APPENDIX 5.3 BIG-1

AIR QUALITY TECHNICAL REPORT

*PART 17

1271	489785.89, 3859126.54	0.18789	0.10415	0.15966	2.88E-03	7.58E-06	4.28E-03	0.007173	2.95E-03	7.46E-06	4.76E-03	7.72E-03	2.80E-03	9.47E-06	9.15E-03	1.20E-02
1272	489835.89, 3859126.54	0.18591	0.10458	0.15947	2.85E-03	7.61E-06	4.28E-03	0.007137	2.91E-03	7.49E-06	4.76E-03	7.68E-03	2.77E-03	9.51E-06	9.14E-03	1.19E-02
1273	489885.89, 3859126.54	0.18395	0.105	0.15928	2.82E-03	7.64E-06	4.27E-03	0.007102	2.88E-03	7.52E-06	4.75E-03	7.64E-03	2.74E-03	9.55E-06	9.12E-03	1.19E-02
1274	489935.89, 3859126.54	0.18207	0.10528	0.15892	2.79E-03	7.66E-06	4.26E-03	0.007064	2.85E-03	7.54E-06	4.74E-03	7.60E-03	2.71E-03	9.58E-06	9.10E-03	1.18E-02
1275	489985.89, 3859126.54	0.18003	0.10568	0.15884	2.76E-03	7.69E-06	4.26E-03	0.00703	2.82E-03	7.57E-06	4.74E-03	7.57E-03	2.68E-03	9.61E-06	9.10E-03	1.18E-02
1276	490035.89, 3859126.54	0.1779	0.10598	0.15866	2.73E-03	7.71E-06	4.26E-03	0.006993	2.79E-03	7.59E-06	4.73E-03	7.53E-03	2.65E-03	9.64E-06	9.09E-03	1.17E-02
1277	489585.89, 3859176.54	0.18169	0.09743	0.15091	2.79E-03	7.09E-06	4.05E-03	0.006843	2.85E-03	6.98E-06	4.50E-03	7.36E-03	2.71E-03	8.86E-06	8.64E-03	1.14E-02
1278	489635.89, 3859176.54	0.18053	0.09786	0.15114	2.77E-03	7.12E-06	4.05E-03	0.006831	2.83E-03	7.01E-06	4.51E-03	7.35E-03	2.69E-03	8.90E-06	8.66E-03	1.14E-02
1279	489685.89, 3859176.54	0.17927	0.0983	0.15126	2.75E-03	7.16E-06	4.06E-03	0.006815	2.81E-03	7.04E-06	4.51E-03	7.33E-03	2.67E-03	8.94E-06	8.66E-03	1.13E-02
1280	489735.89, 3859176.54	0.17793	0.09877	0.1513	2.73E-03	7.19E-06	4.06E-03	0.006795	2.79E-03	7.08E-06	4.51E-03	7.31E-03	2.65E-03	8.98E-06	8.67E-03	1.13E-02
1281	489785.89, 3859176.54	0.17653	0.0993	0.15143	2.71E-03	7.23E-06	4.06E-03	0.006778	2.77E-03	7.12E-06	4.52E-03	7.29E-03	2.63E-03	9.03E-06	8.67E-03	1.13E-02
1282	489835.89, 3859176.54	0.17504	0.09979	0.15143	2.69E-03	7.26E-06	4.06E-03	0.006755	2.74E-03	7.15E-06	4.52E-03	7.27E-03	2.61E-03	9.08E-06	8.67E-03	1.13E-02
1283	489885.89, 3859176.54	0.17354	0.10028	0.15143	2.66E-03	7.30E-06	4.06E-03	0.006732	2.72E-03	7.19E-06	4.52E-03	7.25E-03	2.59E-03	9.12E-06	8.67E-03	1.13E-02
1284	489935.89, 3859176.54	0.17207	0.10067	0.15125	2.64E-03	7.33E-06	4.06E-03	0.006704	2.70E-03	7.21E-06	4.51E-03	7.22E-03	2.56E-03	9.16E-06	8.66E-03	1.12E-02
1285	489985.89, 3859176.54	0.17044	0.10117	0.15136	2.62E-03	7.36E-06	4.06E-03	0.006682	2.67E-03	7.25E-06	4.52E-03	7.20E-03	2.54E-03	9.20E-06	8.67E-03	1.12E-02
1286	490035.89, 3859176.54	0.16899	0.10143	0.15104	2.59E-03	7.38E-06	4.05E-03	0.006652	2.65E-03	7.27E-06	4.51E-03	7.16E-03	2.52E-03	9.23E-06	8.65E-03	1.12E-02
1287	489685.89, 3859226.54	0.1676	0.09383	0.1431	2.57E-03	6.83E-06	3.84E-03	0.006417	2.63E-03	6.72E-06	4.27E-03	6.90E-03	2.50E-03	8.53E-06	8.20E-03	1.07E-02
1288	489735.89, 3859226.54	0.16679	0.09421	0.14326	2.56E-03	6.86E-06	3.84E-03	0.006409	2.62E-03	6.75E-06	4.27E-03	6.90E-03	2.48E-03	8.57E-06	8.21E-03	1.07E-02
1289	489785.89, 3859226.54	0.16588	0.09471	0.14353	2.55E-03	6.89E-06	3.85E-03	0.006402	2.60E-03	6.79E-06	4.28E-03	6.89E-03	2.47E-03	8.62E-06	8.22E-03	1.07E-02
1290	489835.89, 3859226.54	0.16487	0.09526	0.14382	2.53E-03	6.93E-06	3.86E-03	0.006394	2.59E-03	6.83E-06	4.29E-03	6.88E-03	2.46E-03	8.67E-06	8.24E-03	1.07E-02
1291	489885.89, 3859226.54	0.16377	0.09575	0.14395	2.51E-03	6.97E-06	3.86E-03	0.006381	2.57E-03	6.86E-06	4.29E-03	6.87E-03	2.44E-03	8.71E-06	8.25E-03	1.07E-02
1292	489935.89, 3859226.54	0.16265	0.09624	0.14403	2.50E-03	7.01E-06	3.86E-03	0.006366	2.55E-03	6.90E-06	4.30E-03	6.85E-03	2.42E-03	8.75E-06	8.25E-03	1.07E-02
1293	489985.89, 3859226.54	0.16128	0.09687	0.14439	2.47E-03	7.05E-06	3.87E-03	0.006355	2.53E-03	6.94E-06	4.31E-03	6.84E-03	2.40E-03	8.81E-06	8.27E-03	1.07E-02
1294	490035.89, 3859226.54	0.16021	0.09717	0.14415	2.46E-03	7.07E-06	3.87E-03	0.006332	2.51E-03	6.96E-06	4.30E-03	6.82E-03	2.39E-03	8.84E-06	8.26E-03	1.07E-02
1295	489735.89, 3859276.54	0.15638	0.09006	0.13567	2.40E-03	6.56E-06	3.64E-03	0.006045	2.45E-03	6.45E-06	4.05E-03	6.51E-03	2.33E-03	8.19E-06	7.77E-03	1.01E-02
1296	489785.89, 3859276.54	0.15592	0.09045	0.136	2.39E-03	6.58E-06	3.65E-03	0.006047	2.44E-03	6.48E-06	4.06E-03	6.51E-03	2.32E-03	8.23E-06	7.79E-03	1.01E-02
1297	489835.89, 3859276.54	0.15535	0.09097	0.13648	2.38E-03	6.62E-06	3.66E-03	0.006051	2.44E-03	6.52E-06	4.07E-03	6.51E-03	2.31E-03	8.27E-06	7.82E-03	1.01E-02
1298	489885.89, 3859276.54	0.15466	0.09144	0.13674	2.37E-03	6.66E-06	3.67E-03	0.006047	2.42E-03	6.55E-06	4.08E-03	6.51E-03	2.30E-03	8.32E-06	7.83E-03	1.01E-02
1299	489935.89, 3859276.54	0.15384	0.09198	0.13706	2.36E-03	6.70E-06	3.68E-03	0.006043	2.41E-03	6.59E-06	4.09E-03	6.51E-03	2.29E-03	8.37E-06	7.85E-03	1.02E-02
1300	489985.89, 3859276.54	0.15276	0.09268	0.13765	2.34E-03	6.75E-06	3.69E-03	0.006043	2.40E-03	6.64E-06	4.11E-03	6.51E-03	2.28E-03	8.43E-06	7.89E-03	1.02E-02
1301	490035.89, 3859276.54	0.15204	0.09295	0.13738	2.33E-03	6.77E-06	3.68E-03	0.006024	2.38E-03	6.66E-06	4.10E-03	6.49E-03	2.26E-03	8.45E-06	7.87E-03	1.01E-02
1302	490458.06, 3859590.74	0.1103	0.07391	0.10385	1.69E-03	5.38E-06	2.79E-03	0.004483	1.73E-03	5.30E-06	3.10E-03	4.83E-03	1.64E-03	6.72E-06	5.95E-03	7.60E-03
1303	490508.06, 3859590.74	0.11028	0.07438	0.10429	1.69E-03	5.41E-06	2.80E-03	0.004495	1.73E-03	5.33E-06	3.11E-03	4.85E-03	1.64E-03	6.77E-06	5.97E-03	7.62E-03
1304	490558.06, 3859590.74	0.11013	0.07481	0.10465	1.69E-03	5.45E-06	2.81E-03	0.004502	1.73E-03	5.36E-06	3.12E-03	4.85E-03	1.64E-03	6.80E-06	5.99E-03	7.64E-03
1305	490608.06, 3859590.74	0.10989	0.07523	0.10497	1.69E-03	5.48E-06	2.82E-03	0.004507	1.72E-03	5.39E-06	3.13E-03	4.86E-03	1.64E-03	6.84E-06	6.01E-03	7.66E-03
1306	490658.06, 3859590.74	0.10959	0.07563	0.10525	1.68E-03	5.51E-06	2.82E-03	0.00451	1.72E-03	5.42E-06	3.14E-03	4.86E-03	1.63E-03	6.88E-06	6.03E-03	7.67E-03
1307	490708.06, 3859590.74	0.10924	0.07597	0.10544	1.68E-03	5.53E-06	2.83E-03	0.00451	1.71E-03	5.44E-06	3.15E-03	4.86E-03	1.63E-03	6.91E-06	6.04E-03	7.67E-03
1308	490758.06, 3859590.74	0.10878	0.07627	0.10556	1.67E-03	5.55E-06	2.83E-03	0.004506	1.71E-03	5.46E-06	3.15E-03	4.86E-03	1.62E-03	6.94E-06	6.05E-03	7.67E-03
1309	490808.06, 3859590.74	0.1083	0.07648	0.10557	1.66E-03	5.57E-06	2.83E-03	0.004499	1.70E-03	5.48E-06	3.15E-03	4.85E-03	1.61E-03	6.96E-06	6.05E-03	7.67E-03
1310	490858.06, 3859590.74	0.10773	0.07664	0.10552	1.65E-03	5.58E-06	2.83E-03	0.004489	1.69E-03	5.49E-06	3.15E-03	4.84E-03	1.60E-03	6.97E-06	6.04E-03	7.66E-03
1311	490458.06, 3859640.74	0.10537	0.07094	0.09921	1.62E-03	5.16E-06	2.66E-03	0.004283	1.65E-03	5.08E-06	2.96E-03	4.62E-03	1.57E-03	6.45E-06	5.68E-03	7.26E-03
1312	490508.06, 3859640.74	0.10551	0.07138	0.09969	1.62E-03	5.20E-06	2.67E-03	0.004298	1.65E-03	5.11E-06	2.97E-03	4.63E-03	1.57E-03	6.49E-06	5.71E-03	7.29E-03
1313	490558.06, 3859640.74	0.1056	0.07181	0.10013	1.62E-03	5.23E-06	2.69E-03	0.004311	1.66E-03	5.15E-06	2.99E-03	4.65E-03	1.57E-03	6.53E-06	5.74E-03	7.32E-03
1314	490608.06, 3859640.74	0.10559	0.07229	0.10061	1.62E-03	5.26E-06	2.70E-03	0.004324	1.66E-03	5.18E-06	3.00E-03	4.66E-03	1.57E-03	6.58E-06	5.76E-03	7.34E-03
1315	490658.06, 3859640.74	0.10545	0.07275	0.10104	1.62E-03	5.30E-06	2.71E-03	0.004333	1.65E-03	5.21E-06	3.01E-03	4.67E-03	1.57E-03	6.62E-06	5.79E-03	7.37E-03
1316	490708.06, 3859640.74	0.10522	0.07314	0.10133	1.61E-03	5.32E-06	2.72E-03	0.004338	1.65E-03	5.24E-06	3.02E-03	4.68E-03	1.57E-03	6.65E-06	5.80E-03	7.38E-03
1317	490758.06, 3859640.74	0.10495	0.0735	0.10157	1.61E-03	5.35E-06	2.72E-03	0.00434	1.65E-03	5.27E-06	3.03E-03	4.68E-03	1.56E-03	6.69E-06	5.82E-03	7.39E-03
1318	490808.06, 3859640.74	0.10462	0.07377	0.10166	1.61E-03	5.37E-06	2.73E-03	0.004337	1.64E-03	5.29E-06	3.03E-03	4.68E-03	1.56E-03	6.71E-06	5.82E-03	7.39E-03
1319	490858.06, 3859640.74	0.10426	0.074	0.1017	1.60E-03	5.39E-06	2.73E-03	0.004333	1.63E-03	5.30E-06	3.03E-03	4.67E-03	1.55E-03	6.73E-06	5.83E-03	7.39E-03
1320	490608.06, 3859690.74	0.1013	0.06949	0.09639	1.55E-03	5.06E-06	2.59E-03	0.004145	1.59E-03	4.98E-06	2.88E-03	4.47E-03	1.51E-03	6.32E-06	5.52E-03	7.04E-03
1321	490658.06, 3859690.74	0.10137	0.06996	0.09691	1.56E-03	5.09E-06	2.60E-03	0.00416	1.59E-03	5.01E-06	2.89E-03	4.49E-03	1.51E-03	6.36E-06	5.55E-03	7.07E-03
1322	490708.06, 3859690.74	0.10129	0.07038	0.0973	1.55E-03	5.12E-06	2.61E-03	0.004169	1.59E-03	5.04E-06	2.90E-03	4.50E-03	1.51E-03	6.40E-06	5.57E-03	7.09E-03
1323	490758.06, 3859690.74	0.10114	0.07079	0.09764	1.55E-03	5.15E-06	2.62E-03	0.004176	1.59E-03	5.07E-06	2.91E-03	4.50E-03	1.51E-03	6.44E-06	5.59E-03	7.11E-03
1324	490808.06, 3859690.74	0.10095	0.07112	0.09786	1.55E-03	5.18E-06	2.62E-03	0.004179	1.58E-03	5.10E-06	2.92E-03	4.51E-03	1.50E-03	6.47E-06	5.61E-03	7.12E-03
1325	490858.06, 3859690.74	0.10075	0.07136	0.09792	1.55E-03	5.19E-06	2.63E-03	0.004177	1.58E-03	5.11E-06	2.92E-03	4.51E-03	1.50E-03	6.49E-06	5.61E-03	7.12E-03
1326	490708.06, 3859740.74	0.09739	0.0677	0.09331	1.49E-03	4.93E-06	2.50E-03	0.004002	1.53E-03	4.85E-06	2.78E-03	4.32E-03	1.45E-03	6.16E-06	5.35E-03	6.80E-03
1327	490758.06, 3859740.74	0.09737	0.06805	0.09361	1.49E-03	4.95E-06	2.51E-03	0.00401	1.53E-03	4.88E-06	2.79E-03	4.32E-03	1.45E-03	6.19E-06	5.36E-03	6.82E-03
1328	490808.06, 3859740.74	0.09731	0.06841	0.09391	1.49E-03	4.98E-06	2.52E-03	0.004017	1.53E-03	4.90E-06	2.80E-03	4.33E-03	1.45E-03	6.22E-06	5.38E-03	6.84E-03
1329	490858.06, 3859740.74	0.0972	0.06872	0.09412	1.49E-03	5.00E-06	2.52E-03	0.004021	1.52E-03	4.92E-06	2.81E-03	4.34E-03	1.45E-03	6.25E-06	5.39E-03	6.85E-03
1330	490786.56, 3859749.39	0.0967	0.06779	0.09311	1.48E-03	4.93E-06	2.50E-03	0.003986	1.52E-03	4.86E-06	2.78E-03	4.30E-03	1.44E-03	6.17E-06	5.33E-03	6.78E-03
1331	490836.56, 3859749.39	0.09663	0.06814	0.09339	1.48E-03	4.96E-06	2.50E-03	0.003993	1.52E-03	4.88E-06	2.79E-03	4.31E-03	1.44E-03	6.20E-06	5.35E-03	6.80E-03
1332	490786.56, 3859799.39	0.09294	0.06522	0.08927	1.43E-03	4.75E-06	2.39E-03	0.003825	1.46E-03	4.67E-06	2.66E-03	4.13E-03	1.38E-03	5.93E-06	5.11E-03	6.50E-03
1333	490836.56, 3859799.39	0.09303	0.06558	0.08964	1.43E-03	4.77E-06	2.40E-03	0.003837	1.46E-03	4.70E-06	2.67E-03	4.14E-03	1.39E-03	5.97E-06	5.14E-03	6.53E-03
1334	492307.84, 3854508.36	0.09188	0.10724	0.0956	1.41E-03	7.81E-06	2.56E-03	0.003982	1.44E-03	7.68E-06	2.85E-03	4.30E-03	1.37E-03	9.75E-06	5.48E-03	6.85E-03
1335	486445.7, 3854753.6	0.19032	0.40918	0.18621	2.92E-03	2.98E-05	4.99E-03	0.007945	2.98E-03	2.93E-05	5.56E-03	8.57E-03	2.84E-03	3.72E-05	1.07E-02	1.35E-02
1336	472599.75, 3877830.11	0.00336	0.00299	0.00304	5.16E-05	2.18E-07	8.15E-05	0.000133	5.27E-05	2.14E-07	9.07E-05	1.44E-04	5.01E-05	2.72E-07	1.74E-04	2.24E-04
1337	493107.48, 3866840.19	0.00954	0.00882	0.00942	1.46E-04	6.42E-07	2.53E-04	0.0004	1.50E-04	6.32E-07	2.81E-04	4.31E-04	1.42E-04	8.02E-07	5.40E-04	6.83E-04
1338	495815.8, 3861662.87	0.03357	0.02978	0.03484	5.15E-04	2.17E-06	9.34E-04	0.001452	5.26E-04	2.13E-06	1.04E-03	1.57E-03	5.00E-04	2.71E-06	2.00E-03	2.50E-03
1339	480272.33, 3841389.2	0.00099	0.00096	0.00096	1.52E-05	6.99E-08	2.57E-05	4.1E-05	1.55E-05	6.88E-08	2.86E-05	4.42E-05	1.47E-05	8.73E-08	5.50E-05	6.98E-05
1340	497005.18, 3862813.64	0.02386	0.02134	0.02482	3.66E-04	1.55E-06	6.66E-04	0.001033	3.74E-04	1.53E-06	7.40E-04	1.12E-03	3.55E-04	1.94E-06	1.42E-03	1.78E-03
1341	493677.33, 3860302.55	0.06162	0.05151	0.06328	9.46E-04	3.75E-06	1.70E-03	0.002647	9.66E-04	3.69E-06	1.89E-03	2.86E-03	9.18E-04	4.69E-06	3.62E-03	4.55E-03
1342	493727.33, 3860302.55	0.0614	0.05143	0.06308	9.42E-04	3.74E-06	1.69E-03	0.002638	9.63E-04	3.69E-06	1.88E-03	2.85E-03	9.15E-04	4.68E-06	3.61E-03	4.53E-03
1343	493777.33, 3860302.55	0.06119	0.05134	0.0629	9.39E-04	3.74E-06	1.69E-03	0.00263	9.59E-04	3.68E-06	1.88E-03	2.84E-03	9.12E-04	4.67E-06	3.60E-03	4.52E-03
1344	493827.33, 3860302.55	0.06097	0.05126	0.06271	9.36E-04	3.73E-06	1.68E-03	0.002621	9.56E-04	3.67E-06	1.87E-03	2.83E-03	9.08E-04	4.66E-06	3.59E-03	4.51E-03
1345	493877.33, 3860302.55	0.06074	0.05115	0.06249	9.32E-04	3.72E-06	1.68E-03	0.002612	9.52E-04	3.67E-06	1.86E-03	2.82E-03	9.05E-04	4.65E-06	3.58E-03	4.49E-03
1346	493927.33, 3860302.55	0.0605	0.05103	0.06227	9.28E-04	3.71E-06	1.67E-03	0.002602	9.49E-04	3.66E-06	1.86E-03	2.81E-03	9.01E-04	4.64E-06	3.57E-03	4.47E-03
1347	493977.33, 3860302.55	0.06033	0.05097	0.06212	9.26E-04	3.71E-06	1.67E-03	0.002596	9.46E-04	3.65E-06	1.85E-03	2.80E-03	8.99E-04	4.64E-06	3.56E-03	4.46E-03
1348	494027.33, 3860302.55	0.06011	0.05086	0.06193	9.22E-04	3.70E-06	1.66E-03	0.002587	9.42E-04	3.64E-06	1.85E-03	2.79E-03	8.95E-04	4.63E-06	3.55E-03	4.45E-03
1349	493677.33, 3860352.55	0.06043	0.05051	0.06205	9.27E-04	3.68E-06	1.66E-03	0.002595	9.47E-04	3.62E-06	1.85E-03	2.80E-03	9.00E-04	4.59E-06	3.55E-03	4.46E-03
1350	493727.33, 3860352.55	0.06021	0.05042	0.06184	9.24E-04	3.67E-06	1.66E-03	0.002586	9.44E-04	3.61E-06	1.84E-03	2.79E-03	8.97E-04	4.59E-06	3.54E-03	4.44E-03
1351	493777.33, 3860352.55	0.05998	0.05033	0.06164	9.20E-04	3.66E-06	1.65E-03	0.002577	9.40E-04	3.61E-06	1.84E-03	2.78E-03	8.94E-04	4.58E-06	3.53E-03	4.43E-03
1352	493827.33, 3860352.55	0.05977	0.05025	0.06145	9.17E-04	3.66E-06	1.65E-03	0.002569	9.37E-04	3.60E-06	1.83E-03	2.77E-03	8.90E-04	4.57E-06	3.52E-03	4.42E-03
1353	493877.33, 3860352.55	0.05958	0.05018	0.06128	9.14E-04	3.65E-06	1.64E-03	0.002561	9.34E-04	3.60E-06	1.83E-03	2.77E-03	8.88E-04	4.56E-06	3.51E-03	4.40E-03
1354	493927.33, 3860352.55	0.05939	0.05012	0.06114	9.11E-04	3.65E-06	1.64E-03	0.002555	9.31E-04	3.59E-06	1.82E-03	2.76E-03	8.85E-04	4.56E-06	3.50E-03	4.39E-03
1355	493977.33, 3860352.55	0.05922	0.05006	0.06099	9.09E-04	3.64E-06	1.64E-03	0.002548	9.29E-04	3.59E-06	1.82E-03	2.75E-03	8.82E-04	4.55E-06	3.49E-03	4.38E-03
1356	494027.33, 3860352.55	0.059	0.04996	0.06079	9.05E-04	3.64E-06	1.63E-03	0.002539	9.25E-04	3.58E-06	1.81E-03	2.74E-03	8.79E-04	4.54E-06	3.48E-03	4.37E-03
1357	493677.33, 3860402.55	0.0592	0.04947	0.06077	9.08E-04	3.60E-06	1.63E-03	0.002542	9.28E-04	3.54E-06	1.81E-03	2.74E-03	8.82E-04	4.50E-06	3.48E-03	4.37E-03
1358	493727.33, 3860402.55	0.05898	0.04939	0.06058	9.05E-04	3.60E-06	1.62E-03	0.002533	9.25E-04	3.54E-06	1.81E-03	2.74E-03	8.79E-04	4.49E-06	3.47E-03	4.35E-03
1359	493777.33, 3860402.55	0.05885	0.04939	0.06049	9.03E-04	3.60E-06	1.62E-03	0.002529	9.23E-04	3.54E-06	1.80E-03	2.73E-03	8.77E-04	4.49E-06	3.47E-03	4.35E-03
1360	493827.33, 3860402.55	0.05862	0.04928	0.06027	9.00E-04	3.59E-06	1.62E-03	0.00252	9.19E-04	3.53E-06	1.80E-03	2.72E-03	8.73E-04	4.48E-06	3.45E-03	4.33E-03
1361	493877.33, 3860402.55	0.05841	0.0492	0.06008	8.96E-04	3.58E-06	1.61E-03	0.002511	9.16E-04	3.53E-06	1.79E-03	2.71E-03	8.70E-04	4.48E-06	3.44E-03	4.32E-03
1362	493927.33, 3860402.55	0.05827	0.04918	0.05997	8.94E-04	3.58E-06	1.61E-03	0.002506	9.14E-04	3.52E-06	1.79E-03	2.71E-03	8.68E-04	4.47E-06	3.44E-03	4.31E-03
1363	493977.33, 3860402.55	0.05813	0.04916	0.05987	8.92E-04	3.58E-06	1.61E-03	0.002501	9.11E-04	3.52E-06	1.79E-03	2.70E-03	8.66E-04	4.47E-06	3.43E-03	4.30E-03
1364	494027.33, 3860402.55	0.05791	0.04905	0.05967	8.89E-04	3.57E-06	1.60E-03	0.002493	9.08E-04	3.51E-06	1.78E-03	2.69E-03	8.63E-04	4.46E-06	3.42E-03	4.29E-03
1365	493677.33, 3860452.55	0.05804	0.04848	0.05958	8.91E-04	3.53E-06	1.60E-03	0.002492	9.10E-04	3.47E-06	1.78E-03	2.69E-03	8.65E-04	4.41E-06	3.41E-03	4.28E-03
1366	493727.33, 3860452.55	0.05778	0.04836	0.05933	8.87E-04	3.52E-06	1.59E-03	0.002481	9.06E-04	3.47E-06	1.77E-03	2.68E-03	8.61E-04	4.40E-06	3.40E-03	4.26E-03
1367	493777.33, 3860452.55	0.05759	0.04831	0.05916	8.84E-04	3.52E-06	1.59E-03	0.002474	9.03E-04	3.46E-06	1.76E-03	2.67E-03	8.58E-04	4.39E-06	3.39E-03	4.25E-03
1368	493827.33, 3860452.55	0.05745	0.0483	0.05907	8.82E-04	3.52E-06	1.58E-03	0.002469	9.01E-04	3.46E-06	1.76E-03	2.67E-03	8.56E-04	4.39E-06	3.38E-03	4.24E-03

1369	493877.33, 3860452.55	0.05729	0.04827	0.05894	8.79E-04	3.51E-06	1.58E-03	0.002463	8.98E-04	3.46E-06	1.76E-03	2.66E-03	8.53E-04	4.39E-06	3.38E-03	4.23E-03
1370	493927.33, 3860452.55	0.0572	0.04828	0.05888	8.78E-04	3.51E-06	1.58E-03	0.00246	8.97E-04	3.46E-06	1.76E-03	2.66E-03	8.52E-04	4.39E-06	3.37E-03	4.23E-03
1371	493977.33, 3860452.55	0.05701	0.04821	0.05871	8.75E-04	3.51E-06	1.57E-03	0.002453	8.94E-04	3.45E-06	1.75E-03	2.65E-03	8.49E-04	4.39E-06	3.36E-03	4.22E-03
1372	494027.33, 3860452.55	0.05681	0.04813	0.05853	8.72E-04	3.50E-06	1.57E-03	0.002445	8.91E-04	3.45E-06	1.75E-03	2.64E-03	8.46E-04	4.38E-06	3.35E-03	4.20E-03
1373	493677.33, 3860502.55	0.0569	0.04749	0.05838	8.73E-04	3.46E-06	1.57E-03	0.002442	8.92E-04	3.40E-06	1.74E-03	2.64E-03	8.48E-04	4.32E-06	3.34E-03	4.20E-03
1374	493727.33, 3860502.55	0.05668	0.0474	0.05817	8.70E-04	3.45E-06	1.56E-03	0.002433	8.89E-04	3.40E-06	1.74E-03	2.63E-03	8.44E-04	4.31E-06	3.33E-03	4.18E-03
1375	493777.33, 3860502.55	0.0565	0.04735	0.05801	8.67E-04	3.45E-06	1.56E-03	0.002426	8.86E-04	3.39E-06	1.73E-03	2.62E-03	8.42E-04	4.31E-06	3.32E-03	4.17E-03
1376	493827.33, 3860502.55	0.05632	0.04731	0.05787	8.64E-04	3.44E-06	1.55E-03	0.00242	8.83E-04	3.39E-06	1.73E-03	2.61E-03	8.39E-04	4.30E-06	3.32E-03	4.16E-03
1377	493877.33, 3860502.55	0.05619	0.04731	0.05778	8.62E-04	3.44E-06	1.55E-03	0.002415	8.81E-04	3.39E-06	1.72E-03	2.61E-03	8.37E-04	4.30E-06	3.31E-03	4.15E-03
1378	493927.33, 3860502.55	0.05608	0.04733	0.05772	8.61E-04	3.45E-06	1.55E-03	0.002412	8.79E-04	3.39E-06	1.72E-03	2.60E-03	8.35E-04	4.31E-06	3.31E-03	4.15E-03
1379	493977.33, 3860502.55	0.05588	0.04725	0.05755	8.57E-04	3.44E-06	1.54E-03	0.002404	8.76E-04	3.39E-06	1.72E-03	2.60E-03	8.32E-04	4.30E-06	3.30E-03	4.13E-03
1380	494027.33, 3860502.55	0.0557	0.0472	0.0574	8.55E-04	3.44E-06	1.54E-03	0.002398	8.73E-04	3.38E-06	1.71E-03	2.59E-03	8.30E-04	4.29E-06	3.29E-03	4.12E-03
1381	493627.33, 3860552.55	0.05594	0.04654	0.05732	8.58E-04	3.39E-06	1.54E-03	0.002399	8.77E-04	3.33E-06	1.71E-03	2.59E-03	8.33E-04	4.23E-06	3.28E-03	4.12E-03
1382	493677.33, 3860552.55	0.05573	0.04646	0.05712	8.55E-04	3.38E-06	1.53E-03	0.002391	8.74E-04	3.33E-06	1.70E-03	2.58E-03	8.30E-04	4.23E-06	3.27E-03	4.11E-03
1383	493727.33, 3860552.55	0.05553	0.04639	0.05693	8.52E-04	3.38E-06	1.53E-03	0.002382	8.71E-04	3.32E-06	1.70E-03	2.57E-03	8.27E-04	4.22E-06	3.26E-03	4.09E-03
1384	493777.33, 3860552.55	0.05539	0.04637	0.05682	8.50E-04	3.38E-06	1.52E-03	0.002377	8.68E-04	3.32E-06	1.70E-03	2.57E-03	8.25E-04	4.22E-06	3.25E-03	4.08E-03
1385	493827.33, 3860552.55	0.05527	0.04639	0.05676	8.48E-04	3.38E-06	1.52E-03	0.002374	8.67E-04	3.32E-06	1.69E-03	2.56E-03	8.23E-04	4.22E-06	3.25E-03	4.08E-03
1386	493877.33, 3860552.55	0.05508	0.04633	0.0566	8.45E-04	3.37E-06	1.52E-03	0.002367	8.64E-04	3.32E-06	1.69E-03	2.56E-03	8.21E-04	4.21E-06	3.24E-03	4.07E-03
1387	493927.33, 3860552.55	0.05495	0.04633	0.05652	8.43E-04	3.37E-06	1.52E-03	0.002362	8.62E-04	3.32E-06	1.69E-03	2.55E-03	8.19E-04	4.21E-06	3.24E-03	4.06E-03
1388	493977.33, 3860552.55	0.05483	0.04634	0.05644	8.41E-04	3.37E-06	1.51E-03	0.002358	8.60E-04	3.32E-06	1.68E-03	2.55E-03	8.17E-04	4.22E-06	3.23E-03	4.05E-03
1389	494027.33, 3860552.55	0.05464	0.04628	0.05628	8.38E-04	3.37E-06	1.51E-03	0.002351	8.57E-04	3.32E-06	1.68E-03	2.54E-03	8.14E-04	4.21E-06	3.22E-03	4.04E-03
1390	493627.33, 3860602.55	0.05481	0.04556	0.05612	8.41E-04	3.32E-06	1.51E-03	0.00235	8.59E-04	3.26E-06	1.67E-03	2.54E-03	8.17E-04	4.14E-06	3.21E-03	4.04E-03
1391	493727.33, 3860602.55	0.05437	0.04536	0.05568	8.34E-04	3.30E-06	1.49E-03	0.002331	8.52E-04	3.25E-06	1.66E-03	2.52E-03	8.10E-04	4.13E-06	3.19E-03	4.00E-03
1392	493777.33, 3860602.55	0.0543	0.04542	0.05567	8.33E-04	3.31E-06	1.49E-03	0.00233	8.51E-04	3.25E-06	1.66E-03	2.52E-03	8.09E-04	4.13E-06	3.19E-03	4.00E-03
1393	493827.33, 3860602.55	0.05415	0.0454	0.05556	8.31E-04	3.30E-06	1.49E-03	0.002324	8.49E-04	3.25E-06	1.66E-03	2.51E-03	8.07E-04	4.13E-06	3.18E-03	3.99E-03
1394	493877.33, 3860602.55	0.05406	0.04543	0.05552	8.30E-04	3.31E-06	1.49E-03	0.002322	8.48E-04	3.26E-06	1.66E-03	2.51E-03	8.05E-04	4.13E-06	3.18E-03	3.99E-03
1395	493927.33, 3860602.55	0.05392	0.04542	0.05543	8.27E-04	3.31E-06	1.49E-03	0.002317	8.45E-04	3.25E-06	1.65E-03	2.50E-03	8.03E-04	4.13E-06	3.18E-03	3.98E-03
1396	493977.33, 3860602.55	0.05379	0.04542	0.05534	8.25E-04	3.31E-06	1.48E-03	0.002313	8.43E-04	3.25E-06	1.65E-03	2.50E-03	8.01E-04	4.13E-06	3.17E-03	3.98E-03
1397	494027.33, 3860602.55	0.05361	0.04535	0.05516	8.23E-04	3.30E-06	1.48E-03	0.002305	8.41E-04	3.25E-06	1.65E-03	2.49E-03	7.99E-04	4.13E-06	3.16E-03	3.96E-03
1398	493627.33, 3860652.55	0.05367	0.04457	0.0549	8.24E-04	3.24E-06	1.47E-03	0.002299	8.41E-04	3.19E-06	1.64E-03	2.48E-03	8.00E-04	4.05E-06	3.14E-03	3.95E-03
1399	493727.33, 3860652.55	0.05326	0.0444	0.05451	8.17E-04	3.23E-06	1.46E-03	0.002283	8.35E-04	3.18E-06	1.63E-03	2.46E-03	7.93E-04	4.04E-06	3.12E-03	3.92E-03
1400	493777.33, 3860652.55	0.05318	0.04444	0.05448	8.16E-04	3.23E-06	1.46E-03	0.00228	8.34E-04	3.18E-06	1.63E-03	2.46E-03	7.92E-04	4.04E-06	3.12E-03	3.92E-03
1401	493827.33, 3860652.55	0.05309	0.04447	0.05444	8.15E-04	3.24E-06	1.46E-03	0.002278	8.32E-04	3.19E-06	1.62E-03	2.46E-03	7.91E-04	4.05E-06	3.12E-03	3.91E-03
1402	493877.33, 3860652.55	0.05302	0.04452	0.05442	8.14E-04	3.24E-06	1.46E-03	0.002276	8.31E-04	3.19E-06	1.62E-03	2.46E-03	7.90E-04	4.05E-06	3.12E-03	3.91E-03
1403	493927.33, 3860652.55	0.05289	0.04451	0.05433	8.12E-04	3.24E-06	1.46E-03	0.002272	8.29E-04	3.19E-06	1.62E-03	2.45E-03	7.88E-04	4.05E-06	3.11E-03	3.90E-03
1404	493977.33, 3860652.55	0.05275	0.04449	0.05422	8.09E-04	3.24E-06	1.45E-03	0.002267	8.27E-04	3.19E-06	1.62E-03	2.45E-03	7.86E-04	4.05E-06	3.11E-03	3.90E-03
1405	494027.33, 3860652.55	0.05265	0.04451	0.05416	8.08E-04	3.24E-06	1.45E-03	0.002264	8.26E-04	3.19E-06	1.62E-03	2.44E-03	7.84E-04	4.05E-06	3.10E-03	3.89E-03
1406	494311.06, 3858401.99	0.05989	0.04957	0.06169	9.19E-04	3.61E-06	1.65E-03	0.002577	9.39E-04	3.55E-06	1.84E-03	2.78E-03	8.92E-04	4.51E-06	3.53E-03	4.43E-03
1407	494361.06, 3858401.99	0.05883	0.04869	0.06058	9.03E-04	3.54E-06	1.62E-03	0.002531	9.22E-04	3.49E-06	1.81E-03	2.73E-03	8.76E-04	4.43E-06	3.47E-03	4.35E-03
1408	494411.06, 3858401.99	0.0581	0.0481	0.05983	8.92E-04	3.50E-06	1.60E-03	0.0025	9.11E-04	3.45E-06	1.78E-03	2.70E-03	8.66E-04	4.38E-06	3.43E-03	4.30E-03
1409	494461.06, 3858401.99	0.05773	0.04782	0.05945	8.86E-04	3.48E-06	1.59E-03	0.002484	9.05E-04	3.43E-06	1.77E-03	2.68E-03	8.60E-04	4.35E-06	3.41E-03	4.27E-03
1410	494511.06, 3858401.99	0.05695	0.04718	0.05864	8.74E-04	3.43E-06	1.57E-03	0.00245	8.93E-04	3.38E-06	1.75E-03	2.65E-03	8.48E-04	4.29E-06	3.36E-03	4.21E-03
1411	494561.06, 3858401.99	0.05655	0.04687	0.05824	8.68E-04	3.41E-06	1.56E-03	0.002433	8.87E-04	3.36E-06	1.74E-03	2.63E-03	8.42E-04	4.26E-06	3.34E-03	4.18E-03
1412	494611.06, 3858401.99	0.05577	0.04623	0.05742	8.56E-04	3.37E-06	1.54E-03	0.002399	8.74E-04	3.31E-06	1.71E-03	2.59E-03	8.31E-04	4.21E-06	3.29E-03	4.12E-03
1413	494661.06, 3858401.99	0.05511	0.04569	0.05674	8.46E-04	3.33E-06	1.52E-03	0.002371	8.64E-04	3.27E-06	1.69E-03	2.56E-03	8.21E-04	4.16E-06	3.25E-03	4.08E-03
1414	494711.06, 3858401.99	0.05414	0.04488	0.0557	8.31E-04	3.27E-06	1.49E-03	0.002328	8.49E-04	3.22E-06	1.66E-03	2.51E-03	8.07E-04	4.08E-06	3.19E-03	4.00E-03
1415	494761.06, 3858401.99	0.05362	0.04446	0.05516	8.23E-04	3.24E-06	1.48E-03	0.002305	8.41E-04	3.19E-06	1.65E-03	2.49E-03	7.99E-04	4.04E-06	3.16E-03	3.96E-03
1416	494811.06, 3858401.99	0.05288	0.04384	0.05439	8.11E-04	3.19E-06	1.46E-03	0.002273	8.29E-04	3.14E-06	1.62E-03	2.45E-03	7.88E-04	3.99E-06	3.12E-03	3.91E-03
1417	494861.06, 3858401.99	0.05221	0.04329	0.0537	8.01E-04	3.15E-06	1.44E-03	0.002245	8.19E-04	3.10E-06	1.60E-03	2.42E-03	7.78E-04	3.94E-06	3.08E-03	3.86E-03
1418	494911.06, 3858401.99	0.05156	0.04276	0.05303	7.91E-04	3.11E-06	1.42E-03	0.002217	8.08E-04	3.06E-06	1.58E-03	2.39E-03	7.68E-04	3.89E-06	3.04E-03	3.81E-03
1419	494961.06, 3858401.99	0.05088	0.0422	0.05232	7.81E-04	3.07E-06	1.40E-03	0.002187	7.98E-04	3.02E-06	1.56E-03	2.36E-03	7.58E-04	3.84E-06	3.00E-03	3.76E-03
1420	495011.06, 3858401.99	0.05003	0.04148	0.05143	7.68E-04	3.02E-06	1.38E-03	0.00215	7.84E-04	2.97E-06	1.53E-03	2.32E-03	7.45E-04	3.77E-06	2.95E-03	3.70E-03
1421	495061.06, 3858401.99	0.04936	0.04093	0.05071	7.57E-04	2.98E-06	1.36E-03	0.00212	7.74E-04	2.93E-06	1.51E-03	2.29E-03	7.35E-04	3.72E-06	2.90E-03	3.64E-03
1422	495111.06, 3858401.99	0.04814	0.03988	0.04942	7.39E-04	2.90E-06	1.33E-03	0.002067	7.55E-04	2.86E-06	1.47E-03	2.23E-03	7.17E-04	3.63E-06	2.83E-03	3.55E-03
1423	495161.06, 3858401.99	0.04789	0.03968	0.04917	7.35E-04	2.89E-06	1.32E-03	0.002057	7.51E-04	2.84E-06	1.47E-03	2.22E-03	7.13E-04	3.61E-06	2.82E-03	3.53E-03
1424	495211.06, 3858401.99	0.04683	0.03879	0.04805	7.19E-04	2.82E-06	1.29E-03	0.00201	7.34E-04	2.78E-06	1.43E-03	2.17E-03	6.98E-04	3.53E-06	2.75E-03	3.45E-03
1425	495261.06, 3858401.99	0.04624	0.03831	0.04745	7.10E-04	2.79E-06	1.27E-03	0.001985	7.25E-04	2.74E-06	1.42E-03	2.14E-03	6.89E-04	3.48E-06	2.72E-03	3.41E-03
1426	495311.06, 3858401.99	0.04563	0.0378	0.04681	7.00E-04	2.75E-06	1.26E-03	0.001958	7.15E-04	2.71E-06	1.40E-03	2.11E-03	6.80E-04	3.44E-06	2.68E-03	3.36E-03
1427	495361.06, 3858401.99	0.04519	0.03746	0.04635	6.93E-04	2.73E-06	1.24E-03	0.001939	7.09E-04	2.68E-06	1.38E-03	2.09E-03	6.73E-04	3.41E-06	2.66E-03	3.33E-03
1428	495411.06, 3858401.99	0.04494	0.03727	0.0461	6.90E-04	2.71E-06	1.24E-03	0.001929	7.05E-04	2.67E-06	1.38E-03	2.08E-03	6.69E-04	3.39E-06	2.64E-03	3.31E-03
1429	495461.06, 3858401.99	0.04476	0.03713	0.04592	6.87E-04	2.70E-06	1.23E-03	0.001921	7.02E-04	2.66E-06	1.37E-03	2.07E-03	6.67E-04	3.38E-06	2.63E-03	3.30E-03
1430	495511.06, 3858401.99	0.04452	0.03695	0.04568	6.83E-04	2.69E-06	1.23E-03	0.001911	6.98E-04	2.65E-06	1.36E-03	2.06E-03	6.63E-04	3.36E-06	2.62E-03	3.28E-03
1431	495561.06, 3858401.99	0.04392	0.03648	0.04507	6.74E-04	2.66E-06	1.21E-03	0.001885	6.89E-04	2.61E-06	1.34E-03	2.04E-03	6.54E-04	3.32E-06	2.58E-03	3.24E-03
1432	495611.06, 3858401.99	0.04369	0.03631	0.04484	6.70E-04	2.64E-06	1.20E-03	0.001876	6.85E-04	2.60E-06	1.34E-03	2.03E-03	6.51E-04	3.30E-06	2.57E-03	3.22E-03
1433	495661.06, 3858401.99	0.04396	0.03654	0.04512	6.75E-04	2.66E-06	1.21E-03	0.001887	6.89E-04	2.62E-06	1.35E-03	2.04E-03	6.55E-04	3.32E-06	2.58E-03	3.24E-03
1434	494311.06, 3858451.99	0.06106	0.05069	0.06292	9.37E-04	3.69E-06	1.69E-03	0.002628	9.57E-04	3.63E-06	1.88E-03	2.84E-03	9.10E-04	4.61E-06	3.60E-03	4.52E-03
1435	494361.06, 3858451.99	0.06019	0.04997	0.062	9.24E-04	3.64E-06	1.66E-03	0.00259	9.44E-04	3.58E-06	1.85E-03	2.80E-03	8.97E-04	4.55E-06	3.55E-03	4.45E-03
1436	494411.06, 3858451.99	0.05944	0.04937	0.06123	9.12E-04	3.59E-06	1.64E-03	0.002558	9.32E-04	3.54E-06	1.83E-03	2.76E-03	8.85E-04	4.49E-06	3.51E-03	4.40E-03
1437	494461.06, 3858451.99	0.05879	0.04884	0.06055	9.02E-04	3.56E-06	1.62E-03	0.00253	9.22E-04	3.50E-06	1.81E-03	2.73E-03	8.76E-04	4.44E-06	3.47E-03	4.35E-03
1438	494511.06, 3858451.99	0.05837	0.04852	0.06013	8.96E-04	3.53E-06	1.61E-03	0.002512	9.15E-04	3.48E-06	1.79E-03	2.71E-03	8.70E-04	4.41E-06	3.44E-03	4.32E-03
1439	494561.06, 3858451.99	0.05755	0.04784	0.05927	8.83E-04	3.48E-06	1.59E-03	0.002476	9.02E-04	3.43E-06	1.77E-03	2.67E-03	8.57E-04	4.35E-06	3.40E-03	4.26E-03
1440	494611.06, 3858451.99	0.05693	0.04734	0.05863	8.74E-04	3.45E-06	1.57E-03	0.00245	8.93E-04	3.39E-06	1.75E-03	2.65E-03	8.48E-04	4.31E-06	3.36E-03	4.21E-03
1441	494661.06, 3858451.99	0.05626	0.04679	0.05793	8.63E-04	3.41E-06	1.55E-03	0.00242	8.82E-04	3.35E-06	1.73E-03	2.61E-03	8.38E-04	4.26E-06	3.32E-03	4.16E-03
1442	494711.06, 3858451.99	0.05541	0.04608	0.05705	8.50E-04	3.35E-06	1.53E-03	0.002384	8.69E-04	3.30E-06	1.70E-03	2.57E-03	8.25E-04	4.19E-06	3.27E-03	4.10E-03
1443	494761.06, 3858451.99	0.05456	0.04537	0.05618	8.37E-04	3.30E-06	1.51E-03	0.002347	8.55E-04	3.25E-06	1.68E-03	2.53E-03	8.13E-04	4.13E-06	3.22E-03	4.04E-03
1444	494811.06, 3858451.99	0.05387	0.0448	0.05545	8.27E-04	3.26E-06	1.49E-03	0.002317	8.45E-04	3.21E-06	1.65E-03	2.50E-03	8.03E-04	4.08E-06	3.18E-03	3.98E-03
1445	494861.06, 3858451.99	0.0531	0.04417	0.05465	8.15E-04	3.22E-06	1.47E-03	0.002284	8.33E-04	3.16E-06	1.63E-03	2.47E-03	7.91E-04	4.02E-06	3.13E-03	3.93E-03
1446	494911.06, 3858451.99	0.05216	0.04338	0.05366	8.00E-04	3.16E-06	1.44E-03	0.002243	8.18E-04	3.11E-06	1.60E-03	2.42E-03	7.77E-04	3.95E-06	3.07E-03	3.85E-03
1447	494961.06, 3858451.99	0.05138	0.04272	0.05283	7.88E-04	3.11E-06	1.42E-03	0.002208	8.06E-04	3.06E-06	1.58E-03	2.38E-03	7.65E-04	3.89E-06	3.03E-03	3.80E-03
1448	495011.06, 3858451.99	0.05047	0.04196	0.05188	7.74E-04	3.05E-06	1.39E-03	0.002169	7.91E-04	3.01E-06	1.55E-03	2.34E-03	7.52E-04	3.82E-06	2.97E-03	3.73E-03
1449	495061.06, 3858451.99	0.05003	0.0416	0.05143	7.68E-04	3.03E-06	1.38E-03	0.00215	7.84E-04	2.98E-06	1.53E-03	2.32E-03	7.45E-04	3.78E-06	2.95E-03	3.70E-03
1450	495111.06, 3858451.99	0.04916	0.04086	0.05051	7.54E-04	2.97E-06	1.35E-03	0.002112	7.71E-04	2.93E-06	1.51E-03	2.28E-03	7.32E-04	3.72E-06	2.89E-03	3.63E-03
1451	495161.06, 3858451.99	0.04818	0.04004	0.04947	7.39E-04	2.91E-06	1.33E-03	0.002069	7.55E-04	2.87E-06	1.48E-03	2.23E-03	7.18E-04	3.64E-06	2.83E-03	3.56E-03
1452	495211.06, 3858451.99	0.04731	0.03928	0.04856	7.26E-04	2.86E-06	1.30E-03	0.002031	7.42E-04	2.81E-06	1.45E-03	2.19E-03	7.05E-04	3.57E-06	2.78E-03	3.49E-03
1453	495261.06, 3858451.99	0.04673	0.03881	0.04796	7.17E-04	2.83E-06	1.29E-03	0.002006	7.33E-04	2.78E-06	1.43E-03	2.17E-03	6.96E-04	3.53E-06	2.75E-03	3.45E-03
1454	495311.06, 3858451.99	0.04626	0.03841	0.04746	7.10E-04	2.80E-06	1.27E-03	0.001986	7.25E-04	2.75E-06	1.42E-03	2.14E-03	6.89E-04	3.49E-06	2.72E-03	3.41E-03
1455	495361.06, 3858451.99	0.04585	0.03808	0.04704	7.04E-04	2.77E-06	1.26E-03	0.001968	7.19E-04	2.73E-06	1.40E-03	2.12E-03	6.83E-04	3.46E-06	2.69E-03	3.38E-03
1456	495411.06, 3858451.99	0.04564	0.03792	0.04684	7.00E-04	2.76E-06	1.26E-03	0.001959	7.16E-04	2.72E-06	1.40E-03	2.12E-03	6.80E-04	3.45E-06	2.68E-03	3.37E-03
1457	495461.06, 3858451.99	0.04548	0.0378	0.04668	6.98E-04	2.75E-06	1.25E-03	0.001953	7.13E-04	2.71E-06	1.39E-03	2.11E-03	6.78E-04	3.44E-06	2.67E-03	3.36E-03
1458	495511.06, 3858451.99	0.04501	0.03742	0.0462	6.91E-04	2.72E-06	1.24E-03	0.001933	7.06E-04	2.68E-06	1.38E-03	2.09E-03	6.71E-04	3.40E-06	2.65E-03	3.32E-03
1459	495561.06, 3858451.99	0.04503	0.03745	0.04623	6.91E-04	2.73E-06	1.24E-03	0.001934	7.06E-04	2.68E-06	1.38E-03	2.09E-03	6.71E-04	3.41E-06	2.65E-03	3.32E-03
1460	495611.06, 3858451.99	0.04447	0.03699	0.04564	6.82E-04	2.69E-06	1.22E-03	0.001909	6.97E-04	2.65E-06	1.36E-03	2.06E-03	6.62E-04	3.36E-06	2.61E-03	3.28E-03
1461	495661.06, 3858451.99	0.04437	0.03693	0.04555	6.81E-04	2.69E-06	1.22E-03	0.001905	6.96E-04	2.65E-06	1.36E-03	2.06E-03	6.61E-04	3.36E-06	2.61E-03	3.27E-03
1462	494311.06, 3858501.99	0.06124	0.05095	0.06308	9.40E-04	3.71E-06	1.69E-03	0.002635	9.60E-04	3.65E-06	1.88E-03	2.85E-03	9.12E-04	4.63E-06	3.61E-03	4.53E-03
1463	494361.06, 3858501.99	0.06064	0.05048	0.06247	9.31E-04	3.67E-06	1.68E-03	0.00261	9.51E-04	3.62E-06	1.86E-03	2.82E-03	9.03E-04	4.59E-06	3.58E-03	4.49E-03
1464	494411.06, 3858501.99	0.05996	0.04994	0.06176	9.20E-04	3.64E-06	1.66E-03	0.00258	9.40E-04	3.58E-06	1.84E-03	2.79E-03	8.93E-04	4.54E-06	3.54E-03	4.44E-03
1465	494461.06, 3858501.99	0.05951	0.04959	0.06131	9.13E-04	3.61E-06	1.64E-03	0.002561	9.33E-04	3.55E-06	1.83E-03	2.77E-03	8.87E-04	4.51E-06	3.51E-03	4.40E-03
1466	494511.06, 3858501.99	0.05862	0.04886	0.06038	9.00E-04	3.56E-06	1.62E-03	0.002523	9.19E-04	3.50E-06	1.80E-03	2.72E-03	8.73E-04	4.44E-06	3.46E-03	4.34E-03

1467	494561.06, 3858501.99	0.05863	0.0489	0.0604	9.00E-04	3.56E-06	1.62E-03	0.002523	9.19E-04	3.50E-06	1.80E-03	2.72E-03	8.73E-04	4.45E-06	3.46E-03	4.34E-03
1468	494611.06, 3858501.99	0.05786	0.04827	0.0596	8.88E-04	3.51E-06	1.60E-03	0.00249	9.07E-04	3.46E-06	1.78E-03	2.69E-03	8.62E-04	4.39E-06	3.41E-03	4.28E-03
1469	494661.06, 3858501.99	0.05735	0.04786	0.05907	8.80E-04	3.48E-06	1.58E-03	0.002468	8.99E-04	3.43E-06	1.76E-03	2.66E-03	8.54E-04	4.35E-06	3.38E-03	4.24E-03
1470	494711.06, 3858501.99	0.05648	0.04713	0.05816	8.67E-04	3.43E-06	1.56E-03	0.00243	8.86E-04	3.38E-06	1.74E-03	2.62E-03	8.41E-04	4.29E-06	3.33E-03	4.18E-03
1471	494761.06, 3858501.99	0.0555	0.04631	0.05714	8.52E-04	3.37E-06	1.53E-03	0.002388	8.70E-04	3.32E-06	1.70E-03	2.58E-03	8.27E-04	4.21E-06	3.27E-03	4.10E-03
1472	494811.06, 3858501.99	0.0546	0.04556	0.0562	8.38E-04	3.32E-06	1.51E-03	0.002348	8.56E-04	3.26E-06	1.68E-03	2.54E-03	8.13E-04	4.14E-06	3.22E-03	4.04E-03
1473	494861.06, 3858501.99	0.05396	0.04503	0.05555	8.28E-04	3.28E-06	1.49E-03	0.002321	8.46E-04	3.23E-06	1.66E-03	2.51E-03	8.04E-04	4.10E-06	3.18E-03	3.99E-03
1474	494911.06, 3858501.99	0.05276	0.04401	0.05428	8.10E-04	3.20E-06	1.46E-03	0.002269	8.27E-04	3.15E-06	1.62E-03	2.45E-03	7.86E-04	4.00E-06	3.11E-03	3.90E-03
1475	494961.06, 3858501.99	0.05213	0.04348	0.05363	8.00E-04	3.16E-06	1.44E-03	0.002241	8.17E-04	3.12E-06	1.60E-03	2.42E-03	7.77E-04	3.96E-06	3.07E-03	3.85E-03
1476	495011.06, 3858501.99	0.0511	0.04262	0.05254	7.84E-04	3.10E-06	1.41E-03	0.002196	8.01E-04	3.05E-06	1.57E-03	2.37E-03	7.61E-04	3.88E-06	3.01E-03	3.77E-03
1477	495061.06, 3858501.99	0.05065	0.04224	0.05207	7.77E-04	3.07E-06	1.40E-03	0.002177	7.94E-04	3.03E-06	1.55E-03	2.35E-03	7.55E-04	3.84E-06	2.98E-03	3.74E-03
1478	495111.06, 3858501.99	0.0494	0.04118	0.05076	7.58E-04	3.00E-06	1.36E-03	0.002122	7.75E-04	2.95E-06	1.51E-03	2.29E-03	7.36E-04	3.75E-06	2.91E-03	3.65E-03
1479	495161.06, 3858501.99	0.04859	0.0405	0.04992	7.46E-04	2.95E-06	1.34E-03	0.002087	7.62E-04	2.90E-06	1.49E-03	2.25E-03	7.24E-04	3.68E-06	2.86E-03	3.59E-03
1480	495211.06, 3858501.99	0.04781	0.03984	0.0491	7.34E-04	2.90E-06	1.32E-03	0.002053	7.50E-04	2.85E-06	1.46E-03	2.22E-03	7.12E-04	3.62E-06	2.81E-03	3.53E-03
1481	495261.06, 3858501.99	0.04725	0.03937	0.0485	7.25E-04	2.87E-06	1.30E-03	0.002029	7.41E-04	2.82E-06	1.45E-03	2.19E-03	7.04E-04	3.58E-06	2.78E-03	3.49E-03
1482	495311.06, 3858501.99	0.04691	0.03909	0.04815	7.20E-04	2.85E-06	1.29E-03	0.002014	7.36E-04	2.80E-06	1.44E-03	2.17E-03	6.99E-04	3.56E-06	2.76E-03	3.46E-03
1483	495361.06, 3858501.99	0.04658	0.03881	0.04782	7.15E-04	2.83E-06	1.28E-03	0.002	7.30E-04	2.78E-06	1.43E-03	2.16E-03	6.94E-04	3.53E-06	2.74E-03	3.44E-03
1484	495411.06, 3858501.99	0.04636	0.03863	0.0476	7.11E-04	2.81E-06	1.28E-03	0.001991	7.27E-04	2.77E-06	1.42E-03	2.15E-03	6.91E-04	3.51E-06	2.73E-03	3.42E-03
1485	495461.06, 3858501.99	0.04614	0.03846	0.04738	7.08E-04	2.80E-06	1.27E-03	0.001982	7.23E-04	2.76E-06	1.41E-03	2.14E-03	6.87E-04	3.50E-06	2.71E-03	3.41E-03
1486	495511.06, 3858501.99	0.04582	0.0382	0.04706	7.03E-04	2.78E-06	1.26E-03	0.001968	7.18E-04	2.74E-06	1.40E-03	2.13E-03	6.83E-04	3.47E-06	2.70E-03	3.38E-03
1487	495561.06, 3858501.99	0.04582	0.03821	0.04707	7.03E-04	2.78E-06	1.26E-03	0.001968	7.18E-04	2.74E-06	1.40E-03	2.13E-03	6.83E-04	3.48E-06	2.70E-03	3.38E-03
1488	495611.06, 3858501.99	0.04524	0.03776	0.04648	6.94E-04	2.75E-06	1.25E-03	0.001944	7.09E-04	2.71E-06	1.39E-03	2.10E-03	6.74E-04	3.43E-06	2.66E-03	3.34E-03
1489	495661.06, 3858501.99	0.04523	0.03774	0.04647	6.94E-04	2.75E-06	1.25E-03	0.001943	7.09E-04	2.70E-06	1.39E-03	2.10E-03	6.74E-04	3.43E-06	2.66E-03	3.34E-03
1490	494311.06, 3858551.99	0.06015	0.05015	0.06194	9.23E-04	3.65E-06	1.66E-03	0.002588	9.43E-04	3.59E-06	1.85E-03	2.79E-03	8.96E-04	4.56E-06	3.55E-03	4.45E-03
1491	494361.06, 3858551.99	0.06043	0.05045	0.06232	9.27E-04	3.67E-06	1.67E-03	0.002602	9.47E-04	3.61E-06	1.86E-03	2.81E-03	9.00E-04	4.59E-06	3.57E-03	4.47E-03
1492	494411.06, 3858551.99	0.06083	0.05084	0.06273	9.33E-04	3.70E-06	1.68E-03	0.00262	9.54E-04	3.64E-06	1.87E-03	2.83E-03	9.06E-04	4.62E-06	3.59E-03	4.50E-03
1493	494461.06, 3858551.99	0.0606	0.05069	0.06251	9.30E-04	3.69E-06	1.68E-03	0.00261	9.50E-04	3.63E-06	1.86E-03	2.82E-03	9.03E-04	4.61E-06	3.58E-03	4.49E-03
1494	494511.06, 3858551.99	0.06008	0.05028	0.06197	9.22E-04	3.66E-06	1.66E-03	0.002588	9.42E-04	3.60E-06	1.85E-03	2.79E-03	8.95E-04	4.57E-06	3.55E-03	4.45E-03
1495	494561.06, 3858551.99	0.05964	0.04994	0.06148	9.15E-04	3.64E-06	1.65E-03	0.002568	9.35E-04	3.58E-06	1.83E-03	2.77E-03	8.88E-04	4.54E-06	3.52E-03	4.41E-03
1496	494611.06, 3858551.99	0.05902	0.04941	0.06083	9.06E-04	3.60E-06	1.63E-03	0.002541	9.25E-04	3.54E-06	1.81E-03	2.74E-03	8.79E-04	4.49E-06	3.48E-03	4.37E-03
1497	494661.06, 3858551.99	0.05846	0.04897	0.06025	8.97E-04	3.56E-06	1.62E-03	0.002517	9.17E-04	3.51E-06	1.80E-03	2.72E-03	8.71E-04	4.45E-06	3.45E-03	4.33E-03
1498	494711.06, 3858551.99	0.05749	0.04814	0.05923	8.82E-04	3.50E-06	1.59E-03	0.002474	9.01E-04	3.45E-06	1.77E-03	2.67E-03	8.56E-04	4.38E-06	3.39E-03	4.25E-03
1499	494761.06, 3858551.99	0.05652	0.04734	0.05822	8.67E-04	3.45E-06	1.56E-03	0.002432	8.86E-04	3.39E-06	1.74E-03	2.63E-03	8.42E-04	4.31E-06	3.34E-03	4.18E-03
1500	494811.06, 3858551.99	0.05577	0.04671	0.05744	8.56E-04	3.40E-06	1.54E-03	0.0024	8.74E-04	3.35E-06	1.71E-03	2.59E-03	8.31E-04	4.25E-06	3.29E-03	4.13E-03
1501	494861.06, 3858551.99	0.05482	0.04591	0.05644	8.41E-04	3.34E-06	1.51E-03	0.002358	8.60E-04	3.29E-06	1.68E-03	2.55E-03	8.17E-04	4.18E-06	3.23E-03	4.05E-03
1502	494911.06, 3858551.99	0.05375	0.045	0.05532	8.25E-04	3.28E-06	1.48E-03	0.002312	8.43E-04	3.22E-06	1.65E-03	2.50E-03	8.01E-04	4.09E-06	3.17E-03	3.97E-03
1503	494961.06, 3858551.99	0.05289	0.04428	0.05443	8.12E-04	3.22E-06	1.46E-03	0.002275	8.29E-04	3.17E-06	1.62E-03	2.46E-03	7.88E-04	4.03E-06	3.12E-03	3.91E-03
1504	495011.06, 3858551.99	0.05181	0.04336	0.0533	7.95E-04	3.16E-06	1.43E-03	0.002228	8.12E-04	3.11E-06	1.59E-03	2.41E-03	7.72E-04	3.94E-06	3.05E-03	3.83E-03
1505	495061.06, 3858551.99	0.05115	0.04281	0.05262	7.85E-04	3.12E-06	1.41E-03	0.002199	8.02E-04	3.07E-06	1.57E-03	2.37E-03	7.62E-04	3.89E-06	3.01E-03	3.78E-03
1506	495111.06, 3858551.99	0.0499	0.04174	0.05128	7.66E-04	3.04E-06	1.38E-03	0.002144	7.82E-04	2.99E-06	1.53E-03	2.32E-03	7.43E-04	3.80E-06	2.94E-03	3.68E-03
1507	495161.06, 3858551.99	0.04908	0.04105	0.05043	7.53E-04	2.99E-06	1.35E-03	0.002109	7.70E-04	2.94E-06	1.50E-03	2.28E-03	7.31E-04	3.73E-06	2.89E-03	3.62E-03
1508	495211.06, 3858551.99	0.04836	0.04044	0.04968	7.42E-04	2.94E-06	1.33E-03	0.002077	7.58E-04	2.90E-06	1.48E-03	2.24E-03	7.20E-04	3.68E-06	2.85E-03	3.57E-03
1509	495261.06, 3858551.99	0.04786	0.04002	0.04916	7.34E-04	2.91E-06	1.32E-03	0.002056	7.50E-04	2.87E-06	1.47E-03	2.22E-03	7.13E-04	3.64E-06	2.82E-03	3.53E-03
1510	495311.06, 3858551.99	0.04759	0.0398	0.04889	7.30E-04	2.90E-06	1.31E-03	0.002044	7.46E-04	2.85E-06	1.46E-03	2.21E-03	7.09E-04	3.62E-06	2.80E-03	3.51E-03
1511	495361.06, 3858551.99	0.04727	0.03954	0.04856	7.25E-04	2.88E-06	1.30E-03	0.002031	7.41E-04	2.83E-06	1.45E-03	2.19E-03	7.04E-04	3.60E-06	2.78E-03	3.49E-03
1512	495411.06, 3858551.99	0.04711	0.03941	0.04841	7.23E-04	2.87E-06	1.30E-03	0.002024	7.39E-04	2.82E-06	1.44E-03	2.19E-03	7.02E-04	3.58E-06	2.77E-03	3.48E-03
1513	495461.06, 3858551.99	0.04684	0.0392	0.04814	7.19E-04	2.85E-06	1.29E-03	0.002013	7.34E-04	2.81E-06	1.44E-03	2.17E-03	6.98E-04	3.57E-06	2.76E-03	3.46E-03
1514	495511.06, 3858551.99	0.0467	0.03909	0.04801	7.17E-04	2.85E-06	1.29E-03	0.002007	7.32E-04	2.80E-06	1.43E-03	2.17E-03	6.96E-04	3.56E-06	2.75E-03	3.45E-03
1515	495561.06, 3858551.99	0.04644	0.03888	0.04774	7.13E-04	2.83E-06	1.28E-03	0.001996	7.28E-04	2.79E-06	1.42E-03	2.16E-03	6.92E-04	3.54E-06	2.73E-03	3.43E-03
1516	495611.06, 3858551.99	0.04612	0.03861	0.04741	7.08E-04	2.81E-06	1.27E-03	0.001982	7.23E-04	2.77E-06	1.41E-03	2.14E-03	6.87E-04	3.51E-06	2.72E-03	3.41E-03
1517	495661.06, 3858551.99	0.04576	0.03831	0.04704	7.02E-04	2.79E-06	1.26E-03	0.001967	7.17E-04	2.74E-06	1.40E-03	2.12E-03	6.82E-04	3.48E-06	2.69E-03	3.38E-03
1518	494311.06, 3858601.99	0.05746	0.04782	0.05903	8.82E-04	3.48E-06	1.58E-03	0.002468	9.01E-04	3.43E-06	1.76E-03	2.67E-03	8.56E-04	4.35E-06	3.38E-03	4.24E-03
1519	494361.06, 3858601.99	0.06	0.05016	0.06184	9.21E-04	3.65E-06	1.66E-03	0.002583	9.41E-04	3.59E-06	1.84E-03	2.79E-03	8.94E-04	4.56E-06	3.54E-03	4.44E-03
1520	494411.06, 3858601.99	0.06205	0.05202	0.06404	9.52E-04	3.79E-06	1.72E-03	0.002674	9.73E-04	3.73E-06	1.91E-03	2.89E-03	9.24E-04	4.73E-06	3.67E-03	4.60E-03
1521	494461.06, 3858601.99	0.06178	0.05185	0.06378	9.48E-04	3.77E-06	1.71E-03	0.002662	9.69E-04	3.72E-06	1.90E-03	2.88E-03	9.20E-04	4.72E-06	3.65E-03	4.58E-03
1522	494511.06, 3858601.99	0.06093	0.05117	0.06291	9.35E-04	3.72E-06	1.69E-03	0.002626	9.55E-04	3.67E-06	1.88E-03	2.84E-03	9.08E-04	4.65E-06	3.60E-03	4.52E-03
1523	494561.06, 3858601.99	0.06094	0.05121	0.06292	9.35E-04	3.73E-06	1.69E-03	0.002626	9.55E-04	3.67E-06	1.88E-03	2.84E-03	9.08E-04	4.66E-06	3.60E-03	4.52E-03
1524	494611.06, 3858601.99	0.0601	0.05052	0.06204	9.22E-04	3.68E-06	1.66E-03	0.00259	9.42E-04	3.62E-06	1.85E-03	2.80E-03	8.95E-04	4.60E-06	3.55E-03	4.45E-03
1525	494661.06, 3858601.99	0.05948	0.05002	0.06139	9.13E-04	3.64E-06	1.65E-03	0.002563	9.33E-04	3.58E-06	1.83E-03	2.77E-03	8.86E-04	4.55E-06	3.52E-03	4.41E-03
1526	494711.06, 3858601.99	0.05855	0.04924	0.06042	8.98E-04	3.58E-06	1.62E-03	0.002523	9.18E-04	3.53E-06	1.80E-03	2.72E-03	8.72E-04	4.48E-06	3.46E-03	4.34E-03
1527	494761.06, 3858601.99	0.05764	0.04847	0.05941	8.84E-04	3.53E-06	1.59E-03	0.002481	9.04E-04	3.47E-06	1.77E-03	2.68E-03	8.59E-04	4.41E-06	3.40E-03	4.27E-03
1528	494811.06, 3858601.99	0.05631	0.04731	0.058	8.64E-04	3.44E-06	1.56E-03	0.002423	8.83E-04	3.39E-06	1.73E-03	2.62E-03	8.39E-04	4.30E-06	3.32E-03	4.17E-03
1529	494861.06, 3858601.99	0.05558	0.0467	0.05724	8.53E-04	3.40E-06	1.54E-03	0.002391	8.71E-04	3.35E-06	1.71E-03	2.58E-03	8.28E-04	4.25E-06	3.28E-03	4.11E-03
1530	494911.06, 3858601.99	0.05435	0.04566	0.05595	8.34E-04	3.32E-06	1.50E-03	0.002338	8.52E-04	3.27E-06	1.67E-03	2.52E-03	8.10E-04	4.15E-06	3.21E-03	4.02E-03
1531	494961.06, 3858601.99	0.05349	0.04493	0.05505	8.21E-04	3.27E-06	1.48E-03	0.002301	8.39E-04	3.22E-06	1.64E-03	2.48E-03	7.97E-04	4.09E-06	3.15E-03	3.95E-03
1532	495011.06, 3858601.99	0.05259	0.04417	0.05411	8.07E-04	3.22E-06	1.45E-03	0.002261	8.25E-04	3.16E-06	1.61E-03	2.44E-03	7.83E-04	4.02E-06	3.10E-03	3.89E-03
1533	495061.06, 3858601.99	0.05166	0.04338	0.05314	7.93E-04	3.16E-06	1.43E-03	0.002221	8.10E-04	3.11E-06	1.59E-03	2.40E-03	7.70E-04	3.95E-06	3.04E-03	3.82E-03
1534	495111.06, 3858601.99	0.05031	0.04223	0.05173	7.72E-04	3.07E-06	1.39E-03	0.002163	7.89E-04	3.03E-06	1.54E-03	2.34E-03	7.49E-04	3.84E-06	2.96E-03	3.72E-03
1535	495161.06, 3858601.99	0.04959	0.04162	0.05095	7.61E-04	3.03E-06	1.37E-03	0.002131	7.78E-04	2.98E-06	1.52E-03	2.30E-03	7.39E-04	3.79E-06	2.92E-03	3.66E-03
1536	495211.06, 3858601.99	0.0491	0.04122	0.05046	7.53E-04	3.00E-06	1.35E-03	0.00211	7.70E-04	2.95E-06	1.51E-03	2.28E-03	7.31E-04	3.75E-06	2.89E-03	3.63E-03
1537	495261.06, 3858601.99	0.04856	0.04076	0.04989	7.45E-04	2.97E-06	1.34E-03	0.002086	7.61E-04	2.92E-06	1.49E-03	2.25E-03	7.23E-04	3.71E-06	2.86E-03	3.59E-03
1538	495311.06, 3858601.99	0.04815	0.04042	0.04948	7.39E-04	2.94E-06	1.33E-03	0.002069	7.55E-04	2.90E-06	1.48E-03	2.23E-03	7.17E-04	3.68E-06	2.83E-03	3.56E-03
1539	495361.06, 3858601.99	0.04791	0.04023	0.04924	7.35E-04	2.93E-06	1.32E-03	0.002059	7.51E-04	2.88E-06	1.47E-03	2.22E-03	7.14E-04	3.66E-06	2.82E-03	3.54E-03
1540	495411.06, 3858601.99	0.04767	0.04003	0.049	7.32E-04	2.91E-06	1.31E-03	0.002049	7.47E-04	2.87E-06	1.46E-03	2.21E-03	7.10E-04	3.64E-06	2.81E-03	3.52E-03
1541	495461.06, 3858601.99	0.04748	0.03988	0.04881	7.29E-04	2.90E-06	1.31E-03	0.002041	7.44E-04	2.86E-06	1.46E-03	2.20E-03	7.07E-04	3.63E-06	2.80E-03	3.51E-03
1542	495511.06, 3858601.99	0.04706	0.03953	0.04838	7.22E-04	2.88E-06	1.30E-03	0.002023	7.38E-04	2.83E-06	1.44E-03	2.18E-03	7.01E-04	3.60E-06	2.77E-03	3.48E-03
1543	495561.06, 3858601.99	0.04697	0.03946	0.0483	7.21E-04	2.87E-06	1.30E-03	0.002019	7.36E-04	2.83E-06	1.44E-03	2.18E-03	7.00E-04	3.59E-06	2.77E-03	3.47E-03
1544	495611.06, 3858601.99	0.04648	0.03905	0.0478	7.13E-04	2.84E-06	1.28E-03	0.001998	7.29E-04	2.80E-06	1.43E-03	2.16E-03	6.92E-04	3.55E-06	2.74E-03	3.43E-03
1545	495661.06, 3858601.99	0.04633	0.03893	0.04765	7.11E-04	2.83E-06	1.28E-03	0.001992	7.26E-04	2.79E-06	1.42E-03	2.15E-03	6.90E-04	3.54E-06	2.73E-03	3.42E-03
1546	494311.06, 3858651.99	0.05689	0.04737	0.05841	8.73E-04	3.45E-06	1.57E-03	0.002443	8.92E-04	3.39E-06	1.74E-03	2.64E-03	8.47E-04	4.31E-06	3.35E-03	4.20E-03
1547	494361.06, 3858651.99	0.05936	0.04966	0.06116	9.11E-04	3.61E-06	1.64E-03	0.002555	9.31E-04	3.56E-06	1.82E-03	2.76E-03	8.84E-04	4.52E-06	3.50E-03	4.39E-03
1548	494411.06, 3858651.99	0.06238	0.05242	0.06446	9.57E-04	3.82E-06	1.73E-03	0.00269	9.78E-04	3.76E-06	1.92E-03	2.90E-03	9.29E-04	4.77E-06	3.69E-03	4.63E-03
1549	494461.06, 3858651.99	0.06272	0.05276	0.0648	9.62E-04	3.84E-06	1.74E-03	0.002704	9.83E-04	3.78E-06	1.93E-03	2.92E-03	9.34E-04	4.80E-06	3.71E-03	4.65E-03
1550	494511.06, 3858651.99	0.06218	0.05235	0.06425	9.54E-04	3.81E-06	1.72E-03	0.002681	9.75E-04	3.75E-06	1.92E-03	2.90E-03	9.26E-04	4.76E-06	3.68E-03	4.61E-03
1551	494561.06, 3858651.99	0.06181	0.05209	0.06388	9.48E-04	3.79E-06	1.71E-03	0.002666	9.69E-04	3.73E-06	1.91E-03	2.88E-03	9.21E-04	4.74E-06	3.66E-03	4.58E-03
1552	494611.06, 3858651.99	0.06129	0.05169	0.06334	9.41E-04	3.76E-06	1.70E-03	0.002643	9.61E-04	3.70E-06	1.89E-03	2.85E-03	9.13E-04	4.70E-06	3.63E-03	4.55E-03
1553	494661.06, 3858651.99	0.06051	0.05104	0.06251	9.29E-04	3.72E-06	1.68E-03	0.002609	9.49E-04	3.66E-06	1.86E-03	2.82E-03	9.01E-04	4.64E-06	3.58E-03	4.49E-03
1554	494711.06, 3858651.99	0.05945	0.05015	0.06139	9.12E-04	3.65E-06	1.65E-03	0.002562	9.32E-04	3.59E-06	1.83E-03	2.77E-03	8.86E-04	4.56E-06	3.52E-03	4.41E-03
1555	494761.06, 3858651.99	0.05861	0.04946	0.06051	8.99E-04	3.60E-06	1.62E-03	0.002526	9.19E-04	3.54E-06	1.81E-03	2.73E-03	8.73E-04	4.50E-06	3.47E-03	4.34E-03
1556	494811.06, 3858651.99	0.05741	0.04844	0.05924	8.81E-04	3.53E-06	1.59E-03	0.002473	9.00E-04	3.47E-06	1.77E-03	2.67E-03	8.55E-04	4.41E-06	3.39E-03	4.25E-03
1557	494861.06, 3858651.99	0.05632	0.04751	0.05803	8.64E-04	3.46E-06	1.56E-03	0.002424	8.83E-04	3.40E-06	1.73E-03	2.62E-03	8.39E-04	4.32E-06	3.32E-03	4.17E-03
1558	494911.06, 3858651.99	0.05512	0.04645	0.05676	8.46E-04	3.38E-06	1.52E-03	0.002372	8.64E-04	3.33E-06	1.69E-03	2.56E-03	8.21E-04	4.23E-06	3.25E-03	4.08E-03
1559	494961.06, 3858651.99	0.05403	0.04553	0.05563	8.29E-04	3.31E-06	1.49E-03	0.002324	8.47E-04	3.26E-06	1.66E-03	2.51E-03	8.05E-04	4.14E-06	3.19E-03	4.00E-03
1560	495011.06, 3858651.99	0.05319	0.04483	0.05475	8.16E-04	3.26E-06	1.47E-03	0.002288	8.34E-04	3.21E-06	1.63E-03	2.47E-03	7.92E-04	4.08E-06	3.14E-03	3.93E-03
1561	495061.06, 3858651.99	0.05225	0.04403	0.05376	8.02E-04	3.21E-06	1.44E-03	0.002247	8.19E-04	3.15E-06	1.60E-03	2.43E-03	7.78E-04	4.01E-06	3.08E-03	3.86E-03
1562	495111.06, 3858651.99	0.05115	0.04309	0.05261	7.85E-04	3.14E-06	1.41E-03	0.002199	8.02E-04	3.09E-06	1.57E-03	2.37E-03	7.62E-04	3.92E-06	3.01E-03	3.78E-03
1563	495161.06, 3858651.99	0.05045	0.0425	0.05188	7.74E-04	3.09E-06	1.39E-03	0.002169	7.91E-04	3.05E-06	1.55E-03	2.34E-03	7.52E-04	3.87E-06	2.97E-03	3.73E-03
1564	495211.06, 3858651.99	0.04963	0.04181	0.05103	7.62E-04	3.04E-06	1.37E-03	0.002133	7.78E-04	3.00E-06	1.52E-03	2.30E-03	7.39E-04	3.80E-06	2.92E-03	3.67E-03

1565	495261.06, 3858651.99	0.04937	0.0416	0.05077	7.58E-04	3.03E-06	1.36E-03	0.002122	7.74E-04	2.98E-06	1.51E-03	2.29E-03	7.35E-04	3.78E-06	2.91E-03	3.65E-03
1566	495311.06, 3858651.99	0.04893	0.04124	0.05033	7.51E-04	3.00E-06	1.35E-03	0.002104	7.67E-04	2.95E-06	1.50E-03	2.27E-03	7.29E-04	3.75E-06	2.88E-03	3.62E-03
1567	495361.06, 3858651.99	0.04867	0.04103	0.05006	7.47E-04	2.99E-06	1.34E-03	0.002092	7.63E-04	2.94E-06	1.49E-03	2.26E-03	7.25E-04	3.73E-06	2.87E-03	3.60E-03
1568	495411.06, 3858651.99	0.04849	0.04089	0.04988	7.44E-04	2.98E-06	1.34E-03	0.002085	7.60E-04	2.93E-06	1.49E-03	2.25E-03	7.22E-04	3.72E-06	2.86E-03	3.58E-03
1569	495461.06, 3858651.99	0.04841	0.04084	0.04982	7.43E-04	2.97E-06	1.34E-03	0.002082	7.59E-04	2.93E-06	1.49E-03	2.25E-03	7.21E-04	3.71E-06	2.85E-03	3.58E-03
1570	495511.06, 3858651.99	0.04792	0.04043	0.04932	7.35E-04	2.94E-06	1.32E-03	0.002061	7.51E-04	2.90E-06	1.47E-03	2.23E-03	7.14E-04	3.68E-06	2.83E-03	3.54E-03
1571	495561.06, 3858651.99	0.04756	0.04013	0.04895	7.30E-04	2.92E-06	1.31E-03	0.002046	7.46E-04	2.88E-06	1.46E-03	2.21E-03	7.09E-04	3.65E-06	2.80E-03	3.52E-03
1572	495611.06, 3858651.99	0.04701	0.03965	0.04835	7.21E-04	2.89E-06	1.30E-03	0.002021	7.37E-04	2.84E-06	1.44E-03	2.18E-03	7.00E-04	3.61E-06	2.77E-03	3.47E-03
1573	495661.06, 3858651.99	0.04683	0.03951	0.04817	7.19E-04	2.88E-06	1.29E-03	0.002013	7.34E-04	2.83E-06	1.44E-03	2.17E-03	6.98E-04	3.59E-06	2.76E-03	3.46E-03
1574	494311.06, 3858701.99	0.05759	0.048	0.05916	8.84E-04	3.49E-06	1.59E-03	0.002474	9.03E-04	3.44E-06	1.76E-03	2.67E-03	8.58E-04	4.37E-06	3.39E-03	4.25E-03
1575	494361.06, 3858701.99	0.06113	0.05127	0.06309	9.38E-04	3.73E-06	1.69E-03	0.002634	9.58E-04	3.67E-06	1.88E-03	2.84E-03	9.11E-04	4.66E-06	3.61E-03	4.53E-03
1576	494411.06, 3858701.99	0.06324	0.05322	0.0654	9.70E-04	3.87E-06	1.75E-03	0.002728	9.92E-04	3.81E-06	1.95E-03	2.95E-03	9.42E-04	4.84E-06	3.75E-03	4.69E-03
1577	494461.06, 3858701.99	0.06315	0.05322	0.06533	9.69E-04	3.87E-06	1.75E-03	0.002725	9.90E-04	3.81E-06	1.95E-03	2.94E-03	9.41E-04	4.84E-06	3.74E-03	4.69E-03
1578	494511.06, 3858701.99	0.06314	0.05326	0.0653	9.69E-04	3.88E-06	1.75E-03	0.002724	9.90E-04	3.82E-06	1.95E-03	2.94E-03	9.41E-04	4.84E-06	3.74E-03	4.69E-03
1579	494561.06, 3858701.99	0.06264	0.05289	0.06479	9.61E-04	3.85E-06	1.74E-03	0.002703	9.82E-04	3.79E-06	1.93E-03	2.92E-03	9.33E-04	4.81E-06	3.71E-03	4.65E-03
1580	494611.06, 3858701.99	0.06137	0.05182	0.06343	9.42E-04	3.77E-06	1.70E-03	0.002647	9.62E-04	3.71E-06	1.89E-03	2.86E-03	9.14E-04	4.71E-06	3.63E-03	4.55E-03
1581	494661.06, 3858701.99	0.06121	0.05175	0.06328	9.39E-04	3.77E-06	1.70E-03	0.00264	9.60E-04	3.71E-06	1.89E-03	2.85E-03	9.12E-04	4.71E-06	3.62E-03	4.54E-03
1582	494711.06, 3858701.99	0.0586	0.04948	0.06049	8.99E-04	3.60E-06	1.62E-03	0.002525	9.19E-04	3.55E-06	1.80E-03	2.73E-03	8.73E-04	4.50E-06	3.47E-03	4.34E-03
1583	494761.06, 3858701.99	0.05904	0.04993	0.06098	9.06E-04	3.63E-06	1.64E-03	0.002545	9.26E-04	3.58E-06	1.82E-03	2.75E-03	8.80E-04	4.54E-06	3.49E-03	4.38E-03
1584	494811.06, 3858701.99	0.05784	0.04891	0.0597	8.88E-04	3.56E-06	1.60E-03	0.002492	9.07E-04	3.50E-06	1.78E-03	2.69E-03	8.62E-04	4.45E-06	3.42E-03	4.29E-03
1585	494861.06, 3858701.99	0.05686	0.0481	0.05867	8.73E-04	3.50E-06	1.57E-03	0.00245	8.92E-04	3.45E-06	1.75E-03	2.65E-03	8.47E-04	4.38E-06	3.36E-03	4.21E-03
1586	494911.06, 3858701.99	0.05602	0.04739	0.05779	8.60E-04	3.45E-06	1.55E-03	0.002413	8.78E-04	3.40E-06	1.72E-03	2.61E-03	8.35E-04	4.31E-06	3.31E-03	4.15E-03
1587	494961.06, 3858701.99	0.05441	0.04596	0.05602	8.35E-04	3.35E-06	1.50E-03	0.002341	8.53E-04	3.29E-06	1.67E-03	2.53E-03	8.11E-04	4.18E-06	3.21E-03	4.02E-03
1588	495011.06, 3858701.99	0.05338	0.0451	0.05494	8.19E-04	3.28E-06	1.47E-03	0.002296	8.37E-04	3.23E-06	1.64E-03	2.48E-03	7.95E-04	4.10E-06	3.15E-03	3.95E-03
1589	495061.06, 3858701.99	0.05289	0.04471	0.05444	8.12E-04	3.25E-06	1.46E-03	0.002275	8.29E-04	3.20E-06	1.62E-03	2.46E-03	7.88E-04	4.07E-06	3.12E-03	3.91E-03
1590	495111.06, 3858701.99	0.05172	0.0437	0.05321	7.94E-04	3.18E-06	1.43E-03	0.002224	8.11E-04	3.13E-06	1.59E-03	2.40E-03	7.70E-04	3.98E-06	3.05E-03	3.82E-03
1591	495161.06, 3858701.99	0.05111	0.0432	0.05258	7.84E-04	3.14E-06	1.41E-03	0.002198	8.01E-04	3.10E-06	1.57E-03	2.37E-03	7.61E-04	3.93E-06	3.01E-03	3.78E-03
1592	495211.06, 3858701.99	0.05031	0.04252	0.05174	7.72E-04	3.10E-06	1.39E-03	0.002163	7.89E-04	3.05E-06	1.54E-03	2.34E-03	7.49E-04	3.87E-06	2.96E-03	3.72E-03
1593	495261.06, 3858701.99	0.05007	0.04235	0.05151	7.68E-04	3.08E-06	1.38E-03	0.002153	7.85E-04	3.03E-06	1.54E-03	2.32E-03	7.46E-04	3.85E-06	2.95E-03	3.70E-03
1594	495311.06, 3858701.99	0.04985	0.04218	0.05129	7.65E-04	3.07E-06	1.38E-03	0.002144	7.82E-04	3.02E-06	1.53E-03	2.31E-03	7.43E-04	3.84E-06	2.94E-03	3.68E-03
1595	495361.06, 3858701.99	0.0495	0.04189	0.05094	7.60E-04	3.05E-06	1.37E-03	0.002129	7.76E-04	3.00E-06	1.52E-03	2.30E-03	7.37E-04	3.81E-06	2.92E-03	3.66E-03
1596	495411.06, 3858701.99	0.04939	0.04182	0.05083	7.58E-04	3.04E-06	1.36E-03	0.002124	7.74E-04	3.00E-06	1.52E-03	2.29E-03	7.36E-04	3.80E-06	2.91E-03	3.65E-03
1597	495461.06, 3858701.99	0.04912	0.0416	0.05056	7.54E-04	3.03E-06	1.36E-03	0.002113	7.70E-04	2.98E-06	1.51E-03	2.28E-03	7.32E-04	3.78E-06	2.90E-03	3.63E-03
1598	495511.06, 3858701.99	0.04872	0.04127	0.05016	7.48E-04	3.00E-06	1.35E-03	0.002096	7.64E-04	2.96E-06	1.50E-03	2.26E-03	7.26E-04	3.75E-06	2.87E-03	3.60E-03
1599	495561.06, 3858701.99	0.04825	0.04087	0.04967	7.40E-04	2.98E-06	1.33E-03	0.002076	7.57E-04	2.93E-06	1.48E-03	2.24E-03	7.19E-04	3.72E-06	2.85E-03	3.57E-03
1600	495611.06, 3858701.99	0.04777	0.04046	0.04918	7.33E-04	2.95E-06	1.32E-03	0.002055	7.49E-04	2.90E-06	1.47E-03	2.22E-03	7.12E-04	3.68E-06	2.82E-03	3.53E-03
1601	495661.06, 3858701.99	0.04747	0.04021	0.04887	7.28E-04	2.93E-06	1.31E-03	0.002042	7.44E-04	2.88E-06	1.46E-03	2.21E-03	7.07E-04	3.66E-06	2.80E-03	3.51E-03
1602	494311.06, 3858751.99	0.05844	0.04882	0.06016	8.97E-04	3.55E-06	1.61E-03	0.002514	9.16E-04	3.50E-06	1.79E-03	2.71E-03	8.71E-04	4.44E-06	3.45E-03	4.32E-03
1603	494361.06, 3858751.99	0.06267	0.05265	0.06478	9.62E-04	3.83E-06	1.74E-03	0.002703	9.83E-04	3.77E-06	1.93E-03	2.92E-03	9.34E-04	4.79E-06	3.71E-03	4.65E-03
1604	494411.06, 3858751.99	0.06426	0.05416	0.06655	9.86E-04	3.94E-06	1.78E-03	0.002775	1.01E-03	3.88E-06	1.99E-03	3.00E-03	9.57E-04	4.93E-06	3.81E-03	4.77E-03
1605	494461.06, 3858751.99	0.06415	0.05414	0.06646	9.84E-04	3.94E-06	1.78E-03	0.002771	1.01E-03	3.88E-06	1.98E-03	2.99E-03	9.56E-04	4.92E-06	3.81E-03	4.77E-03
1606	494511.06, 3858751.99	0.06432	0.05433	0.06661	9.87E-04	3.95E-06	1.79E-03	0.002777	1.01E-03	3.89E-06	1.99E-03	3.00E-03	9.58E-04	4.94E-06	3.82E-03	4.78E-03
1607	494561.06, 3858751.99	0.06342	0.05364	0.0657	9.73E-04	3.90E-06	1.76E-03	0.002739	9.94E-04	3.84E-06	1.96E-03	2.96E-03	9.45E-04	4.88E-06	3.76E-03	4.71E-03
1608	494611.06, 3858751.99	0.0624	0.0528	0.0646	9.58E-04	3.84E-06	1.73E-03	0.002694	9.78E-04	3.78E-06	1.93E-03	2.91E-03	9.30E-04	4.80E-06	3.70E-03	4.63E-03
1609	494661.06, 3858751.99	0.06168	0.05224	0.06386	9.46E-04	3.80E-06	1.71E-03	0.002663	9.67E-04	3.74E-06	1.91E-03	2.88E-03	9.19E-04	4.75E-06	3.66E-03	4.58E-03
1610	494711.06, 3858751.99	0.06016	0.05095	0.06223	9.23E-04	3.71E-06	1.67E-03	0.002596	9.43E-04	3.65E-06	1.86E-03	2.80E-03	8.96E-04	4.63E-06	3.56E-03	4.47E-03
1611	494761.06, 3858751.99	0.05979	0.05065	0.0618	9.17E-04	3.69E-06	1.66E-03	0.002579	9.37E-04	3.63E-06	1.84E-03	2.78E-03	8.91E-04	4.61E-06	3.54E-03	4.44E-03
1612	494811.06, 3858751.99	0.05847	0.04954	0.0604	8.97E-04	3.61E-06	1.62E-03	0.002521	9.17E-04	3.55E-06	1.80E-03	2.72E-03	8.71E-04	4.51E-06	3.46E-03	4.34E-03
1613	494861.06, 3858751.99	0.05732	0.04857	0.05918	8.80E-04	3.54E-06	1.59E-03	0.00247	8.99E-04	3.48E-06	1.77E-03	2.67E-03	8.54E-04	4.42E-06	3.39E-03	4.25E-03
1614	494911.06, 3858751.99	0.05605	0.0475	0.05783	8.60E-04	3.46E-06	1.55E-03	0.002415	8.79E-04	3.40E-06	1.73E-03	2.61E-03	8.35E-04	4.32E-06	3.31E-03	4.15E-03
1615	494961.06, 3858751.99	0.05514	0.04673	0.05687	8.46E-04	3.40E-06	1.53E-03	0.002375	8.65E-04	3.35E-06	1.70E-03	2.56E-03	8.21E-04	4.25E-06	3.26E-03	4.08E-03
1616	495011.06, 3858751.99	0.0545	0.04621	0.0562	8.36E-04	3.36E-06	1.51E-03	0.002347	8.55E-04	3.31E-06	1.68E-03	2.53E-03	8.12E-04	4.20E-06	3.22E-03	4.04E-03
1617	495061.06, 3858751.99	0.05357	0.04539	0.05517	8.22E-04	3.30E-06	1.48E-03	0.002305	8.40E-04	3.25E-06	1.65E-03	2.49E-03	7.98E-04	4.13E-06	3.16E-03	3.96E-03
1618	495111.06, 3858751.99	0.05248	0.04446	0.05402	8.05E-04	3.24E-06	1.45E-03	0.002257	8.23E-04	3.19E-06	1.61E-03	2.44E-03	7.82E-04	4.04E-06	3.09E-03	3.88E-03
1619	495161.06, 3858751.99	0.05183	0.04393	0.05335	7.95E-04	3.20E-06	1.43E-03	0.002229	8.13E-04	3.15E-06	1.59E-03	2.41E-03	7.72E-04	4.00E-06	3.06E-03	3.83E-03
1620	495211.06, 3858751.99	0.05102	0.04325	0.05251	7.83E-04	3.15E-06	1.41E-03	0.002194	8.00E-04	3.10E-06	1.57E-03	2.37E-03	7.60E-04	3.93E-06	3.01E-03	3.77E-03
1621	495261.06, 3858751.99	0.05075	0.04305	0.05223	7.79E-04	3.13E-06	1.40E-03	0.002183	7.96E-04	3.08E-06	1.56E-03	2.36E-03	7.56E-04	3.92E-06	2.99E-03	3.75E-03
1622	495311.06, 3858751.99	0.05054	0.0429	0.05202	7.76E-04	3.12E-06	1.40E-03	0.002174	7.92E-04	3.07E-06	1.55E-03	2.35E-03	7.53E-04	3.90E-06	2.98E-03	3.74E-03
1623	495361.06, 3858751.99	0.05021	0.04263	0.05169	7.70E-04	3.10E-06	1.39E-03	0.00216	7.87E-04	3.05E-06	1.54E-03	2.33E-03	7.48E-04	3.88E-06	2.96E-03	3.71E-03
1624	495411.06, 3858751.99	0.05016	0.04262	0.05165	7.70E-04	3.10E-06	1.39E-03	0.002158	7.86E-04	3.05E-06	1.54E-03	2.33E-03	7.47E-04	3.88E-06	2.96E-03	3.71E-03
1625	495461.06, 3858751.99	0.04988	0.0424	0.05138	7.65E-04	3.09E-06	1.38E-03	0.002147	7.82E-04	3.04E-06	1.53E-03	2.32E-03	7.43E-04	3.86E-06	2.94E-03	3.69E-03
1626	495511.06, 3858751.99	0.04948	0.04207	0.05096	7.59E-04	3.06E-06	1.37E-03	0.002129	7.76E-04	3.01E-06	1.52E-03	2.30E-03	7.37E-04	3.83E-06	2.92E-03	3.66E-03
1627	495561.06, 3858751.99	0.04902	0.04168	0.05049	7.52E-04	3.03E-06	1.35E-03	0.002109	7.69E-04	2.99E-06	1.51E-03	2.28E-03	7.30E-04	3.79E-06	2.89E-03	3.63E-03
1628	495611.06, 3858751.99	0.04856	0.0413	0.05002	7.45E-04	3.01E-06	1.34E-03	0.00209	7.61E-04	2.96E-06	1.49E-03	2.26E-03	7.23E-04	3.76E-06	2.87E-03	3.59E-03
1629	495661.06, 3858751.99	0.04819	0.04099	0.04964	7.39E-04	2.98E-06	1.33E-03	0.002074	7.56E-04	2.94E-06	1.48E-03	2.24E-03	7.18E-04	3.73E-06	2.84E-03	3.57E-03
1630	494311.06, 3858801.99	0.06014	0.05034	0.06203	9.23E-04	3.66E-06	1.66E-03	0.00259	9.43E-04	3.61E-06	1.85E-03	2.80E-03	8.96E-04	4.58E-06	3.55E-03	4.45E-03
1631	494361.06, 3858801.99	0.06386	0.05372	0.06611	9.80E-04	3.91E-06	1.77E-03	0.002757	1.00E-03	3.85E-06	1.97E-03	2.98E-03	9.51E-04	4.89E-06	3.79E-03	4.74E-03
1632	494411.06, 3858801.99	0.06466	0.05452	0.06702	9.92E-04	3.97E-06	1.80E-03	0.002794	1.01E-03	3.91E-06	2.00E-03	3.02E-03	9.63E-04	4.96E-06	3.84E-03	4.81E-03
1633	494461.06, 3858801.99	0.06499	0.05489	0.0674	9.97E-04	4.00E-06	1.81E-03	0.002809	1.02E-03	3.93E-06	2.01E-03	3.03E-03	9.68E-04	4.99E-06	3.86E-03	4.83E-03
1634	494511.06, 3858801.99	0.06525	0.05516	0.06766	1.00E-03	4.02E-06	1.81E-03	0.00282	1.02E-03	3.95E-06	2.02E-03	3.05E-03	9.72E-04	5.02E-06	3.88E-03	4.85E-03
1635	494561.06, 3858801.99	0.06487	0.05491	0.06727	9.95E-04	4.00E-06	1.80E-03	0.002804	1.02E-03	3.93E-06	2.01E-03	3.03E-03	9.66E-04	4.99E-06	3.85E-03	4.82E-03
1636	494611.06, 3858801.99	0.06419	0.05438	0.06655	9.85E-04	3.96E-06	1.78E-03	0.002774	1.01E-03	3.90E-06	1.99E-03	3.00E-03	9.56E-04	4.95E-06	3.81E-03	4.77E-03
1637	494661.06, 3858801.99	0.06308	0.05347	0.06537	9.68E-04	3.89E-06	1.75E-03	0.002725	9.89E-04	3.83E-06	1.95E-03	2.94E-03	9.40E-04	4.86E-06	3.74E-03	4.69E-03
1638	494711.06, 3858801.99	0.06179	0.05239	0.06398	9.48E-04	3.81E-06	1.72E-03	0.002668	9.69E-04	3.75E-06	1.91E-03	2.88E-03	9.20E-04	4.77E-06	3.67E-03	4.59E-03
1639	494761.06, 3858801.99	0.06029	0.05113	0.06238	9.25E-04	3.72E-06	1.67E-03	0.002602	9.45E-04	3.66E-06	1.86E-03	2.81E-03	8.98E-04	4.65E-06	3.57E-03	4.48E-03
1640	494811.06, 3858801.99	0.05877	0.04984	0.06074	9.02E-04	3.63E-06	1.63E-03	0.002535	9.21E-04	3.57E-06	1.81E-03	2.74E-03	8.76E-04	4.53E-06	3.48E-03	4.36E-03
1641	494861.06, 3858801.99	0.05795	0.04917	0.05991	8.89E-04	3.58E-06	1.61E-03	0.0025	9.09E-04	3.52E-06	1.79E-03	2.70E-03	8.63E-04	4.47E-06	3.43E-03	4.30E-03
1642	494911.06, 3858801.99	0.05673	0.04814	0.05858	8.71E-04	3.50E-06	1.57E-03	0.002445	8.89E-04	3.45E-06	1.75E-03	2.64E-03	8.45E-04	4.38E-06	3.36E-03	4.21E-03
1643	494961.06, 3858801.99	0.05582	0.04739	0.05762	8.57E-04	3.45E-06	1.55E-03	0.002405	8.75E-04	3.40E-06	1.72E-03	2.60E-03	8.32E-04	4.31E-06	3.30E-03	4.14E-03
1644	495011.06, 3858801.99	0.05487	0.0466	0.05661	8.42E-04	3.39E-06	1.52E-03	0.002364	8.60E-04	3.34E-06	1.69E-03	2.55E-03	8.17E-04	4.24E-06	3.24E-03	4.06E-03
1645	495061.06, 3858801.99	0.05425	0.0461	0.05596	8.32E-04	3.36E-06	1.50E-03	0.002337	8.51E-04	3.30E-06	1.67E-03	2.52E-03	8.08E-04	4.19E-06	3.21E-03	4.02E-03
1646	495111.06, 3858801.99	0.05305	0.04507	0.05464	8.14E-04	3.28E-06	1.47E-03	0.002283	8.32E-04	3.23E-06	1.63E-03	2.47E-03	7.90E-04	4.10E-06	3.13E-03	3.92E-03
1647	495161.06, 3858801.99	0.05217	0.0443	0.05371	8.01E-04	3.22E-06	1.44E-03	0.002244	8.18E-04	3.17E-06	1.60E-03	2.42E-03	7.77E-04	4.03E-06	3.08E-03	3.86E-03
1648	495211.06, 3858801.99	0.05168	0.04391	0.05321	7.93E-04	3.20E-06	1.43E-03	0.002223	8.10E-04	3.15E-06	1.59E-03	2.40E-03	7.70E-04	3.99E-06	3.05E-03	3.82E-03
1649	495261.06, 3858801.99	0.05143	0.04373	0.05296	7.89E-04	3.18E-06	1.42E-03	0.002213	8.06E-04	3.13E-06	1.58E-03	2.39E-03	7.66E-04	3.98E-06	3.03E-03	3.80E-03
1650	495311.06, 3858801.99	0.05127	0.04362	0.0528	7.87E-04	3.18E-06	1.42E-03	0.002206	8.04E-04	3.13E-06	1.58E-03	2.38E-03	7.64E-04	3.97E-06	3.02E-03	3.79E-03
1651	495361.06, 3858801.99	0.05097	0.0434	0.0525	7.82E-04	3.16E-06	1.41E-03	0.002193	7.99E-04	3.11E-06	1.57E-03	2.37E-03	7.59E-04	3.95E-06	3.01E-03	3.77E-03
1652	495411.06, 3858801.99	0.05105	0.04351	0.0526	7.83E-04	3.17E-06	1.41E-03	0.002197	8.00E-04	3.12E-06	1.57E-03	2.37E-03	7.60E-04	3.96E-06	3.01E-03	3.78E-03
1653	495461.06, 3858801.99	0.05071	0.04324	0.05226	7.78E-04	3.15E-06	1.40E-03	0.002183	7.95E-04	3.10E-06	1.56E-03	2.36E-03	7.55E-04	3.93E-06	2.99E-03	3.75E-03
1654	495511.06, 3858801.99	0.05024	0.04285	0.05177	7.71E-04	3.12E-06	1.39E-03	0.002163	7.88E-04	3.07E-06	1.54E-03	2.34E-03	7.48E-04	3.90E-06	2.97E-03	3.72E-03
1655	495561.06, 3858801.99	0.04984	0.04253	0.05136	7.65E-04	3.10E-06	1.38E-03	0.002145	7.81E-04	3.05E-06	1.53E-03	2.32E-03	7.42E-04	3.87E-06	2.94E-03	3.69E-03
1656	495611.06, 3858801.99	0.04926	0.04204	0.05076	7.56E-04	3.06E-06	1.36E-03	0.00212	7.72E-04	3.01E-06	1.51E-03	2.29E-03	7.34E-04	3.82E-06	2.91E-03	3.65E-03
1657	495661.06, 3858801.99	0.04897	0.04181	0.05047	7.51E-04	3.04E-06	1.35E-03	0.002108	7.68E-04	3.00E-06	1.51E-03	2.28E-03	7.30E-04	3.80E-06	2.89E-03	3.62E-03
1658	494311.06, 3858851.99	0.06419	0.05396	0.06648	9.85E-04	3.93E-06	1.78E-03	0.002772	1.01E-03	3.87E-06	1.98E-03	2.99E-03	9.56E-04	4.91E-06	3.81E-03	4.77E-03
1659	494361.06, 3858851.99	0.06629	0.05591	0.06882	1.02E-03	4.07E-06	1.85E-03	0.002867	1.04E-03	4.01E-06	2.05E-03	3.10E-03	9.88E-04	5.09E-06	3.94E-03	4.93E-03
1660	494411.06, 3858851.99	0.06601	0.05573	0.06854	1.01E-03	4.06E-06	1.84E-03	0.002855	1.03E-03	3.99E-06	2.04E-03	3.08E-03	9.83E-04	5.07E-06	3.93E-03	4.91E-03
1661	494461.06, 3858851.99	0.06605	0.05584	0.0686	1.01E-03	4.06E-06	1.84E-03	0.002857	1.04E-03	4.00E-06	2.05E-03	3.09E-03	9.84E-04	5.08E-06	3.93E-03	4.92E-03
1662	494511.06, 3858851.99	0.06602	0.05584	0.06854	1.01E-03	4.06E-06	1.84E-03	0.002855	1.04E-03	4.00E-06	2.04E-03	3.08E-03	9.84E-04	5.08E-06	3.93E-03	4.91E-03

1663	494561.06, 3858851.99	0.06553	0.05548	0.06803	1.01E-03	4.04E-06	1.82E-03	0.002834	1.03E-03	3.98E-06	2.03E-03	3.06E-03	9.76E-04	5.05E-06	3.90E-03	4.88E-03
1664	494611.06, 3858851.99	0.06468	0.05481	0.06712	9.93E-04	3.99E-06	1.80E-03	0.002797	1.01E-03	3.93E-06	2.00E-03	3.02E-03	9.64E-04	4.99E-06	3.84E-03	4.81E-03
1665	494661.06, 3858851.99	0.06362	0.05394	0.06599	9.76E-04	3.93E-06	1.77E-03	0.00275	9.98E-04	3.86E-06	1.97E-03	2.97E-03	9.48E-04	4.91E-06	3.78E-03	4.73E-03
1666	494711.06, 3858851.99	0.06211	0.05266	0.06435	9.53E-04	3.83E-06	1.73E-03	0.002683	9.74E-04	3.77E-06	1.92E-03	2.90E-03	9.25E-04	4.79E-06	3.69E-03	4.62E-03
1667	494761.06, 3858851.99	0.06066	0.05145	0.0628	9.31E-04	3.75E-06	1.68E-03	0.002619	9.51E-04	3.69E-06	1.87E-03	2.83E-03	9.04E-04	4.68E-06	3.60E-03	4.51E-03
1668	494811.06, 3858851.99	0.05946	0.05045	0.06152	9.12E-04	3.67E-06	1.65E-03	0.002566	9.32E-04	3.61E-06	1.84E-03	2.77E-03	8.86E-04	4.59E-06	3.52E-03	4.41E-03
1669	494861.06, 3858851.99	0.05867	0.04982	0.06068	9.00E-04	3.63E-06	1.63E-03	0.002531	9.20E-04	3.57E-06	1.81E-03	2.73E-03	8.74E-04	4.53E-06	3.48E-03	4.35E-03
1670	494911.06, 3858851.99	0.05757	0.0489	0.0595	8.83E-04	3.56E-06	1.60E-03	0.002483	9.03E-04	3.50E-06	1.78E-03	2.68E-03	8.58E-04	4.45E-06	3.41E-03	4.27E-03
1671	494961.06, 3858851.99	0.05661	0.04811	0.05849	8.69E-04	3.50E-06	1.57E-03	0.002441	8.88E-04	3.45E-06	1.74E-03	2.64E-03	8.43E-04	4.38E-06	3.35E-03	4.20E-03
1672	495011.06, 3858851.99	0.05583	0.04748	0.05767	8.57E-04	3.46E-06	1.55E-03	0.002407	8.75E-04	3.40E-06	1.72E-03	2.60E-03	8.32E-04	4.32E-06	3.30E-03	4.14E-03
1673	495061.06, 3858851.99	0.05491	0.04672	0.05669	8.43E-04	3.40E-06	1.52E-03	0.002366	8.61E-04	3.35E-06	1.69E-03	2.56E-03	8.18E-04	4.25E-06	3.25E-03	4.07E-03
1674	495111.06, 3858851.99	0.0533	0.04533	0.05497	8.18E-04	3.30E-06	1.47E-03	0.002296	8.36E-04	3.25E-06	1.64E-03	2.48E-03	7.94E-04	4.12E-06	3.15E-03	3.95E-03
1675	495161.06, 3858851.99	0.05245	0.04462	0.05407	8.05E-04	3.25E-06	1.45E-03	0.002258	8.22E-04	3.20E-06	1.61E-03	2.44E-03	7.81E-04	4.06E-06	3.10E-03	3.88E-03
1676	495211.06, 3858851.99	0.05244	0.04467	0.05408	8.05E-04	3.25E-06	1.45E-03	0.002258	8.22E-04	3.20E-06	1.61E-03	2.44E-03	7.81E-04	4.06E-06	3.10E-03	3.88E-03
1677	495261.06, 3858851.99	0.05217	0.04448	0.05381	8.01E-04	3.24E-06	1.44E-03	0.002247	8.18E-04	3.19E-06	1.61E-03	2.43E-03	7.77E-04	4.05E-06	3.08E-03	3.86E-03
1678	495311.06, 3858851.99	0.05208	0.04444	0.05373	7.99E-04	3.23E-06	1.44E-03	0.002243	8.17E-04	3.18E-06	1.60E-03	2.42E-03	7.76E-04	4.04E-06	3.08E-03	3.86E-03
1679	495361.06, 3858851.99	0.05186	0.0443	0.05351	7.96E-04	3.22E-06	1.44E-03	0.002234	8.13E-04	3.17E-06	1.60E-03	2.41E-03	7.73E-04	4.03E-06	3.07E-03	3.84E-03
1680	495411.06, 3858851.99	0.05165	0.04415	0.0533	7.93E-04	3.21E-06	1.43E-03	0.002225	8.10E-04	3.16E-06	1.59E-03	2.40E-03	7.69E-04	4.02E-06	3.05E-03	3.83E-03
1681	495461.06, 3858851.99	0.05148	0.04405	0.05314	7.90E-04	3.21E-06	1.43E-03	0.002218	8.07E-04	3.16E-06	1.59E-03	2.40E-03	7.67E-04	4.01E-06	3.04E-03	3.82E-03
1682	495511.06, 3858851.99	0.05113	0.04378	0.0528	7.85E-04	3.19E-06	1.42E-03	0.002204	8.02E-04	3.14E-06	1.58E-03	2.38E-03	7.62E-04	3.98E-06	3.02E-03	3.79E-03
1683	495561.06, 3858851.99	0.05038	0.04313	0.05194	7.73E-04	3.14E-06	1.39E-03	0.002169	7.90E-04	3.09E-06	1.55E-03	2.34E-03	7.51E-04	3.92E-06	2.98E-03	3.73E-03
1684	495611.06, 3858851.99	0.04976	0.04257	0.05129	7.64E-04	3.10E-06	1.38E-03	0.002142	7.80E-04	3.05E-06	1.53E-03	2.31E-03	7.41E-04	3.87E-06	2.94E-03	3.68E-03
1685	495661.06, 3858851.99	0.04959	0.04245	0.05113	7.61E-04	3.09E-06	1.37E-03	0.002135	7.78E-04	3.04E-06	1.53E-03	2.31E-03	7.39E-04	3.86E-06	2.93E-03	3.67E-03
1686	494311.06, 3858901.99	0.06577	0.05542	0.06826	1.01E-03	4.03E-06	1.83E-03	0.002844	1.03E-03	3.97E-06	2.04E-03	3.07E-03	9.80E-04	5.04E-06	3.91E-03	4.90E-03
1687	494361.06, 3858901.99	0.0673	0.05684	0.06997	1.03E-03	4.14E-06	1.88E-03	0.002913	1.06E-03	4.07E-06	2.09E-03	3.15E-03	1.00E-03	5.17E-06	4.01E-03	5.02E-03
1688	494411.06, 3858901.99	0.06732	0.05692	0.07002	1.03E-03	4.14E-06	1.88E-03	0.002915	1.06E-03	4.08E-06	2.09E-03	3.15E-03	1.00E-03	5.18E-06	4.01E-03	5.02E-03
1689	494461.06, 3858901.99	0.06752	0.05711	0.0702	1.04E-03	4.16E-06	1.88E-03	0.002923	1.06E-03	4.09E-06	2.09E-03	3.16E-03	1.01E-03	5.19E-06	4.02E-03	5.03E-03
1690	494511.06, 3858901.99	0.06732	0.05701	0.07001	1.03E-03	4.15E-06	1.88E-03	0.002915	1.06E-03	4.08E-06	2.09E-03	3.15E-03	1.00E-03	5.19E-06	4.01E-03	5.02E-03
1691	494561.06, 3858901.99	0.06645	0.05631	0.06908	1.02E-03	4.10E-06	1.85E-03	0.002877	1.04E-03	4.03E-06	2.06E-03	3.11E-03	9.90E-04	5.12E-06	3.96E-03	4.95E-03
1692	494611.06, 3858901.99	0.06495	0.05504	0.06745	9.97E-04	4.01E-06	1.81E-03	0.00281	1.02E-03	3.94E-06	2.01E-03	3.03E-03	9.68E-04	5.01E-06	3.86E-03	4.84E-03
1693	494661.06, 3858901.99	0.06412	0.05437	0.06656	9.84E-04	3.96E-06	1.79E-03	0.002773	1.01E-03	3.90E-06	1.99E-03	2.99E-03	9.55E-04	4.95E-06	3.81E-03	4.77E-03
1694	494711.06, 3858901.99	0.06274	0.05322	0.06508	9.63E-04	3.87E-06	1.75E-03	0.002712	9.84E-04	3.81E-06	1.94E-03	2.93E-03	9.35E-04	4.84E-06	3.73E-03	4.67E-03
1695	494761.06, 3858901.99	0.06113	0.05185	0.06334	9.38E-04	3.77E-06	1.70E-03	0.002641	9.58E-04	3.72E-06	1.89E-03	2.85E-03	9.11E-04	4.72E-06	3.63E-03	4.54E-03
1696	494811.06, 3858901.99	0.06018	0.05108	0.06232	9.23E-04	3.72E-06	1.67E-03	0.002599	9.44E-04	3.66E-06	1.86E-03	2.81E-03	8.97E-04	4.65E-06	3.57E-03	4.47E-03
1697	494861.06, 3858901.99	0.05945	0.0505	0.06155	9.12E-04	3.68E-06	1.65E-03	0.002567	9.32E-04	3.62E-06	1.84E-03	2.77E-03	8.86E-04	4.59E-06	3.53E-03	4.42E-03
1698	494911.06, 3858901.99	0.0579	0.04919	0.05989	8.88E-04	3.58E-06	1.61E-03	0.002498	9.08E-04	3.52E-06	1.79E-03	2.70E-03	8.63E-04	4.47E-06	3.43E-03	4.30E-03
1699	494961.06, 3858901.99	0.05705	0.0485	0.05899	8.75E-04	3.53E-06	1.58E-03	0.002461	8.94E-04	3.48E-06	1.76E-03	2.66E-03	8.50E-04	4.41E-06	3.38E-03	4.23E-03
1700	495011.06, 3858901.99	0.05623	0.04783	0.05812	8.63E-04	3.48E-06	1.56E-03	0.002425	8.82E-04	3.43E-06	1.73E-03	2.62E-03	8.38E-04	4.35E-06	3.33E-03	4.17E-03
1701	495061.06, 3858901.99	0.05506	0.04685	0.05687	8.45E-04	3.41E-06	1.53E-03	0.002374	8.63E-04	3.36E-06	1.70E-03	2.56E-03	8.20E-04	4.26E-06	3.26E-03	4.08E-03
1702	495111.06, 3858901.99	0.05342	0.04545	0.05512	8.20E-04	3.31E-06	1.48E-03	0.002301	8.38E-04	3.26E-06	1.64E-03	2.49E-03	7.96E-04	4.13E-06	3.16E-03	3.96E-03
1703	495161.06, 3858901.99	0.05291	0.04505	0.05458	8.12E-04	3.28E-06	1.46E-03	0.002279	8.30E-04	3.23E-06	1.63E-03	2.46E-03	7.88E-04	4.10E-06	3.13E-03	3.92E-03
1704	495211.06, 3858901.99	0.05316	0.04533	0.05487	8.16E-04	3.30E-06	1.47E-03	0.002291	8.34E-04	3.25E-06	1.64E-03	2.47E-03	7.92E-04	4.12E-06	3.14E-03	3.94E-03
1705	495261.06, 3858901.99	0.05301	0.04526	0.05473	8.13E-04	3.29E-06	1.47E-03	0.002285	8.31E-04	3.24E-06	1.63E-03	2.47E-03	7.90E-04	4.12E-06	3.14E-03	3.93E-03
1706	495311.06, 3858901.99	0.05273	0.04506	0.05445	8.09E-04	3.28E-06	1.46E-03	0.002273	8.27E-04	3.23E-06	1.62E-03	2.45E-03	7.86E-04	4.10E-06	3.12E-03	3.91E-03
1707	495361.06, 3858901.99	0.0525	0.04491	0.05421	8.06E-04	3.27E-06	1.45E-03	0.002263	8.23E-04	3.22E-06	1.62E-03	2.44E-03	7.82E-04	4.09E-06	3.11E-03	3.89E-03
1708	495411.06, 3858901.99	0.05248	0.04494	0.05421	8.05E-04	3.27E-06	1.45E-03	0.002263	8.23E-04	3.22E-06	1.62E-03	2.44E-03	7.82E-04	4.09E-06	3.11E-03	3.89E-03
1709	495461.06, 3858901.99	0.05211	0.04466	0.05383	8.00E-04	3.25E-06	1.44E-03	0.002247	8.17E-04	3.20E-06	1.61E-03	2.43E-03	7.76E-04	4.06E-06	3.08E-03	3.86E-03
1710	495511.06, 3858901.99	0.05155	0.0442	0.05324	7.91E-04	3.22E-06	1.43E-03	0.002222	8.08E-04	3.17E-06	1.59E-03	2.40E-03	7.68E-04	4.02E-06	3.05E-03	3.82E-03
1711	495561.06, 3858901.99	0.05109	0.04383	0.05277	7.84E-04	3.19E-06	1.42E-03	0.002202	8.01E-04	3.14E-06	1.57E-03	2.38E-03	7.61E-04	3.99E-06	3.02E-03	3.79E-03
1712	495611.06, 3858901.99	0.05047	0.04331	0.05212	7.74E-04	3.15E-06	1.40E-03	0.002176	7.91E-04	3.10E-06	1.55E-03	2.35E-03	7.52E-04	3.94E-06	2.99E-03	3.74E-03
1713	495661.06, 3858901.99	0.05036	0.04326	0.05202	7.73E-04	3.15E-06	1.40E-03	0.002171	7.90E-04	3.10E-06	1.55E-03	2.34E-03	7.50E-04	3.94E-06	2.98E-03	3.73E-03
1714	494311.06, 3858951.99	0.06826	0.05772	0.07105	1.05E-03	4.20E-06	1.91E-03	0.002957	1.07E-03	4.14E-06	2.12E-03	3.19E-03	1.02E-03	5.25E-06	4.07E-03	5.09E-03
1715	494361.06, 3858951.99	0.06878	0.05822	0.07164	1.06E-03	4.24E-06	1.92E-03	0.002981	1.08E-03	4.17E-06	2.14E-03	3.22E-03	1.02E-03	5.30E-06	4.10E-03	5.13E-03
1716	494411.06, 3858951.99	0.06814	0.05772	0.07097	1.05E-03	4.20E-06	1.90E-03	0.002953	1.07E-03	4.14E-06	2.12E-03	3.19E-03	1.02E-03	5.25E-06	4.07E-03	5.09E-03
1717	494461.06, 3858951.99	0.06839	0.05793	0.07119	1.05E-03	4.22E-06	1.91E-03	0.002963	1.07E-03	4.15E-06	2.12E-03	3.20E-03	1.02E-03	5.27E-06	4.08E-03	5.10E-03
1718	494511.06, 3858951.99	0.0679	0.05756	0.07069	1.04E-03	4.19E-06	1.90E-03	0.002942	1.06E-03	4.12E-06	2.11E-03	3.18E-03	1.01E-03	5.24E-06	4.05E-03	5.07E-03
1719	494561.06, 3858951.99	0.06705	0.05687	0.06978	1.03E-03	4.14E-06	1.87E-03	0.002905	1.05E-03	4.07E-06	2.08E-03	3.14E-03	9.99E-04	5.17E-06	4.00E-03	5.00E-03
1720	494611.06, 3858951.99	0.0658	0.05582	0.06843	1.01E-03	4.06E-06	1.84E-03	0.002849	1.03E-03	4.00E-06	2.04E-03	3.08E-03	9.80E-04	5.08E-06	3.92E-03	4.91E-03
1721	494661.06, 3858951.99	0.06465	0.05485	0.06718	9.92E-04	3.99E-06	1.80E-03	0.002798	1.01E-03	3.93E-06	2.00E-03	3.02E-03	9.63E-04	4.99E-06	3.85E-03	4.82E-03
1722	494711.06, 3858951.99	0.06302	0.05347	0.06542	9.67E-04	3.89E-06	1.75E-03	0.002726	9.88E-04	3.83E-06	1.95E-03	2.94E-03	9.39E-04	4.86E-06	3.75E-03	4.69E-03
1723	494761.06, 3858951.99	0.06182	0.05247	0.06413	9.49E-04	3.82E-06	1.72E-03	0.002672	9.69E-04	3.76E-06	1.91E-03	2.89E-03	9.21E-04	4.77E-06	3.67E-03	4.60E-03
1724	494811.06, 3858951.99	0.06099	0.0518	0.06325	9.36E-04	3.77E-06	1.70E-03	0.002636	9.56E-04	3.71E-06	1.89E-03	2.85E-03	9.09E-04	4.71E-06	3.62E-03	4.54E-03
1725	494861.06, 3858951.99	0.06016	0.05113	0.06236	9.23E-04	3.72E-06	1.67E-03	0.002599	9.43E-04	3.66E-06	1.86E-03	2.81E-03	8.96E-04	4.65E-06	3.57E-03	4.47E-03
1726	494911.06, 3858951.99	0.05897	0.05013	0.06108	9.05E-04	3.65E-06	1.64E-03	0.002547	9.25E-04	3.59E-06	1.82E-03	2.75E-03	8.78E-04	4.56E-06	3.50E-03	4.38E-03
1727	494961.06, 3858951.99	0.05834	0.04964	0.06042	8.95E-04	3.61E-06	1.62E-03	0.002519	9.15E-04	3.56E-06	1.80E-03	2.72E-03	8.69E-04	4.52E-06	3.46E-03	4.33E-03
1728	495011.06, 3858951.99	0.05652	0.04808	0.05846	8.67E-04	3.50E-06	1.57E-03	0.002439	8.86E-04	3.45E-06	1.74E-03	2.63E-03	8.42E-04	4.37E-06	3.35E-03	4.20E-03
1729	495061.06, 3858951.99	0.05483	0.04663	0.05664	8.41E-04	3.39E-06	1.52E-03	0.002364	8.60E-04	3.34E-06	1.69E-03	2.55E-03	8.17E-04	4.24E-06	3.24E-03	4.07E-03
1730	495111.06, 3858951.99	0.05355	0.04555	0.05527	8.22E-04	3.32E-06	1.48E-03	0.002307	8.40E-04	3.26E-06	1.65E-03	2.49E-03	7.98E-04	4.14E-06	3.17E-03	3.97E-03
1731	495161.06, 3858951.99	0.05404	0.04606	0.05583	8.29E-04	3.35E-06	1.50E-03	0.00233	8.47E-04	3.30E-06	1.67E-03	2.52E-03	8.05E-04	4.19E-06	3.20E-03	4.01E-03
1732	495211.06, 3858951.99	0.05393	0.04602	0.05572	8.28E-04	3.35E-06	1.49E-03	0.002325	8.46E-04	3.30E-06	1.66E-03	2.51E-03	8.03E-04	4.19E-06	3.19E-03	4.00E-03
1733	495261.06, 3858951.99	0.0538	0.04597	0.0556	8.26E-04	3.35E-06	1.49E-03	0.00232	8.44E-04	3.29E-06	1.66E-03	2.51E-03	8.01E-04	4.18E-06	3.19E-03	3.99E-03
1734	495311.06, 3858951.99	0.05315	0.04545	0.05492	8.16E-04	3.31E-06	1.47E-03	0.002292	8.33E-04	3.26E-06	1.64E-03	2.47E-03	7.92E-04	4.13E-06	3.15E-03	3.94E-03
1735	495361.06, 3858951.99	0.05309	0.04545	0.05487	8.15E-04	3.31E-06	1.47E-03	0.00229	8.32E-04	3.26E-06	1.64E-03	2.47E-03	7.91E-04	4.13E-06	3.14E-03	3.94E-03
1736	495411.06, 3858951.99	0.05312	0.04554	0.05493	8.15E-04	3.31E-06	1.47E-03	0.002292	8.33E-04	3.26E-06	1.64E-03	2.47E-03	7.91E-04	4.14E-06	3.15E-03	3.94E-03
1737	495461.06, 3858951.99	0.05283	0.04533	0.05463	8.11E-04	3.30E-06	1.47E-03	0.002279	8.28E-04	3.25E-06	1.63E-03	2.46E-03	7.87E-04	4.12E-06	3.13E-03	3.92E-03
1738	495511.06, 3858951.99	0.05273	0.04529	0.05454	8.09E-04	3.30E-06	1.46E-03	0.002275	8.27E-04	3.25E-06	1.63E-03	2.46E-03	7.86E-04	4.12E-06	3.12E-03	3.91E-03
1739	495561.06, 3858951.99	0.05181	0.04451	0.05356	7.95E-04	3.24E-06	1.44E-03	0.002235	8.12E-04	3.19E-06	1.60E-03	2.41E-03	7.72E-04	4.05E-06	3.07E-03	3.84E-03
1740	495611.06, 3858951.99	0.05126	0.04406	0.05298	7.87E-04	3.21E-06	1.42E-03	0.002211	8.04E-04	3.16E-06	1.58E-03	2.39E-03	7.64E-04	4.01E-06	3.03E-03	3.80E-03
1741	495661.06, 3858951.99	0.05118	0.04404	0.05291	7.85E-04	3.21E-06	1.42E-03	0.002208	8.02E-04	3.16E-06	1.58E-03	2.38E-03	7.62E-04	4.01E-06	3.03E-03	3.80E-03
1742	494311.06, 3859001.99	0.06991	0.05927	0.07289	1.07E-03	4.31E-06	1.95E-03	0.003032	1.10E-03	4.25E-06	2.17E-03	3.27E-03	1.04E-03	5.39E-06	4.18E-03	5.22E-03
1743	494361.06, 3859001.99	0.06971	0.05914	0.07271	1.07E-03	4.30E-06	1.95E-03	0.003024	1.09E-03	4.24E-06	2.17E-03	3.27E-03	1.04E-03	5.38E-06	4.17E-03	5.21E-03
1744	494411.06, 3859001.99	0.06961	0.05903	0.07254	1.07E-03	4.30E-06	1.95E-03	0.003018	1.09E-03	4.23E-06	2.16E-03	3.26E-03	1.04E-03	5.37E-06	4.16E-03	5.20E-03
1745	494461.06, 3859001.99	0.06917	0.05869	0.07208	1.06E-03	4.27E-06	1.93E-03	0.002999	1.08E-03	4.21E-06	2.15E-03	3.24E-03	1.03E-03	5.34E-06	4.13E-03	5.16E-03
1746	494511.06, 3859001.99	0.06871	0.05833	0.0716	1.05E-03	4.25E-06	1.92E-03	0.002979	1.08E-03	4.18E-06	2.14E-03	3.22E-03	1.02E-03	5.31E-06	4.10E-03	5.13E-03
1747	494561.06, 3859001.99	0.0675	0.05731	0.07031	1.04E-03	4.17E-06	1.89E-03	0.002926	1.06E-03	4.11E-06	2.10E-03	3.16E-03	1.01E-03	5.21E-06	4.03E-03	5.04E-03
1748	494611.06, 3859001.99	0.06639	0.05638	0.06911	1.02E-03	4.10E-06	1.85E-03	0.002876	1.04E-03	4.04E-06	2.06E-03	3.11E-03	9.89E-04	5.13E-06	3.96E-03	4.95E-03
1749	494661.06, 3859001.99	0.06503	0.05523	0.06764	9.98E-04	4.02E-06	1.81E-03	0.002816	1.02E-03	3.96E-06	2.02E-03	3.04E-03	9.69E-04	5.02E-06	3.87E-03	4.85E-03
1750	494711.06, 3859001.99	0.06344	0.05387	0.06592	9.73E-04	3.92E-06	1.77E-03	0.002745	9.95E-04	3.86E-06	1.97E-03	2.97E-03	9.45E-04	4.90E-06	3.78E-03	4.73E-03
1751	494761.06, 3859001.99	0.06248	0.05307	0.06489	9.59E-04	3.86E-06	1.74E-03	0.002703	9.80E-04	3.80E-06	1.94E-03	2.92E-03	9.31E-04	4.83E-06	3.72E-03	4.65E-03
1752	494811.06, 3859001.99	0.06189	0.05261	0.06427	9.50E-04	3.83E-06	1.72E-03	0.002677	9.70E-04	3.77E-06	1.92E-03	2.89E-03	9.22E-04	4.79E-06	3.68E-03	4.61E-03
1753	494861.06, 3859001.99	0.06085	0.05174	0.06315	9.34E-04	3.77E-06	1.69E-03	0.002631	9.54E-04	3.71E-06	1.88E-03	2.84E-03	9.06E-04	4.71E-06	3.62E-03	4.53E-03
1754	494911.06, 3859001.99	0.05974	0.05082	0.06196	9.17E-04	3.70E-06	1.66E-03	0.002582	9.37E-04	3.64E-06	1.85E-03	2.79E-03	8.90E-04	4.62E-06	3.55E-03	4.44E-03
1755	494961.06, 3859001.99	0.05862	0.04988	0.06076	9.00E-04	3.63E-06	1.63E-03	0.002533	9.19E-04	3.57E-06	1.81E-03	2.74E-03	8.73E-04	4.54E-06	3.48E-03	4.36E-03
1756	495011.06, 3859001.99	0.05572	0.04735	0.05762	8.55E-04	3.45E-06	1.55E-03	0.002404	8.74E-04	3.39E-06	1.72E-03	2.60E-03	8.30E-04	4.31E-06	3.30E-03	4.14E-03
1757	495061.06, 3859001.99	0.05513	0.04689	0.057	8.46E-04	3.41E-06	1.53E-03	0.002378	8.64E-04	3.36E-06	1.70E-03	2.57E-03	8.21E-04	4.27E-06	3.27E-03	4.09E-03
1758	495111.06, 3859001.99	0.05392	0.04588	0.0557	8.27E-04	3.34E-06	1.49E-03	0.002325	8.45E-04	3.29E-06	1.66E-03	2.51E-03	8.03E-04	4.17E-06	3.19E-03	4.00E-03
1759	495161.06, 3859001.99	0.05478	0.04671	0.05666	8.41E-04	3.40E-06	1.52E-03	0.002364	8.59E-04	3.35E-06	1.69E-03	2.55E-03	8.16E-04	4.25E-06	3.25E-03	4.07E-03
1760	495211.06, 3859001.99	0.05449	0.04652	0.05636	8.36E-04	3.39E-06	1.51E-03	0.002351	8.54E-04	3.33E-06	1.68E-03	2.54E-03	8.12E-04	4.23E-06	3.23E-03	4.04E-03

1761	495261.06, 3859001.99	0.05443	0.04653	0.05632	8.35E-04	3.39E-06	1.51E-03	0.002349	8.53E-04	3.33E-06	1.68E-03	2.54E-03	8.11E-04	4.23E-06	3.23E-03	4.04E-03
1762	495311.06, 3859001.99	0.05409	0.04628	0.05596	8.30E-04	3.37E-06	1.50E-03	0.002334	8.48E-04	3.32E-06	1.67E-03	2.52E-03	8.06E-04	4.21E-06	3.21E-03	4.02E-03
1763	495361.06, 3859001.99	0.054	0.04626	0.05588	8.29E-04	3.37E-06	1.50E-03	0.002331	8.47E-04	3.31E-06	1.67E-03	2.52E-03	8.04E-04	4.21E-06	3.20E-03	4.01E-03
1764	495411.06, 3859001.99	0.05378	0.04612	0.05566	8.25E-04	3.36E-06	1.49E-03	0.002321	8.43E-04	3.30E-06	1.66E-03	2.51E-03	8.01E-04	4.20E-06	3.19E-03	3.99E-03
1765	495461.06, 3859001.99	0.05363	0.04604	0.05551	8.23E-04	3.35E-06	1.49E-03	0.002315	8.41E-04	3.30E-06	1.66E-03	2.50E-03	7.99E-04	4.19E-06	3.18E-03	3.98E-03
1766	495511.06, 3859001.99	0.0529	0.04545	0.05475	8.12E-04	3.31E-06	1.47E-03	0.002283	8.29E-04	3.26E-06	1.63E-03	2.47E-03	7.88E-04	4.13E-06	3.14E-03	3.93E-03
1767	495561.06, 3859001.99	0.05248	0.04512	0.05431	8.05E-04	3.28E-06	1.46E-03	0.002265	8.23E-04	3.23E-06	1.62E-03	2.45E-03	7.82E-04	4.10E-06	3.11E-03	3.90E-03
1768	495611.06, 3859001.99	0.05201	0.04475	0.05381	7.98E-04	3.26E-06	1.44E-03	0.002245	8.15E-04	3.21E-06	1.61E-03	2.42E-03	7.75E-04	4.07E-06	3.08E-03	3.86E-03
1769	495661.06, 3859001.99	0.05225	0.04502	0.05409	8.02E-04	3.28E-06	1.45E-03	0.002256	8.19E-04	3.23E-06	1.61E-03	2.44E-03	7.78E-04	4.10E-06	3.10E-03	3.88E-03
1770	494311.06, 3859051.99	0.07104	0.06035	0.07418	1.09E-03	4.39E-06	1.99E-03	0.003084	1.11E-03	4.32E-06	2.21E-03	3.33E-03	1.06E-03	5.49E-06	4.25E-03	5.31E-03
1771	494361.06, 3859051.99	0.07111	0.06038	0.07418	1.09E-03	4.40E-06	1.99E-03	0.003085	1.11E-03	4.33E-06	2.21E-03	3.33E-03	1.06E-03	5.49E-06	4.25E-03	5.31E-03
1772	494411.06, 3859051.99	0.07047	0.05987	0.07351	1.08E-03	4.36E-06	1.97E-03	0.003057	1.10E-03	4.29E-06	2.19E-03	3.30E-03	1.05E-03	5.45E-06	4.21E-03	5.27E-03
1773	494461.06, 3859051.99	0.06971	0.05924	0.0727	1.07E-03	4.31E-06	1.95E-03	0.003024	1.09E-03	4.24E-06	2.17E-03	3.27E-03	1.04E-03	5.39E-06	4.16E-03	5.21E-03
1774	494511.06, 3859051.99	0.06872	0.05841	0.07165	1.05E-03	4.25E-06	1.92E-03	0.00298	1.08E-03	4.19E-06	2.14E-03	3.22E-03	1.02E-03	5.31E-06	4.10E-03	5.13E-03
1775	494561.06, 3859051.99	0.06788	0.05772	0.07076	1.04E-03	4.20E-06	1.90E-03	0.002944	1.06E-03	4.14E-06	2.11E-03	3.18E-03	1.01E-03	5.25E-06	4.05E-03	5.07E-03
1776	494611.06, 3859051.99	0.06674	0.05676	0.06954	1.02E-03	4.13E-06	1.87E-03	0.002893	1.05E-03	4.07E-06	2.07E-03	3.13E-03	9.94E-04	5.16E-06	3.98E-03	4.98E-03
1777	494661.06, 3859051.99	0.06551	0.05571	0.06821	1.01E-03	4.06E-06	1.83E-03	0.002839	1.03E-03	3.99E-06	2.03E-03	3.07E-03	9.76E-04	5.07E-06	3.91E-03	4.89E-03
1778	494711.06, 3859051.99	0.06437	0.05475	0.06699	9.88E-04	3.99E-06	1.80E-03	0.002788	1.01E-03	3.92E-06	2.00E-03	3.01E-03	9.59E-04	4.98E-06	3.84E-03	4.80E-03
1779	494761.06, 3859051.99	0.06319	0.05375	0.06571	9.70E-04	3.91E-06	1.76E-03	0.002736	9.91E-04	3.85E-06	1.96E-03	2.95E-03	9.41E-04	4.89E-06	3.76E-03	4.71E-03
1780	494811.06, 3859051.99	0.06235	0.05305	0.06482	9.57E-04	3.86E-06	1.74E-03	0.002699	9.78E-04	3.80E-06	1.93E-03	2.92E-03	9.29E-04	4.83E-06	3.71E-03	4.65E-03
1781	494861.06, 3859051.99	0.06149	0.05234	0.0639	9.44E-04	3.81E-06	1.71E-03	0.002661	9.64E-04	3.75E-06	1.91E-03	2.87E-03	9.16E-04	4.76E-06	3.66E-03	4.58E-03
1782	494911.06, 3859051.99	0.06017	0.05122	0.06247	9.23E-04	3.73E-06	1.68E-03	0.002603	9.43E-04	3.67E-06	1.86E-03	2.81E-03	8.96E-04	4.66E-06	3.58E-03	4.48E-03
1783	494961.06, 3859051.99	0.05822	0.04954	0.06036	8.93E-04	3.61E-06	1.62E-03	0.002516	9.13E-04	3.55E-06	1.80E-03	2.72E-03	8.67E-04	4.51E-06	3.46E-03	4.33E-03
1784	495011.06, 3859051.99	0.05679	0.04832	0.05882	8.71E-04	3.52E-06	1.58E-03	0.002453	8.90E-04	3.46E-06	1.75E-03	2.65E-03	8.46E-04	4.40E-06	3.37E-03	4.22E-03
1785	495061.06, 3859051.99	0.05583	0.04752	0.05779	8.57E-04	3.46E-06	1.55E-03	0.00241	8.75E-04	3.40E-06	1.72E-03	2.60E-03	8.32E-04	4.32E-06	3.31E-03	4.15E-03
1786	495111.06, 3859051.99	0.05531	0.04712	0.05725	8.49E-04	3.43E-06	1.54E-03	0.002388	8.67E-04	3.38E-06	1.71E-03	2.58E-03	8.24E-04	4.29E-06	3.28E-03	4.11E-03
1787	495161.06, 3859051.99	0.05571	0.04753	0.05769	8.55E-04	3.46E-06	1.55E-03	0.002406	8.73E-04	3.41E-06	1.72E-03	2.60E-03	8.30E-04	4.32E-06	3.30E-03	4.14E-03
1788	495211.06, 3859051.99	0.05509	0.04704	0.05704	8.45E-04	3.42E-06	1.53E-03	0.002379	8.64E-04	3.37E-06	1.70E-03	2.57E-03	8.21E-04	4.28E-06	3.27E-03	4.09E-03
1789	495261.06, 3859051.99	0.05523	0.04723	0.05721	8.48E-04	3.44E-06	1.53E-03	0.002385	8.66E-04	3.38E-06	1.71E-03	2.58E-03	8.23E-04	4.30E-06	3.28E-03	4.10E-03
1790	495311.06, 3859051.99	0.05481	0.04691	0.05677	8.41E-04	3.41E-06	1.52E-03	0.002367	8.59E-04	3.36E-06	1.69E-03	2.56E-03	8.17E-04	4.27E-06	3.25E-03	4.07E-03
1791	495361.06, 3859051.99	0.05462	0.04681	0.05659	8.38E-04	3.41E-06	1.52E-03	0.002359	8.56E-04	3.35E-06	1.69E-03	2.55E-03	8.14E-04	4.26E-06	3.24E-03	4.06E-03
1792	495411.06, 3859051.99	0.05459	0.04684	0.05657	8.38E-04	3.41E-06	1.52E-03	0.002358	8.56E-04	3.36E-06	1.69E-03	2.55E-03	8.13E-04	4.26E-06	3.24E-03	4.06E-03
1793	495461.06, 3859051.99	0.05454	0.04685	0.05653	8.37E-04	3.41E-06	1.52E-03	0.002356	8.55E-04	3.36E-06	1.69E-03	2.54E-03	8.12E-04	4.26E-06	3.24E-03	4.06E-03
1794	495511.06, 3859051.99	0.05379	0.04623	0.05573	8.25E-04	3.37E-06	1.49E-03	0.002323	8.43E-04	3.31E-06	1.66E-03	2.51E-03	8.01E-04	4.21E-06	3.19E-03	4.00E-03
1795	495561.06, 3859051.99	0.05322	0.04578	0.05512	8.17E-04	3.33E-06	1.48E-03	0.002298	8.34E-04	3.28E-06	1.64E-03	2.48E-03	7.93E-04	4.16E-06	3.16E-03	3.95E-03
1796	495611.06, 3859051.99	0.05272	0.04539	0.0546	8.09E-04	3.30E-06	1.46E-03	0.002277	8.27E-04	3.25E-06	1.63E-03	2.46E-03	7.85E-04	4.13E-06	3.13E-03	3.92E-03
1797	495661.06, 3859051.99	0.0529	0.0456	0.05482	8.12E-04	3.32E-06	1.47E-03	0.002285	8.29E-04	3.27E-06	1.64E-03	2.47E-03	7.88E-04	4.15E-06	3.14E-03	3.93E-03
1798	494311.06, 3859101.99	0.07228	0.06139	0.07546	1.11E-03	4.47E-06	2.02E-03	0.003137	1.13E-03	4.40E-06	2.25E-03	3.39E-03	1.08E-03	5.58E-06	4.32E-03	5.41E-03
1799	494361.06, 3859101.99	0.07172	0.06095	0.07487	1.10E-03	4.44E-06	2.01E-03	0.003113	1.12E-03	4.37E-06	2.23E-03	3.36E-03	1.07E-03	5.54E-06	4.29E-03	5.36E-03
1800	494411.06, 3859101.99	0.07127	0.06061	0.07441	1.09E-03	4.41E-06	2.00E-03	0.003094	1.12E-03	4.34E-06	2.22E-03	3.34E-03	1.06E-03	5.51E-06	4.26E-03	5.33E-03
1801	494461.06, 3859101.99	0.07047	0.05996	0.07356	1.08E-03	4.36E-06	1.97E-03	0.003059	1.10E-03	4.30E-06	2.19E-03	3.30E-03	1.05E-03	5.45E-06	4.21E-03	5.27E-03
1802	494511.06, 3859101.99	0.0693	0.05898	0.07231	1.06E-03	4.29E-06	1.94E-03	0.003007	1.09E-03	4.23E-06	2.16E-03	3.25E-03	1.03E-03	5.36E-06	4.14E-03	5.18E-03
1803	494561.06, 3859101.99	0.06838	0.05822	0.07133	1.05E-03	4.24E-06	1.91E-03	0.002967	1.07E-03	4.17E-06	2.13E-03	3.20E-03	1.02E-03	5.30E-06	4.09E-03	5.11E-03
1804	494611.06, 3859101.99	0.06696	0.05701	0.06981	1.03E-03	4.15E-06	1.87E-03	0.002904	1.05E-03	4.08E-06	2.08E-03	3.14E-03	9.98E-04	5.19E-06	4.00E-03	5.00E-03
1805	494661.06, 3859101.99	0.06607	0.05627	0.06886	1.01E-03	4.10E-06	1.85E-03	0.002865	1.04E-03	4.03E-06	2.05E-03	3.09E-03	9.84E-04	5.12E-06	3.94E-03	4.93E-03
1806	494711.06, 3859101.99	0.06447	0.0549	0.06713	9.89E-04	4.00E-06	1.80E-03	0.002794	1.01E-03	3.93E-06	2.00E-03	3.02E-03	9.60E-04	4.99E-06	3.85E-03	4.81E-03
1807	494761.06, 3859101.99	0.06405	0.05457	0.0667	9.83E-04	3.97E-06	1.79E-03	0.002776	1.00E-03	3.91E-06	1.99E-03	3.00E-03	9.54E-04	4.96E-06	3.82E-03	4.78E-03
1808	494811.06, 3859101.99	0.063	0.05369	0.06558	9.67E-04	3.91E-06	1.76E-03	0.00273	9.88E-04	3.85E-06	1.96E-03	2.95E-03	9.39E-04	4.88E-06	3.76E-03	4.70E-03
1809	494861.06, 3859101.99	0.06208	0.05291	0.06459	9.53E-04	3.85E-06	1.73E-03	0.002689	9.73E-04	3.79E-06	1.93E-03	2.90E-03	9.25E-04	4.81E-06	3.70E-03	4.63E-03
1810	494911.06, 3859101.99	0.06072	0.05175	0.06312	9.32E-04	3.77E-06	1.69E-03	0.002628	9.52E-04	3.71E-06	1.88E-03	2.84E-03	9.05E-04	4.71E-06	3.62E-03	4.53E-03
1811	494961.06, 3859101.99	0.05867	0.04997	0.0609	9.00E-04	3.64E-06	1.63E-03	0.002537	9.20E-04	3.58E-06	1.82E-03	2.74E-03	8.74E-04	4.55E-06	3.49E-03	4.37E-03
1812	495011.06, 3859101.99	0.05655	0.04812	0.05859	8.68E-04	3.50E-06	1.57E-03	0.002443	8.87E-04	3.45E-06	1.75E-03	2.64E-03	8.42E-04	4.38E-06	3.36E-03	4.20E-03
1813	495061.06, 3859101.99	0.05655	0.04818	0.05861	8.68E-04	3.51E-06	1.57E-03	0.002443	8.87E-04	3.45E-06	1.75E-03	2.64E-03	8.42E-04	4.38E-06	3.36E-03	4.20E-03
1814	495111.06, 3859101.99	0.05596	0.04771	0.05799	8.59E-04	3.47E-06	1.56E-03	0.002418	8.77E-04	3.42E-06	1.73E-03	2.61E-03	8.34E-04	4.34E-06	3.32E-03	4.16E-03
1815	495161.06, 3859101.99	0.05634	0.0481	0.05842	8.65E-04	3.50E-06	1.57E-03	0.002435	8.83E-04	3.45E-06	1.74E-03	2.63E-03	8.39E-04	4.38E-06	3.35E-03	4.19E-03
1816	495211.06, 3859101.99	0.0558	0.04768	0.058	8.56E-04	3.47E-06	1.56E-03	0.002415	8.75E-04	3.42E-06	1.73E-03	2.61E-03	8.31E-04	4.34E-06	3.32E-03	4.16E-03
1817	495261.06, 3859101.99	0.0558	0.04774	0.05787	8.56E-04	3.48E-06	1.55E-03	0.002412	8.75E-04	3.42E-06	1.73E-03	2.60E-03	8.31E-04	4.34E-06	3.32E-03	4.15E-03
1818	495311.06, 3859101.99	0.05557	0.04762	0.05767	8.53E-04	3.47E-06	1.55E-03	0.002403	8.71E-04	3.41E-06	1.72E-03	2.60E-03	8.28E-04	4.33E-06	3.30E-03	4.14E-03
1819	495361.06, 3859101.99	0.05561	0.04769	0.0577	8.53E-04	3.47E-06	1.55E-03	0.002404	8.72E-04	3.42E-06	1.72E-03	2.60E-03	8.28E-04	4.34E-06	3.31E-03	4.14E-03
1820	495411.06, 3859101.99	0.05546	0.04762	0.05756	8.51E-04	3.47E-06	1.54E-03	0.002398	8.70E-04	3.41E-06	1.72E-03	2.59E-03	8.26E-04	4.33E-06	3.30E-03	4.13E-03
1821	495461.06, 3859101.99	0.05492	0.04723	0.05703	8.43E-04	3.44E-06	1.53E-03	0.002376	8.61E-04	3.38E-06	1.70E-03	2.57E-03	8.18E-04	4.30E-06	3.27E-03	4.09E-03
1822	495511.06, 3859101.99	0.05464	0.04704	0.05674	8.38E-04	3.42E-06	1.52E-03	0.002364	8.57E-04	3.37E-06	1.69E-03	2.55E-03	8.14E-04	4.28E-06	3.25E-03	4.07E-03
1823	495561.06, 3859101.99	0.05417	0.04663	0.05619	8.31E-04	3.39E-06	1.51E-03	0.002342	8.49E-04	3.34E-06	1.68E-03	2.53E-03	8.07E-04	4.24E-06	3.22E-03	4.03E-03
1824	495611.06, 3859101.99	0.05357	0.04615	0.05556	8.22E-04	3.36E-06	1.49E-03	0.002316	8.40E-04	3.31E-06	1.66E-03	2.50E-03	7.98E-04	4.20E-06	3.18E-03	3.98E-03
1825	495661.06, 3859101.99	0.05351	0.04615	0.05551	8.21E-04	3.36E-06	1.49E-03	0.002313	8.39E-04	3.31E-06	1.66E-03	2.50E-03	7.97E-04	4.20E-06	3.18E-03	3.98E-03
1826	494311.06, 3859151.99	0.07294	0.0619	0.07618	1.12E-03	4.51E-06	2.04E-03	0.003167	1.14E-03	4.44E-06	2.27E-03	3.42E-03	1.09E-03	5.63E-06	4.36E-03	5.46E-03
1827	494361.06, 3859151.99	0.07258	0.06166	0.07581	1.11E-03	4.49E-06	2.03E-03	0.003152	1.14E-03	4.42E-06	2.26E-03	3.40E-03	1.08E-03	5.61E-06	4.34E-03	5.43E-03
1828	494411.06, 3859151.99	0.07166	0.06093	0.07484	1.10E-03	4.44E-06	2.01E-03	0.003111	1.12E-03	4.37E-06	2.23E-03	3.36E-03	1.07E-03	5.54E-06	4.29E-03	5.36E-03
1829	494461.06, 3859151.99	0.07071	0.06018	0.07384	1.09E-03	4.38E-06	1.98E-03	0.00307	1.11E-03	4.31E-06	2.20E-03	3.32E-03	1.05E-03	5.47E-06	4.23E-03	5.29E-03
1830	494511.06, 3859151.99	0.06948	0.05916	0.07253	1.07E-03	4.31E-06	1.95E-03	0.003016	1.09E-03	4.24E-06	2.16E-03	3.26E-03	1.04E-03	5.38E-06	4.15E-03	5.20E-03
1831	494561.06, 3859151.99	0.06874	0.05857	0.07175	1.05E-03	4.26E-06	1.92E-03	0.002983	1.08E-03	4.20E-06	2.14E-03	3.22E-03	1.02E-03	5.33E-06	4.11E-03	5.14E-03
1832	494611.06, 3859151.99	0.0675	0.05753	0.07043	1.04E-03	4.19E-06	1.89E-03	0.002929	1.06E-03	4.12E-06	2.10E-03	3.16E-03	1.01E-03	5.23E-06	4.03E-03	5.05E-03
1833	494661.06, 3859151.99	0.0667	0.05688	0.06958	1.02E-03	4.14E-06	1.87E-03	0.002894	1.05E-03	4.08E-06	2.08E-03	3.13E-03	9.94E-04	5.17E-06	3.99E-03	4.98E-03
1834	494711.06, 3859151.99	0.06602	0.05633	0.06887	1.01E-03	4.10E-06	1.85E-03	0.002864	1.04E-03	4.04E-06	2.05E-03	3.09E-03	9.84E-04	5.12E-06	3.95E-03	4.93E-03
1835	494761.06, 3859151.99	0.06458	0.0551	0.06731	9.91E-04	4.01E-06	1.81E-03	0.0028	1.01E-03	3.95E-06	2.01E-03	3.02E-03	9.62E-04	5.01E-06	3.86E-03	4.82E-03
1836	494811.06, 3859151.99	0.06337	0.05407	0.06602	9.72E-04	3.94E-06	1.77E-03	0.002747	9.94E-04	3.87E-06	1.97E-03	2.97E-03	9.44E-04	4.92E-06	3.78E-03	4.73E-03
1837	494861.06, 3859151.99	0.0626	0.05343	0.0652	9.61E-04	3.89E-06	1.75E-03	0.002713	9.82E-04	3.83E-06	1.95E-03	2.93E-03	9.33E-04	4.86E-06	3.73E-03	4.67E-03
1838	494911.06, 3859151.99	0.06111	0.05215	0.06359	9.38E-04	3.80E-06	1.71E-03	0.002647	9.58E-04	3.74E-06	1.90E-03	2.86E-03	9.10E-04	4.74E-06	3.64E-03	4.56E-03
1839	494961.06, 3859151.99	0.05908	0.05042	0.06143	9.07E-04	3.67E-06	1.65E-03	0.002558	9.26E-04	3.61E-06	1.83E-03	2.76E-03	8.80E-04	4.59E-06	3.52E-03	4.40E-03
1840	495011.06, 3859151.99	0.05722	0.04876	0.05936	8.78E-04	3.55E-06	1.59E-03	0.002474	8.97E-04	3.49E-06	1.77E-03	2.67E-03	8.52E-04	4.44E-06	3.40E-03	4.26E-03
1841	495061.06, 3859151.99	0.05704	0.04865	0.05918	8.75E-04	3.54E-06	1.59E-03	0.002466	8.94E-04	3.49E-06	1.77E-03	2.66E-03	8.50E-04	4.43E-06	3.39E-03	4.24E-03
1842	495111.06, 3859151.99	0.05668	0.04838	0.05882	8.70E-04	3.52E-06	1.58E-03	0.002451	8.89E-04	3.47E-06	1.75E-03	2.65E-03	8.44E-04	4.40E-06	3.37E-03	4.22E-03
1843	495161.06, 3859151.99	0.05705	0.04877	0.05924	8.75E-04	3.55E-06	1.59E-03	0.002468	8.94E-04	3.49E-06	1.77E-03	2.67E-03	8.50E-04	4.44E-06	3.39E-03	4.25E-03
1844	495211.06, 3859151.99	0.05676	0.04856	0.05894	8.71E-04	3.53E-06	1.58E-03	0.002455	8.90E-04	3.48E-06	1.76E-03	2.65E-03	8.46E-04	4.42E-06	3.38E-03	4.23E-03
1845	495261.06, 3859151.99	0.0565	0.04838	0.05867	8.67E-04	3.52E-06	1.57E-03	0.002444	8.86E-04	3.47E-06	1.75E-03	2.64E-03	8.42E-04	4.40E-06	3.36E-03	4.21E-03
1846	495311.06, 3859151.99	0.05631	0.04827	0.05848	8.64E-04	3.51E-06	1.57E-03	0.002436	8.83E-04	3.46E-06	1.74E-03	2.63E-03	8.39E-04	4.39E-06	3.35E-03	4.19E-03
1847	495361.06, 3859151.99	0.05607	0.04811	0.05824	8.60E-04	3.50E-06	1.56E-03	0.002426	8.79E-04	3.45E-06	1.74E-03	2.62E-03	8.35E-04	4.38E-06	3.34E-03	4.18E-03
1848	495411.06, 3859151.99	0.05635	0.04842	0.05856	8.65E-04	3.52E-06	1.57E-03	0.002439	8.84E-04	3.47E-06	1.75E-03	2.63E-03	8.39E-04	4.40E-06	3.35E-03	4.20E-03
1849	495461.06, 3859151.99	0.05614	0.04829	0.05835	8.61E-04	3.52E-06	1.56E-03	0.00243	8.80E-04	3.46E-06	1.74E-03	2.62E-03	8.36E-04	4.39E-06	3.34E-03	4.18E-03
1850	495511.06, 3859151.99	0.05546	0.04773	0.05762	8.51E-04	3.47E-06	1.55E-03	0.0024	8.70E-04	3.42E-06	1.72E-03	2.59E-03	8.26E-04	4.34E-06	3.30E-03	4.13E-03
1851	495561.06, 3859151.99	0.05498	0.04736	0.05712	8.44E-04	3.45E-06	1.53E-03	0.002379	8.62E-04	3.39E-06	1.70E-03	2.57E-03	8.19E-04	4.31E-06	3.27E-03	4.10E-03
1852	495611.06, 3859151.99	0.05457	0.04705	0.05669	8.37E-04	3.42E-06	1.52E-03	0.002361	8.56E-04	3.37E-06	1.69E-03	2.55E-03	8.13E-04	4.28E-06	3.25E-03	4.06E-03
1853	495661.06, 3859151.99	0.05423	0.04679	0.05633	8.32E-04	3.41E-06	1.51E-03	0.002346	8.50E-04	3.35E-06	1.68E-03	2.53E-03	8.08E-04	4.26E-06	3.23E-03	4.04E-03
1854	494311.06, 3859201.99	0.07343	0.06216	0.07669	1.13E-03	4.52E-06	2.06E-03	0.003188	1.15E-03	4.45E-06	2.29E-03	3.44E-03	1.09E-03	5.65E-06	4.39E-03	5.49E-03
1855	494361.06, 3859201.99	0.07287	0.06178	0.0761	1.12E-03	4.50E-06	2.04E-03	0.003164	1.14E-03	4.43E-06	2.27E-03	3.42E-03	1.09E-03	5.62E-06	4.36E-03	5.45E-03
1856	494411.06, 3859201.99	0.07209	0.0612	0.07529	1.11E-03	4.45E-06	2.02E-03	0.00313	1.13E-03	4.39E-06	2.25E-03	3.38E-03	1.07E-03	5.57E-06	4.31E-03	5.39E-03
1857	494461.06, 3859201.99	0.07095	0.06032	0.0741	1.09E-03	4.39E-06	1.99E-03	0.003081	1.11E-03	4.32E-06	2.21E-03	3.33E-03	1.06E-03	5.49E-06	4.24E-03	5.31E-03
1858	494511.06, 3859201.99	0.07019	0.05973	0.0733	1.08E-03	4.35E-06	1.97E-03	0.003047	1.10E-03	4.28E-06	2.19E-03	3.29E-03	1.05E-03	5.43E-06	4.20E-03	5.25E-03

1859	494561.06, 3859201.99	0.06891	0.0587	0.07195	1.06E-03	4.27E-06	1.93E-03	0.002991	1.08E-03	4.21E-06	2.15E-03	3.23E-03	1.03E-03	5.34E-06	4.12E-03	5.15E-03
1860	494611.06, 3859201.99	0.06791	0.05789	0.0709	1.04E-03	4.21E-06	1.90E-03	0.002948	1.06E-03	4.15E-06	2.12E-03	3.18E-03	1.01E-03	5.27E-06	4.06E-03	5.08E-03
1861	494661.06, 3859201.99	0.06712	0.05726	0.07006	1.03E-03	4.17E-06	1.88E-03	0.002913	1.05E-03	4.10E-06	2.09E-03	3.15E-03	1.00E-03	5.21E-06	4.01E-03	5.02E-03
1862	494711.06, 3859201.99	0.06633	0.05662	0.06922	1.02E-03	4.12E-06	1.86E-03	0.002878	1.04E-03	4.06E-06	2.06E-03	3.11E-03	9.88E-04	5.15E-06	3.97E-03	4.96E-03
1863	494761.06, 3859201.99	0.065	0.0555	0.0678	9.97E-04	4.04E-06	1.82E-03	0.00282	1.02E-03	3.98E-06	2.02E-03	3.05E-03	9.68E-04	5.05E-06	3.88E-03	4.86E-03
1864	494811.06, 3859201.99	0.0639	0.05458	0.06663	9.81E-04	3.97E-06	1.79E-03	0.002772	1.00E-03	3.91E-06	1.99E-03	2.99E-03	9.52E-04	4.96E-06	3.82E-03	4.77E-03
1865	494861.06, 3859201.99	0.06261	0.05351	0.06528	9.61E-04	3.90E-06	1.75E-03	0.002715	9.82E-04	3.83E-06	1.95E-03	2.93E-03	9.33E-04	4.87E-06	3.74E-03	4.68E-03
1866	494911.06, 3859201.99	0.061	0.05209	0.0635	9.36E-04	3.79E-06	1.70E-03	0.002643	9.56E-04	3.73E-06	1.89E-03	2.85E-03	9.09E-04	4.74E-06	3.64E-03	4.55E-03
1867	494961.06, 3859201.99	0.05929	0.05061	0.06166	9.10E-04	3.68E-06	1.65E-03	0.002567	9.30E-04	3.63E-06	1.84E-03	2.77E-03	8.83E-04	4.60E-06	3.53E-03	4.42E-03
1868	495011.06, 3859201.99	0.05703	0.04863	0.05921	8.75E-04	3.54E-06	1.59E-03	0.002467	8.94E-04	3.48E-06	1.77E-03	2.66E-03	8.50E-04	4.42E-06	3.39E-03	4.25E-03
1869	495061.06, 3859201.99	0.05783	0.0494	0.06011	8.87E-04	3.60E-06	1.61E-03	0.002503	9.07E-04	3.54E-06	1.79E-03	2.70E-03	8.61E-04	4.49E-06	3.44E-03	4.31E-03
1870	495111.06, 3859201.99	0.05779	0.04941	0.06008	8.87E-04	3.60E-06	1.61E-03	0.002502	9.06E-04	3.54E-06	1.79E-03	2.70E-03	8.61E-04	4.49E-06	3.44E-03	4.31E-03
1871	495161.06, 3859201.99	0.05763	0.04932	0.05992	8.84E-04	3.59E-06	1.61E-03	0.002495	9.04E-04	3.53E-06	1.79E-03	2.69E-03	8.59E-04	4.49E-06	3.43E-03	4.30E-03
1872	495211.06, 3859201.99	0.05715	0.04894	0.05941	8.77E-04	3.56E-06	1.59E-03	0.002474	8.96E-04	3.51E-06	1.77E-03	2.67E-03	8.51E-04	4.45E-06	3.40E-03	4.26E-03
1873	495261.06, 3859201.99	0.05713	0.04898	0.05941	8.77E-04	3.57E-06	1.59E-03	0.002474	8.96E-04	3.51E-06	1.77E-03	2.67E-03	8.51E-04	4.46E-06	3.40E-03	4.26E-03
1874	495311.06, 3859201.99	0.05695	0.04887	0.05923	8.74E-04	3.56E-06	1.59E-03	0.002466	8.93E-04	3.50E-06	1.77E-03	2.66E-03	8.48E-04	4.45E-06	3.39E-03	4.25E-03
1875	495361.06, 3859201.99	0.05685	0.04883	0.05913	8.72E-04	3.55E-06	1.59E-03	0.002462	8.91E-04	3.50E-06	1.76E-03	2.66E-03	8.47E-04	4.44E-06	3.39E-03	4.24E-03
1876	495411.06, 3859201.99	0.05703	0.04904	0.05935	8.75E-04	3.57E-06	1.59E-03	0.002471	8.94E-04	3.51E-06	1.77E-03	2.67E-03	8.50E-04	4.46E-06	3.40E-03	4.25E-03
1877	495461.06, 3859201.99	0.0567	0.0488	0.05901	8.70E-04	3.55E-06	1.58E-03	0.002456	8.89E-04	3.50E-06	1.76E-03	2.65E-03	8.45E-04	4.44E-06	3.38E-03	4.23E-03
1878	495511.06, 3859201.99	0.05639	0.04857	0.05868	8.65E-04	3.54E-06	1.57E-03	0.002443	8.84E-04	3.48E-06	1.75E-03	2.64E-03	8.40E-04	4.42E-06	3.36E-03	4.21E-03
1879	495561.06, 3859201.99	0.05565	0.04797	0.05789	8.54E-04	3.49E-06	1.55E-03	0.00241	8.73E-04	3.44E-06	1.73E-03	2.60E-03	8.29E-04	4.36E-06	3.32E-03	4.15E-03
1880	495611.06, 3859201.99	0.05514	0.04756	0.05735	8.46E-04	3.46E-06	1.54E-03	0.002388	8.65E-04	3.41E-06	1.71E-03	2.58E-03	8.21E-04	4.33E-06	3.29E-03	4.11E-03
1881	495661.06, 3859201.99	0.05481	0.04732	0.057	8.41E-04	3.44E-06	1.53E-03	0.002373	8.59E-04	3.39E-06	1.70E-03	2.56E-03	8.17E-04	4.30E-06	3.27E-03	4.09E-03
1882	494311.06, 3859251.99	0.07383	0.06224	0.07706	1.13E-03	4.53E-06	2.07E-03	0.003204	1.16E-03	4.46E-06	2.30E-03	3.46E-03	1.10E-03	5.66E-06	4.41E-03	5.52E-03
1883	494361.06, 3859251.99	0.07301	0.06168	0.07622	1.12E-03	4.49E-06	2.04E-03	0.003169	1.14E-03	4.42E-06	2.27E-03	3.42E-03	1.09E-03	5.61E-06	4.37E-03	5.46E-03
1884	494411.06, 3859251.99	0.07189	0.06085	0.07506	1.10E-03	4.43E-06	2.01E-03	0.003121	1.13E-03	4.36E-06	2.24E-03	3.37E-03	1.07E-03	5.54E-06	4.30E-03	5.38E-03
1885	494461.06, 3859251.99	0.07114	0.06032	0.07429	1.09E-03	4.39E-06	1.99E-03	0.003089	1.12E-03	4.32E-06	2.22E-03	3.34E-03	1.06E-03	5.49E-06	4.26E-03	5.32E-03
1886	494511.06, 3859251.99	0.0699	0.05937	0.073	1.07E-03	4.32E-06	1.96E-03	0.003035	1.10E-03	4.25E-06	2.18E-03	3.28E-03	1.04E-03	5.40E-06	4.18E-03	5.23E-03
1887	494561.06, 3859251.99	0.06909	0.05876	0.07215	1.06E-03	4.28E-06	1.94E-03	0.003	1.08E-03	4.21E-06	2.15E-03	3.24E-03	1.03E-03	5.34E-06	4.13E-03	5.17E-03
1888	494611.06, 3859251.99	0.06802	0.05791	0.07102	1.04E-03	4.22E-06	1.90E-03	0.002953	1.07E-03	4.15E-06	2.12E-03	3.19E-03	1.01E-03	5.27E-06	4.07E-03	5.09E-03
1889	494661.06, 3859251.99	0.06745	0.05749	0.07043	1.04E-03	4.18E-06	1.89E-03	0.002928	1.06E-03	4.12E-06	2.10E-03	3.16E-03	1.00E-03	5.23E-06	4.03E-03	5.04E-03
1890	494711.06, 3859251.99	0.06665	0.05687	0.06959	1.02E-03	4.14E-06	1.87E-03	0.002893	1.05E-03	4.07E-06	2.08E-03	3.13E-03	9.93E-04	5.17E-06	3.99E-03	4.98E-03
1891	494761.06, 3859251.99	0.0646	0.05518	0.06745	9.91E-04	4.02E-06	1.81E-03	0.002804	1.01E-03	3.95E-06	2.01E-03	3.03E-03	9.62E-04	5.02E-06	3.86E-03	4.83E-03
1892	494811.06, 3859251.99	0.06432	0.05494	0.06711	9.87E-04	4.00E-06	1.80E-03	0.002791	1.01E-03	3.94E-06	2.00E-03	3.01E-03	9.58E-04	5.00E-06	3.84E-03	4.81E-03
1893	494861.06, 3859251.99	0.06243	0.05338	0.06515	9.58E-04	3.89E-06	1.75E-03	0.002709	9.79E-04	3.82E-06	1.94E-03	2.93E-03	9.30E-04	4.86E-06	3.73E-03	4.67E-03
1894	494911.06, 3859251.99	0.06085	0.05198	0.06339	9.34E-04	3.78E-06	1.70E-03	0.002638	9.54E-04	3.72E-06	1.89E-03	2.85E-03	9.06E-04	4.73E-06	3.63E-03	4.54E-03
1895	494961.06, 3859251.99	0.06002	0.05129	0.06249	9.21E-04	3.73E-06	1.68E-03	0.002601	9.41E-04	3.68E-06	1.86E-03	2.81E-03	8.94E-04	4.67E-06	3.58E-03	4.48E-03
1896	495011.06, 3859251.99	0.059	0.05043	0.06141	9.05E-04	3.67E-06	1.65E-03	0.002556	9.25E-04	3.61E-06	1.83E-03	2.76E-03	8.79E-04	4.59E-06	3.52E-03	4.40E-03
1897	495061.06, 3859251.99	0.05905	0.05052	0.06147	9.06E-04	3.68E-06	1.65E-03	0.002558	9.26E-04	3.62E-06	1.83E-03	2.76E-03	8.80E-04	4.60E-06	3.52E-03	4.41E-03
1898	495111.06, 3859251.99	0.05865	0.05021	0.06105	9.00E-04	3.65E-06	1.64E-03	0.002541	9.20E-04	3.60E-06	1.82E-03	2.74E-03	8.74E-04	4.57E-06	3.50E-03	4.38E-03
1899	495161.06, 3859251.99	0.05846	0.05009	0.06086	8.97E-04	3.65E-06	1.63E-03	0.002533	9.17E-04	3.59E-06	1.82E-03	2.74E-03	8.71E-04	4.56E-06	3.49E-03	4.36E-03
1900	495211.06, 3859251.99	0.05801	0.04974	0.06039	8.90E-04	3.62E-06	1.62E-03	0.002513	9.10E-04	3.56E-06	1.80E-03	2.71E-03	8.64E-04	4.52E-06	3.46E-03	4.33E-03
1901	495261.06, 3859251.99	0.05782	0.04966	0.06025	8.87E-04	3.61E-06	1.62E-03	0.002507	9.07E-04	3.56E-06	1.80E-03	2.71E-03	8.61E-04	4.52E-06	3.45E-03	4.32E-03
1902	495311.06, 3859251.99	0.05784	0.04969	0.06024	8.88E-04	3.62E-06	1.62E-03	0.002507	9.07E-04	3.56E-06	1.80E-03	2.71E-03	8.62E-04	4.52E-06	3.45E-03	4.32E-03
1903	495361.06, 3859251.99	0.05758	0.04951	0.05997	8.84E-04	3.60E-06	1.61E-03	0.002496	9.03E-04	3.55E-06	1.79E-03	2.70E-03	8.58E-04	4.50E-06	3.44E-03	4.30E-03
1904	495411.06, 3859251.99	0.05768	0.04965	0.0601	8.85E-04	3.61E-06	1.61E-03	0.002501	9.04E-04	3.56E-06	1.79E-03	2.70E-03	8.59E-04	4.52E-06	3.44E-03	4.31E-03
1905	495461.06, 3859251.99	0.05739	0.04943	0.05979	8.81E-04	3.60E-06	1.60E-03	0.002488	9.00E-04	3.54E-06	1.78E-03	2.69E-03	8.55E-04	4.50E-06	3.43E-03	4.28E-03
1906	495511.06, 3859251.99	0.05665	0.04883	0.05913	8.69E-04	3.55E-06	1.59E-03	0.002459	8.88E-04	3.50E-06	1.76E-03	2.66E-03	8.44E-04	4.44E-06	3.39E-03	4.24E-03
1907	495561.06, 3859251.99	0.05625	0.04852	0.05858	8.63E-04	3.53E-06	1.57E-03	0.002438	8.82E-04	3.48E-06	1.75E-03	2.63E-03	8.38E-04	4.41E-06	3.36E-03	4.20E-03
1908	495611.06, 3859251.99	0.05562	0.04801	0.05791	8.53E-04	3.49E-06	1.55E-03	0.00241	8.72E-04	3.44E-06	1.73E-03	2.60E-03	8.29E-04	4.37E-06	3.32E-03	4.15E-03
1909	495661.06, 3859251.99	0.05522	0.0477	0.05748	8.47E-04	3.47E-06	1.54E-03	0.002392	8.66E-04	3.42E-06	1.71E-03	2.58E-03	8.23E-04	4.34E-06	3.29E-03	4.12E-03
1910	494311.06, 3859301.99	0.074	0.06207	0.07718	1.14E-03	4.52E-06	2.07E-03	0.00321	1.16E-03	4.45E-06	2.30E-03	3.47E-03	1.10E-03	5.65E-06	4.42E-03	5.53E-03
1911	494361.06, 3859301.99	0.07316	0.06151	0.07632	1.12E-03	4.48E-06	2.05E-03	0.003174	1.15E-03	4.41E-06	2.28E-03	3.43E-03	1.09E-03	5.60E-06	4.37E-03	5.47E-03
1912	494411.06, 3859301.99	0.07208	0.06075	0.07522	1.11E-03	4.42E-06	2.02E-03	0.003128	1.13E-03	4.35E-06	2.24E-03	3.38E-03	1.07E-03	5.53E-06	4.31E-03	5.39E-03
1913	494461.06, 3859301.99	0.07099	0.05996	0.0741	1.09E-03	4.36E-06	1.99E-03	0.003081	1.11E-03	4.30E-06	2.21E-03	3.33E-03	1.06E-03	5.45E-06	4.24E-03	5.31E-03
1914	494511.06, 3859301.99	0.07002	0.05927	0.0731	1.07E-03	4.31E-06	1.96E-03	0.003039	1.10E-03	4.25E-06	2.18E-03	3.28E-03	1.04E-03	5.39E-06	4.19E-03	5.24E-03
1915	494561.06, 3859301.99	0.06925	0.05872	0.0723	1.06E-03	4.27E-06	1.94E-03	0.003006	1.09E-03	4.21E-06	2.16E-03	3.25E-03	1.03E-03	5.34E-06	4.14E-03	5.18E-03
1916	494611.06, 3859301.99	0.0684	0.05809	0.07141	1.05E-03	4.23E-06	1.92E-03	0.002969	1.07E-03	4.16E-06	2.13E-03	3.21E-03	1.02E-03	5.28E-06	4.09E-03	5.11E-03
1917	494661.06, 3859301.99	0.06755	0.05746	0.07053	1.04E-03	4.18E-06	1.89E-03	0.002932	1.06E-03	4.12E-06	2.10E-03	3.17E-03	1.01E-03	5.23E-06	4.04E-03	5.05E-03
1918	494711.06, 3859301.99	0.06652	0.05666	0.06945	1.02E-03	4.12E-06	1.86E-03	0.002888	1.04E-03	4.06E-06	2.07E-03	3.12E-03	9.91E-04	5.15E-06	3.98E-03	4.97E-03
1919	494761.06, 3859301.99	0.06561	0.05594	0.0685	1.01E-03	4.07E-06	1.84E-03	0.002848	1.03E-03	4.01E-06	2.04E-03	3.08E-03	9.77E-04	5.09E-06	3.92E-03	4.91E-03
1920	494811.06, 3859301.99	0.06429	0.05487	0.0671	9.87E-04	3.99E-06	1.80E-03	0.00279	1.01E-03	3.93E-06	2.00E-03	3.01E-03	9.58E-04	4.99E-06	3.84E-03	4.81E-03
1921	494861.06, 3859301.99	0.06244	0.05332	0.06513	9.58E-04	3.88E-06	1.75E-03	0.002709	9.79E-04	3.82E-06	1.94E-03	2.93E-03	9.30E-04	4.85E-06	3.73E-03	4.67E-03
1922	494911.06, 3859301.99	0.06153	0.05257	0.06416	9.44E-04	3.83E-06	1.72E-03	0.002669	9.65E-04	3.77E-06	1.91E-03	2.88E-03	9.17E-04	4.78E-06	3.68E-03	4.60E-03
1923	494961.06, 3859301.99	0.05968	0.051	0.06219	9.16E-04	3.71E-06	1.67E-03	0.002587	9.36E-04	3.65E-06	1.86E-03	2.79E-03	8.89E-04	4.64E-06	3.56E-03	4.46E-03
1924	495011.06, 3859301.99	0.05901	0.05046	0.06148	9.06E-04	3.67E-06	1.65E-03	0.002558	9.25E-04	3.62E-06	1.83E-03	2.76E-03	8.79E-04	4.59E-06	3.52E-03	4.41E-03
1925	495061.06, 3859301.99	0.05979	0.05123	0.06237	9.17E-04	3.73E-06	1.67E-03	0.002594	9.37E-04	3.67E-06	1.86E-03	2.80E-03	8.91E-04	4.66E-06	3.57E-03	4.47E-03
1926	495111.06, 3859301.99	0.05886	0.05043	0.06135	9.03E-04	3.67E-06	1.65E-03	0.002552	9.23E-04	3.61E-06	1.83E-03	2.76E-03	8.77E-04	4.59E-06	3.51E-03	4.40E-03
1927	495161.06, 3859301.99	0.0587	0.05032	0.06116	9.01E-04	3.66E-06	1.64E-03	0.002545	9.20E-04	3.61E-06	1.82E-03	2.75E-03	8.74E-04	4.58E-06	3.50E-03	4.38E-03
1928	495211.06, 3859301.99	0.0589	0.05055	0.0614	9.04E-04	3.68E-06	1.65E-03	0.002554	9.23E-04	3.62E-06	1.83E-03	2.76E-03	8.77E-04	4.60E-06	3.52E-03	4.40E-03
1929	495261.06, 3859301.99	0.05884	0.05055	0.06135	9.03E-04	3.68E-06	1.65E-03	0.002552	9.23E-04	3.62E-06	1.83E-03	2.76E-03	8.77E-04	4.60E-06	3.51E-03	4.40E-03
1930	495311.06, 3859301.99	0.0582	0.05002	0.06067	8.93E-04	3.64E-06	1.63E-03	0.002524	9.13E-04	3.58E-06	1.81E-03	2.73E-03	8.67E-04	4.55E-06	3.48E-03	4.35E-03
1931	495361.06, 3859301.99	0.05823	0.05009	0.06071	8.94E-04	3.65E-06	1.63E-03	0.002525	9.13E-04	3.59E-06	1.81E-03	2.73E-03	8.67E-04	4.56E-06	3.48E-03	4.35E-03
1932	495411.06, 3859301.99	0.05803	0.04997	0.06052	8.90E-04	3.64E-06	1.62E-03	0.002517	9.10E-04	3.58E-06	1.81E-03	2.72E-03	8.64E-04	4.55E-06	3.47E-03	4.34E-03
1933	495461.06, 3859301.99	0.05792	0.04992	0.0604	8.89E-04	3.63E-06	1.62E-03	0.002512	9.08E-04	3.58E-06	1.80E-03	2.71E-03	8.63E-04	4.54E-06	3.46E-03	4.33E-03
1934	495511.06, 3859301.99	0.05735	0.04946	0.0598	8.80E-04	3.60E-06	1.60E-03	0.002488	8.99E-04	3.54E-06	1.78E-03	2.69E-03	8.54E-04	4.50E-06	3.43E-03	4.28E-03
1935	495561.06, 3859301.99	0.05641	0.04867	0.05879	8.66E-04	3.54E-06	1.58E-03	0.002446	8.84E-04	3.49E-06	1.75E-03	2.64E-03	8.40E-04	4.43E-06	3.37E-03	4.21E-03
1936	495611.06, 3859301.99	0.05602	0.04838	0.05838	8.60E-04	3.52E-06	1.57E-03	0.002429	8.78E-04	3.47E-06	1.74E-03	2.62E-03	8.35E-04	4.40E-06	3.34E-03	4.18E-03
1937	495661.06, 3859301.99	0.05562	0.04807	0.05796	8.53E-04	3.50E-06	1.55E-03	0.002412	8.72E-04	3.44E-06	1.73E-03	2.60E-03	8.29E-04	4.37E-06	3.32E-03	4.15E-03
1938	494311.06, 3859351.99	0.07381	0.06156	0.07688	1.13E-03	4.48E-06	2.06E-03	0.003199	1.16E-03	4.41E-06	2.29E-03	3.46E-03	1.10E-03	5.60E-06	4.40E-03	5.51E-03
1939	494361.06, 3859351.99	0.07299	0.06104	0.07606	1.12E-03	4.44E-06	2.04E-03	0.003164	1.14E-03	4.37E-06	2.27E-03	3.42E-03	1.09E-03	5.55E-06	4.36E-03	5.45E-03
1940	494411.06, 3859351.99	0.07184	0.06025	0.07491	1.10E-03	4.39E-06	2.01E-03	0.003116	1.13E-03	4.32E-06	2.23E-03	3.37E-03	1.07E-03	5.48E-06	4.29E-03	5.37E-03
1941	494461.06, 3859351.99	0.07085	0.05957	0.07391	1.09E-03	4.34E-06	1.98E-03	0.003074	1.11E-03	4.27E-06	2.20E-03	3.32E-03	1.06E-03	5.42E-06	4.23E-03	5.29E-03
1942	494511.06, 3859351.99	0.06996	0.05896	0.073	1.07E-03	4.29E-06	1.96E-03	0.003036	1.10E-03	4.22E-06	2.18E-03	3.28E-03	1.04E-03	5.36E-06	4.18E-03	5.23E-03
1943	494561.06, 3859351.99	0.0693	0.05853	0.07232	1.06E-03	4.26E-06	1.94E-03	0.003007	1.09E-03	4.19E-06	2.16E-03	3.25E-03	1.03E-03	5.32E-06	4.14E-03	5.18E-03
1944	494611.06, 3859351.99	0.06853	0.05798	0.07152	1.05E-03	4.22E-06	1.92E-03	0.002974	1.07E-03	4.15E-06	2.13E-03	3.21E-03	1.02E-03	5.27E-06	4.10E-03	5.12E-03
1945	494661.06, 3859351.99	0.06769	0.05739	0.07066	1.04E-03	4.18E-06	1.90E-03	0.002938	1.06E-03	4.11E-06	2.11E-03	3.17E-03	1.01E-03	5.22E-06	4.05E-03	5.06E-03
1946	494711.06, 3859351.99	0.06661	0.05657	0.06954	1.02E-03	4.12E-06	1.87E-03	0.002891	1.04E-03	4.05E-06	2.07E-03	3.12E-03	9.92E-04	5.15E-06	3.98E-03	4.98E-03
1947	494761.06, 3859351.99	0.06519	0.0555	0.06811	1.00E-03	4.04E-06	1.83E-03	0.002831	1.02E-03	3.98E-06	2.03E-03	3.06E-03	9.71E-04	5.05E-06	3.90E-03	4.88E-03
1948	494811.06, 3859351.99	0.06332	0.05392	0.06607	9.72E-04	3.92E-06	1.77E-03	0.002748	9.93E-04	3.86E-06	1.97E-03	2.97E-03	9.43E-04	4.90E-06	3.78E-03	4.73E-03
1949	494861.06, 3859351.99	0.06259	0.05337	0.06531	9.60E-04	3.88E-06	1.75E-03	0.002716	9.81E-04	3.82E-06	1.95E-03	2.93E-03	9.32E-04	4.85E-06	3.74E-03	4.68E-03
1950	494911.06, 3859351.99	0.06212	0.05302	0.06481	9.53E-04	3.86E-06	1.74E-03	0.002695	9.74E-04	3.80E-06	1.93E-03	2.91E-03	9.25E-04	4.82E-06	3.71E-03	4.64E-03
1951	494961.06, 3859351.99	0.06127	0.05234	0.06391	9.40E-04	3.81E-06	1.71E-03	0.002658	9.61E-04	3.75E-06	1.91E-03	2.87E-03	9.13E-04	4.76E-06	3.66E-03	4.58E-03
1952	495011.06, 3859351.99	0.06067	0.05187	0.06328	9.31E-04	3.78E-06	1.70E-03	0.002632	9.51E-04	3.72E-06	1.89E-03	2.84E-03	9.04E-04	4.72E-06	3.62E-03	4.53E-03
1953	495061.06, 3859351.99	0.06102	0.05224	0.06367	9.36E-04	3.80E-06	1.71E-03	0.002648	9.57E-04	3.74E-06	1.90E-03	2.86E-03	9.09E-04	4.75E-06	3.65E-03	4.56E-03
1954	495111.06, 3859351.99	0.06035	0.05171	0.06296	9.26E-04	3.76E-06	1.69E-03	0.002618	9.46E-04	3.71E-06	1.88E-03	2.83E-03	8.99E-04	4.70E-06	3.61E-03	4.51E-03
1955	495161.06, 3859351.99	0.06004	0.05148	0.06264	9.21E-04	3.75E-06	1.68E-03	0.002605	9.41E-04	3.69E-06	1.87E-03	2.81E-03	8.94E-04	4.68E-06	3.59E-03	4.49E-03
1956	495211.06, 3859351.99	0.05968	0.05122	0.06227	9.16E-04	3.73E-06	1.67E-03	0.00259	9.36E-04	3.67E-06	1.86E-03	2.80E-03	8.89E-04	4.66E-06	3.57E-03	4.46E-03

1957	495261.06, 3859351.99	0.05958	0.05118	0.06217	9.14E-04	3.73E-06	1.67E-03	0.002585	9.34E-04	3.67E-06	1.85E-03	2.79E-03	8.88E-04	4.66E-06	3.56E-03	4.45E-03
1958	495311.06, 3859351.99	0.05903	0.05075	0.06159	9.06E-04	3.69E-06	1.65E-03	0.002561	9.26E-04	3.64E-06	1.84E-03	2.77E-03	8.79E-04	4.62E-06	3.53E-03	4.41E-03
1959	495361.06, 3859351.99	0.05872	0.05052	0.06127	9.01E-04	3.68E-06	1.64E-03	0.002548	9.21E-04	3.62E-06	1.83E-03	2.75E-03	8.75E-04	4.60E-06	3.51E-03	4.39E-03
1960	495411.06, 3859351.99	0.05858	0.05045	0.06113	8.99E-04	3.67E-06	1.64E-03	0.002542	9.18E-04	3.61E-06	1.82E-03	2.75E-03	8.73E-04	4.59E-06	3.50E-03	4.38E-03
1961	495461.06, 3859351.99	0.05856	0.05048	0.06112	8.99E-04	3.67E-06	1.64E-03	0.002542	9.18E-04	3.62E-06	1.82E-03	2.75E-03	8.72E-04	4.59E-06	3.50E-03	4.38E-03
1962	495511.06, 3859351.99	0.05779	0.04985	0.0603	8.87E-04	3.63E-06	1.62E-03	0.002508	9.06E-04	3.57E-06	1.80E-03	2.71E-03	8.61E-04	4.53E-06	3.45E-03	4.32E-03
1963	495561.06, 3859351.99	0.05722	0.04939	0.0597	8.78E-04	3.60E-06	1.60E-03	0.002483	8.97E-04	3.54E-06	1.78E-03	2.68E-03	8.52E-04	4.49E-06	3.42E-03	4.28E-03
1964	495611.06, 3859351.99	0.05683	0.04909	0.05928	8.72E-04	3.57E-06	1.59E-03	0.002466	8.91E-04	3.52E-06	1.77E-03	2.66E-03	8.47E-04	4.47E-06	3.40E-03	4.25E-03
1965	495661.06, 3859351.99	0.05605	0.04845	0.05845	8.60E-04	3.53E-06	1.57E-03	0.002431	8.79E-04	3.47E-06	1.74E-03	2.63E-03	8.35E-04	4.41E-06	3.35E-03	4.19E-03
1966	494311.06, 3859401.99	0.07378	0.06117	0.07671	1.13E-03	4.45E-06	2.06E-03	0.003194	1.16E-03	4.38E-06	2.29E-03	3.45E-03	1.10E-03	5.56E-06	4.39E-03	5.50E-03
1967	494361.06, 3859401.99	0.0727	0.06046	0.07565	1.12E-03	4.40E-06	2.03E-03	0.003149	1.14E-03	4.33E-06	2.26E-03	3.40E-03	1.08E-03	5.50E-06	4.33E-03	5.42E-03
1968	494411.06, 3859401.99	0.07155	0.05969	0.07452	1.10E-03	4.34E-06	2.00E-03	0.003101	1.12E-03	4.28E-06	2.22E-03	3.35E-03	1.07E-03	5.43E-06	4.27E-03	5.34E-03
1969	494461.06, 3859401.99	0.0707	0.05913	0.07366	1.08E-03	4.30E-06	1.98E-03	0.003065	1.11E-03	4.24E-06	2.20E-03	3.31E-03	1.05E-03	5.38E-06	4.22E-03	5.28E-03
1970	494511.06, 3859401.99	0.07012	0.05879	0.07308	1.08E-03	4.28E-06	1.96E-03	0.00304	1.10E-03	4.21E-06	2.18E-03	3.28E-03	1.04E-03	5.35E-06	4.19E-03	5.24E-03
1971	494561.06, 3859401.99	0.06943	0.05834	0.07238	1.07E-03	4.25E-06	1.94E-03	0.003011	1.09E-03	4.18E-06	2.16E-03	3.25E-03	1.03E-03	5.31E-06	4.15E-03	5.19E-03
1972	494611.06, 3859401.99	0.06855	0.05774	0.07149	1.05E-03	4.20E-06	1.92E-03	0.002974	1.07E-03	4.14E-06	2.13E-03	3.21E-03	1.02E-03	5.25E-06	4.10E-03	5.12E-03
1973	494661.06, 3859401.99	0.06793	0.05734	0.07086	1.04E-03	4.17E-06	1.90E-03	0.002947	1.07E-03	4.11E-06	2.11E-03	3.18E-03	1.01E-03	5.22E-06	4.06E-03	5.08E-03
1974	494711.06, 3859401.99	0.06717	0.05681	0.07008	1.03E-03	4.14E-06	1.88E-03	0.002914	1.05E-03	4.07E-06	2.09E-03	3.15E-03	1.00E-03	5.17E-06	4.01E-03	5.02E-03
1975	494761.06, 3859401.99	0.06567	0.05571	0.0686	1.01E-03	4.06E-06	1.84E-03	0.002852	1.03E-03	3.99E-06	2.05E-03	3.08E-03	9.78E-04	5.07E-06	3.93E-03	4.91E-03
1976	494811.06, 3859401.99	0.06462	0.05487	0.06744	9.92E-04	3.99E-06	1.81E-03	0.002804	1.01E-03	3.93E-06	2.01E-03	3.03E-03	9.63E-04	4.99E-06	3.86E-03	4.83E-03
1977	494861.06, 3859401.99	0.06321	0.05376	0.06597	9.70E-04	3.91E-06	1.77E-03	0.002743	9.91E-04	3.85E-06	1.97E-03	2.96E-03	9.42E-04	4.89E-06	3.78E-03	4.73E-03
1978	494911.06, 3859401.99	0.06234	0.05311	0.06509	9.57E-04	3.87E-06	1.75E-03	0.002706	9.77E-04	3.81E-06	1.94E-03	2.92E-03	9.29E-04	4.83E-06	3.73E-03	4.66E-03
1979	494961.06, 3859401.99	0.06188	0.05277	0.06458	9.50E-04	3.84E-06	1.73E-03	0.002685	9.70E-04	3.78E-06	1.93E-03	2.90E-03	9.22E-04	4.80E-06	3.70E-03	4.63E-03
1980	495011.06, 3859401.99	0.06157	0.05257	0.06426	9.45E-04	3.83E-06	1.72E-03	0.002672	9.65E-04	3.77E-06	1.92E-03	2.89E-03	9.17E-04	4.78E-06	3.68E-03	4.60E-03
1981	495061.06, 3859401.99	0.06135	0.05248	0.06408	9.41E-04	3.82E-06	1.72E-03	0.002664	9.62E-04	3.76E-06	1.91E-03	2.88E-03	9.14E-04	4.77E-06	3.67E-03	4.59E-03
1982	495111.06, 3859401.99	0.06065	0.05193	0.06334	9.31E-04	3.78E-06	1.70E-03	0.002633	9.51E-04	3.72E-06	1.89E-03	2.84E-03	9.04E-04	4.72E-06	3.63E-03	4.54E-03
1983	495161.06, 3859401.99	0.06047	0.0518	0.06312	9.28E-04	3.77E-06	1.69E-03	0.002625	9.48E-04	3.71E-06	1.88E-03	2.83E-03	9.01E-04	4.71E-06	3.62E-03	4.52E-03
1984	495211.06, 3859401.99	0.06039	0.05179	0.06304	9.27E-04	3.77E-06	1.69E-03	0.002621	9.47E-04	3.71E-06	1.88E-03	2.83E-03	9.00E-04	4.71E-06	3.61E-03	4.52E-03
1985	495261.06, 3859401.99	0.06006	0.05155	0.06269	9.22E-04	3.75E-06	1.68E-03	0.002607	9.42E-04	3.69E-06	1.87E-03	2.82E-03	8.95E-04	4.69E-06	3.59E-03	4.49E-03
1986	495311.06, 3859401.99	0.05967	0.05126	0.06229	9.16E-04	3.73E-06	1.67E-03	0.00259	9.36E-04	3.67E-06	1.86E-03	2.80E-03	8.89E-04	4.66E-06	3.57E-03	4.46E-03
1987	495361.06, 3859401.99	0.05966	0.05131	0.06229	9.15E-04	3.73E-06	1.67E-03	0.00259	9.35E-04	3.68E-06	1.86E-03	2.80E-03	8.89E-04	4.67E-06	3.57E-03	4.46E-03
1988	495411.06, 3859401.99	0.05942	0.05115	0.06205	9.12E-04	3.72E-06	1.66E-03	0.00258	9.32E-04	3.67E-06	1.85E-03	2.79E-03	8.85E-04	4.65E-06	3.55E-03	4.44E-03
1989	495461.06, 3859401.99	0.05894	0.05078	0.06154	9.04E-04	3.70E-06	1.65E-03	0.002559	9.24E-04	3.64E-06	1.84E-03	2.76E-03	8.78E-04	4.62E-06	3.53E-03	4.41E-03
1990	495511.06, 3859401.99	0.05821	0.05019	0.06077	8.93E-04	3.65E-06	1.63E-03	0.002527	9.13E-04	3.60E-06	1.81E-03	2.73E-03	8.67E-04	4.57E-06	3.48E-03	4.35E-03
1991	495561.06, 3859401.99	0.05735	0.04949	0.05986	8.80E-04	3.60E-06	1.61E-03	0.002489	8.99E-04	3.55E-06	1.79E-03	2.69E-03	8.54E-04	4.50E-06	3.43E-03	4.29E-03
1992	495611.06, 3859401.99	0.0569	0.04913	0.05938	8.73E-04	3.58E-06	1.59E-03	0.002469	8.92E-04	3.52E-06	1.77E-03	2.67E-03	8.48E-04	4.47E-06	3.40E-03	4.25E-03
1993	495661.06, 3859401.99	0.05652	0.04885	0.05899	8.67E-04	3.56E-06	1.58E-03	0.002453	8.86E-04	3.50E-06	1.76E-03	2.65E-03	8.42E-04	4.44E-06	3.38E-03	4.23E-03
1994	494311.06, 3859451.99	0.07321	0.06042	0.07601	1.12E-03	4.40E-06	2.04E-03	0.003166	1.15E-03	4.33E-06	2.27E-03	3.42E-03	1.09E-03	5.50E-06	4.35E-03	5.45E-03
1995	494361.06, 3859451.99	0.07228	0.05982	0.07511	1.11E-03	4.35E-06	2.01E-03	0.003128	1.13E-03	4.29E-06	2.24E-03	3.38E-03	1.08E-03	5.44E-06	4.30E-03	5.38E-03
1996	494411.06, 3859451.99	0.07093	0.05889	0.07379	1.09E-03	4.29E-06	1.98E-03	0.003072	1.11E-03	4.22E-06	2.20E-03	3.32E-03	1.06E-03	5.36E-06	4.23E-03	5.29E-03
1997	494461.06, 3859451.99	0.07049	0.05865	0.07335	1.08E-03	4.27E-06	1.97E-03	0.003053	1.11E-03	4.20E-06	2.19E-03	3.30E-03	1.05E-03	5.33E-06	4.20E-03	5.26E-03
1998	494511.06, 3859451.99	0.06969	0.05814	0.07255	1.07E-03	4.23E-06	1.95E-03	0.003019	1.09E-03	4.17E-06	2.16E-03	3.26E-03	1.04E-03	5.29E-06	4.16E-03	5.20E-03
1999	494561.06, 3859451.99	0.06905	0.05774	0.07191	1.06E-03	4.20E-06	1.93E-03	0.002992	1.08E-03	4.14E-06	2.15E-03	3.23E-03	1.03E-03	5.25E-06	4.12E-03	5.15E-03
2000	494611.06, 3859451.99	0.06867	0.05755	0.07153	1.05E-03	4.19E-06	1.92E-03	0.002976	1.08E-03	4.12E-06	2.13E-03	3.21E-03	1.02E-03	5.23E-06	4.10E-03	5.13E-03
2001	494661.06, 3859451.99	0.0678	0.05696	0.07065	1.04E-03	4.15E-06	1.89E-03	0.002939	1.06E-03	4.08E-06	2.11E-03	3.17E-03	1.01E-03	5.18E-06	4.05E-03	5.06E-03
2002	494711.06, 3859451.99	0.06692	0.05635	0.06976	1.03E-03	4.10E-06	1.87E-03	0.002902	1.05E-03	4.04E-06	2.08E-03	3.13E-03	9.97E-04	5.13E-06	4.00E-03	5.00E-03
2003	494761.06, 3859451.99	0.06619	0.05585	0.06901	1.02E-03	4.07E-06	1.85E-03	0.002871	1.04E-03	4.00E-06	2.06E-03	3.10E-03	9.86E-04	5.08E-06	3.95E-03	4.94E-03
2004	494811.06, 3859451.99	0.06503	0.055	0.06783	9.98E-04	4.00E-06	1.82E-03	0.002821	1.02E-03	3.94E-06	2.02E-03	3.05E-03	9.69E-04	5.00E-06	3.89E-03	4.86E-03
2005	494861.06, 3859451.99	0.06407	0.0543	0.06685	9.83E-04	3.95E-06	1.79E-03	0.00278	1.00E-03	3.89E-06	1.99E-03	3.00E-03	9.54E-04	4.94E-06	3.83E-03	4.79E-03
2006	494911.06, 3859451.99	0.06336	0.05378	0.0661	9.72E-04	3.91E-06	1.77E-03	0.002749	9.93E-04	3.85E-06	1.97E-03	2.97E-03	9.44E-04	4.89E-06	3.79E-03	4.74E-03
2007	494961.06, 3859451.99	0.06295	0.05352	0.06569	9.66E-04	3.90E-06	1.76E-03	0.002732	9.87E-04	3.83E-06	1.96E-03	2.95E-03	9.38E-04	4.87E-06	3.76E-03	4.71E-03
2008	495011.06, 3859451.99	0.06242	0.05315	0.06514	9.58E-04	3.87E-06	1.75E-03	0.002709	9.79E-04	3.81E-06	1.94E-03	2.93E-03	9.30E-04	4.83E-06	3.73E-03	4.67E-03
2009	495061.06, 3859451.99	0.0619	0.05278	0.0646	9.50E-04	3.84E-06	1.73E-03	0.002686	9.71E-04	3.78E-06	1.93E-03	2.90E-03	9.22E-04	4.80E-06	3.70E-03	4.63E-03
2010	495111.06, 3859451.99	0.06136	0.05239	0.06404	9.42E-04	3.81E-06	1.72E-03	0.002663	9.62E-04	3.75E-06	1.91E-03	2.88E-03	9.14E-04	4.77E-06	3.67E-03	4.59E-03
2011	495161.06, 3859451.99	0.06114	0.05226	0.06381	9.38E-04	3.80E-06	1.71E-03	0.002653	9.59E-04	3.74E-06	1.90E-03	2.87E-03	9.11E-04	4.75E-06	3.66E-03	4.57E-03
2012	495211.06, 3859451.99	0.061	0.05221	0.06368	9.36E-04	3.80E-06	1.71E-03	0.002648	9.56E-04	3.74E-06	1.90E-03	2.86E-03	9.09E-04	4.75E-06	3.65E-03	4.56E-03
2013	495261.06, 3859451.99	0.06083	0.05212	0.0635	9.33E-04	3.79E-06	1.70E-03	0.00264	9.54E-04	3.73E-06	1.89E-03	2.85E-03	9.06E-04	4.74E-06	3.64E-03	4.55E-03
2014	495311.06, 3859451.99	0.06042	0.05183	0.06308	9.27E-04	3.77E-06	1.69E-03	0.002623	9.47E-04	3.71E-06	1.88E-03	2.83E-03	9.00E-04	4.71E-06	3.61E-03	4.52E-03
2015	495361.06, 3859451.99	0.06011	0.05162	0.06276	9.22E-04	3.76E-06	1.68E-03	0.002609	9.42E-04	3.70E-06	1.87E-03	2.82E-03	8.95E-04	4.70E-06	3.60E-03	4.50E-03
2016	495411.06, 3859451.99	0.05968	0.0513	0.06231	9.16E-04	3.73E-06	1.67E-03	0.002591	9.36E-04	3.68E-06	1.86E-03	2.80E-03	8.89E-04	4.67E-06	3.57E-03	4.46E-03
2017	495461.06, 3859451.99	0.05935	0.05106	0.06197	9.11E-04	3.72E-06	1.66E-03	0.002577	9.31E-04	3.66E-06	1.85E-03	2.78E-03	8.84E-04	4.64E-06	3.55E-03	4.44E-03
2018	495511.06, 3859451.99	0.05851	0.0504	0.0611	8.98E-04	3.67E-06	1.64E-03	0.00254	9.17E-04	3.61E-06	1.82E-03	2.74E-03	8.72E-04	4.58E-06	3.50E-03	4.38E-03
2019	495561.06, 3859451.99	0.05801	0.05	0.06057	8.90E-04	3.64E-06	1.62E-03	0.002518	9.10E-04	3.58E-06	1.81E-03	2.72E-03	8.64E-04	4.55E-06	3.47E-03	4.34E-03
2020	495611.06, 3859451.99	0.05752	0.04963	0.06005	8.83E-04	3.61E-06	1.61E-03	0.002497	9.02E-04	3.56E-06	1.79E-03	2.70E-03	8.57E-04	4.51E-06	3.44E-03	4.30E-03
2021	495661.06, 3859451.99	0.05707	0.04929	0.05958	8.76E-04	3.59E-06	1.60E-03	0.002477	8.95E-04	3.53E-06	1.78E-03	2.68E-03	8.50E-04	4.48E-06	3.41E-03	4.27E-03
2022	494311.06, 3859501.99	0.07278	0.05982	0.07542	1.12E-03	4.35E-06	2.02E-03	0.003144	1.14E-03	4.29E-06	2.25E-03	3.40E-03	1.08E-03	5.44E-06	4.32E-03	5.41E-03
2023	494361.06, 3859501.99	0.07189	0.05924	0.07457	1.10E-03	4.31E-06	2.00E-03	0.003107	1.13E-03	4.24E-06	2.22E-03	3.36E-03	1.07E-03	5.39E-06	4.27E-03	5.35E-03
2024	494411.06, 3859501.99	0.0703	0.05814	0.07305	1.08E-03	4.23E-06	1.96E-03	0.003042	1.10E-03	4.17E-06	2.18E-03	3.29E-03	1.05E-03	5.29E-06	4.18E-03	5.24E-03
2025	494461.06, 3859501.99	0.07029	0.05822	0.07302	1.08E-03	4.24E-06	1.96E-03	0.003041	1.10E-03	4.17E-06	2.18E-03	3.28E-03	1.05E-03	5.30E-06	4.18E-03	5.24E-03
2026	494511.06, 3859501.99	0.06943	0.05766	0.07218	1.07E-03	4.20E-06	1.94E-03	0.003006	1.09E-03	4.13E-06	2.15E-03	3.25E-03	1.03E-03	5.24E-06	4.13E-03	5.17E-03
2027	494561.06, 3859501.99	0.0687	0.05719	0.07146	1.05E-03	4.16E-06	1.92E-03	0.002975	1.08E-03	4.10E-06	2.13E-03	3.21E-03	1.02E-03	5.20E-06	4.09E-03	5.12E-03
2028	494611.06, 3859501.99	0.06875	0.05731	0.07148	1.05E-03	4.17E-06	1.92E-03	0.002976	1.08E-03	4.11E-06	2.13E-03	3.21E-03	1.02E-03	5.21E-06	4.09E-03	5.12E-03
2029	494661.06, 3859501.99	0.06778	0.05666	0.07053	1.04E-03	4.12E-06	1.89E-03	0.002936	1.06E-03	4.06E-06	2.10E-03	3.17E-03	1.01E-03	5.15E-06	4.04E-03	5.06E-03
2030	494711.06, 3859501.99	0.06661	0.05584	0.06936	1.02E-03	4.06E-06	1.86E-03	0.002886	1.04E-03	4.00E-06	2.07E-03	3.12E-03	9.92E-04	5.08E-06	3.97E-03	4.97E-03
2031	494761.06, 3859501.99	0.0664	0.05577	0.06915	1.02E-03	4.06E-06	1.85E-03	0.002878	1.04E-03	4.00E-06	2.06E-03	3.11E-03	9.89E-04	5.07E-06	3.96E-03	4.96E-03
2032	494811.06, 3859501.99	0.06488	0.05464	0.06762	9.96E-04	3.98E-06	1.81E-03	0.002813	1.02E-03	3.92E-06	2.02E-03	3.04E-03	9.67E-04	4.97E-06	3.87E-03	4.85E-03
2033	494861.06, 3859501.99	0.06428	0.05425	0.06701	9.86E-04	3.95E-06	1.80E-03	0.002788	1.01E-03	3.89E-06	2.00E-03	3.01E-03	9.58E-04	4.93E-06	3.84E-03	4.80E-03
2034	494911.06, 3859501.99	0.06392	0.05404	0.06665	9.81E-04	3.93E-06	1.79E-03	0.002772	1.00E-03	3.87E-06	1.99E-03	2.99E-03	9.52E-04	4.92E-06	3.82E-03	4.78E-03
2035	494961.06, 3859501.99	0.06315	0.05349	0.06586	9.69E-04	3.89E-06	1.77E-03	0.002739	9.90E-04	3.83E-06	1.96E-03	2.96E-03	9.41E-04	4.87E-06	3.77E-03	4.72E-03
2036	495011.06, 3859501.99	0.06282	0.0533	0.06551	9.64E-04	3.88E-06	1.76E-03	0.002725	9.85E-04	3.82E-06	1.95E-03	2.94E-03	9.36E-04	4.85E-06	3.75E-03	4.69E-03
2037	495061.06, 3859501.99	0.06251	0.05311	0.06519	9.59E-04	3.87E-06	1.75E-03	0.002712	9.80E-04	3.81E-06	1.94E-03	2.93E-03	9.31E-04	4.83E-06	3.73E-03	4.67E-03
2038	495111.06, 3859501.99	0.06177	0.05257	0.06443	9.48E-04	3.83E-06	1.73E-03	0.00268	9.68E-04	3.77E-06	1.92E-03	2.89E-03	9.20E-04	4.78E-06	3.69E-03	4.62E-03
2039	495161.06, 3859501.99	0.06149	0.05241	0.06415	9.44E-04	3.82E-06	1.72E-03	0.002668	9.64E-04	3.76E-06	1.91E-03	2.88E-03	9.16E-04	4.77E-06	3.67E-03	4.60E-03
2040	495211.06, 3859501.99	0.06138	0.05238	0.06404	9.42E-04	3.81E-06	1.72E-03	0.002663	9.62E-04	3.75E-06	1.91E-03	2.88E-03	9.14E-04	4.76E-06	3.67E-03	4.59E-03
2041	495261.06, 3859501.99	0.06108	0.0522	0.06373	9.37E-04	3.80E-06	1.71E-03	0.00265	9.58E-04	3.74E-06	1.90E-03	2.86E-03	9.10E-04	4.75E-06	3.65E-03	4.57E-03
2042	495311.06, 3859501.99	0.06087	0.05208	0.06351	9.34E-04	3.79E-06	1.70E-03	0.002641	9.54E-04	3.73E-06	1.89E-03	2.85E-03	9.07E-04	4.74E-06	3.64E-03	4.55E-03
2043	495361.06, 3859501.99	0.0605	0.05183	0.06314	9.28E-04	3.77E-06	1.69E-03	0.002626	9.49E-04	3.71E-06	1.88E-03	2.84E-03	9.01E-04	4.71E-06	3.62E-03	4.52E-03
2044	495411.06, 3859501.99	0.06017	0.0516	0.06279	9.23E-04	3.76E-06	1.68E-03	0.002611	9.43E-04	3.70E-06	1.87E-03	2.82E-03	8.96E-04	4.69E-06	3.60E-03	4.50E-03
2045	495461.06, 3859501.99	0.05973	0.05129	0.06235	9.17E-04	3.73E-06	1.67E-03	0.002593	9.37E-04	3.68E-06	1.86E-03	2.80E-03	8.90E-04	4.67E-06	3.57E-03	4.47E-03
2046	495511.06, 3859501.99	0.05871	0.05051	0.06133	9.01E-04	3.68E-06	1.64E-03	0.002549	9.21E-04	3.62E-06	1.83E-03	2.75E-03	8.75E-04	4.59E-06	3.51E-03	4.39E-03
2047	495561.06, 3859501.99	0.05855	0.05039	0.06113	8.98E-04	3.67E-06	1.64E-03	0.002542	9.18E-04	3.61E-06	1.82E-03	2.75E-03	8.72E-04	4.58E-06	3.50E-03	4.38E-03
2048	495611.06, 3859501.99	0.05802	0.04999	0.06058	8.90E-04	3.64E-06	1.62E-03	0.002519	9.10E-04	3.58E-06	1.81E-03	2.72E-03	8.64E-04	4.55E-06	3.47E-03	4.34E-03
2049	495661.06, 3859501.99	0.05743	0.04953	0.05997	8.81E-04	3.61E-06	1.61E-03	0.002493	9.00E-04	3.55E-06	1.79E-03	2.69E-03	8.56E-04	4.51E-06	3.44E-03	4.30E-03
2050	494311.06, 3859551.99	0.07221	0.0592	0.07467	1.11E-03	4.31E-06	2.00E-03	0.003115	1.13E-03	4.24E-06	2.23E-03	3.36E-03	1.08E-03	5.38E-06	4.28E-03	5.36E-03
2051	494361.06, 3859551.99	0.07118	0.05855	0.07377	1.09E-03	4.26E-06	1.98E-03	0.003075	1.12E-03	4.20E-06	2.20E-03	3.32E-03	1.06E-03	5.33E-06	4.23E-03	5.29E-03
2052	494411.06, 3859551.99	0.06966	0.05747	0.07232	1.07E-03	4.18E-06	1.94E-03	0.003013	1.09E-03	4.12E-06	2.16E-03	3.25E-03	1.04E-03	5.23E-06	4.14E-03	5.19E-03
2053	494461.06, 3859551.99	0.06986	0.05766	0.07244	1.07E-03	4.20E-06	1.94E-03	0.003019	1.10E-03	4.13E-06	2.16E-03	3.26E-03	1.04E-03	5.24E-06	4.15E-03	5.20E-03
2054	494511.06, 3859551.99	0.06907	0.05714	0.07168	1.06E-03	4.16E-06	1.92E-03	0.002987	1.08E-03	4.09E-06	2.14E-03	3.23E-03	1.03E-03	5.20E-06	4.11E-03	5.14E-03

2055	494561.06, 3859551.99	0.06848	0.05676	0.0711	1.05E-03	4.13E-06	1.91E-03	0.002962	1.07E-03	4.07E-06	2.12E-03	3.20E-03	1.02E-03	5.16E-06	4.07E-03	5.10E-03
2056	494611.06, 3859551.99	0.06815	0.05659	0.07077	1.05E-03	4.12E-06	1.90E-03	0.002948	1.07E-03	4.05E-06	2.11E-03	3.18E-03	1.02E-03	5.15E-06	4.05E-03	5.07E-03
2057	494661.06, 3859551.99	0.06764	0.05629	0.07027	1.04E-03	4.10E-06	1.88E-03	0.002927	1.06E-03	4.03E-06	2.10E-03	3.16E-03	1.01E-03	5.12E-06	4.03E-03	5.04E-03
2058	494711.06, 3859551.99	0.06596	0.05508	0.06862	1.01E-03	4.01E-06	1.84E-03	0.002857	1.03E-03	3.95E-06	2.05E-03	3.09E-03	9.83E-04	5.01E-06	3.93E-03	4.92E-03
2059	494761.06, 3859551.99	0.06629	0.05542	0.06893	1.02E-03	4.03E-06	1.85E-03	0.00287	1.04E-03	3.97E-06	2.06E-03	3.10E-03	9.88E-04	5.04E-06	3.95E-03	4.94E-03
2060	494811.06, 3859551.99	0.06507	0.05455	0.06773	9.99E-04	3.97E-06	1.82E-03	0.002819	1.02E-03	3.91E-06	2.02E-03	3.04E-03	9.69E-04	4.96E-06	3.88E-03	4.85E-03
2061	494861.06, 3859551.99	0.06453	0.05421	0.06719	9.90E-04	3.95E-06	1.80E-03	0.002796	1.01E-03	3.88E-06	2.00E-03	3.02E-03	9.61E-04	4.93E-06	3.85E-03	4.82E-03
2062	494911.06, 3859551.99	0.06386	0.05377	0.06651	9.80E-04	3.91E-06	1.78E-03	0.002768	1.00E-03	3.85E-06	1.98E-03	2.99E-03	9.51E-04	4.89E-06	3.81E-03	4.77E-03
2063	494961.06, 3859551.99	0.06355	0.05359	0.06619	9.75E-04	3.90E-06	1.78E-03	0.002754	9.96E-04	3.84E-06	1.97E-03	2.97E-03	9.47E-04	4.87E-06	3.79E-03	4.74E-03
2064	495011.06, 3859551.99	0.06332	0.05349	0.06595	9.72E-04	3.89E-06	1.77E-03	0.002744	9.93E-04	3.83E-06	1.97E-03	2.96E-03	9.43E-04	4.87E-06	3.78E-03	4.73E-03
2065	495061.06, 3859551.99	0.06283	0.05317	0.06546	9.64E-04	3.87E-06	1.76E-03	0.002724	9.85E-04	3.81E-06	1.95E-03	2.94E-03	9.36E-04	4.84E-06	3.75E-03	4.69E-03
2066	495111.06, 3859551.99	0.06219	0.05272	0.06481	9.54E-04	3.84E-06	1.74E-03	0.002696	9.75E-04	3.78E-06	1.93E-03	2.91E-03	9.26E-04	4.80E-06	3.71E-03	4.64E-03
2067	495161.06, 3859551.99	0.06197	0.05262	0.06459	9.51E-04	3.83E-06	1.73E-03	0.002687	9.72E-04	3.77E-06	1.93E-03	2.90E-03	9.23E-04	4.79E-06	3.70E-03	4.63E-03
2068	495211.06, 3859551.99	0.06186	0.0526	0.06448	9.49E-04	3.83E-06	1.73E-03	0.002682	9.70E-04	3.77E-06	1.92E-03	2.90E-03	9.22E-04	4.78E-06	3.69E-03	4.62E-03
2069	495261.06, 3859551.99	0.06136	0.05226	0.06396	9.42E-04	3.80E-06	1.72E-03	0.002661	9.62E-04	3.74E-06	1.91E-03	2.87E-03	9.14E-04	4.75E-06	3.66E-03	4.58E-03
2070	495311.06, 3859551.99	0.06097	0.052	0.06357	9.36E-04	3.79E-06	1.70E-03	0.002644	9.56E-04	3.73E-06	1.90E-03	2.86E-03	9.08E-04	4.73E-06	3.64E-03	4.55E-03
2071	495361.06, 3859551.99	0.06068	0.05182	0.06327	9.31E-04	3.77E-06	1.70E-03	0.002632	9.51E-04	3.71E-06	1.89E-03	2.84E-03	9.04E-04	4.71E-06	3.62E-03	4.53E-03
2072	495411.06, 3859551.99	0.06047	0.0517	0.06306	9.28E-04	3.76E-06	1.69E-03	0.002623	9.48E-04	3.70E-06	1.88E-03	2.83E-03	9.01E-04	4.70E-06	3.61E-03	4.52E-03
2073	495461.06, 3859551.99	0.0598	0.05121	0.06238	9.18E-04	3.73E-06	1.67E-03	0.002594	9.38E-04	3.67E-06	1.86E-03	2.80E-03	8.91E-04	4.66E-06	3.57E-03	4.47E-03
2074	495511.06, 3859551.99	0.0591	0.05068	0.06166	9.07E-04	3.69E-06	1.65E-03	0.002564	9.27E-04	3.63E-06	1.84E-03	2.77E-03	8.80E-04	4.61E-06	3.53E-03	4.42E-03
2075	495561.06, 3859551.99	0.05871	0.0504	0.06125	9.01E-04	3.67E-06	1.64E-03	0.002547	9.21E-04	3.61E-06	1.83E-03	2.75E-03	8.75E-04	4.58E-06	3.51E-03	4.39E-03
2076	495611.06, 3859551.99	0.05829	0.0501	0.06082	8.94E-04	3.65E-06	1.63E-03	0.002529	9.14E-04	3.59E-06	1.81E-03	2.73E-03	8.68E-04	4.56E-06	3.48E-03	4.36E-03
2077	495661.06, 3859551.99	0.05774	0.04969	0.06026	8.86E-04	3.62E-06	1.62E-03	0.002506	9.05E-04	3.56E-06	1.80E-03	2.71E-03	8.60E-04	4.52E-06	3.45E-03	4.32E-03
2078	494311.06, 3859601.99	0.07172	0.05872	0.07399	1.10E-03	4.27E-06	1.98E-03	0.003089	1.12E-03	4.21E-06	2.21E-03	3.34E-03	1.07E-03	5.34E-06	4.24E-03	5.31E-03
2079	494361.06, 3859601.99	0.0702	0.05767	0.07263	1.08E-03	4.20E-06	1.95E-03	0.003029	1.10E-03	4.13E-06	2.17E-03	3.27E-03	1.05E-03	5.25E-06	4.16E-03	5.21E-03
2080	494411.06, 3859601.99	0.0693	0.05702	0.07176	1.06E-03	4.15E-06	1.92E-03	0.002992	1.09E-03	4.09E-06	2.14E-03	3.23E-03	1.03E-03	5.19E-06	4.11E-03	5.15E-03
2081	494461.06, 3859601.99	0.06941	0.05715	0.07184	1.07E-03	4.16E-06	1.93E-03	0.002996	1.09E-03	4.09E-06	2.14E-03	3.24E-03	1.03E-03	5.20E-06	4.12E-03	5.15E-03
2082	494511.06, 3859601.99	0.06837	0.05642	0.07085	1.05E-03	4.11E-06	1.90E-03	0.002953	1.07E-03	4.04E-06	2.11E-03	3.19E-03	1.02E-03	5.13E-06	4.06E-03	5.08E-03
2083	494561.06, 3859601.99	0.06833	0.05645	0.07079	1.05E-03	4.11E-06	1.90E-03	0.002951	1.07E-03	4.04E-06	2.11E-03	3.19E-03	1.02E-03	5.13E-06	4.06E-03	5.08E-03
2084	494611.06, 3859601.99	0.06806	0.05631	0.07052	1.04E-03	4.10E-06	1.89E-03	0.00294	1.07E-03	4.03E-06	2.10E-03	3.17E-03	1.01E-03	5.12E-06	4.04E-03	5.06E-03
2085	494661.06, 3859601.99	0.06689	0.05553	0.06944	1.03E-03	4.04E-06	1.86E-03	0.002893	1.05E-03	3.98E-06	2.07E-03	3.12E-03	9.96E-04	5.05E-06	3.98E-03	4.98E-03
2086	494711.06, 3859601.99	0.06581	0.05475	0.06836	1.01E-03	3.99E-06	1.83E-03	0.002847	1.03E-03	3.92E-06	2.04E-03	3.08E-03	9.80E-04	4.98E-06	3.92E-03	4.90E-03
2087	494761.06, 3859601.99	0.0664	0.05527	0.0689	1.02E-03	4.02E-06	1.85E-03	0.002871	1.04E-03	3.96E-06	2.06E-03	3.10E-03	9.89E-04	5.03E-06	3.95E-03	4.94E-03
2088	494811.06, 3859601.99	0.06521	0.05444	0.06776	1.00E-03	3.96E-06	1.82E-03	0.002822	1.02E-03	3.90E-06	2.02E-03	3.05E-03	9.71E-04	4.95E-06	3.88E-03	4.86E-03
2089	494861.06, 3859601.99	0.06477	0.05417	0.06732	9.94E-04	3.94E-06	1.81E-03	0.002803	1.02E-03	3.88E-06	2.01E-03	3.03E-03	9.65E-04	4.93E-06	3.86E-03	4.83E-03
2090	494911.06, 3859601.99	0.06388	0.05356	0.06644	9.80E-04	3.90E-06	1.78E-03	0.002766	1.00E-03	3.84E-06	1.98E-03	2.99E-03	9.52E-04	4.87E-06	3.81E-03	4.76E-03
2091	494961.06, 3859601.99	0.06404	0.05376	0.06658	9.83E-04	3.91E-06	1.79E-03	0.002772	1.00E-03	3.85E-06	1.99E-03	2.99E-03	9.54E-04	4.89E-06	3.81E-03	4.77E-03
2092	495011.06, 3859601.99	0.06309	0.05309	0.06564	9.68E-04	3.86E-06	1.76E-03	0.002732	9.89E-04	3.80E-06	1.96E-03	2.95E-03	9.40E-04	4.83E-06	3.76E-03	4.70E-03
2093	495061.06, 3859601.99	0.06302	0.0531	0.06556	9.67E-04	3.87E-06	1.76E-03	0.002729	9.88E-04	3.80E-06	1.96E-03	2.95E-03	9.39E-04	4.83E-06	3.76E-03	4.70E-03
2094	495111.06, 3859601.99	0.06235	0.05265	0.0649	9.57E-04	3.83E-06	1.74E-03	0.002701	9.78E-04	3.77E-06	1.94E-03	2.92E-03	9.29E-04	4.79E-06	3.72E-03	4.65E-03
2095	495161.06, 3859601.99	0.06217	0.05258	0.06471	9.54E-04	3.83E-06	1.74E-03	0.002693	9.75E-04	3.77E-06	1.93E-03	2.91E-03	9.26E-04	4.78E-06	3.71E-03	4.64E-03
2096	495211.06, 3859601.99	0.06182	0.05237	0.06436	9.49E-04	3.81E-06	1.73E-03	0.002679	9.69E-04	3.75E-06	1.92E-03	2.89E-03	9.21E-04	4.76E-06	3.69E-03	4.61E-03
2097	495261.06, 3859601.99	0.06156	0.05223	0.0641	9.45E-04	3.80E-06	1.72E-03	0.002668	9.65E-04	3.74E-06	1.91E-03	2.88E-03	9.17E-04	4.75E-06	3.67E-03	4.59E-03
2098	495311.06, 3859601.99	0.06134	0.05211	0.06387	9.41E-04	3.79E-06	1.71E-03	0.002658	9.62E-04	3.73E-06	1.91E-03	2.87E-03	9.14E-04	4.74E-06	3.66E-03	4.58E-03
2099	495361.06, 3859601.99	0.06094	0.05185	0.06346	9.35E-04	3.77E-06	1.70E-03	0.002641	9.55E-04	3.72E-06	1.89E-03	2.85E-03	9.08E-04	4.72E-06	3.64E-03	4.55E-03
2100	495411.06, 3859601.99	0.06069	0.05171	0.06321	9.31E-04	3.76E-06	1.70E-03	0.00263	9.52E-04	3.71E-06	1.89E-03	2.84E-03	9.04E-04	4.70E-06	3.62E-03	4.53E-03
2101	495461.06, 3859601.99	0.05989	0.05112	0.06241	9.19E-04	3.72E-06	1.67E-03	0.002597	9.39E-04	3.66E-06	1.86E-03	2.80E-03	8.92E-04	4.65E-06	3.58E-03	4.47E-03
2102	495511.06, 3859601.99	0.05918	0.05059	0.06169	9.08E-04	3.68E-06	1.65E-03	0.002566	9.28E-04	3.62E-06	1.84E-03	2.77E-03	8.82E-04	4.60E-06	3.53E-03	4.42E-03
2103	495561.06, 3859601.99	0.05907	0.05055	0.06157	9.06E-04	3.68E-06	1.65E-03	0.002561	9.26E-04	3.62E-06	1.84E-03	2.77E-03	8.80E-04	4.60E-06	3.53E-03	4.41E-03
2104	495611.06, 3859601.99	0.05824	0.04992	0.06073	8.94E-04	3.63E-06	1.63E-03	0.002526	9.13E-04	3.58E-06	1.81E-03	2.73E-03	8.68E-04	4.54E-06	3.48E-03	4.35E-03
2105	495661.06, 3859601.99	0.05799	0.04976	0.06047	8.90E-04	3.62E-06	1.62E-03	0.002515	9.09E-04	3.57E-06	1.80E-03	2.72E-03	8.64E-04	4.53E-06	3.46E-03	4.33E-03
2106	494311.06, 3859651.99	0.07075	0.05797	0.07289	1.09E-03	4.22E-06	1.95E-03	0.003045	1.11E-03	4.15E-06	2.17E-03	3.29E-03	1.05E-03	5.27E-06	4.18E-03	5.23E-03
2107	494361.06, 3859651.99	0.06942	0.05702	0.07169	1.07E-03	4.15E-06	1.92E-03	0.002992	1.09E-03	4.09E-06	2.14E-03	3.23E-03	1.03E-03	5.19E-06	4.11E-03	5.15E-03
2108	494411.06, 3859651.99	0.06891	0.05666	0.07121	1.06E-03	4.12E-06	1.91E-03	0.002971	1.08E-03	4.06E-06	2.12E-03	3.21E-03	1.03E-03	5.15E-06	4.08E-03	5.11E-03
2109	494461.06, 3859651.99	0.06897	0.05671	0.07122	1.06E-03	4.13E-06	1.91E-03	0.002973	1.08E-03	4.06E-06	2.12E-03	3.21E-03	1.03E-03	5.16E-06	4.08E-03	5.11E-03
2110	494511.06, 3859651.99	0.0684	0.05632	0.07069	1.05E-03	4.10E-06	1.90E-03	0.00295	1.07E-03	4.04E-06	2.11E-03	3.19E-03	1.02E-03	5.12E-06	4.05E-03	5.07E-03
2111	494561.06, 3859651.99	0.06805	0.0561	0.07035	1.04E-03	4.08E-06	1.89E-03	0.002935	1.07E-03	4.02E-06	2.10E-03	3.17E-03	1.01E-03	5.10E-06	4.03E-03	5.05E-03
2112	494611.06, 3859651.99	0.06767	0.05586	0.06997	1.04E-03	4.07E-06	1.88E-03	0.002919	1.06E-03	4.00E-06	2.09E-03	3.15E-03	1.01E-03	5.08E-06	4.01E-03	5.02E-03
2113	494661.06, 3859651.99	0.0664	0.055	0.06883	1.02E-03	4.00E-06	1.85E-03	0.002869	1.04E-03	3.94E-06	2.05E-03	3.10E-03	9.89E-04	5.00E-06	3.94E-03	4.94E-03
2114	494711.06, 3859651.99	0.06607	0.0548	0.0685	1.01E-03	3.99E-06	1.84E-03	0.002855	1.04E-03	3.93E-06	2.04E-03	3.08E-03	9.84E-04	4.98E-06	3.92E-03	4.91E-03
2115	494761.06, 3859651.99	0.06587	0.05467	0.06825	1.01E-03	3.98E-06	1.83E-03	0.002845	1.03E-03	3.92E-06	2.04E-03	3.07E-03	9.81E-04	4.97E-06	3.91E-03	4.90E-03
2116	494811.06, 3859651.99	0.06514	0.05419	0.06755	1.00E-03	3.94E-06	1.81E-03	0.002815	1.02E-03	3.88E-06	2.02E-03	3.04E-03	9.70E-04	4.93E-06	3.87E-03	4.84E-03
2117	494861.06, 3859651.99	0.06482	0.054	0.06722	9.95E-04	3.93E-06	1.80E-03	0.002801	1.02E-03	3.87E-06	2.01E-03	3.03E-03	9.66E-04	4.91E-06	3.85E-03	4.82E-03
2118	494911.06, 3859651.99	0.06429	0.05367	0.06671	9.87E-04	3.91E-06	1.79E-03	0.00278	1.01E-03	3.85E-06	1.99E-03	3.00E-03	9.58E-04	4.88E-06	3.82E-03	4.78E-03
2119	494961.06, 3859651.99	0.06392	0.05345	0.06634	9.81E-04	3.89E-06	1.78E-03	0.002764	1.00E-03	3.83E-06	1.98E-03	2.99E-03	9.52E-04	4.86E-06	3.80E-03	4.76E-03
2120	495011.06, 3859651.99	0.06346	0.05316	0.06588	9.74E-04	3.87E-06	1.77E-03	0.002745	9.95E-04	3.81E-06	1.97E-03	2.96E-03	9.45E-04	4.84E-06	3.77E-03	4.72E-03
2121	495061.06, 3859651.99	0.06319	0.05302	0.06561	9.70E-04	3.86E-06	1.76E-03	0.002733	9.91E-04	3.80E-06	1.96E-03	2.95E-03	9.41E-04	4.82E-06	3.76E-03	4.70E-03
2122	495111.06, 3859651.99	0.06266	0.05268	0.06509	9.62E-04	3.83E-06	1.75E-03	0.002711	9.82E-04	3.77E-06	1.94E-03	2.93E-03	9.33E-04	4.79E-06	3.73E-03	4.67E-03
2123	495161.06, 3859651.99	0.0623	0.05247	0.06473	9.56E-04	3.82E-06	1.74E-03	0.002696	9.77E-04	3.76E-06	1.93E-03	2.91E-03	9.28E-04	4.77E-06	3.71E-03	4.64E-03
2124	495211.06, 3859651.99	0.06204	0.05233	0.06447	9.52E-04	3.81E-06	1.73E-03	0.002685	9.73E-04	3.75E-06	1.92E-03	2.90E-03	9.24E-04	4.76E-06	3.69E-03	4.62E-03
2125	495261.06, 3859651.99	0.06166	0.05209	0.06409	9.46E-04	3.79E-06	1.72E-03	0.002669	9.67E-04	3.73E-06	1.91E-03	2.88E-03	9.19E-04	4.74E-06	3.67E-03	4.59E-03
2126	495311.06, 3859651.99	0.06135	0.05191	0.06377	9.41E-04	3.78E-06	1.71E-03	0.002656	9.62E-04	3.72E-06	1.90E-03	2.87E-03	9.14E-04	4.72E-06	3.65E-03	4.57E-03
2127	495361.06, 3859651.99	0.06107	0.05176	0.0635	9.37E-04	3.77E-06	1.70E-03	0.002644	9.58E-04	3.71E-06	1.89E-03	2.86E-03	9.10E-04	4.71E-06	3.64E-03	4.55E-03
2128	495411.06, 3859651.99	0.06069	0.05151	0.06312	9.31E-04	3.75E-06	1.69E-03	0.002628	9.52E-04	3.69E-06	1.88E-03	2.84E-03	9.04E-04	4.69E-06	3.62E-03	4.52E-03
2129	495461.06, 3859651.99	0.05996	0.05099	0.0624	9.20E-04	3.71E-06	1.67E-03	0.002597	9.40E-04	3.65E-06	1.86E-03	2.81E-03	8.93E-04	4.64E-06	3.57E-03	4.47E-03
2130	495511.06, 3859651.99	0.05933	0.05054	0.06177	9.10E-04	3.68E-06	1.66E-03	0.002571	9.30E-04	3.62E-06	1.84E-03	2.78E-03	8.84E-04	4.60E-06	3.54E-03	4.43E-03
2131	495561.06, 3859651.99	0.05905	0.05037	0.06149	9.06E-04	3.67E-06	1.65E-03	0.002559	9.26E-04	3.61E-06	1.83E-03	2.76E-03	8.80E-04	4.58E-06	3.52E-03	4.41E-03
2132	495611.06, 3859651.99	0.05861	0.05006	0.06104	8.99E-04	3.64E-06	1.64E-03	0.00254	9.19E-04	3.59E-06	1.82E-03	2.74E-03	8.73E-04	4.55E-06	3.50E-03	4.37E-03
2133	495661.06, 3859651.99	0.0581	0.0497	0.06053	8.92E-04	3.62E-06	1.62E-03	0.002519	9.11E-04	3.56E-06	1.81E-03	2.72E-03	8.66E-04	4.52E-06	3.47E-03	4.34E-03
2134	494311.06, 3859701.99	0.06902	0.05678	0.07117	1.06E-03	4.13E-06	1.91E-03	0.002972	1.08E-03	4.07E-06	2.12E-03	3.21E-03	1.03E-03	5.16E-06	4.08E-03	5.11E-03
2135	494361.06, 3859701.99	0.06843	0.05632	0.0706	1.05E-03	4.10E-06	1.89E-03	0.002948	1.07E-03	4.04E-06	2.11E-03	3.18E-03	1.02E-03	5.12E-06	4.04E-03	5.07E-03
2136	494411.06, 3859701.99	0.06819	0.05612	0.07035	1.05E-03	4.09E-06	1.89E-03	0.002937	1.07E-03	4.02E-06	2.10E-03	3.17E-03	1.02E-03	5.10E-06	4.03E-03	5.05E-03
2137	494461.06, 3859701.99	0.06842	0.05627	0.07051	1.05E-03	4.10E-06	1.89E-03	0.002945	1.07E-03	4.03E-06	2.10E-03	3.18E-03	1.02E-03	5.12E-06	4.04E-03	5.06E-03
2138	494511.06, 3859701.99	0.06796	0.05594	0.07008	1.04E-03	4.07E-06	1.88E-03	0.002927	1.07E-03	4.01E-06	2.09E-03	3.16E-03	1.01E-03	5.09E-06	4.01E-03	5.03E-03
2139	494561.06, 3859701.99	0.06767	0.05573	0.06978	1.04E-03	4.06E-06	1.87E-03	0.002914	1.06E-03	3.99E-06	2.08E-03	3.15E-03	1.01E-03	5.07E-06	4.00E-03	5.01E-03
2140	494611.06, 3859701.99	0.06733	0.0555	0.06945	1.03E-03	4.04E-06	1.86E-03	0.0029	1.06E-03	3.98E-06	2.07E-03	3.13E-03	1.00E-03	5.05E-06	3.98E-03	4.99E-03
2141	494661.06, 3859701.99	0.06604	0.05459	0.06827	1.01E-03	3.97E-06	1.83E-03	0.002848	1.04E-03	3.91E-06	2.04E-03	3.08E-03	9.84E-04	4.97E-06	3.91E-03	4.90E-03
2142	494711.06, 3859701.99	0.06595	0.05455	0.06817	1.01E-03	3.97E-06	1.83E-03	0.002844	1.03E-03	3.91E-06	2.03E-03	3.07E-03	9.82E-04	4.96E-06	3.91E-03	4.89E-03
2143	494761.06, 3859701.99	0.06536	0.05416	0.06761	1.00E-03	3.94E-06	1.81E-03	0.00282	1.02E-03	3.88E-06	2.02E-03	3.05E-03	9.74E-04	4.93E-06	3.87E-03	4.85E-03
2144	494811.06, 3859701.99	0.06475	0.05374	0.06702	9.94E-04	3.91E-06	1.80E-03	0.002795	1.02E-03	3.85E-06	2.00E-03	3.02E-03	9.65E-04	4.89E-06	3.84E-03	4.81E-03
2145	494861.06, 3859701.99	0.06472	0.05376	0.06698	9.93E-04	3.91E-06	1.80E-03	0.002793	1.01E-03	3.85E-06	2.00E-03	3.02E-03	9.64E-04	4.89E-06	3.84E-03	4.81E-03
2146	494911.06, 3859701.99	0.06423	0.05345	0.0665	9.86E-04	3.89E-06	1.78E-03	0.002773	1.01E-03	3.83E-06	1.98E-03	2.99E-03	9.57E-04	4.86E-06	3.81E-03	4.77E-03
2147	494961.06, 3859701.99	0.06375	0.05314	0.06604	9.78E-04	3.87E-06	1.77E-03	0.002753	1.00E-03	3.81E-06	1.97E-03	2.97E-03	9.50E-04	4.83E-06	3.78E-03	4.74E-03
2148	495011.06, 3859701.99	0.0635	0.05301	0.06579	9.74E-04	3.86E-06	1.76E-03	0.002743	9.96E-04	3.80E-06	1.96E-03	2.96E-03	9.46E-04	4.82E-06	3.77E-03	4.72E-03
2149	495061.06, 3859701.99	0.06312	0.05277	0.0654	9.69E-04	3.84E-06	1.75E-03	0.002726	9.90E-04	3.78E-06	1.95E-03	2.94E-03	9.40E-04	4.80E-06	3.75E-03	4.69E-03
2150	495111.06, 3859701.99	0.06272	0.05253	0.06502	9.62E-04	3.82E-06	1.74E-03	0.00271	9.83E-04	3.76E-06	1.94E-03	2.93E-03	9.34E-04	4.78E-06	3.72E-03	4.66E-03
2151	495161.06, 3859701.99	0.06227	0.05224	0.06457	9.56E-04	3.80E-06	1.73E-03	0.002691	9.76E-04	3.74E-06	1.93E-03	2.91E-03	9.28E-04	4.75E-06	3.70E-03	4.63E-03
2152	495211.06, 3859701.99	0.06179	0.05193	0.0641	9.48E-04	3.78E-06	1.72E-03	0.002671	9.69E-04	3.72E-06	1.91E-03	2.88E-03	9.20E-04	4.72E-06	3.67E-03	4.60E-03

2153	495261.06, 3859701.99	0.0617	0.05193	0.06401	9.47E-04	3.78E-06	1.72E-03	0.002667	9.67E-04	3.72E-06	1.91E-03	2.88E-03	9.19E-04	4.72E-06	3.67E-03	4.59E-03
2154	495311.06, 3859701.99	0.06127	0.05165	0.06358	9.40E-04	3.76E-06	1.71E-03	0.002649	9.61E-04	3.70E-06	1.90E-03	2.86E-03	9.13E-04	4.70E-06	3.64E-03	4.56E-03
2155	495361.06, 3859701.99	0.06086	0.0514	0.06319	9.34E-04	3.74E-06	1.69E-03	0.002632	9.54E-04	3.68E-06	1.89E-03	2.84E-03	9.07E-04	4.68E-06	3.62E-03	4.53E-03
2156	495411.06, 3859701.99	0.0603	0.05101	0.06263	9.25E-04	3.71E-06	1.68E-03	0.002609	9.45E-04	3.65E-06	1.87E-03	2.82E-03	8.98E-04	4.64E-06	3.59E-03	4.49E-03
2157	495461.06, 3859701.99	0.05986	0.05073	0.0622	9.19E-04	3.69E-06	1.67E-03	0.00259	9.39E-04	3.63E-06	1.86E-03	2.80E-03	8.92E-04	4.61E-06	3.56E-03	4.46E-03
2158	495511.06, 3859701.99	0.05901	0.05011	0.06136	9.06E-04	3.65E-06	1.65E-03	0.002555	9.25E-04	3.59E-06	1.83E-03	2.76E-03	8.79E-04	4.56E-06	3.51E-03	4.40E-03
2159	495561.06, 3859701.99	0.05904	0.05019	0.06139	9.06E-04	3.65E-06	1.65E-03	0.002556	9.26E-04	3.60E-06	1.83E-03	2.76E-03	8.80E-04	4.57E-06	3.52E-03	4.40E-03
2160	495611.06, 3859701.99	0.05865	0.04992	0.06099	9.00E-04	3.63E-06	1.64E-03	0.002539	9.20E-04	3.58E-06	1.82E-03	2.74E-03	8.74E-04	4.54E-06	3.49E-03	4.37E-03
2161	495661.06, 3859701.99	0.0582	0.04962	0.06055	8.93E-04	3.61E-06	1.62E-03	0.002521	9.13E-04	3.56E-06	1.81E-03	2.72E-03	8.67E-04	4.51E-06	3.47E-03	4.34E-03
2162	494311.06, 3859751.99	0.06858	0.05649	0.07051	1.05E-03	4.11E-06	1.89E-03	0.002948	1.08E-03	4.05E-06	2.10E-03	3.18E-03	1.02E-03	5.14E-06	4.04E-03	5.07E-03
2163	494361.06, 3859751.99	0.06815	0.05615	0.0701	1.05E-03	4.09E-06	1.88E-03	0.00293	1.07E-03	4.02E-06	2.09E-03	3.16E-03	1.02E-03	5.11E-06	4.02E-03	5.04E-03
2164	494411.06, 3859751.99	0.0676	0.05573	0.0696	1.04E-03	4.06E-06	1.87E-03	0.002908	1.06E-03	3.99E-06	2.08E-03	3.14E-03	1.01E-03	5.07E-06	3.99E-03	5.00E-03
2165	494461.06, 3859751.99	0.06767	0.05574	0.06962	1.04E-03	4.06E-06	1.87E-03	0.00291	1.06E-03	3.99E-06	2.08E-03	3.14E-03	1.01E-03	5.07E-06	3.99E-03	5.00E-03
2166	494511.06, 3859751.99	0.06755	0.05563	0.06948	1.04E-03	4.05E-06	1.86E-03	0.002904	1.06E-03	3.99E-06	2.07E-03	3.14E-03	1.01E-03	5.06E-06	3.98E-03	4.99E-03
2167	494561.06, 3859751.99	0.06714	0.05533	0.06909	1.03E-03	4.03E-06	1.85E-03	0.002887	1.05E-03	3.96E-06	2.06E-03	3.12E-03	1.00E-03	5.03E-06	3.96E-03	4.96E-03
2168	494611.06, 3859751.99	0.0666	0.05493	0.06859	1.02E-03	4.00E-06	1.84E-03	0.002866	1.04E-03	3.94E-06	2.05E-03	3.09E-03	9.92E-04	5.00E-06	3.93E-03	4.93E-03
2169	494661.06, 3859751.99	0.06569	0.05431	0.0678	1.01E-03	3.95E-06	1.82E-03	0.00283	1.03E-03	3.89E-06	2.02E-03	3.06E-03	9.79E-04	4.94E-06	3.88E-03	4.87E-03
2170	494711.06, 3859751.99	0.06561	0.05423	0.06766	1.01E-03	3.95E-06	1.81E-03	0.002825	1.03E-03	3.89E-06	2.02E-03	3.05E-03	9.77E-04	4.93E-06	3.88E-03	4.86E-03
2171	494761.06, 3859751.99	0.06533	0.05403	0.06738	1.00E-03	3.93E-06	1.81E-03	0.002814	1.02E-03	3.87E-06	2.01E-03	3.04E-03	9.73E-04	4.91E-06	3.86E-03	4.84E-03
2172	494811.06, 3859751.99	0.06483	0.05369	0.06691	9.95E-04	3.91E-06	1.79E-03	0.002793	1.02E-03	3.85E-06	2.00E-03	3.02E-03	9.66E-04	4.88E-06	3.83E-03	4.80E-03
2173	494861.06, 3859751.99	0.06448	0.05347	0.06657	9.89E-04	3.89E-06	1.79E-03	0.002779	1.01E-03	3.83E-06	1.99E-03	3.00E-03	9.61E-04	4.86E-06	3.81E-03	4.78E-03
2174	494911.06, 3859751.99	0.06413	0.05324	0.06623	9.84E-04	3.88E-06	1.78E-03	0.002764	1.01E-03	3.81E-06	1.98E-03	2.99E-03	9.55E-04	4.84E-06	3.79E-03	4.75E-03
2175	494961.06, 3859751.99	0.06377	0.05301	0.06588	9.79E-04	3.86E-06	1.77E-03	0.002749	1.00E-03	3.80E-06	1.97E-03	2.97E-03	9.50E-04	4.82E-06	3.77E-03	4.73E-03
2176	495011.06, 3859751.99	0.06337	0.05276	0.0655	9.72E-04	3.84E-06	1.76E-03	0.002733	9.94E-04	3.78E-06	1.95E-03	2.95E-03	9.44E-04	4.80E-06	3.75E-03	4.70E-03
2177	495061.06, 3859751.99	0.06312	0.05261	0.06525	9.69E-04	3.83E-06	1.75E-03	0.002722	9.90E-04	3.77E-06	1.95E-03	2.94E-03	9.40E-04	4.79E-06	3.74E-03	4.68E-03
2178	495111.06, 3859751.99	0.06273	0.05236	0.06487	9.63E-04	3.81E-06	1.74E-03	0.002706	9.84E-04	3.75E-06	1.94E-03	2.92E-03	9.34E-04	4.76E-06	3.72E-03	4.66E-03
2179	495161.06, 3859751.99	0.06229	0.05208	0.06444	9.56E-04	3.79E-06	1.73E-03	0.002688	9.77E-04	3.73E-06	1.92E-03	2.90E-03	9.28E-04	4.74E-06	3.69E-03	4.62E-03
2180	495211.06, 3859751.99	0.06182	0.05178	0.064	9.49E-04	3.77E-06	1.72E-03	0.002669	9.69E-04	3.71E-06	1.91E-03	2.88E-03	9.21E-04	4.71E-06	3.67E-03	4.59E-03
2181	495261.06, 3859751.99	0.06154	0.05162	0.06372	9.44E-04	3.76E-06	1.71E-03	0.002657	9.65E-04	3.70E-06	1.90E-03	2.87E-03	9.17E-04	4.70E-06	3.65E-03	4.57E-03
2182	495311.06, 3859751.99	0.06113	0.05136	0.06332	9.38E-04	3.74E-06	1.70E-03	0.00264	9.58E-04	3.68E-06	1.89E-03	2.85E-03	9.11E-04	4.67E-06	3.63E-03	4.54E-03
2183	495361.06, 3859751.99	0.06076	0.05113	0.06296	9.32E-04	3.72E-06	1.69E-03	0.002625	9.53E-04	3.66E-06	1.88E-03	2.83E-03	9.05E-04	4.65E-06	3.61E-03	4.52E-03
2184	495411.06, 3859751.99	0.0604	0.05091	0.0626	9.27E-04	3.71E-06	1.68E-03	0.00261	9.47E-04	3.65E-06	1.87E-03	2.82E-03	9.00E-04	4.63E-06	3.59E-03	4.49E-03
2185	495461.06, 3859751.99	0.05984	0.05053	0.06206	9.18E-04	3.68E-06	1.66E-03	0.002586	9.38E-04	3.62E-06	1.85E-03	2.79E-03	8.91E-04	4.60E-06	3.56E-03	4.45E-03
2186	495511.06, 3859751.99	0.05927	0.05014	0.06151	9.10E-04	3.65E-06	1.65E-03	0.002563	9.29E-04	3.59E-06	1.83E-03	2.77E-03	8.83E-04	4.56E-06	3.52E-03	4.41E-03
2187	495561.06, 3859751.99	0.05889	0.0499	0.06113	9.04E-04	3.63E-06	1.64E-03	0.002547	9.23E-04	3.58E-06	1.82E-03	2.75E-03	8.77E-04	4.54E-06	3.50E-03	4.38E-03
2188	495611.06, 3859751.99	0.05852	0.04966	0.06077	8.98E-04	3.61E-06	1.63E-03	0.002531	9.18E-04	3.56E-06	1.81E-03	2.73E-03	8.72E-04	4.52E-06	3.48E-03	4.36E-03
2189	495661.06, 3859751.99	0.05826	0.0495	0.06051	8.94E-04	3.60E-06	1.62E-03	0.002521	9.13E-04	3.55E-06	1.81E-03	2.72E-03	8.68E-04	4.50E-06	3.47E-03	4.34E-03
2190	494311.06, 3859801.99	0.06807	0.0562	0.06983	1.04E-03	4.09E-06	1.87E-03	0.002922	1.07E-03	4.03E-06	2.08E-03	3.15E-03	1.01E-03	5.11E-06	4.00E-03	5.02E-03
2191	494361.06, 3859801.99	0.06749	0.05575	0.06929	1.04E-03	4.06E-06	1.86E-03	0.002898	1.06E-03	3.99E-06	2.07E-03	3.13E-03	1.01E-03	5.07E-06	3.97E-03	4.98E-03
2192	494411.06, 3859801.99	0.06686	0.05526	0.06872	1.03E-03	4.02E-06	1.84E-03	0.002873	1.05E-03	3.96E-06	2.05E-03	3.10E-03	9.96E-04	5.03E-06	3.94E-03	4.94E-03
2193	494461.06, 3859801.99	0.06687	0.05522	0.06869	1.03E-03	4.02E-06	1.84E-03	0.002872	1.05E-03	3.96E-06	2.05E-03	3.10E-03	9.96E-04	5.02E-06	3.93E-03	4.94E-03
2194	494511.06, 3859801.99	0.06691	0.05521	0.06869	1.03E-03	4.02E-06	1.84E-03	0.002873	1.05E-03	3.96E-06	2.05E-03	3.10E-03	9.97E-04	5.02E-06	3.93E-03	4.94E-03
2195	494561.06, 3859801.99	0.06655	0.05492	0.06834	1.02E-03	4.00E-06	1.83E-03	0.002858	1.04E-03	3.94E-06	2.04E-03	3.09E-03	9.91E-04	5.00E-06	3.91E-03	4.91E-03
2196	494611.06, 3859801.99	0.0658	0.05436	0.06767	1.01E-03	3.96E-06	1.81E-03	0.002829	1.03E-03	3.90E-06	2.02E-03	3.05E-03	9.80E-04	4.94E-06	3.88E-03	4.86E-03
2197	494661.06, 3859801.99	0.06537	0.05404	0.06726	1.00E-03	3.93E-06	1.80E-03	0.002811	1.02E-03	3.87E-06	2.01E-03	3.04E-03	9.74E-04	4.92E-06	3.85E-03	4.83E-03
2198	494711.06, 3859801.99	0.06483	0.05364	0.06676	9.95E-04	3.90E-06	1.79E-03	0.002789	1.02E-03	3.84E-06	1.99E-03	3.01E-03	9.66E-04	4.88E-06	3.82E-03	4.79E-03
2199	494761.06, 3859801.99	0.06488	0.05367	0.06677	9.96E-04	3.91E-06	1.79E-03	0.00279	1.02E-03	3.85E-06	1.99E-03	3.01E-03	9.67E-04	4.88E-06	3.82E-03	4.80E-03
2200	494811.06, 3859801.99	0.06446	0.05337	0.06637	9.89E-04	3.88E-06	1.78E-03	0.002773	1.01E-03	3.82E-06	1.98E-03	2.99E-03	9.60E-04	4.85E-06	3.80E-03	4.77E-03
2201	494861.06, 3859801.99	0.06418	0.05317	0.0661	9.85E-04	3.87E-06	1.77E-03	0.002762	1.01E-03	3.81E-06	1.97E-03	2.98E-03	9.56E-04	4.84E-06	3.79E-03	4.75E-03
2202	494911.06, 3859801.99	0.0637	0.05284	0.06565	9.77E-04	3.85E-06	1.76E-03	0.002742	9.99E-04	3.79E-06	1.96E-03	2.96E-03	9.49E-04	4.81E-06	3.76E-03	4.71E-03
2203	494961.06, 3859801.99	0.06337	0.05261	0.06533	9.72E-04	3.83E-06	1.75E-03	0.002728	9.94E-04	3.77E-06	1.95E-03	2.95E-03	9.44E-04	4.79E-06	3.74E-03	4.69E-03
2204	495011.06, 3859801.99	0.063	0.05237	0.06498	9.67E-04	3.81E-06	1.74E-03	0.002713	9.88E-04	3.75E-06	1.94E-03	2.93E-03	9.39E-04	4.76E-06	3.72E-03	4.67E-03
2205	495061.06, 3859801.99	0.06272	0.05219	0.06471	9.62E-04	3.80E-06	1.74E-03	0.002702	9.83E-04	3.74E-06	1.93E-03	2.92E-03	9.34E-04	4.75E-06	3.71E-03	4.65E-03
2206	495111.06, 3859801.99	0.06228	0.0519	0.06429	9.56E-04	3.78E-06	1.72E-03	0.002684	9.76E-04	3.72E-06	1.92E-03	2.90E-03	9.28E-04	4.72E-06	3.68E-03	4.62E-03
2207	495161.06, 3859801.99	0.06187	0.05163	0.0639	9.49E-04	3.76E-06	1.71E-03	0.002667	9.70E-04	3.70E-06	1.91E-03	2.88E-03	9.22E-04	4.70E-06	3.66E-03	4.59E-03
2208	495211.06, 3859801.99	0.06158	0.05146	0.06362	9.45E-04	3.75E-06	1.71E-03	0.002655	9.66E-04	3.69E-06	1.90E-03	2.87E-03	9.17E-04	4.68E-06	3.64E-03	4.57E-03
2209	495261.06, 3859801.99	0.06115	0.05118	0.06321	9.38E-04	3.73E-06	1.70E-03	0.002637	9.59E-04	3.67E-06	1.89E-03	2.85E-03	9.11E-04	4.66E-06	3.62E-03	4.54E-03
2210	495311.06, 3859801.99	0.06089	0.05103	0.06295	9.34E-04	3.71E-06	1.69E-03	0.002626	9.55E-04	3.66E-06	1.88E-03	2.84E-03	9.07E-04	4.64E-06	3.61E-03	4.52E-03
2211	495361.06, 3859801.99	0.0605	0.05078	0.06258	9.28E-04	3.70E-06	1.68E-03	0.002611	9.49E-04	3.64E-06	1.87E-03	2.82E-03	9.01E-04	4.62E-06	3.58E-03	4.49E-03
2212	495411.06, 3859801.99	0.06004	0.05047	0.06213	9.21E-04	3.67E-06	1.67E-03	0.002591	9.41E-04	3.62E-06	1.85E-03	2.80E-03	8.94E-04	4.59E-06	3.56E-03	4.46E-03
2213	495461.06, 3859801.99	0.05967	0.05024	0.06177	9.16E-04	3.66E-06	1.66E-03	0.002576	9.36E-04	3.60E-06	1.84E-03	2.78E-03	8.89E-04	4.57E-06	3.54E-03	4.43E-03
2214	495511.06, 3859801.99	0.05911	0.04986	0.06123	9.07E-04	3.63E-06	1.64E-03	0.002553	9.27E-04	3.57E-06	1.83E-03	2.76E-03	8.81E-04	4.54E-06	3.51E-03	4.39E-03
2215	495561.06, 3859801.99	0.0588	0.04967	0.06093	9.02E-04	3.62E-06	1.63E-03	0.00254	9.22E-04	3.56E-06	1.82E-03	2.74E-03	8.76E-04	4.52E-06	3.49E-03	4.37E-03
2216	495611.06, 3859801.99	0.05867	0.04961	0.06079	9.00E-04	3.61E-06	1.63E-03	0.002534	9.20E-04	3.55E-06	1.81E-03	2.74E-03	8.74E-04	4.51E-06	3.48E-03	4.36E-03
2217	495661.06, 3859801.99	0.05816	0.04926	0.0603	8.92E-04	3.59E-06	1.62E-03	0.002513	9.12E-04	3.53E-06	1.80E-03	2.71E-03	8.66E-04	4.48E-06	3.45E-03	4.33E-03
2218	494311.06, 3859851.99	0.06726	0.05572	0.0689	1.03E-03	4.06E-06	1.85E-03	0.002884	1.05E-03	3.99E-06	2.06E-03	3.11E-03	1.00E-03	5.07E-06	3.95E-03	4.95E-03
2219	494361.06, 3859851.99	0.06683	0.05536	0.06849	1.03E-03	4.03E-06	1.84E-03	0.002866	1.05E-03	3.97E-06	2.04E-03	3.10E-03	9.96E-04	5.04E-06	3.92E-03	4.92E-03
2220	494411.06, 3859851.99	0.06633	0.05495	0.06803	1.02E-03	4.00E-06	1.82E-03	0.002846	1.04E-03	3.94E-06	2.03E-03	3.07E-03	9.88E-04	5.00E-06	3.90E-03	4.89E-03
2221	494461.06, 3859851.99	0.06595	0.05464	0.06767	1.01E-03	3.98E-06	1.81E-03	0.002831	1.03E-03	3.92E-06	2.02E-03	3.06E-03	9.82E-04	4.97E-06	3.88E-03	4.86E-03
2222	494511.06, 3859851.99	0.06584	0.05451	0.06754	1.01E-03	3.97E-06	1.81E-03	0.002826	1.03E-03	3.91E-06	2.01E-03	3.05E-03	9.81E-04	4.96E-06	3.87E-03	4.85E-03
2223	494561.06, 3859851.99	0.06579	0.05443	0.06746	1.01E-03	3.96E-06	1.81E-03	0.002823	1.03E-03	3.90E-06	2.01E-03	3.05E-03	9.80E-04	4.95E-06	3.86E-03	4.85E-03
2224	494611.06, 3859851.99	0.06505	0.05387	0.0668	9.98E-04	3.92E-06	1.79E-03	0.002794	1.02E-03	3.86E-06	1.99E-03	3.02E-03	9.69E-04	4.90E-06	3.83E-03	4.80E-03
2225	494661.06, 3859851.99	0.06489	0.05372	0.06662	9.96E-04	3.91E-06	1.79E-03	0.002786	1.02E-03	3.85E-06	1.99E-03	3.01E-03	9.67E-04	4.89E-06	3.82E-03	4.79E-03
2226	494711.06, 3859851.99	0.06432	0.05329	0.0661	9.87E-04	3.88E-06	1.77E-03	0.002764	1.01E-03	3.82E-06	1.97E-03	2.98E-03	9.58E-04	4.85E-06	3.79E-03	4.75E-03
2227	494761.06, 3859851.99	0.06429	0.05325	0.06604	9.87E-04	3.88E-06	1.77E-03	0.002762	1.01E-03	3.82E-06	1.97E-03	2.98E-03	9.58E-04	4.84E-06	3.78E-03	4.75E-03
2228	494811.06, 3859851.99	0.06393	0.05297	0.0657	9.81E-04	3.86E-06	1.76E-03	0.002747	1.00E-03	3.80E-06	1.96E-03	2.97E-03	9.52E-04	4.82E-06	3.76E-03	4.72E-03
2229	494861.06, 3859851.99	0.0637	0.0528	0.06547	9.77E-04	3.84E-06	1.76E-03	0.002737	9.99E-04	3.78E-06	1.95E-03	2.96E-03	9.49E-04	4.80E-06	3.75E-03	4.70E-03
2230	494911.06, 3859851.99	0.06328	0.05249	0.06508	9.71E-04	3.82E-06	1.75E-03	0.00272	9.92E-04	3.76E-06	1.94E-03	2.94E-03	9.43E-04	4.77E-06	3.73E-03	4.68E-03
2231	494961.06, 3859851.99	0.06295	0.05226	0.06477	9.66E-04	3.80E-06	1.74E-03	0.002707	9.87E-04	3.74E-06	1.93E-03	2.92E-03	9.38E-04	4.75E-06	3.71E-03	4.65E-03
2232	495011.06, 3859851.99	0.06262	0.05203	0.06445	9.61E-04	3.79E-06	1.73E-03	0.002693	9.82E-04	3.73E-06	1.92E-03	2.91E-03	9.33E-04	4.73E-06	3.69E-03	4.63E-03
2233	495061.06, 3859851.99	0.06235	0.05184	0.06419	9.57E-04	3.77E-06	1.72E-03	0.002682	9.78E-04	3.71E-06	1.91E-03	2.90E-03	9.29E-04	4.72E-06	3.68E-03	4.61E-03
2234	495111.06, 3859851.99	0.06191	0.05154	0.06377	9.50E-04	3.75E-06	1.71E-03	0.002664	9.71E-04	3.69E-06	1.90E-03	2.88E-03	9.22E-04	4.69E-06	3.65E-03	4.58E-03
2235	495161.06, 3859851.99	0.06155	0.0513	0.06343	9.44E-04	3.73E-06	1.70E-03	0.002649	9.65E-04	3.68E-06	1.89E-03	2.86E-03	9.17E-04	4.67E-06	3.63E-03	4.56E-03
2236	495211.06, 3859851.99	0.06121	0.05108	0.06311	9.39E-04	3.72E-06	1.69E-03	0.002636	9.60E-04	3.66E-06	1.88E-03	2.85E-03	9.12E-04	4.65E-06	3.62E-03	4.53E-03
2237	495261.06, 3859851.99	0.06085	0.05084	0.06276	9.34E-04	3.70E-06	1.68E-03	0.002621	9.54E-04	3.64E-06	1.87E-03	2.83E-03	9.06E-04	4.62E-06	3.60E-03	4.51E-03
2238	495311.06, 3859851.99	0.06057	0.05066	0.06249	9.29E-04	3.69E-06	1.68E-03	0.002609	9.50E-04	3.63E-06	1.86E-03	2.82E-03	9.02E-04	4.61E-06	3.58E-03	4.49E-03
2239	495361.06, 3859851.99	0.06024	0.05045	0.06218	9.24E-04	3.67E-06	1.67E-03	0.002596	9.45E-04	3.61E-06	1.85E-03	2.80E-03	8.97E-04	4.59E-06	3.56E-03	4.46E-03
2240	495411.06, 3859851.99	0.05982	0.05018	0.06178	9.18E-04	3.65E-06	1.66E-03	0.002579	9.38E-04	3.60E-06	1.84E-03	2.78E-03	8.91E-04	4.56E-06	3.54E-03	4.43E-03
2241	495461.06, 3859851.99	0.05941	0.04991	0.06138	9.12E-04	3.63E-06	1.65E-03	0.002562	9.31E-04	3.58E-06	1.83E-03	2.77E-03	8.85E-04	4.54E-06	3.52E-03	4.41E-03
2242	495511.06, 3859851.99	0.05894	0.04959	0.06094	9.04E-04	3.61E-06	1.63E-03	0.002542	9.24E-04	3.55E-06	1.82E-03	2.75E-03	8.78E-04	4.51E-06	3.49E-03	4.37E-03
2243	495561.06, 3859851.99	0.0587	0.04945	0.0607	9.01E-04	3.60E-06	1.63E-03	0.002532	9.20E-04	3.54E-06	1.81E-03	2.73E-03	8.74E-04	4.50E-06	3.48E-03	4.36E-03
2244	495611.06, 3859851.99	0.05844	0.04929	0.06044	8.97E-04	3.59E-06	1.62E-03	0.002521	9.16E-04	3.53E-06	1.80E-03	2.72E-03	8.71E-04	4.48E-06	3.46E-03	4.34E-03
2245	495661.06, 3859851.99	0.05798	0.04898	0.06	8.90E-04	3.57E-06	1.61E-03	0.002503	9.09E-04	3.51E-06	1.79E-03	2.70E-03	8.64E-04	4.46E-06	3.44E-03	4.31E-03
2246	494311.06, 3859901.99	0.06638	0.05518	0.06793	1.02E-03	4.02E-06	1.82E-03	0.002845	1.04E-03	3.95E-06	2.03E-03	3.07E-03	9.89E-04	5.02E-06	3.89E-03	4.89E-03
2247	494361.06, 3859901.99	0.06579	0.05472	0.06738	1.01E-03	3.98E-06	1.81E-03	0.002821	1.03E-03	3.92E-06	2.01E-03	3.05E-03	9.80E-04	4.98E-06	3.86E-03	4.84E-03
2248	494411.06, 3859901.99	0.06559	0.05452	0.06718	1.01E-03	3.97E-06	1.80E-03	0.002812	1.03E-03	3.91E-06	2.00E-03	3.04E-03	9.77E-04	4.96E-06	3.85E-03	4.83E-03
2249	494461.06, 3859901.99	0.06525	0.05422	0.06685	1.00E-03	3.95E-06	1.79E-03	0.002798	1.02E-03	3.88E-06	1.99E-03	3.02E-03	9.72E-04	4.93E-06	3.83E-03	4.81E-03
2250	494511.06, 3859901.99	0.06503	0.05401	0.06663	9.98E-04	3.93E-06	1.79E-03	0.002789	1.02E-03	3.87E-06	1.99E-03	3.01E-03	9.69E-04	4.91E-06	3.82E-03	4.79E-03

2251	494561.06, 3859901.99	0.06504	0.05397	0.06661	9.98E-04	3.93E-06	1.79E-03	0.002788	1.02E-03	3.87E-06	1.99E-03	3.01E-03	9.69E-04	4.91E-06	3.82E-03	4.79E-03
2252	494611.06, 3859901.99	0.06435	0.05343	0.06597	9.87E-04	3.89E-06	1.77E-03	0.002761	1.01E-03	3.83E-06	1.97E-03	2.98E-03	9.59E-04	4.86E-06	3.78E-03	4.74E-03
2253	494661.06, 3859901.99	0.06431	0.05337	0.06591	9.87E-04	3.88E-06	1.77E-03	0.002758	1.01E-03	3.82E-06	1.97E-03	2.98E-03	9.58E-04	4.85E-06	3.78E-03	4.74E-03
2254	494711.06, 3859901.99	0.06362	0.05283	0.06528	9.76E-04	3.85E-06	1.75E-03	0.002731	9.98E-04	3.79E-06	1.95E-03	2.95E-03	9.48E-04	4.81E-06	3.74E-03	4.69E-03
2255	494761.06, 3859901.99	0.06349	0.05271	0.06514	9.74E-04	3.84E-06	1.75E-03	0.002725	9.95E-04	3.78E-06	1.94E-03	2.94E-03	9.46E-04	4.79E-06	3.73E-03	4.68E-03
2256	494811.06, 3859901.99	0.06337	0.0526	0.06501	9.72E-04	3.83E-06	1.74E-03	0.00272	9.94E-04	3.77E-06	1.94E-03	2.94E-03	9.44E-04	4.78E-06	3.72E-03	4.67E-03
2257	494861.06, 3859901.99	0.06313	0.05241	0.06478	9.69E-04	3.82E-06	1.74E-03	0.00271	9.90E-04	3.76E-06	1.93E-03	2.93E-03	9.40E-04	4.77E-06	3.71E-03	4.66E-03
2258	494911.06, 3859901.99	0.06273	0.0521	0.0644	9.63E-04	3.79E-06	1.73E-03	0.002694	9.84E-04	3.73E-06	1.92E-03	2.91E-03	9.34E-04	4.74E-06	3.69E-03	4.63E-03
2259	494961.06, 3859901.99	0.06247	0.0519	0.06415	9.59E-04	3.78E-06	1.72E-03	0.002683	9.79E-04	3.72E-06	1.91E-03	2.90E-03	9.31E-04	4.72E-06	3.67E-03	4.61E-03
2260	495011.06, 3859901.99	0.0621	0.05163	0.0638	9.53E-04	3.76E-06	1.71E-03	0.002668	9.74E-04	3.70E-06	1.90E-03	2.88E-03	9.25E-04	4.70E-06	3.65E-03	4.58E-03
2261	495061.06, 3859901.99	0.06178	0.0514	0.06349	9.48E-04	3.74E-06	1.70E-03	0.002655	9.69E-04	3.68E-06	1.89E-03	2.87E-03	9.20E-04	4.68E-06	3.64E-03	4.56E-03
2262	495111.06, 3859901.99	0.06136	0.05109	0.0631	9.42E-04	3.72E-06	1.69E-03	0.002638	9.62E-04	3.66E-06	1.88E-03	2.85E-03	9.14E-04	4.65E-06	3.61E-03	4.53E-03
2263	495161.06, 3859901.99	0.06097	0.05082	0.06274	9.36E-04	3.70E-06	1.68E-03	0.002622	9.56E-04	3.64E-06	1.87E-03	2.83E-03	9.08E-04	4.62E-06	3.59E-03	4.51E-03
2264	495211.06, 3859901.99	0.06075	0.05067	0.06251	9.32E-04	3.69E-06	1.68E-03	0.002612	9.53E-04	3.63E-06	1.86E-03	2.82E-03	9.05E-04	4.61E-06	3.58E-03	4.49E-03
2265	495261.06, 3859901.99	0.06029	0.05034	0.06208	9.25E-04	3.66E-06	1.67E-03	0.002594	9.45E-04	3.61E-06	1.85E-03	2.80E-03	8.98E-04	4.58E-06	3.56E-03	4.46E-03
2266	495311.06, 3859901.99	0.06007	0.0502	0.06187	9.22E-04	3.65E-06	1.66E-03	0.002585	9.42E-04	3.60E-06	1.85E-03	2.79E-03	8.95E-04	4.57E-06	3.54E-03	4.44E-03
2267	495361.06, 3859901.99	0.05972	0.04997	0.06154	9.16E-04	3.64E-06	1.65E-03	0.002571	9.36E-04	3.58E-06	1.84E-03	2.78E-03	8.90E-04	4.55E-06	3.53E-03	4.42E-03
2268	495411.06, 3859901.99	0.05931	0.04969	0.06115	9.10E-04	3.62E-06	1.64E-03	0.002554	9.30E-04	3.56E-06	1.82E-03	2.76E-03	8.84E-04	4.52E-06	3.50E-03	4.39E-03
2269	495461.06, 3859901.99	0.05895	0.04945	0.06081	9.05E-04	3.60E-06	1.63E-03	0.002539	9.24E-04	3.54E-06	1.81E-03	2.74E-03	8.78E-04	4.50E-06	3.48E-03	4.37E-03
2270	495511.06, 3859901.99	0.0587	0.0493	0.06057	9.01E-04	3.59E-06	1.62E-03	0.002529	9.20E-04	3.53E-06	1.81E-03	2.73E-03	8.74E-04	4.48E-06	3.47E-03	4.35E-03
2271	495561.06, 3859901.99	0.05845	0.04914	0.06032	8.97E-04	3.58E-06	1.62E-03	0.002518	9.16E-04	3.52E-06	1.80E-03	2.72E-03	8.71E-04	4.47E-06	3.46E-03	4.33E-03
2272	495611.06, 3859901.99	0.05805	0.04888	0.05995	8.91E-04	3.56E-06	1.61E-03	0.002502	9.10E-04	3.50E-06	1.79E-03	2.70E-03	8.65E-04	4.45E-06	3.43E-03	4.30E-03
2273	495661.06, 3859901.99	0.05763	0.04859	0.05954	8.84E-04	3.54E-06	1.60E-03	0.002485	9.04E-04	3.48E-06	1.78E-03	2.68E-03	8.59E-04	4.42E-06	3.41E-03	4.27E-03
2274	494311.06, 3859951.99	0.06555	0.05466	0.06702	1.01E-03	3.98E-06	1.80E-03	0.002807	1.03E-03	3.92E-06	2.00E-03	3.03E-03	9.77E-04	4.97E-06	3.84E-03	4.82E-03
2275	494361.06, 3859951.99	0.06515	0.05433	0.06664	1.00E-03	3.95E-06	1.79E-03	0.002791	1.02E-03	3.89E-06	1.99E-03	3.01E-03	9.71E-04	4.94E-06	3.82E-03	4.79E-03
2276	494411.06, 3859951.99	0.06478	0.05402	0.06628	9.94E-04	3.93E-06	1.78E-03	0.002776	1.02E-03	3.87E-06	1.98E-03	3.00E-03	9.65E-04	4.91E-06	3.80E-03	4.77E-03
2277	494461.06, 3859951.99	0.06447	0.05374	0.06598	9.89E-04	3.91E-06	1.77E-03	0.002763	1.01E-03	3.85E-06	1.97E-03	2.98E-03	9.60E-04	4.89E-06	3.78E-03	4.74E-03
2278	494511.06, 3859951.99	0.06425	0.05354	0.06576	9.86E-04	3.90E-06	1.76E-03	0.002754	1.01E-03	3.84E-06	1.96E-03	2.97E-03	9.57E-04	4.87E-06	3.77E-03	4.73E-03
2279	494561.06, 3859951.99	0.06429	0.05352	0.06577	9.87E-04	3.90E-06	1.76E-03	0.002754	1.01E-03	3.83E-06	1.96E-03	2.97E-03	9.58E-04	4.87E-06	3.77E-03	4.73E-03
2280	494611.06, 3859951.99	0.06373	0.05307	0.06525	9.78E-04	3.86E-06	1.75E-03	0.002732	9.99E-04	3.80E-06	1.95E-03	2.95E-03	9.49E-04	4.83E-06	3.74E-03	4.69E-03
2281	494661.06, 3859951.99	0.06364	0.05296	0.06514	9.77E-04	3.86E-06	1.75E-03	0.002728	9.98E-04	3.79E-06	1.94E-03	2.94E-03	9.48E-04	4.82E-06	3.73E-03	4.68E-03
2282	494711.06, 3859951.99	0.06311	0.05254	0.06465	9.68E-04	3.82E-06	1.73E-03	0.002706	9.90E-04	3.76E-06	1.93E-03	2.92E-03	9.40E-04	4.78E-06	3.70E-03	4.65E-03
2283	494761.06, 3859951.99	0.06289	0.05235	0.06443	9.65E-04	3.81E-06	1.73E-03	0.002697	9.86E-04	3.75E-06	1.92E-03	2.91E-03	9.37E-04	4.76E-06	3.69E-03	4.63E-03
2284	494811.06, 3859951.99	0.06264	0.05213	0.06418	9.61E-04	3.79E-06	1.72E-03	0.002686	9.82E-04	3.74E-06	1.91E-03	2.90E-03	9.33E-04	4.74E-06	3.68E-03	4.61E-03
2285	494861.06, 3859951.99	0.06247	0.05199	0.06402	9.59E-04	3.78E-06	1.72E-03	0.002679	9.79E-04	3.73E-06	1.91E-03	2.89E-03	9.31E-04	4.73E-06	3.67E-03	4.60E-03
2286	494911.06, 3859951.99	0.06209	0.05168	0.06365	9.53E-04	3.76E-06	1.71E-03	0.002664	9.74E-04	3.70E-06	1.90E-03	2.88E-03	9.25E-04	4.70E-06	3.65E-03	4.58E-03
2287	494961.06, 3859951.99	0.06174	0.0514	0.06332	9.47E-04	3.74E-06	1.70E-03	0.002649	9.68E-04	3.68E-06	1.89E-03	2.86E-03	9.20E-04	4.68E-06	3.63E-03	4.55E-03
2288	495011.06, 3859951.99	0.06141	0.05115	0.06301	9.42E-04	3.72E-06	1.69E-03	0.002636	9.63E-04	3.67E-06	1.88E-03	2.85E-03	9.15E-04	4.65E-06	3.61E-03	4.53E-03
2289	495061.06, 3859951.99	0.06114	0.05094	0.06275	9.38E-04	3.71E-06	1.68E-03	0.002625	9.59E-04	3.65E-06	1.87E-03	2.83E-03	9.11E-04	4.63E-06	3.59E-03	4.51E-03
2290	495111.06, 3859951.99	0.06075	0.05064	0.06238	9.32E-04	3.69E-06	1.67E-03	0.002609	9.53E-04	3.63E-06	1.86E-03	2.82E-03	9.05E-04	4.61E-06	3.57E-03	4.48E-03
2291	495161.06, 3859951.99	0.06038	0.05037	0.06203	9.27E-04	3.67E-06	1.66E-03	0.002594	9.47E-04	3.61E-06	1.85E-03	2.80E-03	8.99E-04	4.58E-06	3.55E-03	4.46E-03
2292	495211.06, 3859951.99	0.06001	0.0501	0.06168	9.21E-04	3.65E-06	1.65E-03	0.002579	9.41E-04	3.59E-06	1.84E-03	2.78E-03	8.94E-04	4.56E-06	3.53E-03	4.43E-03
2293	495261.06, 3859951.99	0.0597	0.04988	0.06139	9.16E-04	3.63E-06	1.65E-03	0.002566	9.36E-04	3.57E-06	1.83E-03	2.77E-03	8.89E-04	4.54E-06	3.52E-03	4.41E-03
2294	495311.06, 3859951.99	0.05952	0.04975	0.06121	9.13E-04	3.62E-06	1.64E-03	0.002559	9.33E-04	3.56E-06	1.83E-03	2.76E-03	8.87E-04	4.53E-06	3.51E-03	4.40E-03
2295	495361.06, 3859951.99	0.05924	0.04956	0.06094	9.09E-04	3.61E-06	1.63E-03	0.002547	9.29E-04	3.55E-06	1.82E-03	2.75E-03	8.83E-04	4.51E-06	3.49E-03	4.38E-03
2296	495411.06, 3859951.99	0.05887	0.0493	0.06059	9.03E-04	3.59E-06	1.63E-03	0.002532	9.23E-04	3.53E-06	1.81E-03	2.73E-03	8.77E-04	4.48E-06	3.47E-03	4.35E-03
2297	495461.06, 3859951.99	0.05853	0.04907	0.06027	8.98E-04	3.57E-06	1.62E-03	0.002518	9.18E-04	3.52E-06	1.80E-03	2.72E-03	8.72E-04	4.46E-06	3.45E-03	4.33E-03
2298	495511.06, 3859951.99	0.05819	0.04884	0.05995	8.93E-04	3.56E-06	1.61E-03	0.002504	9.12E-04	3.50E-06	1.79E-03	2.70E-03	8.67E-04	4.44E-06	3.43E-03	4.31E-03
2299	495561.06, 3859951.99	0.05804	0.04875	0.0598	8.91E-04	3.55E-06	1.60E-03	0.002498	9.10E-04	3.49E-06	1.78E-03	2.70E-03	8.65E-04	4.43E-06	3.43E-03	4.29E-03
2300	495611.06, 3859951.99	0.05767	0.0485	0.05945	8.85E-04	3.53E-06	1.59E-03	0.002483	9.04E-04	3.48E-06	1.77E-03	2.68E-03	8.59E-04	4.41E-06	3.41E-03	4.27E-03
2301	495661.06, 3859951.99	0.05724	0.04821	0.05904	8.78E-04	3.51E-06	1.58E-03	0.002465	8.97E-04	3.45E-06	1.76E-03	2.66E-03	8.53E-04	4.39E-06	3.38E-03	4.24E-03
2302	494311.06, 3860001.99	0.06465	0.05409	0.06608	9.92E-04	3.94E-06	1.77E-03	0.002768	1.01E-03	3.88E-06	1.97E-03	2.99E-03	9.63E-04	4.92E-06	3.79E-03	4.75E-03
2303	494361.06, 3860001.99	0.06435	0.05382	0.06577	9.87E-04	3.92E-06	1.76E-03	0.002755	1.01E-03	3.86E-06	1.96E-03	2.97E-03	9.59E-04	4.90E-06	3.77E-03	4.73E-03
2304	494411.06, 3860001.99	0.06391	0.05347	0.06536	9.81E-04	3.89E-06	1.75E-03	0.002738	1.00E-03	3.83E-06	1.95E-03	2.96E-03	9.52E-04	4.86E-06	3.74E-03	4.70E-03
2305	494461.06, 3860001.99	0.06368	0.05326	0.06512	9.77E-04	3.88E-06	1.75E-03	0.002728	9.98E-04	3.82E-06	1.94E-03	2.94E-03	9.49E-04	4.84E-06	3.73E-03	4.68E-03
2306	494511.06, 3860001.99	0.06333	0.05296	0.06478	9.72E-04	3.86E-06	1.74E-03	0.002713	9.93E-04	3.79E-06	1.93E-03	2.93E-03	9.43E-04	4.82E-06	3.71E-03	4.66E-03
2307	494561.06, 3860001.99	0.06344	0.053	0.06488	9.73E-04	3.86E-06	1.74E-03	0.002717	9.95E-04	3.80E-06	1.94E-03	2.93E-03	9.45E-04	4.82E-06	3.72E-03	4.67E-03
2308	494611.06, 3860001.99	0.06308	0.05269	0.06452	9.68E-04	3.84E-06	1.73E-03	0.002702	9.89E-04	3.78E-06	1.92E-03	2.92E-03	9.40E-04	4.79E-06	3.70E-03	4.64E-03
2309	494661.06, 3860001.99	0.06283	0.05247	0.06428	9.64E-04	3.82E-06	1.72E-03	0.002692	9.85E-04	3.76E-06	1.92E-03	2.91E-03	9.36E-04	4.77E-06	3.68E-03	4.62E-03
2310	494711.06, 3860001.99	0.06219	0.05195	0.06367	9.54E-04	3.78E-06	1.71E-03	0.002666	9.75E-04	3.72E-06	1.90E-03	2.88E-03	9.26E-04	4.73E-06	3.65E-03	4.58E-03
2311	494761.06, 3860001.99	0.06215	0.0519	0.06362	9.54E-04	3.78E-06	1.71E-03	0.002664	9.74E-04	3.72E-06	1.90E-03	2.88E-03	9.26E-04	4.72E-06	3.64E-03	4.58E-03
2312	494811.06, 3860001.99	0.06194	0.05171	0.06342	9.50E-04	3.76E-06	1.70E-03	0.002655	9.71E-04	3.71E-06	1.89E-03	2.87E-03	9.23E-04	4.70E-06	3.63E-03	4.56E-03
2313	494861.06, 3860001.99	0.06176	0.05155	0.06324	9.48E-04	3.75E-06	1.70E-03	0.002648	9.68E-04	3.69E-06	1.89E-03	2.86E-03	9.20E-04	4.69E-06	3.62E-03	4.55E-03
2314	494911.06, 3860001.99	0.06116	0.05107	0.06267	9.39E-04	3.72E-06	1.68E-03	0.002623	9.59E-04	3.66E-06	1.87E-03	2.83E-03	9.11E-04	4.65E-06	3.59E-03	4.51E-03
2315	494961.06, 3860001.99	0.06097	0.0509	0.06248	9.36E-04	3.71E-06	1.68E-03	0.002615	9.56E-04	3.65E-06	1.86E-03	2.82E-03	9.08E-04	4.63E-06	3.58E-03	4.49E-03
2316	495011.06, 3860001.99	0.06063	0.05063	0.06216	9.30E-04	3.69E-06	1.67E-03	0.002601	9.51E-04	3.63E-06	1.85E-03	2.81E-03	9.03E-04	4.61E-06	3.56E-03	4.47E-03
2317	495061.06, 3860001.99	0.06046	0.05048	0.06198	9.28E-04	3.67E-06	1.66E-03	0.002594	9.48E-04	3.62E-06	1.85E-03	2.80E-03	9.01E-04	4.59E-06	3.55E-03	4.46E-03
2318	495111.06, 3860001.99	0.06011	0.0502	0.06165	9.22E-04	3.65E-06	1.65E-03	0.00258	9.42E-04	3.60E-06	1.84E-03	2.79E-03	8.95E-04	4.57E-06	3.53E-03	4.43E-03
2319	495161.06, 3860001.99	0.05975	0.04993	0.06131	9.17E-04	3.63E-06	1.64E-03	0.002565	9.37E-04	3.58E-06	1.83E-03	2.77E-03	8.90E-04	4.54E-06	3.51E-03	4.41E-03
2320	495211.06, 3860001.99	0.05957	0.04979	0.06113	9.14E-04	3.62E-06	1.64E-03	0.002557	9.34E-04	3.57E-06	1.82E-03	2.76E-03	8.87E-04	4.53E-06	3.50E-03	4.39E-03
2321	495261.06, 3860001.99	0.05924	0.04954	0.06082	9.09E-04	3.61E-06	1.63E-03	0.002544	9.29E-04	3.55E-06	1.81E-03	2.75E-03	8.83E-04	4.51E-06	3.48E-03	4.37E-03
2322	495311.06, 3860001.99	0.05898	0.04935	0.06057	9.05E-04	3.59E-06	1.62E-03	0.002533	9.25E-04	3.54E-06	1.81E-03	2.74E-03	8.79E-04	4.49E-06	3.47E-03	4.35E-03
2323	495361.06, 3860001.99	0.05851	0.049	0.06013	8.98E-04	3.57E-06	1.61E-03	0.002514	9.17E-04	3.51E-06	1.79E-03	2.71E-03	8.72E-04	4.46E-06	3.44E-03	4.32E-03
2324	495411.06, 3860001.99	0.05838	0.04891	0.05999	8.96E-04	3.56E-06	1.61E-03	0.002508	9.15E-04	3.50E-06	1.79E-03	2.71E-03	8.70E-04	4.45E-06	3.44E-03	4.31E-03
2325	495461.06, 3860001.99	0.05808	0.0487	0.05971	8.91E-04	3.54E-06	1.60E-03	0.002496	9.11E-04	3.49E-06	1.78E-03	2.70E-03	8.65E-04	4.43E-06	3.42E-03	4.29E-03
2326	495511.06, 3860001.99	0.05779	0.0485	0.05943	8.87E-04	3.53E-06	1.59E-03	0.002484	9.06E-04	3.48E-06	1.77E-03	2.68E-03	8.61E-04	4.41E-06	3.40E-03	4.27E-03
2327	495561.06, 3860001.99	0.0576	0.04837	0.05924	8.84E-04	3.52E-06	1.59E-03	0.002476	9.03E-04	3.47E-06	1.77E-03	2.67E-03	8.58E-04	4.40E-06	3.39E-03	4.26E-03
2328	495611.06, 3860001.99	0.05723	0.04811	0.05889	8.78E-04	3.50E-06	1.58E-03	0.002461	8.97E-04	3.45E-06	1.76E-03	2.66E-03	8.53E-04	4.38E-06	3.37E-03	4.23E-03
2329	495661.06, 3860001.99	0.05687	0.04786	0.05856	8.73E-04	3.48E-06	1.57E-03	0.002447	8.92E-04	3.43E-06	1.75E-03	2.64E-03	8.47E-04	4.35E-06	3.35E-03	4.21E-03
2330	494411.06, 3860051.99	0.06311	0.05296	0.06452	9.68E-04	3.86E-06	1.73E-03	0.002703	9.90E-04	3.79E-06	1.92E-03	2.92E-03	9.40E-04	4.82E-06	3.70E-03	4.64E-03
2331	494461.06, 3860051.99	0.06281	0.0527	0.06422	9.64E-04	3.84E-06	1.72E-03	0.00269	9.85E-04	3.78E-06	1.92E-03	2.90E-03	9.36E-04	4.79E-06	3.68E-03	4.62E-03
2332	494511.06, 3860051.99	0.06253	0.05246	0.06394	9.60E-04	3.82E-06	1.71E-03	0.002678	9.80E-04	3.76E-06	1.91E-03	2.89E-03	9.32E-04	4.77E-06	3.66E-03	4.60E-03
2333	494561.06, 3860051.99	0.06244	0.05236	0.06386	9.58E-04	3.81E-06	1.71E-03	0.002675	9.79E-04	3.75E-06	1.91E-03	2.89E-03	9.30E-04	4.76E-06	3.66E-03	4.59E-03
2334	494611.06, 3860051.99	0.06223	0.05217	0.06365	9.55E-04	3.80E-06	1.71E-03	0.002666	9.76E-04	3.74E-06	1.90E-03	2.88E-03	9.27E-04	4.75E-06	3.65E-03	4.58E-03
2335	494661.06, 3860051.99	0.062	0.05196	0.06342	9.51E-04	3.78E-06	1.70E-03	0.002656	9.72E-04	3.72E-06	1.89E-03	2.87E-03	9.24E-04	4.73E-06	3.63E-03	4.56E-03
2336	494711.06, 3860051.99	0.06159	0.05161	0.06301	9.45E-04	3.76E-06	1.69E-03	0.002639	9.66E-04	3.70E-06	1.88E-03	2.85E-03	9.18E-04	4.69E-06	3.61E-03	4.53E-03
2337	494761.06, 3860051.99	0.06137	0.05142	0.0628	9.42E-04	3.74E-06	1.68E-03	0.00263	9.62E-04	3.68E-06	1.87E-03	2.84E-03	9.14E-04	4.68E-06	3.60E-03	4.52E-03
2338	494811.06, 3860051.99	0.06122	0.05129	0.06266	9.39E-04	3.73E-06	1.68E-03	0.002624	9.60E-04	3.68E-06	1.87E-03	2.83E-03	9.12E-04	4.67E-06	3.59E-03	4.51E-03
2339	494861.06, 3860051.99	0.06104	0.05114	0.06249	9.37E-04	3.72E-06	1.68E-03	0.002616	9.57E-04	3.66E-06	1.86E-03	2.82E-03	9.09E-04	4.65E-06	3.58E-03	4.49E-03
2340	494911.06, 3860051.99	0.0607	0.05084	0.06215	9.31E-04	3.70E-06	1.67E-03	0.002602	9.52E-04	3.64E-06	1.85E-03	2.81E-03	9.04E-04	4.62E-06	3.56E-03	4.47E-03
2341	494961.06, 3860051.99	0.06034	0.05053	0.06179	9.26E-04	3.68E-06	1.66E-03	0.002587	9.46E-04	3.62E-06	1.84E-03	2.79E-03	8.99E-04	4.60E-06	3.54E-03	4.44E-03
2342	495011.06, 3860051.99	0.06	0.05025	0.06146	9.21E-04	3.66E-06	1.65E-03	0.002573	9.41E-04	3.60E-06	1.83E-03	2.78E-03	8.94E-04	4.57E-06	3.52E-03	4.42E-03
2343	495061.06, 3860051.99	0.05972	0.05001	0.06119	9.16E-04	3.64E-06	1.64E-03	0.002561	9.36E-04	3.58E-06	1.83E-03	2.77E-03	8.90E-04	4.55E-06	3.51E-03	4.40E-03
2344	495111.06, 3860051.99	0.05936	0.04971	0.06083	9.11E-04	3.62E-06	1.63E-03	0.002546	9.31E-04	3.56E-06	1.81E-03	2.75E-03	8.84E-04	4.52E-06	3.48E-03	4.37E-03
2345	495161.06, 3860051.99	0.05908	0.04949	0.06057	9.07E-04	3.60E-06	1.62E-03	0.002535	9.26E-04	3.55E-06	1.81E-03	2.74E-03	8.80E-04	4.50E-06	3.47E-03	4.35E-03
2346	495211.06, 3860051.99	0.05876	0.04923	0.06026	9.02E-04	3.58E-06	1.62E-03	0.002521	9.21E-04	3.53E-06	1.80E-03	2.72E-03	8.75E-04	4.48E-06	3.45E-03	4.33E-03
2347	495261.06, 3860051.99	0.05853	0.04905	0.06004	8.98E-04	3.57E-06	1.61E-03	0.002512	9.18E-04	3.51E-06	1.79E-03	2.71E-03	8.72E-04	4.46E-06	3.44E-03	4.32E-03
2348	495311.06, 3860051.99	0.05833	0.04889	0.05984	8.95E-04	3.56E-06	1.60E-03	0.002504	9.15E-04	3.50E-06	1.79E-03	2.70E-03	8.69E-04	4.45E-06	3.43E-03	4.30E-03

2349	495361.06, 3860051.99	0.05808	0.04871	0.0596	8.91E-04	3.55E-06	1.60E-03	0.002493	9.11E-04	3.49E-06	1.78E-03	2.69E-03	8.65E-04	4.43E-06	3.41E-03	4.28E-03
2350	495411.06, 3860051.99	0.05782	0.04851	0.05935	8.87E-04	3.53E-06	1.59E-03	0.002483	9.07E-04	3.48E-06	1.77E-03	2.68E-03	8.61E-04	4.41E-06	3.40E-03	4.27E-03
2351	495461.06, 3860051.99	0.05752	0.04828	0.05907	8.83E-04	3.51E-06	1.58E-03	0.00247	9.02E-04	3.46E-06	1.76E-03	2.67E-03	8.57E-04	4.39E-06	3.38E-03	4.25E-03
2352	495511.06, 3860051.99	0.0573	0.04812	0.05885	8.79E-04	3.50E-06	1.58E-03	0.002461	8.98E-04	3.45E-06	1.76E-03	2.66E-03	8.54E-04	4.38E-06	3.37E-03	4.23E-03
2353	495561.06, 3860051.99	0.05703	0.04793	0.0586	8.75E-04	3.49E-06	1.57E-03	0.00245	8.94E-04	3.43E-06	1.75E-03	2.65E-03	8.50E-04	4.36E-06	3.36E-03	4.21E-03
2354	495611.06, 3860051.99	0.05673	0.04771	0.05831	8.71E-04	3.47E-06	1.56E-03	0.002438	8.89E-04	3.42E-06	1.74E-03	2.63E-03	8.45E-04	4.34E-06	3.34E-03	4.19E-03
2355	495661.06, 3860051.99	0.05636	0.04744	0.05795	8.65E-04	3.45E-06	1.55E-03	0.002423	8.84E-04	3.40E-06	1.73E-03	2.62E-03	8.40E-04	4.32E-06	3.32E-03	4.16E-03
2356	494411.06, 3860101.99	0.06208	0.05228	0.06348	9.53E-04	3.81E-06	1.70E-03	0.002659	9.73E-04	3.75E-06	1.89E-03	2.87E-03	9.25E-04	4.76E-06	3.64E-03	4.57E-03
2357	494461.06, 3860101.99	0.06196	0.05215	0.06336	9.51E-04	3.80E-06	1.70E-03	0.002654	9.71E-04	3.74E-06	1.89E-03	2.87E-03	9.23E-04	4.74E-06	3.63E-03	4.56E-03
2358	494511.06, 3860101.99	0.0616	0.05185	0.063	9.45E-04	3.77E-06	1.69E-03	0.002639	9.66E-04	3.72E-06	1.88E-03	2.85E-03	9.18E-04	4.72E-06	3.61E-03	4.53E-03
2359	494561.06, 3860101.99	0.06141	0.05168	0.06282	9.42E-04	3.76E-06	1.68E-03	0.002631	9.63E-04	3.70E-06	1.87E-03	2.84E-03	9.15E-04	4.70E-06	3.60E-03	4.52E-03
2360	494611.06, 3860101.99	0.0613	0.05157	0.06272	9.41E-04	3.75E-06	1.68E-03	0.002627	9.61E-04	3.70E-06	1.87E-03	2.84E-03	9.13E-04	4.69E-06	3.59E-03	4.51E-03
2361	494661.06, 3860101.99	0.06109	0.05139	0.06251	9.37E-04	3.74E-06	1.68E-03	0.002618	9.58E-04	3.68E-06	1.86E-03	2.83E-03	9.10E-04	4.67E-06	3.58E-03	4.50E-03
2362	494711.06, 3860101.99	0.06075	0.05109	0.06217	9.32E-04	3.72E-06	1.67E-03	0.002603	9.53E-04	3.66E-06	1.85E-03	2.81E-03	9.05E-04	4.65E-06	3.56E-03	4.47E-03
2363	494761.06, 3860101.99	0.06053	0.0509	0.06195	9.29E-04	3.71E-06	1.66E-03	0.002594	9.49E-04	3.65E-06	1.85E-03	2.80E-03	9.02E-04	4.63E-06	3.55E-03	4.46E-03
2364	494811.06, 3860101.99	0.06031	0.05072	0.06174	9.25E-04	3.69E-06	1.66E-03	0.002585	9.46E-04	3.63E-06	1.84E-03	2.79E-03	8.98E-04	4.61E-06	3.54E-03	4.44E-03
2365	494861.06, 3860101.99	0.06023	0.0507	0.06175	9.24E-04	3.69E-06	1.66E-03	0.002584	9.44E-04	3.63E-06	1.84E-03	2.79E-03	8.97E-04	4.61E-06	3.54E-03	4.44E-03
2366	494911.06, 3860101.99	0.05975	0.05022	0.06118	9.17E-04	3.66E-06	1.64E-03	0.002561	9.37E-04	3.60E-06	1.83E-03	2.77E-03	8.90E-04	4.57E-06	3.50E-03	4.40E-03
2367	494961.06, 3860101.99	0.05951	0.05002	0.06095	9.13E-04	3.64E-06	1.63E-03	0.002552	9.33E-04	3.58E-06	1.82E-03	2.75E-03	8.87E-04	4.55E-06	3.49E-03	4.38E-03
2368	495011.06, 3860101.99	0.05921	0.04976	0.06065	9.09E-04	3.62E-06	1.63E-03	0.002539	9.28E-04	3.57E-06	1.81E-03	2.74E-03	8.82E-04	4.53E-06	3.47E-03	4.36E-03
2369	495061.06, 3860101.99	0.05892	0.04951	0.06036	9.04E-04	3.60E-06	1.62E-03	0.002527	9.24E-04	3.55E-06	1.80E-03	2.73E-03	8.78E-04	4.50E-06	3.46E-03	4.34E-03
2370	495111.06, 3860101.99	0.05857	0.04921	0.06001	8.99E-04	3.58E-06	1.61E-03	0.002512	9.18E-04	3.53E-06	1.79E-03	2.71E-03	8.73E-04	4.48E-06	3.44E-03	4.31E-03
2371	495161.06, 3860101.99	0.05836	0.04903	0.0598	8.96E-04	3.57E-06	1.60E-03	0.002503	9.15E-04	3.51E-06	1.78E-03	2.70E-03	8.69E-04	4.46E-06	3.43E-03	4.30E-03
2372	495211.06, 3860101.99	0.0581	0.04881	0.05955	8.92E-04	3.55E-06	1.60E-03	0.002492	9.11E-04	3.50E-06	1.78E-03	2.69E-03	8.66E-04	4.44E-06	3.41E-03	4.28E-03
2373	495261.06, 3860101.99	0.05783	0.0486	0.05929	8.87E-04	3.54E-06	1.59E-03	0.002481	9.07E-04	3.48E-06	1.77E-03	2.68E-03	8.61E-04	4.42E-06	3.40E-03	4.26E-03
2374	495311.06, 3860101.99	0.0576	0.0484	0.05906	8.84E-04	3.52E-06	1.58E-03	0.002471	9.03E-04	3.47E-06	1.76E-03	2.67E-03	8.58E-04	4.40E-06	3.38E-03	4.25E-03
2375	495361.06, 3860101.99	0.0574	0.04825	0.05887	8.81E-04	3.51E-06	1.58E-03	0.002463	9.00E-04	3.46E-06	1.76E-03	2.66E-03	8.55E-04	4.39E-06	3.37E-03	4.23E-03
2376	495411.06, 3860101.99	0.05714	0.04805	0.05862	8.77E-04	3.50E-06	1.57E-03	0.002453	8.96E-04	3.44E-06	1.75E-03	2.65E-03	8.51E-04	4.37E-06	3.36E-03	4.21E-03
2377	495461.06, 3860101.99	0.0568	0.04777	0.05829	8.72E-04	3.48E-06	1.56E-03	0.002438	8.91E-04	3.42E-06	1.74E-03	2.63E-03	8.46E-04	4.35E-06	3.34E-03	4.19E-03
2378	495511.06, 3860101.99	0.05662	0.04764	0.05811	8.69E-04	3.47E-06	1.56E-03	0.002431	8.88E-04	3.41E-06	1.73E-03	2.62E-03	8.43E-04	4.33E-06	3.33E-03	4.18E-03
2379	495561.06, 3860101.99	0.05643	0.0475	0.05793	8.66E-04	3.46E-06	1.55E-03	0.002423	8.85E-04	3.40E-06	1.73E-03	2.62E-03	8.41E-04	4.32E-06	3.32E-03	4.16E-03
2380	495611.06, 3860101.99	0.05608	0.04723	0.05759	8.61E-04	3.44E-06	1.54E-03	0.002409	8.79E-04	3.38E-06	1.72E-03	2.60E-03	8.35E-04	4.30E-06	3.30E-03	4.14E-03
2381	495661.06, 3860101.99	0.05583	0.04705	0.05736	8.57E-04	3.42E-06	1.54E-03	0.002399	8.75E-04	3.37E-06	1.71E-03	2.59E-03	8.32E-04	4.28E-06	3.29E-03	4.12E-03
2382	494861.06, 3860151.99	0.05929	0.05035	0.06136	9.10E-04	3.67E-06	1.65E-03	0.002559	9.30E-04	3.61E-06	1.83E-03	2.76E-03	8.83E-04	4.58E-06	3.51E-03	4.40E-03
2383	494911.06, 3860151.99	0.05894	0.04975	0.0604	9.04E-04	3.62E-06	1.62E-03	0.002528	9.24E-04	3.56E-06	1.80E-03	2.73E-03	8.78E-04	4.53E-06	3.46E-03	4.34E-03
2384	494961.06, 3860151.99	0.05867	0.04951	0.06013	9.00E-04	3.60E-06	1.61E-03	0.002517	9.20E-04	3.55E-06	1.79E-03	2.72E-03	8.74E-04	4.50E-06	3.44E-03	4.32E-03
2385	495011.06, 3860151.99	0.0584	0.04926	0.05984	8.96E-04	3.59E-06	1.60E-03	0.002505	9.16E-04	3.53E-06	1.79E-03	2.70E-03	8.70E-04	4.48E-06	3.43E-03	4.30E-03
2386	495061.06, 3860151.99	0.05812	0.04901	0.05955	8.92E-04	3.57E-06	1.60E-03	0.002493	9.11E-04	3.51E-06	1.78E-03	2.69E-03	8.66E-04	4.46E-06	3.41E-03	4.28E-03
2387	495111.06, 3860151.99	0.05786	0.04879	0.0593	8.88E-04	3.55E-06	1.59E-03	0.002482	9.07E-04	3.50E-06	1.77E-03	2.68E-03	8.62E-04	4.44E-06	3.40E-03	4.26E-03
2388	495161.06, 3860151.99	0.05762	0.04859	0.05906	8.84E-04	3.54E-06	1.58E-03	0.002472	9.03E-04	3.48E-06	1.76E-03	2.67E-03	8.58E-04	4.42E-06	3.38E-03	4.25E-03
2389	495211.06, 3860151.99	0.05736	0.04836	0.0588	8.80E-04	3.52E-06	1.58E-03	0.002461	8.99E-04	3.47E-06	1.75E-03	2.66E-03	8.54E-04	4.40E-06	3.37E-03	4.23E-03
2390	495261.06, 3860151.99	0.05713	0.04817	0.05858	8.77E-04	3.51E-06	1.57E-03	0.002451	8.96E-04	3.45E-06	1.75E-03	2.65E-03	8.51E-04	4.38E-06	3.36E-03	4.21E-03
2391	495311.06, 3860151.99	0.0569	0.04798	0.05835	8.73E-04	3.49E-06	1.56E-03	0.002442	8.92E-04	3.44E-06	1.74E-03	2.64E-03	8.48E-04	4.36E-06	3.34E-03	4.19E-03
2392	495361.06, 3860151.99	0.05668	0.0478	0.05813	8.70E-04	3.48E-06	1.56E-03	0.002432	8.89E-04	3.42E-06	1.73E-03	2.63E-03	8.44E-04	4.35E-06	3.33E-03	4.18E-03
2393	495411.06, 3860151.99	0.05644	0.0476	0.05789	8.66E-04	3.46E-06	1.55E-03	0.002422	8.85E-04	3.41E-06	1.73E-03	2.62E-03	8.41E-04	4.33E-06	3.32E-03	4.16E-03
2394	495461.06, 3860151.99	0.0562	0.0474	0.05766	8.62E-04	3.45E-06	1.55E-03	0.002412	8.81E-04	3.40E-06	1.72E-03	2.60E-03	8.37E-04	4.31E-06	3.30E-03	4.14E-03
2395	495511.06, 3860151.99	0.05594	0.04719	0.0574	8.58E-04	3.44E-06	1.54E-03	0.002401	8.77E-04	3.38E-06	1.71E-03	2.59E-03	8.33E-04	4.29E-06	3.29E-03	4.13E-03
2396	495561.06, 3860151.99	0.05572	0.04702	0.05719	8.55E-04	3.42E-06	1.53E-03	0.002392	8.74E-04	3.37E-06	1.71E-03	2.58E-03	8.30E-04	4.28E-06	3.28E-03	4.11E-03
2397	495611.06, 3860151.99	0.05546	0.04681	0.05693	8.51E-04	3.41E-06	1.53E-03	0.002381	8.70E-04	3.35E-06	1.70E-03	2.57E-03	8.26E-04	4.26E-06	3.26E-03	4.09E-03
2398	495661.06, 3860151.99	0.05519	0.04659	0.05666	8.47E-04	3.39E-06	1.52E-03	0.00237	8.65E-04	3.34E-06	1.69E-03	2.56E-03	8.22E-04	4.24E-06	3.25E-03	4.07E-03
2399	495718.25, 3859442.96	0.05639	0.04876	0.05887	8.65E-04	3.55E-06	1.58E-03	0.002448	8.84E-04	3.49E-06	1.76E-03	2.64E-03	8.40E-04	4.44E-06	3.37E-03	4.22E-03
2400	495818.25, 3859442.96	0.05533	0.04793	0.05776	8.49E-04	3.49E-06	1.55E-03	0.002402	8.68E-04	3.43E-06	1.72E-03	2.59E-03	8.24E-04	4.36E-06	3.31E-03	4.14E-03
2401	495918.25, 3859442.96	0.05459	0.04738	0.05698	8.38E-04	3.45E-06	1.53E-03	0.002369	8.56E-04	3.39E-06	1.70E-03	2.56E-03	8.13E-04	4.31E-06	3.26E-03	4.08E-03
2402	496018.25, 3859442.96	0.05397	0.04693	0.05633	8.28E-04	3.42E-06	1.51E-03	0.002342	8.46E-04	3.36E-06	1.68E-03	2.53E-03	8.04E-04	4.27E-06	3.23E-03	4.04E-03
2403	496118.25, 3859442.96	0.05432	0.04734	0.05672	8.34E-04	3.45E-06	1.52E-03	0.002358	8.52E-04	3.39E-06	1.69E-03	2.55E-03	8.09E-04	4.31E-06	3.25E-03	4.06E-03
2404	496218.25, 3859442.96	0.05452	0.04761	0.05695	8.37E-04	3.47E-06	1.53E-03	0.002368	8.55E-04	3.41E-06	1.70E-03	2.56E-03	8.12E-04	4.33E-06	3.26E-03	4.08E-03
2405	496318.25, 3859442.96	0.05398	0.04722	0.05639	8.28E-04	3.44E-06	1.51E-03	0.002344	8.46E-04	3.38E-06	1.68E-03	2.53E-03	8.04E-04	4.30E-06	3.23E-03	4.04E-03
2406	496418.25, 3859442.96	0.0534	0.04678	0.05578	8.19E-04	3.41E-06	1.50E-03	0.002319	8.37E-04	3.35E-06	1.66E-03	2.50E-03	7.96E-04	4.26E-06	3.20E-03	4.00E-03
2407	495718.25, 3859542.96	0.05716	0.04927	0.05967	8.77E-04	3.59E-06	1.60E-03	0.002481	8.96E-04	3.53E-06	1.78E-03	2.68E-03	8.52E-04	4.48E-06	3.42E-03	4.27E-03
2408	495818.25, 3859542.96	0.05641	0.04873	0.05889	8.66E-04	3.55E-06	1.58E-03	0.002449	8.84E-04	3.49E-06	1.76E-03	2.64E-03	8.40E-04	4.43E-06	3.37E-03	4.22E-03
2409	495918.25, 3859542.96	0.05548	0.04803	0.05793	8.51E-04	3.50E-06	1.55E-03	0.002409	8.70E-04	3.44E-06	1.73E-03	2.60E-03	8.26E-04	4.37E-06	3.32E-03	4.15E-03
2410	496018.25, 3859542.96	0.0547	0.04746	0.05712	8.39E-04	3.45E-06	1.53E-03	0.002375	8.58E-04	3.40E-06	1.70E-03	2.57E-03	8.15E-04	4.32E-06	3.27E-03	4.09E-03
2411	496118.25, 3859542.96	0.05498	0.0478	0.05742	8.44E-04	3.48E-06	1.54E-03	0.002387	8.62E-04	3.42E-06	1.71E-03	2.58E-03	8.19E-04	4.35E-06	3.29E-03	4.11E-03
2412	496218.25, 3859542.96	0.05496	0.04789	0.05741	8.43E-04	3.49E-06	1.54E-03	0.002387	8.62E-04	3.43E-06	1.71E-03	2.58E-03	8.19E-04	4.36E-06	3.29E-03	4.11E-03
2413	496318.25, 3859542.96	0.05475	0.04781	0.0572	8.40E-04	3.48E-06	1.53E-03	0.002378	8.58E-04	3.43E-06	1.71E-03	2.57E-03	8.16E-04	4.35E-06	3.28E-03	4.10E-03
2414	496418.25, 3859542.96	0.05395	0.04721	0.05637	8.28E-04	3.44E-06	1.51E-03	0.002343	8.46E-04	3.38E-06	1.68E-03	2.53E-03	8.04E-04	4.29E-06	3.23E-03	4.04E-03
2415	495718.25, 3859642.96	0.05743	0.04923	0.05986	8.81E-04	3.58E-06	1.61E-03	0.00249	9.00E-04	3.53E-06	1.79E-03	2.69E-03	8.56E-04	4.48E-06	3.43E-03	4.29E-03
2416	495818.25, 3859642.96	0.05657	0.04862	0.05899	8.68E-04	3.54E-06	1.58E-03	0.002454	8.87E-04	3.48E-06	1.76E-03	2.65E-03	8.43E-04	4.42E-06	3.38E-03	4.23E-03
2417	495918.25, 3859642.96	0.05601	0.04825	0.05842	8.59E-04	3.51E-06	1.57E-03	0.00243	8.78E-04	3.46E-06	1.74E-03	2.62E-03	8.34E-04	4.39E-06	3.35E-03	4.19E-03
2418	496018.25, 3859642.96	0.05525	0.04771	0.05765	8.48E-04	3.47E-06	1.55E-03	0.002397	8.66E-04	3.42E-06	1.72E-03	2.59E-03	8.23E-04	4.34E-06	3.30E-03	4.13E-03
2419	496118.25, 3859642.96	0.0556	0.04811	0.058	8.53E-04	3.50E-06	1.56E-03	0.002412	8.72E-04	3.45E-06	1.73E-03	2.61E-03	8.28E-04	4.38E-06	3.32E-03	4.16E-03
2420	496218.25, 3859642.96	0.05564	0.04824	0.05804	8.54E-04	3.51E-06	1.56E-03	0.002414	8.72E-04	3.46E-06	1.73E-03	2.61E-03	8.29E-04	4.39E-06	3.32E-03	4.16E-03
2421	496318.25, 3859642.96	0.05502	0.04782	0.05741	8.44E-04	3.48E-06	1.54E-03	0.002388	8.63E-04	3.43E-06	1.71E-03	2.58E-03	8.20E-04	4.35E-06	3.29E-03	4.11E-03
2422	496418.25, 3859642.96	0.05286	0.0461	0.0552	8.11E-04	3.36E-06	1.48E-03	0.002295	8.29E-04	3.30E-06	1.65E-03	2.48E-03	7.87E-04	4.19E-06	3.16E-03	3.95E-03
2423	495718.25, 3859742.96	0.05785	0.04926	0.06012	8.88E-04	3.59E-06	1.61E-03	0.002504	9.07E-04	3.53E-06	1.79E-03	2.70E-03	8.62E-04	4.48E-06	3.44E-03	4.31E-03
2424	495818.25, 3859742.96	0.05689	0.04859	0.05917	8.73E-04	3.54E-06	1.59E-03	0.002463	8.92E-04	3.48E-06	1.77E-03	2.66E-03	8.47E-04	4.42E-06	3.39E-03	4.24E-03
2425	495918.25, 3859742.96	0.05619	0.04811	0.05847	8.62E-04	3.50E-06	1.57E-03	0.002434	8.81E-04	3.45E-06	1.74E-03	2.63E-03	8.37E-04	4.38E-06	3.35E-03	4.19E-03
2426	496018.25, 3859742.96	0.05542	0.04757	0.05771	8.50E-04	3.46E-06	1.55E-03	0.002402	8.69E-04	3.41E-06	1.72E-03	2.59E-03	8.26E-04	4.33E-06	3.31E-03	4.14E-03
2427	496118.25, 3859742.96	0.05557	0.04779	0.05784	8.53E-04	3.48E-06	1.55E-03	0.002408	8.71E-04	3.42E-06	1.73E-03	2.60E-03	8.28E-04	4.35E-06	3.31E-03	4.15E-03
2428	496218.25, 3859742.96	0.05585	0.04811	0.05811	8.57E-04	3.50E-06	1.56E-03	0.002419	8.76E-04	3.45E-06	1.73E-03	2.61E-03	8.32E-04	4.38E-06	3.33E-03	4.17E-03
2429	496318.25, 3859742.96	0.05416	0.04681	0.05643	8.31E-04	3.41E-06	1.51E-03	0.002348	8.49E-04	3.35E-06	1.68E-03	2.54E-03	8.07E-04	4.26E-06	3.23E-03	4.04E-03
2430	496418.25, 3859742.96	0.05256	0.0456	0.05485	8.07E-04	3.32E-06	1.47E-03	0.002281	8.24E-04	3.27E-06	1.64E-03	2.46E-03	7.83E-04	4.15E-06	3.14E-03	3.93E-03
2431	495718.25, 3859842.96	0.05765	0.0488	0.0597	8.85E-04	3.55E-06	1.60E-03	0.002489	9.04E-04	3.50E-06	1.78E-03	2.69E-03	8.59E-04	4.44E-06	3.42E-03	4.28E-03
2432	495818.25, 3859842.96	0.05697	0.04835	0.05904	8.74E-04	3.52E-06	1.58E-03	0.002461	8.93E-04	3.46E-06	1.76E-03	2.66E-03	8.49E-04	4.40E-06	3.38E-03	4.24E-03
2433	495918.25, 3859842.96	0.05626	0.04788	0.05835	8.63E-04	3.49E-06	1.56E-03	0.002432	8.82E-04	3.43E-06	1.74E-03	2.63E-03	8.38E-04	4.36E-06	3.34E-03	4.19E-03
2434	496018.25, 3859842.96	0.05583	0.04761	0.05792	8.57E-04	3.47E-06	1.55E-03	0.002414	8.75E-04	3.41E-06	1.73E-03	2.61E-03	8.32E-04	4.33E-06	3.32E-03	4.15E-03
2435	496118.25, 3859842.96	0.05613	0.04794	0.05821	8.61E-04	3.49E-06	1.56E-03	0.002426	8.80E-04	3.44E-06	1.74E-03	2.62E-03	8.36E-04	4.36E-06	3.33E-03	4.18E-03
2436	496218.25, 3859842.96	0.0547	0.04686	0.0568	8.39E-04	3.41E-06	1.52E-03	0.002366	8.58E-04	3.36E-06	1.69E-03	2.56E-03	8.15E-04	4.26E-06	3.25E-03	4.07E-03
2437	496318.25, 3859842.96	0.05178	0.04455	0.05391	7.95E-04	3.24E-06	1.45E-03	0.002244	8.12E-04	3.19E-06	1.61E-03	2.42E-03	7.71E-04	4.05E-06	3.09E-03	3.86E-03
2438	496418.25, 3859842.96	0.04976	0.04292	0.05186	7.64E-04	3.12E-06	1.39E-03	0.002158	7.80E-04	3.08E-06	1.55E-03	2.33E-03	7.41E-04	3.90E-06	2.97E-03	3.72E-03
2439	495718.25, 3859942.96	0.05703	0.0481	0.05887	8.75E-04	3.50E-06	1.58E-03	0.002458	8.94E-04	3.45E-06	1.76E-03	2.65E-03	8.50E-04	4.38E-06	3.37E-03	4.23E-03
2440	495818.25, 3859942.96	0.05636	0.04765	0.05822	8.65E-04	3.47E-06	1.56E-03	0.00243	8.84E-04	3.41E-06	1.74E-03	2.62E-03	8.40E-04	4.33E-06	3.34E-03	4.18E-03
2441	495918.25, 3859942.96	0.05587	0.04734	0.05775	8.57E-04	3.45E-06	1.55E-03	0.00241	8.76E-04	3.39E-06	1.72E-03	2.60E-03	8.32E-04	4.31E-06	3.31E-03	4.14E-03
2442	496018.25, 3859942.96	0.05584	0.04736	0.05768	8.57E-04	3.45E-06	1.55E-03	0.002407	8.76E-04	3.39E-06	1.72E-03	2.60E-03	8.32E-04	4.31E-06	3.30E-03	4.14E-03
2443	496118.25, 3859942.96	0.0548	0.04663	0.0567	8.41E-04	3.39E-06	1.52E-03	0.002365	8.59E-04	3.34E-06	1.69E-03	2.55E-03	8.16E-04	4.24E-06	3.25E-03	4.07E-03
2444	496218.25, 3859942.96	0.05308	0.04535	0.05506	8.15E-04	3.30E-06	1.48E-03	0.002295	8.32E-04	3.25E-06	1.64E-03	2.48E-03	7.91E-04	4.13E-06	3.15E-03	3.95E-03
2445	496318.25, 3859942.96	0.0512	0.04388	0.05322	7.86E-04	3.19E-06	1.43E-03	0.002216	8.03E-04	3.14E-06	1.59E-03	2.39E-03	7.63E-04	3.99E-06	3.05E-03	3.82E-03
2446	496418.25, 3859942.96	0.04853	0.0417	0.05053	7.45E-04	3.04E-06	1.36E-03	0.002103	7.61E-04	2.99E-06	1.51E-03	2.27E-03	7.23E-04	3.79E-06	2.89E-03	3.62E-03

2447	496856.82, 3858864.83	0.04534	0.03898	0.04694	6.96E-04	2.84E-06	1.26E-03	0.001958	7.11E-04	2.79E-06	1.40E-03	2.11E-03	6.75E-04	3.55E-06	2.69E-03	3.37E-03
2448	496956.82, 3858864.83	0.04467	0.03838	0.04624	6.85E-04	2.79E-06	1.24E-03	0.001928	7.00E-04	2.75E-06	1.38E-03	2.08E-03	6.65E-04	3.49E-06	2.65E-03	3.32E-03
2449	497056.82, 3858864.83	0.04404	0.03781	0.04558	6.76E-04	2.75E-06	1.22E-03	0.001901	6.91E-04	2.71E-06	1.36E-03	2.05E-03	6.56E-04	3.44E-06	2.61E-03	3.27E-03
2450	497156.82, 3858864.83	0.04323	0.0371	0.04474	6.63E-04	2.70E-06	1.20E-03	0.001866	6.78E-04	2.66E-06	1.33E-03	2.02E-03	6.44E-04	3.37E-06	2.56E-03	3.21E-03
2451	497256.82, 3858864.83	0.04298	0.03689	0.0445	6.60E-04	2.69E-06	1.19E-03	0.001856	6.74E-04	2.64E-06	1.33E-03	2.00E-03	6.40E-04	3.36E-06	2.55E-03	3.19E-03
2452	496856.82, 3858964.83	0.04639	0.04027	0.04813	7.12E-04	2.93E-06	1.29E-03	0.002006	7.27E-04	2.89E-06	1.44E-03	2.17E-03	6.91E-04	3.66E-06	2.76E-03	3.45E-03
2453	496956.82, 3858964.83	0.04541	0.03938	0.0471	6.97E-04	2.87E-06	1.26E-03	0.001963	7.12E-04	2.82E-06	1.41E-03	2.12E-03	6.76E-04	3.58E-06	2.70E-03	3.38E-03
2454	497056.82, 3858964.83	0.04468	0.03873	0.04634	6.86E-04	2.82E-06	1.24E-03	0.001931	7.01E-04	2.78E-06	1.38E-03	2.09E-03	6.66E-04	3.52E-06	2.65E-03	3.32E-03
2455	497156.82, 3858964.83	0.04395	0.03806	0.04557	6.74E-04	2.77E-06	1.22E-03	0.001899	6.89E-04	2.73E-06	1.36E-03	2.05E-03	6.55E-04	3.46E-06	2.61E-03	3.27E-03
2456	497256.82, 3858964.83	0.0443	0.03838	0.04598	6.80E-04	2.79E-06	1.23E-03	0.001916	6.95E-04	2.75E-06	1.37E-03	2.07E-03	6.60E-04	3.49E-06	2.63E-03	3.30E-03
2457	496856.82, 3859064.83	0.04678	0.04088	0.04857	7.18E-04	2.98E-06	1.30E-03	0.002023	7.33E-04	2.93E-06	1.45E-03	2.19E-03	6.97E-04	3.72E-06	2.78E-03	3.48E-03
2458	496956.82, 3859064.83	0.04599	0.04018	0.04774	7.06E-04	2.92E-06	1.28E-03	0.001989	7.21E-04	2.88E-06	1.42E-03	2.15E-03	6.85E-04	3.65E-06	2.73E-03	3.42E-03
2459	497056.82, 3859064.83	0.04535	0.03961	0.04708	6.96E-04	2.88E-06	1.26E-03	0.001961	7.11E-04	2.84E-06	1.40E-03	2.12E-03	6.76E-04	3.60E-06	2.70E-03	3.38E-03
2460	497156.82, 3859064.83	0.0448	0.03912	0.04652	6.87E-04	2.85E-06	1.25E-03	0.001938	7.02E-04	2.80E-06	1.39E-03	2.09E-03	6.67E-04	3.56E-06	2.66E-03	3.34E-03
2461	497256.82, 3859064.83	0.04555	0.03981	0.04734	6.99E-04	2.90E-06	1.27E-03	0.001972	7.14E-04	2.85E-06	1.41E-03	2.13E-03	6.79E-04	3.62E-06	2.71E-03	3.39E-03
2462	496856.82, 3859164.83	0.04669	0.04092	0.04849	7.16E-04	2.98E-06	1.30E-03	0.00202	7.32E-04	2.93E-06	1.45E-03	2.18E-03	6.96E-04	3.72E-06	2.78E-03	3.48E-03
2463	496956.82, 3859164.83	0.04583	0.04018	0.04759	7.03E-04	2.92E-06	1.28E-03	0.001983	7.19E-04	2.88E-06	1.42E-03	2.14E-03	6.83E-04	3.65E-06	2.73E-03	3.41E-03
2464	497056.82, 3859164.83	0.0455	0.03992	0.04727	6.98E-04	2.91E-06	1.27E-03	0.001969	7.13E-04	2.86E-06	1.41E-03	2.13E-03	6.78E-04	3.63E-06	2.71E-03	3.39E-03
2465	497156.82, 3859164.83	0.04576	0.04019	0.04757	7.02E-04	2.93E-06	1.28E-03	0.001981	7.17E-04	2.88E-06	1.42E-03	2.14E-03	6.82E-04	3.66E-06	2.73E-03	3.41E-03
2466	497256.82, 3859164.83	0.04673	0.04111	0.04865	7.17E-04	2.99E-06	1.30E-03	0.002025	7.33E-04	2.95E-06	1.45E-03	2.19E-03	6.96E-04	3.74E-06	2.79E-03	3.49E-03
2467	496856.82, 3859264.83	0.04626	0.04058	0.04806	7.10E-04	2.95E-06	1.29E-03	0.002002	7.25E-04	2.91E-06	1.43E-03	2.16E-03	6.89E-04	3.69E-06	2.75E-03	3.45E-03
2468	496956.82, 3859264.83	0.04613	0.04053	0.04795	7.08E-04	2.95E-06	1.29E-03	0.001997	7.23E-04	2.90E-06	1.43E-03	2.16E-03	6.87E-04	3.69E-06	2.75E-03	3.44E-03
2469	497056.82, 3859264.83	0.04645	0.04087	0.04833	7.13E-04	2.98E-06	1.30E-03	0.002012	7.28E-04	2.93E-06	1.44E-03	2.17E-03	6.92E-04	3.72E-06	2.77E-03	3.46E-03
2470	497156.82, 3859264.83	0.04668	0.04112	0.04859	7.16E-04	2.99E-06	1.30E-03	0.002023	7.32E-04	2.95E-06	1.45E-03	2.18E-03	6.95E-04	3.74E-06	2.78E-03	3.48E-03
2471	497256.82, 3859264.83	0.04745	0.04186	0.04945	7.28E-04	3.05E-06	1.33E-03	0.002057	7.44E-04	3.00E-06	1.48E-03	2.22E-03	7.07E-04	3.81E-06	2.83E-03	3.54E-03
2472	497088.92, 3858620.93	0.04136	0.03514	0.0427	6.35E-04	2.56E-06	1.15E-03	0.001782	6.48E-04	2.52E-06	1.27E-03	1.92E-03	6.16E-04	3.20E-06	2.45E-03	3.07E-03
2473	497138.92, 3858620.93	0.04129	0.03511	0.04263	6.34E-04	2.56E-06	1.14E-03	0.00178	6.47E-04	2.52E-06	1.27E-03	1.92E-03	6.15E-04	3.19E-06	2.44E-03	3.06E-03
2474	497188.92, 3858620.93	0.04102	0.0349	0.04235	6.29E-04	2.54E-06	1.14E-03	0.001768	6.43E-04	2.50E-06	1.26E-03	1.91E-03	6.11E-04	3.17E-06	2.43E-03	3.04E-03
2475	497238.92, 3858620.93	0.04081	0.03475	0.04213	6.26E-04	2.53E-06	1.13E-03	0.001759	6.40E-04	2.49E-06	1.26E-03	1.90E-03	6.08E-04	3.16E-06	2.41E-03	3.02E-03
2476	497088.92, 3858670.93	0.04144	0.03519	0.04277	6.36E-04	2.56E-06	1.15E-03	0.001786	6.50E-04	2.52E-06	1.28E-03	1.93E-03	6.17E-04	3.20E-06	2.45E-03	3.07E-03
2477	497138.92, 3858670.93	0.04157	0.03534	0.04293	6.38E-04	2.57E-06	1.15E-03	0.001792	6.52E-04	2.53E-06	1.28E-03	1.94E-03	6.19E-04	3.21E-06	2.46E-03	3.08E-03
2478	497188.92, 3858670.93	0.04121	0.03505	0.04256	6.32E-04	2.55E-06	1.14E-03	0.001776	6.46E-04	2.51E-06	1.27E-03	1.92E-03	6.14E-04	3.19E-06	2.44E-03	3.06E-03
2479	497238.92, 3858670.93	0.04113	0.03501	0.04248	6.31E-04	2.55E-06	1.14E-03	0.001773	6.45E-04	2.51E-06	1.27E-03	1.91E-03	6.13E-04	3.18E-06	2.43E-03	3.05E-03
2480	497088.92, 3858720.93	0.04228	0.03598	0.0437	6.49E-04	2.62E-06	1.17E-03	0.001823	6.63E-04	2.58E-06	1.30E-03	1.97E-03	6.30E-04	3.27E-06	2.50E-03	3.14E-03
2481	497138.92, 3858720.93	0.04132	0.03514	0.04269	6.34E-04	2.56E-06	1.14E-03	0.001782	6.48E-04	2.52E-06	1.27E-03	1.92E-03	6.16E-04	3.20E-06	2.45E-03	3.06E-03
2482	497188.92, 3858720.93	0.04109	0.03496	0.04246	6.31E-04	2.54E-06	1.14E-03	0.001772	6.44E-04	2.50E-06	1.27E-03	1.91E-03	6.12E-04	3.18E-06	2.43E-03	3.05E-03
2483	497238.92, 3858720.93	0.04156	0.03539	0.04296	6.38E-04	2.58E-06	1.15E-03	0.001793	6.52E-04	2.54E-06	1.28E-03	1.94E-03	6.19E-04	3.22E-06	2.46E-03	3.08E-03
2484	497088.92, 3858770.93	0.0425	0.03624	0.04394	6.52E-04	2.64E-06	1.18E-03	0.001833	6.66E-04	2.60E-06	1.31E-03	1.98E-03	6.33E-04	3.30E-06	2.52E-03	3.15E-03
2485	497138.92, 3858770.93	0.04208	0.03588	0.0435	6.46E-04	2.61E-06	1.17E-03	0.001815	6.60E-04	2.57E-06	1.30E-03	1.96E-03	6.27E-04	3.26E-06	2.49E-03	3.12E-03
2486	497188.92, 3858770.93	0.04174	0.03561	0.04316	6.41E-04	2.59E-06	1.16E-03	0.001801	6.54E-04	2.55E-06	1.29E-03	1.94E-03	6.22E-04	3.24E-06	2.47E-03	3.10E-03
2487	497238.92, 3858770.93	0.04201	0.03585	0.04345	6.45E-04	2.61E-06	1.17E-03	0.001813	6.59E-04	2.57E-06	1.30E-03	1.96E-03	6.26E-04	3.26E-06	2.49E-03	3.12E-03
2488	497396.65, 3858622.63	0.04226	0.03615	0.04372	6.48E-04	2.63E-06	1.17E-03	0.001824	6.63E-04	2.59E-06	1.30E-03	1.97E-03	6.30E-04	3.29E-06	2.50E-03	3.14E-03
2489	497496.65, 3858622.63	0.04305	0.03694	0.04458	6.61E-04	2.69E-06	1.20E-03	0.001859	6.75E-04	2.65E-06	1.33E-03	2.01E-03	6.41E-04	3.36E-06	2.55E-03	3.20E-03
2490	497596.65, 3858622.63	0.04457	0.0384	0.04624	6.84E-04	2.80E-06	1.24E-03	0.001927	6.99E-04	2.75E-06	1.38E-03	2.08E-03	6.64E-04	3.49E-06	2.65E-03	3.32E-03
2491	497696.65, 3858622.63	0.045	0.03888	0.04671	6.91E-04	2.83E-06	1.25E-03	0.001946	7.06E-04	2.79E-06	1.39E-03	2.10E-03	6.70E-04	3.54E-06	2.68E-03	3.35E-03
2492	497796.65, 3858622.63	0.04593	0.03985	0.04779	7.05E-04	2.90E-06	1.28E-03	0.001989	7.20E-04	2.86E-06	1.43E-03	2.15E-03	6.84E-04	3.62E-06	2.74E-03	3.43E-03
2493	497896.65, 3858622.63	0.04689	0.04084	0.04884	7.20E-04	2.97E-06	1.31E-03	0.002032	7.35E-04	2.93E-06	1.46E-03	2.20E-03	6.99E-04	3.71E-06	2.80E-03	3.50E-03
2494	497396.65, 3858722.63	0.0433	0.03702	0.04485	6.64E-04	2.69E-06	1.20E-03	0.00187	6.79E-04	2.65E-06	1.34E-03	2.02E-03	6.45E-04	3.37E-06	2.57E-03	3.22E-03
2495	497496.65, 3858722.63	0.04411	0.03779	0.04574	6.77E-04	2.75E-06	1.23E-03	0.001906	6.92E-04	2.71E-06	1.36E-03	2.06E-03	6.57E-04	3.44E-06	2.62E-03	3.28E-03
2496	497596.65, 3858722.63	0.04558	0.03917	0.04738	6.99E-04	2.85E-06	1.27E-03	0.001973	7.15E-04	2.81E-06	1.41E-03	2.13E-03	6.79E-04	3.56E-06	2.71E-03	3.40E-03
2497	497696.65, 3858722.63	0.04637	0.03996	0.04826	7.12E-04	2.91E-06	1.29E-03	0.002009	7.27E-04	2.86E-06	1.44E-03	2.17E-03	6.91E-04	3.63E-06	2.76E-03	3.46E-03
2498	497796.65, 3858722.63	0.04674	0.04038	0.04868	7.17E-04	2.94E-06	1.31E-03	0.002026	7.33E-04	2.89E-06	1.45E-03	2.19E-03	6.96E-04	3.67E-06	2.79E-03	3.49E-03
2499	497896.65, 3858722.63	0.04737	0.04104	0.04938	7.27E-04	2.99E-06	1.32E-03	0.002054	7.43E-04	2.94E-06	1.47E-03	2.22E-03	7.06E-04	3.73E-06	2.83E-03	3.54E-03
2500	497396.65, 3858822.63	0.04392	0.03766	0.04553	6.74E-04	2.74E-06	1.22E-03	0.001898	6.89E-04	2.70E-06	1.36E-03	2.05E-03	6.54E-04	3.43E-06	2.61E-03	3.27E-03
2501	497496.65, 3858822.63	0.04461	0.03832	0.04634	6.85E-04	2.79E-06	1.24E-03	0.00193	6.99E-04	2.75E-06	1.38E-03	2.08E-03	6.65E-04	3.49E-06	2.65E-03	3.32E-03
2502	497596.65, 3858822.63	0.04629	0.03988	0.04821	7.10E-04	2.90E-06	1.29E-03	0.002006	7.26E-04	2.86E-06	1.44E-03	2.17E-03	6.90E-04	3.63E-06	2.76E-03	3.45E-03
2503	497696.65, 3858822.63	0.04689	0.04044	0.04884	7.20E-04	2.94E-06	1.31E-03	0.002032	7.35E-04	2.90E-06	1.46E-03	2.20E-03	6.99E-04	3.68E-06	2.80E-03	3.50E-03
2504	497796.65, 3858822.63	0.04724	0.04083	0.04928	7.25E-04	2.97E-06	1.32E-03	0.00205	7.41E-04	2.93E-06	1.47E-03	2.21E-03	7.04E-04	3.71E-06	2.82E-03	3.53E-03
2505	497896.65, 3858822.63	0.04839	0.04191	0.05052	7.43E-04	3.05E-06	1.35E-03	0.002101	7.59E-04	3.00E-06	1.51E-03	2.27E-03	7.21E-04	3.81E-06	2.89E-03	3.62E-03
2506	497396.65, 3858922.63	0.04463	0.03855	0.04636	6.85E-04	2.81E-06	1.24E-03	0.001931	7.00E-04	2.76E-06	1.38E-03	2.09E-03	6.65E-04	3.51E-06	2.66E-03	3.32E-03
2507	497496.65, 3858922.63	0.0461	0.03988	0.04797	7.07E-04	2.90E-06	1.29E-03	0.001997	7.23E-04	2.86E-06	1.43E-03	2.16E-03	6.87E-04	3.63E-06	2.75E-03	3.44E-03
2508	497596.65, 3858922.63	0.04601	0.03981	0.04789	7.06E-04	2.90E-06	1.28E-03	0.001993	7.21E-04	2.85E-06	1.43E-03	2.15E-03	6.85E-04	3.62E-06	2.74E-03	3.43E-03
2509	497696.65, 3858922.63	0.04766	0.04134	0.04973	7.31E-04	3.01E-06	1.33E-03	0.002068	7.47E-04	2.96E-06	1.48E-03	2.23E-03	7.10E-04	3.76E-06	2.85E-03	3.56E-03
2510	497796.65, 3858922.63	0.04853	0.04212	0.05067	7.45E-04	3.07E-06	1.36E-03	0.002107	7.61E-04	3.02E-06	1.51E-03	2.28E-03	7.23E-04	3.83E-06	2.90E-03	3.63E-03
2511	497896.65, 3858922.63	0.04993	0.04344	0.05224	7.66E-04	3.16E-06	1.40E-03	0.00217	7.83E-04	3.11E-06	1.56E-03	2.34E-03	7.44E-04	3.95E-06	2.99E-03	3.74E-03
2512	497364.44, 3858201.52	0.04033	0.03569	0.04162	6.19E-04	2.60E-06	1.12E-03	0.001738	6.32E-04	2.56E-06	1.24E-03	1.88E-03	6.01E-04	3.25E-06	2.38E-03	2.99E-03
2513	497414.44, 3858201.52	0.04067	0.03608	0.04201	6.24E-04	2.63E-06	1.13E-03	0.001753	6.38E-04	2.59E-06	1.25E-03	1.89E-03	6.06E-04	3.28E-06	2.41E-03	3.02E-03
2514	497464.44, 3858201.52	0.041	0.03645	0.04237	6.29E-04	2.65E-06	1.14E-03	0.001768	6.43E-04	2.61E-06	1.26E-03	1.91E-03	6.11E-04	3.32E-06	2.43E-03	3.04E-03
2515	497514.44, 3858201.52	0.04116	0.03666	0.04254	6.32E-04	2.67E-06	1.14E-03	0.001775	6.45E-04	2.63E-06	1.27E-03	1.92E-03	6.13E-04	3.33E-06	2.44E-03	3.05E-03
2516	497564.44, 3858201.52	0.04098	0.03656	0.04236	6.29E-04	2.66E-06	1.14E-03	0.001768	6.43E-04	2.62E-06	1.26E-03	1.91E-03	6.10E-04	3.33E-06	2.43E-03	3.04E-03
2517	497614.44, 3858201.52	0.04104	0.03668	0.04243	6.30E-04	2.67E-06	1.14E-03	0.00177	6.43E-04	2.63E-06	1.27E-03	1.91E-03	6.11E-04	3.34E-06	2.43E-03	3.05E-03
2518	497364.44, 3858251.52	0.04097	0.03608	0.0423	6.29E-04	2.63E-06	1.13E-03	0.001766	6.42E-04	2.59E-06	1.26E-03	1.91E-03	6.10E-04	3.28E-06	2.42E-03	3.04E-03
2519	497414.44, 3858251.52	0.04149	0.03665	0.04286	6.37E-04	2.67E-06	1.15E-03	0.001789	6.51E-04	2.63E-06	1.28E-03	1.93E-03	6.18E-04	3.33E-06	2.46E-03	3.08E-03
2520	497464.44, 3858251.52	0.04115	0.03639	0.04251	6.31E-04	2.65E-06	1.14E-03	0.001774	6.45E-04	2.61E-06	1.27E-03	1.92E-03	6.13E-04	3.31E-06	2.44E-03	3.05E-03
2521	497514.44, 3858251.52	0.04073	0.03607	0.04208	6.25E-04	2.63E-06	1.13E-03	0.001756	6.39E-04	2.58E-06	1.26E-03	1.90E-03	6.07E-04	3.28E-06	2.41E-03	3.02E-03
2522	497564.44, 3858251.52	0.04059	0.036	0.04193	6.23E-04	2.62E-06	1.12E-03	0.00175	6.36E-04	2.58E-06	1.25E-03	1.89E-03	6.05E-04	3.27E-06	2.40E-03	3.01E-03
2523	497614.44, 3858251.52	0.04045	0.03594	0.0418	6.21E-04	2.62E-06	1.12E-03	0.001744	6.34E-04	2.58E-06	1.25E-03	1.88E-03	6.03E-04	3.27E-06	2.39E-03	3.00E-03
2524	497364.44, 3858301.52	0.04108	0.03601	0.04242	6.30E-04	2.62E-06	1.14E-03	0.001771	6.44E-04	2.58E-06	1.27E-03	1.91E-03	6.12E-04	3.28E-06	2.43E-03	3.05E-03
2525	497414.44, 3858301.52	0.0414	0.03636	0.04278	6.35E-04	2.65E-06	1.15E-03	0.001785	6.49E-04	2.61E-06	1.28E-03	1.93E-03	6.17E-04	3.31E-06	2.45E-03	3.07E-03
2526	497464.44, 3858301.52	0.04096	0.03602	0.0423	6.29E-04	2.62E-06	1.13E-03	0.001766	6.42E-04	2.58E-06	1.26E-03	1.91E-03	6.10E-04	3.28E-06	2.42E-03	3.04E-03
2527	497514.44, 3858301.52	0.04066	0.0358	0.042	6.24E-04	2.61E-06	1.13E-03	0.001753	6.38E-04	2.57E-06	1.25E-03	1.89E-03	6.06E-04	3.26E-06	2.41E-03	3.01E-03
2528	497564.44, 3858301.52	0.04022	0.03546	0.04153	6.17E-04	2.58E-06	1.11E-03	0.001734	6.31E-04	2.54E-06	1.24E-03	1.87E-03	5.99E-04	3.23E-06	2.38E-03	2.98E-03
2529	497614.44, 3858301.52	0.04006	0.03537	0.04137	6.15E-04	2.57E-06	1.11E-03	0.001727	6.28E-04	2.53E-06	1.23E-03	1.86E-03	5.97E-04	3.22E-06	2.37E-03	2.97E-03
2530	497364.44, 3858351.52	0.04131	0.03601	0.04268	6.34E-04	2.62E-06	1.14E-03	0.001781	6.48E-04	2.58E-06	1.27E-03	1.92E-03	6.15E-04	3.28E-06	2.44E-03	3.06E-03
2531	497414.44, 3858351.52	0.04103	0.03582	0.04238	6.30E-04	2.61E-06	1.14E-03	0.001769	6.43E-04	2.57E-06	1.26E-03	1.91E-03	6.11E-04	3.26E-06	2.43E-03	3.04E-03
2532	497464.44, 3858351.52	0.0409	0.03577	0.04226	6.28E-04	2.60E-06	1.13E-03	0.001764	6.41E-04	2.56E-06	1.26E-03	1.90E-03	6.09E-04	3.25E-06	2.42E-03	3.03E-03
2533	497514.44, 3858351.52	0.04066	0.03562	0.04201	6.24E-04	2.59E-06	1.13E-03	0.001753	6.38E-04	2.55E-06	1.25E-03	1.89E-03	6.06E-04	3.24E-06	2.41E-03	3.02E-03
2534	497564.44, 3858351.52	0.04011	0.03516	0.04141	6.15E-04	2.56E-06	1.11E-03	0.001729	6.29E-04	2.52E-06	1.24E-03	1.87E-03	5.98E-04	3.20E-06	2.37E-03	2.97E-03
2535	497614.44, 3858351.52	0.03997	0.0351	0.04127	6.13E-04	2.55E-06	1.11E-03	0.001723	6.27E-04	2.51E-06	1.23E-03	1.86E-03	5.95E-04	3.19E-06	2.36E-03	2.96E-03
2536	497364.44, 3858401.52	0.04086	0.03543	0.04221	6.27E-04	2.58E-06	1.13E-03	0.001762	6.41E-04	2.54E-06	1.26E-03	1.90E-03	6.09E-04	3.22E-06	2.42E-03	3.03E-03
2537	497414.44, 3858401.52	0.04085	0.03547	0.04219	6.27E-04	2.58E-06	1.13E-03	0.001761	6.40E-04	2.54E-06	1.26E-03	1.90E-03	6.09E-04	3.23E-06	2.42E-03	3.03E-03
2538	497464.44, 3858401.52	0.04054	0.03526	0.04187	6.22E-04	2.57E-06	1.12E-03	0.001748	6.36E-04	2.53E-06	1.25E-03	1.89E-03	6.04E-04	3.21E-06	2.40E-03	3.01E-03
2539	497514.44, 3858401.52	0.04037	0.03516	0.04169	6.19E-04	2.56E-06	1.12E-03	0.00174	6.33E-04	2.52E-06	1.24E-03	1.88E-03	6.01E-04	3.20E-06	2.39E-03	2.99E-03
2540	497564.44, 3858401.52	0.04074	0.03556	0.0421	6.25E-04	2.59E-06	1.13E-03	0.001757	6.39E-04	2.55E-06	1.26E-03	1.90E-03	6.07E-04	3.23E-06	2.41E-03	3.02E-03
2541	497614.44, 3858401.52	0.04104	0.03591	0.04244	6.30E-04	2.61E-06	1.14E-03	0.001771	6.43E-04	2.57E-06	1.27E-03	1.91E-03	6.11E-04	3.27E-06	2.43E-03	3.05E-03
2542	493478.11, 3860497.94	0.05768	0.04772	0.05905	8.85E-04	3.47E-06	1.58E-03	0.002472	9.04E-04	3.42E-06	1.76E-03	2.67E-03	8.59E-04	4.34E-06	3.38E-03	4.25E-03
2543	493528.11, 3860497.94	0.0575	0.04768	0.05889	8.82E-04	3.47E-06	1.58E-03	0.002465	9.02E-04	3.42E-06	1.76E-03	2.66E-03	8.57E-04	4.34E-06	3.37E-03	4.23E-03
2544	493478.11, 3860547.94	0.0565	0.0467	0.05778	8.67E-04	3.40E-06	1.55E-03	0.00242	8.86E-04	3.35E-06	1.72E-03	2.61E-03	8.42E-04	4.25E-06	3.31E-03	4.16E-03

2545	493528.11, 3860547.94	0.05632	0.04664	0.05762	8.64E-04	3.40E-06	1.55E-03	0.002413	8.83E-04	3.34E-06	1.72E-03	2.61E-03	8.39E-04	4.24E-06	3.30E-03	4.14E-03
2546	493478.11, 3860597.94	0.05533	0.0457	0.05655	8.49E-04	3.33E-06	1.52E-03	0.002369	8.68E-04	3.27E-06	1.69E-03	2.56E-03	8.24E-04	4.16E-06	3.24E-03	4.07E-03
2547	493528.11, 3860597.94	0.05517	0.04565	0.0564	8.47E-04	3.32E-06	1.51E-03	0.002363	8.65E-04	3.27E-06	1.68E-03	2.55E-03	8.22E-04	4.15E-06	3.23E-03	4.06E-03
2548	493561.88, 3860524.64	0.05676	0.0471	0.05812	8.71E-04	3.43E-06	1.56E-03	0.002433	8.90E-04	3.37E-06	1.73E-03	2.63E-03	8.46E-04	4.28E-06	3.33E-03	4.18E-03
2549	493591.88, 3860524.64	0.05668	0.04711	0.05807	8.70E-04	3.43E-06	1.56E-03	0.002431	8.89E-04	3.38E-06	1.73E-03	2.62E-03	8.44E-04	4.29E-06	3.33E-03	4.18E-03
2550	493561.88, 3860554.64	0.05605	0.04649	0.05737	8.60E-04	3.38E-06	1.54E-03	0.002402	8.79E-04	3.33E-06	1.71E-03	2.59E-03	8.35E-04	4.23E-06	3.29E-03	4.13E-03
2551	493591.88, 3860554.64	0.056	0.04651	0.05735	8.59E-04	3.39E-06	1.54E-03	0.002401	8.78E-04	3.33E-06	1.71E-03	2.59E-03	8.34E-04	4.23E-06	3.29E-03	4.12E-03
2552	492880.5, 3860293.11	0.06492	0.05228	0.06592	9.96E-04	3.81E-06	1.77E-03	0.002768	1.02E-03	3.75E-06	1.97E-03	2.99E-03	9.67E-04	4.76E-06	3.78E-03	4.75E-03
2553	492930.5, 3860293.11	0.0648	0.05233	0.06589	9.94E-04	3.81E-06	1.77E-03	0.002765	1.02E-03	3.75E-06	1.97E-03	2.99E-03	9.65E-04	4.76E-06	3.77E-03	4.74E-03
2554	492980.5, 3860293.11	0.06469	0.05238	0.06585	9.93E-04	3.81E-06	1.77E-03	0.002763	1.01E-03	3.75E-06	1.96E-03	2.98E-03	9.64E-04	4.76E-06	3.77E-03	4.74E-03
2555	493030.5, 3860293.11	0.06467	0.05254	0.06598	9.92E-04	3.82E-06	1.77E-03	0.002766	1.01E-03	3.76E-06	1.97E-03	2.99E-03	9.63E-04	4.78E-06	3.78E-03	4.75E-03
2556	493080.5, 3860293.11	0.06454	0.05264	0.06602	9.90E-04	3.83E-06	1.77E-03	0.002765	1.01E-03	3.77E-06	1.97E-03	2.99E-03	9.61E-04	4.79E-06	3.78E-03	4.75E-03
2557	493130.5, 3860293.11	0.06431	0.05252	0.06574	9.87E-04	3.82E-06	1.76E-03	0.002754	1.01E-03	3.76E-06	1.96E-03	2.97E-03	9.58E-04	4.78E-06	3.77E-03	4.73E-03
2558	493180.5, 3860293.11	0.06404	0.05239	0.06545	9.83E-04	3.81E-06	1.76E-03	0.002742	1.00E-03	3.75E-06	1.95E-03	2.96E-03	9.54E-04	4.77E-06	3.75E-03	4.71E-03
2559	493230.5, 3860293.11	0.06382	0.05232	0.06524	9.79E-04	3.81E-06	1.75E-03	0.002733	1.00E-03	3.75E-06	1.95E-03	2.95E-03	9.51E-04	4.76E-06	3.74E-03	4.69E-03
2560	493280.5, 3860293.11	0.06366	0.05235	0.06517	9.77E-04	3.81E-06	1.75E-03	0.002729	9.98E-04	3.75E-06	1.94E-03	2.95E-03	9.48E-04	4.76E-06	3.73E-03	4.69E-03
2561	493330.5, 3860293.11	0.06347	0.05232	0.06503	9.74E-04	3.81E-06	1.74E-03	0.002722	9.95E-04	3.75E-06	1.94E-03	2.94E-03	9.46E-04	4.76E-06	3.73E-03	4.68E-03
2562	493380.5, 3860293.11	0.06326	0.05226	0.06485	9.71E-04	3.80E-06	1.74E-03	0.002714	9.92E-04	3.74E-06	1.93E-03	2.93E-03	9.42E-04	4.75E-06	3.71E-03	4.66E-03
2563	492880.5, 3860343.11	0.06342	0.05104	0.06432	9.73E-04	3.72E-06	1.73E-03	0.002702	9.94E-04	3.66E-06	1.92E-03	2.92E-03	9.45E-04	4.64E-06	3.68E-03	4.63E-03
2564	492930.5, 3860343.11	0.0633	0.05108	0.06428	9.71E-04	3.72E-06	1.72E-03	0.002699	9.92E-04	3.66E-06	1.92E-03	2.91E-03	9.43E-04	4.65E-06	3.68E-03	4.63E-03
2565	492980.5, 3860343.11	0.06339	0.05134	0.06455	9.73E-04	3.74E-06	1.73E-03	0.002708	9.94E-04	3.68E-06	1.93E-03	2.92E-03	9.44E-04	4.67E-06	3.70E-03	4.65E-03
2566	493030.5, 3860343.11	0.06323	0.05133	0.06444	9.70E-04	3.74E-06	1.73E-03	0.002702	9.91E-04	3.68E-06	1.92E-03	2.92E-03	9.42E-04	4.67E-06	3.69E-03	4.64E-03
2567	493080.5, 3860343.11	0.06318	0.05148	0.06455	9.70E-04	3.75E-06	1.73E-03	0.002705	9.91E-04	3.69E-06	1.93E-03	2.92E-03	9.41E-04	4.68E-06	3.70E-03	4.64E-03
2568	493130.5, 3860343.11	0.06297	0.05141	0.06435	9.66E-04	3.74E-06	1.73E-03	0.002696	9.87E-04	3.68E-06	1.92E-03	2.91E-03	9.38E-04	4.68E-06	3.69E-03	4.63E-03
2569	493180.5, 3860343.11	0.06269	0.05125	0.06403	9.62E-04	3.73E-06	1.72E-03	0.002683	9.83E-04	3.67E-06	1.91E-03	2.90E-03	9.34E-04	4.66E-06	3.67E-03	4.61E-03
2570	493230.5, 3860343.11	0.06249	0.0512	0.06386	9.59E-04	3.73E-06	1.71E-03	0.002675	9.80E-04	3.67E-06	1.91E-03	2.89E-03	9.31E-04	4.66E-06	3.66E-03	4.59E-03
2571	493280.5, 3860343.11	0.06237	0.05125	0.06382	9.57E-04	3.73E-06	1.71E-03	0.002672	9.78E-04	3.67E-06	1.90E-03	2.89E-03	9.29E-04	4.66E-06	3.66E-03	4.59E-03
2572	493330.5, 3860343.11	0.0622	0.05125	0.06371	9.54E-04	3.73E-06	1.71E-03	0.002667	9.75E-04	3.67E-06	1.90E-03	2.88E-03	9.27E-04	4.66E-06	3.65E-03	4.58E-03
2573	493380.5, 3860343.11	0.062	0.0512	0.06355	9.51E-04	3.73E-06	1.70E-03	0.00266	9.72E-04	3.67E-06	1.90E-03	2.87E-03	9.24E-04	4.66E-06	3.64E-03	4.57E-03
2574	492880.5, 3860393.11	0.06193	0.04981	0.06273	9.50E-04	3.63E-06	1.68E-03	0.002636	9.71E-04	3.57E-06	1.87E-03	2.85E-03	9.23E-04	4.53E-06	3.59E-03	4.52E-03
2575	492930.5, 3860393.11	0.06188	0.04991	0.06278	9.50E-04	3.63E-06	1.68E-03	0.002637	9.70E-04	3.58E-06	1.87E-03	2.85E-03	9.22E-04	4.54E-06	3.60E-03	4.52E-03
2576	492980.5, 3860393.11	0.06186	0.05007	0.06291	9.49E-04	3.64E-06	1.69E-03	0.00264	9.70E-04	3.59E-06	1.88E-03	2.85E-03	9.22E-04	4.55E-06	3.60E-03	4.53E-03
2577	493030.5, 3860393.11	0.0618	0.05015	0.06294	9.48E-04	3.65E-06	1.69E-03	0.00264	9.69E-04	3.59E-06	1.88E-03	2.85E-03	9.21E-04	4.56E-06	3.61E-03	4.53E-03
2578	493080.5, 3860393.11	0.06182	0.05034	0.0631	9.49E-04	3.66E-06	1.69E-03	0.002645	9.69E-04	3.61E-06	1.88E-03	2.86E-03	9.21E-04	4.58E-06	3.61E-03	4.54E-03
2579	493130.5, 3860393.11	0.0616	0.05025	0.06288	9.45E-04	3.66E-06	1.69E-03	0.002635	9.66E-04	3.60E-06	1.88E-03	2.85E-03	9.18E-04	4.57E-06	3.60E-03	4.52E-03
2580	493180.5, 3860393.11	0.0613	0.05009	0.06257	9.41E-04	3.65E-06	1.68E-03	0.002622	9.61E-04	3.59E-06	1.87E-03	2.83E-03	9.13E-04	4.56E-06	3.58E-03	4.50E-03
2581	493230.5, 3860393.11	0.06115	0.05008	0.06246	9.38E-04	3.65E-06	1.68E-03	0.002617	9.59E-04	3.59E-06	1.86E-03	2.83E-03	9.11E-04	4.56E-06	3.58E-03	4.49E-03
2582	493280.5, 3860393.11	0.06108	0.05016	0.06247	9.37E-04	3.65E-06	1.68E-03	0.002616	9.58E-04	3.59E-06	1.86E-03	2.82E-03	9.10E-04	4.56E-06	3.58E-03	4.49E-03
2583	493330.5, 3860393.11	0.06094	0.05018	0.0624	9.35E-04	3.65E-06	1.67E-03	0.002612	9.55E-04	3.60E-06	1.86E-03	2.82E-03	9.08E-04	4.56E-06	3.57E-03	4.49E-03
2584	493380.5, 3860393.11	0.06077	0.05015	0.06226	9.33E-04	3.65E-06	1.67E-03	0.002606	9.53E-04	3.59E-06	1.86E-03	2.81E-03	9.05E-04	4.56E-06	3.57E-03	4.48E-03
2585	492880.5, 3860443.11	0.06049	0.04865	0.06123	9.28E-04	3.54E-06	1.64E-03	0.002574	9.48E-04	3.49E-06	1.83E-03	2.78E-03	9.01E-04	4.43E-06	3.51E-03	4.41E-03
2586	492930.5, 3860443.11	0.06039	0.04868	0.06118	9.27E-04	3.54E-06	1.64E-03	0.002571	9.47E-04	3.49E-06	1.83E-03	2.78E-03	9.00E-04	4.43E-06	3.50E-03	4.41E-03
2587	492980.5, 3860443.11	0.06039	0.04882	0.0613	9.27E-04	3.55E-06	1.64E-03	0.002574	9.47E-04	3.50E-06	1.83E-03	2.78E-03	9.00E-04	4.44E-06	3.51E-03	4.42E-03
2588	493030.5, 3860443.11	0.06036	0.04894	0.06139	9.26E-04	3.56E-06	1.65E-03	0.002576	9.46E-04	3.51E-06	1.83E-03	2.78E-03	8.99E-04	4.45E-06	3.52E-03	4.42E-03
2589	493080.5, 3860443.11	0.06025	0.04898	0.06135	9.25E-04	3.57E-06	1.65E-03	0.002574	9.45E-04	3.51E-06	1.83E-03	2.78E-03	8.98E-04	4.46E-06	3.51E-03	4.42E-03
2590	493130.5, 3860443.11	0.06014	0.04901	0.0613	9.23E-04	3.57E-06	1.64E-03	0.002571	9.43E-04	3.51E-06	1.83E-03	2.78E-03	8.96E-04	4.46E-06	3.51E-03	4.41E-03
2591	493180.5, 3860443.11	0.05989	0.04888	0.06104	9.19E-04	3.56E-06	1.64E-03	0.00256	9.39E-04	3.50E-06	1.82E-03	2.76E-03	8.92E-04	4.45E-06	3.50E-03	4.39E-03
2592	493230.5, 3860443.11	0.05986	0.04901	0.06112	9.19E-04	3.57E-06	1.64E-03	0.002561	9.39E-04	3.51E-06	1.82E-03	2.77E-03	8.92E-04	4.46E-06	3.50E-03	4.40E-03
2593	493280.5, 3860443.11	0.05977	0.04905	0.06109	9.17E-04	3.57E-06	1.64E-03	0.002559	9.37E-04	3.51E-06	1.82E-03	2.76E-03	8.90E-04	4.46E-06	3.50E-03	4.39E-03
2594	493330.5, 3860443.11	0.0597	0.04913	0.0611	9.16E-04	3.58E-06	1.64E-03	0.002558	9.36E-04	3.52E-06	1.82E-03	2.76E-03	8.89E-04	4.47E-06	3.50E-03	4.39E-03
2595	493380.5, 3860443.11	0.05951	0.04908	0.06093	9.13E-04	3.57E-06	1.63E-03	0.002551	9.33E-04	3.52E-06	1.82E-03	2.75E-03	8.87E-04	4.46E-06	3.49E-03	4.38E-03
2596	493180.5, 3860493.11	0.05862	0.04782	0.0597	9.00E-04	3.48E-06	1.60E-03	0.002504	9.19E-04	3.43E-06	1.78E-03	2.70E-03	8.73E-04	4.35E-06	3.42E-03	4.30E-03
2597	493230.5, 3860493.11	0.05855	0.0479	0.05972	8.98E-04	3.49E-06	1.60E-03	0.002504	9.18E-04	3.43E-06	1.78E-03	2.70E-03	8.72E-04	4.36E-06	3.42E-03	4.30E-03
2598	493280.5, 3860493.11	0.05848	0.04798	0.05974	8.97E-04	3.49E-06	1.60E-03	0.002503	9.17E-04	3.44E-06	1.78E-03	2.70E-03	8.71E-04	4.36E-06	3.42E-03	4.30E-03
2599	493330.5, 3860493.11	0.05838	0.04801	0.0597	8.96E-04	3.49E-06	1.60E-03	0.002501	9.15E-04	3.44E-06	1.78E-03	2.70E-03	8.70E-04	4.37E-06	3.42E-03	4.29E-03
2600	493380.5, 3860493.11	0.0582	0.04797	0.05955	8.93E-04	3.49E-06	1.60E-03	0.002494	9.13E-04	3.44E-06	1.78E-03	2.69E-03	8.67E-04	4.36E-06	3.41E-03	4.28E-03
2601	493330.5, 3860543.11	0.05714	0.04695	0.05838	8.77E-04	3.42E-06	1.57E-03	0.002446	8.96E-04	3.36E-06	1.74E-03	2.64E-03	8.51E-04	4.27E-06	3.34E-03	4.20E-03
2602	493380.5, 3860543.11	0.05697	0.04691	0.05823	8.74E-04	3.41E-06	1.56E-03	0.002439	8.93E-04	3.36E-06	1.74E-03	2.63E-03	8.49E-04	4.27E-06	3.34E-03	4.19E-03
2603	494135.94, 3860876.85	0.04793	0.04052	0.04922	7.35E-04	2.95E-06	1.32E-03	0.002059	7.51E-04	2.90E-06	1.47E-03	2.22E-03	7.14E-04	3.69E-06	2.82E-03	3.54E-03
2604	494185.94, 3860876.85	0.04782	0.04051	0.04913	7.34E-04	2.95E-06	1.32E-03	0.002054	7.50E-04	2.90E-06	1.47E-03	2.22E-03	7.12E-04	3.68E-06	2.81E-03	3.53E-03
2605	494135.94, 3860926.85	0.04697	0.03967	0.04819	7.21E-04	2.89E-06	1.29E-03	0.002016	7.36E-04	2.84E-06	1.44E-03	2.18E-03	7.00E-04	3.61E-06	2.76E-03	3.46E-03
2606	494185.94, 3860926.85	0.04688	0.03968	0.04814	7.19E-04	2.89E-06	1.29E-03	0.002013	7.35E-04	2.84E-06	1.44E-03	2.17E-03	6.98E-04	3.61E-06	2.76E-03	3.46E-03
2607	494135.94, 3860976.85	0.04604	0.03884	0.0472	7.06E-04	2.83E-06	1.27E-03	0.001975	7.22E-04	2.78E-06	1.41E-03	2.13E-03	6.86E-04	3.53E-06	2.70E-03	3.39E-03
2608	494185.94, 3860976.85	0.04597	0.03886	0.04716	7.05E-04	2.83E-06	1.26E-03	0.001973	7.21E-04	2.78E-06	1.41E-03	2.13E-03	6.85E-04	3.53E-06	2.70E-03	3.39E-03
2609	494135.94, 3861026.85	0.0451	0.03801	0.0462	6.92E-04	2.77E-06	1.24E-03	0.001934	7.07E-04	2.72E-06	1.38E-03	2.09E-03	6.72E-04	3.46E-06	2.65E-03	3.32E-03
2610	494185.94, 3861026.85	0.04505	0.03805	0.04618	6.91E-04	2.77E-06	1.24E-03	0.001933	7.06E-04	2.73E-06	1.38E-03	2.09E-03	6.71E-04	3.46E-06	2.65E-03	3.32E-03
2611	494135.94, 3861076.85	0.04418	0.0372	0.04523	6.78E-04	2.71E-06	1.21E-03	0.001894	6.93E-04	2.67E-06	1.35E-03	2.04E-03	6.58E-04	3.38E-06	2.59E-03	3.25E-03
2612	494185.94, 3861076.85	0.04414	0.03724	0.04522	6.77E-04	2.71E-06	1.21E-03	0.001893	6.92E-04	2.67E-06	1.35E-03	2.04E-03	6.58E-04	3.39E-06	2.59E-03	3.25E-03
2613	490360.04, 3858710.04	0.22965	0.14211	0.21688	3.52E-03	1.03E-05	5.82E-03	0.009351	3.60E-03	1.02E-05	6.47E-03	1.01E-02	3.42E-03	1.29E-05	1.24E-02	1.59E-02
2614	490410.04, 3858710.04	0.22542	0.14147	0.2145	3.46E-03	1.03E-05	5.75E-03	0.009222	3.53E-03	1.01E-05	6.40E-03	9.94E-03	3.36E-03	1.29E-05	1.23E-02	1.57E-02
2615	490460.04, 3858710.04	0.22079	0.14078	0.21202	3.39E-03	1.02E-05	5.69E-03	0.009085	3.46E-03	1.01E-05	6.33E-03	9.80E-03	3.29E-03	1.28E-05	1.21E-02	1.54E-02
2616	490510.04, 3858710.04	0.2168	0.14	0.20948	3.33E-03	1.02E-05	5.62E-03	0.008955	3.40E-03	1.00E-05	6.25E-03	9.66E-03	3.23E-03	1.27E-05	1.20E-02	1.52E-02
2617	490560.04, 3858710.04	0.2131	0.13921	0.20699	3.27E-03	1.01E-05	5.55E-03	0.008832	3.34E-03	9.97E-06	6.17E-03	9.53E-03	3.17E-03	1.27E-05	1.19E-02	1.50E-02
2618	490610.04, 3858710.04	0.20941	0.13837	0.20453	3.21E-03	1.01E-05	5.49E-03	0.008709	3.28E-03	9.91E-06	6.10E-03	9.39E-03	3.12E-03	1.26E-05	1.17E-02	1.48E-02
2619	490660.04, 3858710.04	0.20636	0.13762	0.20217	3.17E-03	1.00E-05	5.42E-03	0.008599	3.24E-03	9.86E-06	6.03E-03	9.28E-03	3.07E-03	1.25E-05	1.16E-02	1.47E-02
2620	490710.04, 3858710.04	0.20256	0.13679	0.19866	3.11E-03	9.96E-06	5.33E-03	0.008446	3.18E-03	9.80E-06	5.93E-03	9.11E-03	3.02E-03	1.24E-05	1.14E-02	1.44E-02
2621	490760.04, 3858710.04	0.19903	0.13498	0.1961	3.05E-03	9.83E-06	5.26E-03	0.008323	3.12E-03	9.67E-06	5.85E-03	8.98E-03	2.96E-03	1.23E-05	1.12E-02	1.42E-02
2622	490810.04, 3858710.04	0.19559	0.13399	0.19354	3.00E-03	9.75E-06	5.19E-03	0.008202	3.07E-03	9.60E-06	5.77E-03	8.85E-03	2.91E-03	1.22E-05	1.11E-02	1.40E-02
2623	490860.04, 3858710.04	0.19182	0.13285	0.19081	2.94E-03	9.67E-06	5.12E-03	0.008071	3.01E-03	9.52E-06	5.69E-03	8.71E-03	2.86E-03	1.21E-05	1.09E-02	1.38E-02
2624	490360.04, 3858760.04	0.22222	0.13686	0.20871	3.41E-03	9.96E-06	5.60E-03	0.009018	3.48E-03	9.81E-06	6.23E-03	9.72E-03	3.31E-03	1.24E-05	1.20E-02	1.53E-02
2625	490410.04, 3858760.04	0.21811	0.1363	0.20662	3.35E-03	9.92E-06	5.54E-03	0.008899	3.42E-03	9.77E-06	6.16E-03	9.59E-03	3.25E-03	1.24E-05	1.18E-02	1.51E-02
2626	490460.04, 3858760.04	0.21395	0.13568	0.20437	3.28E-03	9.88E-06	5.48E-03	0.008774	3.35E-03	9.72E-06	6.10E-03	9.46E-03	3.19E-03	1.23E-05	1.17E-02	1.49E-02
2627	490510.04, 3858760.04	0.2098	0.13497	0.20205	3.22E-03	9.82E-06	5.42E-03	0.008648	3.29E-03	9.67E-06	6.03E-03	9.33E-03	3.13E-03	1.23E-05	1.16E-02	1.47E-02
2628	490560.04, 3858760.04	0.20609	0.13414	0.19978	3.16E-03	9.76E-06	5.36E-03	0.00853	3.23E-03	9.61E-06	5.96E-03	9.20E-03	3.07E-03	1.22E-05	1.14E-02	1.45E-02
2629	490610.04, 3858760.04	0.20237	0.13342	0.1975	3.11E-03	9.71E-06	5.30E-03	0.008412	3.17E-03	9.56E-06	5.89E-03	9.07E-03	3.01E-03	1.21E-05	1.13E-02	1.43E-02
2630	490660.04, 3858760.04	0.19891	0.1327	0.19408	3.05E-03	9.66E-06	5.21E-03	0.008267	3.12E-03	9.51E-06	5.79E-03	8.92E-03	2.96E-03	1.21E-05	1.11E-02	1.41E-02
2631	490710.04, 3858760.04	0.19549	0.13096	0.19168	3.00E-03	9.53E-06	5.14E-03	0.00815	3.07E-03	9.38E-06	5.72E-03	8.79E-03	2.91E-03	1.19E-05	1.10E-02	1.39E-02
2632	490760.04, 3858760.04	0.19187	0.13	0.18917	2.94E-03	9.46E-06	5.07E-03	0.008027	3.01E-03	9.31E-06	5.64E-03	8.66E-03	2.86E-03	1.18E-05	1.08E-02	1.37E-02
2633	490810.04, 3858760.04	0.18844	0.12905	0.18669	2.89E-03	9.39E-06	5.01E-03	0.007908	2.95E-03	9.25E-06	5.57E-03	8.53E-03	2.81E-03	1.17E-05	1.07E-02	1.35E-02
2634	490860.04, 3858760.04	0.18528	0.12812	0.18432	2.84E-03	9.33E-06	4.94E-03	0.007796	2.91E-03	9.18E-06	5.50E-03	8.41E-03	2.76E-03	1.17E-05	1.06E-02	1.33E-02
2635	490360.04, 3858810.04	0.21425	0.13191	0.20075	3.29E-03	9.60E-06	5.38E-03	0.008682	3.36E-03	9.45E-06	5.99E-03	9.36E-03	3.19E-03	1.20E-05	1.15E-02	1.47E-02
2636	490410.04, 3858810.04	0.21029	0.1314	0.19885	3.23E-03	9.56E-06	5.33E-03	0.00857	3.30E-03	9.42E-06	5.93E-03	9.24E-03	3.13E-03	1.20E-05	1.14E-02	1.45E-02
2637	490460.04, 3858810.04	0.20636	0.1308	0.19677	3.17E-03	9.52E-06	5.28E-03	0.008454	3.24E-03	9.37E-06	5.87E-03	9.12E-03	3.07E-03	1.19E-05	1.13E-02	1.44E-02
2638	490510.04, 3858810.04	0.20287	0.13017	0.19472	3.11E-03	9.48E-06	5.22E-03	0.008345	3.18E-03	9.33E-06	5.81E-03	9.00E-03	3.02E-03	1.18E-05	1.12E-02	1.42E-02
2639	490560.04, 3858810.04	0.19936	0.12936	0.19267	3.06E-03	9.42E-06	5.17E-03	0.008236	3.13E-03	9.27E-06	5.75E-03	8.88E-03	2.97E-03	1.18E-05	1.10E-02	1.40E-02
2640	490610.04, 3858810.04	0.19552	0.12867	0.19057	3.00E-03	9.37E-06	5.11E-03	0.008121	3.07E-03	9.22E-06	5.69E-03	8.76E-03	2.91E-03	1.17E-05	1.09E-02	1.38E-02
2641	490660.04, 3858810.04	0.19208	0.12704	0.18716	2.95E-03	9.25E-06	5.02E-03	0.007976	3.01E-03	9.10E-06	5.58E-03	8.60E-03	2.86E-03	1.16E-05	1.07E-02	1.36E-02
2642	490710.04, 3858810.04	0.18854	0.12617	0.1848	2.89E-03	9.18E-06	4.96E-03	0.007859	2.96E-03	9.04E-06	5.51E-03	8.48E-03	2.81E-03	1.15E-05	1.06E-02	1.34E-02

2643	490760.04, 3858810.04	0.18459	0.12514	0.18221	2.83E-03	9.11E-06	4.89E-03	0.007729	2.89E-03	8.97E-06	5.44E-03	8.34E-03	2.75E-03	1.14E-05	1.04E-02	1.32E-02
2644	490810.04, 3858810.04	0.18199	0.12446	0.18021	2.79E-03	9.06E-06	4.83E-03	0.007635	2.85E-03	8.92E-06	5.38E-03	8.24E-03	2.71E-03	1.13E-05	1.03E-02	1.30E-02
2645	490860.04, 3858810.04	0.17858	0.1235	0.1778	2.74E-03	8.99E-06	4.77E-03	0.007518	2.80E-03	8.85E-06	5.30E-03	8.11E-03	2.66E-03	1.12E-05	1.02E-02	1.29E-02
2646	490360.04, 3858860.04	0.20577	0.12725	0.19296	3.16E-03	9.26E-06	5.18E-03	0.008342	3.23E-03	9.12E-06	5.76E-03	8.99E-03	3.07E-03	1.16E-05	1.11E-02	1.41E-02
2647	490410.04, 3858860.04	0.20262	0.12672	0.19115	3.11E-03	9.22E-06	5.13E-03	0.008245	3.18E-03	9.08E-06	5.70E-03	8.89E-03	3.02E-03	1.15E-05	1.09E-02	1.40E-02
2648	490460.04, 3858860.04	0.19877	0.12616	0.18929	3.05E-03	9.18E-06	5.08E-03	0.008136	3.12E-03	9.04E-06	5.65E-03	8.77E-03	2.96E-03	1.15E-05	1.08E-02	1.38E-02
2649	490510.04, 3858860.04	0.19587	0.1256	0.18749	3.01E-03	9.14E-06	5.03E-03	0.008043	3.07E-03	9.00E-06	5.59E-03	8.67E-03	2.92E-03	1.14E-05	1.07E-02	1.37E-02
2650	490560.04, 3858860.04	0.19233	0.12477	0.18562	2.95E-03	9.08E-06	4.98E-03	0.007939	3.02E-03	8.94E-06	5.54E-03	8.56E-03	2.87E-03	1.13E-05	1.06E-02	1.35E-02
2651	490610.04, 3858860.04	0.18829	0.12314	0.18231	2.89E-03	8.96E-06	4.89E-03	0.007788	2.95E-03	8.82E-06	5.44E-03	8.40E-03	2.80E-03	1.12E-05	1.04E-02	1.33E-02
2652	490660.04, 3858860.04	0.18509	0.12239	0.18024	2.84E-03	8.91E-06	4.83E-03	0.007683	2.90E-03	8.77E-06	5.38E-03	8.29E-03	2.76E-03	1.11E-05	1.03E-02	1.31E-02
2653	490710.04, 3858860.04	0.18229	0.12174	0.17829	2.80E-03	8.86E-06	4.78E-03	0.007588	2.86E-03	8.72E-06	5.32E-03	8.19E-03	2.72E-03	1.11E-05	1.02E-02	1.29E-02
2654	490760.04, 3858860.04	0.17859	0.12079	0.17591	2.74E-03	8.79E-06	4.72E-03	0.007467	2.80E-03	8.65E-06	5.25E-03	8.06E-03	2.66E-03	1.10E-05	1.01E-02	1.27E-02
2655	490810.04, 3858860.04	0.17508	0.11986	0.17356	2.69E-03	8.72E-06	4.65E-03	0.00735	2.75E-03	8.59E-06	5.18E-03	7.93E-03	2.61E-03	1.09E-05	9.94E-03	1.26E-02
2656	490860.04, 3858860.04	0.17153	0.11886	0.17111	2.63E-03	8.65E-06	4.59E-03	0.00723	2.69E-03	8.52E-06	5.10E-03	7.80E-03	2.56E-03	1.08E-05	9.80E-03	1.24E-02
2657	490360.04, 3858910.04	0.19837	0.12271	0.18514	3.04E-03	8.93E-06	4.97E-03	0.008018	3.11E-03	8.79E-06	5.52E-03	8.64E-03	2.96E-03	1.12E-05	1.06E-02	1.36E-02
2658	490410.04, 3858910.04	0.1951	0.12227	0.18364	2.99E-03	8.90E-06	4.93E-03	0.007928	3.06E-03	8.76E-06	5.48E-03	8.55E-03	2.91E-03	1.11E-05	1.05E-02	1.34E-02
2659	490460.04, 3858910.04	0.19178	0.12176	0.18201	2.94E-03	8.86E-06	4.88E-03	0.007833	3.01E-03	8.72E-06	5.43E-03	8.45E-03	2.86E-03	1.11E-05	1.04E-02	1.33E-02
2660	490510.04, 3858910.04	0.18838	0.12122	0.18036	2.89E-03	8.82E-06	4.84E-03	0.007737	2.95E-03	8.69E-06	5.38E-03	8.34E-03	2.81E-03	1.10E-05	1.03E-02	1.31E-02
2661	490560.04, 3858910.04	0.18488	0.12032	0.17866	2.84E-03	8.76E-06	4.79E-03	0.007638	2.90E-03	8.62E-06	5.33E-03	8.24E-03	2.75E-03	1.09E-05	1.02E-02	1.30E-02
2662	490610.04, 3858910.04	0.18137	0.1187	0.17542	2.78E-03	8.64E-06	4.70E-03	0.007497	2.84E-03	8.51E-06	5.23E-03	8.09E-03	2.70E-03	1.08E-05	1.00E-02	1.28E-02
2663	490660.04, 3858910.04	0.1783	0.11797	0.17348	2.74E-03	8.59E-06	4.65E-03	0.007397	2.80E-03	8.45E-06	5.18E-03	7.98E-03	2.66E-03	1.07E-05	9.94E-03	1.26E-02
2664	490710.04, 3858910.04	0.17497	0.11714	0.17137	2.68E-03	8.53E-06	4.60E-03	0.00729	2.74E-03	8.39E-06	5.11E-03	7.86E-03	2.61E-03	1.07E-05	9.82E-03	1.24E-02
2665	490760.04, 3858910.04	0.17128	0.11617	0.16904	2.63E-03	8.46E-06	4.53E-03	0.007171	2.69E-03	8.32E-06	5.04E-03	7.74E-03	2.55E-03	1.06E-05	9.68E-03	1.22E-02
2666	490810.04, 3858910.04	0.1683	0.11539	0.167	2.58E-03	8.40E-06	4.48E-03	0.00707	2.64E-03	8.27E-06	4.98E-03	7.63E-03	2.51E-03	1.05E-05	9.57E-03	1.21E-02
2667	490860.04, 3858910.04	0.1646	0.11432	0.16448	2.53E-03	8.32E-06	4.41E-03	0.006946	2.58E-03	8.19E-06	4.91E-03	7.50E-03	2.45E-03	1.04E-05	9.42E-03	1.19E-02
2668	490360.04, 3858960.04	0.19036	0.11847	0.17769	2.92E-03	8.62E-06	4.77E-03	0.007695	2.98E-03	8.49E-06	5.30E-03	8.29E-03	2.84E-03	1.08E-05	1.02E-02	1.30E-02
2669	490410.04, 3858960.04	0.18715	0.11805	0.17631	2.87E-03	8.59E-06	4.73E-03	0.007609	2.93E-03	8.46E-06	5.26E-03	8.20E-03	2.79E-03	1.07E-05	1.01E-02	1.29E-02
2670	490460.04, 3858960.04	0.18384	0.11755	0.17485	2.82E-03	8.56E-06	4.69E-03	0.007519	2.88E-03	8.42E-06	5.22E-03	8.11E-03	2.74E-03	1.07E-05	1.00E-02	1.28E-02
2671	490510.04, 3858960.04	0.1807	0.11667	0.17337	2.77E-03	8.49E-06	4.65E-03	0.007431	2.83E-03	8.36E-06	5.17E-03	8.01E-03	2.69E-03	1.06E-05	9.93E-03	1.26E-02
2672	490560.04, 3858960.04	0.17763	0.1161	0.1705	2.73E-03	8.45E-06	4.57E-03	0.007307	2.79E-03	8.32E-06	5.09E-03	7.88E-03	2.65E-03	1.06E-05	9.77E-03	1.24E-02
2673	490610.04, 3858960.04	0.17401	0.11431	0.16845	2.67E-03	8.32E-06	4.52E-03	0.007196	2.73E-03	8.19E-06	5.03E-03	7.76E-03	2.59E-03	1.04E-05	9.65E-03	1.23E-02
2674	490660.04, 3858960.04	0.17165	0.11376	0.16689	2.63E-03	8.28E-06	4.48E-03	0.007118	2.69E-03	8.15E-06	4.98E-03	7.68E-03	2.56E-03	1.03E-05	9.56E-03	1.21E-02
2675	490710.04, 3858960.04	0.16808	0.11281	0.16473	2.58E-03	8.21E-06	4.42E-03	0.007006	2.64E-03	8.08E-06	4.91E-03	7.56E-03	2.50E-03	1.03E-05	9.44E-03	1.20E-02
2676	490760.04, 3858960.04	0.16479	0.11194	0.16264	2.53E-03	8.15E-06	4.36E-03	0.006899	2.58E-03	8.02E-06	4.85E-03	7.44E-03	2.45E-03	1.02E-05	9.32E-03	1.18E-02
2677	490810.04, 3858960.04	0.16148	0.11101	0.16045	2.48E-03	8.08E-06	4.30E-03	0.006789	2.53E-03	7.95E-06	4.79E-03	7.33E-03	2.41E-03	1.01E-05	9.19E-03	1.16E-02
2678	490860.04, 3858960.04	0.15773	0.10986	0.15789	2.42E-03	8.00E-06	4.23E-03	0.006663	2.47E-03	7.87E-06	4.71E-03	7.19E-03	2.35E-03	9.99E-06	9.04E-03	1.14E-02
2679	490360.04, 3859010.04	0.18249	0.11443	0.17049	2.80E-03	8.33E-06	4.57E-03	0.007381	2.86E-03	8.20E-06	5.09E-03	7.96E-03	2.72E-03	1.04E-05	9.77E-03	1.25E-02
2680	490410.04, 3859010.04	0.17939	0.11402	0.16924	2.75E-03	8.30E-06	4.54E-03	0.0073	2.81E-03	8.17E-06	5.05E-03	7.87E-03	2.67E-03	1.04E-05	9.69E-03	1.24E-02
2681	490460.04, 3859010.04	0.17592	0.11314	0.1679	2.70E-03	8.24E-06	4.50E-03	0.007211	2.76E-03	8.11E-06	5.01E-03	7.78E-03	2.62E-03	1.03E-05	9.62E-03	1.22E-02
2682	490510.04, 3859010.04	0.1725	0.11165	0.16501	2.65E-03	8.13E-06	4.43E-03	0.007081	2.70E-03	8.00E-06	4.92E-03	7.64E-03	2.57E-03	1.02E-05	9.45E-03	1.20E-02
2683	490560.04, 3859010.04	0.17008	0.11104	0.16356	2.61E-03	8.08E-06	4.39E-03	0.007005	2.67E-03	7.96E-06	4.88E-03	7.55E-03	2.53E-03	1.01E-05	9.37E-03	1.19E-02
2684	490610.04, 3859010.04	0.16672	0.11011	0.16163	2.56E-03	8.02E-06	4.33E-03	0.006901	2.61E-03	7.89E-06	4.82E-03	7.44E-03	2.48E-03	1.00E-05	9.26E-03	1.18E-02
2685	490660.04, 3859010.04	0.16462	0.1096	0.16025	2.53E-03	7.98E-06	4.30E-03	0.006832	2.58E-03	7.85E-06	4.78E-03	7.37E-03	2.45E-03	9.97E-06	9.18E-03	1.16E-02
2686	490710.04, 3859010.04	0.1611	0.10861	0.15815	2.47E-03	7.91E-06	4.24E-03	0.006722	2.53E-03	7.78E-06	4.72E-03	7.25E-03	2.40E-03	9.88E-06	9.06E-03	1.15E-02
2687	490760.04, 3859010.04	0.15782	0.10767	0.15607	2.42E-03	7.84E-06	4.19E-03	0.006615	2.47E-03	7.71E-06	4.66E-03	7.14E-03	2.35E-03	9.79E-06	8.94E-03	1.13E-02
2688	490810.04, 3859010.04	0.15447	0.10666	0.15384	2.37E-03	7.76E-06	4.13E-03	0.006504	2.42E-03	7.64E-06	4.59E-03	7.02E-03	2.30E-03	9.70E-06	8.81E-03	1.11E-02
2689	490860.04, 3859010.04	0.15135	0.10568	0.15164	2.32E-03	7.69E-06	4.07E-03	0.006397	2.37E-03	7.57E-06	4.52E-03	6.90E-03	2.25E-03	9.61E-06	8.69E-03	1.10E-02
2690	490360.04, 3859060.04	0.1746	0.11057	0.16355	2.68E-03	8.05E-06	4.39E-03	0.007074	2.74E-03	7.92E-06	4.88E-03	7.62E-03	2.60E-03	1.01E-05	9.37E-03	1.20E-02
2691	490410.04, 3859060.04	0.17119	0.1098	0.16239	2.63E-03	7.99E-06	4.36E-03	0.00699	2.68E-03	7.87E-06	4.84E-03	7.54E-03	2.55E-03	9.99E-06	9.30E-03	1.19E-02
2692	490460.04, 3859060.04	0.16816	0.10924	0.16121	2.58E-03	7.95E-06	4.32E-03	0.006912	2.64E-03	7.83E-06	4.81E-03	7.45E-03	2.51E-03	9.94E-06	9.23E-03	1.17E-02
2693	490510.04, 3859060.04	0.16534	0.10782	0.15836	2.54E-03	7.85E-06	4.25E-03	0.006792	2.59E-03	7.73E-06	4.72E-03	7.32E-03	2.46E-03	9.81E-06	9.07E-03	1.15E-02
2694	490560.04, 3859060.04	0.16212	0.10689	0.15657	2.49E-03	7.78E-06	4.20E-03	0.006695	2.54E-03	7.66E-06	4.67E-03	7.22E-03	2.42E-03	9.72E-06	8.97E-03	1.14E-02
2695	490610.04, 3859060.04	0.15967	0.10618	0.15509	2.45E-03	7.73E-06	4.16E-03	0.006617	2.50E-03	7.61E-06	4.63E-03	7.14E-03	2.38E-03	9.66E-06	8.88E-03	1.13E-02
2696	490660.04, 3859060.04	0.15732	0.10552	0.15363	2.41E-03	7.68E-06	4.12E-03	0.006542	2.47E-03	7.56E-06	4.58E-03	7.06E-03	2.34E-03	9.60E-06	8.80E-03	1.12E-02
2697	490710.04, 3859060.04	0.15391	0.10448	0.15156	2.36E-03	7.61E-06	4.06E-03	0.006434	2.41E-03	7.49E-06	4.52E-03	6.94E-03	2.29E-03	9.50E-06	8.68E-03	1.10E-02
2698	490760.04, 3859060.04	0.15073	0.10348	0.1495	2.31E-03	7.53E-06	4.01E-03	0.00633	2.36E-03	7.41E-06	4.46E-03	6.83E-03	2.25E-03	9.41E-06	8.56E-03	1.08E-02
2699	490810.04, 3859060.04	0.14744	0.10239	0.14726	2.26E-03	7.45E-06	3.95E-03	0.00622	2.31E-03	7.34E-06	4.39E-03	6.71E-03	2.20E-03	9.31E-06	8.44E-03	1.06E-02
2700	490860.04, 3859060.04	0.14439	0.10135	0.14507	2.22E-03	7.38E-06	3.89E-03	0.006114	2.26E-03	7.26E-06	4.33E-03	6.60E-03	2.15E-03	9.22E-06	8.31E-03	1.05E-02
2701	490360.04, 3859110.04	0.16725	0.10683	0.15692	2.57E-03	7.78E-06	4.21E-03	0.006783	2.62E-03	7.65E-06	4.68E-03	7.31E-03	2.49E-03	9.72E-06	8.99E-03	1.15E-02
2702	490410.04, 3859110.04	0.16413	0.10614	0.15592	2.52E-03	7.73E-06	4.18E-03	0.006708	2.57E-03	7.61E-06	4.65E-03	7.23E-03	2.45E-03	9.65E-06	8.93E-03	1.14E-02
2703	490460.04, 3859110.04	0.16163	0.10567	0.15491	2.48E-03	7.69E-06	4.15E-03	0.006643	2.53E-03	7.57E-06	4.62E-03	7.16E-03	2.41E-03	9.61E-06	8.87E-03	1.13E-02
2704	490510.04, 3859110.04	0.15781	0.10407	0.15176	2.42E-03	7.58E-06	4.07E-03	0.006499	2.47E-03	7.46E-06	4.53E-03	7.01E-03	2.35E-03	9.47E-06	8.69E-03	1.11E-02
2705	490560.04, 3859110.04	0.15506	0.10322	0.15019	2.38E-03	7.51E-06	4.03E-03	0.006415	2.43E-03	7.40E-06	4.48E-03	6.92E-03	2.31E-03	9.39E-06	8.60E-03	1.09E-02
2706	490610.04, 3859110.04	0.15205	0.10227	0.14845	2.33E-03	7.44E-06	3.98E-03	0.006322	2.38E-03	7.33E-06	4.43E-03	6.82E-03	2.27E-03	9.30E-06	8.50E-03	1.08E-02
2707	490660.04, 3859110.04	0.14868	0.10115	0.14641	2.28E-03	7.36E-06	3.93E-03	0.006216	2.33E-03	7.25E-06	4.37E-03	6.71E-03	2.21E-03	9.20E-06	8.39E-03	1.06E-02
2708	490710.04, 3859110.04	0.14639	0.10038	0.14488	2.25E-03	7.31E-06	3.89E-03	0.006139	2.30E-03	7.19E-06	4.32E-03	6.62E-03	2.18E-03	9.13E-06	8.30E-03	1.05E-02
2709	490760.04, 3859110.04	0.14355	0.09938	0.14296	2.20E-03	7.23E-06	3.83E-03	0.006044	2.25E-03	7.12E-06	4.26E-03	6.52E-03	2.14E-03	9.04E-06	8.19E-03	1.03E-02
2710	490810.04, 3859110.04	0.14018	0.09813	0.14059	2.15E-03	7.14E-06	3.77E-03	0.005929	2.20E-03	7.03E-06	4.19E-03	6.40E-03	2.09E-03	8.93E-06	8.05E-03	1.02E-02
2711	490860.04, 3859110.04	0.13686	0.09682	0.13811	2.10E-03	7.05E-06	3.70E-03	0.005811	2.15E-03	6.94E-06	4.12E-03	6.27E-03	2.04E-03	8.81E-06	7.91E-03	9.96E-03
2712	490360.04, 3859160.04	0.16027	0.10319	0.1506	2.46E-03	7.51E-06	4.04E-03	0.006506	2.51E-03	7.39E-06	4.49E-03	7.01E-03	2.39E-03	9.39E-06	8.63E-03	1.10E-02
2713	490410.04, 3859160.04	0.15757	0.10293	0.14977	2.42E-03	7.49E-06	4.02E-03	0.006442	2.47E-03	7.38E-06	4.47E-03	6.95E-03	2.35E-03	9.36E-06	8.58E-03	1.09E-02
2714	490460.04, 3859160.04	0.15494	0.10221	0.14886	2.38E-03	7.44E-06	3.99E-03	0.006378	2.43E-03	7.32E-06	4.44E-03	6.88E-03	2.31E-03	9.30E-06	8.53E-03	1.08E-02
2715	490510.04, 3859160.04	0.15216	0.10102	0.14622	2.33E-03	7.35E-06	3.92E-03	0.006264	2.39E-03	7.24E-06	4.36E-03	6.76E-03	2.27E-03	9.19E-06	8.38E-03	1.07E-02
2716	490560.04, 3859160.04	0.14882	0.1	0.14442	2.28E-03	7.28E-06	3.87E-03	0.006164	2.33E-03	7.17E-06	4.31E-03	6.65E-03	2.22E-03	9.10E-06	8.27E-03	1.05E-02
2717	490610.04, 3859160.04	0.14632	0.09917	0.14295	2.25E-03	7.22E-06	3.83E-03	0.006087	2.29E-03	7.11E-06	4.26E-03	6.57E-03	2.18E-03	9.02E-06	8.19E-03	1.04E-02
2718	490660.04, 3859160.04	0.14156	0.09747	0.14012	2.17E-03	7.10E-06	3.76E-03	0.005937	2.22E-03	6.98E-06	4.18E-03	6.41E-03	2.11E-03	8.87E-06	8.03E-03	1.01E-02
2719	490710.04, 3859160.04	0.13926	0.09658	0.13853	2.14E-03	7.03E-06	3.72E-03	0.005859	2.18E-03	6.92E-06	4.13E-03	6.32E-03	2.07E-03	8.79E-06	7.94E-03	1.00E-02
2720	490760.04, 3859160.04	0.13537	0.09498	0.13581	2.08E-03	6.91E-06	3.64E-03	0.005727	2.12E-03	6.81E-06	4.05E-03	6.18E-03	2.02E-03	8.64E-06	7.78E-03	9.81E-03
2721	490810.04, 3859160.04	0.13299	0.094	0.134	2.04E-03	6.84E-06	3.59E-03	0.005642	2.09E-03	6.74E-06	4.00E-03	6.09E-03	1.98E-03	8.55E-06	7.68E-03	9.67E-03
2722	490860.04, 3859160.04	0.13037	0.09288	0.13194	2.00E-03	6.76E-06	3.54E-03	0.005546	2.04E-03	6.66E-06	3.94E-03	5.99E-03	1.94E-03	8.45E-06	7.56E-03	9.51E-03
2723	490360.04, 3859210.04	0.15346	0.09961	0.14455	2.35E-03	7.25E-06	3.88E-03	0.006239	2.41E-03	7.14E-06	4.31E-03	6.73E-03	2.29E-03	9.06E-06	8.28E-03	1.06E-02
2724	490410.04, 3859210.04	0.15177	0.09948	0.14392	2.33E-03	7.24E-06	3.86E-03	0.006196	2.38E-03	7.13E-06	4.29E-03	6.68E-03	2.26E-03	9.05E-06	8.24E-03	1.05E-02
2725	490460.04, 3859210.04	0.14857	0.09887	0.14309	2.28E-03	7.20E-06	3.84E-03	0.006125	2.33E-03	7.08E-06	4.27E-03	6.61E-03	2.21E-03	8.99E-06	8.20E-03	1.04E-02
2726	490510.04, 3859210.04	0.14587	0.09789	0.14061	2.24E-03	7.13E-06	3.77E-03	0.006017	2.29E-03	7.01E-06	4.19E-03	6.49E-03	2.17E-03	8.90E-06	8.05E-03	1.02E-02
2727	490560.04, 3859210.04	0.14378	0.09725	0.13942	2.21E-03	7.08E-06	3.74E-03	0.005953	2.25E-03	6.97E-06	4.16E-03	6.42E-03	2.14E-03	8.85E-06	7.99E-03	1.01E-02
2728	490610.04, 3859210.04	0.14097	0.09634	0.13783	2.16E-03	7.01E-06	3.70E-03	0.005867	2.21E-03	6.90E-06	4.11E-03	6.33E-03	2.10E-03	8.76E-06	7.90E-03	1.00E-02
2729	490660.04, 3859210.04	0.13687	0.09492	0.13548	2.10E-03	6.91E-06	3.63E-03	0.005741	2.15E-03	6.80E-06	4.04E-03	6.19E-03	2.04E-03	8.63E-06	7.76E-03	9.81E-03
2730	490710.04, 3859210.04	0.1342	0.0939	0.13379	2.06E-03	6.84E-06	3.59E-03	0.005654	2.10E-03	6.73E-06	3.99E-03	6.10E-03	2.00E-03	8.54E-06	7.66E-03	9.67E-03
2731	490760.04, 3859210.04	0.13041	0.09216	0.13097	2.00E-03	6.71E-06	3.51E-03	0.005521	2.04E-03	6.60E-06	3.91E-03	5.96E-03	1.94E-03	8.38E-06	7.50E-03	9.45E-03
2732	490810.04, 3859210.04	0.12942	0.09172	0.13015	1.99E-03	6.68E-06	3.49E-03	0.005483	2.03E-03	6.57E-06	3.88E-03	5.92E-03	1.93E-03	8.34E-06	7.46E-03	9.39E-03
2733	490860.04, 3859210.04	0.12827	0.09124	0.12921	1.97E-03	6.64E-06	3.47E-03	0.00544	2.01E-03	6.54E-06	3.85E-03	5.87E-03	1.91E-03	8.30E-06	7.40E-03	9.32E-03
2734	490360.04, 3859260.04	0.14668	0.09608	0.13875	2.25E-03	6.99E-06	3.72E-03	0.005979	2.30E-03	6.88E-06	4.14E-03	6.45E-03	2.19E-03	8.74E-06	7.95E-03	1.01E-02
2735	490410.04, 3859260.04	0.145	0.09604	0.13824	2.23E-03	6.99E-06	3.71E-03	0.00594	2.27E-03	6.88E-06	4.12E-03	6.40E-03	2.16E-03	8.74E-06	7.92E-03	1.01E-02
2736	490460.04, 3859260.04	0.14348	0.09592	0.13767	2.20E-03	6.98E-06	3.69E-03	0.005901	2.25E-03	6.87E-06	4.11E-03	6.36E-03	2.14E-03	8.73E-06	7.89E-03	1.00E-02
2737	490510.04, 3859260.04	0.14187	0.09547	0.13705	2.18E-03	6.95E-06	3.68E-03	0.00586	2.22E-03	6.84E-06	4.09E-03	6.32E-03	2.11E-03	8.68E-06	7.85E-03	9.97E-03
2738	490560.04, 3859260.04	0.13959	0.09471	0.13495	2.14E-03	6.89E-06	3.62E-03	0.005768	2.19E-03	6.79E-06	4.03E-03	6.22E-03	2.08E-03	8.62E-06	7.73E-03	9.82E-03
2739	490610.04, 3859260.04	0.13634	0.09379	0.13322	2.09E-03	6.83E-06	3.57E-03	0.005672	2.14E-03	6.72E-06	3.97E-03	6.12E-03	2.03E-03	8.53E-06	7.63E-03	9.67E-03
2740	490660.04, 3859260.04	0.13524	0.09336	0.13247	2.08E-03	6.80E-06	3.55E-03	0.005635	2.12E-03	6.69E-06	3.95E-03	6.08E-03	2.01E-03	8.49E-06	7.59E-03	9.61E-03

2741	490710.04, 3859260.04	0.13314	0.09267	0.13129	2.04E-03	6.75E-06	3.52E-03	0.005571	2.09E-03	6.64E-06	3.92E-03	6.01E-03	1.98E-03	8.43E-06	7.52E-03	9.51E-03
2742	490760.04, 3859260.04	0.12958	0.09123	0.12897	1.99E-03	6.64E-06	3.46E-03	0.005454	2.03E-03	6.54E-06	3.85E-03	5.89E-03	1.93E-03	8.30E-06	7.39E-03	9.33E-03
2743	490810.04, 3859260.04	0.12823	0.09062	0.12796	1.97E-03	6.60E-06	3.43E-03	0.005406	2.01E-03	6.49E-06	3.82E-03	5.83E-03	1.91E-03	8.24E-06	7.33E-03	9.25E-03
2744	490860.04, 3859260.04	0.12685	0.09001	0.12692	1.95E-03	6.55E-06	3.40E-03	0.005357	1.99E-03	6.45E-06	3.79E-03	5.78E-03	1.89E-03	8.19E-06	7.27E-03	9.17E-03
2745	490360.04, 3859310.04	0.14083	0.09249	0.13302	2.16E-03	6.73E-06	3.57E-03	0.005735	2.21E-03	6.63E-06	3.97E-03	6.18E-03	2.10E-03	8.41E-06	7.62E-03	9.73E-03
2746	490410.04, 3859310.04	0.13941	0.09263	0.13281	2.14E-03	6.74E-06	3.56E-03	0.005708	2.19E-03	6.64E-06	3.96E-03	6.15E-03	2.08E-03	8.43E-06	7.61E-03	9.69E-03
2747	490460.04, 3859310.04	0.13804	0.09264	0.13238	2.12E-03	6.74E-06	3.55E-03	0.005675	2.16E-03	6.64E-06	3.95E-03	6.12E-03	2.06E-03	8.43E-06	7.58E-03	9.65E-03
2748	490510.04, 3859310.04	0.13684	0.09258	0.13191	2.10E-03	6.74E-06	3.54E-03	0.005644	2.15E-03	6.63E-06	3.94E-03	6.09E-03	2.04E-03	8.42E-06	7.56E-03	9.60E-03
2749	490560.04, 3859310.04	0.13548	0.0922	0.13139	2.08E-03	6.71E-06	3.52E-03	0.00561	2.12E-03	6.61E-06	3.92E-03	6.05E-03	2.02E-03	8.39E-06	7.53E-03	9.55E-03
2750	490610.04, 3859310.04	0.13425	0.092	0.13085	2.06E-03	6.70E-06	3.51E-03	0.005576	2.10E-03	6.59E-06	3.90E-03	6.02E-03	2.00E-03	8.37E-06	7.50E-03	9.50E-03
2751	490660.04, 3859310.04	0.13263	0.09134	0.12896	2.04E-03	6.65E-06	3.46E-03	0.005501	2.08E-03	6.54E-06	3.85E-03	5.93E-03	1.98E-03	8.31E-06	7.39E-03	9.37E-03
2752	490710.04, 3859310.04	0.12969	0.09047	0.12736	1.99E-03	6.59E-06	3.42E-03	0.005413	2.03E-03	6.48E-06	3.80E-03	5.84E-03	1.93E-03	8.23E-06	7.30E-03	9.24E-03
2753	490760.04, 3859310.04	0.12769	0.08975	0.12615	1.96E-03	6.53E-06	3.38E-03	0.005349	2.00E-03	6.43E-06	3.76E-03	5.77E-03	1.90E-03	8.16E-06	7.23E-03	9.14E-03
2754	490810.04, 3859310.04	0.12638	0.0892	0.12524	1.94E-03	6.49E-06	3.36E-03	0.005305	1.98E-03	6.39E-06	3.74E-03	5.72E-03	1.88E-03	8.11E-06	7.17E-03	9.07E-03
2755	490860.04, 3859310.04	0.12443	0.08839	0.12395	1.91E-03	6.43E-06	3.32E-03	0.00524	1.95E-03	6.33E-06	3.70E-03	5.66E-03	1.85E-03	8.04E-06	7.10E-03	8.96E-03
2756	490360.04, 3859360.04	0.1352	0.08886	0.12738	2.07E-03	6.47E-06	3.42E-03	0.005498	2.12E-03	6.37E-06	3.80E-03	5.93E-03	2.01E-03	8.08E-06	7.30E-03	9.32E-03
2757	490410.04, 3859360.04	0.13428	0.08911	0.12731	2.06E-03	6.49E-06	3.41E-03	0.005482	2.11E-03	6.38E-06	3.80E-03	5.91E-03	2.00E-03	8.11E-06	7.29E-03	9.30E-03
2758	490460.04, 3859360.04	0.13335	0.08928	0.12715	2.05E-03	6.50E-06	3.41E-03	0.005463	2.09E-03	6.40E-06	3.79E-03	5.89E-03	1.99E-03	8.12E-06	7.28E-03	9.28E-03
2759	490510.04, 3859360.04	0.13236	0.08938	0.12692	2.03E-03	6.51E-06	3.40E-03	0.005442	2.08E-03	6.40E-06	3.79E-03	5.87E-03	1.97E-03	8.13E-06	7.27E-03	9.25E-03
2760	490560.04, 3859360.04	0.13107	0.08941	0.12656	2.01E-03	6.51E-06	3.39E-03	0.005412	2.06E-03	6.41E-06	3.78E-03	5.84E-03	1.95E-03	8.13E-06	7.25E-03	9.21E-03
2761	490610.04, 3859360.04	0.1297	0.08934	0.12611	1.99E-03	6.50E-06	3.38E-03	0.005379	2.03E-03	6.40E-06	3.76E-03	5.80E-03	1.93E-03	8.13E-06	7.22E-03	9.16E-03
2762	490660.04, 3859360.04	0.12845	0.08894	0.12563	1.97E-03	6.47E-06	3.37E-03	0.005347	2.01E-03	6.37E-06	3.75E-03	5.77E-03	1.91E-03	8.09E-06	7.20E-03	9.12E-03
2763	490710.04, 3859360.04	0.12668	0.08834	0.1238	1.94E-03	6.43E-06	3.32E-03	0.005271	1.99E-03	6.33E-06	3.69E-03	5.69E-03	1.89E-03	8.04E-06	7.09E-03	8.99E-03
2764	490760.04, 3859360.04	0.12466	0.08774	0.12264	1.91E-03	6.39E-06	3.29E-03	0.005209	1.95E-03	6.29E-06	3.66E-03	5.62E-03	1.86E-03	7.98E-06	7.03E-03	8.89E-03
2765	490810.04, 3859360.04	0.12391	0.08743	0.12209	1.90E-03	6.36E-06	3.27E-03	0.005182	1.94E-03	6.26E-06	3.64E-03	5.59E-03	1.85E-03	7.95E-06	6.99E-03	8.85E-03
2766	490860.04, 3859360.04	0.12243	0.08687	0.12115	1.88E-03	6.32E-06	3.25E-03	0.005134	1.92E-03	6.22E-06	3.61E-03	5.54E-03	1.82E-03	7.90E-06	6.94E-03	8.77E-03
2767	490360.04, 3859410.04	0.12966	0.08521	0.12179	1.99E-03	6.20E-06	3.27E-03	0.005262	2.03E-03	6.11E-06	3.63E-03	5.67E-03	1.93E-03	7.75E-06	6.98E-03	8.92E-03
2768	490410.04, 3859410.04	0.12901	0.08556	0.12188	1.98E-03	6.23E-06	3.27E-03	0.005255	2.02E-03	6.13E-06	3.64E-03	5.66E-03	1.92E-03	7.78E-06	6.98E-03	8.91E-03
2769	490460.04, 3859410.04	0.12832	0.08585	0.12189	1.97E-03	6.25E-06	3.27E-03	0.005244	2.01E-03	6.15E-06	3.64E-03	5.65E-03	1.91E-03	7.81E-06	6.98E-03	8.90E-03
2770	490510.04, 3859410.04	0.12754	0.08609	0.12185	1.96E-03	6.27E-06	3.27E-03	0.005231	2.00E-03	6.17E-06	3.64E-03	5.64E-03	1.90E-03	7.83E-06	6.98E-03	8.89E-03
2771	490560.04, 3859410.04	0.12672	0.08625	0.12173	1.94E-03	6.28E-06	3.26E-03	0.005216	1.99E-03	6.18E-06	3.63E-03	5.62E-03	1.89E-03	7.85E-06	6.97E-03	8.87E-03
2772	490610.04, 3859410.04	0.1258	0.08635	0.12153	1.93E-03	6.29E-06	3.26E-03	0.005196	1.97E-03	6.19E-06	3.63E-03	5.60E-03	1.87E-03	7.85E-06	6.96E-03	8.84E-03
2773	490660.04, 3859410.04	0.1245	0.08636	0.12118	1.91E-03	6.29E-06	3.25E-03	0.005167	1.95E-03	6.19E-06	3.62E-03	5.57E-03	1.85E-03	7.86E-06	6.94E-03	8.80E-03
2774	490710.04, 3859410.04	0.12321	0.08605	0.12077	1.89E-03	6.26E-06	3.24E-03	0.005136	1.93E-03	6.17E-06	3.60E-03	5.54E-03	1.84E-03	7.83E-06	6.92E-03	8.76E-03
2775	490760.04, 3859410.04	0.1215	0.08557	0.11915	1.86E-03	6.23E-06	3.20E-03	0.005066	1.91E-03	6.13E-06	3.55E-03	5.47E-03	1.81E-03	7.78E-06	6.83E-03	8.64E-03
2776	490810.04, 3859410.04	0.1207	0.08531	0.11858	1.85E-03	6.21E-06	3.18E-03	0.005039	1.89E-03	6.11E-06	3.54E-03	5.44E-03	1.80E-03	7.76E-06	6.79E-03	8.60E-03
2777	490860.04, 3859410.04	0.12016	0.08511	0.11816	1.84E-03	6.20E-06	3.17E-03	0.005019	1.88E-03	6.10E-06	3.52E-03	5.42E-03	1.79E-03	7.74E-06	6.77E-03	8.57E-03
2778	490360.04, 3859460.04	0.12419	0.08165	0.11637	1.91E-03	5.94E-06	3.12E-03	0.005033	1.95E-03	5.85E-06	3.47E-03	5.42E-03	1.85E-03	7.43E-06	6.67E-03	8.52E-03
2779	490410.04, 3859460.04	0.12373	0.08211	0.11666	1.90E-03	5.98E-06	3.13E-03	0.005034	1.94E-03	5.88E-06	3.48E-03	5.43E-03	1.84E-03	7.47E-06	6.68E-03	8.53E-03
2780	490460.04, 3859460.04	0.12322	0.08247	0.1168	1.89E-03	6.00E-06	3.13E-03	0.005029	1.93E-03	5.91E-06	3.48E-03	5.42E-03	1.84E-03	7.50E-06	6.69E-03	8.53E-03
2781	490510.04, 3859460.04	0.12267	0.0828	0.11689	1.88E-03	6.03E-06	3.14E-03	0.005023	1.92E-03	5.93E-06	3.49E-03	5.42E-03	1.83E-03	7.53E-06	6.70E-03	8.53E-03
2782	490560.04, 3859460.04	0.12207	0.08306	0.1169	1.87E-03	6.05E-06	3.14E-03	0.005015	1.91E-03	5.95E-06	3.49E-03	5.41E-03	1.82E-03	7.56E-06	6.70E-03	8.52E-03
2783	490610.04, 3859460.04	0.12134	0.08329	0.11688	1.86E-03	6.06E-06	3.13E-03	0.005003	1.90E-03	5.97E-06	3.49E-03	5.40E-03	1.81E-03	7.58E-06	6.70E-03	8.51E-03
2784	490660.04, 3859460.04	0.12048	0.08345	0.11679	1.85E-03	6.07E-06	3.13E-03	0.004987	1.89E-03	5.98E-06	3.48E-03	5.38E-03	1.79E-03	7.59E-06	6.69E-03	8.49E-03
2785	490710.04, 3859460.04	0.11969	0.08351	0.11654	1.84E-03	6.08E-06	3.13E-03	0.004968	1.88E-03	5.98E-06	3.48E-03	5.36E-03	1.78E-03	7.60E-06	6.68E-03	8.47E-03
2786	490760.04, 3859460.04	0.11871	0.0835	0.11622	1.82E-03	6.08E-06	3.12E-03	0.004945	1.86E-03	5.98E-06	3.47E-03	5.33E-03	1.77E-03	7.60E-06	6.66E-03	8.43E-03
2787	490810.04, 3859460.04	0.11767	0.08319	0.11585	1.81E-03	6.06E-06	3.11E-03	0.004919	1.84E-03	5.96E-06	3.46E-03	5.31E-03	1.75E-03	7.57E-06	6.64E-03	8.40E-03
2788	490860.04, 3859460.04	0.11705	0.08308	0.11551	1.80E-03	6.05E-06	3.10E-03	0.0049	1.84E-03	5.95E-06	3.45E-03	5.29E-03	1.74E-03	7.56E-06	6.62E-03	8.37E-03
2789	490360.04, 3859510.04	0.11883	0.07824	0.11114	1.82E-03	5.70E-06	2.98E-03	0.00481	1.86E-03	5.61E-06	3.32E-03	5.18E-03	1.77E-03	7.12E-06	6.37E-03	8.14E-03
2790	490410.04, 3859510.04	0.11858	0.07868	0.11146	1.82E-03	5.73E-06	2.99E-03	0.004815	1.86E-03	5.64E-06	3.33E-03	5.19E-03	1.77E-03	7.16E-06	6.38E-03	8.16E-03
2791	490460.04, 3859510.04	0.11825	0.07913	0.11178	1.81E-03	5.76E-06	3.00E-03	0.004818	1.85E-03	5.67E-06	3.33E-03	5.19E-03	1.76E-03	7.20E-06	6.40E-03	8.17E-03
2792	490510.04, 3859510.04	0.11787	0.07952	0.112	1.81E-03	5.79E-06	3.00E-03	0.004818	1.85E-03	5.70E-06	3.34E-03	5.20E-03	1.76E-03	7.23E-06	6.42E-03	8.18E-03
2793	490560.04, 3859510.04	0.11743	0.07987	0.11216	1.80E-03	5.81E-06	3.01E-03	0.004816	1.84E-03	5.72E-06	3.35E-03	5.19E-03	1.75E-03	7.27E-06	6.43E-03	8.18E-03
2794	490610.04, 3859510.04	0.11694	0.08019	0.11228	1.79E-03	5.84E-06	3.01E-03	0.004812	1.83E-03	5.75E-06	3.35E-03	5.19E-03	1.74E-03	7.29E-06	6.43E-03	8.18E-03
2795	490660.04, 3859510.04	0.11636	0.08045	0.11231	1.79E-03	5.86E-06	3.01E-03	0.004804	1.82E-03	5.76E-06	3.35E-03	5.18E-03	1.73E-03	7.32E-06	6.43E-03	8.17E-03
2796	490710.04, 3859510.04	0.11569	0.08065	0.11228	1.78E-03	5.87E-06	3.01E-03	0.004793	1.81E-03	5.78E-06	3.35E-03	5.17E-03	1.72E-03	7.34E-06	6.43E-03	8.16E-03
2797	490760.04, 3859510.04	0.11498	0.08077	0.11215	1.76E-03	5.88E-06	3.01E-03	0.004778	1.80E-03	5.79E-06	3.35E-03	5.15E-03	1.71E-03	7.35E-06	6.42E-03	8.14E-03
2798	490810.04, 3859510.04	0.11434	0.08082	0.11191	1.75E-03	5.88E-06	3.00E-03	0.004762	1.79E-03	5.79E-06	3.34E-03	5.14E-03	1.70E-03	7.35E-06	6.41E-03	8.12E-03
2799	490860.04, 3859510.04	0.11358	0.08081	0.11164	1.74E-03	5.88E-06	2.99E-03	0.004743	1.78E-03	5.79E-06	3.33E-03	5.12E-03	1.69E-03	7.35E-06	6.40E-03	8.09E-03
2800	490360.04, 3859560.04	0.11344	0.07498	0.10604	1.74E-03	5.46E-06	2.84E-03	0.00459	1.78E-03	5.37E-06	3.16E-03	4.95E-03	1.69E-03	6.82E-06	6.07E-03	7.77E-03
2801	490410.04, 3859560.04	0.11344	0.07542	0.10645	1.74E-03	5.49E-06	2.86E-03	0.004601	1.78E-03	5.40E-06	3.18E-03	4.96E-03	1.69E-03	6.86E-06	6.10E-03	7.79E-03
2802	490460.04, 3859560.04	0.11335	0.07587	0.10684	1.74E-03	5.52E-06	2.87E-03	0.00461	1.78E-03	5.44E-06	3.19E-03	4.97E-03	1.69E-03	6.90E-06	6.12E-03	7.82E-03
2803	490510.04, 3859560.04	0.11315	0.07635	0.10726	1.74E-03	5.56E-06	2.88E-03	0.004619	1.77E-03	5.47E-06	3.20E-03	4.98E-03	1.69E-03	6.94E-06	6.14E-03	7.84E-03
2804	490560.04, 3859560.04	0.11288	0.07672	0.10748	1.73E-03	5.58E-06	2.88E-03	0.00462	1.77E-03	5.50E-06	3.21E-03	4.98E-03	1.68E-03	6.98E-06	6.16E-03	7.85E-03
2805	490610.04, 3859560.04	0.11255	0.07711	0.10772	1.73E-03	5.61E-06	2.89E-03	0.004622	1.76E-03	5.53E-06	3.21E-03	4.98E-03	1.68E-03	7.01E-06	6.17E-03	7.85E-03
2806	490660.04, 3859560.04	0.11217	0.07744	0.10789	1.72E-03	5.64E-06	2.89E-03	0.004621	1.76E-03	5.55E-06	3.22E-03	4.98E-03	1.67E-03	7.04E-06	6.18E-03	7.86E-03
2807	490710.04, 3859560.04	0.11171	0.07774	0.108	1.71E-03	5.66E-06	2.90E-03	0.004616	1.75E-03	5.57E-06	3.22E-03	4.98E-03	1.66E-03	7.07E-06	6.19E-03	7.86E-03
2808	490760.04, 3859560.04	0.11112	0.07799	0.10806	1.71E-03	5.68E-06	2.90E-03	0.004609	1.74E-03	5.59E-06	3.22E-03	4.97E-03	1.66E-03	7.09E-06	6.19E-03	7.85E-03
2809	490810.04, 3859560.04	0.11053	0.07814	0.108	1.70E-03	5.69E-06	2.90E-03	0.004598	1.73E-03	5.60E-06	3.22E-03	4.96E-03	1.65E-03	7.11E-06	6.19E-03	7.84E-03
2810	490860.04, 3859560.04	0.10987	0.07824	0.10782	1.69E-03	5.70E-06	2.89E-03	0.004583	1.72E-03	5.61E-06	3.22E-03	4.94E-03	1.64E-03	7.12E-06	6.18E-03	7.82E-03
2811	490187.25, 3859422.08	0.12993	0.08273	0.11946	1.99E-03	6.02E-06	3.20E-03	0.005204	2.04E-03	5.93E-06	3.56E-03	5.61E-03	1.94E-03	7.53E-06	6.84E-03	8.79E-03
2812	490237.25, 3859422.08	0.12957	0.08324	0.11984	1.99E-03	6.06E-06	3.21E-03	0.005209	2.03E-03	5.96E-06	3.58E-03	5.61E-03	1.93E-03	7.57E-06	6.87E-03	8.80E-03
2813	490287.25, 3859422.08	0.12911	0.08371	0.12014	1.98E-03	6.09E-06	3.22E-03	0.00521	2.02E-03	6.00E-06	3.58E-03	5.61E-03	1.92E-03	7.61E-06	6.88E-03	8.81E-03
2814	490337.25, 3859422.08	0.12857	0.08418	0.12043	1.97E-03	6.13E-06	3.23E-03	0.005209	2.02E-03	6.03E-06	3.59E-03	5.61E-03	1.92E-03	7.66E-06	6.90E-03	8.82E-03
2815	490187.25, 3859472.08	0.12363	0.07921	0.1138	1.90E-03	5.77E-06	3.05E-03	0.004955	1.94E-03	5.68E-06	3.39E-03	5.34E-03	1.84E-03	7.21E-06	6.52E-03	8.37E-03
2816	490237.25, 3859472.08	0.12354	0.07967	0.11422	1.90E-03	5.80E-06	3.06E-03	0.004965	1.94E-03	5.71E-06	3.41E-03	5.35E-03	1.84E-03	7.25E-06	6.54E-03	8.39E-03
2817	490287.25, 3859472.08	0.12337	0.0802	0.11471	1.89E-03	5.84E-06	3.08E-03	0.004976	1.93E-03	5.75E-06	3.42E-03	5.36E-03	1.84E-03	7.30E-06	6.57E-03	8.42E-03
2818	490337.25, 3859472.08	0.12306	0.08063	0.11498	1.89E-03	5.87E-06	3.08E-03	0.004978	1.93E-03	5.78E-06	3.43E-03	5.37E-03	1.83E-03	7.33E-06	6.59E-03	8.43E-03
2819	490297.07, 3859500.42	0.12011	0.07834	0.11172	1.84E-03	5.70E-06	3.00E-03	0.004845	1.88E-03	5.61E-06	3.33E-03	5.22E-03	1.79E-03	7.13E-06	6.40E-03	8.20E-03
2820	490327.07, 3859500.42	0.11998	0.07856	0.11185	1.84E-03	5.72E-06	3.00E-03	0.004847	1.88E-03	5.63E-06	3.34E-03	5.22E-03	1.79E-03	7.15E-06	6.41E-03	8.20E-03
2821	490297.07, 3859530.42	0.11664	0.07629	0.10845	1.79E-03	5.55E-06	2.91E-03	0.004704	1.83E-03	5.47E-06	3.24E-03	5.07E-03	1.74E-03	6.94E-06	6.21E-03	7.96E-03
2822	490327.07, 3859530.42	0.11665	0.07657	0.10874	1.79E-03	5.57E-06	2.92E-03	0.004712	1.83E-03	5.49E-06	3.24E-03	5.08E-03	1.74E-03	6.96E-06	6.23E-03	7.97E-03
2823	490319.73, 3859055.34	0.17797	0.11112	0.16488	2.73E-03	8.09E-06	4.42E-03	0.007161	2.79E-03	7.96E-06	4.92E-03	7.72E-03	2.65E-03	1.01E-05	9.45E-03	1.21E-02
2824	490319.73, 3859105.34	0.1702	0.10734	0.15815	2.61E-03	7.81E-06	4.24E-03	0.006861	2.67E-03	7.69E-06	4.72E-03	7.39E-03	2.54E-03	9.76E-06	9.06E-03	1.16E-02
2825	490069.73, 3859155.34	0.17168	0.10344	0.1539	2.63E-03	7.53E-06	4.13E-03	0.00677	2.69E-03	7.41E-06	4.59E-03	7.29E-03	2.56E-03	9.41E-06	8.82E-03	1.14E-02
2826	490119.73, 3859155.34	0.17006	0.10355	0.15346	2.61E-03	7.54E-06	4.12E-03	0.006733	2.67E-03	7.42E-06	4.58E-03	7.25E-03	2.53E-03	9.42E-06	8.79E-03	1.13E-02
2827	490269.73, 3859155.34	0.16507	0.10359	0.152	2.53E-03	7.54E-06	4.08E-03	0.006617	2.59E-03	7.42E-06	4.53E-03	7.13E-03	2.46E-03	9.42E-06	8.71E-03	1.12E-02
2828	490319.73, 3859155.34	0.16292	0.10361	0.15163	2.50E-03	7.54E-06	4.07E-03	0.006574	2.55E-03	7.42E-06	4.52E-03	7.09E-03	2.43E-03	9.42E-06	8.69E-03	1.11E-02
2829	490069.73, 3859205.34	0.16314	0.09901	0.14659	2.50E-03	7.21E-06	3.93E-03	0.006442	2.56E-03	7.09E-06	4.37E-03	6.94E-03	2.43E-03	9.01E-06	8.40E-03	1.08E-02
2830	490119.73, 3859205.34	0.16193	0.09914	0.14614	2.48E-03	7.22E-06	3.92E-03	0.006412	2.54E-03	7.10E-06	4.36E-03	6.91E-03	2.41E-03	9.02E-06	8.37E-03	1.08E-02
2831	490169.73, 3859205.34	0.16061	0.09937	0.14592	2.46E-03	7.23E-06	3.91E-03	0.006385	2.52E-03	7.12E-06	4.35E-03	6.88E-03	2.39E-03	9.04E-06	8.36E-03	1.08E-02
2832	490219.73, 3859205.34	0.15909	0.09966	0.14588	2.44E-03	7.25E-06	3.91E-03	0.006361	2.49E-03	7.14E-06	4.35E-03	6.85E-03	2.37E-03	9.07E-06	8.36E-03	1.07E-02
2833	490269.73, 3859205.34	0.15727	0.09992	0.14584	2.41E-03	7.27E-06	3.91E-03	0.006332	2.47E-03	7.16E-06	4.35E-03	6.82E-03	2.34E-03	9.09E-06	8.35E-03	1.07E-02
2834	490319.73, 3859205.34	0.15566	0.09995	0.14544	2.39E-03	7.28E-06	3.90E-03	0.006297	2.44E-03	7.16E-06	4.34E-03	6.79E-03	2.32E-03	9.09E-06	8.33E-03	1.07E-02
2835	490069.73, 3859255.34	0.1549	0.09482	0.13987	2.38E-03	6.90E-06	3.75E-03	0.006135	2.43E-03	6.79E-06	4.17E-03	6.61E-03	2.31E-03	8.63E-06	8.01E-03	1.03E-02
2836	490119.73, 3859255.34	0.15393	0.09508	0.13963	2.36E-03	6.92E-06	3.74E-03	0.006114	2.41E-03	6.81E-06	4.17E-03	6.59E-03	2.29E-03	8.65E-06	8.00E-03	1.03E-02
2837	490169.73, 3859255.34	0.15288	0.09539	0.13952	2.35E-03	6.94E-06	3.74E-03	0.006095	2.40E-03	6.83E-06	4.16E-03	6.57E-03	2.28E-03	8.68E-06	7.99E-03	1.03E-02
2838	490219.73, 3859255.34	0.15166	0.09578	0.1396	2.33E-03	6.97E-06	3.74E-03	0.006078	2.38E-03	6.86E-06	4.16E-03	6.55E-03	2.26E-03	8.71E-06	8.00E-03	1.03E-02

2839	490269.73, 3859255.34	0.15031	0.0961	0.13961	2.31E-03	7.00E-06	3.74E-03	0.006058	2.36E-03	6.89E-06	4.16E-03	6.53E-03	2.24E-03	8.74E-06	8.00E-03	1.02E-02
2840	490319.73, 3859255.34	0.14896	0.09627	0.1394	2.29E-03	7.01E-06	3.74E-03	0.006032	2.34E-03	6.90E-06	4.16E-03	6.50E-03	2.22E-03	8.76E-06	7.99E-03	1.02E-02
2841	490069.73, 3859305.34	0.14719	0.09074	0.13339	2.26E-03	6.61E-06	3.58E-03	0.005843	2.31E-03	6.50E-06	3.98E-03	6.29E-03	2.19E-03	8.25E-06	7.64E-03	9.84E-03
2842	490119.73, 3859305.34	0.14644	0.09106	0.13326	2.25E-03	6.63E-06	3.57E-03	0.005828	2.30E-03	6.52E-06	3.98E-03	6.28E-03	2.18E-03	8.28E-06	7.63E-03	9.82E-03
2843	490169.73, 3859305.34	0.14561	0.09144	0.13329	2.23E-03	6.66E-06	3.57E-03	0.005816	2.28E-03	6.55E-06	3.98E-03	6.27E-03	2.17E-03	8.32E-06	7.64E-03	9.81E-03
2844	490219.73, 3859305.34	0.14469	0.09188	0.13344	2.22E-03	6.69E-06	3.58E-03	0.005806	2.27E-03	6.58E-06	3.98E-03	6.26E-03	2.16E-03	8.36E-06	7.64E-03	9.81E-03
2845	490269.73, 3859305.34	0.14369	0.09226	0.13352	2.20E-03	6.72E-06	3.58E-03	0.005793	2.25E-03	6.61E-06	3.98E-03	6.24E-03	2.14E-03	8.39E-06	7.65E-03	9.80E-03
2846	490319.73, 3859305.34	0.14251	0.09262	0.13359	2.19E-03	6.74E-06	3.58E-03	0.005777	2.23E-03	6.64E-06	3.99E-03	6.23E-03	2.12E-03	8.42E-06	7.65E-03	9.78E-03
2847	490069.73, 3859355.34	0.1399	0.08671	0.12692	2.15E-03	6.31E-06	3.40E-03	0.005557	2.19E-03	6.21E-06	3.79E-03	5.99E-03	2.08E-03	7.89E-06	7.27E-03	9.36E-03
2848	490119.73, 3859355.34	0.13936	0.08707	0.12695	2.14E-03	6.34E-06	3.40E-03	0.00555	2.19E-03	6.24E-06	3.79E-03	5.98E-03	2.08E-03	7.92E-06	7.27E-03	9.36E-03
2849	490169.73, 3859355.34	0.13877	0.08752	0.12714	2.13E-03	6.37E-06	3.41E-03	0.005546	2.18E-03	6.27E-06	3.79E-03	5.97E-03	2.07E-03	7.96E-06	7.28E-03	9.36E-03
2850	490219.73, 3859355.34	0.13808	0.08803	0.12745	2.12E-03	6.41E-06	3.42E-03	0.005544	2.16E-03	6.31E-06	3.80E-03	5.97E-03	2.06E-03	8.01E-06	7.30E-03	9.37E-03
2851	490269.73, 3859355.34	0.13735	0.08846	0.12762	2.11E-03	6.44E-06	3.42E-03	0.005537	2.15E-03	6.34E-06	3.81E-03	5.97E-03	2.05E-03	8.05E-06	7.31E-03	9.36E-03
2852	490319.73, 3859355.34	0.1365	0.08889	0.12781	2.09E-03	6.47E-06	3.43E-03	0.005529	2.14E-03	6.37E-06	3.81E-03	5.96E-03	2.03E-03	8.09E-06	7.32E-03	9.36E-03
2853	490069.73, 3859405.34	0.13277	0.08289	0.12065	2.04E-03	6.03E-06	3.24E-03	0.005279	2.08E-03	5.94E-06	3.60E-03	5.69E-03	1.98E-03	7.54E-06	6.91E-03	8.90E-03
2854	490119.73, 3859405.34	0.13249	0.08329	0.1209	2.03E-03	6.06E-06	3.24E-03	0.005282	2.08E-03	5.97E-06	3.61E-03	5.69E-03	1.97E-03	7.58E-06	6.93E-03	8.91E-03
2855	490169.73, 3859405.34	0.13219	0.08378	0.12127	2.03E-03	6.10E-06	3.25E-03	0.005287	2.07E-03	6.00E-06	3.62E-03	5.70E-03	1.97E-03	7.62E-06	6.95E-03	8.92E-03
2856	490219.73, 3859405.34	0.13178	0.08427	0.1216	2.02E-03	6.13E-06	3.26E-03	0.00529	2.07E-03	6.04E-06	3.63E-03	5.70E-03	1.96E-03	7.67E-06	6.97E-03	8.94E-03
2857	490269.73, 3859405.34	0.13125	0.08479	0.12196	2.01E-03	6.17E-06	3.27E-03	0.005291	2.06E-03	6.08E-06	3.64E-03	5.70E-03	1.96E-03	7.71E-06	6.99E-03	8.95E-03
2858	490319.73, 3859405.34	0.13066	0.08526	0.12224	2.01E-03	6.21E-06	3.28E-03	0.00529	2.05E-03	6.11E-06	3.65E-03	5.70E-03	1.95E-03	7.76E-06	7.00E-03	8.96E-03
2859	490161.89, 3859541.83	0.11506	0.07449	0.10599	1.77E-03	5.42E-06	2.84E-03	0.004614	1.80E-03	5.34E-06	3.16E-03	4.97E-03	1.71E-03	6.78E-06	6.07E-03	7.79E-03
2860	490171.89, 3859541.83	0.1151	0.07457	0.10611	1.77E-03	5.43E-06	2.85E-03	0.004618	1.80E-03	5.34E-06	3.17E-03	4.98E-03	1.71E-03	6.78E-06	6.08E-03	7.80E-03
2861	490161.89, 3859551.83	0.11388	0.0739	0.10497	1.75E-03	5.38E-06	2.82E-03	0.004568	1.79E-03	5.30E-06	3.13E-03	4.92E-03	1.70E-03	6.72E-06	6.01E-03	7.72E-03
2862	490171.89, 3859551.83	0.11393	0.07397	0.10508	1.75E-03	5.38E-06	2.82E-03	0.004572	1.79E-03	5.30E-06	3.13E-03	4.93E-03	1.70E-03	6.73E-06	6.02E-03	7.72E-03
2863	489799.72, 3859348.21	0.1426	0.08512	0.12609	2.19E-03	6.20E-06	3.38E-03	0.005576	2.24E-03	6.10E-06	3.76E-03	6.00E-03	2.12E-03	7.74E-06	7.22E-03	9.36E-03
2864	489819.72, 3859348.21	0.14258	0.08524	0.12626	2.19E-03	6.20E-06	3.39E-03	0.00558	2.24E-03	6.11E-06	3.77E-03	6.01E-03	2.12E-03	7.75E-06	7.23E-03	9.36E-03
2865	489799.72, 3859368.21	0.13906	0.08369	0.12336	2.13E-03	6.09E-06	3.31E-03	0.005449	2.18E-03	6.00E-06	3.68E-03	5.87E-03	2.07E-03	7.61E-06	7.07E-03	9.15E-03
2866	489819.72, 3859368.21	0.13911	0.08382	0.1236	2.13E-03	6.10E-06	3.32E-03	0.005456	2.18E-03	6.01E-06	3.69E-03	5.87E-03	2.07E-03	7.62E-06	7.08E-03	9.16E-03
2867	489775.41, 3859329.72	0.14594	0.08627	0.12834	2.24E-03	6.28E-06	3.44E-03	0.005688	2.29E-03	6.18E-06	3.83E-03	6.12E-03	2.17E-03	7.85E-06	7.35E-03	9.53E-03
2868	489795.41, 3859329.72	0.14591	0.08641	0.12853	2.24E-03	6.29E-06	3.45E-03	0.005693	2.29E-03	6.19E-06	3.83E-03	6.13E-03	2.17E-03	7.86E-06	7.36E-03	9.54E-03
2869	489775.41, 3859349.72	0.14228	0.08484	0.1256	2.18E-03	6.18E-06	3.37E-03	0.005558	2.23E-03	6.08E-06	3.75E-03	5.98E-03	2.12E-03	7.72E-06	7.19E-03	9.32E-03
2870	489795.41, 3859349.72	0.14233	0.08498	0.12584	2.18E-03	6.19E-06	3.38E-03	0.005565	2.23E-03	6.09E-06	3.75E-03	5.99E-03	2.12E-03	7.73E-06	7.21E-03	9.34E-03
2871	489595.05, 3859219.43	0.17046	0.09367	0.14343	2.62E-03	6.82E-06	3.85E-03	0.006469	2.67E-03	6.71E-06	4.28E-03	6.96E-03	2.54E-03	8.52E-06	8.22E-03	1.08E-02
2872	489615.05, 3859219.43	0.17023	0.09386	0.14372	2.61E-03	6.83E-06	3.85E-03	0.006474	2.67E-03	6.73E-06	4.29E-03	6.96E-03	2.54E-03	8.54E-06	8.23E-03	1.08E-02
2873	489595.05, 3859239.43	0.16553	0.092	0.14007	2.54E-03	6.70E-06	3.76E-03	0.006304	2.60E-03	6.59E-06	4.18E-03	6.78E-03	2.47E-03	8.37E-06	8.02E-03	1.05E-02
2874	489615.05, 3859239.43	0.16542	0.09218	0.14038	2.54E-03	6.71E-06	3.77E-03	0.00631	2.59E-03	6.60E-06	4.19E-03	6.79E-03	2.46E-03	8.38E-06	8.04E-03	1.05E-02
2875	489372.4, 3859092.58	0.21628	0.10345	0.16509	3.32E-03	7.53E-06	4.43E-03	0.007754	3.39E-03	7.41E-06	4.93E-03	8.32E-03	3.22E-03	9.41E-06	9.46E-03	1.27E-02
2876	489422.4, 3859092.58	0.21402	0.10392	0.16564	3.28E-03	7.56E-06	4.44E-03	0.007734	3.36E-03	7.45E-06	4.94E-03	8.30E-03	3.19E-03	9.45E-06	9.49E-03	1.27E-02
2877	489372.4, 3859142.58	0.19643	0.09879	0.15472	3.01E-03	7.19E-06	4.15E-03	0.007171	3.08E-03	7.08E-06	4.62E-03	7.70E-03	2.93E-03	8.99E-06	8.86E-03	1.18E-02
2878	489422.4, 3859142.58	0.19561	0.09909	0.15537	3.00E-03	7.21E-06	4.17E-03	0.007176	3.07E-03	7.10E-06	4.64E-03	7.71E-03	2.91E-03	9.01E-06	8.90E-03	1.18E-02
2879	488870.84, 3858666.64	0.57786	0.15893	0.32621	8.87E-03	1.16E-05	8.75E-03	0.017628	9.06E-03	1.14E-05	9.73E-03	1.88E-02	8.61E-03	1.45E-05	1.87E-02	2.73E-02
2880	488900.84, 3858666.64	0.55777	0.15953	0.32433	8.56E-03	1.16E-05	8.70E-03	0.017269	8.75E-03	1.14E-05	9.68E-03	1.84E-02	8.31E-03	1.45E-05	1.86E-02	2.69E-02
2881	488870.84, 3858696.64	0.60231	0.15271	0.30739	9.24E-03	1.11E-05	8.24E-03	0.017498	9.44E-03	1.09E-05	9.17E-03	1.86E-02	8.97E-03	1.39E-05	1.76E-02	2.66E-02
2882	488900.84, 3858696.64	0.57825	0.15331	0.30617	8.87E-03	1.12E-05	8.21E-03	0.017096	9.07E-03	1.10E-05	9.13E-03	1.82E-02	8.61E-03	1.39E-05	1.75E-02	2.62E-02
2883	488889.67, 3858683.97	0.57675	0.1557	0.31438	8.85E-03	1.13E-05	8.43E-03	0.017293	9.04E-03	1.12E-05	9.38E-03	1.84E-02	8.59E-03	1.42E-05	1.80E-02	2.66E-02
2884	488919.67, 3858683.97	0.55615	0.15624	0.31262	8.53E-03	1.14E-05	8.38E-03	0.01693	8.72E-03	1.12E-05	9.33E-03	1.81E-02	8.29E-03	1.42E-05	1.79E-02	2.62E-02
2885	488889.67, 3858713.97	0.60267	0.14968	0.29659	9.25E-03	1.09E-05	7.95E-03	0.017214	9.45E-03	1.07E-05	8.85E-03	1.83E-02	8.98E-03	1.36E-05	1.70E-02	2.60E-02
2886	488919.67, 3858713.97	0.57768	0.15026	0.29556	8.86E-03	1.09E-05	7.93E-03	0.016803	9.06E-03	1.08E-05	8.82E-03	1.79E-02	8.61E-03	1.37E-05	1.69E-02	2.56E-02
2887	488906.61, 3858703.33	0.57926	0.15207	0.302	8.89E-03	1.11E-05	8.10E-03	0.017	9.08E-03	1.09E-05	9.01E-03	1.81E-02	8.63E-03	1.38E-05	1.73E-02	2.59E-02
2888	488936.61, 3858703.33	0.55711	0.1527	0.30088	8.55E-03	1.11E-05	8.07E-03	0.01663	8.73E-03	1.09E-05	8.98E-03	1.77E-02	8.30E-03	1.39E-05	1.72E-02	2.55E-02
2889	488906.61, 3858733.33	0.60664	0.14645	0.2858	9.31E-03	1.07E-05	7.67E-03	0.016985	9.51E-03	1.05E-05	8.53E-03	1.80E-02	9.04E-03	1.33E-05	1.64E-02	2.54E-02
2890	488936.61, 3858733.33	0.58013	0.14696	0.28484	8.90E-03	1.07E-05	7.64E-03	0.016552	9.10E-03	1.05E-05	8.50E-03	1.76E-02	8.64E-03	1.34E-05	1.63E-02	2.50E-02
2891	488637.63, 3858467.85	0.6436	0.20558	0.55385	9.88E-03	1.50E-05	1.49E-02	0.024746	1.01E-02	1.47E-05	1.65E-02	2.66E-02	9.59E-03	1.87E-05	3.17E-02	4.13E-02
2892	488662.63, 3858467.85	0.62882	0.20584	0.54231	9.65E-03	1.50E-05	1.45E-02	0.024209	9.86E-03	1.47E-05	1.62E-02	2.61E-02	9.37E-03	1.87E-05	3.11E-02	4.05E-02
2893	488637.63, 3858492.85	0.6481	0.19784	0.52285	9.95E-03	1.44E-05	1.40E-02	0.023983	1.02E-02	1.42E-05	1.56E-02	2.58E-02	9.65E-03	1.80E-05	3.00E-02	3.96E-02
2894	488662.63, 3858492.85	0.63233	0.19827	0.51347	9.70E-03	1.44E-05	1.38E-02	0.023489	9.91E-03	1.42E-05	1.53E-02	2.52E-02	9.42E-03	1.80E-05	2.94E-02	3.89E-02
2895	488687.63, 3858492.85	0.61727	0.19878	0.50514	9.47E-03	1.45E-05	1.35E-02	0.023035	9.68E-03	1.42E-05	1.51E-02	2.48E-02	9.20E-03	1.81E-05	2.89E-02	3.82E-02
2896	488637.63, 3858517.85	0.65652	0.19031	0.49143	1.01E-02	1.39E-05	1.32E-02	0.023269	1.03E-02	1.36E-05	1.47E-02	2.50E-02	9.78E-03	1.73E-05	2.82E-02	3.79E-02
2897	488662.63, 3858517.85	0.63925	0.19088	0.4842	9.81E-03	1.39E-05	1.30E-02	0.02281	1.00E-02	1.37E-05	1.44E-02	2.45E-02	9.52E-03	1.74E-05	2.77E-02	3.73E-02
2898	488687.63, 3858517.85	0.62324	0.19137	0.477	9.56E-03	1.39E-05	1.28E-02	0.022371	9.77E-03	1.37E-05	1.42E-02	2.40E-02	9.28E-03	1.74E-05	2.73E-02	3.66E-02
2899	488194.42, 3857168.98	0.66336	0.90562	0.72871	1.02E-02	6.59E-05	1.95E-02	0.02979	1.04E-02	6.49E-05	2.17E-02	3.22E-02	9.88E-03	8.24E-05	4.17E-02	5.17E-02
2900	488244.42, 3857168.98	0.64972	0.87485	0.7124	9.97E-03	6.37E-05	1.91E-02	0.029141	1.02E-02	6.27E-05	2.13E-02	3.15E-02	9.68E-03	7.96E-05	4.08E-02	5.06E-02
2901	488294.42, 3857168.98	0.63579	0.84445	0.69637	9.76E-03	6.15E-05	1.87E-02	0.028495	9.97E-03	6.05E-05	2.08E-02	3.08E-02	9.47E-03	7.68E-05	3.99E-02	4.94E-02
2902	488244.42, 3857218.98	0.66273	0.93273	0.73029	1.02E-02	6.79E-05	1.96E-02	0.029824	1.04E-02	6.68E-05	2.18E-02	3.22E-02	9.87E-03	8.48E-05	4.18E-02	5.18E-02
2903	488294.42, 3857218.98	0.64842	0.8964	0.71338	9.95E-03	6.53E-05	1.91E-02	0.029149	1.02E-02	6.42E-05	2.13E-02	3.15E-02	9.66E-03	8.15E-05	4.09E-02	5.06E-02
2904	488294.42, 3857268.98	0.66137	0.93977	0.73097	1.01E-02	6.84E-05	1.96E-02	0.029822	1.04E-02	6.73E-05	2.18E-02	3.22E-02	9.85E-03	8.55E-05	4.19E-02	5.18E-02
2905	488139.13, 3857111.68	0.66308	0.8519	0.72553	1.02E-02	6.20E-05	1.95E-02	0.029696	1.04E-02	6.10E-05	2.16E-02	3.21E-02	9.88E-03	7.75E-05	4.16E-02	5.15E-02
2906	488189.13, 3857111.68	0.64998	0.82805	0.70984	9.97E-03	6.03E-05	1.90E-02	0.029073	1.02E-02	5.93E-05	2.12E-02	3.14E-02	9.68E-03	7.53E-05	4.07E-02	5.04E-02
2907	488189.13, 3857161.68	0.66296	0.89895	0.7278	1.02E-02	6.54E-05	1.95E-02	0.029759	1.04E-02	6.44E-05	2.17E-02	3.22E-02	9.88E-03	8.18E-05	4.17E-02	5.16E-02
2908	487951.04, 3856961.26	0.66883	0.63073	0.71836	1.03E-02	4.59E-05	1.93E-02	0.029576	1.05E-02	4.52E-05	2.14E-02	3.20E-02	9.96E-03	5.74E-05	4.12E-02	5.12E-02
2909	488001.04, 3856961.26	0.65531	0.62918	0.70381	1.01E-02	4.58E-05	1.89E-02	0.028978	1.03E-02	4.51E-05	2.10E-02	3.13E-02	9.76E-03	5.72E-05	4.03E-02	5.01E-02
2910	488051.04, 3856961.26	0.64098	0.62424	0.68833	9.84E-03	4.54E-05	1.85E-02	0.028343	1.00E-02	4.47E-05	2.05E-02	3.06E-02	9.55E-03	5.68E-05	3.94E-02	4.90E-02
2911	488101.04, 3856961.26	0.63028	0.62263	0.67683	9.67E-03	4.53E-05	1.82E-02	0.02787	9.88E-03	4.46E-05	2.02E-02	3.01E-02	9.39E-03	5.66E-05	3.88E-02	4.82E-02
2912	487951.04, 3857011.26	0.6874	0.72339	0.74097	1.05E-02	5.27E-05	1.99E-02	0.030474	1.08E-02	5.18E-05	2.21E-02	3.29E-02	1.02E-02	6.58E-05	4.24E-02	5.28E-02
2913	488001.04, 3857011.26	0.67125	0.71377	0.72343	1.03E-02	5.20E-05	1.94E-02	0.029755	1.05E-02	5.11E-05	2.16E-02	3.22E-02	1.00E-02	6.49E-05	4.14E-02	5.15E-02
2914	488051.04, 3857011.26	0.65623	0.70378	0.70718	1.01E-02	5.12E-05	1.90E-02	0.029088	1.03E-02	5.04E-05	2.11E-02	3.14E-02	9.78E-03	6.40E-05	4.05E-02	5.04E-02
2915	488101.04, 3857011.26	0.64478	0.70557	0.69478	9.89E-03	5.14E-05	1.86E-02	0.02858	1.01E-02	5.06E-05	2.07E-02	3.09E-02	9.61E-03	6.42E-05	3.98E-02	4.95E-02
2916	488001.04, 3857061.26	0.68833	0.80899	0.74476	1.06E-02	5.89E-05	2.00E-02	0.030596	1.08E-02	5.80E-05	2.22E-02	3.31E-02	1.03E-02	7.36E-05	4.27E-02	5.30E-02
2917	488051.04, 3857061.26	0.67354	0.79387	0.72865	1.03E-02	5.78E-05	1.95E-02	0.029936	1.06E-02	5.69E-05	2.17E-02	3.24E-02	1.00E-02	7.22E-05	4.17E-02	5.18E-02
2918	488101.04, 3857061.26	0.65984	0.78639	0.71375	1.01E-02	5.72E-05	1.91E-02	0.029326	1.03E-02	5.63E-05	2.13E-02	3.17E-02	9.83E-03	7.15E-05	4.09E-02	5.08E-02
2919	487638.98, 3856673.79	0.6393	0.28521	0.67666	9.81E-03	2.08E-05	1.81E-02	0.027979	1.00E-02	2.04E-05	2.02E-02	3.02E-02	9.52E-03	2.59E-05	3.88E-02	4.83E-02
2920	487688.98, 3856673.79	0.62821	0.29157	0.66488	9.64E-03	2.12E-05	1.78E-02	0.027494	9.85E-03	2.09E-05	1.98E-02	2.97E-02	9.36E-03	2.65E-05	3.81E-02	4.75E-02
2921	487638.98, 3856723.79	0.66036	0.31102	0.70054	1.01E-02	2.26E-05	1.88E-02	0.028945	1.04E-02	2.23E-05	2.09E-02	3.13E-02	9.84E-03	2.83E-05	4.01E-02	5.00E-02
2922	487688.98, 3856723.79	0.6479	0.31826	0.68729	9.94E-03	2.32E-05	1.84E-02	0.028399	1.02E-02	2.28E-05	2.05E-02	3.07E-02	9.65E-03	2.89E-05	3.94E-02	4.91E-02
2923	486324.61, 3855740.57	0.5496	0.38362	0.54137	8.43E-03	2.79E-05	1.45E-02	0.022981	8.62E-03	2.75E-05	1.62E-02	2.48E-02	8.19E-03	3.49E-05	3.10E-02	3.92E-02
2924	486374.61, 3855740.57	0.52183	0.3687	0.51294	8.01E-03	2.68E-05	1.38E-02	0.021792	8.18E-03	2.64E-05	1.53E-02	2.35E-02	7.77E-03	3.35E-05	2.94E-02	3.72E-02
2925	486424.61, 3855740.57	0.50638	0.36176	0.49814	7.77E-03	2.63E-05	1.34E-02	0.021157	7.94E-03	2.59E-05	1.49E-02	2.28E-02	7.54E-03	3.29E-05	2.85E-02	3.61E-02
2926	486324.61, 3855790.57	0.56727	0.36473	0.56193	8.70E-03	2.65E-05	1.51E-02	0.023803	8.89E-03	2.61E-05	1.68E-02	2.57E-02	8.45E-03	3.32E-05	3.22E-02	4.07E-02
2927	486374.61, 3855790.57	0.54056	0.35243	0.5346	8.29E-03	2.57E-05	1.43E-02	0.022659	8.48E-03	2.53E-05	1.59E-02	2.44E-02	8.05E-03	3.21E-05	3.06E-02	3.87E-02
2928	486424.61, 3855790.57	0.5289	0.3492	0.52396	8.12E-03	2.54E-05	1.41E-02	0.022194	8.29E-03	2.50E-05	1.56E-02	2.39E-02	7.88E-03	3.18E-05	3.00E-02	3.79E-02
2929	486324.61, 3855840.57	0.58449	0.34656	0.58233	8.97E-03	2.52E-05	1.56E-02	0.024613	9.16E-03	2.48E-05	1.74E-02	2.66E-02	8.71E-03	3.15E-05	3.34E-02	4.21E-02
2930	486374.61, 3855840.57	0.56968	0.3428	0.56823	8.74E-03	2.50E-05	1.52E-02	0.024007	8.93E-03	2.46E-05	1.70E-02	2.59E-02	8.49E-03	3.12E-05	3.26E-02	4.11E-02
2931	486424.61, 3855840.57	0.55211	0.33703	0.55089	8.47E-03	2.45E-05	1.48E-02	0.023272	8.66E-03	2.41E-05	1.64E-02	2.51E-02	8.22E-03	3.07E-05	3.16E-02	3.98E-02
2932	486324.61, 3855890.57	0.61526	0.3366	0.61834	9.44E-03	2.45E-05	1.66E-02	0.02605	9.65E-03	2.41E-05	1.84E-02	2.81E-02	9.17E-03	3.06E-05	3.54E-02	4.46E-02
2933	486374.61, 3855890.57	0.59732	0.33211	0.60059	9.17E-03	2.42E-05	1.61E-02	0.025298	9.37E-03	2.38E-05	1.79E-02	2.73E-02	8.90E-03	3.02E-05	3.44E-02	4.33E-02
2934	486424.61, 3855890.57	0.57711	0.32603	0.58013	8.86E-03	2.37E-05	1.56E-02	0.024439	9.05E-03	2.34E-05	1.73E-02	2.64E-02	8.60E-03	2.97E-05	3.32E-02	4.19E-02
2935	488735.69, 3858285.64	0.61436	0.26564	0.65982	9.43E-03	1.93E-05	1.77E-02	0.027143	9.63E-03	1.90E-05	1.97E-02	2.93E-02	9.15E-03	2.42E-05	3.78E-02	4.70E-02
2936	488765.69, 3858285.64	0.60012	0.26433	0.64258	9.21E-03	1.92E-05	1.72E-02	0.026462	9.41E-03	1.89E-05	1.92E-02	2.86E-02	8.94E-03	2.40E-05	3.68E-02	4.58E-02

2937	488735.69, 3858315.64	0.60829	0.25523	0.64325	9.33E-03	1.86E-05	1.73E-02	0.026605	9.54E-03	1.83E-05	1.92E-02	2.87E-02	9.06E-03	2.32E-05	3.68E-02	4.59E-02
2938	488765.69, 3858315.64	0.59427	0.25422	0.62659	9.12E-03	1.85E-05	1.68E-02	0.025943	9.32E-03	1.82E-05	1.87E-02	2.80E-02	8.85E-03	2.31E-05	3.59E-02	4.48E-02
2939	478676.63, 3849871.93	0.01525	0.01734	0.01508	2.34E-04	1.26E-06	4.04E-04	0.00064	2.39E-04	1.24E-06	4.50E-04	6.90E-04	2.27E-04	1.58E-06	8.64E-04	1.09E-03
2940	479326.63, 3849871.93	0.01454	0.01593	0.01437	2.23E-04	1.16E-06	3.85E-04	0.00061	2.28E-04	1.14E-06	4.29E-04	6.58E-04	2.17E-04	1.45E-06	8.23E-04	1.04E-03
2941	479376.63, 3849871.93	0.01431	0.01552	0.01412	2.20E-04	1.13E-06	3.79E-04	0.000599	2.24E-04	1.11E-06	4.21E-04	6.47E-04	2.13E-04	1.41E-06	8.09E-04	1.02E-03
2942	479426.63, 3849871.93	0.01416	0.01515	0.01393	2.17E-04	1.10E-06	3.74E-04	0.000592	2.22E-04	1.09E-06	4.16E-04	6.39E-04	2.11E-04	1.38E-06	7.98E-04	1.01E-03
2943	478726.63, 3849921.93	0.01551	0.01768	0.01534	2.38E-04	1.29E-06	4.11E-04	0.000651	2.43E-04	1.27E-06	4.58E-04	7.02E-04	2.31E-04	1.61E-06	8.79E-04	1.11E-03
2944	478776.63, 3849921.93	0.01572	0.01794	0.01557	2.41E-04	1.31E-06	4.18E-04	0.00066	2.46E-04	1.29E-06	4.64E-04	7.12E-04	2.34E-04	1.63E-06	8.92E-04	1.13E-03
2945	478826.63, 3849921.93	0.01587	0.01811	0.01575	2.44E-04	1.32E-06	4.22E-04	0.000667	2.49E-04	1.30E-06	4.70E-04	7.20E-04	2.36E-04	1.65E-06	9.02E-04	1.14E-03
2946	478976.63, 3849921.93	0.0161	0.01828	0.016	2.47E-04	1.33E-06	4.29E-04	0.000678	2.52E-04	1.31E-06	4.77E-04	7.31E-04	2.40E-04	1.66E-06	9.17E-04	1.16E-03
2947	479026.63, 3849921.93	0.01622	0.01841	0.01612	2.49E-04	1.34E-06	4.32E-04	0.000683	2.54E-04	1.32E-06	4.81E-04	7.37E-04	2.42E-04	1.67E-06	9.23E-04	1.17E-03
2948	479076.63, 3849921.93	0.01621	0.01837	0.01611	2.49E-04	1.34E-06	4.32E-04	0.000682	2.54E-04	1.32E-06	4.81E-04	7.36E-04	2.41E-04	1.67E-06	9.23E-04	1.17E-03
2949	479126.63, 3849921.93	0.01613	0.01824	0.01603	2.48E-04	1.33E-06	4.30E-04	0.000679	2.53E-04	1.31E-06	4.78E-04	7.32E-04	2.40E-04	1.66E-06	9.18E-04	1.16E-03
2950	479176.63, 3849921.93	0.01608	0.01815	0.01597	2.47E-04	1.32E-06	4.28E-04	0.000676	2.52E-04	1.30E-06	4.76E-04	7.30E-04	2.40E-04	1.65E-06	9.15E-04	1.16E-03
2951	479226.63, 3849921.93	0.01575	0.01767	0.01563	2.42E-04	1.29E-06	4.19E-04	0.000662	2.47E-04	1.27E-06	4.66E-04	7.14E-04	2.35E-04	1.61E-06	8.95E-04	1.13E-03
2952	479276.63, 3849921.93	0.01516	0.01686	0.01503	2.33E-04	1.23E-06	4.03E-04	0.000637	2.38E-04	1.21E-06	4.48E-04	6.87E-04	2.26E-04	1.53E-06	8.61E-04	1.09E-03
2953	479326.63, 3849921.93	0.01546	0.01718	0.0153	2.37E-04	1.25E-06	4.10E-04	0.000649	2.42E-04	1.23E-06	4.56E-04	7.00E-04	2.30E-04	1.56E-06	8.76E-04	1.11E-03
2954	479376.63, 3849921.93	0.01483	0.01626	0.01465	2.28E-04	1.18E-06	3.93E-04	0.000622	2.33E-04	1.17E-06	4.37E-04	6.71E-04	2.21E-04	1.48E-06	8.39E-04	1.06E-03
2955	479426.63, 3849921.93	0.01493	0.01625	0.01471	2.29E-04	1.18E-06	3.95E-04	0.000625	2.34E-04	1.16E-06	4.39E-04	6.74E-04	2.22E-04	1.48E-06	8.43E-04	1.07E-03
2956	478726.63, 3849971.93	0.01553	0.01767	0.01531	2.38E-04	1.29E-06	4.11E-04	0.00065	2.43E-04	1.27E-06	4.57E-04	7.01E-04	2.31E-04	1.61E-06	8.77E-04	1.11E-03
2957	478776.63, 3849971.93	0.01576	0.018	0.01558	2.42E-04	1.31E-06	4.18E-04	0.000661	2.47E-04	1.29E-06	4.65E-04	7.13E-04	2.35E-04	1.64E-06	8.92E-04	1.13E-03
2958	478826.63, 3849971.93	0.01596	0.01825	0.01581	2.45E-04	1.33E-06	4.24E-04	0.00067	2.50E-04	1.31E-06	4.72E-04	7.23E-04	2.38E-04	1.66E-06	9.06E-04	1.15E-03
2959	478976.63, 3849971.93	0.01646	0.01881	0.01635	2.53E-04	1.37E-06	4.39E-04	0.000692	2.58E-04	1.35E-06	4.88E-04	7.47E-04	2.45E-04	1.71E-06	9.37E-04	1.18E-03
2960	479026.63, 3849971.93	0.0165	0.01881	0.01639	2.53E-04	1.37E-06	4.40E-04	0.000694	2.59E-04	1.35E-06	4.89E-04	7.49E-04	2.46E-04	1.71E-06	9.39E-04	1.19E-03
2961	479076.63, 3849971.93	0.01649	0.01876	0.01639	2.53E-04	1.37E-06	4.40E-04	0.000694	2.59E-04	1.34E-06	4.89E-04	7.49E-04	2.46E-04	1.71E-06	9.39E-04	1.19E-03
2962	479126.63, 3849971.93	0.01649	0.01872	0.01638	2.53E-04	1.36E-06	4.39E-04	0.000694	2.59E-04	1.34E-06	4.89E-04	7.49E-04	2.46E-04	1.70E-06	9.38E-04	1.19E-03
2963	479176.63, 3849971.93	0.01643	0.01861	0.01632	2.52E-04	1.35E-06	4.38E-04	0.000691	2.58E-04	1.33E-06	4.87E-04	7.46E-04	2.45E-04	1.69E-06	9.35E-04	1.18E-03
2964	479226.63, 3849971.93	0.01579	0.01771	0.01567	2.42E-04	1.29E-06	4.20E-04	0.000664	2.48E-04	1.27E-06	4.67E-04	7.16E-04	2.35E-04	1.61E-06	8.98E-04	1.13E-03
2965	479276.63, 3849971.93	0.01604	0.01803	0.01591	2.46E-04	1.31E-06	4.27E-04	0.000674	2.51E-04	1.29E-06	4.75E-04	7.27E-04	2.39E-04	1.64E-06	9.11E-04	1.15E-03
2966	479326.63, 3849971.93	0.01614	0.01811	0.01599	2.48E-04	1.32E-06	4.29E-04	0.000678	2.53E-04	1.30E-06	4.77E-04	7.31E-04	2.40E-04	1.65E-06	9.16E-04	1.16E-03
2967	479376.63, 3849971.93	0.01555	0.01727	0.01539	2.39E-04	1.26E-06	4.13E-04	0.000653	2.44E-04	1.24E-06	4.59E-04	7.04E-04	2.32E-04	1.57E-06	8.82E-04	1.11E-03
2968	479426.63, 3849971.93	0.01547	0.01705	0.01528	2.37E-04	1.24E-06	4.10E-04	0.000648	2.43E-04	1.22E-06	4.56E-04	7.00E-04	2.30E-04	1.55E-06	8.75E-04	1.11E-03
2969	478726.63, 3850021.93	0.01551	0.0176	0.01524	2.38E-04	1.28E-06	4.09E-04	0.000648	2.43E-04	1.26E-06	4.55E-04	6.99E-04	2.31E-04	1.60E-06	8.73E-04	1.11E-03
2970	478776.63, 3850021.93	0.01577	0.01798	0.01555	2.42E-04	1.31E-06	4.17E-04	0.00066	2.47E-04	1.29E-06	4.64E-04	7.12E-04	2.35E-04	1.64E-06	8.91E-04	1.13E-03
2971	478826.63, 3850021.93	0.01602	0.01832	0.01583	2.46E-04	1.33E-06	4.25E-04	0.000672	2.51E-04	1.31E-06	4.72E-04	7.25E-04	2.39E-04	1.67E-06	9.07E-04	1.15E-03
2972	478976.63, 3850021.93	0.01663	0.01906	0.0165	2.55E-04	1.39E-06	4.43E-04	0.000699	2.61E-04	1.37E-06	4.92E-04	7.54E-04	2.48E-04	1.73E-06	9.45E-04	1.19E-03
2973	478726.63, 3850071.93	0.01546	0.01745	0.01512	2.37E-04	1.27E-06	4.06E-04	0.000644	2.42E-04	1.25E-06	4.51E-04	6.95E-04	2.30E-04	1.59E-06	8.66E-04	1.10E-03
2974	478776.63, 3850071.93	0.01577	0.01792	0.01548	2.42E-04	1.30E-06	4.15E-04	0.000658	2.47E-04	1.28E-06	4.62E-04	7.10E-04	2.35E-04	1.63E-06	8.87E-04	1.12E-03
2975	478826.63, 3850071.93	0.01604	0.01832	0.01581	2.46E-04	1.33E-06	4.24E-04	0.000672	2.51E-04	1.31E-06	4.72E-04	7.24E-04	2.39E-04	1.67E-06	9.06E-04	1.15E-03
2976	478876.63, 3850071.93	0.0163	0.01868	0.01611	2.50E-04	1.36E-06	4.32E-04	0.000684	2.56E-04	1.34E-06	4.81E-04	7.38E-04	2.43E-04	1.70E-06	9.23E-04	1.17E-03
2977	478976.63, 3850071.93	0.01676	0.01927	0.01662	2.57E-04	1.40E-06	4.46E-04	0.000704	2.63E-04	1.38E-06	4.96E-04	7.60E-04	2.50E-04	1.75E-06	9.52E-04	1.20E-03
2978	478726.63, 3850121.93	0.01538	0.01725	0.01497	2.36E-04	1.26E-06	4.02E-04	0.000639	2.41E-04	1.24E-06	4.47E-04	6.89E-04	2.29E-04	1.57E-06	8.58E-04	1.09E-03
2979	478776.63, 3850121.93	0.01573	0.01778	0.01538	2.41E-04	1.29E-06	4.12E-04	0.000655	2.47E-04	1.27E-06	4.59E-04	7.07E-04	2.34E-04	1.62E-06	8.81E-04	1.12E-03
2980	478826.63, 3850121.93	0.01604	0.01825	0.01574	2.46E-04	1.33E-06	4.22E-04	0.00067	2.51E-04	1.31E-06	4.70E-04	7.22E-04	2.39E-04	1.66E-06	9.02E-04	1.14E-03
2981	478876.63, 3850121.93	0.01631	0.01866	0.01607	2.50E-04	1.36E-06	4.31E-04	0.000683	2.56E-04	1.34E-06	4.79E-04	7.36E-04	2.43E-04	1.70E-06	9.21E-04	1.17E-03
2982	478976.63, 3850121.93	0.01686	0.0194	0.01668	2.59E-04	1.41E-06	4.47E-04	0.000707	2.64E-04	1.39E-06	4.98E-04	7.63E-04	2.51E-04	1.76E-06	9.56E-04	1.21E-03
2983	479026.63, 3850121.93	0.01707	0.01967	0.01692	2.62E-04	1.43E-06	4.54E-04	0.000717	2.68E-04	1.41E-06	5.05E-04	7.74E-04	2.54E-04	1.79E-06	9.69E-04	1.23E-03
2984	479076.63, 3850121.93	0.01722	0.01984	0.01708	2.64E-04	1.44E-06	4.58E-04	0.000724	2.70E-04	1.42E-06	5.10E-04	7.81E-04	2.57E-04	1.80E-06	9.78E-04	1.24E-03
2985	479126.63, 3850121.93	0.01733	0.01995	0.01721	2.66E-04	1.45E-06	4.62E-04	0.000729	2.72E-04	1.43E-06	5.13E-04	7.87E-04	2.58E-04	1.81E-06	9.86E-04	1.25E-03
2986	478776.63, 3850171.93	0.01564	0.01756	0.01522	2.40E-04	1.28E-06	4.08E-04	0.000649	2.45E-04	1.26E-06	4.54E-04	7.01E-04	2.33E-04	1.60E-06	8.72E-04	1.11E-03
2987	478826.63, 3850171.93	0.01598	0.01809	0.01562	2.45E-04	1.32E-06	4.19E-04	0.000665	2.51E-04	1.30E-06	4.66E-04	7.18E-04	2.38E-04	1.65E-06	8.95E-04	1.13E-03
2988	478876.63, 3850171.93	0.0163	0.01857	0.01599	2.50E-04	1.35E-06	4.29E-04	0.00068	2.56E-04	1.33E-06	4.77E-04	7.34E-04	2.43E-04	1.69E-06	9.16E-04	1.16E-03
2989	478976.63, 3850171.93	0.01691	0.01946	0.01669	2.59E-04	1.42E-06	4.48E-04	0.000709	2.65E-04	1.39E-06	4.98E-04	7.64E-04	2.52E-04	1.77E-06	9.56E-04	1.21E-03
2990	479026.63, 3850171.93	0.01718	0.01982	0.01699	2.64E-04	1.44E-06	4.56E-04	0.000721	2.69E-04	1.42E-06	5.07E-04	7.78E-04	2.56E-04	1.80E-06	9.73E-04	1.23E-03
2991	479076.63, 3850171.93	0.01737	0.02006	0.01721	2.67E-04	1.46E-06	4.62E-04	0.00073	2.72E-04	1.44E-06	5.13E-04	7.87E-04	2.59E-04	1.82E-06	9.86E-04	1.25E-03
2992	479126.63, 3850171.93	0.01754	0.02026	0.01739	2.69E-04	1.47E-06	4.66E-04	0.000737	2.75E-04	1.45E-06	5.19E-04	7.95E-04	2.61E-04	1.84E-06	9.96E-04	1.26E-03
2993	479176.63, 3850171.93	0.01769	0.02043	0.01756	2.71E-04	1.49E-06	4.71E-04	0.000744	2.77E-04	1.46E-06	5.24E-04	8.03E-04	2.64E-04	1.86E-06	1.01E-03	1.27E-03
2994	479226.63, 3850171.93	0.01788	0.02064	0.01773	2.74E-04	1.50E-06	4.76E-04	0.000751	2.80E-04	1.48E-06	5.29E-04	8.11E-04	2.66E-04	1.88E-06	1.02E-03	1.28E-03
2995	479276.63, 3850171.93	0.01803	0.0208	0.01787	2.77E-04	1.51E-06	4.79E-04	0.000757	2.83E-04	1.49E-06	5.33E-04	8.17E-04	2.69E-04	1.89E-06	1.02E-03	1.29E-03
2996	479326.63, 3850171.93	0.018	0.02072	0.01784	2.76E-04	1.51E-06	4.78E-04	0.000756	2.82E-04	1.48E-06	5.32E-04	8.16E-04	2.68E-04	1.88E-06	1.02E-03	1.29E-03
2997	479376.63, 3850171.93	0.01792	0.02055	0.01776	2.75E-04	1.50E-06	4.76E-04	0.000753	2.81E-04	1.47E-06	5.30E-04	8.12E-04	2.67E-04	1.87E-06	1.02E-03	1.29E-03
2998	478676.63, 3850221.93	0.01468	0.01602	0.01408	2.25E-04	1.17E-06	3.78E-04	0.000604	2.30E-04	1.15E-06	4.20E-04	6.51E-04	2.19E-04	1.46E-06	8.07E-04	1.03E-03
2999	478726.63, 3850221.93	0.01512	0.01667	0.01457	2.32E-04	1.21E-06	3.91E-04	0.000624	2.37E-04	1.19E-06	4.35E-04	6.73E-04	2.25E-04	1.52E-06	8.35E-04	1.06E-03
3000	478976.63, 3850221.93	0.01694	0.01945	0.01666	2.60E-04	1.42E-06	4.47E-04	0.000708	2.66E-04	1.39E-06	4.97E-04	7.64E-04	2.52E-04	1.77E-06	9.54E-04	1.21E-03
3001	479026.63, 3850221.93	0.01725	0.01988	0.017	2.65E-04	1.45E-06	4.56E-04	0.000722	2.70E-04	1.42E-06	5.07E-04	7.79E-04	2.57E-04	1.81E-06	9.74E-04	1.23E-03
3002	479076.63, 3850221.93	0.01748	0.0202	0.01727	2.68E-04	1.47E-06	4.63E-04	0.000733	2.74E-04	1.45E-06	5.15E-04	7.91E-04	2.60E-04	1.84E-06	9.89E-04	1.25E-03
3003	479126.63, 3850221.93	0.01769	0.02048	0.01752	2.71E-04	1.49E-06	4.70E-04	0.000743	2.77E-04	1.47E-06	5.23E-04	8.01E-04	2.64E-04	1.86E-06	1.00E-03	1.27E-03
3004	479176.63, 3850221.93	0.01791	0.02075	0.01775	2.75E-04	1.51E-06	4.76E-04	0.000752	2.81E-04	1.49E-06	5.30E-04	8.12E-04	2.67E-04	1.89E-06	1.02E-03	1.29E-03
3005	479226.63, 3850221.93	0.0181	0.02097	0.01794	2.78E-04	1.53E-06	4.81E-04	0.00076	2.84E-04	1.50E-06	5.35E-04	8.20E-04	2.70E-04	1.91E-06	1.03E-03	1.30E-03
3006	479276.63, 3850221.93	0.01826	0.02114	0.01809	2.80E-04	1.54E-06	4.85E-04	0.000767	2.86E-04	1.51E-06	5.40E-04	8.27E-04	2.72E-04	1.92E-06	1.04E-03	1.31E-03
3007	479326.63, 3850221.93	0.01827	0.02111	0.01811	2.80E-04	1.54E-06	4.86E-04	0.000768	2.86E-04	1.51E-06	5.40E-04	8.28E-04	2.72E-04	1.92E-06	1.04E-03	1.31E-03
3008	479376.63, 3850221.93	0.01828	0.02107	0.01811	2.81E-04	1.53E-06	4.86E-04	0.000768	2.87E-04	1.51E-06	5.40E-04	8.28E-04	2.72E-04	1.92E-06	1.04E-03	1.31E-03
3009	478676.63, 3850271.93	0.0145	0.01568	0.01384	2.23E-04	1.14E-06	3.71E-04	0.000595	2.27E-04	1.12E-06	4.13E-04	6.41E-04	2.16E-04	1.43E-06	7.93E-04	1.01E-03
3010	478726.63, 3850271.93	0.01496	0.01633	0.01433	2.30E-04	1.19E-06	3.84E-04	0.000615	2.35E-04	1.17E-06	4.27E-04	6.63E-04	2.23E-04	1.49E-06	8.21E-04	1.05E-03
3011	478976.63, 3850271.93	0.01691	0.01933	0.01656	2.59E-04	1.41E-06	4.44E-04	0.000705	2.65E-04	1.39E-06	4.94E-04	7.61E-04	2.52E-04	1.76E-06	9.49E-04	1.20E-03
3012	479026.63, 3850271.93	0.01727	0.01984	0.01695	2.65E-04	1.44E-06	4.55E-04	0.000721	2.71E-04	1.42E-06	5.06E-04	7.78E-04	2.57E-04	1.80E-06	9.71E-04	1.23E-03
3013	479076.63, 3850271.93	0.01756	0.02027	0.01729	2.69E-04	1.48E-06	4.64E-04	0.000735	2.75E-04	1.45E-06	5.16E-04	7.93E-04	2.62E-04	1.84E-06	9.90E-04	1.25E-03
3014	479126.63, 3850271.93	0.01782	0.02063	0.01759	2.73E-04	1.50E-06	4.72E-04	0.000747	2.79E-04	1.48E-06	5.25E-04	8.06E-04	2.65E-04	1.88E-06	1.01E-03	1.27E-03
3015	479176.63, 3850271.93	0.01806	0.02096	0.01786	2.77E-04	1.53E-06	4.79E-04	0.000758	2.83E-04	1.50E-06	5.33E-04	8.17E-04	2.69E-04	1.91E-06	1.02E-03	1.29E-03
3016	479226.63, 3850271.93	0.01829	0.02123	0.01809	2.81E-04	1.55E-06	4.85E-04	0.000767	2.87E-04	1.52E-06	5.40E-04	8.28E-04	2.72E-04	1.93E-06	1.04E-03	1.31E-03
3017	479276.63, 3850271.93	0.01844	0.02141	0.01826	2.83E-04	1.56E-06	4.90E-04	0.000774	2.89E-04	1.53E-06	5.45E-04	8.35E-04	2.75E-04	1.95E-06	1.05E-03	1.32E-03
3018	479326.63, 3850271.93	0.01851	0.02147	0.01834	2.84E-04	1.56E-06	4.92E-04	0.000777	2.90E-04	1.54E-06	5.47E-04	8.39E-04	2.76E-04	1.95E-06	1.05E-03	1.33E-03
3019	479376.63, 3850271.93	0.01851	0.02142	0.01835	2.84E-04	1.56E-06	4.92E-04	0.000778	2.90E-04	1.53E-06	5.47E-04	8.39E-04	2.76E-04	1.95E-06	1.05E-03	1.33E-03
3020	479053.24, 3850293.52	0.01745	0.02007	0.01712	2.68E-04	1.46E-06	4.59E-04	0.000728	2.74E-04	1.44E-06	5.11E-04	7.86E-04	2.60E-04	1.83E-06	9.81E-04	1.24E-03
3021	479103.24, 3850293.52	0.01774	0.0205	0.01746	2.72E-04	1.49E-06	4.68E-04	0.000742	2.78E-04	1.47E-06	5.21E-04	8.00E-04	2.64E-04	1.86E-06	1.00E-03	1.27E-03
3022	479153.24, 3850293.52	0.01799	0.02085	0.01775	2.76E-04	1.52E-06	4.76E-04	0.000754	2.82E-04	1.49E-06	5.30E-04	8.13E-04	2.68E-04	1.90E-06	1.02E-03	1.29E-03
3023	479203.24, 3850293.52	0.01824	0.02119	0.01803	2.80E-04	1.54E-06	4.84E-04	0.000765	2.86E-04	1.52E-06	5.38E-04	8.25E-04	2.72E-04	1.93E-06	1.03E-03	1.31E-03
3024	479253.24, 3850293.52	0.01844	0.02143	0.01824	2.83E-04	1.56E-06	4.89E-04	0.000774	2.89E-04	1.54E-06	5.44E-04	8.35E-04	2.75E-04	1.95E-06	1.04E-03	1.32E-03
3025	479303.24, 3850293.52	0.01856	0.02156	0.01838	2.85E-04	1.57E-06	4.93E-04	0.000779	2.91E-04	1.54E-06	5.48E-04	8.41E-04	2.76E-04	1.96E-06	1.05E-03	1.33E-03
3026	479353.24, 3850293.52	0.01861	0.02159	0.01845	2.86E-04	1.57E-06	4.95E-04	0.000782	2.92E-04	1.55E-06	5.50E-04	8.44E-04	2.77E-04	1.96E-06	1.06E-03	1.34E-03
3027	479153.24, 3850343.52	0.01807	0.02091	0.01776	2.77E-04	1.52E-06	4.76E-04	0.000755	2.83E-04	1.50E-06	5.30E-04	8.15E-04	2.69E-04	1.90E-06	1.02E-03	1.29E-03
3028	479203.24, 3850343.52	0.01835	0.0213	0.01808	2.82E-04	1.55E-06	4.85E-04	0.000768	2.88E-04	1.53E-06	5.39E-04	8.29E-04	2.73E-04	1.94E-06	1.04E-03	1.31E-03
3029	479253.24, 3850343.52	0.01855	0.02158	0.01832	2.85E-04	1.57E-06	4.91E-04	0.000778	2.91E-04	1.55E-06	5.47E-04	8.39E-04	2.76E-04	1.96E-06	1.05E-03	1.33E-03
3030	479303.24, 3850343.52	0.01871	0.02177	0.0185	2.87E-04	1.58E-06	4.96E-04	0.000785	2.93E-04	1.56E-06	5.52E-04	8.47E-04	2.79E-04	1.98E-06	1.06E-03	1.34E-03
3031	479353.24, 3850343.52	0.01881	0.02189	0.01863	2.89E-04	1.59E-06	5.00E-04	0.00079	2.95E-04	1.57E-06	5.56E-04	8.52E-04	2.80E-04	1.99E-06	1.07E-03	1.35E-03
3032	479203.24, 3850393.52	0.0184	0.02131	0.01806	2.82E-04	1.55E-06	4.84E-04	0.000768	2.88E-04	1.53E-06	5.39E-04	8.29E-04	2.74E-04	1.94E-06	1.03E-03	1.31E-03
3033	479253.24, 3850393.52	0.01864	0.02167	0.01835	2.86E-04	1.58E-06	4.92E-04	0.00078	2.92E-04	1.55E-06	5.47E-04	8.41E-04	2.78E-04	1.97E-06	1.05E-03	1.33E-03
3034	479303.24, 3850393.52	0.01883	0.02195	0.01859	2.89E-04	1.60E-06	4.99E-04	0.000789	2.95E-04	1.57E-06	5.55E-04	8.51E-04	2.81E-04	2.00E-06	1.06E-03	1.35E-03

3035	479353.24, 3850393.52	0.01898	0.02213	0.01877	2.91E-04	1.61E-06	5.03E-04	0.000796	2.98E-04	1.59E-06	5.60E-04	8.59E-04	2.83E-04	2.01E-06	1.08E-03	1.36E-03
3036	479403.24, 3850393.52	0.01908	0.02224	0.0189	2.93E-04	1.62E-06	5.07E-04	0.000801	2.99E-04	1.59E-06	5.64E-04	8.65E-04	2.84E-04	2.02E-06	1.08E-03	1.37E-03
3037	479453.24, 3850393.52	0.01911	0.02224	0.01895	2.93E-04	1.62E-06	5.08E-04	0.000803	3.00E-04	1.59E-06	5.65E-04	8.67E-04	2.85E-04	2.02E-06	1.09E-03	1.37E-03
3038	479503.24, 3850393.52	0.01907	0.02212	0.01891	2.93E-04	1.61E-06	5.07E-04	0.000801	2.99E-04	1.58E-06	5.64E-04	8.65E-04	2.84E-04	2.01E-06	1.08E-03	1.37E-03
3039	479303.24, 3850443.52	0.0189	0.02201	0.01862	2.90E-04	1.60E-06	4.99E-04	0.000791	2.96E-04	1.58E-06	5.55E-04	8.53E-04	2.82E-04	2.00E-06	1.07E-03	1.35E-03
3040	479353.24, 3850443.52	0.01907	0.02226	0.01884	2.93E-04	1.62E-06	5.05E-04	0.0008	2.99E-04	1.59E-06	5.62E-04	8.63E-04	2.84E-04	2.02E-06	1.08E-03	1.37E-03
3041	479403.24, 3850443.52	0.0192	0.02242	0.01901	2.95E-04	1.63E-06	5.10E-04	0.000806	3.01E-04	1.61E-06	5.67E-04	8.70E-04	2.86E-04	2.04E-06	1.09E-03	1.38E-03
3042	479453.24, 3850443.52	0.01927	0.02249	0.01911	2.96E-04	1.64E-06	5.13E-04	0.00081	3.02E-04	1.61E-06	5.70E-04	8.74E-04	2.87E-04	2.05E-06	1.09E-03	1.38E-03
3043	479503.24, 3850443.52	0.01928	0.02245	0.01913	2.96E-04	1.63E-06	5.13E-04	0.000811	3.02E-04	1.61E-06	5.71E-04	8.75E-04	2.87E-04	2.04E-06	1.10E-03	1.39E-03
3044	480327.18, 3850987.04	0.02346	0.0265	0.02264	3.60E-04	1.93E-06	6.07E-04	0.000969	3.68E-04	1.90E-06	6.75E-04	1.05E-03	3.49E-04	2.41E-06	1.30E-03	1.65E-03
3045	480377.18, 3850987.04	0.02333	0.02603	0.02244	3.58E-04	1.89E-06	6.02E-04	0.000962	3.66E-04	1.87E-06	6.69E-04	1.04E-03	3.48E-04	2.37E-06	1.29E-03	1.64E-03
3046	480427.18, 3850987.04	0.02313	0.02549	0.0222	3.55E-04	1.86E-06	5.95E-04	0.000952	3.63E-04	1.83E-06	6.62E-04	1.03E-03	3.45E-04	2.32E-06	1.27E-03	1.62E-03
3047	480477.18, 3850987.04	0.02289	0.02494	0.02193	3.51E-04	1.82E-06	5.88E-04	0.000941	3.59E-04	1.79E-06	6.54E-04	1.01E-03	3.41E-04	2.27E-06	1.26E-03	1.60E-03
3048	480327.18, 3851037.04	0.02398	0.0274	0.02317	3.68E-04	1.99E-06	6.21E-04	0.000991	3.76E-04	1.96E-06	6.91E-04	1.07E-03	3.57E-04	2.49E-06	1.33E-03	1.69E-03
3049	480377.18, 3851037.04	0.02386	0.02695	0.023	3.66E-04	1.96E-06	6.17E-04	0.000985	3.74E-04	1.93E-06	6.86E-04	1.06E-03	3.55E-04	2.45E-06	1.32E-03	1.68E-03
3050	480427.18, 3851037.04	0.0237	0.02644	0.02278	3.64E-04	1.92E-06	6.11E-04	0.000977	3.72E-04	1.89E-06	6.80E-04	1.05E-03	3.53E-04	2.41E-06	1.30E-03	1.66E-03
3051	480477.18, 3851037.04	0.02354	0.02593	0.02255	3.61E-04	1.89E-06	6.05E-04	0.000968	3.69E-04	1.86E-06	6.73E-04	1.04E-03	3.51E-04	2.36E-06	1.29E-03	1.64E-03
3052	480622.06, 3851087.39	0.02362	0.02553	0.02249	3.62E-04	1.86E-06	6.03E-04	0.000968	3.70E-04	1.83E-06	6.71E-04	1.04E-03	3.52E-04	2.32E-06	1.29E-03	1.64E-03
3053	480672.06, 3851087.39	0.02343	0.02516	0.02225	3.60E-04	1.83E-06	5.97E-04	0.000958	3.67E-04	1.80E-06	6.64E-04	1.03E-03	3.49E-04	2.29E-06	1.27E-03	1.63E-03
3054	480622.06, 3851137.39	0.02432	0.02652	0.02314	3.73E-04	1.93E-06	6.21E-04	0.000996	3.81E-04	1.90E-06	6.90E-04	1.07E-03	3.62E-04	2.41E-06	1.33E-03	1.69E-03
3055	480672.06, 3851137.39	0.02413	0.02608	0.0229	3.70E-04	1.90E-06	6.14E-04	0.000986	3.78E-04	1.87E-06	6.83E-04	1.06E-03	3.59E-04	2.37E-06	1.31E-03	1.67E-03
3056	480722.06, 3851137.39	0.02395	0.02573	0.02268	3.68E-04	1.87E-06	6.08E-04	0.000978	3.76E-04	1.84E-06	6.77E-04	1.05E-03	3.57E-04	2.34E-06	1.30E-03	1.66E-03
3057	480622.06, 3851187.39	0.02499	0.02753	0.02379	3.83E-04	2.00E-06	6.38E-04	0.001024	3.92E-04	1.97E-06	7.10E-04	1.10E-03	3.72E-04	2.50E-06	1.36E-03	1.74E-03
3058	480672.06, 3851187.39	0.02484	0.02708	0.02357	3.81E-04	1.97E-06	6.32E-04	0.001015	3.89E-04	1.94E-06	7.03E-04	1.09E-03	3.70E-04	2.46E-06	1.35E-03	1.72E-03
3059	480722.06, 3851187.39	0.02469	0.02669	0.02335	3.79E-04	1.94E-06	6.26E-04	0.001007	3.87E-04	1.91E-06	6.97E-04	1.09E-03	3.68E-04	2.43E-06	1.34E-03	1.71E-03
3060	471363.09, 3845877.25	0.00305	0.0032	0.00303	4.68E-05	2.33E-07	8.13E-05	0.000128	4.78E-05	2.29E-07	9.04E-05	1.38E-04	4.54E-05	2.91E-07	1.74E-04	2.19E-04
3061	471863.09, 3845877.25	0.00286	0.00302	0.00285	4.39E-05	2.20E-07	7.64E-05	0.000121	4.48E-05	2.16E-07	8.50E-05	1.30E-04	4.26E-05	2.75E-07	1.63E-04	2.06E-04
3062	472363.09, 3845877.25	0.003	0.00316	0.00296	4.60E-05	2.30E-07	7.94E-05	0.000126	4.70E-05	2.26E-07	8.83E-05	1.36E-04	4.47E-05	2.87E-07	1.70E-04	2.15E-04
3063	472863.09, 3845877.25	0.0025	0.00259	0.00249	3.84E-05	1.89E-07	6.68E-05	0.000105	3.92E-05	1.86E-07	7.43E-05	1.14E-04	3.72E-05	2.36E-07	1.43E-04	1.80E-04
3064	473363.09, 3845877.25	0.00266	0.00272	0.00263	4.08E-05	1.98E-07	7.05E-05	0.000112	4.17E-05	1.95E-07	7.85E-05	1.20E-04	3.96E-05	2.47E-07	1.51E-04	1.91E-04
3065	473863.09, 3845877.25	0.0029	0.00294	0.00286	4.45E-05	2.14E-07	7.67E-05	0.000121	4.55E-05	2.11E-07	8.53E-05	1.31E-04	4.32E-05	2.67E-07	1.64E-04	2.07E-04
3066	474363.09, 3845877.25	0.00376	0.00382	0.00369	5.77E-05	2.78E-07	9.90E-05	0.000157	5.90E-05	2.74E-07	1.10E-04	1.69E-04	5.60E-05	3.47E-07	2.11E-04	2.68E-04
3067	474863.09, 3845877.25	0.00471	0.00483	0.00468	7.23E-05	3.52E-07	1.26E-04	0.000198	7.38E-05	3.46E-07	1.40E-04	2.14E-04	7.02E-05	4.39E-07	2.68E-04	3.39E-04
3068	475363.09, 3845877.25	0.00517	0.00535	0.00516	7.93E-05	3.89E-07	1.38E-04	0.000218	8.11E-05	3.83E-07	1.54E-04	2.35E-04	7.70E-05	4.87E-07	2.96E-04	3.73E-04
3069	475863.09, 3845877.25	0.00507	0.00523	0.00502	7.78E-05	3.81E-07	1.35E-04	0.000213	7.95E-05	3.75E-07	1.50E-04	2.30E-04	7.55E-05	4.76E-07	2.88E-04	3.64E-04
3070	476363.09, 3845877.25	0.00441	0.00418	0.00431	6.77E-05	3.04E-07	1.16E-04	0.000184	6.91E-05	3.00E-07	1.29E-04	1.98E-04	6.57E-05	3.80E-07	2.47E-04	3.13E-04
3071	476863.09, 3845877.25	0.00381	0.0039	0.00374	5.85E-05	2.84E-07	1.00E-04	0.000159	5.97E-05	2.79E-07	1.12E-04	1.72E-04	5.68E-05	3.55E-07	2.14E-04	2.71E-04
3072	477363.09, 3845877.25	0.00348	0.00358	0.00332	5.34E-05	2.61E-07	8.90E-05	0.000143	5.46E-05	2.57E-07	9.90E-05	1.54E-04	5.18E-05	3.26E-07	1.90E-04	2.42E-04
3073	477863.09, 3845877.25	0.00313	0.00281	0.00301	4.80E-05	2.05E-07	8.07E-05	0.000129	4.91E-05	2.01E-07	8.98E-05	1.39E-04	4.66E-05	2.56E-07	1.72E-04	2.19E-04
3074	478363.09, 3845877.25	0.00298	0.00298	0.00282	4.57E-05	2.17E-07	7.56E-05	0.000122	4.67E-05	2.14E-07	8.41E-05	1.31E-04	4.44E-05	2.71E-07	1.62E-04	2.06E-04
3075	478863.09, 3845877.25	0.00284	0.0029	0.00271	4.36E-05	2.11E-07	7.27E-05	0.000116	4.45E-05	2.08E-07	8.08E-05	1.26E-04	4.23E-05	2.64E-07	1.55E-04	1.98E-04
3076	479363.09, 3845877.25	0.00283	0.00274	0.00263	4.34E-05	1.99E-07	7.05E-05	0.000114	4.44E-05	1.96E-07	7.85E-05	1.23E-04	4.22E-05	2.49E-07	1.51E-04	1.93E-04
3077	479863.09, 3845877.25	0.00263	0.00238	0.00247	4.04E-05	1.73E-07	6.62E-05	0.000107	4.12E-05	1.71E-07	7.37E-05	1.15E-04	3.92E-05	2.16E-07	1.41E-04	1.81E-04
3078	480363.09, 3845877.25	0.0023	0.00219	0.0022	3.53E-05	1.59E-07	5.90E-05	9.45E-05	3.61E-05	1.57E-07	6.56E-05	1.02E-04	3.43E-05	1.99E-07	1.26E-04	1.60E-04
3079	480863.09, 3845877.25	0.00215	0.00227	0.00204	3.30E-05	1.65E-07	5.47E-05	8.79E-05	3.37E-05	1.63E-07	6.09E-05	9.47E-05	3.20E-05	2.06E-07	1.17E-04	1.49E-04
3080	481363.09, 3845877.25	0.00201	0.00204	0.00191	3.08E-05	1.48E-07	5.12E-05	8.22E-05	3.15E-05	1.46E-07	5.70E-05	8.86E-05	2.99E-05	1.86E-07	1.09E-04	1.40E-04
3081	481863.09, 3845877.25	0.00187	0.00178	0.0018	2.87E-05	1.30E-07	4.83E-05	7.71E-05	2.93E-05	1.28E-07	5.37E-05	8.31E-05	2.79E-05	1.62E-07	1.03E-04	1.31E-04
3082	482363.09, 3845877.25	0.00172	0.0018	0.00164	2.64E-05	1.31E-07	4.40E-05	7.05E-05	2.70E-05	1.29E-07	4.89E-05	7.60E-05	2.56E-05	1.64E-07	9.39E-05	1.20E-04
3083	482863.09, 3845877.25	0.00145	0.00155	0.00141	2.23E-05	1.13E-07	3.78E-05	6.02E-05	2.27E-05	1.11E-07	4.21E-05	6.49E-05	2.16E-05	1.41E-07	8.08E-05	1.03E-04
3084	483363.09, 3845877.25	0.00131	0.00131	0.0013	2.01E-05	9.54E-08	3.49E-05	5.51E-05	2.05E-05	9.39E-08	3.88E-05	5.94E-05	1.95E-05	1.19E-07	7.45E-05	9.41E-05
3085	483863.09, 3845877.25	0.00147	0.00145	0.00142	2.26E-05	1.06E-07	3.81E-05	6.07E-05	2.30E-05	1.04E-07	4.24E-05	6.55E-05	2.19E-05	1.32E-07	8.13E-05	1.03E-04
3086	484363.09, 3845877.25	0.00145	0.00143	0.0014	2.23E-05	1.04E-07	3.75E-05	5.99E-05	2.27E-05	1.02E-07	4.18E-05	6.46E-05	2.16E-05	1.30E-07	8.02E-05	1.02E-04
3087	484863.09, 3845877.25	0.00138	0.00139	0.00133	2.12E-05	1.01E-07	3.57E-05	5.69E-05	2.16E-05	9.96E-08	3.97E-05	6.14E-05	2.06E-05	1.26E-07	7.62E-05	9.69E-05
3088	485363.09, 3845877.25	0.00129	0.00133	0.00127	1.98E-05	9.68E-08	3.41E-05	5.4E-05	2.02E-05	9.53E-08	3.79E-05	5.82E-05	1.92E-05	1.21E-07	7.28E-05	9.21E-05
3089	485863.09, 3845877.25	0.00127	0.00126	0.00126	1.95E-05	9.17E-08	3.38E-05	5.34E-05	1.99E-05	9.03E-08	3.76E-05	5.76E-05	1.89E-05	1.15E-07	7.22E-05	9.12E-05
3090	486363.09, 3845877.25	0.00123	0.00128	0.00122	1.89E-05	9.32E-08	3.27E-05	5.17E-05	1.93E-05	9.17E-08	3.64E-05	5.58E-05	1.83E-05	1.16E-07	6.99E-05	8.83E-05
3091	486863.09, 3845877.25	0.00115	0.00126	0.00115	1.76E-05	9.17E-08	3.08E-05	4.86E-05	1.80E-05	9.03E-08	3.43E-05	5.24E-05	1.71E-05	1.15E-07	6.59E-05	8.31E-05
3092	487363.09, 3845877.25	0.00112	0.00122	0.00113	1.72E-05	8.88E-08	3.03E-05	4.76E-05	1.76E-05	8.74E-08	3.37E-05	5.14E-05	1.67E-05	1.11E-07	6.47E-05	8.15E-05
3093	487863.09, 3845877.25	0.00106	0.00113	0.00108	1.63E-05	8.23E-08	2.90E-05	4.53E-05	1.66E-05	8.10E-08	3.22E-05	4.89E-05	1.58E-05	1.03E-07	6.19E-05	7.78E-05
3094	488363.09, 3845877.25	0.00103	0.00113	0.00107	1.58E-05	8.23E-08	2.87E-05	4.46E-05	1.61E-05	8.10E-08	3.19E-05	4.82E-05	1.53E-05	1.03E-07	6.13E-05	7.67E-05
3095	488863.09, 3845877.25	0.00112	0.0012	0.00114	1.72E-05	8.74E-08	3.06E-05	4.78E-05	1.76E-05	8.60E-08	3.40E-05	5.17E-05	1.67E-05	1.09E-07	6.53E-05	8.21E-05
3096	489363.09, 3845877.25	0.00112	0.00119	0.00116	1.72E-05	8.66E-08	3.11E-05	4.84E-05	1.76E-05	8.53E-08	3.46E-05	5.23E-05	1.67E-05	1.08E-07	6.65E-05	8.32E-05
3097	489863.09, 3845877.25	0.00109	0.00123	0.00116	1.67E-05	8.95E-08	3.11E-05	4.79E-05	1.71E-05	8.81E-08	3.46E-05	5.18E-05	1.62E-05	1.12E-07	6.65E-05	8.28E-05
3098	490363.09, 3845877.25	0.00105	0.0013	0.00114	1.61E-05	9.46E-08	3.06E-05	4.68E-05	1.65E-05	9.31E-08	3.40E-05	5.06E-05	1.56E-05	1.18E-07	6.53E-05	8.11E-05
3099	490863.09, 3845877.25	0.00097	0.0013	0.00108	1.49E-05	9.46E-08	2.90E-05	4.39E-05	1.52E-05	9.31E-08	3.22E-05	4.75E-05	1.45E-05	1.18E-07	6.19E-05	7.64E-05
3100	491363.09, 3845877.25	0.00105	0.00139	0.00116	1.61E-05	1.01E-07	3.11E-05	4.73E-05	1.65E-05	9.96E-08	3.46E-05	5.12E-05	1.56E-05	1.26E-07	6.65E-05	8.22E-05
3101	491863.09, 3845877.25	0.00112	0.0014	0.00122	1.72E-05	1.02E-07	3.27E-05	5E-05	1.76E-05	1.00E-07	3.64E-05	5.41E-05	1.67E-05	1.27E-07	6.99E-05	8.67E-05
3102	492363.09, 3845877.25	0.00106	0.0013	0.00118	1.63E-05	9.46E-08	3.16E-05	4.8E-05	1.66E-05	9.31E-08	3.52E-05	5.19E-05	1.58E-05	1.18E-07	6.76E-05	8.35E-05
3103	492863.09, 3845877.25	0.00122	0.00149	0.00132	1.87E-05	1.08E-07	3.54E-05	5.42E-05	1.91E-05	1.07E-07	3.94E-05	5.86E-05	1.82E-05	1.36E-07	7.56E-05	9.39E-05
3104	493363.09, 3845877.25	0.0013	0.00159	0.00141	1.99E-05	1.16E-07	3.78E-05	5.79E-05	2.04E-05	1.14E-07	4.21E-05	6.26E-05	1.94E-05	1.45E-07	8.08E-05	1.00E-04
3105	493863.09, 3845877.25	0.0014	0.00169	0.0015	2.15E-05	1.23E-07	4.02E-05	6.18E-05	2.20E-05	1.21E-07	4.47E-05	6.68E-05	2.09E-05	1.54E-07	8.59E-05	1.07E-04
3106	494363.09, 3845877.25	0.00149	0.00179	0.0016	2.29E-05	1.30E-07	4.29E-05	6.59E-05	2.34E-05	1.28E-07	4.77E-05	7.12E-05	2.22E-05	1.63E-07	9.17E-05	1.14E-04
3107	494863.09, 3845877.25	0.00157	0.00187	0.00169	2.41E-05	1.36E-07	4.53E-05	6.96E-05	2.46E-05	1.34E-07	5.04E-05	7.52E-05	2.34E-05	1.70E-07	9.68E-05	1.20E-04
3108	495363.09, 3845877.25	0.00168	0.00202	0.0018	2.58E-05	1.47E-07	4.83E-05	7.42E-05	2.63E-05	1.45E-07	5.37E-05	8.02E-05	2.50E-05	1.84E-07	1.03E-04	1.28E-04
3109	495863.09, 3845877.25	0.00181	0.00226	0.00194	2.78E-05	1.65E-07	5.20E-05	8E-05	2.84E-05	1.62E-07	5.79E-05	8.64E-05	2.70E-05	2.06E-07	1.11E-04	1.38E-04
3110	496363.09, 3845877.25	0.00195	0.00249	0.00208	2.99E-05	1.81E-07	5.58E-05	8.59E-05	3.06E-05	1.78E-07	6.21E-05	9.28E-05	2.90E-05	2.26E-07	1.19E-04	1.48E-04
3111	496863.09, 3845877.25	0.00205	0.00264	0.00219	3.15E-05	1.92E-07	5.87E-05	9.04E-05	3.21E-05	1.89E-07	6.53E-05	9.77E-05	3.05E-05	2.40E-07	1.25E-04	1.56E-04
3112	497363.09, 3845877.25	0.00216	0.00279	0.00231	3.31E-05	2.03E-07	6.20E-05	9.53E-05	3.39E-05	2.00E-07	6.89E-05	1.03E-04	3.22E-05	2.54E-07	1.32E-04	1.65E-04
3113	497863.09, 3845877.25	0.00229	0.00297	0.00244	3.51E-05	2.16E-07	6.54E-05	0.000101	3.59E-05	2.13E-07	7.28E-05	1.09E-04	3.41E-05	2.70E-07	1.40E-04	1.74E-04
3114	498363.09, 3845877.25	0.0024	0.00314	0.00256	3.68E-05	2.29E-07	6.87E-05	0.000106	3.76E-05	2.25E-07	7.64E-05	1.14E-04	3.58E-05	2.86E-07	1.47E-04	1.83E-04
3115	471363.09, 3846377.25	0.00502	0.00517	0.00481	7.70E-05	3.76E-07	1.29E-04	0.000206	7.87E-05	3.70E-07	1.43E-04	2.23E-04	7.48E-05	4.70E-07	2.76E-04	3.51E-04
3116	471863.09, 3846377.25	0.00448	0.00466	0.00434	6.87E-05	3.39E-07	1.16E-04	0.000185	7.02E-05	3.34E-07	1.29E-04	2.00E-04	6.67E-05	4.24E-07	2.49E-04	3.16E-04
3117	472363.09, 3846377.25	0.0031	0.00328	0.0031	4.76E-05	2.39E-07	8.31E-05	0.000131	4.86E-05	2.35E-07	9.25E-05	1.41E-04	4.62E-05	2.98E-07	1.78E-04	2.24E-04
3118	472863.09, 3846377.25	0.00304	0.00324	0.00302	4.66E-05	2.36E-07	8.10E-05	0.000128	4.77E-05	2.32E-07	9.01E-05	1.38E-04	4.53E-05	2.95E-07	1.73E-04	2.19E-04
3119	473363.09, 3846377.25	0.00292	0.00303	0.00288	4.48E-05	2.21E-07	7.72E-05	0.000122	4.58E-05	2.17E-07	8.59E-05	1.32E-04	4.35E-05	2.76E-07	1.65E-04	2.09E-04
3120	473863.09, 3846377.25	0.00321	0.00326	0.00314	4.93E-05	2.37E-07	8.42E-05	0.000134	5.03E-05	2.34E-07	9.37E-05	1.44E-04	4.78E-05	2.97E-07	1.80E-04	2.28E-04
3121	474363.09, 3846377.25	0.00359	0.00362	0.0035	5.51E-05	2.64E-07	9.39E-05	0.000149	5.63E-05	2.59E-07	1.04E-04	1.61E-04	5.35E-05	3.29E-07	2.00E-04	2.54E-04
3122	474863.09, 3846377.25	0.00459	0.00467	0.00449	7.04E-05	3.40E-07	1.20E-04	0.000191	7.20E-05	3.35E-07	1.34E-04	2.06E-04	6.84E-05	4.25E-07	2.57E-04	3.26E-04
3123	475363.09, 3846377.25	0.00557	0.00574	0.00552	8.55E-05	4.18E-07	1.48E-04	0.000234	8.73E-05	4.11E-07	1.65E-04	2.52E-04	8.30E-05	5.22E-07	3.16E-04	4.00E-04
3124	475863.09, 3846377.25	0.00599	0.00626	0.00598	9.19E-05	4.56E-07	1.60E-04	0.000253	9.39E-05	4.49E-07	1.78E-04	2.73E-04	8.92E-05	5.69E-07	3.43E-04	4.32E-04
3125	476363.09, 3846377.25	0.00551	0.00565	0.00545	8.46E-05	4.11E-07	1.46E-04	0.000231	8.64E-05	4.05E-07	1.63E-04	2.49E-04	8.21E-05	5.14E-07	3.12E-04	3.95E-04
3126	476863.09, 3846377.25	0.00475	0.0045	0.00465	7.29E-05	3.28E-07	1.25E-04	0.000198	7.45E-05	3.22E-07	1.39E-04	2.14E-04	7.08E-05	4.09E-07	2.66E-04	3.38E-04
3127	477363.09, 3846377.25	0.00421	0.00443	0.00411	6.46E-05	3.22E-07	1.10E-04	0.000175	6.60E-05	3.17E-07	1.23E-04	1.89E-04	6.27E-05	4.03E-07	2.35E-04	2.99E-04
3128	477863.09, 3846377.25	0.00371	0.00363	0.00353	5.69E-05	2.64E-07	9.47E-05	0.000152	5.82E-05	2.60E-07	1.05E-04	1.64E-04	5.53E-05	3.30E-07	2.02E-04	2.58E-04
3129	478363.09, 3846377.25	0.00344	0.00325	0.0033	5.28E-05	2.37E-07	8.85E-05	0.000142	5.39E-05	2.33E-07	9.84E-05	1.53E-04	5.12E-05	2.96E-07	1.89E-04	2.41E-04
3130	478863.09, 3846377.25	0.00342	0.00349	0.00328	5.25E-05	2.54E-07	8.80E-05	0.000141	5.36E-05	2.50E-07	9.79E-05	1.52E-04	5.09E-05	3.17E-07	1.88E-04	2.39E-04
3131	479363.09, 3846377.25	0.00326	0.00336	0.0031	5.00E-05	2.45E-07	8.31E-05	0.000133	5.11E-05	2.41E-07	9.25E-05	1.44E-04	4.86E-05	3.06E-07	1.78E-04	2.26E-04
3132	479863.09, 3846377.25	0.00299	0.00273	0.00279	4.59E-05	1.99E-07	7.48E-05	0.000121	4.69E-05	1.96E-07	8.32E-05	1.30E-04	4.45E-05	2.48E-07	1.60E-04	2.05E-04

3133	480363.09, 3846377.25	0.00285	0.00261	0.00271	4.37E-05	1.90E-07	7.27E-05	0.000117	4.47E-05	1.87E-07	8.08E-05	1.26E-04	4.25E-05	2.37E-07	1.55E-04	1.98E-04
3134	480863.09, 3846377.25	0.00247	0.00249	0.00235	3.79E-05	1.81E-07	6.30E-05	0.000101	3.87E-05	1.78E-07	7.01E-05	1.09E-04	3.68E-05	2.26E-07	1.35E-04	1.72E-04
3135	481363.09, 3846377.25	0.00234	0.00246	0.00221	3.59E-05	1.79E-07	5.93E-05	9.54E-05	3.67E-05	1.76E-07	6.59E-05	1.03E-04	3.49E-05	2.24E-07	1.27E-04	1.62E-04
3136	481863.09, 3846377.25	0.00216	0.00203	0.00206	3.31E-05	1.48E-07	5.53E-05	8.85E-05	3.39E-05	1.45E-07	6.15E-05	9.55E-05	3.22E-05	1.85E-07	1.18E-04	1.50E-04
3137	482363.09, 3846377.25	0.00193	0.00198	0.00185	2.96E-05	1.44E-07	4.96E-05	7.94E-05	3.03E-05	1.42E-07	5.52E-05	8.56E-05	2.88E-05	1.80E-07	1.06E-04	1.35E-04
3138	482863.09, 3846377.25	0.00168	0.00176	0.00161	2.58E-05	1.28E-07	4.32E-05	6.91E-05	2.63E-05	1.26E-07	4.80E-05	7.45E-05	2.50E-05	1.60E-07	9.22E-05	1.17E-04
3139	483363.09, 3846377.25	0.0017	0.00165	0.00164	2.61E-05	1.20E-07	4.40E-05	7.02E-05	2.67E-05	1.18E-07	4.89E-05	7.57E-05	2.53E-05	1.50E-07	9.39E-05	1.19E-04
3140	483863.09, 3846377.25	0.00166	0.00164	0.00159	2.55E-05	1.19E-07	4.26E-05	6.82E-05	2.60E-05	1.18E-07	4.74E-05	7.36E-05	2.47E-05	1.49E-07	9.11E-05	1.16E-04
3141	484363.09, 3846377.25	0.00152	0.0015	0.00147	2.33E-05	1.09E-07	3.94E-05	6.29E-05	2.38E-05	1.07E-07	4.39E-05	6.78E-05	2.26E-05	1.36E-07	8.42E-05	1.07E-04
3142	484863.09, 3846377.25	0.00159	0.00156	0.00152	2.44E-05	1.14E-07	4.08E-05	6.53E-05	2.49E-05	1.12E-07	4.53E-05	7.04E-05	2.37E-05	1.42E-07	8.71E-05	1.11E-04
3143	485363.09, 3846377.25	0.00154	0.00154	0.00149	2.36E-05	1.12E-07	4.00E-05	6.37E-05	2.41E-05	1.10E-07	4.45E-05	6.87E-05	2.29E-05	1.40E-07	8.54E-05	1.08E-04
3144	485863.09, 3846377.25	0.00143	0.00142	0.0014	2.19E-05	1.03E-07	3.75E-05	5.96E-05	2.24E-05	1.02E-07	4.18E-05	6.43E-05	2.13E-05	1.29E-07	8.02E-05	1.02E-04
3145	486363.09, 3846377.25	0.00125	0.00134	0.00125	1.92E-05	9.75E-08	3.35E-05	5.28E-05	1.96E-05	9.60E-08	3.73E-05	5.70E-05	1.86E-05	1.22E-07	7.16E-05	9.03E-05
3146	486863.09, 3846377.25	0.00119	0.00131	0.00119	1.83E-05	9.54E-08	3.19E-05	5.03E-05	1.87E-05	9.39E-08	3.55E-05	5.43E-05	1.77E-05	1.19E-07	6.82E-05	8.60E-05
3147	487363.09, 3846377.25	0.00119	0.00128	0.0012	1.83E-05	9.32E-08	3.22E-05	5.05E-05	1.87E-05	9.17E-08	3.58E-05	5.45E-05	1.77E-05	1.16E-07	6.87E-05	8.66E-05
3148	487863.09, 3846377.25	0.00127	0.0013	0.00127	1.95E-05	9.46E-08	3.41E-05	5.36E-05	1.99E-05	9.31E-08	3.79E-05	5.79E-05	1.89E-05	1.18E-07	7.28E-05	9.18E-05
3149	488363.09, 3846377.25	0.00124	0.00134	0.00125	1.90E-05	9.75E-08	3.35E-05	5.27E-05	1.94E-05	9.60E-08	3.73E-05	5.68E-05	1.85E-05	1.22E-07	7.16E-05	9.02E-05
3150	488863.09, 3846377.25	0.00124	0.00131	0.00127	1.90E-05	9.54E-08	3.41E-05	5.32E-05	1.94E-05	9.39E-08	3.79E-05	5.74E-05	1.85E-05	1.19E-07	7.28E-05	9.13E-05
3151	489363.09, 3846377.25	0.00124	0.00134	0.00129	1.90E-05	9.75E-08	3.46E-05	5.37E-05	1.94E-05	9.60E-08	3.85E-05	5.80E-05	1.85E-05	1.22E-07	7.39E-05	9.25E-05
3152	489863.09, 3846377.25	0.00121	0.00143	0.00128	1.86E-05	1.04E-07	3.43E-05	5.3E-05	1.90E-05	1.02E-07	3.82E-05	5.73E-05	1.80E-05	1.30E-07	7.33E-05	9.15E-05
3153	490363.09, 3846377.25	0.00111	0.00145	0.00121	1.70E-05	1.06E-07	3.25E-05	4.96E-05	1.74E-05	1.04E-07	3.61E-05	5.36E-05	1.65E-05	1.32E-07	6.93E-05	8.60E-05
3154	490863.09, 3846377.25	0.00109	0.00145	0.0012	1.67E-05	1.06E-07	3.22E-05	4.9E-05	1.71E-05	1.04E-07	3.58E-05	5.30E-05	1.62E-05	1.32E-07	6.87E-05	8.51E-05
3155	491363.09, 3846377.25	0.00111	0.00143	0.00123	1.70E-05	1.04E-07	3.30E-05	5.01E-05	1.74E-05	1.02E-07	3.67E-05	5.42E-05	1.65E-05	1.30E-07	7.05E-05	8.71E-05
3156	491863.09, 3846377.25	0.00125	0.00151	0.00135	1.92E-05	1.10E-07	3.62E-05	5.55E-05	1.96E-05	1.08E-07	4.03E-05	6.00E-05	1.86E-05	1.37E-07	7.73E-05	9.61E-05
3157	492363.09, 3846377.25	0.00126	0.00155	0.00138	1.93E-05	1.13E-07	3.70E-05	5.65E-05	1.98E-05	1.11E-07	4.12E-05	6.10E-05	1.88E-05	1.41E-07	7.91E-05	9.80E-05
3158	492863.09, 3846377.25	0.00132	0.00164	0.00143	2.03E-05	1.19E-07	3.84E-05	5.87E-05	2.07E-05	1.18E-07	4.27E-05	6.35E-05	1.97E-05	1.49E-07	8.19E-05	1.02E-04
3159	493363.09, 3846377.25	0.00146	0.00178	0.00157	2.24E-05	1.30E-07	4.21E-05	6.46E-05	2.29E-05	1.28E-07	4.68E-05	6.99E-05	2.17E-05	1.62E-07	8.99E-05	1.12E-04
3160	493863.09, 3846377.25	0.00157	0.00189	0.00168	2.41E-05	1.38E-07	4.51E-05	6.93E-05	2.46E-05	1.35E-07	5.01E-05	7.49E-05	2.34E-05	1.72E-07	9.62E-05	1.20E-04
3161	494363.09, 3846377.25	0.00168	0.00201	0.0018	2.58E-05	1.46E-07	4.83E-05	7.42E-05	2.63E-05	1.44E-07	5.37E-05	8.02E-05	2.50E-05	1.83E-07	1.03E-04	1.28E-04
3162	494863.09, 3846377.25	0.0018	0.00217	0.00192	2.76E-05	1.58E-07	5.15E-05	7.93E-05	2.82E-05	1.55E-07	5.73E-05	8.57E-05	2.68E-05	1.97E-07	1.10E-04	1.37E-04
3163	495363.09, 3846377.25	0.00192	0.00242	0.00206	2.95E-05	1.76E-07	5.53E-05	8.49E-05	3.01E-05	1.73E-07	6.15E-05	9.17E-05	2.86E-05	2.20E-07	1.18E-04	1.47E-04
3164	495863.09, 3846377.25	0.00207	0.0027	0.00222	3.18E-05	1.97E-07	5.95E-05	9.15E-05	3.25E-05	1.93E-07	6.62E-05	9.89E-05	3.08E-05	2.46E-07	1.27E-04	1.58E-04
3165	496363.09, 3846377.25	0.00223	0.00291	0.00238	3.42E-05	2.12E-07	6.38E-05	9.83E-05	3.50E-05	2.09E-07	7.10E-05	1.06E-04	3.32E-05	2.65E-07	1.36E-04	1.70E-04
3166	496863.09, 3846377.25	0.00238	0.00311	0.00254	3.65E-05	2.26E-07	6.81E-05	0.000105	3.73E-05	2.23E-07	7.58E-05	1.13E-04	3.55E-05	2.83E-07	1.46E-04	1.81E-04
3167	497363.09, 3846377.25	0.00252	0.00332	0.0027	3.87E-05	2.42E-07	7.24E-05	0.000111	3.95E-05	2.38E-07	8.05E-05	1.20E-04	3.75E-05	3.02E-07	1.55E-04	1.93E-04
3168	497863.09, 3846377.25	0.00266	0.00352	0.00283	4.08E-05	2.56E-07	7.59E-05	0.000117	4.17E-05	2.52E-07	8.44E-05	1.26E-04	3.96E-05	3.20E-07	1.62E-04	2.02E-04
3169	498363.09, 3846377.25	0.00278	0.00368	0.00295	4.27E-05	2.68E-07	7.91E-05	0.000122	4.36E-05	2.64E-07	8.80E-05	1.32E-04	4.14E-05	3.35E-07	1.69E-04	2.11E-04
3170	471363.09, 3846877.25	0.00547	0.00579	0.0053	8.39E-05	4.21E-07	1.42E-04	0.000227	8.58E-05	4.15E-07	1.58E-04	2.44E-04	8.15E-05	5.27E-07	3.04E-04	3.86E-04
3171	471863.09, 3846877.25	0.00555	0.00576	0.00531	8.52E-05	4.19E-07	1.42E-04	0.000228	8.70E-05	4.13E-07	1.58E-04	2.46E-04	8.27E-05	5.24E-07	3.04E-04	3.87E-04
3172	472363.09, 3846877.25	0.00523	0.00545	0.00504	8.03E-05	3.97E-07	1.35E-04	0.000216	8.20E-05	3.91E-07	1.50E-04	2.33E-04	7.79E-05	4.96E-07	2.89E-04	3.67E-04
3173	472863.09, 3846877.25	0.00335	0.00356	0.00335	5.14E-05	2.59E-07	8.98E-05	0.000142	5.25E-05	2.55E-07	9.99E-05	1.53E-04	4.99E-05	3.24E-07	1.92E-04	2.42E-04
3174	473363.09, 3846877.25	0.00354	0.00376	0.0035	5.43E-05	2.74E-07	9.39E-05	0.000148	5.55E-05	2.69E-07	1.04E-04	1.60E-04	5.27E-05	3.42E-07	2.00E-04	2.54E-04
3175	473863.09, 3846877.25	0.00366	0.00381	0.00357	5.62E-05	2.77E-07	9.57E-05	0.000152	5.74E-05	2.73E-07	1.07E-04	1.64E-04	5.45E-05	3.47E-07	2.05E-04	2.59E-04
3176	474363.09, 3846877.25	0.00372	0.00377	0.00361	5.71E-05	2.74E-07	9.68E-05	0.000154	5.83E-05	2.70E-07	1.08E-04	1.66E-04	5.54E-05	3.43E-07	2.07E-04	2.63E-04
3177	474863.09, 3846877.25	0.00408	0.00411	0.00397	6.26E-05	2.99E-07	1.06E-04	0.000169	6.40E-05	2.94E-07	1.18E-04	1.83E-04	6.08E-05	3.74E-07	2.27E-04	2.89E-04
3178	475363.09, 3846877.25	0.00484	0.00494	0.00473	7.43E-05	3.60E-07	1.27E-04	0.000201	7.59E-05	3.54E-07	1.41E-04	2.17E-04	7.21E-05	4.49E-07	2.71E-04	3.44E-04
3179	475863.09, 3846877.25	0.00627	0.00651	0.00621	9.62E-05	4.74E-07	1.67E-04	0.000263	9.83E-05	4.66E-07	1.85E-04	2.84E-04	9.34E-05	5.92E-07	3.56E-04	4.50E-04
3180	476363.09, 3846877.25	0.00658	0.00691	0.00656	1.01E-04	5.03E-07	1.76E-04	0.000277	1.03E-04	4.95E-07	1.96E-04	2.99E-04	9.80E-05	6.29E-07	3.76E-04	4.74E-04
3181	476863.09, 3846877.25	0.00598	0.00607	0.00589	9.18E-05	4.42E-07	1.58E-04	0.00025	9.38E-05	4.35E-07	1.76E-04	2.70E-04	8.91E-05	5.52E-07	3.37E-04	4.27E-04
3182	477363.09, 3846877.25	0.00521	0.00496	0.00509	7.99E-05	3.61E-07	1.37E-04	0.000217	8.17E-05	3.55E-07	1.52E-04	2.34E-04	7.76E-05	4.51E-07	2.92E-04	3.70E-04
3183	477863.09, 3846877.25	0.00452	0.00485	0.00438	6.94E-05	3.53E-07	1.17E-04	0.000187	7.09E-05	3.48E-07	1.31E-04	2.02E-04	6.73E-05	4.41E-07	2.51E-04	3.19E-04
3184	478363.09, 3846877.25	0.00416	0.00385	0.00394	6.38E-05	2.80E-07	1.06E-04	0.00017	6.52E-05	2.76E-07	1.18E-04	1.83E-04	6.20E-05	3.50E-07	2.26E-04	2.88E-04
3185	478863.09, 3846877.25	0.0041	0.004	0.00388	6.29E-05	2.91E-07	1.04E-04	0.000167	6.43E-05	2.87E-07	1.16E-04	1.80E-04	6.11E-05	3.64E-07	2.22E-04	2.84E-04
3186	479363.09, 3846877.25	0.00385	0.004	0.00368	5.91E-05	2.91E-07	9.87E-05	0.000158	6.04E-05	2.87E-07	1.10E-04	1.70E-04	5.74E-05	3.64E-07	2.11E-04	2.69E-04
3187	479863.09, 3846877.25	0.00305	0.00298	0.00287	4.68E-05	2.17E-07	7.70E-05	0.000124	4.78E-05	2.14E-07	8.56E-05	1.34E-04	4.54E-05	2.71E-07	1.64E-04	2.10E-04
3188	480363.09, 3846877.25	0.00259	0.00244	0.00247	3.97E-05	1.78E-07	6.62E-05	0.000106	4.06E-05	1.75E-07	7.37E-05	1.14E-04	3.86E-05	2.22E-07	1.41E-04	1.80E-04
3189	480863.09, 3846877.25	0.00241	0.00239	0.00233	3.70E-05	1.74E-07	6.25E-05	9.96E-05	3.78E-05	1.71E-07	6.95E-05	1.07E-04	3.59E-05	2.17E-07	1.33E-04	1.70E-04
3190	481363.09, 3846877.25	0.00247	0.00262	0.00234	3.79E-05	1.91E-07	6.28E-05	0.000101	3.87E-05	1.88E-07	6.98E-05	1.09E-04	3.68E-05	2.38E-07	1.34E-04	1.71E-04
3191	481863.09, 3846877.25	0.00237	0.00231	0.00226	3.64E-05	1.68E-07	6.06E-05	9.72E-05	3.72E-05	1.66E-07	6.74E-05	1.05E-04	3.53E-05	2.10E-07	1.29E-04	1.65E-04
3192	482363.09, 3846877.25	0.00207	0.0021	0.00199	3.18E-05	1.53E-07	5.34E-05	8.53E-05	3.25E-05	1.50E-07	5.94E-05	9.20E-05	3.08E-05	1.91E-07	1.14E-04	1.45E-04
3193	482863.09, 3846877.25	0.00202	0.00209	0.00191	3.10E-05	1.52E-07	5.12E-05	8.24E-05	3.17E-05	1.50E-07	5.70E-05	8.88E-05	3.01E-05	1.90E-07	1.09E-04	1.40E-04
3194	483363.09, 3846877.25	0.00194	0.00185	0.00185	2.98E-05	1.35E-07	4.96E-05	7.95E-05	3.04E-05	1.33E-07	5.52E-05	8.57E-05	2.89E-05	1.68E-07	1.06E-04	1.35E-04
3195	483863.09, 3846877.25	0.00187	0.00187	0.00179	2.87E-05	1.36E-07	4.80E-05	7.68E-05	2.93E-05	1.34E-07	5.34E-05	8.29E-05	2.79E-05	1.70E-07	1.03E-04	1.31E-04
3196	484363.09, 3846877.25	0.00181	0.00177	0.00173	2.78E-05	1.29E-07	4.64E-05	7.43E-05	2.84E-05	1.27E-07	5.16E-05	8.01E-05	2.70E-05	1.61E-07	9.91E-05	1.26E-04
3197	484863.09, 3846877.25	0.00175	0.00169	0.00166	2.69E-05	1.23E-07	4.45E-05	7.15E-05	2.74E-05	1.21E-07	4.95E-05	7.71E-05	2.61E-05	1.54E-07	9.51E-05	1.21E-04
3198	485363.09, 3846877.25	0.00171	0.00168	0.00165	2.62E-05	1.22E-07	4.43E-05	7.06E-05	2.68E-05	1.20E-07	4.92E-05	7.62E-05	2.55E-05	1.53E-07	9.45E-05	1.20E-04
3199	485863.09, 3846877.25	0.0016	0.00164	0.00157	2.46E-05	1.19E-07	4.21E-05	6.68E-05	2.51E-05	1.18E-07	4.68E-05	7.20E-05	2.38E-05	1.49E-07	8.99E-05	1.14E-04
3200	486363.09, 3846877.25	0.00163	0.00172	0.00157	2.50E-05	1.25E-07	4.21E-05	6.72E-05	2.56E-05	1.23E-07	4.68E-05	7.25E-05	2.43E-05	1.56E-07	8.99E-05	1.14E-04
3201	486863.09, 3846877.25	0.00144	0.00152	0.00141	2.21E-05	1.11E-07	3.78E-05	6E-05	2.26E-05	1.09E-07	4.21E-05	6.48E-05	2.15E-05	1.38E-07	8.08E-05	1.02E-04
3202	487363.09, 3846877.25	0.00143	0.00148	0.00141	2.19E-05	1.08E-07	3.78E-05	5.99E-05	2.24E-05	1.06E-07	4.21E-05	6.46E-05	2.13E-05	1.35E-07	8.08E-05	1.02E-04
3203	487863.09, 3846877.25	0.0014	0.00146	0.0014	2.15E-05	1.06E-07	3.75E-05	5.91E-05	2.20E-05	1.05E-07	4.18E-05	6.38E-05	2.09E-05	1.33E-07	8.02E-05	1.01E-04
3204	488363.09, 3846877.25	0.00137	0.00149	0.00139	2.10E-05	1.08E-07	3.73E-05	5.84E-05	2.15E-05	1.07E-07	4.15E-05	6.31E-05	2.04E-05	1.36E-07	7.96E-05	1.00E-04
3205	488863.09, 3846877.25	0.00138	0.00145	0.00142	2.12E-05	1.06E-07	3.81E-05	5.94E-05	2.16E-05	1.04E-07	4.24E-05	6.41E-05	2.06E-05	1.32E-07	8.13E-05	1.02E-04
3206	489363.09, 3846877.25	0.00139	0.00155	0.00145	2.13E-05	1.13E-07	3.89E-05	6.03E-05	2.18E-05	1.11E-07	4.33E-05	6.52E-05	2.07E-05	1.41E-07	8.31E-05	1.04E-04
3207	489863.09, 3846877.25	0.00138	0.00171	0.00144	2.12E-05	1.24E-07	3.86E-05	5.99E-05	2.16E-05	1.23E-07	4.30E-05	6.47E-05	2.06E-05	1.56E-07	8.25E-05	1.03E-04
3208	490363.09, 3846877.25	0.00128	0.0017	0.00137	1.96E-05	1.24E-07	3.67E-05	5.65E-05	2.01E-05	1.22E-07	4.09E-05	6.11E-05	1.91E-05	1.55E-07	7.85E-05	9.77E-05
3209	490863.09, 3846877.25	0.00129	0.00165	0.00139	1.98E-05	1.20E-07	3.73E-05	5.72E-05	2.02E-05	1.18E-07	4.15E-05	6.18E-05	1.92E-05	1.50E-07	7.96E-05	9.90E-05
3210	491363.09, 3846877.25	0.00132	0.00164	0.00143	2.03E-05	1.19E-07	3.84E-05	5.87E-05	2.07E-05	1.18E-07	4.27E-05	6.35E-05	1.97E-05	1.49E-07	8.19E-05	1.02E-04
3211	491863.09, 3846877.25	0.00132	0.00163	0.00144	2.03E-05	1.19E-07	3.86E-05	5.9E-05	2.07E-05	1.17E-07	4.30E-05	6.38E-05	1.97E-05	1.48E-07	8.25E-05	1.02E-04
3212	492363.09, 3846877.25	0.00149	0.00185	0.0016	2.29E-05	1.35E-07	4.29E-05	6.59E-05	2.34E-05	1.33E-07	4.77E-05	7.12E-05	2.22E-05	1.68E-07	9.17E-05	1.14E-04
3213	492863.09, 3846877.25	0.00157	0.00193	0.00168	2.41E-05	1.40E-07	4.51E-05	6.93E-05	2.46E-05	1.38E-07	5.01E-05	7.49E-05	2.34E-05	1.76E-07	9.62E-05	1.20E-04
3214	493363.09, 3846877.25	0.00169	0.00205	0.00181	2.59E-05	1.49E-07	4.85E-05	7.46E-05	2.65E-05	1.47E-07	5.40E-05	8.06E-05	2.52E-05	1.86E-07	1.04E-04	1.29E-04
3215	493863.09, 3846877.25	0.0018	0.00218	0.00193	2.76E-05	1.59E-07	5.18E-05	7.95E-05	2.82E-05	1.56E-07	5.76E-05	8.60E-05	2.68E-05	1.98E-07	1.11E-04	1.38E-04
3216	494363.09, 3846877.25	0.00191	0.00234	0.00205	2.93E-05	1.70E-07	5.50E-05	8.45E-05	2.99E-05	1.68E-07	6.12E-05	9.13E-05	2.85E-05	2.13E-07	1.17E-04	1.46E-04
3217	494863.09, 3846877.25	0.00204	0.0026	0.00219	3.13E-05	1.89E-07	5.87E-05	9.02E-05	3.20E-05	1.86E-07	6.53E-05	9.75E-05	3.04E-05	2.37E-07	1.25E-04	1.56E-04
3218	495363.09, 3846877.25	0.00217	0.00289	0.00234	3.33E-05	2.10E-07	6.28E-05	9.63E-05	3.40E-05	2.07E-07	6.98E-05	1.04E-04	3.23E-05	2.63E-07	1.34E-04	1.67E-04
3219	495863.09, 3846877.25	0.00231	0.00309	0.00249	3.54E-05	2.25E-07	6.68E-05	0.000102	3.62E-05	2.21E-07	7.43E-05	1.11E-04	3.44E-05	2.81E-07	1.43E-04	1.77E-04
3220	496363.09, 3846877.25	0.00247	0.00328	0.00265	3.79E-05	2.39E-07	7.11E-05	0.000109	3.87E-05	2.35E-07	7.91E-05	1.18E-04	3.68E-05	2.98E-07	1.52E-04	1.89E-04
3221	496863.09, 3846877.25	0.00266	0.00355	0.00285	4.08E-05	2.58E-07	7.64E-05	0.000118	4.17E-05	2.54E-07	8.50E-05	1.27E-04	3.96E-05	3.23E-07	1.63E-04	2.03E-04
3222	497363.09, 3846877.25	0.0029	0.00388	0.00309	4.45E-05	2.82E-07	8.29E-05	0.000128	4.55E-05	2.78E-07	9.22E-05	1.38E-04	4.32E-05	3.53E-07	1.77E-04	2.21E-04
3223	497863.09, 3846877.25	0.00311	0.00416	0.00331	4.77E-05	3.03E-07	8.88E-05	0.000137	4.88E-05	2.98E-07	9.87E-05	1.48E-04	4.63E-05	3.78E-07	1.90E-04	2.36E-04
3224	498363.09, 3846877.25	0.00323	0.00428	0.00343	4.96E-05	3.12E-07	9.20E-05	0.000142	5.06E-05	3.07E-07	1.02E-04	1.53E-04	4.81E-05	3.89E-07	1.96E-04	2.45E-04
3225	471363.09, 3847377.25	0.00589	0.00631	0.0058	9.04E-05	4.59E-07	1.56E-04	0.000246	9.23E-05	4.52E-07	1.73E-04	2.66E-04	8.77E-05	5.74E-07	3.32E-04	4.21E-04
3226	471863.09, 3847377.25	0.00598	0.00642	0.00583	9.18E-05	4.67E-07	1.56E-04	0.000249	9.38E-05	4.60E-07	1.74E-04	2.68E-04	8.91E-05	5.84E-07	3.34E-04	4.24E-04
3227	472363.09, 3847377.25	0.00607	0.00639	0.00583	9.31E-05	4.65E-07	1.56E-04	0.00025	9.52E-05	4.58E-07	1.74E-04	2.70E-04	9.04E-05	5.81E-07	3.34E-04	4.25E-04
3228	472863.09, 3847377.25	0.0058	0.00606	0.00558	8.90E-05	4.41E-07	1.50E-04	0.000239	9.09E-05	4.34E-07	1.66E-04	2.58E-04	8.64E-05	5.51E-07	3.20E-04	4.07E-04
3229	473363.09, 3847377.25	0.00454	0.00477	0.00445	6.97E-05	3.47E-07	1.19E-04	0.000189	7.12E-05	3.42E-07	1.33E-04	2.04E-04	6.76E-05	4.34E-07	2.55E-04	3.23E-04
3230	473863.09, 3847377.25	0.00436	0.00461	0.00427	6.69E-05	3.36E-07	1.15E-04	0.000182	6.84E-05	3.30E-07	1.27E-04	1.96E-04	6.50E-05	4.19E-07	2.45E-04	3.10E-04

3231	474363.09, 3847377.25	0.00436	0.00458	0.00423	6.69E-05	3.33E-07	1.13E-04	0.000181	6.84E-05	3.28E-07	1.26E-04	1.95E-04	6.50E-05	4.17E-07	2.42E-04	3.08E-04
3232	474863.09, 3847377.25	0.00418	0.00425	0.00404	6.41E-05	3.09E-07	1.08E-04	0.000173	6.55E-05	3.05E-07	1.21E-04	1.86E-04	6.23E-05	3.87E-07	2.31E-04	2.94E-04
3233	475363.09, 3847377.25	0.00434	0.00439	0.00422	6.66E-05	3.20E-07	1.13E-04	0.00018	6.80E-05	3.15E-07	1.26E-04	1.94E-04	6.47E-05	3.99E-07	2.42E-04	3.07E-04
3234	475863.09, 3847377.25	0.00582	0.00598	0.00568	8.93E-05	4.35E-07	1.52E-04	0.000242	9.13E-05	4.28E-07	1.69E-04	2.61E-04	8.67E-05	5.44E-07	3.25E-04	4.13E-04
3235	476363.09, 3847377.25	0.0077	0.00812	0.00763	1.18E-04	5.91E-07	2.05E-04	0.000323	1.21E-04	5.82E-07	2.28E-04	3.49E-04	1.15E-04	7.39E-07	4.37E-04	5.53E-04
3236	476863.09, 3847377.25	0.00735	0.00777	0.00733	1.13E-04	5.66E-07	1.97E-04	0.00031	1.15E-04	5.57E-07	2.19E-04	3.34E-04	1.09E-04	7.07E-07	4.20E-04	5.30E-04
3237	477363.09, 3847377.25	0.00674	0.00677	0.00662	1.03E-04	4.93E-07	1.78E-04	0.000281	1.06E-04	4.85E-07	1.97E-04	3.04E-04	1.00E-04	6.16E-07	3.79E-04	4.80E-04
3238	477863.09, 3847377.25	0.00572	0.00556	0.0056	8.78E-05	4.05E-07	1.50E-04	0.000238	8.97E-05	3.98E-07	1.67E-04	2.57E-04	8.52E-05	5.06E-07	3.21E-04	4.07E-04
3239	478363.09, 3847377.25	0.00513	0.00548	0.00492	7.87E-05	3.99E-07	1.32E-04	0.000211	8.04E-05	3.93E-07	1.47E-04	2.28E-04	7.64E-05	4.98E-07	2.82E-04	3.59E-04
3240	478863.09, 3847377.25	0.00487	0.00445	0.00461	7.47E-05	3.24E-07	1.24E-04	0.000199	7.64E-05	3.19E-07	1.38E-04	2.14E-04	7.25E-05	4.05E-07	2.64E-04	3.37E-04
3241	479363.09, 3847377.25	0.00396	0.00395	0.00377	6.08E-05	2.88E-07	1.01E-04	0.000162	6.21E-05	2.83E-07	1.12E-04	1.75E-04	5.90E-05	3.59E-07	2.16E-04	2.75E-04
3242	479863.09, 3847377.25	0.00292	0.0031	0.00281	4.48E-05	2.26E-07	7.54E-05	0.00012	4.58E-05	2.22E-07	8.38E-05	1.30E-04	4.35E-05	2.82E-07	1.61E-04	2.05E-04
3243	480363.09, 3847377.25	0.0022	0.00219	0.00215	3.38E-05	1.59E-07	5.77E-05	9.16E-05	3.45E-05	1.57E-07	6.41E-05	9.88E-05	3.28E-05	1.99E-07	1.23E-04	1.56E-04
3244	480863.09, 3847377.25	0.002	0.00207	0.00198	3.07E-05	1.51E-07	5.31E-05	8.39E-05	3.14E-05	1.48E-07	5.91E-05	9.06E-05	2.98E-05	1.88E-07	1.13E-04	1.43E-04
3245	481363.09, 3847377.25	0.00218	0.00237	0.00212	3.35E-05	1.73E-07	5.69E-05	9.05E-05	3.42E-05	1.70E-07	6.32E-05	9.76E-05	3.25E-05	2.16E-07	1.21E-04	1.54E-04
3246	481863.09, 3847377.25	0.0026	0.00265	0.00247	3.99E-05	1.93E-07	6.62E-05	0.000106	4.08E-05	1.90E-07	7.37E-05	1.15E-04	3.87E-05	2.41E-07	1.41E-04	1.80E-04
3247	482363.09, 3847377.25	0.00248	0.00247	0.00236	3.81E-05	1.80E-07	6.33E-05	0.000102	3.89E-05	1.77E-07	7.04E-05	1.09E-04	3.69E-05	2.25E-07	1.35E-04	1.72E-04
3248	482863.09, 3847377.25	0.00234	0.0024	0.0022	3.59E-05	1.75E-07	5.90E-05	9.51E-05	3.67E-05	1.72E-07	6.56E-05	1.02E-04	3.49E-05	2.18E-07	1.26E-04	1.61E-04
3249	483363.09, 3847377.25	0.00218	0.00206	0.00209	3.35E-05	1.50E-07	5.61E-05	8.97E-05	3.42E-05	1.48E-07	6.23E-05	9.67E-05	3.25E-05	1.87E-07	1.20E-04	1.52E-04
3250	483863.09, 3847377.25	0.0021	0.00215	0.00201	3.22E-05	1.57E-07	5.39E-05	8.63E-05	3.29E-05	1.54E-07	6.00E-05	9.30E-05	3.13E-05	1.96E-07	1.15E-04	1.47E-04
3251	484363.09, 3847377.25	0.00212	0.00206	0.00202	3.25E-05	1.50E-07	5.42E-05	8.69E-05	3.32E-05	1.48E-07	6.03E-05	9.36E-05	3.16E-05	1.87E-07	1.16E-04	1.47E-04
3252	484863.09, 3847377.25	0.00202	0.0019	0.00191	3.10E-05	1.38E-07	5.12E-05	8.24E-05	3.17E-05	1.36E-07	5.70E-05	8.88E-05	3.01E-05	1.73E-07	1.09E-04	1.40E-04
3253	485363.09, 3847377.25	0.00194	0.00192	0.00187	2.98E-05	1.40E-07	5.02E-05	8.01E-05	3.04E-05	1.38E-07	5.58E-05	8.63E-05	2.89E-05	1.75E-07	1.07E-04	1.36E-04
3254	485863.09, 3847377.25	0.00191	0.002	0.00184	2.93E-05	1.46E-07	4.93E-05	7.88E-05	2.99E-05	1.43E-07	5.49E-05	8.50E-05	2.85E-05	1.82E-07	1.05E-04	1.34E-04
3255	486363.09, 3847377.25	0.00188	0.00195	0.0018	2.88E-05	1.42E-07	4.83E-05	7.73E-05	2.95E-05	1.40E-07	5.37E-05	8.33E-05	2.80E-05	1.77E-07	1.03E-04	1.31E-04
3256	486863.09, 3847377.25	0.0017	0.00175	0.00165	2.61E-05	1.27E-07	4.43E-05	7.05E-05	2.67E-05	1.25E-07	4.92E-05	7.60E-05	2.53E-05	1.59E-07	9.45E-05	1.20E-04
3257	487363.09, 3847377.25	0.00168	0.00171	0.00164	2.58E-05	1.24E-07	4.40E-05	6.99E-05	2.63E-05	1.23E-07	4.89E-05	7.54E-05	2.50E-05	1.56E-07	9.39E-05	1.19E-04
3258	487863.09, 3847377.25	0.00158	0.00165	0.00157	2.42E-05	1.20E-07	4.21E-05	6.65E-05	2.48E-05	1.18E-07	4.68E-05	7.17E-05	2.35E-05	1.50E-07	8.99E-05	1.14E-04
3259	488363.09, 3847377.25	0.00155	0.00166	0.00157	2.38E-05	1.21E-07	4.21E-05	6.6E-05	2.43E-05	1.19E-07	4.68E-05	7.13E-05	2.31E-05	1.51E-07	8.99E-05	1.13E-04
3260	488863.09, 3847377.25	0.00156	0.00167	0.0016	2.39E-05	1.22E-07	4.29E-05	6.7E-05	2.45E-05	1.20E-07	4.77E-05	7.23E-05	2.32E-05	1.52E-07	9.17E-05	1.15E-04
3261	489363.09, 3847377.25	0.00159	0.00187	0.00163	2.44E-05	1.36E-07	4.37E-05	6.83E-05	2.49E-05	1.34E-07	4.86E-05	7.37E-05	2.37E-05	1.70E-07	9.34E-05	1.17E-04
3262	489863.09, 3847377.25	0.00155	0.00203	0.00162	2.38E-05	1.48E-07	4.34E-05	6.74E-05	2.43E-05	1.45E-07	4.83E-05	7.28E-05	2.31E-05	1.85E-07	9.28E-05	1.16E-04
3263	490363.09, 3847377.25	0.00152	0.00197	0.00161	2.33E-05	1.43E-07	4.32E-05	6.66E-05	2.38E-05	1.41E-07	4.80E-05	7.20E-05	2.26E-05	1.79E-07	9.22E-05	1.15E-04
3264	490863.09, 3847377.25	0.00155	0.00193	0.00165	2.38E-05	1.40E-07	4.43E-05	6.82E-05	2.43E-05	1.38E-07	4.92E-05	7.37E-05	2.31E-05	1.76E-07	9.45E-05	1.18E-04
3265	491363.09, 3847377.25	0.00157	0.00193	0.00168	2.41E-05	1.40E-07	4.51E-05	6.93E-05	2.46E-05	1.38E-07	5.01E-05	7.49E-05	2.34E-05	1.76E-07	9.62E-05	1.20E-04
3266	491863.09, 3847377.25	0.0017	0.00212	0.00181	2.61E-05	1.54E-07	4.85E-05	7.48E-05	2.67E-05	1.52E-07	5.40E-05	8.08E-05	2.53E-05	1.93E-07	1.04E-04	1.29E-04
3267	492363.09, 3847377.25	0.00174	0.00216	0.00186	2.67E-05	1.57E-07	4.99E-05	7.67E-05	2.73E-05	1.55E-07	5.55E-05	8.29E-05	2.59E-05	1.96E-07	1.07E-04	1.33E-04
3268	492863.09, 3847377.25	0.00186	0.00226	0.002	2.85E-05	1.65E-07	5.36E-05	8.23E-05	2.92E-05	1.62E-07	5.97E-05	8.90E-05	2.77E-05	2.06E-07	1.15E-04	1.42E-04
3269	493363.09, 3847377.25	0.00197	0.00241	0.00212	3.02E-05	1.75E-07	5.69E-05	8.73E-05	3.09E-05	1.73E-07	6.32E-05	9.43E-05	2.93E-05	2.19E-07	1.21E-04	1.51E-04
3270	493863.09, 3847377.25	0.00204	0.00254	0.0022	3.13E-05	1.85E-07	5.90E-05	9.05E-05	3.20E-05	1.82E-07	6.56E-05	9.78E-05	3.04E-05	2.31E-07	1.26E-04	1.57E-04
3271	494363.09, 3847377.25	0.00212	0.00277	0.00229	3.25E-05	2.02E-07	6.14E-05	9.42E-05	3.32E-05	1.98E-07	6.83E-05	1.02E-04	3.16E-05	2.52E-07	1.31E-04	1.63E-04
3272	494863.09, 3847377.25	0.00225	0.00304	0.00243	3.45E-05	2.21E-07	6.52E-05	9.99E-05	3.53E-05	2.18E-07	7.25E-05	1.08E-04	3.35E-05	2.77E-07	1.39E-04	1.73E-04
3273	495363.09, 3847377.25	0.00237	0.00323	0.00256	3.64E-05	2.35E-07	6.87E-05	0.000105	3.72E-05	2.31E-07	7.64E-05	1.14E-04	3.53E-05	2.94E-07	1.47E-04	1.82E-04
3274	495863.09, 3847377.25	0.00253	0.00342	0.00273	3.88E-05	2.49E-07	7.32E-05	0.000112	3.97E-05	2.45E-07	8.14E-05	1.21E-04	3.77E-05	3.11E-07	1.56E-04	1.94E-04
3275	496363.09, 3847377.25	0.00269	0.00364	0.00289	4.13E-05	2.65E-07	7.75E-05	0.000119	4.22E-05	2.61E-07	8.62E-05	1.29E-04	4.01E-05	3.31E-07	1.66E-04	2.06E-04
3276	496863.09, 3847377.25	0.00294	0.00399	0.00315	4.51E-05	2.90E-07	8.45E-05	0.00013	4.61E-05	2.86E-07	9.40E-05	1.40E-04	4.38E-05	3.63E-07	1.80E-04	2.25E-04
3277	497363.09, 3847377.25	0.00325	0.00438	0.00347	4.99E-05	3.19E-07	9.31E-05	0.000143	5.10E-05	3.14E-07	1.04E-04	1.55E-04	4.84E-05	3.98E-07	1.99E-04	2.48E-04
3278	497863.09, 3847377.25	0.00361	0.0048	0.00384	5.54E-05	3.49E-07	1.03E-04	0.000159	5.66E-05	3.44E-07	1.15E-04	1.72E-04	5.38E-05	4.37E-07	2.20E-04	2.74E-04
3279	498363.09, 3847377.25	0.0038	0.005	0.00405	5.83E-05	3.64E-07	1.09E-04	0.000167	5.96E-05	3.58E-07	1.21E-04	1.81E-04	5.66E-05	4.55E-07	2.32E-04	2.89E-04
3280	471363.09, 3847877.25	0.00635	0.00701	0.00633	9.74E-05	5.10E-07	1.70E-04	0.000268	9.96E-05	5.02E-07	1.89E-04	2.89E-04	9.46E-05	6.38E-07	3.63E-04	4.58E-04
3281	471863.09, 3847877.25	0.00652	0.00704	0.00644	1.00E-04	5.12E-07	1.73E-04	0.000273	1.02E-04	5.04E-07	1.92E-04	2.95E-04	9.71E-05	6.40E-07	3.69E-04	4.67E-04
3282	472363.09, 3847877.25	0.00661	0.00714	0.00647	1.01E-04	5.20E-07	1.74E-04	0.000275	1.04E-04	5.12E-07	1.93E-04	2.97E-04	9.85E-05	6.49E-07	3.71E-04	4.70E-04
3283	472863.09, 3847877.25	0.00667	0.00715	0.00645	1.02E-04	5.20E-07	1.73E-04	0.000276	1.05E-04	5.12E-07	1.92E-04	2.98E-04	9.94E-05	6.50E-07	3.69E-04	4.70E-04
3284	473363.09, 3847877.25	0.00675	0.00712	0.00646	1.04E-04	5.18E-07	1.73E-04	0.000277	1.06E-04	5.10E-07	1.93E-04	2.99E-04	1.01E-04	6.48E-07	3.70E-04	4.71E-04
3285	473863.09, 3847877.25	0.00631	0.00666	0.00607	9.68E-05	4.85E-07	1.63E-04	0.00026	9.89E-05	4.77E-07	1.81E-04	2.80E-04	9.40E-05	6.06E-07	3.48E-04	4.42E-04
3286	474363.09, 3847877.25	0.00512	0.00541	0.00499	7.86E-05	3.94E-07	1.34E-04	0.000213	8.03E-05	3.88E-07	1.49E-04	2.30E-04	7.63E-05	4.92E-07	2.86E-04	3.63E-04
3287	474863.09, 3847877.25	0.00511	0.00542	0.00495	7.84E-05	3.95E-07	1.33E-04	0.000212	8.01E-05	3.88E-07	1.48E-04	2.28E-04	7.61E-05	4.93E-07	2.84E-04	3.60E-04
3288	475363.09, 3847877.25	0.00468	0.00478	0.00452	7.18E-05	3.48E-07	1.21E-04	0.000193	7.34E-05	3.42E-07	1.35E-04	2.09E-04	6.97E-05	4.35E-07	2.59E-04	3.29E-04
3289	475863.09, 3847877.25	0.00479	0.00485	0.00464	7.35E-05	3.53E-07	1.24E-04	0.000198	7.51E-05	3.48E-07	1.38E-04	2.14E-04	7.14E-05	4.41E-07	2.66E-04	3.38E-04
3290	476363.09, 3847877.25	0.00719	0.00748	0.00701	1.10E-04	5.44E-07	1.88E-04	0.000299	1.13E-04	5.36E-07	2.09E-04	3.22E-04	1.07E-04	6.80E-07	4.02E-04	5.09E-04
3291	476863.09, 3847877.25	0.00867	0.00921	0.00859	1.33E-04	6.70E-07	2.30E-04	0.000364	1.36E-04	6.60E-07	2.56E-04	3.93E-04	1.29E-04	8.38E-07	4.92E-04	6.22E-04
3292	477363.09, 3847877.25	0.00856	0.00915	0.00852	1.31E-04	6.66E-07	2.29E-04	0.000361	1.34E-04	6.56E-07	2.54E-04	3.89E-04	1.28E-04	8.32E-07	4.88E-04	6.16E-04
3293	477863.09, 3847877.25	0.00756	0.0075	0.0074	1.16E-04	5.46E-07	1.98E-04	0.000315	1.19E-04	5.37E-07	2.21E-04	3.40E-04	1.13E-04	6.82E-07	4.24E-04	5.37E-04
3294	478363.09, 3847877.25	0.00646	0.00652	0.00632	9.91E-05	4.75E-07	1.70E-04	0.000269	1.01E-04	4.67E-07	1.89E-04	2.90E-04	9.62E-05	5.93E-07	3.62E-04	4.59E-04
3295	478863.09, 3847877.25	0.0057	0.00583	0.00542	8.75E-05	4.24E-07	1.45E-04	0.000233	8.94E-05	4.18E-07	1.62E-04	2.51E-04	8.49E-05	5.30E-07	3.10E-04	3.96E-04
3296	479363.09, 3847877.25	0.00396	0.00379	0.00382	6.08E-05	2.76E-07	1.02E-04	0.000163	6.21E-05	2.72E-07	1.14E-04	1.76E-04	5.90E-05	3.45E-07	2.19E-04	2.78E-04
3297	479863.09, 3847877.25	0.00251	0.00269	0.00248	3.85E-05	1.96E-07	6.65E-05	0.000105	3.94E-05	1.93E-07	7.40E-05	1.14E-04	3.74E-05	2.45E-07	1.42E-04	1.80E-04
3298	480363.09, 3847877.25	0.00258	0.00266	0.00251	3.96E-05	1.94E-07	6.73E-05	0.000107	4.05E-05	1.91E-07	7.49E-05	1.16E-04	3.84E-05	2.42E-07	1.44E-04	1.82E-04
3299	480863.09, 3847877.25	0.00233	0.00235	0.00228	3.58E-05	1.71E-07	6.12E-05	9.71E-05	3.65E-05	1.68E-07	6.80E-05	1.05E-04	3.47E-05	2.14E-07	1.31E-04	1.66E-04
3300	481363.09, 3847877.25	0.00236	0.00251	0.00231	3.62E-05	1.83E-07	6.20E-05	9.84E-05	3.70E-05	1.80E-07	6.89E-05	1.06E-04	3.52E-05	2.28E-07	1.32E-04	1.68E-04
3301	481863.09, 3847877.25	0.00302	0.00311	0.00285	4.63E-05	2.26E-07	7.64E-05	0.000123	4.74E-05	2.23E-07	8.50E-05	1.33E-04	4.50E-05	2.83E-07	1.63E-04	2.09E-04
3302	482363.09, 3847877.25	0.00284	0.00286	0.00271	4.36E-05	2.08E-07	7.27E-05	0.000116	4.45E-05	2.05E-07	8.08E-05	1.26E-04	4.23E-05	2.60E-07	1.55E-04	1.98E-04
3303	482863.09, 3847877.25	0.00263	0.00271	0.00247	4.04E-05	1.97E-07	6.62E-05	0.000107	4.12E-05	1.94E-07	7.37E-05	1.15E-04	3.92E-05	2.47E-07	1.41E-04	1.81E-04
3304	483363.09, 3847877.25	0.00249	0.00231	0.00235	3.82E-05	1.68E-07	6.30E-05	0.000101	3.90E-05	1.66E-07	7.01E-05	1.09E-04	3.71E-05	2.10E-07	1.35E-04	1.72E-04
3305	483863.09, 3847877.25	0.00242	0.00246	0.0023	3.71E-05	1.79E-07	6.17E-05	9.9E-05	3.79E-05	1.76E-07	6.86E-05	1.07E-04	3.61E-05	2.24E-07	1.32E-04	1.68E-04
3306	484363.09, 3847877.25	0.00242	0.00234	0.00228	3.71E-05	1.70E-07	6.12E-05	9.85E-05	3.79E-05	1.68E-07	6.80E-05	1.06E-04	3.61E-05	2.13E-07	1.31E-04	1.67E-04
3307	484863.09, 3847877.25	0.00233	0.00215	0.00221	3.58E-05	1.57E-07	5.93E-05	9.52E-05	3.65E-05	1.54E-07	6.59E-05	1.03E-04	3.47E-05	1.96E-07	1.27E-04	1.62E-04
3308	485363.09, 3847877.25	0.00229	0.00226	0.00218	3.51E-05	1.65E-07	5.85E-05	9.38E-05	3.59E-05	1.62E-07	6.50E-05	1.01E-04	3.41E-05	2.06E-07	1.25E-04	1.59E-04
3309	485863.09, 3847877.25	0.00227	0.0024	0.00214	3.48E-05	1.75E-07	5.74E-05	9.24E-05	3.56E-05	1.72E-07	6.38E-05	9.96E-05	3.38E-05	2.18E-07	1.23E-04	1.57E-04
3310	486363.09, 3847877.25	0.0021	0.00213	0.00201	3.22E-05	1.55E-07	5.39E-05	8.63E-05	3.29E-05	1.53E-07	6.00E-05	9.30E-05	3.13E-05	1.94E-07	1.15E-04	1.47E-04
3311	486863.09, 3847877.25	0.00198	0.00199	0.0019	3.04E-05	1.45E-07	5.10E-05	8.15E-05	3.10E-05	1.43E-07	5.67E-05	8.79E-05	2.95E-05	1.81E-07	1.09E-04	1.39E-04
3312	487363.09, 3847877.25	0.00191	0.00195	0.00185	2.93E-05	1.42E-07	4.96E-05	7.91E-05	2.99E-05	1.40E-07	5.52E-05	8.53E-05	2.85E-05	1.77E-07	1.06E-04	1.35E-04
3313	487863.09, 3847877.25	0.0018	0.00188	0.0018	2.76E-05	1.37E-07	4.83E-05	7.6E-05	2.82E-05	1.35E-07	5.37E-05	8.21E-05	2.68E-05	1.71E-07	1.03E-04	1.30E-04
3314	488363.09, 3847877.25	0.00178	0.00189	0.00181	2.73E-05	1.38E-07	4.85E-05	7.6E-05	2.79E-05	1.35E-07	5.40E-05	8.20E-05	2.65E-05	1.72E-07	1.04E-04	1.30E-04
3315	488863.09, 3847877.25	0.00181	0.00202	0.00184	2.78E-05	1.47E-07	4.93E-05	7.73E-05	2.84E-05	1.45E-07	5.49E-05	8.34E-05	2.70E-05	1.84E-07	1.05E-04	1.33E-04
3316	489363.09, 3847877.25	0.00185	0.00231	0.00189	2.84E-05	1.68E-07	5.07E-05	7.92E-05	2.90E-05	1.66E-07	5.64E-05	8.56E-05	2.76E-05	2.10E-07	1.08E-04	1.36E-04
3317	489863.09, 3847877.25	0.00194	0.00252	0.00199	2.98E-05	1.83E-07	5.34E-05	8.33E-05	3.04E-05	1.81E-07	5.94E-05	9.00E-05	2.89E-05	2.29E-07	1.14E-04	1.43E-04
3318	490363.09, 3847877.25	0.00196	0.00246	0.00204	3.01E-05	1.79E-07	5.47E-05	8.5E-05	3.07E-05	1.76E-07	6.09E-05	9.18E-05	2.92E-05	2.24E-07	1.17E-04	1.46E-04
3319	490863.09, 3847877.25	0.00197	0.00241	0.00205	3.02E-05	1.75E-07	5.50E-05	8.54E-05	3.09E-05	1.73E-07	6.12E-05	9.22E-05	2.93E-05	2.19E-07	1.17E-04	1.47E-04
3320	491363.09, 3847877.25	0.00193	0.00239	0.00204	2.96E-05	1.74E-07	5.47E-05	8.45E-05	3.03E-05	1.71E-07	6.09E-05	9.13E-05	2.88E-05	2.17E-07	1.17E-04	1.46E-04
3321	491863.09, 3847877.25	0.002	0.00249	0.00212	3.07E-05	1.81E-07	5.69E-05	8.77E-05	3.14E-05	1.78E-07	6.32E-05	9.48E-05	2.98E-05	2.26E-07	1.21E-04	1.51E-04
3322	492363.09, 3847877.25	0.0021	0.00258	0.00224	3.22E-05	1.88E-07	6.01E-05	9.25E-05	3.29E-05	1.85E-07	6.68E-05	9.99E-05	3.13E-05	2.35E-07	1.28E-04	1.60E-04
3323	492863.09, 3847877.25	0.00219	0.00271	0.00235	3.36E-05	1.97E-07	6.30E-05	9.68E-05	3.43E-05	1.94E-07	7.01E-05	1.05E-04	3.26E-05	2.47E-07	1.35E-04	1.67E-04
3324	493363.09, 3847877.25	0.0022	0.0028	0.00238	3.38E-05	2.04E-07	6.38E-05	9.78E-05	3.45E-05	2.01E-07	7.10E-05	1.06E-04	3.28E-05	2.55E-07	1.36E-04	1.69E-04
3325	493863.09, 3847877.25	0.00226	0.003	0.00245	3.47E-05	2.18E-07	6.57E-05	0.000101	3.54E-05	2.15E-07	7.31E-05	1.09E-04	3.37E-05	2.73E-07	1.40E-04	1.74E-04
3326	494363.09, 3847877.25	0.00237	0.00326	0.00257	3.64E-05	2.37E-07	6.89E-05	0.000106	3.72E-05	2.34E-07	7.67E-05	1.14E-04	3.53E-05	2.97E-07	1.47E-04	1.83E-04
3327	494863.09, 3847877.25	0.00251	0.00348	0.00272	3.85E-05	2.53E-07	7.30E-05	0.000112	3.94E-05	2.49E-07	8.11E-05	1.21E-04	3.74E-05	3.17E-07	1.56E-04	1.94E-04
3328	495363.09, 3847877.25	0.0026	0.00358	0.00282	3.99E-05	2.61E-07	7.56E-05	0.000116	4.08E-05	2.57E-07	8.41E-05	1.25E-04	3.87E-05	3.26E-07	1.62E-04	2.01E-04

3329	495863.09, 3847877.25	0.0025	0.00345	0.00273	3.84E-05	2.51E-07	7.32E-05	0.000112	3.92E-05	2.47E-07	8.14E-05	1.21E-04	3.72E-05	3.14E-07	1.56E-04	1.94E-04
3330	496363.09, 3847877.25	0.00295	0.00407	0.00319	4.53E-05	2.96E-07	8.56E-05	0.000131	4.63E-05	2.92E-07	9.52E-05	1.42E-04	4.39E-05	3.70E-07	1.83E-04	2.27E-04
3331	496863.09, 3847877.25	0.00321	0.00439	0.00345	4.93E-05	3.20E-07	9.25E-05	0.000142	5.03E-05	3.15E-07	1.03E-04	1.54E-04	4.78E-05	3.99E-07	1.98E-04	2.46E-04
3332	497363.09, 3847877.25	0.00356	0.00481	0.00382	5.46E-05	3.50E-07	1.02E-04	0.000157	5.58E-05	3.45E-07	1.14E-04	1.70E-04	5.30E-05	4.38E-07	2.19E-04	2.72E-04
3333	497863.09, 3847877.25	0.00416	0.00554	0.00444	6.38E-05	4.03E-07	1.19E-04	0.000183	6.52E-05	3.97E-07	1.32E-04	1.98E-04	6.20E-05	5.04E-07	2.54E-04	3.17E-04
3334	498363.09, 3847877.25	0.0045	0.00596	0.0048	6.91E-05	4.34E-07	1.29E-04	0.000198	7.06E-05	4.27E-07	1.43E-04	2.14E-04	6.70E-05	5.42E-07	2.75E-04	3.43E-04
3335	471363.09, 3848377.25	0.00679	0.00731	0.00678	1.04E-04	5.32E-07	1.82E-04	0.000287	1.06E-04	5.24E-07	2.02E-04	3.09E-04	1.01E-04	6.65E-07	3.88E-04	4.90E-04
3336	471863.09, 3848377.25	0.00697	0.00781	0.00696	1.07E-04	5.69E-07	1.87E-04	0.000294	1.09E-04	5.60E-07	2.08E-04	3.17E-04	1.04E-04	7.10E-07	3.99E-04	5.03E-04
3337	472363.09, 3848377.25	0.0071	0.00784	0.00706	1.09E-04	5.71E-07	1.89E-04	0.000299	1.11E-04	5.62E-07	2.11E-04	3.22E-04	1.06E-04	7.13E-07	4.04E-04	5.11E-04
3338	472863.09, 3848377.25	0.00726	0.00791	0.00716	1.11E-04	5.76E-07	1.92E-04	0.000304	1.14E-04	5.67E-07	2.14E-04	3.28E-04	1.08E-04	7.20E-07	4.10E-04	5.19E-04
3339	473363.09, 3848377.25	0.00734	0.00798	0.00716	1.13E-04	5.81E-07	1.92E-04	0.000305	1.15E-04	5.72E-07	2.14E-04	3.29E-04	1.09E-04	7.26E-07	4.10E-04	5.20E-04
3340	473863.09, 3848377.25	0.00745	0.00797	0.00716	1.14E-04	5.80E-07	1.92E-04	0.000307	1.17E-04	5.71E-07	2.14E-04	3.31E-04	1.11E-04	7.25E-07	4.10E-04	5.22E-04
3341	474363.09, 3848377.25	0.0072	0.00765	0.00691	1.10E-04	5.57E-07	1.85E-04	0.000296	1.13E-04	5.48E-07	2.06E-04	3.20E-04	1.07E-04	6.96E-07	3.96E-04	5.04E-04
3342	474863.09, 3848377.25	0.00611	0.00649	0.00594	9.38E-05	4.72E-07	1.59E-04	0.000254	9.58E-05	4.65E-07	1.77E-04	2.73E-04	9.10E-05	5.90E-07	3.40E-04	4.32E-04
3343	475363.09, 3848377.25	0.00629	0.00674	0.00605	9.65E-05	4.91E-07	1.62E-04	0.000259	9.86E-05	4.83E-07	1.80E-04	2.80E-04	9.37E-05	6.13E-07	3.47E-04	4.41E-04
3344	475863.09, 3848377.25	0.0055	0.00569	0.00529	8.44E-05	4.14E-07	1.42E-04	0.000227	8.62E-05	4.08E-07	1.58E-04	2.44E-04	8.19E-05	5.18E-07	3.03E-04	3.85E-04
3345	476363.09, 3848377.25	0.00538	0.00546	0.0052	8.26E-05	3.97E-07	1.39E-04	0.000222	8.44E-05	3.91E-07	1.55E-04	2.40E-04	8.01E-05	4.97E-07	2.98E-04	3.79E-04
3346	476863.09, 3848377.25	0.00853	0.00899	0.0083	1.31E-04	6.54E-07	2.23E-04	0.000354	1.34E-04	6.44E-07	2.48E-04	3.82E-04	1.27E-04	8.18E-07	4.75E-04	6.03E-04
3347	477363.09, 3848377.25	0.00965	0.01032	0.00956	1.48E-04	7.51E-07	2.56E-04	0.000405	1.51E-04	7.39E-07	2.85E-04	4.37E-04	1.44E-04	9.39E-07	5.48E-04	6.92E-04
3348	477863.09, 3848377.25	0.00964	0.01038	0.00958	1.48E-04	7.56E-07	2.57E-04	0.000406	1.51E-04	7.44E-07	2.86E-04	4.38E-04	1.44E-04	9.44E-07	5.49E-04	6.93E-04
3349	478363.09, 3848377.25	0.00828	0.00808	0.00808	1.27E-04	5.88E-07	2.17E-04	0.000344	1.30E-04	5.79E-07	2.41E-04	3.71E-04	1.23E-04	7.35E-07	4.63E-04	5.87E-04
3350	478863.09, 3848377.25	0.0067	0.00702	0.00654	1.03E-04	5.11E-07	1.75E-04	0.000279	1.05E-04	5.03E-07	1.95E-04	3.01E-04	9.98E-05	6.39E-07	3.75E-04	4.75E-04
3351	479363.09, 3848377.25	0.00465	0.00454	0.00448	7.14E-05	3.30E-07	1.20E-04	0.000192	7.29E-05	3.25E-07	1.34E-04	2.07E-04	6.93E-05	4.13E-07	2.57E-04	3.26E-04
3352	479863.09, 3848377.25	0.00199	0.00221	0.00206	3.05E-05	1.61E-07	5.53E-05	8.59E-05	3.12E-05	1.58E-07	6.15E-05	9.28E-05	2.96E-05	2.01E-07	1.18E-04	1.48E-04
3353	480363.09, 3848377.25	0.00263	0.00288	0.00259	4.04E-05	2.10E-07	6.95E-05	0.00011	4.12E-05	2.06E-07	7.73E-05	1.19E-04	3.92E-05	2.62E-07	1.48E-04	1.88E-04
3354	480863.09, 3848377.25	0.00342	0.00322	0.00327	5.25E-05	2.34E-07	8.77E-05	0.00014	5.36E-05	2.31E-07	9.76E-05	1.51E-04	5.09E-05	2.93E-07	1.87E-04	2.39E-04
3355	481363.09, 3848377.25	0.00341	0.00331	0.00327	5.23E-05	2.41E-07	8.77E-05	0.00014	5.35E-05	2.37E-07	9.76E-05	1.51E-04	5.08E-05	3.01E-07	1.87E-04	2.38E-04
3356	481863.09, 3848377.25	0.00352	0.00363	0.00333	5.40E-05	2.64E-07	8.93E-05	0.000144	5.52E-05	2.60E-07	9.93E-05	1.55E-04	5.24E-05	3.30E-07	1.91E-04	2.44E-04
3357	482363.09, 3848377.25	0.00348	0.00354	0.00332	5.34E-05	2.58E-07	8.90E-05	0.000143	5.46E-05	2.54E-07	9.90E-05	1.54E-04	5.18E-05	3.22E-07	1.90E-04	2.42E-04
3358	482863.09, 3848377.25	0.00307	0.00317	0.00288	4.71E-05	2.31E-07	7.72E-05	0.000125	4.81E-05	2.27E-07	8.59E-05	1.34E-04	4.57E-05	2.88E-07	1.65E-04	2.11E-04
3359	483363.09, 3848377.25	0.00296	0.00273	0.00277	4.54E-05	1.99E-07	7.43E-05	0.00012	4.64E-05	1.96E-07	8.26E-05	1.29E-04	4.41E-05	2.48E-07	1.59E-04	2.03E-04
3360	483863.09, 3848377.25	0.00272	0.00273	0.00257	4.17E-05	1.99E-07	6.89E-05	0.000111	4.26E-05	1.96E-07	7.67E-05	1.20E-04	4.05E-05	2.48E-07	1.47E-04	1.88E-04
3361	484363.09, 3848377.25	0.00264	0.00257	0.00248	4.05E-05	1.87E-07	6.65E-05	0.000107	4.14E-05	1.84E-07	7.40E-05	1.16E-04	3.93E-05	2.34E-07	1.42E-04	1.82E-04
3362	484863.09, 3848377.25	0.00277	0.00249	0.00261	4.25E-05	1.81E-07	7.00E-05	0.000113	4.34E-05	1.78E-07	7.79E-05	1.21E-04	4.13E-05	2.26E-07	1.50E-04	1.91E-04
3363	485363.09, 3848377.25	0.00267	0.00269	0.00251	4.10E-05	1.96E-07	6.73E-05	0.000108	4.19E-05	1.93E-07	7.49E-05	1.17E-04	3.98E-05	2.45E-07	1.44E-04	1.84E-04
3364	485863.09, 3848377.25	0.00259	0.00277	0.00245	3.97E-05	2.02E-07	6.57E-05	0.000106	4.06E-05	1.98E-07	7.31E-05	1.14E-04	3.86E-05	2.52E-07	1.40E-04	1.79E-04
3365	486363.09, 3848377.25	0.00245	0.00238	0.00232	3.76E-05	1.73E-07	6.22E-05	1E-04	3.84E-05	1.71E-07	6.92E-05	1.08E-04	3.65E-05	2.16E-07	1.33E-04	1.70E-04
3366	486863.09, 3848377.25	0.00228	0.0023	0.00218	3.50E-05	1.67E-07	5.85E-05	9.36E-05	3.57E-05	1.65E-07	6.50E-05	1.01E-04	3.40E-05	2.09E-07	1.25E-04	1.59E-04
3367	487363.09, 3848377.25	0.00211	0.00217	0.00206	3.24E-05	1.58E-07	5.53E-05	8.78E-05	3.31E-05	1.55E-07	6.15E-05	9.47E-05	3.14E-05	1.97E-07	1.18E-04	1.50E-04
3368	487863.09, 3848377.25	0.00208	0.00215	0.00208	3.19E-05	1.57E-07	5.58E-05	8.79E-05	3.26E-05	1.54E-07	6.21E-05	9.48E-05	3.10E-05	1.96E-07	1.19E-04	1.50E-04
3369	488363.09, 3848377.25	0.00208	0.00229	0.0021	3.19E-05	1.67E-07	5.63E-05	8.84E-05	3.26E-05	1.64E-07	6.26E-05	9.54E-05	3.10E-05	2.08E-07	1.20E-04	1.51E-04
3370	488863.09, 3848377.25	0.00212	0.00252	0.00215	3.25E-05	1.83E-07	5.77E-05	9.04E-05	3.32E-05	1.81E-07	6.41E-05	9.76E-05	3.16E-05	2.29E-07	1.23E-04	1.55E-04
3371	489363.09, 3848377.25	0.00219	0.00281	0.00222	3.36E-05	2.05E-07	5.95E-05	9.34E-05	3.43E-05	2.01E-07	6.62E-05	1.01E-04	3.26E-05	2.56E-07	1.27E-04	1.60E-04
3372	489863.09, 3848377.25	0.00234	0.00295	0.00238	3.59E-05	2.15E-07	6.38E-05	1E-04	3.67E-05	2.11E-07	7.10E-05	1.08E-04	3.49E-05	2.68E-07	1.36E-04	1.71E-04
3373	490363.09, 3848377.25	0.00236	0.00291	0.00242	3.62E-05	2.12E-07	6.49E-05	0.000101	3.70E-05	2.09E-07	7.22E-05	1.09E-04	3.52E-05	2.65E-07	1.39E-04	1.74E-04
3374	490863.09, 3848377.25	0.00232	0.00285	0.00241	3.56E-05	2.07E-07	6.46E-05	0.0001	3.64E-05	2.04E-07	7.19E-05	1.08E-04	3.46E-05	2.59E-07	1.38E-04	1.73E-04
3375	491363.09, 3848377.25	0.00235	0.0029	0.00247	3.61E-05	2.11E-07	6.62E-05	0.000103	3.68E-05	2.08E-07	7.37E-05	1.11E-04	3.50E-05	2.64E-07	1.41E-04	1.77E-04
3376	491863.09, 3848377.25	0.00241	0.00298	0.00255	3.70E-05	2.17E-07	6.84E-05	0.000106	3.78E-05	2.14E-07	7.61E-05	1.14E-04	3.59E-05	2.71E-07	1.46E-04	1.82E-04
3377	492363.09, 3848377.25	0.0024	0.00301	0.00257	3.68E-05	2.19E-07	6.89E-05	0.000106	3.76E-05	2.16E-07	7.67E-05	1.15E-04	3.58E-05	2.74E-07	1.47E-04	1.83E-04
3378	492863.09, 3848377.25	0.00238	0.0031	0.00257	3.65E-05	2.26E-07	6.89E-05	0.000106	3.73E-05	2.22E-07	7.67E-05	1.14E-04	3.55E-05	2.82E-07	1.47E-04	1.83E-04
3379	493363.09, 3848377.25	0.00245	0.00333	0.00267	3.76E-05	2.42E-07	7.16E-05	0.000109	3.84E-05	2.39E-07	7.97E-05	1.18E-04	3.65E-05	3.03E-07	1.53E-04	1.90E-04
3380	493863.09, 3848377.25	0.00255	0.00356	0.00278	3.91E-05	2.59E-07	7.46E-05	0.000114	4.00E-05	2.55E-07	8.29E-05	1.23E-04	3.80E-05	3.24E-07	1.59E-04	1.98E-04
3381	494363.09, 3848377.25	0.00264	0.00373	0.00287	4.05E-05	2.72E-07	7.70E-05	0.000118	4.14E-05	2.67E-07	8.56E-05	1.27E-04	3.93E-05	3.39E-07	1.64E-04	2.04E-04
3382	494863.09, 3848377.25	0.00281	0.00395	0.00306	4.31E-05	2.88E-07	8.21E-05	0.000125	4.41E-05	2.83E-07	9.13E-05	1.36E-04	4.19E-05	3.59E-07	1.75E-04	2.18E-04
3383	495363.09, 3848377.25	0.0028	0.00393	0.00306	4.30E-05	2.86E-07	8.21E-05	0.000125	4.39E-05	2.82E-07	9.13E-05	1.35E-04	4.17E-05	3.57E-07	1.75E-04	2.17E-04
3384	495863.09, 3848377.25	0.00292	0.00411	0.00319	4.48E-05	2.99E-07	8.56E-05	0.000131	4.58E-05	2.94E-07	9.52E-05	1.41E-04	4.35E-05	3.74E-07	1.83E-04	2.27E-04
3385	496363.09, 3848377.25	0.00323	0.0045	0.0035	4.96E-05	3.28E-07	9.39E-05	0.000144	5.06E-05	3.22E-07	1.04E-04	1.55E-04	4.81E-05	4.09E-07	2.00E-04	2.49E-04
3386	496863.09, 3848377.25	0.00332	0.0046	0.0036	5.09E-05	3.35E-07	9.66E-05	0.000148	5.21E-05	3.30E-07	1.07E-04	1.60E-04	4.95E-05	4.18E-07	2.06E-04	2.56E-04
3387	497363.09, 3848377.25	0.00378	0.00518	0.00408	5.80E-05	3.77E-07	1.09E-04	0.000168	5.93E-05	3.71E-07	1.22E-04	1.81E-04	5.63E-05	4.71E-07	2.34E-04	2.91E-04
3388	497863.09, 3848377.25	0.00499	0.00671	0.00532	7.66E-05	4.88E-07	1.43E-04	0.00022	7.82E-05	4.81E-07	1.59E-04	2.37E-04	7.43E-05	6.10E-07	3.05E-04	3.80E-04
3389	498363.09, 3848377.25	0.00528	0.00703	0.00562	8.10E-05	5.12E-07	1.51E-04	0.000232	8.28E-05	5.04E-07	1.68E-04	2.51E-04	7.87E-05	6.39E-07	3.22E-04	4.01E-04
3390	471363.09, 3848877.25	0.00689	0.0069	0.00679	1.06E-04	5.02E-07	1.82E-04	0.000288	1.08E-04	4.94E-07	2.03E-04	3.11E-04	1.03E-04	6.28E-07	3.89E-04	4.92E-04
3391	471863.09, 3848877.25	0.00735	0.00752	0.00728	1.13E-04	5.47E-07	1.95E-04	0.000309	1.15E-04	5.39E-07	2.17E-04	3.33E-04	1.09E-04	6.84E-07	4.17E-04	5.27E-04
3392	472363.09, 3848877.25	0.00765	0.00834	0.00762	1.17E-04	6.07E-07	2.04E-04	0.000322	1.20E-04	5.98E-07	2.27E-04	3.48E-04	1.14E-04	7.59E-07	4.37E-04	5.51E-04
3393	472863.09, 3848877.25	0.00786	0.00884	0.00783	1.21E-04	6.43E-07	2.10E-04	0.000331	1.23E-04	6.33E-07	2.34E-04	3.57E-04	1.17E-04	8.04E-07	4.49E-04	5.66E-04
3394	473363.09, 3848877.25	0.00809	0.00896	0.00801	1.24E-04	6.52E-07	2.15E-04	0.00034	1.27E-04	6.42E-07	2.39E-04	3.66E-04	1.21E-04	8.15E-07	4.59E-04	5.80E-04
3395	473863.09, 3848877.25	0.0082	0.00901	0.00804	1.26E-04	6.56E-07	2.16E-04	0.000342	1.29E-04	6.46E-07	2.40E-04	3.69E-04	1.22E-04	8.20E-07	4.61E-04	5.84E-04
3396	474363.09, 3848877.25	0.00838	0.00911	0.00809	1.29E-04	6.63E-07	2.17E-04	0.000346	1.31E-04	6.53E-07	2.41E-04	3.73E-04	1.25E-04	8.29E-07	4.63E-04	5.89E-04
3397	474863.09, 3848877.25	0.00792	0.00849	0.00764	1.22E-04	6.18E-07	2.05E-04	0.000327	1.24E-04	6.08E-07	2.28E-04	3.53E-04	1.18E-04	7.72E-07	4.38E-04	5.56E-04
3398	475363.09, 3848877.25	0.00753	0.00807	0.00727	1.16E-04	5.87E-07	1.95E-04	0.000311	1.18E-04	5.78E-07	2.17E-04	3.36E-04	1.12E-04	7.34E-07	4.16E-04	5.29E-04
3399	475863.09, 3848877.25	0.00746	0.00805	0.00715	1.14E-04	5.86E-07	1.92E-04	0.000307	1.17E-04	5.77E-07	2.13E-04	3.31E-04	1.11E-04	7.32E-07	4.10E-04	5.21E-04
3400	476363.09, 3848877.25	0.00673	0.00707	0.00644	1.03E-04	5.15E-07	1.73E-04	0.000277	1.06E-04	5.07E-07	1.92E-04	2.98E-04	1.00E-04	6.43E-07	3.69E-04	4.70E-04
3401	476863.09, 3848877.25	0.00677	0.00689	0.00649	1.04E-04	5.02E-07	1.74E-04	0.000278	1.06E-04	4.94E-07	1.94E-04	3.00E-04	1.01E-04	6.27E-07	3.72E-04	4.73E-04
3402	477363.09, 3848877.25	0.01014	0.01085	0.00985	1.56E-04	7.90E-07	2.64E-04	0.000421	1.59E-04	7.77E-07	2.94E-04	4.54E-04	1.51E-04	9.87E-07	5.64E-04	7.16E-04
3403	477863.09, 3848877.25	0.01133	0.01232	0.01123	1.74E-04	8.97E-07	3.01E-04	0.000476	1.78E-04	8.83E-07	3.35E-04	5.14E-04	1.69E-04	1.12E-06	6.43E-04	8.13E-04
3404	478363.09, 3848877.25	0.01117	0.01215	0.01109	1.71E-04	8.84E-07	2.97E-04	0.00047	1.75E-04	8.71E-07	3.31E-04	5.07E-04	1.66E-04	1.11E-06	6.35E-04	8.03E-04
3405	478863.09, 3848877.25	0.00907	0.00876	0.00885	1.39E-04	6.38E-07	2.37E-04	0.000377	1.42E-04	6.28E-07	2.64E-04	4.07E-04	1.35E-04	7.97E-07	5.07E-04	6.43E-04
3406	479363.09, 3848877.25	0.00684	0.00731	0.00664	1.05E-04	5.32E-07	1.78E-04	0.000284	1.07E-04	5.24E-07	1.98E-04	3.06E-04	1.02E-04	6.65E-07	3.80E-04	4.83E-04
3407	479863.09, 3848877.25	0.00512	0.00494	0.00494	7.86E-05	3.60E-07	1.32E-04	0.000211	8.03E-05	3.54E-07	1.47E-04	2.28E-04	7.63E-05	4.49E-07	2.83E-04	3.60E-04
3408	480363.09, 3848877.25	0.00526	0.0053	0.00499	8.07E-05	3.86E-07	1.34E-04	0.000215	8.25E-05	3.80E-07	1.49E-04	2.32E-04	7.84E-05	4.82E-07	2.86E-04	3.65E-04
3409	480863.09, 3848877.25	0.00522	0.0053	0.00492	8.01E-05	3.86E-07	1.32E-04	0.000212	8.18E-05	3.80E-07	1.47E-04	2.29E-04	7.78E-05	4.82E-07	2.82E-04	3.60E-04
3410	481363.09, 3848877.25	0.00479	0.00442	0.00456	7.35E-05	3.22E-07	1.22E-04	0.000196	7.51E-05	3.17E-07	1.36E-04	2.11E-04	7.14E-05	4.02E-07	2.61E-04	3.33E-04
3411	481863.09, 3848877.25	0.00413	0.00424	0.00391	6.34E-05	3.09E-07	1.05E-04	0.000169	6.48E-05	3.04E-07	1.17E-04	1.82E-04	6.15E-05	3.86E-07	2.24E-04	2.86E-04
3412	482363.09, 3848877.25	0.0035	0.00359	0.00334	5.37E-05	2.61E-07	8.96E-05	0.000144	5.49E-05	2.57E-07	9.96E-05	1.55E-04	5.21E-05	3.27E-07	1.91E-04	2.44E-04
3413	482863.09, 3848877.25	0.00303	0.00322	0.00288	4.65E-05	2.34E-07	7.72E-05	0.000124	4.75E-05	2.31E-07	8.59E-05	1.34E-04	4.51E-05	2.93E-07	1.65E-04	2.10E-04
3414	483363.09, 3848877.25	0.00271	0.00266	0.0026	4.16E-05	1.94E-07	6.97E-05	0.000112	4.25E-05	1.91E-07	7.76E-05	1.20E-04	4.04E-05	2.42E-07	1.49E-04	1.90E-04
3415	483863.09, 3848877.25	0.00264	0.00266	0.00253	4.05E-05	1.94E-07	6.79E-05	0.000109	4.14E-05	1.91E-07	7.55E-05	1.17E-04	3.93E-05	2.42E-07	1.45E-04	1.85E-04
3416	484363.09, 3848877.25	0.00297	0.0029	0.00279	4.56E-05	2.11E-07	7.48E-05	0.000121	4.66E-05	2.08E-07	8.32E-05	1.30E-04	4.42E-05	2.64E-07	1.60E-04	2.04E-04
3417	484863.09, 3848877.25	0.00328	0.00293	0.00308	5.03E-05	2.13E-07	8.26E-05	0.000133	5.14E-05	2.10E-07	9.19E-05	1.44E-04	4.89E-05	2.67E-07	1.76E-04	2.26E-04
3418	485363.09, 3848877.25	0.00315	0.00321	0.00293	4.83E-05	2.34E-07	7.86E-05	0.000127	4.94E-05	2.30E-07	8.74E-05	1.37E-04	4.69E-05	2.92E-07	1.68E-04	2.15E-04
3419	485863.09, 3848877.25	0.00301	0.00323	0.00283	4.62E-05	2.35E-07	7.59E-05	0.000122	4.72E-05	2.31E-07	8.44E-05	1.32E-04	4.48E-05	2.94E-07	1.62E-04	2.07E-04
3420	486363.09, 3848877.25	0.00275	0.00264	0.00262	4.22E-05	1.92E-07	7.03E-05	0.000113	4.31E-05	1.89E-07	7.82E-05	1.21E-04	4.10E-05	2.40E-07	1.50E-04	1.91E-04
3421	486863.09, 3848877.25	0.00252	0.00256	0.00242	3.87E-05	1.86E-07	6.49E-05	0.000104	3.95E-05	1.83E-07	7.22E-05	1.12E-04	3.75E-05	2.33E-07	1.39E-04	1.76E-04
3422	487363.09, 3848877.25	0.00251	0.00261	0.00245	3.85E-05	1.90E-07	6.57E-05	0.000104	3.94E-05	1.87E-07	7.31E-05	1.13E-04	3.74E-05	2.37E-07	1.40E-04	1.78E-04
3423	487863.09, 3848877.25	0.00246	0.00261	0.00245	3.77E-05	1.90E-07	6.57E-05	0.000104	3.86E-05	1.87E-07	7.31E-05	1.12E-04	3.66E-05	2.37E-07	1.40E-04	1.77E-04
3424	488363.09, 3848877.25	0.0025	0.00291	0.0025	3.84E-05	2.12E-07	6.71E-05	0.000106	3.92E-05	2.09E-07	7.46E-05	1.14E-04	3.72E-05	2.65E-07	1.43E-04	1.81E-04
3425	488863.09, 3848877.25	0.00252	0.00319	0.00255	3.87E-05	2.32E-07	6.84E-05	0.000107	3.95E-05	2.29E-07	7.61E-05	1.16E-04	3.75E-05	2.90E-07	1.46E-04	1.84E-04
3426	489363.09, 3848877.25	0.00263	0.0034	0.00267	4.04E-05	2.47E-07	7.16E-05	0.000112	4.12E-05	2.44E-07	7.97E-05	1.21E-04	3.92E-05	3.09E-07	1.53E-04	1.92E-04

3427	489863.09, 3848877.25	0.00276	0.00349	0.00281	4.24E-05	2.54E-07	7.54E-05	0.000118	4.33E-05	2.50E-07	8.38E-05	1.27E-04	4.11E-05	3.17E-07	1.61E-04	2.02E-04
3428	490363.09, 3848877.25	0.00274	0.00337	0.00282	4.20E-05	2.45E-07	7.56E-05	0.000118	4.30E-05	2.41E-07	8.41E-05	1.27E-04	4.08E-05	3.07E-07	1.62E-04	2.03E-04
3429	490863.09, 3848877.25	0.00272	0.00334	0.00284	4.17E-05	2.43E-07	7.62E-05	0.000118	4.26E-05	2.39E-07	8.47E-05	1.28E-04	4.05E-05	3.04E-07	1.63E-04	2.04E-04
3430	491363.09, 3848877.25	0.00279	0.00349	0.00295	4.28E-05	2.54E-07	7.91E-05	0.000122	4.37E-05	2.50E-07	8.80E-05	1.32E-04	4.16E-05	3.17E-07	1.69E-04	2.11E-04
3431	491863.09, 3848877.25	0.00276	0.00352	0.00296	4.24E-05	2.56E-07	7.94E-05	0.000122	4.33E-05	2.52E-07	8.83E-05	1.32E-04	4.11E-05	3.20E-07	1.70E-04	2.11E-04
3432	492363.09, 3848877.25	0.00274	0.00367	0.00296	4.20E-05	2.67E-07	7.94E-05	0.000122	4.30E-05	2.63E-07	8.83E-05	1.32E-04	4.08E-05	3.34E-07	1.70E-04	2.11E-04
3433	492863.09, 3848877.25	0.00267	0.00371	0.00292	4.10E-05	2.70E-07	7.83E-05	0.00012	4.19E-05	2.66E-07	8.71E-05	1.29E-04	3.98E-05	3.37E-07	1.67E-04	2.07E-04
3434	493363.09, 3848877.25	0.00263	0.00375	0.00289	4.04E-05	2.73E-07	7.75E-05	0.000118	4.12E-05	2.69E-07	8.62E-05	1.28E-04	3.92E-05	3.41E-07	1.66E-04	2.05E-04
3435	493863.09, 3848877.25	0.00282	0.00408	0.00309	4.33E-05	2.97E-07	8.29E-05	0.000126	4.42E-05	2.92E-07	9.22E-05	1.37E-04	4.20E-05	3.71E-07	1.77E-04	2.19E-04
3436	494363.09, 3848877.25	0.00296	0.00426	0.00325	4.54E-05	3.10E-07	8.72E-05	0.000133	4.64E-05	3.05E-07	9.70E-05	1.44E-04	4.41E-05	3.87E-07	1.86E-04	2.31E-04
3437	494863.09, 3848877.25	0.00321	0.00459	0.00351	4.93E-05	3.34E-07	9.41E-05	0.000144	5.03E-05	3.29E-07	1.05E-04	1.55E-04	4.78E-05	4.18E-07	2.01E-04	2.49E-04
3438	495363.09, 3848877.25	0.00342	0.00486	0.00372	5.25E-05	3.54E-07	9.98E-05	0.000153	5.36E-05	3.48E-07	1.11E-04	1.65E-04	5.09E-05	4.42E-07	2.13E-04	2.64E-04
3439	495863.09, 3848877.25	0.00335	0.00475	0.00365	5.14E-05	3.46E-07	9.79E-05	0.00015	5.25E-05	3.40E-07	1.09E-04	1.62E-04	4.99E-05	4.32E-07	2.09E-04	2.59E-04
3440	496363.09, 3848877.25	0.00355	0.005	0.00386	5.45E-05	3.64E-07	1.04E-04	0.000158	5.57E-05	3.58E-07	1.15E-04	1.71E-04	5.29E-05	4.55E-07	2.21E-04	2.74E-04
3441	496863.09, 3848877.25	0.00404	0.00562	0.00436	6.20E-05	4.09E-07	1.17E-04	0.000179	6.33E-05	4.03E-07	1.30E-04	1.94E-04	6.02E-05	5.11E-07	2.50E-04	3.10E-04
3442	497363.09, 3848877.25	0.00508	0.00694	0.00544	7.80E-05	5.05E-07	1.46E-04	0.000224	7.96E-05	4.97E-07	1.62E-04	2.42E-04	7.57E-05	6.31E-07	3.12E-04	3.88E-04
3443	497863.09, 3848877.25	0.0057	0.00765	0.00607	8.75E-05	5.57E-07	1.63E-04	0.000251	8.94E-05	5.48E-07	1.81E-04	2.71E-04	8.49E-05	6.96E-07	3.48E-04	4.33E-04
3444	498363.09, 3848877.25	0.00623	0.00828	0.00662	9.56E-05	6.03E-07	1.78E-04	0.000274	9.77E-05	5.93E-07	1.97E-04	2.96E-04	9.28E-05	7.53E-07	3.79E-04	4.73E-04
3445	471363.09, 3849377.25	0.00651	0.0067	0.00637	9.99E-05	4.88E-07	1.71E-04	0.000271	1.02E-04	4.80E-07	1.90E-04	2.93E-04	9.70E-05	6.09E-07	3.65E-04	4.62E-04
3446	471863.09, 3849377.25	0.00731	0.0075	0.00715	1.12E-04	5.46E-07	1.92E-04	0.000304	1.15E-04	5.37E-07	2.13E-04	3.28E-04	1.09E-04	6.82E-07	4.10E-04	5.19E-04
3447	472363.09, 3849377.25	0.00787	0.00796	0.00774	1.21E-04	5.79E-07	2.08E-04	0.000329	1.23E-04	5.70E-07	2.31E-04	3.55E-04	1.17E-04	7.24E-07	4.43E-04	5.61E-04
3448	472863.09, 3849377.25	0.00834	0.00866	0.00826	1.28E-04	6.30E-07	2.22E-04	0.00035	1.31E-04	6.21E-07	2.46E-04	3.78E-04	1.24E-04	7.88E-07	4.73E-04	5.98E-04
3449	473363.09, 3849377.25	0.00869	0.0096	0.00865	1.33E-04	6.99E-07	2.32E-04	0.000366	1.36E-04	6.88E-07	2.58E-04	3.95E-04	1.29E-04	8.73E-07	4.96E-04	6.26E-04
3450	473863.09, 3849377.25	0.00897	0.01015	0.00892	1.38E-04	7.39E-07	2.39E-04	0.000378	1.41E-04	7.27E-07	2.66E-04	4.07E-04	1.34E-04	9.23E-07	5.11E-04	6.46E-04
3451	474363.09, 3849377.25	0.00918	0.01024	0.00906	1.41E-04	7.45E-07	2.43E-04	0.000385	1.44E-04	7.34E-07	2.70E-04	4.15E-04	1.37E-04	9.31E-07	5.19E-04	6.57E-04
3452	474863.09, 3849377.25	0.0094	0.01039	0.00914	1.44E-04	7.56E-07	2.45E-04	0.00039	1.47E-04	7.44E-07	2.73E-04	4.21E-04	1.40E-04	9.45E-07	5.24E-04	6.65E-04
3453	475363.09, 3849377.25	0.00943	0.01029	0.00906	1.45E-04	7.49E-07	2.43E-04	0.000388	1.48E-04	7.37E-07	2.70E-04	4.19E-04	1.40E-04	9.36E-07	5.19E-04	6.60E-04
3454	475863.09, 3849377.25	0.00953	0.01027	0.00903	1.46E-04	7.48E-07	2.42E-04	0.000389	1.49E-04	7.36E-07	2.69E-04	4.20E-04	1.42E-04	9.34E-07	5.17E-04	6.60E-04
3455	476363.09, 3849377.25	0.00932	0.01005	0.00877	1.43E-04	7.32E-07	2.35E-04	0.000379	1.46E-04	7.20E-07	2.62E-04	4.08E-04	1.39E-04	9.14E-07	5.02E-04	6.42E-04
3456	476863.09, 3849377.25	0.00865	0.00922	0.00816	1.33E-04	6.71E-07	2.19E-04	0.000352	1.36E-04	6.61E-07	2.43E-04	3.80E-04	1.29E-04	8.39E-07	4.67E-04	5.97E-04
3457	477363.09, 3849377.25	0.00887	0.00915	0.00841	1.36E-04	6.66E-07	2.26E-04	0.000362	1.39E-04	6.56E-07	2.51E-04	3.91E-04	1.32E-04	8.32E-07	4.82E-04	6.15E-04
3458	477863.09, 3849377.25	0.01102	0.01182	0.01071	1.69E-04	8.60E-07	2.87E-04	0.000457	1.73E-04	8.47E-07	3.20E-04	4.93E-04	1.64E-04	1.08E-06	6.14E-04	7.79E-04
3459	478363.09, 3849377.25	0.01318	0.01458	0.01308	2.02E-04	1.06E-06	3.51E-04	0.000554	2.07E-04	1.04E-06	3.90E-04	5.98E-04	1.96E-04	1.33E-06	7.49E-04	9.47E-04
3460	478863.09, 3849377.25	0.01193	0.01288	0.0118	1.83E-04	9.38E-07	3.16E-04	0.0005	1.87E-04	9.23E-07	3.52E-04	5.40E-04	1.78E-04	1.17E-06	6.76E-04	8.55E-04
3461	479363.09, 3849377.25	0.01003	0.00977	0.00979	1.54E-04	7.11E-07	2.63E-04	0.000417	1.57E-04	7.00E-07	2.92E-04	4.50E-04	1.49E-04	8.89E-07	5.61E-04	7.11E-04
3462	479863.09, 3849377.25	0.00731	0.00767	0.00704	1.12E-04	5.58E-07	1.89E-04	0.000302	1.15E-04	5.50E-07	2.10E-04	3.25E-04	1.09E-04	6.98E-07	4.03E-04	5.13E-04
3463	480363.09, 3849377.25	0.00793	0.0077	0.0075	1.22E-04	5.60E-07	2.01E-04	0.000323	1.24E-04	5.52E-07	2.24E-04	3.49E-04	1.18E-04	7.00E-07	4.30E-04	5.48E-04
3464	480863.09, 3849377.25	0.00714	0.00752	0.00663	1.10E-04	5.47E-07	1.78E-04	0.000288	1.12E-04	5.39E-07	1.98E-04	3.10E-04	1.06E-04	6.84E-07	3.80E-04	4.87E-04
3465	481363.09, 3849377.25	0.00562	0.00526	0.00534	8.62E-05	3.83E-07	1.43E-04	0.00023	8.81E-05	3.77E-07	1.59E-04	2.48E-04	8.37E-05	4.78E-07	3.06E-04	3.90E-04
3466	481863.09, 3849377.25	0.00404	0.00415	0.00387	6.20E-05	3.02E-07	1.04E-04	0.000166	6.33E-05	2.97E-07	1.15E-04	1.79E-04	6.02E-05	3.77E-07	2.22E-04	2.82E-04
3467	482363.09, 3849377.25	0.00363	0.00375	0.00349	5.57E-05	2.73E-07	9.36E-05	0.00015	5.69E-05	2.69E-07	1.04E-04	1.61E-04	5.41E-05	3.41E-07	2.00E-04	2.54E-04
3468	482863.09, 3849377.25	0.00308	0.00338	0.00297	4.73E-05	2.46E-07	7.97E-05	0.000127	4.83E-05	2.42E-07	8.86E-05	1.37E-04	4.59E-05	3.07E-07	1.70E-04	2.16E-04
3469	483363.09, 3849377.25	0.00284	0.00288	0.00276	4.36E-05	2.10E-07	7.40E-05	0.000118	4.45E-05	2.06E-07	8.23E-05	1.27E-04	4.23E-05	2.62E-07	1.58E-04	2.01E-04
3470	483863.09, 3849377.25	0.00249	0.00255	0.00242	3.82E-05	1.86E-07	6.49E-05	0.000103	3.90E-05	1.83E-07	7.22E-05	1.11E-04	3.71E-05	2.32E-07	1.39E-04	1.76E-04
3471	484363.09, 3849377.25	0.00327	0.0032	0.00308	5.02E-05	2.33E-07	8.26E-05	0.000133	5.13E-05	2.29E-07	9.19E-05	1.43E-04	4.87E-05	2.91E-07	1.76E-04	2.25E-04
3472	484863.09, 3849377.25	0.00384	0.00348	0.0036	5.89E-05	2.53E-07	9.66E-05	0.000156	6.02E-05	2.49E-07	1.07E-04	1.68E-04	5.72E-05	3.17E-07	2.06E-04	2.64E-04
3473	485363.09, 3849377.25	0.00373	0.00383	0.00347	5.72E-05	2.79E-07	9.31E-05	0.000151	5.85E-05	2.74E-07	1.04E-04	1.62E-04	5.56E-05	3.48E-07	1.99E-04	2.55E-04
3474	485863.09, 3849377.25	0.00294	0.00315	0.00279	4.51E-05	2.29E-07	7.48E-05	0.00012	4.61E-05	2.26E-07	8.32E-05	1.30E-04	4.38E-05	2.87E-07	1.60E-04	2.04E-04
3475	486363.09, 3849377.25	0.00252	0.00248	0.00245	3.87E-05	1.81E-07	6.57E-05	0.000105	3.95E-05	1.78E-07	7.31E-05	1.13E-04	3.75E-05	2.26E-07	1.40E-04	1.78E-04
3476	486863.09, 3849377.25	0.00289	0.003	0.0028	4.43E-05	2.18E-07	7.51E-05	0.00012	4.53E-05	2.15E-07	8.35E-05	1.29E-04	4.31E-05	2.73E-07	1.60E-04	2.04E-04
3477	487363.09, 3849377.25	0.00299	0.00315	0.00295	4.59E-05	2.29E-07	7.91E-05	0.000125	4.69E-05	2.26E-07	8.80E-05	1.35E-04	4.45E-05	2.87E-07	1.69E-04	2.14E-04
3478	487863.09, 3849377.25	0.00297	0.0034	0.00295	4.56E-05	2.47E-07	7.91E-05	0.000125	4.66E-05	2.44E-07	8.80E-05	1.35E-04	4.42E-05	3.09E-07	1.69E-04	2.14E-04
3479	488363.09, 3849377.25	0.00302	0.00369	0.003	4.63E-05	2.69E-07	8.05E-05	0.000127	4.74E-05	2.64E-07	8.95E-05	1.37E-04	4.50E-05	3.36E-07	1.72E-04	2.17E-04
3480	488863.09, 3849377.25	0.00313	0.00393	0.00312	4.80E-05	2.86E-07	8.37E-05	0.000132	4.91E-05	2.82E-07	9.31E-05	1.42E-04	4.66E-05	3.57E-07	1.79E-04	2.26E-04
3481	489363.09, 3849377.25	0.00323	0.00408	0.00325	4.96E-05	2.97E-07	8.72E-05	0.000137	5.06E-05	2.92E-07	9.70E-05	1.48E-04	4.81E-05	3.71E-07	1.86E-04	2.35E-04
3482	489863.09, 3849377.25	0.0033	0.00412	0.00336	5.06E-05	3.00E-07	9.01E-05	0.000141	5.17E-05	2.95E-07	1.00E-04	1.52E-04	4.92E-05	3.75E-07	1.92E-04	2.42E-04
3483	490363.09, 3849377.25	0.00326	0.00399	0.00339	5.00E-05	2.90E-07	9.09E-05	0.000141	5.11E-05	2.86E-07	1.01E-04	1.53E-04	4.86E-05	3.63E-07	1.94E-04	2.43E-04
3484	490863.09, 3849377.25	0.00329	0.00413	0.00346	5.05E-05	3.01E-07	9.28E-05	0.000144	5.16E-05	2.96E-07	1.03E-04	1.55E-04	4.90E-05	3.76E-07	1.98E-04	2.48E-04
3485	491363.09, 3849377.25	0.00338	0.00438	0.0036	5.19E-05	3.19E-07	9.66E-05	0.000149	5.30E-05	3.14E-07	1.07E-04	1.61E-04	5.04E-05	3.98E-07	2.06E-04	2.57E-04
3486	491863.09, 3849377.25	0.00336	0.00456	0.00361	5.16E-05	3.32E-07	9.68E-05	0.000149	5.27E-05	3.27E-07	1.08E-04	1.61E-04	5.01E-05	4.15E-07	2.07E-04	2.57E-04
3487	492363.09, 3849377.25	0.00335	0.00472	0.00363	5.14E-05	3.44E-07	9.74E-05	0.000149	5.25E-05	3.38E-07	1.08E-04	1.61E-04	4.99E-05	4.29E-07	2.08E-04	2.58E-04
3488	492863.09, 3849377.25	0.00318	0.00461	0.00348	4.88E-05	3.36E-07	9.33E-05	0.000142	4.99E-05	3.30E-07	1.04E-04	1.54E-04	4.74E-05	4.19E-07	1.99E-04	2.47E-04
3489	493363.09, 3849377.25	0.00325	0.00479	0.00355	4.99E-05	3.49E-07	9.52E-05	0.000145	5.10E-05	3.43E-07	1.06E-04	1.57E-04	4.84E-05	4.36E-07	2.03E-04	2.52E-04
3490	493863.09, 3849377.25	0.00338	0.00496	0.0037	5.19E-05	3.61E-07	9.92E-05	0.000151	5.30E-05	3.55E-07	1.10E-04	1.64E-04	5.04E-05	4.51E-07	2.12E-04	2.63E-04
3491	494363.09, 3849377.25	0.00364	0.00529	0.00398	5.59E-05	3.85E-07	1.07E-04	0.000163	5.71E-05	3.79E-07	1.19E-04	1.76E-04	5.42E-05	4.81E-07	2.28E-04	2.83E-04
3492	494863.09, 3849377.25	0.00424	0.00608	0.00459	6.51E-05	4.43E-07	1.23E-04	0.000189	6.65E-05	4.36E-07	1.37E-04	2.04E-04	6.32E-05	5.53E-07	2.63E-04	3.27E-04
3493	495363.09, 3849377.25	0.0046	0.00654	0.00495	7.06E-05	4.76E-07	1.33E-04	0.000204	7.21E-05	4.69E-07	1.48E-04	2.20E-04	6.85E-05	5.95E-07	2.84E-04	3.53E-04
3494	495863.09, 3849377.25	0.00397	0.00566	0.00431	6.09E-05	4.12E-07	1.16E-04	0.000177	6.22E-05	4.06E-07	1.29E-04	1.91E-04	5.91E-05	5.15E-07	2.47E-04	3.07E-04
3495	496363.09, 3849377.25	0.00402	0.00565	0.00437	6.17E-05	4.11E-07	1.17E-04	0.000179	6.30E-05	4.05E-07	1.30E-04	1.94E-04	5.99E-05	5.14E-07	2.50E-04	3.11E-04
3496	496863.09, 3849377.25	0.00529	0.00725	0.00566	8.12E-05	5.28E-07	1.52E-04	0.000234	8.29E-05	5.19E-07	1.69E-04	2.52E-04	7.88E-05	6.59E-07	3.24E-04	4.04E-04
3497	497363.09, 3849377.25	0.00587	0.00793	0.00628	9.01E-05	5.77E-07	1.68E-04	0.000259	9.20E-05	5.68E-07	1.87E-04	2.80E-04	8.74E-05	7.21E-07	3.60E-04	4.48E-04
3498	497863.09, 3849377.25	0.00751	0.00997	0.00795	1.15E-04	7.26E-07	2.13E-04	0.000329	1.18E-04	7.14E-07	2.37E-04	3.56E-04	1.12E-04	9.07E-07	4.55E-04	5.68E-04
3499	498363.09, 3849377.25	0.00746	0.00977	0.0079	1.14E-04	7.11E-07	2.12E-04	0.000327	1.17E-04	7.00E-07	2.36E-04	3.53E-04	1.11E-04	8.89E-07	4.53E-04	5.65E-04
3500	471363.09, 3849877.25	0.00545	0.00562	0.00544	8.36E-05	4.09E-07	1.46E-04	0.00023	8.55E-05	4.03E-07	1.62E-04	2.48E-04	8.12E-05	5.11E-07	3.12E-04	3.93E-04
3501	471863.09, 3849877.25	0.00655	0.00664	0.00645	1.01E-04	4.83E-07	1.73E-04	0.000274	1.03E-04	4.76E-07	1.92E-04	2.96E-04	9.76E-05	6.04E-07	3.69E-04	4.68E-04
3502	472363.09, 3849877.25	0.00762	0.00783	0.00742	1.17E-04	5.70E-07	1.99E-04	0.000317	1.19E-04	5.61E-07	2.21E-04	3.41E-04	1.14E-04	7.12E-07	4.25E-04	5.39E-04
3503	472863.09, 3849877.25	0.00842	0.00866	0.0082	1.29E-04	6.30E-07	2.20E-04	0.00035	1.32E-04	6.21E-07	2.45E-04	3.77E-04	1.25E-04	7.88E-07	4.70E-04	5.96E-04
3504	473363.09, 3849877.25	0.00897	0.00916	0.00881	1.38E-04	6.67E-07	2.36E-04	0.000375	1.41E-04	6.56E-07	2.63E-04	4.04E-04	1.34E-04	8.33E-07	5.05E-04	6.39E-04
3505	473863.09, 3849877.25	0.00955	0.01005	0.00944	1.47E-04	7.32E-07	2.53E-04	0.0004	1.50E-04	7.20E-07	2.82E-04	4.32E-04	1.42E-04	9.14E-07	5.41E-04	6.84E-04
3506	474363.09, 3849877.25	0.01002	0.01121	0.00994	1.54E-04	8.16E-07	2.67E-04	0.000421	1.57E-04	8.03E-07	2.97E-04	4.54E-04	1.49E-04	1.02E-06	5.69E-04	7.20E-04
3507	474863.09, 3849877.25	0.01034	0.01177	0.01024	1.59E-04	8.57E-07	2.75E-04	0.000434	1.62E-04	8.43E-07	3.05E-04	4.68E-04	1.54E-04	1.07E-06	5.87E-04	7.42E-04
3508	475363.09, 3849877.25	0.01049	0.01182	0.01032	1.61E-04	8.60E-07	2.77E-04	0.000439	1.64E-04	8.47E-07	3.08E-04	4.73E-04	1.56E-04	1.08E-06	5.91E-04	7.49E-04
3509	475863.09, 3849877.25	0.01072	0.01192	0.01037	1.65E-04	8.68E-07	2.78E-04	0.000443	1.68E-04	8.54E-07	3.09E-04	4.78E-04	1.60E-04	1.08E-06	5.94E-04	7.55E-04
3510	476363.09, 3849877.25	0.01087	0.01189	0.01034	1.67E-04	8.65E-07	2.77E-04	0.000445	1.70E-04	8.52E-07	3.08E-04	4.80E-04	1.62E-04	1.08E-06	5.92E-04	7.55E-04
3511	476863.09, 3849877.25	0.01093	0.01182	0.01021	1.68E-04	8.60E-07	2.74E-04	0.000442	1.71E-04	8.47E-07	3.05E-04	4.77E-04	1.63E-04	1.08E-06	5.85E-04	7.49E-04
3512	477363.09, 3849877.25	0.01065	0.01134	0.00982	1.63E-04	8.25E-07	2.63E-04	0.000428	1.67E-04	8.13E-07	2.93E-04	4.61E-04	1.59E-04	1.03E-06	5.63E-04	7.22E-04
3513	477863.09, 3849877.25	0.01083	0.01122	0.0101	1.66E-04	8.17E-07	2.71E-04	0.000438	1.70E-04	8.04E-07	3.01E-04	4.72E-04	1.61E-04	1.02E-06	5.79E-04	7.41E-04
3514	478363.09, 3849877.25	0.01317	0.01435	0.01275	2.02E-04	1.04E-06	3.42E-04	0.000545	2.06E-04	1.03E-06	3.80E-04	5.88E-04	1.96E-04	1.31E-06	7.30E-04	9.28E-04
3515	478863.09, 3849877.25	0.01588	0.01806	0.01577	2.44E-04	1.31E-06	4.23E-04	0.000668	2.49E-04	1.29E-06	4.70E-04	7.21E-04	2.37E-04	1.64E-06	9.03E-04	1.14E-03
3516	479363.09, 3849877.25	0.01441	0.01569	0.01422	2.21E-04	1.14E-06	3.81E-04	0.000604	2.26E-04	1.12E-06	4.24E-04	6.51E-04	2.15E-04	1.43E-06	8.15E-04	1.03E-03
3517	479863.09, 3849877.25	0.01292	0.0132	0.01258	1.98E-04	9.61E-07	3.37E-04	0.000537	2.03E-04	9.46E-07	3.75E-04	5.79E-04	1.92E-04	1.20E-06	7.21E-04	9.14E-04
3518	480363.09, 3849877.25	0.00992	0.01022	0.00951	1.52E-04	7.44E-07	2.55E-04	0.000408	1.56E-04	7.32E-07	2.84E-04	4.40E-04	1.48E-04	9.30E-07	5.45E-04	6.93E-04
3519	480863.09, 3849877.25	0.00807	0.00807	0.00762	1.24E-04	5.87E-07	2.04E-04	0.000329	1.27E-04	5.78E-07	2.27E-04	3.54E-04	1.20E-04	7.34E-07	4.37E-04	5.57E-04
3520	481363.09, 3849877.25	0.00689	0.00703	0.00644	1.06E-04	5.12E-07	1.73E-04	0.000279	1.08E-04	5.04E-07	1.92E-04	3.01E-04	1.03E-04	6.39E-07	3.69E-04	4.72E-04
3521	481863.09, 3849877.25	0.0044	0.0044	0.00425	6.75E-05	3.20E-07	1.14E-04	0.000182	6.90E-05	3.15E-07	1.27E-04	1.96E-04	6.55E-05	4.00E-07	2.43E-04	3.09E-04
3522	482363.09, 3849877.25	0.00375	0.00398	0.00363	5.75E-05	2.90E-07	9.74E-05	0.000155	5.88E-05	2.85E-07	1.08E-04	1.67E-04	5.59E-05	3.62E-07	2.08E-04	2.64E-04
3523	482863.09, 3849877.25	0.00333	0.00369	0.00322	5.11E-05	2.69E-07	8.64E-05	0.000138	5.22E-05	2.64E-07	9.61E-05	1.49E-04	4.96E-05	3.36E-07	1.84E-04	2.34E-04
3524	483363.09, 3849877.25	0.00296	0.00314	0.00288	4.54E-05	2.29E-07	7.72E-05	0.000123	4.64E-05	2.25E-07	8.59E-05	1.33E-04	4.41E-05	2.86E-07	1.65E-04	2.09E-04

3525	483863.09, 3849877.25	0.00291	0.00298	0.00281	4.47E-05	2.17E-07	7.54E-05	0.00012	4.56E-05	2.14E-07	8.38E-05	1.30E-04	4.34E-05	2.71E-07	1.61E-04	2.05E-04
3526	484363.09, 3849877.25	0.00365	0.00353	0.00345	5.60E-05	2.57E-07	9.25E-05	0.000149	5.72E-05	2.53E-07	1.03E-04	1.60E-04	5.44E-05	3.21E-07	1.98E-04	2.52E-04
3527	484863.09, 3849877.25	0.00468	0.00436	0.00437	7.18E-05	3.17E-07	1.17E-04	0.000189	7.34E-05	3.12E-07	1.30E-04	2.04E-04	6.97E-05	3.97E-07	2.50E-04	3.20E-04
3528	485363.09, 3849877.25	0.00428	0.00437	0.00398	6.57E-05	3.18E-07	1.07E-04	0.000173	6.71E-05	3.13E-07	1.19E-04	1.86E-04	6.38E-05	3.98E-07	2.28E-04	2.92E-04
3529	485863.09, 3849877.25	0.00363	0.00379	0.00342	5.57E-05	2.76E-07	9.17E-05	0.000148	5.69E-05	2.72E-07	1.02E-04	1.59E-04	5.41E-05	3.45E-07	1.96E-04	2.50E-04
3530	486363.09, 3849877.25	0.00337	0.00326	0.00326	5.17E-05	2.37E-07	8.74E-05	0.000139	5.28E-05	2.34E-07	9.73E-05	1.50E-04	5.02E-05	2.97E-07	1.87E-04	2.37E-04
3531	486863.09, 3849877.25	0.00366	0.00383	0.00356	5.62E-05	2.79E-07	9.55E-05	0.000152	5.74E-05	2.74E-07	1.06E-04	1.64E-04	5.45E-05	3.48E-07	2.04E-04	2.59E-04
3532	487363.09, 3849877.25	0.00369	0.00415	0.00361	5.66E-05	3.02E-07	9.68E-05	0.000154	5.79E-05	2.97E-07	1.08E-04	1.66E-04	5.50E-05	3.77E-07	2.07E-04	2.62E-04
3533	487863.09, 3849877.25	0.00369	0.00455	0.00366	5.66E-05	3.31E-07	9.82E-05	0.000155	5.79E-05	3.26E-07	1.09E-04	1.67E-04	5.50E-05	4.14E-07	2.10E-04	2.65E-04
3534	488363.09, 3849877.25	0.00379	0.00469	0.00376	5.82E-05	3.41E-07	1.01E-04	0.000159	5.94E-05	3.36E-07	1.12E-04	1.72E-04	5.65E-05	4.27E-07	2.15E-04	2.72E-04
3535	488863.09, 3849877.25	0.00393	0.0049	0.00393	6.03E-05	3.57E-07	1.05E-04	0.000166	6.16E-05	3.51E-07	1.17E-04	1.79E-04	5.85E-05	4.46E-07	2.25E-04	2.84E-04
3536	489363.09, 3849877.25	0.00402	0.00502	0.00407	6.17E-05	3.65E-07	1.09E-04	0.000171	6.30E-05	3.60E-07	1.21E-04	1.85E-04	5.99E-05	4.57E-07	2.33E-04	2.93E-04
3537	489863.09, 3849877.25	0.00404	0.00499	0.00418	6.20E-05	3.63E-07	1.12E-04	0.000174	6.33E-05	3.58E-07	1.25E-04	1.88E-04	6.02E-05	4.54E-07	2.39E-04	3.00E-04
3538	490363.09, 3849877.25	0.00405	0.00507	0.00426	6.21E-05	3.69E-07	1.14E-04	0.000177	6.35E-05	3.63E-07	1.27E-04	1.91E-04	6.03E-05	4.61E-07	2.44E-04	3.05E-04
3539	490863.09, 3849877.25	0.00418	0.00553	0.00442	6.41E-05	4.03E-07	1.19E-04	0.000183	6.55E-05	3.96E-07	1.32E-04	1.98E-04	6.23E-05	5.03E-07	2.53E-04	3.16E-04
3540	491363.09, 3849877.25	0.00431	0.00594	0.00457	6.61E-05	4.32E-07	1.23E-04	0.000189	6.76E-05	4.26E-07	1.36E-04	2.04E-04	6.42E-05	5.40E-07	2.62E-04	3.27E-04
3541	491863.09, 3849877.25	0.0043	0.00616	0.00461	6.60E-05	4.48E-07	1.24E-04	0.00019	6.74E-05	4.41E-07	1.38E-04	2.05E-04	6.41E-05	5.60E-07	2.64E-04	3.29E-04
3542	492363.09, 3849877.25	0.00432	0.00634	0.00467	6.63E-05	4.62E-07	1.25E-04	0.000192	6.77E-05	4.54E-07	1.39E-04	2.08E-04	6.44E-05	5.77E-07	2.68E-04	3.32E-04
3543	492863.09, 3849877.25	0.00421	0.00629	0.00458	6.46E-05	4.58E-07	1.23E-04	0.000188	6.60E-05	4.51E-07	1.37E-04	2.03E-04	6.27E-05	5.72E-07	2.62E-04	3.26E-04
3544	493363.09, 3849877.25	0.00411	0.00614	0.00449	6.31E-05	4.47E-07	1.20E-04	0.000184	6.44E-05	4.40E-07	1.34E-04	1.99E-04	6.12E-05	5.59E-07	2.57E-04	3.19E-04
3545	493863.09, 3849877.25	0.00414	0.00612	0.00452	6.35E-05	4.45E-07	1.21E-04	0.000185	6.49E-05	4.39E-07	1.35E-04	2.00E-04	6.17E-05	5.57E-07	2.59E-04	3.21E-04
3546	494363.09, 3849877.25	0.00503	0.00732	0.00544	7.72E-05	5.33E-07	1.46E-04	0.000224	7.89E-05	5.24E-07	1.62E-04	2.42E-04	7.49E-05	6.66E-07	3.12E-04	3.87E-04
3547	494863.09, 3849877.25	0.00578	0.00833	0.00621	8.87E-05	6.06E-07	1.67E-04	0.000256	9.06E-05	5.97E-07	1.85E-04	2.76E-04	8.61E-05	7.58E-07	3.56E-04	4.43E-04
3548	495363.09, 3849877.25	0.00535	0.00765	0.00576	8.21E-05	5.57E-07	1.54E-04	0.000237	8.39E-05	5.48E-07	1.72E-04	2.56E-04	7.97E-05	6.96E-07	3.30E-04	4.10E-04
3549	495863.09, 3849877.25	0.00622	0.00873	0.00665	9.54E-05	6.35E-07	1.78E-04	0.000274	9.75E-05	6.26E-07	1.98E-04	2.97E-04	9.27E-05	7.94E-07	3.81E-04	4.74E-04
3550	496363.09, 3849877.25	0.00667	0.00916	0.00711	1.02E-04	6.67E-07	1.91E-04	0.000294	1.05E-04	6.56E-07	2.12E-04	3.17E-04	9.94E-05	8.33E-07	4.07E-04	5.07E-04
3551	496863.09, 3849877.25	0.00704	0.0095	0.0075	1.08E-04	6.92E-07	2.01E-04	0.00031	1.10E-04	6.81E-07	2.24E-04	3.35E-04	1.05E-04	8.64E-07	4.30E-04	5.35E-04
3552	497363.09, 3849877.25	0.00837	0.01108	0.00887	1.28E-04	8.07E-07	2.38E-04	0.000367	1.31E-04	7.94E-07	2.65E-04	3.97E-04	1.25E-04	1.01E-06	5.08E-04	6.34E-04
3553	497863.09, 3849877.25	0.009	0.0117	0.00952	1.38E-04	8.52E-07	2.55E-04	0.000394	1.41E-04	8.38E-07	2.84E-04	4.26E-04	1.34E-04	1.06E-06	5.45E-04	6.80E-04
3554	498363.09, 3849877.25	0.00889	0.01145	0.00942	1.36E-04	8.33E-07	2.53E-04	0.00039	1.39E-04	8.20E-07	2.81E-04	4.21E-04	1.32E-04	1.04E-06	5.40E-04	6.73E-04
3555	471363.09, 3850377.25	0.00437	0.00512	0.00448	6.71E-05	3.73E-07	1.20E-04	0.000188	6.85E-05	3.67E-07	1.34E-04	2.03E-04	6.51E-05	4.66E-07	2.57E-04	3.22E-04
3556	471863.09, 3850377.25	0.00573	0.00641	0.00579	8.79E-05	4.67E-07	1.55E-04	0.000244	8.98E-05	4.59E-07	1.73E-04	2.63E-04	8.54E-05	5.83E-07	3.32E-04	4.18E-04
3557	472363.09, 3850377.25	0.00647	0.0068	0.00646	9.93E-05	4.95E-07	1.73E-04	0.000273	1.01E-04	4.87E-07	1.93E-04	2.95E-04	9.64E-05	6.19E-07	3.70E-04	4.67E-04
3558	472863.09, 3850377.25	0.00788	0.00803	0.00772	1.21E-04	5.85E-07	2.07E-04	0.000329	1.24E-04	5.75E-07	2.30E-04	3.54E-04	1.17E-04	7.30E-07	4.42E-04	5.60E-04
3559	473363.09, 3850377.25	0.00863	0.00888	0.00843	1.32E-04	6.46E-07	2.26E-04	0.000359	1.35E-04	6.36E-07	2.51E-04	3.87E-04	1.29E-04	8.08E-07	4.83E-04	6.12E-04
3560	473863.09, 3850377.25	0.00955	0.0099	0.00933	1.47E-04	7.21E-07	2.50E-04	0.000398	1.50E-04	7.09E-07	2.78E-04	4.29E-04	1.42E-04	9.01E-07	5.34E-04	6.78E-04
3561	474363.09, 3850377.25	0.01038	0.0107	0.01017	1.59E-04	7.79E-07	2.73E-04	0.000433	1.63E-04	7.67E-07	3.03E-04	4.67E-04	1.55E-04	9.73E-07	5.83E-04	7.38E-04
3562	474863.09, 3850377.25	0.01108	0.01186	0.01093	1.70E-04	8.63E-07	2.93E-04	0.000464	1.74E-04	8.50E-07	3.26E-04	5.01E-04	1.65E-04	1.08E-06	6.26E-04	7.92E-04
3563	475363.09, 3850377.25	0.01167	0.01324	0.01155	1.79E-04	9.64E-07	3.10E-04	0.00049	1.83E-04	9.49E-07	3.45E-04	5.28E-04	1.74E-04	1.20E-06	6.62E-04	8.37E-04
3564	475863.09, 3850377.25	0.01201	0.01381	0.01186	1.84E-04	1.01E-06	3.18E-04	0.000503	1.88E-04	9.90E-07	3.54E-04	5.43E-04	1.79E-04	1.26E-06	6.79E-04	8.60E-04
3565	476363.09, 3850377.25	0.01225	0.01391	0.01195	1.88E-04	1.01E-06	3.21E-04	0.000509	1.92E-04	9.97E-07	3.56E-04	5.50E-04	1.82E-04	1.27E-06	6.85E-04	8.68E-04
3566	476863.09, 3850377.25	0.01253	0.01397	0.01198	1.92E-04	1.02E-06	3.21E-04	0.000515	1.96E-04	1.00E-06	3.57E-04	5.55E-04	1.87E-04	1.27E-06	6.86E-04	8.74E-04
3567	477363.09, 3850377.25	0.01275	0.01395	0.0119	1.96E-04	1.02E-06	3.19E-04	0.000516	2.00E-04	1.00E-06	3.55E-04	5.56E-04	1.90E-04	1.27E-06	6.82E-04	8.73E-04
3568	477863.09, 3850377.25	0.01241	0.01346	0.01146	1.90E-04	9.80E-07	3.07E-04	0.000499	1.95E-04	9.64E-07	3.42E-04	5.37E-04	1.85E-04	1.22E-06	6.56E-04	8.43E-04
3569	478363.09, 3850377.25	0.01234	0.01296	0.0115	1.89E-04	9.43E-07	3.08E-04	0.000499	1.93E-04	9.29E-07	3.43E-04	5.37E-04	1.84E-04	1.18E-06	6.59E-04	8.44E-04
3570	478863.09, 3850377.25	0.01589	0.01745	0.01518	2.44E-04	1.27E-06	4.07E-04	0.000652	2.49E-04	1.25E-06	4.53E-04	7.03E-04	2.37E-04	1.59E-06	8.70E-04	1.11E-03
3571	479363.09, 3850377.25	0.01895	0.02208	0.01876	2.91E-04	1.61E-06	5.03E-04	0.000796	2.97E-04	1.58E-06	5.60E-04	8.58E-04	2.82E-04	2.01E-06	1.07E-03	1.36E-03
3572	479863.09, 3850377.25	0.01759	0.01921	0.01726	2.70E-04	1.40E-06	4.63E-04	0.000734	2.76E-04	1.38E-06	5.15E-04	7.92E-04	2.62E-04	1.75E-06	9.89E-04	1.25E-03
3573	480363.09, 3850377.25	0.01477	0.01567	0.01433	2.27E-04	1.14E-06	3.84E-04	0.000612	2.32E-04	1.12E-06	4.27E-04	6.60E-04	2.20E-04	1.43E-06	8.21E-04	1.04E-03
3574	480863.09, 3850377.25	0.01364	0.01431	0.01302	2.09E-04	1.04E-06	3.49E-04	0.00056	2.14E-04	1.03E-06	3.88E-04	6.03E-04	2.03E-04	1.30E-06	7.46E-04	9.50E-04
3575	481363.09, 3850377.25	0.00855	0.00885	0.00797	1.31E-04	6.44E-07	2.14E-04	0.000346	1.34E-04	6.34E-07	2.38E-04	3.72E-04	1.27E-04	8.05E-07	4.57E-04	5.85E-04
3576	481863.09, 3850377.25	0.00767	0.00739	0.00725	1.18E-04	5.38E-07	1.94E-04	0.000313	1.20E-04	5.30E-07	2.16E-04	3.37E-04	1.14E-04	6.72E-07	4.15E-04	5.30E-04
3577	482363.09, 3850377.25	0.00684	0.0068	0.00646	1.05E-04	4.95E-07	1.73E-04	0.000279	1.07E-04	4.87E-07	1.93E-04	3.00E-04	1.02E-04	6.19E-07	3.70E-04	4.73E-04
3578	482863.09, 3850377.25	0.00478	0.00509	0.00453	7.33E-05	3.71E-07	1.21E-04	0.000195	7.49E-05	3.65E-07	1.35E-04	2.10E-04	7.12E-05	4.63E-07	2.59E-04	3.31E-04
3579	483363.09, 3850377.25	0.00391	0.0042	0.00376	6.00E-05	3.06E-07	1.01E-04	0.000161	6.13E-05	3.01E-07	1.12E-04	1.74E-04	5.82E-05	3.82E-07	2.15E-04	2.74E-04
3580	483863.09, 3850377.25	0.00413	0.00411	0.0039	6.34E-05	2.99E-07	1.05E-04	0.000168	6.48E-05	2.94E-07	1.16E-04	1.81E-04	6.15E-05	3.74E-07	2.23E-04	2.85E-04
3581	484363.09, 3850377.25	0.00477	0.00442	0.00445	7.32E-05	3.22E-07	1.19E-04	0.000193	7.48E-05	3.17E-07	1.33E-04	2.08E-04	7.11E-05	4.02E-07	2.55E-04	3.26E-04
3582	484863.09, 3850377.25	0.00558	0.0054	0.00519	8.56E-05	3.93E-07	1.39E-04	0.000225	8.75E-05	3.87E-07	1.55E-04	2.43E-04	8.31E-05	4.91E-07	2.97E-04	3.81E-04
3583	485363.09, 3850377.25	0.00545	0.00536	0.00504	8.36E-05	3.90E-07	1.35E-04	0.000219	8.55E-05	3.84E-07	1.50E-04	2.36E-04	8.12E-05	4.88E-07	2.89E-04	3.70E-04
3584	485863.09, 3850377.25	0.00484	0.00495	0.00456	7.43E-05	3.60E-07	1.22E-04	0.000197	7.59E-05	3.55E-07	1.36E-04	2.12E-04	7.21E-05	4.50E-07	2.61E-04	3.34E-04
3585	486363.09, 3850377.25	0.00475	0.00465	0.00455	7.29E-05	3.38E-07	1.22E-04	0.000195	7.45E-05	3.33E-07	1.36E-04	2.11E-04	7.08E-05	4.23E-07	2.61E-04	3.32E-04
3586	486863.09, 3850377.25	0.00475	0.00516	0.00459	7.29E-05	3.76E-07	1.23E-04	0.000196	7.45E-05	3.70E-07	1.37E-04	2.12E-04	7.08E-05	4.69E-07	2.63E-04	3.34E-04
3587	487363.09, 3850377.25	0.00461	0.00556	0.00449	7.07E-05	4.05E-07	1.20E-04	0.000192	7.23E-05	3.98E-07	1.34E-04	2.07E-04	6.87E-05	5.06E-07	2.57E-04	3.26E-04
3588	487863.09, 3850377.25	0.00475	0.00588	0.00465	7.29E-05	4.28E-07	1.25E-04	0.000198	7.45E-05	4.21E-07	1.39E-04	2.14E-04	7.08E-05	5.35E-07	2.66E-04	3.38E-04
3589	488363.09, 3850377.25	0.00485	0.00588	0.0048	7.44E-05	4.28E-07	1.29E-04	0.000204	7.60E-05	4.21E-07	1.43E-04	2.20E-04	7.23E-05	5.35E-07	2.75E-04	3.48E-04
3590	488863.09, 3850377.25	0.00501	0.00621	0.00505	7.69E-05	4.52E-07	1.35E-04	0.000213	7.86E-05	4.45E-07	1.51E-04	2.30E-04	7.46E-05	5.65E-07	2.89E-04	3.64E-04
3591	489363.09, 3850377.25	0.00514	0.0064	0.0053	7.89E-05	4.66E-07	1.42E-04	0.000221	8.06E-05	4.59E-07	1.58E-04	2.39E-04	7.66E-05	5.82E-07	3.04E-04	3.81E-04
3592	489863.09, 3850377.25	0.00519	0.00655	0.00543	7.96E-05	4.77E-07	1.46E-04	0.000226	8.14E-05	4.69E-07	1.62E-04	2.44E-04	7.73E-05	5.96E-07	3.11E-04	3.89E-04
3593	490363.09, 3850377.25	0.00532	0.0072	0.00561	8.16E-05	5.24E-07	1.50E-04	0.000233	8.34E-05	5.16E-07	1.67E-04	2.51E-04	7.93E-05	6.55E-07	3.21E-04	4.01E-04
3594	490863.09, 3850377.25	0.00551	0.00783	0.00584	8.46E-05	5.70E-07	1.57E-04	0.000242	8.64E-05	5.61E-07	1.74E-04	2.61E-04	8.21E-05	7.12E-07	3.35E-04	4.17E-04
3595	491363.09, 3850377.25	0.00567	0.00828	0.00603	8.70E-05	6.03E-07	1.62E-04	0.000249	8.89E-05	5.93E-07	1.80E-04	2.69E-04	8.45E-05	7.53E-07	3.45E-04	4.31E-04
3596	491863.09, 3850377.25	0.00561	0.00835	0.00602	8.61E-05	6.08E-07	1.61E-04	0.000248	8.80E-05	5.98E-07	1.80E-04	2.68E-04	8.36E-05	7.60E-07	3.45E-04	4.29E-04
3597	492363.09, 3850377.25	0.0055	0.00832	0.00593	8.44E-05	6.06E-07	1.59E-04	0.000244	8.62E-05	5.96E-07	1.77E-04	2.64E-04	8.19E-05	7.57E-07	3.40E-04	4.22E-04
3598	492863.09, 3850377.25	0.00552	0.00836	0.00598	8.47E-05	6.09E-07	1.60E-04	0.000246	8.65E-05	5.99E-07	1.78E-04	2.66E-04	8.22E-05	7.60E-07	3.43E-04	4.26E-04
3599	493363.09, 3850377.25	0.0054	0.00809	0.00585	8.29E-05	5.89E-07	1.57E-04	0.00024	8.47E-05	5.80E-07	1.75E-04	2.60E-04	8.04E-05	7.36E-07	3.35E-04	4.16E-04
3600	493863.09, 3850377.25	0.00601	0.00892	0.00649	9.22E-05	6.49E-07	1.74E-04	0.000267	9.42E-05	6.39E-07	1.94E-04	2.88E-04	8.95E-05	8.11E-07	3.72E-04	4.62E-04
3601	494363.09, 3850377.25	0.00654	0.00957	0.00702	1.00E-04	6.97E-07	1.88E-04	0.000289	1.03E-04	6.86E-07	2.09E-04	3.13E-04	9.74E-05	8.71E-07	4.02E-04	5.00E-04
3602	494863.09, 3850377.25	0.00736	0.01056	0.00785	1.13E-04	7.69E-07	2.11E-04	0.000324	1.15E-04	7.57E-07	2.34E-04	3.50E-04	1.10E-04	9.61E-07	4.50E-04	5.60E-04
3603	495363.09, 3850377.25	0.00837	0.01169	0.00888	1.28E-04	8.51E-07	2.38E-04	0.000367	1.31E-04	8.38E-07	2.65E-04	3.97E-04	1.25E-04	1.06E-06	5.09E-04	6.34E-04
3604	495863.09, 3850377.25	0.00819	0.01122	0.00871	1.26E-04	8.17E-07	2.34E-04	0.00036	1.28E-04	8.04E-07	2.60E-04	3.89E-04	1.22E-04	1.02E-06	4.99E-04	6.22E-04
3605	496363.09, 3850377.25	0.00921	0.01235	0.00976	1.41E-04	8.99E-07	2.62E-04	0.000404	1.44E-04	8.85E-07	2.91E-04	4.36E-04	1.37E-04	1.12E-06	5.59E-04	6.97E-04
3606	496863.09, 3850377.25	0.01019	0.01342	0.01077	1.56E-04	9.77E-07	2.89E-04	0.000446	1.60E-04	9.62E-07	3.21E-04	4.82E-04	1.52E-04	1.22E-06	6.17E-04	7.70E-04
3607	497363.09, 3850377.25	0.01071	0.01393	0.01132	1.64E-04	1.01E-06	3.04E-04	0.000469	1.68E-04	9.98E-07	3.38E-04	5.07E-04	1.60E-04	1.27E-06	6.48E-04	8.09E-04
3608	497863.09, 3850377.25	0.01078	0.01393	0.0114	1.65E-04	1.01E-06	3.06E-04	0.000472	1.69E-04	9.98E-07	3.40E-04	5.10E-04	1.61E-04	1.27E-06	6.53E-04	8.15E-04
3609	498363.09, 3850377.25	0.01083	0.0139	0.01148	1.66E-04	1.01E-06	3.08E-04	0.000475	1.70E-04	9.96E-07	3.42E-04	5.13E-04	1.61E-04	1.26E-06	6.58E-04	8.20E-04
3610	471363.09, 3850877.25	0.00546	0.00638	0.00553	8.38E-05	4.64E-07	1.48E-04	0.000233	8.56E-05	4.57E-07	1.65E-04	2.51E-04	8.13E-05	5.80E-07	3.17E-04	3.99E-04
3611	471863.09, 3850877.25	0.00608	0.00726	0.00616	9.33E-05	5.28E-07	1.65E-04	0.000259	9.53E-05	5.20E-07	1.84E-04	2.80E-04	9.06E-05	6.60E-07	3.53E-04	4.44E-04
3612	472363.09, 3850877.25	0.00696	0.00835	0.00704	1.07E-04	6.08E-07	1.89E-04	0.000296	1.09E-04	5.98E-07	2.10E-04	3.20E-04	1.04E-04	7.60E-07	4.03E-04	5.08E-04
3613	472863.09, 3850877.25	0.0078	0.00904	0.00784	1.20E-04	6.58E-07	2.10E-04	0.000331	1.22E-04	6.48E-07	2.34E-04	3.57E-04	1.16E-04	8.22E-07	4.49E-04	5.66E-04
3614	473363.09, 3850877.25	0.00763	0.00829	0.00765	1.17E-04	6.03E-07	2.05E-04	0.000323	1.20E-04	5.94E-07	2.28E-04	3.48E-04	1.14E-04	7.54E-07	4.38E-04	5.53E-04
3615	473863.09, 3850877.25	0.00886	0.00916	0.00875	1.36E-04	6.67E-07	2.35E-04	0.000371	1.39E-04	6.56E-07	2.61E-04	4.01E-04	1.32E-04	8.33E-07	5.01E-04	6.34E-04
3616	474363.09, 3850877.25	0.01034	0.01067	0.01006	1.59E-04	7.77E-07	2.70E-04	0.000429	1.62E-04	7.65E-07	3.00E-04	4.63E-04	1.54E-04	9.71E-07	5.76E-04	7.31E-04
3617	474863.09, 3850877.25	0.0113	0.01175	0.01099	1.73E-04	8.55E-07	2.95E-04	0.000469	1.77E-04	8.42E-07	3.28E-04	5.06E-04	1.68E-04	1.07E-06	6.30E-04	7.99E-04
3618	475363.09, 3850877.25	0.0122	0.01273	0.01193	1.87E-04	9.27E-07	3.20E-04	0.000508	1.91E-04	9.12E-07	3.56E-04	5.48E-04	1.82E-04	1.16E-06	6.83E-04	8.66E-04
3619	475863.09, 3850877.25	0.01311	0.01428	0.01287	2.01E-04	1.04E-06	3.45E-04	0.000547	2.06E-04	1.02E-06	3.84E-04	5.91E-04	1.95E-04	1.30E-06	7.37E-04	9.34E-04
3620	476363.09, 3850877.25	0.01379	0.01588	0.01359	2.12E-04	1.16E-06	3.64E-04	0.000577	2.16E-04	1.14E-06	4.05E-04	6.23E-04	2.05E-04	1.44E-06	7.78E-04	9.85E-04
3621	476863.09, 3850877.25	0.01425	0.01654	0.01396	2.19E-04	1.20E-06	3.74E-04	0.000594	2.23E-04	1.19E-06	4.16E-04	6.41E-04	2.12E-04	1.50E-06	8.00E-04	1.01E-03
3622	477363.09, 3850877.25	0.01469	0.01675	0.01412	2.25E-04	1.22E-06	3.79E-04	0.000605	2.30E-04	1.20E-06	4.21E-04	6.53E-04	2.19E-04	1.52E-06	8.09E-04	1.03E-03

3623	477863.09, 3850877.25	0.01505	0.01677	0.01409	2.31E-04	1.22E-06	3.78E-04	0.00061	2.36E-04	1.20E-06	4.20E-04	6.58E-04	2.24E-04	1.53E-06	8.07E-04	1.03E-03
3624	478363.09, 3850877.25	0.01495	0.01639	0.01373	2.29E-04	1.19E-06	3.68E-04	0.000599	2.34E-04	1.17E-06	4.10E-04	6.45E-04	2.23E-04	1.49E-06	7.87E-04	1.01E-03
3625	478863.09, 3850877.25	0.01572	0.01632	0.01412	2.41E-04	1.19E-06	3.79E-04	0.000621	2.46E-04	1.17E-06	4.21E-04	6.69E-04	2.34E-04	1.48E-06	8.09E-04	1.04E-03
3626	479363.09, 3850877.25	0.01898	0.02087	0.01784	2.91E-04	1.52E-06	4.78E-04	0.000771	2.98E-04	1.50E-06	5.32E-04	8.31E-04	2.83E-04	1.90E-06	1.02E-03	1.31E-03
3627	479863.09, 3850877.25	0.02202	0.02614	0.02181	3.38E-04	1.90E-06	5.85E-04	0.000925	3.45E-04	1.87E-06	6.51E-04	9.98E-04	3.28E-04	2.38E-06	1.25E-03	1.58E-03
3628	480363.09, 3850877.25	0.02213	0.02414	0.02123	3.40E-04	1.76E-06	5.69E-04	0.000911	3.47E-04	1.73E-06	6.33E-04	9.82E-04	3.30E-04	2.20E-06	1.22E-03	1.55E-03
3629	480863.09, 3850877.25	0.01951	0.02118	0.0186	2.99E-04	1.54E-06	4.99E-04	0.0008	3.06E-04	1.52E-06	5.55E-04	8.62E-04	2.91E-04	1.93E-06	1.07E-03	1.36E-03
3630	481363.09, 3850877.25	0.01716	0.01889	0.01619	2.63E-04	1.38E-06	4.34E-04	0.000699	2.69E-04	1.35E-06	4.83E-04	7.53E-04	2.56E-04	1.72E-06	9.27E-04	1.18E-03
3631	481863.09, 3850877.25	0.01393	0.01391	0.01288	2.14E-04	1.01E-06	3.45E-04	0.00056	2.18E-04	9.97E-07	3.84E-04	6.04E-04	2.08E-04	1.27E-06	7.38E-04	9.47E-04
3632	482363.09, 3850877.25	0.00991	0.00968	0.00931	1.52E-04	7.05E-07	2.50E-04	0.000402	1.55E-04	6.94E-07	2.78E-04	4.34E-04	1.48E-04	8.81E-07	5.33E-04	6.82E-04
3633	482863.09, 3850877.25	0.00786	0.00811	0.00729	1.21E-04	5.90E-07	1.96E-04	0.000317	1.23E-04	5.81E-07	2.17E-04	3.41E-04	1.17E-04	7.38E-07	4.18E-04	5.35E-04
3634	483363.09, 3850877.25	0.006	0.00638	0.00569	9.21E-05	4.64E-07	1.53E-04	0.000245	9.41E-05	4.57E-07	1.70E-04	2.64E-04	8.94E-05	5.80E-07	3.26E-04	4.16E-04
3635	483863.09, 3850877.25	0.0058	0.00578	0.00549	8.90E-05	4.21E-07	1.47E-04	0.000237	9.09E-05	4.14E-07	1.64E-04	2.55E-04	8.64E-05	5.26E-07	3.14E-04	4.01E-04
3636	484363.09, 3850877.25	0.0066	0.00601	0.00611	1.01E-04	4.37E-07	1.64E-04	0.000266	1.03E-04	4.31E-07	1.82E-04	2.86E-04	9.83E-05	5.47E-07	3.50E-04	4.49E-04
3637	484863.09, 3850877.25	0.00644	0.00639	0.00594	9.88E-05	4.65E-07	1.59E-04	0.000259	1.01E-04	4.58E-07	1.77E-04	2.79E-04	9.59E-05	5.81E-07	3.40E-04	4.37E-04
3638	485363.09, 3850877.25	0.00675	0.00649	0.00624	1.04E-04	4.72E-07	1.67E-04	0.000271	1.06E-04	4.65E-07	1.86E-04	2.92E-04	1.01E-04	5.90E-07	3.57E-04	4.59E-04
3639	485863.09, 3850877.25	0.00585	0.00595	0.00556	8.98E-05	4.33E-07	1.49E-04	0.000239	9.17E-05	4.26E-07	1.66E-04	2.58E-04	8.71E-05	5.41E-07	3.19E-04	4.06E-04
3640	486363.09, 3850877.25	0.00613	0.00622	0.00587	9.41E-05	4.53E-07	1.57E-04	0.000252	9.61E-05	4.46E-07	1.75E-04	2.72E-04	9.13E-05	5.66E-07	3.36E-04	4.28E-04
3641	486863.09, 3850877.25	0.00613	0.00723	0.0059	9.41E-05	5.26E-07	1.58E-04	0.000253	9.61E-05	5.18E-07	1.76E-04	2.73E-04	9.13E-05	6.58E-07	3.38E-04	4.30E-04
3642	487363.09, 3850877.25	0.00598	0.00736	0.00578	9.18E-05	5.36E-07	1.55E-04	0.000247	9.38E-05	5.27E-07	1.72E-04	2.67E-04	8.91E-05	6.69E-07	3.31E-04	4.21E-04
3643	487863.09, 3850877.25	0.00613	0.0074	0.00604	9.41E-05	5.39E-07	1.62E-04	0.000257	9.61E-05	5.30E-07	1.80E-04	2.77E-04	9.13E-05	6.73E-07	3.46E-04	4.38E-04
3644	488363.09, 3850877.25	0.00638	0.00768	0.0064	9.79E-05	5.59E-07	1.72E-04	0.00027	1.00E-04	5.50E-07	1.91E-04	2.92E-04	9.50E-05	6.99E-07	3.67E-04	4.62E-04
3645	488863.09, 3850877.25	0.00658	0.00826	0.00674	1.01E-04	6.01E-07	1.81E-04	0.000282	1.03E-04	5.92E-07	2.01E-04	3.05E-04	9.80E-05	7.51E-07	3.86E-04	4.85E-04
3646	489363.09, 3850877.25	0.00687	0.00893	0.00714	1.05E-04	6.50E-07	1.91E-04	0.000298	1.08E-04	6.40E-07	2.13E-04	3.21E-04	1.02E-04	8.12E-07	4.09E-04	5.12E-04
3647	489863.09, 3850877.25	0.00707	0.0098	0.00744	1.08E-04	7.13E-07	2.00E-04	0.000309	1.11E-04	7.02E-07	2.22E-04	3.34E-04	1.05E-04	8.91E-07	4.26E-04	5.32E-04
3648	490363.09, 3850877.25	0.00738	0.01084	0.00782	1.13E-04	7.89E-07	2.10E-04	0.000324	1.16E-04	7.77E-07	2.33E-04	3.50E-04	1.10E-04	9.86E-07	4.48E-04	5.59E-04
3649	490863.09, 3850877.25	0.00763	0.01137	0.00809	1.17E-04	8.28E-07	2.17E-04	0.000335	1.20E-04	8.15E-07	2.41E-04	3.62E-04	1.14E-04	1.03E-06	4.63E-04	5.78E-04
3650	491363.09, 3850877.25	0.00768	0.01158	0.00818	1.18E-04	8.43E-07	2.19E-04	0.000338	1.20E-04	8.30E-07	2.44E-04	3.65E-04	1.14E-04	1.05E-06	4.69E-04	5.84E-04
3651	491863.09, 3850877.25	0.00765	0.01167	0.00818	1.17E-04	8.49E-07	2.19E-04	0.000338	1.20E-04	8.36E-07	2.44E-04	3.65E-04	1.14E-04	1.06E-06	4.69E-04	5.84E-04
3652	492363.09, 3850877.25	0.00761	0.01168	0.00814	1.17E-04	8.50E-07	2.18E-04	0.000336	1.19E-04	8.37E-07	2.43E-04	3.63E-04	1.13E-04	1.06E-06	4.66E-04	5.81E-04
3653	492863.09, 3850877.25	0.00766	0.01165	0.00821	1.18E-04	8.48E-07	2.20E-04	0.000339	1.20E-04	8.35E-07	2.45E-04	3.66E-04	1.14E-04	1.06E-06	4.70E-04	5.85E-04
3654	493363.09, 3850877.25	0.00786	0.01181	0.00842	1.21E-04	8.60E-07	2.26E-04	0.000347	1.23E-04	8.46E-07	2.51E-04	3.75E-04	1.17E-04	1.07E-06	4.82E-04	6.01E-04
3655	493863.09, 3850877.25	0.00869	0.01277	0.00927	1.33E-04	9.30E-07	2.49E-04	0.000383	1.36E-04	9.15E-07	2.77E-04	4.14E-04	1.29E-04	1.16E-06	5.31E-04	6.62E-04
3656	494363.09, 3850877.25	0.00915	0.01313	0.00974	1.40E-04	9.56E-07	2.61E-04	0.000403	1.43E-04	9.41E-07	2.91E-04	4.35E-04	1.36E-04	1.19E-06	5.58E-04	6.95E-04
3657	494863.09, 3850877.25	0.0101	0.01408	0.01071	1.55E-04	1.02E-06	2.87E-04	0.000443	1.58E-04	1.01E-06	3.20E-04	4.79E-04	1.50E-04	1.28E-06	6.14E-04	7.65E-04
3658	495363.09, 3850877.25	0.01114	0.01512	0.01179	1.71E-04	1.10E-06	3.16E-04	0.000488	1.75E-04	1.08E-06	3.52E-04	5.27E-04	1.66E-04	1.38E-06	6.75E-04	8.43E-04
3659	495863.09, 3850877.25	0.01145	0.01532	0.0121	1.76E-04	1.12E-06	3.25E-04	0.000501	1.80E-04	1.10E-06	3.61E-04	5.42E-04	1.71E-04	1.39E-06	6.93E-04	8.65E-04
3660	496363.09, 3850877.25	0.01207	0.01595	0.01276	1.85E-04	1.16E-06	3.42E-04	0.000529	1.89E-04	1.14E-06	3.81E-04	5.71E-04	1.80E-04	1.45E-06	7.31E-04	9.12E-04
3661	496863.09, 3850877.25	0.01304	0.01706	0.01376	2.00E-04	1.24E-06	3.69E-04	0.00057	2.04E-04	1.22E-06	4.10E-04	6.16E-04	1.94E-04	1.55E-06	7.88E-04	9.84E-04
3662	497363.09, 3850877.25	0.0132	0.01713	0.01393	2.03E-04	1.25E-06	3.74E-04	0.000577	2.07E-04	1.23E-06	4.16E-04	6.24E-04	1.97E-04	1.56E-06	7.98E-04	9.96E-04
3663	497863.09, 3850877.25	0.01307	0.01681	0.01382	2.01E-04	1.22E-06	3.71E-04	0.000572	2.05E-04	1.20E-06	4.12E-04	6.18E-04	1.95E-04	1.53E-06	7.92E-04	9.88E-04
3664	498363.09, 3850877.25	0.01293	0.01645	0.01368	1.98E-04	1.20E-06	3.67E-04	0.000567	2.03E-04	1.18E-06	4.08E-04	6.12E-04	1.93E-04	1.50E-06	7.84E-04	9.78E-04
3665	471363.09, 3851377.25	0.00602	0.0063	0.00612	9.24E-05	4.59E-07	1.64E-04	0.000257	9.44E-05	4.51E-07	1.83E-04	2.77E-04	8.97E-05	5.73E-07	3.51E-04	4.41E-04
3666	471863.09, 3851377.25	0.00737	0.00816	0.00744	1.13E-04	5.94E-07	2.00E-04	0.000313	1.16E-04	5.85E-07	2.22E-04	3.38E-04	1.10E-04	7.42E-07	4.26E-04	5.37E-04
3667	472363.09, 3851377.25	0.00754	0.00879	0.00759	1.16E-04	6.40E-07	2.04E-04	0.00032	1.18E-04	6.30E-07	2.26E-04	3.45E-04	1.12E-04	8.00E-07	4.35E-04	5.48E-04
3668	472863.09, 3851377.25	0.00775	0.00937	0.0078	1.19E-04	6.82E-07	2.09E-04	0.000329	1.22E-04	6.71E-07	2.33E-04	3.55E-04	1.15E-04	8.52E-07	4.47E-04	5.63E-04
3669	473363.09, 3851377.25	0.00713	0.00862	0.0072	1.09E-04	6.27E-07	1.93E-04	0.000303	1.12E-04	6.18E-07	2.15E-04	3.27E-04	1.06E-04	7.84E-07	4.12E-04	5.19E-04
3670	473863.09, 3851377.25	0.00756	0.00906	0.00764	1.16E-04	6.59E-07	2.05E-04	0.000322	1.19E-04	6.49E-07	2.28E-04	3.47E-04	1.13E-04	8.24E-07	4.38E-04	5.51E-04
3671	474363.09, 3851377.25	0.0091	0.01033	0.00914	1.40E-04	7.52E-07	2.45E-04	0.000386	1.43E-04	7.40E-07	2.73E-04	4.16E-04	1.36E-04	9.40E-07	5.24E-04	6.60E-04
3672	474863.09, 3851377.25	0.01064	0.01132	0.01055	1.63E-04	8.24E-07	2.83E-04	0.000447	1.67E-04	8.11E-07	3.15E-04	4.82E-04	1.59E-04	1.03E-06	6.04E-04	7.64E-04
3673	475363.09, 3851377.25	0.01208	0.01262	0.01183	1.85E-04	9.19E-07	3.17E-04	0.000504	1.89E-04	9.04E-07	3.53E-04	5.43E-04	1.80E-04	1.15E-06	6.78E-04	8.59E-04
3674	475863.09, 3851377.25	0.01325	0.01391	0.01295	2.03E-04	1.01E-06	3.47E-04	0.000552	2.08E-04	9.97E-07	3.86E-04	5.95E-04	1.97E-04	1.27E-06	7.42E-04	9.40E-04
3675	476363.09, 3851377.25	0.01444	0.01528	0.01413	2.22E-04	1.11E-06	3.79E-04	0.000602	2.26E-04	1.09E-06	4.22E-04	6.49E-04	2.15E-04	1.39E-06	8.09E-04	1.03E-03
3676	476863.09, 3851377.25	0.01527	0.01706	0.01511	2.34E-04	1.24E-06	4.05E-04	0.000641	2.39E-04	1.22E-06	4.51E-04	6.91E-04	2.27E-04	1.55E-06	8.66E-04	1.09E-03
3677	477363.09, 3851377.25	0.01658	0.01947	0.01628	2.54E-04	1.42E-06	4.37E-04	0.000692	2.60E-04	1.40E-06	4.86E-04	7.47E-04	2.47E-04	1.77E-06	9.33E-04	1.18E-03
3678	477863.09, 3851377.25	0.01728	0.02029	0.01677	2.65E-04	1.48E-06	4.50E-04	0.000716	2.71E-04	1.45E-06	5.00E-04	7.73E-04	2.57E-04	1.85E-06	9.61E-04	1.22E-03
3679	478363.09, 3851377.25	0.01773	0.02041	0.01687	2.72E-04	1.49E-06	4.52E-04	0.000726	2.78E-04	1.46E-06	5.03E-04	7.83E-04	2.64E-04	1.86E-06	9.66E-04	1.23E-03
3680	478863.09, 3851377.25	0.01802	0.02024	0.01665	2.77E-04	1.47E-06	4.47E-04	0.000725	2.83E-04	1.45E-06	4.97E-04	7.81E-04	2.68E-04	1.84E-06	9.54E-04	1.22E-03
3681	479363.09, 3851377.25	0.01869	0.01988	0.01684	2.87E-04	1.45E-06	4.52E-04	0.00074	2.93E-04	1.42E-06	5.02E-04	7.97E-04	2.78E-04	1.81E-06	9.65E-04	1.24E-03
3682	479863.09, 3851377.25	0.02282	0.02531	0.02118	3.50E-04	1.84E-06	5.68E-04	0.00092	3.58E-04	1.81E-06	6.32E-04	9.91E-04	3.40E-04	2.30E-06	1.21E-03	1.56E-03
3683	480363.09, 3851377.25	0.02685	0.03213	0.02603	4.12E-04	2.34E-06	6.98E-04	0.001112	4.21E-04	2.30E-06	7.77E-04	1.20E-03	4.00E-04	2.92E-06	1.49E-03	1.89E-03
3684	480863.09, 3851377.25	0.02691	0.02929	0.02524	4.13E-04	2.13E-06	6.77E-04	0.001092	4.22E-04	2.10E-06	7.53E-04	1.18E-03	4.01E-04	2.66E-06	1.45E-03	1.85E-03
3685	481363.09, 3851377.25	0.02448	0.02666	0.02284	3.76E-04	1.94E-06	6.13E-04	0.00099	3.84E-04	1.91E-06	6.81E-04	1.07E-03	3.65E-04	2.43E-06	1.31E-03	1.68E-03
3686	481863.09, 3851377.25	0.02028	0.02278	0.01875	3.11E-04	1.66E-06	5.03E-04	0.000816	3.18E-04	1.63E-06	5.59E-04	8.79E-04	3.02E-04	2.07E-06	1.07E-03	1.38E-03
3687	482363.09, 3851377.25	0.01715	0.01665	0.01588	2.63E-04	1.21E-06	4.26E-04	0.00069	2.69E-04	1.19E-06	4.74E-04	7.44E-04	2.55E-04	1.51E-06	9.10E-04	1.17E-03
3688	482863.09, 3851377.25	0.01231	0.01249	0.01139	1.89E-04	9.09E-07	3.05E-04	0.000495	1.93E-04	8.95E-07	3.40E-04	5.34E-04	1.83E-04	1.14E-06	6.52E-04	8.37E-04
3689	483363.09, 3851377.25	0.00882	0.00929	0.00814	1.35E-04	6.76E-07	2.18E-04	0.000354	1.38E-04	6.66E-07	2.43E-04	3.82E-04	1.31E-04	8.45E-07	4.66E-04	5.99E-04
3690	483863.09, 3851377.25	0.00757	0.00774	0.00711	1.16E-04	5.63E-07	1.91E-04	0.000307	1.19E-04	5.55E-07	2.12E-04	3.31E-04	1.13E-04	7.04E-07	4.07E-04	5.21E-04
3691	484363.09, 3851377.25	0.00927	0.00826	0.00849	1.42E-04	6.01E-07	2.28E-04	0.000371	1.45E-04	5.92E-07	2.53E-04	3.99E-04	1.38E-04	7.51E-07	4.86E-04	6.25E-04
3692	484863.09, 3851377.25	0.00693	0.00701	0.00646	1.06E-04	5.10E-07	1.73E-04	0.00028	1.09E-04	5.02E-07	1.93E-04	3.02E-04	1.03E-04	6.38E-07	3.70E-04	4.74E-04
3693	485363.09, 3851377.25	0.00873	0.00815	0.00809	1.34E-04	5.93E-07	2.17E-04	0.000352	1.37E-04	5.84E-07	2.41E-04	3.79E-04	1.30E-04	7.41E-07	4.63E-04	5.94E-04
3694	485863.09, 3851377.25	0.00754	0.00787	0.00717	1.16E-04	5.73E-07	1.92E-04	0.000309	1.18E-04	5.64E-07	2.14E-04	3.33E-04	1.12E-04	7.16E-07	4.11E-04	5.24E-04
3695	486363.09, 3851377.25	0.00834	0.00904	0.00788	1.28E-04	6.58E-07	2.11E-04	0.00034	1.31E-04	6.48E-07	2.35E-04	3.66E-04	1.24E-04	8.22E-07	4.51E-04	5.76E-04
3696	486863.09, 3851377.25	0.00818	0.00993	0.00787	1.26E-04	7.23E-07	2.11E-04	0.000337	1.28E-04	7.12E-07	2.35E-04	3.64E-04	1.22E-04	9.03E-07	4.51E-04	5.74E-04
3697	487363.09, 3851377.25	0.00736	0.00904	0.00728	1.13E-04	6.58E-07	1.95E-04	0.000309	1.15E-04	6.48E-07	2.17E-04	3.33E-04	1.10E-04	8.22E-07	4.17E-04	5.27E-04
3698	487863.09, 3851377.25	0.00827	0.00979	0.00832	1.27E-04	7.13E-07	2.23E-04	0.000351	1.30E-04	7.01E-07	2.48E-04	3.79E-04	1.23E-04	8.91E-07	4.77E-04	6.01E-04
3699	488363.09, 3851377.25	0.00879	0.011	0.00898	1.35E-04	8.01E-07	2.41E-04	0.000377	1.38E-04	7.88E-07	2.68E-04	4.07E-04	1.31E-04	1.00E-06	5.14E-04	6.46E-04
3700	488863.09, 3851377.25	0.00915	0.01243	0.00948	1.40E-04	9.05E-07	2.54E-04	0.000396	1.43E-04	8.91E-07	2.83E-04	4.27E-04	1.36E-04	1.13E-06	5.43E-04	6.80E-04
3701	489363.09, 3851377.25	0.00955	0.01376	0.01001	1.47E-04	1.00E-06	2.68E-04	0.000416	1.50E-04	9.86E-07	2.99E-04	4.49E-04	1.42E-04	1.25E-06	5.73E-04	7.17E-04
3702	489863.09, 3851377.25	0.00988	0.01487	0.01044	1.52E-04	1.08E-06	2.80E-04	0.000433	1.55E-04	1.07E-06	3.11E-04	4.67E-04	1.47E-04	1.35E-06	5.98E-04	7.47E-04
3703	490363.09, 3851377.25	0.01024	0.01561	0.01086	1.57E-04	1.14E-06	2.91E-04	0.00045	1.61E-04	1.12E-06	3.24E-04	4.86E-04	1.53E-04	1.42E-06	6.22E-04	7.76E-04
3704	490863.09, 3851377.25	0.01052	0.01614	0.01114	1.61E-04	1.17E-06	2.99E-04	0.000461	1.65E-04	1.16E-06	3.32E-04	4.98E-04	1.57E-04	1.47E-06	6.38E-04	7.96E-04
3705	491363.09, 3851377.25	0.01049	0.01628	0.01112	1.61E-04	1.19E-06	2.98E-04	0.00046	1.64E-04	1.17E-06	3.32E-04	4.97E-04	1.56E-04	1.48E-06	6.37E-04	7.95E-04
3706	491863.09, 3851377.25	0.0105	0.01646	0.01117	1.61E-04	1.20E-06	3.00E-04	0.000462	1.65E-04	1.18E-06	3.33E-04	4.99E-04	1.56E-04	1.50E-06	6.40E-04	7.98E-04
3707	492363.09, 3851377.25	0.01063	0.0164	0.01131	1.63E-04	1.19E-06	3.03E-04	0.000468	1.67E-04	1.18E-06	3.37E-04	5.05E-04	1.58E-04	1.49E-06	6.48E-04	8.08E-04
3708	492863.09, 3851377.25	0.01051	0.01587	0.0112	1.61E-04	1.16E-06	3.00E-04	0.000463	1.65E-04	1.14E-06	3.34E-04	5.00E-04	1.57E-04	1.44E-06	6.42E-04	8.00E-04
3709	493363.09, 3851377.25	0.0097	0.01437	0.01038	1.49E-04	1.05E-06	2.78E-04	0.000428	1.52E-04	1.03E-06	3.10E-04	4.63E-04	1.45E-04	1.31E-06	5.95E-04	7.40E-04
3710	493863.09, 3851377.25	0.01062	0.01528	0.01131	1.63E-04	1.11E-06	3.03E-04	0.000467	1.67E-04	1.09E-06	3.37E-04	5.05E-04	1.58E-04	1.39E-06	6.48E-04	8.07E-04
3711	494363.09, 3851377.25	0.01248	0.01736	0.01321	1.92E-04	1.26E-06	3.54E-04	0.000547	1.96E-04	1.24E-06	3.94E-04	5.91E-04	1.86E-04	1.58E-06	7.57E-04	9.44E-04
3712	494863.09, 3851377.25	0.01301	0.01776	0.01375	2.00E-04	1.29E-06	3.69E-04	0.00057	2.04E-04	1.27E-06	4.10E-04	6.15E-04	1.94E-04	1.62E-06	7.88E-04	9.83E-04
3713	495363.09, 3851377.25	0.01492	0.02004	0.0157	2.29E-04	1.46E-06	4.21E-04	0.000651	2.34E-04	1.44E-06	4.68E-04	7.04E-04	2.22E-04	1.82E-06	8.99E-04	1.12E-03
3714	495863.09, 3851377.25	0.01568	0.02081	0.01648	2.41E-04	1.51E-06	4.42E-04	0.000684	2.46E-04	1.49E-06	4.92E-04	7.39E-04	2.34E-04	1.89E-06	9.44E-04	1.18E-03
3715	496363.09, 3851377.25	0.01608	0.02114	0.0169	2.47E-04	1.54E-06	4.53E-04	0.000702	2.52E-04	1.51E-06	5.04E-04	7.58E-04	2.40E-04	1.92E-06	9.68E-04	1.21E-03
3716	496863.09, 3851377.25	0.01619	0.0211	0.01704	2.48E-04	1.54E-06	4.57E-04	0.000707	2.54E-04	1.51E-06	5.08E-04	7.64E-04	2.41E-04	1.92E-06	9.76E-04	1.22E-03
3717	497363.09, 3851377.25	0.01623	0.02089	0.01709	2.49E-04	1.52E-06	4.58E-04	0.000709	2.54E-04	1.50E-06	5.10E-04	7.66E-04	2.42E-04	1.90E-06	9.79E-04	1.22E-03
3718	497863.09, 3851377.25	0.01597	0.02026	0.01685	2.45E-04	1.47E-06	4.52E-04	0.000698	2.50E-04	1.45E-06	5.03E-04	7.55E-04	2.38E-04	1.84E-06	9.65E-04	1.20E-03
3719	498363.09, 3851377.25	0.0152	0.01903	0.01605	2.33E-04	1.39E-06	4.30E-04	0.000665	2.38E-04	1.36E-06	4.79E-04	7.18E-04	2.26E-04	1.73E-06	9.19E-04	1.15E-03
3720	471363.09, 3851877.25	0.00676	0.00723	0.00694	1.04E-04	5.26E-07	1.86E-04	0.00029	1.06E-04	5.18E-07	2.07E-04	3.14E-04	1.01E-04	6.58E-07	3.98E-04	4.99E-04

3721	471863.09, 3851877.25	0.00658	0.0069	0.00674	1.01E-04	5.02E-07	1.81E-04	0.000282	1.03E-04	4.94E-07	2.01E-04	3.05E-04	9.80E-05	6.28E-07	3.86E-04	4.85E-04
3722	472363.09, 3851877.25	0.0074	0.00771	0.00756	1.14E-04	5.61E-07	2.03E-04	0.000317	1.16E-04	5.52E-07	2.26E-04	3.42E-04	1.10E-04	7.01E-07	4.33E-04	5.44E-04
3723	472863.09, 3851877.25	0.00815	0.00861	0.00828	1.25E-04	6.27E-07	2.22E-04	0.000348	1.28E-04	6.17E-07	2.47E-04	3.75E-04	1.21E-04	7.83E-07	4.74E-04	5.97E-04
3724	473363.09, 3851877.25	0.0077	0.00845	0.00779	1.18E-04	6.15E-07	2.09E-04	0.000328	1.21E-04	6.05E-07	2.32E-04	3.54E-04	1.15E-04	7.69E-07	4.46E-04	5.62E-04
3725	473863.09, 3851877.25	0.00795	0.00921	0.00802	1.22E-04	6.70E-07	2.15E-04	0.000338	1.25E-04	6.60E-07	2.39E-04	3.65E-04	1.18E-04	8.38E-07	4.59E-04	5.79E-04
3726	474363.09, 3851877.25	0.00933	0.01143	0.00936	1.43E-04	8.32E-07	2.51E-04	0.000395	1.46E-04	8.19E-07	2.79E-04	4.26E-04	1.39E-04	1.04E-06	5.36E-04	6.76E-04
3727	474863.09, 3851877.25	0.01071	0.01338	0.01075	1.64E-04	9.74E-07	2.88E-04	0.000454	1.68E-04	9.59E-07	3.21E-04	4.90E-04	1.60E-04	1.22E-06	6.16E-04	7.77E-04
3728	475363.09, 3851877.25	0.01167	0.01397	0.0117	1.79E-04	1.02E-06	3.14E-04	0.000494	1.83E-04	1.00E-06	3.49E-04	5.33E-04	1.74E-04	1.27E-06	6.70E-04	8.45E-04
3729	475863.09, 3851877.25	0.01265	0.01405	0.01261	1.94E-04	1.02E-06	3.38E-04	0.000533	1.98E-04	1.01E-06	3.76E-04	5.76E-04	1.88E-04	1.28E-06	7.22E-04	9.12E-04
3730	476363.09, 3851877.25	0.01305	0.01387	0.01304	2.00E-04	1.01E-06	3.50E-04	0.000551	2.05E-04	9.94E-07	3.89E-04	5.95E-04	1.94E-04	1.26E-06	7.47E-04	9.43E-04
3731	476863.09, 3851877.25	0.0148	0.01575	0.01472	2.27E-04	1.15E-06	3.95E-04	0.000623	2.32E-04	1.13E-06	4.39E-04	6.72E-04	2.20E-04	1.43E-06	8.43E-04	1.07E-03
3732	477363.09, 3851877.25	0.01665	0.01789	0.0165	2.55E-04	1.30E-06	4.43E-04	0.000699	2.61E-04	1.28E-06	4.92E-04	7.55E-04	2.48E-04	1.63E-06	9.45E-04	1.19E-03
3733	477863.09, 3851877.25	0.01818	0.02085	0.01805	2.79E-04	1.52E-06	4.84E-04	0.000765	2.85E-04	1.49E-06	5.38E-04	8.25E-04	2.71E-04	1.90E-06	1.03E-03	1.31E-03
3734	478363.09, 3851877.25	0.0188	0.02276	0.01873	2.88E-04	1.66E-06	5.02E-04	0.000792	2.95E-04	1.63E-06	5.59E-04	8.55E-04	2.80E-04	2.07E-06	1.07E-03	1.36E-03
3735	478863.09, 3851877.25	0.02019	0.02438	0.0199	3.10E-04	1.77E-06	5.34E-04	0.000845	3.17E-04	1.75E-06	5.94E-04	9.12E-04	3.01E-04	2.22E-06	1.14E-03	1.44E-03
3736	479363.09, 3851877.25	0.02169	0.02542	0.02052	3.33E-04	1.85E-06	5.50E-04	0.000885	3.40E-04	1.82E-06	6.12E-04	9.54E-04	3.23E-04	2.31E-06	1.18E-03	1.50E-03
3737	479863.09, 3851877.25	0.02309	0.02539	0.02143	3.54E-04	1.85E-06	5.75E-04	0.000931	3.62E-04	1.82E-06	6.39E-04	1.00E-03	3.44E-04	2.31E-06	1.23E-03	1.57E-03
3738	480363.09, 3851877.25	0.02768	0.03107	0.02587	4.25E-04	2.26E-06	6.94E-04	0.001121	4.34E-04	2.23E-06	7.72E-04	1.21E-03	4.12E-04	2.83E-06	1.48E-03	1.90E-03
3739	480863.09, 3851877.25	0.03283	0.03925	0.03132	5.04E-04	2.86E-06	8.40E-04	0.001347	5.15E-04	2.81E-06	9.34E-04	1.45E-03	4.89E-04	3.57E-06	1.79E-03	2.29E-03
3740	481363.09, 3851877.25	0.03333	0.03691	0.03073	5.11E-04	2.69E-06	8.24E-04	0.001338	5.23E-04	2.64E-06	9.17E-04	1.44E-03	4.97E-04	3.36E-06	1.76E-03	2.26E-03
3741	481863.09, 3851877.25	0.02923	0.03324	0.02707	4.49E-04	2.42E-06	7.26E-04	0.001177	4.58E-04	2.38E-06	8.08E-04	1.27E-03	4.35E-04	3.02E-06	1.55E-03	1.99E-03
3742	482363.09, 3851877.25	0.02065	0.02099	0.01922	3.17E-04	1.53E-06	5.15E-04	0.000834	3.24E-04	1.50E-06	5.73E-04	8.99E-04	3.08E-04	1.91E-06	1.10E-03	1.41E-03
3743	482863.09, 3851877.25	0.01352	0.01408	0.01264	2.07E-04	1.02E-06	3.39E-04	0.000548	2.12E-04	1.01E-06	3.77E-04	5.90E-04	2.01E-04	1.28E-06	7.24E-04	9.27E-04
3744	483363.09, 3851877.25	0.0138	0.01444	0.01249	2.12E-04	1.05E-06	3.35E-04	0.000548	2.16E-04	1.03E-06	3.73E-04	5.90E-04	2.06E-04	1.31E-06	7.15E-04	9.22E-04
3745	483863.09, 3851877.25	0.01199	0.01173	0.01088	1.84E-04	8.54E-07	2.92E-04	0.000477	1.88E-04	8.40E-07	3.25E-04	5.13E-04	1.79E-04	1.07E-06	6.23E-04	8.03E-04
3746	484363.09, 3851877.25	0.01289	0.01156	0.01173	1.98E-04	8.41E-07	3.15E-04	0.000513	2.02E-04	8.28E-07	3.50E-04	5.53E-04	1.92E-04	1.05E-06	6.72E-04	8.65E-04
3747	484863.09, 3851877.25	0.01144	0.01099	0.01054	1.76E-04	8.00E-07	2.83E-04	0.000459	1.79E-04	7.87E-07	3.14E-04	4.95E-04	1.70E-04	1.00E-06	6.04E-04	7.75E-04
3748	485363.09, 3851877.25	0.01183	0.01114	0.01093	1.82E-04	8.11E-07	2.93E-04	0.000475	1.85E-04	7.98E-07	3.26E-04	5.12E-04	1.76E-04	1.01E-06	6.26E-04	8.03E-04
3749	485863.09, 3851877.25	0.0122	0.013	0.01131	1.87E-04	9.46E-07	3.03E-04	0.000491	1.91E-04	9.31E-07	3.37E-04	5.30E-04	1.82E-04	1.18E-06	6.48E-04	8.31E-04
3750	486363.09, 3851877.25	0.01107	0.01273	0.01057	1.70E-04	9.27E-07	2.83E-04	0.000454	1.74E-04	9.12E-07	3.15E-04	4.90E-04	1.65E-04	1.16E-06	6.05E-04	7.72E-04
3751	486863.09, 3851877.25	0.01125	0.01348	0.01107	1.73E-04	9.81E-07	2.97E-04	0.000471	1.76E-04	9.66E-07	3.30E-04	5.08E-04	1.68E-04	1.23E-06	6.34E-04	8.03E-04
3752	487363.09, 3851877.25	0.0115	0.01375	0.01157	1.76E-04	1.00E-06	3.10E-04	0.000488	1.80E-04	9.85E-07	3.45E-04	5.26E-04	1.71E-04	1.25E-06	6.63E-04	8.35E-04
3753	487863.09, 3851877.25	0.01074	0.01377	0.01113	1.65E-04	1.00E-06	2.99E-04	0.000464	1.68E-04	9.87E-07	3.32E-04	5.01E-04	1.60E-04	1.25E-06	6.38E-04	7.99E-04
3754	488363.09, 3851877.25	0.01141	0.0163	0.01195	1.75E-04	1.19E-06	3.21E-04	0.000497	1.79E-04	1.17E-06	3.56E-04	5.37E-04	1.70E-04	1.48E-06	6.85E-04	8.56E-04
3755	488863.09, 3851877.25	0.01149	0.01756	0.01217	1.76E-04	1.28E-06	3.26E-04	0.000504	1.80E-04	1.26E-06	3.63E-04	5.44E-04	1.71E-04	1.60E-06	6.97E-04	8.70E-04
3756	489363.09, 3851877.25	0.01168	0.01837	0.01246	1.79E-04	1.34E-06	3.34E-04	0.000515	1.83E-04	1.32E-06	3.72E-04	5.56E-04	1.74E-04	1.67E-06	7.14E-04	8.89E-04
3757	489863.09, 3851877.25	0.0121	0.01935	0.01291	1.86E-04	1.41E-06	3.46E-04	0.000533	1.90E-04	1.39E-06	3.85E-04	5.76E-04	1.80E-04	1.76E-06	7.40E-04	9.22E-04
3758	490363.09, 3851877.25	0.01278	0.0205	0.01361	1.96E-04	1.49E-06	3.65E-04	0.000563	2.00E-04	1.47E-06	4.06E-04	6.08E-04	1.90E-04	1.86E-06	7.80E-04	9.72E-04
3759	490863.09, 3851877.25	0.01352	0.02173	0.01437	2.07E-04	1.58E-06	3.85E-04	0.000594	2.12E-04	1.56E-06	4.29E-04	6.42E-04	2.01E-04	1.98E-06	8.23E-04	1.03E-03
3760	491363.09, 3851877.25	0.0143	0.02277	0.01517	2.19E-04	1.66E-06	4.07E-04	0.000628	2.24E-04	1.63E-06	4.53E-04	6.78E-04	2.13E-04	2.07E-06	8.69E-04	1.08E-03
3761	491863.09, 3851877.25	0.01483	0.02295	0.01571	2.28E-04	1.67E-06	4.21E-04	0.000651	2.33E-04	1.64E-06	4.69E-04	7.03E-04	2.21E-04	2.09E-06	9.00E-04	1.12E-03
3762	492363.09, 3851877.25	0.01459	0.022	0.01546	2.24E-04	1.60E-06	4.15E-04	0.00064	2.29E-04	1.58E-06	4.61E-04	6.92E-04	2.17E-04	2.00E-06	8.86E-04	1.10E-03
3763	492863.09, 3851877.25	0.01295	0.01916	0.01378	1.99E-04	1.39E-06	3.70E-04	0.00057	2.03E-04	1.37E-06	4.11E-04	6.16E-04	1.93E-04	1.74E-06	7.89E-04	9.84E-04
3764	493363.09, 3851877.25	0.01528	0.02189	0.01616	2.34E-04	1.59E-06	4.33E-04	0.000669	2.40E-04	1.57E-06	4.82E-04	7.23E-04	2.28E-04	1.99E-06	9.26E-04	1.16E-03
3765	493863.09, 3851877.25	0.01785	0.02486	0.01876	2.74E-04	1.81E-06	5.03E-04	0.000779	2.80E-04	1.78E-06	5.60E-04	8.41E-04	2.66E-04	2.26E-06	1.07E-03	1.34E-03
3766	494363.09, 3851877.25	0.01743	0.02392	0.01831	2.67E-04	1.74E-06	4.91E-04	0.00076	2.73E-04	1.71E-06	5.46E-04	8.21E-04	2.60E-04	2.18E-06	1.05E-03	1.31E-03
3767	494863.09, 3851877.25	0.01909	0.02576	0.02002	2.93E-04	1.88E-06	5.37E-04	0.000832	2.99E-04	1.85E-06	5.97E-04	8.98E-04	2.84E-04	2.34E-06	1.15E-03	1.43E-03
3768	495363.09, 3851877.25	0.02015	0.02684	0.02113	3.09E-04	1.95E-06	5.67E-04	0.000878	3.16E-04	1.92E-06	6.30E-04	9.48E-04	3.00E-04	2.44E-06	1.21E-03	1.51E-03
3769	495863.09, 3851877.25	0.02075	0.02734	0.02178	3.18E-04	1.99E-06	5.84E-04	0.000905	3.25E-04	1.96E-06	6.50E-04	9.77E-04	3.09E-04	2.49E-06	1.25E-03	1.56E-03
3770	496363.09, 3851877.25	0.02048	0.02652	0.02152	3.14E-04	1.93E-06	5.77E-04	0.000893	3.21E-04	1.90E-06	6.42E-04	9.65E-04	3.05E-04	2.41E-06	1.23E-03	1.54E-03
3771	496863.09, 3851877.25	0.02004	0.02544	0.0211	3.08E-04	1.85E-06	5.66E-04	0.000875	3.14E-04	1.82E-06	6.29E-04	9.45E-04	2.99E-04	2.31E-06	1.21E-03	1.51E-03
3772	497363.09, 3851877.25	0.01948	0.02429	0.02051	2.99E-04	1.77E-06	5.50E-04	0.000851	3.05E-04	1.74E-06	6.12E-04	9.19E-04	2.90E-04	2.21E-06	1.17E-03	1.47E-03
3773	497863.09, 3851877.25	0.01827	0.0225	0.01926	2.80E-04	1.64E-06	5.17E-04	0.000799	2.86E-04	1.61E-06	5.75E-04	8.63E-04	2.72E-04	2.05E-06	1.10E-03	1.38E-03
3774	498363.09, 3851877.25	0.0172	0.02097	0.01815	2.64E-04	1.53E-06	4.87E-04	0.000752	2.70E-04	1.50E-06	5.41E-04	8.13E-04	2.56E-04	1.91E-06	1.04E-03	1.30E-03
3775	471363.09, 3852377.25	0.00622	0.00708	0.00637	9.54E-05	5.15E-07	1.71E-04	0.000267	9.75E-05	5.07E-07	1.90E-04	2.88E-04	9.27E-05	6.44E-07	3.65E-04	4.58E-04
3776	471863.09, 3852377.25	0.00711	0.00808	0.00727	1.09E-04	5.88E-07	1.95E-04	0.000305	1.11E-04	5.79E-07	2.17E-04	3.29E-04	1.06E-04	7.35E-07	4.16E-04	5.23E-04
3777	472363.09, 3852377.25	0.00775	0.00871	0.00795	1.19E-04	6.34E-07	2.13E-04	0.000333	1.22E-04	6.24E-07	2.37E-04	3.59E-04	1.15E-04	7.92E-07	4.55E-04	5.72E-04
3778	472863.09, 3852377.25	0.00827	0.00919	0.00846	1.27E-04	6.69E-07	2.27E-04	0.000354	1.30E-04	6.58E-07	2.52E-04	3.83E-04	1.23E-04	8.36E-07	4.85E-04	6.09E-04
3779	473363.09, 3852377.25	0.00856	0.00928	0.00874	1.31E-04	6.76E-07	2.34E-04	0.000366	1.34E-04	6.65E-07	2.61E-04	3.96E-04	1.28E-04	8.44E-07	5.01E-04	6.29E-04
3780	473863.09, 3852377.25	0.00869	0.00921	0.00886	1.33E-04	6.70E-07	2.38E-04	0.000372	1.36E-04	6.60E-07	2.64E-04	4.01E-04	1.29E-04	8.38E-07	5.08E-04	6.38E-04
3781	474363.09, 3852377.25	0.00897	0.00952	0.00912	1.38E-04	6.93E-07	2.45E-04	0.000383	1.41E-04	6.82E-07	2.72E-04	4.13E-04	1.34E-04	8.66E-07	5.22E-04	6.57E-04
3782	474863.09, 3852377.25	0.01154	0.01296	0.01166	1.77E-04	9.43E-07	3.13E-04	0.000491	1.81E-04	9.29E-07	3.48E-04	5.30E-04	1.72E-04	1.18E-06	6.68E-04	8.41E-04
3783	475363.09, 3852377.25	0.01203	0.01443	0.01211	1.85E-04	1.05E-06	3.25E-04	0.00051	1.89E-04	1.03E-06	3.61E-04	5.51E-04	1.79E-04	1.31E-06	6.94E-04	8.74E-04
3784	475863.09, 3852377.25	0.01236	0.01551	0.0124	1.90E-04	1.13E-06	3.33E-04	0.000523	1.94E-04	1.11E-06	3.70E-04	5.65E-04	1.84E-04	1.41E-06	7.10E-04	8.96E-04
3785	476363.09, 3852377.25	0.01237	0.01532	0.0124	1.90E-04	1.12E-06	3.33E-04	0.000524	1.94E-04	1.10E-06	3.70E-04	5.65E-04	1.84E-04	1.39E-06	7.10E-04	8.96E-04
3786	476863.09, 3852377.25	0.01342	0.01563	0.01346	2.06E-04	1.14E-06	3.61E-04	0.000568	2.10E-04	1.12E-06	4.02E-04	6.13E-04	2.00E-04	1.42E-06	7.71E-04	9.72E-04
3787	477363.09, 3852377.25	0.01418	0.0155	0.01428	2.18E-04	1.13E-06	3.83E-04	0.000602	2.22E-04	1.11E-06	4.26E-04	6.49E-04	2.11E-04	1.41E-06	8.18E-04	1.03E-03
3788	477863.09, 3852377.25	0.01284	0.01355	0.01298	1.97E-04	9.86E-07	3.48E-04	0.000546	2.01E-04	9.71E-07	3.87E-04	5.90E-04	1.91E-04	1.23E-06	7.44E-04	9.36E-04
3789	478363.09, 3852377.25	0.01222	0.01303	0.01229	1.88E-04	9.48E-07	3.30E-04	0.000518	1.92E-04	9.34E-07	3.67E-04	5.59E-04	1.82E-04	1.19E-06	7.04E-04	8.87E-04
3790	478863.09, 3852377.25	0.01654	0.01884	0.01638	2.54E-04	1.37E-06	4.39E-04	0.000695	2.59E-04	1.35E-06	4.89E-04	7.49E-04	2.46E-04	1.71E-06	9.38E-04	1.19E-03
3791	479363.09, 3852377.25	0.01972	0.02323	0.01939	3.03E-04	1.69E-06	5.20E-04	0.000824	3.09E-04	1.66E-06	5.78E-04	8.89E-04	2.94E-04	2.11E-06	1.11E-03	1.41E-03
3792	479863.09, 3852377.25	0.02494	0.03066	0.02458	3.83E-04	2.23E-06	6.59E-04	0.001044	3.91E-04	2.20E-06	7.33E-04	1.13E-03	3.72E-04	2.79E-06	1.41E-03	1.78E-03
3793	480363.09, 3852377.25	0.02922	0.03425	0.02734	4.48E-04	2.49E-06	7.33E-04	0.001184	4.58E-04	2.45E-06	8.16E-04	1.28E-03	4.35E-04	3.12E-06	1.57E-03	2.00E-03
3794	480863.09, 3852377.25	0.03497	0.04036	0.03268	5.37E-04	2.94E-06	8.76E-04	0.001416	5.48E-04	2.89E-06	9.75E-04	1.53E-03	5.21E-04	3.67E-06	1.87E-03	2.40E-03
3795	481363.09, 3852377.25	0.04162	0.05103	0.0398	6.39E-04	3.71E-06	1.07E-03	0.00171	6.53E-04	3.66E-06	1.19E-03	1.84E-03	6.20E-04	4.64E-06	2.28E-03	2.90E-03
3796	481863.09, 3852377.25	0.04239	0.04748	0.03872	6.50E-04	3.46E-06	1.04E-03	0.001692	6.65E-04	3.40E-06	1.16E-03	1.82E-03	6.31E-04	4.32E-06	2.22E-03	2.85E-03
3797	482363.09, 3852377.25	0.03729	0.0424	0.03358	5.72E-04	3.09E-06	9.01E-04	0.001476	5.85E-04	3.04E-06	1.00E-03	1.59E-03	5.56E-04	3.86E-06	1.92E-03	2.48E-03
3798	482863.09, 3852377.25	0.0303	0.03121	0.02815	4.65E-04	2.27E-06	7.55E-04	0.001222	4.75E-04	2.24E-06	8.40E-04	1.32E-03	4.51E-04	2.84E-06	1.61E-03	2.07E-03
3799	483363.09, 3852377.25	0.02048	0.02194	0.01846	3.14E-04	1.60E-06	4.95E-04	0.000811	3.21E-04	1.57E-06	5.51E-04	8.73E-04	3.05E-04	2.00E-06	1.06E-03	1.36E-03
3800	483863.09, 3852377.25	0.01605	0.01554	0.01446	2.46E-04	1.13E-06	3.88E-04	0.000635	2.52E-04	1.11E-06	4.31E-04	6.84E-04	2.39E-04	1.41E-06	8.28E-04	1.07E-03
3801	484363.09, 3852377.25	0.01772	0.01644	0.01611	2.72E-04	1.20E-06	4.32E-04	0.000705	2.78E-04	1.18E-06	4.81E-04	7.60E-04	2.64E-04	1.50E-06	9.23E-04	1.19E-03
3802	484863.09, 3852377.25	0.01893	0.01699	0.01716	2.90E-04	1.24E-06	4.60E-04	0.000752	2.97E-04	1.22E-06	5.12E-04	8.10E-04	2.82E-04	1.55E-06	9.83E-04	1.27E-03
3803	485363.09, 3852377.25	0.02017	0.01977	0.01833	3.10E-04	1.44E-06	4.92E-04	0.000803	3.16E-04	1.42E-06	5.47E-04	8.64E-04	3.00E-04	1.80E-06	1.05E-03	1.35E-03
3804	485863.09, 3852377.25	0.01844	0.02024	0.0174	2.83E-04	1.47E-06	4.67E-04	0.000751	2.89E-04	1.45E-06	5.19E-04	8.10E-04	2.75E-04	1.84E-06	9.97E-04	1.27E-03
3805	486363.09, 3852377.25	0.01591	0.01827	0.01571	2.44E-04	1.33E-06	4.21E-04	0.000667	2.49E-04	1.31E-06	4.69E-04	7.19E-04	2.37E-04	1.66E-06	9.00E-04	1.14E-03
3806	486863.09, 3852377.25	0.01576	0.01913	0.01608	2.42E-04	1.39E-06	4.31E-04	0.000675	2.47E-04	1.37E-06	4.80E-04	7.28E-04	2.35E-04	1.74E-06	9.21E-04	1.16E-03
3807	487363.09, 3852377.25	0.01535	0.02067	0.01601	2.36E-04	1.50E-06	4.29E-04	0.000666	2.41E-04	1.48E-06	4.78E-04	7.20E-04	2.29E-04	1.88E-06	9.17E-04	1.15E-03
3808	487863.09, 3852377.25	0.01516	0.02251	0.01606	2.33E-04	1.64E-06	4.31E-04	0.000665	2.38E-04	1.61E-06	4.79E-04	7.18E-04	2.26E-04	2.05E-06	9.20E-04	1.15E-03
3809	488363.09, 3852377.25	0.015	0.02428	0.01604	2.30E-04	1.77E-06	4.30E-04	0.000662	2.35E-04	1.74E-06	4.79E-04	7.15E-04	2.23E-04	2.21E-06	9.19E-04	1.14E-03
3810	488863.09, 3852377.25	0.01471	0.02456	0.01582	2.26E-04	1.79E-06	4.24E-04	0.000652	2.31E-04	1.76E-06	4.72E-04	7.04E-04	2.19E-04	2.23E-06	9.06E-04	1.13E-03
3811	489363.09, 3852377.25	0.01477	0.02498	0.01588	2.27E-04	1.82E-06	4.26E-04	0.000654	2.32E-04	1.79E-06	4.74E-04	7.07E-04	2.20E-04	2.27E-06	9.10E-04	1.13E-03
3812	489863.09, 3852377.25	0.01421	0.02405	0.01528	2.18E-04	1.75E-06	4.10E-04	0.00063	2.23E-04	1.72E-06	4.56E-04	6.80E-04	2.12E-04	2.19E-06	8.75E-04	1.09E-03
3813	490363.09, 3852377.25	0.01598	0.02641	0.01705	2.45E-04	1.92E-06	4.57E-04	0.000704	2.51E-04	1.89E-06	5.09E-04	7.61E-04	2.38E-04	2.40E-06	9.77E-04	1.22E-03
3814	490863.09, 3852377.25	0.01742	0.02816	0.01848	2.67E-04	2.05E-06	4.96E-04	0.000765	2.73E-04	2.02E-06	5.51E-04	8.26E-04	2.60E-04	2.56E-06	1.06E-03	1.32E-03
3815	491363.09, 3852377.25	0.0204	0.03182	0.02154	3.13E-04	2.32E-06	5.78E-04	0.000893	3.20E-04	2.28E-06	6.43E-04	9.65E-04	3.04E-04	2.89E-06	1.23E-03	1.54E-03
3816	491863.09, 3852377.25	0.02112	0.03195	0.02225	3.24E-04	2.33E-06	5.97E-04	0.000923	3.31E-04	2.29E-06	6.64E-04	9.97E-04	3.15E-04	2.91E-06	1.27E-03	1.59E-03
3817	492363.09, 3852377.25	0.02143	0.0317	0.02255	3.29E-04	2.31E-06	6.05E-04	0.000936	3.36E-04	2.27E-06	6.73E-04	1.01E-03	3.19E-04	2.88E-06	1.29E-03	1.61E-03
3818	492863.09, 3852377.25	0.02274	0.0327	0.02387	3.49E-04	2.38E-06	6.40E-04	0.000992	3.57E-04	2.34E-06	7.12E-04	1.07E-03	3.39E-04	2.97E-06	1.37E-03	1.71E-03

3819	493363.09, 3852377.25	0.025	0.03489	0.02614	3.84E-04	2.54E-06	7.01E-04	0.001087	3.92E-04	2.50E-06	7.80E-04	1.17E-03	3.72E-04	3.17E-06	1.50E-03	1.87E-03
3820	493863.09, 3852377.25	0.02479	0.03394	0.02591	3.80E-04	2.47E-06	6.95E-04	0.001078	3.89E-04	2.43E-06	7.73E-04	1.16E-03	3.69E-04	3.09E-06	1.48E-03	1.86E-03
3821	494363.09, 3852377.25	0.02463	0.03313	0.02577	3.78E-04	2.41E-06	6.91E-04	0.001072	3.86E-04	2.37E-06	7.69E-04	1.16E-03	3.67E-04	3.01E-06	1.48E-03	1.85E-03
3822	494863.09, 3852377.25	0.02578	0.03407	0.02697	3.96E-04	2.48E-06	7.23E-04	0.001121	4.04E-04	2.44E-06	8.05E-04	1.21E-03	3.84E-04	3.10E-06	1.54E-03	1.93E-03
3823	495363.09, 3852377.25	0.02692	0.03487	0.02819	4.13E-04	2.54E-06	7.56E-04	0.001172	4.22E-04	2.50E-06	8.41E-04	1.27E-03	4.01E-04	3.17E-06	1.61E-03	2.02E-03
3824	495863.09, 3852377.25	0.02594	0.03285	0.0272	3.98E-04	2.39E-06	7.30E-04	0.00113	4.07E-04	2.35E-06	8.11E-04	1.22E-03	3.86E-04	2.99E-06	1.56E-03	1.95E-03
3825	496363.09, 3852377.25	0.02488	0.03097	0.02612	3.82E-04	2.25E-06	7.01E-04	0.001085	3.90E-04	2.22E-06	7.79E-04	1.17E-03	3.71E-04	2.82E-06	1.50E-03	1.87E-03
3826	496863.09, 3852377.25	0.02416	0.02968	0.02537	3.71E-04	2.16E-06	6.80E-04	0.001053	3.79E-04	2.13E-06	7.57E-04	1.14E-03	3.60E-04	2.70E-06	1.45E-03	1.82E-03
3827	497363.09, 3852377.25	0.02209	0.02696	0.02321	3.39E-04	1.96E-06	6.23E-04	0.000963	3.46E-04	1.93E-06	6.92E-04	1.04E-03	3.29E-04	2.45E-06	1.33E-03	1.66E-03
3828	497863.09, 3852377.25	0.02011	0.02444	0.02115	3.09E-04	1.78E-06	5.67E-04	0.000878	3.15E-04	1.75E-06	6.31E-04	9.48E-04	3.00E-04	2.22E-06	1.21E-03	1.51E-03
3829	498363.09, 3852377.25	0.01834	0.02211	0.01929	2.81E-04	1.61E-06	5.17E-04	0.0008	2.88E-04	1.58E-06	5.75E-04	8.65E-04	2.73E-04	2.01E-06	1.11E-03	1.38E-03
3830	471363.09, 3852877.25	0.00649	0.00683	0.00668	9.96E-05	4.97E-07	1.79E-04	0.000279	1.02E-04	4.89E-07	1.99E-04	3.02E-04	9.67E-05	6.21E-07	3.83E-04	4.80E-04
3831	471863.09, 3852877.25	0.00724	0.00779	0.00741	1.11E-04	5.67E-07	1.99E-04	0.00031	1.14E-04	5.58E-07	2.21E-04	3.35E-04	1.08E-04	7.09E-07	4.24E-04	5.33E-04
3832	472363.09, 3852877.25	0.00804	0.00889	0.00824	1.23E-04	6.47E-07	2.21E-04	0.000345	1.26E-04	6.37E-07	2.46E-04	3.73E-04	1.20E-04	8.09E-07	4.72E-04	5.93E-04
3833	472863.09, 3852877.25	0.00874	0.00991	0.00891	1.34E-04	7.21E-07	2.39E-04	0.000374	1.37E-04	7.10E-07	2.66E-04	4.04E-04	1.30E-04	9.01E-07	5.10E-04	6.42E-04
3834	473363.09, 3852877.25	0.00949	0.01095	0.00964	1.46E-04	7.97E-07	2.59E-04	0.000405	1.49E-04	7.85E-07	2.88E-04	4.37E-04	1.41E-04	9.96E-07	5.52E-04	6.95E-04
3835	473863.09, 3852877.25	0.01041	0.01225	0.01059	1.60E-04	8.92E-07	2.84E-04	0.000445	1.63E-04	8.78E-07	3.16E-04	4.80E-04	1.55E-04	1.11E-06	6.07E-04	7.63E-04
3836	474363.09, 3852877.25	0.01135	0.01332	0.01152	1.74E-04	9.70E-07	3.09E-04	0.000484	1.78E-04	9.54E-07	3.44E-04	5.23E-04	1.69E-04	1.21E-06	6.60E-04	8.30E-04
3837	474863.09, 3852877.25	0.01065	0.01207	0.01082	1.63E-04	8.79E-07	2.90E-04	0.000455	1.67E-04	8.65E-07	3.23E-04	4.91E-04	1.59E-04	1.10E-06	6.20E-04	7.80E-04
3838	475363.09, 3852877.25	0.0118	0.01306	0.01195	1.81E-04	9.51E-07	3.21E-04	0.000503	1.85E-04	9.36E-07	3.56E-04	5.42E-04	1.76E-04	1.19E-06	6.85E-04	8.62E-04
3839	475863.09, 3852877.25	0.01228	0.01342	0.01243	1.88E-04	9.77E-07	3.33E-04	0.000523	1.93E-04	9.62E-07	3.71E-04	5.64E-04	1.83E-04	1.22E-06	7.12E-04	8.96E-04
3840	476363.09, 3852877.25	0.01174	0.01311	0.01187	1.80E-04	9.54E-07	3.18E-04	0.000499	1.84E-04	9.39E-07	3.54E-04	5.39E-04	1.75E-04	1.19E-06	6.80E-04	8.56E-04
3841	476863.09, 3852877.25	0.01051	0.01227	0.01061	1.61E-04	8.93E-07	2.85E-04	0.000447	1.65E-04	8.79E-07	3.17E-04	4.82E-04	1.57E-04	1.12E-06	6.08E-04	7.65E-04
3842	477363.09, 3852877.25	0.00976	0.01192	0.00987	1.50E-04	8.68E-07	2.65E-04	0.000415	1.53E-04	8.54E-07	2.94E-04	4.48E-04	1.45E-04	1.08E-06	5.65E-04	7.12E-04
3843	477863.09, 3852877.25	0.00895	0.01101	0.00916	1.37E-04	8.01E-07	2.46E-04	0.000384	1.40E-04	7.89E-07	2.73E-04	4.14E-04	1.33E-04	1.00E-06	5.25E-04	6.59E-04
3844	478363.09, 3852877.25	0.00737	0.00906	0.00772	1.13E-04	6.59E-07	2.07E-04	0.000321	1.16E-04	6.49E-07	2.30E-04	3.47E-04	1.10E-04	8.24E-07	4.42E-04	5.53E-04
3845	478863.09, 3852877.25	0.00875	0.01002	0.00913	1.34E-04	7.29E-07	2.45E-04	0.00038	1.37E-04	7.18E-07	2.72E-04	4.10E-04	1.30E-04	9.11E-07	5.23E-04	6.54E-04
3846	479363.09, 3852877.25	0.01238	0.01382	0.0126	1.90E-04	1.01E-06	3.38E-04	0.000529	1.94E-04	9.90E-07	3.76E-04	5.71E-04	1.84E-04	1.26E-06	7.22E-04	9.07E-04
3847	479863.09, 3852877.25	0.02384	0.028	0.02353	3.66E-04	2.04E-06	6.31E-04	0.000999	3.74E-04	2.01E-06	7.02E-04	1.08E-03	3.55E-04	2.55E-06	1.35E-03	1.71E-03
3848	480363.09, 3852877.25	0.03443	0.04421	0.03394	5.28E-04	3.22E-06	9.10E-04	0.001442	5.40E-04	3.17E-06	1.01E-03	1.56E-03	5.13E-04	4.02E-06	1.94E-03	2.46E-03
3849	480863.09, 3852877.25	0.03709	0.04593	0.0356	5.69E-04	3.34E-06	9.55E-04	0.001527	5.82E-04	3.29E-06	1.06E-03	1.65E-03	5.53E-04	4.18E-06	2.04E-03	2.60E-03
3850	481363.09, 3852877.25	0.04687	0.05515	0.04405	7.19E-04	4.01E-06	1.18E-03	0.001905	7.35E-04	3.95E-06	1.31E-03	2.05E-03	6.98E-04	5.02E-06	2.52E-03	3.23E-03
3851	481863.09, 3852877.25	0.05657	0.07044	0.05388	8.68E-04	5.13E-06	1.45E-03	0.002318	8.87E-04	5.05E-06	1.61E-03	2.50E-03	8.43E-04	6.41E-06	3.09E-03	3.94E-03
3852	482363.09, 3852877.25	0.05742	0.06503	0.05077	8.81E-04	4.73E-06	1.36E-03	0.002248	9.00E-04	4.66E-06	1.51E-03	2.42E-03	8.55E-04	5.92E-06	2.91E-03	3.77E-03
3853	482863.09, 3852877.25	0.05209	0.05489	0.04627	7.99E-04	4.00E-06	1.24E-03	0.002044	8.17E-04	3.93E-06	1.38E-03	2.20E-03	7.76E-04	4.99E-06	2.65E-03	3.43E-03
3854	483363.09, 3852877.25	0.03996	0.04531	0.03547	6.13E-04	3.30E-06	9.51E-04	0.001568	6.27E-04	3.25E-06	1.06E-03	1.69E-03	5.95E-04	4.12E-06	2.03E-03	2.63E-03
3855	483863.09, 3852877.25	0.02607	0.0236	0.0225	4.00E-04	1.72E-06	6.03E-04	0.001005	4.09E-04	1.69E-06	6.71E-04	1.08E-03	3.88E-04	2.15E-06	1.29E-03	1.68E-03
3856	484363.09, 3852877.25	0.03099	0.02665	0.02677	4.76E-04	1.94E-06	7.18E-04	0.001195	4.86E-04	1.91E-06	7.99E-04	1.29E-03	4.62E-04	2.42E-06	1.53E-03	2.00E-03
3857	484863.09, 3852877.25	0.033	0.02862	0.02953	5.06E-04	2.08E-06	7.92E-04	0.0013	5.17E-04	2.05E-06	8.81E-04	1.40E-03	4.92E-04	2.60E-06	1.69E-03	2.19E-03
3858	485363.09, 3852877.25	0.02402	0.02364	0.02288	3.69E-04	1.72E-06	6.14E-04	0.000984	3.77E-04	1.69E-06	6.83E-04	1.06E-03	3.58E-04	2.15E-06	1.31E-03	1.67E-03
3859	485863.09, 3852877.25	0.02234	0.02454	0.02248	3.43E-04	1.79E-06	6.03E-04	0.000948	3.50E-04	1.76E-06	6.71E-04	1.02E-03	3.33E-04	2.23E-06	1.29E-03	1.62E-03
3860	486363.09, 3852877.25	0.02082	0.02599	0.0219	3.19E-04	1.89E-06	5.87E-04	0.000909	3.26E-04	1.86E-06	6.53E-04	9.82E-04	3.10E-04	2.36E-06	1.25E-03	1.57E-03
3861	486863.09, 3852877.25	0.02133	0.03054	0.02282	3.27E-04	2.22E-06	6.12E-04	0.000942	3.34E-04	2.19E-06	6.81E-04	1.02E-03	3.18E-04	2.78E-06	1.31E-03	1.63E-03
3862	487363.09, 3852877.25	0.02087	0.03352	0.02254	3.20E-04	2.44E-06	6.05E-04	0.000927	3.27E-04	2.40E-06	6.72E-04	1.00E-03	3.11E-04	3.05E-06	1.29E-03	1.61E-03
3863	487863.09, 3852877.25	0.02078	0.03577	0.02247	3.19E-04	2.60E-06	6.03E-04	0.000924	3.26E-04	2.56E-06	6.70E-04	9.99E-04	3.10E-04	3.25E-06	1.29E-03	1.60E-03
3864	488363.09, 3852877.25	0.01698	0.03081	0.01858	2.61E-04	2.24E-06	4.98E-04	0.000761	2.66E-04	2.21E-06	5.54E-04	8.23E-04	2.53E-04	2.80E-06	1.06E-03	1.32E-03
3865	488863.09, 3852877.25	0.01886	0.03375	0.02041	2.89E-04	2.46E-06	5.47E-04	0.000839	2.96E-04	2.42E-06	6.09E-04	9.07E-04	2.81E-04	3.07E-06	1.17E-03	1.45E-03
3866	489363.09, 3852877.25	0.01982	0.03479	0.02132	3.04E-04	2.53E-06	5.72E-04	0.000878	3.11E-04	2.49E-06	6.36E-04	9.49E-04	2.95E-04	3.16E-06	1.22E-03	1.52E-03
3867	489863.09, 3852877.25	0.0206	0.03503	0.02203	3.16E-04	2.55E-06	5.91E-04	0.00091	3.23E-04	2.51E-06	6.57E-04	9.83E-04	3.07E-04	3.19E-06	1.26E-03	1.57E-03
3868	490363.09, 3852877.25	0.02562	0.04201	0.02703	3.93E-04	3.06E-06	7.25E-04	0.001121	4.02E-04	3.01E-06	8.06E-04	1.21E-03	3.82E-04	3.82E-06	1.55E-03	1.93E-03
3869	490863.09, 3852877.25	0.02801	0.0445	0.02941	4.30E-04	3.24E-06	7.89E-04	0.001222	4.39E-04	3.19E-06	8.77E-04	1.32E-03	4.17E-04	4.05E-06	1.68E-03	2.11E-03
3870	491363.09, 3852877.25	0.02991	0.0458	0.0313	4.59E-04	3.33E-06	8.39E-04	0.001302	4.69E-04	3.28E-06	9.34E-04	1.41E-03	4.46E-04	4.17E-06	1.79E-03	2.24E-03
3871	491863.09, 3852877.25	0.03052	0.04519	0.03189	4.68E-04	3.29E-06	8.55E-04	0.001327	4.79E-04	3.24E-06	9.51E-04	1.43E-03	4.55E-04	4.11E-06	1.83E-03	2.29E-03
3872	492363.09, 3852877.25	0.03137	0.04481	0.03273	4.81E-04	3.26E-06	8.78E-04	0.001362	4.92E-04	3.21E-06	9.76E-04	1.47E-03	4.67E-04	4.08E-06	1.87E-03	2.35E-03
3873	492863.09, 3852877.25	0.03341	0.04616	0.03478	5.13E-04	3.36E-06	9.33E-04	0.001449	5.24E-04	3.31E-06	1.04E-03	1.56E-03	4.98E-04	4.20E-06	1.99E-03	2.49E-03
3874	493363.09, 3852877.25	0.03469	0.04675	0.03612	5.32E-04	3.40E-06	9.69E-04	0.001504	5.44E-04	3.35E-06	1.08E-03	1.62E-03	5.17E-04	4.25E-06	2.07E-03	2.59E-03
3875	493863.09, 3852877.25	0.03427	0.04531	0.03568	5.26E-04	3.30E-06	9.57E-04	0.001486	5.37E-04	3.25E-06	1.06E-03	1.60E-03	5.11E-04	4.12E-06	2.04E-03	2.56E-03
3876	494363.09, 3852877.25	0.03392	0.04411	0.03537	5.21E-04	3.21E-06	9.49E-04	0.001472	5.32E-04	3.16E-06	1.06E-03	1.59E-03	5.05E-04	4.01E-06	2.03E-03	2.54E-03
3877	494863.09, 3852877.25	0.03412	0.04342	0.03563	5.24E-04	3.16E-06	9.56E-04	0.001482	5.35E-04	3.11E-06	1.06E-03	1.60E-03	5.08E-04	3.95E-06	2.04E-03	2.55E-03
3878	495363.09, 3852877.25	0.03235	0.04041	0.03381	4.96E-04	2.94E-06	9.07E-04	0.001406	5.07E-04	2.90E-06	1.01E-03	1.52E-03	4.82E-04	3.68E-06	1.94E-03	2.42E-03
3879	495863.09, 3852877.25	0.03062	0.03776	0.03203	4.70E-04	2.75E-06	8.59E-04	0.001332	4.80E-04	2.71E-06	9.56E-04	1.44E-03	4.56E-04	3.43E-06	1.83E-03	2.29E-03
3880	496363.09, 3852877.25	0.03	0.03663	0.03141	4.60E-04	2.67E-06	8.42E-04	0.001305	4.70E-04	2.62E-06	9.37E-04	1.41E-03	4.47E-04	3.33E-06	1.80E-03	2.25E-03
3881	496863.09, 3852877.25	0.02865	0.03465	0.03002	4.40E-04	2.52E-06	8.05E-04	0.001247	4.49E-04	2.48E-06	8.96E-04	1.35E-03	4.27E-04	3.15E-06	1.72E-03	2.15E-03
3882	497363.09, 3852877.25	0.02488	0.02971	0.02605	3.82E-04	2.16E-06	6.99E-04	0.001083	3.90E-04	2.13E-06	7.77E-04	1.17E-03	3.71E-04	2.70E-06	1.49E-03	1.87E-03
3883	497863.09, 3852877.25	0.01951	0.02295	0.02047	2.99E-04	1.67E-06	5.49E-04	0.00085	3.06E-04	1.64E-06	6.11E-04	9.18E-04	2.91E-04	2.09E-06	1.17E-03	1.47E-03
3884	498363.09, 3852877.25	0.01842	0.02134	0.01934	2.83E-04	1.55E-06	5.19E-04	0.000803	2.89E-04	1.53E-06	5.77E-04	8.67E-04	2.74E-04	1.94E-06	1.11E-03	1.38E-03
3885	471363.09, 3853377.25	0.00671	0.00683	0.00688	1.03E-04	4.97E-07	1.85E-04	0.000288	1.05E-04	4.89E-07	2.05E-04	3.11E-04	1.00E-04	6.21E-07	3.94E-04	4.95E-04
3886	471863.09, 3853377.25	0.00735	0.00748	0.00752	1.13E-04	5.44E-07	2.02E-04	0.000315	1.15E-04	5.36E-07	2.24E-04	3.40E-04	1.09E-04	6.80E-07	4.31E-04	5.41E-04
3887	472363.09, 3853377.25	0.00803	0.0082	0.00824	1.23E-04	5.97E-07	2.21E-04	0.000345	1.26E-04	5.88E-07	2.46E-04	3.72E-04	1.20E-04	7.46E-07	4.72E-04	5.92E-04
3888	472863.09, 3853377.25	0.00878	0.00905	0.00897	1.35E-04	6.59E-07	2.41E-04	0.000376	1.38E-04	6.48E-07	2.68E-04	4.06E-04	1.31E-04	8.23E-07	5.14E-04	6.45E-04
3889	473363.09, 3853377.25	0.0094	0.00985	0.00958	1.44E-04	7.17E-07	2.57E-04	0.000402	1.47E-04	7.06E-07	2.86E-04	4.34E-04	1.40E-04	8.96E-07	5.49E-04	6.90E-04
3890	473863.09, 3853377.25	0.01013	0.01083	0.01028	1.55E-04	7.88E-07	2.76E-04	0.000432	1.59E-04	7.76E-07	3.07E-04	4.66E-04	1.51E-04	9.85E-07	5.89E-04	7.41E-04
3891	474363.09, 3853377.25	0.01082	0.01181	0.01101	1.66E-04	8.60E-07	2.95E-04	0.000462	1.70E-04	8.46E-07	3.28E-04	4.99E-04	1.61E-04	1.07E-06	6.31E-04	7.93E-04
3892	474863.09, 3853377.25	0.01079	0.01198	0.0109	1.66E-04	8.72E-07	2.92E-04	0.000459	1.69E-04	8.58E-07	3.25E-04	4.95E-04	1.61E-04	1.09E-06	6.24E-04	7.86E-04
3893	475363.09, 3853377.25	0.01096	0.01238	0.01106	1.68E-04	9.01E-07	2.97E-04	0.000466	1.72E-04	8.87E-07	3.30E-04	5.03E-04	1.63E-04	1.13E-06	6.34E-04	7.98E-04
3894	475863.09, 3853377.25	0.01101	0.01256	0.0111	1.69E-04	9.14E-07	2.98E-04	0.000468	1.73E-04	9.00E-07	3.31E-04	5.05E-04	1.64E-04	1.14E-06	6.36E-04	8.01E-04
3895	476363.09, 3853377.25	0.01021	0.01153	0.0103	1.57E-04	8.39E-07	2.76E-04	0.000434	1.60E-04	8.26E-07	3.07E-04	4.68E-04	1.52E-04	1.05E-06	5.90E-04	7.43E-04
3896	476863.09, 3853377.25	0.00872	0.00976	0.0089	1.34E-04	7.10E-07	2.39E-04	0.000373	1.37E-04	6.99E-07	2.66E-04	4.03E-04	1.30E-04	8.88E-07	5.10E-04	6.41E-04
3897	477363.09, 3853377.25	0.00864	0.00974	0.00886	1.33E-04	7.09E-07	2.38E-04	0.000371	1.35E-04	6.98E-07	2.64E-04	4.00E-04	1.29E-04	8.86E-07	5.08E-04	6.37E-04
3898	477863.09, 3853377.25	0.00903	0.01045	0.00928	1.39E-04	7.61E-07	2.49E-04	0.000388	1.42E-04	7.49E-07	2.77E-04	4.19E-04	1.35E-04	9.51E-07	5.32E-04	6.67E-04
3899	478363.09, 3853377.25	0.00811	0.00994	0.00846	1.24E-04	7.24E-07	2.27E-04	0.000352	1.27E-04	7.12E-07	2.52E-04	3.80E-04	1.21E-04	9.04E-07	4.85E-04	6.06E-04
3900	478863.09, 3853377.25	0.0067	0.00873	0.00716	1.03E-04	6.35E-07	1.92E-04	0.000295	1.05E-04	6.26E-07	2.14E-04	3.19E-04	9.98E-05	7.94E-07	4.10E-04	5.11E-04
3901	479363.09, 3853377.25	0.01076	0.01384	0.01116	1.65E-04	1.01E-06	2.99E-04	0.000465	1.69E-04	9.92E-07	3.33E-04	5.03E-04	1.60E-04	1.26E-06	6.39E-04	8.01E-04
3902	479863.09, 3853377.25	0.01658	0.01924	0.01692	2.54E-04	1.40E-06	4.54E-04	0.00071	2.60E-04	1.38E-06	5.05E-04	7.66E-04	2.47E-04	1.75E-06	9.69E-04	1.22E-03
3903	480363.09, 3853377.25	0.03194	0.03625	0.0322	4.90E-04	2.64E-06	8.64E-04	0.001356	5.01E-04	2.60E-06	9.61E-04	1.46E-03	4.76E-04	3.30E-06	1.84E-03	2.32E-03
3904	480863.09, 3853377.25	0.03332	0.04014	0.0328	5.11E-04	2.92E-06	8.80E-04	0.001394	5.22E-04	2.88E-06	9.79E-04	1.50E-03	4.96E-04	3.65E-06	1.88E-03	2.38E-03
3905	481363.09, 3853377.25	0.04943	0.06394	0.04895	7.59E-04	4.65E-06	1.31E-03	0.002076	7.75E-04	4.58E-06	1.46E-03	2.24E-03	7.36E-04	5.82E-06	2.80E-03	3.55E-03
3906	481863.09, 3853377.25	0.07144	0.08328	0.06747	1.10E-03	6.06E-06	1.81E-03	0.002912	1.12E-03	5.97E-06	2.01E-03	3.14E-03	1.06E-03	7.58E-06	3.87E-03	4.94E-03
3907	482363.09, 3853377.25	0.09518	0.10693	0.08407	1.46E-03	7.78E-06	2.25E-03	0.003723	1.49E-03	7.66E-06	2.51E-03	4.01E-03	1.42E-03	9.73E-06	4.82E-03	6.24E-03
3908	482863.09, 3853377.25	0.11578	0.09505	0.07831	1.78E-03	6.92E-06	2.10E-03	0.003884	1.82E-03	6.81E-06	2.34E-03	4.16E-03	1.72E-03	8.65E-06	4.49E-03	6.22E-03
3909	483363.09, 3853377.25	0.10014	0.07706	0.06369	1.54E-03	5.61E-06	1.71E-03	0.00325	1.57E-03	5.52E-06	1.90E-03	3.48E-03	1.49E-03	7.01E-06	3.65E-03	5.15E-03
3910	483863.09, 3853377.25	0.07593	0.05476	0.05678	1.17E-03	3.99E-06	1.52E-03	0.002692	1.19E-03	3.92E-06	1.69E-03	2.89E-03	1.13E-03	4.98E-06	3.25E-03	4.39E-03
3911	484363.09, 3853377.25	0.06824	0.05074	0.05965	1.05E-03	3.69E-06	1.60E-03	0.002651	1.07E-03	3.64E-06	1.78E-03	2.85E-03	1.02E-03	4.62E-06	3.42E-03	4.44E-03
3912	484863.09, 3853377.25	0.0498	0.04143	0.04851	7.64E-04	3.02E-06	1.30E-03	0.002068	7.81E-04	2.97E-06	1.45E-03	2.23E-03	7.42E-04	3.77E-06	2.78E-03	3.52E-03
3913	485363.09, 3853377.25	0.03383	0.03528	0.03622	5.19E-04	2.57E-06	9.71E-04	0.001493	5.30E-04	2.53E-06	1.08E-03	1.61E-03	5.04E-04	3.21E-06	2.07E-03	2.58E-03
3914	485863.09, 3853377.25	0.02774	0.03704	0.03109	4.26E-04	2.70E-06	8.34E-04	0.001262	4.35E-04	2.65E-06	9.27E-04	1.37E-03	4.13E-04	3.37E-06	1.78E-03	2.20E-03
3915	486363.09, 3853377.25	0.03006	0.04794	0.03359	4.61E-04	3.49E-06	9.01E-04	0.001366	4.71E-04	3.44E-06	1.00E-03	1.48E-03	4.48E-04	4.36E-06	1.92E-03	2.38E-03
3916	486863.09, 3853377.25	0.03166	0.05656	0.03501	4.86E-04	4.12E-06	9.39E-04	0.001429	4.96E-04	4.05E-06	1.04E-03	1.54E-03	4.72E-04	5.14E-06	2.01E-03	2.48E-03

3917	487363.09, 3853377.25	0.03455	0.0638	0.03759	5.30E-04	4.64E-06	1.01E-03	0.001543	5.42E-04	4.57E-06	1.12E-03	1.67E-03	5.15E-04	5.80E-06	2.15E-03	2.67E-03
3918	487863.09, 3853377.25	0.03649	0.06807	0.03919	5.60E-04	4.95E-06	1.05E-03	0.001616	5.72E-04	4.88E-06	1.17E-03	1.75E-03	5.44E-04	6.19E-06	2.24E-03	2.79E-03
3919	488363.09, 3853377.25	0.03898	0.07132	0.04137	5.98E-04	5.19E-06	1.11E-03	0.001713	6.11E-04	5.11E-06	1.23E-03	1.85E-03	5.81E-04	6.49E-06	2.37E-03	2.96E-03
3920	488863.09, 3853377.25	0.03944	0.07002	0.04153	6.05E-04	5.10E-06	1.11E-03	0.001724	6.18E-04	5.02E-06	1.24E-03	1.86E-03	5.88E-04	6.37E-06	2.38E-03	2.97E-03
3921	489363.09, 3853377.25	0.03967	0.06813	0.04158	6.09E-04	4.96E-06	1.12E-03	0.001729	6.22E-04	4.88E-06	1.24E-03	1.87E-03	5.91E-04	6.20E-06	2.38E-03	2.98E-03
3922	489863.09, 3853377.25	0.03876	0.0645	0.04047	5.95E-04	4.70E-06	1.09E-03	0.001685	6.08E-04	4.62E-06	1.21E-03	1.82E-03	5.77E-04	5.87E-06	2.32E-03	2.90E-03
3923	490363.09, 3853377.25	0.04104	0.06553	0.04273	6.30E-04	4.77E-06	1.15E-03	0.001781	6.43E-04	4.70E-06	1.27E-03	1.92E-03	6.11E-04	5.96E-06	2.45E-03	3.07E-03
3924	490863.09, 3853377.25	0.04215	0.06444	0.0438	6.47E-04	4.69E-06	1.17E-03	0.001826	6.61E-04	4.62E-06	1.31E-03	1.97E-03	6.28E-04	5.86E-06	2.51E-03	3.14E-03
3925	491363.09, 3853377.25	0.0432	0.06329	0.04485	6.63E-04	4.61E-06	1.20E-03	0.00187	6.77E-04	4.53E-06	1.34E-03	2.02E-03	6.44E-04	5.76E-06	2.57E-03	3.22E-03
3926	491863.09, 3853377.25	0.04396	0.06178	0.04563	6.75E-04	4.50E-06	1.22E-03	0.001903	6.89E-04	4.43E-06	1.36E-03	2.05E-03	6.55E-04	5.62E-06	2.61E-03	3.27E-03
3927	492363.09, 3853377.25	0.04567	0.06207	0.04739	7.01E-04	4.52E-06	1.27E-03	0.001976	7.16E-04	4.45E-06	1.41E-03	2.13E-03	6.80E-04	5.65E-06	2.71E-03	3.40E-03
3928	492863.09, 3853377.25	0.04708	0.06253	0.04889	7.22E-04	4.55E-06	1.31E-03	0.002038	7.38E-04	4.48E-06	1.46E-03	2.20E-03	7.01E-04	5.69E-06	2.80E-03	3.51E-03
3929	493363.09, 3853377.25	0.04682	0.06111	0.0487	7.18E-04	4.45E-06	1.31E-03	0.002029	7.34E-04	4.38E-06	1.45E-03	2.19E-03	6.97E-04	5.56E-06	2.79E-03	3.49E-03
3930	493863.09, 3853377.25	0.04594	0.0586	0.04788	7.05E-04	4.27E-06	1.28E-03	0.001993	7.20E-04	4.20E-06	1.43E-03	2.15E-03	6.84E-04	5.33E-06	2.74E-03	3.43E-03
3931	494363.09, 3853377.25	0.04374	0.05442	0.04572	6.71E-04	3.96E-06	1.23E-03	0.001901	6.86E-04	3.90E-06	1.36E-03	2.05E-03	6.52E-04	4.95E-06	2.62E-03	3.28E-03
3932	494863.09, 3853377.25	0.04108	0.05018	0.04288	6.30E-04	3.65E-06	1.15E-03	0.001784	6.44E-04	3.60E-06	1.28E-03	1.93E-03	6.12E-04	4.56E-06	2.46E-03	3.07E-03
3933	495363.09, 3853377.25	0.03963	0.04775	0.04143	6.08E-04	3.48E-06	1.11E-03	0.001723	6.21E-04	3.42E-06	1.24E-03	1.86E-03	5.90E-04	4.34E-06	2.37E-03	2.97E-03
3934	495863.09, 3853377.25	0.03746	0.04451	0.03917	5.75E-04	3.24E-06	1.05E-03	0.001629	5.87E-04	3.19E-06	1.17E-03	1.76E-03	5.58E-04	4.05E-06	2.24E-03	2.81E-03
3935	496363.09, 3853377.25	0.03458	0.04049	0.03618	5.31E-04	2.95E-06	9.70E-04	0.001504	5.42E-04	2.90E-06	1.08E-03	1.62E-03	5.15E-04	3.68E-06	2.07E-03	2.59E-03
3936	496863.09, 3853377.25	0.03057	0.03531	0.03199	4.69E-04	2.57E-06	8.58E-04	0.00133	4.79E-04	2.53E-06	9.54E-04	1.44E-03	4.55E-04	3.21E-06	1.83E-03	2.29E-03
3937	497363.09, 3853377.25	0.02594	0.02952	0.02715	3.98E-04	2.15E-06	7.28E-04	0.001128	4.07E-04	2.12E-06	8.10E-04	1.22E-03	3.86E-04	2.69E-06	1.56E-03	1.94E-03
3938	497863.09, 3853377.25	0.01834	0.0205	0.01924	2.81E-04	1.49E-06	5.16E-04	0.000799	2.88E-04	1.47E-06	5.74E-04	8.63E-04	2.73E-04	1.86E-06	1.10E-03	1.38E-03
3939	498363.09, 3853377.25	0.01484	0.01637	0.01559	2.28E-04	1.19E-06	4.18E-04	0.000647	2.33E-04	1.17E-06	4.65E-04	6.99E-04	2.21E-04	1.49E-06	8.93E-04	1.12E-03
3940	471363.09, 3853877.25	0.00695	0.00708	0.00715	1.07E-04	5.15E-07	1.92E-04	0.000299	1.09E-04	5.07E-07	2.13E-04	3.23E-04	1.04E-04	6.44E-07	4.10E-04	5.14E-04
3941	471863.09, 3853877.25	0.00766	0.00778	0.00785	1.18E-04	5.66E-07	2.11E-04	0.000329	1.20E-04	5.57E-07	2.34E-04	3.55E-04	1.14E-04	7.08E-07	4.50E-04	5.65E-04
3942	472363.09, 3853877.25	0.0081	0.00818	0.00833	1.24E-04	5.95E-07	2.23E-04	0.000348	1.27E-04	5.86E-07	2.49E-04	3.76E-04	1.21E-04	7.44E-07	4.77E-04	5.99E-04
3943	472863.09, 3853877.25	0.00872	0.00879	0.00896	1.34E-04	6.40E-07	2.40E-04	0.000375	1.37E-04	6.30E-07	2.67E-04	4.05E-04	1.30E-04	8.00E-07	5.13E-04	6.44E-04
3944	473363.09, 3853877.25	0.00916	0.0092	0.0094	1.41E-04	6.70E-07	2.52E-04	0.000393	1.44E-04	6.59E-07	2.80E-04	4.25E-04	1.36E-04	8.37E-07	5.38E-04	6.76E-04
3945	473863.09, 3853877.25	0.00967	0.00972	0.00992	1.48E-04	7.08E-07	2.66E-04	0.000415	1.52E-04	6.96E-07	2.96E-04	4.48E-04	1.44E-04	8.84E-07	5.68E-04	7.13E-04
3946	474363.09, 3853877.25	0.01042	0.01056	0.01066	1.60E-04	7.69E-07	2.86E-04	0.000447	1.63E-04	7.57E-07	3.18E-04	4.82E-04	1.55E-04	9.61E-07	6.11E-04	7.67E-04
3947	474863.09, 3853877.25	0.01106	0.0114	0.01128	1.70E-04	8.30E-07	3.03E-04	0.000473	1.73E-04	8.17E-07	3.37E-04	5.11E-04	1.65E-04	1.04E-06	6.46E-04	8.12E-04
3948	475363.09, 3853877.25	0.01082	0.01136	0.01103	1.66E-04	8.27E-07	2.96E-04	0.000463	1.70E-04	8.14E-07	3.29E-04	5.00E-04	1.61E-04	1.03E-06	6.32E-04	7.94E-04
3949	475863.09, 3853877.25	0.00943	0.01011	0.00963	1.45E-04	7.36E-07	2.58E-04	0.000404	1.48E-04	7.24E-07	2.87E-04	4.36E-04	1.40E-04	9.20E-07	5.52E-04	6.93E-04
3950	476363.09, 3853877.25	0.00817	0.00902	0.0084	1.25E-04	6.57E-07	2.25E-04	0.000351	1.28E-04	6.46E-07	2.51E-04	3.79E-04	1.22E-04	8.20E-07	4.81E-04	6.04E-04
3951	476863.09, 3853877.25	0.00673	0.00774	0.00702	1.03E-04	5.63E-07	1.88E-04	0.000292	1.06E-04	5.55E-07	2.09E-04	3.15E-04	1.00E-04	7.04E-07	4.02E-04	5.03E-04
3952	477363.09, 3853877.25	0.00734	0.0086	0.00766	1.13E-04	6.26E-07	2.05E-04	0.000319	1.15E-04	6.16E-07	2.29E-04	3.44E-04	1.09E-04	7.82E-07	4.39E-04	5.49E-04
3953	477863.09, 3853877.25	0.00844	0.00993	0.00876	1.30E-04	7.23E-07	2.35E-04	0.000365	1.32E-04	7.12E-07	2.61E-04	3.94E-04	1.26E-04	9.03E-07	5.02E-04	6.28E-04
3954	478363.09, 3853877.25	0.00902	0.01071	0.00937	1.38E-04	7.80E-07	2.51E-04	0.000391	1.41E-04	7.67E-07	2.80E-04	4.22E-04	1.34E-04	9.74E-07	5.37E-04	6.72E-04
3955	478863.09, 3853877.25	0.00693	0.0086	0.00742	1.06E-04	6.26E-07	1.99E-04	0.000306	1.09E-04	6.16E-07	2.21E-04	3.31E-04	1.03E-04	7.82E-07	4.25E-04	5.29E-04
3956	479363.09, 3853877.25	0.00936	0.01162	0.00985	1.44E-04	8.46E-07	2.64E-04	0.000409	1.47E-04	8.33E-07	2.94E-04	4.41E-04	1.39E-04	1.06E-06	5.64E-04	7.05E-04
3957	479863.09, 3853877.25	0.017	0.02117	0.01729	2.61E-04	1.54E-06	4.64E-04	0.000726	2.67E-04	1.52E-06	5.16E-04	7.84E-04	2.53E-04	1.93E-06	9.90E-04	1.25E-03
3958	480363.09, 3853877.25	0.02587	0.0332	0.02606	3.97E-04	2.42E-06	6.99E-04	0.001098	4.06E-04	2.38E-06	7.77E-04	1.19E-03	3.85E-04	3.02E-06	1.49E-03	1.88E-03
3959	480863.09, 3853877.25	0.04653	0.05905	0.04739	7.14E-04	4.30E-06	1.27E-03	0.001989	7.30E-04	4.23E-06	1.41E-03	2.15E-03	6.93E-04	5.37E-06	2.71E-03	3.41E-03
3960	481363.09, 3853877.25	0.06593	0.08154	0.06834	1.01E-03	5.94E-06	1.83E-03	0.002851	1.03E-03	5.84E-06	2.04E-03	3.08E-03	9.82E-04	7.42E-06	3.91E-03	4.90E-03
3961	481863.09, 3853877.25	0.09468	0.123	0.09831	1.45E-03	8.95E-06	2.64E-03	0.004099	1.48E-03	8.81E-06	2.93E-03	4.43E-03	1.41E-03	1.12E-05	5.63E-03	7.05E-03
3962	482363.09, 3853877.25	0.14081	0.15111	0.1466	2.16E-03	1.10E-05	3.93E-03	0.006104	2.21E-03	1.08E-05	4.37E-03	6.59E-03	2.10E-03	1.37E-05	8.40E-03	1.05E-02
3963	482863.09, 3853877.25	0.39051	0.19503	0.85052	5.99E-03	1.42E-05	2.28E-02	0.028818	6.12E-03	1.40E-05	2.54E-02	3.15E-02	5.82E-03	1.77E-05	4.87E-02	5.46E-02
3964	483363.09, 3853877.25	0.24725	0.14755	0.27173	3.79E-03	1.07E-05	7.29E-03	0.011093	3.88E-03	1.06E-05	8.11E-03	1.20E-02	3.68E-03	1.34E-05	1.56E-02	1.93E-02
3965	483863.09, 3853877.25	0.16752	0.11722	0.19546	2.57E-03	8.53E-06	5.24E-03	0.007821	2.63E-03	8.40E-06	5.83E-03	8.47E-03	2.50E-03	1.07E-05	1.12E-02	1.37E-02
3966	484363.09, 3853877.25	0.11109	0.08609	0.1318	1.70E-03	6.27E-06	3.53E-03	0.005246	1.74E-03	6.17E-06	3.93E-03	5.68E-03	1.65E-03	7.83E-06	7.55E-03	9.21E-03
3967	484863.09, 3853877.25	0.07568	0.08475	0.09156	1.16E-03	6.17E-06	2.46E-03	0.003623	1.19E-03	6.07E-06	2.73E-03	3.92E-03	1.13E-03	7.71E-06	5.24E-03	6.38E-03
3968	485363.09, 3853877.25	0.05305	0.08344	0.06421	8.14E-04	6.07E-06	1.72E-03	0.002542	8.32E-04	5.98E-06	1.92E-03	2.75E-03	7.90E-04	7.59E-06	3.68E-03	4.48E-03
3969	485863.09, 3853877.25	0.05911	0.11076	0.06785	9.07E-04	8.06E-06	1.82E-03	0.002735	9.27E-04	7.94E-06	2.02E-03	2.96E-03	8.81E-04	1.01E-05	3.89E-03	4.78E-03
3970	486363.09, 3853877.25	0.05883	0.12077	0.06556	9.03E-04	8.79E-06	1.76E-03	0.00267	9.22E-04	8.65E-06	1.96E-03	2.89E-03	8.76E-04	1.10E-05	3.76E-03	4.64E-03
3971	486863.09, 3853877.25	0.05678	0.11888	0.0619	8.71E-04	8.65E-06	1.66E-03	0.00254	8.90E-04	8.52E-06	1.85E-03	2.75E-03	8.46E-04	1.08E-05	3.55E-03	4.40E-03
3972	487363.09, 3853877.25	0.05925	0.1202	0.0632	9.09E-04	8.75E-06	1.70E-03	0.002613	9.29E-04	8.61E-06	1.89E-03	2.82E-03	8.83E-04	1.09E-05	3.62E-03	4.51E-03
3973	487863.09, 3853877.25	0.06543	0.12647	0.06846	1.00E-03	9.21E-06	1.84E-03	0.002849	1.03E-03	9.06E-06	2.04E-03	3.08E-03	9.75E-04	1.15E-05	3.92E-03	4.91E-03
3974	488363.09, 3853877.25	0.06703	0.12288	0.06953	1.03E-03	8.94E-06	1.86E-03	0.002902	1.05E-03	8.80E-06	2.07E-03	3.13E-03	9.99E-04	1.12E-05	3.98E-03	4.99E-03
3975	488863.09, 3853877.25	0.07031	0.12166	0.07253	1.08E-03	8.86E-06	1.95E-03	0.003033	1.10E-03	8.72E-06	2.16E-03	3.27E-03	1.05E-03	1.11E-05	4.15E-03	5.21E-03
3976	489363.09, 3853877.25	0.06593	0.10879	0.06793	1.01E-03	7.92E-06	1.82E-03	0.002842	1.03E-03	7.80E-06	2.03E-03	3.07E-03	9.82E-04	9.90E-06	3.89E-03	4.88E-03
3977	489863.09, 3853877.25	0.06614	0.10387	0.06809	1.01E-03	7.56E-06	1.83E-03	0.002849	1.04E-03	7.44E-06	2.03E-03	3.08E-03	9.85E-04	9.45E-06	3.90E-03	4.90E-03
3978	490363.09, 3853877.25	0.0641	0.09561	0.06605	9.84E-04	6.96E-06	1.77E-03	0.002762	1.01E-03	6.85E-06	1.97E-03	2.98E-03	9.55E-04	8.70E-06	3.78E-03	4.75E-03
3979	490863.09, 3853877.25	0.06347	0.09023	0.06546	9.74E-04	6.57E-06	1.76E-03	0.002736	9.95E-04	6.47E-06	1.95E-03	2.95E-03	9.46E-04	8.21E-06	3.75E-03	4.70E-03
3980	491363.09, 3853877.25	0.06313	0.0859	0.0652	9.69E-04	6.25E-06	1.75E-03	0.002724	9.90E-04	6.15E-06	1.95E-03	2.94E-03	9.40E-04	7.81E-06	3.73E-03	4.68E-03
3981	491863.09, 3853877.25	0.06256	0.08239	0.06468	9.60E-04	6.00E-06	1.73E-03	0.002701	9.81E-04	5.90E-06	1.93E-03	2.92E-03	9.32E-04	7.49E-06	3.71E-03	4.64E-03
3982	492363.09, 3853877.25	0.06396	0.08236	0.06631	9.81E-04	6.00E-06	1.78E-03	0.002766	1.00E-03	5.90E-06	1.98E-03	2.99E-03	9.53E-04	7.49E-06	3.80E-03	4.76E-03
3983	492863.09, 3853877.25	0.06373	0.0801	0.06628	9.78E-04	5.83E-06	1.78E-03	0.002761	9.99E-04	5.74E-06	1.98E-03	2.98E-03	9.49E-04	7.29E-06	3.80E-03	4.75E-03
3984	493363.09, 3853877.25	0.06135	0.07496	0.06395	9.41E-04	5.46E-06	1.72E-03	0.002662	9.62E-04	5.37E-06	1.91E-03	2.88E-03	9.14E-04	6.82E-06	3.66E-03	4.58E-03
3985	493863.09, 3853877.25	0.05825	0.06977	0.0608	8.94E-04	5.08E-06	1.63E-03	0.00253	9.13E-04	5.00E-06	1.81E-03	2.73E-03	8.68E-04	6.35E-06	3.48E-03	4.36E-03
3986	494363.09, 3853877.25	0.05578	0.06593	0.05832	8.56E-04	4.80E-06	1.56E-03	0.002425	8.75E-04	4.72E-06	1.74E-03	2.62E-03	8.31E-04	6.00E-06	3.34E-03	4.18E-03
3987	494863.09, 3853877.25	0.05214	0.06088	0.05453	8.00E-04	4.43E-06	1.46E-03	0.002267	8.18E-04	4.36E-06	1.63E-03	2.45E-03	7.77E-04	5.54E-06	3.12E-03	3.91E-03
3988	495363.09, 3853877.25	0.04529	0.05226	0.04729	6.95E-04	3.80E-06	1.27E-03	0.001967	7.10E-04	3.74E-06	1.41E-03	2.12E-03	6.75E-04	4.75E-06	2.71E-03	3.39E-03
3989	495863.09, 3853877.25	0.04012	0.04568	0.04188	6.16E-04	3.33E-06	1.12E-03	0.001742	6.29E-04	3.27E-06	1.25E-03	1.88E-03	5.98E-04	4.16E-06	2.40E-03	3.00E-03
3990	496363.09, 3853877.25	0.03678	0.04141	0.03841	5.64E-04	3.01E-06	1.03E-03	0.001598	5.77E-04	2.97E-06	1.15E-03	1.73E-03	5.48E-04	3.77E-06	2.20E-03	2.75E-03
3991	496863.09, 3853877.25	0.03143	0.03502	0.03284	4.82E-04	2.55E-06	8.81E-04	0.001366	4.93E-04	2.51E-06	9.80E-04	1.47E-03	4.68E-04	3.19E-06	1.88E-03	2.35E-03
3992	497363.09, 3853877.25	0.02726	0.03015	0.0285	4.18E-04	2.19E-06	7.64E-04	0.001185	4.27E-04	2.16E-06	8.50E-04	1.28E-03	4.06E-04	2.74E-06	1.63E-03	2.04E-03
3993	497863.09, 3853877.25	0.02203	0.02415	0.02305	3.38E-04	1.76E-06	6.18E-04	0.000958	3.45E-04	1.73E-06	6.88E-04	1.03E-03	3.28E-04	2.20E-06	1.32E-03	1.65E-03
3994	498363.09, 3853877.25	0.01901	0.02069	0.0199	2.92E-04	1.51E-06	5.34E-04	0.000827	2.98E-04	1.48E-06	5.94E-04	8.93E-04	2.83E-04	1.88E-06	1.14E-03	1.43E-03
3995	471363.09, 3854377.25	0.00723	0.00784	0.00741	1.11E-04	5.71E-07	1.99E-04	0.00031	1.13E-04	5.62E-07	2.21E-04	3.35E-04	1.08E-04	7.13E-07	4.24E-04	5.33E-04
3996	471863.09, 3854377.25	0.00797	0.00868	0.00816	1.22E-04	6.32E-07	2.19E-04	0.000342	1.25E-04	6.22E-07	2.43E-04	3.69E-04	1.19E-04	7.90E-07	4.67E-04	5.87E-04
3997	472363.09, 3854377.25	0.00851	0.00925	0.0087	1.31E-04	6.73E-07	2.33E-04	0.000365	1.33E-04	6.63E-07	2.60E-04	3.94E-04	1.27E-04	8.41E-07	4.98E-04	6.26E-04
3998	472863.09, 3854377.25	0.00892	0.00962	0.0091	1.37E-04	7.00E-07	2.44E-04	0.000382	1.40E-04	6.89E-07	2.71E-04	4.12E-04	1.33E-04	8.75E-07	5.21E-04	6.55E-04
3999	473363.09, 3854377.25	0.00952	0.01017	0.00969	1.46E-04	7.40E-07	2.60E-04	0.000407	1.49E-04	7.29E-07	2.89E-04	4.39E-04	1.42E-04	9.25E-07	5.55E-04	6.98E-04
4000	473863.09, 3854377.25	0.01029	0.01091	0.01044	1.58E-04	7.94E-07	2.80E-04	0.000439	1.61E-04	7.82E-07	3.11E-04	4.74E-04	1.53E-04	9.92E-07	5.98E-04	7.52E-04
4001	474363.09, 3854377.25	0.01107	0.01159	0.01128	1.70E-04	8.44E-07	3.03E-04	0.000473	1.74E-04	8.30E-07	3.37E-04	5.11E-04	1.65E-04	1.05E-06	6.46E-04	8.12E-04
4002	474863.09, 3854377.25	0.01069	0.01102	0.01085	1.64E-04	8.02E-07	2.91E-04	0.000456	1.68E-04	7.90E-07	3.24E-04	4.92E-04	1.59E-04	1.00E-06	6.22E-04	7.82E-04
4003	475363.09, 3854377.25	0.00932	0.00952	0.00949	1.43E-04	6.93E-07	2.55E-04	0.000398	1.46E-04	6.82E-07	2.83E-04	4.30E-04	1.39E-04	8.66E-07	5.44E-04	6.83E-04
4004	475863.09, 3854377.25	0.00684	0.00719	0.00708	1.05E-04	5.23E-07	1.90E-04	0.000295	1.07E-04	5.15E-07	2.11E-04	3.19E-04	1.02E-04	6.54E-07	4.06E-04	5.08E-04
4005	476363.09, 3854377.25	0.00641	0.00687	0.00667	9.84E-05	5.00E-07	1.79E-04	0.000278	1.01E-04	4.92E-07	1.99E-04	3.00E-04	9.55E-05	6.25E-07	3.82E-04	4.78E-04
4006	476863.09, 3854377.25	0.00638	0.00699	0.00667	9.79E-05	5.09E-07	1.79E-04	0.000277	1.00E-04	5.01E-07	1.99E-04	3.00E-04	9.50E-05	6.36E-07	3.82E-04	4.78E-04
4007	477363.09, 3854377.25	0.00651	0.00728	0.00683	9.99E-05	5.30E-07	1.83E-04	0.000284	1.02E-04	5.22E-07	2.04E-04	3.06E-04	9.70E-05	6.62E-07	3.91E-04	4.89E-04
4008	477863.09, 3854377.25	0.00678	0.00776	0.00713	1.04E-04	5.65E-07	1.91E-04	0.000296	1.06E-04	5.56E-07	2.13E-04	3.20E-04	1.01E-04	7.06E-07	4.08E-04	5.10E-04
4009	478363.09, 3854377.25	0.00795	0.00921	0.00828	1.22E-04	6.70E-07	2.22E-04	0.000345	1.25E-04	6.60E-07	2.47E-04	3.72E-04	1.18E-04	8.38E-07	4.74E-04	5.94E-04
4010	478863.09, 3854377.25	0.00876	0.01038	0.00913	1.34E-04	7.56E-07	2.45E-04	0.00038	1.37E-04	7.44E-07	2.72E-04	4.10E-04	1.30E-04	9.44E-07	5.23E-04	6.54E-04
4011	479363.09, 3854377.25	0.01314	0.01537	0.01345	2.02E-04	1.12E-06	3.61E-04	0.000563	2.06E-04	1.10E-06	4.01E-04	6.08E-04	1.96E-04	1.40E-06	7.70E-04	9.68E-04
4012	479863.09, 3854377.25	0.01731	0.02063	0.0175	2.66E-04	1.50E-06	4.69E-04	0.000736	2.71E-04	1.48E-06	5.22E-04	7.95E-04	2.58E-04	1.88E-06	1.00E-03	1.26E-03
4013	480363.09, 3854377.25	0.02524	0.03113	0.02515	3.87E-04	2.27E-06	6.75E-04	0.001064	3.96E-04	2.23E-06	7.50E-04	1.15E-03	3.76E-04	2.83E-06	1.44E-03	1.82E-03
4014	480863.09, 3854377.25	0.04338	0.0559	0.04265	6.66E-04	4.07E-06	1.14E-03	0.001814	6.80E-04	4.01E-06	1.27E-03	1.96E-03	6.46E-04	5.08E-06	2.44E-03	3.09E-03

4015	481363.09, 3854377.25	0.0721	0.10188	0.07263	1.11E-03	7.42E-06	1.95E-03	0.003062	1.13E-03	7.30E-06	2.17E-03	3.30E-03	1.07E-03	9.27E-06	4.16E-03	5.24E-03
4016	481863.09, 3854377.25	0.12265	0.18703	0.1339	1.88E-03	1.36E-05	3.59E-03	0.005487	1.92E-03	1.34E-05	3.99E-03	5.93E-03	1.83E-03	1.70E-05	7.67E-03	9.51E-03
4017	482363.09, 3854377.25	0.18655	0.2597	0.21911	2.86E-03	1.89E-05	5.88E-03	0.008758	2.92E-03	1.86E-05	6.54E-03	9.48E-03	2.78E-03	2.36E-05	1.26E-02	1.54E-02
4018	482863.09, 3854377.25	0.64046	0.42579	0.93094	9.83E-03	3.10E-05	2.50E-02	0.034827	1.00E-02	3.05E-05	2.78E-02	3.78E-02	9.54E-03	3.87E-05	5.33E-02	6.29E-02
4019	483363.09, 3854377.25	0.57137	0.46155	1.07611	8.77E-03	3.36E-05	2.89E-02	0.037663	8.96E-03	3.31E-05	3.21E-02	4.11E-02	8.51E-03	4.20E-05	6.16E-02	7.02E-02
4020	483863.09, 3854377.25	0.29727	0.28516	0.41036	4.56E-03	2.08E-05	1.10E-02	0.015588	4.66E-03	2.04E-05	1.22E-02	1.69E-02	4.43E-03	2.59E-05	2.35E-02	2.80E-02
4021	484363.09, 3854377.25	0.18266	0.30958	0.23042	2.80E-03	2.25E-05	6.18E-03	0.009005	2.86E-03	2.22E-05	6.87E-03	9.76E-03	2.72E-03	2.82E-05	1.32E-02	1.59E-02
4022	484863.09, 3854377.25	0.12988	0.30319	0.15353	1.99E-03	2.21E-05	4.12E-03	0.006133	2.04E-03	2.17E-05	4.58E-03	6.64E-03	1.93E-03	2.76E-05	8.79E-03	1.08E-02
4023	485363.09, 3854377.25	0.14635	0.36051	0.1594	2.25E-03	2.62E-05	4.28E-03	0.006547	2.29E-03	2.58E-05	4.76E-03	7.08E-03	2.18E-03	3.28E-05	9.13E-03	1.13E-02
4024	485863.09, 3854377.25	0.11585	0.29051	0.12351	1.78E-03	2.11E-05	3.31E-03	0.005111	1.82E-03	2.08E-05	3.68E-03	5.52E-03	1.73E-03	2.64E-05	7.08E-03	8.83E-03
4025	486363.09, 3854377.25	0.11728	0.27532	0.12172	1.80E-03	2.00E-05	3.26E-03	0.005084	1.84E-03	1.97E-05	3.63E-03	5.49E-03	1.75E-03	2.50E-05	6.97E-03	8.74E-03
4026	486863.09, 3854377.25	0.1069	0.23383	0.10977	1.64E-03	1.70E-05	2.94E-03	0.004602	1.68E-03	1.68E-05	3.27E-03	4.97E-03	1.59E-03	2.13E-05	6.29E-03	7.90E-03
4027	487363.09, 3854377.25	0.10706	0.21406	0.10876	1.64E-03	1.56E-05	2.92E-03	0.004575	1.68E-03	1.53E-05	3.24E-03	4.94E-03	1.59E-03	1.95E-05	6.23E-03	7.84E-03
4028	487863.09, 3854377.25	0.1109	0.20371	0.11207	1.70E-03	1.48E-05	3.01E-03	0.004722	1.74E-03	1.46E-05	3.34E-03	5.10E-03	1.65E-03	1.85E-05	6.42E-03	8.09E-03
4029	488363.09, 3854377.25	0.11054	0.18784	0.11177	1.70E-03	1.37E-05	3.00E-03	0.004708	1.73E-03	1.35E-05	3.33E-03	5.08E-03	1.65E-03	1.71E-05	6.40E-03	8.07E-03
4030	488863.09, 3854377.25	0.10901	0.17306	0.11066	1.67E-03	1.26E-05	2.97E-03	0.004653	1.71E-03	1.24E-05	3.30E-03	5.02E-03	1.62E-03	1.57E-05	6.34E-03	7.98E-03
4031	489363.09, 3854377.25	0.10578	0.15876	0.10785	1.62E-03	1.16E-05	2.89E-03	0.004527	1.66E-03	1.14E-05	3.22E-03	4.89E-03	1.58E-03	1.44E-05	6.18E-03	7.77E-03
4032	489863.09, 3854377.25	0.10118	0.14316	0.10368	1.55E-03	1.04E-05	2.78E-03	0.004344	1.59E-03	1.03E-05	3.09E-03	4.69E-03	1.51E-03	1.30E-05	5.94E-03	7.46E-03
4033	490363.09, 3854377.25	0.09568	0.12815	0.09815	1.47E-03	9.33E-06	2.63E-03	0.00411	1.50E-03	9.18E-06	2.93E-03	4.44E-03	1.43E-03	1.17E-05	5.62E-03	7.06E-03
4034	490863.09, 3854377.25	0.07875	0.10132	0.08052	1.21E-03	7.38E-06	2.16E-03	0.003375	1.23E-03	7.26E-06	2.40E-03	3.64E-03	1.17E-03	9.22E-06	4.61E-03	5.79E-03
4035	491363.09, 3854377.25	0.08389	0.10472	0.08621	1.29E-03	7.62E-06	2.31E-03	0.003607	1.32E-03	7.50E-06	2.57E-03	3.89E-03	1.25E-03	9.53E-06	4.94E-03	6.20E-03
4036	491863.09, 3854377.25	0.08665	0.10597	0.08963	1.33E-03	7.71E-06	2.40E-03	0.003741	1.36E-03	7.59E-06	2.67E-03	4.04E-03	1.29E-03	9.64E-06	5.13E-03	6.43E-03
4037	492363.09, 3854377.25	0.08573	0.10229	0.08911	1.32E-03	7.45E-06	2.39E-03	0.003713	1.34E-03	7.33E-06	2.66E-03	4.01E-03	1.28E-03	9.30E-06	5.10E-03	6.39E-03
4038	492863.09, 3854377.25	0.08203	0.0958	0.08548	1.26E-03	6.97E-06	2.29E-03	0.003558	1.29E-03	6.86E-06	2.55E-03	3.84E-03	1.22E-03	8.71E-06	4.90E-03	6.13E-03
4039	493363.09, 3854377.25	0.07694	0.08881	0.08025	1.18E-03	6.46E-06	2.15E-03	0.003339	1.21E-03	6.36E-06	2.39E-03	3.61E-03	1.15E-03	8.08E-06	4.60E-03	5.75E-03
4040	493863.09, 3854377.25	0.07178	0.08197	0.07496	1.10E-03	5.97E-06	2.01E-03	0.003118	1.13E-03	5.87E-06	2.24E-03	3.37E-03	1.07E-03	7.46E-06	4.29E-03	5.37E-03
4041	494363.09, 3854377.25	0.06702	0.07569	0.07004	1.03E-03	5.51E-06	1.88E-03	0.002912	1.05E-03	5.42E-06	2.09E-03	3.15E-03	9.98E-04	6.88E-06	4.01E-03	5.02E-03
4042	494863.09, 3854377.25	0.0551	0.06147	0.05735	8.46E-04	4.47E-06	1.54E-03	0.002388	8.64E-04	4.40E-06	1.71E-03	2.58E-03	8.21E-04	5.59E-06	3.29E-03	4.11E-03
4043	495363.09, 3854377.25	0.04429	0.04892	0.04605	6.80E-04	3.56E-06	1.24E-03	0.001918	6.94E-04	3.51E-06	1.37E-03	2.07E-03	6.60E-04	4.45E-06	2.64E-03	3.30E-03
4044	495863.09, 3854377.25	0.03753	0.04123	0.03904	5.76E-04	3.00E-06	1.05E-03	0.001626	5.88E-04	2.95E-06	1.16E-03	1.76E-03	5.59E-04	3.75E-06	2.24E-03	2.80E-03
4045	496363.09, 3854377.25	0.03424	0.03736	0.03564	5.25E-04	2.72E-06	9.56E-04	0.001484	5.37E-04	2.68E-06	1.06E-03	1.60E-03	5.10E-04	3.40E-06	2.04E-03	2.56E-03
4046	496863.09, 3854377.25	0.03018	0.03275	0.03145	4.63E-04	2.38E-06	8.44E-04	0.001309	4.73E-04	2.35E-06	9.38E-04	1.41E-03	4.50E-04	2.98E-06	1.80E-03	2.25E-03
4047	497363.09, 3854377.25	0.02439	0.02632	0.02542	3.74E-04	1.92E-06	6.82E-04	0.001058	3.82E-04	1.89E-06	7.58E-04	1.14E-03	3.63E-04	2.39E-06	1.46E-03	1.82E-03
4048	497863.09, 3854377.25	0.02472	0.02661	0.02577	3.79E-04	1.94E-06	6.91E-04	0.001072	3.88E-04	1.91E-06	7.69E-04	1.16E-03	3.68E-04	2.42E-06	1.48E-03	1.85E-03
4049	498363.09, 3854377.25	0.02155	0.02313	0.0225	3.31E-04	1.68E-06	6.03E-04	0.000936	3.38E-04	1.66E-06	6.71E-04	1.01E-03	3.21E-04	2.10E-06	1.29E-03	1.61E-03
4050	471363.09, 3854877.25	0.00741	0.00776	0.00752	1.14E-04	5.65E-07	2.02E-04	0.000316	1.16E-04	5.56E-07	2.24E-04	3.41E-04	1.10E-04	7.06E-07	4.31E-04	5.42E-04
4051	471863.09, 3854877.25	0.00801	0.00842	0.00814	1.23E-04	6.13E-07	2.18E-04	0.000342	1.26E-04	6.03E-07	2.43E-04	3.69E-04	1.19E-04	7.66E-07	4.66E-04	5.86E-04
4052	472363.09, 3854877.25	0.00855	0.00904	0.00869	1.31E-04	6.58E-07	2.33E-04	0.000365	1.34E-04	6.48E-07	2.59E-04	3.94E-04	1.27E-04	8.22E-07	4.98E-04	6.26E-04
4053	472863.09, 3854877.25	0.0088	0.00937	0.00896	1.35E-04	6.82E-07	2.40E-04	0.000376	1.38E-04	6.71E-07	2.67E-04	4.06E-04	1.31E-04	8.52E-07	5.13E-04	6.45E-04
4054	473363.09, 3854877.25	0.00967	0.0104	0.00983	1.48E-04	7.57E-07	2.64E-04	0.000413	1.52E-04	7.45E-07	2.93E-04	4.46E-04	1.44E-04	9.46E-07	5.63E-04	7.08E-04
4055	473863.09, 3854877.25	0.01051	0.01144	0.01073	1.61E-04	8.33E-07	2.88E-04	0.00045	1.65E-04	8.20E-07	3.20E-04	4.86E-04	1.57E-04	1.04E-06	6.15E-04	7.72E-04
4056	474363.09, 3854877.25	0.01166	0.01276	0.01187	1.79E-04	9.29E-07	3.18E-04	0.000498	1.83E-04	9.14E-07	3.54E-04	5.38E-04	1.74E-04	1.16E-06	6.80E-04	8.55E-04
4057	474863.09, 3854877.25	0.00982	0.01051	0.00993	1.51E-04	7.65E-07	2.66E-04	0.000418	1.54E-04	7.53E-07	2.96E-04	4.51E-04	1.46E-04	9.56E-07	5.69E-04	7.16E-04
4058	475363.09, 3854877.25	0.00786	0.00835	0.00798	1.21E-04	6.08E-07	2.14E-04	0.000335	1.23E-04	5.98E-07	2.38E-04	3.62E-04	1.17E-04	7.60E-07	4.57E-04	5.75E-04
4059	475863.09, 3854877.25	0.00625	0.0067	0.00642	9.59E-05	4.88E-07	1.72E-04	0.000269	9.80E-05	4.80E-07	1.92E-04	2.90E-04	9.31E-05	6.09E-07	3.68E-04	4.61E-04
4060	476363.09, 3854877.25	0.00444	0.00479	0.00467	6.81E-05	3.49E-07	1.25E-04	0.000194	6.96E-05	3.43E-07	1.39E-04	2.09E-04	6.61E-05	4.36E-07	2.68E-04	3.34E-04
4061	476863.09, 3854877.25	0.00449	0.00486	0.00474	6.89E-05	3.54E-07	1.27E-04	0.000196	7.04E-05	3.48E-07	1.41E-04	2.12E-04	6.69E-05	4.42E-07	2.72E-04	3.39E-04
4062	477363.09, 3854877.25	0.00544	0.00593	0.00569	8.35E-05	4.32E-07	1.53E-04	0.000237	8.53E-05	4.25E-07	1.70E-04	2.55E-04	8.10E-05	5.39E-07	3.26E-04	4.08E-04
4063	477863.09, 3854877.25	0.00639	0.00699	0.00665	9.81E-05	5.09E-07	1.78E-04	0.000277	1.00E-04	5.01E-07	1.98E-04	2.99E-04	9.52E-05	6.36E-07	3.81E-04	4.77E-04
4064	478363.09, 3854877.25	0.00851	0.00945	0.00877	1.31E-04	6.88E-07	2.35E-04	0.000366	1.33E-04	6.77E-07	2.62E-04	3.96E-04	1.27E-04	8.60E-07	5.02E-04	6.30E-04
4065	478863.09, 3854877.25	0.01203	0.0135	0.01223	1.85E-04	9.83E-07	3.28E-04	0.000514	1.89E-04	9.67E-07	3.65E-04	5.54E-04	1.79E-04	1.23E-06	7.01E-04	8.81E-04
4066	479363.09, 3854877.25	0.01715	0.01928	0.01718	2.63E-04	1.40E-06	4.61E-04	0.000725	2.69E-04	1.38E-06	5.13E-04	7.83E-04	2.55E-04	1.75E-06	9.84E-04	1.24E-03
4067	479863.09, 3854877.25	0.02436	0.02694	0.02401	3.74E-04	1.96E-06	6.44E-04	0.00102	3.82E-04	1.93E-06	7.16E-04	1.10E-03	3.63E-04	2.45E-06	1.38E-03	1.74E-03
4068	480363.09, 3854877.25	0.03325	0.03681	0.03238	5.10E-04	2.68E-06	8.68E-04	0.001381	5.21E-04	2.64E-06	9.66E-04	1.49E-03	4.95E-04	3.35E-06	1.85E-03	2.35E-03
4069	480863.09, 3854877.25	0.05375	0.06313	0.05264	8.25E-04	4.60E-06	1.41E-03	0.002241	8.43E-04	4.52E-06	1.57E-03	2.42E-03	8.01E-04	5.74E-06	3.02E-03	3.82E-03
4070	481363.09, 3854877.25	0.07572	0.09636	0.0752	1.16E-03	7.01E-06	2.02E-03	0.003186	1.19E-03	6.90E-06	2.24E-03	3.44E-03	1.13E-03	8.77E-06	4.31E-03	5.44E-03
4071	481863.09, 3854877.25	0.08568	0.11141	0.083	1.31E-03	8.11E-06	2.23E-03	0.003549	1.34E-03	7.98E-06	2.48E-03	3.83E-03	1.28E-03	1.01E-05	4.75E-03	6.04E-03
4072	482363.09, 3854877.25	0.20361	0.35452	0.22319	3.12E-03	2.58E-05	5.99E-03	0.009136	3.19E-03	2.54E-05	6.66E-03	9.88E-03	3.03E-03	3.22E-05	1.28E-02	1.59E-02
4073	482863.09, 3854877.25	0.41177	0.81598	0.46248	6.32E-03	5.94E-05	1.24E-02	0.018782	6.46E-03	5.85E-05	1.38E-02	2.03E-02	6.13E-03	7.42E-05	2.65E-02	3.27E-02
4074	483363.09, 3854877.25	2.08868	4.53884	2.76135	3.21E-02	3.30E-04	7.41E-02	0.106442	3.27E-02	3.25E-04	8.24E-02	1.15E-01	3.11E-02	4.13E-04	1.58E-01	1.90E-01
4075	483863.09, 3854877.25	2.59972	9.39017	2.00645	3.99E-02	6.84E-04	5.38E-02	0.094391	4.08E-02	6.73E-04	5.99E-02	1.01E-01	3.87E-02	8.54E-04	1.15E-01	1.55E-01
4076	484363.09, 3854877.25	0.80985	2.742	0.68154	1.24E-02	2.00E-04	1.83E-02	0.030906	1.27E-02	1.96E-04	2.03E-02	3.32E-02	1.21E-02	2.49E-04	3.90E-02	5.14E-02
4077	484863.09, 3854877.25	0.48876	1.51595	0.44395	7.50E-03	1.10E-04	1.19E-02	0.019517	7.66E-03	1.09E-04	1.32E-02	2.10E-02	7.28E-03	1.38E-04	2.54E-02	3.29E-02
4078	485363.09, 3854877.25	0.35793	0.95271	0.33469	5.49E-03	6.93E-05	8.98E-03	0.014538	5.61E-03	6.83E-05	9.98E-03	1.57E-02	5.33E-03	8.67E-05	1.92E-02	2.46E-02
4079	485863.09, 3854877.25	0.27487	0.63345	0.26176	4.22E-03	4.61E-05	7.02E-03	0.011285	4.31E-03	4.54E-05	7.81E-03	1.22E-02	4.09E-03	5.76E-05	1.50E-02	1.91E-02
4080	486363.09, 3854877.25	0.22236	0.45409	0.21468	3.41E-03	3.31E-05	5.76E-03	0.009203	3.49E-03	3.25E-05	6.40E-03	9.92E-03	3.31E-03	4.13E-05	1.23E-02	1.57E-02
4081	486863.09, 3854877.25	0.191	0.34885	0.18627	2.93E-03	2.54E-05	5.00E-03	0.007952	2.99E-03	2.50E-05	5.56E-03	8.58E-03	2.85E-03	3.17E-05	1.07E-02	1.35E-02
4082	487363.09, 3854877.25	0.18254	0.30025	0.17941	2.80E-03	2.19E-05	4.81E-03	0.007635	2.86E-03	2.15E-05	5.35E-03	8.24E-03	2.72E-03	2.73E-05	1.03E-02	1.30E-02
4083	487863.09, 3854877.25	0.1748	0.26336	0.17346	2.68E-03	1.92E-05	4.65E-03	0.007354	2.74E-03	1.89E-05	5.17E-03	7.93E-03	2.60E-03	2.40E-05	9.94E-03	1.26E-02
4084	488363.09, 3854877.25	0.16821	0.23477	0.16879	2.58E-03	1.71E-05	4.53E-03	0.007125	2.64E-03	1.68E-05	5.04E-03	7.69E-03	2.51E-03	2.14E-05	9.67E-03	1.22E-02
4085	488863.09, 3854877.25	0.16354	0.21521	0.16608	2.51E-03	1.57E-05	4.45E-03	0.00698	2.56E-03	1.54E-05	4.95E-03	7.53E-03	2.44E-03	1.96E-05	9.51E-03	1.20E-02
4086	489363.09, 3854877.25	0.15425	0.19173	0.1578	2.37E-03	1.40E-05	4.23E-03	0.006613	2.42E-03	1.37E-05	4.71E-03	7.14E-03	2.30E-03	1.74E-05	9.04E-03	1.14E-02
4087	489863.09, 3854877.25	0.13917	0.16439	0.14255	2.14E-03	1.20E-05	3.82E-03	0.005971	2.18E-03	1.18E-05	4.25E-03	6.45E-03	2.07E-03	1.50E-05	8.17E-03	1.03E-02
4088	490363.09, 3854877.25	0.10554	0.12144	0.10714	1.62E-03	8.84E-06	2.87E-03	0.004502	1.65E-03	8.70E-06	3.20E-03	4.86E-03	1.57E-03	1.10E-05	6.14E-03	7.72E-03
4089	490863.09, 3854877.25	0.07702	0.08777	0.07837	1.18E-03	6.39E-06	2.10E-03	0.00329	1.21E-03	6.29E-06	2.34E-03	3.55E-03	1.15E-03	7.98E-06	4.49E-03	5.64E-03
4090	491363.09, 3854877.25	0.08091	0.09015	0.08256	1.24E-03	6.56E-06	2.21E-03	0.003462	1.27E-03	6.46E-06	2.46E-03	3.74E-03	1.21E-03	8.20E-06	4.73E-03	5.94E-03
4091	491863.09, 3854877.25	0.11086	0.12049	0.11521	1.70E-03	8.77E-06	3.09E-03	0.0048	1.74E-03	8.63E-06	3.44E-03	5.18E-03	1.65E-03	1.10E-05	6.60E-03	8.26E-03
4092	492363.09, 3854877.25	0.1081	0.11668	0.11297	1.66E-03	8.49E-06	3.03E-03	0.004697	1.69E-03	8.36E-06	3.37E-03	5.07E-03	1.61E-03	1.06E-05	6.47E-03	8.09E-03
4093	492863.09, 3854877.25	0.10069	0.10797	0.10547	1.55E-03	7.86E-06	2.83E-03	0.004382	1.58E-03	7.74E-06	3.15E-03	4.73E-03	1.50E-03	9.82E-06	6.04E-03	7.55E-03
4094	493363.09, 3854877.25	0.09209	0.09789	0.09646	1.41E-03	7.13E-06	2.59E-03	0.004007	1.44E-03	7.01E-06	2.88E-03	4.33E-03	1.37E-03	8.90E-06	5.53E-03	6.91E-03
4095	493863.09, 3854877.25	0.08507	0.08958	0.08908	1.31E-03	6.52E-06	2.39E-03	0.003701	1.33E-03	6.42E-06	2.66E-03	4.00E-03	1.27E-03	8.15E-06	5.10E-03	6.38E-03
4096	494363.09, 3854877.25	0.06604	0.06941	0.06867	1.01E-03	5.05E-06	1.84E-03	0.00286	1.04E-03	4.97E-06	2.05E-03	3.09E-03	9.84E-04	6.31E-06	3.93E-03	4.92E-03
4097	494863.09, 3854877.25	0.04924	0.05185	0.05106	7.56E-04	3.77E-06	1.37E-03	0.002129	7.72E-04	3.72E-06	1.52E-03	2.30E-03	7.34E-04	4.72E-06	2.92E-03	3.66E-03
4098	495363.09, 3854877.25	0.03984	0.04183	0.0413	6.11E-04	3.04E-06	1.11E-03	0.001722	6.25E-04	3.00E-06	1.23E-03	1.86E-03	5.94E-04	3.80E-06	2.37E-03	2.96E-03
4099	495863.09, 3854877.25	0.03462	0.03629	0.03592	5.31E-04	2.64E-06	9.63E-04	0.001497	5.43E-04	2.60E-06	1.07E-03	1.62E-03	5.16E-04	3.30E-06	2.06E-03	2.58E-03
4100	496363.09, 3854877.25	0.02832	0.02961	0.02938	4.35E-04	2.16E-06	7.88E-04	0.001225	4.44E-04	2.12E-06	8.76E-04	1.32E-03	4.22E-04	2.69E-06	1.68E-03	2.11E-03
4101	496863.09, 3854877.25	0.0245	0.02554	0.02542	3.76E-04	1.86E-06	6.82E-04	0.00106	3.84E-04	1.83E-06	7.58E-04	1.14E-03	3.65E-04	2.32E-06	1.46E-03	1.82E-03
4102	497363.09, 3854877.25	0.02311	0.02404	0.02399	3.55E-04	1.75E-06	6.43E-04	0.001	3.62E-04	1.72E-06	7.16E-04	1.08E-03	3.44E-04	2.19E-06	1.37E-03	1.72E-03
4103	497863.09, 3854877.25	0.0247	0.02562	0.02567	3.79E-04	1.86E-06	6.88E-04	0.001069	3.87E-04	1.84E-06	7.66E-04	1.15E-03	3.68E-04	2.33E-06	1.47E-03	1.84E-03
4104	498363.09, 3854877.25	0.02371	0.02455	0.02465	3.64E-04	1.79E-06	6.61E-04	0.001027	3.72E-04	1.76E-06	7.35E-04	1.11E-03	3.53E-04	2.23E-06	1.41E-03	1.77E-03
4105	471363.09, 3855377.25	0.00754	0.00721	0.00763	1.16E-04	5.25E-07	2.05E-04	0.000321	1.18E-04	5.17E-07	2.28E-04	3.46E-04	1.12E-04	6.56E-07	4.37E-04	5.50E-04
4106	471863.09, 3855377.25	0.00792	0.00758	0.00801	1.22E-04	5.52E-07	2.15E-04	0.000337	1.24E-04	5.43E-07	2.39E-04	3.64E-04	1.18E-04	6.89E-07	4.59E-04	5.78E-04
4107	472363.09, 3855377.25	0.00861	0.00826	0.00872	1.32E-04	6.01E-07	2.34E-04	0.000367	1.35E-04	5.92E-07	2.60E-04	3.96E-04	1.28E-04	7.51E-07	5.00E-04	6.29E-04
4108	472863.09, 3855377.25	0.00902	0.00867	0.00915	1.38E-04	6.31E-07	2.45E-04	0.000384	1.41E-04	6.21E-07	2.73E-04	4.15E-04	1.34E-04	7.89E-07	5.24E-04	6.59E-04
4109	473363.09, 3855377.25	0.01002	0.00963	0.01021	1.54E-04	7.01E-07	2.74E-04	0.000428	1.57E-04	6.90E-07	3.05E-04	4.62E-04	1.49E-04	8.76E-07	5.85E-04	7.35E-04
4110	473863.09, 3855377.25	0.01092	0.01053	0.01115	1.68E-04	7.66E-07	2.99E-04	0.000467	1.71E-04	7.54E-07	3.33E-04	5.05E-04	1.63E-04	9.58E-07	6.39E-04	8.02E-04
4111	474363.09, 3855377.25	0.01176	0.01141	0.01201	1.80E-04	8.31E-07	3.22E-04	0.000503	1.84E-04	8.18E-07	3.58E-04	5.43E-04	1.75E-04	1.04E-06	6.88E-04	8.64E-04
4112	474863.09, 3855377.25	0.01015	0.00998	0.01031	1.56E-04	7.26E-07	2.77E-04	0.000433	1.59E-04	7.15E-07	3.08E-04	4.67E-04	1.51E-04	9.08E-07	5.91E-04	7.43E-04

4113	475363.09, 3855377.25	0.00541	0.0056	0.0055	8.30E-05	4.08E-07	1.48E-04	0.000231	8.48E-05	4.01E-07	1.64E-04	2.49E-04	8.06E-05	5.09E-07	3.15E-04	3.96E-04
4114	475863.09, 3855377.25	0.00434	0.00452	0.00448	6.66E-05	3.29E-07	1.20E-04	0.000187	6.80E-05	3.24E-07	1.34E-04	2.02E-04	6.47E-05	4.11E-07	2.57E-04	3.22E-04
4115	476363.09, 3855377.25	0.00509	0.00528	0.00523	7.81E-05	3.84E-07	1.40E-04	0.000219	7.98E-05	3.78E-07	1.56E-04	2.36E-04	7.58E-05	4.80E-07	3.00E-04	3.76E-04
4116	476863.09, 3855377.25	0.00509	0.00525	0.00524	7.81E-05	3.82E-07	1.41E-04	0.000219	7.98E-05	3.76E-07	1.56E-04	2.37E-04	7.58E-05	4.78E-07	3.00E-04	3.76E-04
4117	477363.09, 3855377.25	0.0057	0.00586	0.00586	8.75E-05	4.27E-07	1.57E-04	0.000245	8.94E-05	4.20E-07	1.75E-04	2.65E-04	8.49E-05	5.33E-07	3.36E-04	4.21E-04
4118	477863.09, 3855377.25	0.0074	0.00761	0.0075	1.14E-04	5.54E-07	2.01E-04	0.000315	1.16E-04	5.45E-07	2.24E-04	3.40E-04	1.10E-04	6.92E-07	4.30E-04	5.41E-04
4119	478363.09, 3855377.25	0.00956	0.00993	0.00965	1.47E-04	7.23E-07	2.59E-04	0.000406	1.50E-04	7.12E-07	2.88E-04	4.38E-04	1.42E-04	9.03E-07	5.53E-04	6.96E-04
4120	478863.09, 3855377.25	0.01215	0.01259	0.01221	1.86E-04	9.16E-07	3.27E-04	0.000515	1.91E-04	9.02E-07	3.64E-04	5.56E-04	1.81E-04	1.15E-06	6.99E-04	8.82E-04
4121	479363.09, 3855377.25	0.01656	0.01717	0.01652	2.54E-04	1.25E-06	4.43E-04	0.000698	2.60E-04	1.23E-06	4.93E-04	7.54E-04	2.47E-04	1.56E-06	9.46E-04	1.19E-03
4122	479863.09, 3855377.25	0.02209	0.02318	0.02187	3.39E-04	1.69E-06	5.87E-04	0.000927	3.46E-04	1.66E-06	6.52E-04	1.00E-03	3.29E-04	2.11E-06	1.25E-03	1.58E-03
4123	480363.09, 3855377.25	0.03449	0.03651	0.0336	5.29E-04	2.66E-06	9.01E-04	0.001433	5.41E-04	2.62E-06	1.00E-03	1.55E-03	5.14E-04	3.32E-06	1.92E-03	2.44E-03
4124	480863.09, 3855377.25	0.05894	0.06708	0.05823	9.04E-04	4.88E-06	1.56E-03	0.002471	9.24E-04	4.81E-06	1.74E-03	2.67E-03	8.78E-04	6.10E-06	3.34E-03	4.22E-03
4125	481363.09, 3855377.25	0.09509	0.12443	0.09641	1.46E-03	9.06E-06	2.59E-03	0.004054	1.49E-03	8.92E-06	2.88E-03	4.38E-03	1.42E-03	1.13E-05	5.52E-03	6.95E-03
4126	481863.09, 3855377.25	0.1362	0.20577	0.1404	2.09E-03	1.50E-05	3.77E-03	0.005871	2.14E-03	1.47E-05	4.19E-03	6.34E-03	2.03E-03	1.87E-05	8.04E-03	1.01E-02
4127	482363.09, 3855377.25	0.18578	0.31656	0.19084	2.85E-03	2.30E-05	5.12E-03	0.007992	2.91E-03	2.27E-05	5.69E-03	8.63E-03	2.77E-03	2.88E-05	1.09E-02	1.37E-02
4128	482863.09, 3855377.25	0.28402	0.53881	0.28571	4.36E-03	3.92E-05	7.66E-03	0.01206	4.45E-03	3.86E-05	8.52E-03	1.30E-02	4.23E-03	4.90E-05	1.64E-02	2.06E-02
4129	483363.09, 3855377.25	0.49685	0.99592	0.46698	7.62E-03	7.25E-05	1.25E-02	0.020221	7.79E-03	7.14E-05	1.39E-02	2.18E-02	7.40E-03	9.06E-05	2.68E-02	3.42E-02
4130	483863.09, 3855377.25	2.08025	2.19448	1.9561	3.19E-02	1.60E-04	5.25E-02	0.084545	3.26E-02	1.57E-04	5.84E-02	9.11E-02	3.10E-02	2.00E-04	1.12E-01	1.43E-01
4131	484363.09, 3855377.25	3.27564	2.09346	2.54705	5.03E-02	1.52E-04	6.83E-02	0.118731	5.14E-02	1.50E-04	7.60E-02	1.27E-01	4.88E-02	1.90E-04	1.46E-01	1.95E-01
4132	484863.09, 3855377.25	1.39113	1.48044	1.20788	2.13E-02	1.08E-04	3.24E-02	0.053851	2.18E-02	1.06E-04	3.60E-02	5.80E-02	2.07E-02	1.35E-04	6.92E-02	9.01E-02
4133	485363.09, 3855377.25	0.78197	0.94782	0.70981	1.20E-02	6.90E-05	1.90E-02	0.031106	1.23E-02	6.79E-05	2.12E-02	3.35E-02	1.16E-02	8.62E-05	4.07E-02	5.24E-02
4134	485863.09, 3855377.25	0.54578	0.67281	0.51107	8.38E-03	4.90E-05	1.37E-02	0.022131	8.56E-03	4.82E-05	1.52E-02	2.39E-02	8.13E-03	6.12E-05	2.93E-02	3.75E-02
4135	486363.09, 3855377.25	0.39402	0.47551	0.37463	6.05E-03	3.46E-05	1.00E-02	0.016129	6.18E-03	3.41E-05	1.12E-02	1.74E-02	5.87E-03	4.33E-05	2.15E-02	2.74E-02
4136	486863.09, 3855377.25	0.30639	0.3546	0.2961	4.70E-03	2.58E-05	7.94E-03	0.012669	4.80E-03	2.54E-05	8.83E-03	1.37E-02	4.56E-03	3.23E-05	1.70E-02	2.16E-02
4137	487363.09, 3855377.25	0.2815	0.3103	0.27794	4.32E-03	2.26E-05	7.45E-03	0.011797	4.41E-03	2.22E-05	8.29E-03	1.27E-02	4.19E-03	2.82E-05	1.59E-02	2.01E-02
4138	487863.09, 3855377.25	0.26004	0.27346	0.26109	3.99E-03	1.99E-05	7.00E-03	0.011013	4.08E-03	1.96E-05	7.79E-03	1.19E-02	3.87E-03	2.49E-05	1.50E-02	1.89E-02
4139	488363.09, 3855377.25	0.24223	0.24673	0.24654	3.72E-03	1.80E-05	6.61E-03	0.010347	3.80E-03	1.77E-05	7.35E-03	1.12E-02	3.61E-03	2.24E-05	1.41E-02	1.78E-02
4140	488863.09, 3855377.25	0.22573	0.22309	0.23214	3.46E-03	1.62E-05	6.23E-03	0.009706	3.54E-03	1.60E-05	6.93E-03	1.05E-02	3.36E-03	2.03E-05	1.33E-02	1.67E-02
4141	489363.09, 3855377.25	0.20794	0.19979	0.21499	3.19E-03	1.45E-05	5.77E-03	0.008972	3.26E-03	1.43E-05	6.41E-03	9.69E-03	3.10E-03	1.82E-05	1.23E-02	1.54E-02
4142	489863.09, 3855377.25	0.18765	0.18103	0.19432	2.88E-03	1.32E-05	5.21E-03	0.008104	2.94E-03	1.30E-05	5.80E-03	8.75E-03	2.80E-03	1.65E-05	1.11E-02	1.39E-02
4143	490363.09, 3855377.25	0.17736	0.17264	0.18482	2.72E-03	1.26E-05	4.96E-03	0.007691	2.78E-03	1.24E-05	5.51E-03	8.31E-03	2.64E-03	1.57E-05	1.06E-02	1.32E-02
4144	490863.09, 3855377.25	0.1163	0.11308	0.11869	1.78E-03	8.23E-06	3.18E-03	0.004976	1.82E-03	8.10E-06	3.54E-03	5.37E-03	1.73E-03	1.03E-05	6.80E-03	8.54E-03
4145	491363.09, 3855377.25	0.09889	0.09695	0.1011	1.52E-03	7.06E-06	2.71E-03	0.004236	1.55E-03	6.95E-06	3.02E-03	4.57E-03	1.47E-03	8.82E-06	5.79E-03	7.27E-03
4146	491863.09, 3855377.25	0.13575	0.13404	0.14211	2.08E-03	9.76E-06	3.81E-03	0.005904	2.13E-03	9.60E-06	4.24E-03	6.38E-03	2.02E-03	1.22E-05	8.14E-03	1.02E-02
4147	492363.09, 3855377.25	0.12924	0.12783	0.13592	1.98E-03	9.30E-06	3.65E-03	0.005638	2.03E-03	9.16E-06	4.05E-03	6.09E-03	1.93E-03	1.16E-05	7.79E-03	9.72E-03
4148	492863.09, 3855377.25	0.11826	0.1172	0.12446	1.81E-03	8.53E-06	3.34E-03	0.005161	1.85E-03	8.40E-06	3.71E-03	5.58E-03	1.76E-03	1.07E-05	7.13E-03	8.90E-03
4149	493363.09, 3855377.25	0.10253	0.1019	0.1075	1.57E-03	7.42E-06	2.88E-03	0.004464	1.61E-03	7.30E-06	3.21E-03	4.82E-03	1.53E-03	9.27E-06	6.16E-03	7.69E-03
4150	493863.09, 3855377.25	0.07958	0.07914	0.08278	1.22E-03	5.76E-06	2.22E-03	0.003447	1.25E-03	5.67E-06	2.47E-03	3.72E-03	1.19E-03	7.20E-06	4.74E-03	5.93E-03
4151	494363.09, 3855377.25	0.05953	0.05923	0.06168	9.13E-04	4.31E-06	1.65E-03	0.002572	9.33E-04	4.24E-06	1.84E-03	2.78E-03	8.87E-04	5.39E-06	3.53E-03	4.43E-03
4152	494863.09, 3855377.25	0.04435	0.04396	0.04587	6.81E-04	3.20E-06	1.23E-03	0.001914	6.95E-04	3.15E-06	1.37E-03	2.07E-03	6.61E-04	4.00E-06	2.63E-03	3.29E-03
4153	495363.09, 3855377.25	0.03492	0.03445	0.03609	5.36E-04	2.51E-06	9.68E-04	0.001506	5.48E-04	2.47E-06	1.08E-03	1.63E-03	5.20E-04	3.13E-06	2.07E-03	2.59E-03
4154	495863.09, 3855377.25	0.02888	0.02838	0.02985	4.43E-04	2.07E-06	8.01E-04	0.001246	4.53E-04	2.03E-06	8.90E-04	1.35E-03	4.30E-04	2.58E-06	1.71E-03	2.14E-03
4155	496363.09, 3855377.25	0.02706	0.02661	0.02799	4.15E-04	1.94E-06	7.51E-04	0.001168	4.24E-04	1.91E-06	8.35E-04	1.26E-03	4.03E-04	2.42E-06	1.60E-03	2.01E-03
4156	496863.09, 3855377.25	0.02571	0.02528	0.0266	3.95E-04	1.84E-06	7.13E-04	0.00111	4.03E-04	1.81E-06	7.94E-04	1.20E-03	3.83E-04	2.30E-06	1.52E-03	1.91E-03
4157	497363.09, 3855377.25	0.02531	0.02493	0.02621	3.88E-04	1.81E-06	7.03E-04	0.001093	3.97E-04	1.79E-06	7.82E-04	1.18E-03	3.77E-04	2.27E-06	1.50E-03	1.88E-03
4158	497863.09, 3855377.25	0.02589	0.02553	0.02683	3.97E-04	1.86E-06	7.20E-04	0.001119	4.06E-04	1.83E-06	8.00E-04	1.21E-03	3.86E-04	2.32E-06	1.54E-03	1.92E-03
4159	498363.09, 3855377.25	0.02671	0.02641	0.02772	4.10E-04	1.92E-06	7.43E-04	0.001155	4.19E-04	1.89E-06	8.27E-04	1.25E-03	3.98E-04	2.40E-06	1.59E-03	1.99E-03
4160	471363.09, 3855877.25	0.00775	0.00791	0.00785	1.19E-04	5.76E-07	2.11E-04	0.00033	1.22E-04	5.67E-07	2.34E-04	3.56E-04	1.15E-04	7.20E-07	4.50E-04	5.66E-04
4161	471863.09, 3855877.25	0.00814	0.00838	0.00823	1.25E-04	6.10E-07	2.21E-04	0.000346	1.28E-04	6.00E-07	2.46E-04	3.74E-04	1.21E-04	7.62E-07	4.71E-04	5.93E-04
4162	472363.09, 3855877.25	0.00901	0.00941	0.00912	1.38E-04	6.85E-07	2.45E-04	0.000384	1.41E-04	6.74E-07	2.72E-04	4.14E-04	1.34E-04	8.56E-07	5.22E-04	6.58E-04
4163	472863.09, 3855877.25	0.00926	0.00972	0.00935	1.42E-04	7.08E-07	2.51E-04	0.000394	1.45E-04	6.96E-07	2.79E-04	4.25E-04	1.38E-04	8.84E-07	5.36E-04	6.74E-04
4164	473363.09, 3855877.25	0.01048	0.01118	0.01057	1.61E-04	8.14E-07	2.83E-04	0.000445	1.64E-04	8.01E-07	3.15E-04	4.80E-04	1.56E-04	1.02E-06	6.05E-04	7.63E-04
4165	473863.09, 3855877.25	0.01146	0.01237	0.01155	1.76E-04	9.00E-07	3.10E-04	0.000487	1.80E-04	8.86E-07	3.45E-04	5.25E-04	1.71E-04	1.13E-06	6.62E-04	8.33E-04
4166	474363.09, 3855877.25	0.01216	0.01316	0.01223	1.87E-04	9.58E-07	3.28E-04	0.000516	1.91E-04	9.43E-07	3.65E-04	5.56E-04	1.81E-04	1.20E-06	7.01E-04	8.83E-04
4167	474863.09, 3855877.25	0.00971	0.01007	0.00971	1.49E-04	7.33E-07	2.60E-04	0.00041	1.52E-04	7.22E-07	2.90E-04	4.43E-04	1.45E-04	9.16E-07	5.56E-04	7.02E-04
4168	475363.09, 3855877.25	0.00646	0.0064	0.00649	9.91E-05	4.66E-07	1.74E-04	0.000274	1.01E-04	4.59E-07	1.94E-04	2.95E-04	9.62E-05	5.82E-07	3.72E-04	4.69E-04
4169	475863.09, 3855877.25	0.00332	0.00318	0.00342	5.09E-05	2.31E-07	9.17E-05	0.000143	5.21E-05	2.28E-07	1.02E-04	1.54E-04	4.95E-05	2.89E-07	1.96E-04	2.46E-04
4170	476363.09, 3855877.25	0.00358	0.00343	0.0037	5.49E-05	2.50E-07	9.92E-05	0.000154	5.61E-05	2.46E-07	1.10E-04	1.67E-04	5.33E-05	3.12E-07	2.12E-04	2.66E-04
4171	476863.09, 3855877.25	0.00519	0.00502	0.00528	7.96E-05	3.65E-07	1.42E-04	0.000222	8.14E-05	3.60E-07	1.58E-04	2.39E-04	7.73E-05	4.57E-07	3.02E-04	3.80E-04
4172	477363.09, 3855877.25	0.00627	0.00609	0.00633	9.62E-05	4.43E-07	1.70E-04	0.000266	9.83E-05	4.36E-07	1.89E-04	2.88E-04	9.34E-05	5.54E-07	3.63E-04	4.57E-04
4173	477863.09, 3855877.25	0.00775	0.0076	0.00781	1.19E-04	5.53E-07	2.09E-04	0.000329	1.22E-04	5.45E-07	2.33E-04	3.55E-04	1.15E-04	6.91E-07	4.47E-04	5.64E-04
4174	478363.09, 3855877.25	0.00981	0.00964	0.00979	1.51E-04	7.02E-07	2.63E-04	0.000414	1.54E-04	6.91E-07	2.92E-04	4.47E-04	1.46E-04	8.77E-07	5.61E-04	7.08E-04
4175	478863.09, 3855877.25	0.01309	0.0131	0.01301	2.01E-04	9.54E-07	3.49E-04	0.000551	2.05E-04	9.39E-07	3.88E-04	5.94E-04	1.95E-04	1.19E-06	7.45E-04	9.41E-04
4176	479363.09, 3855877.25	0.01811	0.01831	0.01787	2.78E-04	1.33E-06	4.79E-04	0.000759	2.84E-04	1.31E-06	5.33E-04	8.18E-04	2.70E-04	1.67E-06	1.02E-03	1.30E-03
4177	479863.09, 3855877.25	0.0247	0.02526	0.02426	3.79E-04	1.84E-06	6.51E-04	0.001032	3.87E-04	1.81E-06	7.24E-04	1.11E-03	3.68E-04	2.30E-06	1.39E-03	1.76E-03
4178	480363.09, 3855877.25	0.03657	0.03764	0.03565	5.61E-04	2.74E-06	9.56E-04	0.00152	5.73E-04	2.70E-06	1.06E-03	1.64E-03	5.45E-04	3.42E-06	2.04E-03	2.59E-03
4179	480863.09, 3855877.25	0.05735	0.06319	0.05616	8.80E-04	4.60E-06	1.51E-03	0.002391	8.99E-04	4.53E-06	1.68E-03	2.58E-03	8.54E-04	5.75E-06	3.22E-03	4.08E-03
4180	481363.09, 3855877.25	0.06689	0.07512	0.06435	1.03E-03	5.47E-06	1.73E-03	0.002758	1.05E-03	5.38E-06	1.92E-03	2.97E-03	9.96E-04	6.83E-06	3.69E-03	4.69E-03
4181	481863.09, 3855877.25	0.12606	0.17802	0.1263	1.93E-03	1.30E-05	3.39E-03	0.005335	1.98E-03	1.28E-05	3.77E-03	5.76E-03	1.88E-03	1.62E-05	7.24E-03	9.13E-03
4182	482363.09, 3855877.25	0.16208	0.23113	0.16125	2.49E-03	1.68E-05	4.32E-03	0.006829	2.54E-03	1.66E-05	4.81E-03	7.37E-03	2.41E-03	2.10E-05	9.24E-03	1.17E-02
4183	482863.09, 3855877.25	0.221	0.30819	0.21534	3.39E-03	2.24E-05	5.78E-03	0.009189	3.47E-03	2.21E-05	6.42E-03	9.91E-03	3.29E-03	2.80E-05	1.23E-02	1.57E-02
4184	483363.09, 3855877.25	0.31527	0.40282	0.29629	4.84E-03	2.93E-05	7.95E-03	0.012814	4.94E-03	2.89E-05	8.84E-03	1.38E-02	4.70E-03	3.66E-05	1.70E-02	2.17E-02
4185	483863.09, 3855877.25	0.4972	0.41874	0.4467	7.63E-03	3.05E-05	1.20E-02	0.019641	7.80E-03	3.00E-05	1.33E-02	2.12E-02	7.41E-03	3.81E-05	2.56E-02	3.30E-02
4186	484363.09, 3855877.25	1.47549	0.48762	1.16024	2.26E-02	3.55E-05	3.11E-02	0.053795	2.31E-02	3.49E-05	3.46E-02	5.78E-02	2.20E-02	4.44E-05	6.65E-02	8.85E-02
4187	484863.09, 3855877.25	3.68096	0.49798	3.73286	5.65E-02	3.62E-05	1.00E-01	0.156638	5.77E-02	3.57E-05	1.11E-01	1.69E-01	5.48E-02	4.53E-05	2.14E-01	2.69E-01
4188	485363.09, 3855877.25	1.64964	0.49812	1.6703	2.53E-02	3.63E-05	4.48E-02	0.070149	2.59E-02	3.57E-05	4.98E-02	7.57E-02	2.46E-02	4.53E-05	9.57E-02	1.20E-01
4189	485863.09, 3855877.25	0.90465	0.42525	0.91269	1.39E-02	3.10E-05	2.45E-02	0.038392	1.42E-02	3.05E-05	2.72E-02	4.14E-02	1.35E-02	3.87E-05	5.23E-02	6.58E-02
4190	486363.09, 3855877.25	0.59378	0.3359	0.59568	9.11E-03	2.45E-05	1.60E-02	0.025113	9.31E-03	2.41E-05	1.78E-02	2.71E-02	8.85E-03	3.06E-05	3.41E-02	4.30E-02
4191	486863.09, 3855877.25	0.45722	0.28653	0.46062	7.02E-03	2.09E-05	1.24E-02	0.019391	7.17E-03	2.05E-05	1.37E-02	2.09E-02	6.81E-03	2.61E-05	2.64E-02	3.32E-02
4192	487363.09, 3855877.25	0.40651	0.2709	0.41476	6.24E-03	1.97E-05	1.11E-02	0.017382	6.37E-03	1.94E-05	1.24E-02	1.88E-02	6.06E-03	2.46E-05	2.38E-02	2.98E-02
4193	487863.09, 3855877.25	0.3672	0.2579	0.37776	5.63E-03	1.88E-05	1.01E-02	0.015785	5.76E-03	1.85E-05	1.13E-02	1.70E-02	5.47E-03	2.35E-05	2.16E-02	2.71E-02
4194	488363.09, 3855877.25	0.3291	0.24165	0.34045	5.05E-03	1.76E-05	9.13E-03	0.014199	5.16E-03	1.73E-05	1.02E-02	1.53E-02	4.90E-03	2.20E-05	1.95E-02	2.44E-02
4195	488863.09, 3855877.25	0.29759	0.22688	0.30941	4.57E-03	1.65E-05	8.30E-03	0.012882	4.67E-03	1.63E-05	9.23E-03	1.39E-02	4.43E-03	2.06E-05	1.77E-02	2.22E-02
4196	489363.09, 3855877.25	0.26893	0.21878	0.28062	4.13E-03	1.59E-05	7.53E-03	0.011669	4.22E-03	1.57E-05	8.37E-03	1.26E-02	4.01E-03	1.99E-05	1.61E-02	2.01E-02
4197	489863.09, 3855877.25	0.24312	0.20725	0.25467	3.73E-03	1.51E-05	6.83E-03	0.010576	3.81E-03	1.48E-05	7.60E-03	1.14E-02	3.62E-03	1.89E-05	1.46E-02	1.82E-02
4198	490363.09, 3855877.25	0.22183	0.19619	0.23307	3.40E-03	1.43E-05	6.25E-03	0.009669	3.48E-03	1.41E-05	6.95E-03	1.04E-02	3.30E-03	1.78E-05	1.34E-02	1.67E-02
4199	490863.09, 3855877.25	0.19729	0.17895	0.2078	3.03E-03	1.30E-05	5.57E-03	0.008614	3.09E-03	1.28E-05	6.20E-03	9.31E-03	2.94E-03	1.63E-05	1.19E-02	1.49E-02
4200	491363.09, 3855877.25	0.16425	0.15084	0.17247	2.52E-03	1.10E-05	4.63E-03	0.007157	2.58E-03	1.08E-05	5.15E-03	7.73E-03	2.45E-03	1.37E-05	9.88E-03	1.23E-02
4201	491863.09, 3855877.25	0.16483	0.15447	0.17446	2.53E-03	1.12E-05	4.68E-03	0.00722	2.58E-03	1.11E-05	5.20E-03	7.80E-03	2.46E-03	1.41E-05	9.99E-03	1.25E-02
4202	492363.09, 3855877.25	0.14709	0.13938	0.15569	2.26E-03	1.01E-05	4.18E-03	0.006443	2.31E-03	9.99E-06	4.64E-03	6.96E-03	2.19E-03	1.27E-05	8.92E-03	1.11E-02
4203	492863.09, 3855877.25	0.13234	0.1262	0.14002	2.03E-03	9.19E-06	3.76E-03	0.005795	2.07E-03	9.04E-06	4.18E-03	6.26E-03	1.97E-03	1.15E-05	8.02E-03	1.00E-02
4204	493363.09, 3855877.25	0.10159	0.09651	0.10638	1.56E-03	7.03E-06	2.85E-03	0.004419	1.59E-03	6.92E-06	3.17E-03	4.77E-03	1.51E-03	8.78E-06	6.09E-03	7.62E-03
4205	493863.09, 3855877.25	0.07277	0.0689	0.07559	1.12E-03	5.02E-06	2.03E-03	0.003149	1.14E-03	4.94E-06	2.26E-03	3.40E-03	1.08E-03	6.27E-06	4.33E-03	5.42E-03
4206	494363.09, 3855877.25	0.05218	0.04942	0.05398	8.01E-04	3.60E-06	1.45E-03	0.002252	8.18E-04	3.54E-06	1.61E-03	2.43E-03	7.77E-04	4.50E-06	3.09E-03	3.87E-03
4207	494863.09, 3855877.25	0.03995	0.0379	0.04123	6.13E-04	2.76E-06	1.11E-03	0.001722	6.26E-04	2.72E-06	1.23E-03	1.86E-03	5.95E-04	3.45E-06	2.36E-03	2.96E-03
4208	495363.09, 3855877.25	0.0292	0.02768	0.03009	4.48E-04	2.01E-06	8.07E-04	0.001257	4.58E-04	1.98E-06	8.98E-04	1.36E-03	4.35E-04	2.52E-06	1.72E-03	2.16E-03
4209	495863.09, 3855877.25	0.02761	0.02623	0.02846	4.24E-04	1.91E-06	7.63E-04	0.001189	4.33E-04	1.88E-06	8.49E-04	1.28E-03	4.11E-04	2.39E-06	1.63E-03	2.04E-03
4210	496363.09, 3855877.25	0.02658	0.02527	0.02741	4.08E-04	1.84E-06	7.35E-04	0.001145	4.17E-04	1.81E-06	8.18E-04	1.24E-03	3.96E-04	2.30E-06	1.57E-03	1.97E-03

4211	496863.09, 3855877.25	0.02668	0.0254	0.02753	4.09E-04	1.85E-06	7.38E-04	0.00115	4.18E-04	1.82E-06	8.21E-04	1.24E-03	3.97E-04	2.31E-06	1.58E-03	1.98E-03
4212	497363.09, 3855877.25	0.02699	0.02575	0.02789	4.14E-04	1.87E-06	7.48E-04	0.001164	4.23E-04	1.85E-06	8.32E-04	1.26E-03	4.02E-04	2.34E-06	1.60E-03	2.00E-03
4213	497863.09, 3855877.25	0.02781	0.02657	0.02876	4.27E-04	1.93E-06	7.71E-04	0.0012	4.36E-04	1.90E-06	8.58E-04	1.30E-03	4.14E-04	2.42E-06	1.65E-03	2.06E-03
4214	498363.09, 3855877.25	0.03053	0.02932	0.03166	4.68E-04	2.13E-06	8.49E-04	0.00132	4.79E-04	2.10E-06	9.44E-04	1.43E-03	4.55E-04	2.67E-06	1.81E-03	2.27E-03
4215	471363.09, 3856377.25	0.00802	0.00865	0.00804	1.23E-04	6.30E-07	2.16E-04	0.000339	1.26E-04	6.20E-07	2.40E-04	3.66E-04	1.19E-04	7.87E-07	4.61E-04	5.81E-04
4216	471863.09, 3856377.25	0.00836	0.00897	0.00837	1.28E-04	6.53E-07	2.24E-04	0.000353	1.31E-04	6.43E-07	2.50E-04	3.81E-04	1.25E-04	8.16E-07	4.79E-04	6.05E-04
4217	472363.09, 3856377.25	0.00903	0.00966	0.00903	1.39E-04	7.03E-07	2.42E-04	0.000381	1.42E-04	6.92E-07	2.69E-04	4.12E-04	1.35E-04	8.79E-07	5.17E-04	6.53E-04
4218	472863.09, 3856377.25	0.00988	0.01056	0.00989	1.52E-04	7.69E-07	2.65E-04	0.000418	1.55E-04	7.57E-07	2.95E-04	4.51E-04	1.47E-04	9.61E-07	5.67E-04	7.15E-04
4219	473363.09, 3856377.25	0.01065	0.01131	0.01066	1.63E-04	8.23E-07	2.86E-04	0.00045	1.67E-04	8.10E-07	3.18E-04	4.86E-04	1.59E-04	1.03E-06	6.11E-04	7.70E-04
4220	473863.09, 3856377.25	0.01205	0.01281	0.01206	1.85E-04	9.32E-07	3.23E-04	0.000509	1.89E-04	9.18E-07	3.60E-04	5.50E-04	1.80E-04	1.17E-06	6.91E-04	8.72E-04
4221	474363.09, 3856377.25	0.01191	0.01234	0.01189	1.83E-04	8.98E-07	3.19E-04	0.000503	1.87E-04	8.84E-07	3.55E-04	5.42E-04	1.77E-04	1.12E-06	6.81E-04	8.60E-04
4222	474863.09, 3856377.25	0.0112	0.0112	0.01113	1.72E-04	8.15E-07	2.99E-04	0.000471	1.76E-04	8.03E-07	3.32E-04	5.08E-04	1.67E-04	1.02E-06	6.38E-04	8.05E-04
4223	475363.09, 3856377.25	0.00899	0.00864	0.0089	1.38E-04	6.29E-07	2.39E-04	0.000377	1.41E-04	6.19E-07	2.66E-04	4.07E-04	1.34E-04	7.86E-07	5.10E-04	6.45E-04
4224	475863.09, 3856377.25	0.00643	0.00602	0.00639	9.87E-05	4.38E-07	1.71E-04	0.00027	1.01E-04	4.31E-07	1.91E-04	2.92E-04	9.58E-05	5.48E-07	3.66E-04	4.62E-04
4225	476363.09, 3856377.25	0.00619	0.0058	0.00618	9.50E-05	4.22E-07	1.66E-04	0.000261	9.71E-05	4.16E-07	1.84E-04	2.82E-04	9.22E-05	5.28E-07	3.54E-04	4.47E-04
4226	476863.09, 3856377.25	0.00646	0.00609	0.00644	9.91E-05	4.43E-07	1.73E-04	0.000272	1.01E-04	4.36E-07	1.92E-04	2.94E-04	9.62E-05	5.54E-07	3.69E-04	4.66E-04
4227	477363.09, 3856377.25	0.00704	0.00667	0.007	1.08E-04	4.86E-07	1.88E-04	0.000296	1.10E-04	4.78E-07	2.09E-04	3.20E-04	1.05E-04	6.07E-07	4.01E-04	5.06E-04
4228	477863.09, 3856377.25	0.00602	0.00574	0.006	9.24E-05	4.18E-07	1.61E-04	0.000254	9.44E-05	4.11E-07	1.79E-04	2.74E-04	8.97E-05	5.22E-07	3.44E-04	4.34E-04
4229	478363.09, 3856377.25	0.00563	0.00536	0.00562	8.64E-05	3.90E-07	1.51E-04	0.000238	8.83E-05	3.84E-07	1.68E-04	2.56E-04	8.39E-05	4.88E-07	3.22E-04	4.06E-04
4230	478863.09, 3856377.25	0.01044	0.01008	0.01032	1.60E-04	7.34E-07	2.77E-04	0.000438	1.64E-04	7.22E-07	3.08E-04	4.72E-04	1.56E-04	9.17E-07	5.91E-04	7.48E-04
4231	479363.09, 3856377.25	0.01377	0.0134	0.01358	2.11E-04	9.75E-07	3.64E-04	0.000577	2.16E-04	9.60E-07	4.05E-04	6.22E-04	2.05E-04	1.22E-06	7.78E-04	9.84E-04
4232	479863.09, 3856377.25	0.02369	0.02357	0.02318	3.64E-04	1.72E-06	6.22E-04	0.000987	3.71E-04	1.69E-06	6.92E-04	1.06E-03	3.53E-04	2.14E-06	1.33E-03	1.68E-03
4233	480363.09, 3856377.25	0.03952	0.04247	0.0385	6.06E-04	3.09E-06	1.03E-03	0.001642	6.20E-04	3.04E-06	1.15E-03	1.77E-03	5.89E-04	3.86E-06	2.21E-03	2.80E-03
4234	480863.09, 3856377.25	0.05771	0.06627	0.0566	8.86E-04	4.82E-06	1.52E-03	0.002408	9.05E-04	4.75E-06	1.69E-03	2.60E-03	8.60E-04	6.03E-06	3.24E-03	4.11E-03
4235	481363.09, 3856377.25	0.0823	0.09865	0.0817	1.26E-03	7.18E-06	2.19E-03	0.003461	1.29E-03	7.07E-06	2.44E-03	3.73E-03	1.23E-03	8.97E-06	4.68E-03	5.92E-03
4236	481863.09, 3856377.25	0.11428	0.1326	0.11435	1.75E-03	9.65E-06	3.07E-03	0.00483	1.79E-03	9.50E-06	3.41E-03	5.21E-03	1.70E-03	1.21E-05	6.55E-03	8.27E-03
4237	482363.09, 3856377.25	0.14135	0.16225	0.1383	2.17E-03	1.18E-05	3.71E-03	0.00589	2.22E-03	1.16E-05	4.13E-03	6.35E-03	2.11E-03	1.48E-05	7.92E-03	1.00E-02
4238	482863.09, 3856377.25	0.18054	0.20357	0.17335	2.77E-03	1.48E-05	4.65E-03	0.007435	2.83E-03	1.46E-05	5.17E-03	8.02E-03	2.69E-03	1.85E-05	9.93E-03	1.26E-02
4239	483363.09, 3856377.25	0.23541	0.22688	0.22015	3.61E-03	1.65E-05	5.90E-03	0.009533	3.69E-03	1.63E-05	6.57E-03	1.03E-02	3.51E-03	2.06E-05	1.26E-02	1.61E-02
4240	483863.09, 3856377.25	0.32278	0.22031	0.29417	4.95E-03	1.60E-05	7.89E-03	0.012859	5.06E-03	1.58E-05	8.78E-03	1.39E-02	4.81E-03	2.00E-05	1.69E-02	2.17E-02
4241	484363.09, 3856377.25	0.48294	0.22617	0.42151	7.41E-03	1.65E-05	1.13E-02	0.018732	7.57E-03	1.62E-05	1.26E-02	2.02E-02	7.19E-03	2.06E-05	2.41E-02	3.14E-02
4242	484863.09, 3856377.25	1.07848	0.25634	0.82374	1.65E-02	1.87E-05	2.21E-02	0.038661	1.69E-02	1.84E-05	2.46E-02	4.15E-02	1.61E-02	2.33E-05	4.72E-02	6.33E-02
4243	485363.09, 3856377.25	3.56622	0.28076	3.3568	5.47E-02	2.04E-05	9.00E-02	0.144776	5.59E-02	2.01E-05	1.00E-01	1.56E-01	5.31E-02	2.55E-05	1.92E-01	2.45E-01
4244	485863.09, 3856377.25	1.93999	0.29463	2.18534	2.98E-02	2.14E-05	5.86E-02	0.088403	3.04E-02	2.11E-05	6.52E-02	9.56E-02	2.89E-02	2.68E-05	1.25E-01	1.54E-01
4245	486363.09, 3856377.25	0.88382	0.25015	0.94694	1.36E-02	1.82E-05	2.54E-02	0.038978	1.39E-02	1.79E-05	2.82E-02	4.21E-02	1.32E-02	2.28E-05	5.42E-02	6.74E-02
4246	486863.09, 3856377.25	0.68304	0.23417	0.71999	1.05E-02	1.70E-05	1.93E-02	0.029809	1.07E-02	1.68E-05	2.15E-02	3.22E-02	1.02E-02	2.13E-05	4.12E-02	5.14E-02
4247	487363.09, 3856377.25	0.5747	0.22787	0.60251	8.82E-03	1.66E-05	1.62E-02	0.024995	9.01E-03	1.63E-05	1.80E-02	2.70E-02	8.56E-03	2.07E-05	3.45E-02	4.31E-02
4248	487863.09, 3856377.25	0.49887	0.23922	0.52224	7.66E-03	1.74E-05	1.40E-02	0.021679	7.82E-03	1.71E-05	1.56E-02	2.34E-02	7.43E-03	2.18E-05	2.99E-02	3.74E-02
4249	488363.09, 3856377.25	0.43212	0.25389	0.45281	6.63E-03	1.85E-05	1.21E-02	0.018794	6.78E-03	1.82E-05	1.35E-02	2.03E-02	6.44E-03	2.31E-05	2.59E-02	3.24E-02
4250	488863.09, 3856377.25	0.37793	0.26744	0.39731	5.80E-03	1.95E-05	1.07E-02	0.016475	5.93E-03	1.92E-05	1.19E-02	1.78E-02	5.63E-03	2.43E-05	2.28E-02	2.84E-02
4251	489363.09, 3856377.25	0.33286	0.2644	0.35117	5.11E-03	1.92E-05	9.42E-03	0.014546	5.22E-03	1.89E-05	1.05E-02	1.57E-02	4.96E-03	2.41E-05	2.01E-02	2.51E-02
4252	489863.09, 3856377.25	0.29519	0.25276	0.31248	4.53E-03	1.84E-05	8.38E-03	0.012929	4.63E-03	1.81E-05	9.32E-03	1.40E-02	4.40E-03	2.30E-05	1.79E-02	2.23E-02
4253	490363.09, 3856377.25	0.26143	0.23436	0.27739	4.01E-03	1.71E-05	7.44E-03	0.011468	4.10E-03	1.68E-05	8.28E-03	1.24E-02	3.89E-03	2.13E-05	1.59E-02	1.98E-02
4254	490863.09, 3856377.25	0.23221	0.21377	0.24689	3.56E-03	1.56E-05	6.62E-03	0.010201	3.64E-03	1.53E-05	7.37E-03	1.10E-02	3.46E-03	1.94E-05	1.41E-02	1.76E-02
4255	491363.09, 3856377.25	0.20776	0.19411	0.22139	3.19E-03	1.41E-05	5.94E-03	0.00914	3.26E-03	1.39E-05	6.60E-03	9.88E-03	3.10E-03	1.77E-05	1.27E-02	1.58E-02
4256	491863.09, 3856377.25	0.1849	0.17409	0.19715	2.84E-03	1.27E-05	5.29E-03	0.008138	2.90E-03	1.25E-05	5.88E-03	8.79E-03	2.75E-03	1.58E-05	1.13E-02	1.41E-02
4257	492363.09, 3856377.25	0.16115	0.15237	0.17171	2.47E-03	1.11E-05	4.61E-03	0.007089	2.53E-03	1.09E-05	5.12E-03	7.66E-03	2.40E-03	1.39E-05	9.84E-03	1.23E-02
4258	492863.09, 3856377.25	0.12929	0.12204	0.13679	1.98E-03	8.88E-06	3.67E-03	0.005662	2.03E-03	8.74E-06	4.08E-03	6.12E-03	1.93E-03	1.11E-05	7.84E-03	9.77E-03
4259	493363.09, 3856377.25	0.0838	0.07817	0.08729	1.29E-03	5.69E-06	2.34E-03	0.003633	1.31E-03	5.60E-06	2.60E-03	3.92E-03	1.25E-03	7.11E-06	5.00E-03	6.26E-03
4260	493863.09, 3856377.25	0.06504	0.06048	0.06749	9.98E-04	4.40E-06	1.81E-03	0.002813	1.02E-03	4.33E-06	2.01E-03	3.04E-03	9.69E-04	5.50E-06	3.87E-03	4.84E-03
4261	494363.09, 3856377.25	0.04781	0.0441	0.04941	7.34E-04	3.21E-06	1.33E-03	0.002062	7.50E-04	3.16E-06	1.47E-03	2.23E-03	7.12E-04	4.01E-06	2.83E-03	3.55E-03
4262	494863.09, 3856377.25	0.03616	0.03305	0.03727	5.55E-04	2.41E-06	1.00E-03	0.001557	5.67E-04	2.37E-06	1.11E-03	1.68E-03	5.39E-04	3.01E-06	2.14E-03	2.68E-03
4263	495363.09, 3856377.25	0.02928	0.02668	0.03012	4.49E-04	1.94E-06	8.08E-04	0.001259	4.59E-04	1.91E-06	8.99E-04	1.36E-03	4.36E-04	2.43E-06	1.73E-03	2.16E-03
4264	495863.09, 3856377.25	0.02748	0.02503	0.02826	4.22E-04	1.82E-06	7.58E-04	0.001181	4.31E-04	1.79E-06	8.43E-04	1.28E-03	4.09E-04	2.28E-06	1.62E-03	2.03E-03
4265	496363.09, 3856377.25	0.02691	0.02457	0.02769	4.13E-04	1.79E-06	7.43E-04	0.001157	4.22E-04	1.76E-06	8.26E-04	1.25E-03	4.01E-04	2.23E-06	1.59E-03	1.99E-03
4266	496863.09, 3856377.25	0.02811	0.02575	0.02897	4.31E-04	1.87E-06	7.77E-04	0.00121	4.41E-04	1.85E-06	8.64E-04	1.31E-03	4.19E-04	2.34E-06	1.66E-03	2.08E-03
4267	497363.09, 3856377.25	0.02899	0.02672	0.02991	4.45E-04	1.95E-06	8.02E-04	0.001249	4.55E-04	1.91E-06	8.92E-04	1.35E-03	4.32E-04	2.43E-06	1.71E-03	2.15E-03
4268	497863.09, 3856377.25	0.03088	0.02868	0.03194	4.74E-04	2.09E-06	8.57E-04	0.001333	4.84E-04	2.05E-06	9.53E-04	1.44E-03	4.60E-04	2.61E-06	1.83E-03	2.29E-03
4269	498363.09, 3856377.25	0.03351	0.03139	0.03476	5.14E-04	2.28E-06	9.32E-04	0.001449	5.25E-04	2.25E-06	1.04E-03	1.56E-03	4.99E-04	2.86E-06	1.99E-03	2.49E-03
4270	471363.09, 3856877.25	0.00839	0.00881	0.00835	1.29E-04	6.41E-07	2.24E-04	0.000353	1.32E-04	6.31E-07	2.49E-04	3.81E-04	1.25E-04	8.01E-07	4.78E-04	6.04E-04
4271	471863.09, 3856877.25	0.00864	0.00895	0.00858	1.33E-04	6.51E-07	2.30E-04	0.000363	1.35E-04	6.41E-07	2.56E-04	3.92E-04	1.29E-04	8.14E-07	4.92E-04	6.21E-04
4272	472363.09, 3856877.25	0.00928	0.00956	0.00922	1.42E-04	6.96E-07	2.47E-04	0.00039	1.46E-04	6.85E-07	2.75E-04	4.21E-04	1.38E-04	8.70E-07	5.28E-04	6.67E-04
4273	472863.09, 3856877.25	0.00996	0.01022	0.0099	1.53E-04	7.44E-07	2.66E-04	0.000419	1.56E-04	7.32E-07	2.95E-04	4.52E-04	1.48E-04	9.30E-07	5.67E-04	7.16E-04
4274	473363.09, 3856877.25	0.01128	0.01161	0.01123	1.73E-04	8.45E-07	3.01E-04	0.000475	1.77E-04	8.32E-07	3.35E-04	5.13E-04	1.68E-04	1.06E-06	6.43E-04	8.12E-04
4275	473863.09, 3856877.25	0.01212	0.0124	0.01209	1.86E-04	9.03E-07	3.24E-04	0.000511	1.90E-04	8.88E-07	3.61E-04	5.52E-04	1.81E-04	1.13E-06	6.93E-04	8.74E-04
4276	474363.09, 3856877.25	0.01184	0.01191	0.0118	1.82E-04	8.67E-07	3.16E-04	0.000499	1.86E-04	8.53E-07	3.52E-04	5.39E-04	1.76E-04	1.08E-06	6.76E-04	8.53E-04
4277	474863.09, 3856877.25	0.01101	0.01086	0.01095	1.69E-04	7.91E-07	2.94E-04	0.000463	1.73E-04	7.78E-07	3.27E-04	5.00E-04	1.64E-04	9.88E-07	6.27E-04	7.92E-04
4278	475363.09, 3856877.25	0.00934	0.00909	0.00923	1.43E-04	6.62E-07	2.48E-04	0.000392	1.46E-04	6.51E-07	2.75E-04	4.22E-04	1.39E-04	8.27E-07	5.29E-04	6.69E-04
4279	475863.09, 3856877.25	0.00944	0.0092	0.0093	1.45E-04	6.70E-07	2.49E-04	0.000395	1.48E-04	6.59E-07	2.77E-04	4.26E-04	1.41E-04	8.37E-07	5.33E-04	6.74E-04
4280	476363.09, 3856877.25	0.00831	0.00809	0.00815	1.28E-04	5.89E-07	2.19E-04	0.000347	1.30E-04	5.80E-07	2.43E-04	3.74E-04	1.24E-04	7.36E-07	4.67E-04	5.91E-04
4281	476863.09, 3856877.25	0.00813	0.00793	0.00797	1.25E-04	5.77E-07	2.14E-04	0.000339	1.27E-04	5.68E-07	2.38E-04	3.66E-04	1.21E-04	7.21E-07	4.57E-04	5.78E-04
4282	477363.09, 3856877.25	0.00741	0.00722	0.00727	1.14E-04	5.26E-07	1.95E-04	0.000309	1.16E-04	5.17E-07	2.17E-04	3.34E-04	1.10E-04	6.57E-07	4.16E-04	5.28E-04
4283	477863.09, 3856877.25	0.00545	0.00509	0.00536	8.36E-05	3.71E-07	1.44E-04	0.000228	8.55E-05	3.65E-07	1.60E-04	2.46E-04	8.12E-05	4.63E-07	3.07E-04	3.89E-04
4284	478363.09, 3856877.25	0.00504	0.0045	0.00497	7.73E-05	3.28E-07	1.33E-04	0.000211	7.90E-05	3.22E-07	1.48E-04	2.28E-04	7.51E-05	4.09E-07	2.85E-04	3.60E-04
4285	478863.09, 3856877.25	0.00637	0.00575	0.00626	9.77E-05	4.19E-07	1.68E-04	0.000266	9.99E-05	4.12E-07	1.87E-04	2.87E-04	9.49E-05	5.23E-07	3.59E-04	4.54E-04
4286	479363.09, 3856877.25	0.00856	0.00796	0.0084	1.31E-04	5.79E-07	2.25E-04	0.000357	1.34E-04	5.70E-07	2.51E-04	3.85E-04	1.28E-04	7.24E-07	4.81E-04	6.09E-04
4287	479863.09, 3856877.25	0.0213	0.02102	0.02053	3.27E-04	1.53E-06	5.51E-04	0.000879	3.34E-04	1.51E-06	6.12E-04	9.48E-04	3.17E-04	1.91E-06	1.18E-03	1.50E-03
4288	480363.09, 3856877.25	0.03777	0.0396	0.03668	5.80E-04	2.88E-06	9.84E-04	0.001566	5.92E-04	2.84E-06	1.09E-03	1.69E-03	5.63E-04	3.60E-06	2.10E-03	2.67E-03
4289	480863.09, 3856877.25	0.05845	0.06208	0.05798	8.97E-04	4.52E-06	1.56E-03	0.002456	9.16E-04	4.45E-06	1.73E-03	2.65E-03	8.71E-04	5.65E-06	3.32E-03	4.20E-03
4290	481363.09, 3856877.25	0.07885	0.08035	0.07853	1.21E-03	5.85E-06	2.11E-03	0.003322	1.24E-03	5.76E-06	2.34E-03	3.58E-03	1.17E-03	7.31E-06	4.50E-03	5.68E-03
4291	481863.09, 3856877.25	0.09845	0.1013	0.09738	1.51E-03	7.37E-06	2.61E-03	0.00413	1.54E-03	7.26E-06	2.91E-03	4.46E-03	1.47E-03	9.21E-06	5.58E-03	7.05E-03
4292	482363.09, 3856877.25	0.12295	0.12789	0.1191	1.89E-03	9.31E-06	3.19E-03	0.00509	1.93E-03	9.16E-06	3.55E-03	5.49E-03	1.83E-03	1.16E-05	6.82E-03	8.67E-03
4293	482863.09, 3856877.25	0.14906	0.14544	0.14185	2.29E-03	1.06E-05	3.80E-03	0.006102	2.34E-03	1.04E-05	4.23E-03	6.58E-03	2.22E-03	1.32E-05	8.13E-03	1.04E-02
4294	483363.09, 3856877.25	0.18522	0.15281	0.17286	2.84E-03	1.11E-05	4.64E-03	0.00749	2.90E-03	1.09E-05	5.16E-03	8.07E-03	2.76E-03	1.39E-05	9.90E-03	1.27E-02
4295	483863.09, 3856877.25	0.23664	0.15349	0.21706	3.63E-03	1.12E-05	5.82E-03	0.009464	3.71E-03	1.10E-05	6.48E-03	1.02E-02	3.53E-03	1.40E-05	1.24E-02	1.60E-02
4296	484363.09, 3856877.25	0.31731	0.16932	0.28358	4.87E-03	1.23E-05	7.61E-03	0.012487	4.98E-03	1.21E-05	8.46E-03	1.34E-02	4.73E-03	1.54E-05	1.62E-02	2.10E-02
4297	484863.09, 3856877.25	0.45331	0.1879	0.39144	6.96E-03	1.37E-05	1.05E-02	0.017468	7.11E-03	1.35E-05	1.17E-02	1.88E-02	6.75E-03	1.71E-05	2.24E-02	2.92E-02
4298	485363.09, 3856877.25	0.88956	0.22577	0.70476	1.37E-02	1.64E-05	1.89E-02	0.032569	1.39E-02	1.62E-05	2.10E-02	3.50E-02	1.33E-02	2.05E-05	4.04E-02	5.36E-02
4299	485863.09, 3856877.25	3.45753	0.2894	2.94244	5.31E-02	2.11E-05	7.89E-02	0.131995	5.42E-02	2.07E-05	8.78E-02	1.42E-01	5.15E-02	2.63E-05	1.69E-01	2.20E-01
4300	486363.09, 3856877.25	1.88445	0.30858	1.9863	2.89E-02	2.25E-05	5.33E-02	0.082213	2.95E-02	2.21E-05	5.93E-02	8.88E-02	2.81E-02	2.81E-05	1.14E-01	1.42E-01
4301	486863.09, 3856877.25	1.10768	0.2797	1.18443	1.70E-02	2.04E-05	3.18E-02	0.048785	1.74E-02	2.00E-05	3.53E-02	5.27E-02	1.65E-02	2.54E-05	6.78E-02	8.44E-02
4302	487363.09, 3856877.25	0.83198	0.38098	0.89175	1.28E-02	2.77E-05	2.39E-02	0.036712	1.30E-02	2.73E-05	2.66E-02	3.97E-02	1.24E-02	3.47E-05	5.11E-02	6.35E-02
4303	487863.09, 3856877.25	0.66332	0.49501	0.70883	1.02E-02	3.60E-05	1.90E-02	0.029226	1.04E-02	3.55E-05	2.11E-02	3.16E-02	9.88E-03	4.50E-05	4.06E-02	5.05E-02
4304	488363.09, 3856877.25	0.54684	0.49932	0.58463	8.39E-03	3.63E-05	1.57E-02	0.024108	8.57E-03	3.58E-05	1.74E-02	2.61E-02	8.15E-03	4.54E-05	3.35E-02	4.17E-02
4305	488863.09, 3856877.25	0.45832	0.44168	0.4911	7.03E-03	3.22E-05	1.32E-02	0.020237	7.19E-03	3.16E-05	1.47E-02	2.19E-02	6.83E-03	4.02E-05	2.81E-02	3.50E-02
4306	489363.09, 3856877.25	0.3917	0.38051	0.42074	6.01E-03	2.77E-05	1.13E-02	0.017323	6.14E-03	2.73E-05	1.26E-02	1.87E-02	5.84E-03	3.46E-05	2.41E-02	3.00E-02
4307	489863.09, 3856877.25	0.33811	0.32399	0.36375	5.19E-03	2.36E-05	9.76E-03	0.014968	5.30E-03	2.32E-05	1.09E-02	1.62E-02	5.04E-03	2.95E-05	2.08E-02	2.59E-02
4308	490363.09, 3856877.25	0.29302	0.2773	0.31573	4.50E-03	2.02E-05	8.47E-03	0.012985	4.59E-03	1.99E-05	9.42E-03	1.40E-02	4.37E-03	2.52E-05	1.81E-02	2.25E-02

4309	490863.09, 3856877.25	0.25627	0.24064	0.27601	3.93E-03	1.75E-05	7.40E-03	0.011353	4.02E-03	1.72E-05	8.23E-03	1.23E-02	3.82E-03	2.19E-05	1.58E-02	1.97E-02
4310	491363.09, 3856877.25	0.22539	0.21115	0.24251	3.46E-03	1.54E-05	6.50E-03	0.009978	3.53E-03	1.51E-05	7.23E-03	1.08E-02	3.36E-03	1.92E-05	1.39E-02	1.73E-02
4311	491863.09, 3856877.25	0.19778	0.18555	0.21252	3.03E-03	1.35E-05	5.70E-03	0.008748	3.10E-03	1.33E-05	6.34E-03	9.45E-03	2.95E-03	1.69E-05	1.22E-02	1.51E-02
4312	492363.09, 3856877.25	0.15557	0.14597	0.16627	2.39E-03	1.06E-05	4.46E-03	0.006857	2.44E-03	1.05E-05	4.96E-03	7.41E-03	2.32E-03	1.33E-05	9.52E-03	1.19E-02
4313	492863.09, 3856877.25	0.12024	0.11182	0.12697	1.85E-03	8.14E-06	3.41E-03	0.005259	1.89E-03	8.01E-06	3.79E-03	5.68E-03	1.79E-03	1.02E-05	7.27E-03	9.07E-03
4314	493363.09, 3856877.25	0.08725	0.08033	0.09113	1.34E-03	5.85E-06	2.44E-03	0.003789	1.37E-03	5.76E-06	2.72E-03	4.09E-03	1.30E-03	7.31E-06	5.22E-03	6.53E-03
4315	493863.09, 3856877.25	0.05996	0.05477	0.06213	9.20E-04	3.99E-06	1.67E-03	0.00259	9.40E-04	3.92E-06	1.85E-03	2.80E-03	8.93E-04	4.98E-06	3.56E-03	4.46E-03
4316	494363.09, 3856877.25	0.04324	0.03919	0.0445	6.64E-04	2.85E-06	1.19E-03	0.00186	6.78E-04	2.81E-06	1.33E-03	2.01E-03	6.44E-04	3.56E-06	2.55E-03	3.20E-03
4317	494863.09, 3856877.25	0.03599	0.03263	0.03698	5.52E-04	2.38E-06	9.92E-04	0.001546	5.64E-04	2.34E-06	1.10E-03	1.67E-03	5.36E-04	2.97E-06	2.12E-03	2.66E-03
4318	495363.09, 3856877.25	0.03184	0.02895	0.03267	4.89E-04	2.11E-06	8.76E-04	0.001367	4.99E-04	2.07E-06	9.75E-04	1.48E-03	4.74E-04	2.63E-06	1.87E-03	2.35E-03
4319	495863.09, 3856877.25	0.03035	0.02774	0.03122	4.66E-04	2.02E-06	8.37E-04	0.001305	4.76E-04	1.99E-06	9.31E-04	1.41E-03	4.52E-04	2.52E-06	1.79E-03	2.24E-03
4320	496363.09, 3856877.25	0.02945	0.02704	0.03025	4.52E-04	1.97E-06	8.11E-04	0.001265	4.62E-04	1.94E-06	9.02E-04	1.37E-03	4.39E-04	2.46E-06	1.73E-03	2.17E-03
4321	496863.09, 3856877.25	0.02962	0.02734	0.03045	4.55E-04	1.99E-06	8.17E-04	0.001273	4.64E-04	1.96E-06	9.08E-04	1.37E-03	4.41E-04	2.49E-06	1.74E-03	2.19E-03
4322	497363.09, 3856877.25	0.03067	0.02848	0.03159	4.71E-04	2.07E-06	8.47E-04	0.00132	4.81E-04	2.04E-06	9.42E-04	1.43E-03	4.57E-04	2.59E-06	1.81E-03	2.27E-03
4323	497863.09, 3856877.25	0.03385	0.03169	0.03503	5.19E-04	2.31E-06	9.40E-04	0.001461	5.31E-04	2.27E-06	1.05E-03	1.58E-03	5.04E-04	2.88E-06	2.01E-03	2.51E-03
4324	498363.09, 3856877.25	0.03772	0.03552	0.03923	5.79E-04	2.59E-06	1.05E-03	0.001634	5.91E-04	2.55E-06	1.17E-03	1.76E-03	5.62E-04	3.23E-06	2.25E-03	2.81E-03
4325	471363.09, 3857377.25	0.0087	0.00877	0.00868	1.34E-04	6.38E-07	2.33E-04	0.000367	1.36E-04	6.28E-07	2.59E-04	3.96E-04	1.30E-04	7.98E-07	4.97E-04	6.28E-04
4326	471863.09, 3857377.25	0.00891	0.00893	0.0089	1.37E-04	6.50E-07	2.39E-04	0.000376	1.40E-04	6.40E-07	2.66E-04	4.06E-04	1.33E-04	8.12E-07	5.10E-04	6.43E-04
4327	472363.09, 3857377.25	0.00944	0.00944	0.00944	1.45E-04	6.87E-07	2.53E-04	0.000399	1.48E-04	6.76E-07	2.82E-04	4.30E-04	1.41E-04	8.59E-07	5.41E-04	6.82E-04
4328	472863.09, 3857377.25	0.01016	0.01017	0.01019	1.56E-04	7.40E-07	2.73E-04	0.00043	1.59E-04	7.29E-07	3.04E-04	4.64E-04	1.51E-04	9.25E-07	5.84E-04	7.36E-04
4329	473363.09, 3857377.25	0.01117	0.01124	0.01123	1.71E-04	8.18E-07	3.01E-04	0.000473	1.75E-04	8.05E-07	3.35E-04	5.11E-04	1.66E-04	1.02E-06	6.43E-04	8.11E-04
4330	473863.09, 3857377.25	0.01249	0.01269	0.01259	1.92E-04	9.24E-07	3.38E-04	0.00053	1.96E-04	9.09E-07	3.76E-04	5.72E-04	1.86E-04	1.15E-06	7.21E-04	9.08E-04
4331	474363.09, 3857377.25	0.01175	0.01193	0.01181	1.80E-04	8.68E-07	3.17E-04	0.000498	1.84E-04	8.55E-07	3.52E-04	5.37E-04	1.75E-04	1.09E-06	6.77E-04	8.53E-04
4332	474863.09, 3857377.25	0.00879	0.00876	0.00871	1.35E-04	6.38E-07	2.34E-04	0.000369	1.38E-04	6.28E-07	2.60E-04	3.98E-04	1.31E-04	7.97E-07	4.99E-04	6.31E-04
4333	475363.09, 3857377.25	0.00617	0.00608	0.00605	9.47E-05	4.43E-07	1.62E-04	0.000257	9.67E-05	4.36E-07	1.80E-04	2.78E-04	9.19E-05	5.53E-07	3.47E-04	4.39E-04
4334	475863.09, 3857377.25	0.00583	0.00573	0.00572	8.95E-05	4.17E-07	1.53E-04	0.000243	9.14E-05	4.11E-07	1.71E-04	2.62E-04	8.69E-05	5.21E-07	3.28E-04	4.15E-04
4335	476363.09, 3857377.25	0.00761	0.00752	0.00747	1.17E-04	5.47E-07	2.00E-04	0.000318	1.19E-04	5.39E-07	2.23E-04	3.43E-04	1.13E-04	6.84E-07	4.28E-04	5.42E-04
4336	476863.09, 3857377.25	0.0083	0.0082	0.00817	1.27E-04	5.97E-07	2.19E-04	0.000347	1.30E-04	5.88E-07	2.44E-04	3.74E-04	1.24E-04	7.46E-07	4.68E-04	5.92E-04
4337	477363.09, 3857377.25	0.00735	0.00697	0.0072	1.13E-04	5.07E-07	1.93E-04	0.000306	1.15E-04	4.99E-07	2.15E-04	3.31E-04	1.09E-04	6.34E-07	4.12E-04	5.23E-04
4338	477863.09, 3857377.25	0.00581	0.00532	0.00565	8.92E-05	3.87E-07	1.52E-04	0.000241	9.11E-05	3.81E-07	1.69E-04	2.60E-04	8.66E-05	4.84E-07	3.24E-04	4.11E-04
4339	478363.09, 3857377.25	0.00472	0.00428	0.0046	7.24E-05	3.12E-07	1.23E-04	0.000196	7.40E-05	3.07E-07	1.37E-04	2.12E-04	7.03E-05	3.89E-07	2.64E-04	3.34E-04
4340	478863.09, 3857377.25	0.00422	0.00385	0.00411	6.48E-05	2.80E-07	1.10E-04	0.000175	6.62E-05	2.76E-07	1.23E-04	1.89E-04	6.29E-05	3.50E-07	2.35E-04	2.99E-04
4341	479363.09, 3857377.25	0.00657	0.00628	0.00632	1.01E-04	4.57E-07	1.70E-04	0.000271	1.03E-04	4.50E-07	1.89E-04	2.92E-04	9.79E-05	5.71E-07	3.62E-04	4.60E-04
4342	479863.09, 3857377.25	0.01718	0.01721	0.01644	2.64E-04	1.25E-06	4.41E-04	0.000706	2.69E-04	1.23E-06	4.90E-04	7.61E-04	2.56E-04	1.57E-06	9.42E-04	1.20E-03
4343	480363.09, 3857377.25	0.01451	0.01393	0.01383	2.23E-04	1.01E-06	3.71E-04	0.000595	2.28E-04	9.98E-07	4.13E-04	6.41E-04	2.16E-04	1.27E-06	7.92E-04	1.01E-03
4344	480863.09, 3857377.25	0.05446	0.0539	0.05428	8.36E-04	3.92E-06	1.46E-03	0.002295	8.54E-04	3.86E-06	1.62E-03	2.48E-03	8.11E-04	4.90E-06	3.11E-03	3.93E-03
4345	481363.09, 3857377.25	0.06162	0.06091	0.06165	9.46E-04	4.43E-06	1.65E-03	0.002603	9.66E-04	4.36E-06	1.84E-03	2.81E-03	9.18E-04	5.54E-06	3.53E-03	4.46E-03
4346	481863.09, 3857377.25	0.08158	0.08182	0.08089	1.25E-03	5.96E-06	2.17E-03	0.003427	1.28E-03	5.86E-06	2.41E-03	3.70E-03	1.22E-03	7.44E-06	4.63E-03	5.86E-03
4347	482363.09, 3857377.25	0.10624	0.10262	0.10277	1.63E-03	7.47E-06	2.76E-03	0.004394	1.67E-03	7.35E-06	3.07E-03	4.74E-03	1.58E-03	9.33E-06	5.89E-03	7.48E-03
4348	482863.09, 3857377.25	0.12449	0.10913	0.11806	1.91E-03	7.94E-06	3.17E-03	0.005085	1.95E-03	7.82E-06	3.52E-03	5.48E-03	1.85E-03	9.93E-06	6.76E-03	8.63E-03
4349	483363.09, 3857377.25	0.14816	0.11388	0.13828	2.27E-03	8.29E-06	3.71E-03	0.005991	2.32E-03	8.16E-06	4.13E-03	6.46E-03	2.21E-03	1.04E-05	7.92E-03	1.01E-02
4350	483863.09, 3857377.25	0.18082	0.11595	0.16688	2.77E-03	8.44E-06	4.48E-03	0.007259	2.84E-03	8.31E-06	4.98E-03	7.82E-03	2.69E-03	1.05E-05	9.56E-03	1.23E-02
4351	484363.09, 3857377.25	0.2249	0.13115	0.20422	3.45E-03	9.55E-06	5.48E-03	0.008938	3.53E-03	9.40E-06	6.09E-03	9.63E-03	3.35E-03	1.19E-05	1.17E-02	1.51E-02
4352	484863.09, 3857377.25	0.29218	0.15472	0.26091	4.48E-03	1.13E-05	7.00E-03	0.011493	4.58E-03	1.11E-05	7.78E-03	1.24E-02	4.35E-03	1.41E-05	1.49E-02	1.93E-02
4353	485363.09, 3857377.25	0.40575	0.2051	0.35489	6.23E-03	1.49E-05	9.52E-03	0.01576	6.36E-03	1.47E-05	1.06E-02	1.70E-02	6.04E-03	1.87E-05	2.03E-02	2.64E-02
4354	485863.09, 3857377.25	0.66921	0.32755	0.57148	1.03E-02	2.38E-05	1.53E-02	0.02562	1.05E-02	2.35E-05	1.70E-02	2.76E-02	9.97E-03	2.98E-05	3.27E-02	4.27E-02
4355	486363.09, 3857377.25	3.0405	1.12641	2.63461	4.67E-02	8.20E-05	7.07E-02	0.117401	4.77E-02	8.07E-05	7.86E-02	1.26E-01	4.53E-02	1.02E-04	1.51E-01	1.96E-01
4356	486863.09, 3857377.25	2.90509	11.02452	2.96418	4.46E-02	8.02E-04	7.95E-02	0.124882	4.55E-02	7.90E-04	8.84E-02	1.35E-01	4.33E-02	1.00E-03	1.70E-01	2.14E-01
4357	487363.09, 3857377.25	1.30123	3.80694	1.4848	2.00E-02	2.77E-04	3.98E-02	0.060068	2.04E-02	2.73E-04	4.43E-02	6.50E-02	1.94E-02	3.46E-04	8.51E-02	1.05E-01
4358	487863.09, 3857377.25	0.88149	1.63896	0.99951	1.35E-02	1.19E-04	2.68E-02	0.040453	1.38E-02	1.17E-04	2.98E-02	4.38E-02	1.31E-02	1.49E-04	5.73E-02	7.05E-02
4359	488363.09, 3857377.25	0.66762	0.92685	0.7432	1.02E-02	6.75E-05	1.99E-02	0.030245	1.05E-02	6.64E-05	2.22E-02	3.27E-02	9.95E-03	8.43E-05	4.26E-02	5.26E-02
4360	488863.09, 3857377.25	0.5315	0.61671	0.58636	8.16E-03	4.49E-05	1.57E-02	0.023927	8.33E-03	4.42E-05	1.75E-02	2.59E-02	7.92E-03	5.61E-05	3.36E-02	4.16E-02
4361	489363.09, 3857377.25	0.43666	0.45315	0.48027	6.70E-03	3.30E-05	1.29E-02	0.019615	6.85E-03	3.25E-05	1.43E-02	2.12E-02	6.50E-03	4.12E-05	2.75E-02	3.41E-02
4362	489863.09, 3857377.25	0.36518	0.35349	0.4016	5.60E-03	2.57E-05	1.08E-02	0.016401	5.73E-03	2.53E-05	1.20E-02	1.77E-02	5.44E-03	3.22E-05	2.30E-02	2.85E-02
4363	490363.09, 3857377.25	0.30992	0.28773	0.33888	4.76E-03	2.09E-05	9.09E-03	0.013866	4.86E-03	2.06E-05	1.01E-02	1.50E-02	4.62E-03	2.62E-05	1.94E-02	2.41E-02
4364	490863.09, 3857377.25	0.26676	0.24104	0.2901	4.09E-03	1.75E-05	7.78E-03	0.011892	4.18E-03	1.73E-05	8.65E-03	1.29E-02	3.97E-03	2.19E-05	1.66E-02	2.06E-02
4365	491363.09, 3857377.25	0.2322	0.2064	0.25119	3.56E-03	1.50E-05	6.74E-03	0.010315	3.64E-03	1.48E-05	7.49E-03	1.11E-02	3.46E-03	1.88E-05	1.44E-02	1.79E-02
4366	491863.09, 3857377.25	0.19808	0.17526	0.21408	3.04E-03	1.28E-05	5.74E-03	0.008794	3.11E-03	1.26E-05	6.39E-03	9.50E-03	2.95E-03	1.59E-05	1.23E-02	1.52E-02
4367	492363.09, 3857377.25	0.14453	0.12762	0.15498	2.22E-03	9.29E-06	4.16E-03	0.006384	2.27E-03	9.14E-06	4.62E-03	6.90E-03	2.15E-03	1.16E-05	8.88E-03	1.10E-02
4368	492863.09, 3857377.25	0.09981	0.08718	0.1049	1.53E-03	6.35E-06	2.81E-03	0.004351	1.56E-03	6.25E-06	3.13E-03	4.70E-03	1.49E-03	7.93E-06	6.01E-03	7.50E-03
4369	493363.09, 3857377.25	0.06877	0.06009	0.07134	1.06E-03	4.37E-06	1.91E-03	0.002973	1.08E-03	4.31E-06	2.13E-03	3.21E-03	1.02E-03	5.47E-06	4.09E-03	5.12E-03
4370	493863.09, 3857377.25	0.05636	0.04961	0.05813	8.65E-04	3.61E-06	1.56E-03	0.002428	8.84E-04	3.55E-06	1.73E-03	2.62E-03	8.40E-04	4.51E-06	3.33E-03	4.17E-03
4371	494363.09, 3857377.25	0.0456	0.04041	0.04679	7.00E-04	2.94E-06	1.25E-03	0.001958	7.15E-04	2.90E-06	1.40E-03	2.11E-03	6.79E-04	3.68E-06	2.68E-03	3.36E-03
4372	494863.09, 3857377.25	0.04024	0.03593	0.04121	6.17E-04	2.62E-06	1.11E-03	0.001725	6.31E-04	2.57E-06	1.23E-03	1.86E-03	5.99E-04	3.27E-06	2.36E-03	2.96E-03
4373	495363.09, 3857377.25	0.03608	0.03246	0.03692	5.54E-04	2.36E-06	9.90E-04	0.001546	5.66E-04	2.33E-06	1.10E-03	1.67E-03	5.37E-04	2.95E-06	2.11E-03	2.66E-03
4374	495863.09, 3857377.25	0.03437	0.03113	0.03519	5.27E-04	2.27E-06	9.44E-04	0.001473	5.39E-04	2.23E-06	1.05E-03	1.59E-03	5.12E-04	2.83E-06	2.02E-03	2.53E-03
4375	496363.09, 3857377.25	0.03332	0.03037	0.03416	5.11E-04	2.21E-06	9.16E-04	0.00143	5.22E-04	2.18E-06	1.02E-03	1.54E-03	4.96E-04	2.76E-06	1.96E-03	2.46E-03
4376	496863.09, 3857377.25	0.03283	0.03009	0.03373	5.04E-04	2.19E-06	9.05E-04	0.001411	5.15E-04	2.16E-06	1.01E-03	1.52E-03	4.89E-04	2.74E-06	1.93E-03	2.42E-03
4377	497363.09, 3857377.25	0.03382	0.03128	0.03488	5.19E-04	2.28E-06	9.35E-04	0.001457	5.30E-04	2.24E-06	1.04E-03	1.57E-03	5.04E-04	2.85E-06	2.00E-03	2.50E-03
4378	497863.09, 3857377.25	0.03603	0.03357	0.0373	5.53E-04	2.44E-06	1.00E-03	0.001556	5.65E-04	2.41E-06	1.11E-03	1.68E-03	5.37E-04	3.05E-06	2.14E-03	2.68E-03
4379	498363.09, 3857377.25	0.0428	0.04028	0.04468	6.57E-04	2.93E-06	1.20E-03	0.001858	6.71E-04	2.89E-06	1.33E-03	2.01E-03	6.38E-04	3.66E-06	2.56E-03	3.20E-03
4380	471363.09, 3857877.25	0.00875	0.00827	0.00877	1.34E-04	6.02E-07	2.35E-04	0.00037	1.37E-04	5.93E-07	2.62E-04	3.99E-04	1.30E-04	7.52E-07	5.02E-04	6.33E-04
4381	471863.09, 3857877.25	0.00908	0.00864	0.00912	1.39E-04	6.29E-07	2.45E-04	0.000385	1.42E-04	6.19E-07	2.72E-04	4.15E-04	1.35E-04	7.86E-07	5.22E-04	6.58E-04
4382	472363.09, 3857877.25	0.00965	0.00928	0.0097	1.48E-04	6.76E-07	2.60E-04	0.000409	1.51E-04	6.65E-07	2.89E-04	4.41E-04	1.44E-04	8.44E-07	5.56E-04	7.00E-04
4383	472863.09, 3857877.25	0.01065	0.01043	0.01072	1.63E-04	7.59E-07	2.88E-04	0.000452	1.67E-04	7.47E-07	3.20E-04	4.88E-04	1.59E-04	9.49E-07	6.14E-04	7.74E-04
4384	473363.09, 3857877.25	0.01138	0.01138	0.01144	1.75E-04	8.28E-07	3.07E-04	0.000482	1.78E-04	8.15E-07	3.41E-04	5.21E-04	1.70E-04	1.04E-06	6.55E-04	8.26E-04
4385	473863.09, 3857877.25	0.01253	0.0129	0.01257	1.92E-04	9.39E-07	3.37E-04	0.00053	1.96E-04	9.24E-07	3.75E-04	5.72E-04	1.87E-04	1.17E-06	7.20E-04	9.08E-04
4386	474363.09, 3857877.25	0.01142	0.01169	0.01137	1.75E-04	8.51E-07	3.05E-04	0.000481	1.79E-04	8.38E-07	3.39E-04	5.19E-04	1.70E-04	1.06E-06	6.51E-04	8.23E-04
4387	474863.09, 3857877.25	0.00816	0.00798	0.00801	1.25E-04	5.81E-07	2.15E-04	0.000341	1.28E-04	5.72E-07	2.39E-04	3.67E-04	1.22E-04	7.26E-07	4.59E-04	5.81E-04
4388	475363.09, 3857877.25	0.0047	0.00445	0.0046	7.21E-05	3.24E-07	1.23E-04	0.000196	7.37E-05	3.19E-07	1.37E-04	2.11E-04	7.00E-05	4.05E-07	2.64E-04	3.34E-04
4389	475863.09, 3857877.25	0.00244	0.00212	0.00237	3.74E-05	1.54E-07	6.36E-05	0.000101	3.83E-05	1.52E-07	7.07E-05	1.09E-04	3.63E-05	1.93E-07	1.36E-04	1.72E-04
4390	476363.09, 3857877.25	0.00542	0.005	0.00531	8.32E-05	3.64E-07	1.42E-04	0.000226	8.50E-05	3.58E-07	1.58E-04	2.44E-04	8.07E-05	4.55E-07	3.04E-04	3.85E-04
4391	476863.09, 3857877.25	0.00684	0.00631	0.00667	1.05E-04	4.59E-07	1.79E-04	0.000284	1.07E-04	4.52E-07	1.99E-04	3.07E-04	1.02E-04	5.74E-07	3.82E-04	4.85E-04
4392	477363.09, 3857877.25	0.00676	0.00636	0.00655	1.04E-04	4.63E-07	1.76E-04	0.00028	1.06E-04	4.56E-07	1.95E-04	3.02E-04	1.01E-04	5.79E-07	3.75E-04	4.76E-04
4393	477863.09, 3857877.25	0.00665	0.00645	0.00644	1.02E-04	4.70E-07	1.73E-04	0.000275	1.04E-04	4.62E-07	1.92E-04	2.97E-04	9.91E-05	5.87E-07	3.69E-04	4.69E-04
4394	478363.09, 3857877.25	0.00399	0.00372	0.00381	6.12E-05	2.71E-07	1.02E-04	0.000164	6.26E-05	2.67E-07	1.14E-04	1.76E-04	5.94E-05	3.38E-07	2.18E-04	2.78E-04
4395	478863.09, 3857877.25	0.00343	0.00311	0.00323	5.26E-05	2.26E-07	8.66E-05	0.000139	5.38E-05	2.23E-07	9.64E-05	1.50E-04	5.11E-05	2.83E-07	1.85E-04	2.36E-04
4396	479363.09, 3857877.25	0.01554	0.01494	0.01488	2.38E-04	1.09E-06	3.99E-04	0.000639	2.44E-04	1.07E-06	4.44E-04	6.89E-04	2.32E-04	1.36E-06	8.52E-04	1.09E-03
4397	479863.09, 3857877.25	0.03316	0.03195	0.03296	5.09E-04	2.33E-06	8.84E-04	0.001395	5.20E-04	2.29E-06	9.83E-04	1.51E-03	4.94E-04	2.91E-06	1.89E-03	2.38E-03
4398	480363.09, 3857877.25	0.04368	0.04183	0.04374	6.70E-04	3.04E-06	1.17E-03	0.001846	6.85E-04	3.00E-06	1.30E-03	1.99E-03	6.51E-04	3.80E-06	2.51E-03	3.16E-03
4399	480863.09, 3857877.25	0.0502	0.04813	0.05038	7.70E-04	3.50E-06	1.35E-03	0.002125	7.87E-04	3.45E-06	1.50E-03	2.29E-03	7.48E-04	4.38E-06	2.89E-03	3.64E-03
4400	481363.09, 3857877.25	0.05813	0.05689	0.05839	8.92E-04	4.14E-06	1.57E-03	0.002462	9.11E-04	4.08E-06	1.74E-03	2.66E-03	8.66E-04	5.17E-06	3.34E-03	4.22E-03
4401	481863.09, 3857877.25	0.07027	0.06941	0.06987	1.08E-03	5.05E-06	1.87E-03	0.002957	1.10E-03	4.97E-06	2.08E-03	3.19E-03	1.05E-03	6.31E-06	4.00E-03	5.06E-03
4402	482363.09, 3857877.25	0.08932	0.08227	0.08704	1.37E-03	5.99E-06	2.33E-03	0.003711	1.40E-03	5.89E-06	2.60E-03	4.00E-03	1.33E-03	7.48E-06	4.99E-03	6.32E-03
4403	482863.09, 3857877.25	0.10406	0.08643	0.09851	1.60E-03	6.29E-06	2.64E-03	0.004245	1.63E-03	6.19E-06	2.94E-03	4.58E-03	1.55E-03	7.86E-06	5.64E-03	7.20E-03
4404	483363.09, 3857877.25	0.12033	0.09139	0.11242	1.85E-03	6.65E-06	3.02E-03	0.004868	1.89E-03	6.55E-06	3.35E-03	5.25E-03	1.79E-03	8.31E-06	6.44E-03	8.24E-03
4405	483863.09, 3857877.25	0.14139	0.09424	0.13094	2.17E-03	6.86E-06	3.51E-03	0.005688	2.22E-03	6.75E-06	3.91E-03	6.13E-03	2.11E-03	8.57E-06	7.50E-03	9.62E-03
4406	484363.09, 3857877.25	0.16792	0.10684	0.15403	2.58E-03	7.78E-06	4.13E-03	0.006716	2.63E-03	7.66E-06	4.60E-03	7.24E-03	2.50E-03	9.72E-06	8.82E-03	1.13E-02

4407	484863.09, 3857877.25	0.2047	0.13009	0.1859	3.14E-03	9.47E-06	4.99E-03	0.008137	3.21E-03	9.32E-06	5.55E-03	8.76E-03	3.05E-03	1.18E-05	1.06E-02	1.37E-02
4408	485363.09, 3857877.25	0.25717	0.17303	0.23136	3.95E-03	1.26E-05	6.21E-03	0.010164	4.03E-03	1.24E-05	6.90E-03	1.09E-02	3.83E-03	1.57E-05	1.33E-02	1.71E-02
4409	485863.09, 3857877.25	0.34279	0.25703	0.30529	5.26E-03	1.87E-05	8.19E-03	0.013467	5.37E-03	1.84E-05	9.11E-03	1.45E-02	5.11E-03	2.34E-05	1.75E-02	2.26E-02
4410	486363.09, 3857877.25	0.50919	0.42348	0.45237	7.81E-03	3.08E-05	1.21E-02	0.019977	7.98E-03	3.03E-05	1.35E-02	2.15E-02	7.59E-03	3.85E-05	2.59E-02	3.35E-02
4411	486863.09, 3857877.25	1.12529	0.59786	1.01402	1.73E-02	4.35E-05	2.72E-02	0.044508	1.76E-02	4.28E-05	3.03E-02	4.79E-02	1.68E-02	5.44E-05	5.81E-02	7.49E-02
4412	487363.09, 3857877.25	3.49459	0.77991	2.99983	5.36E-02	5.68E-05	8.05E-02	0.134139	5.48E-02	5.59E-05	8.95E-02	1.44E-01	5.21E-02	7.09E-05	1.72E-01	2.24E-01
4413	487863.09, 3857877.25	1.26002	0.74494	1.49425	1.93E-02	5.42E-05	4.01E-02	0.059466	1.98E-02	5.34E-05	4.46E-02	6.44E-02	1.88E-02	6.78E-05	8.56E-02	1.04E-01
4414	488363.09, 3857877.25	0.79148	0.571	0.90381	1.21E-02	4.16E-05	2.42E-02	0.036428	1.24E-02	4.09E-05	2.70E-02	3.94E-02	1.18E-02	5.19E-05	5.18E-02	6.36E-02
4415	488863.09, 3857877.25	0.58037	0.44406	0.64731	8.91E-03	3.23E-05	1.74E-02	0.026299	9.10E-03	3.18E-05	1.93E-02	2.84E-02	8.65E-03	4.04E-05	3.71E-02	4.58E-02
4416	489363.09, 3857877.25	0.45032	0.35909	0.50219	6.91E-03	2.61E-05	1.35E-02	0.020405	7.06E-03	2.57E-05	1.50E-02	2.21E-02	6.71E-03	3.27E-05	2.88E-02	3.55E-02
4417	489863.09, 3857877.25	0.36325	0.29451	0.40145	5.57E-03	2.14E-05	1.08E-02	0.016363	5.70E-03	2.11E-05	1.20E-02	1.77E-02	5.41E-03	2.68E-05	2.30E-02	2.84E-02
4418	490363.09, 3857877.25	0.30333	0.24527	0.32988	4.65E-03	1.79E-05	8.85E-03	0.01352	4.76E-03	1.76E-05	9.84E-03	1.46E-02	4.52E-03	2.23E-05	1.89E-02	2.34E-02
4419	490863.09, 3857877.25	0.25818	0.20886	0.27738	3.96E-03	1.52E-05	7.44E-03	0.011416	4.05E-03	1.50E-05	8.27E-03	1.23E-02	3.85E-03	1.90E-05	1.59E-02	1.98E-02
4420	491363.09, 3857877.25	0.21687	0.17786	0.23343	3.33E-03	1.29E-05	6.26E-03	0.009602	3.40E-03	1.27E-05	6.96E-03	1.04E-02	3.23E-03	1.62E-05	1.34E-02	1.66E-02
4421	491863.09, 3857877.25	0.17583	0.1467	0.18988	2.70E-03	1.07E-05	5.09E-03	0.007801	2.76E-03	1.05E-05	5.66E-03	8.43E-03	2.62E-03	1.33E-05	1.09E-02	1.35E-02
4422	492363.09, 3857877.25	0.12043	0.10042	0.12775	1.85E-03	7.31E-06	3.43E-03	0.005282	1.89E-03	7.20E-06	3.81E-03	5.71E-03	1.79E-03	9.13E-06	7.32E-03	9.12E-03
4423	492863.09, 3857877.25	0.08187	0.06747	0.08516	1.26E-03	4.91E-06	2.28E-03	0.003545	1.28E-03	4.83E-06	2.54E-03	3.83E-03	1.22E-03	6.14E-06	4.88E-03	6.10E-03
4424	493363.09, 3857877.25	0.06643	0.05469	0.06865	1.02E-03	3.98E-06	1.84E-03	0.002865	1.04E-03	3.92E-06	2.05E-03	3.09E-03	9.90E-04	4.97E-06	3.93E-03	4.93E-03
4425	493863.09, 3857877.25	0.05806	0.04795	0.05982	8.91E-04	3.49E-06	1.60E-03	0.002499	9.10E-04	3.44E-06	1.78E-03	2.70E-03	8.65E-04	4.36E-06	3.43E-03	4.30E-03
4426	494363.09, 3857877.25	0.05205	0.04331	0.05354	7.99E-04	3.15E-06	1.44E-03	0.002238	8.16E-04	3.10E-06	1.60E-03	2.42E-03	7.75E-04	3.94E-06	3.07E-03	3.85E-03
4427	494863.09, 3857877.25	0.04416	0.03705	0.04524	6.78E-04	2.70E-06	1.21E-03	0.001894	6.92E-04	2.65E-06	1.35E-03	2.04E-03	6.58E-04	3.37E-06	2.59E-03	3.25E-03
4428	495363.09, 3857877.25	0.04089	0.03479	0.04188	6.27E-04	2.53E-06	1.12E-03	0.001753	6.41E-04	2.49E-06	1.25E-03	1.89E-03	6.09E-04	3.16E-06	2.40E-03	3.01E-03
4429	495863.09, 3857877.25	0.0381	0.0329	0.03903	5.85E-04	2.39E-06	1.05E-03	0.001634	5.97E-04	2.36E-06	1.16E-03	1.76E-03	5.68E-04	2.99E-06	2.24E-03	2.81E-03
4430	496363.09, 3857877.25	0.03752	0.03295	0.03852	5.76E-04	2.40E-06	1.03E-03	0.001611	5.88E-04	2.36E-06	1.15E-03	1.74E-03	5.59E-04	3.00E-06	2.21E-03	2.77E-03
4431	496863.09, 3857877.25	0.03711	0.03307	0.03816	5.69E-04	2.41E-06	1.02E-03	0.001595	5.82E-04	2.37E-06	1.14E-03	1.72E-03	5.53E-04	3.01E-06	2.19E-03	2.74E-03
4432	497363.09, 3857877.25	0.03612	0.03255	0.03722	5.54E-04	2.37E-06	9.98E-04	0.001555	5.66E-04	2.33E-06	1.11E-03	1.68E-03	5.38E-04	2.96E-06	2.13E-03	2.67E-03
4433	497863.09, 3857877.25	0.04026	0.03679	0.04174	6.18E-04	2.68E-06	1.12E-03	0.00174	6.31E-04	2.64E-06	1.25E-03	1.88E-03	6.00E-04	3.35E-06	2.39E-03	2.99E-03
4434	498363.09, 3857877.25	0.04441	0.04098	0.04632	6.81E-04	2.98E-06	1.24E-03	0.001927	6.96E-04	2.94E-06	1.38E-03	2.08E-03	6.62E-04	3.73E-06	2.65E-03	3.32E-03
4435	471363.09, 3858377.25	0.00916	0.0093	0.00916	1.41E-04	6.77E-07	2.46E-04	0.000387	1.44E-04	6.66E-07	2.73E-04	4.18E-04	1.36E-04	8.46E-07	5.25E-04	6.62E-04
4436	471863.09, 3858377.25	0.00955	0.00988	0.00954	1.47E-04	7.19E-07	2.56E-04	0.000403	1.50E-04	7.08E-07	2.85E-04	4.35E-04	1.42E-04	8.99E-07	5.46E-04	6.90E-04
4437	472363.09, 3858377.25	0.00998	0.01055	0.00995	1.53E-04	7.68E-07	2.67E-04	0.000421	1.56E-04	7.56E-07	2.97E-04	4.54E-04	1.49E-04	9.60E-07	5.70E-04	7.20E-04
4438	472863.09, 3858377.25	0.01081	0.01171	0.01075	1.66E-04	8.52E-07	2.88E-04	0.000455	1.69E-04	8.39E-07	3.21E-04	4.91E-04	1.61E-04	1.07E-06	6.16E-04	7.78E-04
4439	473363.09, 3858377.25	0.01238	0.01379	0.01231	1.90E-04	1.00E-06	3.30E-04	0.000521	1.94E-04	9.88E-07	3.67E-04	5.62E-04	1.84E-04	1.25E-06	7.05E-04	8.91E-04
4440	473863.09, 3858377.25	0.01253	0.0139	0.01245	1.92E-04	1.01E-06	3.34E-04	0.000527	1.96E-04	9.96E-07	3.71E-04	5.69E-04	1.87E-04	1.26E-06	7.13E-04	9.01E-04
4441	474363.09, 3858377.25	0.01094	0.01157	0.0108	1.68E-04	8.42E-07	2.90E-04	0.000458	1.72E-04	8.29E-07	3.22E-04	4.95E-04	1.63E-04	1.05E-06	6.19E-04	7.83E-04
4442	474863.09, 3858377.25	0.00849	0.00833	0.00828	1.30E-04	6.06E-07	2.22E-04	0.000353	1.33E-04	5.97E-07	2.47E-04	3.81E-04	1.26E-04	7.58E-07	4.74E-04	6.02E-04
4443	475363.09, 3858377.25	0.00565	0.00523	0.00547	8.67E-05	3.81E-07	1.47E-04	0.000234	8.86E-05	3.75E-07	1.63E-04	2.52E-04	8.42E-05	4.76E-07	3.13E-04	3.98E-04
4444	475863.09, 3858377.25	0.00422	0.00384	0.00406	6.48E-05	2.80E-07	1.09E-04	0.000174	6.62E-05	2.75E-07	1.21E-04	1.88E-04	6.29E-05	3.49E-07	2.33E-04	2.96E-04
4445	476363.09, 3858377.25	0.00464	0.00431	0.00445	7.12E-05	3.14E-07	1.19E-04	0.000191	7.28E-05	3.09E-07	1.33E-04	2.06E-04	6.91E-05	3.92E-07	2.55E-04	3.24E-04
4446	476863.09, 3858377.25	0.00521	0.005	0.00499	7.99E-05	3.64E-07	1.34E-04	0.000214	8.17E-05	3.58E-07	1.49E-04	2.31E-04	7.76E-05	4.55E-07	2.86E-04	3.64E-04
4447	477363.09, 3858377.25	0.00498	0.00479	0.00476	7.64E-05	3.49E-07	1.28E-04	0.000204	7.81E-05	3.43E-07	1.42E-04	2.20E-04	7.42E-05	4.36E-07	2.73E-04	3.47E-04
4448	477863.09, 3858377.25	0.00666	0.00654	0.00639	1.02E-04	4.76E-07	1.71E-04	0.000274	1.04E-04	4.69E-07	1.91E-04	2.96E-04	9.92E-05	5.95E-07	3.66E-04	4.66E-04
4449	478363.09, 3858377.25	0.00727	0.007	0.00693	1.12E-04	5.10E-07	1.86E-04	0.000298	1.14E-04	5.02E-07	2.07E-04	3.21E-04	1.08E-04	6.37E-07	3.97E-04	5.06E-04
4450	478863.09, 3858377.25	0.00515	0.00478	0.00483	7.90E-05	3.48E-07	1.30E-04	0.000209	8.07E-05	3.42E-07	1.44E-04	2.25E-04	7.67E-05	4.35E-07	2.77E-04	3.54E-04
4451	479363.09, 3858377.25	0.0163	0.0159	0.01568	2.50E-04	1.16E-06	4.21E-04	0.000672	2.56E-04	1.14E-06	4.68E-04	7.24E-04	2.43E-04	1.45E-06	8.98E-04	1.14E-03
4452	479863.09, 3858377.25	0.03413	0.03302	0.03421	5.24E-04	2.40E-06	9.18E-04	0.001444	5.35E-04	2.37E-06	1.02E-03	1.56E-03	5.08E-04	3.00E-06	1.96E-03	2.47E-03
4453	480363.09, 3858377.25	0.04279	0.04091	0.04278	6.57E-04	2.98E-06	1.15E-03	0.001807	6.71E-04	2.93E-06	1.28E-03	1.95E-03	6.37E-04	3.72E-06	2.45E-03	3.09E-03
4454	480863.09, 3858377.25	0.04801	0.04642	0.04812	7.37E-04	3.38E-06	1.29E-03	0.002031	7.53E-04	3.33E-06	1.44E-03	2.19E-03	7.15E-04	4.22E-06	2.76E-03	3.48E-03
4455	481363.09, 3858377.25	0.0551	0.05349	0.05482	8.46E-04	3.89E-06	1.47E-03	0.00232	8.64E-04	3.83E-06	1.64E-03	2.50E-03	8.21E-04	4.87E-06	3.14E-03	3.97E-03
4456	481863.09, 3858377.25	0.06208	0.05896	0.0617	9.53E-04	4.29E-06	1.65E-03	0.002612	9.73E-04	4.22E-06	1.84E-03	2.82E-03	9.25E-04	5.36E-06	3.53E-03	4.46E-03
4457	482363.09, 3858377.25	0.07234	0.0635	0.07148	1.11E-03	4.62E-06	1.92E-03	0.003032	1.13E-03	4.55E-06	2.13E-03	3.27E-03	1.08E-03	5.78E-06	4.09E-03	5.18E-03
4458	482863.09, 3858377.25	0.08857	0.07261	0.08589	1.36E-03	5.29E-06	2.30E-03	0.003668	1.39E-03	5.20E-06	2.56E-03	3.96E-03	1.32E-03	6.60E-06	4.92E-03	6.25E-03
4459	483363.09, 3858377.25	0.10046	0.07712	0.09436	1.54E-03	5.61E-06	2.53E-03	0.004078	1.58E-03	5.53E-06	2.81E-03	4.40E-03	1.50E-03	7.01E-06	5.41E-03	6.91E-03
4460	483863.09, 3858377.25	0.11239	0.08074	0.10434	1.72E-03	5.88E-06	2.80E-03	0.004529	1.76E-03	5.79E-06	3.11E-03	4.88E-03	1.67E-03	7.34E-06	5.98E-03	7.66E-03
4461	484363.09, 3858377.25	0.12982	0.09405	0.11993	1.99E-03	6.85E-06	3.22E-03	0.005216	2.04E-03	6.74E-06	3.58E-03	5.62E-03	1.93E-03	8.55E-06	6.87E-03	8.81E-03
4462	484863.09, 3858377.25	0.15073	0.11358	0.1382	2.31E-03	8.27E-06	3.71E-03	0.006028	2.36E-03	8.14E-06	4.12E-03	6.49E-03	2.25E-03	1.03E-05	7.92E-03	1.02E-02
4463	485363.09, 3858377.25	0.17533	0.12482	0.15983	2.69E-03	9.09E-06	4.29E-03	0.006986	2.75E-03	8.94E-06	4.77E-03	7.53E-03	2.61E-03	1.14E-05	9.16E-03	1.18E-02
4464	485863.09, 3858377.25	0.2108	0.15408	0.19049	3.23E-03	1.12E-05	5.11E-03	0.008355	3.31E-03	1.10E-05	5.68E-03	9.00E-03	3.14E-03	1.40E-05	1.09E-02	1.41E-02
4465	486363.09, 3858377.25	0.2605	0.19776	0.23287	4.00E-03	1.44E-05	6.25E-03	0.010257	4.08E-03	1.42E-05	6.95E-03	1.10E-02	3.88E-03	1.80E-05	1.33E-02	1.72E-02
4466	486863.09, 3858377.25	0.33302	0.19211	0.29447	5.11E-03	1.40E-05	7.90E-03	0.013022	5.22E-03	1.38E-05	8.78E-03	1.40E-02	4.96E-03	1.75E-05	1.69E-02	2.18E-02
4467	487363.09, 3858377.25	0.48527	0.20534	0.42579	7.45E-03	1.49E-05	1.14E-02	0.018881	7.61E-03	1.47E-05	1.27E-02	2.03E-02	7.23E-03	1.87E-05	2.44E-02	3.16E-02
4468	487863.09, 3858377.25	1.29633	0.22607	1.49693	1.99E-02	1.65E-05	4.01E-02	0.060057	2.03E-02	1.62E-05	4.47E-02	6.50E-02	1.93E-02	2.06E-05	8.58E-02	1.05E-01
4469	488363.09, 3858377.25	0.88168	0.23059	0.95065	1.35E-02	1.68E-05	2.55E-02	0.039043	1.38E-02	1.65E-05	2.84E-02	4.22E-02	1.31E-02	2.10E-05	5.45E-02	6.76E-02
4470	488863.09, 3858377.25	0.54313	0.23201	0.54061	8.33E-03	1.69E-05	1.45E-02	0.022851	8.52E-03	1.66E-05	1.61E-02	2.47E-02	8.09E-03	2.11E-05	3.10E-02	3.91E-02
4471	489363.09, 3858377.25	0.40526	0.21623	0.4033	6.22E-03	1.57E-05	1.08E-02	0.017051	6.35E-03	1.55E-05	1.20E-02	1.84E-02	6.04E-03	1.97E-05	2.31E-02	2.92E-02
4472	489863.09, 3858377.25	0.32463	0.20011	0.32423	4.98E-03	1.46E-05	8.70E-03	0.013692	5.09E-03	1.43E-05	9.67E-03	1.48E-02	4.84E-03	1.82E-05	1.86E-02	2.34E-02
4473	490363.09, 3858377.25	0.26824	0.18378	0.27121	4.12E-03	1.34E-05	7.27E-03	0.011404	4.21E-03	1.32E-05	8.09E-03	1.23E-02	4.00E-03	1.67E-05	1.55E-02	1.95E-02
4474	490863.09, 3858377.25	0.22718	0.16651	0.23229	3.49E-03	1.21E-05	6.23E-03	0.009728	3.56E-03	1.19E-05	6.93E-03	1.05E-02	3.38E-03	1.51E-05	1.33E-02	1.67E-02
4475	491363.09, 3858377.25	0.18929	0.14696	0.1971	2.90E-03	1.07E-05	5.29E-03	0.008202	2.97E-03	1.05E-05	5.88E-03	8.86E-03	2.82E-03	1.34E-05	1.13E-02	1.41E-02
4476	491863.09, 3858377.25	0.1395	0.11375	0.1478	2.14E-03	8.28E-06	3.96E-03	0.006113	2.19E-03	8.15E-06	4.41E-03	6.60E-03	2.08E-03	1.03E-05	8.47E-03	1.06E-02
4477	492363.09, 3858377.25	0.08935	0.07205	0.09235	1.37E-03	5.24E-06	2.48E-03	0.003853	1.40E-03	5.16E-06	2.76E-03	4.16E-03	1.33E-03	6.55E-06	5.29E-03	6.63E-03
4478	492863.09, 3858377.25	0.09078	0.07428	0.09453	1.39E-03	5.41E-06	2.54E-03	0.003934	1.42E-03	5.32E-06	2.82E-03	4.25E-03	1.35E-03	6.76E-06	5.42E-03	6.77E-03
4479	493363.09, 3858377.25	0.07556	0.06189	0.07816	1.16E-03	4.51E-06	2.10E-03	0.00326	1.18E-03	4.43E-06	2.33E-03	3.52E-03	1.13E-03	5.63E-06	4.48E-03	5.61E-03
4480	493863.09, 3858377.25	0.06711	0.05533	0.06925	1.03E-03	4.03E-06	1.86E-03	0.002891	1.05E-03	3.96E-06	2.07E-03	3.12E-03	1.00E-03	5.03E-06	3.97E-03	4.97E-03
4481	494363.09, 3858377.25	0.0585	0.04836	0.06025	8.98E-04	3.52E-06	1.62E-03	0.002517	9.17E-04	3.47E-06	1.80E-03	2.72E-03	8.71E-04	4.40E-06	3.45E-03	4.33E-03
4482	494863.09, 3858377.25	0.05174	0.04285	0.05321	7.94E-04	3.12E-06	1.43E-03	0.002224	8.11E-04	3.07E-06	1.59E-03	2.40E-03	7.71E-04	3.90E-06	3.05E-03	3.82E-03
4483	495363.09, 3858377.25	0.04485	0.03713	0.04599	6.88E-04	2.70E-06	1.23E-03	0.001924	7.03E-04	2.66E-06	1.37E-03	2.08E-03	6.68E-04	3.38E-06	2.63E-03	3.31E-03
4484	495863.09, 3858377.25	0.04289	0.03575	0.04404	6.58E-04	2.60E-06	1.18E-03	0.001842	6.72E-04	2.56E-06	1.31E-03	1.99E-03	6.39E-04	3.25E-06	2.52E-03	3.17E-03
4485	496363.09, 3858377.25	0.04074	0.03429	0.04186	6.25E-04	2.50E-06	1.12E-03	0.00175	6.39E-04	2.46E-06	1.25E-03	1.89E-03	6.07E-04	3.12E-06	2.40E-03	3.01E-03
4486	496863.09, 3858377.25	0.04162	0.03557	0.0429	6.39E-04	2.59E-06	1.15E-03	0.001792	6.53E-04	2.55E-06	1.28E-03	1.93E-03	6.20E-04	3.24E-06	2.46E-03	3.08E-03
4487	497363.09, 3858377.25	0.04091	0.03556	0.04226	6.28E-04	2.59E-06	1.13E-03	0.001764	6.41E-04	2.55E-06	1.26E-03	1.90E-03	6.09E-04	3.23E-06	2.42E-03	3.03E-03
4488	497863.09, 3858377.25	0.04418	0.03927	0.04584	6.78E-04	2.86E-06	1.23E-03	0.00191	6.93E-04	2.81E-06	1.37E-03	2.06E-03	6.58E-04	3.57E-06	2.63E-03	3.29E-03
4489	498363.09, 3858377.25	0.04871	0.04434	0.05088	7.47E-04	3.23E-06	1.36E-03	0.002115	7.64E-04	3.18E-06	1.52E-03	2.28E-03	7.26E-04	4.03E-06	2.91E-03	3.64E-03
4490	471363.09, 3858877.25	0.00942	0.0105	0.0094	1.45E-04	7.64E-07	2.52E-04	0.000397	1.48E-04	7.52E-07	2.80E-04	4.29E-04	1.40E-04	9.55E-07	5.38E-04	6.80E-04
4491	471863.09, 3858877.25	0.00977	0.01102	0.00972	1.50E-04	8.02E-07	2.61E-04	0.000411	1.53E-04	7.90E-07	2.90E-04	4.44E-04	1.46E-04	1.00E-06	5.57E-04	7.03E-04
4492	472363.09, 3858877.25	0.01064	0.0121	0.01058	1.63E-04	8.81E-07	2.84E-04	0.000448	1.67E-04	8.67E-07	3.16E-04	4.83E-04	1.59E-04	1.10E-06	6.06E-04	7.66E-04
4493	472863.09, 3858877.25	0.01144	0.01292	0.0114	1.76E-04	9.40E-07	3.06E-04	0.000482	1.79E-04	9.26E-07	3.40E-04	5.20E-04	1.70E-04	1.18E-06	6.53E-04	8.25E-04
4494	473363.09, 3858877.25	0.01271	0.01419	0.01274	1.95E-04	1.03E-06	3.42E-04	0.000538	1.99E-04	1.02E-06	3.80E-04	5.80E-04	1.89E-04	1.29E-06	7.30E-04	9.20E-04
4495	473863.09, 3858877.25	0.01299	0.01403	0.01307	1.99E-04	1.02E-06	3.51E-04	0.000551	2.04E-04	1.01E-06	3.90E-04	5.95E-04	1.94E-04	1.28E-06	7.49E-04	9.44E-04
4496	474363.09, 3858877.25	0.01183	0.01212	0.01181	1.82E-04	8.82E-07	3.17E-04	0.000499	1.85E-04	8.68E-07	3.52E-04	5.39E-04	1.76E-04	1.10E-06	6.77E-04	8.54E-04
4497	474863.09, 3858877.25	0.00543	0.00506	0.00525	8.33E-05	3.68E-07	1.41E-04	0.000225	8.51E-05	3.63E-07	1.57E-04	2.42E-04	8.09E-05	4.60E-07	3.01E-04	3.82E-04
4498	475363.09, 3858877.25	0.00411	0.00382	0.00393	6.31E-05	2.78E-07	1.05E-04	0.000169	6.44E-05	2.74E-07	1.17E-04	1.82E-04	6.12E-05	3.47E-07	2.25E-04	2.87E-04
4499	475863.09, 3858877.25	0.00474	0.00457	0.00456	7.27E-05	3.33E-07	1.22E-04	0.000195	7.43E-05	3.27E-07	1.36E-04	2.11E-04	7.06E-05	4.16E-07	2.61E-04	3.32E-04
4500	476363.09, 3858877.25	0.00313	0.00289	0.00296	4.80E-05	2.10E-07	7.94E-05	0.000128	4.91E-05	2.07E-07	8.83E-05	1.38E-04	4.66E-05	2.63E-07	1.70E-04	2.16E-04
4501	476863.09, 3858877.25	0.00395	0.00376	0.00376	6.06E-05	2.74E-07	1.01E-04	0.000162	6.19E-05	2.69E-07	1.12E-04	1.74E-04	5.88E-05	3.42E-07	2.15E-04	2.75E-04
4502	477363.09, 3858877.25	0.0041	0.00383	0.00388	6.29E-05	2.79E-07	1.04E-04	0.000167	6.43E-05	2.74E-07	1.16E-04	1.80E-04	6.11E-05	3.48E-07	2.22E-04	2.84E-04
4503	477863.09, 3858877.25	0.00513	0.00482	0.00484	7.87E-05	3.51E-07	1.30E-04	0.000209	8.04E-05	3.45E-07	1.44E-04	2.25E-04	7.64E-05	4.38E-07	2.77E-04	3.54E-04
4504	478363.09, 3858877.25	0.01064	0.01018	0.01024	1.63E-04	7.41E-07	2.75E-04	0.000439	1.67E-04	7.29E-07	3.05E-04	4.73E-04	1.59E-04	9.26E-07	5.87E-04	7.46E-04

4505	478863.09, 3858877.25	0.009	0.00836	0.00854	1.38E-04	6.09E-07	2.29E-04	0.000368	1.41E-04	5.99E-07	2.55E-04	3.96E-04	1.34E-04	7.60E-07	4.89E-04	6.24E-04
4506	479363.09, 3858877.25	0.00737	0.00632	0.00695	1.13E-04	4.60E-07	1.86E-04	0.0003	1.16E-04	4.53E-07	2.07E-04	3.23E-04	1.10E-04	5.75E-07	3.98E-04	5.08E-04
4507	479863.09, 3858877.25	0.03431	0.03149	0.03452	5.26E-04	2.29E-06	9.26E-04	0.001455	5.38E-04	2.26E-06	1.03E-03	1.57E-03	5.11E-04	2.86E-06	1.98E-03	2.49E-03
4508	480363.09, 3858877.25	0.04039	0.03772	0.04041	6.20E-04	2.75E-06	1.08E-03	0.001706	6.33E-04	2.70E-06	1.21E-03	1.84E-03	6.02E-04	3.43E-06	2.31E-03	2.92E-03
4509	480863.09, 3858877.25	0.04588	0.04321	0.04566	7.04E-04	3.15E-06	1.22E-03	0.001932	7.19E-04	3.10E-06	1.36E-03	2.08E-03	6.83E-04	3.93E-06	2.62E-03	3.30E-03
4510	481363.09, 3858877.25	0.05131	0.0487	0.05066	7.87E-04	3.54E-06	1.36E-03	0.00215	8.04E-04	3.49E-06	1.51E-03	2.32E-03	7.64E-04	4.43E-06	2.90E-03	3.67E-03
4511	481863.09, 3858877.25	0.05772	0.05395	0.05694	8.86E-04	3.93E-06	1.53E-03	0.002417	9.05E-04	3.87E-06	1.70E-03	2.61E-03	8.60E-04	4.91E-06	3.26E-03	4.13E-03
4512	482363.09, 3858877.25	0.06362	0.05655	0.06275	9.76E-04	4.12E-06	1.68E-03	0.002663	9.98E-04	4.05E-06	1.87E-03	2.87E-03	9.48E-04	5.14E-06	3.59E-03	4.55E-03
4513	482863.09, 3858877.25	0.07214	0.0635	0.07078	1.11E-03	4.62E-06	1.90E-03	0.00301	1.13E-03	4.55E-06	2.11E-03	3.25E-03	1.07E-03	5.78E-06	4.05E-03	5.14E-03
4514	483363.09, 3858877.25	0.08325	0.06809	0.07831	1.28E-03	4.96E-06	2.10E-03	0.003383	1.31E-03	4.88E-06	2.34E-03	3.65E-03	1.24E-03	6.19E-06	4.49E-03	5.73E-03
4515	483863.09, 3858877.25	0.09107	0.07057	0.08474	1.40E-03	5.14E-06	2.27E-03	0.003675	1.43E-03	5.06E-06	2.53E-03	3.96E-03	1.36E-03	6.42E-06	4.85E-03	6.22E-03
4516	484363.09, 3858877.25	0.10161	0.07316	0.09423	1.56E-03	5.33E-06	2.53E-03	0.004092	1.59E-03	5.24E-06	2.81E-03	4.41E-03	1.51E-03	6.65E-06	5.40E-03	6.92E-03
4517	484863.09, 3858877.25	0.11382	0.08053	0.10483	1.75E-03	5.86E-06	2.81E-03	0.004564	1.78E-03	5.77E-06	3.13E-03	4.92E-03	1.70E-03	7.33E-06	6.01E-03	7.71E-03
4518	485363.09, 3858877.25	0.12715	0.09041	0.11633	1.95E-03	6.58E-06	3.12E-03	0.005078	1.99E-03	6.48E-06	3.47E-03	5.47E-03	1.89E-03	8.22E-06	6.66E-03	8.57E-03
4519	485863.09, 3858877.25	0.14342	0.1092	0.13104	2.20E-03	7.95E-06	3.51E-03	0.005723	2.25E-03	7.82E-06	3.91E-03	6.17E-03	2.14E-03	9.93E-06	7.51E-03	9.65E-03
4520	486363.09, 3858877.25	0.16021	0.11663	0.14496	2.46E-03	8.49E-06	3.89E-03	0.006355	2.51E-03	8.36E-06	4.32E-03	6.84E-03	2.39E-03	1.06E-05	8.30E-03	1.07E-02
4521	486863.09, 3858877.25	0.18081	0.11042	0.16153	2.77E-03	8.04E-06	4.33E-03	0.007115	2.83E-03	7.91E-06	4.82E-03	7.66E-03	2.69E-03	1.00E-05	9.25E-03	1.20E-02
4522	487363.09, 3858877.25	0.21177	0.11696	0.18469	3.25E-03	8.51E-06	4.95E-03	0.008212	3.32E-03	8.38E-06	5.51E-03	8.84E-03	3.15E-03	1.06E-05	1.06E-02	1.37E-02
4523	487863.09, 3858877.25	0.24415	0.12408	0.20056	3.75E-03	9.03E-06	5.38E-03	0.009135	3.83E-03	8.89E-06	5.98E-03	9.82E-03	3.64E-03	1.13E-05	1.15E-02	1.51E-02
4524	488363.09, 3858877.25	0.31974	0.12855	0.21347	4.91E-03	9.36E-06	5.73E-03	0.010641	5.01E-03	9.21E-06	6.37E-03	1.14E-02	4.76E-03	1.17E-05	1.22E-02	1.70E-02
4525	488863.09, 3858877.25	1.13497	0.12412	0.2191	1.74E-02	9.03E-06	5.88E-03	0.023302	1.78E-02	8.89E-06	6.54E-03	2.43E-02	1.69E-02	1.13E-05	1.26E-02	2.95E-02
4526	489363.09, 3858877.25	0.32224	0.12977	0.21915	4.94E-03	9.45E-06	5.88E-03	0.010832	5.05E-03	9.30E-06	6.54E-03	1.16E-02	4.80E-03	1.18E-05	1.26E-02	1.74E-02
4527	489863.09, 3858877.25	0.24296	0.12995	0.20563	3.73E-03	9.46E-06	5.52E-03	0.009253	3.81E-03	9.31E-06	6.13E-03	9.95E-03	3.62E-03	1.18E-05	1.18E-02	1.54E-02
4528	490363.09, 3858877.25	0.20302	0.12563	0.19015	3.12E-03	9.14E-06	5.10E-03	0.008224	3.18E-03	9.00E-06	5.67E-03	8.86E-03	3.02E-03	1.14E-05	1.09E-02	1.39E-02
4529	490863.09, 3858877.25	0.1689	0.11721	0.16866	2.59E-03	8.53E-06	4.52E-03	0.007124	2.65E-03	8.40E-06	5.03E-03	7.69E-03	2.52E-03	1.07E-05	9.66E-03	1.22E-02
4530	491363.09, 3858877.25	0.13007	0.09955	0.13552	2.00E-03	7.25E-06	3.63E-03	0.005638	2.04E-03	7.13E-06	4.04E-03	6.09E-03	1.94E-03	9.06E-06	7.76E-03	9.71E-03
4531	491863.09, 3858877.25	0.09233	0.07163	0.09525	1.42E-03	5.21E-06	2.55E-03	0.003977	1.45E-03	5.13E-06	2.84E-03	4.29E-03	1.38E-03	6.52E-06	5.46E-03	6.84E-03
4532	492363.09, 3858877.25	0.09933	0.07918	0.1039	1.52E-03	5.76E-06	2.79E-03	0.004317	1.56E-03	5.67E-06	3.10E-03	4.66E-03	1.48E-03	7.20E-06	5.95E-03	7.44E-03
4533	492863.09, 3858877.25	0.10442	0.08512	0.10907	1.60E-03	6.20E-06	2.93E-03	0.004534	1.64E-03	6.10E-06	3.25E-03	4.90E-03	1.56E-03	7.74E-06	6.25E-03	7.81E-03
4534	493363.09, 3858877.25	0.09184	0.07684	0.09617	1.41E-03	5.59E-06	2.58E-03	0.003994	1.44E-03	5.51E-06	2.87E-03	4.31E-03	1.37E-03	6.99E-06	5.51E-03	6.88E-03
4535	493863.09, 3858877.25	0.07405	0.06217	0.07699	1.14E-03	4.53E-06	2.06E-03	0.003206	1.16E-03	4.45E-06	2.30E-03	3.46E-03	1.10E-03	5.66E-06	4.41E-03	5.52E-03
4536	494363.09, 3858877.25	0.06675	0.05633	0.06935	1.02E-03	4.10E-06	1.86E-03	0.002888	1.05E-03	4.04E-06	2.07E-03	3.12E-03	9.94E-04	5.12E-06	3.97E-03	4.97E-03
4537	494863.09, 3858877.25	0.05902	0.05013	0.06107	9.06E-04	3.65E-06	1.64E-03	0.002547	9.25E-04	3.59E-06	1.82E-03	2.75E-03	8.79E-04	4.56E-06	3.50E-03	4.38E-03
4538	495363.09, 3858877.25	0.05219	0.04461	0.05387	8.01E-04	3.25E-06	1.44E-03	0.002249	8.18E-04	3.20E-06	1.61E-03	2.43E-03	7.77E-04	4.06E-06	3.09E-03	3.87E-03
4539	495863.09, 3858877.25	0.04853	0.04167	0.05007	7.45E-04	3.03E-06	1.34E-03	0.002091	7.61E-04	2.99E-06	1.49E-03	2.26E-03	7.23E-04	3.79E-06	2.87E-03	3.59E-03
4540	496363.09, 3858877.25	0.04692	0.04039	0.0485	7.20E-04	2.94E-06	1.30E-03	0.002024	7.36E-04	2.89E-06	1.45E-03	2.19E-03	6.99E-04	3.67E-06	2.78E-03	3.48E-03
4541	496863.09, 3858877.25	0.04551	0.03919	0.04717	6.98E-04	2.85E-06	1.27E-03	0.001966	7.14E-04	2.81E-06	1.41E-03	2.12E-03	6.78E-04	3.56E-06	2.70E-03	3.38E-03
4542	497363.09, 3858877.25	0.04404	0.03789	0.04571	6.76E-04	2.76E-06	1.23E-03	0.001905	6.91E-04	2.71E-06	1.36E-03	2.06E-03	6.56E-04	3.45E-06	2.62E-03	3.28E-03
4543	497863.09, 3858877.25	0.048	0.04158	0.0501	7.37E-04	3.03E-06	1.34E-03	0.002083	7.53E-04	2.98E-06	1.49E-03	2.25E-03	7.15E-04	3.78E-06	2.87E-03	3.59E-03
4544	498363.09, 3858877.25	0.05131	0.0449	0.05376	7.87E-04	3.27E-06	1.44E-03	0.002232	8.04E-04	3.22E-06	1.60E-03	2.41E-03	7.64E-04	4.08E-06	3.08E-03	3.85E-03
4545	471363.09, 3859377.25	0.00963	0.01085	0.00961	1.48E-04	7.90E-07	2.58E-04	0.000406	1.51E-04	7.77E-07	2.87E-04	4.38E-04	1.43E-04	9.87E-07	5.51E-04	6.95E-04
4546	471863.09, 3859377.25	0.01016	0.01123	0.01017	1.56E-04	8.17E-07	2.73E-04	0.000429	1.59E-04	8.05E-07	3.03E-04	4.63E-04	1.51E-04	1.02E-06	5.83E-04	7.35E-04
4547	472363.09, 3859377.25	0.01103	0.01193	0.01111	1.69E-04	8.68E-07	2.98E-04	0.000468	1.73E-04	8.55E-07	3.31E-04	5.05E-04	1.64E-04	1.09E-06	6.36E-04	8.02E-04
4548	472863.09, 3859377.25	0.01183	0.01248	0.01196	1.82E-04	9.08E-07	3.21E-04	0.000503	1.85E-04	8.94E-07	3.57E-04	5.43E-04	1.76E-04	1.14E-06	6.85E-04	8.62E-04
4549	473363.09, 3859377.25	0.01285	0.01346	0.013	1.97E-04	9.80E-07	3.49E-04	0.000547	2.01E-04	9.64E-07	3.88E-04	5.90E-04	1.91E-04	1.22E-06	7.45E-04	9.37E-04
4550	473863.09, 3859377.25	0.01352	0.01437	0.01364	2.07E-04	1.05E-06	3.66E-04	0.000574	2.12E-04	1.03E-06	4.07E-04	6.20E-04	2.01E-04	1.31E-06	7.81E-04	9.84E-04
4551	474363.09, 3859377.25	0.01211	0.01292	0.0121	1.86E-04	9.40E-07	3.25E-04	0.000511	1.90E-04	9.26E-07	3.61E-04	5.52E-04	1.80E-04	1.18E-06	6.93E-04	8.75E-04
4552	474863.09, 3859377.25	0.00861	0.00895	0.00843	1.32E-04	6.51E-07	2.26E-04	0.000359	1.35E-04	6.41E-07	2.51E-04	3.87E-04	1.28E-04	8.14E-07	4.83E-04	6.12E-04
4553	475363.09, 3859377.25	0.00554	0.00558	0.00533	8.50E-05	4.06E-07	1.43E-04	0.000228	8.69E-05	4.00E-07	1.59E-04	2.46E-04	8.25E-05	5.08E-07	3.05E-04	3.88E-04
4554	475863.09, 3859377.25	0.00369	0.00351	0.00352	5.66E-05	2.55E-07	9.44E-05	0.000151	5.79E-05	2.51E-07	1.05E-04	1.63E-04	5.50E-05	3.19E-07	2.02E-04	2.57E-04
4555	476363.09, 3859377.25	0.00338	0.00314	0.0032	5.19E-05	2.29E-07	8.58E-05	0.000138	5.30E-05	2.25E-07	9.55E-05	1.49E-04	5.04E-05	2.86E-07	1.83E-04	2.34E-04
4556	476863.09, 3859377.25	0.00283	0.00258	0.00263	4.34E-05	1.88E-07	7.05E-05	0.000114	4.44E-05	1.85E-07	7.85E-05	1.23E-04	4.22E-05	2.35E-07	1.51E-04	1.93E-04
4557	477363.09, 3859377.25	0.00311	0.00283	0.00285	4.77E-05	2.06E-07	7.64E-05	0.000124	4.88E-05	2.03E-07	8.50E-05	1.34E-04	4.63E-05	2.57E-07	1.63E-04	2.10E-04
4558	477863.09, 3859377.25	0.00564	0.00533	0.00532	8.65E-05	3.88E-07	1.43E-04	0.00023	8.84E-05	3.82E-07	1.59E-04	2.48E-04	8.40E-05	4.85E-07	3.05E-04	3.89E-04
4559	478363.09, 3859377.25	0.00914	0.00846	0.00873	1.40E-04	6.16E-07	2.34E-04	0.000375	1.43E-04	6.06E-07	2.60E-04	4.04E-04	1.36E-04	7.70E-07	5.00E-04	6.37E-04
4560	478863.09, 3859377.25	0.01543	0.01395	0.01526	2.37E-04	1.02E-06	4.09E-04	0.000647	2.42E-04	1.00E-06	4.55E-04	6.98E-04	2.30E-04	1.27E-06	8.74E-04	1.11E-03
4561	479363.09, 3859377.25	0.02282	0.02077	0.02294	3.50E-04	1.51E-06	6.15E-04	0.000967	3.58E-04	1.49E-06	6.84E-04	1.04E-03	3.40E-04	1.89E-06	1.31E-03	1.66E-03
4562	479863.09, 3859377.25	0.03007	0.02869	0.03024	4.61E-04	2.09E-06	8.11E-04	0.001275	4.71E-04	2.06E-06	9.02E-04	1.38E-03	4.48E-04	2.61E-06	1.73E-03	2.18E-03
4563	480363.09, 3859377.25	0.03696	0.03596	0.03687	5.67E-04	2.62E-06	9.89E-04	0.001559	5.79E-04	2.58E-06	1.10E-03	1.68E-03	5.51E-04	3.27E-06	2.11E-03	2.67E-03
4564	480863.09, 3859377.25	0.0421	0.04109	0.04154	6.46E-04	2.99E-06	1.11E-03	0.001763	6.60E-04	2.94E-06	1.24E-03	1.90E-03	6.27E-04	3.74E-06	2.38E-03	3.01E-03
4565	481363.09, 3859377.25	0.047	0.04628	0.04597	7.21E-04	3.37E-06	1.23E-03	0.001958	7.37E-04	3.32E-06	1.37E-03	2.11E-03	7.00E-04	4.21E-06	2.63E-03	3.34E-03
4566	481863.09, 3859377.25	0.05187	0.04762	0.05077	7.96E-04	3.47E-06	1.36E-03	0.002161	8.13E-04	3.41E-06	1.51E-03	2.33E-03	7.73E-04	4.33E-06	2.91E-03	3.69E-03
4567	482363.09, 3859377.25	0.05677	0.05071	0.05541	8.71E-04	3.69E-06	1.49E-03	0.002361	8.90E-04	3.63E-06	1.65E-03	2.55E-03	8.46E-04	4.61E-06	3.17E-03	4.02E-03
4568	482863.09, 3859377.25	0.06318	0.05716	0.06125	9.70E-04	4.16E-06	1.64E-03	0.002616	9.91E-04	4.10E-06	1.83E-03	2.82E-03	9.41E-04	5.20E-06	3.51E-03	4.46E-03
4569	483363.09, 3859377.25	0.07046	0.05732	0.06711	1.08E-03	4.17E-06	1.80E-03	0.002885	1.10E-03	4.11E-06	2.00E-03	3.11E-03	1.05E-03	5.21E-06	3.84E-03	4.90E-03
4570	483863.09, 3859377.25	0.07435	0.05333	0.06916	1.14E-03	3.88E-06	1.85E-03	0.003	1.17E-03	3.82E-06	2.06E-03	3.23E-03	1.11E-03	4.85E-06	3.96E-03	5.07E-03
4571	484363.09, 3859377.25	0.08103	0.05573	0.07509	1.24E-03	4.06E-06	2.01E-03	0.003261	1.27E-03	3.99E-06	2.24E-03	3.51E-03	1.21E-03	5.07E-06	4.30E-03	5.51E-03
4572	484863.09, 3859377.25	0.08844	0.06423	0.08176	1.36E-03	4.68E-06	2.19E-03	0.003555	1.39E-03	4.60E-06	2.44E-03	3.83E-03	1.32E-03	5.84E-06	4.68E-03	6.01E-03
4573	485363.09, 3859377.25	0.09548	0.07276	0.08772	1.47E-03	5.30E-06	2.35E-03	0.003823	1.50E-03	5.21E-06	2.62E-03	4.12E-03	1.42E-03	6.62E-06	5.03E-03	6.45E-03
4574	485863.09, 3859377.25	0.10204	0.07705	0.09318	1.57E-03	5.61E-06	2.50E-03	0.004071	1.60E-03	5.52E-06	2.78E-03	4.39E-03	1.52E-03	7.01E-06	5.34E-03	6.86E-03
4575	486363.09, 3859377.25	0.10934	0.07968	0.0988	1.68E-03	5.80E-06	2.65E-03	0.004334	1.71E-03	5.71E-06	2.95E-03	4.67E-03	1.63E-03	7.25E-06	5.66E-03	7.30E-03
4576	486863.09, 3859377.25	0.11613	0.07549	0.10368	1.78E-03	5.50E-06	2.78E-03	0.004568	1.82E-03	5.41E-06	3.09E-03	4.92E-03	1.73E-03	6.87E-06	5.94E-03	7.68E-03
4577	487363.09, 3859377.25	0.12287	0.07815	0.10822	1.89E-03	5.69E-06	2.90E-03	0.004794	1.93E-03	5.60E-06	3.23E-03	5.16E-03	1.83E-03	7.11E-06	6.20E-03	8.04E-03
4578	487863.09, 3859377.25	0.13148	0.08019	0.11303	2.02E-03	5.84E-06	3.03E-03	0.005055	2.06E-03	5.75E-06	3.37E-03	5.44E-03	1.96E-03	7.29E-06	6.47E-03	8.44E-03
4579	488363.09, 3859377.25	0.13958	0.08549	0.11876	2.14E-03	6.22E-06	3.19E-03	0.005333	2.19E-03	6.13E-06	3.54E-03	5.74E-03	2.08E-03	7.78E-06	6.80E-03	8.89E-03
4580	488863.09, 3859377.25	0.1408	0.08774	0.12307	2.16E-03	6.39E-06	3.30E-03	0.005468	2.21E-03	6.29E-06	3.67E-03	5.89E-03	2.10E-03	7.98E-06	7.05E-03	9.16E-03
4581	489363.09, 3859377.25	0.13465	0.08365	0.1191	2.07E-03	6.09E-06	3.19E-03	0.005267	2.11E-03	5.99E-06	3.55E-03	5.67E-03	2.01E-03	7.61E-06	6.82E-03	8.84E-03
4582	489863.09, 3859377.25	0.13764	0.08346	0.12281	2.11E-03	6.08E-06	3.29E-03	0.005412	2.16E-03	5.98E-06	3.66E-03	5.83E-03	2.05E-03	7.59E-06	7.04E-03	9.09E-03
4583	490363.09, 3859377.25	0.13324	0.08762	0.12545	2.04E-03	6.38E-06	3.36E-03	0.005416	2.09E-03	6.28E-06	3.74E-03	5.84E-03	1.98E-03	7.97E-06	7.19E-03	9.18E-03
4584	490863.09, 3859377.25	0.12177	0.08631	0.12016	1.87E-03	6.28E-06	3.22E-03	0.005098	1.91E-03	6.18E-06	3.58E-03	5.50E-03	1.81E-03	7.85E-06	6.88E-03	8.71E-03
4585	491363.09, 3859377.25	0.09498	0.07248	0.09832	1.46E-03	5.28E-06	2.64E-03	0.0041	1.49E-03	5.19E-06	2.93E-03	4.43E-03	1.41E-03	6.59E-06	5.63E-03	7.05E-03
4586	491863.09, 3859377.25	0.10336	0.07988	0.10548	1.59E-03	5.81E-06	2.83E-03	0.004421	1.62E-03	5.72E-06	3.15E-03	4.77E-03	1.54E-03	7.27E-06	6.04E-03	7.59E-03
4587	492363.09, 3859377.25	0.09728	0.07752	0.09978	1.49E-03	5.64E-06	2.68E-03	0.004175	1.53E-03	5.55E-06	2.98E-03	4.51E-03	1.45E-03	7.05E-06	5.72E-03	7.17E-03
4588	492863.09, 3859377.25	0.09263	0.07426	0.09502	1.42E-03	5.41E-06	2.55E-03	0.003975	1.45E-03	5.32E-06	2.83E-03	4.29E-03	1.38E-03	6.75E-06	5.44E-03	6.83E-03
4589	493363.09, 3859377.25	0.08369	0.0676	0.08672	1.28E-03	4.92E-06	2.33E-03	0.003615	1.31E-03	4.84E-06	2.59E-03	3.90E-03	1.25E-03	6.15E-06	4.97E-03	6.22E-03
4590	493863.09, 3859377.25	0.07922	0.06456	0.08226	1.22E-03	4.70E-06	2.21E-03	0.003427	1.24E-03	4.63E-06	2.45E-03	3.70E-03	1.18E-03	5.87E-06	4.71E-03	5.90E-03
4591	494363.09, 3859377.25	0.07288	0.06078	0.0759	1.12E-03	4.42E-06	2.04E-03	0.003158	1.14E-03	4.36E-06	2.26E-03	3.41E-03	1.09E-03	5.53E-06	4.35E-03	5.44E-03
4592	494863.09, 3859377.25	0.06272	0.05341	0.06545	9.62E-04	3.89E-06	1.76E-03	0.002722	9.83E-04	3.83E-06	1.95E-03	2.94E-03	9.34E-04	4.86E-06	3.75E-03	4.69E-03
4593	495363.09, 3859377.25	0.05927	0.051	0.06187	9.10E-04	3.71E-06	1.66E-03	0.002573	9.29E-04	3.65E-06	1.85E-03	2.78E-03	8.83E-04	4.64E-06	3.54E-03	4.43E-03
4594	495863.09, 3859377.25	0.05451	0.04728	0.05685	8.36E-04	3.44E-06	1.52E-03	0.002365	8.55E-04	3.39E-06	1.70E-03	2.55E-03	8.12E-04	4.30E-06	3.26E-03	4.07E-03
4595	496363.09, 3859377.25	0.05328	0.04663	0.05562	8.18E-04	3.39E-06	1.49E-03	0.002313	8.35E-04	3.34E-06	1.66E-03	2.50E-03	7.94E-04	4.24E-06	3.19E-03	3.98E-03
4596	496863.09, 3859377.25	0.04773	0.04197	0.04971	7.32E-04	3.06E-06	1.33E-03	0.002069	7.48E-04	3.01E-06	1.48E-03	2.23E-03	7.11E-04	3.82E-06	2.85E-03	3.56E-03
4597	497363.09, 3859377.25	0.04863	0.04302	0.05079	7.46E-04	3.13E-06	1.36E-03	0.002112	7.62E-04	3.08E-06	1.52E-03	2.28E-03	7.24E-04	3.91E-06	2.91E-03	3.64E-03
4598	497863.09, 3859377.25	0.05127	0.04545	0.05362	7.87E-04	3.31E-06	1.44E-03	0.002228	8.04E-04	3.26E-06	1.60E-03	2.41E-03	7.64E-04	4.13E-06	3.07E-03	3.84E-03
4599	498363.09, 3859377.25	0.05198	0.04604	0.0543	7.98E-04	3.35E-06	1.46E-03	0.002257	8.15E-04	3.30E-06	1.62E-03	2.44E-03	7.74E-04	4.19E-06	3.11E-03	3.89E-03
4600	471363.09, 3859877.25	0.00993	0.01035	0.00999	1.52E-04	7.53E-07	2.68E-04	0.000421	1.56E-04	7.42E-07	2.98E-04	4.54E-04	1.48E-04	9.41E-07	5.72E-04	7.21E-04
4601	471863.09, 3859877.25	0.01056	0.01078	0.01067	1.62E-04	7.85E-07	2.86E-04	0.000449	1.66E-04	7.72E-07	3.18E-04	4.85E-04	1.57E-04	9.81E-07	6.11E-04	7.70E-04
4602	472363.09, 3859877.25	0.01113	0.0113	0.01126	1.71E-04	8.23E-07	3.02E-04	0.000474	1.75E-04	8.10E-07	3.36E-04	5.11E-04	1.66E-04	1.03E-06	6.45E-04	8.12E-04

4603	472863.09, 3859877.25	0.01205	0.01262	0.01215	1.85E-04	9.19E-07	3.26E-04	0.000512	1.89E-04	9.04E-07	3.62E-04	5.52E-04	1.80E-04	1.15E-06	6.96E-04	8.77E-04
4604	473363.09, 3859877.25	0.01297	0.01429	0.013	1.99E-04	1.04E-06	3.49E-04	0.000549	2.03E-04	1.02E-06	3.88E-04	5.92E-04	1.93E-04	1.30E-06	7.45E-04	9.39E-04
4605	473863.09, 3859877.25	0.01377	0.01571	0.01373	2.11E-04	1.14E-06	3.68E-04	0.000581	2.16E-04	1.13E-06	4.10E-04	6.27E-04	2.05E-04	1.43E-06	7.87E-04	9.93E-04
4606	474363.09, 3859877.25	0.01296	0.01444	0.01289	1.99E-04	1.05E-06	3.46E-04	0.000546	2.03E-04	1.03E-06	3.85E-04	5.89E-04	1.93E-04	1.31E-06	7.38E-04	9.33E-04
4607	474863.09, 3859877.25	0.01098	0.01133	0.01088	1.68E-04	8.25E-07	2.92E-04	0.000461	1.72E-04	8.12E-07	3.25E-04	4.98E-04	1.64E-04	1.03E-06	6.23E-04	7.88E-04
4608	475363.09, 3859877.25	0.00665	0.00638	0.00645	1.02E-04	4.64E-07	1.73E-04	0.000276	1.04E-04	4.57E-07	1.92E-04	2.97E-04	9.91E-05	5.80E-07	3.69E-04	4.69E-04
4609	475863.09, 3859877.25	0.00356	0.00333	0.00338	5.46E-05	2.42E-07	9.07E-05	0.000146	5.58E-05	2.39E-07	1.01E-04	1.57E-04	5.30E-05	3.03E-07	1.94E-04	2.47E-04
4610	476363.09, 3859877.25	0.00232	0.00215	0.00213	3.56E-05	1.57E-07	5.71E-05	9.29E-05	3.64E-05	1.54E-07	6.35E-05	1.00E-04	3.46E-05	1.96E-07	1.22E-04	1.57E-04
4611	476863.09, 3859877.25	0.00268	0.00253	0.00245	4.11E-05	1.84E-07	6.57E-05	0.000107	4.20E-05	1.81E-07	7.31E-05	1.15E-04	3.99E-05	2.30E-07	1.40E-04	1.81E-04
4612	477363.09, 3859877.25	0.00288	0.0027	0.0026	4.42E-05	1.97E-07	6.97E-05	0.000114	4.52E-05	1.93E-07	7.76E-05	1.23E-04	4.29E-05	2.46E-07	1.49E-04	1.92E-04
4613	477863.09, 3859877.25	0.00504	0.00459	0.00471	7.73E-05	3.34E-07	1.26E-04	0.000204	7.90E-05	3.29E-07	1.41E-04	2.20E-04	7.51E-05	4.18E-07	2.70E-04	3.45E-04
4614	478363.09, 3859877.25	0.00898	0.00791	0.0086	1.38E-04	5.76E-07	2.31E-04	0.000369	1.41E-04	5.67E-07	2.57E-04	3.98E-04	1.34E-04	7.20E-07	4.93E-04	6.27E-04
4615	478863.09, 3859877.25	0.01515	0.01381	0.01494	2.32E-04	1.01E-06	4.01E-04	0.000634	2.38E-04	9.90E-07	4.46E-04	6.84E-04	2.26E-04	1.26E-06	8.56E-04	1.08E-03
4616	479363.09, 3859877.25	0.02324	0.02283	0.02327	3.57E-04	1.66E-06	6.24E-04	0.000982	3.64E-04	1.64E-06	6.94E-04	1.06E-03	3.46E-04	2.08E-06	1.33E-03	1.68E-03
4617	479863.09, 3859877.25	0.02956	0.02952	0.02955	4.54E-04	2.15E-06	7.93E-04	0.001248	4.63E-04	2.12E-06	8.82E-04	1.35E-03	4.40E-04	2.69E-06	1.69E-03	2.14E-03
4618	480363.09, 3859877.25	0.03466	0.03358	0.03434	5.32E-04	2.44E-06	9.21E-04	0.001455	5.43E-04	2.41E-06	1.02E-03	1.57E-03	5.16E-04	3.05E-06	1.97E-03	2.49E-03
4619	480863.09, 3859877.25	0.03857	0.0378	0.03775	5.92E-04	2.75E-06	1.01E-03	0.001607	6.05E-04	2.71E-06	1.13E-03	1.73E-03	5.75E-04	3.44E-06	2.16E-03	2.74E-03
4620	481363.09, 3859877.25	0.04244	0.04119	0.04131	6.51E-04	3.00E-06	1.11E-03	0.001762	6.65E-04	2.95E-06	1.23E-03	1.90E-03	6.32E-04	3.75E-06	2.37E-03	3.00E-03
4621	481863.09, 3859877.25	0.04596	0.04248	0.04486	7.05E-04	3.09E-06	1.20E-03	0.001912	7.21E-04	3.04E-06	1.34E-03	2.06E-03	6.85E-04	3.86E-06	2.57E-03	3.26E-03
4622	482363.09, 3859877.25	0.05	0.04478	0.04854	7.67E-04	3.26E-06	1.30E-03	0.002072	7.84E-04	3.21E-06	1.45E-03	2.24E-03	7.45E-04	4.07E-06	2.78E-03	3.53E-03
4623	482863.09, 3859877.25	0.05426	0.04483	0.05268	8.33E-04	3.26E-06	1.41E-03	0.002249	8.51E-04	3.21E-06	1.57E-03	2.43E-03	8.08E-04	4.08E-06	3.02E-03	3.83E-03
4624	483363.09, 3859877.25	0.05875	0.04511	0.05634	9.02E-04	3.28E-06	1.51E-03	0.002416	9.21E-04	3.23E-06	1.68E-03	2.61E-03	8.75E-04	4.10E-06	3.23E-03	4.11E-03
4625	483863.09, 3859877.25	0.062	0.04476	0.05773	9.51E-04	3.26E-06	1.55E-03	0.002503	9.72E-04	3.21E-06	1.72E-03	2.70E-03	9.24E-04	4.07E-06	3.31E-03	4.23E-03
4626	484363.09, 3859877.25	0.0654	0.04598	0.06051	1.00E-03	3.35E-06	1.62E-03	0.00263	1.03E-03	3.29E-06	1.81E-03	2.83E-03	9.74E-04	4.18E-06	3.47E-03	4.44E-03
4627	484863.09, 3859877.25	0.06979	0.05299	0.06425	1.07E-03	3.86E-06	1.72E-03	0.002798	1.09E-03	3.80E-06	1.92E-03	3.01E-03	1.04E-03	4.82E-06	3.68E-03	4.73E-03
4628	485363.09, 3859877.25	0.07378	0.05866	0.06743	1.13E-03	4.27E-06	1.81E-03	0.002945	1.16E-03	4.20E-06	2.01E-03	3.17E-03	1.10E-03	5.34E-06	3.86E-03	4.97E-03
4629	485863.09, 3859877.25	0.07715	0.05747	0.06993	1.18E-03	4.18E-06	1.88E-03	0.003064	1.21E-03	4.12E-06	2.09E-03	3.30E-03	1.15E-03	5.23E-06	4.01E-03	5.16E-03
4630	486363.09, 3859877.25	0.08007	0.05854	0.07237	1.23E-03	4.26E-06	1.94E-03	0.003174	1.26E-03	4.19E-06	2.16E-03	3.42E-03	1.19E-03	5.32E-06	4.15E-03	5.34E-03
4631	486863.09, 3859877.25	0.08321	0.05717	0.0751	1.28E-03	4.16E-06	2.01E-03	0.003295	1.30E-03	4.10E-06	2.24E-03	3.55E-03	1.24E-03	5.20E-06	4.30E-03	5.55E-03
4632	487363.09, 3859877.25	0.08418	0.05765	0.07516	1.29E-03	4.20E-06	2.02E-03	0.003312	1.32E-03	4.13E-06	2.24E-03	3.57E-03	1.25E-03	5.24E-06	4.31E-03	5.56E-03
4633	487863.09, 3859877.25	0.08786	0.0594	0.07801	1.35E-03	4.32E-06	2.09E-03	0.003445	1.38E-03	4.26E-06	2.33E-03	3.71E-03	1.31E-03	5.40E-06	4.47E-03	5.78E-03
4634	488363.09, 3859877.25	0.08874	0.06126	0.07971	1.36E-03	4.46E-06	2.14E-03	0.003504	1.39E-03	4.39E-06	2.38E-03	3.77E-03	1.32E-03	5.57E-06	4.57E-03	5.89E-03
4635	488863.09, 3859877.25	0.09082	0.06414	0.08396	1.39E-03	4.67E-06	2.25E-03	0.00365	1.42E-03	4.60E-06	2.50E-03	3.93E-03	1.35E-03	5.83E-06	4.81E-03	6.17E-03
4636	489363.09, 3859877.25	0.09074	0.06542	0.0855	1.39E-03	4.76E-06	2.29E-03	0.00369	1.42E-03	4.69E-06	2.55E-03	3.98E-03	1.35E-03	5.95E-06	4.90E-03	6.26E-03
4637	489863.09, 3859877.25	0.08587	0.06245	0.0816	1.32E-03	4.55E-06	2.19E-03	0.003511	1.35E-03	4.47E-06	2.43E-03	3.79E-03	1.28E-03	5.68E-06	4.67E-03	5.96E-03
4638	490363.09, 3859877.25	0.08418	0.05978	0.07996	1.29E-03	4.35E-06	2.14E-03	0.003441	1.32E-03	4.28E-06	2.39E-03	3.71E-03	1.25E-03	5.44E-06	4.58E-03	5.84E-03
4639	490863.09, 3859877.25	0.08767	0.0622	0.08453	1.35E-03	4.53E-06	2.27E-03	0.003617	1.37E-03	4.46E-06	2.52E-03	3.90E-03	1.31E-03	5.66E-06	4.84E-03	6.15E-03
4640	491363.09, 3859877.25	0.08707	0.06428	0.08567	1.34E-03	4.68E-06	2.30E-03	0.003638	1.37E-03	4.61E-06	2.56E-03	3.93E-03	1.30E-03	5.85E-06	4.91E-03	6.21E-03
4641	491863.09, 3859877.25	0.08484	0.06475	0.08492	1.30E-03	4.71E-06	2.28E-03	0.003584	1.33E-03	4.64E-06	2.53E-03	3.87E-03	1.26E-03	5.89E-06	4.86E-03	6.13E-03
4642	492363.09, 3859877.25	0.08177	0.06415	0.0827	1.25E-03	4.67E-06	2.22E-03	0.003477	1.28E-03	4.60E-06	2.47E-03	3.75E-03	1.22E-03	5.84E-06	4.74E-03	5.96E-03
4643	492863.09, 3859877.25	0.07789	0.06267	0.07903	1.20E-03	4.56E-06	2.12E-03	0.003319	1.22E-03	4.49E-06	2.36E-03	3.58E-03	1.16E-03	5.70E-06	4.53E-03	5.69E-03
4644	493363.09, 3859877.25	0.07412	0.06091	0.07542	1.14E-03	4.43E-06	2.02E-03	0.003165	1.16E-03	4.36E-06	2.25E-03	3.42E-03	1.10E-03	5.54E-06	4.32E-03	5.43E-03
4645	493863.09, 3859877.25	0.07042	0.05838	0.07185	1.08E-03	4.25E-06	1.93E-03	0.003012	1.10E-03	4.18E-06	2.14E-03	3.25E-03	1.05E-03	5.31E-06	4.12E-03	5.17E-03
4646	494363.09, 3859877.25	0.06624	0.05499	0.06787	1.02E-03	4.00E-06	1.82E-03	0.002841	1.04E-03	3.94E-06	2.02E-03	3.07E-03	9.87E-04	5.00E-06	3.89E-03	4.88E-03
4647	494863.09, 3859877.25	0.0634	0.05259	0.06511	9.73E-04	3.83E-06	1.75E-03	0.002723	9.94E-04	3.77E-06	1.94E-03	2.94E-03	9.44E-04	4.78E-06	3.73E-03	4.68E-03
4648	495363.09, 3859877.25	0.05995	0.05018	0.06183	9.20E-04	3.65E-06	1.66E-03	0.002582	9.40E-04	3.60E-06	1.84E-03	2.79E-03	8.93E-04	4.56E-06	3.54E-03	4.44E-03
4649	495863.09, 3859877.25	0.05631	0.04779	0.05833	8.64E-04	3.48E-06	1.56E-03	0.002432	8.83E-04	3.42E-06	1.74E-03	2.63E-03	8.39E-04	4.35E-06	3.34E-03	4.18E-03
4650	496363.09, 3859877.25	0.05088	0.04376	0.05297	7.81E-04	3.19E-06	1.42E-03	0.002205	7.98E-04	3.14E-06	1.58E-03	2.38E-03	7.58E-04	3.98E-06	3.03E-03	3.80E-03
4651	496863.09, 3859877.25	0.03933	0.03398	0.04078	6.04E-04	2.47E-06	1.09E-03	0.0017	6.17E-04	2.43E-06	1.22E-03	1.84E-03	5.86E-04	3.09E-06	2.34E-03	2.93E-03
4652	497363.09, 3859877.25	0.04557	0.04026	0.04759	6.99E-04	2.93E-06	1.28E-03	0.001979	7.14E-04	2.88E-06	1.42E-03	2.14E-03	6.79E-04	3.66E-06	2.73E-03	3.41E-03
4653	497863.09, 3859877.25	0.04913	0.04361	0.05117	7.54E-04	3.17E-06	1.37E-03	0.002129	7.70E-04	3.12E-06	1.53E-03	2.30E-03	7.32E-04	3.97E-06	2.93E-03	3.67E-03
4654	498363.09, 3859877.25	0.04866	0.04345	0.05083	7.47E-04	3.16E-06	1.36E-03	0.002113	7.63E-04	3.11E-06	1.52E-03	2.28E-03	7.25E-04	3.95E-06	2.91E-03	3.64E-03
4655	471363.09, 3860377.25	0.01012	0.01024	0.0102	1.55E-04	7.45E-07	2.74E-04	0.00043	1.59E-04	7.34E-07	3.04E-04	4.64E-04	1.51E-04	9.31E-07	5.84E-04	7.36E-04
4656	471863.09, 3860377.25	0.01072	0.01119	0.01078	1.65E-04	8.15E-07	2.89E-04	0.000454	1.68E-04	8.02E-07	3.22E-04	4.90E-04	1.60E-04	1.02E-06	6.18E-04	7.78E-04
4657	472363.09, 3860377.25	0.01145	0.01256	0.01145	1.76E-04	9.14E-07	3.07E-04	0.000484	1.80E-04	9.00E-07	3.42E-04	5.22E-04	1.71E-04	1.14E-06	6.56E-04	8.28E-04
4658	472863.09, 3860377.25	0.01225	0.0139	0.01218	1.88E-04	1.01E-06	3.27E-04	0.000516	1.92E-04	9.96E-07	3.63E-04	5.56E-04	1.82E-04	1.26E-06	6.98E-04	8.81E-04
4659	473363.09, 3860377.25	0.013	0.01456	0.01287	1.99E-04	1.06E-06	3.45E-04	0.000546	2.04E-04	1.04E-06	3.84E-04	5.89E-04	1.94E-04	1.32E-06	7.37E-04	9.32E-04
4660	473863.09, 3860377.25	0.01363	0.01434	0.01348	2.09E-04	1.04E-06	3.62E-04	0.000572	2.14E-04	1.03E-06	4.02E-04	6.17E-04	2.03E-04	1.30E-06	7.72E-04	9.77E-04
4661	474363.09, 3860377.25	0.01381	0.01329	0.0137	2.12E-04	9.67E-07	3.67E-04	0.00058	2.17E-04	9.52E-07	4.09E-04	6.26E-04	2.06E-04	1.21E-06	7.85E-04	9.92E-04
4662	474863.09, 3860377.25	0.01339	0.0121	0.01335	2.05E-04	8.81E-07	3.58E-04	0.000564	2.10E-04	8.67E-07	3.98E-04	6.09E-04	1.99E-04	1.10E-06	7.65E-04	9.65E-04
4663	475363.09, 3860377.25	0.01172	0.01063	0.01168	1.80E-04	7.74E-07	3.13E-04	0.000494	1.84E-04	7.62E-07	3.48E-04	5.33E-04	1.75E-04	9.67E-07	6.69E-04	8.45E-04
4664	475863.09, 3860377.25	0.00963	0.00909	0.00949	1.48E-04	6.62E-07	2.55E-04	0.000403	1.51E-04	6.51E-07	2.83E-04	4.35E-04	1.43E-04	8.27E-07	5.44E-04	6.88E-04
4665	476363.09, 3860377.25	0.00745	0.0072	0.0072	1.14E-04	5.24E-07	1.93E-04	0.000308	1.17E-04	5.16E-07	2.15E-04	3.32E-04	1.11E-04	6.55E-07	4.12E-04	5.24E-04
4666	476863.09, 3860377.25	0.00671	0.0064	0.0064	1.03E-04	4.66E-07	1.72E-04	0.000275	1.05E-04	4.59E-07	1.91E-04	2.97E-04	1.00E-04	5.82E-07	3.67E-04	4.67E-04
4667	477363.09, 3860377.25	0.00415	0.00368	0.00383	6.37E-05	2.68E-07	1.03E-04	0.000167	6.51E-05	2.64E-07	1.14E-04	1.80E-04	6.18E-05	3.35E-07	2.19E-04	2.82E-04
4668	477863.09, 3860377.25	0.00523	0.00445	0.00489	8.03E-05	3.24E-07	1.31E-04	0.000212	8.20E-05	3.19E-07	1.46E-04	2.28E-04	7.79E-05	4.05E-07	2.80E-04	3.58E-04
4669	478363.09, 3860377.25	0.00995	0.00881	0.00965	1.53E-04	6.41E-07	2.59E-04	0.000412	1.56E-04	6.31E-07	2.88E-04	4.45E-04	1.48E-04	8.01E-07	5.53E-04	7.02E-04
4670	478863.09, 3860377.25	0.01546	0.01461	0.01532	2.37E-04	1.06E-06	4.11E-04	0.000649	2.42E-04	1.05E-06	4.57E-04	7.00E-04	2.30E-04	1.33E-06	8.78E-04	1.11E-03
4671	479363.09, 3860377.25	0.02224	0.02183	0.02231	3.41E-04	1.59E-06	5.98E-04	0.000941	3.49E-04	1.56E-06	6.66E-04	1.02E-03	3.31E-04	1.99E-06	1.28E-03	1.61E-03
4672	479863.09, 3860377.25	0.02807	0.02693	0.02803	4.31E-04	1.96E-06	7.52E-04	0.001184	4.40E-04	1.93E-06	8.36E-04	1.28E-03	4.18E-04	2.45E-06	1.61E-03	2.03E-03
4673	480363.09, 3860377.25	0.03206	0.03172	0.03159	4.92E-04	2.31E-06	8.47E-04	0.001342	5.03E-04	2.27E-06	9.42E-04	1.45E-03	4.78E-04	2.89E-06	1.81E-03	2.29E-03
4674	480863.09, 3860377.25	0.03518	0.03589	0.03422	5.40E-04	2.61E-06	9.18E-04	0.00146	5.52E-04	2.57E-06	1.02E-03	1.58E-03	5.24E-04	3.26E-06	1.96E-03	2.49E-03
4675	481363.09, 3860377.25	0.03786	0.03576	0.03685	5.81E-04	2.60E-06	9.88E-04	0.001572	5.94E-04	2.56E-06	1.10E-03	1.70E-03	5.64E-04	3.25E-06	2.11E-03	2.68E-03
4676	481863.09, 3860377.25	0.04071	0.03454	0.03963	6.25E-04	2.51E-06	1.06E-03	0.00169	6.38E-04	2.47E-06	1.18E-03	1.82E-03	6.06E-04	3.14E-06	2.27E-03	2.88E-03
4677	482363.09, 3860377.25	0.04375	0.03642	0.04222	6.71E-04	2.65E-06	1.13E-03	0.001806	6.86E-04	2.61E-06	1.26E-03	1.95E-03	6.52E-04	3.31E-06	2.42E-03	3.07E-03
4678	482863.09, 3860377.25	0.04668	0.03771	0.04485	7.16E-04	2.74E-06	1.20E-03	0.001922	7.32E-04	2.70E-06	1.34E-03	2.07E-03	6.95E-04	3.43E-06	2.57E-03	3.27E-03
4679	483363.09, 3860377.25	0.04992	0.03851	0.0472	7.66E-04	2.80E-06	1.27E-03	0.002035	7.83E-04	2.76E-06	1.41E-03	2.19E-03	7.44E-04	3.50E-06	2.70E-03	3.45E-03
4680	483863.09, 3860377.25	0.05287	0.03907	0.04948	8.11E-04	2.84E-06	1.33E-03	0.002141	8.29E-04	2.80E-06	1.48E-03	2.31E-03	7.88E-04	3.55E-06	2.83E-03	3.63E-03
4681	484363.09, 3860377.25	0.05416	0.03983	0.04981	8.31E-04	2.90E-06	1.34E-03	0.00217	8.49E-04	2.85E-06	1.49E-03	2.34E-03	8.07E-04	3.62E-06	2.85E-03	3.66E-03
4682	484863.09, 3860377.25	0.0567	0.04408	0.05191	8.70E-04	3.21E-06	1.39E-03	0.002266	8.89E-04	3.16E-06	1.55E-03	2.44E-03	8.45E-04	4.01E-06	2.97E-03	3.82E-03
4683	485363.09, 3860377.25	0.05887	0.04709	0.0537	9.03E-04	3.43E-06	1.44E-03	0.002347	9.23E-04	3.37E-06	1.60E-03	2.53E-03	8.77E-04	4.28E-06	3.08E-03	3.96E-03
4684	485863.09, 3860377.25	0.0607	0.04592	0.0552	9.31E-04	3.34E-06	1.48E-03	0.002415	9.52E-04	3.29E-06	1.65E-03	2.60E-03	9.04E-04	4.18E-06	3.16E-03	4.07E-03
4685	486363.09, 3860377.25	0.0614	0.04524	0.05576	9.42E-04	3.29E-06	1.50E-03	0.002441	9.63E-04	3.24E-06	1.66E-03	2.63E-03	9.15E-04	4.12E-06	3.19E-03	4.11E-03
4686	486863.09, 3860377.25	0.06198	0.04409	0.05595	9.51E-04	3.21E-06	1.50E-03	0.002455	9.72E-04	3.16E-06	1.67E-03	2.64E-03	9.23E-04	4.01E-06	3.21E-03	4.13E-03
4687	487363.09, 3860377.25	0.06246	0.0444	0.05597	9.58E-04	3.23E-06	1.50E-03	0.002463	9.79E-04	3.18E-06	1.67E-03	2.65E-03	9.30E-04	4.04E-06	3.21E-03	4.14E-03
4688	487863.09, 3860377.25	0.06367	0.04662	0.05725	9.77E-04	3.39E-06	1.54E-03	0.002516	9.98E-04	3.34E-06	1.71E-03	2.71E-03	9.48E-04	4.24E-06	3.28E-03	4.23E-03
4689	488363.09, 3860377.25	0.06432	0.04647	0.05882	9.87E-04	3.38E-06	1.58E-03	0.002568	1.01E-03	3.33E-06	1.75E-03	2.77E-03	9.58E-04	4.23E-06	3.37E-03	4.33E-03
4690	488863.09, 3860377.25	0.06507	0.04863	0.06069	9.99E-04	3.54E-06	1.63E-03	0.00263	1.02E-03	3.48E-06	1.81E-03	2.83E-03	9.69E-04	4.42E-06	3.48E-03	4.45E-03
4691	489363.09, 3860377.25	0.06618	0.05004	0.06294	1.02E-03	3.64E-06	1.69E-03	0.002707	1.04E-03	3.59E-06	1.88E-03	2.92E-03	9.86E-04	4.55E-06	3.61E-03	4.60E-03
4692	489863.09, 3860377.25	0.06644	0.05116	0.06412	1.02E-03	3.72E-06	1.72E-03	0.002743	1.04E-03	3.67E-06	1.91E-03	2.96E-03	9.90E-04	4.65E-06	3.67E-03	4.67E-03
4693	490363.09, 3860377.25	0.06283	0.04891	0.06096	9.64E-04	3.56E-06	1.63E-03	0.002603	9.85E-04	3.50E-06	1.82E-03	2.81E-03	9.36E-04	4.45E-06	3.49E-03	4.43E-03
4694	490863.09, 3860377.25	0.05999	0.04631	0.05835	9.21E-04	3.37E-06	1.56E-03	0.002489	9.41E-04	3.32E-06	1.74E-03	2.68E-03	8.94E-04	4.21E-06	3.34E-03	4.24E-03
4695	491363.09, 3860377.25	0.06054	0.04586	0.05891	9.29E-04	3.34E-06	1.58E-03	0.002512	9.49E-04	3.29E-06	1.76E-03	2.71E-03	9.02E-04	4.17E-06	3.37E-03	4.28E-03
4696	491863.09, 3860377.25	0.06236	0.04753	0.06131	9.57E-04	3.46E-06	1.64E-03	0.002605	9.78E-04	3.41E-06	1.83E-03	2.81E-03	9.29E-04	4.32E-06	3.51E-03	4.45E-03
4697	492363.09, 3860377.25	0.0635	0.04982	0.06364	9.74E-04	3.63E-06	1.71E-03	0.002685	9.96E-04	3.57E-06	1.90E-03	2.90E-03	9.46E-04	4.53E-06	3.65E-03	4.60E-03
4698	492863.09, 3860377.25	0.06242	0.05017	0.06322	9.58E-04	3.65E-06	1.70E-03	0.002657	9.79E-04	3.59E-06	1.89E-03	2.87E-03	9.30E-04	4.56E-06	3.62E-03	4.56E-03
4699	493363.09, 3860377.25	0.06123	0.0505	0.06273	9.40E-04	3.68E-06	1.68E-03	0.002626	9.60E-04	3.62E-06	1.87E-03	2.84E-03	9.12E-04	4.59E-06	3.59E-03	4.51E-03
4700	493863.09, 3860377.25	0.05906	0.04972	0.06074	9.06E-04	3.62E-06	1.63E-03	0.002539	9.26E-04	3.56E-06	1.81E-03	2.74E-03	8.80E-04	4.52E-06	3.48E-03	4.36E-03

4701	494363.09, 3860377.25	0.0571	0.04881	0.059	8.76E-04	3.55E-06	1.58E-03	0.002462	8.95E-04	3.50E-06	1.76E-03	2.66E-03	8.51E-04	4.44E-06	3.38E-03	4.23E-03
4702	494863.09, 3860377.25	0.05488	0.04731	0.05688	8.42E-04	3.44E-06	1.53E-03	0.002371	8.60E-04	3.39E-06	1.70E-03	2.56E-03	8.18E-04	4.30E-06	3.26E-03	4.08E-03
4703	495363.09, 3860377.25	0.05299	0.04584	0.05502	8.13E-04	3.34E-06	1.48E-03	0.002292	8.31E-04	3.28E-06	1.64E-03	2.48E-03	7.89E-04	4.17E-06	3.15E-03	3.95E-03
4704	495863.09, 3860377.25	0.05045	0.04308	0.05181	7.74E-04	3.14E-06	1.39E-03	0.002167	7.91E-04	3.09E-06	1.55E-03	2.34E-03	7.52E-04	3.92E-06	2.97E-03	3.72E-03
4705	496363.09, 3860377.25	0.04676	0.04026	0.04831	7.18E-04	2.93E-06	1.30E-03	0.002016	7.33E-04	2.88E-06	1.44E-03	2.18E-03	6.97E-04	3.66E-06	2.77E-03	3.47E-03
4706	496863.09, 3860377.25	0.04324	0.03754	0.04485	6.64E-04	2.73E-06	1.20E-03	0.001869	6.78E-04	2.69E-06	1.34E-03	2.02E-03	6.44E-04	3.41E-06	2.57E-03	3.22E-03
4707	497363.09, 3860377.25	0.03877	0.03371	0.04034	5.95E-04	2.45E-06	1.08E-03	0.001679	6.08E-04	2.42E-06	1.20E-03	1.81E-03	5.78E-04	3.07E-06	2.31E-03	2.89E-03
4708	497863.09, 3860377.25	0.04248	0.0369	0.04407	6.52E-04	2.69E-06	1.18E-03	0.001837	6.66E-04	2.64E-06	1.31E-03	1.98E-03	6.33E-04	3.36E-06	2.52E-03	3.16E-03
4709	498363.09, 3860377.25	0.04319	0.03803	0.04491	6.63E-04	2.77E-06	1.20E-03	0.00187	6.77E-04	2.72E-06	1.34E-03	2.02E-03	6.43E-04	3.46E-06	2.57E-03	3.22E-03
4710	471363.09, 3860877.25	0.01029	0.01123	0.01028	1.58E-04	8.17E-07	2.76E-04	0.000434	1.61E-04	8.05E-07	3.07E-04	4.69E-04	1.53E-04	1.02E-06	5.89E-04	7.43E-04
4711	471863.09, 3860877.25	0.01089	0.01228	0.01083	1.67E-04	8.94E-07	2.90E-04	0.000458	1.71E-04	8.80E-07	3.23E-04	4.95E-04	1.62E-04	1.12E-06	6.20E-04	7.84E-04
4712	472363.09, 3860877.25	0.01149	0.01285	0.01137	1.76E-04	9.35E-07	3.05E-04	0.000482	1.80E-04	9.21E-07	3.39E-04	5.20E-04	1.71E-04	1.17E-06	6.51E-04	8.24E-04
4713	472863.09, 3860877.25	0.01215	0.01288	0.012	1.86E-04	9.38E-07	3.22E-04	0.000509	1.91E-04	9.23E-07	3.58E-04	5.49E-04	1.81E-04	1.17E-06	6.87E-04	8.70E-04
4714	473363.09, 3860877.25	0.01273	0.01247	0.01258	1.95E-04	9.08E-07	3.37E-04	0.000534	2.00E-04	8.94E-07	3.75E-04	5.76E-04	1.90E-04	1.13E-06	7.21E-04	9.11E-04
4715	473863.09, 3860877.25	0.01331	0.01212	0.01317	2.04E-04	8.82E-07	3.53E-04	0.000558	2.09E-04	8.68E-07	3.93E-04	6.02E-04	1.98E-04	1.10E-06	7.54E-04	9.54E-04
4716	474363.09, 3860877.25	0.01384	0.01218	0.01373	2.12E-04	8.87E-07	3.68E-04	0.000582	2.17E-04	8.73E-07	4.10E-04	6.27E-04	2.06E-04	1.11E-06	7.87E-04	9.94E-04
4717	474863.09, 3860877.25	0.01448	0.0129	0.01437	2.22E-04	9.39E-07	3.85E-04	0.000609	2.27E-04	9.24E-07	4.29E-04	6.57E-04	2.16E-04	1.17E-06	8.23E-04	1.04E-03
4718	475363.09, 3860877.25	0.01454	0.01361	0.01451	2.23E-04	9.91E-07	3.89E-04	0.000613	2.28E-04	9.75E-07	4.33E-04	6.62E-04	2.17E-04	1.24E-06	8.31E-04	1.05E-03
4719	475863.09, 3860877.25	0.01389	0.01366	0.01391	2.13E-04	9.94E-07	3.73E-04	0.000587	2.18E-04	9.79E-07	4.15E-04	6.34E-04	2.07E-04	1.24E-06	7.97E-04	1.00E-03
4720	476363.09, 3860877.25	0.01243	0.01237	0.01242	1.91E-04	9.00E-07	3.33E-04	0.000525	1.95E-04	8.86E-07	3.71E-04	5.66E-04	1.85E-04	1.13E-06	7.11E-04	8.98E-04
4721	476863.09, 3860877.25	0.0119	0.01147	0.01184	1.83E-04	8.35E-07	3.18E-04	0.000501	1.87E-04	8.22E-07	3.53E-04	5.41E-04	1.77E-04	1.04E-06	6.78E-04	8.57E-04
4722	477363.09, 3860877.25	0.01231	0.01142	0.01228	1.89E-04	8.31E-07	3.29E-04	0.000519	1.93E-04	8.18E-07	3.66E-04	5.60E-04	1.83E-04	1.04E-06	7.03E-04	8.88E-04
4723	477863.09, 3860877.25	0.01054	0.0093	0.01038	1.62E-04	6.77E-07	2.78E-04	0.000441	1.65E-04	6.66E-07	3.10E-04	4.76E-04	1.57E-04	8.46E-07	5.95E-04	7.52E-04
4724	478363.09, 3860877.25	0.00622	0.00511	0.00585	9.54E-05	3.72E-07	1.57E-04	0.000253	9.75E-05	3.66E-07	1.75E-04	2.72E-04	9.27E-05	4.65E-07	3.35E-04	4.28E-04
4725	478863.09, 3860877.25	0.01432	0.01358	0.01422	2.20E-04	9.89E-07	3.81E-04	0.000602	2.25E-04	9.73E-07	4.24E-04	6.50E-04	2.13E-04	1.24E-06	8.15E-04	1.03E-03
4726	479363.09, 3860877.25	0.02127	0.02106	0.02141	3.26E-04	1.53E-06	5.74E-04	0.000902	3.33E-04	1.51E-06	6.39E-04	9.74E-04	3.17E-04	1.92E-06	1.23E-03	1.55E-03
4727	479863.09, 3860877.25	0.02615	0.0266	0.02604	4.01E-04	1.94E-06	6.98E-04	0.001102	4.10E-04	1.91E-06	7.77E-04	1.19E-03	3.90E-04	2.42E-06	1.49E-03	1.88E-03
4728	480363.09, 3860877.25	0.0293	0.02998	0.02864	4.50E-04	2.18E-06	7.68E-04	0.00122	4.59E-04	2.15E-06	8.54E-04	1.32E-03	4.36E-04	2.73E-06	1.64E-03	2.08E-03
4729	480863.09, 3860877.25	0.03161	0.02988	0.03056	4.85E-04	2.18E-06	8.20E-04	0.001307	4.96E-04	2.14E-06	9.12E-04	1.41E-03	4.71E-04	2.72E-06	1.75E-03	2.22E-03
4730	481363.09, 3860877.25	0.0338	0.02869	0.0327	5.19E-04	2.09E-06	8.77E-04	0.001398	5.30E-04	2.06E-06	9.76E-04	1.51E-03	5.04E-04	2.61E-06	1.87E-03	2.38E-03
4731	481863.09, 3860877.25	0.0359	0.02974	0.03459	5.51E-04	2.16E-06	9.28E-04	0.001481	5.63E-04	2.13E-06	1.03E-03	1.60E-03	5.35E-04	2.71E-06	1.98E-03	2.52E-03
4732	482363.09, 3860877.25	0.0383	0.03218	0.03653	5.88E-04	2.34E-06	9.80E-04	0.00157	6.01E-04	2.31E-06	1.09E-03	1.69E-03	5.71E-04	2.93E-06	2.09E-03	2.67E-03
4733	482863.09, 3860877.25	0.04054	0.0325	0.03841	6.22E-04	2.37E-06	1.03E-03	0.001655	6.36E-04	2.33E-06	1.15E-03	1.78E-03	6.04E-04	2.96E-06	2.20E-03	2.81E-03
4734	483363.09, 3860877.25	0.04266	0.03323	0.04003	6.55E-04	2.42E-06	1.07E-03	0.001731	6.69E-04	2.38E-06	1.19E-03	1.87E-03	6.36E-04	3.02E-06	2.29E-03	2.93E-03
4735	483863.09, 3860877.25	0.04476	0.03449	0.04152	6.87E-04	2.51E-06	1.11E-03	0.001803	7.02E-04	2.47E-06	1.24E-03	1.94E-03	6.67E-04	3.14E-06	2.38E-03	3.05E-03
4736	484363.09, 3860877.25	0.04628	0.03476	0.04256	7.10E-04	2.53E-06	1.14E-03	0.001854	7.26E-04	2.49E-06	1.27E-03	2.00E-03	6.89E-04	3.16E-06	2.44E-03	3.13E-03
4737	484863.09, 3860877.25	0.04681	0.0369	0.0429	7.18E-04	2.69E-06	1.15E-03	0.001872	7.34E-04	2.64E-06	1.28E-03	2.02E-03	6.97E-04	3.36E-06	2.46E-03	3.16E-03
4738	485363.09, 3860877.25	0.04827	0.03803	0.04419	7.41E-04	2.77E-06	1.19E-03	0.001929	7.57E-04	2.72E-06	1.32E-03	2.08E-03	7.19E-04	3.46E-06	2.53E-03	3.25E-03
4739	485863.09, 3860877.25	0.04971	0.03887	0.04539	7.63E-04	2.83E-06	1.22E-03	0.001983	7.79E-04	2.79E-06	1.35E-03	2.14E-03	7.41E-04	3.54E-06	2.60E-03	3.34E-03
4740	486363.09, 3860877.25	0.04932	0.03676	0.04465	7.57E-04	2.68E-06	1.20E-03	0.001957	7.73E-04	2.63E-06	1.33E-03	2.11E-03	7.35E-04	3.34E-06	2.56E-03	3.30E-03
4741	486863.09, 3860877.25	0.04915	0.03546	0.04421	7.54E-04	2.58E-06	1.19E-03	0.001943	7.71E-04	2.54E-06	1.32E-03	2.09E-03	7.32E-04	3.23E-06	2.53E-03	3.27E-03
4742	487363.09, 3860877.25	0.04912	0.03576	0.0442	7.54E-04	2.60E-06	1.19E-03	0.001942	7.70E-04	2.56E-06	1.32E-03	2.09E-03	7.32E-04	3.25E-06	2.53E-03	3.27E-03
4743	487863.09, 3860877.25	0.04884	0.03766	0.04422	7.49E-04	2.74E-06	1.19E-03	0.001938	7.66E-04	2.70E-06	1.32E-03	2.09E-03	7.28E-04	3.43E-06	2.53E-03	3.26E-03
4744	488363.09, 3860877.25	0.05033	0.0377	0.04643	7.72E-04	2.74E-06	1.25E-03	0.00202	7.89E-04	2.70E-06	1.39E-03	2.18E-03	7.50E-04	3.43E-06	2.66E-03	3.41E-03
4745	488863.09, 3860877.25	0.04995	0.03849	0.04675	7.66E-04	2.80E-06	1.25E-03	0.002023	7.83E-04	2.76E-06	1.39E-03	2.18E-03	7.44E-04	3.50E-06	2.68E-03	3.43E-03
4746	489363.09, 3860877.25	0.0512	0.03987	0.04868	7.86E-04	2.90E-06	1.31E-03	0.002094	8.03E-04	2.86E-06	1.45E-03	2.26E-03	7.63E-04	3.63E-06	2.79E-03	3.55E-03
4747	489863.09, 3860877.25	0.05091	0.04014	0.04897	7.81E-04	2.92E-06	1.31E-03	0.002098	7.98E-04	2.88E-06	1.46E-03	2.26E-03	7.58E-04	3.65E-06	2.81E-03	3.57E-03
4748	490363.09, 3860877.25	0.0511	0.04096	0.0498	7.84E-04	2.98E-06	1.34E-03	0.002123	8.01E-04	2.93E-06	1.49E-03	2.29E-03	7.61E-04	3.73E-06	2.85E-03	3.62E-03
4749	490863.09, 3860877.25	0.04893	0.03972	0.04799	7.51E-04	2.89E-06	1.29E-03	0.002041	7.67E-04	2.85E-06	1.43E-03	2.20E-03	7.29E-04	3.61E-06	2.75E-03	3.48E-03
4750	491363.09, 3860877.25	0.0464	0.03753	0.0456	7.12E-04	2.73E-06	1.22E-03	0.001938	7.28E-04	2.69E-06	1.36E-03	2.09E-03	6.91E-04	3.41E-06	2.61E-03	3.31E-03
4751	491863.09, 3860877.25	0.04604	0.03685	0.04541	7.06E-04	2.68E-06	1.22E-03	0.001927	7.22E-04	2.64E-06	1.35E-03	2.08E-03	6.86E-04	3.35E-06	2.60E-03	3.29E-03
4752	492363.09, 3860877.25	0.04643	0.03683	0.04592	7.12E-04	2.68E-06	1.23E-03	0.001947	7.28E-04	2.64E-06	1.37E-03	2.10E-03	6.92E-04	3.35E-06	2.63E-03	3.33E-03
4753	492863.09, 3860877.25	0.04784	0.03829	0.04781	7.34E-04	2.79E-06	1.28E-03	0.002019	7.50E-04	2.74E-06	1.43E-03	2.18E-03	7.13E-04	3.48E-06	2.74E-03	3.45E-03
4754	493363.09, 3860877.25	0.04898	0.04004	0.04964	7.52E-04	2.91E-06	1.33E-03	0.002086	7.68E-04	2.87E-06	1.48E-03	2.25E-03	7.30E-04	3.64E-06	2.84E-03	3.58E-03
4755	493863.09, 3860877.25	0.04837	0.04042	0.04947	7.42E-04	2.94E-06	1.33E-03	0.002072	7.58E-04	2.90E-06	1.48E-03	2.24E-03	7.21E-04	3.68E-06	2.83E-03	3.56E-03
4756	494363.09, 3860877.25	0.04738	0.04043	0.04877	7.27E-04	2.94E-06	1.31E-03	0.002038	7.43E-04	2.90E-06	1.45E-03	2.20E-03	7.06E-04	3.68E-06	2.79E-03	3.50E-03
4757	494863.09, 3860877.25	0.04631	0.04028	0.04796	7.11E-04	2.93E-06	1.29E-03	0.002	7.26E-04	2.89E-06	1.43E-03	2.16E-03	6.90E-04	3.66E-06	2.75E-03	3.44E-03
4758	495363.09, 3860877.25	0.04505	0.03973	0.04689	6.91E-04	2.89E-06	1.26E-03	0.001952	7.06E-04	2.85E-06	1.40E-03	2.11E-03	6.71E-04	3.61E-06	2.69E-03	3.36E-03
4759	495863.09, 3860877.25	0.04361	0.03872	0.04553	6.69E-04	2.82E-06	1.22E-03	0.001893	6.84E-04	2.77E-06	1.36E-03	2.04E-03	6.50E-04	3.52E-06	2.61E-03	3.26E-03
4760	496363.09, 3860877.25	0.04259	0.0379	0.04456	6.54E-04	2.76E-06	1.20E-03	0.001851	6.68E-04	2.72E-06	1.33E-03	2.00E-03	6.34E-04	3.45E-06	2.55E-03	3.19E-03
4761	496863.09, 3860877.25	0.04109	0.03584	0.04231	6.31E-04	2.61E-06	1.13E-03	0.001768	6.44E-04	2.57E-06	1.26E-03	1.91E-03	6.12E-04	3.26E-06	2.42E-03	3.04E-03
4762	497363.09, 3860877.25	0.03989	0.03496	0.04112	6.12E-04	2.54E-06	1.10E-03	0.001718	6.25E-04	2.50E-06	1.23E-03	1.85E-03	5.94E-04	3.18E-06	2.36E-03	2.95E-03
4763	497863.09, 3860877.25	0.03845	0.03391	0.03969	5.90E-04	2.47E-06	1.06E-03	0.001657	6.03E-04	2.43E-06	1.18E-03	1.79E-03	5.73E-04	3.08E-06	2.27E-03	2.85E-03
4764	498363.09, 3860877.25	0.03796	0.03368	0.03943	5.83E-04	2.45E-06	1.06E-03	0.001642	5.95E-04	2.41E-06	1.18E-03	1.77E-03	5.65E-04	3.06E-06	2.26E-03	2.83E-03
4765	471363.09, 3861377.25	0.01031	0.01157	0.01022	1.58E-04	8.42E-07	2.74E-04	0.000433	1.62E-04	8.29E-07	3.05E-04	4.67E-04	1.54E-04	1.05E-06	5.85E-04	7.40E-04
4766	471863.09, 3861377.25	0.0108	0.01158	0.01068	1.66E-04	8.43E-07	2.86E-04	0.000453	1.69E-04	8.30E-07	3.19E-04	4.89E-04	1.61E-04	1.05E-06	6.12E-04	7.74E-04
4767	472363.09, 3861377.25	0.0113	0.01127	0.01117	1.73E-04	8.20E-07	3.00E-04	0.000474	1.77E-04	8.08E-07	3.33E-04	5.11E-04	1.68E-04	1.03E-06	6.40E-04	8.09E-04
4768	472863.09, 3861377.25	0.01187	0.01103	0.01174	1.82E-04	8.03E-07	3.15E-04	0.000498	1.86E-04	7.90E-07	3.50E-04	5.37E-04	1.77E-04	1.00E-06	6.73E-04	8.50E-04
4769	473363.09, 3861377.25	0.01243	0.01105	0.01229	1.91E-04	8.04E-07	3.30E-04	0.000521	1.95E-04	7.92E-07	3.67E-04	5.62E-04	1.85E-04	1.01E-06	7.04E-04	8.90E-04
4770	473863.09, 3861377.25	0.01295	0.01148	0.01282	1.99E-04	8.36E-07	3.44E-04	0.000543	2.03E-04	8.23E-07	3.82E-04	5.86E-04	1.93E-04	1.04E-06	7.34E-04	9.28E-04
4771	474363.09, 3861377.25	0.01366	0.01247	0.0135	2.10E-04	9.08E-07	3.62E-04	0.000573	2.14E-04	8.94E-07	4.03E-04	6.18E-04	2.03E-04	1.13E-06	7.73E-04	9.78E-04
4772	474863.09, 3861377.25	0.01418	0.01348	0.01403	2.18E-04	9.81E-07	3.76E-04	0.000595	2.22E-04	9.66E-07	4.19E-04	6.42E-04	2.11E-04	1.23E-06	8.04E-04	1.02E-03
4773	475363.09, 3861377.25	0.01497	0.01443	0.01478	2.30E-04	1.05E-06	3.96E-04	0.000627	2.35E-04	1.03E-06	4.41E-04	6.77E-04	2.23E-04	1.31E-06	8.47E-04	1.07E-03
4774	475863.09, 3861377.25	0.01539	0.01474	0.01524	2.36E-04	1.07E-06	4.09E-04	0.000646	2.41E-04	1.06E-06	4.55E-04	6.97E-04	2.29E-04	1.34E-06	8.73E-04	1.10E-03
4775	476363.09, 3861377.25	0.01545	0.01448	0.0154	2.37E-04	1.05E-06	4.13E-04	0.000651	2.42E-04	1.04E-06	4.59E-04	7.03E-04	2.30E-04	1.32E-06	8.82E-04	1.11E-03
4776	476863.09, 3861377.25	0.01555	0.01421	0.01559	2.39E-04	1.03E-06	4.18E-04	0.000658	2.44E-04	1.02E-06	4.65E-04	7.10E-04	2.32E-04	1.29E-06	8.93E-04	1.13E-03
4777	477363.09, 3861377.25	0.01575	0.01424	0.01586	2.42E-04	1.04E-06	4.25E-04	0.000668	2.47E-04	1.02E-06	4.73E-04	7.21E-04	2.35E-04	1.30E-06	9.09E-04	1.14E-03
4778	477863.09, 3861377.25	0.01317	0.01211	0.01317	2.02E-04	8.82E-07	3.53E-04	0.000556	2.06E-04	8.68E-07	3.93E-04	6.00E-04	1.96E-04	1.10E-06	7.54E-04	9.52E-04
4779	478363.09, 3861377.25	0.00766	0.00698	0.00731	1.18E-04	5.08E-07	1.96E-04	0.000314	1.20E-04	5.00E-07	2.18E-04	3.39E-04	1.14E-04	6.35E-07	4.19E-04	5.33E-04
4780	478863.09, 3861377.25	0.00982	0.00967	0.00951	1.51E-04	7.04E-07	2.55E-04	0.000406	1.54E-04	6.93E-07	2.84E-04	4.38E-04	1.46E-04	8.80E-07	5.45E-04	6.92E-04
4781	479363.09, 3861377.25	0.01909	0.0194	0.01923	2.93E-04	1.41E-06	5.16E-04	0.00081	2.99E-04	1.39E-06	5.74E-04	8.74E-04	2.84E-04	1.76E-06	1.10E-03	1.39E-03
4782	479863.09, 3861377.25	0.02379	0.02345	0.02356	3.65E-04	1.71E-06	6.32E-04	0.000999	3.73E-04	1.68E-06	7.03E-04	1.08E-03	3.54E-04	2.13E-06	1.35E-03	1.71E-03
4783	480363.09, 3861377.25	0.02671	0.02509	0.02575	4.10E-04	1.83E-06	6.91E-04	0.001102	4.19E-04	1.80E-06	7.68E-04	1.19E-03	3.98E-04	2.28E-06	1.48E-03	1.88E-03
4784	480863.09, 3861377.25	0.02854	0.02498	0.02742	4.38E-04	1.82E-06	7.35E-04	0.001175	4.47E-04	1.79E-06	8.18E-04	1.27E-03	4.25E-04	2.27E-06	1.57E-03	2.00E-03
4785	481363.09, 3861377.25	0.03018	0.02509	0.02891	4.63E-04	1.83E-06	7.75E-04	0.00124	4.73E-04	1.80E-06	8.62E-04	1.34E-03	4.50E-04	2.28E-06	1.66E-03	2.11E-03
4786	481863.09, 3861377.25	0.03185	0.0269	0.03033	4.89E-04	1.96E-06	8.13E-04	0.001304	4.99E-04	1.93E-06	9.05E-04	1.41E-03	4.74E-04	2.45E-06	1.74E-03	2.21E-03
4787	482363.09, 3861377.25	0.03362	0.02811	0.03174	5.16E-04	2.05E-06	8.51E-04	0.001369	5.27E-04	2.01E-06	9.47E-04	1.48E-03	5.01E-04	2.56E-06	1.82E-03	2.32E-03
4788	482863.09, 3861377.25	0.03537	0.02822	0.03312	5.43E-04	2.05E-06	8.88E-04	0.001433	5.55E-04	2.02E-06	9.88E-04	1.54E-03	5.27E-04	2.57E-06	1.90E-03	2.43E-03
4789	483363.09, 3861377.25	0.03703	0.02971	0.03442	5.68E-04	2.16E-06	9.23E-04	0.001494	5.81E-04	2.13E-06	1.03E-03	1.61E-03	5.52E-04	2.70E-06	1.97E-03	2.53E-03
4790	483863.09, 3861377.25	0.03838	0.02998	0.03549	5.89E-04	2.18E-06	9.52E-04	0.001543	6.02E-04	2.15E-06	1.06E-03	1.66E-03	5.72E-04	2.73E-06	2.03E-03	2.61E-03
4791	484363.09, 3861377.25	0.03962	0.03052	0.03664	6.08E-04	2.22E-06	9.83E-04	0.001593	6.21E-04	2.19E-06	1.09E-03	1.72E-03	5.90E-04	2.78E-06	2.10E-03	2.69E-03
4792	484863.09, 3861377.25	0.0401	0.03141	0.03686	6.15E-04	2.29E-06	9.89E-04	0.001606	6.29E-04	2.25E-06	1.10E-03	1.73E-03	5.97E-04	2.86E-06	2.11E-03	2.71E-03
4793	485363.09, 3861377.25	0.04028	0.03134	0.03682	6.18E-04	2.28E-06	9.88E-04	0.001608	6.32E-04	2.25E-06	1.10E-03	1.73E-03	6.00E-04	2.85E-06	2.11E-03	2.71E-03
4794	485863.09, 3861377.25	0.04082	0.03278	0.03712	6.26E-04	2.39E-06	9.96E-04	0.001624	6.40E-04	2.35E-06	1.11E-03	1.75E-03	6.08E-04	2.98E-06	2.13E-03	2.74E-03
4795	486363.09, 3861377.25	0.04071	0.03091	0.0367	6.25E-04	2.25E-06	9.84E-04	0.001611	6.38E-04	2.21E-06	1.09E-03	1.74E-03	6.06E-04	2.81E-06	2.10E-03	2.71E-03
4796	486863.09, 3861377.25	0.04043	0.02951	0.03625	6.20E-04	2.15E-06	9.72E-04	0.001595	6.34E-04	2.11E-06	1.08E-03	1.72E-03	6.02E-04	2.68E-06	2.08E-03	2.68E-03
4797	487363.09, 3861377.25	0.04008	0.02938	0.03612	6.15E-04	2.14E-06	9.69E-04	0.001586	6.28E-04	2.11E-06	1.08E-03	1.71E-03	5.97E-04	2.67E-06	2.07E-03	2.67E-03
4798	487863.09, 3861377.25	0.03986	0.03162	0.03622	6.12E-04	2.30E-06	9.71E-04	0.001585	6.25E-04	2.27E-06	1.08E-03	1.71E-03	5.94E-04	2.88E-06	2.07E-03	2.67E-03

4799	488363.09, 3861377.25	0.03957	0.03088	0.03645	6.07E-04	2.25E-06	9.78E-04	0.001587	6.20E-04	2.21E-06	1.09E-03	1.71E-03	5.89E-04	2.81E-06	2.09E-03	2.68E-03
4800	488863.09, 3861377.25	0.04003	0.03118	0.03752	6.14E-04	2.27E-06	1.01E-03	0.001623	6.28E-04	2.23E-06	1.12E-03	1.75E-03	5.96E-04	2.84E-06	2.15E-03	2.75E-03
4801	489363.09, 3861377.25	0.04026	0.03215	0.03803	6.18E-04	2.34E-06	1.02E-03	0.00164	6.31E-04	2.30E-06	1.13E-03	1.77E-03	6.00E-04	2.92E-06	2.18E-03	2.78E-03
4802	489863.09, 3861377.25	0.04068	0.03264	0.03899	6.24E-04	2.38E-06	1.05E-03	0.001672	6.38E-04	2.34E-06	1.16E-03	1.80E-03	6.06E-04	2.97E-06	2.23E-03	2.84E-03
4803	490363.09, 3861377.25	0.04104	0.03334	0.03979	6.30E-04	2.43E-06	1.07E-03	0.001699	6.43E-04	2.39E-06	1.19E-03	1.83E-03	6.11E-04	3.03E-06	2.28E-03	2.89E-03
4804	490863.09, 3861377.25	0.04113	0.03395	0.04039	6.31E-04	2.47E-06	1.08E-03	0.001717	6.45E-04	2.43E-06	1.20E-03	1.85E-03	6.13E-04	3.09E-06	2.31E-03	2.93E-03
4805	491363.09, 3861377.25	0.03968	0.03317	0.0392	6.09E-04	2.41E-06	1.05E-03	0.001663	6.22E-04	2.38E-06	1.17E-03	1.79E-03	5.91E-04	3.02E-06	2.25E-03	2.84E-03
4806	491863.09, 3861377.25	0.03765	0.03142	0.03723	5.78E-04	2.29E-06	9.99E-04	0.001579	5.90E-04	2.25E-06	1.11E-03	1.70E-03	5.61E-04	2.86E-06	2.13E-03	2.70E-03
4807	492363.09, 3861377.25	0.03673	0.03048	0.03645	5.64E-04	2.22E-06	9.78E-04	0.001543	5.76E-04	2.18E-06	1.09E-03	1.67E-03	5.47E-04	2.77E-06	2.09E-03	2.64E-03
4808	492863.09, 3861377.25	0.03692	0.0304	0.03678	5.67E-04	2.21E-06	9.86E-04	0.001555	5.79E-04	2.18E-06	1.10E-03	1.68E-03	5.50E-04	2.77E-06	2.11E-03	2.66E-03
4809	493363.09, 3861377.25	0.03789	0.03108	0.03796	5.81E-04	2.26E-06	1.02E-03	0.001602	5.94E-04	2.23E-06	1.13E-03	1.73E-03	5.64E-04	2.83E-06	2.17E-03	2.74E-03
4810	493863.09, 3861377.25	0.03861	0.032	0.03906	5.92E-04	2.33E-06	1.05E-03	0.001642	6.05E-04	2.29E-06	1.17E-03	1.77E-03	5.75E-04	2.91E-06	2.24E-03	2.82E-03
4811	494363.09, 3861377.25	0.03881	0.03278	0.03966	5.96E-04	2.39E-06	1.06E-03	0.001662	6.09E-04	2.35E-06	1.18E-03	1.79E-03	5.78E-04	2.98E-06	2.27E-03	2.85E-03
4812	494863.09, 3861377.25	0.03856	0.03322	0.03971	5.92E-04	2.42E-06	1.07E-03	0.001659	6.05E-04	2.38E-06	1.18E-03	1.79E-03	5.74E-04	3.02E-06	2.27E-03	2.85E-03
4813	495363.09, 3861377.25	0.03788	0.03326	0.03923	5.81E-04	2.42E-06	1.05E-03	0.001636	5.94E-04	2.38E-06	1.17E-03	1.77E-03	5.64E-04	3.03E-06	2.25E-03	2.81E-03
4814	495863.09, 3861377.25	0.03688	0.03289	0.03834	5.66E-04	2.39E-06	1.03E-03	0.001597	5.78E-04	2.36E-06	1.14E-03	1.72E-03	5.49E-04	2.99E-06	2.20E-03	2.75E-03
4815	496363.09, 3861377.25	0.03636	0.0328	0.03797	5.58E-04	2.39E-06	1.02E-03	0.001579	5.70E-04	2.35E-06	1.13E-03	1.71E-03	5.42E-04	2.98E-06	2.18E-03	2.72E-03
4816	496863.09, 3861377.25	0.03595	0.03267	0.03777	5.52E-04	2.38E-06	1.01E-03	0.001567	5.64E-04	2.34E-06	1.13E-03	1.69E-03	5.36E-04	2.97E-06	2.16E-03	2.70E-03
4817	497363.09, 3861377.25	0.03504	0.03193	0.03693	5.38E-04	2.32E-06	9.90E-04	0.00153	5.49E-04	2.29E-06	1.10E-03	1.65E-03	5.22E-04	2.90E-06	2.12E-03	2.64E-03
4818	497863.09, 3861377.25	0.03415	0.03116	0.03605	5.24E-04	2.27E-06	9.67E-04	0.001493	5.35E-04	2.23E-06	1.08E-03	1.61E-03	5.09E-04	2.83E-06	2.07E-03	2.58E-03
4819	498363.09, 3861377.25	0.03334	0.03048	0.03524	5.12E-04	2.22E-06	9.45E-04	0.001459	5.23E-04	2.18E-06	1.05E-03	1.58E-03	4.97E-04	2.77E-06	2.02E-03	2.52E-03
4820	471363.09, 3861877.25	0.01015	0.01029	0.01005	1.56E-04	7.49E-07	2.70E-04	0.000426	1.59E-04	7.37E-07	3.00E-04	4.60E-04	1.51E-04	9.36E-07	5.76E-04	7.28E-04
4821	471863.09, 3861877.25	0.01058	0.01002	0.01047	1.62E-04	7.29E-07	2.81E-04	0.000444	1.66E-04	7.18E-07	3.12E-04	4.79E-04	1.58E-04	9.11E-07	6.00E-04	7.58E-04
4822	472363.09, 3861877.25	0.01105	0.00998	0.01093	1.70E-04	7.26E-07	2.93E-04	0.000463	1.73E-04	7.15E-07	3.26E-04	5.00E-04	1.65E-04	9.08E-07	6.26E-04	7.92E-04
4823	472863.09, 3861877.25	0.01156	0.01028	0.01143	1.77E-04	7.48E-07	3.07E-04	0.000485	1.81E-04	7.37E-07	3.41E-04	5.23E-04	1.72E-04	9.35E-07	6.55E-04	8.28E-04
4824	473363.09, 3861877.25	0.01211	0.0109	0.01195	1.86E-04	7.93E-07	3.21E-04	0.000507	1.90E-04	7.81E-07	3.56E-04	5.47E-04	1.80E-04	9.91E-07	6.85E-04	8.66E-04
4825	473863.09, 3861877.25	0.01264	0.01171	0.01246	1.94E-04	8.52E-07	3.34E-04	0.000529	1.98E-04	8.39E-07	3.72E-04	5.71E-04	1.88E-04	1.07E-06	7.14E-04	9.03E-04
4826	474363.09, 3861877.25	0.01323	0.01249	0.01302	2.03E-04	9.09E-07	3.49E-04	0.000553	2.07E-04	8.95E-07	3.88E-04	5.97E-04	1.97E-04	1.14E-06	7.46E-04	9.44E-04
4827	474863.09, 3861877.25	0.01379	0.01304	0.01356	2.12E-04	9.49E-07	3.64E-04	0.000576	2.16E-04	9.34E-07	4.05E-04	6.22E-04	2.05E-04	1.19E-06	7.77E-04	9.83E-04
4828	475363.09, 3861877.25	0.01443	0.01341	0.01415	2.21E-04	9.76E-07	3.80E-04	0.000602	2.26E-04	9.61E-07	4.22E-04	6.49E-04	2.15E-04	1.22E-06	8.11E-04	1.03E-03
4829	475863.09, 3861877.25	0.01515	0.01375	0.01483	2.32E-04	1.00E-06	3.98E-04	0.000631	2.38E-04	9.85E-07	4.42E-04	6.81E-04	2.26E-04	1.25E-06	8.50E-04	1.08E-03
4830	476363.09, 3861877.25	0.01576	0.01409	0.0155	2.42E-04	1.03E-06	4.16E-04	0.000659	2.47E-04	1.01E-06	4.62E-04	7.11E-04	2.35E-04	1.28E-06	8.88E-04	1.12E-03
4831	476863.09, 3861877.25	0.01614	0.01468	0.01599	2.48E-04	1.07E-06	4.29E-04	0.000678	2.53E-04	1.05E-06	4.77E-04	7.31E-04	2.40E-04	1.34E-06	9.16E-04	1.16E-03
4832	477363.09, 3861877.25	0.01634	0.01599	0.01624	2.51E-04	1.16E-06	4.36E-04	0.000687	2.56E-04	1.15E-06	4.84E-04	7.42E-04	2.43E-04	1.45E-06	9.30E-04	1.18E-03
4833	477863.09, 3861877.25	0.01322	0.01384	0.01318	2.03E-04	1.01E-06	3.53E-04	0.000557	2.07E-04	9.92E-07	3.93E-04	6.01E-04	1.97E-04	1.26E-06	7.55E-04	9.53E-04
4834	478363.09, 3861877.25	0.0063	0.00608	0.00594	9.67E-05	4.43E-07	1.59E-04	0.000256	9.88E-05	4.36E-07	1.77E-04	2.76E-04	9.39E-05	5.53E-07	3.40E-04	4.35E-04
4835	478863.09, 3861877.25	0.0111	0.01064	0.01092	1.70E-04	7.75E-07	2.93E-04	0.000464	1.74E-04	7.62E-07	3.26E-04	5.01E-04	1.65E-04	9.68E-07	6.26E-04	7.92E-04
4836	479363.09, 3861877.25	0.01006	0.00931	0.00979	1.54E-04	6.78E-07	2.63E-04	0.000418	1.58E-04	6.67E-07	2.92E-04	4.50E-04	1.50E-04	8.47E-07	5.61E-04	7.12E-04
4837	479863.09, 3861877.25	0.02163	0.02052	0.02128	3.32E-04	1.49E-06	5.71E-04	0.000904	3.39E-04	1.47E-06	6.35E-04	9.75E-04	3.22E-04	1.87E-06	1.22E-03	1.54E-03
4838	480363.09, 3861877.25	0.02432	0.02231	0.02334	3.73E-04	1.62E-06	6.26E-04	0.001001	3.81E-04	1.60E-06	6.96E-04	1.08E-03	3.62E-04	2.03E-06	1.34E-03	1.70E-03
4839	480863.09, 3861877.25	0.02566	0.02214	0.02449	3.94E-04	1.61E-06	6.57E-04	0.001052	4.02E-04	1.59E-06	7.31E-04	1.13E-03	3.82E-04	2.01E-06	1.40E-03	1.79E-03
4840	481363.09, 3861877.25	0.02698	0.0225	0.0256	4.14E-04	1.64E-06	6.87E-04	0.001102	4.23E-04	1.61E-06	7.64E-04	1.19E-03	4.02E-04	2.05E-06	1.47E-03	1.87E-03
4841	481863.09, 3861877.25	0.0284	0.02398	0.02672	4.36E-04	1.75E-06	7.17E-04	0.001154	4.45E-04	1.72E-06	7.97E-04	1.24E-03	4.23E-04	2.18E-06	1.53E-03	1.96E-03
4842	482363.09, 3861877.25	0.02984	0.02475	0.02792	4.58E-04	1.80E-06	7.49E-04	0.001209	4.68E-04	1.77E-06	8.33E-04	1.30E-03	4.45E-04	2.25E-06	1.60E-03	2.05E-03
4843	482863.09, 3861877.25	0.0312	0.0255	0.02915	4.79E-04	1.86E-06	7.82E-04	0.001262	4.89E-04	1.83E-06	8.70E-04	1.36E-03	4.65E-04	2.32E-06	1.67E-03	2.14E-03
4844	483363.09, 3861877.25	0.03235	0.02635	0.03011	4.96E-04	1.92E-06	8.08E-04	0.001306	5.07E-04	1.89E-06	8.98E-04	1.41E-03	4.82E-04	2.40E-06	1.72E-03	2.21E-03
4845	483863.09, 3861877.25	0.03331	0.02638	0.03081	5.11E-04	1.92E-06	8.26E-04	0.001339	5.22E-04	1.89E-06	9.19E-04	1.44E-03	4.96E-04	2.40E-06	1.76E-03	2.26E-03
4846	484363.09, 3861877.25	0.03395	0.02643	0.03121	5.21E-04	1.92E-06	8.37E-04	0.00136	5.32E-04	1.89E-06	9.31E-04	1.47E-03	5.06E-04	2.40E-06	1.79E-03	2.30E-03
4847	484863.09, 3861877.25	0.03461	0.02642	0.03178	5.31E-04	1.92E-06	8.52E-04	0.001385	5.43E-04	1.89E-06	9.48E-04	1.49E-03	5.16E-04	2.40E-06	1.82E-03	2.34E-03
4848	485363.09, 3861877.25	0.03472	0.02714	0.0317	5.33E-04	1.98E-06	8.50E-04	0.001385	5.44E-04	1.94E-06	9.46E-04	1.49E-03	5.17E-04	2.47E-06	1.82E-03	2.34E-03
4849	485863.09, 3861877.25	0.03442	0.02806	0.03118	5.28E-04	2.04E-06	8.36E-04	0.001366	5.40E-04	2.01E-06	9.30E-04	1.47E-03	5.13E-04	2.55E-06	1.79E-03	2.30E-03
4850	486363.09, 3861877.25	0.03433	0.02664	0.03082	5.27E-04	1.94E-06	8.27E-04	0.001355	5.38E-04	1.91E-06	9.19E-04	1.46E-03	5.11E-04	2.42E-06	1.77E-03	2.28E-03
4851	486863.09, 3861877.25	0.03401	0.02525	0.03044	5.22E-04	1.84E-06	8.16E-04	0.00134	5.33E-04	1.81E-06	9.08E-04	1.44E-03	5.07E-04	2.30E-06	1.74E-03	2.25E-03
4852	487363.09, 3861877.25	0.03367	0.02461	0.0303	5.17E-04	1.79E-06	8.13E-04	0.001331	5.28E-04	1.76E-06	9.04E-04	1.43E-03	5.02E-04	2.24E-06	1.74E-03	2.24E-03
4853	487863.09, 3861877.25	0.0334	0.02665	0.03035	5.13E-04	1.94E-06	8.14E-04	0.001328	5.24E-04	1.91E-06	9.05E-04	1.43E-03	4.98E-04	2.42E-06	1.74E-03	2.24E-03
4854	488363.09, 3861877.25	0.03313	0.02687	0.03052	5.08E-04	1.96E-06	8.19E-04	0.001329	5.19E-04	1.93E-06	9.10E-04	1.43E-03	4.94E-04	2.44E-06	1.75E-03	2.24E-03
4855	488863.09, 3861877.25	0.03313	0.0261	0.03102	5.08E-04	1.90E-06	8.32E-04	0.001342	5.19E-04	1.87E-06	9.25E-04	1.45E-03	4.94E-04	2.37E-06	1.78E-03	2.27E-03
4856	489363.09, 3861877.25	0.0332	0.02688	0.03131	5.09E-04	1.96E-06	8.40E-04	0.001351	5.21E-04	1.93E-06	9.34E-04	1.46E-03	4.95E-04	2.45E-06	1.79E-03	2.29E-03
4857	489863.09, 3861877.25	0.03348	0.02732	0.03194	5.14E-04	1.99E-06	8.57E-04	0.001372	5.25E-04	1.96E-06	9.53E-04	1.48E-03	4.99E-04	2.49E-06	1.83E-03	2.33E-03
4858	490363.09, 3861877.25	0.03343	0.02746	0.0322	5.13E-04	2.00E-06	8.64E-04	0.001379	5.24E-04	1.97E-06	9.61E-04	1.49E-03	4.98E-04	2.50E-06	1.84E-03	2.35E-03
4859	490863.09, 3861877.25	0.03378	0.02809	0.03293	5.18E-04	2.04E-06	8.83E-04	0.001404	5.30E-04	2.01E-06	9.82E-04	1.51E-03	5.03E-04	2.56E-06	1.89E-03	2.39E-03
4860	491363.09, 3861877.25	0.03409	0.02877	0.03366	5.23E-04	2.09E-06	9.03E-04	0.001428	5.35E-04	2.06E-06	1.00E-03	1.54E-03	5.08E-04	2.62E-06	1.93E-03	2.44E-03
4861	491863.09, 3861877.25	0.03326	0.02841	0.03304	5.10E-04	2.07E-06	8.86E-04	0.001399	5.21E-04	2.04E-06	9.86E-04	1.51E-03	4.95E-04	2.58E-06	1.89E-03	2.39E-03
4862	492363.09, 3861877.25	0.03143	0.02684	0.03122	4.82E-04	1.95E-06	8.37E-04	0.001322	4.93E-04	1.92E-06	9.31E-04	1.43E-03	4.68E-04	2.44E-06	1.79E-03	2.26E-03
4863	492863.09, 3861877.25	0.03043	0.02588	0.0303	4.67E-04	1.88E-06	8.13E-04	0.001281	4.77E-04	1.85E-06	9.04E-04	1.38E-03	4.53E-04	2.35E-06	1.74E-03	2.19E-03
4864	493363.09, 3861877.25	0.03022	0.02562	0.03024	4.64E-04	1.86E-06	8.11E-04	0.001277	4.74E-04	1.84E-06	9.02E-04	1.38E-03	4.50E-04	2.33E-06	1.73E-03	2.18E-03
4865	493863.09, 3861877.25	0.03064	0.02583	0.03079	4.70E-04	1.88E-06	8.26E-04	0.001298	4.80E-04	1.85E-06	9.19E-04	1.40E-03	4.56E-04	2.35E-06	1.76E-03	2.22E-03
4866	494363.09, 3861877.25	0.03135	0.02642	0.03171	4.81E-04	1.92E-06	8.50E-04	0.001333	4.92E-04	1.89E-06	9.46E-04	1.44E-03	4.67E-04	2.40E-06	1.82E-03	2.29E-03
4867	494863.09, 3861877.25	0.03204	0.02729	0.03271	4.92E-04	1.99E-06	8.77E-04	0.001371	5.02E-04	1.96E-06	9.76E-04	1.48E-03	4.77E-04	2.48E-06	1.87E-03	2.35E-03
4868	495363.09, 3861877.25	0.03215	0.02788	0.03313	4.93E-04	2.03E-06	8.89E-04	0.001384	5.04E-04	2.00E-06	9.88E-04	1.49E-03	4.79E-04	2.54E-06	1.90E-03	2.38E-03
4869	495863.09, 3861877.25	0.03184	0.02814	0.03304	4.89E-04	2.05E-06	8.86E-04	0.001377	4.99E-04	2.02E-06	9.86E-04	1.49E-03	4.74E-04	2.56E-06	1.89E-03	2.37E-03
4870	496363.09, 3861877.25	0.03141	0.02824	0.03275	4.82E-04	2.06E-06	8.78E-04	0.001362	4.92E-04	2.02E-06	9.77E-04	1.47E-03	4.68E-04	2.57E-06	1.88E-03	2.35E-03
4871	496863.09, 3861877.25	0.03215	0.02937	0.03382	4.93E-04	2.14E-06	9.07E-04	0.001403	5.04E-04	2.10E-06	1.01E-03	1.52E-03	4.79E-04	2.67E-06	1.94E-03	2.42E-03
4872	497363.09, 3861877.25	0.03067	0.02824	0.03225	4.71E-04	2.06E-06	8.65E-04	0.001338	4.81E-04	2.02E-06	9.62E-04	1.44E-03	4.57E-04	2.57E-06	1.85E-03	2.31E-03
4873	497863.09, 3861877.25	0.02968	0.02744	0.03124	4.55E-04	2.00E-06	8.38E-04	0.001295	4.65E-04	1.97E-06	9.32E-04	1.40E-03	4.42E-04	2.50E-06	1.79E-03	2.23E-03
4874	498363.09, 3861877.25	0.02893	0.02679	0.03052	4.44E-04	1.95E-06	8.19E-04	0.001264	4.54E-04	1.92E-06	9.10E-04	1.37E-03	4.31E-04	2.44E-06	1.75E-03	2.18E-03
4875	471363.09, 3862377.25	0.00991	0.0091	0.00981	1.52E-04	6.62E-07	2.63E-04	0.000416	1.55E-04	6.52E-07	2.93E-04	4.49E-04	1.48E-04	8.28E-07	5.62E-04	7.10E-04
4876	471863.09, 3862377.25	0.0103	0.0092	0.01019	1.58E-04	6.70E-07	2.73E-04	0.000432	1.61E-04	6.59E-07	3.04E-04	4.66E-04	1.53E-04	8.37E-07	5.84E-04	7.38E-04
4877	472363.09, 3862377.25	0.01076	0.00958	0.01062	1.65E-04	6.97E-07	2.85E-04	0.000451	1.69E-04	6.86E-07	3.17E-04	4.86E-04	1.60E-04	8.71E-07	6.08E-04	7.70E-04
4878	472863.09, 3862377.25	0.01123	0.01016	0.01106	1.72E-04	7.40E-07	2.97E-04	0.00047	1.76E-04	7.28E-07	3.30E-04	5.07E-04	1.67E-04	9.24E-07	6.34E-04	8.02E-04
4879	473363.09, 3862377.25	0.01171	0.0108	0.01151	1.80E-04	7.86E-07	3.09E-04	0.000489	1.84E-04	7.74E-07	3.43E-04	5.28E-04	1.74E-04	9.82E-07	6.59E-04	8.35E-04
4880	473863.09, 3862377.25	0.01221	0.01135	0.01196	1.87E-04	8.26E-07	3.21E-04	0.000509	1.91E-04	8.13E-07	3.57E-04	5.49E-04	1.82E-04	1.03E-06	6.85E-04	8.68E-04
4881	474363.09, 3862377.25	0.01269	0.01176	0.0124	1.95E-04	8.56E-07	3.33E-04	0.000528	1.99E-04	8.43E-07	3.70E-04	5.70E-04	1.89E-04	1.07E-06	7.10E-04	9.00E-04
4882	474863.09, 3862377.25	0.01311	0.01202	0.01283	2.01E-04	8.75E-07	3.44E-04	0.000546	2.06E-04	8.61E-07	3.83E-04	5.89E-04	1.95E-04	1.09E-06	7.35E-04	9.31E-04
4883	475363.09, 3862377.25	0.01374	0.01247	0.01341	2.11E-04	9.08E-07	3.60E-04	0.000571	2.15E-04	8.94E-07	4.00E-04	6.16E-04	2.05E-04	1.13E-06	7.68E-04	9.74E-04
4884	475863.09, 3862377.25	0.01437	0.01309	0.01402	2.21E-04	9.53E-07	3.76E-04	0.000597	2.25E-04	9.38E-07	4.18E-04	6.44E-04	2.14E-04	1.19E-06	8.03E-04	1.02E-03
4885	476363.09, 3862377.25	0.01498	0.01407	0.01463	2.30E-04	1.02E-06	3.92E-04	0.000623	2.35E-04	1.01E-06	4.36E-04	6.72E-04	2.23E-04	1.28E-06	8.38E-04	1.06E-03
4886	476863.09, 3862377.25	0.01558	0.01553	0.01522	2.39E-04	1.13E-06	4.08E-04	0.000648	2.44E-04	1.11E-06	4.54E-04	6.99E-04	2.32E-04	1.41E-06	8.72E-04	1.11E-03
4887	477363.09, 3862377.25	0.01596	0.01671	0.01562	2.45E-04	1.22E-06	4.19E-04	0.000665	2.50E-04	1.20E-06	4.66E-04	7.17E-04	2.38E-04	1.52E-06	8.95E-04	1.13E-03
4888	477863.09, 3862377.25	0.01413	0.0145	0.01409	2.17E-04	1.06E-06	3.78E-04	0.000596	2.22E-04	1.04E-06	4.20E-04	6.43E-04	2.10E-04	1.32E-06	8.07E-04	1.02E-03
4889	478363.09, 3862377.25	0.01147	0.01088	0.0114	1.76E-04	7.92E-07	3.06E-04	0.000483	1.80E-04	7.80E-07	3.40E-04	5.21E-04	1.71E-04	9.90E-07	6.53E-04	8.25E-04
4890	478863.09, 3862377.25	0.01231	0.01129	0.01226	1.89E-04	8.22E-07	3.29E-04	0.000519	1.93E-04	8.09E-07	3.66E-04	5.60E-04	1.83E-04	1.03E-06	7.02E-04	8.87E-04
4891	479363.09, 3862377.25	0.01488	0.01424	0.01488	2.28E-04	1.04E-06	3.99E-04	0.000628	2.33E-04	1.02E-06	4.44E-04	6.78E-04	2.22E-04	1.30E-06	8.52E-04	1.08E-03
4892	479863.09, 3862377.25	0.0203	0.01962	0.01965	3.12E-04	1.43E-06	5.27E-04	0.00084	3.18E-04	1.41E-06	5.86E-04	9.06E-04	3.02E-04	1.78E-06	1.13E-03	1.43E-03
4893	480363.09, 3862377.25	0.02213	0.01998	0.02102	3.40E-04	1.45E-06	5.64E-04	0.000905	3.47E-04	1.43E-06	6.27E-04	9.75E-04	3.30E-04	1.82E-06	1.20E-03	1.54E-03
4894	480863.09, 3862377.25	0.02323	0.01956	0.02192	3.56E-04	1.42E-06	5.88E-04	0.000946	3.64E-04	1.40E-06	6.54E-04	1.02E-03	3.46E-04	1.78E-06	1.26E-03	1.60E-03
4895	481363.09, 3862377.25	0.02436	0.02013	0.02289	3.74E-04	1.47E-06	6.14E-04	0.000989	3.82E-04	1.44E-06	6.83E-04	1.07E-03	3.63E-04	1.83E-06	1.31E-03	1.68E-03
4896	481863.09, 3862377.25	0.0255	0.0216	0.02386	3.91E-04	1.57E-06	6.40E-04	0.001033	4.00E-04	1.55E-06	7.12E-04	1.11E-03	3.80E-04	1.96E-06	1.37E-03	1.75E-03

4897	482363.09, 3862377.25	0.02662	0.02243	0.02489	4.08E-04	1.63E-06	6.68E-04	0.001078	4.17E-04	1.61E-06	7.43E-04	1.16E-03	3.97E-04	2.04E-06	1.43E-03	1.82E-03
4898	482863.09, 3862377.25	0.02765	0.02286	0.02582	4.24E-04	1.66E-06	6.93E-04	0.001118	4.34E-04	1.64E-06	7.70E-04	1.21E-03	4.12E-04	2.08E-06	1.48E-03	1.89E-03
4899	483363.09, 3862377.25	0.02857	0.02332	0.02653	4.38E-04	1.70E-06	7.12E-04	0.001152	4.48E-04	1.67E-06	7.91E-04	1.24E-03	4.26E-04	2.12E-06	1.52E-03	1.95E-03
4900	483863.09, 3862377.25	0.02912	0.02346	0.02681	4.47E-04	1.71E-06	7.19E-04	0.001168	4.57E-04	1.68E-06	8.00E-04	1.26E-03	4.34E-04	2.13E-06	1.54E-03	1.97E-03
4901	484363.09, 3862377.25	0.02966	0.02299	0.02722	4.55E-04	1.67E-06	7.30E-04	0.001187	4.65E-04	1.65E-06	8.12E-04	1.28E-03	4.42E-04	2.09E-06	1.56E-03	2.00E-03
4902	484863.09, 3862377.25	0.0297	0.02213	0.0271	4.56E-04	1.61E-06	7.27E-04	0.001184	4.66E-04	1.59E-06	8.08E-04	1.28E-03	4.42E-04	2.01E-06	1.55E-03	2.00E-03
4903	485363.09, 3862377.25	0.02968	0.02349	0.02693	4.55E-04	1.71E-06	7.22E-04	0.001179	4.65E-04	1.68E-06	8.03E-04	1.27E-03	4.42E-04	2.14E-06	1.54E-03	1.99E-03
4904	485863.09, 3862377.25	0.02972	0.02436	0.02681	4.56E-04	1.77E-06	7.19E-04	0.001177	4.66E-04	1.75E-06	8.00E-04	1.27E-03	4.43E-04	2.22E-06	1.54E-03	1.98E-03
4905	486363.09, 3862377.25	0.02942	0.02332	0.02633	4.51E-04	1.70E-06	7.06E-04	0.001159	4.61E-04	1.67E-06	7.85E-04	1.25E-03	4.38E-04	2.12E-06	1.51E-03	1.95E-03
4906	486863.09, 3862377.25	0.02907	0.02205	0.026	4.46E-04	1.61E-06	6.97E-04	0.001145	4.56E-04	1.58E-06	7.76E-04	1.23E-03	4.33E-04	2.01E-06	1.49E-03	1.92E-03
4907	487363.09, 3862377.25	0.02873	0.02101	0.02575	4.41E-04	1.53E-06	6.91E-04	0.001133	4.50E-04	1.51E-06	7.68E-04	1.22E-03	4.28E-04	1.91E-06	1.48E-03	1.90E-03
4908	487863.09, 3862377.25	0.02855	0.0225	0.02587	4.38E-04	1.64E-06	6.94E-04	0.001134	4.48E-04	1.61E-06	7.72E-04	1.22E-03	4.25E-04	2.05E-06	1.48E-03	1.91E-03
4909	488363.09, 3862377.25	0.02833	0.02359	0.02605	4.35E-04	1.72E-06	6.99E-04	0.001135	4.44E-04	1.69E-06	7.77E-04	1.22E-03	4.22E-04	2.15E-06	1.49E-03	1.92E-03
4910	488863.09, 3862377.25	0.0283	0.02285	0.02645	4.34E-04	1.66E-06	7.09E-04	0.001145	4.44E-04	1.64E-06	7.89E-04	1.23E-03	4.22E-04	2.08E-06	1.52E-03	1.94E-03
4911	489363.09, 3862377.25	0.02841	0.0229	0.02676	4.36E-04	1.67E-06	7.18E-04	0.001155	4.45E-04	1.64E-06	7.98E-04	1.25E-03	4.23E-04	2.08E-06	1.53E-03	1.96E-03
4912	489863.09, 3862377.25	0.02863	0.02378	0.0272	4.39E-04	1.73E-06	7.30E-04	0.001171	4.49E-04	1.70E-06	8.11E-04	1.26E-03	4.27E-04	2.16E-06	1.56E-03	1.99E-03
4913	490363.09, 3862377.25	0.02877	0.02383	0.02763	4.41E-04	1.73E-06	7.41E-04	0.001184	4.51E-04	1.71E-06	8.24E-04	1.28E-03	4.29E-04	2.17E-06	1.58E-03	2.01E-03
4914	490863.09, 3862377.25	0.0288	0.02407	0.02787	4.42E-04	1.75E-06	7.47E-04	0.001191	4.52E-04	1.72E-06	8.31E-04	1.28E-03	4.29E-04	2.19E-06	1.60E-03	2.03E-03
4915	491363.09, 3862377.25	0.02904	0.02456	0.02845	4.46E-04	1.79E-06	7.63E-04	0.00121	4.55E-04	1.76E-06	8.49E-04	1.31E-03	4.33E-04	2.23E-06	1.63E-03	2.06E-03
4916	491863.09, 3862377.25	0.02911	0.02499	0.02886	4.47E-04	1.82E-06	7.74E-04	0.001223	4.56E-04	1.79E-06	8.61E-04	1.32E-03	4.34E-04	2.27E-06	1.65E-03	2.09E-03
4917	492363.09, 3862377.25	0.02851	0.02476	0.02844	4.37E-04	1.80E-06	7.63E-04	0.001202	4.47E-04	1.77E-06	8.48E-04	1.30E-03	4.25E-04	2.25E-06	1.63E-03	2.06E-03
4918	492863.09, 3862377.25	0.02722	0.02366	0.02714	4.18E-04	1.72E-06	7.28E-04	0.001147	4.27E-04	1.70E-06	8.10E-04	1.24E-03	4.05E-04	2.15E-06	1.55E-03	1.96E-03
4919	493363.09, 3862377.25	0.02622	0.02269	0.02617	4.02E-04	1.65E-06	7.02E-04	0.001106	4.11E-04	1.63E-06	7.81E-04	1.19E-03	3.91E-04	2.06E-06	1.50E-03	1.89E-03
4920	493863.09, 3862377.25	0.02578	0.02228	0.02585	3.96E-04	1.62E-06	6.93E-04	0.001091	4.04E-04	1.60E-06	7.71E-04	1.18E-03	3.84E-04	2.03E-06	1.48E-03	1.87E-03
4921	494363.09, 3862377.25	0.0258	0.02226	0.026	3.96E-04	1.62E-06	6.97E-04	0.001095	4.05E-04	1.59E-06	7.76E-04	1.18E-03	3.84E-04	2.02E-06	1.49E-03	1.88E-03
4922	494863.09, 3862377.25	0.02629	0.02259	0.02662	4.03E-04	1.64E-06	7.14E-04	0.001119	4.12E-04	1.62E-06	7.94E-04	1.21E-03	3.92E-04	2.05E-06	1.52E-03	1.92E-03
4923	495363.09, 3862377.25	0.02672	0.02301	0.02725	4.10E-04	1.67E-06	7.31E-04	0.001143	4.19E-04	1.65E-06	8.13E-04	1.23E-03	3.98E-04	2.09E-06	1.56E-03	1.96E-03
4924	495863.09, 3862377.25	0.02708	0.0236	0.02787	4.16E-04	1.72E-06	7.47E-04	0.001165	4.25E-04	1.69E-06	8.31E-04	1.26E-03	4.03E-04	2.15E-06	1.60E-03	2.00E-03
4925	496363.09, 3862377.25	0.02709	0.02402	0.02811	4.16E-04	1.75E-06	7.54E-04	0.001171	4.25E-04	1.72E-06	8.39E-04	1.27E-03	4.04E-04	2.18E-06	1.61E-03	2.02E-03
4926	496863.09, 3862377.25	0.02712	0.02449	0.02833	4.16E-04	1.78E-06	7.60E-04	0.001178	4.25E-04	1.75E-06	8.45E-04	1.27E-03	4.04E-04	2.23E-06	1.62E-03	2.03E-03
4927	497363.09, 3862377.25	0.02653	0.02433	0.02782	4.07E-04	1.77E-06	7.46E-04	0.001155	4.16E-04	1.74E-06	8.30E-04	1.25E-03	3.95E-04	2.21E-06	1.59E-03	1.99E-03
4928	497863.09, 3862377.25	0.02596	0.02411	0.0273	3.98E-04	1.76E-06	7.32E-04	0.001132	4.07E-04	1.73E-06	8.14E-04	1.22E-03	3.87E-04	2.19E-06	1.56E-03	1.95E-03
4929	498363.09, 3862377.25	0.02527	0.02365	0.02662	3.88E-04	1.72E-06	7.14E-04	0.001103	3.96E-04	1.69E-06	7.94E-04	1.19E-03	3.76E-04	2.15E-06	1.52E-03	1.90E-03
4930	471363.09, 3862877.25	0.00963	0.00849	0.00951	1.48E-04	6.18E-07	2.55E-04	0.000403	1.51E-04	6.08E-07	2.84E-04	4.35E-04	1.43E-04	7.72E-07	5.45E-04	6.89E-04
4931	471863.09, 3862877.25	0.01001	0.00888	0.00986	1.54E-04	6.46E-07	2.64E-04	0.000419	1.57E-04	6.36E-07	2.94E-04	4.52E-04	1.49E-04	8.08E-07	5.65E-04	7.15E-04
4932	472363.09, 3862877.25	0.01041	0.0094	0.01022	1.60E-04	6.84E-07	2.74E-04	0.000435	1.63E-04	6.74E-07	3.05E-04	4.69E-04	1.55E-04	8.55E-07	5.85E-04	7.41E-04
4933	472863.09, 3862877.25	0.01081	0.00992	0.01059	1.66E-04	7.22E-07	2.84E-04	0.000451	1.69E-04	7.11E-07	3.16E-04	4.86E-04	1.61E-04	9.02E-07	6.07E-04	7.69E-04
4934	473363.09, 3862877.25	0.01124	0.01039	0.01101	1.72E-04	7.56E-07	2.95E-04	0.000469	1.76E-04	7.44E-07	3.28E-04	5.05E-04	1.67E-04	9.45E-07	6.31E-04	7.99E-04
4935	473863.09, 3862877.25	0.01165	0.01081	0.01139	1.79E-04	7.87E-07	3.05E-04	0.000485	1.83E-04	7.75E-07	3.40E-04	5.23E-04	1.74E-04	9.83E-07	6.52E-04	8.27E-04
4936	474363.09, 3862877.25	0.01206	0.01121	0.01173	1.85E-04	8.16E-07	3.15E-04	0.0005	1.89E-04	8.03E-07	3.50E-04	5.40E-04	1.80E-04	1.02E-06	6.72E-04	8.53E-04
4937	474863.09, 3862877.25	0.01249	0.01156	0.01214	1.92E-04	8.41E-07	3.26E-04	0.000518	1.96E-04	8.28E-07	3.62E-04	5.59E-04	1.86E-04	1.05E-06	6.95E-04	8.83E-04
4938	475363.09, 3862877.25	0.01301	0.01218	0.0127	2.00E-04	8.87E-07	3.41E-04	0.000541	2.04E-04	8.73E-07	3.79E-04	5.84E-04	1.94E-04	1.11E-06	7.28E-04	9.22E-04
4939	475863.09, 3862877.25	0.01355	0.01302	0.01322	2.08E-04	9.48E-07	3.55E-04	0.000563	2.12E-04	9.33E-07	3.94E-04	6.08E-04	2.02E-04	1.18E-06	7.57E-04	9.60E-04
4940	476363.09, 3862877.25	0.01412	0.01384	0.01375	2.17E-04	1.01E-06	3.69E-04	0.000586	2.21E-04	9.92E-07	4.10E-04	6.33E-04	2.10E-04	1.26E-06	7.88E-04	9.99E-04
4941	476863.09, 3862877.25	0.01469	0.01468	0.01419	2.25E-04	1.07E-06	3.81E-04	0.000607	2.30E-04	1.05E-06	4.23E-04	6.55E-04	2.19E-04	1.34E-06	8.13E-04	1.03E-03
4942	477363.09, 3862877.25	0.0152	0.0148	0.0147	2.33E-04	1.08E-06	3.94E-04	0.000629	2.38E-04	1.06E-06	4.39E-04	6.78E-04	2.26E-04	1.35E-06	8.42E-04	1.07E-03
4943	477863.09, 3862877.25	0.01501	0.01385	0.01475	2.30E-04	1.01E-06	3.96E-04	0.000627	2.35E-04	9.92E-07	4.40E-04	6.76E-04	2.24E-04	1.26E-06	8.45E-04	1.07E-03
4944	478363.09, 3862877.25	0.01311	0.01189	0.01308	2.01E-04	8.65E-07	3.51E-04	0.000553	2.06E-04	8.52E-07	3.90E-04	5.97E-04	1.95E-04	1.08E-06	7.49E-04	9.46E-04
4945	478863.09, 3862877.25	0.01384	0.01317	0.01378	2.12E-04	9.59E-07	3.70E-04	0.000583	2.17E-04	9.44E-07	4.11E-04	6.29E-04	2.06E-04	1.20E-06	7.89E-04	9.97E-04
4946	479363.09, 3862877.25	0.01494	0.01491	0.01473	2.29E-04	1.09E-06	3.95E-04	0.000625	2.34E-04	1.07E-06	4.39E-04	6.75E-04	2.23E-04	1.36E-06	8.44E-04	1.07E-03
4947	479863.09, 3862877.25	0.01929	0.01816	0.0183	2.96E-04	1.32E-06	4.91E-04	0.000788	3.02E-04	1.30E-06	5.46E-04	8.50E-04	2.87E-04	1.65E-06	1.05E-03	1.34E-03
4948	480363.09, 3862877.25	0.02027	0.01765	0.01902	3.11E-04	1.28E-06	5.10E-04	0.000822	3.18E-04	1.26E-06	5.67E-04	8.86E-04	3.02E-04	1.61E-06	1.09E-03	1.39E-03
4949	480863.09, 3862877.25	0.02117	0.01732	0.01989	3.25E-04	1.26E-06	5.33E-04	0.00086	3.32E-04	1.24E-06	5.93E-04	9.27E-04	3.15E-04	1.58E-06	1.14E-03	1.46E-03
4950	481363.09, 3862877.25	0.02206	0.01839	0.02068	3.39E-04	1.34E-06	5.55E-04	0.000895	3.46E-04	1.32E-06	6.17E-04	9.64E-04	3.29E-04	1.67E-06	1.18E-03	1.51E-03
4951	481863.09, 3862877.25	0.02306	0.02004	0.02165	3.54E-04	1.46E-06	5.81E-04	0.000936	3.62E-04	1.44E-06	6.46E-04	1.01E-03	3.44E-04	1.82E-06	1.24E-03	1.59E-03
4952	482363.09, 3862877.25	0.02386	0.02024	0.02227	3.66E-04	1.47E-06	5.97E-04	0.000965	3.74E-04	1.45E-06	6.64E-04	1.04E-03	3.55E-04	1.84E-06	1.28E-03	1.63E-03
4953	482863.09, 3862877.25	0.02471	0.0203	0.02298	3.79E-04	1.48E-06	6.16E-04	0.000997	3.87E-04	1.45E-06	6.86E-04	1.07E-03	3.68E-04	1.85E-06	1.32E-03	1.69E-03
4954	483363.09, 3862877.25	0.02538	0.02097	0.02347	3.89E-04	1.53E-06	6.29E-04	0.00102	3.98E-04	1.50E-06	7.00E-04	1.10E-03	3.78E-04	1.91E-06	1.34E-03	1.72E-03
4955	483863.09, 3862877.25	0.02575	0.02094	0.02366	3.95E-04	1.52E-06	6.35E-04	0.001031	4.04E-04	1.50E-06	7.06E-04	1.11E-03	3.84E-04	1.90E-06	1.36E-03	1.74E-03
4956	484363.09, 3862877.25	0.02598	0.01978	0.02373	3.99E-04	1.44E-06	6.36E-04	0.001037	4.07E-04	1.42E-06	7.08E-04	1.12E-03	3.87E-04	1.80E-06	1.36E-03	1.75E-03
4957	484863.09, 3862877.25	0.02586	0.0191	0.02345	3.97E-04	1.39E-06	6.29E-04	0.001027	4.05E-04	1.37E-06	7.00E-04	1.11E-03	3.85E-04	1.74E-06	1.34E-03	1.73E-03
4958	485363.09, 3862877.25	0.02588	0.0207	0.02337	3.97E-04	1.51E-06	6.27E-04	0.001025	4.06E-04	1.48E-06	6.97E-04	1.10E-03	3.86E-04	1.88E-06	1.34E-03	1.73E-03
4959	485863.09, 3862877.25	0.02576	0.0211	0.02311	3.95E-04	1.54E-06	6.20E-04	0.001017	4.04E-04	1.51E-06	6.89E-04	1.09E-03	3.84E-04	1.92E-06	1.32E-03	1.71E-03
4960	486363.09, 3862877.25	0.02572	0.02077	0.02298	3.95E-04	1.51E-06	6.16E-04	0.001013	4.03E-04	1.49E-06	6.86E-04	1.09E-03	3.83E-04	1.89E-06	1.32E-03	1.70E-03
4961	486863.09, 3862877.25	0.02525	0.01956	0.02255	3.87E-04	1.42E-06	6.05E-04	0.000994	3.96E-04	1.40E-06	6.73E-04	1.07E-03	3.76E-04	1.78E-06	1.29E-03	1.67E-03
4962	487363.09, 3862877.25	0.02497	0.01839	0.0223	3.83E-04	1.34E-06	5.98E-04	0.000983	3.92E-04	1.32E-06	6.65E-04	1.06E-03	3.72E-04	1.67E-06	1.28E-03	1.65E-03
4963	487863.09, 3862877.25	0.02477	0.01917	0.02235	3.80E-04	1.40E-06	5.99E-04	0.000981	3.88E-04	1.37E-06	6.67E-04	1.06E-03	3.69E-04	1.74E-06	1.28E-03	1.65E-03
4964	488363.09, 3862877.25	0.02465	0.02062	0.02259	3.78E-04	1.50E-06	6.06E-04	0.000986	3.86E-04	1.48E-06	6.74E-04	1.06E-03	3.67E-04	1.88E-06	1.29E-03	1.66E-03
4965	488863.09, 3862877.25	0.02456	0.02044	0.02289	3.77E-04	1.49E-06	6.14E-04	0.000992	3.85E-04	1.46E-06	6.83E-04	1.07E-03	3.66E-04	1.86E-06	1.31E-03	1.68E-03
4966	489363.09, 3862877.25	0.02455	0.01988	0.02306	3.77E-04	1.45E-06	6.18E-04	0.000997	3.85E-04	1.42E-06	6.88E-04	1.07E-03	3.66E-04	1.81E-06	1.32E-03	1.69E-03
4967	489863.09, 3862877.25	0.02471	0.02048	0.02338	3.79E-04	1.49E-06	6.27E-04	0.001008	3.87E-04	1.47E-06	6.97E-04	1.09E-03	3.68E-04	1.86E-06	1.34E-03	1.71E-03
4968	490363.09, 3862877.25	0.02485	0.02096	0.02378	3.81E-04	1.53E-06	6.38E-04	0.001021	3.90E-04	1.50E-06	7.09E-04	1.10E-03	3.70E-04	1.91E-06	1.36E-03	1.73E-03
4969	490863.09, 3862877.25	0.02492	0.0209	0.024	3.82E-04	1.52E-06	6.44E-04	0.001028	3.91E-04	1.50E-06	7.16E-04	1.11E-03	3.71E-04	1.90E-06	1.37E-03	1.75E-03
4970	491363.09, 3862877.25	0.02514	0.02132	0.02442	3.86E-04	1.55E-06	6.55E-04	0.001042	3.94E-04	1.53E-06	7.29E-04	1.12E-03	3.75E-04	1.94E-06	1.40E-03	1.78E-03
4971	491863.09, 3862877.25	0.02511	0.02155	0.02468	3.85E-04	1.57E-06	6.62E-04	0.001049	3.94E-04	1.54E-06	7.36E-04	1.13E-03	3.74E-04	1.96E-06	1.41E-03	1.79E-03
4972	492363.09, 3862877.25	0.02535	0.02206	0.02522	3.89E-04	1.61E-06	6.76E-04	0.001067	3.97E-04	1.58E-06	7.52E-04	1.15E-03	3.78E-04	2.01E-06	1.44E-03	1.82E-03
4973	492863.09, 3862877.25	0.02489	0.02191	0.02491	3.82E-04	1.59E-06	6.68E-04	0.001052	3.90E-04	1.57E-06	7.43E-04	1.13E-03	3.71E-04	1.99E-06	1.43E-03	1.80E-03
4974	493363.09, 3862877.25	0.0239	0.02107	0.0239	3.67E-04	1.53E-06	6.41E-04	0.001009	3.75E-04	1.51E-06	7.13E-04	1.09E-03	3.56E-04	1.92E-06	1.37E-03	1.73E-03
4975	493863.09, 3862877.25	0.02305	0.02023	0.02305	3.54E-04	1.47E-06	6.18E-04	0.000973	3.61E-04	1.45E-06	6.88E-04	1.05E-03	3.43E-04	1.84E-06	1.32E-03	1.67E-03
4976	494363.09, 3862877.25	0.02253	0.01975	0.02262	3.46E-04	1.44E-06	6.07E-04	0.000954	3.53E-04	1.42E-06	6.75E-04	1.03E-03	3.36E-04	1.80E-06	1.30E-03	1.63E-03
4977	494863.09, 3862877.25	0.02222	0.0195	0.02242	3.41E-04	1.42E-06	6.01E-04	0.000944	3.48E-04	1.40E-06	6.69E-04	1.02E-03	3.31E-04	1.77E-06	1.28E-03	1.62E-03
4978	495363.09, 3862877.25	0.02234	0.01957	0.02265	3.43E-04	1.42E-06	6.07E-04	0.000952	3.50E-04	1.40E-06	6.76E-04	1.03E-03	3.33E-04	1.78E-06	1.30E-03	1.63E-03
4979	495863.09, 3862877.25	0.02277	0.0199	0.02321	3.49E-04	1.45E-06	6.23E-04	0.000973	3.57E-04	1.43E-06	6.92E-04	1.05E-03	3.39E-04	1.81E-06	1.33E-03	1.67E-03
4980	496363.09, 3862877.25	0.02323	0.02039	0.02387	3.56E-04	1.48E-06	6.40E-04	0.000998	3.64E-04	1.46E-06	7.12E-04	1.08E-03	3.46E-04	1.85E-06	1.37E-03	1.72E-03
4981	496863.09, 3862877.25	0.02349	0.02087	0.02435	3.60E-04	1.52E-06	6.53E-04	0.001015	3.68E-04	1.50E-06	7.26E-04	1.10E-03	3.50E-04	1.90E-06	1.39E-03	1.75E-03
4982	497363.09, 3862877.25	0.02341	0.02116	0.02445	3.59E-04	1.54E-06	6.56E-04	0.001017	3.67E-04	1.52E-06	7.29E-04	1.10E-03	3.49E-04	1.92E-06	1.40E-03	1.75E-03
4983	497863.09, 3862877.25	0.02316	0.0213	0.02432	3.55E-04	1.55E-06	6.52E-04	0.001009	3.63E-04	1.53E-06	7.26E-04	1.09E-03	3.45E-04	1.94E-06	1.39E-03	1.74E-03
4984	498363.09, 3862877.25	0.02286	0.02133	0.02411	3.51E-04	1.55E-06	6.47E-04	0.000999	3.58E-04	1.53E-06	7.19E-04	1.08E-03	3.41E-04	1.94E-06	1.38E-03	1.72E-03
4985	471363.09, 3863377.25	0.00931	0.00825	0.00917	1.43E-04	6.01E-07	2.46E-04	0.000389	1.46E-04	5.91E-07	2.74E-04	4.20E-04	1.39E-04	7.50E-07	5.25E-04	6.65E-04
4986	471863.09, 3863377.25	0.00964	0.00872	0.00947	1.48E-04	6.35E-07	2.54E-04	0.000403	1.51E-04	6.25E-07	2.83E-04	4.34E-04	1.44E-04	7.93E-07	5.42E-04	6.87E-04
4987	472363.09, 3863377.25	0.00998	0.00917	0.00979	1.53E-04	6.68E-07	2.63E-04	0.000416	1.56E-04	6.57E-07	2.92E-04	4.49E-04	1.49E-04	8.34E-07	5.61E-04	7.10E-04
4988	472863.09, 3863377.25	0.01033	0.00958	0.0101	1.59E-04	6.97E-07	2.71E-04	0.00043	1.62E-04	6.86E-07	3.01E-04	4.64E-04	1.54E-04	8.71E-07	5.79E-04	7.33E-04
4989	473363.09, 3863377.25	0.01069	0.01002	0.01042	1.64E-04	7.29E-07	2.79E-04	0.000444	1.68E-04	7.18E-07	3.11E-04	4.79E-04	1.59E-04	9.11E-07	5.97E-04	7.57E-04
4990	473863.09, 3863377.25	0.01105	0.01046	0.01075	1.70E-04	7.61E-07	2.88E-04	0.000459	1.73E-04	7.49E-07	3.21E-04	4.95E-04	1.65E-04	9.51E-07	6.16E-04	7.81E-04
4991	474363.09, 3863377.25	0.01142	0.01087	0.0111	1.75E-04	7.91E-07	2.98E-04	0.000474	1.79E-04	7.79E-07	3.31E-04	5.11E-04	1.70E-04	9.89E-07	6.36E-04	8.07E-04
4992	474863.09, 3863377.25	0.01185	0.01128	0.01148	1.82E-04	8.21E-07	3.08E-04	0.000491	1.86E-04	8.08E-07	3.42E-04	5.29E-04	1.77E-04	1.03E-06	6.58E-04	8.35E-04
4993	475363.09, 3863377.25	0.01228	0.01177	0.01191	1.88E-04	8.57E-07	3.19E-04	0.000509	1.93E-04	8.43E-07	3.55E-04	5.49E-04	1.83E-04	1.07E-06	6.82E-04	8.66E-04
4994	475863.09, 3863377.25	0.01276	0.01231	0.01236	1.96E-04	8.96E-07	3.32E-04	0.000528	2.00E-04	8.82E-07	3.69E-04	5.70E-04	1.90E-04	1.12E-06	7.08E-04	8.99E-04

4995	476363.09, 3863377.25	0.01329	0.0128	0.0128	2.04E-04	9.32E-07	3.43E-04	0.000548	2.08E-04	9.17E-07	3.82E-04	5.91E-04	1.98E-04	1.16E-06	7.33E-04	9.32E-04
4996	476863.09, 3863377.25	0.01384	0.01309	0.01327	2.12E-04	9.53E-07	3.56E-04	0.000569	2.17E-04	9.38E-07	3.96E-04	6.14E-04	2.06E-04	1.19E-06	7.60E-04	9.68E-04
4997	477363.09, 3863377.25	0.01435	0.01315	0.01378	2.20E-04	9.57E-07	3.70E-04	0.000591	2.25E-04	9.42E-07	4.11E-04	6.37E-04	2.14E-04	1.20E-06	7.89E-04	1.00E-03
4998	477863.09, 3863377.25	0.01469	0.01316	0.01415	2.25E-04	9.58E-07	3.80E-04	0.000606	2.30E-04	9.43E-07	4.22E-04	6.53E-04	2.19E-04	1.20E-06	8.11E-04	1.03E-03
4999	478363.09, 3863377.25	0.01448	0.0136	0.01413	2.22E-04	9.90E-07	3.79E-04	0.000602	2.27E-04	9.74E-07	4.22E-04	6.50E-04	2.16E-04	1.24E-06	8.09E-04	1.03E-03
5000	478863.09, 3863377.25	0.01547	0.01514	0.01495	2.37E-04	1.10E-06	4.01E-04	0.000639	2.43E-04	1.08E-06	4.46E-04	6.90E-04	2.30E-04	1.38E-06	8.56E-04	1.09E-03
5001	479363.09, 3863377.25	0.01688	0.01632	0.01598	2.59E-04	1.19E-06	4.29E-04	0.000689	2.65E-04	1.17E-06	4.77E-04	7.43E-04	2.51E-04	1.48E-06	9.15E-04	1.17E-03
5002	479863.09, 3863377.25	0.01786	0.01612	0.01672	2.74E-04	1.17E-06	4.48E-04	0.000724	2.80E-04	1.16E-06	4.99E-04	7.80E-04	2.66E-04	1.47E-06	9.58E-04	1.23E-03
5003	480363.09, 3863377.25	0.01856	0.01548	0.01738	2.85E-04	1.13E-06	4.66E-04	0.000752	2.91E-04	1.11E-06	5.18E-04	8.11E-04	2.76E-04	1.41E-06	9.96E-04	1.27E-03
5004	480863.09, 3863377.25	0.01933	0.01574	0.01815	2.97E-04	1.15E-06	4.87E-04	0.000785	3.03E-04	1.13E-06	5.41E-04	8.46E-04	2.88E-04	1.43E-06	1.04E-03	1.33E-03
5005	481363.09, 3863377.25	0.02004	0.01724	0.01877	3.08E-04	1.25E-06	5.03E-04	0.000812	3.14E-04	1.24E-06	5.60E-04	8.75E-04	2.99E-04	1.57E-06	1.08E-03	1.38E-03
5006	481863.09, 3863377.25	0.02081	0.01827	0.01942	3.19E-04	1.33E-06	5.21E-04	0.000842	3.26E-04	1.31E-06	5.79E-04	9.07E-04	3.10E-04	1.66E-06	1.11E-03	1.42E-03
5007	482363.09, 3863377.25	0.02153	0.01803	0.02003	3.30E-04	1.31E-06	5.37E-04	0.000869	3.38E-04	1.29E-06	5.98E-04	9.36E-04	3.21E-04	1.64E-06	1.15E-03	1.47E-03
5008	482863.09, 3863377.25	0.02212	0.01827	0.02052	3.39E-04	1.33E-06	5.50E-04	0.000891	3.47E-04	1.31E-06	6.12E-04	9.60E-04	3.30E-04	1.66E-06	1.18E-03	1.51E-03
5009	483363.09, 3863377.25	0.02259	0.01894	0.02085	3.47E-04	1.38E-06	5.59E-04	0.000907	3.54E-04	1.36E-06	6.22E-04	9.78E-04	3.37E-04	1.72E-06	1.19E-03	1.53E-03
5010	483863.09, 3863377.25	0.02282	0.01852	0.0209	3.50E-04	1.35E-06	5.61E-04	0.000912	3.58E-04	1.33E-06	6.23E-04	9.83E-04	3.40E-04	1.68E-06	1.20E-03	1.54E-03
5011	484363.09, 3863377.25	0.02285	0.01703	0.02075	3.51E-04	1.24E-06	5.57E-04	0.000908	3.58E-04	1.22E-06	6.19E-04	9.79E-04	3.40E-04	1.55E-06	1.19E-03	1.53E-03
5012	484863.09, 3863377.25	0.02288	0.01703	0.02064	3.51E-04	1.24E-06	5.54E-04	0.000906	3.59E-04	1.22E-06	6.16E-04	9.76E-04	3.41E-04	1.55E-06	1.18E-03	1.52E-03
5013	485363.09, 3863377.25	0.02271	0.01825	0.02039	3.48E-04	1.33E-06	5.47E-04	0.000897	3.56E-04	1.31E-06	6.08E-04	9.66E-04	3.38E-04	1.66E-06	1.17E-03	1.51E-03
5014	485863.09, 3863377.25	0.02265	0.01847	0.02022	3.48E-04	1.34E-06	5.42E-04	0.000891	3.55E-04	1.32E-06	6.03E-04	9.60E-04	3.37E-04	1.68E-06	1.16E-03	1.50E-03
5015	486363.09, 3863377.25	0.02256	0.0185	0.02013	3.46E-04	1.35E-06	5.40E-04	0.000887	3.54E-04	1.33E-06	6.01E-04	9.56E-04	3.36E-04	1.68E-06	1.15E-03	1.49E-03
5016	486863.09, 3863377.25	0.0223	0.01763	0.01989	3.42E-04	1.28E-06	5.33E-04	0.000877	3.50E-04	1.26E-06	5.93E-04	9.44E-04	3.32E-04	1.60E-06	1.14E-03	1.47E-03
5017	487363.09, 3863377.25	0.02204	0.01645	0.01962	3.38E-04	1.20E-06	5.26E-04	0.000866	3.46E-04	1.18E-06	5.85E-04	9.32E-04	3.28E-04	1.50E-06	1.12E-03	1.45E-03
5018	487863.09, 3863377.25	0.0218	0.01666	0.01957	3.35E-04	1.21E-06	5.25E-04	0.000861	3.42E-04	1.19E-06	5.84E-04	9.27E-04	3.25E-04	1.52E-06	1.12E-03	1.45E-03
5019	488363.09, 3863377.25	0.02167	0.01787	0.01974	3.33E-04	1.30E-06	5.29E-04	0.000863	3.40E-04	1.28E-06	5.89E-04	9.30E-04	3.23E-04	1.63E-06	1.13E-03	1.46E-03
5020	488863.09, 3863377.25	0.02159	0.01834	0.02004	3.31E-04	1.34E-06	5.37E-04	0.00087	3.39E-04	1.31E-06	5.98E-04	9.38E-04	3.22E-04	1.67E-06	1.15E-03	1.47E-03
5021	489363.09, 3863377.25	0.0215	0.01778	0.02015	3.30E-04	1.29E-06	5.40E-04	0.000872	3.37E-04	1.27E-06	6.01E-04	9.39E-04	3.20E-04	1.62E-06	1.15E-03	1.48E-03
5022	489863.09, 3863377.25	0.02155	0.01771	0.0203	3.31E-04	1.29E-06	5.44E-04	0.000876	3.38E-04	1.27E-06	6.06E-04	9.45E-04	3.21E-04	1.61E-06	1.16E-03	1.49E-03
5023	490363.09, 3863377.25	0.02169	0.01841	0.02065	3.33E-04	1.34E-06	5.54E-04	0.000888	3.40E-04	1.32E-06	6.16E-04	9.57E-04	3.23E-04	1.67E-06	1.18E-03	1.51E-03
5024	490863.09, 3863377.25	0.0219	0.01862	0.02104	3.36E-04	1.36E-06	5.64E-04	0.000902	3.43E-04	1.33E-06	6.28E-04	9.72E-04	3.26E-04	1.69E-06	1.21E-03	1.53E-03
5025	491363.09, 3863377.25	0.02186	0.01854	0.02109	3.35E-04	1.35E-06	5.66E-04	0.000902	3.43E-04	1.33E-06	6.29E-04	9.73E-04	3.26E-04	1.69E-06	1.21E-03	1.54E-03
5026	491863.09, 3863377.25	0.02185	0.01876	0.02126	3.35E-04	1.37E-06	5.70E-04	0.000907	3.43E-04	1.34E-06	6.34E-04	9.78E-04	3.26E-04	1.71E-06	1.22E-03	1.55E-03
5027	492363.09, 3863377.25	0.02227	0.01934	0.02196	3.42E-04	1.41E-06	5.89E-04	0.000932	3.49E-04	1.39E-06	6.55E-04	1.01E-03	3.32E-04	1.76E-06	1.26E-03	1.59E-03
5028	492863.09, 3863377.25	0.02286	0.02012	0.02285	3.51E-04	1.46E-06	6.13E-04	0.000965	3.58E-04	1.44E-06	6.82E-04	1.04E-03	3.41E-04	1.83E-06	1.31E-03	1.65E-03
5029	493363.09, 3863377.25	0.02276	0.02026	0.02292	3.49E-04	1.47E-06	6.15E-04	0.000965	3.57E-04	1.45E-06	6.84E-04	1.04E-03	3.39E-04	1.84E-06	1.31E-03	1.65E-03
5030	493863.09, 3863377.25	0.02183	0.01949	0.02197	3.35E-04	1.42E-06	5.89E-04	0.000926	3.42E-04	1.40E-06	6.55E-04	9.99E-04	3.25E-04	1.77E-06	1.26E-03	1.59E-03
5031	494363.09, 3863377.25	0.02079	0.01847	0.02086	3.19E-04	1.34E-06	5.59E-04	0.00088	3.26E-04	1.32E-06	6.22E-04	9.50E-04	3.10E-04	1.68E-06	1.19E-03	1.51E-03
5032	494863.09, 3863377.25	0.0203	0.01799	0.02042	3.12E-04	1.31E-06	5.48E-04	0.00086	3.18E-04	1.29E-06	6.09E-04	9.29E-04	3.02E-04	1.64E-06	1.17E-03	1.47E-03
5033	495363.09, 3863377.25	0.02018	0.01792	0.02043	3.10E-04	1.30E-06	5.48E-04	0.000859	3.16E-04	1.28E-06	6.09E-04	9.27E-04	3.01E-04	1.63E-06	1.17E-03	1.47E-03
5034	495863.09, 3863377.25	0.02024	0.018	0.02062	3.11E-04	1.31E-06	5.53E-04	0.000865	3.17E-04	1.29E-06	6.15E-04	9.34E-04	3.02E-04	1.64E-06	1.18E-03	1.48E-03
5035	496363.09, 3863377.25	0.01996	0.01771	0.02037	3.06E-04	1.29E-06	5.46E-04	0.000854	3.13E-04	1.27E-06	6.08E-04	9.22E-04	2.97E-04	1.61E-06	1.17E-03	1.47E-03
5036	496863.09, 3863377.25	0.01998	0.01772	0.02049	3.07E-04	1.29E-06	5.50E-04	0.000857	3.13E-04	1.27E-06	6.11E-04	9.26E-04	2.98E-04	1.61E-06	1.17E-03	1.47E-03
5037	497363.09, 3863377.25	0.02033	0.01814	0.02102	3.12E-04	1.32E-06	5.64E-04	0.000877	3.19E-04	1.30E-06	6.27E-04	9.47E-04	3.03E-04	1.65E-06	1.20E-03	1.51E-03
5038	497863.09, 3863377.25	0.02057	0.01859	0.02145	3.16E-04	1.35E-06	5.75E-04	0.000892	3.23E-04	1.33E-06	6.40E-04	9.64E-04	3.06E-04	1.69E-06	1.23E-03	1.54E-03
5039	498363.09, 3863377.25	0.02054	0.01888	0.02158	3.15E-04	1.37E-06	5.79E-04	0.000895	3.22E-04	1.35E-06	6.44E-04	9.67E-04	3.06E-04	1.72E-06	1.24E-03	1.54E-03
5040	471363.09, 3863877.25	0.00894	0.00813	0.00877	1.37E-04	5.92E-07	2.35E-04	0.000373	1.40E-04	5.83E-07	2.62E-04	4.02E-04	1.33E-04	7.40E-07	5.02E-04	6.36E-04
5041	471863.09, 3863877.25	0.00921	0.00855	0.00902	1.41E-04	6.22E-07	2.42E-04	0.000384	1.44E-04	6.13E-07	2.69E-04	4.14E-04	1.37E-04	7.78E-07	5.17E-04	6.55E-04
5042	472363.09, 3863877.25	0.00952	0.00894	0.00929	1.46E-04	6.51E-07	2.49E-04	0.000396	1.49E-04	6.41E-07	2.77E-04	4.27E-04	1.42E-04	8.13E-07	5.32E-04	6.75E-04
5043	472863.09, 3863877.25	0.00982	0.00938	0.00956	1.51E-04	6.83E-07	2.56E-04	0.000408	1.54E-04	6.72E-07	2.85E-04	4.40E-04	1.46E-04	8.53E-07	5.48E-04	6.95E-04
5044	473363.09, 3863877.25	0.01014	0.00976	0.00982	1.56E-04	7.10E-07	2.63E-04	0.00042	1.59E-04	6.99E-07	2.93E-04	4.53E-04	1.51E-04	8.88E-07	5.63E-04	7.14E-04
5045	473863.09, 3863877.25	0.01045	0.01006	0.01012	1.60E-04	7.32E-07	2.71E-04	0.000433	1.64E-04	7.21E-07	3.02E-04	4.66E-04	1.56E-04	9.15E-07	5.80E-04	7.36E-04
5046	474363.09, 3863877.25	0.01079	0.01028	0.01043	1.66E-04	7.48E-07	2.80E-04	0.000446	1.69E-04	7.37E-07	3.11E-04	4.81E-04	1.61E-04	9.35E-07	5.97E-04	7.59E-04
5047	474863.09, 3863877.25	0.01116	0.01051	0.01075	1.71E-04	7.65E-07	2.88E-04	0.00046	1.75E-04	7.53E-07	3.21E-04	4.96E-04	1.66E-04	9.56E-07	6.16E-04	7.83E-04
5048	475363.09, 3863877.25	0.01157	0.01085	0.01113	1.78E-04	7.90E-07	2.99E-04	0.000477	1.81E-04	7.77E-07	3.32E-04	5.14E-04	1.72E-04	9.87E-07	6.38E-04	8.11E-04
5049	475863.09, 3863877.25	0.012	0.01125	0.01148	1.84E-04	8.19E-07	3.08E-04	0.000493	1.88E-04	8.06E-07	3.42E-04	5.31E-04	1.79E-04	1.02E-06	6.58E-04	8.37E-04
5050	476363.09, 3863877.25	0.01246	0.01164	0.01186	1.91E-04	8.47E-07	3.18E-04	0.00051	1.95E-04	8.34E-07	3.54E-04	5.50E-04	1.86E-04	1.06E-06	6.79E-04	8.66E-04
5051	476863.09, 3863877.25	0.01294	0.0119	0.01227	1.99E-04	8.66E-07	3.29E-04	0.000529	2.03E-04	8.53E-07	3.66E-04	5.70E-04	1.93E-04	1.08E-06	7.03E-04	8.97E-04
5052	477363.09, 3863877.25	0.01345	0.01227	0.01275	2.06E-04	8.93E-07	3.42E-04	0.000549	2.11E-04	8.79E-07	3.80E-04	5.92E-04	2.00E-04	1.12E-06	7.30E-04	9.32E-04
5053	477863.09, 3863877.25	0.01392	0.01285	0.01328	2.14E-04	9.35E-07	3.56E-04	0.000571	2.18E-04	9.21E-07	3.96E-04	6.15E-04	2.07E-04	1.17E-06	7.61E-04	9.69E-04
5054	478363.09, 3863877.25	0.01417	0.01365	0.01354	2.17E-04	9.94E-07	3.63E-04	0.000582	2.22E-04	9.78E-07	4.04E-04	6.27E-04	2.11E-04	1.24E-06	7.76E-04	9.88E-04
5055	478863.09, 3863877.25	0.01522	0.01461	0.01441	2.34E-04	1.06E-06	3.86E-04	0.000621	2.39E-04	1.05E-06	4.30E-04	6.70E-04	2.27E-04	1.33E-06	8.25E-04	1.05E-03
5056	479363.09, 3863877.25	0.01591	0.01474	0.01493	2.44E-04	1.07E-06	4.00E-04	0.000646	2.49E-04	1.06E-06	4.45E-04	6.96E-04	2.37E-04	1.34E-06	8.55E-04	1.09E-03
5057	479863.09, 3863877.25	0.01648	0.01426	0.01542	2.53E-04	1.04E-06	4.14E-04	0.000667	2.58E-04	1.02E-06	4.60E-04	7.19E-04	2.46E-04	1.30E-06	8.83E-04	1.13E-03
5058	480363.09, 3863877.25	0.01705	0.01391	0.01598	2.62E-04	1.01E-06	4.29E-04	0.000691	2.67E-04	9.97E-07	4.77E-04	7.45E-04	2.54E-04	1.27E-06	9.15E-04	1.17E-03
5059	480863.09, 3863877.25	0.01771	0.01479	0.0166	2.72E-04	1.08E-06	4.45E-04	0.000718	2.78E-04	1.06E-06	4.95E-04	7.74E-04	2.64E-04	1.35E-06	9.51E-04	1.22E-03
5060	481363.09, 3863877.25	0.01834	0.01619	0.01712	2.81E-04	1.18E-06	4.59E-04	0.000742	2.88E-04	1.16E-06	5.11E-04	7.99E-04	2.73E-04	1.47E-06	9.81E-04	1.26E-03
5061	481863.09, 3863877.25	0.01892	0.01645	0.01761	2.90E-04	1.20E-06	4.72E-04	0.000764	2.97E-04	1.18E-06	5.25E-04	8.23E-04	2.82E-04	1.50E-06	1.01E-03	1.29E-03
5062	482363.09, 3863877.25	0.01951	0.01622	0.01812	2.99E-04	1.18E-06	4.86E-04	0.000787	3.06E-04	1.16E-06	5.41E-04	8.48E-04	2.91E-04	1.48E-06	1.04E-03	1.33E-03
5063	482863.09, 3863877.25	0.01993	0.01672	0.01846	3.06E-04	1.22E-06	4.95E-04	0.000802	3.12E-04	1.20E-06	5.51E-04	8.64E-04	2.97E-04	1.52E-06	1.06E-03	1.36E-03
5064	483363.09, 3863877.25	0.02022	0.01706	0.0186	3.10E-04	1.24E-06	4.99E-04	0.00081	3.17E-04	1.22E-06	5.55E-04	8.73E-04	3.01E-04	1.55E-06	1.07E-03	1.37E-03
5065	483863.09, 3863877.25	0.02038	0.01633	0.01857	3.13E-04	1.19E-06	4.98E-04	0.000812	3.20E-04	1.17E-06	5.54E-04	8.75E-04	3.04E-04	1.49E-06	1.06E-03	1.37E-03
5066	484363.09, 3863877.25	0.02034	0.01497	0.01838	3.12E-04	1.09E-06	4.93E-04	0.000806	3.19E-04	1.07E-06	5.48E-04	8.68E-04	3.03E-04	1.36E-06	1.05E-03	1.36E-03
5067	484863.09, 3863877.25	0.02029	0.01535	0.01821	3.11E-04	1.12E-06	4.88E-04	0.000801	3.18E-04	1.10E-06	5.43E-04	8.62E-04	3.02E-04	1.40E-06	1.04E-03	1.35E-03
5068	485363.09, 3863877.25	0.02019	0.01618	0.01801	3.10E-04	1.18E-06	4.83E-04	0.000794	3.17E-04	1.16E-06	5.37E-04	8.55E-04	3.01E-04	1.47E-06	1.03E-03	1.33E-03
5069	485863.09, 3863877.25	0.02018	0.01638	0.01796	3.10E-04	1.19E-06	4.82E-04	0.000793	3.16E-04	1.17E-06	5.36E-04	8.53E-04	3.01E-04	1.49E-06	1.03E-03	1.33E-03
5070	486363.09, 3863877.25	0.02	0.01659	0.01782	3.07E-04	1.21E-06	4.78E-04	0.000786	3.14E-04	1.19E-06	5.32E-04	8.46E-04	2.98E-04	1.51E-06	1.02E-03	1.32E-03
5071	486863.09, 3863877.25	0.01979	0.01592	0.01759	3.04E-04	1.16E-06	4.72E-04	0.000777	3.10E-04	1.14E-06	5.25E-04	8.36E-04	2.95E-04	1.45E-06	1.01E-03	1.30E-03
5072	487363.09, 3863877.25	0.0196	0.01484	0.0174	3.01E-04	1.08E-06	4.67E-04	0.000769	3.07E-04	1.06E-06	5.19E-04	8.27E-04	2.92E-04	1.35E-06	9.97E-04	1.29E-03
5073	487863.09, 3863877.25	0.01939	0.01477	0.01733	2.98E-04	1.08E-06	4.65E-04	0.000763	3.04E-04	1.06E-06	5.17E-04	8.22E-04	2.89E-04	1.34E-06	9.93E-04	1.28E-03
5074	488363.09, 3863877.25	0.01928	0.01559	0.01745	2.96E-04	1.13E-06	4.68E-04	0.000765	3.02E-04	1.12E-06	5.21E-04	8.24E-04	2.87E-04	1.42E-06	1.00E-03	1.29E-03
5075	488863.09, 3863877.25	0.01919	0.01634	0.01771	2.94E-04	1.19E-06	4.75E-04	0.000771	3.01E-04	1.17E-06	5.28E-04	8.30E-04	2.86E-04	1.49E-06	1.01E-03	1.30E-03
5076	489363.09, 3863877.25	0.0191	0.01617	0.01784	2.93E-04	1.18E-06	4.78E-04	0.000773	2.99E-04	1.16E-06	5.32E-04	8.33E-04	2.85E-04	1.47E-06	1.02E-03	1.31E-03
5077	489863.09, 3863877.25	0.01909	0.01578	0.01792	2.93E-04	1.15E-06	4.81E-04	0.000775	2.99E-04	1.13E-06	5.35E-04	8.35E-04	2.84E-04	1.44E-06	1.03E-03	1.31E-03
5078	490363.09, 3863877.25	0.01916	0.01609	0.01814	2.94E-04	1.17E-06	4.87E-04	0.000782	3.00E-04	1.15E-06	5.41E-04	8.43E-04	2.85E-04	1.46E-06	1.04E-03	1.33E-03
5079	490863.09, 3863877.25	0.01931	0.01662	0.01847	2.96E-04	1.21E-06	4.95E-04	0.000793	3.03E-04	1.19E-06	5.51E-04	8.55E-04	2.88E-04	1.51E-06	1.06E-03	1.35E-03
5080	491363.09, 3863877.25	0.01942	0.01661	0.01868	2.98E-04	1.21E-06	5.01E-04	0.0008	3.04E-04	1.19E-06	5.57E-04	8.63E-04	2.89E-04	1.51E-06	1.07E-03	1.36E-03
5081	491863.09, 3863877.25	0.01983	0.01699	0.0192	3.04E-04	1.24E-06	5.15E-04	0.00082	3.11E-04	1.22E-06	5.73E-04	8.85E-04	2.95E-04	1.55E-06	1.10E-03	1.40E-03
5082	492363.09, 3863877.25	0.02005	0.01743	0.01968	3.08E-04	1.27E-06	5.28E-04	0.000837	3.14E-04	1.25E-06	5.87E-04	9.03E-04	2.99E-04	1.59E-06	1.13E-03	1.43E-03
5083	492863.09, 3863877.25	0.02013	0.0176	0.01986	3.09E-04	1.28E-06	5.33E-04	0.000843	3.16E-04	1.26E-06	5.92E-04	9.09E-04	3.00E-04	1.60E-06	1.14E-03	1.44E-03
5084	493363.09, 3863877.25	0.02073	0.01837	0.0207	3.18E-04	1.34E-06	5.55E-04	0.000875	3.25E-04	1.32E-06	6.18E-04	9.44E-04	3.09E-04	1.67E-06	1.19E-03	1.50E-03
5085	493863.09, 3863877.25	0.02055	0.01833	0.02051	3.15E-04	1.33E-06	5.50E-04	0.000867	3.22E-04	1.31E-06	6.12E-04	9.35E-04	3.06E-04	1.67E-06	1.17E-03	1.48E-03
5086	494363.09, 3863877.25	0.01962	0.01766	0.01975	3.01E-04	1.29E-06	5.30E-04	0.000832	3.08E-04	1.27E-06	5.89E-04	8.98E-04	2.92E-04	1.61E-06	1.13E-03	1.43E-03
5087	494863.09, 3863877.25	0.01873	0.01684	0.01885	2.87E-04	1.23E-06	5.06E-04	0.000794	2.94E-04	1.21E-06	5.62E-04	8.57E-04	2.79E-04	1.53E-06	1.08E-03	1.36E-03
5088	495363.09, 3863877.25	0.0182	0.01629	0.01832	2.79E-04	1.19E-06	4.91E-04	0.000772	2.85E-04	1.17E-06	5.47E-04	8.33E-04	2.71E-04	1.48E-06	1.05E-03	1.32E-03
5089	495863.09, 3863877.25	0.01798	0.01608	0.01816	2.76E-04	1.17E-06	4.87E-04	0.000764	2.82E-04	1.15E-06	5.42E-04	8.25E-04	2.68E-04	1.46E-06	1.04E-03	1.31E-03
5090	496363.09, 3863877.25	0.01774	0.01595	0.01804	2.72E-04	1.16E-06	4.84E-04	0.000757	2.78E-04	1.14E-06	5.38E-04	8.17E-04	2.64E-04	1.45E-06	1.03E-03	1.30E-03
5091	496863.09, 3863877.25	0.01764	0.01586	0.01801	2.71E-04	1.15E-06	4.83E-04	0.000755	2.77E-04	1.14E-06	5.37E-04	8.15E-04	2.63E-04	1.44E-06	1.03E-03	1.30E-03
5092	497363.09, 3863877.25	0.01772	0.0159	0.01817	2.72E-04	1.16E-06	4.87E-04	0.00076	2.78E-04	1.14E-06	5.42E-04	8.21E-04	2.64E-04	1.45E-06	1.04E-03	1.31E-03

5093	497863.09, 3863877.25	0.01799	0.01616	0.01856	2.76E-04	1.18E-06	4.98E-04	0.000775	2.82E-04	1.16E-06	5.54E-04	8.37E-04	2.68E-04	1.47E-06	1.06E-03	1.33E-03
5094	498363.09, 3863877.25	0.01817	0.01645	0.0189	2.79E-04	1.20E-06	5.07E-04	0.000787	2.85E-04	1.18E-06	5.64E-04	8.50E-04	2.71E-04	1.50E-06	1.08E-03	1.35E-03
5095	471363.09, 3864377.25	0.00855	0.00802	0.00835	1.31E-04	5.84E-07	2.24E-04	0.000356	1.34E-04	5.75E-07	2.49E-04	3.84E-04	1.27E-04	7.30E-07	4.78E-04	6.06E-04
5096	471863.09, 3864377.25	0.00879	0.00843	0.00858	1.35E-04	6.14E-07	2.30E-04	0.000366	1.38E-04	6.04E-07	2.56E-04	3.94E-04	1.31E-04	7.67E-07	4.92E-04	6.23E-04
5097	472363.09, 3864377.25	0.00905	0.00881	0.0088	1.39E-04	6.41E-07	2.36E-04	0.000376	1.42E-04	6.31E-07	2.63E-04	4.05E-04	1.35E-04	8.01E-07	5.04E-04	6.40E-04
5098	472863.09, 3864377.25	0.00931	0.0091	0.00903	1.43E-04	6.62E-07	2.42E-04	0.000386	1.46E-04	6.52E-07	2.69E-04	4.16E-04	1.39E-04	8.28E-07	5.17E-04	6.57E-04
5099	473363.09, 3864377.25	0.00959	0.00923	0.00925	1.47E-04	6.72E-07	2.48E-04	0.000396	1.50E-04	6.61E-07	2.76E-04	4.27E-04	1.43E-04	8.40E-07	5.30E-04	6.74E-04
5100	473863.09, 3864377.25	0.00988	0.00927	0.00949	1.52E-04	6.75E-07	2.55E-04	0.000407	1.55E-04	6.64E-07	2.83E-04	4.39E-04	1.47E-04	8.43E-07	5.44E-04	6.92E-04
5101	474363.09, 3864377.25	0.01019	0.00937	0.00978	1.56E-04	6.82E-07	2.62E-04	0.000419	1.60E-04	6.71E-07	2.92E-04	4.52E-04	1.52E-04	8.52E-07	5.60E-04	7.13E-04
5102	474863.09, 3864377.25	0.01051	0.0096	0.01005	1.61E-04	6.99E-07	2.70E-04	0.000432	1.65E-04	6.88E-07	3.00E-04	4.65E-04	1.57E-04	8.73E-07	5.76E-04	7.33E-04
5103	475363.09, 3864377.25	0.01088	0.01002	0.01036	1.67E-04	7.29E-07	2.78E-04	0.000446	1.71E-04	7.18E-07	3.09E-04	4.80E-04	1.62E-04	9.11E-07	5.93E-04	7.56E-04
5104	475863.09, 3864377.25	0.01126	0.01048	0.01065	1.73E-04	7.63E-07	2.86E-04	0.000459	1.77E-04	7.51E-07	3.18E-04	4.95E-04	1.68E-04	9.53E-07	6.10E-04	7.79E-04
5105	476363.09, 3864377.25	0.01168	0.01084	0.011	1.79E-04	7.89E-07	2.95E-04	0.000475	1.83E-04	7.77E-07	3.28E-04	5.12E-04	1.74E-04	9.86E-07	6.30E-04	8.05E-04
5106	476863.09, 3864377.25	0.01213	0.01115	0.01141	1.86E-04	8.12E-07	3.06E-04	0.000493	1.90E-04	7.99E-07	3.40E-04	5.31E-04	1.81E-04	1.01E-06	6.54E-04	8.35E-04
5107	477363.09, 3864377.25	0.01261	0.01164	0.01185	1.94E-04	8.47E-07	3.18E-04	0.000512	1.98E-04	8.34E-07	3.54E-04	5.52E-04	1.88E-04	1.06E-06	6.79E-04	8.68E-04
5108	477863.09, 3864377.25	0.01315	0.01238	0.01235	2.02E-04	9.01E-07	3.31E-04	0.000534	2.06E-04	8.87E-07	3.68E-04	5.75E-04	1.96E-04	1.13E-06	7.07E-04	9.04E-04
5109	478363.09, 3864377.25	0.0137	0.01303	0.01287	2.10E-04	9.48E-07	3.45E-04	0.000556	2.15E-04	9.34E-07	3.84E-04	6.00E-04	2.04E-04	1.19E-06	7.37E-04	9.43E-04
5110	478863.09, 3864377.25	0.01424	0.01334	0.01336	2.19E-04	9.71E-07	3.58E-04	0.000578	2.23E-04	9.56E-07	3.99E-04	6.23E-04	2.12E-04	1.21E-06	7.65E-04	9.79E-04
5111	479363.09, 3864377.25	0.01472	0.01316	0.01376	2.26E-04	9.58E-07	3.69E-04	0.000596	2.31E-04	9.43E-07	4.10E-04	6.42E-04	2.19E-04	1.20E-06	7.88E-04	1.01E-03
5112	479863.09, 3864377.25	0.01523	0.01277	0.01423	2.34E-04	9.30E-07	3.82E-04	0.000616	2.39E-04	9.15E-07	4.25E-04	6.64E-04	2.27E-04	1.16E-06	8.15E-04	1.04E-03
5113	480363.09, 3864377.25	0.01579	0.01295	0.01477	2.42E-04	9.43E-07	3.96E-04	0.000639	2.48E-04	9.28E-07	4.41E-04	6.89E-04	2.35E-04	1.18E-06	8.46E-04	1.08E-03
5114	480863.09, 3864377.25	0.01627	0.01399	0.0152	2.50E-04	1.02E-06	4.08E-04	0.000658	2.55E-04	1.00E-06	4.53E-04	7.10E-04	2.42E-04	1.27E-06	8.71E-04	1.11E-03
5115	481363.09, 3864377.25	0.01678	0.01487	0.01562	2.57E-04	1.08E-06	4.19E-04	0.000678	2.63E-04	1.07E-06	4.66E-04	7.30E-04	2.50E-04	1.35E-06	8.95E-04	1.15E-03
5116	481863.09, 3864377.25	0.01727	0.01479	0.01604	2.65E-04	1.08E-06	4.30E-04	0.000696	2.71E-04	1.06E-06	4.79E-04	7.50E-04	2.57E-04	1.35E-06	9.19E-04	1.18E-03
5117	482363.09, 3864377.25	0.01769	0.01482	0.01641	2.71E-04	1.08E-06	4.40E-04	0.000713	2.77E-04	1.06E-06	4.90E-04	7.68E-04	2.64E-04	1.35E-06	9.40E-04	1.20E-03
5118	482863.09, 3864377.25	0.01801	0.01529	0.01664	2.76E-04	1.11E-06	4.46E-04	0.000724	2.82E-04	1.10E-06	4.96E-04	7.80E-04	2.68E-04	1.39E-06	9.53E-04	1.22E-03
5119	483363.09, 3864377.25	0.01819	0.01531	0.01666	2.79E-04	1.11E-06	4.47E-04	0.000727	2.85E-04	1.10E-06	4.97E-04	7.83E-04	2.71E-04	1.39E-06	9.54E-04	1.23E-03
5120	483863.09, 3864377.25	0.01825	0.01436	0.01655	2.80E-04	1.05E-06	4.44E-04	0.000725	2.86E-04	1.03E-06	4.94E-04	7.81E-04	2.72E-04	1.31E-06	9.48E-04	1.22E-03
5121	484363.09, 3864377.25	0.01822	0.01342	0.01639	2.80E-04	9.77E-07	4.40E-04	0.00072	2.86E-04	9.62E-07	4.89E-04	7.76E-04	2.71E-04	1.22E-06	9.39E-04	1.21E-03
5122	484863.09, 3864377.25	0.0181	0.01391	0.01616	2.78E-04	1.01E-06	4.33E-04	0.000712	2.84E-04	9.97E-07	4.82E-04	7.67E-04	2.70E-04	1.27E-06	9.26E-04	1.20E-03
5123	485363.09, 3864377.25	0.01802	0.01434	0.01599	2.77E-04	1.04E-06	4.29E-04	0.000706	2.83E-04	1.03E-06	4.77E-04	7.61E-04	2.68E-04	1.30E-06	9.16E-04	1.19E-03
5124	485863.09, 3864377.25	0.01798	0.01452	0.01595	2.76E-04	1.06E-06	4.28E-04	0.000705	2.82E-04	1.04E-06	4.76E-04	7.59E-04	2.68E-04	1.32E-06	9.14E-04	1.18E-03
5125	486363.09, 3864377.25	0.01789	0.01494	0.01589	2.75E-04	1.09E-06	4.26E-04	0.000702	2.80E-04	1.07E-06	4.74E-04	7.56E-04	2.67E-04	1.36E-06	9.10E-04	1.18E-03
5126	486863.09, 3864377.25	0.01774	0.01448	0.0157	2.72E-04	1.05E-06	4.21E-04	0.000694	2.78E-04	1.04E-06	4.68E-04	7.48E-04	2.64E-04	1.32E-06	8.99E-04	1.16E-03
5127	487363.09, 3864377.25	0.0176	0.01353	0.01559	2.70E-04	9.85E-07	4.18E-04	0.000689	2.76E-04	9.69E-07	4.65E-04	7.42E-04	2.62E-04	1.23E-06	8.93E-04	1.16E-03
5128	487863.09, 3864377.25	0.01744	0.01333	0.01553	2.68E-04	9.70E-07	4.17E-04	0.000685	2.73E-04	9.55E-07	4.63E-04	7.38E-04	2.60E-04	1.21E-06	8.90E-04	1.15E-03
5129	488363.09, 3864377.25	0.01729	0.01376	0.01556	2.65E-04	1.00E-06	4.17E-04	0.000684	2.71E-04	9.86E-07	4.64E-04	7.36E-04	2.58E-04	1.25E-06	8.91E-04	1.15E-03
5130	488863.09, 3864377.25	0.01723	0.0145	0.01579	2.64E-04	1.06E-06	4.23E-04	0.000689	2.70E-04	1.04E-06	4.71E-04	7.42E-04	2.57E-04	1.32E-06	9.05E-04	1.16E-03
5131	489363.09, 3864377.25	0.01714	0.01469	0.01594	2.63E-04	1.07E-06	4.28E-04	0.000692	2.69E-04	1.05E-06	4.76E-04	7.45E-04	2.55E-04	1.34E-06	9.13E-04	1.17E-03
5132	489863.09, 3864377.25	0.01711	0.01441	0.016	2.63E-04	1.05E-06	4.29E-04	0.000693	2.68E-04	1.03E-06	4.77E-04	7.47E-04	2.55E-04	1.31E-06	9.17E-04	1.17E-03
5133	490363.09, 3864377.25	0.01715	0.0143	0.01615	2.63E-04	1.04E-06	4.33E-04	0.000697	2.69E-04	1.02E-06	4.82E-04	7.52E-04	2.55E-04	1.30E-06	9.25E-04	1.18E-03
5134	490863.09, 3864377.25	0.01733	0.01484	0.01649	2.66E-04	1.08E-06	4.42E-04	0.000709	2.72E-04	1.06E-06	4.92E-04	7.65E-04	2.58E-04	1.35E-06	9.45E-04	1.20E-03
5135	491363.09, 3864377.25	0.01792	0.01554	0.01726	2.75E-04	1.13E-06	4.63E-04	0.000739	2.81E-04	1.11E-06	5.15E-04	7.97E-04	2.67E-04	1.41E-06	9.89E-04	1.26E-03
5136	491863.09, 3864377.25	0.0108	0.00977	0.01071	1.66E-04	7.11E-07	2.87E-04	0.000454	1.69E-04	7.00E-07	3.20E-04	4.90E-04	1.61E-04	8.89E-07	6.14E-04	7.75E-04
5137	492363.09, 3864377.25	0.01648	0.01442	0.01634	2.53E-04	1.05E-06	4.38E-04	0.000692	2.58E-04	1.03E-06	4.87E-04	7.47E-04	2.46E-04	1.31E-06	9.36E-04	1.18E-03
5138	492863.09, 3864377.25	0.01236	0.01139	0.01247	1.90E-04	8.29E-07	3.34E-04	0.000525	1.94E-04	8.16E-07	3.72E-04	5.67E-04	1.84E-04	1.04E-06	7.14E-04	9.00E-04
5139	493363.09, 3864377.25	0.01632	0.01463	0.01634	2.50E-04	1.06E-06	4.38E-04	0.00069	2.56E-04	1.05E-06	4.87E-04	7.44E-04	2.43E-04	1.33E-06	9.36E-04	1.18E-03
5140	493863.09, 3864377.25	0.01835	0.01641	0.01837	2.82E-04	1.19E-06	4.93E-04	0.000775	2.88E-04	1.18E-06	5.48E-04	8.37E-04	2.73E-04	1.49E-06	1.05E-03	1.33E-03
5141	494363.09, 3864377.25	0.01853	0.0167	0.01861	2.84E-04	1.22E-06	4.99E-04	0.000785	2.91E-04	1.20E-06	5.55E-04	8.47E-04	2.76E-04	1.52E-06	1.07E-03	1.34E-03
5142	494863.09, 3864377.25	0.0177	0.01604	0.01782	2.72E-04	1.17E-06	4.78E-04	0.000751	2.78E-04	1.15E-06	5.32E-04	8.10E-04	2.64E-04	1.46E-06	1.02E-03	1.29E-03
5143	495363.09, 3864377.25	0.01688	0.01533	0.01702	2.59E-04	1.12E-06	4.56E-04	0.000717	2.65E-04	1.10E-06	5.08E-04	7.74E-04	2.51E-04	1.39E-06	9.75E-04	1.23E-03
5144	495863.09, 3864377.25	0.01635	0.01477	0.01647	2.51E-04	1.08E-06	4.42E-04	0.000694	2.56E-04	1.06E-06	4.91E-04	7.49E-04	2.44E-04	1.34E-06	9.43E-04	1.19E-03
5145	496363.09, 3864377.25	0.01607	0.01449	0.01623	2.47E-04	1.05E-06	4.35E-04	0.000683	2.52E-04	1.04E-06	4.84E-04	7.37E-04	2.39E-04	1.32E-06	9.30E-04	1.17E-03
5146	496863.09, 3864377.25	0.01591	0.01441	0.01617	2.44E-04	1.05E-06	4.34E-04	0.000679	2.49E-04	1.03E-06	4.82E-04	7.33E-04	2.37E-04	1.31E-06	9.26E-04	1.16E-03
5147	497363.09, 3864377.25	0.01579	0.01435	0.01613	2.42E-04	1.04E-06	4.33E-04	0.000676	2.48E-04	1.03E-06	4.81E-04	7.30E-04	2.35E-04	1.31E-06	9.24E-04	1.16E-03
5148	497863.09, 3864377.25	0.01596	0.0145	0.01639	2.45E-04	1.06E-06	4.40E-04	0.000686	2.50E-04	1.04E-06	4.89E-04	7.40E-04	2.38E-04	1.32E-06	9.39E-04	1.18E-03
5149	498363.09, 3864377.25	0.01599	0.0145	0.01649	2.45E-04	1.06E-06	4.42E-04	0.000689	2.51E-04	1.04E-06	4.92E-04	7.44E-04	2.38E-04	1.32E-06	9.45E-04	1.18E-03
5150	471363.09, 3864877.25	0.00816	0.00797	0.00794	1.25E-04	5.80E-07	2.13E-04	0.000339	1.28E-04	5.71E-07	2.37E-04	3.65E-04	1.22E-04	7.25E-07	4.55E-04	5.77E-04
5151	471863.09, 3864877.25	0.00838	0.00826	0.00813	1.29E-04	6.01E-07	2.18E-04	0.000347	1.31E-04	5.92E-07	2.43E-04	3.75E-04	1.25E-04	7.51E-07	4.66E-04	5.91E-04
5152	472363.09, 3864877.25	0.0086	0.00841	0.00831	1.32E-04	6.12E-07	2.23E-04	0.000355	1.35E-04	6.03E-07	2.48E-04	3.83E-04	1.28E-04	7.65E-07	4.76E-04	6.05E-04
5153	472863.09, 3864877.25	0.00884	0.0084	0.00849	1.36E-04	6.11E-07	2.28E-04	0.000364	1.39E-04	6.02E-07	2.53E-04	3.92E-04	1.32E-04	7.64E-07	4.86E-04	6.19E-04
5154	473363.09, 3864877.25	0.00907	0.00833	0.00868	1.39E-04	6.06E-07	2.33E-04	0.000373	1.42E-04	5.97E-07	2.59E-04	4.02E-04	1.35E-04	7.58E-07	4.97E-04	6.33E-04
5155	473863.09, 3864877.25	0.00931	0.00836	0.00889	1.43E-04	6.09E-07	2.38E-04	0.000382	1.46E-04	5.99E-07	2.65E-04	4.12E-04	1.39E-04	7.60E-07	5.09E-04	6.49E-04
5156	474363.09, 3864877.25	0.00959	0.0086	0.00913	1.47E-04	6.26E-07	2.45E-04	0.000393	1.50E-04	6.16E-07	2.72E-04	4.23E-04	1.43E-04	7.82E-07	5.23E-04	6.67E-04
5157	474863.09, 3864877.25	0.00989	0.00903	0.00937	1.52E-04	6.57E-07	2.51E-04	0.000404	1.55E-04	6.47E-07	2.80E-04	4.35E-04	1.47E-04	8.21E-07	5.37E-04	6.85E-04
5158	475363.09, 3864877.25	0.01022	0.00954	0.00963	1.57E-04	6.94E-07	2.58E-04	0.000416	1.60E-04	6.84E-07	2.87E-04	4.48E-04	1.52E-04	8.68E-07	5.52E-04	7.05E-04
5159	475863.09, 3864877.25	0.01058	0.00992	0.00991	1.62E-04	7.22E-07	2.66E-04	0.000429	1.66E-04	7.11E-07	2.96E-04	4.62E-04	1.58E-04	9.02E-07	5.68E-04	7.26E-04
5160	476363.09, 3864877.25	0.01098	0.01017	0.01026	1.68E-04	7.40E-07	2.75E-04	0.000444	1.72E-04	7.29E-07	3.06E-04	4.79E-04	1.64E-04	9.25E-07	5.88E-04	7.52E-04
5161	476863.09, 3864877.25	0.01143	0.01054	0.01069	1.75E-04	7.67E-07	2.87E-04	0.000463	1.79E-04	7.55E-07	3.19E-04	4.99E-04	1.70E-04	9.59E-07	6.12E-04	7.84E-04
5162	477363.09, 3864877.25	0.01188	0.0111	0.01112	1.82E-04	8.08E-07	2.98E-04	0.000481	1.86E-04	7.95E-07	3.32E-04	5.19E-04	1.77E-04	1.01E-06	6.37E-04	8.15E-04
5163	477863.09, 3864877.25	0.01235	0.01169	0.01159	1.90E-04	8.51E-07	3.11E-04	0.000501	1.94E-04	8.38E-07	3.46E-04	5.40E-04	1.84E-04	1.06E-06	6.64E-04	8.49E-04
5164	478363.09, 3864877.25	0.0128	0.01204	0.01202	1.96E-04	8.76E-07	3.22E-04	0.00052	2.01E-04	8.63E-07	3.59E-04	5.60E-04	1.91E-04	1.10E-06	6.89E-04	8.80E-04
5165	478863.09, 3864877.25	0.01324	0.0121	0.01239	2.03E-04	8.81E-07	3.32E-04	0.000536	2.08E-04	8.67E-07	3.70E-04	5.78E-04	1.97E-04	1.10E-06	7.10E-04	9.08E-04
5166	479363.09, 3864877.25	0.01367	0.01187	0.01275	2.10E-04	8.64E-07	3.42E-04	0.000553	2.14E-04	8.51E-07	3.80E-04	5.96E-04	2.04E-04	1.08E-06	7.30E-04	9.35E-04
5167	479863.09, 3864877.25	0.01409	0.0117	0.01314	2.16E-04	8.52E-07	3.52E-04	0.000569	2.21E-04	8.38E-07	3.92E-04	6.14E-04	2.10E-04	1.06E-06	7.53E-04	9.64E-04
5168	480363.09, 3864877.25	0.01459	0.0122	0.01361	2.24E-04	8.88E-07	3.65E-04	0.00059	2.29E-04	8.74E-07	4.06E-04	6.36E-04	2.17E-04	1.11E-06	7.80E-04	9.98E-04
5169	480863.09, 3864877.25	0.015	0.01309	0.01398	2.30E-04	9.53E-07	3.75E-04	0.000606	2.35E-04	9.38E-07	4.17E-04	6.53E-04	2.23E-04	1.19E-06	8.01E-04	1.03E-03
5170	481363.09, 3864877.25	0.01541	0.01355	0.01432	2.36E-04	9.86E-07	3.84E-04	0.000622	2.42E-04	9.71E-07	4.27E-04	6.70E-04	2.30E-04	1.23E-06	8.20E-04	1.05E-03
5171	481863.09, 3864877.25	0.01576	0.01347	0.01462	2.42E-04	9.81E-07	3.92E-04	0.000635	2.47E-04	9.65E-07	4.36E-04	6.84E-04	2.35E-04	1.23E-06	8.38E-04	1.07E-03
5172	482363.09, 3864877.25	0.01608	0.01362	0.01488	2.47E-04	9.91E-07	3.99E-04	0.000647	2.52E-04	9.76E-07	4.44E-04	6.97E-04	2.40E-04	1.24E-06	8.52E-04	1.09E-03
5173	482863.09, 3864877.25	0.01634	0.01394	0.01503	2.51E-04	1.01E-06	4.03E-04	0.000655	2.56E-04	9.99E-07	4.48E-04	7.06E-04	2.43E-04	1.27E-06	8.61E-04	1.11E-03
5174	483363.09, 3864877.25	0.01648	0.01372	0.01503	2.53E-04	9.99E-07	4.03E-04	0.000657	2.58E-04	9.83E-07	4.48E-04	7.08E-04	2.46E-04	1.25E-06	8.61E-04	1.11E-03
5175	483863.09, 3864877.25	0.01646	0.01276	0.01487	2.53E-04	9.29E-07	3.99E-04	0.000652	2.58E-04	9.14E-07	4.44E-04	7.03E-04	2.45E-04	1.16E-06	8.52E-04	1.10E-03
5176	484363.09, 3864877.25	0.01642	0.01224	0.0147	2.52E-04	8.91E-07	3.94E-04	0.000647	2.57E-04	8.77E-07	4.39E-04	6.97E-04	2.45E-04	1.11E-06	8.42E-04	1.09E-03
5177	484863.09, 3864877.25	0.01633	0.01269	0.0145	2.51E-04	9.24E-07	3.89E-04	0.00064	2.56E-04	9.09E-07	4.33E-04	6.90E-04	2.43E-04	1.15E-06	8.31E-04	1.08E-03
5178	485363.09, 3864877.25	0.01629	0.01284	0.01439	2.50E-04	9.35E-07	3.86E-04	0.000637	2.55E-04	9.20E-07	4.29E-04	6.86E-04	2.43E-04	1.17E-06	8.24E-04	1.07E-03
5179	485863.09, 3864877.25	0.0162	0.01302	0.01433	2.49E-04	9.48E-07	3.84E-04	0.000634	2.54E-04	9.33E-07	4.27E-04	6.82E-04	2.41E-04	1.18E-06	8.21E-04	1.06E-03
5180	486363.09, 3864877.25	0.0161	0.01349	0.01425	2.47E-04	9.82E-07	3.82E-04	0.00063	2.52E-04	9.67E-07	4.25E-04	6.79E-04	2.40E-04	1.23E-06	8.16E-04	1.06E-03
5181	486863.09, 3864877.25	0.016	0.01323	0.01411	2.46E-04	9.63E-07	3.78E-04	0.000625	2.51E-04	9.48E-07	4.21E-04	6.73E-04	2.38E-04	1.20E-06	8.08E-04	1.05E-03
5182	487363.09, 3864877.25	0.01587	0.01239	0.01403	2.44E-04	9.02E-07	3.76E-04	0.000621	2.49E-04	8.88E-07	4.19E-04	6.68E-04	2.36E-04	1.13E-06	8.04E-04	1.04E-03
5183	487863.09, 3864877.25	0.01576	0.01212	0.01399	2.42E-04	8.82E-07	3.75E-04	0.000618	2.47E-04	8.68E-07	4.17E-04	6.65E-04	2.35E-04	1.10E-06	8.01E-04	1.04E-03
5184	488363.09, 3864877.25	0.01567	0.01236	0.01403	2.40E-04	9.00E-07	3.76E-04	0.000618	2.46E-04	8.86E-07	4.19E-04	6.65E-04	2.33E-04	1.12E-06	8.04E-04	1.04E-03
5185	488863.09, 3864877.25	0.01559	0.0129	0.01419	2.39E-04	9.39E-07	3.81E-04	0.000621	2.44E-04	9.24E-07	4.23E-04	6.69E-04	2.32E-04	1.17E-06	8.13E-04	1.05E-03
5186	489363.09, 3864877.25	0.01551	0.01326	0.01433	2.38E-04	9.65E-07	3.84E-04	0.000623	2.43E-04	9.50E-07	4.27E-04	6.72E-04	2.31E-04	1.21E-06	8.21E-04	1.05E-03
5187	489863.09, 3864877.25	0.01545	0.01324	0.0144	2.37E-04	9.64E-07	3.86E-04	0.000624	2.42E-04	9.49E-07	4.30E-04	6.73E-04	2.30E-04	1.20E-06	8.25E-04	1.06E-03
5188	490363.09, 3864877.25	0.01548	0.01302	0.01451	2.38E-04	9.48E-07	3.89E-04	0.000628	2.43E-04	9.33E-07	4.33E-04	6.77E-04	2.31E-04	1.18E-06	8.31E-04	1.06E-03
5189	490863.09, 3864877.25	0.01579	0.01324	0.01506	2.42E-04	9.64E-07	4.04E-04	0.000647	2.48E-04	9.49E-07	4.49E-04	6.98E-04	2.35E-04	1.20E-06	8.63E-04	1.10E-03
5190	491363.09, 3864877.25	0.01609	0.01399	0.01543	2.47E-04	1.02E-06	4.14E-04	0.000662	2.52E-04	1.00E-06	4.60E-04	7.14E-04	2.40E-04	1.27E-06	8.84E-04	1.12E-03

5191	491863.09, 3864877.25	0.0159	0.01401	0.01543	2.44E-04	1.02E-06	4.14E-04	0.000659	2.49E-04	1.00E-06	4.60E-04	7.11E-04	2.37E-04	1.27E-06	8.84E-04	1.12E-03
5192	492363.09, 3864877.25	0.00659	0.00584	0.00627	1.01E-04	4.25E-07	1.68E-04	0.00027	1.03E-04	4.18E-07	1.87E-04	2.91E-04	9.82E-05	5.31E-07	3.59E-04	4.58E-04
5193	492863.09, 3864877.25	0.00868	0.00776	0.00852	1.33E-04	5.65E-07	2.29E-04	0.000362	1.36E-04	5.56E-07	2.54E-04	3.91E-04	1.29E-04	7.06E-07	4.88E-04	6.18E-04
5194	493363.09, 3864877.25	0.0083	0.00758	0.00815	1.27E-04	5.52E-07	2.19E-04	0.000347	1.30E-04	5.43E-07	2.43E-04	3.74E-04	1.24E-04	6.89E-07	4.67E-04	5.91E-04
5195	493863.09, 3864877.25	0.01509	0.01353	0.01503	2.32E-04	9.85E-07	4.03E-04	0.000636	2.37E-04	9.69E-07	4.48E-04	6.86E-04	2.25E-04	1.23E-06	8.61E-04	1.09E-03
5196	494363.09, 3864877.25	0.01668	0.01498	0.01666	2.56E-04	1.09E-06	4.47E-04	0.000704	2.62E-04	1.07E-06	4.97E-04	7.60E-04	2.48E-04	1.36E-06	9.54E-04	1.20E-03
5197	494863.09, 3864877.25	0.01676	0.0152	0.01684	2.57E-04	1.11E-06	4.52E-04	0.00071	2.63E-04	1.09E-06	5.02E-04	7.66E-04	2.50E-04	1.38E-06	9.65E-04	1.22E-03
5198	495363.09, 3864877.25	0.01609	0.01464	0.01618	2.47E-04	1.07E-06	4.34E-04	0.000682	2.52E-04	1.05E-06	4.83E-04	7.36E-04	2.40E-04	1.33E-06	9.27E-04	1.17E-03
5199	495863.09, 3864877.25	0.01532	0.014	0.01545	2.35E-04	1.02E-06	4.14E-04	0.00065	2.40E-04	1.00E-06	4.61E-04	7.02E-04	2.28E-04	1.27E-06	8.85E-04	1.11E-03
5200	496363.09, 3864877.25	0.01481	0.01349	0.01493	2.27E-04	9.82E-07	4.00E-04	0.000629	2.32E-04	9.67E-07	4.45E-04	6.79E-04	2.21E-04	1.23E-06	8.55E-04	1.08E-03
5201	496863.09, 3864877.25	0.01455	0.0132	0.01467	2.23E-04	9.61E-07	3.93E-04	0.000618	2.28E-04	9.46E-07	4.38E-04	6.67E-04	2.17E-04	1.20E-06	8.40E-04	1.06E-03
5202	497363.09, 3864877.25	0.01437	0.01308	0.01458	2.21E-04	9.52E-07	3.91E-04	0.000613	2.25E-04	9.37E-07	4.35E-04	6.61E-04	2.14E-04	1.19E-06	8.35E-04	1.05E-03
5203	497863.09, 3864877.25	0.01429	0.01309	0.0146	2.19E-04	9.53E-07	3.92E-04	0.000612	2.24E-04	9.38E-07	4.36E-04	6.61E-04	2.13E-04	1.19E-06	8.36E-04	1.05E-03
5204	498363.09, 3864877.25	0.01424	0.01306	0.01461	2.19E-04	9.51E-07	3.92E-04	0.000611	2.23E-04	9.36E-07	4.36E-04	6.60E-04	2.12E-04	1.19E-06	8.37E-04	1.05E-03
5205	471363.09, 3865377.25	0.00778	0.00767	0.00751	1.19E-04	5.58E-07	2.01E-04	0.000321	1.22E-04	5.50E-07	2.24E-04	3.47E-04	1.16E-04	6.98E-07	4.30E-04	5.47E-04
5206	471863.09, 3865377.25	0.00797	0.0077	0.00766	1.22E-04	5.60E-07	2.05E-04	0.000328	1.25E-04	5.52E-07	2.29E-04	3.54E-04	1.19E-04	7.00E-07	4.39E-04	5.58E-04
5207	472363.09, 3865377.25	0.00816	0.0076	0.0078	1.25E-04	5.53E-07	2.09E-04	0.000335	1.28E-04	5.45E-07	2.33E-04	3.61E-04	1.22E-04	6.91E-07	4.47E-04	5.69E-04
5208	472863.09, 3865377.25	0.00837	0.00752	0.00797	1.28E-04	5.47E-07	2.14E-04	0.000343	1.31E-04	5.39E-07	2.38E-04	3.70E-04	1.25E-04	6.84E-07	4.57E-04	5.82E-04
5209	473363.09, 3865377.25	0.00856	0.00753	0.00813	1.31E-04	5.48E-07	2.18E-04	0.00035	1.34E-04	5.40E-07	2.43E-04	3.77E-04	1.28E-04	6.85E-07	4.66E-04	5.94E-04
5210	473863.09, 3865377.25	0.00878	0.00778	0.00831	1.35E-04	5.66E-07	2.23E-04	0.000358	1.38E-04	5.57E-07	2.48E-04	3.86E-04	1.31E-04	7.08E-07	4.76E-04	6.08E-04
5211	474363.09, 3865377.25	0.00904	0.00823	0.00852	1.39E-04	5.99E-07	2.29E-04	0.000368	1.42E-04	5.90E-07	2.54E-04	3.97E-04	1.35E-04	7.49E-07	4.88E-04	6.23E-04
5212	474863.09, 3865377.25	0.00934	0.00876	0.00875	1.43E-04	6.38E-07	2.35E-04	0.000379	1.46E-04	6.28E-07	2.61E-04	4.08E-04	1.39E-04	7.97E-07	5.01E-04	6.41E-04
5213	475363.09, 3865377.25	0.00964	0.00914	0.00899	1.48E-04	6.65E-07	2.41E-04	0.00039	1.51E-04	6.55E-07	2.68E-04	4.20E-04	1.44E-04	8.31E-07	5.15E-04	6.59E-04
5214	475863.09, 3865377.25	0.00999	0.00935	0.00931	1.53E-04	6.81E-07	2.50E-04	0.000404	1.57E-04	6.70E-07	2.78E-04	4.35E-04	1.49E-04	8.50E-07	5.33E-04	6.83E-04
5215	476363.09, 3865377.25	0.01042	0.00964	0.00976	1.60E-04	7.02E-07	2.62E-04	0.000422	1.63E-04	6.91E-07	2.91E-04	4.55E-04	1.55E-04	8.77E-07	5.59E-04	7.15E-04
5216	476863.09, 3865377.25	0.0105	0.00974	0.00997	1.61E-04	7.09E-07	2.67E-04	0.000429	1.65E-04	6.98E-07	2.97E-04	4.63E-04	1.56E-04	8.86E-07	5.71E-04	7.28E-04
5217	477363.09, 3865377.25	0.01127	0.01062	0.01059	1.73E-04	7.73E-07	2.84E-04	0.000458	1.77E-04	7.61E-07	3.16E-04	4.93E-04	1.68E-04	9.66E-07	6.07E-04	7.76E-04
5218	477863.09, 3865377.25	0.01162	0.01091	0.01091	1.78E-04	7.94E-07	2.93E-04	0.000472	1.82E-04	7.82E-07	3.25E-04	5.08E-04	1.73E-04	9.92E-07	6.25E-04	7.99E-04
5219	478363.09, 3865377.25	0.01203	0.01111	0.01127	1.85E-04	8.09E-07	3.02E-04	0.000488	1.89E-04	7.96E-07	3.36E-04	5.26E-04	1.79E-04	1.01E-06	6.46E-04	8.26E-04
5220	478863.09, 3865377.25	0.01238	0.01107	0.01154	1.90E-04	8.06E-07	3.10E-04	0.0005	1.94E-04	7.93E-07	3.44E-04	5.39E-04	1.84E-04	1.01E-06	6.61E-04	8.46E-04
5221	479363.09, 3865377.25	0.01273	0.01088	0.01184	1.95E-04	7.92E-07	3.18E-04	0.000514	2.00E-04	7.80E-07	3.53E-04	5.54E-04	1.90E-04	9.90E-07	6.78E-04	8.69E-04
5222	479863.09, 3865377.25	0.01313	0.01092	0.01222	2.01E-04	7.95E-07	3.28E-04	0.00053	2.06E-04	7.82E-07	3.65E-04	5.71E-04	1.96E-04	9.93E-07	7.00E-04	8.97E-04
5223	480363.09, 3865377.25	0.01348	0.01143	0.01256	2.07E-04	8.32E-07	3.37E-04	0.000545	2.11E-04	8.19E-07	3.75E-04	5.87E-04	2.01E-04	1.04E-06	7.19E-04	9.21E-04
5224	480863.09, 3865377.25	0.01383	0.0121	0.01287	2.12E-04	8.81E-07	3.45E-04	0.000558	2.17E-04	8.67E-07	3.84E-04	6.02E-04	2.06E-04	1.10E-06	7.37E-04	9.44E-04
5225	481363.09, 3865377.25	0.01418	0.01243	0.01315	2.18E-04	9.05E-07	3.53E-04	0.000571	2.22E-04	8.91E-07	3.92E-04	6.16E-04	2.11E-04	1.13E-06	7.53E-04	9.66E-04
5226	481863.09, 3865377.25	0.01445	0.01242	0.01338	2.22E-04	9.04E-07	3.59E-04	0.000581	2.27E-04	8.90E-07	3.99E-04	6.27E-04	2.15E-04	1.13E-06	7.66E-04	9.83E-04
5227	482363.09, 3865377.25	0.01469	0.01253	0.01355	2.25E-04	9.12E-07	3.63E-04	0.00059	2.30E-04	8.98E-07	4.04E-04	6.35E-04	2.19E-04	1.14E-06	7.76E-04	9.96E-04
5228	482863.09, 3865377.25	0.01488	0.01267	0.01363	2.28E-04	9.22E-07	3.66E-04	0.000595	2.33E-04	9.08E-07	4.07E-04	6.41E-04	2.22E-04	1.15E-06	7.81E-04	1.00E-03
5229	483363.09, 3865377.25	0.01497	0.01228	0.01361	2.30E-04	8.94E-07	3.65E-04	0.000596	2.35E-04	8.80E-07	4.06E-04	6.42E-04	2.23E-04	1.12E-06	7.80E-04	1.00E-03
5230	483863.09, 3865377.25	0.01496	0.01153	0.01346	2.30E-04	8.39E-07	3.61E-04	0.000591	2.35E-04	8.26E-07	4.02E-04	6.37E-04	2.23E-04	1.05E-06	7.71E-04	9.95E-04
5231	484363.09, 3865377.25	0.01492	0.01132	0.01329	2.29E-04	8.24E-07	3.56E-04	0.000586	2.34E-04	8.11E-07	3.96E-04	6.31E-04	2.22E-04	1.03E-06	7.61E-04	9.85E-04
5232	484863.09, 3865377.25	0.01486	0.01159	0.01313	2.28E-04	8.44E-07	3.52E-04	0.000581	2.33E-04	8.30E-07	3.92E-04	6.26E-04	2.21E-04	1.05E-06	7.52E-04	9.75E-04
5233	485363.09, 3865377.25	0.01479	0.01155	0.01302	2.27E-04	8.41E-07	3.49E-04	0.000577	2.32E-04	8.28E-07	3.88E-04	6.21E-04	2.20E-04	1.05E-06	7.46E-04	9.67E-04
5234	485863.09, 3865377.25	0.01469	0.01177	0.01295	2.25E-04	8.57E-07	3.47E-04	0.000574	2.30E-04	8.43E-07	3.86E-04	6.17E-04	2.19E-04	1.07E-06	7.42E-04	9.62E-04
5235	486363.09, 3865377.25	0.01463	0.01225	0.01289	2.24E-04	8.92E-07	3.46E-04	0.000571	2.29E-04	8.78E-07	3.85E-04	6.15E-04	2.18E-04	1.11E-06	7.38E-04	9.57E-04
5236	486863.09, 3865377.25	0.01454	0.01213	0.01278	2.23E-04	8.83E-07	3.43E-04	0.000567	2.28E-04	8.69E-07	3.81E-04	6.10E-04	2.17E-04	1.10E-06	7.32E-04	9.50E-04
5237	487363.09, 3865377.25	0.01444	0.01143	0.01273	2.22E-04	8.32E-07	3.41E-04	0.000564	2.26E-04	8.19E-07	3.80E-04	6.07E-04	2.15E-04	1.04E-06	7.29E-04	9.45E-04
5238	487863.09, 3865377.25	0.01436	0.01113	0.0127	2.20E-04	8.10E-07	3.41E-04	0.000562	2.25E-04	7.97E-07	3.79E-04	6.05E-04	2.14E-04	1.01E-06	7.28E-04	9.42E-04
5239	488363.09, 3865377.25	0.01431	0.01125	0.01275	2.20E-04	8.19E-07	3.42E-04	0.000562	2.24E-04	8.06E-07	3.80E-04	6.06E-04	2.13E-04	1.02E-06	7.30E-04	9.45E-04
5240	488863.09, 3865377.25	0.01425	0.01163	0.01288	2.19E-04	8.47E-07	3.45E-04	0.000565	2.23E-04	8.33E-07	3.84E-04	6.09E-04	2.12E-04	1.06E-06	7.38E-04	9.51E-04
5241	489363.09, 3865377.25	0.01418	0.01199	0.01301	2.18E-04	8.73E-07	3.49E-04	0.000567	2.22E-04	8.59E-07	3.88E-04	6.11E-04	2.11E-04	1.09E-06	7.45E-04	9.58E-04
5242	489863.09, 3865377.25	0.01419	0.01222	0.01317	2.18E-04	8.90E-07	3.53E-04	0.000572	2.22E-04	8.76E-07	3.93E-04	6.16E-04	2.11E-04	1.11E-06	7.54E-04	9.67E-04
5243	490363.09, 3865377.25	0.01433	0.01237	0.01355	2.20E-04	9.00E-07	3.63E-04	0.000584	2.25E-04	8.86E-07	4.04E-04	6.30E-04	2.13E-04	1.13E-06	7.76E-04	9.91E-04
5244	490863.09, 3865377.25	0.01424	0.01179	0.01349	2.19E-04	8.58E-07	3.62E-04	0.000581	2.23E-04	8.45E-07	4.02E-04	6.27E-04	2.12E-04	1.07E-06	7.73E-04	9.86E-04
5245	491363.09, 3865377.25	0.01412	0.01217	0.01357	2.17E-04	8.86E-07	3.64E-04	0.000582	2.21E-04	8.72E-07	4.05E-04	6.27E-04	2.10E-04	1.11E-06	7.77E-04	9.89E-04
5246	491863.09, 3865377.25	0.01425	0.01278	0.0138	2.19E-04	9.30E-07	3.70E-04	0.00059	2.23E-04	9.16E-07	4.12E-04	6.36E-04	2.12E-04	1.16E-06	7.91E-04	1.00E-03
5247	492363.09, 3865377.25	0.01264	0.01145	0.01256	1.94E-04	8.33E-07	3.37E-04	0.000532	1.98E-04	8.20E-07	3.75E-04	5.74E-04	1.88E-04	1.04E-06	7.19E-04	9.09E-04
5248	492863.09, 3865377.25	0.01002	0.00909	0.00995	1.54E-04	6.62E-07	2.67E-04	0.000421	1.57E-04	6.51E-07	2.97E-04	4.55E-04	1.49E-04	8.27E-07	5.70E-04	7.20E-04
5249	493363.09, 3865377.25	0.00767	0.00685	0.0075	1.18E-04	4.99E-07	2.01E-04	0.000319	1.20E-04	4.91E-07	2.24E-04	3.44E-04	1.14E-04	6.23E-07	4.30E-04	5.45E-04
5250	493863.09, 3865377.25	0.01108	0.0102	0.01111	1.70E-04	7.42E-07	2.98E-04	0.000469	1.74E-04	7.31E-07	3.31E-04	5.06E-04	1.65E-04	9.28E-07	6.36E-04	8.02E-04
5251	494363.09, 3865377.25	0.01394	0.01251	0.01382	2.14E-04	9.11E-07	3.71E-04	0.000585	2.19E-04	8.96E-07	4.12E-04	6.32E-04	2.08E-04	1.14E-06	7.92E-04	1.00E-03
5252	494863.09, 3865377.25	0.01511	0.01365	0.01509	2.32E-04	9.94E-07	4.05E-04	0.000638	2.37E-04	9.78E-07	4.50E-04	6.88E-04	2.25E-04	1.24E-06	8.64E-04	1.09E-03
5253	495363.09, 3865377.25	0.01526	0.0139	0.01532	2.34E-04	1.01E-06	4.11E-04	0.000646	2.39E-04	9.96E-07	4.57E-04	6.97E-04	2.27E-04	1.26E-06	8.78E-04	1.11E-03
5254	495863.09, 3865377.25	0.01469	0.01344	0.01477	2.25E-04	9.78E-07	3.96E-04	0.000623	2.30E-04	9.63E-07	4.41E-04	6.72E-04	2.19E-04	1.22E-06	8.46E-04	1.07E-03
5255	496363.09, 3865377.25	0.014	0.0128	0.01402	2.15E-04	9.32E-07	3.76E-04	0.000592	2.20E-04	9.17E-07	4.18E-04	6.39E-04	2.09E-04	1.16E-06	8.03E-04	1.01E-03
5256	496863.09, 3865377.25	0.01341	0.01213	0.01335	2.06E-04	8.83E-07	3.58E-04	0.000565	2.10E-04	8.69E-07	3.98E-04	6.09E-04	2.00E-04	1.10E-06	7.65E-04	9.66E-04
5257	497363.09, 3865377.25	0.01324	0.01209	0.01334	2.03E-04	8.80E-07	3.58E-04	0.000562	2.08E-04	8.66E-07	3.98E-04	6.06E-04	1.97E-04	1.10E-06	7.64E-04	9.63E-04
5258	497863.09, 3865377.25	0.01309	0.01196	0.01324	2.01E-04	8.71E-07	3.55E-04	0.000557	2.05E-04	8.57E-07	3.95E-04	6.01E-04	1.95E-04	1.09E-06	7.58E-04	9.55E-04
5259	498363.09, 3865377.25	0.01308	0.01196	0.01326	2.01E-04	8.71E-07	3.56E-04	0.000557	2.05E-04	8.57E-07	3.96E-04	6.02E-04	1.95E-04	1.09E-06	7.60E-04	9.56E-04
5260	471363.09, 3865877.25	0.0074	0.00701	0.00707	1.14E-04	5.10E-07	1.90E-04	0.000304	1.16E-04	5.02E-07	2.11E-04	3.27E-04	1.10E-04	6.38E-07	4.05E-04	5.16E-04
5261	471863.09, 3865877.25	0.00755	0.00688	0.00718	1.16E-04	5.01E-07	1.93E-04	0.000309	1.18E-04	4.93E-07	2.14E-04	3.33E-04	1.12E-04	6.26E-07	4.11E-04	5.24E-04
5262	472363.09, 3865877.25	0.00774	0.00681	0.00733	1.19E-04	4.96E-07	1.97E-04	0.000316	1.21E-04	4.88E-07	2.19E-04	3.41E-04	1.15E-04	6.19E-07	4.20E-04	5.36E-04
5263	472863.09, 3865877.25	0.00788	0.00686	0.00745	1.21E-04	4.99E-07	2.00E-04	0.000321	1.24E-04	4.92E-07	2.22E-04	3.46E-04	1.17E-04	6.24E-07	4.27E-04	5.45E-04
5264	473363.09, 3865877.25	0.00807	0.00712	0.0076	1.24E-04	5.18E-07	2.04E-04	0.000328	1.27E-04	5.10E-07	2.27E-04	3.54E-04	1.20E-04	6.48E-07	4.35E-04	5.56E-04
5265	473863.09, 3865877.25	0.00831	0.00757	0.0078	1.28E-04	5.51E-07	2.09E-04	0.000337	1.30E-04	5.42E-07	2.33E-04	3.64E-04	1.24E-04	6.89E-07	4.47E-04	5.71E-04
5266	474363.09, 3865877.25	0.00857	0.00807	0.008	1.32E-04	5.87E-07	2.15E-04	0.000347	1.34E-04	5.78E-07	2.39E-04	3.74E-04	1.28E-04	7.34E-07	4.58E-04	5.87E-04
5267	474863.09, 3865877.25	0.00887	0.00847	0.00825	1.36E-04	6.17E-07	2.21E-04	0.000358	1.39E-04	6.07E-07	2.46E-04	3.86E-04	1.32E-04	7.70E-07	4.73E-04	6.06E-04
5268	475363.09, 3865877.25	0.00917	0.00865	0.00852	1.41E-04	6.30E-07	2.29E-04	0.00037	1.44E-04	6.20E-07	2.54E-04	3.99E-04	1.37E-04	7.87E-07	4.88E-04	6.25E-04
5269	475863.09, 3865877.25	0.00951	0.00878	0.00885	1.46E-04	6.39E-07	2.37E-04	0.000384	1.49E-04	6.29E-07	2.64E-04	4.14E-04	1.42E-04	7.99E-07	5.07E-04	6.49E-04
5270	476363.09, 3865877.25	0.00985	0.00904	0.0093	1.51E-04	6.58E-07	2.49E-04	0.000401	1.54E-04	6.48E-07	2.77E-04	4.33E-04	1.47E-04	8.22E-07	5.33E-04	6.80E-04
5271	476863.09, 3865877.25	0.00996	0.00934	0.00947	1.53E-04	6.80E-07	2.54E-04	0.000408	1.56E-04	6.69E-07	2.83E-04	4.39E-04	1.48E-04	8.50E-07	5.42E-04	6.92E-04
5272	477363.09, 3865877.25	0.01069	0.01002	0.01006	1.64E-04	7.29E-07	2.70E-04	0.000435	1.68E-04	7.18E-07	3.00E-04	4.68E-04	1.59E-04	9.11E-07	5.76E-04	7.36E-04
5273	477863.09, 3865877.25	0.01099	0.01019	0.0103	1.69E-04	7.42E-07	2.76E-04	0.000446	1.72E-04	7.30E-07	3.07E-04	4.80E-04	1.64E-04	9.27E-07	5.90E-04	7.55E-04
5274	478363.09, 3865877.25	0.01131	0.01031	0.01056	1.74E-04	7.50E-07	2.83E-04	0.000458	1.77E-04	7.39E-07	3.15E-04	4.93E-04	1.68E-04	9.38E-07	6.05E-04	7.74E-04
5275	478863.09, 3865877.25	0.01161	0.01025	0.01079	1.78E-04	7.46E-07	2.89E-04	0.000468	1.82E-04	7.34E-07	3.22E-04	5.05E-04	1.73E-04	9.32E-07	6.18E-04	7.92E-04
5276	479363.09, 3865877.25	0.01192	0.0101	0.01106	1.83E-04	7.35E-07	2.97E-04	0.00048	1.87E-04	7.24E-07	3.30E-04	5.18E-04	1.78E-04	9.19E-07	6.34E-04	8.12E-04
5277	479863.09, 3865877.25	0.01222	0.01018	0.01136	1.88E-04	7.41E-07	3.05E-04	0.000493	1.92E-04	7.29E-07	3.39E-04	5.31E-04	1.82E-04	9.26E-07	6.51E-04	8.34E-04
5278	480363.09, 3865877.25	0.01253	0.01067	0.01166	1.92E-04	7.77E-07	3.13E-04	0.000506	1.96E-04	7.65E-07	3.48E-04	5.45E-04	1.87E-04	9.71E-07	6.68E-04	8.56E-04
5279	480863.09, 3865877.25	0.01284	0.01126	0.01193	1.97E-04	8.20E-07	3.20E-04	0.000518	2.01E-04	8.07E-07	3.56E-04	5.58E-04	1.91E-04	1.02E-06	6.83E-04	8.76E-04
5280	481363.09, 3865877.25	0.01309	0.01154	0.01212	2.01E-04	8.40E-07	3.25E-04	0.000527	2.05E-04	8.27E-07	3.62E-04	5.68E-04	1.95E-04	1.05E-06	6.94E-04	8.90E-04
5281	481863.09, 3865877.25	0.0133	0.01147	0.01228	2.04E-04	8.35E-07	3.29E-04	0.000534	2.09E-04	8.22E-07	3.66E-04	5.76E-04	1.98E-04	1.04E-06	7.03E-04	9.03E-04
5282	482363.09, 3865877.25	0.01349	0.01153	0.01239	2.07E-04	8.39E-07	3.32E-04	0.00054	2.12E-04	8.26E-07	3.70E-04	5.82E-04	2.01E-04	1.05E-06	7.10E-04	9.12E-04
5283	482863.09, 3865877.25	0.01363	0.01152	0.01244	2.09E-04	8.39E-07	3.34E-04	0.000544	2.14E-04	8.25E-07	3.71E-04	5.86E-04	2.03E-04	1.05E-06	7.13E-04	9.17E-04
5284	483363.09, 3865877.25	0.01369	0.01106	0.01241	2.10E-04	8.05E-07	3.33E-04	0.000544	2.15E-04	7.92E-07	3.70E-04	5.86E-04	2.04E-04	1.01E-06	7.11E-04	9.16E-04
5285	483863.09, 3865877.25	0.01372	0.0106	0.01228	2.11E-04	7.72E-07	3.29E-04	0.000541	2.15E-04	7.60E-07	3.66E-04	5.82E-04	2.04E-04	9.64E-07	7.03E-04	9.09E-04
5286	484363.09, 3865877.25	0.0137	0.01056	0.01214	2.10E-04	7.69E-07	3.26E-04	0.000537	2.15E-04	7.57E-07	3.62E-04	5.78E-04	2.04E-04	9.61E-07	6.95E-04	9.00E-04
5287	484863.09, 3865877.25	0.01358	0.01059	0.01196	2.08E-04	7.71E-07	3.21E-04	0.00053	2.13E-04	7.59E-07	3.57E-04	5.70E-04	2.02E-04	9.63E-07	6.85E-04	8.88E-04
5288	485363.09, 3865877.25	0.01349	0.01045	0.01184	2.07E-04	7.61E-07	3.18E-04	0.000525	2.12E-04	7.49E-07	3.53E-04	5.65E-04	2.01E-04	9.51E-07	6.78E-04	8.80E-04

5289	485863.09, 3865877.25	0.0134	0.0107	0.01177	2.06E-04	7.79E-07	3.16E-04	0.000522	2.10E-04	7.67E-07	3.51E-04	5.62E-04	2.00E-04	9.73E-07	6.74E-04	8.75E-04
5290	486363.09, 3865877.25	0.01334	0.01114	0.01169	2.05E-04	8.11E-07	3.14E-04	0.000519	2.09E-04	7.98E-07	3.49E-04	5.59E-04	1.99E-04	1.01E-06	6.70E-04	8.69E-04
5291	486863.09, 3865877.25	0.01328	0.01114	0.01162	2.04E-04	8.11E-07	3.12E-04	0.000516	2.08E-04	7.98E-07	3.47E-04	5.56E-04	1.98E-04	1.01E-06	6.66E-04	8.64E-04
5292	487363.09, 3865877.25	0.0132	0.01059	0.0116	2.03E-04	7.71E-07	3.11E-04	0.000514	2.07E-04	7.59E-07	3.46E-04	5.54E-04	1.97E-04	9.63E-07	6.65E-04	8.62E-04
5293	487863.09, 3865877.25	0.01319	0.01031	0.01164	2.02E-04	7.50E-07	3.12E-04	0.000515	2.07E-04	7.39E-07	3.47E-04	5.55E-04	1.96E-04	9.38E-07	6.67E-04	8.64E-04
5294	488363.09, 3865877.25	0.01314	0.01034	0.01166	2.02E-04	7.53E-07	3.13E-04	0.000515	2.06E-04	7.41E-07	3.48E-04	5.55E-04	1.96E-04	9.41E-07	6.68E-04	8.65E-04
5295	488863.09, 3865877.25	0.01312	0.01061	0.01179	2.01E-04	7.72E-07	3.16E-04	0.000518	2.06E-04	7.60E-07	3.52E-04	5.58E-04	1.95E-04	9.65E-07	6.75E-04	8.72E-04
5296	489363.09, 3865877.25	0.01308	0.01092	0.01192	2.01E-04	7.95E-07	3.20E-04	0.000521	2.05E-04	7.82E-07	3.56E-04	5.61E-04	1.95E-04	9.93E-07	6.83E-04	8.79E-04
5297	489863.09, 3865877.25	0.01304	0.01115	0.01202	2.00E-04	8.12E-07	3.22E-04	0.000523	2.04E-04	7.99E-07	3.59E-04	5.64E-04	1.94E-04	1.01E-06	6.89E-04	8.84E-04
5298	490363.09, 3865877.25	0.01313	0.01136	0.01222	2.01E-04	8.27E-07	3.28E-04	0.00053	2.06E-04	8.14E-07	3.65E-04	5.71E-04	1.96E-04	1.03E-06	7.00E-04	8.97E-04
5299	490863.09, 3865877.25	0.01308	0.01123	0.01239	2.01E-04	8.17E-07	3.32E-04	0.000534	2.05E-04	8.05E-07	3.70E-04	5.76E-04	1.95E-04	1.02E-06	7.10E-04	9.06E-04
5300	491363.09, 3865877.25	0.01277	0.01062	0.01221	1.96E-04	7.73E-07	3.27E-04	0.000524	2.00E-04	7.61E-07	3.64E-04	5.65E-04	1.90E-04	9.66E-07	6.99E-04	8.91E-04
5301	491863.09, 3865877.25	0.01266	0.0113	0.01227	1.94E-04	8.23E-07	3.29E-04	0.000524	1.98E-04	8.10E-07	3.66E-04	5.65E-04	1.89E-04	1.03E-06	7.03E-04	8.93E-04
5302	492363.09, 3865877.25	0.01228	0.01124	0.01207	1.88E-04	8.18E-07	3.24E-04	0.000513	1.93E-04	8.05E-07	3.60E-04	5.53E-04	1.83E-04	1.02E-06	6.91E-04	8.75E-04
5303	492863.09, 3865877.25	0.00988	0.00902	0.00978	1.52E-04	6.57E-07	2.62E-04	0.000415	1.55E-04	6.46E-07	2.92E-04	4.47E-04	1.47E-04	8.20E-07	5.60E-04	7.08E-04
5304	493363.09, 3865877.25	0.00982	0.00893	0.00976	1.51E-04	6.50E-07	2.62E-04	0.000413	1.54E-04	6.40E-07	2.91E-04	4.46E-04	1.46E-04	8.12E-07	5.59E-04	7.06E-04
5305	493863.09, 3865877.25	0.01081	0.00972	0.01079	1.66E-04	7.08E-07	2.89E-04	0.000456	1.69E-04	6.96E-07	3.22E-04	4.92E-04	1.61E-04	8.84E-07	6.18E-04	7.80E-04
5306	494363.09, 3865877.25	0.0119	0.01073	0.01175	1.83E-04	7.81E-07	3.15E-04	0.000499	1.87E-04	7.69E-07	3.51E-04	5.38E-04	1.77E-04	9.76E-07	6.73E-04	8.51E-04
5307	494863.09, 3865877.25	0.01326	0.01187	0.01305	2.03E-04	8.64E-07	3.50E-04	0.000554	2.08E-04	8.51E-07	3.89E-04	5.98E-04	1.98E-04	1.08E-06	7.48E-04	9.46E-04
5308	495363.09, 3865877.25	0.01385	0.01256	0.01382	2.13E-04	9.14E-07	3.71E-04	0.000584	2.17E-04	9.00E-07	4.12E-04	6.30E-04	2.06E-04	1.14E-06	7.92E-04	9.99E-04
5309	495863.09, 3865877.25	0.01396	0.01276	0.01401	2.14E-04	9.29E-07	3.76E-04	0.000591	2.19E-04	9.14E-07	4.18E-04	6.38E-04	2.08E-04	1.16E-06	8.03E-04	1.01E-03
5310	496363.09, 3865877.25	0.01352	0.01242	0.01356	2.07E-04	9.04E-07	3.64E-04	0.000572	2.12E-04	8.90E-07	4.05E-04	6.17E-04	2.01E-04	1.13E-06	7.77E-04	9.79E-04
5311	496863.09, 3865877.25	0.01268	0.01167	0.01267	1.95E-04	8.49E-07	3.40E-04	0.000535	1.99E-04	8.36E-07	3.78E-04	5.78E-04	1.89E-04	1.06E-06	7.26E-04	9.16E-04
5312	497363.09, 3865877.25	0.0122	0.0111	0.01212	1.87E-04	8.08E-07	3.25E-04	0.000513	1.91E-04	7.95E-07	3.62E-04	5.54E-04	1.82E-04	1.01E-06	6.94E-04	8.77E-04
5313	497863.09, 3865877.25	0.01205	0.01085	0.01195	1.85E-04	7.90E-07	3.21E-04	0.000506	1.89E-04	7.77E-07	3.56E-04	5.46E-04	1.80E-04	9.87E-07	6.85E-04	8.65E-04
5314	498363.09, 3865877.25	0.01191	0.01066	0.01181	1.83E-04	7.76E-07	3.17E-04	0.0005	1.87E-04	7.64E-07	3.52E-04	5.40E-04	1.77E-04	9.70E-07	6.77E-04	8.55E-04
5315	471363.09, 3866377.25	0.00701	0.00626	0.00663	1.08E-04	4.56E-07	1.78E-04	0.000286	1.10E-04	4.49E-07	1.98E-04	3.08E-04	1.04E-04	5.69E-07	3.80E-04	4.85E-04
5316	471863.09, 3866377.25	0.00716	0.00621	0.00675	1.10E-04	4.52E-07	1.81E-04	0.000291	1.12E-04	4.45E-07	2.01E-04	3.14E-04	1.07E-04	5.65E-07	3.87E-04	4.94E-04
5317	472363.09, 3866377.25	0.00732	0.00631	0.00687	1.12E-04	4.59E-07	1.84E-04	0.000297	1.15E-04	4.52E-07	2.05E-04	3.20E-04	1.09E-04	5.74E-07	3.94E-04	5.03E-04
5318	472863.09, 3866377.25	0.00747	0.00657	0.00699	1.15E-04	4.78E-07	1.87E-04	0.000303	1.17E-04	4.71E-07	2.09E-04	3.26E-04	1.11E-04	5.98E-07	4.00E-04	5.12E-04
5319	473363.09, 3866377.25	0.00768	0.00701	0.00717	1.18E-04	5.10E-07	1.92E-04	0.000311	1.20E-04	5.02E-07	2.14E-04	3.35E-04	1.14E-04	6.38E-07	4.11E-04	5.26E-04
5320	473863.09, 3866377.25	0.00791	0.00748	0.00736	1.21E-04	5.44E-07	1.97E-04	0.000319	1.24E-04	5.36E-07	2.20E-04	3.44E-04	1.18E-04	6.80E-07	4.22E-04	5.40E-04
5321	474363.09, 3866377.25	0.00817	0.00784	0.00758	1.25E-04	5.71E-07	2.03E-04	0.000329	1.28E-04	5.62E-07	2.26E-04	3.55E-04	1.22E-04	7.13E-07	4.34E-04	5.57E-04
5322	474863.09, 3866377.25	0.00845	0.00803	0.00784	1.30E-04	5.85E-07	2.10E-04	0.000341	1.32E-04	5.75E-07	2.34E-04	3.67E-04	1.26E-04	7.30E-07	4.49E-04	5.76E-04
5323	475363.09, 3866377.25	0.00873	0.00809	0.00811	1.34E-04	5.89E-07	2.18E-04	0.000352	1.37E-04	5.80E-07	2.42E-04	3.79E-04	1.30E-04	7.36E-07	4.65E-04	5.95E-04
5324	475863.09, 3866377.25	0.00903	0.00828	0.00841	1.39E-04	6.03E-07	2.26E-04	0.000365	1.42E-04	5.93E-07	2.51E-04	3.93E-04	1.35E-04	7.53E-07	4.82E-04	6.17E-04
5325	476363.09, 3866377.25	0.00945	0.00875	0.00886	1.45E-04	6.37E-07	2.38E-04	0.000383	1.48E-04	6.27E-07	2.64E-04	4.13E-04	1.41E-04	7.96E-07	5.08E-04	6.49E-04
5326	476863.09, 3866377.25	0.00936	0.00882	0.00894	1.44E-04	6.42E-07	2.40E-04	0.000384	1.47E-04	6.32E-07	2.67E-04	4.14E-04	1.39E-04	8.02E-07	5.12E-04	6.52E-04
5327	477363.09, 3866377.25	0.01006	0.00937	0.00948	1.54E-04	6.82E-07	2.54E-04	0.000409	1.58E-04	6.71E-07	2.83E-04	4.41E-04	1.50E-04	8.52E-07	5.43E-04	6.94E-04
5328	477863.09, 3866377.25	0.01044	0.0096	0.00974	1.60E-04	6.99E-07	2.61E-04	0.000422	1.64E-04	6.88E-07	2.91E-04	4.55E-04	1.56E-04	8.73E-07	5.58E-04	7.14E-04
5329	478363.09, 3866377.25	0.01065	0.00964	0.0099	1.63E-04	7.02E-07	2.66E-04	0.00043	1.67E-04	6.91E-07	2.95E-04	4.63E-04	1.59E-04	8.77E-07	5.67E-04	7.27E-04
5330	478863.09, 3866377.25	0.01092	0.00953	0.01012	1.68E-04	6.94E-07	2.71E-04	0.00044	1.71E-04	6.83E-07	3.02E-04	4.74E-04	1.63E-04	8.67E-07	5.80E-04	7.43E-04
5331	479363.09, 3866377.25	0.0112	0.0094	0.01038	1.72E-04	6.84E-07	2.78E-04	0.000451	1.76E-04	6.74E-07	3.10E-04	4.86E-04	1.67E-04	8.55E-07	5.95E-04	7.62E-04
5332	479863.09, 3866377.25	0.01151	0.00955	0.01069	1.77E-04	6.95E-07	2.87E-04	0.000464	1.80E-04	6.84E-07	3.19E-04	5.00E-04	1.71E-04	8.69E-07	6.12E-04	7.85E-04
5333	480363.09, 3866377.25	0.01179	0.01008	0.01096	1.81E-04	7.34E-07	2.94E-04	0.000476	1.85E-04	7.22E-07	3.27E-04	5.13E-04	1.76E-04	9.17E-07	6.28E-04	8.04E-04
5334	480863.09, 3866377.25	0.012	0.01064	0.01112	1.84E-04	7.75E-07	2.98E-04	0.000483	1.88E-04	7.62E-07	3.32E-04	5.21E-04	1.79E-04	9.68E-07	6.37E-04	8.17E-04
5335	481363.09, 3866377.25	0.0122	0.0108	0.01126	1.87E-04	7.86E-07	3.02E-04	0.00049	1.91E-04	7.74E-07	3.36E-04	5.28E-04	1.82E-04	9.82E-07	6.45E-04	8.28E-04
5336	481863.09, 3866377.25	0.01232	0.01062	0.01133	1.89E-04	7.73E-07	3.04E-04	0.000494	1.93E-04	7.61E-07	3.38E-04	5.32E-04	1.84E-04	9.66E-07	6.49E-04	8.34E-04
5337	482363.09, 3866377.25	0.01244	0.01063	0.01139	1.91E-04	7.74E-07	3.05E-04	0.000497	1.95E-04	7.62E-07	3.40E-04	5.36E-04	1.85E-04	9.67E-07	6.52E-04	8.39E-04
5338	482863.09, 3866377.25	0.01256	0.01048	0.01144	1.93E-04	7.63E-07	3.07E-04	0.0005	1.97E-04	7.51E-07	3.41E-04	5.39E-04	1.87E-04	9.53E-07	6.55E-04	8.43E-04
5339	483363.09, 3866377.25	0.01262	0.01007	0.01138	1.94E-04	7.33E-07	3.05E-04	0.0005	1.98E-04	7.22E-07	3.39E-04	5.38E-04	1.88E-04	9.16E-07	6.52E-04	8.41E-04
5340	483863.09, 3866377.25	0.01263	0.00986	0.01126	1.94E-04	7.18E-07	3.02E-04	0.000497	1.98E-04	7.06E-07	3.36E-04	5.35E-04	1.88E-04	8.97E-07	6.45E-04	8.34E-04
5341	484363.09, 3866377.25	0.01257	0.00982	0.0111	1.93E-04	7.15E-07	2.98E-04	0.000491	1.97E-04	7.04E-07	3.31E-04	5.29E-04	1.87E-04	8.93E-07	6.36E-04	8.24E-04
5342	484863.09, 3866377.25	0.01251	0.00971	0.01098	1.92E-04	7.07E-07	2.94E-04	0.000487	1.96E-04	6.96E-07	3.28E-04	5.24E-04	1.86E-04	8.83E-07	6.29E-04	8.16E-04
5343	485363.09, 3866377.25	0.01238	0.00953	0.01084	1.90E-04	6.94E-07	2.91E-04	0.000481	1.94E-04	6.83E-07	3.23E-04	5.18E-04	1.84E-04	8.67E-07	6.21E-04	8.06E-04
5344	485863.09, 3866377.25	0.01227	0.00977	0.01073	1.88E-04	7.11E-07	2.88E-04	0.000477	1.92E-04	7.00E-07	3.20E-04	5.13E-04	1.83E-04	8.89E-07	6.15E-04	7.98E-04
5345	486363.09, 3866377.25	0.01223	0.01016	0.01066	1.88E-04	7.40E-07	2.86E-04	0.000474	1.92E-04	7.28E-07	3.18E-04	5.10E-04	1.82E-04	9.24E-07	6.11E-04	7.94E-04
5346	486863.09, 3866377.25	0.01221	0.01026	0.01065	1.87E-04	7.47E-07	2.86E-04	0.000474	1.91E-04	7.35E-07	3.18E-04	5.10E-04	1.82E-04	9.33E-07	6.10E-04	7.93E-04
5347	487363.09, 3866377.25	0.01237	0.01002	0.01083	1.90E-04	7.29E-07	2.90E-04	0.000481	1.94E-04	7.18E-07	3.23E-04	5.18E-04	1.84E-04	9.11E-07	6.20E-04	8.06E-04
5348	487863.09, 3866377.25	0.01244	0.0098	0.01094	1.91E-04	7.13E-07	2.93E-04	0.000485	1.95E-04	7.02E-07	3.26E-04	5.22E-04	1.85E-04	8.91E-07	6.27E-04	8.13E-04
5349	488363.09, 3866377.25	0.01239	0.00976	0.01097	1.90E-04	7.10E-07	2.94E-04	0.000485	1.94E-04	6.99E-07	3.27E-04	5.22E-04	1.85E-04	8.88E-07	6.28E-04	8.14E-04
5350	488863.09, 3866377.25	0.0123	0.00996	0.01111	1.89E-04	7.25E-07	2.98E-04	0.000487	1.93E-04	7.14E-07	3.31E-04	5.25E-04	1.83E-04	9.06E-07	6.36E-04	8.21E-04
5351	489363.09, 3866377.25	0.01215	0.01015	0.01115	1.86E-04	7.39E-07	2.99E-04	0.000486	1.91E-04	7.27E-07	3.33E-04	5.24E-04	1.81E-04	9.23E-07	6.39E-04	8.21E-04
5352	489863.09, 3866377.25	0.01177	0.00995	0.01096	1.81E-04	7.24E-07	2.94E-04	0.000475	1.85E-04	7.13E-07	3.27E-04	5.12E-04	1.75E-04	9.05E-07	6.28E-04	8.04E-04
5353	490363.09, 3866377.25	0.01205	0.01042	0.01115	1.85E-04	7.58E-07	2.99E-04	0.000485	1.89E-04	7.47E-07	3.33E-04	5.22E-04	1.80E-04	9.48E-07	6.39E-04	8.19E-04
5354	490863.09, 3866377.25	0.01203	0.0104	0.01121	1.85E-04	7.57E-07	3.01E-04	0.000486	1.89E-04	7.45E-07	3.34E-04	5.24E-04	1.79E-04	9.46E-07	6.42E-04	8.22E-04
5355	491363.09, 3866377.25	0.01208	0.01036	0.01143	1.85E-04	7.54E-07	3.07E-04	0.000493	1.89E-04	7.42E-07	3.41E-04	5.31E-04	1.80E-04	9.42E-07	6.55E-04	8.36E-04
5356	491863.09, 3866377.25	0.01129	0.00969	0.01092	1.73E-04	7.05E-07	2.93E-04	0.000467	1.77E-04	6.94E-07	3.26E-04	5.03E-04	1.68E-04	8.81E-07	6.26E-04	7.95E-04
5357	492363.09, 3866377.25	0.0113	0.01034	0.01104	1.73E-04	7.53E-07	2.96E-04	0.00047	1.77E-04	7.41E-07	3.29E-04	5.07E-04	1.68E-04	9.41E-07	6.32E-04	8.02E-04
5358	492863.09, 3866377.25	0.01039	0.00957	0.01028	1.59E-04	6.97E-07	2.76E-04	0.000436	1.63E-04	6.86E-07	3.07E-04	4.70E-04	1.55E-04	8.71E-07	5.89E-04	7.45E-04
5359	493363.09, 3866377.25	0.01096	0.00988	0.01077	1.68E-04	7.19E-07	2.89E-04	0.000458	1.72E-04	7.08E-07	3.21E-04	4.94E-04	1.63E-04	8.99E-07	6.17E-04	7.81E-04
5360	493863.09, 3866377.25	0.01145	0.01022	0.01128	1.76E-04	7.44E-07	3.03E-04	0.000479	1.80E-04	7.32E-07	3.37E-04	5.17E-04	1.71E-04	9.30E-07	6.46E-04	8.18E-04
5361	494363.09, 3866377.25	0.01173	0.01034	0.01144	1.80E-04	7.53E-07	3.07E-04	0.000488	1.84E-04	7.41E-07	3.41E-04	5.26E-04	1.75E-04	9.41E-07	6.55E-04	8.31E-04
5362	494863.09, 3866377.25	0.0115	0.01027	0.01123	1.76E-04	7.48E-07	3.01E-04	0.000478	1.80E-04	7.36E-07	3.35E-04	5.16E-04	1.71E-04	9.34E-07	6.43E-04	8.16E-04
5363	495363.09, 3866377.25	0.01186	0.01069	0.01169	1.82E-04	7.78E-07	3.14E-04	0.000496	1.86E-04	7.66E-07	3.49E-04	5.35E-04	1.77E-04	9.72E-07	6.70E-04	8.47E-04
5364	495863.09, 3866377.25	0.01236	0.01131	0.01238	1.90E-04	8.23E-07	3.32E-04	0.000523	1.94E-04	8.10E-07	3.69E-04	5.64E-04	1.84E-04	1.03E-06	7.09E-04	8.94E-04
5365	496363.09, 3866377.25	0.01245	0.01146	0.01253	1.91E-04	8.34E-07	3.36E-04	0.000528	1.95E-04	8.21E-07	3.74E-04	5.70E-04	1.85E-04	1.04E-06	7.18E-04	9.04E-04
5366	496863.09, 3866377.25	0.01197	0.01108	0.01205	1.84E-04	8.07E-07	3.23E-04	0.000508	1.88E-04	7.94E-07	3.59E-04	5.48E-04	1.78E-04	1.01E-06	6.90E-04	8.70E-04
5367	497363.09, 3866377.25	0.01143	0.01063	0.01148	1.75E-04	7.74E-07	3.08E-04	0.000484	1.79E-04	7.62E-07	3.42E-04	5.22E-04	1.70E-04	9.67E-07	6.58E-04	8.29E-04
5368	497863.09, 3866377.25	0.01098	0.0101	0.01093	1.68E-04	7.35E-07	2.93E-04	0.000462	1.72E-04	7.24E-07	3.26E-04	4.99E-04	1.64E-04	9.19E-07	6.26E-04	7.91E-04
5369	498363.09, 3866377.25	0.00991	0.00902	0.00987	1.52E-04	6.57E-07	2.65E-04	0.000417	1.55E-04	6.46E-07	2.94E-04	4.50E-04	1.48E-04	8.20E-07	5.65E-04	7.14E-04
5370	474494.92, 3848334.16	0.00691	0.00734	0.00665	1.06E-04	5.34E-07	1.78E-04	0.000285	1.08E-04	5.26E-07	1.98E-04	3.07E-04	1.03E-04	6.68E-07	3.81E-04	4.85E-04
5371	475167.27, 3848920.79	0.00788	0.00845	0.0076	1.21E-04	6.15E-07	2.04E-04	0.000325	1.24E-04	6.05E-07	2.27E-04	3.51E-04	1.17E-04	7.69E-07	4.35E-04	5.54E-04
5372	475297.89, 3848997.96	0.00801	0.00861	0.00773	1.23E-04	6.27E-07	2.07E-04	0.000331	1.26E-04	6.17E-07	2.31E-04	3.57E-04	1.19E-04	7.83E-07	4.43E-04	5.63E-04
5373	475439.05, 3849062	0.00791	0.0085	0.00765	1.21E-04	6.19E-07	2.05E-04	0.000327	1.24E-04	6.09E-07	2.28E-04	3.53E-04	1.18E-04	7.73E-07	4.38E-04	5.57E-04
5374	475486.86, 3849061.09	0.00783	0.00842	0.00758	1.20E-04	6.13E-07	2.03E-04	0.000324	1.23E-04	6.03E-07	2.26E-04	3.49E-04	1.17E-04	7.66E-07	4.34E-04	5.52E-04
5375	475538.46, 3849075.56	0.00789	0.00848	0.00762	1.21E-04	6.17E-07	2.04E-04	0.000326	1.24E-04	6.08E-07	2.27E-04	3.52E-04	1.18E-04	7.71E-07	4.37E-04	5.55E-04
5376	475751.79, 3849137.15	0.00827	0.00891	0.00795	1.27E-04	6.49E-07	2.13E-04	0.000341	1.30E-04	6.38E-07	2.37E-04	3.67E-04	1.23E-04	8.10E-07	4.55E-04	5.79E-04
5377	476303.62, 3849223.38	0.00848	0.00919	0.00807	1.30E-04	6.69E-07	2.16E-04	0.000347	1.33E-04	6.58E-07	2.41E-04	3.74E-04	1.26E-04	8.36E-07	4.62E-04	5.89E-04
5378	476304.51, 3849238.92	0.00854	0.00925	0.00813	1.31E-04	6.73E-07	2.18E-04	0.00035	1.34E-04	6.63E-07	2.43E-04	3.77E-04	1.27E-04	8.41E-07	4.66E-04	5.94E-04
5379	476365.04, 3849247.98	0.00854	0.00925	0.00812	1.31E-04	6.73E-07	2.18E-04	0.00035	1.34E-04	6.63E-07	2.42E-04	3.77E-04	1.27E-04	8.41E-07	4.65E-04	5.93E-04
5380	476444.86, 3849267.13	0.0085	0.00921	0.00808	1.30E-04	6.70E-07	2.17E-04	0.000348	1.33E-04	6.60E-07	2.41E-04	3.75E-04	1.27E-04	8.38E-07	4.63E-04	5.90E-04
5381	476550.75, 3849300.66	0.00861	0.0093	0.00816	1.32E-04	6.77E-07	2.19E-04	0.000352	1.35E-04	6.66E-07	2.43E-04	3.79E-04	1.28E-04	8.46E-07	4.67E-04	5.97E-04
5382	476656.71, 3849346.88	0.00871	0.0094	0.00824	1.34E-04	6.84E-07	2.21E-04	0.000355	1.37E-04	6.74E-07	2.46E-04	3.83E-04	1.30E-04	8.55E-07	4.72E-04	6.03E-04
5383	476873.55, 3849454.53	0.00903	0.00968	0.00849	1.39E-04	7.05E-07	2.28E-04	0.000367	1.42E-04	6.94E-07	2.53E-04	3.96E-04	1.35E-04	8.81E-07	4.86E-04	6.22E-04
5384	477700, 3849859.7	0.01069	0.01107	0.00985	1.64E-04	8.06E-07	2.64E-04	0.000429	1.68E-04	7.93E-07	2.94E-04	4.62E-04	1.59E-04	1.01E-06	5.64E-04	7.25E-04
5385	477743.16, 3849856.38	0.01063	0.01103	0.00986	1.63E-04	8.03E-07	2.64E-04	0.000428	1.67E-04	7.90E-07	2.94E-04	4.62E-04	1.58E-04	1.00E-06	5.65E-04	7.24E-04
5386	478477.35, 3850216.33	0.01309	0.01383	0.01238	2.01E-04	1.01E-06	3.32E-04	0.000534	2.05E-04	9.91E-07	3.69E-04	5.76E-04	1.95E-04	1.26E-06	7.09E-04	9.05E-04

5387	478485.8, 3850201.6	0.0132	0.01398	0.01251	2.03E-04	1.02E-06	3.36E-04	0.000539	2.07E-04	1.00E-06	3.73E-04	5.81E-04	1.97E-04	1.27E-06	7.17E-04	9.15E-04
5388	479113.21, 3850501.53	0.01765	0.01993	0.01703	2.71E-04	1.45E-06	4.57E-04	0.000729	2.77E-04	1.43E-06	5.08E-04	7.86E-04	2.63E-04	1.81E-06	9.76E-04	1.24E-03
5389	479108.11, 3850382.28	0.01778	0.02041	0.01737	2.73E-04	1.49E-06	4.66E-04	0.00074	2.79E-04	1.46E-06	5.18E-04	7.98E-04	2.65E-04	1.86E-06	9.95E-04	1.26E-03
5390	479689.85, 3850674.28	0.02052	0.02411	0.02037	3.15E-04	1.76E-06	5.46E-04	0.000863	3.22E-04	1.73E-06	6.08E-04	9.31E-04	3.06E-04	2.19E-06	1.17E-03	1.47E-03
5391	479952.42, 3850774.28	0.0214	0.02499	0.02116	3.28E-04	1.82E-06	5.68E-04	0.000898	3.36E-04	1.79E-06	6.31E-04	9.69E-04	3.19E-04	2.27E-06	1.21E-03	1.53E-03
5392	479911.32, 3850884.85	0.02218	0.02632	0.02197	3.40E-04	1.92E-06	5.89E-04	0.000932	3.48E-04	1.89E-06	6.55E-04	1.01E-03	3.30E-04	2.39E-06	1.26E-03	1.59E-03
5393	480500.92, 3851178.12	0.02515	0.02849	0.02416	3.86E-04	2.07E-06	6.48E-04	0.001036	3.94E-04	2.04E-06	7.21E-04	1.12E-03	3.75E-04	2.59E-06	1.38E-03	1.76E-03
5394	480738.01, 3851289.27	0.02608	0.0286	0.02463	4.00E-04	2.08E-06	6.61E-04	0.001063	4.09E-04	2.05E-06	7.35E-04	1.15E-03	3.89E-04	2.60E-06	1.41E-03	1.80E-03
5395	481055.42, 3851443.58	0.02726	0.02926	0.0253	4.18E-04	2.13E-06	6.79E-04	0.001099	4.27E-04	2.10E-06	7.55E-04	1.18E-03	4.06E-04	2.66E-06	1.45E-03	1.86E-03
5396	481110.22, 3851443.15	0.027	0.02894	0.02503	4.14E-04	2.11E-06	6.71E-04	0.001088	4.23E-04	2.07E-06	7.47E-04	1.17E-03	4.02E-04	2.63E-06	1.43E-03	1.84E-03
5397	481111.1, 3851417.45	0.02656	0.02847	0.02466	4.08E-04	2.07E-06	6.61E-04	0.001071	4.16E-04	2.04E-06	7.36E-04	1.15E-03	3.96E-04	2.59E-06	1.41E-03	1.81E-03
5398	482248.44, 3852605.09	0.0472	0.05324	0.0419	7.24E-04	3.88E-06	1.12E-03	0.001852	7.40E-04	3.81E-06	1.25E-03	1.99E-03	7.03E-04	4.84E-06	2.40E-03	3.11E-03
5399	482273.34, 3852632.31	0.04797	0.05414	0.04251	7.36E-04	3.94E-06	1.14E-03	0.00188	7.52E-04	3.88E-06	1.27E-03	2.02E-03	7.15E-04	4.92E-06	2.44E-03	3.15E-03
5400	482665.46, 3853038.72	0.06542	0.07027	0.05586	1.00E-03	5.12E-06	1.50E-03	0.002507	1.03E-03	5.04E-06	1.67E-03	2.70E-03	9.75E-04	6.39E-06	3.20E-03	4.18E-03
5401	483077.95, 3853844.31	0.41844	0.16621	0.40307	6.42E-03	1.21E-05	1.08E-02	0.017244	6.56E-03	1.19E-05	1.20E-02	1.86E-02	6.23E-03	1.51E-05	2.31E-02	2.93E-02
5402	483121.38, 3853909.38	0.39205	0.18087	0.47705	6.02E-03	1.32E-05	1.28E-02	0.018824	6.15E-03	1.30E-05	1.42E-02	2.04E-02	5.84E-03	1.65E-05	2.73E-02	3.32E-02
5403	483492.64, 3853911.49	0.23205	0.15198	0.28048	3.56E-03	1.11E-05	7.52E-03	0.011095	3.64E-03	1.09E-05	8.37E-03	1.20E-02	3.46E-03	1.38E-05	1.61E-02	1.95E-02
5404	483498.29, 3854204.73	0.32432	0.2554	0.57095	4.98E-03	1.86E-05	1.53E-02	0.020308	5.09E-03	1.83E-05	1.70E-02	2.21E-02	4.83E-03	2.32E-05	3.27E-02	3.76E-02
5405	484132.44, 3854662.55	0.45939	1.31873	0.46555	7.05E-03	9.60E-05	1.25E-02	0.019632	7.20E-03	9.45E-05	1.39E-02	2.12E-02	6.84E-03	1.20E-04	2.67E-02	3.36E-02
5406	484627.62, 3854876.13	0.58922	1.94078	0.52306	9.04E-03	1.41E-04	1.40E-02	0.023212	9.24E-03	1.39E-04	1.56E-02	2.50E-02	8.78E-03	1.77E-04	3.00E-02	3.89E-02
5407	484756.14, 3854949.04	0.63544	1.98002	0.5589	9.75E-03	1.44E-04	1.50E-02	0.024885	9.96E-03	1.42E-04	1.67E-02	2.68E-02	9.47E-03	1.80E-04	3.20E-02	4.17E-02
5408	486697.51, 3856599.17	0.89665	0.23674	0.95631	1.38E-02	1.72E-05	2.56E-02	0.039425	1.41E-02	1.70E-05	2.85E-02	4.26E-02	1.34E-02	2.15E-05	5.48E-02	6.82E-02
5409	487105.31, 3856962.27	1.04398	0.40138	1.13005	1.60E-02	2.92E-05	3.03E-02	0.046358	1.64E-02	2.88E-05	3.37E-02	5.01E-02	1.56E-02	3.65E-05	6.47E-02	8.03E-02
5410	487157.57, 3856901.7	0.95437	0.34588	1.0272	1.46E-02	2.52E-05	2.76E-02	0.04222	1.50E-02	2.48E-05	3.06E-02	4.56E-02	1.42E-02	3.15E-05	5.88E-02	7.31E-02
5411	487173.5, 3856853.74	0.90653	0.31242	0.97213	1.39E-02	2.27E-05	2.61E-02	0.040007	1.42E-02	2.24E-05	2.90E-02	4.32E-02	1.35E-02	2.84E-05	5.57E-02	6.92E-02
5412	487564.41, 3856860.83	0.74694	0.41859	0.79884	1.15E-02	3.05E-05	2.14E-02	0.032918	1.17E-02	3.00E-05	2.38E-02	3.56E-02	1.11E-02	3.81E-05	4.58E-02	5.69E-02
5413	487563.31, 3856931.58	0.78529	0.52914	0.84372	1.21E-02	3.85E-05	2.26E-02	0.034718	1.23E-02	3.79E-05	2.52E-02	3.75E-02	1.17E-02	4.81E-05	4.83E-02	6.01E-02
5414	487782.7, 3856926.85	0.70706	0.56246	0.75821	1.08E-02	4.09E-05	2.03E-02	0.031226	1.11E-02	4.03E-05	2.26E-02	3.37E-02	1.05E-02	5.12E-05	4.34E-02	5.40E-02
5415	487782.39, 3856757.07	0.63832	0.35477	0.67795	9.80E-03	2.58E-05	1.82E-02	0.028004	1.00E-02	2.54E-05	2.02E-02	3.03E-02	9.51E-03	3.23E-05	3.88E-02	4.84E-02
5416	487917.26, 3856752.41	0.6068	0.37052	0.64392	9.31E-03	2.70E-05	1.73E-02	0.026609	9.51E-03	2.65E-05	1.92E-02	2.88E-02	9.04E-03	3.37E-05	3.69E-02	4.60E-02
5417	487919.57, 3856953.35	0.67676	0.61996	0.7267	1.04E-02	4.51E-05	1.95E-02	0.029921	1.06E-02	4.44E-05	2.17E-02	3.23E-02	1.01E-02	5.64E-05	4.16E-02	5.18E-02
5418	487932.76, 3857000.32	0.68889	0.70417	0.74203	1.06E-02	5.13E-05	1.99E-02	0.030524	1.08E-02	5.05E-05	2.21E-02	3.30E-02	1.03E-02	6.41E-05	4.25E-02	5.28E-02
5419	487960.5, 3857044.75	0.696	0.78793	0.75214	1.07E-02	5.74E-05	2.02E-02	0.03091	1.09E-02	5.65E-05	2.24E-02	3.34E-02	1.04E-02	7.17E-05	4.31E-02	5.35E-02
5420	488016.54, 3857089.54	0.69357	0.86057	0.75219	1.06E-02	6.26E-05	2.02E-02	0.03088	1.09E-02	6.17E-05	2.24E-02	3.34E-02	1.03E-02	7.83E-05	4.31E-02	5.35E-02
5421	488114.39, 3857165.47	0.68742	0.95415	0.75585	1.05E-02	6.95E-05	2.03E-02	0.03089	1.08E-02	6.84E-05	2.25E-02	3.34E-02	1.02E-02	8.68E-05	4.33E-02	5.36E-02
5422	488171.49, 3857234.24	0.69058	1.00963	0.76308	1.06E-02	7.35E-05	2.05E-02	0.031137	1.08E-02	7.23E-05	2.28E-02	3.37E-02	1.03E-02	9.18E-05	4.37E-02	5.41E-02
5423	488193.16, 3857297.8	0.70339	1.05552	0.78106	1.08E-02	7.68E-05	2.09E-02	0.031819	1.10E-02	7.56E-05	2.33E-02	3.44E-02	1.05E-02	9.60E-05	4.47E-02	5.53E-02
5424	488189.27, 3857649.94	0.82367	0.93263	0.93541	1.26E-02	6.79E-05	2.51E-02	0.037795	1.29E-02	6.68E-05	2.79E-02	4.09E-02	1.23E-02	8.48E-05	5.36E-02	6.59E-02
5425	488127.43, 3857732.32	0.89115	0.87228	1.02873	1.37E-02	6.35E-05	2.76E-02	0.041329	1.40E-02	6.25E-05	3.07E-02	4.47E-02	1.33E-02	7.93E-05	5.89E-02	7.23E-02
5426	488149.93, 3857752.94	0.88348	0.82612	1.02269	1.36E-02	6.01E-05	2.74E-02	0.041046	1.39E-02	5.92E-05	3.05E-02	4.44E-02	1.32E-02	7.51E-05	5.86E-02	7.18E-02
5427	488144.76, 3857758.71	0.88864	0.8213	1.03106	1.36E-02	5.98E-05	2.77E-02	0.04135	1.39E-02	5.88E-05	3.08E-02	4.48E-02	1.32E-02	7.47E-05	5.91E-02	7.24E-02
5428	488335.58, 3857932.55	0.81882	0.52446	0.94446	1.26E-02	3.82E-05	2.53E-02	0.037934	1.28E-02	3.76E-05	2.82E-02	4.11E-02	1.22E-02	4.77E-05	5.41E-02	6.63E-02
5429	488372.29, 3857943.79	0.80011	0.50482	0.91826	1.23E-02	3.67E-05	2.46E-02	0.036943	1.25E-02	3.62E-05	2.74E-02	4.00E-02	1.19E-02	4.59E-05	5.26E-02	6.46E-02
5430	488828.64, 3857936.4	0.59444	0.41873	0.66267	9.12E-03	3.05E-05	1.78E-02	0.026925	9.32E-03	3.00E-05	1.98E-02	2.91E-02	8.86E-03	3.81E-05	3.80E-02	4.69E-02
5431	488829.08, 3857959.58	0.59487	0.40648	0.66409	9.13E-03	2.96E-05	1.78E-02	0.026969	9.33E-03	2.91E-05	1.98E-02	2.92E-02	8.86E-03	3.70E-05	3.80E-02	4.69E-02
5432	488351.61, 3857964.55	0.81712	0.49085	0.94197	1.25E-02	3.57E-05	2.53E-02	0.037839	1.28E-02	3.52E-05	2.81E-02	4.09E-02	1.22E-02	4.46E-05	5.40E-02	6.62E-02
5433	488316.87, 3857947.65	0.83378	0.51463	0.96616	1.28E-02	3.75E-05	2.59E-02	0.038745	1.31E-02	3.69E-05	2.88E-02	4.19E-02	1.24E-02	4.68E-05	5.53E-02	6.78E-02
5434	488129.1, 3857775.77	0.90494	0.80585	1.05634	1.39E-02	5.87E-05	2.83E-02	0.042277	1.42E-02	5.77E-05	3.15E-02	4.58E-02	1.35E-02	7.33E-05	6.05E-02	7.41E-02
5435	488062.53, 3857846.13	0.98382	0.72935	1.17709	1.51E-02	5.31E-05	3.16E-02	0.04672	1.54E-02	5.23E-05	3.51E-02	5.06E-02	1.47E-02	6.63E-05	6.74E-02	8.22E-02
5436	488330.41, 3858091.34	0.86388	0.39649	1.02235	1.33E-02	2.89E-05	2.74E-02	0.040705	1.35E-02	2.84E-05	3.05E-02	4.41E-02	1.29E-02	3.61E-05	5.86E-02	7.15E-02
5437	488470.87, 3858174.45	0.78415	0.33133	0.89926	1.20E-02	2.41E-05	2.41E-02	0.036176	1.23E-02	2.37E-05	2.68E-02	3.91E-02	1.17E-02	3.01E-05	5.15E-02	6.32E-02
5438	488568.9, 3858262.31	0.71668	0.2803	0.78307	1.10E-02	2.04E-05	2.10E-02	0.03202	1.12E-02	2.01E-05	2.34E-02	3.46E-02	1.07E-02	2.55E-05	4.49E-02	5.56E-02
5439	488964.27, 3858025.71	0.54893	0.35594	0.61043	8.42E-03	2.59E-05	1.64E-02	0.024821	8.61E-03	2.55E-05	1.82E-02	2.68E-02	8.18E-03	3.24E-05	3.50E-02	4.32E-02
5440	489147.25, 3857956.64	0.49822	0.36335	0.55547	7.65E-03	2.64E-05	1.49E-02	0.02257	7.81E-03	2.60E-05	1.66E-02	2.44E-02	7.42E-03	3.31E-05	3.18E-02	3.93E-02
5441	489343.52, 3857932.45	0.45252	0.34625	0.5046	6.94E-03	2.52E-05	1.35E-02	0.020503	7.10E-03	2.48E-05	1.51E-02	2.22E-02	6.74E-03	3.15E-05	2.89E-02	3.57E-02
5442	489866.19, 3857923.19	0.36088	0.28681	0.39766	5.54E-03	2.09E-05	1.07E-02	0.016224	5.66E-03	2.06E-05	1.19E-02	1.75E-02	5.38E-03	2.61E-05	2.28E-02	2.82E-02
5443	489955.65, 3857902.27	0.34897	0.28065	0.38441	5.36E-03	2.04E-05	1.03E-02	0.015685	5.47E-03	2.01E-05	1.15E-02	1.70E-02	5.20E-03	2.55E-05	2.20E-02	2.72E-02
5444	490079.44, 3857847.9	0.3368	0.27538	0.36937	5.17E-03	2.00E-05	9.91E-03	0.015095	5.28E-03	1.97E-05	1.10E-02	1.63E-02	5.02E-03	2.50E-05	2.12E-02	2.62E-02
5445	490108.49, 3857934.13	0.32897	0.26144	0.35893	5.05E-03	1.90E-05	9.63E-03	0.014694	5.16E-03	1.87E-05	1.07E-02	1.59E-02	4.90E-03	2.38E-05	2.06E-02	2.55E-02
5446	489884.48, 3858014.17	0.3533	0.26945	0.38587	5.42E-03	1.96E-05	1.03E-02	0.01579	5.54E-03	1.93E-05	1.15E-02	1.71E-02	5.26E-03	2.45E-05	2.21E-02	2.74E-02
5447	489326.56, 3858025.86	0.45145	0.31904	0.50035	6.93E-03	2.32E-05	1.34E-02	0.02037	7.08E-03	2.29E-05	1.49E-02	2.20E-02	6.73E-03	2.90E-05	2.87E-02	3.54E-02
5448	489130.38, 3858056.71	0.49715	0.32746	0.55382	7.63E-03	2.38E-05	1.49E-02	0.022506	7.79E-03	2.35E-05	1.65E-02	2.43E-02	7.41E-03	2.98E-05	3.17E-02	3.92E-02
5449	488936.49, 3858143.93	0.55075	0.30749	0.60729	8.45E-03	2.24E-05	1.63E-02	0.024762	8.64E-03	2.20E-05	1.81E-02	2.68E-02	8.20E-03	2.80E-05	3.48E-02	4.30E-02
5450	488638.08, 3858327.45	0.65822	0.25298	0.6948	1.01E-02	1.84E-05	1.86E-02	0.028754	1.03E-02	1.81E-05	2.07E-02	3.11E-02	9.81E-03	2.30E-05	3.98E-02	4.96E-02
5451	488663.79, 3858349.57	0.63883	0.24489	0.66176	9.80E-03	1.78E-05	1.77E-02	0.02757	1.00E-02	1.75E-05	1.97E-02	2.98E-02	9.52E-03	2.23E-05	3.79E-02	4.74E-02
5452	488694.56, 3858349.5	0.62239	0.24447	0.64289	9.55E-03	1.78E-05	1.72E-02	0.026811	9.76E-03	1.75E-05	1.92E-02	2.90E-02	9.27E-03	2.22E-05	3.68E-02	4.61E-02
5453	488694.35, 3858336.75	0.62506	0.2488	0.65234	9.59E-03	1.81E-05	1.75E-02	0.027106	9.80E-03	1.78E-05	1.95E-02	2.93E-02	9.31E-03	2.26E-05	3.74E-02	4.67E-02
5454	488712.81, 3858336.38	0.61573	0.24855	0.64174	9.45E-03	1.81E-05	1.72E-02	0.026678	9.65E-03	1.78E-05	1.91E-02	2.88E-02	9.17E-03	2.26E-05	3.68E-02	4.60E-02
5455	488713.23, 3858367.46	0.60963	0.23816	0.61786	9.35E-03	1.73E-05	1.66E-02	0.025944	9.56E-03	1.71E-05	1.84E-02	2.80E-02	9.08E-03	2.17E-05	3.54E-02	4.45E-02
5456	488704.63, 3858384.05	0.61121	0.23274	0.60811	9.38E-03	1.69E-05	1.63E-02	0.025706	9.58E-03	1.67E-05	1.81E-02	2.77E-02	9.11E-03	2.12E-05	3.48E-02	4.40E-02
5457	488604.15, 3858488.29	0.66992	0.19843	0.54134	1.03E-02	1.44E-05	1.45E-02	0.024813	1.05E-02	1.42E-05	1.61E-02	2.67E-02	9.98E-03	1.80E-05	3.10E-02	4.10E-02
5458	488605.66, 3858550.47	0.70219	0.18059	0.45982	1.08E-02	1.31E-05	1.23E-02	0.023121	1.10E-02	1.29E-05	1.37E-02	2.47E-02	1.05E-02	1.64E-05	2.63E-02	3.68E-02
5459	488692.68, 3858548.71	0.63184	0.18288	0.4426	9.70E-03	1.33E-05	1.19E-02	0.02158	9.91E-03	1.31E-05	1.32E-02	2.31E-02	9.41E-03	1.66E-05	2.54E-02	3.48E-02
5460	488759.93, 3858461.81	0.57757	0.20879	0.51194	8.86E-03	1.52E-05	1.37E-02	0.022609	9.06E-03	1.50E-05	1.53E-02	2.43E-02	8.60E-03	1.90E-05	2.93E-02	3.79E-02
5461	488816.57, 3858541.79	0.55747	0.18723	0.4248	8.55E-03	1.36E-05	1.14E-02	0.019961	8.74E-03	1.34E-05	1.27E-02	2.14E-02	8.30E-03	1.70E-05	2.43E-02	3.27E-02
5462	488944.63, 3858656.77	0.52755	0.16236	0.32706	8.10E-03	1.18E-05	8.77E-03	0.016879	8.27E-03	1.16E-05	9.76E-03	1.80E-02	7.86E-03	1.48E-05	1.87E-02	2.66E-02
5463	489134.91, 3858830.7	0.44757	0.1337	0.23844	6.87E-03	9.73E-06	6.40E-03	0.013273	7.02E-03	9.58E-06	7.11E-03	1.41E-02	6.67E-03	1.22E-05	1.37E-02	2.03E-02
5464	489193.99, 3858886.05	0.37841	0.12627	0.21888	5.81E-03	9.19E-06	5.87E-03	0.011686	5.93E-03	9.05E-06	6.53E-03	1.25E-02	5.64E-03	1.15E-05	1.25E-02	1.82E-02
5465	489295.2, 3858954.34	0.29751	0.11833	0.19822	4.57E-03	8.61E-06	5.32E-03	0.00989	4.66E-03	8.48E-06	5.91E-03	1.06E-02	4.43E-03	1.08E-05	1.14E-02	1.58E-02
5466	489295.64, 3858992.74	0.27378	0.11354	0.18798	4.20E-03	8.26E-06	5.04E-03	0.009251	4.29E-03	8.14E-06	5.61E-03	9.91E-03	4.08E-03	1.03E-05	1.08E-02	1.49E-02
5467	489183.74, 3858911.72	0.36287	0.12255	0.21088	5.57E-03	8.92E-06	5.66E-03	0.011233	5.69E-03	8.78E-06	6.29E-03	1.20E-02	5.41E-03	1.11E-05	1.21E-02	1.75E-02
5468	488873.37, 3858625.59	0.55346	0.16794	0.35316	8.49E-03	1.22E-05	9.47E-03	0.017977	8.68E-03	1.20E-05	1.05E-02	1.92E-02	8.24E-03	1.53E-05	2.02E-02	2.85E-02
5469	488842.84, 3858658.69	0.59311	0.15985	0.33244	9.10E-03	1.16E-05	8.92E-03	0.018029	9.30E-03	1.15E-05	9.92E-03	1.92E-02	8.84E-03	1.45E-05	1.90E-02	2.79E-02
5470	488856.39, 3858670.93	0.59182	0.15767	0.32407	9.08E-03	1.15E-05	8.69E-03	0.017785	9.28E-03	1.13E-05	9.67E-03	1.90E-02	8.82E-03	1.43E-05	1.86E-02	2.74E-02
5471	488805.7, 3858724.5	0.71128	0.14623	0.29244	1.09E-02	1.06E-05	7.84E-03	0.018769	1.12E-02	1.05E-05	8.72E-03	1.99E-02	1.06E-02	1.33E-05	1.68E-02	2.74E-02
5472	488805.87, 3858804.16	0.97305	0.13338	0.24935	1.49E-02	9.71E-06	6.69E-03	0.021629	1.53E-02	9.56E-06	7.44E-03	2.27E-02	1.45E-02	1.21E-05	1.43E-02	2.88E-02
5473	488995.78, 3858936.96	0.43834	0.11748	0.20056	6.73E-03	8.55E-06	5.38E-03	0.012114	6.87E-03	8.42E-06	5.98E-03	1.29E-02	6.53E-03	1.07E-05	1.15E-02	1.80E-02
5474	489130.76, 3859017.38	0.27716	0.10957	0.17996	4.25E-03	7.98E-06	4.83E-03	0.009088	4.35E-03	7.85E-06	5.37E-03	9.72E-03	4.13E-03	9.97E-06	1.03E-02	1.44E-02
5475	489130.92, 3859052.24	0.24789	0.10631	0.17133	3.80E-03	7.74E-06	4.60E-03	0.008407	3.89E-03	7.62E-06	5.11E-03	9.01E-03	3.69E-03	9.67E-06	9.81E-03	1.35E-02
5476	489200.33, 3859090.6	0.22198	0.1029	0.16339	3.41E-03	7.49E-06	4.38E-03	0.007796	3.48E-03	7.37E-06	4.87E-03	8.36E-03	3.31E-03	9.36E-06	9.36E-03	1.27E-02
5477	489296.07, 3859143.7	0.19633	0.09847	0.15348	3.01E-03	7.17E-06	4.12E-03	0.007136	3.08E-03	7.06E-06	4.58E-03	7.66E-03	2.92E-03	8.96E-06	8.79E-03	1.17E-02
5478	489296.43, 3858954.74	0.297	0.1183	0.19811	4.56E-03	8.61E-06	5.31E-03	0.00988	4.66E-03	8.48E-06	5.91E-03	1.06E-02	4.42E-03	1.08E-05	1.13E-02	1.58E-02
5479	489410.33, 3859033.19	0.23955	0.11022	0.17869	3.68E-03	8.02E-06	4.79E-03	0.008477	3.76E-03	7.90E-06	5.33E-03	9.09E-03	3.57E-03	1.00E-05	1.02E-02	1.38E-02
5480	489371.37, 3859089.8	0.2175	0.10371	0.16567	3.34E-03	7.55E-06	4.44E-03	0.007788	3.41E-03	7.43E-06	4.94E-03	8.36E-03	3.24E-03	9.43E-06	9.49E-03	1.27E-02
5481	489390.52, 3859102.82	0.21136	0.10258	0.16309	3.24E-03	7.47E-06	4.37E-03	0.007625	3.31E-03	7.35E-06	4.87E-03	8.19E-03	3.15E-03	9.33E-06	9.34E-03	1.25E-02
5482	489382.3, 3859114.53	0.207	0.10142	0.1606	3.18E-03	7.38E-06	4.31E-03	0.007491	3.25E-03	7.27E-06	4.79E-03	8.04E-03	3.08E-03	9.23E-06	9.20E-03	1.23E-02
5483	489363.04, 3859102.45	0.21252	0.10244	0.16293	3.26E-03	7.46E-06	4.37E-03	0.007638	3.33E-03	7.34E-06	4.86E-03	8.20E-03	3.17E-03	9.32E-06	9.33E-03	1.25E-02
5484	489337.52, 3859140.71	0.1975	0.0988	0.15461	3.03E-03	7.19E-06	4.15E-03	0.007185	3.10E-03	7.08E-06	4.61E-03	7.72E-03	2.94E-03	8.99E-06	8.86E-03	1.18E-02

5485	489375.14, 3859164.55	0.18837	0.09694	0.15051	2.89E-03	7.06E-06	4.04E-03	0.006934	2.95E-03	6.95E-06	4.49E-03	7.45E-03	2.81E-03	8.82E-06	8.62E-03	1.14E-02
5486	489409.3, 3859114.5	0.20616	0.1016	0.16085	3.16E-03	7.40E-06	4.31E-03	0.007485	3.23E-03	7.28E-06	4.80E-03	8.04E-03	3.07E-03	9.24E-06	9.21E-03	1.23E-02
5487	489434.87, 3859131.81	0.19908	0.10019	0.1577	3.05E-03	7.29E-06	4.23E-03	0.007292	3.12E-03	7.18E-06	4.70E-03	7.83E-03	2.97E-03	9.11E-06	9.03E-03	1.20E-02
5488	489471.87, 3859075.75	0.21776	0.10625	0.16963	3.34E-03	7.73E-06	4.55E-03	0.007899	3.41E-03	7.61E-06	5.06E-03	8.48E-03	3.24E-03	9.66E-06	9.72E-03	1.30E-02
5489	489602.62, 3859164.69	0.18447	0.09866	0.15306	2.83E-03	7.18E-06	4.11E-03	0.006943	2.89E-03	7.07E-06	4.57E-03	7.47E-03	2.75E-03	8.97E-06	8.77E-03	1.15E-02
5490	489558.29, 3859232.45	0.16744	0.09237	0.1409	2.57E-03	6.72E-06	3.78E-03	0.006355	2.63E-03	6.62E-06	4.20E-03	6.84E-03	2.49E-03	8.40E-06	8.07E-03	1.06E-02
5491	489620.11, 3859273.56	0.15746	0.08947	0.13489	2.42E-03	6.51E-06	3.62E-03	0.006041	2.47E-03	6.41E-06	4.02E-03	6.50E-03	2.35E-03	8.14E-06	7.73E-03	1.01E-02
5492	489666.06, 3859206.42	0.17257	0.09539	0.14618	2.65E-03	6.94E-06	3.92E-03	0.006576	2.71E-03	6.83E-06	4.36E-03	7.07E-03	2.57E-03	8.68E-06	8.37E-03	1.10E-02
5493	489787.9, 3859285.65	0.15415	0.08974	0.13471	2.37E-03	6.53E-06	3.61E-03	0.005985	2.42E-03	6.43E-06	4.02E-03	6.44E-03	2.30E-03	8.16E-06	7.72E-03	1.00E-02
5494	489752.17, 3859343.13	0.14341	0.08513	0.12618	2.20E-03	6.20E-06	3.38E-03	0.005591	2.25E-03	6.10E-06	3.76E-03	6.02E-03	2.14E-03	7.74E-06	7.23E-03	9.37E-03
5495	489814.94, 3859385.33	0.13614	0.08259	0.12123	2.09E-03	6.01E-06	3.25E-03	0.005347	2.13E-03	5.92E-06	3.62E-03	5.76E-03	2.03E-03	7.51E-06	6.94E-03	8.98E-03
5496	489853.42, 3859330.74	0.14549	0.08674	0.12883	2.23E-03	6.31E-06	3.46E-03	0.005694	2.28E-03	6.22E-06	3.84E-03	6.13E-03	2.17E-03	7.89E-06	7.38E-03	9.56E-03
5497	489969.5, 3859401.91	0.13368	0.08244	0.12054	2.05E-03	6.00E-06	3.23E-03	0.00529	2.10E-03	5.91E-06	3.60E-03	5.70E-03	1.99E-03	7.50E-06	6.91E-03	8.90E-03
5498	490166.91, 3859486.96	0.12177	0.07801	0.11194	1.87E-03	5.68E-06	3.00E-03	0.004877	1.91E-03	5.59E-06	3.34E-03	5.25E-03	1.81E-03	7.10E-06	6.41E-03	8.23E-03
5499	490128.86, 3859571.46	0.11145	0.07265	0.10277	1.71E-03	5.29E-06	2.76E-03	0.004472	1.75E-03	5.21E-06	3.07E-03	4.82E-03	1.66E-03	6.61E-06	5.89E-03	7.55E-03
5500	490186.65, 3859593.65	0.10924	0.07173	0.10114	1.68E-03	5.22E-06	2.71E-03	0.004394	1.71E-03	5.14E-06	3.02E-03	4.74E-03	1.63E-03	6.52E-06	5.79E-03	7.43E-03
5501	490223.74, 3859517.48	0.11809	0.07649	0.10914	1.81E-03	5.57E-06	2.93E-03	0.004745	1.85E-03	5.48E-06	3.26E-03	5.11E-03	1.76E-03	6.96E-06	6.25E-03	8.02E-03
5502	490846.34, 3859817.22	0.09179	0.06482	0.08849	1.41E-03	4.72E-06	2.37E-03	0.003787	1.44E-03	4.64E-06	2.64E-03	4.08E-03	1.37E-03	5.90E-06	5.07E-03	6.44E-03
5503	490925.65, 3859844.59	0.08999	0.06407	0.08712	1.38E-03	4.66E-06	2.34E-03	0.003722	1.41E-03	4.59E-06	2.60E-03	4.01E-03	1.34E-03	5.83E-06	4.99E-03	6.34E-03
5504	491159.29, 3859896.28	0.08644	0.06274	0.0843	1.33E-03	4.57E-06	2.26E-03	0.003592	1.36E-03	4.50E-06	2.51E-03	3.87E-03	1.29E-03	5.71E-06	4.83E-03	6.12E-03
5505	491370.69, 3859960.89	0.08212	0.06052	0.08039	1.26E-03	4.41E-06	2.16E-03	0.003421	1.29E-03	4.34E-06	2.40E-03	3.69E-03	1.22E-03	5.51E-06	4.61E-03	5.83E-03
5506	491330.28, 3860063.17	0.07621	0.05599	0.07413	1.17E-03	4.08E-06	1.99E-03	0.003162	1.19E-03	4.01E-06	2.21E-03	3.41E-03	1.14E-03	5.09E-06	4.25E-03	5.39E-03
5507	491636.45, 3860180.75	0.07092	0.05325	0.06964	1.09E-03	3.88E-06	1.87E-03	0.00296	1.11E-03	3.82E-06	2.08E-03	3.19E-03	1.06E-03	4.84E-06	3.99E-03	5.05E-03
5508	491617.94, 3860203.93	0.06978	0.05234	0.06841	1.07E-03	3.81E-06	1.83E-03	0.002909	1.09E-03	3.75E-06	2.04E-03	3.14E-03	1.04E-03	4.76E-06	3.92E-03	4.96E-03
5509	491805.68, 3860271.59	0.06704	0.05088	0.06605	1.03E-03	3.70E-06	1.77E-03	0.002804	1.05E-03	3.65E-06	1.97E-03	3.03E-03	9.99E-04	4.63E-06	3.78E-03	4.79E-03
5510	491654.23, 3860414.02	0.06074	0.04613	0.05947	9.32E-04	3.36E-06	1.60E-03	0.00253	9.52E-04	3.31E-06	1.77E-03	2.73E-03	9.05E-04	4.20E-06	3.41E-03	4.32E-03
5511	491592.62, 3860510.76	0.05628	0.04325	0.05505	8.64E-04	3.15E-06	1.48E-03	0.002343	8.82E-04	3.10E-06	1.64E-03	2.53E-03	8.38E-04	3.93E-06	3.15E-03	4.00E-03
5512	491475.41, 3860368.93	0.0613	0.04631	0.05971	9.41E-04	3.37E-06	1.60E-03	0.002545	9.61E-04	3.32E-06	1.78E-03	2.75E-03	9.13E-04	4.21E-06	3.42E-03	4.34E-03
5513	491445.61, 3860337.28	0.06253	0.04706	0.06085	9.60E-04	3.43E-06	1.63E-03	0.002595	9.80E-04	3.37E-06	1.82E-03	2.80E-03	9.32E-04	4.28E-06	3.49E-03	4.42E-03
5514	491399.05, 3860300.37	0.06408	0.04801	0.06229	9.83E-04	3.49E-06	1.67E-03	0.002657	1.00E-03	3.44E-06	1.86E-03	2.87E-03	9.55E-04	4.37E-06	3.57E-03	4.53E-03
5515	491228.84, 3860235.98	0.06635	0.04932	0.06424	1.02E-03	3.59E-06	1.72E-03	0.002745	1.04E-03	3.53E-06	1.92E-03	2.96E-03	9.88E-04	4.49E-06	3.68E-03	4.67E-03
5516	491228.47, 3860174.57	0.06961	0.05132	0.06736	1.07E-03	3.74E-06	1.81E-03	0.002879	1.09E-03	3.68E-06	2.01E-03	3.10E-03	1.04E-03	4.67E-06	3.86E-03	4.90E-03
5517	491145.77, 3860112.55	0.07284	0.05326	0.07037	1.12E-03	3.88E-06	1.89E-03	0.003009	1.14E-03	3.82E-06	2.10E-03	3.25E-03	1.09E-03	4.84E-06	4.03E-03	5.12E-03
5518	490844.41, 3859966.22	0.08105	0.05798	0.0779	1.24E-03	4.22E-06	2.09E-03	0.003337	1.27E-03	4.15E-06	2.32E-03	3.60E-03	1.21E-03	5.27E-06	4.46E-03	5.68E-03
5519	490845.55, 3859928.15	0.08366	0.05956	0.08043	1.28E-03	4.34E-06	2.16E-03	0.003445	1.31E-03	4.27E-06	2.40E-03	3.72E-03	1.25E-03	5.42E-06	4.61E-03	5.86E-03
5520	490046.91, 3859625.6	0.10467	0.06972	0.09704	1.61E-03	5.08E-06	2.60E-03	0.004214	1.64E-03	5.00E-06	2.89E-03	4.54E-03	1.56E-03	6.34E-06	5.56E-03	7.12E-03
5521	489970.48, 3859589.4	0.10819	0.07141	0.0999	1.66E-03	5.20E-06	2.68E-03	0.004345	1.70E-03	5.12E-06	2.98E-03	4.68E-03	1.61E-03	6.50E-06	5.72E-03	7.34E-03
5522	489865.89, 3859529.06	0.11481	0.07439	0.10514	1.76E-03	5.41E-06	2.82E-03	0.004587	1.80E-03	5.33E-06	3.14E-03	4.94E-03	1.71E-03	6.77E-06	6.02E-03	7.74E-03
5523	489826.89, 3859531.74	0.11411	0.07429	0.10463	1.75E-03	5.41E-06	2.81E-03	0.004563	1.79E-03	5.32E-06	3.12E-03	4.92E-03	1.70E-03	6.76E-06	5.99E-03	7.70E-03
5524	489410.47, 3859303.06	0.14849	0.08727	0.12824	2.28E-03	6.35E-06	3.44E-03	0.005724	2.33E-03	6.25E-06	3.83E-03	6.16E-03	2.21E-03	7.94E-06	7.35E-03	9.57E-03
5525	489407.15, 3859286.09	0.15238	0.08829	0.1306	2.34E-03	6.43E-06	3.50E-03	0.005847	2.39E-03	6.33E-06	3.90E-03	6.29E-03	2.27E-03	8.03E-06	7.48E-03	9.76E-03
5526	488806.07, 3858963.62	0.36489	0.11555	0.18937	5.60E-03	8.41E-06	5.08E-03	0.010687	5.72E-03	8.28E-06	5.65E-03	1.14E-02	5.44E-03	1.05E-05	1.08E-02	1.63E-02
5527	488817.64, 3859546.3	0.11928	0.07863	0.10738	1.83E-03	5.72E-06	2.88E-03	0.004716	1.87E-03	5.63E-06	3.20E-03	5.08E-03	1.78E-03	7.15E-06	6.15E-03	7.94E-03
5528	489187.25, 3859549.52	0.11661	0.078	0.1061	1.79E-03	5.68E-06	2.85E-03	0.004641	1.83E-03	5.59E-06	3.17E-03	5.00E-03	1.74E-03	7.10E-06	6.08E-03	7.82E-03
5529	489187.66, 3859523.74	0.1192	0.07906	0.10802	1.83E-03	5.75E-06	2.90E-03	0.004732	1.87E-03	5.66E-06	3.22E-03	5.10E-03	1.78E-03	7.19E-06	6.19E-03	7.97E-03
5530	489232.59, 3859522.85	0.11879	0.07881	0.10776	1.82E-03	5.74E-06	2.89E-03	0.004719	1.86E-03	5.65E-06	3.21E-03	5.08E-03	1.77E-03	7.17E-06	6.17E-03	7.95E-03
5531	489224.98, 3859759.91	0.09878	0.06948	0.09196	1.52E-03	5.06E-06	2.47E-03	0.003987	1.55E-03	4.98E-06	2.74E-03	4.30E-03	1.47E-03	6.32E-06	5.27E-03	6.75E-03
5532	488401.39, 3859763.34	0.09702	0.06599	0.08667	1.49E-03	4.80E-06	2.32E-03	0.003818	1.52E-03	4.73E-06	2.59E-03	4.11E-03	1.45E-03	6.00E-06	4.96E-03	6.42E-03
5533	488405.51, 3859966.16	0.08338	0.05841	0.07542	1.28E-03	4.25E-06	2.02E-03	0.003307	1.31E-03	4.19E-06	2.25E-03	3.56E-03	1.24E-03	5.31E-06	4.32E-03	5.57E-03
5534	489202.85, 3859956.57	0.08627	0.06232	0.08114	1.32E-03	4.54E-06	2.18E-03	0.003505	1.35E-03	4.47E-06	2.42E-03	3.78E-03	1.29E-03	5.67E-06	4.65E-03	5.94E-03
5535	489191.9, 3860676.74	0.05577	0.0428	0.05263	8.56E-04	3.12E-06	1.41E-03	0.00227	8.74E-04	3.07E-06	1.57E-03	2.45E-03	8.31E-04	3.89E-06	3.01E-03	3.85E-03
5536	488392.82, 3860687.88	0.05482	0.04052	0.05049	8.41E-04	2.95E-06	1.35E-03	0.002198	8.60E-04	2.90E-06	1.51E-03	2.37E-03	8.17E-04	3.69E-06	2.89E-03	3.71E-03
5537	488392.82, 3860760.27	0.05315	0.03948	0.04905	8.16E-04	2.87E-06	1.32E-03	0.002134	8.33E-04	2.83E-06	1.46E-03	2.30E-03	7.92E-04	3.59E-06	2.81E-03	3.61E-03
5538	487549.05, 3860777.45	0.05152	0.03848	0.04642	7.91E-04	2.80E-06	1.25E-03	0.002038	8.08E-04	2.76E-06	1.38E-03	2.20E-03	7.67E-04	3.50E-06	2.66E-03	3.43E-03
5539	487554.62, 3859571.83	0.10688	0.07025	0.09419	1.64E-03	5.11E-06	2.53E-03	0.004171	1.68E-03	5.03E-06	2.81E-03	4.49E-03	1.59E-03	6.39E-06	5.40E-03	6.99E-03
5540	485949.46, 3859558.54	0.09235	0.0686	0.08393	1.42E-03	4.99E-06	2.25E-03	0.003673	1.45E-03	4.92E-06	2.50E-03	3.96E-03	1.38E-03	6.24E-06	4.81E-03	6.19E-03
5541	485947.55, 3857943.61	0.34288	0.26137	0.30628	5.26E-03	1.90E-05	8.21E-03	0.013495	5.38E-03	1.87E-05	9.14E-03	1.45E-02	5.11E-03	2.38E-05	1.75E-02	2.27E-02
5542	484738.38, 3857940.21	0.1873	0.12209	0.17075	2.87E-03	8.89E-06	4.58E-03	0.007463	2.94E-03	8.75E-06	5.09E-03	8.04E-03	2.79E-03	1.11E-05	9.78E-03	1.26E-02
5543	484737.06, 3857535.68	0.24298	0.13918	0.21919	3.73E-03	1.01E-05	5.88E-03	0.009617	3.81E-03	9.97E-06	6.54E-03	1.04E-02	3.62E-03	1.27E-05	1.26E-02	1.62E-02
5544	483730.2, 3857530.13	0.15932	0.10694	0.14761	2.44E-03	7.78E-06	3.96E-03	0.006412	2.50E-03	7.66E-06	4.40E-03	6.91E-03	2.37E-03	9.73E-06	8.46E-03	1.08E-02
5545	483727.27, 3857130.01	0.19374	0.13098	0.17908	2.97E-03	9.53E-06	4.80E-03	0.007786	3.04E-03	9.39E-06	5.34E-03	8.39E-03	2.89E-03	1.19E-05	1.03E-02	1.32E-02
5546	483124.42, 3857123.45	0.15086	0.12845	0.14204	2.31E-03	9.35E-06	3.81E-03	0.006134	2.37E-03	9.20E-06	4.24E-03	6.61E-03	2.25E-03	1.17E-05	8.14E-03	1.04E-02
5547	483111.13, 3855921.03	0.25493	0.33784	0.24365	3.91E-03	2.46E-05	6.53E-03	0.010471	4.00E-03	2.42E-05	7.27E-03	1.13E-02	3.80E-03	3.07E-05	1.40E-02	1.78E-02
5548	482701.73, 3855918.24	0.19634	0.27026	0.19269	3.01E-03	1.97E-05	5.17E-03	0.008201	3.08E-03	1.94E-05	5.75E-03	8.85E-03	2.92E-03	2.46E-05	1.10E-02	1.40E-02
5549	482668.02, 3853521.78	0.17625	0.12111	0.09981	2.70E-03	8.82E-06	2.68E-03	0.00539	2.76E-03	8.68E-06	2.98E-03	5.75E-03	2.63E-03	1.10E-05	5.72E-03	8.35E-03
5550	482579.91, 3853219.19	0.08129	0.08623	0.06684	1.25E-03	6.28E-06	1.79E-03	0.003046	1.27E-03	6.18E-06	1.99E-03	3.27E-03	1.21E-03	7.84E-06	3.83E-03	5.05E-03
5551	482434.06, 3852961.94	0.06144	0.06921	0.05375	9.43E-04	5.04E-06	1.44E-03	0.002389	9.63E-04	4.96E-06	1.60E-03	2.57E-03	9.15E-04	6.30E-06	3.08E-03	4.00E-03
5552	482332.11, 3852832.85	0.05553	0.06293	0.04927	8.52E-04	4.58E-06	1.32E-03	0.002178	8.71E-04	4.51E-06	1.47E-03	2.35E-03	8.27E-04	5.72E-06	2.82E-03	3.66E-03
5553	481334.99, 3851818.96	0.03238	0.03574	0.02987	4.97E-04	2.60E-06	8.01E-04	0.001301	5.08E-04	2.56E-06	8.91E-04	1.40E-03	4.82E-04	3.25E-06	1.71E-03	2.20E-03
5554	481127.62, 3851646.36	0.03025	0.03291	0.02801	4.64E-04	2.40E-06	7.51E-04	0.001218	4.74E-04	2.36E-06	8.36E-04	1.31E-03	4.51E-04	2.99E-06	1.60E-03	2.06E-03
5555	481025.04, 3851591.73	0.02969	0.03252	0.0276	4.56E-04	2.37E-06	7.40E-04	0.001198	4.66E-04	2.33E-06	8.23E-04	1.29E-03	4.42E-04	2.96E-06	1.58E-03	2.03E-03
5556	480513.6, 3851335.76	0.02692	0.0314	0.02587	4.13E-04	2.29E-06	6.94E-04	0.001109	4.22E-04	2.25E-06	7.72E-04	1.20E-03	4.01E-04	2.86E-06	1.48E-03	1.89E-03
5557	480523.56, 3851317.66	0.02677	0.03103	0.02567	4.11E-04	2.26E-06	6.88E-04	0.001102	4.20E-04	2.22E-06	7.66E-04	1.19E-03	3.99E-04	2.82E-06	1.47E-03	1.87E-03
5558	476921.56, 3849569.11	0.0096	0.01032	0.00897	1.47E-04	7.51E-07	2.41E-04	0.000389	1.51E-04	7.39E-07	2.68E-04	4.19E-04	1.43E-04	9.39E-07	5.14E-04	6.58E-04
5559	476521.19, 3849373.96	0.00904	0.00979	0.00854	1.39E-04	7.13E-07	2.29E-04	0.000368	1.42E-04	7.01E-07	2.55E-04	3.97E-04	1.35E-04	8.91E-07	4.89E-04	6.25E-04
5560	476391.45, 3849333.38	0.00901	0.00975	0.00852	1.38E-04	7.10E-07	2.29E-04	0.000367	1.41E-04	6.99E-07	2.54E-04	3.96E-04	1.34E-04	8.87E-07	4.88E-04	6.23E-04
5561	476219.41, 3849304.29	0.00905	0.00977	0.00856	1.39E-04	7.11E-07	2.30E-04	0.000369	1.42E-04	7.00E-07	2.55E-04	3.98E-04	1.35E-04	8.89E-07	4.90E-04	6.26E-04
5562	475679.11, 3849218.47	0.00879	0.00948	0.00842	1.35E-04	6.90E-07	2.26E-04	0.000361	1.38E-04	6.79E-07	2.51E-04	3.90E-04	1.31E-04	8.62E-07	4.82E-04	6.14E-04
5563	475677.71, 3849233.88	0.00886	0.00956	0.00848	1.36E-04	6.96E-07	2.27E-04	0.000364	1.39E-04	6.85E-07	2.53E-04	3.93E-04	1.32E-04	8.70E-07	4.86E-04	6.19E-04
5564	475492.74, 3849204.66	0.00773	0.00829	0.00752	1.19E-04	6.03E-07	2.02E-04	0.000321	1.21E-04	5.94E-07	2.24E-04	3.46E-04	1.15E-04	7.54E-07	4.31E-04	5.47E-04
5565	475497.64, 3849158.75	0.00804	0.00865	0.00778	1.23E-04	6.30E-07	2.09E-04	0.000333	1.26E-04	6.20E-07	2.32E-04	3.59E-04	1.20E-04	7.87E-07	4.46E-04	5.66E-04
5566	475391.35, 3849141.94	0.00837	0.00902	0.00808	1.28E-04	6.57E-07	2.17E-04	0.000346	1.31E-04	6.46E-07	2.41E-04	3.73E-04	1.25E-04	8.20E-07	4.63E-04	5.88E-04
5567	475277, 3849095.47	0.00839	0.00904	0.00808	1.29E-04	6.58E-07	2.17E-04	0.000346	1.32E-04	6.48E-07	2.41E-04	3.73E-04	1.25E-04	8.22E-07	4.63E-04	5.89E-04
5568	475183.93, 3849025.66	0.00822	0.00885	0.00793	1.26E-04	6.44E-07	2.13E-04	0.000339	1.29E-04	6.34E-07	2.37E-04	3.66E-04	1.22E-04	8.05E-07	4.54E-04	5.78E-04
5569	474453.23, 3848378.77	0.00712	0.00757	0.00684	1.09E-04	5.51E-07	1.83E-04	0.000293	1.12E-04	5.42E-07	2.04E-04	3.16E-04	1.06E-04	6.89E-07	3.92E-04	4.99E-04
5570	474569.63, 3848399.34	0.00702	0.00746	0.00676	1.08E-04	5.43E-07	1.81E-04	0.00029	1.10E-04	5.35E-07	2.02E-04	3.12E-04	1.05E-04	6.79E-07	3.87E-04	4.93E-04
5571	474644.33, 3848464.52	0.00715	0.00761	0.00688	1.10E-04	5.54E-07	1.85E-04	0.000295	1.12E-04	5.45E-07	2.05E-04	3.18E-04	1.07E-04	6.92E-07	3.94E-04	5.01E-04
5572	474719.04, 3848529.7	0.00726	0.00774	0.00699	1.11E-04	5.63E-07	1.87E-04	0.000299	1.14E-04	5.55E-07	2.09E-04	3.23E-04	1.08E-04	7.04E-07	4.00E-04	5.09E-04
5573	474793.74, 3848594.88	0.0073	0.00779	0.00704	1.12E-04	5.67E-07	1.89E-04	0.000301	1.14E-04	5.58E-07	2.10E-04	3.25E-04	1.09E-04	7.09E-07	4.03E-04	5.13E-04
5574	474868.45, 3848660.07	0.0073	0.00779	0.00704	1.12E-04	5.67E-07	1.89E-04	0.000301	1.14E-04	5.58E-07	2.10E-04	3.25E-04	1.09E-04	7.09E-07	4.03E-04	5.13E-04
5575	474943.15, 3848725.25	0.00735	0.00785	0.0071	1.13E-04	5.71E-07	1.90E-04	0.000304	1.15E-04	5.62E-07	2.12E-04	3.28E-04	1.09E-04	7.14E-07	4.07E-04	5.17E-04
5576	475017.86, 3848790.43	0.0075	0.00803	0.00725	1.15E-04	5.85E-07	1.94E-04	0.00031	1.18E-04	5.75E-07	2.16E-04	3.34E-04	1.12E-04	7.30E-07	4.15E-04	5.28E-04
5577	475092.56, 3848855.61	0.0077	0.00825	0.00743	1.18E-04	6.01E-07	1.99E-04	0.000318	1.21E-04	5.91E-07	2.22E-04	3.43E-04	1.15E-04	7.50E-07	4.26E-04	5.41E-04
5578	475232.58, 3848959.38	0.00796	0.00855	0.00767	1.22E-04	6.22E-07	2.06E-04	0.000328	1.25E-04	6.13E-07	2.29E-04	3.54E-04	1.19E-04	7.78E-07	4.39E-04	5.59E-04
5579	475368.47, 3849029.98	0.00802	0.00862	0.00774	1.23E-04	6.27E-07	2.08E-04	0.000331	1.26E-04	6.18E-07	2.31E-04	3.57E-04	1.19E-04	7.84E-07	4.43E-04	5.64E-04
5580	475609.57, 3849096.09	0.00799	0.0086	0.00771	1.23E-04	6.26E-07	2.07E-04	0.00033	1.25E-04	6.16E-07	2.30E-04	3.56E-04	1.19E-04	7.82E-07	4.42E-04	5.61E-04
5581	475680.68, 3849116.62	0.00821	0.00884	0.0079	1.26E-04	6.43E-07	2.12E-04	0.000339	1.29E-04	6.33E-07	2.36E-04	3.65E-04	1.22E-04	8.04E-07	4.53E-04	5.76E-04
5582	475843.76, 3849151.52	0.00841	0.00907	0.00805	1.29E-04	6.60E-07	2.16E-04	0.000346	1.32E-04	6.50E-07	2.40E-04	3.73E-04	1.25E-04	8.25E-07	4.61E-04	5.87E-04

5583	475935.73, 3849165.89	0.00861	0.00928	0.00821	1.32E-04	6.76E-07	2.20E-04	0.000353	1.35E-04	6.65E-07	2.45E-04	3.81E-04	1.28E-04	8.44E-07	4.70E-04	5.99E-04
5584	476027.71, 3849180.27	0.00874	0.00941	0.00829	1.34E-04	6.85E-07	2.22E-04	0.000357	1.37E-04	6.74E-07	2.47E-04	3.85E-04	1.30E-04	8.56E-07	4.75E-04	6.06E-04
5585	476119.68, 3849194.64	0.00855	0.00925	0.00815	1.31E-04	6.73E-07	2.19E-04	0.00035	1.34E-04	6.63E-07	2.43E-04	3.78E-04	1.27E-04	8.41E-07	4.67E-04	5.95E-04
5586	476211.65, 3849209.01	0.0085	0.00921	0.0081	1.30E-04	6.70E-07	2.17E-04	0.000348	1.33E-04	6.60E-07	2.42E-04	3.76E-04	1.27E-04	8.38E-07	4.64E-04	5.91E-04
5587	476497.81, 3849283.9	0.00856	0.00926	0.00812	1.31E-04	6.74E-07	2.18E-04	0.00035	1.34E-04	6.64E-07	2.42E-04	3.77E-04	1.28E-04	8.42E-07	4.65E-04	5.94E-04
5588	476603.73, 3849323.77	0.00868	0.00937	0.00821	1.33E-04	6.82E-07	2.20E-04	0.000354	1.36E-04	6.71E-07	2.45E-04	3.82E-04	1.29E-04	8.52E-07	4.70E-04	6.00E-04
5589	476728.99, 3849382.76	0.00883	0.0095	0.00833	1.35E-04	6.92E-07	2.23E-04	0.00036	1.38E-04	6.81E-07	2.49E-04	3.88E-04	1.32E-04	8.64E-07	4.77E-04	6.10E-04
5590	476801.27, 3849418.65	0.00894	0.0096	0.00842	1.37E-04	6.99E-07	2.26E-04	0.000364	1.40E-04	6.88E-07	2.51E-04	3.92E-04	1.33E-04	8.73E-07	4.82E-04	6.16E-04
5591	476956.2, 3849495.05	0.00918	0.00982	0.00861	1.41E-04	7.15E-07	2.31E-04	0.000373	1.44E-04	7.04E-07	2.57E-04	4.01E-04	1.37E-04	8.93E-07	4.93E-04	6.31E-04
5592	477038.84, 3849535.56	0.00925	0.00987	0.00867	1.42E-04	7.18E-07	2.33E-04	0.000375	1.45E-04	7.07E-07	2.59E-04	4.04E-04	1.38E-04	8.98E-07	4.97E-04	6.35E-04
5593	477121.49, 3849576.08	0.00938	0.00998	0.00878	1.44E-04	7.26E-07	2.35E-04	0.00038	1.47E-04	7.15E-07	2.62E-04	4.10E-04	1.40E-04	9.08E-07	5.03E-04	6.44E-04
5594	477204.13, 3849616.6	0.00946	0.01005	0.00886	1.45E-04	7.32E-07	2.38E-04	0.000384	1.48E-04	7.20E-07	2.64E-04	4.13E-04	1.41E-04	9.14E-07	5.08E-04	6.49E-04
5595	477286.78, 3849657.12	0.00937	0.00995	0.00881	1.44E-04	7.24E-07	2.36E-04	0.000381	1.47E-04	7.13E-07	2.63E-04	4.10E-04	1.40E-04	9.05E-07	5.05E-04	6.45E-04
5596	477369.42, 3849697.63	0.00975	0.01028	0.0091	1.50E-04	7.48E-07	2.44E-04	0.000394	1.53E-04	7.37E-07	2.71E-04	4.25E-04	1.45E-04	9.35E-07	5.21E-04	6.67E-04
5597	477452.07, 3849738.15	0.00986	0.01038	0.0092	1.51E-04	7.56E-07	2.47E-04	0.000399	1.55E-04	7.44E-07	2.74E-04	4.30E-04	1.47E-04	9.44E-07	5.27E-04	6.75E-04
5598	477534.71, 3849778.67	0.0102	0.01066	0.00946	1.57E-04	7.76E-07	2.54E-04	0.000411	1.60E-04	7.64E-07	2.82E-04	4.43E-04	1.52E-04	9.70E-07	5.42E-04	6.95E-04
5599	477617.36, 3849819.18	0.01035	0.01079	0.0096	1.59E-04	7.85E-07	2.57E-04	0.000417	1.62E-04	7.73E-07	2.86E-04	4.49E-04	1.54E-04	9.81E-07	5.50E-04	7.05E-04
5600	477824.74, 3849896.37	0.01097	0.01132	0.01013	1.68E-04	8.24E-07	2.72E-04	0.000441	1.72E-04	8.11E-07	3.02E-04	4.75E-04	1.63E-04	1.03E-06	5.80E-04	7.45E-04
5601	477906.31, 3849936.37	0.01089	0.01131	0.01016	1.67E-04	8.23E-07	2.72E-04	0.00044	1.71E-04	8.10E-07	3.03E-04	4.75E-04	1.62E-04	1.03E-06	5.82E-04	7.45E-04
5602	477987.89, 3849976.36	0.01126	0.01168	0.01049	1.73E-04	8.50E-07	2.81E-04	0.000455	1.77E-04	8.37E-07	3.13E-04	4.90E-04	1.68E-04	1.06E-06	6.01E-04	7.70E-04
5603	478069.47, 3850016.36	0.01134	0.01179	0.01062	1.74E-04	8.58E-07	2.85E-04	0.00046	1.78E-04	8.45E-07	3.17E-04	4.95E-04	1.69E-04	1.07E-06	6.08E-04	7.78E-04
5604	478151.04, 3850056.35	0.01145	0.01194	0.01078	1.76E-04	8.69E-07	2.89E-04	0.000466	1.80E-04	8.56E-07	3.22E-04	5.02E-04	1.71E-04	1.09E-06	6.18E-04	7.89E-04
5605	478232.62, 3850096.35	0.0118	0.01232	0.01112	1.81E-04	8.97E-07	2.98E-04	0.00048	1.85E-04	8.83E-07	3.32E-04	5.18E-04	1.76E-04	1.12E-06	6.37E-04	8.14E-04
5606	478314.2, 3850136.34	0.0122	0.01278	0.01151	1.87E-04	9.30E-07	3.09E-04	0.000497	1.91E-04	9.16E-07	3.43E-04	5.36E-04	1.82E-04	1.16E-06	6.59E-04	8.42E-04
5607	478395.77, 3850176.34	0.01264	0.01328	0.01193	1.94E-04	9.67E-07	3.20E-04	0.000515	1.98E-04	9.52E-07	3.56E-04	5.55E-04	1.88E-04	1.21E-06	6.83E-04	8.73E-04
5608	478575.43, 3850244.45	0.01377	0.0147	0.01308	2.11E-04	1.07E-06	3.51E-04	0.000563	2.16E-04	1.05E-06	3.90E-04	6.07E-04	2.05E-04	1.34E-06	7.49E-04	9.56E-04
5609	478665.06, 3850287.29	0.01436	0.01545	0.01367	2.20E-04	1.12E-06	3.67E-04	0.000588	2.25E-04	1.11E-06	4.08E-04	6.34E-04	2.14E-04	1.41E-06	7.83E-04	9.98E-04
5610	478754.69, 3850330.14	0.015	0.01628	0.01431	2.30E-04	1.19E-06	3.84E-04	0.000615	2.35E-04	1.17E-06	4.27E-04	6.63E-04	2.23E-04	1.48E-06	8.20E-04	1.04E-03
5611	478844.32, 3850372.99	0.0157	0.0172	0.015	2.41E-04	1.25E-06	4.02E-04	0.000644	2.46E-04	1.23E-06	4.47E-04	6.95E-04	2.34E-04	1.56E-06	8.59E-04	1.09E-03
5612	478933.95, 3850415.84	0.01643	0.01817	0.01572	2.52E-04	1.32E-06	4.22E-04	0.000675	2.58E-04	1.30E-06	4.69E-04	7.28E-04	2.45E-04	1.65E-06	9.01E-04	1.15E-03
5613	479023.58, 3850458.68	0.01696	0.01897	0.01632	2.60E-04	1.38E-06	4.38E-04	0.000699	2.66E-04	1.36E-06	4.87E-04	7.54E-04	2.53E-04	1.73E-06	9.35E-04	1.19E-03
5614	479110.66, 3850441.91	0.01777	0.02024	0.01724	2.73E-04	1.47E-06	4.62E-04	0.000737	2.79E-04	1.45E-06	5.14E-04	7.94E-04	2.65E-04	1.84E-06	9.88E-04	1.25E-03
5615	479191.22, 3850423.99	0.01833	0.02116	0.01794	2.81E-04	1.54E-06	4.81E-04	0.000764	2.87E-04	1.52E-06	5.35E-04	8.24E-04	2.73E-04	1.92E-06	1.03E-03	1.30E-03
5616	479274.32, 3850465.71	0.01879	0.02181	0.01844	2.88E-04	1.59E-06	4.95E-04	0.000784	2.95E-04	1.56E-06	5.50E-04	8.46E-04	2.80E-04	1.98E-06	1.06E-03	1.34E-03
5617	479357.43, 3850507.42	0.01914	0.02233	0.01887	2.94E-04	1.63E-06	5.06E-04	0.000801	3.00E-04	1.60E-06	5.63E-04	8.65E-04	2.85E-04	2.03E-06	1.08E-03	1.37E-03
5618	479440.53, 3850549.14	0.01944	0.02275	0.01924	2.98E-04	1.66E-06	5.16E-04	0.000816	3.05E-04	1.63E-06	5.74E-04	8.80E-04	2.90E-04	2.07E-06	1.10E-03	1.39E-03
5619	479523.64, 3850590.85	0.01978	0.0232	0.01961	3.04E-04	1.69E-06	5.26E-04	0.000831	3.10E-04	1.66E-06	5.85E-04	8.97E-04	2.95E-04	2.11E-06	1.12E-03	1.42E-03
5620	479606.74, 3850632.57	0.02017	0.02369	0.02001	3.10E-04	1.72E-06	5.37E-04	0.000848	3.16E-04	1.70E-06	5.97E-04	9.15E-04	3.00E-04	2.15E-06	1.15E-03	1.45E-03
5621	479777.37, 3850707.61	0.0208	0.02442	0.02065	3.19E-04	1.78E-06	5.54E-04	0.000875	3.26E-04	1.75E-06	6.16E-04	9.44E-04	3.10E-04	2.22E-06	1.18E-03	1.50E-03
5622	479864.9, 3850740.95	0.02113	0.02476	0.02094	3.24E-04	1.80E-06	5.62E-04	0.000888	3.31E-04	1.77E-06	6.25E-04	9.58E-04	3.15E-04	2.25E-06	1.20E-03	1.52E-03
5623	479931.87, 3850829.57	0.02182	0.02571	0.02161	3.35E-04	1.87E-06	5.80E-04	0.000916	3.42E-04	1.84E-06	6.45E-04	9.89E-04	3.25E-04	2.34E-06	1.24E-03	1.57E-03
5624	479995.55, 3850926.75	0.02272	0.02694	0.02244	3.49E-04	1.96E-06	6.02E-04	0.000952	3.56E-04	1.93E-06	6.69E-04	1.03E-03	3.38E-04	2.45E-06	1.29E-03	1.63E-03
5625	480079.78, 3850968.64	0.02323	0.02745	0.02285	3.56E-04	2.00E-06	6.13E-04	0.000971	3.64E-04	1.97E-06	6.82E-04	1.05E-03	3.46E-04	2.50E-06	1.31E-03	1.66E-03
5626	480164.01, 3851010.54	0.02371	0.02786	0.0232	3.64E-04	2.03E-06	6.22E-04	0.000988	3.72E-04	2.00E-06	6.92E-04	1.07E-03	3.53E-04	2.53E-06	1.33E-03	1.68E-03
5627	480248.23, 3851052.43	0.02417	0.02817	0.0235	3.71E-04	2.05E-06	6.30E-04	0.001003	3.79E-04	2.02E-06	7.01E-04	1.08E-03	3.60E-04	2.56E-06	1.35E-03	1.71E-03
5628	480332.46, 3851094.33	0.02456	0.02837	0.02376	3.77E-04	2.07E-06	6.37E-04	0.001016	3.85E-04	2.03E-06	7.09E-04	1.10E-03	3.66E-04	2.58E-06	1.36E-03	1.73E-03
5629	480416.69, 3851136.22	0.02485	0.02844	0.02396	3.81E-04	2.07E-06	6.43E-04	0.001026	3.90E-04	2.04E-06	7.15E-04	1.11E-03	3.70E-04	2.59E-06	1.37E-03	1.75E-03
5630	480579.95, 3851215.17	0.02544	0.0285	0.02431	3.90E-04	2.07E-06	6.52E-04	0.001044	3.99E-04	2.04E-06	7.25E-04	1.13E-03	3.79E-04	2.59E-06	1.39E-03	1.77E-03
5631	480658.98, 3851252.22	0.02575	0.02852	0.02447	3.95E-04	2.08E-06	6.56E-04	0.001054	4.04E-04	2.04E-06	7.30E-04	1.14E-03	3.84E-04	2.59E-06	1.40E-03	1.79E-03
5632	480817.36, 3851327.85	0.02635	0.02868	0.02478	4.04E-04	2.09E-06	6.65E-04	0.001071	4.13E-04	2.05E-06	7.39E-04	1.15E-03	3.93E-04	2.61E-06	1.42E-03	1.81E-03
5633	480896.72, 3851366.43	0.02662	0.0288	0.02494	4.08E-04	2.10E-06	6.69E-04	0.001079	4.17E-04	2.06E-06	7.44E-04	1.16E-03	3.97E-04	2.62E-06	1.43E-03	1.83E-03
5634	480976.07, 3851405	0.02691	0.029	0.02511	4.13E-04	2.11E-06	6.73E-04	0.001089	4.22E-04	2.08E-06	7.49E-04	1.17E-03	4.01E-04	2.64E-06	1.44E-03	1.84E-03
5635	481178, 3851487.31	0.02747	0.0294	0.02536	4.22E-04	2.14E-06	6.80E-04	0.001104	4.31E-04	2.11E-06	7.57E-04	1.19E-03	4.09E-04	2.67E-06	1.45E-03	1.86E-03
5636	481244.9, 3851557.17	0.02834	0.03034	0.02608	4.35E-04	2.21E-06	6.99E-04	0.001137	4.44E-04	2.17E-06	7.78E-04	1.22E-03	4.22E-04	2.76E-06	1.49E-03	1.92E-03
5637	481311.81, 3851627.03	0.02915	0.03116	0.02681	4.47E-04	2.27E-06	7.19E-04	0.001169	4.57E-04	2.23E-06	8.00E-04	1.26E-03	4.34E-04	2.83E-06	1.54E-03	1.97E-03
5638	481378.71, 3851696.89	0.03	0.03213	0.02757	4.60E-04	2.34E-06	7.39E-04	0.001202	4.70E-04	2.30E-06	8.22E-04	1.30E-03	4.47E-04	2.92E-06	1.58E-03	2.03E-03
5639	481445.61, 3851766.76	0.03091	0.03318	0.02837	4.74E-04	2.42E-06	7.61E-04	0.001238	4.85E-04	2.38E-06	8.46E-04	1.33E-03	4.60E-04	3.02E-06	1.63E-03	2.09E-03
5640	481512.51, 3851836.62	0.0318	0.03424	0.0292	4.88E-04	2.49E-06	7.83E-04	0.001274	4.99E-04	2.45E-06	8.71E-04	1.37E-03	4.74E-04	3.11E-06	1.67E-03	2.15E-03
5641	481579.42, 3851906.48	0.03274	0.03535	0.03006	5.02E-04	2.57E-06	8.06E-04	0.001311	5.13E-04	2.53E-06	8.97E-04	1.41E-03	4.88E-04	3.22E-06	1.72E-03	2.21E-03
5642	481646.32, 3851976.34	0.03375	0.03656	0.03098	5.18E-04	2.66E-06	8.31E-04	0.001351	5.29E-04	2.62E-06	9.24E-04	1.46E-03	5.03E-04	3.33E-06	1.77E-03	2.28E-03
5643	481713.22, 3852046.2	0.03457	0.03781	0.03187	5.30E-04	2.75E-06	8.55E-04	0.001388	5.42E-04	2.71E-06	9.51E-04	1.50E-03	5.15E-04	3.44E-06	1.83E-03	2.34E-03
5644	481780.12, 3852116.06	0.03582	0.03928	0.03293	5.50E-04	2.86E-06	8.83E-04	0.001436	5.62E-04	2.81E-06	9.82E-04	1.55E-03	5.34E-04	3.57E-06	1.89E-03	2.42E-03
5645	481847.03, 3852185.92	0.03729	0.04084	0.03423	5.72E-04	2.97E-06	9.18E-04	0.001493	5.85E-04	2.93E-06	1.02E-03	1.61E-03	5.56E-04	3.71E-06	1.96E-03	2.52E-03
5646	481913.93, 3852255.78	0.03883	0.04268	0.03538	5.96E-04	3.11E-06	9.49E-04	0.001548	6.09E-04	3.06E-06	1.06E-03	1.67E-03	5.78E-04	3.88E-06	2.03E-03	2.61E-03
5647	481980.83, 3852325.65	0.04046	0.04515	0.03659	6.21E-04	3.29E-06	9.81E-04	0.001606	6.34E-04	3.24E-06	1.09E-03	1.73E-03	6.03E-04	4.11E-06	2.10E-03	2.70E-03
5648	482047.73, 3852395.51	0.04199	0.04699	0.03783	6.44E-04	3.42E-06	1.01E-03	0.001662	6.58E-04	3.37E-06	1.13E-03	1.79E-03	6.26E-04	4.27E-06	2.17E-03	2.80E-03
5649	482114.64, 3852465.37	0.04366	0.04897	0.0391	6.70E-04	3.56E-06	1.05E-03	0.001722	6.85E-04	3.51E-06	1.17E-03	1.85E-03	6.50E-04	4.45E-06	2.24E-03	2.89E-03
5650	482181.54, 3852535.23	0.04535	0.05103	0.04047	6.96E-04	3.71E-06	1.09E-03	0.001785	7.11E-04	3.66E-06	1.21E-03	1.92E-03	6.76E-04	4.64E-06	2.32E-03	3.00E-03
5651	482338.69, 3852700.05	0.05001	0.05646	0.04405	7.67E-04	4.11E-06	1.18E-03	0.001953	7.84E-04	4.05E-06	1.31E-03	2.10E-03	7.45E-04	5.14E-06	2.52E-03	3.27E-03
5652	482404.05, 3852767.78	0.05226	0.0589	0.04578	8.02E-04	4.29E-06	1.23E-03	0.002034	8.19E-04	4.22E-06	1.37E-03	2.19E-03	7.79E-04	5.36E-06	2.62E-03	3.41E-03
5653	482469.4, 3852835.52	0.0548	0.06149	0.04774	8.41E-04	4.48E-06	1.28E-03	0.002126	8.59E-04	4.41E-06	1.42E-03	2.29E-03	8.16E-04	5.59E-06	2.73E-03	3.56E-03
5654	482534.75, 3852903.25	0.05773	0.06423	0.05005	8.86E-04	4.68E-06	1.34E-03	0.002233	9.05E-04	4.60E-06	1.49E-03	2.40E-03	8.60E-04	5.84E-06	2.87E-03	3.73E-03
5655	482600.11, 3852970.99	0.06119	0.06714	0.05272	9.39E-04	4.89E-06	1.41E-03	0.002358	9.59E-04	4.81E-06	1.57E-03	2.54E-03	9.12E-04	6.11E-06	3.02E-03	3.94E-03
5656	482706.71, 3853119.28	0.07154	0.07517	0.06021	1.10E-03	5.47E-06	1.61E-03	0.002718	1.12E-03	5.39E-06	1.80E-03	2.92E-03	1.07E-03	6.84E-06	3.45E-03	4.52E-03
5657	482747.96, 3853199.84	0.07953	0.08074	0.06511	1.22E-03	5.88E-06	1.75E-03	0.002973	1.25E-03	5.79E-06	1.94E-03	3.20E-03	1.18E-03	7.34E-06	3.73E-03	4.92E-03
5658	482789.21, 3853280.4	0.09074	0.08702	0.0707	1.39E-03	6.33E-06	1.90E-03	0.003295	1.42E-03	6.24E-06	2.11E-03	3.54E-03	1.35E-03	7.92E-06	4.05E-03	5.41E-03
5659	482830.46, 3853360.96	0.11001	0.09418	0.07728	1.69E-03	6.86E-06	2.07E-03	0.003768	1.72E-03	6.75E-06	2.31E-03	4.04E-03	1.64E-03	8.57E-06	4.43E-03	6.07E-03
5660	482871.71, 3853441.52	0.23237	0.10244	0.08513	3.57E-03	7.46E-06	2.28E-03	0.005856	3.64E-03	7.34E-06	2.54E-03	6.19E-03	3.46E-03	9.32E-06	4.88E-03	8.35E-03
5661	482912.95, 3853522.07	0.55868	0.11213	0.09592	8.57E-03	8.16E-06	2.57E-03	0.011154	8.76E-03	8.03E-06	2.86E-03	1.16E-02	8.32E-03	1.02E-05	5.49E-03	1.38E-02
5662	482954.2, 3853602.63	0.52638	0.12334	0.11445	8.08E-03	8.98E-06	3.07E-03	0.011156	8.25E-03	8.84E-06	3.41E-03	1.17E-02	7.84E-03	1.12E-05	6.56E-03	1.44E-02
5663	482995.45, 3853683.19	0.48367	0.13648	0.15953	7.42E-03	9.93E-06	4.28E-03	0.011711	7.58E-03	9.78E-06	4.76E-03	1.24E-02	7.21E-03	1.24E-05	9.14E-03	1.64E-02
5664	483036.7, 3853763.75	0.44767	0.15214	0.2526	6.87E-03	1.11E-05	6.77E-03	0.013656	7.02E-03	1.09E-05	7.54E-03	1.46E-02	6.67E-03	1.38E-05	1.45E-02	2.12E-02
5665	483214.2, 3853909.91	0.31049	0.16651	0.36994	4.76E-03	1.21E-05	9.92E-03	0.014699	4.87E-03	1.19E-05	1.10E-02	1.59E-02	4.63E-03	1.51E-05	2.12E-02	2.58E-02
5666	483307.01, 3853910.44	0.27911	0.16378	0.33452	4.28E-03	1.19E-05	8.97E-03	0.013267	4.38E-03	1.17E-05	9.98E-03	1.44E-02	4.16E-03	1.49E-05	1.92E-02	2.33E-02
5667	483399.83, 3853910.96	0.25154	0.15724	0.30225	3.86E-03	1.14E-05	8.11E-03	0.011978	3.94E-03	1.13E-05	9.02E-03	1.30E-02	3.75E-03	1.43E-05	1.73E-02	2.11E-02
5668	483494.52, 3854009.24	0.25473	0.17925	0.36815	3.91E-03	1.30E-05	9.87E-03	0.013796	3.99E-03	1.28E-05	1.10E-02	1.50E-02	3.79E-03	1.63E-05	2.11E-02	2.49E-02
5669	483496.41, 3854106.98	0.28586	0.2166	0.47304	4.39E-03	1.58E-05	1.27E-02	0.01709	4.48E-03	1.55E-05	1.41E-02	1.86E-02	4.26E-03	1.97E-05	2.71E-02	3.14E-02
5670	483577.56, 3854261.96	0.33312	0.25977	0.55353	5.11E-03	1.89E-05	1.48E-02	0.019977	5.22E-03	1.86E-05	1.65E-02	2.18E-02	4.96E-03	2.36E-05	3.17E-02	3.67E-02
5671	483656.83, 3854319.19	0.34226	0.26939	0.52899	5.25E-03	1.96E-05	1.42E-02	0.019459	5.37E-03	1.93E-05	1.58E-02	2.12E-02	5.10E-03	2.45E-05	3.03E-02	3.54E-02
5672	483736.1, 3854376.41	0.34933	0.29662	0.50206	5.36E-03	2.16E-05	1.35E-02	0.018848	5.48E-03	2.13E-05	1.50E-02	2.05E-02	5.20E-03	2.70E-05	2.88E-02	3.40E-02
5673	483815.37, 3854433.64	0.35865	0.37397	0.47906	5.50E-03	2.72E-05	1.28E-02	0.018379	5.62E-03	2.68E-05	1.43E-02	1.99E-02	5.34E-03	3.40E-05	2.74E-02	3.28E-02
5674	483894.63, 3854490.87	0.36937	0.52117	0.46011	5.67E-03	3.79E-05	1.23E-02	0.018046	5.79E-03	3.73E-05	1.37E-02	1.96E-02	5.50E-03	4.74E-05	2.64E-02	3.19E-02
5675	483973.9, 3854548.1	0.38727	0.74257	0.45129	5.94E-03	5.41E-05	1.21E-02	0.018101	6.07E-03	5.32E-05	1.35E-02	1.96E-02	5.77E-03	6.75E-05	2.59E-02	3.17E-02
5676	484053.17, 3854605.32	0.42383	1.03353	0.46079	6.50E-03	7.52E-05	1.24E-02	0.018938	6.65E-03	7.41E-05	1.37E-02	2.05E-02	6.31E-03	9.40E-05	2.64E-02	3.28E-02
5677	484214.97, 3854698.15	0.49255	1.50158	0.47619	7.56E-03	1.09E-04	1.28E-02	0.020439	7.72E-03	1.08E-04	1.42E-02	2.20E-02	7.34E-03	1.37E-04	2.73E-02	3.48E-02
5678	484297.5, 3854733.74	0.53356	1.67568	0.49483	8.19E-03	1.22E-04	1.33E-02	0.021581	8.37E-03	1.20E-04	1.48E-02	2.32E-02	7.95E-03	1.52E-04	2.83E-02	3.64E-02
5679	484380.03, 3854769.34	0.54449	1.76505	0.49481	8.36E-03	1.28E-04	1.33E-02	0.021755	8.54E-03	1.26E-04	1.48E-02	2.34E-02	8.11E-03	1.61E-04	2.83E-02	3.66E-02
5680	484462.56, 3854804.94	0.56963	1.88136	0.5122	8.74E-03	1.37E-04	1.37E-02	0.022615	8.93E-03	1.35E-04	1.53E-02	2.43E-02	8.49E-03	1.71E-04	2.93E-02	3.80E-02

5681	484545.09, 3854840.53	0.5645	1.8866	0.50566	8.66E-03	1.37E-04	1.36E-02	0.022362	8.85E-03	1.35E-04	1.51E-02	2.41E-02	8.41E-03	1.72E-04	2.90E-02	3.75E-02
5682	484691.88, 3854912.59	0.61456	1.98235	0.5423	9.43E-03	1.44E-04	1.45E-02	0.02412	9.64E-03	1.42E-04	1.62E-02	2.60E-02	9.16E-03	1.80E-04	3.11E-02	4.04E-02
5683	484830.81, 3855012.51	0.68397	1.95867	0.59478	1.05E-02	1.43E-04	1.60E-02	0.026591	1.07E-02	1.40E-04	1.77E-02	2.86E-02	1.02E-02	1.78E-04	3.41E-02	4.44E-02
5684	484905.48, 3855075.97	0.75244	1.9299	0.65885	1.15E-02	1.40E-04	1.77E-02	0.029357	1.18E-02	1.38E-04	1.97E-02	3.16E-02	1.12E-02	1.76E-04	3.77E-02	4.91E-02
5685	484980.14, 3855139.44	0.79793	1.77282	0.70259	1.22E-02	1.29E-04	1.88E-02	0.031217	1.25E-02	1.27E-04	2.10E-02	3.36E-02	1.19E-02	1.61E-04	4.02E-02	5.23E-02
5686	485054.81, 3855202.91	0.82221	1.5501	0.72644	1.26E-02	1.13E-04	1.95E-02	0.032213	1.29E-02	1.11E-04	2.17E-02	3.47E-02	1.22E-02	1.41E-04	4.16E-02	5.40E-02
5687	485129.48, 3855266.37	0.81719	1.29493	0.72035	1.25E-02	9.43E-05	1.93E-02	0.031954	1.28E-02	9.28E-05	2.15E-02	3.44E-02	1.22E-02	1.18E-04	4.13E-02	5.36E-02
5688	485204.15, 3855329.84	0.8549	1.1531	0.76516	1.31E-02	8.39E-05	2.05E-02	0.033724	1.34E-02	8.26E-05	2.28E-02	3.63E-02	1.27E-02	1.05E-04	4.38E-02	5.67E-02
5689	485278.82, 3855393.31	0.86351	0.99339	0.78038	1.33E-02	7.23E-05	2.09E-02	0.034253	1.35E-02	7.12E-05	2.33E-02	3.69E-02	1.29E-02	9.04E-05	4.47E-02	5.77E-02
5690	485353.48, 3855456.77	0.88204	0.87448	0.8101	1.35E-02	6.37E-05	2.17E-02	0.035326	1.38E-02	6.27E-05	2.42E-02	3.81E-02	1.31E-02	7.95E-05	4.64E-02	5.96E-02
5691	485428.15, 3855520.24	0.88474	0.76084	0.82198	1.36E-02	5.54E-05	2.20E-02	0.035678	1.39E-02	5.45E-05	2.45E-02	3.84E-02	1.32E-02	6.92E-05	4.71E-02	6.03E-02
5692	485502.82, 3855583.71	0.88877	0.66992	0.83676	1.36E-02	4.88E-05	2.24E-02	0.036129	1.39E-02	4.80E-05	2.50E-02	3.89E-02	1.32E-02	6.09E-05	4.79E-02	6.12E-02
5693	485577.49, 3855647.17	0.91146	0.6086	0.87545	1.40E-02	4.43E-05	2.35E-02	0.037511	1.43E-02	4.36E-05	2.61E-02	4.05E-02	1.36E-02	5.54E-05	5.01E-02	6.38E-02
5694	485652.16, 3855710.64	0.93334	0.55669	0.91399	1.43E-02	4.05E-05	2.45E-02	0.038876	1.46E-02	3.99E-05	2.73E-02	4.19E-02	1.39E-02	5.06E-05	5.24E-02	6.63E-02
5695	485726.83, 3855774.11	0.93576	0.50369	0.92851	1.44E-02	3.67E-05	2.49E-02	0.039299	1.47E-02	3.61E-05	2.77E-02	4.24E-02	1.39E-02	4.58E-05	5.32E-02	6.72E-02
5696	485801.49, 3855837.57	0.92628	0.45508	0.92886	1.42E-02	3.31E-05	2.49E-02	0.03916	1.45E-02	3.26E-05	2.77E-02	4.23E-02	1.38E-02	4.14E-05	5.32E-02	6.70E-02
5697	485876.16, 3855901.04	0.92665	0.41827	0.94072	1.42E-02	3.04E-05	2.52E-02	0.039481	1.45E-02	3.00E-05	2.81E-02	4.26E-02	1.38E-02	3.80E-05	5.39E-02	6.77E-02
5698	485950.83, 3855964.5	0.91885	0.38453	0.94254	1.41E-02	2.80E-05	2.53E-02	0.039407	1.44E-02	2.76E-05	2.81E-02	4.26E-02	1.37E-02	3.50E-05	5.40E-02	6.77E-02
5699	486025.5, 3856027.97	0.89901	0.35229	0.92987	1.38E-02	2.56E-05	2.49E-02	0.038761	1.41E-02	2.52E-05	2.77E-02	4.19E-02	1.34E-02	3.20E-05	5.33E-02	6.67E-02
5700	486100.17, 3856091.44	0.93258	0.338	0.97617	1.43E-02	2.46E-05	2.62E-02	0.040517	1.46E-02	2.42E-05	2.91E-02	4.38E-02	1.39E-02	3.07E-05	5.59E-02	6.98E-02
5701	486174.83, 3856154.9	0.9066	0.3117	0.95485	1.39E-02	2.27E-05	2.56E-02	0.039544	1.42E-02	2.23E-05	2.85E-02	4.27E-02	1.35E-02	2.84E-05	5.47E-02	6.82E-02
5702	486249.5, 3856218.37	0.84953	0.2812	0.89723	1.30E-02	2.05E-05	2.41E-02	0.037121	1.33E-02	2.01E-05	2.68E-02	4.01E-02	1.27E-02	2.56E-05	5.14E-02	6.41E-02
5703	486324.17, 3856281.84	0.80702	0.25668	0.85431	1.24E-02	1.87E-05	2.29E-02	0.035316	1.27E-02	1.84E-05	2.55E-02	3.82E-02	1.20E-02	2.33E-05	4.89E-02	6.10E-02
5704	486398.84, 3856345.3	0.82125	0.24871	0.87417	1.26E-02	1.81E-05	2.34E-02	0.036066	1.29E-02	1.78E-05	2.61E-02	3.90E-02	1.22E-02	2.26E-05	5.01E-02	6.23E-02
5705	486473.51, 3856408.77	0.82343	0.23978	0.87824	1.26E-02	1.75E-05	2.36E-02	0.036208	1.29E-02	1.72E-05	2.62E-02	3.91E-02	1.23E-02	2.18E-05	5.03E-02	6.26E-02
5706	486548.17, 3856472.24	0.84454	0.23694	0.90152	1.30E-02	1.72E-05	2.42E-02	0.037156	1.32E-02	1.70E-05	2.69E-02	4.02E-02	1.26E-02	2.16E-05	5.16E-02	6.42E-02
5707	486622.84, 3856535.7	0.86845	0.23608	0.92678	1.33E-02	1.72E-05	2.49E-02	0.0382	1.36E-02	1.69E-05	2.76E-02	4.13E-02	1.29E-02	2.15E-05	5.31E-02	6.60E-02
5708	486765.48, 3856659.69	0.93183	0.24009	0.99403	1.43E-02	1.75E-05	2.67E-02	0.040977	1.46E-02	1.72E-05	2.97E-02	4.43E-02	1.39E-02	2.18E-05	5.69E-02	7.08E-02
5709	486833.44, 3856720.2	0.9563	0.24404	1.01969	1.47E-02	1.78E-05	2.73E-02	0.042041	1.50E-02	1.75E-05	3.04E-02	4.54E-02	1.42E-02	2.22E-05	5.84E-02	7.27E-02
5710	486901.41, 3856780.72	0.98615	0.255	1.05375	1.51E-02	1.86E-05	2.83E-02	0.043413	1.55E-02	1.83E-05	3.14E-02	4.69E-02	1.47E-02	2.32E-05	6.04E-02	7.51E-02
5711	486969.38, 3856841.24	1.00803	0.27482	1.08093	1.55E-02	2.00E-05	2.90E-02	0.044479	1.58E-02	1.97E-05	3.22E-02	4.81E-02	1.50E-02	2.50E-05	6.19E-02	7.70E-02
5712	487037.34, 3856901.75	1.02678	0.31779	1.10579	1.58E-02	2.31E-05	2.97E-02	0.045437	1.61E-02	2.28E-05	3.30E-02	4.91E-02	1.53E-02	2.89E-05	6.33E-02	7.87E-02
5713	487271.23, 3856855.51	0.85894	0.33391	0.92009	1.32E-02	2.43E-05	2.47E-02	0.037882	1.35E-02	2.39E-05	2.74E-02	4.09E-02	1.28E-02	3.04E-05	5.27E-02	6.55E-02
5714	487368.96, 3856857.29	0.81742	0.36127	0.87504	1.25E-02	2.63E-05	2.35E-02	0.036039	1.28E-02	2.59E-05	2.61E-02	3.89E-02	1.22E-02	3.29E-05	5.01E-02	6.23E-02
5715	487466.68, 3856859.06	0.78164	0.39186	0.83645	1.20E-02	2.85E-05	2.24E-02	0.034457	1.23E-02	2.81E-05	2.50E-02	3.72E-02	1.16E-02	3.56E-05	4.79E-02	5.96E-02
5716	487636.44, 3856930	0.7565	0.54187	0.81195	1.16E-02	3.94E-05	2.18E-02	0.033425	1.19E-02	3.88E-05	2.42E-02	3.61E-02	1.13E-02	4.93E-05	4.65E-02	5.78E-02
5717	487709.57, 3856928.43	0.73152	0.5543	0.78485	1.12E-02	4.03E-05	2.11E-02	0.032316	1.15E-02	3.97E-05	2.34E-02	3.49E-02	1.09E-02	5.04E-05	4.50E-02	5.59E-02
5718	487782.55, 3856841.96	0.67157	0.43749	0.71632	1.03E-02	3.18E-05	1.92E-02	0.029549	1.05E-02	3.13E-05	2.14E-02	3.19E-02	1.00E-02	3.98E-05	4.10E-02	5.11E-02
5719	487849.83, 3856754.74	0.62151	0.36232	0.65978	9.54E-03	2.64E-05	1.77E-02	0.027259	9.74E-03	2.60E-05	1.97E-02	2.95E-02	9.26E-03	3.30E-05	3.78E-02	4.71E-02
5720	487918.03, 3856819.39	0.62944	0.43281	0.6703	9.66E-03	3.15E-05	1.80E-02	0.027668	9.87E-03	3.10E-05	2.00E-02	2.99E-02	9.38E-03	3.94E-05	3.84E-02	4.78E-02
5721	487918.8, 3856886.37	0.65328	0.51574	0.69845	1.00E-02	3.75E-05	1.87E-02	0.028795	1.02E-02	3.70E-05	2.08E-02	3.11E-02	9.73E-03	4.69E-05	4.00E-02	4.98E-02
5722	488065.47, 3857127.51	0.69122	0.91917	0.75223	1.06E-02	6.69E-05	2.02E-02	0.030849	1.08E-02	6.59E-05	2.24E-02	3.33E-02	1.03E-02	8.36E-05	4.31E-02	5.35E-02
5723	488192.19, 3857385.84	0.73047	1.10328	0.81885	1.12E-02	8.03E-05	2.20E-02	0.033251	1.15E-02	7.91E-05	2.44E-02	3.60E-02	1.09E-02	1.00E-04	4.69E-02	5.79E-02
5724	488191.22, 3857473.87	0.75965	1.09141	0.85723	1.17E-02	7.94E-05	2.30E-02	0.034728	1.19E-02	7.82E-05	2.56E-02	3.76E-02	1.13E-02	9.93E-05	4.91E-02	6.05E-02
5725	488190.24, 3857561.91	0.79058	1.02865	0.89552	1.21E-02	7.49E-05	2.40E-02	0.036225	1.24E-02	7.37E-05	2.67E-02	3.92E-02	1.18E-02	9.36E-05	5.13E-02	6.32E-02
5726	488158.35, 3857691.13	0.8567	0.90634	0.97861	1.31E-02	6.60E-05	2.62E-02	0.039459	1.34E-02	6.49E-05	2.92E-02	4.27E-02	1.28E-02	8.24E-05	5.61E-02	6.89E-02
5727	488208.37, 3857816.66	0.86949	0.70108	1.00236	1.33E-02	5.10E-05	2.69E-02	0.040277	1.36E-02	5.02E-05	2.99E-02	4.36E-02	1.30E-02	6.38E-05	5.74E-02	7.04E-02
5728	488271.97, 3857874.6	0.84375	0.60449	0.97575	1.29E-02	4.40E-05	2.62E-02	0.039162	1.32E-02	4.33E-05	2.91E-02	4.24E-02	1.26E-02	5.50E-05	5.59E-02	6.85E-02
5729	488463.56, 3857942.31	0.75038	0.48528	0.85159	1.15E-02	3.53E-05	2.28E-02	0.03439	1.18E-02	3.48E-05	2.54E-02	3.72E-02	1.12E-02	4.41E-05	4.88E-02	6.00E-02
5730	488554.83, 3857940.83	0.7056	0.46703	0.79444	1.08E-02	3.40E-05	2.13E-02	0.032169	1.11E-02	3.35E-05	2.37E-02	3.48E-02	1.05E-02	4.25E-05	4.55E-02	5.61E-02
5731	488646.1, 3857939.36	0.66494	0.44988	0.74478	1.02E-02	3.27E-05	2.00E-02	0.030212	1.04E-02	3.22E-05	2.22E-02	3.27E-02	9.91E-03	4.09E-05	4.27E-02	5.26E-02
5732	488737.37, 3857937.88	0.62796	0.43389	0.70143	9.64E-03	3.16E-05	1.88E-02	0.02848	9.85E-03	3.11E-05	2.09E-02	3.08E-02	9.35E-03	3.95E-05	4.02E-02	4.96E-02
5733	488733.59, 3857960.57	0.6306	0.4213	0.70563	9.68E-03	3.07E-05	1.89E-02	0.028633	9.89E-03	3.02E-05	2.11E-02	3.10E-02	9.39E-03	3.83E-05	4.04E-02	4.99E-02
5734	488638.09, 3857961.57	0.67033	0.4369	0.75221	1.03E-02	3.18E-05	2.02E-02	0.030493	1.05E-02	3.13E-05	2.24E-02	3.30E-02	9.99E-03	3.97E-05	4.31E-02	5.31E-02
5735	488542.6, 3857962.56	0.71444	0.45347	0.80539	1.10E-02	3.30E-05	2.16E-02	0.032597	1.12E-02	3.25E-05	2.40E-02	3.53E-02	1.06E-02	4.12E-05	4.61E-02	5.68E-02
5736	488447.1, 3857963.56	0.76289	0.47158	0.86826	1.17E-02	3.43E-05	2.33E-02	0.035028	1.20E-02	3.38E-05	2.59E-02	3.79E-02	1.14E-02	4.29E-05	4.97E-02	6.11E-02
5737	488254.28, 3857890.36	0.85919	0.59222	0.99769	1.32E-02	4.31E-05	2.68E-02	0.039986	1.35E-02	4.24E-05	2.98E-02	4.33E-02	1.28E-02	5.39E-05	5.72E-02	7.00E-02
5738	488191.69, 3857833.06	0.88509	0.68738	1.02657	1.36E-02	5.00E-05	2.75E-02	0.041165	1.39E-02	4.93E-05	3.06E-02	4.46E-02	1.32E-02	6.25E-05	5.88E-02	7.21E-02
5739	488129.5, 3857907.43	0.95544	0.61116	1.1344	1.47E-02	4.45E-05	3.04E-02	0.045131	1.50E-02	4.38E-05	3.38E-02	4.89E-02	1.42E-02	5.56E-05	6.50E-02	7.93E-02
5740	488196.47, 3857968.74	0.92183	0.52177	1.09743	1.41E-02	3.80E-05	2.94E-02	0.043617	1.45E-02	3.74E-05	3.27E-02	4.72E-02	1.37E-02	4.75E-05	6.29E-02	7.66E-02
5741	488263.44, 3858030.04	0.89248	0.45189	1.06022	1.37E-02	3.29E-05	2.84E-02	0.042164	1.40E-02	3.24E-05	3.16E-02	4.57E-02	1.33E-02	4.11E-05	6.07E-02	7.41E-02
5742	488400.64, 3858132.9	0.82744	0.3614	0.96124	1.27E-02	2.63E-05	2.58E-02	0.038504	1.30E-02	2.59E-05	2.87E-02	4.17E-02	1.23E-02	3.29E-05	5.51E-02	6.74E-02
5743	488519.89, 3858218.38	0.75646	0.30311	0.83995	1.16E-02	2.21E-05	2.25E-02	0.034158	1.19E-02	2.17E-05	2.51E-02	3.69E-02	1.13E-02	2.76E-05	4.81E-02	5.94E-02
5744	488647.97, 3858214.99	0.67332	0.29693	0.73978	1.03E-02	2.16E-05	1.98E-02	0.030195	1.06E-02	2.13E-05	2.21E-02	3.26E-02	1.00E-02	2.70E-05	4.24E-02	5.24E-02
5745	488727.05, 3858167.67	0.63591	0.31203	0.70075	9.76E-03	2.27E-05	1.88E-02	0.028575	9.97E-03	2.24E-05	2.09E-02	3.09E-02	9.47E-03	2.84E-05	4.01E-02	4.96E-02
5746	488806.12, 3858120.35	0.60324	0.3272	0.66729	9.26E-03	2.38E-05	1.79E-02	0.027178	9.46E-03	2.34E-05	1.99E-02	2.94E-02	8.99E-03	2.98E-05	3.82E-02	4.72E-02
5747	488885.2, 3858073.03	0.57435	0.34206	0.63727	8.81E-03	2.49E-05	1.71E-02	0.02593	9.01E-03	2.45E-05	1.90E-02	2.80E-02	8.56E-03	3.11E-05	3.65E-02	4.51E-02
5748	489055.76, 3857991.18	0.52205	0.36084	0.58152	8.01E-03	2.63E-05	1.56E-02	0.023634	8.19E-03	2.59E-05	1.73E-02	2.56E-02	7.78E-03	3.28E-05	3.33E-02	4.11E-02
5749	489245.39, 3857944.55	0.47387	0.35554	0.52983	7.27E-03	2.59E-05	1.42E-02	0.021508	7.43E-03	2.55E-05	1.58E-02	2.33E-02	7.06E-03	3.23E-05	3.04E-02	3.74E-02
5750	489430.63, 3857930.91	0.43433	0.33559	0.48387	6.66E-03	2.44E-05	1.30E-02	0.019667	6.81E-03	2.40E-05	1.44E-02	2.13E-02	6.47E-03	3.05E-05	2.77E-02	3.42E-02
5751	489517.74, 3857929.36	0.41761	0.32513	0.4643	6.41E-03	2.37E-05	1.25E-02	0.018885	6.55E-03	2.33E-05	1.39E-02	2.04E-02	6.22E-03	2.96E-05	2.66E-02	3.28E-02
5752	489604.86, 3857927.82	0.4018	0.3151	0.44615	6.17E-03	2.29E-05	1.20E-02	0.018155	6.30E-03	2.26E-05	1.33E-02	1.96E-02	5.99E-03	2.87E-05	2.56E-02	3.16E-02
5753	489691.97, 3857926.28	0.38733	0.30527	0.42893	5.94E-03	2.22E-05	1.15E-02	0.01747	6.07E-03	2.19E-05	1.28E-02	1.89E-02	5.77E-03	2.78E-05	2.46E-02	3.04E-02
5754	489779.08, 3857924.73	0.37363	0.29586	0.41288	5.73E-03	2.15E-05	1.11E-02	0.016829	5.86E-03	2.12E-05	1.23E-02	1.82E-02	5.57E-03	2.69E-05	2.37E-02	2.92E-02
5755	490017.55, 3857875.09	0.3421	0.27807	0.37665	5.25E-03	2.02E-05	1.01E-02	0.015372	5.36E-03	1.99E-05	1.12E-02	1.66E-02	5.10E-03	2.53E-05	2.16E-02	2.67E-02
5756	490033.82, 3857960.81	0.33668	0.26456	0.36754	5.17E-03	1.93E-05	9.86E-03	0.015043	5.28E-03	1.90E-05	1.10E-02	1.63E-02	5.02E-03	2.41E-05	2.11E-02	2.61E-02
5757	489959.15, 3857987.49	0.34559	0.26715	0.37644	5.30E-03	1.94E-05	1.01E-02	0.015419	5.42E-03	1.91E-05	1.12E-02	1.67E-02	5.15E-03	2.43E-05	2.16E-02	2.67E-02
5758	489791.49, 3858016.12	0.36651	0.27742	0.4017	5.62E-03	2.02E-05	1.08E-02	0.016418	5.75E-03	1.99E-05	1.20E-02	1.78E-02	5.46E-03	2.52E-05	2.30E-02	2.85E-02
5759	489698.51, 3858018.07	0.381	0.28554	0.41863	5.85E-03	2.08E-05	1.12E-02	0.017095	5.97E-03	2.05E-05	1.25E-02	1.85E-02	5.68E-03	2.60E-05	2.40E-02	2.97E-02
5760	489605.52, 3858020.02	0.39655	0.2938	0.43683	6.09E-03	2.14E-05	1.17E-02	0.017823	6.22E-03	2.11E-05	1.30E-02	1.93E-02	5.91E-03	2.67E-05	2.50E-02	3.10E-02
5761	489512.53, 3858021.96	0.41342	0.30215	0.45643	6.34E-03	2.20E-05	1.22E-02	0.018608	6.48E-03	2.16E-05	1.36E-02	2.01E-02	6.16E-03	2.75E-05	2.61E-02	3.23E-02
5762	489419.55, 3858023.91	0.43193	0.31042	0.47726	6.63E-03	2.26E-05	1.28E-02	0.019451	6.77E-03	2.22E-05	1.42E-02	2.10E-02	6.43E-03	2.82E-05	2.73E-02	3.38E-02
5763	489228.47, 3858041.29	0.47248	0.32416	0.52679	7.25E-03	2.36E-05	1.41E-02	0.021403	7.41E-03	2.32E-05	1.57E-02	2.31E-02	7.04E-03	2.95E-05	3.02E-02	3.72E-02
5764	489065.75, 3858085.78	0.5138	0.32122	0.56983	7.88E-03	2.34E-05	1.53E-02	0.023191	8.06E-03	2.30E-05	1.70E-02	2.51E-02	7.65E-03	2.92E-05	3.26E-02	4.03E-02
5765	489001.12, 3858114.86	0.53138	0.3147	0.58816	8.15E-03	2.29E-05	1.58E-02	0.023952	8.33E-03	2.25E-05	1.75E-02	2.59E-02	7.92E-03	2.86E-05	3.37E-02	4.16E-02
5766	488861.89, 3858189.81	0.57251	0.29516	0.63207	8.79E-03	2.15E-05	1.70E-02	0.025759	8.98E-03	2.11E-05	1.89E-02	2.79E-02	8.53E-03	2.68E-05	3.62E-02	4.48E-02
5767	488787.29, 3858235.69	0.5989	0.28121	0.65195	9.19E-03	2.05E-05	1.75E-02	0.026696	9.39E-03	2.01E-05	1.94E-02	2.89E-02	8.92E-03	2.56E-05	3.73E-02	4.63E-02
5768	488712.68, 3858281.57	0.62564	0.26873	0.6786	9.60E-03	1.96E-05	1.82E-02	0.02782	9.81E-03	1.93E-05	2.02E-02	3.01E-02	9.32E-03	2.44E-05	3.89E-02	4.82E-02
5769	488654.39, 3858436.17	0.63282	0.21575	0.58228	9.71E-03	1.57E-05	1.56E-02	0.025343	9.92E-03	1.55E-05	1.74E-02	2.73E-02	9.43E-03	1.96E-05	3.34E-02	4.28E-02
5770	488726.31, 3858505.26	0.59771	0.19574	0.47966	9.17E-03	1.42E-05	1.29E-02	0.022051	9.37E-03	1.40E-05	1.43E-02	2.37E-02	8.90E-03	1.78E-05	2.75E-02	3.64E-02
5771	488880.6, 3858599.28	0.54007	0.17404	0.37047	8.29E-03	1.27E-05	9.94E-03	0.018236	8.47E-03	1.25E-05	1.11E-02	1.95E-02	8.05E-03	1.58E-05	2.12E-02	2.93E-02
5772	489008.06, 3858714.75	0.5175	0.15173	0.29149	7.94E-03	1.10E-05	7.82E-03	0.01577	8.11E-03	1.09E-05	8.70E-03	1.68E-02	7.71E-03	1.38E-05	1.67E-02	2.44E-02
5773	489071.48, 3858772.72	0.4982	0.1423	0.26268	7.64E-03	1.04E-05	7.05E-03	0.014701	7.81E-03	1.02E-05	7.84E-03	1.57E-02	7.42E-03	1.29E-05	1.50E-02	2.25E-02
5774	489244.6, 3858920.2	0.33341	0.12224	0.20819	5.12E-03	8.90E-06	5.58E-03	0.010709	5.23E-03	8.76E-06	6.21E-03	1.14E-02	4.97E-03	1.11E-05	1.19E-02	1.69E-02
5775	489239.69, 3858952.23	0.31181	0.11792	0.19888	4.78E-03	8.58E-06	5.33E-03	0.010127	4.89E-03	8.45E-06	5.93E-03	1.08E-02	4.65E-03	1.07E-05	1.14E-02	1.60E-02
5776	489121.67, 3858854.49	0.44591	0.1298	0.22995	6.84E-03	9.45E-06	6.17E-03	0.013019	6.99E-03	9.30E-06	6.86E-03	1.39E-02	6.64E-03	1.18E-05	1.32E-02	1.98E-02
5777	489059.59, 3858797.27	0.51344	0.13787	0.25255	7.88E-03	1.00E-05	6.77E-03	0.014662	8.05E-03	9.88E-06	7.53E-03	1.56E-02	7.65E-03	1.25E-05	1.45E-02	2.21E-02
5778	488997.52, 3858740.04	0.53717	0.14693	0.27991	8.24E-03	1.07E-05	7.51E-03	0.015761	8.42E-03	1.05E-05	8.35E-03	1.68E-02	8.00E-03	1.34E-05	1.60E-02	2.41E-02

5779	488935.44, 3858682.82	0.54531	0.1568	0.31251	8.37E-03	1.14E-05	8.38E-03	0.016761	8.55E-03	1.12E-05	9.32E-03	1.79E-02	8.12E-03	1.43E-05	1.79E-02	2.60E-02
5780	488869.17, 3858848.43	0.96275	0.12768	0.2306	1.48E-02	9.29E-06	6.18E-03	0.020968	1.51E-02	9.15E-06	6.88E-03	2.20E-02	1.43E-02	1.16E-05	1.32E-02	2.76E-02
5781	488932.48, 3858892.69	0.69684	0.12229	0.21423	1.07E-02	8.90E-06	5.75E-03	0.016448	1.09E-02	8.76E-06	6.39E-03	1.73E-02	1.04E-02	1.11E-05	1.23E-02	2.27E-02
5782	489063.27, 3858977.17	0.3328	0.11338	0.18964	5.11E-03	8.25E-06	5.09E-03	0.010201	5.22E-03	8.12E-06	5.66E-03	1.09E-02	4.96E-03	1.03E-05	1.09E-02	1.58E-02
5783	489248.2, 3859117.15	0.20803	0.10069	0.15842	3.19E-03	7.33E-06	4.25E-03	0.007448	3.26E-03	7.21E-06	4.73E-03	7.99E-03	3.10E-03	9.16E-06	9.08E-03	1.22E-02
5784	489296.25, 3859049.22	0.24119	0.10721	0.174	3.70E-03	7.80E-06	4.67E-03	0.008376	3.78E-03	7.68E-06	5.19E-03	8.98E-03	3.59E-03	9.75E-06	9.97E-03	1.36E-02
5785	489353.38, 3858993.97	0.26481	0.11414	0.18795	4.06E-03	8.31E-06	5.04E-03	0.009113	4.15E-03	8.18E-06	5.61E-03	9.77E-03	3.94E-03	1.04E-05	1.08E-02	1.47E-02
5786	489537.25, 3859120.22	0.19944	0.10238	0.16107	3.06E-03	7.45E-06	4.32E-03	0.007388	3.13E-03	7.34E-06	4.81E-03	7.94E-03	2.97E-03	9.31E-06	9.23E-03	1.22E-02
5787	489726.98, 3859246.04	0.16277	0.09249	0.14023	2.50E-03	6.73E-06	3.76E-03	0.006266	2.55E-03	6.63E-06	4.18E-03	6.74E-03	2.42E-03	8.41E-06	8.03E-03	1.05E-02
5788	489911.46, 3859366.33	0.13939	0.08472	0.12491	2.14E-03	6.17E-06	3.35E-03	0.005495	2.19E-03	6.07E-06	3.73E-03	5.92E-03	2.08E-03	7.71E-06	7.16E-03	9.24E-03
5789	490035.3, 3859430.26	0.12936	0.08083	0.11739	1.99E-03	5.88E-06	3.15E-03	0.005139	2.03E-03	5.79E-06	3.50E-03	5.54E-03	1.93E-03	7.35E-06	6.72E-03	8.66E-03
5790	490101.11, 3859458.61	0.12545	0.0794	0.11461	1.93E-03	5.78E-06	3.07E-03	0.005005	1.97E-03	5.69E-06	3.42E-03	5.39E-03	1.87E-03	7.22E-06	6.57E-03	8.44E-03
5791	490312.68, 3859560.3	0.11329	0.07449	0.10547	1.74E-03	5.42E-06	2.83E-03	0.004573	1.78E-03	5.34E-06	3.15E-03	4.93E-03	1.69E-03	6.78E-06	6.04E-03	7.74E-03
5792	490401.63, 3859603.12	0.10894	0.07265	0.10213	1.67E-03	5.29E-06	2.74E-03	0.004416	1.71E-03	5.21E-06	3.05E-03	4.76E-03	1.62E-03	6.61E-06	5.85E-03	7.48E-03
5793	490490.57, 3859645.94	0.10497	0.07092	0.09905	1.61E-03	5.16E-06	2.66E-03	0.004273	1.65E-03	5.08E-06	2.95E-03	4.61E-03	1.56E-03	6.45E-06	5.67E-03	7.24E-03
5794	490579.51, 3859688.76	0.10136	0.06932	0.09624	1.56E-03	5.05E-06	2.58E-03	0.004142	1.59E-03	4.97E-06	2.87E-03	4.47E-03	1.51E-03	6.31E-06	5.51E-03	7.03E-03
5795	490668.45, 3859731.58	0.09808	0.06789	0.09374	1.51E-03	4.94E-06	2.51E-03	0.004024	1.54E-03	4.86E-06	2.80E-03	4.34E-03	1.46E-03	6.18E-06	5.37E-03	6.84E-03
5796	490757.4, 3859774.4	0.09476	0.06624	0.09091	1.45E-03	4.82E-06	2.44E-03	0.003897	1.49E-03	4.75E-06	2.71E-03	4.20E-03	1.41E-03	6.03E-06	5.21E-03	6.63E-03
5797	491003.53, 3859861.82	0.08875	0.06357	0.08607	1.36E-03	4.63E-06	2.31E-03	0.003675	1.39E-03	4.55E-06	2.57E-03	3.96E-03	1.32E-03	5.78E-06	4.93E-03	6.26E-03
5798	491081.41, 3859879.05	0.08757	0.06314	0.08515	1.34E-03	4.60E-06	2.28E-03	0.003632	1.37E-03	4.52E-06	2.54E-03	3.92E-03	1.30E-03	5.74E-06	4.88E-03	6.19E-03
5799	491229.76, 3859917.82	0.08494	0.062	0.08297	1.30E-03	4.51E-06	2.23E-03	0.003533	1.33E-03	4.44E-06	2.48E-03	3.81E-03	1.27E-03	5.64E-06	4.75E-03	6.02E-03
5800	491300.22, 3859939.35	0.08352	0.06127	0.08168	1.28E-03	4.46E-06	2.19E-03	0.003477	1.31E-03	4.39E-06	2.44E-03	3.75E-03	1.24E-03	5.57E-06	4.68E-03	5.93E-03
5801	491350.49, 3860012.03	0.07915	0.0582	0.0772	1.21E-03	4.24E-06	2.07E-03	0.003289	1.24E-03	4.17E-06	2.30E-03	3.55E-03	1.18E-03	5.29E-06	4.42E-03	5.61E-03
5802	491406.82, 3860092.57	0.07478	0.05525	0.0729	1.15E-03	4.02E-06	1.96E-03	0.003107	1.17E-03	3.96E-06	2.17E-03	3.35E-03	1.11E-03	5.03E-06	4.18E-03	5.30E-03
5803	491483.37, 3860121.96	0.07345	0.05456	0.07178	1.13E-03	3.97E-06	1.93E-03	0.003056	1.15E-03	3.91E-06	2.14E-03	3.30E-03	1.09E-03	4.96E-06	4.11E-03	5.21E-03
5804	491559.91, 3860151.36	0.07209	0.05384	0.0706	1.11E-03	3.92E-06	1.89E-03	0.003004	1.13E-03	3.86E-06	2.11E-03	3.24E-03	1.07E-03	4.90E-06	4.04E-03	5.12E-03
5805	491711.81, 3860237.76	0.06948	0.05262	0.06877	1.07E-03	3.83E-06	1.84E-03	0.002914	1.09E-03	3.77E-06	2.05E-03	3.14E-03	1.04E-03	4.79E-06	3.94E-03	4.98E-03
5806	491755.2, 3860319.07	0.0646	0.04892	0.06339	9.91E-04	3.56E-06	1.70E-03	0.002695	1.01E-03	3.51E-06	1.89E-03	2.91E-03	9.62E-04	4.45E-06	3.63E-03	4.60E-03
5807	491704.71, 3860366.54	0.06257	0.0474	0.06129	9.60E-04	3.45E-06	1.64E-03	0.002607	9.81E-04	3.40E-06	1.83E-03	2.81E-03	9.32E-04	4.31E-06	3.51E-03	4.45E-03
5808	491623.43, 3860462.39	0.05833	0.04452	0.05704	8.95E-04	3.24E-06	1.53E-03	0.002428	9.15E-04	3.19E-06	1.70E-03	2.62E-03	8.69E-04	4.05E-06	3.27E-03	4.14E-03
5809	491534.02, 3860439.85	0.06018	0.04598	0.05922	9.23E-04	3.35E-06	1.59E-03	0.002515	9.44E-04	3.29E-06	1.77E-03	2.71E-03	8.97E-04	4.18E-06	3.39E-03	4.29E-03
5810	491313.95, 3860268.18	0.06503	0.04853	0.06307	9.98E-04	3.53E-06	1.69E-03	0.002693	1.02E-03	3.48E-06	1.88E-03	2.90E-03	9.69E-04	4.41E-06	3.61E-03	4.59E-03
5811	491187.12, 3860143.56	0.07127	0.05233	0.06892	1.09E-03	3.81E-06	1.85E-03	0.002946	1.12E-03	3.75E-06	2.06E-03	3.18E-03	1.06E-03	4.76E-06	3.95E-03	5.01E-03
5812	491070.43, 3860075.97	0.07483	0.05442	0.0722	1.15E-03	3.96E-06	1.94E-03	0.003089	1.17E-03	3.90E-06	2.15E-03	3.33E-03	1.11E-03	4.95E-06	4.14E-03	5.26E-03
5813	490995.09, 3860039.39	0.07674	0.05549	0.0739	1.18E-03	4.04E-06	1.98E-03	0.003164	1.20E-03	3.98E-06	2.20E-03	3.41E-03	1.14E-03	5.05E-06	4.23E-03	5.38E-03
5814	490919.75, 3860002.8	0.07874	0.05661	0.07568	1.21E-03	4.12E-06	2.03E-03	0.003242	1.23E-03	4.06E-06	2.26E-03	3.50E-03	1.17E-03	5.15E-06	4.34E-03	5.51E-03
5815	490756.81, 3859894.53	0.0856	0.06052	0.08202	1.31E-03	4.41E-06	2.20E-03	0.003518	1.34E-03	4.34E-06	2.45E-03	3.79E-03	1.28E-03	5.51E-06	4.70E-03	5.98E-03
5816	490668.07, 3859860.92	0.08749	0.06137	0.08343	1.34E-03	4.47E-06	2.24E-03	0.003585	1.37E-03	4.40E-06	2.49E-03	3.87E-03	1.30E-03	5.58E-06	4.78E-03	6.09E-03
5817	490579.34, 3859827.3	0.08961	0.06241	0.08515	1.38E-03	4.54E-06	2.28E-03	0.003663	1.41E-03	4.47E-06	2.54E-03	3.95E-03	1.33E-03	5.68E-06	4.88E-03	6.22E-03
5818	490490.6, 3859793.68	0.09168	0.06334	0.08666	1.41E-03	4.61E-06	2.32E-03	0.003736	1.44E-03	4.54E-06	2.59E-03	4.03E-03	1.37E-03	5.76E-06	4.96E-03	6.34E-03
5819	490401.86, 3859760.07	0.09387	0.06434	0.08831	1.44E-03	4.68E-06	2.37E-03	0.003814	1.47E-03	4.61E-06	2.63E-03	4.11E-03	1.40E-03	5.85E-06	5.06E-03	6.46E-03
5820	490313.12, 3859726.45	0.0963	0.06552	0.09023	1.48E-03	4.77E-06	2.42E-03	0.003903	1.51E-03	4.69E-06	2.69E-03	4.21E-03	1.43E-03	5.96E-06	5.17E-03	6.61E-03
5821	490224.39, 3859692.83	0.09892	0.06682	0.09234	1.52E-03	4.86E-06	2.48E-03	0.003999	1.55E-03	4.79E-06	2.75E-03	4.31E-03	1.47E-03	6.08E-06	5.29E-03	6.77E-03
5822	490135.65, 3859659.22	0.10175	0.06827	0.0947	1.56E-03	4.97E-06	2.54E-03	0.004106	1.60E-03	4.89E-06	2.83E-03	4.43E-03	1.52E-03	6.21E-06	5.42E-03	6.95E-03
5823	489918.19, 3859559.23	0.11143	0.07291	0.10253	1.71E-03	5.31E-06	2.75E-03	0.004465	1.75E-03	5.22E-06	3.06E-03	4.81E-03	1.66E-03	6.63E-06	5.87E-03	7.54E-03
5824	489743.61, 3859486	0.11953	0.0766	0.10869	1.83E-03	5.58E-06	2.92E-03	0.004755	1.87E-03	5.49E-06	3.24E-03	5.12E-03	1.78E-03	6.97E-06	6.23E-03	8.01E-03
5825	489660.32, 3859440.27	0.12553	0.07902	0.113	1.93E-03	5.75E-06	3.03E-03	0.004963	1.97E-03	5.66E-06	3.37E-03	5.34E-03	1.87E-03	7.19E-06	6.47E-03	8.35E-03
5826	489577.04, 3859394.53	0.13224	0.08162	0.11771	2.03E-03	5.94E-06	3.16E-03	0.005192	2.07E-03	5.85E-06	3.51E-03	5.59E-03	1.97E-03	7.42E-06	6.74E-03	8.72E-03
5827	489493.75, 3859348.8	0.1398	0.08432	0.1227	2.15E-03	6.14E-06	3.29E-03	0.005442	2.19E-03	6.04E-06	3.66E-03	5.86E-03	2.08E-03	7.67E-06	7.03E-03	9.12E-03
5828	489321.28, 3859240.02	0.16318	0.09143	0.13669	2.50E-03	6.66E-06	3.67E-03	0.006177	2.56E-03	6.55E-06	4.08E-03	6.64E-03	2.43E-03	8.32E-06	7.83E-03	1.03E-02
5829	489235.41, 3859193.96	0.17617	0.09497	0.14378	2.70E-03	6.91E-06	3.86E-03	0.006567	2.76E-03	6.80E-06	4.29E-03	7.06E-03	2.62E-03	8.64E-06	8.24E-03	1.09E-02
5830	489149.54, 3859147.89	0.19238	0.09836	0.15068	2.95E-03	7.16E-06	4.04E-03	0.007001	3.02E-03	7.05E-06	4.50E-03	7.52E-03	2.87E-03	8.95E-06	8.63E-03	1.15E-02
5831	489063.68, 3859101.82	0.21358	0.10231	0.15904	3.28E-03	7.45E-06	4.27E-03	0.00755	3.35E-03	7.33E-06	4.74E-03	8.10E-03	3.18E-03	9.31E-06	9.11E-03	1.23E-02
5832	488977.81, 3859055.75	0.24324	0.10661	0.16848	3.73E-03	7.76E-06	4.52E-03	0.008259	3.81E-03	7.64E-06	5.03E-03	8.85E-03	3.62E-03	9.70E-06	9.65E-03	1.33E-02
5833	488891.94, 3859009.69	0.28826	0.11076	0.17793	4.42E-03	8.06E-06	4.77E-03	0.009204	4.52E-03	7.94E-06	5.31E-03	9.84E-03	4.29E-03	1.01E-05	1.02E-02	1.45E-02
5834	488808, 3859060.73	0.23747	0.10796	0.16712	3.64E-03	7.86E-06	4.48E-03	0.008134	3.72E-03	7.74E-06	4.99E-03	8.72E-03	3.54E-03	9.82E-06	9.57E-03	1.31E-02
5835	488809.93, 3859157.85	0.19091	0.10136	0.15068	2.93E-03	7.38E-06	4.04E-03	0.006978	2.99E-03	7.26E-06	4.50E-03	7.50E-03	2.84E-03	9.22E-06	8.63E-03	1.15E-02
5836	488811.86, 3859254.96	0.16394	0.09515	0.13723	2.52E-03	6.93E-06	3.68E-03	0.006203	2.57E-03	6.82E-06	4.09E-03	6.67E-03	2.44E-03	8.66E-06	7.86E-03	1.03E-02
5837	488813.78, 3859352.07	0.14512	0.08921	0.12573	2.23E-03	6.49E-06	3.37E-03	0.005606	2.28E-03	6.39E-06	3.75E-03	6.03E-03	2.16E-03	8.11E-06	7.20E-03	9.37E-03
5838	488815.71, 3859449.19	0.13088	0.08374	0.116	2.01E-03	6.10E-06	3.11E-03	0.005126	2.05E-03	6.00E-06	3.46E-03	5.52E-03	1.95E-03	7.62E-06	6.65E-03	8.60E-03
5839	488910.04, 3859547.11	0.11881	0.07869	0.1073	1.82E-03	5.73E-06	2.88E-03	0.004707	1.86E-03	5.64E-06	3.20E-03	5.07E-03	1.77E-03	7.16E-06	6.15E-03	7.92E-03
5840	489002.45, 3859547.91	0.11829	0.07869	0.10717	1.82E-03	5.73E-06	2.87E-03	0.004695	1.85E-03	5.64E-06	3.20E-03	5.06E-03	1.76E-03	7.16E-06	6.14E-03	7.91E-03
5841	489094.85, 3859548.72	0.11757	0.07852	0.10685	1.80E-03	5.72E-06	2.87E-03	0.004676	1.84E-03	5.63E-06	3.19E-03	5.04E-03	1.75E-03	7.14E-06	6.12E-03	7.88E-03
5842	489230.05, 3859601.87	0.11125	0.07559	0.10198	1.71E-03	5.50E-06	2.74E-03	0.004448	1.74E-03	5.42E-06	3.04E-03	4.79E-03	1.66E-03	6.88E-06	5.84E-03	7.51E-03
5843	489227.52, 3859680.89	0.1047	0.07253	0.09683	1.61E-03	5.28E-06	2.60E-03	0.004209	1.64E-03	5.20E-06	2.89E-03	4.54E-03	1.56E-03	6.60E-06	5.55E-03	7.11E-03
5844	489133.47, 3859760.29	0.09916	0.06947	0.09211	1.52E-03	5.06E-06	2.47E-03	0.003997	1.55E-03	4.98E-06	2.75E-03	4.31E-03	1.48E-03	6.32E-06	5.28E-03	6.76E-03
5845	489041.96, 3859760.67	0.09938	0.0693	0.09202	1.53E-03	5.04E-06	2.47E-03	0.003998	1.56E-03	4.97E-06	2.75E-03	4.31E-03	1.48E-03	6.30E-06	5.27E-03	6.76E-03
5846	488950.45, 3859761.05	0.09935	0.06899	0.09165	1.52E-03	5.02E-06	2.46E-03	0.003988	1.56E-03	4.94E-06	2.73E-03	4.30E-03	1.48E-03	6.28E-06	5.25E-03	6.74E-03
5847	488858.94, 3859761.43	0.09923	0.06869	0.09119	1.52E-03	5.00E-06	2.45E-03	0.003973	1.56E-03	4.92E-06	2.72E-03	4.28E-03	1.48E-03	6.25E-06	5.22E-03	6.71E-03
5848	488767.43, 3859761.82	0.0988	0.06819	0.09025	1.52E-03	4.96E-06	2.42E-03	0.003942	1.55E-03	4.89E-06	2.69E-03	4.25E-03	1.47E-03	6.20E-06	5.17E-03	6.65E-03
5849	488675.92, 3859762.2	0.09852	0.0678	0.08947	1.51E-03	4.94E-06	2.40E-03	0.003916	1.54E-03	4.86E-06	2.67E-03	4.22E-03	1.47E-03	6.17E-06	5.13E-03	6.60E-03
5850	488584.41, 3859762.58	0.09802	0.06723	0.08847	1.50E-03	4.89E-06	2.37E-03	0.003882	1.54E-03	4.82E-06	2.64E-03	4.18E-03	1.46E-03	6.12E-06	5.07E-03	6.53E-03
5851	488492.9, 3859762.96	0.09759	0.0667	0.08765	1.50E-03	4.86E-06	2.35E-03	0.003853	1.53E-03	4.78E-06	2.61E-03	4.15E-03	1.45E-03	6.07E-06	5.02E-03	6.48E-03
5852	488402.76, 3859830.95	0.09224	0.06345	0.08284	1.42E-03	4.62E-06	2.22E-03	0.003642	1.45E-03	4.55E-06	2.47E-03	3.92E-03	1.37E-03	5.77E-06	4.75E-03	6.13E-03
5853	488404.14, 3859898.55	0.08746	0.06075	0.07883	1.34E-03	4.42E-06	2.11E-03	0.003461	1.37E-03	4.35E-06	2.35E-03	3.73E-03	1.30E-03	5.53E-06	4.52E-03	5.82E-03
5854	488505.18, 3859964.96	0.08372	0.05906	0.0761	1.28E-03	4.30E-06	2.04E-03	0.00333	1.31E-03	4.23E-06	2.27E-03	3.59E-03	1.25E-03	5.37E-06	4.36E-03	5.61E-03
5855	488604.85, 3859963.76	0.08408	0.05964	0.07681	1.29E-03	4.34E-06	2.06E-03	0.003355	1.32E-03	4.27E-06	2.29E-03	3.61E-03	1.25E-03	5.42E-06	4.40E-03	5.66E-03
5856	488704.51, 3859962.56	0.08455	0.0602	0.07765	1.30E-03	4.38E-06	2.08E-03	0.003384	1.33E-03	4.31E-06	2.32E-03	3.65E-03	1.26E-03	5.48E-06	4.45E-03	5.71E-03
5857	488804.18, 3859961.37	0.08508	0.06075	0.07859	1.31E-03	4.42E-06	2.11E-03	0.003418	1.33E-03	4.35E-06	2.34E-03	3.68E-03	1.27E-03	5.53E-06	4.50E-03	5.77E-03
5858	488903.85, 3859960.17	0.08559	0.06125	0.0795	1.31E-03	4.46E-06	2.13E-03	0.00345	1.34E-03	4.39E-06	2.37E-03	3.72E-03	1.28E-03	5.57E-06	4.55E-03	5.83E-03
5859	489003.52, 3859958.97	0.08595	0.06163	0.08019	1.32E-03	4.49E-06	2.15E-03	0.003474	1.35E-03	4.42E-06	2.39E-03	3.74E-03	1.28E-03	5.61E-06	4.59E-03	5.88E-03
5860	489103.18, 3859957.77	0.08615	0.06197	0.0807	1.32E-03	4.51E-06	2.16E-03	0.003491	1.35E-03	4.44E-06	2.41E-03	3.76E-03	1.28E-03	5.64E-06	4.62E-03	5.91E-03
5861	489201.48, 3860046.59	0.08129	0.05933	0.07666	1.25E-03	4.32E-06	2.06E-03	0.003308	1.27E-03	4.25E-06	2.29E-03	3.57E-03	1.21E-03	5.40E-06	4.39E-03	5.61E-03
5862	489200.11, 3860136.61	0.07663	0.05645	0.07236	1.18E-03	4.11E-06	1.94E-03	0.003121	1.20E-03	4.04E-06	2.16E-03	3.36E-03	1.14E-03	5.13E-06	4.15E-03	5.29E-03
5863	489198.74, 3860226.63	0.07238	0.05379	0.0684	1.11E-03	3.92E-06	1.83E-03	0.002949	1.13E-03	3.85E-06	2.04E-03	3.18E-03	1.08E-03	4.89E-06	3.92E-03	5.00E-03
5864	489197.38, 3860316.66	0.06841	0.05124	0.06466	1.05E-03	3.73E-06	1.73E-03	0.002788	1.07E-03	3.67E-06	1.93E-03	3.01E-03	1.02E-03	4.66E-06	3.70E-03	4.73E-03
5865	489196.01, 3860406.68	0.06488	0.04894	0.06133	9.96E-04	3.56E-06	1.64E-03	0.002644	1.02E-03	3.51E-06	1.83E-03	2.85E-03	9.67E-04	4.45E-06	3.51E-03	4.48E-03
5866	489194.64, 3860496.7	0.06146	0.04665	0.05804	9.43E-04	3.40E-06	1.56E-03	0.002503	9.64E-04	3.34E-06	1.73E-03	2.70E-03	9.16E-04	4.24E-06	3.32E-03	4.24E-03
5867	489193.27, 3860586.72	0.0585	0.04466	0.05523	8.98E-04	3.25E-06	1.48E-03	0.002382	9.17E-04	3.20E-06	1.65E-03	2.57E-03	8.71E-04	4.06E-06	3.16E-03	4.04E-03
5868	489092.02, 3860678.13	0.05547	0.04251	0.05215	8.51E-04	3.09E-06	1.40E-03	0.002253	8.70E-04	3.05E-06	1.56E-03	2.43E-03	8.26E-04	3.87E-06	2.99E-03	3.82E-03
5869	488992.13, 3860679.53	0.05518	0.04225	0.05173	8.47E-04	3.08E-06	1.39E-03	0.002237	8.65E-04	3.03E-06	1.54E-03	2.41E-03	8.22E-04	3.84E-06	2.96E-03	3.79E-03
5870	488892.25, 3860680.92	0.05498	0.04202	0.05142	8.44E-04	3.06E-06	1.38E-03	0.002226	8.62E-04	3.01E-06	1.53E-03	2.40E-03	8.19E-04	3.82E-06	2.95E-03	3.77E-03
5871	488792.36, 3860682.31	0.05478	0.04168	0.05111	8.41E-04	3.03E-06	1.37E-03	0.002214	8.59E-04	2.99E-06	1.52E-03	2.39E-03	8.16E-04	3.79E-06	2.93E-03	3.75E-03
5872	488692.48, 3860683.7	0.05469	0.04133	0.0509	8.39E-04	3.01E-06	1.37E-03	0.002207	8.57E-04	2.96E-06	1.52E-03	2.38E-03	8.15E-04	3.76E-06	2.92E-03	3.73E-03
5873	488592.59, 3860685.1	0.05443	0.04078	0.05047	8.35E-04	2.97E-06	1.35E-03	0.002192	8.53E-04	2.92E-06	1.51E-03	2.36E-03	8.11E-04	3.71E-06	2.89E-03	3.71E-03
5874	488492.71, 3860686.49	0.05454	0.04053	0.05041	8.37E-04	2.95E-06	1.35E-03	0.002192	8.55E-04	2.90E-06	1.50E-03	2.36E-03	8.12E-04	3.69E-06	2.89E-03	3.70E-03
5875	488299.07, 3860762.18	0.05315	0.0395	0.04886	8.16E-04	2.88E-06	1.31E-03	0.002129	8.33E-04	2.83E-06	1.46E-03	2.29E-03	7.92E-04	3.59E-06	2.80E-03	3.59E-03
5876	488205.32, 3860764.09	0.05279	0.03941	0.04831	8.10E-04	2.87E-06	1.30E-03	0.002109	8.28E-04	2.82E-06	1.44E-03	2.27E-03	7.86E-04	3.58E-06	2.77E-03	3.56E-03

5877	488111.56, 3860766	0.05231	0.03934	0.04767	8.03E-04	2.86E-06	1.28E-03	0.002084	8.20E-04	2.82E-06	1.42E-03	2.25E-03	7.79E-04	3.58E-06	2.73E-03	3.51E-03
5878	488017.81, 3860767.91	0.05185	0.0393	0.04709	7.96E-04	2.86E-06	1.26E-03	0.002061	8.13E-04	2.82E-06	1.40E-03	2.22E-03	7.72E-04	3.57E-06	2.70E-03	3.47E-03
5879	487924.06, 3860769.81	0.05152	0.03929	0.04667	7.91E-04	2.86E-06	1.25E-03	0.002045	8.08E-04	2.82E-06	1.39E-03	2.20E-03	7.67E-04	3.57E-06	2.67E-03	3.44E-03
5880	487830.31, 3860771.72	0.0513	0.03922	0.04636	7.87E-04	2.85E-06	1.24E-03	0.002033	8.04E-04	2.81E-06	1.38E-03	2.19E-03	7.64E-04	3.57E-06	2.66E-03	3.42E-03
5881	487736.55, 3860773.63	0.05118	0.03902	0.04617	7.85E-04	2.84E-06	1.24E-03	0.002027	8.02E-04	2.80E-06	1.38E-03	2.18E-03	7.62E-04	3.55E-06	2.64E-03	3.41E-03
5882	487642.8, 3860775.54	0.05125	0.03876	0.04618	7.86E-04	2.82E-06	1.24E-03	0.002028	8.04E-04	2.78E-06	1.38E-03	2.18E-03	7.63E-04	3.53E-06	2.65E-03	3.41E-03
5883	487549.48, 3860684.71	0.05369	0.03992	0.04832	8.24E-04	2.91E-06	1.30E-03	0.002123	8.42E-04	2.86E-06	1.44E-03	2.29E-03	8.00E-04	3.63E-06	2.77E-03	3.57E-03
5884	487549.91, 3860591.97	0.05593	0.04139	0.05027	8.58E-04	3.01E-06	1.35E-03	0.00221	8.77E-04	2.97E-06	1.50E-03	2.38E-03	8.33E-04	3.76E-06	2.88E-03	3.72E-03
5885	487550.34, 3860499.23	0.05863	0.04314	0.05263	9.00E-04	3.14E-06	1.41E-03	0.002314	9.19E-04	3.09E-06	1.57E-03	2.49E-03	8.73E-04	3.92E-06	3.01E-03	3.89E-03
5886	487550.76, 3860406.49	0.06166	0.04508	0.05529	9.46E-04	3.28E-06	1.48E-03	0.002432	9.67E-04	3.23E-06	1.65E-03	2.62E-03	9.19E-04	4.10E-06	3.17E-03	4.09E-03
5887	487551.19, 3860313.75	0.06475	0.04703	0.05798	9.94E-04	3.42E-06	1.56E-03	0.002552	1.02E-03	3.37E-06	1.73E-03	2.75E-03	9.65E-04	4.28E-06	3.32E-03	4.29E-03
5888	487551.62, 3860221.01	0.06822	0.04918	0.06101	1.05E-03	3.58E-06	1.64E-03	0.002687	1.07E-03	3.52E-06	1.82E-03	2.89E-03	1.02E-03	4.47E-06	3.49E-03	4.52E-03
5889	487552.05, 3860128.27	0.07243	0.05177	0.06471	1.11E-03	3.77E-06	1.74E-03	0.002851	1.14E-03	3.71E-06	1.93E-03	3.07E-03	1.08E-03	4.71E-06	3.71E-03	4.79E-03
5890	487552.48, 3860035.53	0.07691	0.05446	0.06862	1.18E-03	3.96E-06	1.84E-03	0.003025	1.21E-03	3.90E-06	2.05E-03	3.26E-03	1.15E-03	4.95E-06	3.93E-03	5.08E-03
5891	487552.91, 3859942.79	0.08122	0.0569	0.07228	1.25E-03	4.14E-06	1.94E-03	0.003189	1.27E-03	4.08E-06	2.16E-03	3.43E-03	1.21E-03	5.18E-06	4.14E-03	5.36E-03
5892	487553.33, 3859850.05	0.08679	0.06005	0.07713	1.33E-03	4.37E-06	2.07E-03	0.003405	1.36E-03	4.30E-06	2.30E-03	3.67E-03	1.29E-03	5.46E-06	4.42E-03	5.72E-03
5893	487553.76, 3859757.31	0.0925	0.06309	0.082	1.42E-03	4.59E-06	2.20E-03	0.003623	1.45E-03	4.52E-06	2.45E-03	3.90E-03	1.38E-03	5.74E-06	4.70E-03	6.08E-03
5894	487554.19, 3859664.57	0.09893	0.06635	0.08745	1.52E-03	4.83E-06	2.35E-03	0.003868	1.55E-03	4.75E-06	2.61E-03	4.16E-03	1.47E-03	6.04E-06	5.01E-03	6.49E-03
5895	487460.2, 3859571.05	0.10539	0.06969	0.09312	1.62E-03	5.07E-06	2.50E-03	0.00412	1.65E-03	4.99E-06	2.78E-03	4.44E-03	1.57E-03	6.34E-06	5.33E-03	6.91E-03
5896	487365.78, 3859570.27	0.10489	0.06913	0.093	1.61E-03	5.03E-06	2.49E-03	0.004109	1.64E-03	4.95E-06	2.77E-03	4.42E-03	1.56E-03	6.29E-06	5.33E-03	6.90E-03
5897	487271.36, 3859569.48	0.10431	0.06805	0.09272	1.60E-03	4.95E-06	2.49E-03	0.004092	1.64E-03	4.88E-06	2.77E-03	4.41E-03	1.55E-03	6.19E-06	5.31E-03	6.87E-03
5898	487176.94, 3859568.7	0.10368	0.06691	0.09234	1.59E-03	4.87E-06	2.48E-03	0.004072	1.63E-03	4.79E-06	2.75E-03	4.39E-03	1.54E-03	6.09E-06	5.29E-03	6.84E-03
5899	487082.51, 3859567.92	0.10314	0.06631	0.09202	1.58E-03	4.83E-06	2.47E-03	0.004056	1.62E-03	4.75E-06	2.75E-03	4.37E-03	1.54E-03	6.03E-06	5.27E-03	6.81E-03
5900	486988.09, 3859567.14	0.10247	0.06638	0.09155	1.57E-03	4.83E-06	2.46E-03	0.004033	1.61E-03	4.76E-06	2.73E-03	4.34E-03	1.53E-03	6.04E-06	5.24E-03	6.78E-03
5901	486893.67, 3859566.36	0.10173	0.06706	0.09104	1.56E-03	4.88E-06	2.44E-03	0.004008	1.60E-03	4.81E-06	2.72E-03	4.32E-03	1.52E-03	6.10E-06	5.22E-03	6.74E-03
5902	486799.25, 3859565.58	0.10089	0.06802	0.09043	1.55E-03	4.95E-06	2.43E-03	0.003979	1.58E-03	4.87E-06	2.70E-03	4.28E-03	1.50E-03	6.19E-06	5.18E-03	6.69E-03
5903	486704.83, 3859564.79	0.10005	0.069	0.08983	1.54E-03	5.02E-06	2.41E-03	0.00395	1.57E-03	4.94E-06	2.68E-03	4.25E-03	1.49E-03	6.28E-06	5.15E-03	6.64E-03
5904	486610.41, 3859564.01	0.09925	0.06987	0.08926	1.52E-03	5.09E-06	2.39E-03	0.003922	1.56E-03	5.01E-06	2.66E-03	4.22E-03	1.48E-03	6.36E-06	5.11E-03	6.60E-03
5905	486515.99, 3859563.23	0.09814	0.07029	0.08833	1.51E-03	5.12E-06	2.37E-03	0.00388	1.54E-03	5.04E-06	2.64E-03	4.18E-03	1.46E-03	6.39E-06	5.06E-03	6.53E-03
5906	486421.57, 3859562.45	0.09722	0.07053	0.08758	1.49E-03	5.13E-06	2.35E-03	0.003846	1.52E-03	5.05E-06	2.61E-03	4.14E-03	1.45E-03	6.42E-06	5.02E-03	6.47E-03
5907	486327.14, 3859561.67	0.09648	0.07054	0.08704	1.48E-03	5.13E-06	2.33E-03	0.00382	1.51E-03	5.05E-06	2.60E-03	4.11E-03	1.44E-03	6.42E-06	4.99E-03	6.43E-03
5908	486232.72, 3859560.89	0.09538	0.06998	0.08617	1.46E-03	5.09E-06	2.31E-03	0.00378	1.50E-03	5.01E-06	2.57E-03	4.07E-03	1.42E-03	6.37E-06	4.94E-03	6.36E-03
5909	486138.3, 3859560.1	0.09439	0.06938	0.08544	1.45E-03	5.05E-06	2.29E-03	0.003745	1.48E-03	4.97E-06	2.55E-03	4.03E-03	1.41E-03	6.31E-06	4.89E-03	6.31E-03
5910	486043.88, 3859559.32	0.09335	0.06884	0.08468	1.43E-03	5.01E-06	2.27E-03	0.003709	1.46E-03	4.93E-06	2.53E-03	3.99E-03	1.39E-03	6.26E-06	4.85E-03	6.25E-03
5911	485949.35, 3859463.54	0.09766	0.07283	0.08895	1.50E-03	5.30E-06	2.39E-03	0.00389	1.53E-03	5.22E-06	2.65E-03	4.19E-03	1.45E-03	6.62E-06	5.10E-03	6.56E-03
5912	485949.24, 3859368.55	0.10365	0.0776	0.09454	1.59E-03	5.65E-06	2.54E-03	0.004132	1.63E-03	5.56E-06	2.82E-03	4.45E-03	1.54E-03	7.06E-06	5.42E-03	6.97E-03
5913	485949.12, 3859273.55	0.11037	0.08296	0.10075	1.69E-03	6.04E-06	2.70E-03	0.004402	1.73E-03	5.94E-06	3.01E-03	4.74E-03	1.64E-03	7.55E-06	5.77E-03	7.42E-03
5914	485949.01, 3859178.56	0.1176	0.08878	0.10739	1.80E-03	6.46E-06	2.88E-03	0.004691	1.84E-03	6.36E-06	3.20E-03	5.05E-03	1.75E-03	8.08E-06	6.15E-03	7.91E-03
5915	485948.9, 3859083.56	0.12585	0.09545	0.11498	1.93E-03	6.95E-06	3.08E-03	0.005022	1.97E-03	6.84E-06	3.43E-03	5.41E-03	1.87E-03	8.68E-06	6.59E-03	8.47E-03
5916	485948.79, 3858988.56	0.13441	0.10238	0.12275	2.06E-03	7.45E-06	3.29E-03	0.005362	2.11E-03	7.34E-06	3.66E-03	5.78E-03	2.00E-03	9.31E-06	7.03E-03	9.04E-03
5917	485948.67, 3858893.57	0.14369	0.1098	0.13107	2.20E-03	7.99E-06	3.52E-03	0.005728	2.25E-03	7.87E-06	3.91E-03	6.17E-03	2.14E-03	9.99E-06	7.51E-03	9.66E-03
5918	485948.56, 3858798.57	0.15477	0.11843	0.14105	2.37E-03	8.62E-06	3.78E-03	0.006167	2.43E-03	8.49E-06	4.21E-03	6.64E-03	2.31E-03	1.08E-05	8.08E-03	1.04E-02
5919	485948.45, 3858703.58	0.16559	0.12636	0.15044	2.54E-03	9.20E-06	4.03E-03	0.006585	2.60E-03	9.05E-06	4.49E-03	7.09E-03	2.47E-03	1.15E-05	8.62E-03	1.11E-02
5920	485948.34, 3858608.58	0.17891	0.13576	0.16215	2.75E-03	9.88E-06	4.35E-03	0.007104	2.81E-03	9.73E-06	4.84E-03	7.65E-03	2.67E-03	1.23E-05	9.29E-03	1.20E-02
5921	485948.22, 3858513.59	0.19366	0.14585	0.17511	2.97E-03	1.06E-05	4.70E-03	0.007679	3.04E-03	1.05E-05	5.22E-03	8.27E-03	2.88E-03	1.33E-05	1.00E-02	1.29E-02
5922	485948.11, 3858418.59	0.20962	0.15657	0.18917	3.22E-03	1.14E-05	5.07E-03	0.008302	3.29E-03	1.12E-05	5.64E-03	8.94E-03	3.12E-03	1.42E-05	1.08E-02	1.40E-02
5923	485948, 3858323.59	0.22884	0.16947	0.20628	3.51E-03	1.23E-05	5.53E-03	0.009056	3.59E-03	1.21E-05	6.15E-03	9.75E-03	3.41E-03	1.54E-05	1.18E-02	1.52E-02
5924	485947.89, 3858228.6	0.24913	0.18379	0.22427	3.82E-03	1.34E-05	6.02E-03	0.009851	3.91E-03	1.32E-05	6.69E-03	1.06E-02	3.71E-03	1.67E-05	1.28E-02	1.66E-02
5925	485947.77, 3858133.6	0.27218	0.20275	0.24467	4.18E-03	1.48E-05	6.56E-03	0.010754	4.27E-03	1.45E-05	7.30E-03	1.16E-02	4.05E-03	1.84E-05	1.40E-02	1.81E-02
5926	485947.66, 3858038.61	0.30393	0.22998	0.27251	4.66E-03	1.67E-05	7.31E-03	0.011989	4.77E-03	1.65E-05	8.13E-03	1.29E-02	4.53E-03	2.09E-05	1.56E-02	2.02E-02
5927	485854.54, 3857943.35	0.31568	0.23839	0.28223	4.84E-03	1.74E-05	7.57E-03	0.012431	4.95E-03	1.71E-05	8.42E-03	1.34E-02	4.70E-03	2.17E-05	1.62E-02	2.09E-02
5928	485761.52, 3857943.09	0.29838	0.22306	0.26706	4.58E-03	1.62E-05	7.16E-03	0.011758	4.68E-03	1.60E-05	7.97E-03	1.27E-02	4.44E-03	2.03E-05	1.53E-02	1.98E-02
5929	485668.51, 3857942.83	0.28428	0.21017	0.25478	4.36E-03	1.53E-05	6.83E-03	0.011211	4.46E-03	1.51E-05	7.60E-03	1.21E-02	4.23E-03	1.91E-05	1.46E-02	1.88E-02
5930	485575.5, 3857942.56	0.26961	0.19668	0.24196	4.14E-03	1.43E-05	6.49E-03	0.010641	4.23E-03	1.41E-05	7.22E-03	1.15E-02	4.02E-03	1.79E-05	1.39E-02	1.79E-02
5931	485482.48, 3857942.3	0.25766	0.1846	0.23164	3.95E-03	1.34E-05	6.21E-03	0.01018	4.04E-03	1.32E-05	6.91E-03	1.10E-02	3.84E-03	1.68E-05	1.33E-02	1.71E-02
5932	485389.47, 3857942.04	0.24641	0.17281	0.22192	3.78E-03	1.26E-05	5.95E-03	0.009746	3.86E-03	1.24E-05	6.62E-03	1.05E-02	3.67E-03	1.57E-05	1.27E-02	1.64E-02
5933	485296.46, 3857941.78	0.23605	0.16193	0.21298	3.62E-03	1.18E-05	5.71E-03	0.009346	3.70E-03	1.16E-05	6.35E-03	1.01E-02	3.52E-03	1.47E-05	1.22E-02	1.57E-02
5934	485203.45, 3857941.52	0.22748	0.15305	0.20573	3.49E-03	1.11E-05	5.52E-03	0.00902	3.57E-03	1.10E-05	6.14E-03	9.72E-03	3.39E-03	1.39E-05	1.18E-02	1.52E-02
5935	485110.43, 3857941.26	0.21822	0.14462	0.19767	3.35E-03	1.05E-05	5.30E-03	0.008661	3.42E-03	1.04E-05	5.90E-03	9.33E-03	3.25E-03	1.32E-05	1.13E-02	1.46E-02
5936	485017.42, 3857940.99	0.20913	0.13726	0.18966	3.21E-03	9.99E-06	5.09E-03	0.008306	3.28E-03	9.83E-06	5.66E-03	8.95E-03	3.12E-03	1.25E-05	1.09E-02	1.40E-02
5937	484924.41, 3857940.73	0.20073	0.13112	0.18226	3.08E-03	9.54E-06	4.89E-03	0.007978	3.15E-03	9.40E-06	5.44E-03	8.59E-03	2.99E-03	1.19E-05	1.04E-02	1.34E-02
5938	484831.39, 3857940.47	0.19342	0.12615	0.17591	2.97E-03	9.18E-06	4.72E-03	0.007695	3.03E-03	9.04E-06	5.25E-03	8.29E-03	2.88E-03	1.15E-05	1.01E-02	1.30E-02
5939	484738.12, 3857859.3	0.19588	0.1242	0.17812	3.01E-03	9.04E-06	4.78E-03	0.007792	3.07E-03	8.90E-06	5.31E-03	8.39E-03	2.92E-03	1.13E-05	1.02E-02	1.31E-02
5940	484737.85, 3857778.4	0.20678	0.12787	0.18776	3.17E-03	9.31E-06	5.04E-03	0.008218	3.24E-03	9.16E-06	5.60E-03	8.85E-03	3.08E-03	1.16E-05	1.08E-02	1.38E-02
5941	484737.59, 3857697.49	0.21817	0.13169	0.19776	3.35E-03	9.59E-06	5.30E-03	0.008661	3.42E-03	9.44E-06	5.90E-03	9.33E-03	3.25E-03	1.20E-05	1.13E-02	1.46E-02
5942	484737.32, 3857616.59	0.2299	0.13528	0.2079	3.53E-03	9.85E-06	5.58E-03	0.009114	3.60E-03	9.69E-06	6.20E-03	9.82E-03	3.42E-03	1.23E-05	1.19E-02	1.53E-02
5943	484645.53, 3857535.18	0.23282	0.13529	0.21056	3.57E-03	9.85E-06	5.65E-03	0.00923	3.65E-03	9.69E-06	6.28E-03	9.94E-03	3.47E-03	1.23E-05	1.21E-02	1.55E-02
5944	484553.99, 3857534.67	0.22272	0.13112	0.20188	3.42E-03	9.54E-06	5.41E-03	0.008842	3.49E-03	9.40E-06	6.02E-03	9.52E-03	3.32E-03	1.19E-05	1.16E-02	1.49E-02
5945	484462.46, 3857534.17	0.21409	0.12722	0.19461	3.29E-03	9.26E-06	5.22E-03	0.008514	3.36E-03	9.12E-06	5.81E-03	9.17E-03	3.19E-03	1.16E-05	1.11E-02	1.43E-02
5946	484370.93, 3857533.66	0.2057	0.12304	0.18751	3.16E-03	8.96E-06	5.03E-03	0.008195	3.23E-03	8.82E-06	5.59E-03	8.83E-03	3.06E-03	1.12E-05	1.07E-02	1.38E-02
5947	484279.4, 3857533.16	0.198	0.11907	0.18103	3.04E-03	8.67E-06	4.86E-03	0.007902	3.10E-03	8.53E-06	5.40E-03	8.51E-03	2.95E-03	1.08E-05	1.04E-02	1.33E-02
5948	484187.86, 3857532.65	0.19049	0.11537	0.17464	2.92E-03	8.40E-06	4.68E-03	0.007615	2.99E-03	8.27E-06	5.21E-03	8.20E-03	2.84E-03	1.05E-05	1.00E-02	1.29E-02
5949	484096.33, 3857532.15	0.18388	0.11259	0.16907	2.82E-03	8.20E-06	4.53E-03	0.007364	2.88E-03	8.07E-06	5.04E-03	7.93E-03	2.74E-03	1.02E-05	9.69E-03	1.24E-02
5950	484004.8, 3857531.64	0.17704	0.11022	0.16312	2.72E-03	8.02E-06	4.37E-03	0.0071	2.78E-03	7.90E-06	4.87E-03	7.65E-03	2.64E-03	1.00E-05	9.34E-03	1.20E-02
5951	483913.27, 3857531.14	0.17003	0.1082	0.15687	2.61E-03	7.88E-06	4.21E-03	0.006824	2.67E-03	7.75E-06	4.68E-03	7.35E-03	2.53E-03	9.84E-06	8.99E-03	1.15E-02
5952	483821.73, 3857530.63	0.16397	0.10703	0.15152	2.52E-03	7.79E-06	4.06E-03	0.006588	2.57E-03	7.67E-06	4.52E-03	7.10E-03	2.44E-03	9.74E-06	8.68E-03	1.11E-02
5953	483729.61, 3857450.11	0.16451	0.11043	0.15222	2.52E-03	8.04E-06	4.08E-03	0.006615	2.58E-03	7.91E-06	4.54E-03	7.13E-03	2.45E-03	1.00E-05	8.72E-03	1.12E-02
5954	483729.03, 3857370.08	0.17195	0.11548	0.15918	2.64E-03	8.41E-06	4.27E-03	0.006916	2.70E-03	8.27E-06	4.75E-03	7.45E-03	2.56E-03	1.05E-05	9.12E-03	1.17E-02
5955	483728.44, 3857290.06	0.17904	0.1204	0.1657	2.75E-03	8.76E-06	4.44E-03	0.0072	2.81E-03	8.63E-06	4.94E-03	7.76E-03	2.67E-03	1.10E-05	9.49E-03	1.22E-02
5956	483727.86, 3857210.03	0.18627	0.1255	0.1723	2.86E-03	9.14E-06	4.62E-03	0.007489	2.92E-03	8.99E-06	5.14E-03	8.07E-03	2.77E-03	1.14E-05	9.87E-03	1.27E-02
5957	483641.15, 3857129.07	0.18717	0.13148	0.17348	2.87E-03	9.57E-06	4.65E-03	0.007535	2.93E-03	9.42E-06	5.18E-03	8.12E-03	2.79E-03	1.20E-05	9.94E-03	1.27E-02
5958	483555.03, 3857128.14	0.1803	0.13168	0.16747	2.77E-03	9.59E-06	4.49E-03	0.007268	2.83E-03	9.44E-06	5.00E-03	7.83E-03	2.69E-03	1.20E-05	9.59E-03	1.23E-02
5959	483468.91, 3857127.2	0.17278	0.13095	0.16071	2.65E-03	9.53E-06	4.31E-03	0.006971	2.71E-03	9.38E-06	4.79E-03	7.51E-03	2.57E-03	1.19E-05	9.21E-03	1.18E-02
5960	483382.78, 3857126.26	0.16721	0.13084	0.15601	2.57E-03	9.52E-06	4.18E-03	0.00676	2.62E-03	9.37E-06	4.65E-03	7.29E-03	2.49E-03	1.19E-05	8.94E-03	1.14E-02
5961	483296.66, 3857125.32	0.16125	0.12992	0.15085	2.47E-03	9.46E-06	4.05E-03	0.00653	2.53E-03	9.31E-06	4.50E-03	7.04E-03	2.40E-03	1.18E-05	8.64E-03	1.11E-02
5962	483210.54, 3857124.39	0.1553	0.12869	0.14567	2.38E-03	9.37E-06	3.91E-03	0.006299	2.43E-03	9.22E-06	4.35E-03	6.79E-03	2.31E-03	1.17E-05	8.34E-03	1.07E-02
5963	483123.4, 3857030.96	0.15581	0.13536	0.14665	2.39E-03	9.85E-06	3.93E-03	0.006334	2.44E-03	9.70E-06	4.37E-03	6.83E-03	2.32E-03	1.23E-05	8.40E-03	1.07E-02
5964	483122.38, 3856938.46	0.16254	0.14453	0.15315	2.49E-03	1.05E-05	4.11E-03	0.006612	2.55E-03	1.04E-05	4.57E-03	7.13E-03	2.42E-03	1.31E-05	8.77E-03	1.12E-02
5965	483121.35, 3856845.97	0.16955	0.15487	0.15996	2.60E-03	1.13E-05	4.29E-03	0.006903	2.66E-03	1.11E-05	4.77E-03	7.44E-03	2.53E-03	1.41E-05	9.16E-03	1.17E-02
5966	483120.33, 3856753.47	0.17565	0.16525	0.16575	2.70E-03	1.20E-05	4.45E-03	0.007153	2.75E-03	1.18E-05	4.94E-03	7.71E-03	2.62E-03	1.50E-05	9.49E-03	1.21E-02
5967	483119.31, 3856660.98	0.18199	0.1765	0.1718	2.79E-03	1.28E-05	4.61E-03	0.007413	2.85E-03	1.26E-05	5.13E-03	7.99E-03	2.71E-03	1.61E-05	9.84E-03	1.26E-02
5968	483118.29, 3856568.49	0.18926	0.1893	0.17884	2.90E-03	1.38E-05	4.80E-03	0.007715	2.97E-03	1.36E-05	5.34E-03	8.32E-03	2.82E-03	1.72E-05	1.02E-02	1.31E-02
5969	483117.26, 3856475.99	0.19727	0.20383	0.18668	3.03E-03	1.48E-05	5.01E-03	0.008049	3.09E-03	1.46E-05	5.57E-03	8.68E-03	2.94E-03	1.85E-05	1.07E-02	1.37E-02
5970	483116.24, 3856383.5	0.20519	0.21959	0.19442	3.15E-03	1.60E-05	5.21E-03	0.008379	3.22E-03	1.57E-05	5.80E-03	9.03E-03	3.06E-03	2.00E-05	1.11E-02	1.42E-02
5971	483115.22, 3856291.01	0.21375	0.23753	0.20284	3.28E-03	1.73E-05	5.44E-03	0.008738	3.35E-03	1.70E-05	6.05E-03	9.42E-03	3.18E-03	2.16E-05	1.16E-02	1.48E-02
5972	483114.2, 3856198.51	0.22205	0.2567	0.21094	3.41E-03	1.87E-05	5.66E-03	0.009084	3.48E-03	1.84E-05	6.29E-03	9.79E-03	3.31E-03	2.33E-05	1.21E-02	1.54E-02
5973	483113.17, 3856106.02	0.2331	0.28113	0.22207	3.58E-03	2.05E-05	5.96E-03	0.009553	3.65E-03	2.01E-05	6.62E-03	1.03E-02	3.47E-03	2.56E-05	1.27E-02	1.62E-02
5974	483112.15, 3856013.52	0.24352	0.30728	0.23238	3.74E-03	2.24E-05	6.23E-03	0.009992	3.82E-03	2.20E-05	6.93E-03	1.08E-02	3.63E-03	2.80E-05	1.33E-02	1.70E-02

5975	483029.25, 3855920.47	0.24232	0.32424	0.23323	3.72E-03	2.36E-05	6.26E-03	0.009997	3.80E-03	2.32E-05	6.96E-03	1.08E-02	3.61E-03	2.95E-05	1.34E-02	1.70E-02
5976	482947.37, 3855919.91	0.22938	0.30896	0.22203	3.52E-03	2.25E-05	5.95E-03	0.009497	3.60E-03	2.21E-05	6.62E-03	1.02E-02	3.42E-03	2.81E-05	1.27E-02	1.62E-02
5977	482865.49, 3855919.36	0.21703	0.29429	0.21107	3.33E-03	2.14E-05	5.66E-03	0.009013	3.40E-03	2.11E-05	6.30E-03	9.72E-03	3.23E-03	2.68E-05	1.21E-02	1.54E-02
5978	482783.61, 3855918.8	0.20656	0.28231	0.20187	3.17E-03	2.05E-05	5.41E-03	0.008605	3.24E-03	2.02E-05	6.02E-03	9.28E-03	3.08E-03	2.57E-05	1.16E-02	1.47E-02
5979	482700.33, 3855818.39	0.20362	0.29897	0.20066	3.12E-03	2.18E-05	5.38E-03	0.008528	3.19E-03	2.14E-05	5.99E-03	9.20E-03	3.03E-03	2.72E-05	1.15E-02	1.46E-02
5980	482698.92, 3855718.54	0.21253	0.3318	0.21065	3.26E-03	2.42E-05	5.65E-03	0.008935	3.33E-03	2.38E-05	6.28E-03	9.64E-03	3.17E-03	3.02E-05	1.21E-02	1.53E-02
5981	482697.52, 3855618.68	0.22089	0.36335	0.22027	3.39E-03	2.64E-05	5.91E-03	0.009324	3.46E-03	2.60E-05	6.57E-03	1.01E-02	3.29E-03	3.31E-05	1.26E-02	1.59E-02
5982	482696.11, 3855518.83	0.23136	0.3986	0.23269	3.55E-03	2.90E-05	6.24E-03	0.00982	3.63E-03	2.86E-05	6.94E-03	1.06E-02	3.45E-03	3.63E-05	1.33E-02	1.68E-02
5983	482694.71, 3855418.98	0.2406	0.43141	0.24417	3.69E-03	3.14E-05	6.55E-03	0.010272	3.77E-03	3.09E-05	7.28E-03	1.11E-02	3.58E-03	3.92E-05	1.40E-02	1.76E-02
5984	482693.3, 3855319.13	0.25038	0.46525	0.25701	3.84E-03	3.39E-05	6.89E-03	0.010769	3.93E-03	3.33E-05	7.67E-03	1.16E-02	3.73E-03	4.23E-05	1.47E-02	1.85E-02
5985	482691.9, 3855219.27	0.26217	0.50204	0.27305	4.02E-03	3.65E-05	7.32E-03	0.011383	4.11E-03	3.60E-05	8.15E-03	1.23E-02	3.91E-03	4.57E-05	1.56E-02	1.96E-02
5986	482690.49, 3855119.42	0.27325	0.53302	0.28884	4.19E-03	3.88E-05	7.75E-03	0.011979	4.28E-03	3.82E-05	8.62E-03	1.29E-02	4.07E-03	4.85E-05	1.65E-02	2.07E-02
5987	482689.09, 3855019.57	0.28912	0.56651	0.31236	4.44E-03	4.12E-05	8.38E-03	0.012855	4.53E-03	4.06E-05	9.32E-03	1.39E-02	4.31E-03	5.15E-05	1.79E-02	2.23E-02
5988	482687.68, 3854919.72	0.30135	0.57614	0.33399	4.62E-03	4.19E-05	8.96E-03	0.013624	4.72E-03	4.13E-05	9.96E-03	1.47E-02	4.49E-03	5.24E-05	1.91E-02	2.37E-02
5989	482686.28, 3854819.86	0.31707	0.57844	0.36146	4.87E-03	4.21E-05	9.69E-03	0.014602	4.97E-03	4.14E-05	1.08E-02	1.58E-02	4.72E-03	5.26E-05	2.07E-02	2.55E-02
5990	482684.88, 3854720.01	0.32763	0.55718	0.38361	5.03E-03	4.06E-05	1.03E-02	0.015357	5.14E-03	3.99E-05	1.14E-02	1.66E-02	4.88E-03	5.07E-05	2.20E-02	2.69E-02
5991	482683.47, 3854620.16	0.34159	0.51579	0.41124	5.24E-03	3.75E-05	1.10E-02	0.016309	5.36E-03	3.70E-05	1.23E-02	1.77E-02	5.09E-03	4.69E-05	2.36E-02	2.87E-02
5992	482682.07, 3854520.31	0.34314	0.44774	0.42433	5.27E-03	3.26E-05	1.14E-02	0.016679	5.38E-03	3.21E-05	1.27E-02	1.81E-02	5.11E-03	4.07E-05	2.43E-02	2.95E-02
5993	482680.66, 3854420.45	0.33175	0.37875	0.42325	5.09E-03	2.76E-05	1.14E-02	0.01647	5.20E-03	2.71E-05	1.26E-02	1.79E-02	4.94E-03	3.45E-05	2.42E-02	2.92E-02
5994	482679.26, 3854320.6	0.31034	0.32405	0.40962	4.76E-03	2.36E-05	1.10E-02	0.015772	4.87E-03	2.32E-05	1.22E-02	1.71E-02	4.62E-03	2.95E-05	2.35E-02	2.81E-02
5995	482677.85, 3854220.75	0.30397	0.27928	0.39539	4.66E-03	2.03E-05	1.06E-02	0.015289	4.77E-03	2.00E-05	1.18E-02	1.66E-02	4.53E-03	2.54E-05	2.26E-02	2.72E-02
5996	482676.45, 3854120.9	0.27812	0.24583	0.35374	4.27E-03	1.79E-05	9.49E-03	0.013773	4.36E-03	1.76E-05	1.06E-02	1.49E-02	4.14E-03	2.24E-05	2.03E-02	2.44E-02
5997	482675.04, 3854021.04	0.25918	0.21965	0.31044	3.98E-03	1.60E-05	8.33E-03	0.012319	4.06E-03	1.57E-05	9.26E-03	1.33E-02	3.86E-03	2.00E-05	1.78E-02	2.17E-02
5998	482673.64, 3853921.19	0.24168	0.19719	0.26154	3.71E-03	1.44E-05	7.01E-03	0.010738	3.79E-03	1.41E-05	7.80E-03	1.16E-02	3.60E-03	1.79E-05	1.50E-02	1.86E-02
5999	482672.23, 3853821.34	0.23185	0.17713	0.21569	3.56E-03	1.29E-05	5.78E-03	0.009356	3.64E-03	1.27E-05	6.43E-03	1.01E-02	3.45E-03	1.61E-05	1.24E-02	1.58E-02
6000	482670.83, 3853721.49	0.22088	0.15721	0.16627	3.39E-03	1.14E-05	4.46E-03	0.00786	3.46E-03	1.13E-05	4.96E-03	8.43E-03	3.29E-03	1.43E-05	9.52E-03	1.28E-02
6001	482669.42, 3853621.63	0.20355	0.13806	0.12467	3.12E-03	1.00E-05	3.34E-03	0.006477	3.19E-03	9.89E-06	3.72E-03	6.92E-03	3.03E-03	1.26E-05	7.14E-03	1.02E-02
6002	482645.99, 3853446.13	0.13687	0.11047	0.08811	2.10E-03	8.04E-06	2.36E-03	0.004471	2.15E-03	7.92E-06	2.63E-03	4.78E-03	2.04E-03	1.00E-05	5.05E-03	7.10E-03
6003	482623.97, 3853370.49	0.10847	0.10121	0.07939	1.66E-03	7.37E-06	2.13E-03	0.003801	1.70E-03	7.25E-06	2.37E-03	4.08E-03	1.62E-03	9.21E-06	4.55E-03	6.17E-03
6004	482601.94, 3853294.84	0.09204	0.09321	0.07252	1.41E-03	6.78E-06	1.95E-03	0.003364	1.44E-03	6.68E-06	2.16E-03	3.61E-03	1.37E-03	8.48E-06	4.15E-03	5.53E-03
6005	482531.29, 3853133.44	0.07284	0.07985	0.06182	1.12E-03	5.81E-06	1.66E-03	0.002782	1.14E-03	5.72E-06	1.84E-03	2.99E-03	1.09E-03	7.26E-06	3.54E-03	4.63E-03
6006	482482.68, 3853047.69	0.06657	0.07426	0.05758	1.02E-03	5.41E-06	1.54E-03	0.002571	1.04E-03	5.32E-06	1.72E-03	2.77E-03	9.92E-04	6.75E-06	3.30E-03	4.30E-03
6007	482383.09, 3852897.4	0.05829	0.06594	0.0514	8.94E-04	4.80E-06	1.38E-03	0.002278	9.14E-04	4.72E-06	1.53E-03	2.45E-03	8.68E-04	6.00E-06	2.94E-03	3.82E-03
6008	482265.64, 3852765.26	0.05305	0.06013	0.04738	8.14E-04	4.38E-06	1.27E-03	0.002089	8.32E-04	4.31E-06	1.41E-03	2.25E-03	7.90E-04	5.47E-06	2.71E-03	3.51E-03
6009	482199.16, 3852697.66	0.05082	0.05751	0.04564	7.80E-04	4.19E-06	1.22E-03	0.002008	7.97E-04	4.12E-06	1.36E-03	2.16E-03	7.57E-04	5.23E-06	2.61E-03	3.38E-03
6010	482132.69, 3852630.07	0.04876	0.05507	0.04401	7.48E-04	4.01E-06	1.18E-03	0.001933	7.65E-04	3.95E-06	1.31E-03	2.08E-03	7.26E-04	5.01E-06	2.52E-03	3.25E-03
6011	482066.21, 3852562.48	0.04686	0.05279	0.04246	7.19E-04	3.84E-06	1.14E-03	0.001862	7.35E-04	3.78E-06	1.27E-03	2.01E-03	6.98E-04	4.80E-06	2.43E-03	3.14E-03
6012	481999.74, 3852494.89	0.04511	0.05068	0.04098	6.92E-04	3.69E-06	1.10E-03	0.001795	7.07E-04	3.63E-06	1.22E-03	1.93E-03	6.72E-04	4.61E-06	2.35E-03	3.02E-03
6013	481933.26, 3852427.29	0.04347	0.04871	0.03957	6.67E-04	3.55E-06	1.06E-03	0.001732	6.82E-04	3.49E-06	1.18E-03	1.87E-03	6.48E-04	4.43E-06	2.27E-03	2.92E-03
6014	481866.79, 3852359.7	0.0419	0.04686	0.03826	6.43E-04	3.41E-06	1.03E-03	0.001673	6.57E-04	3.36E-06	1.14E-03	1.80E-03	6.24E-04	4.26E-06	2.19E-03	2.82E-03
6015	481800.31, 3852292.11	0.04041	0.04513	0.03698	6.20E-04	3.29E-06	9.92E-04	0.001615	6.34E-04	3.23E-06	1.10E-03	1.74E-03	6.02E-04	4.11E-06	2.12E-03	2.72E-03
6016	481733.84, 3852224.52	0.03902	0.04351	0.03578	5.99E-04	3.17E-06	9.60E-04	0.001562	6.12E-04	3.12E-06	1.07E-03	1.68E-03	5.81E-04	3.96E-06	2.05E-03	2.63E-03
6017	481667.36, 3852156.92	0.03762	0.04197	0.03463	5.77E-04	3.06E-06	9.29E-04	0.001509	5.90E-04	3.01E-06	1.03E-03	1.63E-03	5.60E-04	3.82E-06	1.98E-03	2.55E-03
6018	481600.89, 3852089.33	0.03645	0.04057	0.03357	5.59E-04	2.95E-06	9.00E-04	0.001463	5.72E-04	2.91E-06	1.00E-03	1.58E-03	5.43E-04	3.69E-06	1.92E-03	2.47E-03
6019	481534.41, 3852021.74	0.0354	0.03927	0.03258	5.43E-04	2.86E-06	8.74E-04	0.00142	5.55E-04	2.81E-06	9.72E-04	1.53E-03	5.27E-04	3.57E-06	1.87E-03	2.40E-03
6020	481467.94, 3851954.15	0.03436	0.03803	0.03163	5.27E-04	2.77E-06	8.48E-04	0.001378	5.39E-04	2.72E-06	9.44E-04	1.49E-03	5.12E-04	3.46E-06	1.81E-03	2.33E-03
6021	481401.46, 3851886.55	0.03331	0.03684	0.03072	5.11E-04	2.68E-06	8.24E-04	0.001338	5.22E-04	2.64E-06	9.16E-04	1.44E-03	4.96E-04	3.35E-06	1.76E-03	2.26E-03
6022	481265.87, 3851761.43	0.03166	0.03493	0.02922	4.86E-04	2.54E-06	7.84E-04	0.001272	4.96E-04	2.50E-06	8.72E-04	1.37E-03	4.72E-04	3.18E-06	1.67E-03	2.15E-03
6023	481196.74, 3851703.89	0.03093	0.03415	0.0286	4.75E-04	2.49E-06	7.67E-04	0.001244	4.85E-04	2.45E-06	8.53E-04	1.34E-03	4.61E-04	3.11E-06	1.64E-03	2.10E-03
6024	481076.33, 3851619.05	0.02998	0.03272	0.02781	4.60E-04	2.38E-06	7.46E-04	0.001208	4.70E-04	2.34E-06	8.30E-04	1.30E-03	4.47E-04	2.98E-06	1.59E-03	2.04E-03
6025	480939.8, 3851549.07	0.02921	0.03227	0.02729	4.48E-04	2.35E-06	7.32E-04	0.001183	4.58E-04	2.31E-06	8.14E-04	1.27E-03	4.35E-04	2.94E-06	1.56E-03	2.00E-03
6026	480854.56, 3851506.41	0.02877	0.03209	0.02698	4.41E-04	2.34E-06	7.24E-04	0.001167	4.51E-04	2.30E-06	8.05E-04	1.26E-03	4.29E-04	2.92E-06	1.55E-03	1.98E-03
6027	480769.32, 3851463.75	0.02829	0.0319	0.02677	4.34E-04	2.32E-06	7.18E-04	0.001154	4.44E-04	2.29E-06	7.99E-04	1.24E-03	4.21E-04	2.90E-06	1.53E-03	1.96E-03
6028	480684.08, 3851421.08	0.02781	0.03182	0.02649	4.27E-04	2.32E-06	7.10E-04	0.00114	4.36E-04	2.28E-06	7.90E-04	1.23E-03	4.14E-04	2.89E-06	1.52E-03	1.93E-03
6029	480598.84, 3851378.42	0.02738	0.03164	0.0262	4.20E-04	2.30E-06	7.03E-04	0.001125	4.29E-04	2.27E-06	7.82E-04	1.21E-03	4.08E-04	2.88E-06	1.50E-03	1.91E-03
6030	480435.71, 3851275.01	0.02625	0.03077	0.02536	4.03E-04	2.24E-06	6.80E-04	0.001085	4.12E-04	2.20E-06	7.57E-04	1.17E-03	3.91E-04	2.80E-06	1.45E-03	1.85E-03
6031	480347.85, 3851232.36	0.02577	0.03043	0.025	3.95E-04	2.22E-06	6.71E-04	0.001068	4.04E-04	2.18E-06	7.46E-04	1.15E-03	3.84E-04	2.77E-06	1.43E-03	1.82E-03
6032	480260, 3851189.72	0.02527	0.03	0.02461	3.88E-04	2.18E-06	6.60E-04	0.00105	3.96E-04	2.15E-06	7.34E-04	1.13E-03	3.76E-04	2.73E-06	1.41E-03	1.79E-03
6033	480172.15, 3851147.07	0.02474	0.02948	0.02417	3.80E-04	2.15E-06	6.48E-04	0.00103	3.88E-04	2.11E-06	7.21E-04	1.11E-03	3.69E-04	2.68E-06	1.38E-03	1.76E-03
6034	480084.29, 3851104.42	0.02418	0.02885	0.02369	3.71E-04	2.10E-06	6.35E-04	0.001009	3.79E-04	2.07E-06	7.07E-04	1.09E-03	3.60E-04	2.62E-06	1.36E-03	1.72E-03
6035	479996.44, 3851061.77	0.02359	0.02813	0.02315	3.62E-04	2.05E-06	6.21E-04	0.000985	3.70E-04	2.02E-06	6.91E-04	1.06E-03	3.51E-04	2.56E-06	1.33E-03	1.68E-03
6036	479908.58, 3851019.13	0.02282	0.02719	0.02249	3.50E-04	1.98E-06	6.03E-04	0.000955	3.58E-04	1.95E-06	6.71E-04	1.03E-03	3.40E-04	2.47E-06	1.29E-03	1.63E-03
6037	479820.73, 3850976.48	0.0222	0.02633	0.02185	3.41E-04	1.92E-06	5.86E-04	0.000929	3.48E-04	1.89E-06	6.52E-04	1.00E-03	3.31E-04	2.40E-06	1.25E-03	1.58E-03
6038	479732.88, 3850933.83	0.02156	0.02542	0.02117	3.31E-04	1.85E-06	5.68E-04	0.0009	3.38E-04	1.82E-06	6.32E-04	9.71E-04	3.21E-04	2.31E-06	1.21E-03	1.54E-03
6039	479645.02, 3850891.18	0.02094	0.02451	0.02049	3.21E-04	1.78E-06	5.50E-04	0.000873	3.28E-04	1.76E-06	6.11E-04	9.41E-04	3.12E-04	2.23E-06	1.17E-03	1.49E-03
6040	479557.17, 3850848.54	0.02034	0.0236	0.01982	3.12E-04	1.72E-06	5.32E-04	0.000845	3.19E-04	1.69E-06	5.91E-04	9.12E-04	3.03E-04	2.15E-06	1.14E-03	1.44E-03
6041	479469.32, 3850805.89	0.01962	0.02257	0.01906	3.01E-04	1.64E-06	5.11E-04	0.000814	3.08E-04	1.62E-06	5.69E-04	8.78E-04	2.92E-04	2.05E-06	1.09E-03	1.39E-03
6042	479381.46, 3850763.24	0.01907	0.02169	0.01841	2.93E-04	1.58E-06	4.94E-04	0.000788	2.99E-04	1.55E-06	5.49E-04	8.50E-04	2.84E-04	1.97E-06	1.05E-03	1.34E-03
6043	479293.61, 3850720.59	0.01861	0.0209	0.01781	2.86E-04	1.52E-06	4.78E-04	0.000765	2.92E-04	1.50E-06	5.31E-04	8.25E-04	2.77E-04	1.90E-06	1.02E-03	1.30E-03
6044	479205.76, 3850677.95	0.01811	0.02008	0.01719	2.78E-04	1.46E-06	4.61E-04	0.00074	2.84E-04	1.44E-06	5.13E-04	7.98E-04	2.70E-04	1.83E-06	9.85E-04	1.26E-03
6045	479117.9, 3850635.3	0.01765	0.01931	0.0166	2.71E-04	1.41E-06	4.45E-04	0.000717	2.77E-04	1.38E-06	4.95E-04	7.73E-04	2.63E-04	1.76E-06	9.51E-04	1.22E-03
6046	479030.05, 3850592.65	0.01716	0.01854	0.01601	2.63E-04	1.35E-06	4.29E-04	0.000694	2.69E-04	1.33E-06	4.78E-04	7.48E-04	2.56E-04	1.69E-06	9.17E-04	1.17E-03
6047	478942.19, 3850550	0.01647	0.01763	0.01534	2.53E-04	1.28E-06	4.11E-04	0.000665	2.58E-04	1.26E-06	4.58E-04	7.17E-04	2.45E-04	1.60E-06	8.79E-04	1.13E-03
6048	478854.34, 3850507.36	0.01544	0.01647	0.01448	2.37E-04	1.20E-06	3.88E-04	0.000626	2.42E-04	1.18E-06	4.32E-04	6.75E-04	2.30E-04	1.50E-06	8.29E-04	1.06E-03
6049	478766.49, 3850464.71	0.01472	0.01561	0.01382	2.26E-04	1.14E-06	3.71E-04	0.000598	2.31E-04	1.12E-06	4.12E-04	6.44E-04	2.19E-04	1.42E-06	7.92E-04	1.01E-03
6050	478678.63, 3850422.06	0.01412	0.0149	0.01324	2.17E-04	1.08E-06	3.55E-04	0.000573	2.21E-04	1.07E-06	3.95E-04	6.17E-04	2.10E-04	1.36E-06	7.58E-04	9.70E-04
6051	478590.78, 3850379.41	0.01351	0.01421	0.01269	2.07E-04	1.03E-06	3.40E-04	0.000549	2.12E-04	1.02E-06	3.79E-04	5.91E-04	2.01E-04	1.29E-06	7.27E-04	9.29E-04
6052	478502.93, 3850336.77	0.01304	0.01366	0.01222	2.00E-04	9.94E-07	3.28E-04	0.000529	2.04E-04	9.79E-07	3.65E-04	5.70E-04	1.94E-04	1.24E-06	7.00E-04	8.96E-04
6053	478415.07, 3850294.12	0.01264	0.01321	0.01182	1.94E-04	9.62E-07	3.17E-04	0.000512	1.98E-04	9.47E-07	3.53E-04	5.52E-04	1.88E-04	1.20E-06	6.77E-04	8.67E-04
6054	478327.22, 3850251.47	0.01216	0.01271	0.01139	1.87E-04	9.25E-07	3.05E-04	0.000493	1.91E-04	9.11E-07	3.40E-04	5.31E-04	1.81E-04	1.16E-06	6.52E-04	8.35E-04
6055	478239.36, 3850208.82	0.01176	0.0123	0.01102	1.80E-04	8.95E-07	2.96E-04	0.000477	1.84E-04	8.81E-07	3.29E-04	5.14E-04	1.75E-04	1.12E-06	6.31E-04	8.08E-04
6056	478151.51, 3850166.18	0.01143	0.01196	0.01071	1.75E-04	8.71E-07	2.87E-04	0.000464	1.79E-04	8.57E-07	3.20E-04	5.00E-04	1.70E-04	1.09E-06	6.14E-04	7.85E-04
6057	478063.66, 3850123.53	0.01113	0.01167	0.01043	1.71E-04	8.49E-07	2.80E-04	0.000451	1.75E-04	8.36E-07	3.11E-04	4.86E-04	1.66E-04	1.06E-06	5.97E-04	7.64E-04
6058	477975.8, 3850080.88	0.01126	0.01176	0.01045	1.73E-04	8.56E-07	2.80E-04	0.000454	1.77E-04	8.43E-07	3.12E-04	4.89E-04	1.68E-04	1.07E-06	5.99E-04	7.67E-04
6059	477887.95, 3850038.23	0.01113	0.01162	0.0103	1.71E-04	8.46E-07	2.76E-04	0.000448	1.75E-04	8.33E-07	3.07E-04	4.83E-04	1.66E-04	1.06E-06	5.90E-04	7.57E-04
6060	477800.1, 3849995.59	0.01108	0.01153	0.01019	1.70E-04	8.39E-07	2.73E-04	0.000444	1.74E-04	8.26E-07	3.04E-04	4.79E-04	1.65E-04	1.05E-06	5.84E-04	7.50E-04
6061	477712.24, 3849952.94	0.01092	0.01139	0.01003	1.68E-04	8.29E-07	2.69E-04	0.000437	1.71E-04	8.16E-07	2.99E-04	4.71E-04	1.63E-04	1.04E-06	5.75E-04	7.38E-04
6062	477624.39, 3849910.29	0.01078	0.01125	0.00989	1.65E-04	8.19E-07	2.65E-04	0.000431	1.69E-04	8.06E-07	2.95E-04	4.65E-04	1.61E-04	1.02E-06	5.67E-04	7.28E-04
6063	477536.54, 3849867.64	0.01067	0.01115	0.00978	1.64E-04	8.12E-07	2.62E-04	0.000427	1.67E-04	7.99E-07	2.92E-04	4.60E-04	1.59E-04	1.01E-06	5.60E-04	7.20E-04
6064	477448.68, 3849825	0.01051	0.01102	0.00964	1.61E-04	8.02E-07	2.59E-04	0.000421	1.65E-04	7.90E-07	2.88E-04	4.53E-04	1.57E-04	1.00E-06	5.52E-04	7.10E-04
6065	477360.83, 3849782.35	0.01037	0.01091	0.00953	1.59E-04	7.94E-07	2.56E-04	0.000416	1.63E-04	7.82E-07	2.84E-04	4.48E-04	1.54E-04	9.92E-07	5.46E-04	7.01E-04
6066	477272.97, 3849739.7	0.01023	0.0108	0.00942	1.57E-04	7.86E-07	2.53E-04	0.00041	1.60E-04	7.74E-07	2.81E-04	4.42E-04	1.52E-04	9.82E-07	5.40E-04	6.93E-04
6067	477185.12, 3849697.05	0.01014	0.01071	0.00933	1.56E-04	7.80E-07	2.50E-04	0.000407	1.59E-04	7.67E-07	2.78E-04	4.38E-04	1.51E-04	9.74E-07	5.34E-04	6.86E-04
6068	477097.27, 3849654.41	0.00999	0.0106	0.00923	1.53E-04	7.72E-07	2.48E-04	0.000402	1.57E-04	7.60E-07	2.75E-04	4.33E-04	1.49E-04	9.64E-07	5.29E-04	6.79E-04
6069	477009.41, 3849611.76	0.00975	0.01044	0.00908	1.50E-04	7.60E-07	2.44E-04	0.000394	1.53E-04	7.48E-07	2.71E-04	4.24E-04	1.45E-04	9.50E-07	5.20E-04	6.66E-04
6070	476841.49, 3849530.08	0.00952	0.01024	0.00891	1.46E-04	7.45E-07	2.39E-04	0.000386	1.49E-04	7.34E-07	2.66E-04	4.16E-04	1.42E-04	9.31E-07	5.10E-04	6.53E-04
6071	476761.41, 3849491.05	0.00946	0.01017	0.00885	1.45E-04	7.40E-07	2.37E-04	0.000383	1.48E-04	7.29E-07	2.64E-04	4.13E-04	1.41E-04	9.25E-07	5.07E-04	6.49E-04
6072	476681.34, 3849452.02	0.00935	0.01007	0.00877	1.43E-04	7.33E-07	2.35E-04	0.000379	1.47E-04	7.22E-07	2.62E-04	4.09E-04	1.39E-04	9.16E-07	5.02E-04	6.43E-04

6073	476601.26, 3849412.99	0.00921	0.00995	0.00867	1.41E-04	7.24E-07	2.33E-04	0.000375	1.44E-04	7.13E-07	2.59E-04	4.04E-04	1.37E-04	9.05E-07	4.97E-04	6.35E-04
6074	476456.32, 3849353.67	0.00895	0.0097	0.00848	1.37E-04	7.06E-07	2.27E-04	0.000365	1.40E-04	6.95E-07	2.53E-04	3.94E-04	1.33E-04	8.82E-07	4.86E-04	6.20E-04
6075	476305.43, 3849318.84	0.00904	0.00977	0.00855	1.39E-04	7.11E-07	2.29E-04	0.000369	1.42E-04	7.00E-07	2.55E-04	3.98E-04	1.35E-04	8.89E-07	4.90E-04	6.25E-04
6076	476129.36, 3849289.99	0.00907	0.00978	0.00859	1.39E-04	7.12E-07	2.30E-04	0.00037	1.42E-04	7.01E-07	2.56E-04	3.99E-04	1.35E-04	8.90E-07	4.92E-04	6.28E-04
6077	476039.31, 3849275.68	0.00909	0.00979	0.00861	1.39E-04	7.13E-07	2.31E-04	0.000371	1.43E-04	7.01E-07	2.57E-04	4.00E-04	1.35E-04	8.91E-07	4.93E-04	6.30E-04
6078	475949.26, 3849261.38	0.00897	0.00967	0.00853	1.38E-04	7.04E-07	2.29E-04	0.000367	1.41E-04	6.93E-07	2.54E-04	3.96E-04	1.34E-04	8.80E-07	4.89E-04	6.23E-04
6079	475859.21, 3849247.08	0.00895	0.00965	0.00852	1.37E-04	7.02E-07	2.29E-04	0.000367	1.40E-04	6.91E-07	2.54E-04	3.95E-04	1.33E-04	8.78E-07	4.88E-04	6.22E-04
6080	475769.16, 3849232.77	0.00889	0.00958	0.00849	1.36E-04	6.97E-07	2.28E-04	0.000365	1.39E-04	6.86E-07	2.53E-04	3.93E-04	1.32E-04	8.71E-07	4.86E-04	6.20E-04
6081	475585.23, 3849219.27	0.00773	0.00829	0.00751	1.19E-04	6.03E-07	2.01E-04	0.000321	1.21E-04	5.94E-07	2.24E-04	3.46E-04	1.15E-04	7.54E-07	4.30E-04	5.46E-04
6082	475444.5, 3849150.35	0.00831	0.00895	0.00802	1.28E-04	6.51E-07	2.15E-04	0.000343	1.30E-04	6.41E-07	2.39E-04	3.70E-04	1.24E-04	8.14E-07	4.59E-04	5.84E-04
6083	475334.18, 3849118.71	0.0084	0.00906	0.0081	1.29E-04	6.59E-07	2.17E-04	0.000347	1.32E-04	6.49E-07	2.42E-04	3.74E-04	1.25E-04	8.24E-07	4.64E-04	5.90E-04
6084	475230.47, 3849060.57	0.0083	0.00893	0.008	1.27E-04	6.50E-07	2.15E-04	0.000343	1.30E-04	6.40E-07	2.39E-04	3.69E-04	1.24E-04	8.12E-07	4.58E-04	5.83E-04
6085	475110.86, 3848960.97	0.00808	0.00868	0.00779	1.24E-04	6.32E-07	2.09E-04	0.000334	1.27E-04	6.22E-07	2.32E-04	3.60E-04	1.20E-04	7.90E-07	4.46E-04	5.67E-04
6086	475037.79, 3848896.28	0.00788	0.00845	0.0076	1.21E-04	6.15E-07	2.04E-04	0.000325	1.24E-04	6.05E-07	2.27E-04	3.51E-04	1.17E-04	7.69E-07	4.35E-04	5.54E-04
6087	474964.72, 3848831.59	0.00769	0.00823	0.00743	1.18E-04	5.99E-07	1.99E-04	0.000318	1.21E-04	5.90E-07	2.22E-04	3.43E-04	1.15E-04	7.49E-07	4.26E-04	5.41E-04
6088	474891.65, 3848766.9	0.00757	0.0081	0.00731	1.16E-04	5.90E-07	1.96E-04	0.000313	1.19E-04	5.80E-07	2.18E-04	3.37E-04	1.13E-04	7.37E-07	4.19E-04	5.32E-04
6089	474818.58, 3848702.22	0.00749	0.008	0.00722	1.15E-04	5.82E-07	1.94E-04	0.000309	1.17E-04	5.73E-07	2.15E-04	3.33E-04	1.12E-04	7.28E-07	4.14E-04	5.26E-04
6090	474745.51, 3848637.53	0.00755	0.00806	0.00726	1.16E-04	5.87E-07	1.95E-04	0.000311	1.18E-04	5.78E-07	2.17E-04	3.36E-04	1.12E-04	7.33E-07	4.16E-04	5.29E-04
6091	474672.44, 3848572.84	0.00751	0.008	0.00721	1.15E-04	5.82E-07	1.93E-04	0.000309	1.18E-04	5.73E-07	2.15E-04	3.33E-04	1.12E-04	7.28E-07	4.13E-04	5.26E-04
6092	474599.37, 3848508.15	0.00735	0.00782	0.00706	1.13E-04	5.69E-07	1.89E-04	0.000303	1.15E-04	5.60E-07	2.11E-04	3.26E-04	1.09E-04	7.11E-07	4.04E-04	5.15E-04
6093	474526.3, 3848443.46	0.00725	0.00771	0.00696	1.11E-04	5.61E-07	1.87E-04	0.000298	1.14E-04	5.52E-07	2.08E-04	3.22E-04	1.08E-04	7.01E-07	3.99E-04	5.07E-04

Block Swap Yard

			2028	2033	2048	Residential Dose							Risk by Age Group							
Rec#	X	Y	Conc	Conc	Conc	3rd	0<2	2<9 (2028)	2<9 (2033)	9<16	16<70(2033)	16<70(2048)	3rd	0<2	2<9 (2028)	2<9 (2033)	9<16	16<70(2033)	16<70(2048)	Total Risk
1	485973.61	3854936.51	1.17E-02	1.26E-02	1.98E-02	4.05E-06	1.22E-05	7.08E-06	7.63E-06	6.92E-06	3.16E-06	4.97E-06	1.35E-07	3.27E-06	7.21E-07	1.04E-06	1.64E-06	2.90E-07	2.61E-06	9.70E-06
2	486023.61	3854936.51	1.14E-02	1.23E-02	1.93E-02	3.93E-06	1.19E-05	6.88E-06	7.41E-06	6.72E-06	3.07E-06	4.82E-06	1.31E-07	3.17E-06	7.00E-07	1.01E-06	1.60E-06	2.81E-07	2.53E-06	9.42E-06
3	486073.61	3854936.51	1.11E-02	1.20E-02	1.89E-02	3.85E-06	1.16E-05	6.73E-06	7.26E-06	6.58E-06	3.00E-06	4.72E-06	1.29E-07	3.11E-06	6.85E-07	9.85E-07	1.56E-06	2.75E-07	2.48E-06	9.22E-06
4	486123.61	3854936.51	1.07E-02	1.15E-02	1.81E-02	3.70E-06	1.12E-05	6.46E-06	6.97E-06	6.32E-06	2.88E-06	4.54E-06	1.23E-07	2.98E-06	6.58E-07	9.46E-07	1.50E-06	2.64E-07	2.38E-06	8.86E-06
5	486173.61	3854936.51	1.06E-02	1.14E-02	1.80E-02	3.66E-06	1.11E-05	6.40E-06	6.90E-06	6.25E-06	2.85E-06	4.49E-06	1.22E-07	2.95E-06	6.52E-07	9.37E-07	1.49E-06	2.62E-07	2.36E-06	8.77E-06
6	486223.61	3854936.51	1.03E-02	1.11E-02	1.75E-02	3.56E-06	1.08E-05	6.23E-06	6.71E-06	6.08E-06	2.78E-06	4.37E-06	1.19E-07	2.87E-06	6.34E-07	9.11E-07	1.45E-06	2.55E-07	2.29E-06	8.53E-06
7	486273.61	3854936.51	1.01E-02	1.09E-02	1.71E-02	3.49E-06	1.05E-05	6.09E-06	6.57E-06	5.95E-06	2.72E-06	4.28E-06	1.16E-07	2.81E-06	6.20E-07	8.92E-07	1.41E-06	2.49E-07	2.25E-06	8.35E-06
8	486323.61	3854936.51	9.88E-03	1.06E-02	1.68E-02	3.42E-06	1.03E-05	5.98E-06	6.44E-06	5.84E-06	2.66E-06	4.20E-06	1.14E-07	2.76E-06	6.08E-07	8.75E-07	1.39E-06	2.45E-07	2.20E-06	8.19E-06
9	485973.61	3854986.51	1.25E-02	1.35E-02	2.12E-02	4.32E-06	1.31E-05	7.55E-06	8.14E-06	7.38E-06	3.37E-06	5.29E-06	1.44E-07	3.49E-06	7.69E-07	1.11E-06	1.75E-06	3.09E-07	2.78E-06	1.03E-05
10	486023.61	3854986.51	1.22E-02	1.31E-02	2.06E-02	4.21E-06	1.27E-05	7.36E-06	7.93E-06	7.19E-06	3.28E-06	5.16E-06	1.41E-07	3.40E-06	7.49E-07	1.08E-06	1.71E-06	3.01E-07	2.71E-06	1.01E-05
11	486073.61	3854986.51	1.18E-02	1.27E-02	2.00E-02	4.08E-06	1.23E-05	7.14E-06	7.69E-06	6.97E-06	3.18E-06	5.00E-06	1.36E-07	3.29E-06	7.27E-07	1.04E-06	1.66E-06	2.92E-07	2.63E-06	9.78E-06
12	486123.61	3854986.51	1.15E-02	1.23E-02	1.94E-02	3.96E-06	1.20E-05	6.93E-06	7.47E-06	6.77E-06	3.09E-06	4.86E-06	1.32E-07	3.20E-06	7.06E-07	1.01E-06	1.61E-06	2.84E-07	2.55E-06	9.49E-06
13	486173.61	3854986.51	1.12E-02	1.21E-02	1.91E-02	3.89E-06	1.18E-05	6.81E-06	7.34E-06	6.65E-06	3.03E-06	4.77E-06	1.30E-07	3.14E-06	6.93E-07	9.96E-07	1.58E-06	2.78E-07	2.51E-06	9.32E-06
14	486223.61	3854986.51	1.09E-02	1.18E-02	1.85E-02	3.78E-06	1.14E-05	6.61E-06	7.12E-06	6.46E-06	2.95E-06	4.64E-06	1.26E-07	3.05E-06	6.73E-07	9.67E-07	1.53E-06	2.70E-07	2.43E-06	9.05E-06
15	486273.61	3854986.51	1.06E-02	1.14E-02	1.80E-02	3.66E-06	1.11E-05	6.40E-06	6.90E-06	6.25E-06	2.85E-06	4.49E-06	1.22E-07	2.95E-06	6.52E-07	9.37E-07	1.49E-06	2.62E-07	2.36E-06	8.77E-06
16	486323.61	3854986.51	1.05E-02	1.13E-02	1.78E-02	3.64E-06	1.10E-05	6.36E-06	6.86E-06	6.22E-06	2.84E-06	4.47E-06	1.22E-07	2.94E-06	6.48E-07	9.31E-07	1.48E-06	2.60E-07	2.34E-06	8.72E-06
17	485973.61	3855036.51	1.33E-02	1.44E-02	2.26E-02	4.62E-06	1.40E-05	8.08E-06	8.70E-06	7.89E-06	3.60E-06	5.66E-06	1.54E-07	3.73E-06	8.22E-07	1.18E-06	1.87E-06	3.30E-07	2.97E-06	1.11E-05
18	486023.61	3855036.51	1.30E-02	1.40E-02	2.19E-02	4.48E-06	1.35E-05	7.84E-06	8.45E-06	7.66E-06	3.49E-06	5.49E-06	1.50E-07	3.62E-06	7.98E-07	1.15E-06	1.82E-06	3.21E-07	2.88E-06	1.07E-05
19	486073.61	3855036.51	1.25E-02	1.35E-02	2.12E-02	4.32E-06	1.31E-05	7.56E-06	8.14E-06	7.38E-06	3.37E-06	5.29E-06	1.44E-07	3.49E-06	7.69E-07	1.11E-06	1.75E-06	3.09E-07	2.78E-06	1.03E-05
20	486123.61	3855036.51	1.21E-02	1.31E-02	2.06E-02	4.20E-06	1.27E-05	7.34E-06	7.91E-06	7.17E-06	3.27E-06	5.15E-06	1.40E-07	3.39E-06	7.48E-07	1.07E-06	1.70E-06	3.00E-07	2.70E-06	1.01E-05
21	486173.61	3855036.51	1.19E-02	1.28E-02	2.02E-02	4.12E-06	1.25E-05	7.21E-06	7.77E-06	7.04E-06	3.21E-06	5.06E-06	1.38E-07	3.33E-06	7.34E-07	1.06E-06	1.67E-06	2.95E-07	2.65E-06	9.88E-06
22	486223.61	3855036.51	1.15E-02	1.24E-02	1.95E-02	3.98E-06	1.20E-05	6.96E-06	7.51E-06	6.80E-06	3.10E-06	4.88E-06	1.33E-07	3.21E-06	7.09E-07	1.02E-06	1.62E-06	2.85E-07	2.56E-06	9.54E-06
23	486273.61	3855036.51	1.13E-02	1.22E-02	1.92E-02	3.93E-06	1.19E-05	6.86E-06	7.40E-06	6.71E-06	3.06E-06	4.82E-06	1.31E-07	3.17E-06	6.99E-07	1.00E-06	1.59E-06	2.81E-07	2.53E-06	9.40E-06
24	486323.61	3855036.51	1.10E-02	1.19E-02	1.87E-02	3.82E-06	1.15E-05	6.68E-06	7.20E-06	6.53E-06	2.98E-06	4.69E-06	1.28E-07	3.08E-06	6.81E-07	9.78E-07	1.55E-06	2.73E-07	2.46E-06	9.16E-06
25	485973.61	3855086.51	1.42E-02	1.53E-02	2.40E-02	4.91E-06	1.48E-05	8.59E-06	9.25E-06	8.39E-06	3.83E-06	6.01E-06	1.64E-07	3.96E-06	8.75E-07	1.26E-06	1.99E-06	3.51E-07	3.15E-06	1.18E-05
26	486023.61	3855086.51	1.38E-02	1.49E-02	2.34E-02	4.79E-06	1.45E-05	8.37E-06	9.02E-06	8.18E-06	3.73E-06	5.86E-06	1.60E-07	3.86E-06	8.52E-07	1.22E-06	1.94E-06	3.42E-07	3.07E-06	1.15E-05
27	486073.61	3855086.51	1.33E-02	1.43E-02	2.25E-02	4.61E-06	1.39E-05	8.05E-06	8.68E-06	7.86E-06	3.59E-06	5.64E-06	1.54E-07	3.71E-06	8.20E-07	1.18E-06	1.87E-06	3.29E-07	2.96E-06	1.10E-05
28	486123.61	3855086.51	1.30E-02	1.40E-02	2.20E-02	4.50E-06	1.36E-05	7.86E-06	8.47E-06	7.68E-06	3.50E-06	5.51E-06	1.50E-07	3.63E-06	8.00E-07	1.15E-06	1.82E-06	3.21E-07	2.89E-06	1.08E-05
29	486173.61	3855086.51	1.25E-02	1.35E-02	2.13E-02	4.34E-06	1.31E-05	7.59E-06	8.18E-06	7.42E-06	3.38E-06	5.32E-06	1.45E-07	3.50E-06	7.73E-07	1.11E-06	1.76E-06	3.11E-07	2.79E-06	1.04E-05
30	486223.61	3855086.51	1.23E-02	1.32E-02	2.08E-02	4.24E-06	1.28E-05	7.41E-06	7.99E-06	7.24E-06	3.31E-06	5.20E-06	1.42E-07	3.42E-06	7.55E-07	1.08E-06	1.72E-06	3.03E-07	2.73E-06	1.02E-05
31	485973.61	3855136.51	1.52E-02	1.64E-02	2.57E-02	5.26E-06	1.59E-05	9.19E-06	9.91E-06	8.98E-06	4.10E-06	6.43E-06	1.76E-07	4.24E-06	9.36E-07	1.34E-06	2.13E-06	3.76E-07	3.38E-06	1.26E-05
32	486023.61	3855136.51	1.47E-02	1.58E-02	2.49E-02	5.09E-06	1.54E-05	8.90E-06	9.59E-06	8.69E-06	3.97E-06	6.23E-06	1.70E-07	4.11E-06	9.06E-07	1.30E-06	2.06E-06	3.64E-07	3.27E-06	1.22E-05
33	486073.61	3855136.51	1.42E-02	1.53E-02	2.41E-02	4.92E-06	1.49E-05	8.60E-06	9.27E-06	8.40E-06	3.83E-06	6.02E-06	1.64E-07	3.97E-06	8.76E-07	1.26E-06	2.00E-06	3.52E-07	3.16E-06	1.18E-05
34	486123.61	3855136.51	1.38E-02	1.49E-02	2.34E-02	4.78E-06	1.44E-05	8.35E-06	9.00E-06	8.16E-06	3.72E-06	5.85E-06	1.59E-07	3.85E-06	8.50E-07	1.22E-06	1.94E-06	3.42E-07	3.07E-06	1.14E-05
35	486173.61	3855136.51	1.34E-02	1.44E-02	2.26E-02	4.62E-06	1.40E-05	8.08E-06	8.71E-06	7.90E-06	3.60E-06	5.66E-06	1.54E-07	3.73E-06	8.23E-07	1.18E-06	1.88E-06	3.31E-07	2.97E-06	1.11E-05
36	486223.61	3855136.51	1.30E-02	1.40E-02	2.20E-02	4.49E-06	1.36E-05	7.85E-06	8.46E-06	7.67E-06	3.50E-06	5.50E-06	1.50E-07	3.62E-06	8.00E-07	1.15E-06	1.82E-06	3.21E-07	2.89E-06	1.08E-05
37	485973.61	3855186.51	1.62E-02	1.75E-02	2.75E-02	5.62E-06	1.70E-05	9.82E-06	1.06E-05	9.60E-06	4.38E-06	6.87E-06	1.88E-07	4.53E-06	1.00E-06	1.44E-06	2.28E-06	4.02E-07	3.61E-06	1.34E-05
38	486023.61	3855186.51	1.57E-02	1.69E-02	2.66E-02	5.44E-06	1.64E-05	9.51E-06	1.03E-05	9.29E-06	4.24E-06	6.66E-06	1.82E-07	4.39E-06	9.69E-07	1.39E-06	2.21E-06	3.89E-07	3.49E-06	1.30E-05
39	486073.61	3855186.51	1.51E-02	1.63E-02	2.56E-02	5.23E-06	1.58E-05	9.14E-06	9.85E-06	8.93E-06	4.07E-06	6.40E-06	1.75E-07	4.22E-06	9.31E-07	1.34E-06	2.12E-06	3.74E-07	3.36E-06	1.25E-05
40	486123.61	3855186.51	1.45E-02	1.57E-02	2.46E-02	5.03E-06	1.52E-05	8.80E-06	9.48E-06	8.59E-06	3.92E-06	6.16E-06	1.68E-07	4.06E-06	8.96E-07	1.29E-06	2.04E-06	3.60E-07	3.23E-06	1.20E-05
41	486173.61	3855186.51	1.41E-02	1.52E-02	2.39E-02	4.88E-06	1.47E-05	8.53E-06	9.20E-06	8.34E-06	3.80E-06	5.98E-06	1.63E-07	3.94E-06	8.69E-07	1.25E-06	1.98E-06	3.49E-07	3.14E-06	1.17E-05
42	486223.61	3855186.51	1.37E-02	1.48E-02	2.32E-02	4.74E-06	1.43E-05	8.28E-06	8.93E-06	8.09E-06	3.69E-06	5.80E-06	1.58E-07	3.82E-06	8.43E-07	1.21E-06	1.92E-06	3.39E-07	3.05E-06	1.13E-05
43	486273.61	3855186.51	1.33E-02	1.43E-02	2.25E-02	4.59E-06	1.39E-05	8.03E-06	8.65E-06	7.84E-06	3.58E-06	5.63E-06	1.53E-07	3.70E-06	8.17E-07	1.17E-06	1.86E-06	3.28E-07	2.95E-06	1.10E-05
44	486323.61	3855186.51	1.32E-02	1.42E-02	2.24E-02	4.57E-06	1.38E-05	7.99E-06	8.61E-06	7.81E-06	3.56E-06	5.60E-06	1.53E-07	3.69E-06	8.14E-07	1.17E-06	1.86E-06	3.27E-07	2.94E-06	1.09E-05
45	485973.61	3855236.51	1.73E-02	1.86E-02	2.92E-02	5.98E-06	1.81E-05	1.05E-05	1.13E-05	1.02E-05	4.66E-06	7.32E-06	2.00E-07	4.83E-06	1.06E-06	1.53E-06	2.43E-06	4.28E-07	3.84E-06	1.43E-05
46	486023.61	3855236.51	1.66E-02	1.79E-02	2.81E-02	5.75E-06	1.73E-05	1.00E-05	1.08E-05	9.81E-06	4.48E-06	7.03E-06	1.92E-07	4.63E-06	1.02E-06	1.47E-06	2.33E-06	4.11E-07	3.69E-06	1.37E-05
47	486073.61	3855236.51	1.59E-02	1.72E-02	2.69E-02	5.51E-06	1.66E-05	9.63E-06	1.04E-05	9.41E-06	4.29E-06	6.74E-06	1.84E-07	4.44E-06	9.81E-07	1.41E-06	2.24E-06	3.94E-07	3.54E-06	1.32E-05
48	486123.61	3855236.51	1.54E-02	1.66E-02	2.61E-02	5.33E-06	1.61E-05	9.31E-06	1.00E-05	9.10E-06	4.15E-06	6.52E-06	1.78E-07	4.30E-06	9.48E-07	1.36E-06	2.16E-06	3.81E-07	3.42E-06	1.28E-05
49	486173.61	3855236.51	1.49E-02	1.61E-02	2.53E-02	5.16E-06	1.56E-05	9.02E-06	9.73E-06	8.82E-06	4.02E-06	6.32E-06	1.72E-07	4.16E-06	9.19E-07	1.32E-06	2.09E-06	3.69E-07	3.32E-06	1.24E-05
50	486223.61	3855236.51	1.44E-02	1.56E-02	2.44E-02	5.00E-06	1.51E-05	8.73E-06	9.41E-06	8.53E-06	3.89E-06	6.12E-06	1.67E-07	4.03E-06	8.89E-07	1.28E-06	2.03E-06	3.57E-07	3.21E-06	1.20E-05
51	486273.61	3855236.51	1.38E-02	1.49E-02	2.34E-02	4.78E-06	1.44E-05	8.36E-06	9.01E-06	8.16E-06	3.73E-06	5.86E-06	1.60E-07	3.86E-06	8.51E-07	1.22E-06	1.94E-06	3.42E-07	3.07E-06	1.14E-05
52	486323.61	3855236.51	1.39E-02	1.50E-02	2.36E-02	4.82E-06	1.45E-05	8.42E-06	9.07E-06	8.22E-06	3.75E-06	5.90E-06	1.61E-07	3.88E-06	8.57E-07	1.23E-06	1.95E-06	3.44E-07	3.10E-06	1.15E-05
53	485973.61	3855286.51	1.83E-02	1.98E-02	3.10E-02	6.35E-06	1.92E-05	1.11E-05	1.20E-05	1.08E-05	4.95E-06	7.77E-06	2.12E-07	5.12E-06	1.13E-06	1.62E-06	2.58E-06	4.54E-07	4.08E-06	1.52E-05
54	486023.61	3855286.51	1.76E-02	1.89E-02	2.97E-02	6.08E-06	1.83E-05	1.06E-05	1.14E-05	1.04E-05	4.73E-06	7.43E-06	2.03E-07	4.90E-06	1.08E-06	1.55E-06	2.47E-06	4.34E-07	3.90E-06	1.45E-05
55	486073.61	3855286.51	1.69E-02	1.82E-02	2.86E-02	5.85E-06	1.77E-05	1.02E-05	1.10E-05	9.98E-06	4.55E-06	7.15E-06	1.95E-07	4.72E-06	1.04E-06	1.50E-06	2.37E-06	4.18E-07	3.75E-06	1.40E-05
56	486123.61	3855286.51	1.62E-02	1.75E-02	2.75E-02	5.62E-06	1.70E-05	9.82E-06	1.06E-05	9.59E-06	4.38E-06	6.87E-06	1.88E-07	4.53E-06	1.00E-06	1.44E-06	2.28E-06	4.02E-07	3.61E-06	1.34E-05
57	486173.61	3855286.51	1.56E-02	1.69E-02	2.65E-02	5.41E-06	1.63E-05	9.46E-06	1.02E-05	9.25E-06	4.22E-06	6.63E-06	1.81E-07	4.37E-06	9.64E-07	1.38E-06	2.20E-06	3.87E-07	3.48E-06	1.30E-05
58	486223.61	3855286.51	1.52E-02	1.64E-02	2.57E-02	5.26E-06	1.59E-05	9.19E-06	9.91E-06	8.98E-06	4.10E-06	6.44E-06	1.76E-07	4.24E-06	9.36E-07	1.35E-06	2.13E-06	3.76E-07	3.38E-06	1.26E-05
59	486123.61	3855336.51	1.71E-02	1.84E-02	2.89E-02	5.91E-06	1.78E-05	1.03E-05	1.11E-05	1.01E-05	4.60E-06	7.23E-06	1.97E-07	4.77E-06	1.05E-06	1.51E-06	2.40E-06	4.23E-07	3.80E-06	1.41E-05
60	486173.61	3855336.51	1.65E-02	1.78E-02	2.80E-02	5.72E-06	1.73E-05	1.00E-05	1.08E-05	9.77E-06	4.46E-06	7.01E-06	1.91E-07	4.61E-06	1.02E-06	1.46E-06	2.32E-06	4.09E-07	3.68E-06	1.37E-05
61	486223.61	3855336.51	1.60E-02	1.72E-02	2.71E-02	5.53E-06	1.67E-05	9.67E-06	1.04E-05	9.44E-06	4.31E-06	6.77E-06	1.85E-07	4.46E-06	9.84E-07	1.41E-06	2.24E-06	3.95E-07	3.56E-06	1.32E-05
62	486123.61	3855386.51	1.80E-02	1.94E-02	3.05E-02	6.23E-06	1.88E-05	1.09E-05	1.17E-05	1.06E-05	4.85E-06	7.63E-06	2.08E-07	5.02E-06	1.11E-06	1.59E-06	2.53E-06	4.45E-07	4.00E-06	1.49E-05
63	486173.61	3855386.51	1.74E-02	1.87E-02	2.95E-02	6.02E-06	1.82E-05	1.05E-05	1.13E-05	1.03E-05	4.69E-06	7.38E-06	2.01E-07	4.86E-06	1.07E-06	1.54E-06	2.44E-06	4.31E-07	3.87E-06	1.44E-05
64	486223.61	3855386.51	1.69E-02	1.82E-02	2.86E-02	5.84E-06	1.76E-05	1.02E-05	1.10E-05	9.97E-06	4.55E-06	7.15E-06	1.95E-07	4.71E-06	1.04E-06	1.49E-06	2.37E-06	4.17E-07	3.75E-06	1.40E-05
65	486533.18	3855443.15	1.52E-02	1.63E-02	2.58E-02	5.25E-06	1.58E-05	9.17E-06	9.89E-06	8.96E-06	4.09E-06	6.44E-06	1.75E-07	4.23E-06	9.34E-07	1.34E-06	2.13E-06	3.75E-07	3.38E-06	1.26E-05
66	486583.18	3855443.15	1.47E-02	1.59E-02	2.51E-02	5.11E-06	1.54E-05	8.92E-06	9.62E-06	8.72E-06	3.98E-06	6.27E-06	1.70E-07	4.12E-06	9.09E-07	1.31E-06	2.07E-06	3.65E-07	3.29E-06	1.22E-05
67	486633.18	3855443.15	1.44E-02	1.55E-02	2.44E-02	4.97E-06	1.50E-05	8.69E-06	9.37E-06	8.49E-06	3.88E-06	6.11E-06	1.66E-07	4.01E-06	8.85E-07	1.27E-06	2.02E-06	3.56E-07	3.21E-06	1.19E-05
68	486683.18	3855443.15	1.41E-02	1.52E-02	2.40E-02	4.88E-06	1.47E-05	8.52E-06	9.19E-06	8.33E-06	3.80E-06	5.99E-06	1.63E-07	3.93E-06	8.68E-07	1.25E-06	1.98E-06	3.49E-07	3.15E-06	1.17E-05
69	486533.18	3855493.15	1.58E-02	1.71E-02	2.69E-02	5.48E-06	1.65E-05	9.58E-06	1.03E-05	9.36E-06	4.27E-06	6.74E-06	1.83E-07	4.42E-06	9.76E-07	1.40E-06	2.22E-06	3.92E-07	3.54E-06	1.31E-05
70	486583.18	3855493.15	1.54E-02	1.66E-02	2.62E-02	5.34E-06	1.61E-05	9.34E-06	1.01E-05	9.13E-06	4.17E-06	6.57E-06	1.78E-07	4.31E-06	9.51E-07	1.37E-06	2.17E-06	3.82E-07	3.45E-06	1.28E-05
71	486633.18	3855493.15	1.50E-02	1.62E-02	2.56E-02	5.20E-06	1.57E-05	9.10E-06	9.81E-06	8.89E-06	4.06E-06	6.40E-06	1.74E-07	4.20E-06	9.26E-07	1.33E-06	2.11E-06	3.72E-07	3.36E-06	1.25E-05
72	486683.18	3855493.15	1.47E-02	1.58E-02	2.49E-02	5.07E-06	1.53E-05	8.87E-06	9.56E-06	8.67E-06	3.96E-06	6.24E-06	1.69E-07	4.09E-06	9.03E-07	1.30E-06	2.06E-06	3.63E-07	3.27E-06	1.22E-05
73	486533.18	3855543.15	1.66E-02	1.79E-02	2.82E-02	5.74E-06	1.73E-05	1.00E-05	1.08E-05	9.82E-06	4.48E-06	7.07E-06	1.92E-07	4.63E-06	1.02E-06	1.47E-06	2.33E-06	4.11E-07	3.71E-06	1.38E-05
74	486583.18	3855543.15	1.60E-02	1.73E-02	2.73E-02	5.55E-06	1.68E-05	9.71E-06	1.05E-05	9.49E-06	4.33E-06	6.83E-06	1.85E-07	4.48E-06	9.89E-07	1.42E-06	2.25E-06	3.97E-07	3.59E-06	1.33E-05
75	486633.18	3855543.15	1.56E-02	1.69E-02	2.66E-02	5.42E-06	1.64E-05	9.47E-06	1.02E-05	9.26E-06	4.22E-06	6.67E-06	1.81E-07	4.37E-06	9.64E-07	1.39E-06	2.20E-06	3.88E-07	3.50E-06	1.30E-05
76	486683.18	3855543.15	1.51E-02	1.63E-02	2.58E-02	5.24E-06	1.58E-05	9.16E-06	9.88E-06	8.95E-06	4.09E-06	6.45E-06	1.75E-07	4.23E-06	9.33E-07	1.34E-06	2.13E-06	3.75E-07	3.38E-06	1.26E-05
77	486533.18	3855593.15	1.73E-02	1.87E-02	2.95E-02	5.99E-06	1.81E-05	1.05E-05	1.13E-05	1.02E-05	4.67E-06	7.37E-06	2.00E-07	4.83E-06	1.07E-06	1.53E-06	2.43E-06	4.29E-07	3.87E-06	1.44E-05
78	486583.18	3855593.15	1.68E-02	1.81E-02	2.85E-02	5.80E-06	1.75E-05	1.01E-05	1.09E-05	9.92E-06	4.53E-06	7.15E-06	1.94E-07	4.68E-06	1.03E-06	1.49E-06	2.36E-06	4.15E-07	3.75E-06	1.39E-05
79	486633.18	3855593.15	1.63E-02	1.76E-02	2.77E-02	5.64E-06	1.70E-05	9.86E-06	1.06E-05	9.64E-06	4.40E-06	6.94E-06	1.88E-07	4.55E-06	1.00E-06	1.44E-06	2.29E-06	4.04E-07	3.64E-06	1.35E-05
80	486683.18	3855593.15	1.59E-02	1.72E-02	2.71E-02	5.51E-06	1.66E-05	9.62E-06	1.04E-05	9.41E-06	4.29E-06	6.78E-06	1.84E-07	4.44E-06	9.80E-07	1.41E-06	2.24E-06	3.94E-07	3.56E-06	1.32E-05
81	486533.18	3855643.15	1.81E-02	1.95E-02	3.08E-02	6.25E-06	1.89E-05	1.09E-05	1.18E-05	1.07E-05	4.88E-06	7.70E-06	2.09E-07	5.04E-06	1.11E-06	1.60E-06	2.54E-06	4.47E-07	4.04E-06	1.50E-05
82	486583.18	3855643.15	1.75E-02	1.89E-02	2.99E-02	6.07E-06	1.83E-05	1.06E-05	1.14E-05	1.04E-05	4.73E-06	7.47E-06	2.03E-07	4.89E-06	1.08E-06	1.55E-06	2.46E-06	4.34E-07	3.92E-06	1.45E-05
83	486633.18	3855643.15	1.70E-02	1.83E-02	2.90E-02	5.89E-06	1.78E-05	1.03E-05	1.11E-05	1.01E-05	4.59E-06	7.26E-06	1.97E-07	4.75E-06	1.05E-06	1.51E-06	2.39E-06	4.21E-07	3.81E-06	1.41E-05
84	486683.18	3855643.15	1.66E-02	1.79E-02	2.82E-02	5.73E-06	1.73E-05	1.00E-05	1.08E-05	9.80E-06	4.47E-06	7.06E-06	1.91E-07	4.62E-06	1.02E-06	1.47E-06	2.33E-06	4.10E-07	3.71E-06	1.37E-05
85	486533.18	3855693.15	1.89E-02	2.04E-02	3.23E-02	6.56E-06	1.98E-05	1.15E-05	1.24E-05	1.12E-05	5.12E-06	8.09E-06	2.19E-07	5.29E-06	1.17E-06	1.68E-06	2.66E-06	4.69E-07	4.24E-06	1.57E-05
86	486583.18	3855693.15	1.82E-02	1.97E-02	3.11E-02	6.31E-06	1.91E-05	1.10E-05	1.19E-05	1.08E-05	4.92E-06	7.78E-06	2.11E-07	5.09E-06	1.12E-06	1.62E-06	2.56E-06	4.52E-07	4.08E-06	1.51E-05
87	486633.18	3855693.15	1.75E-02	1.89E-02	2.99E-02	6.07E-06	1.83E-05	1.06E-05	1.15E-05	1.04E-05	4.74E-06	7.49E-06	2.03E-07	4.90E-06	1.08E-06	1.55E-06	2.47E-06	4.35E-07	3.93E-06	1.46E-05
88	486683.18	3855693.15	1.72E-02	1.86E-02	2.94E-02	5.96E-06	1.80E-05	1.04E-05	1.12E-05	1.02E-05	4.65E-06	7.35E-06	1.99E-07	4.81E-06	1.06E-06	1.53E-06	2.42E-06	4.27E-07	3.86E-06	1.43E-05
89	486733.18	3855693.15	1.71E-02	1.84E-02	2.91E-02	5.90E-06	1.78E-05	1.03E-05	1.11E-05	1.01E-05	4.60E-06	7.28E-06	1.97E-07	4.76E-06	1.05E-06	1.51E-06	2.40E-06	4.22E-07	3.82E-06	1.42E-05
90	486783.18	3855693.15	1.70E-02	1.83E-02	2.89E-02	5.87E-06	1.77E-05	1.03E-05	1.11E-05	1.00E-05	4.58E-06	7.24E-06	1.96E-07	4.73E-06	1.04E-06	1.50E-06	2.38E-06	4.20E-07	3.80E-06	1.41E-05
91	486533.18	3855743.15	1.98E-02	2.13E-02	3.37E-02	6.84E-06	2.07E-05	1.20E-05	1.29E-05	1.17E-05	5.34E-06	8.44E-06	2.28E-07	5.52E-06	1.22E-06	1.75E-06	2.78E-06	4.90E-07	4.43E-06	1.64E-05
92	486583.18	3855743.15	1.89E-02	2.04E-02	3.22E-02	6.54E-06	1.97E-05	1.14E-05	1.23E-05	1.12E-05	5.10E-06	8.07E-06	2.18E-07	5.27E-06	1.16E-06	1.67E-06	2.65E-06	4.68E-07	4.23E-06	1.57E-05
93	486633.18	3855743.15	1.83E-02	1.97E-02	3.12E-02	6.33E-06	1.91E-05	1.11E-05	1.19E-05	1.08E-05	4.93E-06	7.81E-06	2.11E-07	5.10E-06	1.13E-06	1.62E-06	2.57E-06	4.53E-07	4.10E-06	1.52E-05
94	486683.18	3855743.15	1.80E-02	1.95E-02	3.08E-02	6.24E-06	1.88E-05	1.09E-05	1.18E-05	1.07E-05	4.87E-06	7.70E-06	2.08E-07	5.03E-06	1.11E-06	1.60E-06	2.54E-06	4.47E-07	4.04E-06	1.50E-05
95	486733.18	3855743.15	1.77E-02	1.91E-02	3.02E-02	6.12E-06	1.85E-05	1.07E-05	1.15E-05	1.05E-05	4.77E-06	7.56E-06	2.04E-07	4.94E-06	1.09E-06	1.57E-06	2.49E-06	4.38E-07	3.97E-06	1.47E-05
96	486783.18	3855743.15	1.77E-02	1.91E-02	3.02E-02	6.12E-06	1.85E-05	1.07E-05	1.15E-05	1.05E-05	4.77E-06	7.55E-06	2.04E-07	4.93E-06	1.09E-06	1.57E-06	2.48E-06	4.38E-07	3.96E-06	1.47E-05
97	486533.18	3855793.15	2.06E-02	2.23E-02	3.52E-02	7.14E-06	2.16E-05	1.25E-05	1.35E-05	1.22E-05	5.57E-06	8.82E-06	2.38E-07	5.76E-06	1.27E-06	1.83E-06	2.90E-06	5.11E-07	4.63E-06	1.71E-05
98	486583.18	3855793.15	1.95E-02	2.10E-02	3.33E-02	6.74E-06	2.04E-05	1.18E-05	1.27E-05	1.15E-05	5.26E-06	8.33E-06	2.25E-07	5.44E-06	1.20E-06	1.73E-06	2.74E-06	4.83E-07	4.37E-06	1.62E-05

99	486633.18	3855793.15	1.92E-02	2.07E-02	3.28E-02	6.64E-06	2.00E-05	1.16E-05	1.25E-05	1.14E-05	5.18E-06	8.20E-06	2.22E-07	5.36E-06	1.18E-06	1.70E-06	2.70E-06	4.75E-07	4.30E-06	1.59E-05
100	486683.18	3855793.15	1.89E-02	2.04E-02	3.24E-02	6.55E-06	1.98E-05	1.15E-05	1.24E-05	1.12E-05	5.11E-06	8.10E-06	2.19E-07	5.29E-06	1.17E-06	1.68E-06	2.66E-06	4.69E-07	4.25E-06	1.57E-05
101	486733.18	3855793.15	1.86E-02	2.01E-02	3.18E-02	6.44E-06	1.94E-05	1.13E-05	1.21E-05	1.10E-05	5.03E-06	7.96E-06	2.15E-07	5.20E-06	1.15E-06	1.65E-06	2.62E-06	4.61E-07	4.18E-06	1.55E-05
102	486783.18	3855793.15	1.84E-02	1.98E-02	3.14E-02	6.35E-06	1.92E-05	1.11E-05	1.20E-05	1.09E-05	4.96E-06	7.85E-06	2.12E-07	5.12E-06	1.13E-06	1.63E-06	2.58E-06	4.55E-07	4.12E-06	1.53E-05
103	486533.18	3855843.15	2.13E-02	2.30E-02	3.64E-02	7.37E-06	2.23E-05	1.29E-05	1.39E-05	1.26E-05	5.75E-06	9.12E-06	2.46E-07	5.95E-06	1.31E-06	1.89E-06	3.00E-06	5.28E-07	4.79E-06	1.77E-05
104	486583.18	3855843.15	2.03E-02	2.20E-02	3.48E-02	7.04E-06	2.13E-05	1.23E-05	1.33E-05	1.20E-05	5.49E-06	8.70E-06	2.35E-07	5.68E-06	1.25E-06	1.80E-06	2.86E-06	5.04E-07	4.57E-06	1.69E-05
105	486633.18	3855843.15	2.00E-02	2.16E-02	3.43E-02	6.94E-06	2.09E-05	1.21E-05	1.31E-05	1.19E-05	5.41E-06	8.58E-06	2.32E-07	5.60E-06	1.23E-06	1.78E-06	2.82E-06	4.97E-07	4.50E-06	1.67E-05
106	486683.18	3855843.15	1.98E-02	2.13E-02	3.38E-02	6.84E-06	2.07E-05	1.20E-05	1.29E-05	1.17E-05	5.34E-06	8.46E-06	2.28E-07	5.52E-06	1.22E-06	1.75E-06	2.78E-06	4.90E-07	4.44E-06	1.64E-05
107	486733.18	3855843.15	1.95E-02	2.10E-02	3.33E-02	6.74E-06	2.04E-05	1.18E-05	1.27E-05	1.15E-05	5.26E-06	8.34E-06	2.25E-07	5.44E-06	1.20E-06	1.73E-06	2.74E-06	4.83E-07	4.38E-06	1.62E-05
108	486783.18	3855843.15	1.92E-02	2.07E-02	3.28E-02	6.64E-06	2.00E-05	1.16E-05	1.25E-05	1.14E-05	5.18E-06	8.21E-06	2.22E-07	5.35E-06	1.18E-06	1.70E-06	2.70E-06	4.75E-07	4.31E-06	1.59E-05
109	486533.18	3855893.15	2.17E-02	2.34E-02	3.72E-02	7.52E-06	2.27E-05	1.31E-05	1.42E-05	1.29E-05	5.87E-06	9.30E-06	2.51E-07	6.07E-06	1.34E-06	1.93E-06	3.06E-06	5.38E-07	4.88E-06	1.81E-05
110	486583.18	3855893.15	2.13E-02	2.30E-02	3.65E-02	7.38E-06	2.23E-05	1.29E-05	1.39E-05	1.26E-05	5.76E-06	9.14E-06	2.47E-07	5.96E-06	1.31E-06	1.89E-06	3.00E-06	5.29E-07	4.80E-06	1.77E-05
111	486633.18	3855893.15	2.09E-02	2.26E-02	3.58E-02	7.24E-06	2.19E-05	1.27E-05	1.37E-05	1.24E-05	5.65E-06	8.97E-06	2.42E-07	5.84E-06	1.29E-06	1.86E-06	2.94E-06	5.19E-07	4.71E-06	1.74E-05
112	486683.18	3855893.15	2.06E-02	2.22E-02	3.53E-02	7.14E-06	2.15E-05	1.25E-05	1.35E-05	1.22E-05	5.57E-06	8.83E-06	2.38E-07	5.76E-06	1.27E-06	1.83E-06	2.90E-06	5.11E-07	4.64E-06	1.71E-05
113	486733.18	3855893.15	2.03E-02	2.19E-02	3.48E-02	7.03E-06	2.12E-05	1.23E-05	1.33E-05	1.20E-05	5.49E-06	8.71E-06	2.35E-07	5.67E-06	1.25E-06	1.80E-06	2.86E-06	5.04E-07	4.57E-06	1.69E-05
114	486783.18	3855893.15	2.01E-02	2.17E-02	3.44E-02	6.95E-06	2.10E-05	1.22E-05	1.31E-05	1.19E-05	5.43E-06	8.61E-06	2.32E-07	5.61E-06	1.24E-06	1.78E-06	2.83E-06	4.98E-07	4.52E-06	1.67E-05
115	486533.18	3855943.15	2.26E-02	2.44E-02	3.87E-02	7.81E-06	2.36E-05	1.37E-05	1.47E-05	1.34E-05	6.10E-06	9.68E-06	2.61E-07	6.30E-06	1.39E-06	2.00E-06	3.17E-06	5.59E-07	5.08E-06	1.88E-05
116	486583.18	3855943.15	2.24E-02	2.41E-02	3.83E-02	7.74E-06	2.34E-05	1.35E-05	1.46E-05	1.32E-05	6.04E-06	9.59E-06	2.58E-07	6.24E-06	1.38E-06	1.98E-06	3.15E-06	5.54E-07	5.03E-06	1.86E-05
117	486633.18	3855943.15	2.19E-02	2.36E-02	3.75E-02	7.56E-06	2.28E-05	1.32E-05	1.43E-05	1.29E-05	5.90E-06	9.37E-06	2.53E-07	6.10E-06	1.35E-06	1.94E-06	3.07E-06	5.42E-07	4.92E-06	1.82E-05
118	486683.18	3855943.15	2.16E-02	2.33E-02	3.70E-02	7.47E-06	2.26E-05	1.31E-05	1.41E-05	1.28E-05	5.83E-06	9.26E-06	2.50E-07	6.03E-06	1.33E-06	1.91E-06	3.04E-06	5.35E-07	4.86E-06	1.80E-05
119	486733.18	3855943.15	2.12E-02	2.29E-02	3.63E-02	7.33E-06	2.21E-05	1.28E-05	1.38E-05	1.25E-05	5.72E-06	9.09E-06	2.45E-07	5.92E-06	1.31E-06	1.88E-06	2.98E-06	5.25E-07	4.77E-06	1.76E-05
120	486783.18	3855943.15	2.10E-02	2.26E-02	3.60E-02	7.26E-06	2.19E-05	1.27E-05	1.37E-05	1.24E-05	5.66E-06	9.00E-06	2.42E-07	5.85E-06	1.29E-06	1.86E-06	2.95E-06	5.20E-07	4.72E-06	1.74E-05
121	486533.18	3855993.15	2.36E-02	2.55E-02	4.06E-02	8.19E-06	2.47E-05	1.43E-05	1.54E-05	1.40E-05	6.39E-06	1.02E-05	2.73E-07	6.60E-06	1.46E-06	2.10E-06	3.33E-06	5.86E-07	5.33E-06	1.97E-05
122	486583.18	3855993.15	2.33E-02	2.51E-02	3.99E-02	8.05E-06	2.43E-05	1.41E-05	1.52E-05	1.38E-05	6.28E-06	9.98E-06	2.69E-07	6.49E-06	1.43E-06	2.06E-06	3.27E-06	5.77E-07	5.24E-06	1.93E-05
123	486633.18	3855993.15	2.28E-02	2.46E-02	3.92E-02	7.90E-06	2.39E-05	1.38E-05	1.49E-05	1.35E-05	6.17E-06	9.80E-06	2.64E-07	6.37E-06	1.41E-06	2.02E-06	3.21E-06	5.66E-07	5.14E-06	1.90E-05
124	486683.18	3855993.15	2.25E-02	2.43E-02	3.87E-02	7.80E-06	2.35E-05	1.36E-05	1.47E-05	1.33E-05	6.09E-06	9.67E-06	2.60E-07	6.29E-06	1.39E-06	2.00E-06	3.17E-06	5.59E-07	5.08E-06	1.87E-05
125	486733.18	3855993.15	2.21E-02	2.39E-02	3.80E-02	7.66E-06	2.31E-05	1.34E-05	1.45E-05	1.31E-05	5.98E-06	9.51E-06	2.56E-07	6.18E-06	1.36E-06	1.96E-06	3.11E-06	5.49E-07	4.99E-06	1.84E-05
126	486783.18	3855993.15	2.18E-02	2.36E-02	3.74E-02	7.55E-06	2.28E-05	1.32E-05	1.43E-05	1.29E-05	5.90E-06	9.37E-06	2.52E-07	6.09E-06	1.34E-06	1.94E-06	3.07E-06	5.41E-07	4.92E-06	1.82E-05
127	486533.18	3856043.15	2.47E-02	2.67E-02	4.24E-02	8.55E-06	2.58E-05	1.49E-05	1.61E-05	1.46E-05	6.67E-06	1.06E-05	2.86E-07	6.90E-06	1.52E-06	2.19E-06	3.48E-06	6.13E-07	5.57E-06	2.06E-05
128	486583.18	3856043.15	2.44E-02	2.63E-02	4.18E-02	8.43E-06	2.55E-05	1.47E-05	1.59E-05	1.44E-05	6.58E-06	1.05E-05	2.81E-07	6.80E-06	1.50E-06	2.16E-06	3.43E-06	6.04E-07	5.49E-06	2.03E-05
129	486633.18	3856043.15	2.38E-02	2.57E-02	4.09E-02	8.25E-06	2.49E-05	1.44E-05	1.56E-05	1.41E-05	6.44E-06	1.02E-05	2.75E-07	6.65E-06	1.47E-06	2.11E-06	3.35E-06	5.91E-07	5.38E-06	1.98E-05
130	486683.18	3856043.15	2.35E-02	2.54E-02	4.04E-02	8.15E-06	2.46E-05	1.42E-05	1.54E-05	1.39E-05	6.36E-06	1.01E-05	2.72E-07	6.57E-06	1.45E-06	2.09E-06	3.31E-06	5.84E-07	5.31E-06	1.96E-05
131	486733.18	3856043.15	2.31E-02	2.49E-02	3.96E-02	7.99E-06	2.41E-05	1.40E-05	1.51E-05	1.37E-05	6.23E-06	9.92E-06	2.67E-07	6.44E-06	1.42E-06	2.05E-06	3.25E-06	5.72E-07	5.21E-06	1.92E-05
132	486783.18	3856043.15	2.28E-02	2.47E-02	3.92E-02	7.90E-06	2.39E-05	1.38E-05	1.49E-05	1.35E-05	6.17E-06	9.82E-06	2.64E-07	6.38E-06	1.41E-06	2.03E-06	3.21E-06	5.66E-07	5.15E-06	1.90E-05
133	486533.18	3856093.15	2.59E-02	2.80E-02	4.46E-02	8.98E-06	2.71E-05	1.57E-05	1.69E-05	1.54E-05	7.01E-06	1.12E-05	3.00E-07	7.24E-06	1.60E-06	2.30E-06	3.65E-06	6.43E-07	5.86E-06	2.16E-05
134	486583.18	3856093.15	2.54E-02	2.75E-02	4.37E-02	8.80E-06	2.66E-05	1.54E-05	1.66E-05	1.51E-05	6.87E-06	1.09E-05	2.94E-07	7.10E-06	1.57E-06	2.26E-06	3.58E-06	6.31E-07	5.74E-06	2.12E-05
135	486633.18	3856093.15	2.49E-02	2.69E-02	4.28E-02	8.63E-06	2.61E-05	1.51E-05	1.63E-05	1.48E-05	6.74E-06	1.07E-05	2.88E-07	6.96E-06	1.54E-06	2.21E-06	3.51E-06	6.18E-07	5.63E-06	2.07E-05
136	486683.18	3856093.15	2.46E-02	2.65E-02	4.22E-02	8.50E-06	2.57E-05	1.49E-05	1.60E-05	1.45E-05	6.64E-06	1.06E-05	2.84E-07	6.86E-06	1.51E-06	2.18E-06	3.46E-06	6.09E-07	5.54E-06	2.04E-05
137	486733.18	3856093.15	2.41E-02	2.60E-02	4.14E-02	8.34E-06	2.52E-05	1.46E-05	1.58E-05	1.43E-05	6.51E-06	1.04E-05	2.79E-07	6.73E-06	1.49E-06	2.14E-06	3.39E-06	5.98E-07	5.44E-06	2.01E-05
138	486783.18	3856093.15	2.38E-02	2.57E-02	4.09E-02	8.23E-06	2.49E-05	1.44E-05	1.55E-05	1.41E-05	6.43E-06	1.02E-05	2.75E-07	6.64E-06	1.47E-06	2.11E-06	3.35E-06	5.90E-07	5.37E-06	1.98E-05
139	486533.18	3856143.15	2.71E-02	2.93E-02	4.66E-02	9.39E-06	2.83E-05	1.64E-05	1.77E-05	1.61E-05	7.33E-06	1.17E-05	3.13E-07	7.57E-06	1.67E-06	2.41E-06	3.82E-06	6.73E-07	6.13E-06	2.26E-05
140	486583.18	3856143.15	2.65E-02	2.86E-02	4.55E-02	9.16E-06	2.77E-05	1.60E-05	1.73E-05	1.57E-05	7.16E-06	1.14E-05	3.06E-07	7.39E-06	1.63E-06	2.35E-06	3.73E-06	6.57E-07	5.98E-06	2.20E-05
141	486633.18	3856143.15	2.60E-02	2.81E-02	4.48E-02	9.02E-06	2.72E-05	1.58E-05	1.70E-05	1.54E-05	7.04E-06	1.12E-05	3.01E-07	7.27E-06	1.60E-06	2.31E-06	3.67E-06	6.46E-07	5.89E-06	2.17E-05
142	486683.18	3856143.15	2.56E-02	2.76E-02	4.40E-02	8.86E-06	2.67E-05	1.55E-05	1.67E-05	1.52E-05	6.92E-06	1.10E-05	2.96E-07	7.14E-06	1.58E-06	2.27E-06	3.60E-06	6.35E-07	5.78E-06	2.13E-05
143	486733.18	3856143.15	2.52E-02	2.72E-02	4.33E-02	8.71E-06	2.63E-05	1.52E-05	1.64E-05	1.49E-05	6.80E-06	1.08E-05	2.91E-07	7.02E-06	1.55E-06	2.23E-06	3.54E-06	6.24E-07	5.68E-06	2.09E-05
144	486783.18	3856143.15	2.49E-02	2.69E-02	4.29E-02	8.62E-06	2.60E-05	1.51E-05	1.63E-05	1.48E-05	6.73E-06	1.07E-05	2.88E-07	6.96E-06	1.54E-06	2.21E-06	3.51E-06	6.18E-07	5.63E-06	2.07E-05
145	486533.18	3856193.15	2.85E-02	3.07E-02	4.90E-02	9.85E-06	2.97E-05	1.72E-05	1.86E-05	1.69E-05	7.69E-06	1.23E-05	3.29E-07	7.95E-06	1.75E-06	2.53E-06	4.01E-06	7.06E-07	6.44E-06	2.37E-05
146	486583.18	3856193.15	2.77E-02	2.99E-02	4.77E-02	9.58E-06	2.89E-05	1.67E-05	1.81E-05	1.64E-05	7.48E-06	1.19E-05	3.20E-07	7.73E-06	1.71E-06	2.46E-06	3.90E-06	6.87E-07	6.26E-06	2.31E-05
147	486633.18	3856193.15	2.72E-02	2.94E-02	4.68E-02	9.41E-06	2.84E-05	1.65E-05	1.78E-05	1.61E-05	7.35E-06	1.17E-05	3.14E-07	7.59E-06	1.68E-06	2.41E-06	3.83E-06	6.75E-07	6.15E-06	2.27E-05
148	486683.18	3856193.15	2.69E-02	2.90E-02	4.62E-02	9.30E-06	2.81E-05	1.62E-05	1.76E-05	1.59E-05	7.26E-06	1.16E-05	3.10E-07	7.50E-06	1.65E-06	2.38E-06	3.78E-06	6.66E-07	6.07E-06	2.24E-05
149	486733.18	3856193.15	2.63E-02	2.84E-02	4.53E-02	9.11E-06	2.75E-05	1.59E-05	1.72E-05	1.56E-05	7.11E-06	1.13E-05	3.04E-07	7.35E-06	1.62E-06	2.33E-06	3.70E-06	6.53E-07	5.95E-06	2.19E-05
150	486783.18	3856193.15	2.60E-02	2.81E-02	4.49E-02	9.02E-06	2.72E-05	1.58E-05	1.70E-05	1.54E-05	7.04E-06	1.12E-05	3.01E-07	7.27E-06	1.60E-06	2.31E-06	3.67E-06	6.46E-07	5.89E-06	2.17E-05
151	486533.18	3856243.15	2.98E-02	3.22E-02	5.13E-02	1.03E-05	3.11E-05	1.80E-05	1.95E-05	1.76E-05	8.05E-06	1.28E-05	3.44E-07	8.31E-06	1.83E-06	2.64E-06	4.19E-06	7.39E-07	6.74E-06	2.48E-05
152	486583.18	3856243.15	2.91E-02	3.14E-02	5.02E-02	1.01E-05	3.04E-05	1.76E-05	1.90E-05	1.72E-05	7.87E-06	1.26E-05	3.36E-07	8.13E-06	1.79E-06	2.58E-06	4.10E-06	7.22E-07	6.59E-06	2.42E-05
153	486633.18	3856243.15	2.85E-02	3.08E-02	4.91E-02	9.86E-06	2.98E-05	1.72E-05	1.86E-05	1.69E-05	7.70E-06	1.23E-05	3.29E-07	7.96E-06	1.76E-06	2.53E-06	4.01E-06	7.07E-07	6.45E-06	2.37E-05
154	486683.18	3856243.15	2.80E-02	3.03E-02	4.83E-02	9.69E-06	2.93E-05	1.69E-05	1.83E-05	1.66E-05	7.57E-06	1.21E-05	3.24E-07	7.82E-06	1.73E-06	2.49E-06	3.94E-06	6.95E-07	6.34E-06	2.33E-05
155	486733.18	3856243.15	2.76E-02	2.98E-02	4.76E-02	9.56E-06	2.89E-05	1.67E-05	1.80E-05	1.64E-05	7.46E-06	1.19E-05	3.19E-07	7.71E-06	1.70E-06	2.45E-06	3.89E-06	6.85E-07	6.25E-06	2.30E-05
156	486783.18	3856243.15	2.71E-02	2.93E-02	4.68E-02	9.39E-06	2.84E-05	1.64E-05	1.77E-05	1.61E-05	7.34E-06	1.17E-05	3.14E-07	7.58E-06	1.67E-06	2.41E-06	3.82E-06	6.73E-07	6.14E-06	2.26E-05
157	486533.18	3856293.15	3.13E-02	3.38E-02	5.39E-02	1.08E-05	3.27E-05	1.89E-05	2.04E-05	1.85E-05	8.45E-06	1.35E-05	3.61E-07	8.73E-06	1.93E-06	2.78E-06	4.40E-06	7.76E-07	7.09E-06	2.61E-05
158	486583.18	3856293.15	3.05E-02	3.29E-02	5.26E-02	1.06E-05	3.19E-05	1.85E-05	1.99E-05	1.81E-05	8.25E-06	1.32E-05	3.53E-07	8.52E-06	1.88E-06	2.71E-06	4.29E-06	7.57E-07	6.91E-06	2.54E-05
159	486633.18	3856293.15	2.99E-02	3.23E-02	5.15E-02	1.03E-05	3.12E-05	1.81E-05	1.95E-05	1.77E-05	8.08E-06	1.29E-05	3.45E-07	8.34E-06	1.84E-06	2.65E-06	4.20E-06	7.41E-07	6.77E-06	2.49E-05
160	486683.18	3856293.15	2.93E-02	3.17E-02	5.05E-02	1.01E-05	3.06E-05	1.77E-05	1.92E-05	1.74E-05	7.92E-06	1.26E-05	3.39E-07	8.18E-06	1.81E-06	2.60E-06	4.13E-06	7.27E-07	6.64E-06	2.44E-05
161	486733.18	3856293.15	2.89E-02	3.12E-02	4.99E-02	1.00E-05	3.02E-05	1.75E-05	1.89E-05	1.71E-05	7.82E-06	1.25E-05	3.34E-07	8.08E-06	1.78E-06	2.57E-06	4.07E-06	7.18E-07	6.55E-06	2.41E-05
162	486783.18	3856293.15	2.84E-02	3.07E-02	4.89E-02	9.83E-06	2.97E-05	1.72E-05	1.86E-05	1.68E-05	7.67E-06	1.23E-05	3.28E-07	7.93E-06	1.75E-06	2.52E-06	4.00E-06	7.04E-07	6.43E-06	2.37E-05
163	486783.18	3856343.15	2.98E-02	3.22E-02	5.15E-02	1.03E-05	3.12E-05	1.81E-05	1.95E-05	1.77E-05	8.07E-06	1.29E-05	3.45E-07	8.33E-06	1.84E-06	2.65E-06	4.20E-06	7.41E-07	6.77E-06	2.49E-05
164	486833.18	3856343.15	2.93E-02	3.17E-02	5.06E-02	1.02E-05	3.07E-05	1.78E-05	1.92E-05	1.74E-05	7.93E-06	1.27E-05	3.39E-07	8.19E-06	1.81E-06	2.60E-06	4.13E-06	7.28E-07	6.65E-06	2.45E-05
165	486883.18	3856343.15	2.89E-02	3.12E-02	4.98E-02	9.99E-06	3.02E-05	1.75E-05	1.89E-05	1.71E-05	7.81E-06	1.25E-05	3.34E-07	8.06E-06	1.78E-06	2.56E-06	4.06E-06	7.16E-07	6.54E-06	2.41E-05
166	486783.18	3856393.15	3.11E-02	3.37E-02	5.38E-02	1.08E-05	3.26E-05	1.88E-05	2.04E-05	1.85E-05	8.42E-06	1.35E-05	3.60E-07	8.70E-06	1.92E-06	2.76E-06	4.39E-06	7.73E-07	7.06E-06	2.60E-05
167	486833.18	3856393.15	3.06E-02	3.31E-02	5.29E-02	1.06E-05	3.20E-05	1.85E-05	2.00E-05	1.82E-05	8.28E-06	1.32E-05	3.54E-07	8.55E-06	1.89E-06	2.72E-06	4.31E-06	7.60E-07	6.94E-06	2.55E-05
168	486883.18	3856393.15	3.00E-02	3.24E-02	5.18E-02	1.04E-05	3.14E-05	1.82E-05	1.96E-05	1.78E-05	8.11E-06	1.30E-05	3.47E-07	8.38E-06	1.85E-06	2.66E-06	4.22E-06	7.44E-07	6.80E-06	2.50E-05
169	487208.74	3856886.11	4.04E-02	4.36E-02	6.99E-02	1.40E-05	4.22E-05	2.44E-05	2.64E-05	2.39E-05	1.09E-05	1.75E-05	4.67E-07	1.13E-05	2.49E-06	3.59E-06	5.69E-06	1.00E-06	9.18E-06	3.37E-05
170	487258.74	3856886.11	3.92E-02	4.24E-02	6.79E-02	1.36E-05	4.10E-05	2.37E-05	2.56E-05	2.32E-05	1.06E-05	1.70E-05	4.53E-07	1.10E-05	2.42E-06	3.48E-06	5.52E-06	9.73E-07	8.91E-06	3.27E-05
171	487308.74	3856886.11	3.81E-02	4.12E-02	6.60E-02	1.32E-05	3.99E-05	2.31E-05	2.49E-05	2.26E-05	1.03E-05	1.65E-05	4.41E-07	1.07E-05	2.35E-06	3.39E-06	5.37E-06	9.47E-07	8.67E-06	3.18E-05
172	487358.74	3856886.11	3.71E-02	4.01E-02	6.42E-02	1.28E-05	3.88E-05	2.24E-05	2.43E-05	2.20E-05	1.00E-05	1.61E-05	4.29E-07	1.04E-05	2.29E-06	3.29E-06	5.22E-06	9.21E-07	8.43E-06	3.09E-05
173	487208.74	3856936.11	4.23E-02	4.57E-02	7.33E-02	1.47E-05	4.42E-05	2.56E-05	2.77E-05	2.51E-05	1.14E-05	1.83E-05	4.89E-07	1.18E-05	2.61E-06	3.76E-06	5.96E-06	1.05E-06	9.63E-06	3.53E-05
174	487258.74	3856936.11	4.10E-02	4.44E-02	7.11E-02	1.42E-05	4.29E-05	2.48E-05	2.68E-05	2.43E-05	1.11E-05	1.78E-05	4.74E-07	1.15E-05	2.53E-06	3.64E-06	5.78E-06	1.02E-06	9.34E-06	3.42E-05
175	487308.74	3856936.11	3.99E-02	4.31E-02	6.91E-02	1.38E-05	4.17E-05	2.41E-05	2.61E-05	2.36E-05	1.08E-05	1.73E-05	4.61E-07	1.11E-05	2.46E-06	3.54E-06	5.62E-06	9.90E-07	9.07E-06	3.33E-05
176	487358.74	3856936.11	3.88E-02	4.19E-02	6.71E-02	1.34E-05	4.05E-05	2.34E-05	2.53E-05	2.30E-05	1.05E-05	1.68E-05	4.48E-07	1.08E-05	2.39E-06	3.44E-06	5.46E-06	9.62E-07	8.81E-06	3.23E-05
177	487208.74	3856986.11	4.44E-02	4.80E-02	7.70E-02	1.54E-05	4.64E-05	2.69E-05	2.91E-05	2.63E-05	1.20E-05	1.93E-05	5.14E-07	1.24E-05	2.74E-06	3.95E-06	6.26E-06	1.10E-06	1.01E-05	3.71E-05
178	487258.74	3856986.11	4.31E-02	4.66E-02	7.47E-02	1.49E-05	4.51E-05	2.61E-05	2.82E-05	2.56E-05	1.17E-05	1.87E-05	4.98E-07	1.20E-05	2.66E-06	3.83E-06	6.07E-06	1.07E-06	9.81E-06	3.60E-05
179	487308.74	3856986.11	4.17E-02	4.51E-02	7.23E-02	1.44E-05	4.36E-05	2.52E-05	2.73E-05	2.47E-05	1.13E-05	1.81E-05	4.82E-07	1.16E-05	2.57E-06	3.70E-06	5.88E-06	1.04E-06	9.49E-06	3.48E-05
180	487358.74	3856986.11	4.05E-02	4.38E-02	7.02E-02	1.40E-05	4.24E-05	2.45E-05	2.65E-05	2.40E-05	1.10E-05	1.76E-05	4.69E-07	1.13E-05	2.50E-06	3.60E-06	5.71E-06	1.01E-06	9.22E-06	3.38E-05
181	487208.74	3857036.11	4.67E-02	5.05E-02	8.10E-02	1.62E-05	4.88E-05	2.83E-05	3.06E-05	2.77E-05	1.26E-05	2.03E-05	5.40E-07	1.30E-05	2.88E-06	4.15E-06	6.58E-06	1.16E-06	1.06E-05	3.90E-05
182	487258.74	3857036.11	4.52E-02	4.88E-02	7.83E-02	1.56E-05	4.72E-05	2.73E-05	2.96E-05	2.68E-05	1.22E-05	1.96E-05	5.22E-07	1.26E-05	2.78E-06	4.01E-06	6.36E-06	1.12E-06	1.03E-05	3.77E-05
183	487308.74	3857036.11	4.38E-02	4.73E-02	7.59E-02	1.52E-05	4.58E-05	2.65E-05	2.86E-05	2.60E-05	1.18E-05	1.90E-05	5.06E-07	1.22E-05	2.70E-06	3.89E-06	6.17E-06	1.09E-06	9.97E-06	3.66E-05
184	487358.74	3857036.11	4.24E-02	4.59E-02	7.36E-02	1.47E-05	4.44E-05	2.57E-05	2.78E-05	2.52E-05	1.15E-05	1.84E-05	4.91E-07	1.18E-05	2.61E-06	3.77E-06	5.98E-06	1.05E-06	9.66E-06	3.54E-05
185	487427.14	3856878.23	3.56E-02	3.85E-02	6.17E-02	1.23E-05	3.73E-05	2.16E-05	2.33E-05	2.11E-05	9.64E-06	1.54E-05	4.12E-07	9.95E-06	2.20E-06	3.17E-06	5.02E-06	8.85E-07	8.10E-06	2.97E-05
186	487477.14	3856878.23	3.48E-02	3.76E-02	6.02E-02	1.20E-05	3.64E-05	2.11E-05	2.27E-05	2.06E-05	9.41E-06	1.51E-05	4.02E-07	9.71E-06	2.14E-06	3.09E-06	4.90E-06	8.64E-07	7.90E-06	2.90E-05
187	487527.14	3856878.23	3.39E-02	3.67E-02	5.87E-02	1.18E-05	3.55E-05	2.05E-05	2.22E-05	2.01E-05	9.18E-06	1.47E-05	3.92E-07	9.48E-06	2.09E-06	3.01E-06	4.78E-06	8.43E-07	7.71E-06	2.83E-05
188	487427.14	3856928.23	3.71E-02	4.01E-02	6.43E-02	1.29E-05	3.88E-05	2.25E-05	2.43E-05	2.20E-05	1.00E-05	1.61E-05	4.29E-07	1.04E-05	2.29E-06	3.30E-06	5.23E-06	9.22E-07	8.44E-06	3.10E-05
189	487477.14	3856928.23	3.61E-02	3.91E-02	6.25E-02	1.25E-05	3.78E-05	2.19E-05	2.36E-05	2.14E-05	9.78E-06	1.57E-05	4.18E-07	1.01E-05	2.23E-06	3.21E-06	5.09E-06	8.97E-07	8.22E-06	3.01E-05
190	487527.14	3856928.23	3.52E-02	3.81E-02	6.10E-02	1.22E-05	3.68E-05	2.13E-05	2.31E-05	2.09E-05	9.53E-06	1.53E-05	4.07E-07	9.84E-06	2.17E-06	3.13E-06	4.96E-06	8.75E-07	8.01E-06	2.94E-05
191	487577.14	3856928.23	3.44E-02	3.72E-02	5.95E-02	1.19E-05	3.59E-05	2.08E-05	2.25E-05	2.04E-05	9.30E-06	1.49E-05	3.98E-07	9.60E-06	2.12E-06	3.05E-06	4.84E-06	8.54E-07	7.82E-06	2.87E-05
192	487627.14	3856928.23	3.35E-02	3.62E-02	5.80E-02	1.16E-05	3.50E-05	2.03E-05	2.19E-05	1.99E-05	9.07E-06	1.45E-05	3.88E-07	9.36E-06	2.07E-06	2.98E-06	4.72E-06	8.32E-07	7.62E-06	2.80E-05
193	487677.14	3856928.23	3.28E-02	3.54E-02	5.67E-02	1.13E-05	3.43E-05	1.98E-05	2.14E-05	1.94E-05	8.86E-06	1.42E-05	3.79E-07	9.15E-06	2.02E-06	2.91E-06	4.62E-06	8.13E-07	7.45E-06	2.73E-05
194	487727.14	3856928.23	3.21E-02	3.46E-02	5.55E-02	1.11E-05	3.35E-05	1.94E-05	2.10E-05	1.90E-05	8.67E-06	1.39E-05	3.71E-07	8.95E-06	1.98E-06	2.85E-06	4.52E-06	7.96E-07	7.29E-06	2.67E-05
195	487777.14	3856928.23	3.13E-02	3.39E-02	5.42E-02	1.08E-05	3.27E-05	1.90E-05	2.05E-05	1.86E-05	8.47E-06	1.36E-05	3.62E-07	8.75E-06	1.93E-06	2.78E-06	4.41E-06	7.78E-07	7.12E-06	2.61E-05
196	487427.14	3856978.23	3.87E-02	4.18E-02	6.70E-02	1.34E-05	4.04E-05	2.34E-05	2.53E-05	2.29E-05	1.05E-05	1.68E-05	4.47E-07	1.08E-05	2.38E-06	3.43E-06	5.45E-06	9.60E-07	8.80E-06	3.23E-05
197	487477.14	3856978.23	3.76E-02	4.07E-02	6.52E-02	1.30E-05	3.93E-05	2.28E-05	2.46E-05	2.23E-05	1.02E-05	1.63E-05	4.35E-07	1.05E-05	2.32E-06	3.34E-06	5.30E-06	9.35E-07	8.56E-06	3.14E-05
198	487527.14	3856978.23	3.67E-02	3.96E-02	6.35E-02	1.27E-05	3.83E-05	2.22E-05	2.40E-05	2.17E-05	9.92E-06	1.59E-05	4.24E-07	1.02E-05	2.26E-06	3.26E-06	5.16E-06	9.10E-07	8.34E-06	3.06E-05
199	487577.14	3856978.23	3.57E-02	3.86E-02	6.18E-02	1.24E-05	3.73E-05	2.16E-05	2.34E-05	2.12E-05	9.66E-06	1.55E-05	4.13E-07	9.97E-06	2.20E-06	3.17E-06	5.03E-06	8.87E-07	8.12E-06	2.98E-05
200	487627.14	3856978.23	3.48E-02	3.76E-02	6.02E-02	1.20E-05	3.63E-05	2.10E-05	2.27E-05	2.06E-05	9.40E-06	1.51E-05	4.02E-07	9.71E-06	2.14E-06	3.09E-06	4.90E-06	8.63E-07	7.91E-06	2.90E-05
201	487677.14	3856978.23	3.39E-02	3.67E-02	5.88E-02	1.18E-05	3.55E-05	2.05E-05	2.22E-05	2.01E-05	9.18E-06	1.47E-05	3.92E-07	9.48E-06	2.09E-06	3.01E-06	4.78E-06	8.43E-07	7.72E-06	2.83E-05
202	487727.14	3856978.23	3.30E-02	3.57E-02	5.72E-02	1.14E-05	3.45E-05	2.00E-05	2.16E-05	1.96E-05	8.93E-06	1.43E-05	3.82E-07	9.22E-06	2.03E-06	2.93E-06	4.65E-06	8.20E-07	7.51E-06	2.75E-05
203	487777.14	3856978.23	3.24E-02	3.50E-02	5.61E-02	1.12E-05	3.39E-05	1.96E-05	2.12E-05	1.92E-05	8.77E-06	1.40E-05	3.75E-07	9.05E-06	2.00E-06	2.88E-06	4.56E-06	8.05E-07	7.37E-06	2.70E-05

204	487427.14	3857028.23	4.04E-02	4.37E-02	7.00E-02	1.40E-05	4.22E-05	2.45E-05	2.64E-05	2.40E-05	1.09E-05	1.75E-05	4.67E-07	1.13E-05	2.49E-06	3.59E-06	5.69E-06	1.00E-06	9.20E-06	3.37E-05
205	487477.14	3857028.23	3.93E-02	4.24E-02	6.80E-02	1.36E-05	4.10E-05	2.38E-05	2.57E-05	2.33E-05	1.06E-05	1.70E-05	4.54E-07	1.10E-05	2.42E-06	3.49E-06	5.53E-06	9.75E-07	8.93E-06	3.28E-05
206	487527.14	3857028.23	3.81E-02	4.12E-02	6.61E-02	1.32E-05	3.99E-05	2.31E-05	2.49E-05	2.26E-05	1.03E-05	1.65E-05	4.41E-07	1.07E-05	2.35E-06	3.39E-06	5.37E-06	9.47E-07	8.68E-06	3.18E-05
207	487577.14	3857028.23	3.71E-02	4.01E-02	6.43E-02	1.28E-05	3.88E-05	2.25E-05	2.43E-05	2.20E-05	1.00E-05	1.61E-05	4.29E-07	1.04E-05	2.29E-06	3.30E-06	5.23E-06	9.21E-07	8.45E-06	3.10E-05
208	487627.14	3857028.23	3.61E-02	3.90E-02	6.25E-02	1.25E-05	3.77E-05	2.18E-05	2.36E-05	2.14E-05	9.76E-06	1.56E-05	4.17E-07	1.01E-05	2.22E-06	3.20E-06	5.08E-06	8.96E-07	8.21E-06	3.01E-05
209	487677.14	3857028.23	3.52E-02	3.80E-02	6.09E-02	1.22E-05	3.68E-05	2.13E-05	2.30E-05	2.08E-05	9.51E-06	1.52E-05	4.06E-07	9.82E-06	2.17E-06	3.12E-06	4.95E-06	8.73E-07	8.00E-06	2.93E-05
210	487727.14	3857028.23	3.43E-02	3.71E-02	5.95E-02	1.19E-05	3.59E-05	2.08E-05	2.25E-05	2.04E-05	9.29E-06	1.49E-05	3.97E-07	9.59E-06	2.12E-06	3.05E-06	4.84E-06	8.52E-07	7.81E-06	2.86E-05
211	487777.14	3857028.23	3.35E-02	3.62E-02	5.80E-02	1.16E-05	3.50E-05	2.03E-05	2.19E-05	1.99E-05	9.06E-06	1.45E-05	3.87E-07	9.35E-06	2.06E-06	2.97E-06	4.72E-06	8.32E-07	7.62E-06	2.79E-05
212	487427.14	3857078.23	4.23E-02	4.57E-02	7.33E-02	1.46E-05	4.42E-05	2.56E-05	2.76E-05	2.51E-05	1.14E-05	1.83E-05	4.88E-07	1.18E-05	2.60E-06	3.75E-06	5.95E-06	1.05E-06	9.62E-06	3.53E-05
213	487477.14	3857078.23	4.09E-02	4.43E-02	7.10E-02	1.42E-05	4.28E-05	2.48E-05	2.68E-05	2.43E-05	1.11E-05	1.78E-05	4.73E-07	1.14E-05	2.52E-06	3.64E-06	5.77E-06	1.02E-06	9.32E-06	3.42E-05
214	487527.14	3857078.23	3.97E-02	4.30E-02	6.89E-02	1.38E-05	4.15E-05	2.40E-05	2.60E-05	2.36E-05	1.08E-05	1.72E-05	4.59E-07	1.11E-05	2.45E-06	3.53E-06	5.60E-06	9.87E-07	9.05E-06	3.32E-05
215	487577.14	3857078.23	3.86E-02	4.17E-02	6.69E-02	1.34E-05	4.03E-05	2.34E-05	2.52E-05	2.29E-05	1.04E-05	1.67E-05	4.46E-07	1.08E-05	2.38E-06	3.43E-06	5.44E-06	9.58E-07	8.79E-06	3.22E-05
216	487627.14	3857078.23	3.75E-02	4.05E-02	6.50E-02	1.30E-05	3.92E-05	2.27E-05	2.45E-05	2.22E-05	1.01E-05	1.63E-05	4.33E-07	1.05E-05	2.31E-06	3.33E-06	5.28E-06	9.31E-07	8.53E-06	3.13E-05
217	487677.14	3857078.23	3.65E-02	3.94E-02	6.32E-02	1.26E-05	3.81E-05	2.21E-05	2.39E-05	2.16E-05	9.87E-06	1.58E-05	4.22E-07	1.02E-05	2.25E-06	3.24E-06	5.14E-06	9.06E-07	8.30E-06	3.04E-05
218	487727.14	3857078.23	3.55E-02	3.84E-02	6.16E-02	1.23E-05	3.72E-05	2.15E-05	2.32E-05	2.11E-05	9.62E-06	1.54E-05	4.11E-07	9.93E-06	2.19E-06	3.16E-06	5.01E-06	8.82E-07	8.09E-06	2.97E-05
219	487777.14	3857078.23	3.46E-02	3.74E-02	6.00E-02	1.20E-05	3.62E-05	2.09E-05	2.26E-05	2.05E-05	9.36E-06	1.50E-05	4.00E-07	9.66E-06	2.13E-06	3.07E-06	4.88E-06	8.59E-07	7.88E-06	2.89E-05
220	487427.14	3857128.23	4.42E-02	4.78E-02	7.68E-02	1.53E-05	4.62E-05	2.68E-05	2.89E-05	2.62E-05	1.20E-05	1.92E-05	5.11E-07	1.24E-05	2.73E-06	3.93E-06	6.23E-06	1.10E-06	1.01E-05	3.69E-05
221	487477.14	3857128.23	4.28E-02	4.62E-02	7.42E-02	1.48E-05	4.47E-05	2.59E-05	2.80E-05	2.54E-05	1.16E-05	1.86E-05	4.94E-07	1.19E-05	2.64E-06	3.80E-06	6.03E-06	1.06E-06	9.75E-06	3.57E-05
222	487527.14	3857128.23	4.14E-02	4.48E-02	7.18E-02	1.43E-05	4.33E-05	2.51E-05	2.71E-05	2.45E-05	1.12E-05	1.80E-05	4.79E-07	1.16E-05	2.55E-06	3.68E-06	5.83E-06	1.03E-06	9.43E-06	3.46E-05
223	487577.14	3857128.23	4.02E-02	4.34E-02	6.96E-02	1.39E-05	4.20E-05	2.43E-05	2.63E-05	2.38E-05	1.09E-05	1.74E-05	4.64E-07	1.12E-05	2.47E-06	3.57E-06	5.66E-06	9.97E-07	9.15E-06	3.35E-05
224	487627.14	3857128.23	3.90E-02	4.21E-02	6.76E-02	1.35E-05	4.07E-05	2.36E-05	2.55E-05	2.31E-05	1.05E-05	1.69E-05	4.51E-07	1.09E-05	2.40E-06	3.46E-06	5.49E-06	9.68E-07	8.88E-06	3.25E-05
225	487677.14	3857128.23	3.78E-02	4.09E-02	6.56E-02	1.31E-05	3.96E-05	2.29E-05	2.47E-05	2.24E-05	1.02E-05	1.64E-05	4.37E-07	1.06E-05	2.33E-06	3.36E-06	5.33E-06	9.39E-07	8.62E-06	3.16E-05
226	487727.14	3857128.23	3.68E-02	3.98E-02	6.39E-02	1.28E-05	3.85E-05	2.23E-05	2.41E-05	2.18E-05	9.97E-06	1.60E-05	4.26E-07	1.03E-05	2.27E-06	3.27E-06	5.19E-06	9.15E-07	8.39E-06	3.07E-05
227	487777.14	3857128.23	3.58E-02	3.87E-02	6.21E-02	1.24E-05	3.74E-05	2.17E-05	2.34E-05	2.12E-05	9.69E-06	1.55E-05	4.14E-07	1.00E-05	2.21E-06	3.18E-06	5.05E-06	8.89E-07	8.16E-06	2.99E-05
228	488049.44	3856539.39	2.26E-02	2.44E-02	3.89E-02	7.81E-06	2.36E-05	1.36E-05	1.47E-05	1.34E-05	6.10E-06	9.74E-06	2.61E-07	6.30E-06	1.39E-06	2.00E-06	3.18E-06	5.60E-07	5.11E-06	1.88E-05
229	488099.44	3856539.39	2.22E-02	2.39E-02	3.82E-02	7.67E-06	2.32E-05	1.34E-05	1.45E-05	1.31E-05	5.99E-06	9.57E-06	2.56E-07	6.19E-06	1.37E-06	1.97E-06	3.12E-06	5.50E-07	5.02E-06	1.85E-05
230	488149.44	3856539.39	2.18E-02	2.36E-02	3.76E-02	7.55E-06	2.28E-05	1.32E-05	1.43E-05	1.29E-05	5.90E-06	9.42E-06	2.52E-07	6.09E-06	1.34E-06	1.94E-06	3.07E-06	5.41E-07	4.94E-06	1.82E-05
231	488049.44	3856589.39	2.32E-02	2.51E-02	4.00E-02	8.03E-06	2.42E-05	1.40E-05	1.52E-05	1.37E-05	6.27E-06	1.00E-05	2.68E-07	6.48E-06	1.43E-06	2.06E-06	3.27E-06	5.76E-07	5.26E-06	1.93E-05
232	488099.44	3856589.39	2.28E-02	2.46E-02	3.93E-02	7.89E-06	2.38E-05	1.38E-05	1.49E-05	1.35E-05	6.16E-06	9.84E-06	2.63E-07	6.36E-06	1.40E-06	2.02E-06	3.21E-06	5.66E-07	5.17E-06	1.90E-05
233	488149.44	3856589.39	2.24E-02	2.42E-02	3.87E-02	7.76E-06	2.34E-05	1.36E-05	1.46E-05	1.33E-05	6.06E-06	9.68E-06	2.59E-07	6.26E-06	1.38E-06	1.99E-06	3.16E-06	5.56E-07	5.08E-06	1.87E-05
234	488199.44	3856589.39	2.20E-02	2.38E-02	3.80E-02	7.62E-06	2.30E-05	1.33E-05	1.44E-05	1.30E-05	5.95E-06	9.51E-06	2.55E-07	6.15E-06	1.36E-06	1.95E-06	3.10E-06	5.46E-07	4.99E-06	1.83E-05
235	488249.44	3856589.39	2.17E-02	2.35E-02	3.75E-02	7.52E-06	2.27E-05	1.32E-05	1.42E-05	1.29E-05	5.88E-06	9.39E-06	2.51E-07	6.07E-06	1.34E-06	1.93E-06	3.06E-06	5.39E-07	4.93E-06	1.81E-05
236	488049.44	3856639.39	2.38E-02	2.58E-02	4.12E-02	8.25E-06	2.49E-05	1.44E-05	1.56E-05	1.41E-05	6.45E-06	1.03E-05	2.76E-07	6.66E-06	1.47E-06	2.12E-06	3.36E-06	5.92E-07	5.41E-06	1.99E-05
237	488099.44	3856639.39	2.34E-02	2.53E-02	4.04E-02	8.11E-06	2.45E-05	1.42E-05	1.53E-05	1.39E-05	6.33E-06	1.01E-05	2.71E-07	6.54E-06	1.44E-06	2.08E-06	3.30E-06	5.81E-07	5.31E-06	1.95E-05
238	488149.44	3856639.39	2.30E-02	2.49E-02	3.97E-02	7.96E-06	2.40E-05	1.39E-05	1.50E-05	1.36E-05	6.22E-06	9.94E-06	2.66E-07	6.42E-06	1.42E-06	2.04E-06	3.24E-06	5.71E-07	5.22E-06	1.92E-05
239	488199.44	3856639.39	2.26E-02	2.45E-02	3.91E-02	7.84E-06	2.37E-05	1.37E-05	1.48E-05	1.34E-05	6.12E-06	9.78E-06	2.62E-07	6.32E-06	1.40E-06	2.01E-06	3.19E-06	5.62E-07	5.13E-06	1.89E-05
240	488249.44	3856639.39	2.23E-02	2.41E-02	3.85E-02	7.71E-06	2.33E-05	1.35E-05	1.46E-05	1.32E-05	6.02E-06	9.62E-06	2.58E-07	6.22E-06	1.37E-06	1.98E-06	3.14E-06	5.53E-07	5.05E-06	1.86E-05
241	488299.44	3856639.39	2.19E-02	2.37E-02	3.78E-02	7.59E-06	2.29E-05	1.33E-05	1.43E-05	1.30E-05	5.93E-06	9.47E-06	2.53E-07	6.12E-06	1.35E-06	1.95E-06	3.09E-06	5.44E-07	4.97E-06	1.83E-05
242	488349.44	3856639.39	2.16E-02	2.33E-02	3.72E-02	7.46E-06	2.25E-05	1.30E-05	1.41E-05	1.28E-05	5.83E-06	9.31E-06	2.49E-07	6.02E-06	1.33E-06	1.91E-06	3.04E-06	5.35E-07	4.89E-06	1.80E-05
243	488399.44	3856639.39	2.13E-02	2.30E-02	3.67E-02	7.36E-06	2.22E-05	1.29E-05	1.39E-05	1.26E-05	5.75E-06	9.18E-06	2.46E-07	5.94E-06	1.31E-06	1.89E-06	2.99E-06	5.28E-07	4.82E-06	1.77E-05
244	488099.44	3856689.39	2.41E-02	2.60E-02	4.16E-02	8.33E-06	2.52E-05	1.46E-05	1.57E-05	1.43E-05	6.51E-06	1.04E-05	2.78E-07	6.72E-06	1.48E-06	2.14E-06	3.39E-06	5.97E-07	5.46E-06	2.01E-05
245	488149.44	3856689.39	2.36E-02	2.55E-02	4.08E-02	8.18E-06	2.47E-05	1.43E-05	1.55E-05	1.40E-05	6.39E-06	1.02E-05	2.73E-07	6.60E-06	1.46E-06	2.10E-06	3.33E-06	5.87E-07	5.36E-06	1.97E-05
246	488199.44	3856689.39	2.32E-02	2.51E-02	4.01E-02	8.05E-06	2.43E-05	1.41E-05	1.52E-05	1.38E-05	6.29E-06	1.00E-05	2.69E-07	6.49E-06	1.43E-06	2.06E-06	3.27E-06	5.77E-07	5.27E-06	1.94E-05
247	488249.44	3856689.39	2.28E-02	2.47E-02	3.94E-02	7.90E-06	2.39E-05	1.38E-05	1.49E-05	1.35E-05	6.17E-06	9.87E-06	2.64E-07	6.38E-06	1.41E-06	2.03E-06	3.21E-06	5.67E-07	5.18E-06	1.90E-05
248	488299.44	3856689.39	2.25E-02	2.43E-02	3.88E-02	7.78E-06	2.35E-05	1.36E-05	1.47E-05	1.33E-05	6.08E-06	9.72E-06	2.60E-07	6.28E-06	1.39E-06	2.00E-06	3.17E-06	5.58E-07	5.10E-06	1.87E-05
249	488349.44	3856689.39	2.21E-02	2.39E-02	3.82E-02	7.65E-06	2.31E-05	1.34E-05	1.45E-05	1.31E-05	5.98E-06	9.55E-06	2.56E-07	6.17E-06	1.36E-06	1.96E-06	3.11E-06	5.49E-07	5.01E-06	1.84E-05
250	488399.44	3856689.39	2.17E-02	2.34E-02	3.75E-02	7.51E-06	2.27E-05	1.31E-05	1.42E-05	1.29E-05	5.87E-06	9.38E-06	2.51E-07	6.06E-06	1.34E-06	1.93E-06	3.06E-06	5.39E-07	4.92E-06	1.81E-05
251	488099.44	3856739.39	2.48E-02	2.67E-02	4.28E-02	8.57E-06	2.59E-05	1.50E-05	1.62E-05	1.47E-05	6.69E-06	1.07E-05	2.86E-07	6.91E-06	1.53E-06	2.20E-06	3.49E-06	6.14E-07	5.62E-06	2.06E-05
252	488149.44	3856739.39	2.43E-02	2.62E-02	4.19E-02	8.40E-06	2.54E-05	1.47E-05	1.59E-05	1.44E-05	6.56E-06	1.05E-05	2.81E-07	6.78E-06	1.50E-06	2.15E-06	3.42E-06	6.02E-07	5.51E-06	2.02E-05
253	488199.44	3856739.39	2.39E-02	2.58E-02	4.12E-02	8.26E-06	2.50E-05	1.44E-05	1.56E-05	1.41E-05	6.46E-06	1.03E-05	2.76E-07	6.67E-06	1.47E-06	2.12E-06	3.36E-06	5.92E-07	5.42E-06	1.99E-05
254	488249.44	3856739.39	2.34E-02	2.53E-02	4.05E-02	8.11E-06	2.45E-05	1.42E-05	1.53E-05	1.39E-05	6.34E-06	1.01E-05	2.71E-07	6.54E-06	1.44E-06	2.08E-06	3.30E-06	5.82E-07	5.32E-06	1.95E-05
255	488299.44	3856739.39	2.30E-02	2.48E-02	3.97E-02	7.96E-06	2.40E-05	1.39E-05	1.50E-05	1.36E-05	6.21E-06	9.93E-06	2.66E-07	6.42E-06	1.42E-06	2.04E-06	3.24E-06	5.70E-07	5.21E-06	1.92E-05
256	488349.44	3856739.39	2.27E-02	2.45E-02	3.91E-02	7.84E-06	2.37E-05	1.37E-05	1.48E-05	1.34E-05	6.13E-06	9.79E-06	2.62E-07	6.32E-06	1.40E-06	2.01E-06	3.19E-06	5.62E-07	5.14E-06	1.89E-05
257	488399.44	3856739.39	2.23E-02	2.41E-02	3.85E-02	7.72E-06	2.33E-05	1.35E-05	1.46E-05	1.32E-05	6.03E-06	9.65E-06	2.58E-07	6.23E-06	1.37E-06	1.98E-06	3.14E-06	5.54E-07	5.06E-06	1.86E-05
258	487999.44	3856789.39	2.63E-02	2.85E-02	4.55E-02	9.12E-06	2.75E-05	1.59E-05	1.72E-05	1.56E-05	7.12E-06	1.14E-05	3.05E-07	7.36E-06	1.62E-06	2.34E-06	3.71E-06	6.54E-07	5.98E-06	2.20E-05
259	488049.44	3856789.39	2.59E-02	2.79E-02	4.47E-02	8.95E-06	2.70E-05	1.56E-05	1.69E-05	1.53E-05	6.99E-06	1.12E-05	2.99E-07	7.22E-06	1.59E-06	2.29E-06	3.64E-06	6.42E-07	5.87E-06	2.16E-05
260	488099.44	3856789.39	2.54E-02	2.75E-02	4.39E-02	8.80E-06	2.66E-05	1.54E-05	1.66E-05	1.51E-05	6.87E-06	1.10E-05	2.94E-07	7.09E-06	1.57E-06	2.26E-06	3.58E-06	6.31E-07	5.77E-06	2.12E-05
261	488149.44	3856789.39	2.49E-02	2.69E-02	4.31E-02	8.63E-06	2.61E-05	1.51E-05	1.63E-05	1.48E-05	6.74E-06	1.08E-05	2.88E-07	6.96E-06	1.54E-06	2.21E-06	3.51E-06	6.19E-07	5.66E-06	2.08E-05
262	488199.44	3856789.39	2.45E-02	2.65E-02	4.23E-02	8.48E-06	2.56E-05	1.48E-05	1.60E-05	1.45E-05	6.62E-06	1.06E-05	2.83E-07	6.84E-06	1.51E-06	2.17E-06	3.45E-06	6.08E-07	5.56E-06	2.04E-05
263	488249.44	3856789.39	2.40E-02	2.60E-02	4.15E-02	8.32E-06	2.51E-05	1.45E-05	1.57E-05	1.42E-05	6.50E-06	1.04E-05	2.78E-07	6.71E-06	1.48E-06	2.13E-06	3.38E-06	5.96E-07	5.45E-06	2.00E-05
264	488299.44	3856789.39	2.36E-02	2.55E-02	4.07E-02	8.16E-06	2.46E-05	1.43E-05	1.54E-05	1.40E-05	6.38E-06	1.02E-05	2.73E-07	6.58E-06	1.45E-06	2.09E-06	3.32E-06	5.85E-07	5.35E-06	1.97E-05
265	488349.44	3856789.39	2.32E-02	2.51E-02	4.01E-02	8.04E-06	2.43E-05	1.40E-05	1.52E-05	1.38E-05	6.28E-06	1.00E-05	2.68E-07	6.48E-06	1.43E-06	2.06E-06	3.27E-06	5.76E-07	5.27E-06	1.94E-05
266	488399.44	3856789.39	2.28E-02	2.47E-02	3.95E-02	7.91E-06	2.39E-05	1.38E-05	1.49E-05	1.35E-05	6.18E-06	9.88E-06	2.64E-07	6.38E-06	1.41E-06	2.03E-06	3.22E-06	5.67E-07	5.18E-06	1.90E-05
267	487949.44	3856839.39	2.76E-02	2.98E-02	4.77E-02	9.56E-06	2.89E-05	1.67E-05	1.81E-05	1.64E-05	7.47E-06	1.19E-05	3.19E-07	7.71E-06	1.70E-06	2.45E-06	3.89E-06	6.86E-07	6.27E-06	2.30E-05
268	487999.44	3856839.39	2.71E-02	2.93E-02	4.68E-02	9.38E-06	2.83E-05	1.64E-05	1.77E-05	1.61E-05	7.32E-06	1.17E-05	3.13E-07	7.56E-06	1.67E-06	2.40E-06	3.81E-06	6.72E-07	6.15E-06	2.26E-05
269	488049.44	3856839.39	2.66E-02	2.87E-02	4.59E-02	9.19E-06	2.78E-05	1.61E-05	1.74E-05	1.57E-05	7.18E-06	1.15E-05	3.07E-07	7.42E-06	1.64E-06	2.36E-06	3.74E-06	6.59E-07	6.03E-06	2.21E-05
270	488099.44	3856839.39	2.61E-02	2.82E-02	4.51E-02	9.02E-06	2.72E-05	1.58E-05	1.70E-05	1.55E-05	7.05E-06	1.13E-05	3.01E-07	7.28E-06	1.61E-06	2.31E-06	3.67E-06	6.47E-07	5.92E-06	2.17E-05
271	488149.44	3856839.39	2.56E-02	2.77E-02	4.42E-02	8.86E-06	2.67E-05	1.55E-05	1.67E-05	1.52E-05	6.92E-06	1.11E-05	2.96E-07	7.15E-06	1.58E-06	2.27E-06	3.60E-06	6.35E-07	5.81E-06	2.13E-05
272	488199.44	3856839.39	2.51E-02	2.71E-02	4.34E-02	8.70E-06	2.63E-05	1.52E-05	1.64E-05	1.49E-05	6.79E-06	1.09E-05	2.90E-07	7.01E-06	1.55E-06	2.23E-06	3.54E-06	6.24E-07	5.70E-06	2.09E-05
273	487949.44	3856889.39	2.84E-02	3.07E-02	4.91E-02	9.83E-06	2.97E-05	1.72E-05	1.86E-05	1.68E-05	7.68E-06	1.23E-05	3.28E-07	7.93E-06	1.75E-06	2.52E-06	4.00E-06	7.05E-07	6.45E-06	2.37E-05
274	487999.44	3856889.39	2.79E-02	3.01E-02	4.82E-02	9.65E-06	2.91E-05	1.69E-05	1.82E-05	1.65E-05	7.54E-06	1.21E-05	3.22E-07	7.78E-06	1.72E-06	2.47E-06	3.92E-06	6.92E-07	6.33E-06	2.32E-05
275	488049.44	3856889.39	2.73E-02	2.95E-02	4.72E-02	9.44E-06	2.85E-05	1.65E-05	1.78E-05	1.62E-05	7.38E-06	1.18E-05	3.15E-07	7.62E-06	1.68E-06	2.42E-06	3.84E-06	6.77E-07	6.19E-06	2.27E-05
276	488099.44	3856889.39	2.68E-02	2.89E-02	4.63E-02	9.27E-06	2.80E-05	1.62E-05	1.75E-05	1.59E-05	7.24E-06	1.16E-05	3.09E-07	7.48E-06	1.65E-06	2.38E-06	3.77E-06	6.65E-07	6.08E-06	2.23E-05
277	488635.86	3857895.05	3.02E-02	3.27E-02	5.27E-02	1.05E-05	3.16E-05	1.83E-05	1.98E-05	1.79E-05	8.18E-06	1.32E-05	3.49E-07	8.44E-06	1.86E-06	2.69E-06	4.26E-06	7.51E-07	6.92E-06	2.53E-05
278	489137.64	3857804.15	2.27E-02	2.46E-02	3.95E-02	7.86E-06	2.37E-05	1.37E-05	1.49E-05	1.35E-05	6.15E-06	9.89E-06	2.63E-07	6.34E-06	1.40E-06	2.02E-06	3.20E-06	5.64E-07	5.19E-06	1.90E-05
279	488617.32	3857859.41	3.04E-02	3.29E-02	5.29E-02	1.05E-05	3.18E-05	1.84E-05	1.99E-05	1.80E-05	8.23E-06	1.33E-05	3.51E-07	8.49E-06	1.87E-06	2.70E-06	4.28E-06	7.55E-07	6.95E-06	2.54E-05
280	488667.32	3857859.41	2.95E-02	3.19E-02	5.14E-02	1.02E-05	3.08E-05	1.78E-05	1.93E-05	1.75E-05	7.98E-06	1.29E-05	3.41E-07	8.23E-06	1.82E-06	2.62E-06	4.16E-06	7.32E-07	6.75E-06	2.46E-05
281	488717.32	3857859.41	2.86E-02	3.10E-02	4.98E-02	9.91E-06	2.99E-05	1.73E-05	1.87E-05	1.70E-05	7.75E-06	1.25E-05	3.31E-07	7.99E-06	1.76E-06	2.54E-06	4.03E-06	7.11E-07	6.55E-06	2.39E-05
282	488767.32	3857859.41	2.78E-02	3.00E-02	4.83E-02	9.61E-06	2.90E-05	1.68E-05	1.82E-05	1.65E-05	7.51E-06	1.21E-05	3.21E-07	7.75E-06	1.71E-06	2.47E-06	3.91E-06	6.89E-07	6.35E-06	2.32E-05
283	488617.32	3857909.41	3.07E-02	3.32E-02	5.35E-02	1.06E-05	3.21E-05	1.86E-05	2.01E-05	1.82E-05	8.30E-06	1.34E-05	3.55E-07	8.57E-06	1.89E-06	2.73E-06	4.32E-06	7.62E-07	7.02E-06	2.56E-05
284	488667.32	3857909.41	2.97E-02	3.21E-02	5.16E-02	1.03E-05	3.10E-05	1.79E-05	1.94E-05	1.76E-05	8.03E-06	1.29E-05	3.43E-07	8.28E-06	1.83E-06	2.64E-06	4.18E-06	7.37E-07	6.78E-06	2.48E-05
285	488717.32	3857909.41	2.88E-02	3.12E-02	5.02E-02	9.97E-06	3.01E-05	1.74E-05	1.89E-05	1.71E-05	7.80E-06	1.26E-05	3.33E-07	8.04E-06	1.77E-06	2.56E-06	4.06E-06	7.16E-07	6.59E-06	2.41E-05
286	488767.32	3857909.41	2.79E-02	3.02E-02	4.86E-02	9.66E-06	2.92E-05	1.69E-05	1.83E-05	1.66E-05	7.56E-06	1.22E-05	3.23E-07	7.79E-06	1.72E-06	2.48E-06	3.93E-06	6.93E-07	6.38E-06	2.33E-05
287	488417.32	3857959.41	3.58E-02	3.87E-02	6.25E-02	1.24E-05	3.74E-05	2.17E-05	2.34E-05	2.12E-05	9.70E-06	1.57E-05	4.14E-07	1.00E-05	2.21E-06	3.18E-06	5.05E-06	8.90E-07	8.21E-06	3.00E-05
288	488467.32	3857959.41	3.44E-02	3.73E-02	6.01E-02	1.19E-05	3.60E-05	2.08E-05	2.26E-05	2.04E-05	9.33E-06	1.50E-05	3.98E-07	9.62E-06	2.12E-06	3.06E-06	4.86E-06	8.56E-07	7.90E-06	2.88E-05
289	488517.32	3857959.41	3.32E-02	3.59E-02	5.79E-02	1.15E-05	3.47E-05	2.01E-05	2.17E-05	1.97E-05	8.98E-06	1.45E-05	3.84E-07	9.26E-06	2.04E-06	2.95E-06	4.68E-06	8.24E-07	7.60E-06	2.77E-05
290	488567.32	3857959.41	3.20E-02	3.46E-02	5.57E-02	1.11E-05	3.34E-05	1.94E-05	2.09E-05	1.90E-05	8.66E-06	1.40E-05	3.70E-07	8.93E-06	1.97E-06	2.84E-06	4.51E-06	7.95E-07	7.32E-06	2.67E-05
291	488617.32	3857959.41	3.09E-02	3.34E-02	5.38E-02	1.07E-05	3.23E-05	1.87E-05	2.02E-05	1.83E-05	8.37E-06	1.35E-05	3.57E-07	8.63E-06	1.90E-06	2.75E-06	4.36E-06	7.68E-07	7.07E-06	2.58E-05
292	488667.32	3857959.41	2.99E-02	3.23E-02	5.21E-02	1.04E-05	3.13E-05	1.81E-05	1.96E-05	1.77E-05	8.09E-06	1.30E-05	3.46E-07	8.35E-06	1.84E-06	2.66E-06	4.21E-06	7.43E-07	6.84E-06	2.50E-05
293	488717.32	3857959.41	2.89E-02	3.13E-02	5.04E-02	1.00E-05	3.02E-05	1.75E-05	1.89E-05	1.72E-05	7.83E-06	1.26E-05	3.34E-07	8.08E-06	1.78E-06	2.57E-06	4.08E-06	7.19E-07	6.62E-06	2.42E-05
294	488767.32	3857959.41	2.80E-02	3.03E-02	4.88E-02	9.70E-06	2.93E-05	1.70E-05	1.83E-05	1.66E-05	7.59E-06	1.22E-05	3.24E-07	7.83E-06	1.73E-06	2.49E-06	3.95E-06	6.96E-07	6.41E-06	2.34E-05
295	488417.32	3858009.41	3.63E-02	3.93E-02	6.35E-02	1.26E-05	3.80E-05	2.20E-05	2.38E-05	2.16E-05	9.84E-06	1.59E-05	4.20E-07	1.01E-05	2.24E-06	3.23E-06	5.13E-06	9.03E-07	8.34E-06	3.04E-05
296	488467.32	3858009.41	3.49E-02	3.77E-02	6.09E-02	1.21E-05	3.65E-05	2.11E-05	2.28E-05	2.07E-05	9.44E-06	1.52E-05	4.03E-07	9.74E-06	2.15E-06	3.10E-06	4.92E-06	8.67E-07	7.99E-06	2.92E-05
297	488517.32	3858009.41	3.35E-02	3.63E-02	5.84E-02	1.16E-05	3.50E-05	2.03E-05	2.19E-05	1.99E-05	9.08E-06	1.46E-05	3.88E-07	9.36E-06	2.07E-06	2.98E-06	4.73E-06	8.33E-07	7.68E-06	2.80E-05
298	488567.32	3858009.41	3.23E-02	3.49E-02	5.62E-02	1.12E-05	3.37E-05	1.95E-05	2.11E-05	1.91E-05	8.73E-06	1.41E-05	3.73E-07	9.01E-06	1.99E-06	2.87E-06	4.55E-06	8.01E-07	7.38E-06	2.70E-05
299	488617.32	3858009.41	3.11E-02	3.37E-02	5.42E-02	1.08E-05	3.25E-05	1.88E-05	2.04E-05	1.85E-05	8.43E-06	1.36E-05	3.60E-07	8.69E-06	1.92E-06	2.77E-06	4.39E-06	7.73E-07	7.12E-06	2.60E-05
300	488667.32	3858009.41	3.01E-02	3.25E-02	5.24E-02	1.04E-05	3.14E-05	1.82E-05	1.97E-05	1.78E-05	8.14E-06	1.31E-05	3.48E-07	8.40E-06	1.85E-06	2.67E-06	4.24E-06	7.47E-07	6.88E-06	2.51E-05
301	488717.32	3858009.41	2.91E-02	3.14E-02	5.06E-02	1.01E-05	3.04E-05	1.76E-05	1.90E-05	1.72E-05	7.86E-06	1.27E-05	3.36E-07	8.11E-06	1.79E-06	2.58E-06	4.10E-06	7.22E-07	6.65E-06	2.43E-05
302	488767.32	3858009.41	2.81E-02	3.04E-02	4.89E-02	9.73E-06	2.94E-05	1.70E-05	1.84E-05	1.67E-05	7.61E-06	1.22E-05	3.25E-07	7.85E-06	1.73E-06	2.50E-06	3.96E-06	6.98E-07	6.42E-06	2.35E-05
303	488417.32	3858059.41	3.69E-02	3.99E-02	6.44E-02	1.28E-05	3.85E-05	2.23E-05	2.41E-05	2.19E-05	9.99E-06	1.61E-05	4.26E-07	1.03E-05	2.27E-06	3.28E-06	5.20E-06	9.16E-07	8.46E-06	3.08E-05
304	488467.32	3858059.41	3.53E-02	3.82E-02	6.15E-02	1.22E-05	3.69E-05	2.14E-05	2.31E-05	2.09E-05	9.56E-06	1.54E-05	4.08E-07	9.85E-06	2.17E-06	3.14E-06	4.98E-06	8.77E-07	8.08E-06	2.95E-05
305	488517.32	3858059.41	3.38E-02	3.66E-02	5.90E-02	1.17E-05	3.54E-05	2.05E-05	2.22E-05	2.01E-05	9.16E-06	1.48E-05	3.91E-07	9.45E-06	2.09E-06	3.01E-06	4.77E-06	8.41E-07	7.75E-06	2.83E-05
306	488567.32	3858059.41	3.25E-02	3.52E-02	5.66E-02	1.13E-05	3.40E-05	1.97E-05	2.13E-05	1.93E-05	8.80E-06	1.42E-05	3.76E-07	9.07E-06	2.00E-06	2.89E-06	4.58E-06	8.07E-07	7.43E-06	2.72E-05
307	488617.32	3858059.41	3.13E-02	3.38E-02	5.44E-02	1.08E-05	3.27E-05	1.89E-05	2.05E-05	1.85E-05	8.46E-06	1.36E-05	3.61E-07	8.73E-06	1.93E-06	2.78E-06	4.41E-06	7.77E-07	7.15E-06	2.61E-05
308	488667.32	3858059.41	3.01E-02	3.26E-02	5.25E-02	1.04E-05	3.15E-05	1.82E-05	1.97E-05	1.79E-05	8.16E-06	1.31E-05	3.48E-07	8.42E-06	1.86E-06	2.68E-06	4.25E-06	7.49E-07	6.89E-06	2.52E-05

309	488417.32	3858109.41	3.75E-02	4.06E-02	6.55E-02	1.30E-05	3.92E-05	2.27E-05	2.46E-05	2.23E-05	1.02E-05	1.64E-05	4.34E-07	1.05E-05	2.31E-06	3.33E-06	5.29E-06	9.32E-07	8.61E-06	3.14E-05
310	488467.32	3858109.41	3.57E-02	3.87E-02	6.24E-02	1.24E-05	3.74E-05	2.16E-05	2.34E-05	2.12E-05	9.68E-06	1.56E-05	4.13E-07	9.98E-06	2.20E-06	3.18E-06	5.04E-06	8.88E-07	8.19E-06	2.99E-05
311	488517.32	3858109.41	3.41E-02	3.69E-02	5.95E-02	1.18E-05	3.57E-05	2.07E-05	2.23E-05	2.03E-05	9.24E-06	1.49E-05	3.95E-07	9.53E-06	2.10E-06	3.03E-06	4.81E-06	8.48E-07	7.81E-06	2.85E-05
312	488567.32	3858109.41	3.27E-02	3.54E-02	5.69E-02	1.13E-05	3.42E-05	1.98E-05	2.14E-05	1.94E-05	8.85E-06	1.42E-05	3.78E-07	9.13E-06	2.01E-06	2.91E-06	4.61E-06	8.12E-07	7.48E-06	2.73E-05
313	488617.32	3858109.41	3.13E-02	3.39E-02	5.45E-02	1.09E-05	3.28E-05	1.90E-05	2.05E-05	1.86E-05	8.48E-06	1.36E-05	3.62E-07	8.75E-06	1.93E-06	2.79E-06	4.42E-06	7.79E-07	7.16E-06	2.62E-05
314	488667.32	3858109.41	3.02E-02	3.26E-02	5.25E-02	1.04E-05	3.15E-05	1.83E-05	1.97E-05	1.79E-05	8.16E-06	1.31E-05	3.49E-07	8.42E-06	1.86E-06	2.68E-06	4.25E-06	7.49E-07	6.89E-06	2.52E-05
315	488769.93	3858449.27	2.28E-02	2.45E-02	3.83E-02	7.88E-06	2.38E-05	1.38E-05	1.48E-05	1.34E-05	6.13E-06	9.60E-06	2.63E-07	6.35E-06	1.40E-06	2.01E-06	3.19E-06	5.63E-07	5.04E-06	1.88E-05
316	488819.93	3858449.27	2.19E-02	2.36E-02	3.70E-02	7.60E-06	2.29E-05	1.33E-05	1.43E-05	1.30E-05	5.92E-06	9.26E-06	2.54E-07	6.13E-06	1.35E-06	1.94E-06	3.08E-06	5.43E-07	4.86E-06	1.82E-05
317	488819.93	3858499.27	2.08E-02	2.24E-02	3.46E-02	7.20E-06	2.17E-05	1.26E-05	1.35E-05	1.23E-05	5.60E-06	8.65E-06	2.40E-07	5.81E-06	1.28E-06	1.84E-06	2.92E-06	5.14E-07	4.54E-06	1.71E-05
318	488869.93	3858499.27	2.01E-02	2.17E-02	3.35E-02	6.97E-06	2.11E-05	1.22E-05	1.31E-05	1.19E-05	5.42E-06	8.39E-06	2.33E-07	5.62E-06	1.24E-06	1.78E-06	2.82E-06	4.98E-07	4.40E-06	1.66E-05
319	488869.93	3858549.27	1.92E-02	2.06E-02	3.14E-02	6.63E-06	2.00E-05	1.16E-05	1.24E-05	1.13E-05	5.15E-06	7.85E-06	2.22E-07	5.35E-06	1.18E-06	1.69E-06	2.68E-06	4.73E-07	4.12E-06	1.57E-05
320	489438.17	3859571.48	4.45E-03	4.80E-03	7.52E-03	1.54E-06	4.66E-06	2.69E-06	2.90E-06	2.63E-06	1.20E-06	1.88E-06	5.15E-08	1.24E-06	2.74E-07	3.94E-07	6.25E-07	1.10E-07	9.87E-07	3.69E-06
321	489488.17	3859571.48	4.43E-03	4.77E-03	7.48E-03	1.53E-06	4.63E-06	2.68E-06	2.89E-06	2.62E-06	1.19E-06	1.87E-06	5.12E-08	1.24E-06	2.73E-07	3.92E-07	6.22E-07	1.10E-07	9.83E-07	3.67E-06
322	489538.17	3859571.48	4.41E-03	4.75E-03	7.45E-03	1.53E-06	4.61E-06	2.67E-06	2.87E-06	2.61E-06	1.19E-06	1.86E-06	5.10E-08	1.23E-06	2.72E-07	3.90E-07	6.19E-07	1.09E-07	9.78E-07	3.65E-06
323	489588.17	3859571.48	4.39E-03	4.73E-03	7.41E-03	1.52E-06	4.59E-06	2.66E-06	2.86E-06	2.59E-06	1.18E-06	1.86E-06	5.07E-08	1.23E-06	2.70E-07	3.89E-07	6.16E-07	1.09E-07	9.74E-07	3.63E-06
324	489438.17	3859621.48	4.30E-03	4.63E-03	7.26E-03	1.49E-06	4.49E-06	2.60E-06	2.80E-06	2.54E-06	1.16E-06	1.82E-06	4.97E-08	1.20E-06	2.65E-07	3.81E-07	6.04E-07	1.06E-07	9.54E-07	3.56E-06
325	489488.17	3859621.48	4.27E-03	4.61E-03	7.22E-03	1.48E-06	4.47E-06	2.59E-06	2.79E-06	2.53E-06	1.15E-06	1.81E-06	4.94E-08	1.19E-06	2.63E-07	3.78E-07	6.00E-07	1.06E-07	9.49E-07	3.54E-06
326	489538.17	3859621.48	4.25E-03	4.58E-03	7.18E-03	1.47E-06	4.44E-06	2.57E-06	2.77E-06	2.51E-06	1.15E-06	1.80E-06	4.91E-08	1.19E-06	2.62E-07	3.76E-07	5.97E-07	1.05E-07	9.44E-07	3.52E-06
327	489588.17	3859621.48	4.23E-03	4.56E-03	7.16E-03	1.47E-06	4.42E-06	2.56E-06	2.76E-06	2.50E-06	1.14E-06	1.79E-06	4.89E-08	1.18E-06	2.61E-07	3.75E-07	5.95E-07	1.05E-07	9.40E-07	3.51E-06
328	489238.17	3859671.48	4.23E-03	4.56E-03	7.16E-03	1.47E-06	4.43E-06	2.56E-06	2.76E-06	2.50E-06	1.14E-06	1.79E-06	4.90E-08	1.18E-06	2.61E-07	3.75E-07	5.95E-07	1.05E-07	9.40E-07	3.51E-06
329	489288.17	3859671.48	4.22E-03	4.55E-03	7.13E-03	1.46E-06	4.41E-06	2.55E-06	2.75E-06	2.49E-06	1.14E-06	1.78E-06	4.88E-08	1.18E-06	2.60E-07	3.73E-07	5.92E-07	1.04E-07	9.36E-07	3.49E-06
330	489338.17	3859671.48	4.20E-03	4.53E-03	7.10E-03	1.45E-06	4.39E-06	2.54E-06	2.74E-06	2.48E-06	1.13E-06	1.78E-06	4.86E-08	1.17E-06	2.59E-07	3.72E-07	5.90E-07	1.04E-07	9.33E-07	3.48E-06
331	489388.17	3859671.48	4.19E-03	4.51E-03	7.08E-03	1.45E-06	4.37E-06	2.53E-06	2.73E-06	2.47E-06	1.13E-06	1.77E-06	4.84E-08	1.17E-06	2.58E-07	3.70E-07	5.88E-07	1.04E-07	9.29E-07	3.47E-06
332	489438.17	3859671.48	4.16E-03	4.48E-03	7.03E-03	1.44E-06	4.35E-06	2.52E-06	2.71E-06	2.46E-06	1.12E-06	1.76E-06	4.81E-08	1.16E-06	2.56E-07	3.68E-07	5.84E-07	1.03E-07	9.24E-07	3.45E-06
333	489488.17	3859671.48	4.14E-03	4.46E-03	7.00E-03	1.43E-06	4.33E-06	2.51E-06	2.70E-06	2.45E-06	1.12E-06	1.75E-06	4.79E-08	1.16E-06	2.55E-07	3.67E-07	5.81E-07	1.02E-07	9.20E-07	3.43E-06
334	489538.17	3859671.48	4.12E-03	4.44E-03	6.97E-03	1.43E-06	4.30E-06	2.49E-06	2.69E-06	2.43E-06	1.11E-06	1.74E-06	4.76E-08	1.15E-06	2.54E-07	3.65E-07	5.78E-07	1.02E-07	9.15E-07	3.41E-06
335	489588.17	3859671.48	4.10E-03	4.42E-03	6.93E-03	1.42E-06	4.28E-06	2.48E-06	2.67E-06	2.42E-06	1.11E-06	1.74E-06	4.74E-08	1.14E-06	2.52E-07	3.63E-07	5.75E-07	1.01E-07	9.11E-07	3.39E-06
336	489238.17	3859721.48	4.09E-03	4.41E-03	6.92E-03	1.42E-06	4.28E-06	2.48E-06	2.67E-06	2.42E-06	1.10E-06	1.73E-06	4.73E-08	1.14E-06	2.52E-07	3.62E-07	5.75E-07	1.01E-07	9.09E-07	3.39E-06
337	489288.17	3859721.48	4.09E-03	4.40E-03	6.91E-03	1.41E-06	4.27E-06	2.47E-06	2.66E-06	2.42E-06	1.10E-06	1.73E-06	4.72E-08	1.14E-06	2.52E-07	3.62E-07	5.74E-07	1.01E-07	9.08E-07	3.38E-06
338	489338.17	3859721.48	4.07E-03	4.39E-03	6.89E-03	1.41E-06	4.26E-06	2.46E-06	2.66E-06	2.41E-06	1.10E-06	1.72E-06	4.71E-08	1.14E-06	2.51E-07	3.61E-07	5.72E-07	1.01E-07	9.05E-07	3.37E-06
339	489388.17	3859721.48	4.05E-03	4.37E-03	6.86E-03	1.40E-06	4.24E-06	2.45E-06	2.64E-06	2.40E-06	1.09E-06	1.72E-06	4.69E-08	1.13E-06	2.50E-07	3.59E-07	5.69E-07	1.00E-07	9.01E-07	3.36E-06
340	489438.17	3859721.48	4.03E-03	4.35E-03	6.82E-03	1.40E-06	4.21E-06	2.44E-06	2.63E-06	2.38E-06	1.09E-06	1.71E-06	4.66E-08	1.13E-06	2.48E-07	3.57E-07	5.66E-07	9.98E-08	8.96E-07	3.34E-06
341	489488.17	3859721.48	4.02E-03	4.33E-03	6.80E-03	1.39E-06	4.20E-06	2.43E-06	2.62E-06	2.37E-06	1.08E-06	1.70E-06	4.64E-08	1.12E-06	2.47E-07	3.56E-07	5.64E-07	9.94E-08	8.93E-07	3.33E-06
342	489538.17	3859721.48	3.99E-03	4.31E-03	6.76E-03	1.38E-06	4.18E-06	2.42E-06	2.61E-06	2.36E-06	1.08E-06	1.69E-06	4.62E-08	1.12E-06	2.46E-07	3.54E-07	5.61E-07	9.89E-08	8.88E-07	3.31E-06
343	489588.17	3859721.48	3.97E-03	4.28E-03	6.73E-03	1.38E-06	4.15E-06	2.40E-06	2.59E-06	2.35E-06	1.07E-06	1.68E-06	4.59E-08	1.11E-06	2.45E-07	3.52E-07	5.58E-07	9.84E-08	8.84E-07	3.29E-06
344	489238.17	3859771.48	3.96E-03	4.27E-03	6.70E-03	1.37E-06	4.14E-06	2.40E-06	2.58E-06	2.34E-06	1.07E-06	1.68E-06	4.58E-08	1.11E-06	2.44E-07	3.51E-07	5.56E-07	9.80E-08	8.80E-07	3.28E-06
345	489288.17	3859771.48	3.96E-03	4.26E-03	6.70E-03	1.37E-06	4.14E-06	2.39E-06	2.58E-06	2.34E-06	1.07E-06	1.68E-06	4.57E-08	1.10E-06	2.44E-07	3.50E-07	5.56E-07	9.79E-08	8.80E-07	3.28E-06
346	489338.17	3859771.48	3.94E-03	4.25E-03	6.67E-03	1.36E-06	4.12E-06	2.39E-06	2.57E-06	2.33E-06	1.06E-06	1.67E-06	4.56E-08	1.10E-06	2.43E-07	3.49E-07	5.54E-07	9.76E-08	8.77E-07	3.27E-06
347	489388.17	3859771.48	3.93E-03	4.24E-03	6.65E-03	1.36E-06	4.11E-06	2.38E-06	2.56E-06	2.32E-06	1.06E-06	1.67E-06	4.54E-08	1.10E-06	2.42E-07	3.48E-07	5.52E-07	9.73E-08	8.74E-07	3.26E-06
348	489438.17	3859771.48	3.91E-03	4.21E-03	6.62E-03	1.35E-06	4.09E-06	2.37E-06	2.55E-06	2.31E-06	1.05E-06	1.66E-06	4.52E-08	1.09E-06	2.41E-07	3.46E-07	5.49E-07	9.68E-08	8.70E-07	3.24E-06
349	489488.17	3859771.48	3.90E-03	4.20E-03	6.61E-03	1.35E-06	4.08E-06	2.36E-06	2.54E-06	2.31E-06	1.05E-06	1.65E-06	4.51E-08	1.09E-06	2.40E-07	3.45E-07	5.48E-07	9.65E-08	8.68E-07	3.23E-06
350	489538.17	3859771.48	3.88E-03	4.19E-03	6.58E-03	1.34E-06	4.06E-06	2.35E-06	2.53E-06	2.30E-06	1.05E-06	1.65E-06	4.49E-08	1.08E-06	2.39E-07	3.44E-07	5.45E-07	9.61E-08	8.64E-07	3.22E-06
351	489588.17	3859771.48	3.86E-03	4.16E-03	6.54E-03	1.34E-06	4.03E-06	2.34E-06	2.52E-06	2.28E-06	1.04E-06	1.64E-06	4.46E-08	1.08E-06	2.38E-07	3.42E-07	5.42E-07	9.56E-08	8.59E-07	3.20E-06
352	489238.17	3859821.48	3.83E-03	4.13E-03	6.48E-03	1.33E-06	4.00E-06	2.32E-06	2.50E-06	2.26E-06	1.03E-06	1.62E-06	4.43E-08	1.07E-06	2.36E-07	3.39E-07	5.38E-07	9.48E-08	8.52E-07	3.17E-06
353	489288.17	3859821.48	3.83E-03	4.13E-03	6.49E-03	1.33E-06	4.00E-06	2.32E-06	2.50E-06	2.26E-06	1.03E-06	1.62E-06	4.43E-08	1.07E-06	2.36E-07	3.39E-07	5.38E-07	9.48E-08	8.52E-07	3.17E-06
354	489338.17	3859821.48	3.82E-03	4.12E-03	6.47E-03	1.32E-06	3.99E-06	2.31E-06	2.49E-06	2.26E-06	1.03E-06	1.62E-06	4.42E-08	1.07E-06	2.35E-07	3.38E-07	5.37E-07	9.46E-08	8.50E-07	3.17E-06
355	489388.17	3859821.48	3.81E-03	4.11E-03	6.46E-03	1.32E-06	3.98E-06	2.31E-06	2.49E-06	2.25E-06	1.03E-06	1.62E-06	4.41E-08	1.06E-06	2.35E-07	3.37E-07	5.35E-07	9.44E-08	8.48E-07	3.16E-06
356	489438.17	3859821.48	3.80E-03	4.10E-03	6.45E-03	1.32E-06	3.97E-06	2.30E-06	2.48E-06	2.25E-06	1.03E-06	1.61E-06	4.40E-08	1.06E-06	2.34E-07	3.37E-07	5.34E-07	9.42E-08	8.47E-07	3.15E-06
357	489488.17	3859821.48	3.79E-03	4.09E-03	6.43E-03	1.31E-06	3.96E-06	2.29E-06	2.47E-06	2.24E-06	1.02E-06	1.61E-06	4.38E-08	1.06E-06	2.34E-07	3.36E-07	5.33E-07	9.39E-08	8.44E-07	3.14E-06
358	489538.17	3859821.48	3.78E-03	4.07E-03	6.40E-03	1.31E-06	3.95E-06	2.29E-06	2.46E-06	2.23E-06	1.02E-06	1.60E-06	4.37E-08	1.05E-06	2.33E-07	3.34E-07	5.31E-07	9.35E-08	8.41E-07	3.13E-06
359	489588.17	3859821.48	3.76E-03	4.05E-03	6.37E-03	1.30E-06	3.93E-06	2.27E-06	2.45E-06	2.22E-06	1.01E-06	1.59E-06	4.34E-08	1.05E-06	2.31E-07	3.33E-07	5.28E-07	9.30E-08	8.37E-07	3.11E-06
360	489238.17	3859871.48	3.71E-03	4.00E-03	6.28E-03	1.28E-06	3.88E-06	2.24E-06	2.42E-06	2.19E-06	1.00E-06	1.57E-06	4.29E-08	1.04E-06	2.28E-07	3.28E-07	5.21E-07	9.18E-08	8.25E-07	3.07E-06
361	489288.17	3859871.48	3.71E-03	4.00E-03	6.28E-03	1.28E-06	3.87E-06	2.24E-06	2.42E-06	2.19E-06	1.00E-06	1.57E-06	4.29E-08	1.04E-06	2.28E-07	3.28E-07	5.21E-07	9.18E-08	8.25E-07	3.07E-06
362	489338.17	3859871.48	3.70E-03	3.99E-03	6.28E-03	1.28E-06	3.87E-06	2.24E-06	2.42E-06	2.19E-06	9.99E-07	1.57E-06	4.28E-08	1.03E-06	2.28E-07	3.28E-07	5.20E-07	9.17E-08	8.25E-07	3.07E-06
363	489388.17	3859871.48	3.70E-03	3.99E-03	6.28E-03	1.28E-06	3.87E-06	2.24E-06	2.41E-06	2.19E-06	9.99E-07	1.57E-06	4.28E-08	1.03E-06	2.28E-07	3.28E-07	5.20E-07	9.16E-08	8.24E-07	3.07E-06
364	489438.17	3859871.48	3.70E-03	3.99E-03	6.28E-03	1.28E-06	3.87E-06	2.24E-06	2.41E-06	2.19E-06	9.98E-07	1.57E-06	4.28E-08	1.03E-06	2.28E-07	3.28E-07	5.20E-07	9.16E-08	8.24E-07	3.07E-06
365	489488.17	3859871.48	3.70E-03	3.99E-03	6.27E-03	1.28E-06	3.86E-06	2.24E-06	2.41E-06	2.19E-06	9.98E-07	1.57E-06	4.27E-08	1.03E-06	2.28E-07	3.27E-07	5.19E-07	9.16E-08	8.24E-07	3.07E-06
366	489538.17	3859871.48	3.68E-03	3.97E-03	6.24E-03	1.27E-06	3.84E-06	2.23E-06	2.40E-06	2.18E-06	9.92E-07	1.56E-06	4.25E-08	1.03E-06	2.27E-07	3.26E-07	5.17E-07	9.11E-08	8.20E-07	3.05E-06
367	489588.17	3859871.48	3.66E-03	3.95E-03	6.21E-03	1.27E-06	3.83E-06	2.22E-06	2.39E-06	2.16E-06	9.88E-07	1.56E-06	4.23E-08	1.02E-06	2.26E-07	3.24E-07	5.14E-07	9.07E-08	8.16E-07	3.04E-06
368	489238.17	3859921.48	3.59E-03	3.87E-03	6.09E-03	1.24E-06	3.76E-06	2.18E-06	2.34E-06	2.13E-06	9.70E-07	1.52E-06	4.16E-08	1.00E-06	2.21E-07	3.18E-07	5.05E-07	8.90E-08	8.00E-07	2.98E-06
369	489288.17	3859921.48	3.60E-03	3.88E-03	6.10E-03	1.25E-06	3.76E-06	2.18E-06	2.35E-06	2.13E-06	9.71E-07	1.53E-06	4.16E-08	1.01E-06	2.22E-07	3.19E-07	5.06E-07	8.91E-08	8.02E-07	2.98E-06
370	489338.17	3859921.48	3.60E-03	3.88E-03	6.10E-03	1.25E-06	3.76E-06	2.18E-06	2.35E-06	2.13E-06	9.71E-07	1.53E-06	4.16E-08	1.01E-06	2.22E-07	3.19E-07	5.06E-07	8.91E-08	8.02E-07	2.98E-06
371	489388.17	3859921.48	3.60E-03	3.88E-03	6.11E-03	1.25E-06	3.76E-06	2.18E-06	2.35E-06	2.13E-06	9.72E-07	1.53E-06	4.16E-08	1.01E-06	2.22E-07	3.19E-07	5.06E-07	8.92E-08	8.03E-07	2.99E-06
372	489438.17	3859921.48	3.61E-03	3.89E-03	6.12E-03	1.25E-06	3.77E-06	2.18E-06	2.35E-06	2.13E-06	9.73E-07	1.53E-06	4.17E-08	1.01E-06	2.22E-07	3.19E-07	5.07E-07	8.93E-08	8.04E-07	2.99E-06
373	489488.17	3859921.48	3.60E-03	3.88E-03	6.11E-03	1.25E-06	3.76E-06	2.18E-06	2.35E-06	2.13E-06	9.71E-07	1.53E-06	4.16E-08	1.00E-06	2.22E-07	3.19E-07	5.06E-07	8.91E-08	8.02E-07	2.98E-06
374	489538.17	3859921.48	3.59E-03	3.87E-03	6.09E-03	1.24E-06	3.75E-06	2.17E-06	2.34E-06	2.12E-06	9.67E-07	1.52E-06	4.14E-08	1.00E-06	2.21E-07	3.18E-07	5.04E-07	8.88E-08	8.00E-07	2.97E-06
375	489588.17	3859921.48	3.57E-03	3.85E-03	6.07E-03	1.24E-06	3.73E-06	2.16E-06	2.33E-06	2.11E-06	9.64E-07	1.52E-06	4.13E-08	9.98E-07	2.20E-07	3.17E-07	5.02E-07	8.85E-08	7.97E-07	2.96E-06
376	489238.17	3859971.48	3.49E-03	3.76E-03	5.91E-03	1.21E-06	3.65E-06	2.11E-06	2.27E-06	2.06E-06	9.41E-07	1.48E-06	4.03E-08	9.74E-07	2.15E-07	3.09E-07	4.90E-07	8.63E-08	7.77E-07	2.89E-06
377	489288.17	3859971.48	3.49E-03	3.76E-03	5.92E-03	1.21E-06	3.65E-06	2.11E-06	2.28E-06	2.06E-06	9.42E-07	1.48E-06	4.04E-08	9.75E-07	2.15E-07	3.09E-07	4.91E-07	8.65E-08	7.78E-07	2.89E-06
378	489338.17	3859971.48	3.50E-03	3.77E-03	5.93E-03	1.21E-06	3.65E-06	2.12E-06	2.28E-06	2.07E-06	9.44E-07	1.48E-06	4.04E-08	9.76E-07	2.15E-07	3.10E-07	4.91E-07	8.66E-08	7.79E-07	2.90E-06
379	489388.17	3859971.48	3.50E-03	3.78E-03	5.95E-03	1.21E-06	3.66E-06	2.12E-06	2.29E-06	2.07E-06	9.46E-07	1.49E-06	4.05E-08	9.79E-07	2.16E-07	3.10E-07	4.92E-07	8.68E-08	7.81E-07	2.91E-06
380	489438.17	3859971.48	3.51E-03	3.79E-03	5.97E-03	1.22E-06	3.67E-06	2.12E-06	2.29E-06	2.08E-06	9.48E-07	1.49E-06	4.06E-08	9.81E-07	2.16E-07	3.11E-07	4.93E-07	8.70E-08	7.84E-07	2.91E-06
381	489488.17	3859971.48	3.51E-03	3.79E-03	5.98E-03	1.22E-06	3.67E-06	2.13E-06	2.29E-06	2.08E-06	9.48E-07	1.50E-06	4.06E-08	9.81E-07	2.17E-07	3.11E-07	4.94E-07	8.70E-08	7.85E-07	2.92E-06
382	489538.17	3859971.48	3.51E-03	3.78E-03	5.97E-03	1.21E-06	3.67E-06	2.12E-06	2.29E-06	2.07E-06	9.47E-07	1.49E-06	4.05E-08	9.79E-07	2.16E-07	3.11E-07	4.93E-07	8.69E-08	7.84E-07	2.91E-06
383	489588.17	3859971.48	3.49E-03	3.77E-03	5.95E-03	1.21E-06	3.65E-06	2.11E-06	2.28E-06	2.07E-06	9.43E-07	1.49E-06	4.04E-08	9.76E-07	2.15E-07	3.10E-07	4.91E-07	8.66E-08	7.81E-07	2.90E-06
384	483577.7	3854071	1.45E-02	1.58E-02	2.64E-02	5.02E-06	1.52E-05	8.77E-06	9.54E-06	8.65E-06	3.95E-06	6.60E-06	1.68E-07	4.05E-06	8.93E-07	1.30E-06	2.05E-06	3.62E-07	3.46E-06	1.23E-05
385	483627.7	3854071	1.38E-02	1.50E-02	2.50E-02	4.77E-06	1.44E-05	8.34E-06	9.07E-06	8.22E-06	3.75E-06	6.26E-06	1.59E-07	3.85E-06	8.49E-07	1.23E-06	1.95E-06	3.44E-07	3.29E-06	1.17E-05
386	483677.7	3854071	1.31E-02	1.42E-02	2.37E-02	4.52E-06	1.37E-05	7.91E-06	8.59E-06	7.79E-06	3.55E-06	5.92E-06	1.51E-07	3.65E-06	8.05E-07	1.17E-06	1.85E-06	3.26E-07	3.11E-06	1.11E-05
387	483727.7	3854071	1.24E-02	1.35E-02	2.24E-02	4.29E-06	1.30E-05	7.50E-06	8.15E-06	7.39E-06	3.37E-06	5.61E-06	1.43E-07	3.46E-06	7.64E-07	1.11E-06	1.76E-06	3.10E-07	2.94E-06	1.05E-05
388	483777.7	3854071	1.16E-02	1.26E-02	2.09E-02	4.01E-06	1.21E-05	7.01E-06	7.62E-06	6.91E-06	3.15E-06	5.23E-06	1.34E-07	3.24E-06	7.14E-07	1.03E-06	1.64E-06	2.89E-07	2.74E-06	9.79E-06
389	483577.7	3854121	1.60E-02	1.75E-02	2.94E-02	5.55E-06	1.68E-05	9.71E-06	1.06E-05	9.58E-06	4.37E-06	7.35E-06	1.85E-07	4.48E-06	9.88E-07	1.43E-06	2.28E-06	4.01E-07	3.86E-06	1.36E-05
390	483627.7	3854121	1.50E-02	1.64E-02	2.75E-02	5.21E-06	1.57E-05	9.11E-06	9.91E-06	8.98E-06	4.10E-06	6.87E-06	1.74E-07	4.20E-06	9.27E-07	1.35E-06	2.13E-06	3.76E-07	3.61E-06	1.28E-05
391	483677.7	3854121	1.40E-02	1.52E-02	2.55E-02	4.85E-06	1.46E-05	8.47E-06	9.22E-06	8.35E-06	3.81E-06	6.37E-06	1.62E-07	3.91E-06	8.63E-07	1.25E-06	1.99E-06	3.50E-07	3.35E-06	1.19E-05
392	483727.7	3854121	1.30E-02	1.41E-02	2.36E-02	4.50E-06	1.36E-05	7.87E-06	8.55E-06	7.75E-06	3.54E-06	5.90E-06	1.50E-07	3.63E-06	8.01E-07	1.16E-06	1.84E-06	3.25E-07	3.10E-06	1.10E-05
393	483777.7	3854121	1.23E-02	1.33E-02	2.22E-02	4.25E-06	1.28E-05	7.43E-06	8.08E-06	7.32E-06	3.34E-06	5.56E-06	1.42E-07	3.43E-06	7.57E-07	1.10E-06	1.74E-06	3.07E-07	2.92E-06	1.04E-05
394	483577.7	3854171	1.72E-02	1.88E-02	3.17E-02	5.97E-06	1.80E-05	1.04E-05	1.14E-05	1.03E-05	4.70E-06	7.92E-06	1.99E-07	4.81E-06	1.06E-06	1.54E-06	2.45E-06	4.31E-07	4.16E-06	1.47E-05
395	483627.7	3854171	1.59E-02	1.73E-02	2.90E-02	5.49E-06	1.66E-05	9.60E-06	1.04E-05	9.47E-06	4.32E-06	7.26E-06	1.83E-07	4.43E-06	9.77E-07	1.42E-06	2.25E-06	3.96E-07	3.81E-06	1.35E-05
396	483677.7	3854171	1.48E-02	1.61E-02	2.69E-02	5.12E-06	1.54E-05	8.94E-06	9.73E-06	8.82E-06	4.02E-06	6.74E-06	1.71E-07	4.13E-06	9.10E-07	1.32E-06	2.10E-06	3.69E-07	3.54E-06	1.25E-05
397	483727.7	3854171	1.39E-02	1.51E-02	2.53E-02	4.81E-06	1.45E-05	8.40E-06	9.14E-06	8.29E-06	3.78E-06	6.32E-06	1.61E-07	3.88E-06	8.56E-07	1.24E-06	1.97E-06	3.47E-07	3.32E-06	1.18E-05
398	483777.7	3854171	1.30E-02	1.41E-02	2.36E-02	4.50E-06	1.36E-05	7.87E-06	8.56E-06	7.76E-06	3.54E-06	5.91E-06	1.50E-07	3.63E-06	8.02E-07	1.16E-06	1.84E-06	3.25E-07	3.10E-06	1.10E-05
399	483827.7	3854171	1.20E-02	1.30E-02	2.16E-02	4.14E-06	1.25E-05	7.24E-06	7.87E-06	7.13E-06	3.25E-06	5.42E-06	1.38E-07	3.34E-06	7.37E-07	1.07E-06	1.69E-06	2.99E-07	2.84E-06	1.01E-05
400	483877.7	3854171	1.13E-02	1.23E-02	2.05E-02	3.92E-06	1.18E-05	6.86E-06	7.45E-06	6.75E-06	3.08E-06	5.12E-06	1.31E-07	3.16E-06	6.98E-07	1.01E-06	1.60E-06	2.83E-07	2.69E-06	9.58E-06
401	483727.7	3854221	1.49E-02	1.62E-02	2.71E-02	5.16E-06	1.56E-05	9.02E-06	9.82E-06	8.90E-06	4.06E-06	6.79E-06	1.72E-07	4.16E-06	9.19E-07	1.33E-06	2.11E-06	3.73E-07	3.56E-06	1.26E-05
402	483777.7	3854221	1.39E-02	1.51E-02	2.52E-02	4.81E-06	1.45E-05	8.40E-06	9.14E-06	8.28E-06	3.78E-06	6.31E-06	1.61E-07	3.88E-06	8.56E-07	1.24E-06	1.97E-06	3.47E-07	3.31E-06	1.18E-05
403	483827.7	3854221	1.34E-02	1.45E-02	2.42E-02	4.62E-06	1.40E-05	8.08E-06	8.78E-06	7.96E-06	3.63E-06	6.05E-06	1.54E-07	3.73E-06	8.23E-07	1.19E-06	1.89E-06	3.33E-07	3.18E-06	1.13E-05
404	483877.7	3854221	1.24E-02	1.35E-02	2.24E-02	4.29E-06	1.30E-05	7.51E-06	8.16E-06	7.39E-06	3.37E-06	5.61E-06	1.43E-07	3.46E-06	7.64E-07	1.11E-06	1.76E-06	3.10E-07	2.94E-06	1.05E-05
405	489150.19	3858726.45	1.44E-02	1.53E-02	2.27E-02	4.97E-06	1.50E-05	8.69E-06	9.28E-06	8.42E-06	3.84E-06	5.68E-06	1.66E-07	4.01E-06	8.84E-07	1.26E-06	2.00E-06	3.52E-07	2.98E-06	1.17E-05
406	489200.19	3858726.45	1.40E-02	1.49E-02	2.22E-02	4.83E-06	1.46E-05	8.44E-06	9.03E-06	8.19E-06	3.74E-06	5.56E-06	1.61E-07	3.90E-06	8.60E-07	1.23E-06	1.95E-06	3.43E-07	2.92E-06	1.13E-05
407	489150.19	3858776.45	1.38E-02	1.47E-02	2.15E-02	4.78E-06	1.44E-05	8.36E-06	8.92E-06	8.09E-06	3.69E-06	5.38E-06	1.60E-07	3.86E-06	8.51E-07	1.21E-06	1.92E-06	3.39E-07	2.82E-06	1.12E-05
408	489200.19	3858776.45	1.34E-02	1.43E-02	2.10E-02	4.63E-06	1.40E-05	8.09E-06	8.64E-06	7.84E-06	3.58E-06	5.26E-06	1.55E-07	3.73E-06	8.24E-07	1.17E-06	1.86E-06	3.28E-07	2.76E-06	1.08E-05
409	488919.6	3856400.76	1.64E-02	1.77E-02	2.83E-02	5.68E-06	1.71E-05	9.92E-06	1.07E-05	9.72E-06	4.43E-06	7.08E-06	1.90E-07	4.58E-06	1.01E-06	1.46E-06	2.31E-06	4.07E-07	3.72E-06	1.37E-05
410	488919.6	3856450.76	1.68E-02	1.81E-02	2.89E-02	5.80E-06	1.75E-05	1.01E-05	1.10E-05	9.93E-06	4.53E-06	7.23E-06	1.94E-07	4.68E-06	1.03E-06	1.49E-06	2.36E-06	4.16E-07	3.80E-06	1.40E-05
411	488969.6	3856450.76	1.65E-02	1.78E-02	2.85E-02	5.72E-06	1.73E-05	1.00E-05	1.08E-05	9.79E-06	4.47E-06	7.13E-06	1.91E-07	4.61E-06	1.02E-06	1.47E-06	2.33E-06	4.10E-07	3.74E-06	1.38E-05
412	488919.6	3856500.76	1.71E-02	1.85E-02	2.95E-02	5.92E-06	1.79E-05	1.04E-05	1.12E-05	1.01E-05	4.63E-06	7.39E-06	1.98E-07	4.78E-06	1.05E-06	1.52E-06	2.41E-06	4.25E-07	3.88E-06	1.43E-05
413	488969.6	3856500.76	1.69E-02	1.82E-02	2.91E-02	5.84E-06	1.76E-05	1.02E-05	1.10E-05	1.00E-05	4.56E-06	7.29E-06	1.95E-07	4.71E-06	1.04E-06	1.50E-06	2.38E-06	4.19E-07	3.83E-06	1.41E-05

414	488919.6	3856550.76	1.75E-02	1.89E-02	3.02E-02	6.05E-06	1.83E-05	1.06E-05	1.14E-05	1.04E-05	4.73E-06	7.55E-06	2.02E-07	4.88E-06	1.08E-06	1.55E-06	2.46E-06	4.34E-07	3.96E-06	1.46E-05
415	488969.6	3856550.76	1.72E-02	1.86E-02	2.98E-02	5.97E-06	1.80E-05	1.04E-05	1.13E-05	1.02E-05	4.66E-06	7.45E-06	1.99E-07	4.81E-06	1.06E-06	1.53E-06	2.43E-06	4.28E-07	3.91E-06	1.44E-05
416	488819.6	3856600.76	1.84E-02	1.98E-02	3.17E-02	6.36E-06	1.92E-05	1.11E-05	1.20E-05	1.09E-05	4.97E-06	7.93E-06	2.12E-07	5.13E-06	1.13E-06	1.63E-06	2.59E-06	4.56E-07	4.16E-06	1.53E-05
417	488869.6	3856600.76	1.81E-02	1.95E-02	3.12E-02	6.26E-06	1.89E-05	1.09E-05	1.18E-05	1.07E-05	4.89E-06	7.82E-06	2.09E-07	5.05E-06	1.11E-06	1.61E-06	2.55E-06	4.49E-07	4.10E-06	1.51E-05
418	488919.6	3856600.76	1.78E-02	1.93E-02	3.08E-02	6.18E-06	1.86E-05	1.08E-05	1.17E-05	1.06E-05	4.82E-06	7.71E-06	2.06E-07	4.98E-06	1.10E-06	1.58E-06	2.51E-06	4.43E-07	4.05E-06	1.49E-05
419	488819.6	3856650.76	1.88E-02	2.03E-02	3.24E-02	6.49E-06	1.96E-05	1.13E-05	1.23E-05	1.11E-05	5.07E-06	8.10E-06	2.17E-07	5.24E-06	1.16E-06	1.66E-06	2.64E-06	4.65E-07	4.25E-06	1.56E-05
420	488869.6	3856650.76	1.85E-02	2.00E-02	3.19E-02	6.39E-06	1.93E-05	1.12E-05	1.21E-05	1.09E-05	4.99E-06	7.98E-06	2.13E-07	5.16E-06	1.14E-06	1.64E-06	2.60E-06	4.58E-07	4.19E-06	1.54E-05
421	488819.6	3856700.76	1.91E-02	2.07E-02	3.31E-02	6.63E-06	2.00E-05	1.16E-05	1.25E-05	1.13E-05	5.18E-06	8.28E-06	2.21E-07	5.34E-06	1.18E-06	1.70E-06	2.70E-06	4.75E-07	4.34E-06	1.60E-05
422	488869.6	3856700.76	1.88E-02	2.04E-02	3.26E-02	6.52E-06	1.97E-05	1.14E-05	1.23E-05	1.12E-05	5.10E-06	8.15E-06	2.18E-07	5.26E-06	1.16E-06	1.67E-06	2.65E-06	4.68E-07	4.28E-06	1.57E-05
423	488819.6	3856750.76	1.95E-02	2.11E-02	3.37E-02	6.76E-06	2.04E-05	1.18E-05	1.28E-05	1.16E-05	5.28E-06	8.44E-06	2.26E-07	5.45E-06	1.20E-06	1.73E-06	2.75E-06	4.85E-07	4.43E-06	1.63E-05
424	488869.6	3856750.76	1.92E-02	2.08E-02	3.32E-02	6.66E-06	2.01E-05	1.16E-05	1.26E-05	1.14E-05	5.20E-06	8.32E-06	2.22E-07	5.37E-06	1.18E-06	1.71E-06	2.71E-06	4.77E-07	4.36E-06	1.60E-05
425	488819.6	3857050.76	2.19E-02	2.37E-02	3.80E-02	7.60E-06	2.29E-05	1.33E-05	1.44E-05	1.30E-05	5.94E-06	9.52E-06	2.54E-07	6.13E-06	1.35E-06	1.95E-06	3.09E-06	5.45E-07	4.99E-06	1.83E-05
426	488869.6	3857050.76	2.16E-02	2.33E-02	3.73E-02	7.46E-06	2.25E-05	1.30E-05	1.41E-05	1.28E-05	5.83E-06	9.35E-06	2.49E-07	6.02E-06	1.33E-06	1.91E-06	3.04E-06	5.35E-07	4.91E-06	1.80E-05
427	488919.6	3857050.76	2.12E-02	2.29E-02	3.67E-02	7.33E-06	2.21E-05	1.28E-05	1.38E-05	1.26E-05	5.73E-06	9.18E-06	2.45E-07	5.91E-06	1.30E-06	1.88E-06	2.98E-06	5.26E-07	4.82E-06	1.77E-05
428	488819.6	3857100.76	2.23E-02	2.41E-02	3.87E-02	7.73E-06	2.33E-05	1.35E-05	1.46E-05	1.32E-05	6.04E-06	9.69E-06	2.58E-07	6.23E-06	1.38E-06	1.98E-06	3.15E-06	5.54E-07	5.08E-06	1.86E-05
429	488869.6	3857100.76	2.19E-02	2.37E-02	3.80E-02	7.59E-06	2.29E-05	1.33E-05	1.43E-05	1.30E-05	5.93E-06	9.51E-06	2.53E-07	6.12E-06	1.35E-06	1.95E-06	3.09E-06	5.44E-07	4.99E-06	1.83E-05
430	488919.6	3857100.76	2.15E-02	2.33E-02	3.73E-02	7.45E-06	2.25E-05	1.30E-05	1.41E-05	1.28E-05	5.82E-06	9.34E-06	2.49E-07	6.01E-06	1.33E-06	1.91E-06	3.03E-06	5.34E-07	4.90E-06	1.80E-05
431	488819.6	3857150.76	2.27E-02	2.46E-02	3.94E-02	7.86E-06	2.37E-05	1.37E-05	1.49E-05	1.35E-05	6.15E-06	9.86E-06	2.63E-07	6.34E-06	1.40E-06	2.02E-06	3.20E-06	5.64E-07	5.17E-06	1.90E-05
432	488869.6	3857150.76	2.23E-02	2.41E-02	3.86E-02	7.71E-06	2.33E-05	1.35E-05	1.46E-05	1.32E-05	6.03E-06	9.67E-06	2.58E-07	6.22E-06	1.37E-06	1.98E-06	3.14E-06	5.53E-07	5.08E-06	1.86E-05
433	488919.6	3857150.76	2.19E-02	2.36E-02	3.79E-02	7.57E-06	2.29E-05	1.32E-05	1.43E-05	1.30E-05	5.92E-06	9.49E-06	2.53E-07	6.11E-06	1.35E-06	1.94E-06	3.08E-06	5.43E-07	4.98E-06	1.83E-05
434	488969.6	3857150.76	2.15E-02	2.32E-02	3.72E-02	7.43E-06	2.24E-05	1.30E-05	1.40E-05	1.27E-05	5.81E-06	9.32E-06	2.48E-07	5.99E-06	1.32E-06	1.91E-06	3.02E-06	5.33E-07	4.89E-06	1.79E-05
435	488819.6	3857200.76	2.31E-02	2.50E-02	4.01E-02	8.00E-06	2.41E-05	1.40E-05	1.51E-05	1.37E-05	6.25E-06	1.00E-05	2.67E-07	6.45E-06	1.42E-06	2.05E-06	3.25E-06	5.73E-07	5.26E-06	1.93E-05
436	488869.6	3857200.76	2.27E-02	2.45E-02	3.93E-02	7.84E-06	2.37E-05	1.37E-05	1.48E-05	1.34E-05	6.13E-06	9.83E-06	2.62E-07	6.32E-06	1.40E-06	2.01E-06	3.19E-06	5.62E-07	5.16E-06	1.89E-05
437	488919.6	3857200.76	2.22E-02	2.40E-02	3.85E-02	7.69E-06	2.32E-05	1.34E-05	1.45E-05	1.32E-05	6.01E-06	9.65E-06	2.57E-07	6.20E-06	1.37E-06	1.97E-06	3.13E-06	5.52E-07	5.06E-06	1.85E-05
438	488969.6	3857200.76	2.18E-02	2.36E-02	3.78E-02	7.55E-06	2.28E-05	1.32E-05	1.43E-05	1.29E-05	5.90E-06	9.46E-06	2.52E-07	6.09E-06	1.34E-06	1.94E-06	3.07E-06	5.41E-07	4.97E-06	1.82E-05
439	488819.6	3857250.76	2.35E-02	2.54E-02	4.07E-02	8.13E-06	2.45E-05	1.42E-05	1.54E-05	1.39E-05	6.35E-06	1.02E-05	2.71E-07	6.55E-06	1.45E-06	2.08E-06	3.31E-06	5.83E-07	5.35E-06	1.96E-05
440	488869.6	3857250.76	2.30E-02	2.49E-02	3.99E-02	7.96E-06	2.40E-05	1.39E-05	1.50E-05	1.36E-05	6.23E-06	9.99E-06	2.66E-07	6.42E-06	1.42E-06	2.04E-06	3.24E-06	5.71E-07	5.24E-06	1.92E-05
441	488919.6	3857250.76	2.26E-02	2.44E-02	3.91E-02	7.81E-06	2.36E-05	1.36E-05	1.48E-05	1.34E-05	6.10E-06	9.80E-06	2.61E-07	6.30E-06	1.39E-06	2.00E-06	3.18E-06	5.60E-07	5.14E-06	1.88E-05
442	488969.6	3857250.76	2.21E-02	2.39E-02	3.84E-02	7.66E-06	2.31E-05	1.34E-05	1.45E-05	1.31E-05	5.98E-06	9.61E-06	2.56E-07	6.18E-06	1.36E-06	1.96E-06	3.12E-06	5.49E-07	5.04E-06	1.85E-05
443	488819.6	3857300.76	2.38E-02	2.58E-02	4.14E-02	8.25E-06	2.49E-05	1.44E-05	1.56E-05	1.41E-05	6.45E-06	1.04E-05	2.76E-07	6.66E-06	1.47E-06	2.12E-06	3.36E-06	5.92E-07	5.44E-06	1.99E-05
444	488869.6	3857300.76	2.34E-02	2.52E-02	4.05E-02	8.08E-06	2.44E-05	1.41E-05	1.53E-05	1.38E-05	6.32E-06	1.01E-05	2.70E-07	6.52E-06	1.44E-06	2.07E-06	3.29E-06	5.80E-07	5.33E-06	1.95E-05
445	488919.6	3857300.76	2.29E-02	2.47E-02	3.97E-02	7.92E-06	2.39E-05	1.38E-05	1.50E-05	1.36E-05	6.19E-06	9.94E-06	2.65E-07	6.39E-06	1.41E-06	2.03E-06	3.22E-06	5.68E-07	5.22E-06	1.91E-05
446	488819.6	3857450.76	2.49E-02	2.69E-02	4.32E-02	8.61E-06	2.60E-05	1.51E-05	1.63E-05	1.48E-05	6.73E-06	1.08E-05	2.88E-07	6.95E-06	1.53E-06	2.21E-06	3.51E-06	6.18E-07	5.68E-06	2.08E-05
447	488869.6	3857450.76	2.43E-02	2.63E-02	4.23E-02	8.42E-06	2.54E-05	1.47E-05	1.59E-05	1.44E-05	6.58E-06	1.06E-05	2.81E-07	6.79E-06	1.50E-06	2.16E-06	3.43E-06	6.04E-07	5.55E-06	2.03E-05
448	488919.6	3857450.76	2.38E-02	2.57E-02	4.13E-02	8.23E-06	2.49E-05	1.44E-05	1.56E-05	1.41E-05	6.44E-06	1.03E-05	2.75E-07	6.64E-06	1.47E-06	2.11E-06	3.35E-06	5.91E-07	5.43E-06	1.99E-05
449	488819.6	3857500.76	2.52E-02	2.73E-02	4.38E-02	8.72E-06	2.63E-05	1.52E-05	1.65E-05	1.49E-05	6.82E-06	1.10E-05	2.91E-07	7.04E-06	1.55E-06	2.24E-06	3.55E-06	6.26E-07	5.76E-06	2.11E-05
450	488869.6	3857500.76	2.46E-02	2.66E-02	4.28E-02	8.52E-06	2.57E-05	1.49E-05	1.61E-05	1.46E-05	6.66E-06	1.07E-05	2.85E-07	6.87E-06	1.52E-06	2.19E-06	3.47E-06	6.11E-07	5.62E-06	2.06E-05
451	488919.6	3857500.76	2.41E-02	2.60E-02	4.18E-02	8.33E-06	2.51E-05	1.46E-05	1.57E-05	1.43E-05	6.51E-06	1.05E-05	2.78E-07	6.72E-06	1.48E-06	2.14E-06	3.39E-06	5.98E-07	5.49E-06	2.01E-05
452	488819.6	3857550.76	2.55E-02	2.76E-02	4.44E-02	8.83E-06	2.67E-05	1.54E-05	1.67E-05	1.51E-05	6.90E-06	1.11E-05	2.95E-07	7.12E-06	1.57E-06	2.27E-06	3.60E-06	6.34E-07	5.83E-06	2.13E-05
453	488869.6	3857550.76	2.49E-02	2.69E-02	4.33E-02	8.62E-06	2.60E-05	1.51E-05	1.63E-05	1.48E-05	6.74E-06	1.08E-05	2.88E-07	6.96E-06	1.53E-06	2.21E-06	3.51E-06	6.19E-07	5.69E-06	2.08E-05
454	488919.6	3857550.76	2.43E-02	2.63E-02	4.23E-02	8.42E-06	2.54E-05	1.47E-05	1.59E-05	1.44E-05	6.58E-06	1.06E-05	2.81E-07	6.79E-06	1.50E-06	2.16E-06	3.43E-06	6.04E-07	5.55E-06	2.03E-05
455	489663.71	3860900.05	2.05E-03	2.21E-03	3.49E-03	7.11E-07	2.15E-06	1.24E-06	1.34E-06	1.21E-06	5.54E-07	8.73E-07	2.37E-08	5.73E-07	1.26E-07	1.82E-07	2.89E-07	5.08E-08	4.58E-07	1.70E-06
456	489813.71	3860900.05	2.07E-03	2.23E-03	3.52E-03	7.17E-07	2.16E-06	1.25E-06	1.35E-06	1.22E-06	5.59E-07	8.81E-07	2.39E-08	5.78E-07	1.28E-07	1.83E-07	2.91E-07	5.13E-08	4.62E-07	1.72E-06
457	489863.71	3860900.05	2.07E-03	2.24E-03	3.53E-03	7.18E-07	2.17E-06	1.25E-06	1.35E-06	1.23E-06	5.60E-07	8.82E-07	2.40E-08	5.79E-07	1.28E-07	1.84E-07	2.91E-07	5.13E-08	4.63E-07	1.72E-06
458	489913.71	3860900.05	2.08E-03	2.24E-03	3.54E-03	7.21E-07	2.18E-06	1.26E-06	1.36E-06	1.23E-06	5.62E-07	8.86E-07	2.41E-08	5.81E-07	1.28E-07	1.84E-07	2.93E-07	5.16E-08	4.65E-07	1.73E-06
459	489963.71	3860900.05	2.08E-03	2.25E-03	3.55E-03	7.22E-07	2.18E-06	1.26E-06	1.36E-06	1.23E-06	5.63E-07	8.88E-07	2.41E-08	5.82E-07	1.28E-07	1.85E-07	2.93E-07	5.16E-08	4.66E-07	1.73E-06
460	490013.71	3860900.05	2.09E-03	2.26E-03	3.56E-03	7.24E-07	2.19E-06	1.27E-06	1.37E-06	1.24E-06	5.65E-07	8.91E-07	2.42E-08	5.84E-07	1.29E-07	1.85E-07	2.94E-07	5.18E-08	4.68E-07	1.74E-06
461	490063.71	3860900.05	2.10E-03	2.26E-03	3.57E-03	7.26E-07	2.19E-06	1.27E-06	1.37E-06	1.24E-06	5.66E-07	8.94E-07	2.43E-08	5.86E-07	1.29E-07	1.86E-07	2.95E-07	5.20E-08	4.69E-07	1.74E-06
462	489663.71	3860950.05	2.00E-03	2.16E-03	3.41E-03	6.94E-07	2.10E-06	1.21E-06	1.31E-06	1.19E-06	5.41E-07	8.52E-07	2.32E-08	5.60E-07	1.24E-07	1.78E-07	2.82E-07	4.96E-08	4.47E-07	1.66E-06
463	489813.71	3860950.05	2.02E-03	2.18E-03	3.44E-03	6.99E-07	2.11E-06	1.22E-06	1.32E-06	1.19E-06	5.45E-07	8.60E-07	2.34E-08	5.64E-07	1.24E-07	1.79E-07	2.84E-07	5.00E-08	4.51E-07	1.68E-06
464	489863.71	3860950.05	2.02E-03	2.18E-03	3.44E-03	7.00E-07	2.11E-06	1.22E-06	1.32E-06	1.20E-06	5.46E-07	8.61E-07	2.34E-08	5.65E-07	1.25E-07	1.79E-07	2.84E-07	5.01E-08	4.52E-07	1.68E-06
465	489913.71	3860950.05	2.03E-03	2.19E-03	3.45E-03	7.03E-07	2.12E-06	1.23E-06	1.32E-06	1.20E-06	5.48E-07	8.64E-07	2.35E-08	5.67E-07	1.25E-07	1.80E-07	2.85E-07	5.03E-08	4.53E-07	1.68E-06
466	489963.71	3860950.05	2.03E-03	2.19E-03	3.46E-03	7.04E-07	2.13E-06	1.23E-06	1.33E-06	1.20E-06	5.49E-07	8.66E-07	2.35E-08	5.68E-07	1.25E-07	1.80E-07	2.86E-07	5.04E-08	4.54E-07	1.69E-06
467	490013.71	3860950.05	2.04E-03	2.20E-03	3.47E-03	7.06E-07	2.13E-06	1.23E-06	1.33E-06	1.21E-06	5.51E-07	8.69E-07	2.36E-08	5.70E-07	1.26E-07	1.81E-07	2.87E-07	5.05E-08	4.56E-07	1.69E-06
468	490063.71	3860950.05	2.05E-03	2.21E-03	3.48E-03	7.08E-07	2.14E-06	1.24E-06	1.34E-06	1.21E-06	5.52E-07	8.72E-07	2.37E-08	5.71E-07	1.26E-07	1.81E-07	2.88E-07	5.07E-08	4.57E-07	1.70E-06
469	489513.71	3861000.05	1.95E-03	2.10E-03	3.31E-03	6.74E-07	2.04E-06	1.18E-06	1.27E-06	1.15E-06	5.26E-07	8.28E-07	2.25E-08	5.44E-07	1.20E-07	1.73E-07	2.74E-07	4.82E-08	4.34E-07	1.62E-06
470	489563.71	3861000.05	1.95E-03	2.10E-03	3.31E-03	6.75E-07	2.04E-06	1.18E-06	1.27E-06	1.15E-06	5.26E-07	8.29E-07	2.25E-08	5.45E-07	1.20E-07	1.73E-07	2.74E-07	4.83E-08	4.35E-07	1.62E-06
471	489613.71	3861000.05	1.96E-03	2.11E-03	3.32E-03	6.77E-07	2.04E-06	1.18E-06	1.28E-06	1.16E-06	5.28E-07	8.31E-07	2.26E-08	5.46E-07	1.20E-07	1.73E-07	2.75E-07	4.84E-08	4.36E-07	1.62E-06
472	489663.71	3861000.05	1.96E-03	2.11E-03	3.33E-03	6.78E-07	2.05E-06	1.19E-06	1.28E-06	1.16E-06	5.29E-07	8.33E-07	2.26E-08	5.47E-07	1.21E-07	1.74E-07	2.75E-07	4.85E-08	4.37E-07	1.62E-06
473	489713.71	3861000.05	1.96E-03	2.12E-03	3.33E-03	6.79E-07	2.05E-06	1.19E-06	1.28E-06	1.16E-06	5.29E-07	8.34E-07	2.27E-08	5.48E-07	1.21E-07	1.74E-07	2.76E-07	4.86E-08	4.38E-07	1.63E-06
474	489763.71	3861000.05	1.97E-03	2.12E-03	3.34E-03	6.81E-07	2.05E-06	1.19E-06	1.28E-06	1.16E-06	5.31E-07	8.36E-07	2.27E-08	5.49E-07	1.21E-07	1.74E-07	2.76E-07	4.87E-08	4.39E-07	1.63E-06
475	489813.71	3861000.05	1.97E-03	2.13E-03	3.36E-03	6.83E-07	2.06E-06	1.19E-06	1.29E-06	1.17E-06	5.33E-07	8.40E-07	2.28E-08	5.51E-07	1.22E-07	1.75E-07	2.77E-07	4.89E-08	4.41E-07	1.64E-06
476	489863.71	3861000.05	1.98E-03	2.13E-03	3.36E-03	6.84E-07	2.06E-06	1.20E-06	1.29E-06	1.17E-06	5.33E-07	8.41E-07	2.28E-08	5.52E-07	1.22E-07	1.75E-07	2.78E-07	4.89E-08	4.41E-07	1.64E-06
477	489913.71	3861000.05	1.98E-03	2.14E-03	3.37E-03	6.86E-07	2.07E-06	1.20E-06	1.29E-06	1.17E-06	5.35E-07	8.44E-07	2.29E-08	5.53E-07	1.22E-07	1.76E-07	2.79E-07	4.91E-08	4.43E-07	1.64E-06
478	489963.71	3861000.05	1.98E-03	2.14E-03	3.38E-03	6.87E-07	2.07E-06	1.20E-06	1.30E-06	1.17E-06	5.36E-07	8.45E-07	2.29E-08	5.54E-07	1.22E-07	1.76E-07	2.79E-07	4.92E-08	4.44E-07	1.65E-06
479	490013.71	3861000.05	1.99E-03	2.15E-03	3.39E-03	6.89E-07	2.08E-06	1.20E-06	1.30E-06	1.18E-06	5.37E-07	8.48E-07	2.30E-08	5.56E-07	1.23E-07	1.76E-07	2.80E-07	4.93E-08	4.45E-07	1.65E-06
480	490063.71	3861000.05	2.00E-03	2.15E-03	3.40E-03	6.91E-07	2.09E-06	1.21E-06	1.30E-06	1.18E-06	5.39E-07	8.50E-07	2.31E-08	5.57E-07	1.23E-07	1.77E-07	2.81E-07	4.94E-08	4.46E-07	1.66E-06
481	489513.71	3861050.05	1.91E-03	2.06E-03	3.24E-03	6.60E-07	1.99E-06	1.15E-06	1.24E-06	1.13E-06	5.15E-07	8.10E-07	2.20E-08	5.32E-07	1.17E-07	1.69E-07	2.68E-07	4.72E-08	4.25E-07	1.58E-06
482	489563.71	3861050.05	1.91E-03	2.06E-03	3.24E-03	6.61E-07	1.99E-06	1.15E-06	1.25E-06	1.13E-06	5.15E-07	8.11E-07	2.21E-08	5.33E-07	1.18E-07	1.69E-07	2.68E-07	4.73E-08	4.26E-07	1.58E-06
483	489613.71	3861050.05	1.91E-03	2.06E-03	3.25E-03	6.63E-07	2.00E-06	1.16E-06	1.25E-06	1.13E-06	5.17E-07	8.14E-07	2.21E-08	5.35E-07	1.18E-07	1.70E-07	2.69E-07	4.74E-08	4.27E-07	1.59E-06
484	489663.71	3861050.05	1.92E-03	2.07E-03	3.25E-03	6.63E-07	2.00E-06	1.16E-06	1.25E-06	1.13E-06	5.17E-07	8.14E-07	2.21E-08	5.35E-07	1.18E-07	1.70E-07	2.69E-07	4.74E-08	4.27E-07	1.59E-06
485	489713.71	3861050.05	1.92E-03	2.07E-03	3.26E-03	6.64E-07	2.00E-06	1.16E-06	1.25E-06	1.13E-06	5.17E-07	8.15E-07	2.22E-08	5.35E-07	1.18E-07	1.70E-07	2.69E-07	4.75E-08	4.28E-07	1.59E-06
486	489763.71	3861050.05	1.92E-03	2.07E-03	3.27E-03	6.65E-07	2.01E-06	1.16E-06	1.25E-06	1.14E-06	5.18E-07	8.17E-07	2.22E-08	5.36E-07	1.18E-07	1.70E-07	2.70E-07	4.76E-08	4.29E-07	1.59E-06
487	489813.71	3861050.05	1.93E-03	2.08E-03	3.28E-03	6.67E-07	2.01E-06	1.17E-06	1.26E-06	1.14E-06	5.20E-07	8.20E-07	2.23E-08	5.38E-07	1.19E-07	1.71E-07	2.71E-07	4.77E-08	4.30E-07	1.60E-06
488	489863.71	3861050.05	1.93E-03	2.08E-03	3.28E-03	6.68E-07	2.02E-06	1.17E-06	1.26E-06	1.14E-06	5.21E-07	8.21E-07	2.23E-08	5.39E-07	1.19E-07	1.71E-07	2.71E-07	4.78E-08	4.31E-07	1.60E-06
489	489913.71	3861050.05	1.93E-03	2.09E-03	3.29E-03	6.70E-07	2.02E-06	1.17E-06	1.26E-06	1.14E-06	5.22E-07	8.23E-07	2.24E-08	5.40E-07	1.19E-07	1.71E-07	2.72E-07	4.79E-08	4.32E-07	1.61E-06
490	489963.71	3861050.05	1.94E-03	2.09E-03	3.30E-03	6.71E-07	2.03E-06	1.17E-06	1.26E-06	1.15E-06	5.23E-07	8.25E-07	2.24E-08	5.41E-07	1.19E-07	1.72E-07	2.72E-07	4.80E-08	4.33E-07	1.61E-06
491	490013.71	3861050.05	1.95E-03	2.10E-03	3.31E-03	6.74E-07	2.03E-06	1.18E-06	1.27E-06	1.15E-06	5.25E-07	8.29E-07	2.25E-08	5.43E-07	1.20E-07	1.72E-07	2.73E-07	4.82E-08	4.35E-07	1.61E-06
492	490063.71	3861050.05	1.95E-03	2.10E-03	3.32E-03	6.75E-07	2.04E-06	1.18E-06	1.27E-06	1.15E-06	5.26E-07	8.30E-07	2.25E-08	5.44E-07	1.20E-07	1.73E-07	2.74E-07	4.83E-08	4.36E-07	1.62E-06
493	489513.71	3861100.05	1.87E-03	2.02E-03	3.17E-03	6.47E-07	1.95E-06	1.13E-06	1.22E-06	1.11E-06	5.05E-07	7.95E-07	2.16E-08	5.22E-07	1.15E-07	1.66E-07	2.63E-07	4.63E-08	4.17E-07	1.55E-06
494	489563.71	3861100.05	1.87E-03	2.01E-03	3.17E-03	6.47E-07	1.95E-06	1.13E-06	1.22E-06	1.10E-06	5.04E-07	7.94E-07	2.16E-08	5.22E-07	1.15E-07	1.65E-07	2.62E-07	4.63E-08	4.17E-07	1.55E-06
495	489613.71	3861100.05	1.87E-03	2.01E-03	3.17E-03	6.46E-07	1.95E-06	1.13E-06	1.22E-06	1.10E-06	5.03E-07	7.93E-07	2.16E-08	5.21E-07	1.15E-07	1.65E-07	2.62E-07	4.62E-08	4.16E-07	1.55E-06
496	489663.71	3861100.05	1.87E-03	2.02E-03	3.17E-03	6.47E-07	1.95E-06	1.13E-06	1.22E-06	1.11E-06	5.04E-07	7.95E-07	2.16E-08	5.22E-07	1.15E-07	1.66E-07	2.63E-07	4.63E-08	4.17E-07	1.55E-06
497	489713.71	3861100.05	1.87E-03	2.02E-03	3.18E-03	6.48E-07	1.96E-06	1.13E-06	1.22E-06	1.11E-06	5.05E-07	7.96E-07	2.16E-08	5.23E-07	1.15E-07	1.66E-07	2.63E-07	4.64E-08	4.18E-07	1.55E-06
498	489763.71	3861100.05	1.88E-03	2.02E-03	3.19E-03	6.49E-07	1.96E-06	1.14E-06	1.22E-06	1.11E-06	5.06E-07	7.98E-07	2.17E-08	5.24E-07	1.16E-07	1.66E-07	2.64E-07	4.65E-08	4.19E-07	1.56E-06
499	489813.71	3861100.05	1.88E-03	2.03E-03	3.20E-03	6.51E-07	1.97E-06	1.14E-06	1.23E-06	1.11E-06	5.08E-07	8.00E-07	2.17E-08	5.25E-07	1.16E-07	1.67E-07	2.64E-07	4.66E-08	4.20E-07	1.56E-06
500	489863.71	3861100.05	1.89E-03	2.04E-03	3.21E-03	6.53E-07	1.97E-06	1.14E-06	1.23E-06	1.12E-06	5.10E-07	8.03E-07	2.18E-08	5.27E-07	1.16E-07	1.67E-07	2.65E-07	4.68E-08	4.22E-07	1.57E-06
501	489913.71	3861100.05	1.89E-03	2.04E-03	3.21E-03	6.54E-07	1.98E-06	1.14E-06	1.23E-06	1.12E-06	5.10E-07	8.04E-07	2.18E-08	5.28E-07	1.16E-07	1.67E-07	2.66E-07	4.68E-08	4.22E-07	1.57E-06
502	489963.71	3861100.05	1.89E-03	2.04E-03	3.22E-03	6.56E-07	1.98E-06	1.15E-06	1.24E-06	1.12E-06	5.11E-07	8.06E-07	2.19E-08	5.29E-07	1.17E-07	1.68E-07	2.66E-07	4.69E-08	4.23E-07	1.57E-06
503	490013.71	3861100.05	1.90E-03	2.05E-03	3.23E-03	6.57E-07	1.98E-06	1.15E-06	1.24E-06	1.12E-06	5.12E-07	8.08E-07	2.19E-08	5.30E-07	1.17E-07	1.68E-07	2.67E-07	4.70E-08	4.24E-07	1.57E-06
504	490063.71	3861100.05	1.90E-03	2.05E-03	3.24E-03	6.59E-07	1.99E-06	1.15E-06	1.24E-06	1.13E-06	5.13E-07	8.10E-07	2.20E-08	5.31E-07	1.17E-07	1.69E-07	2.67E-07	4.71E-08	4.25E-07	1.58E-06
505	489713.71	3861150.05	1.83E-03	1.97E-03	3.11E-03	6.34E-07	1.91E-06	1.11E-06	1.19E-06	1.08E-06	4.94E-07	7.78E-07	2.12E-08	5.11E-07	1.13E-07	1.62E-07	2.57E-07	4.53E-08	4.09E-07	1.52E-06
506	489763.71	3861150.05	1.83E-03	1.98E-03	3.12E-03	6.35E-07	1.92E-06	1.11E-06	1.20E-06	1.09E-06	4.95E-07	7.80E-07	2.12E-08	5.12E-07	1.13E-07	1.63E-07	2.58E-07	4.54E-08	4.10E-07	1.52E-06
507	489813.71	3861150.05	1.84E-03	1.98E-03	3.13E-03	6.37E-07	1.92E-06	1.11E-06	1.20E-06	1.09E-06	4.96E-07	7.82E-07	2.13E-08	5.14E-07	1.13E-07	1.63E-07	2.58E-07	4.56E-08	4.11E-07	1.53E-06
508	489863.71	3861150.05	1.84E-03	1.99E-03	3.13E-03	6.38E-07	1.93E-06	1.12E-06	1.20E-06	1.09E-06	4.97E-07	7.84E-07	2.13E-08	5.15E-07	1.14E-07	1.63E-07	2.59E-07	4.56E-08	4.12E-07	1.53E-06
509	489913.71	3861150.05	1.85E-03	1.99E-03	3.14E-03	6.39E-07	1.93E-06	1.12E-06	1.20E-06	1.09E-06	4.98E-07	7.86E-07	2.13E-08	5.16E-07	1.14E-07	1.64E-07	2.59E-07	4.57E-08	4.12E-07	1.53E-06
510	489963.71	3861150.05	1.85E-03	1.99E-03	3.15E-03	6.40E-07	1.93E-06	1.12E-06	1.21E-06	1.09E-06	4.99E-07	7.87E-07	2.14E-08	5.16E-07	1.14E-07	1.64E-07	2.60E-07	4.58E-08	4.13E-07	1.53E-06
511	490013.71	3861150.05	1.85E-03	2.00E-03	3.15E-03	6.41E-07	1.94E-06	1.12E-06	1.21E-06	1.10E-06	5.00E-07	7.89E-07	2.14E-08	5.17E-07	1.14E-07	1.64E-07	2.60E-07	4.59E-08	4.14E-07	1.54E-06
512	490063.71	3861150.05	1.86E-03	2.00E-03	3.16E-03	6.43E-07	1.94E-06	1.12E-06	1.21E-06	1.10E-06	5.01E-07	7.91E-07	2.15E-08	5.19E-07	1.14E-07	1.65E-07	2.61E-07	4.60E-08	4.15E-07	1.54E-06
513	489613.71	3861200.05	1.78E-03	1.92E-03	3.03E-03	6.17E-07	1.86E-06	1.08E-06	1.16E-06	1.05E-06	4.81E-07	7.58E-07	2.06E-08	4.98E-07	1.10E-07	1.58E-07	2.51E-07	4.42E-08	3.98E-07	1.48E-06
514	489663.71	3861200.05	1.79E-03	1.93E-03	3.04E-03	6.19E-07	1.87E-06	1.08E-06	1.17E-06	1.06E-06	4.82E-07	7.60E-07	2.07E-08	4.99E-07	1.10E-07	1.58E-07	2.51E-07	4.43E-08	3.99E-07	1.48E-06
515	489713.71	3861200.05	1.79E-03	1.93E-03	3.04E-03	6.20E-07	1.87E-06	1.08E-06	1.17E-06	1.06E-06	4.83E-07	7.61E-07	2.07E-08	5.00E-07	1.10E-07	1.59E-07	2.52E-07	4.43E-08	4.00E-07	1.49E-06
516	489763.71	3861200.05	1.79E-03	1.93E-03	3.05E-03	6.21E-07	1.88E-06	1.09E-06	1.17E-06	1.06E-06	4.84E-07	7.63E-07	2.07E-08	5.01E-07	1.11E-07	1.59E-07	2.52E-07	4.44E-08	4.01E-07	1.49E-06
517	489813.71	3861200.05	1.80E-03	1.94E-03	3.06E-03	6.23E-07	1.88E-06	1.09E-06	1.17E-06	1.06E-06	4.85E-07	7.65E-07	2.08E-08	5.02E-07	1.11E-07	1.59E-07	2.53E-07	4.45E-08	4.01E-07	1.49E-06
518	489863.71	3861200.05	1.80E-03	1.94E-03	3.07E-03	6.24E-07	1.88E-06	1.09E-06	1.18E-06	1.07E-06	4.87E-07	7.67E-07	2.08E-08	5.04E-07	1.11E-07	1.60E-07	2.53E-07	4.47E-08	4.03E-07	1.50E-06

519	489913.71	3861200.05	1.81E-03	1.95E-03	3.07E-03	6.25E-07	1.89E-06	1.09E-06	1.18E-06	1.07E-06	4.87E-07	7.69E-07	2.09E-08	5.04E-07	1.11E-07	1.60E-07	2.54E-07	4.47E-08	4.03E-07	1.50E-06
520	489963.71	3861200.05	1.81E-03	1.95E-03	3.08E-03	6.26E-07	1.89E-06	1.09E-06	1.18E-06	1.07E-06	4.88E-07	7.70E-07	2.09E-08	5.05E-07	1.11E-07	1.60E-07	2.54E-07	4.48E-08	4.04E-07	1.50E-06
521	490013.71	3861200.05	1.81E-03	1.95E-03	3.08E-03	6.27E-07	1.89E-06	1.10E-06	1.18E-06	1.07E-06	4.89E-07	7.71E-07	2.09E-08	5.06E-07	1.12E-07	1.61E-07	2.55E-07	4.49E-08	4.05E-07	1.50E-06
522	490063.71	3861200.05	1.82E-03	1.96E-03	3.09E-03	6.28E-07	1.90E-06	1.10E-06	1.18E-06	1.07E-06	4.90E-07	7.73E-07	2.10E-08	5.07E-07	1.12E-07	1.61E-07	2.55E-07	4.50E-08	4.06E-07	1.51E-06
523	489513.71	3861250.05	1.74E-03	1.87E-03	2.95E-03	6.02E-07	1.82E-06	1.05E-06	1.13E-06	1.03E-06	4.69E-07	7.38E-07	2.01E-08	4.85E-07	1.07E-07	1.54E-07	2.44E-07	4.30E-08	3.88E-07	1.44E-06
524	489563.71	3861250.05	1.74E-03	1.88E-03	2.96E-03	6.03E-07	1.82E-06	1.05E-06	1.14E-06	1.03E-06	4.70E-07	7.41E-07	2.01E-08	4.87E-07	1.07E-07	1.54E-07	2.45E-07	4.32E-08	3.89E-07	1.45E-06
525	489613.71	3861250.05	1.75E-03	1.88E-03	2.97E-03	6.05E-07	1.83E-06	1.06E-06	1.14E-06	1.03E-06	4.71E-07	7.42E-07	2.02E-08	4.88E-07	1.08E-07	1.55E-07	2.45E-07	4.33E-08	3.90E-07	1.45E-06
526	489663.71	3861250.05	1.75E-03	1.89E-03	2.97E-03	6.06E-07	1.83E-06	1.06E-06	1.14E-06	1.03E-06	4.72E-07	7.44E-07	2.02E-08	4.88E-07	1.08E-07	1.55E-07	2.46E-07	4.33E-08	3.90E-07	1.45E-06
527	489713.71	3861250.05	1.75E-03	1.89E-03	2.98E-03	6.07E-07	1.83E-06	1.06E-06	1.14E-06	1.04E-06	4.73E-07	7.45E-07	2.03E-08	4.89E-07	1.08E-07	1.55E-07	2.46E-07	4.34E-08	3.91E-07	1.45E-06
528	489763.71	3861250.05	1.76E-03	1.89E-03	2.98E-03	6.08E-07	1.84E-06	1.06E-06	1.15E-06	1.04E-06	4.74E-07	7.47E-07	2.03E-08	4.90E-07	1.08E-07	1.56E-07	2.47E-07	4.35E-08	3.92E-07	1.46E-06
529	489813.71	3861250.05	1.76E-03	1.90E-03	2.99E-03	6.09E-07	1.84E-06	1.06E-06	1.15E-06	1.04E-06	4.75E-07	7.48E-07	2.03E-08	4.91E-07	1.08E-07	1.56E-07	2.47E-07	4.36E-08	3.93E-07	1.46E-06
530	489863.71	3861250.05	1.76E-03	1.90E-03	3.00E-03	6.10E-07	1.84E-06	1.07E-06	1.15E-06	1.04E-06	4.76E-07	7.50E-07	2.04E-08	4.92E-07	1.09E-07	1.56E-07	2.48E-07	4.37E-08	3.94E-07	1.46E-06
531	489913.71	3861250.05	1.77E-03	1.91E-03	3.01E-03	6.12E-07	1.85E-06	1.07E-06	1.15E-06	1.05E-06	4.77E-07	7.52E-07	2.04E-08	4.93E-07	1.09E-07	1.57E-07	2.48E-07	4.38E-08	3.95E-07	1.47E-06
532	489963.71	3861250.05	1.77E-03	1.91E-03	3.01E-03	6.13E-07	1.85E-06	1.07E-06	1.16E-06	1.05E-06	4.78E-07	7.54E-07	2.05E-08	4.94E-07	1.09E-07	1.57E-07	2.49E-07	4.39E-08	3.95E-07	1.47E-06
533	490013.71	3861250.05	1.77E-03	1.91E-03	3.02E-03	6.14E-07	1.85E-06	1.07E-06	1.16E-06	1.05E-06	4.79E-07	7.55E-07	2.05E-08	4.95E-07	1.09E-07	1.57E-07	2.49E-07	4.39E-08	3.96E-07	1.47E-06
534	490063.71	3861250.05	1.78E-03	1.91E-03	3.02E-03	6.14E-07	1.86E-06	1.07E-06	1.16E-06	1.05E-06	4.79E-07	7.56E-07	2.05E-08	4.96E-07	1.09E-07	1.57E-07	2.49E-07	4.40E-08	3.97E-07	1.47E-06
535	489528.13	3861308.47	1.70E-03	1.83E-03	2.88E-03	5.87E-07	1.77E-06	1.03E-06	1.11E-06	1.00E-06	4.58E-07	7.21E-07	1.96E-08	4.74E-07	1.05E-07	1.50E-07	2.38E-07	4.20E-08	3.78E-07	1.41E-06
536	489578.13	3861308.47	1.70E-03	1.83E-03	2.89E-03	5.89E-07	1.78E-06	1.03E-06	1.11E-06	1.01E-06	4.59E-07	7.23E-07	1.97E-08	4.75E-07	1.05E-07	1.51E-07	2.39E-07	4.21E-08	3.79E-07	1.41E-06
537	489628.13	3861308.47	1.70E-03	1.84E-03	2.89E-03	5.90E-07	1.78E-06	1.03E-06	1.11E-06	1.01E-06	4.60E-07	7.24E-07	1.97E-08	4.76E-07	1.05E-07	1.51E-07	2.39E-07	4.22E-08	3.80E-07	1.41E-06
538	489678.13	3861308.47	1.71E-03	1.84E-03	2.90E-03	5.91E-07	1.78E-06	1.03E-06	1.11E-06	1.01E-06	4.61E-07	7.26E-07	1.97E-08	4.77E-07	1.05E-07	1.51E-07	2.40E-07	4.23E-08	3.81E-07	1.42E-06
539	489728.13	3861308.47	1.71E-03	1.85E-03	2.91E-03	5.92E-07	1.79E-06	1.04E-06	1.12E-06	1.01E-06	4.62E-07	7.28E-07	1.98E-08	4.78E-07	1.05E-07	1.52E-07	2.40E-07	4.24E-08	3.82E-07	1.42E-06
540	489778.13	3861308.47	1.71E-03	1.85E-03	2.91E-03	5.93E-07	1.79E-06	1.04E-06	1.12E-06	1.01E-06	4.62E-07	7.29E-07	1.98E-08	4.78E-07	1.06E-07	1.52E-07	2.41E-07	4.24E-08	3.82E-07	1.42E-06
541	489678.13	3861358.47	1.67E-03	1.80E-03	2.84E-03	5.79E-07	1.75E-06	1.01E-06	1.09E-06	9.89E-07	4.51E-07	7.11E-07	1.93E-08	4.67E-07	1.03E-07	1.48E-07	2.35E-07	4.14E-08	3.73E-07	1.39E-06
542	489728.13	3861358.47	1.68E-03	1.81E-03	2.85E-03	5.80E-07	1.75E-06	1.01E-06	1.09E-06	9.91E-07	4.52E-07	7.12E-07	1.94E-08	4.68E-07	1.03E-07	1.48E-07	2.35E-07	4.15E-08	3.74E-07	1.39E-06
543	489528.13	3861408.47	1.63E-03	1.76E-03	2.76E-03	5.64E-07	1.70E-06	9.85E-07	1.06E-06	9.63E-07	4.39E-07	6.91E-07	1.88E-08	4.55E-07	1.00E-07	1.44E-07	2.29E-07	4.03E-08	3.63E-07	1.35E-06
544	489578.13	3861408.47	1.63E-03	1.76E-03	2.77E-03	5.65E-07	1.71E-06	9.87E-07	1.06E-06	9.65E-07	4.40E-07	6.93E-07	1.89E-08	4.56E-07	1.01E-07	1.45E-07	2.29E-07	4.04E-08	3.64E-07	1.35E-06
545	489628.13	3861408.47	1.64E-03	1.77E-03	2.78E-03	5.67E-07	1.71E-06	9.91E-07	1.07E-06	9.68E-07	4.42E-07	6.96E-07	1.89E-08	4.57E-07	1.01E-07	1.45E-07	2.30E-07	4.05E-08	3.65E-07	1.36E-06
546	489678.13	3861408.47	1.64E-03	1.77E-03	2.78E-03	5.67E-07	1.71E-06	9.92E-07	1.07E-06	9.69E-07	4.42E-07	6.97E-07	1.89E-08	4.58E-07	1.01E-07	1.45E-07	2.30E-07	4.06E-08	3.66E-07	1.36E-06
547	489728.13	3861408.47	1.64E-03	1.77E-03	2.79E-03	5.68E-07	1.72E-06	9.93E-07	1.07E-06	9.70E-07	4.43E-07	6.98E-07	1.90E-08	4.58E-07	1.01E-07	1.45E-07	2.31E-07	4.06E-08	3.66E-07	1.36E-06
548	489528.13	3861458.47	1.60E-03	1.72E-03	2.71E-03	5.53E-07	1.67E-06	9.66E-07	1.04E-06	9.44E-07	4.31E-07	6.78E-07	1.85E-08	4.46E-07	9.84E-08	1.41E-07	2.24E-07	3.95E-08	3.56E-07	1.32E-06
549	489578.13	3861458.47	1.60E-03	1.73E-03	2.72E-03	5.54E-07	1.67E-06	9.68E-07	1.04E-06	9.46E-07	4.32E-07	6.80E-07	1.85E-08	4.47E-07	9.86E-08	1.42E-07	2.25E-07	3.96E-08	3.57E-07	1.33E-06
550	489628.13	3861458.47	1.60E-03	1.73E-03	2.72E-03	5.55E-07	1.68E-06	9.70E-07	1.05E-06	9.48E-07	4.33E-07	6.81E-07	1.85E-08	4.48E-07	9.88E-08	1.42E-07	2.25E-07	3.97E-08	3.58E-07	1.33E-06
551	489678.13	3861458.47	1.61E-03	1.73E-03	2.73E-03	5.56E-07	1.68E-06	9.72E-07	1.05E-06	9.50E-07	4.33E-07	6.82E-07	1.86E-08	4.48E-07	9.89E-08	1.42E-07	2.26E-07	3.98E-08	3.58E-07	1.33E-06
552	489728.13	3861458.47	1.61E-03	1.73E-03	2.73E-03	5.56E-07	1.68E-06	9.72E-07	1.05E-06	9.50E-07	4.33E-07	6.83E-07	1.86E-08	4.48E-07	9.90E-08	1.42E-07	2.26E-07	3.98E-08	3.58E-07	1.33E-06
553	489528.13	3861508.47	1.57E-03	1.69E-03	2.66E-03	5.42E-07	1.64E-06	9.47E-07	1.02E-06	9.26E-07	4.23E-07	6.65E-07	1.81E-08	4.37E-07	9.65E-08	1.39E-07	2.20E-07	3.88E-08	3.49E-07	1.30E-06
554	489578.13	3861508.47	1.57E-03	1.69E-03	2.66E-03	5.43E-07	1.64E-06	9.49E-07	1.02E-06	9.27E-07	4.23E-07	6.66E-07	1.81E-08	4.38E-07	9.66E-08	1.39E-07	2.20E-07	3.88E-08	3.50E-07	1.30E-06
555	489628.13	3861508.47	1.57E-03	1.69E-03	2.67E-03	5.44E-07	1.64E-06	9.51E-07	1.02E-06	9.29E-07	4.24E-07	6.67E-07	1.82E-08	4.39E-07	9.68E-08	1.39E-07	2.21E-07	3.89E-08	3.50E-07	1.30E-06
556	489678.13	3861508.47	1.57E-03	1.70E-03	2.67E-03	5.44E-07	1.64E-06	9.52E-07	1.03E-06	9.30E-07	4.24E-07	6.68E-07	1.82E-08	4.39E-07	9.69E-08	1.39E-07	2.21E-07	3.89E-08	3.51E-07	1.30E-06
557	489728.13	3861508.47	1.57E-03	1.70E-03	2.67E-03	5.45E-07	1.65E-06	9.52E-07	1.03E-06	9.31E-07	4.25E-07	6.69E-07	1.82E-08	4.39E-07	9.70E-08	1.39E-07	2.21E-07	3.90E-08	3.51E-07	1.31E-06
558	489628.13	3861558.47	1.54E-03	1.66E-03	2.62E-03	5.34E-07	1.61E-06	9.33E-07	1.01E-06	9.12E-07	4.16E-07	6.55E-07	1.78E-08	4.31E-07	9.50E-08	1.37E-07	2.17E-07	3.82E-08	3.44E-07	1.28E-06
559	489678.13	3861558.47	1.55E-03	1.67E-03	2.62E-03	5.35E-07	1.62E-06	9.35E-07	1.01E-06	9.14E-07	4.17E-07	6.57E-07	1.79E-08	4.32E-07	9.52E-08	1.37E-07	2.17E-07	3.83E-08	3.45E-07	1.28E-06
560	489728.13	3861558.47	1.55E-03	1.67E-03	2.63E-03	5.36E-07	1.62E-06	9.36E-07	1.01E-06	9.15E-07	4.17E-07	6.58E-07	1.79E-08	4.32E-07	9.53E-08	1.37E-07	2.17E-07	3.83E-08	3.45E-07	1.28E-06
561	489357.08	3861015.81	1.93E-03	2.08E-03	3.27E-03	6.67E-07	2.01E-06	1.17E-06	1.26E-06	1.14E-06	5.20E-07	8.18E-07	2.23E-08	5.38E-07	1.19E-07	1.71E-07	2.71E-07	4.77E-08	4.29E-07	1.60E-06
562	489407.08	3861015.81	1.93E-03	2.08E-03	3.27E-03	6.67E-07	2.01E-06	1.17E-06	1.26E-06	1.14E-06	5.20E-07	8.18E-07	2.23E-08	5.38E-07	1.19E-07	1.71E-07	2.71E-07	4.77E-08	4.29E-07	1.60E-06
563	489457.08	3861015.81	1.93E-03	2.08E-03	3.27E-03	6.68E-07	2.02E-06	1.17E-06	1.26E-06	1.14E-06	5.20E-07	8.19E-07	2.23E-08	5.38E-07	1.19E-07	1.71E-07	2.71E-07	4.78E-08	4.30E-07	1.60E-06
564	489357.08	3861065.81	1.88E-03	2.03E-03	3.20E-03	6.52E-07	1.97E-06	1.14E-06	1.23E-06	1.11E-06	5.08E-07	8.00E-07	2.18E-08	5.26E-07	1.16E-07	1.67E-07	2.65E-07	4.67E-08	4.20E-07	1.56E-06
565	489407.08	3861065.81	1.88E-03	2.03E-03	3.20E-03	6.52E-07	1.97E-06	1.14E-06	1.23E-06	1.11E-06	5.08E-07	8.00E-07	2.18E-08	5.26E-07	1.16E-07	1.67E-07	2.65E-07	4.67E-08	4.20E-07	1.56E-06
566	489457.08	3861065.81	1.89E-03	2.03E-03	3.20E-03	6.53E-07	1.97E-06	1.14E-06	1.23E-06	1.12E-06	5.09E-07	8.01E-07	2.18E-08	5.27E-07	1.16E-07	1.67E-07	2.65E-07	4.67E-08	4.21E-07	1.56E-06
567	489357.08	3861115.81	1.84E-03	1.99E-03	3.13E-03	6.38E-07	1.93E-06	1.12E-06	1.20E-06	1.09E-06	4.97E-07	7.83E-07	2.13E-08	5.15E-07	1.14E-07	1.63E-07	2.59E-07	4.56E-08	4.11E-07	1.53E-06
568	489407.08	3861115.81	1.85E-03	1.99E-03	3.13E-03	6.39E-07	1.93E-06	1.12E-06	1.20E-06	1.09E-06	4.98E-07	7.84E-07	2.13E-08	5.16E-07	1.14E-07	1.64E-07	2.59E-07	4.57E-08	4.11E-07	1.53E-06
569	489457.08	3861115.81	1.85E-03	1.99E-03	3.14E-03	6.40E-07	1.93E-06	1.12E-06	1.21E-06	1.09E-06	4.99E-07	7.85E-07	2.14E-08	5.16E-07	1.14E-07	1.64E-07	2.60E-07	4.58E-08	4.12E-07	1.53E-06
570	489407.08	3861165.81	1.81E-03	1.95E-03	3.07E-03	6.26E-07	1.89E-06	1.09E-06	1.18E-06	1.07E-06	4.88E-07	7.68E-07	2.09E-08	5.05E-07	1.11E-07	1.60E-07	2.54E-07	4.48E-08	4.03E-07	1.50E-06
571	489457.08	3861165.81	1.81E-03	1.95E-03	3.07E-03	6.27E-07	1.89E-06	1.10E-06	1.18E-06	1.07E-06	4.88E-07	7.69E-07	2.09E-08	5.05E-07	1.12E-07	1.60E-07	2.54E-07	4.48E-08	4.03E-07	1.50E-06
572	489407.08	3861215.81	1.76E-03	1.90E-03	2.99E-03	6.11E-07	1.84E-06	1.07E-06	1.15E-06	1.04E-06	4.76E-07	7.49E-07	2.04E-08	4.92E-07	1.09E-07	1.56E-07	2.48E-07	4.37E-08	3.93E-07	1.46E-06
573	489457.08	3861215.81	1.77E-03	1.90E-03	3.00E-03	6.11E-07	1.85E-06	1.07E-06	1.15E-06	1.04E-06	4.76E-07	7.50E-07	2.04E-08	4.93E-07	1.09E-07	1.56E-07	2.48E-07	4.37E-08	3.93E-07	1.46E-06
574	489407.08	3861265.81	1.72E-03	1.85E-03	2.92E-03	5.95E-07	1.80E-06	1.04E-06	1.12E-06	1.02E-06	4.64E-07	7.30E-07	1.99E-08	4.80E-07	1.06E-07	1.52E-07	2.42E-07	4.26E-08	3.83E-07	1.43E-06
575	489457.08	3861265.81	1.72E-03	1.86E-03	2.92E-03	5.97E-07	1.80E-06	1.04E-06	1.12E-06	1.02E-06	4.65E-07	7.32E-07	1.99E-08	4.81E-07	1.06E-07	1.53E-07	2.42E-07	4.27E-08	3.84E-07	1.43E-06
576	489309.86	3861110.14	1.84E-03	1.99E-03	3.13E-03	6.38E-07	1.93E-06	1.12E-06	1.20E-06	1.09E-06	4.97E-07	7.82E-07	2.13E-08	5.15E-07	1.14E-07	1.63E-07	2.59E-07	4.56E-08	4.11E-07	1.53E-06
577	489407.08	3861315.81	1.68E-03	1.81E-03	2.86E-03	5.83E-07	1.76E-06	1.02E-06	1.10E-06	9.96E-07	4.54E-07	7.15E-07	1.95E-08	4.70E-07	1.04E-07	1.49E-07	2.37E-07	4.17E-08	3.75E-07	1.40E-06
578	489457.08	3861315.81	1.69E-03	1.82E-03	2.86E-03	5.84E-07	1.76E-06	1.02E-06	1.10E-06	9.98E-07	4.55E-07	7.17E-07	1.95E-08	4.71E-07	1.04E-07	1.49E-07	2.37E-07	4.18E-08	3.76E-07	1.40E-06
579	488906.03	3861006.75	1.92E-03	2.07E-03	3.26E-03	6.65E-07	2.01E-06	1.16E-06	1.25E-06	1.14E-06	5.19E-07	8.15E-07	2.22E-08	5.37E-07	1.18E-07	1.70E-07	2.70E-07	4.76E-08	4.28E-07	1.59E-06
580	488956.03	3861006.75	1.93E-03	2.08E-03	3.27E-03	6.68E-07	2.02E-06	1.17E-06	1.26E-06	1.14E-06	5.21E-07	8.18E-07	2.23E-08	5.39E-07	1.19E-07	1.71E-07	2.71E-07	4.78E-08	4.29E-07	1.60E-06
581	488904.24	3861051.87	1.91E-03	2.06E-03	3.23E-03	6.61E-07	2.00E-06	1.15E-06	1.24E-06	1.13E-06	5.15E-07	8.10E-07	2.21E-08	5.33E-07	1.18E-07	1.69E-07	2.68E-07	4.73E-08	4.25E-07	1.58E-06
582	488954.24	3861051.87	1.90E-03	2.05E-03	3.22E-03	6.58E-07	1.99E-06	1.15E-06	1.24E-06	1.12E-06	5.13E-07	8.06E-07	2.20E-08	5.31E-07	1.17E-07	1.68E-07	2.67E-07	4.70E-08	4.23E-07	1.57E-06
583	489004.24	3861051.87	1.91E-03	2.06E-03	3.24E-03	6.61E-07	2.00E-06	1.16E-06	1.25E-06	1.13E-06	5.15E-07	8.10E-07	2.21E-08	5.33E-07	1.18E-07	1.69E-07	2.68E-07	4.73E-08	4.25E-07	1.58E-06
584	488804.24	3861101.87	1.85E-03	1.99E-03	3.13E-03	6.41E-07	1.93E-06	1.12E-06	1.21E-06	1.09E-06	4.99E-07	7.85E-07	2.14E-08	5.17E-07	1.14E-07	1.64E-07	2.60E-07	4.58E-08	4.12E-07	1.53E-06
585	488854.24	3861101.87	1.86E-03	2.00E-03	3.15E-03	6.43E-07	1.94E-06	1.12E-06	1.21E-06	1.10E-06	5.01E-07	7.88E-07	2.15E-08	5.19E-07	1.14E-07	1.64E-07	2.61E-07	4.60E-08	4.13E-07	1.54E-06
586	488904.24	3861101.87	1.84E-03	1.98E-03	3.12E-03	6.37E-07	1.92E-06	1.11E-06	1.20E-06	1.09E-06	4.96E-07	7.80E-07	2.13E-08	5.14E-07	1.13E-07	1.63E-07	2.59E-07	4.56E-08	4.09E-07	1.53E-06
587	488954.24	3861101.87	1.84E-03	1.98E-03	3.11E-03	6.36E-07	1.92E-06	1.11E-06	1.20E-06	1.09E-06	4.95E-07	7.79E-07	2.12E-08	5.13E-07	1.13E-07	1.63E-07	2.58E-07	4.55E-08	4.09E-07	1.52E-06
588	489004.24	3861101.87	1.84E-03	1.98E-03	3.12E-03	6.37E-07	1.92E-06	1.11E-06	1.20E-06	1.09E-06	4.96E-07	7.80E-07	2.13E-08	5.14E-07	1.13E-07	1.63E-07	2.58E-07	4.55E-08	4.09E-07	1.52E-06
589	488804.24	3861151.87	1.79E-03	1.93E-03	3.02E-03	6.18E-07	1.87E-06	1.08E-06	1.16E-06	1.06E-06	4.82E-07	7.57E-07	2.06E-08	4.99E-07	1.10E-07	1.58E-07	2.51E-07	4.42E-08	3.97E-07	1.48E-06
590	488854.24	3861151.87	1.78E-03	1.92E-03	3.02E-03	6.18E-07	1.87E-06	1.08E-06	1.16E-06	1.06E-06	4.81E-07	7.57E-07	2.06E-08	4.98E-07	1.10E-07	1.58E-07	2.51E-07	4.42E-08	3.97E-07	1.48E-06
591	489129.49	3861187.55	1.77E-03	1.90E-03	2.99E-03	6.11E-07	1.85E-06	1.07E-06	1.15E-06	1.04E-06	4.76E-07	7.49E-07	2.04E-08	4.93E-07	1.09E-07	1.56E-07	2.48E-07	4.37E-08	3.93E-07	1.46E-06
592	489179.49	3861187.55	1.77E-03	1.91E-03	3.00E-03	6.12E-07	1.85E-06	1.07E-06	1.15E-06	1.05E-06	4.77E-07	7.50E-07	2.04E-08	4.94E-07	1.09E-07	1.57E-07	2.48E-07	4.38E-08	3.94E-07	1.47E-06
593	488804.24	3861201.87	1.75E-03	1.89E-03	2.96E-03	6.05E-07	1.83E-06	1.06E-06	1.14E-06	1.03E-06	4.72E-07	7.41E-07	2.02E-08	4.88E-07	1.08E-07	1.55E-07	2.46E-07	4.33E-08	3.89E-07	1.45E-06
594	488854.24	3861201.87	1.74E-03	1.88E-03	2.95E-03	6.03E-07	1.82E-06	1.05E-06	1.14E-06	1.03E-06	4.70E-07	7.39E-07	2.01E-08	4.87E-07	1.07E-07	1.54E-07	2.45E-07	4.31E-08	3.88E-07	1.44E-06
595	489129.49	3861237.55	1.73E-03	1.87E-03	2.94E-03	6.00E-07	1.81E-06	1.05E-06	1.13E-06	1.02E-06	4.68E-07	7.35E-07	2.00E-08	4.84E-07	1.07E-07	1.53E-07	2.43E-07	4.29E-08	3.86E-07	1.44E-06
596	489179.49	3861237.55	1.73E-03	1.87E-03	2.93E-03	5.99E-07	1.81E-06	1.05E-06	1.13E-06	1.02E-06	4.67E-07	7.34E-07	2.00E-08	4.83E-07	1.07E-07	1.53E-07	2.43E-07	4.29E-08	3.85E-07	1.43E-06
597	488804.24	3861251.87	1.71E-03	1.85E-03	2.90E-03	5.94E-07	1.79E-06	1.04E-06	1.12E-06	1.01E-06	4.63E-07	7.27E-07	1.98E-08	4.79E-07	1.06E-07	1.52E-07	2.41E-07	4.24E-08	3.81E-07	1.42E-06
598	488854.24	3861251.87	1.71E-03	1.84E-03	2.89E-03	5.91E-07	1.79E-06	1.03E-06	1.11E-06	1.01E-06	4.61E-07	7.24E-07	1.97E-08	4.77E-07	1.05E-07	1.51E-07	2.40E-07	4.23E-08	3.80E-07	1.42E-06
599	488804.24	3861301.87	1.68E-03	1.81E-03	2.84E-03	5.81E-07	1.75E-06	1.01E-06	1.09E-06	9.91E-07	4.52E-07	7.11E-07	1.94E-08	4.68E-07	1.03E-07	1.48E-07	2.36E-07	4.15E-08	3.73E-07	1.39E-06
600	488854.24	3861301.87	1.67E-03	1.80E-03	2.83E-03	5.79E-07	1.75E-06	1.01E-06	1.09E-06	9.89E-07	4.51E-07	7.09E-07	1.93E-08	4.67E-07	1.03E-07	1.48E-07	2.35E-07	4.14E-08	3.72E-07	1.39E-06
601	490943.5	3860181.97	2.81E-03	3.03E-03	4.79E-03	9.74E-07	2.94E-06	1.70E-06	1.84E-06	1.66E-06	7.59E-07	1.20E-06	3.25E-08	7.85E-07	1.73E-07	2.49E-07	3.95E-07	6.97E-08	6.29E-07	2.33E-06
602	490993.5	3860181.97	2.82E-03	3.04E-03	4.80E-03	9.76E-07	2.95E-06	1.71E-06	1.84E-06	1.67E-06	7.61E-07	1.20E-06	3.26E-08	7.87E-07	1.74E-07	2.50E-07	3.96E-07	6.98E-08	6.30E-07	2.34E-06
603	491043.5	3860181.97	2.83E-03	3.05E-03	4.81E-03	9.79E-07	2.96E-06	1.71E-06	1.85E-06	1.67E-06	7.63E-07	1.20E-06	3.27E-08	7.90E-07	1.74E-07	2.51E-07	3.97E-07	7.00E-08	6.32E-07	2.35E-06
604	491093.5	3860181.97	2.83E-03	3.06E-03	4.82E-03	9.81E-07	2.96E-06	1.71E-06	1.85E-06	1.68E-06	7.65E-07	1.21E-06	3.28E-08	7.91E-07	1.75E-07	2.51E-07	3.98E-07	7.02E-08	6.33E-07	2.35E-06
605	490943.5	3860231.97	2.72E-03	2.93E-03	4.62E-03	9.40E-07	2.84E-06	1.64E-06	1.77E-06	1.61E-06	7.33E-07	1.16E-06	3.14E-08	7.58E-07	1.67E-07	2.41E-07	3.82E-07	6.73E-08	6.07E-07	2.25E-06
606	490993.5	3860231.97	2.73E-03	2.94E-03	4.64E-03	9.44E-07	2.85E-06	1.65E-06	1.78E-06	1.61E-06	7.36E-07	1.16E-06	3.15E-08	7.62E-07	1.68E-07	2.42E-07	3.83E-07	6.76E-08	6.10E-07	2.26E-06
607	491043.5	3860231.97	2.73E-03	2.95E-03	4.65E-03	9.45E-07	2.85E-06	1.65E-06	1.78E-06	1.62E-06	7.37E-07	1.16E-06	3.16E-08	7.62E-07	1.68E-07	2.42E-07	3.84E-07	6.76E-08	6.11E-07	2.27E-06
608	491093.5	3860231.97	2.73E-03	2.95E-03	4.66E-03	9.47E-07	2.86E-06	1.65E-06	1.78E-06	1.62E-06	7.38E-07	1.17E-06	3.16E-08	7.64E-07	1.68E-07	2.42E-07	3.84E-07	6.77E-08	6.11E-07	2.27E-06
609	490943.5	3860281.97	2.63E-03	2.84E-03	4.48E-03	9.10E-07	2.75E-06	1.59E-06	1.72E-06	1.56E-06	7.10E-07	1.12E-06	3.04E-08	7.34E-07	1.62E-07	2.33E-07	3.70E-07	6.51E-08	5.88E-07	2.18E-06
610	490993.5	3860281.97	2.64E-03	2.84E-03	4.49E-03	9.13E-07	2.76E-06	1.60E-06	1.72E-06	1.56E-06	7.12E-07	1.12E-06	3.05E-08	7.36E-07	1.62E-07	2.34E-07	3.71E-07	6.53E-08	5.90E-07	2.19E-06
611	491043.5	3860281.97	2.64E-03	2.85E-03	4.50E-03	9.14E-07	2.76E-06	1.60E-06	1.72E-06	1.56E-06	7.13E-07	1.13E-06	3.05E-08	7.37E-07	1.63E-07	2.34E-07	3.71E-07	6.54E-08	5.91E-07	2.19E-06
612	491093.5	3860281.97	2.64E-03	2.85E-03	4.50E-03	9.15E-07	2.76E-06	1.60E-06	1.73E-06	1.56E-06	7.14E-07	1.13E-06	3.06E-08	7.38E-07	1.63E-07	2.34E-07	3.72E-07	6.55E-08	5.91E-07	2.19E-06
613	490943.5	3860331.97	2.55E-03	2.75E-03	4.34E-03	8.82E-07	2.66E-06	1.54E-06	1.66E-06	1.51E-06	6.88E-07	1.09E-06	2.95E-08	7.12E-07	1.57E-07	2.26E-07	3.58E-07	6.31E-08	5.70E-07	2.12E-06
614	490993.5	3860331.97	2.55E-03	2.75E-03	4.34E-03	8.82E-07	2.66E-06	1.54E-06	1.66E-06	1.51E-06	6.88E-07	1.09E-06	2.95E-08	7.12E-07	1.57E-07	2.26E-07	3.58E-07	6.32E-08	5.70E-07	2.12E-06
615	491043.5	3860331.97	2.55E-03	2.75E-03	4.35E-03	8.83E-07	2.67E-06	1.54E-06	1.67E-06	1.51E-06	6.89E-07	1.09E-06	2.95E-08	7.12E-07	1.57E-07	2.26E-07	3.59E-07	6.32E-08	5.71E-07	2.12E-06
616	491093.5	3860331.97	2.56E-03	2.76E-03	4.35E-03	8.85E-07	2.67E-06	1.55E-06	1.67E-06	1.51E-06	6.90E-07	1.09E-06	2.95E-08	7.14E-07	1.57E-07	2.26E-07	3.59E-07	6.33E-08	5.72E-07	2.12E-06
617	490086.72	3859935.12	3.32E-03	3.58E-03	5.63E-03	1.15E-06	3.47E-06	2.01E-06	2.16E-06	1.96E-06	8.95E-07	1.41E-06	3.83E-08	9.26E-07	2.04E-07	2.94E-07	4.66E-07	8.21E-08	7.40E-07	2.75E-06
618	490136.72	3859935.12	3.30E-03	3.56E-03	5.61E-03	1.14E-06	3.45E-06	2.00E-06	2.16E-06	1.95E-06	8.92E-07	1.40E-06	3.82E-08	9.23E-07	2.04E-07	2.93E-07	4.64E-07	8.18E-08	7.37E-07	2.74E-06
619	490186.72	3859935.12	3.30E-03	3.55E-03	5.60E-03	1.14E-06	3.44E-06	1.99E-06	2.15E-06	1.95E-06	8.89E-07	1.40E-06	3.81E-08	9.20E-07	2.03E-07	2.92E-07	4.63E-07	8.16E-08	7.35E-07	2.73E-06
620	490236.72	3859935.12	3.29E-03	3.55E-03	5.59E-03	1.14E-06	3.44E-06	1.99E-06	2.15E-06	1.95E-06	8.88E-07	1.40E-06	3.80E-08	9.19E-07	2.03E-07	2.91E-07	4.62E-07	8.15E-08	7.34E-07	2.73E-06
621	490286.72	3859935.12	3.29E-03	3.54E-03	5.58E-03	1.14E-06	3.44E-06	1.99E-06	2.14E-06	1.94E-06	8.87E-07	1.40E-06	3.80E-08	9.18E-07	2.03E-07	2.91E-07	4.62E-07	8.14E-08	7.33E-07	2.73E-06
622	490336.72	3859935.12	3.29E-03	3.54E-03	5.58E-03	1.14E-06	3.44E-06	1.99E-06	2.14E-06	1.94E-06	8.87E-07	1.40E-06	3.80E-08	9.18E-07	2.03E-07	2.91E-07	4.62E-07	8.14E-08	7.33E-07	2.73E-06
623	490386.72	3859935.12	3.29E-03	3.55E-03	5.59E-03	1.14E-06	3.44E-06	1.99E-06	2.15E-06	1.95E-06	8.88E-07	1.40E-06	3.80E-08	9.19E-07	2.03E-07	2.91E-07	4.62E-07	8.15E-08	7.34E-07	2.73E-06

624	490436.72	3859935.12	3.30E-03	3.55E-03	5.60E-03	1.14E-06	3.44E-06	1.99E-06	2.15E-06	1.95E-06	8.89E-07	1.40E-06	3.81E-08	9.20E-07	2.03E-07	2.92E-07	4.63E-07	8.16E-08	7.35E-07	2.73E-06
625	490486.72	3859935.12	3.30E-03	3.56E-03	5.61E-03	1.14E-06	3.45E-06	2.00E-06	2.16E-06	1.95E-06	8.92E-07	1.40E-06	3.82E-08	9.23E-07	2.04E-07	2.93E-07	4.64E-07	8.18E-08	7.37E-07	2.74E-06
626	490536.72	3859935.12	3.32E-03	3.58E-03	5.64E-03	1.15E-06	3.47E-06	2.01E-06	2.17E-06	1.96E-06	8.96E-07	1.41E-06	3.84E-08	9.28E-07	2.05E-07	2.94E-07	4.67E-07	8.23E-08	7.41E-07	2.76E-06
627	490586.72	3859935.12	3.34E-03	3.60E-03	5.68E-03	1.16E-06	3.49E-06	2.02E-06	2.18E-06	1.98E-06	9.02E-07	1.42E-06	3.86E-08	9.33E-07	2.06E-07	2.96E-07	4.70E-07	8.28E-08	7.46E-07	2.77E-06
628	490636.72	3859935.12	3.36E-03	3.62E-03	5.70E-03	1.16E-06	3.51E-06	2.03E-06	2.19E-06	1.99E-06	9.06E-07	1.43E-06	3.88E-08	9.37E-07	2.07E-07	2.97E-07	4.72E-07	8.32E-08	7.49E-07	2.78E-06
629	490686.72	3859935.12	3.38E-03	3.65E-03	5.75E-03	1.17E-06	3.54E-06	2.05E-06	2.21E-06	2.00E-06	9.13E-07	1.44E-06	3.91E-08	9.44E-07	2.08E-07	3.00E-07	4.75E-07	8.38E-08	7.55E-07	2.81E-06
630	490736.72	3859935.12	3.40E-03	3.67E-03	5.78E-03	1.18E-06	3.55E-06	2.06E-06	2.22E-06	2.01E-06	9.18E-07	1.45E-06	3.93E-08	9.50E-07	2.10E-07	3.01E-07	4.78E-07	8.42E-08	7.59E-07	2.82E-06
631	490086.72	3859985.12	3.22E-03	3.48E-03	5.48E-03	1.12E-06	3.37E-06	1.95E-06	2.10E-06	1.91E-06	8.70E-07	1.37E-06	3.73E-08	9.00E-07	1.99E-07	2.86E-07	4.53E-07	7.99E-08	7.20E-07	2.67E-06
632	490136.72	3859985.12	3.21E-03	3.46E-03	5.45E-03	1.11E-06	3.35E-06	1.94E-06	2.09E-06	1.90E-06	8.66E-07	1.36E-06	3.71E-08	8.96E-07	1.98E-07	2.84E-07	4.51E-07	7.95E-08	7.16E-07	2.66E-06
633	490186.72	3859985.12	3.20E-03	3.45E-03	5.43E-03	1.11E-06	3.34E-06	1.93E-06	2.09E-06	1.89E-06	8.63E-07	1.36E-06	3.70E-08	8.93E-07	1.97E-07	2.83E-07	4.49E-07	7.92E-08	7.14E-07	2.65E-06
634	490236.72	3859985.12	3.19E-03	3.44E-03	5.42E-03	1.10E-06	3.34E-06	1.93E-06	2.08E-06	1.89E-06	8.61E-07	1.36E-06	3.69E-08	8.91E-07	1.97E-07	2.83E-07	4.48E-07	7.90E-08	7.12E-07	2.65E-06
635	490286.72	3859985.12	3.18E-03	3.43E-03	5.41E-03	1.10E-06	3.33E-06	1.93E-06	2.08E-06	1.88E-06	8.59E-07	1.35E-06	3.68E-08	8.89E-07	1.96E-07	2.82E-07	4.47E-07	7.89E-08	7.11E-07	2.64E-06
636	490336.72	3859985.12	3.18E-03	3.43E-03	5.40E-03	1.10E-06	3.32E-06	1.92E-06	2.07E-06	1.88E-06	8.58E-07	1.35E-06	3.67E-08	8.88E-07	1.96E-07	2.82E-07	4.47E-07	7.87E-08	7.10E-07	2.64E-06
637	490386.72	3859985.12	3.17E-03	3.42E-03	5.39E-03	1.10E-06	3.32E-06	1.92E-06	2.07E-06	1.88E-06	8.57E-07	1.35E-06	3.67E-08	8.86E-07	1.96E-07	2.81E-07	4.46E-07	7.86E-08	7.09E-07	2.63E-06
638	490436.72	3859985.12	3.17E-03	3.42E-03	5.40E-03	1.10E-06	3.32E-06	1.92E-06	2.07E-06	1.88E-06	8.57E-07	1.35E-06	3.67E-08	8.86E-07	1.96E-07	2.81E-07	4.46E-07	7.86E-08	7.09E-07	2.63E-06
639	490486.72	3859985.12	3.18E-03	3.43E-03	5.40E-03	1.10E-06	3.32E-06	1.92E-06	2.07E-06	1.88E-06	8.58E-07	1.35E-06	3.68E-08	8.88E-07	1.96E-07	2.82E-07	4.47E-07	7.88E-08	7.10E-07	2.64E-06
640	490536.72	3859985.12	3.19E-03	3.44E-03	5.42E-03	1.10E-06	3.33E-06	1.93E-06	2.08E-06	1.89E-06	8.61E-07	1.36E-06	3.69E-08	8.91E-07	1.97E-07	2.83E-07	4.48E-07	7.90E-08	7.12E-07	2.65E-06
641	490586.72	3859985.12	3.21E-03	3.46E-03	5.45E-03	1.11E-06	3.35E-06	1.94E-06	2.09E-06	1.90E-06	8.65E-07	1.36E-06	3.70E-08	8.95E-07	1.97E-07	2.84E-07	4.50E-07	7.94E-08	7.15E-07	2.66E-06
642	490636.72	3859985.12	3.22E-03	3.48E-03	5.48E-03	1.12E-06	3.37E-06	1.95E-06	2.10E-06	1.91E-06	8.70E-07	1.37E-06	3.73E-08	9.00E-07	1.99E-07	2.86E-07	4.53E-07	7.98E-08	7.19E-07	2.67E-06
643	490686.72	3859985.12	3.25E-03	3.50E-03	5.52E-03	1.12E-06	3.39E-06	1.96E-06	2.12E-06	1.92E-06	8.76E-07	1.38E-06	3.75E-08	9.07E-07	2.00E-07	2.88E-07	4.56E-07	8.04E-08	7.25E-07	2.69E-06
644	490736.72	3859985.12	3.26E-03	3.52E-03	5.54E-03	1.13E-06	3.41E-06	1.97E-06	2.13E-06	1.93E-06	8.80E-07	1.39E-06	3.77E-08	9.10E-07	2.01E-07	2.89E-07	4.58E-07	8.08E-08	7.28E-07	2.70E-06
645	490786.72	3859985.12	3.27E-03	3.53E-03	5.57E-03	1.13E-06	3.42E-06	1.98E-06	2.14E-06	1.94E-06	8.83E-07	1.39E-06	3.78E-08	9.14E-07	2.02E-07	2.90E-07	4.60E-07	8.11E-08	7.31E-07	2.72E-06
646	490086.72	3860035.12	3.14E-03	3.39E-03	5.34E-03	1.09E-06	3.28E-06	1.90E-06	2.05E-06	1.86E-06	8.48E-07	1.34E-06	3.63E-08	8.78E-07	1.94E-07	2.78E-07	4.42E-07	7.78E-08	7.02E-07	2.61E-06
647	490136.72	3860035.12	3.12E-03	3.37E-03	5.31E-03	1.08E-06	3.27E-06	1.89E-06	2.04E-06	1.85E-06	8.43E-07	1.33E-06	3.61E-08	8.72E-07	1.93E-07	2.77E-07	4.39E-07	7.74E-08	6.98E-07	2.59E-06
648	490186.72	3860035.12	3.11E-03	3.35E-03	5.29E-03	1.08E-06	3.25E-06	1.88E-06	2.03E-06	1.84E-06	8.39E-07	1.32E-06	3.59E-08	8.68E-07	1.92E-07	2.75E-07	4.37E-07	7.70E-08	6.94E-07	2.58E-06
649	490236.72	3860035.12	3.10E-03	3.34E-03	5.27E-03	1.07E-06	3.24E-06	1.87E-06	2.02E-06	1.83E-06	8.36E-07	1.32E-06	3.58E-08	8.65E-07	1.91E-07	2.74E-07	4.35E-07	7.67E-08	6.92E-07	2.57E-06
650	490286.72	3860035.12	3.09E-03	3.33E-03	5.25E-03	1.07E-06	3.23E-06	1.87E-06	2.01E-06	1.83E-06	8.33E-07	1.31E-06	3.57E-08	8.62E-07	1.90E-07	2.73E-07	4.34E-07	7.64E-08	6.89E-07	2.56E-06
651	490336.72	3860035.12	3.08E-03	3.32E-03	5.24E-03	1.07E-06	3.22E-06	1.86E-06	2.01E-06	1.82E-06	8.31E-07	1.31E-06	3.56E-08	8.60E-07	1.90E-07	2.73E-07	4.33E-07	7.63E-08	6.88E-07	2.56E-06
652	490386.72	3860035.12	3.07E-03	3.31E-03	5.22E-03	1.06E-06	3.21E-06	1.86E-06	2.00E-06	1.82E-06	8.29E-07	1.31E-06	3.55E-08	8.58E-07	1.89E-07	2.72E-07	4.32E-07	7.61E-08	6.86E-07	2.55E-06
653	490436.72	3860035.12	3.07E-03	3.31E-03	5.22E-03	1.06E-06	3.21E-06	1.86E-06	2.00E-06	1.81E-06	8.28E-07	1.31E-06	3.55E-08	8.57E-07	1.89E-07	2.72E-07	4.31E-07	7.60E-08	6.85E-07	2.55E-06
654	490486.72	3860035.12	3.07E-03	3.31E-03	5.22E-03	1.06E-06	3.21E-06	1.86E-06	2.00E-06	1.81E-06	8.28E-07	1.31E-06	3.55E-08	8.57E-07	1.89E-07	2.72E-07	4.31E-07	7.60E-08	6.85E-07	2.55E-06
655	490536.72	3860035.12	3.07E-03	3.31E-03	5.23E-03	1.06E-06	3.21E-06	1.86E-06	2.01E-06	1.82E-06	8.30E-07	1.31E-06	3.55E-08	8.58E-07	1.89E-07	2.72E-07	4.32E-07	7.61E-08	6.86E-07	2.55E-06
656	490586.72	3860035.12	3.08E-03	3.32E-03	5.24E-03	1.07E-06	3.22E-06	1.86E-06	2.01E-06	1.82E-06	8.32E-07	1.31E-06	3.56E-08	8.60E-07	1.90E-07	2.73E-07	4.33E-07	7.63E-08	6.88E-07	2.56E-06
657	490636.72	3860035.12	3.09E-03	3.33E-03	5.25E-03	1.07E-06	3.23E-06	1.87E-06	2.01E-06	1.83E-06	8.33E-07	1.31E-06	3.57E-08	8.62E-07	1.90E-07	2.74E-07	4.34E-07	7.65E-08	6.89E-07	2.56E-06
658	490686.72	3860035.12	3.10E-03	3.35E-03	5.28E-03	1.07E-06	3.24E-06	1.88E-06	2.02E-06	1.84E-06	8.37E-07	1.32E-06	3.59E-08	8.66E-07	1.91E-07	2.75E-07	4.36E-07	7.69E-08	6.93E-07	2.57E-06
659	490736.72	3860035.12	3.13E-03	3.37E-03	5.32E-03	1.08E-06	3.27E-06	1.89E-06	2.04E-06	1.85E-06	8.44E-07	1.33E-06	3.62E-08	8.73E-07	1.93E-07	2.77E-07	4.40E-07	7.75E-08	6.99E-07	2.59E-06
660	490786.72	3860035.12	3.14E-03	3.39E-03	5.34E-03	1.09E-06	3.28E-06	1.90E-06	2.05E-06	1.86E-06	8.47E-07	1.34E-06	3.63E-08	8.77E-07	1.93E-07	2.78E-07	4.41E-07	7.78E-08	7.01E-07	2.60E-06
661	490836.72	3860035.12	3.15E-03	3.40E-03	5.36E-03	1.09E-06	3.29E-06	1.91E-06	2.06E-06	1.86E-06	8.50E-07	1.34E-06	3.64E-08	8.80E-07	1.94E-07	2.79E-07	4.43E-07	7.80E-08	7.04E-07	2.61E-06
662	490086.72	3860085.12	3.08E-03	3.32E-03	5.23E-03	1.06E-06	3.21E-06	1.86E-06	2.01E-06	1.82E-06	8.30E-07	1.31E-06	3.56E-08	8.59E-07	1.90E-07	2.72E-07	4.32E-07	7.62E-08	6.87E-07	2.55E-06
663	490136.72	3860085.12	3.05E-03	3.29E-03	5.18E-03	1.06E-06	3.19E-06	1.84E-06	1.99E-06	1.80E-06	8.23E-07	1.30E-06	3.52E-08	8.51E-07	1.88E-07	2.70E-07	4.28E-07	7.55E-08	6.81E-07	2.53E-06
664	490186.72	3860085.12	3.03E-03	3.27E-03	5.16E-03	1.05E-06	3.17E-06	1.84E-06	1.98E-06	1.79E-06	8.19E-07	1.29E-06	3.51E-08	8.47E-07	1.87E-07	2.69E-07	4.26E-07	7.51E-08	6.78E-07	2.52E-06
665	490236.72	3860085.12	3.02E-03	3.25E-03	5.13E-03	1.04E-06	3.15E-06	1.83E-06	1.97E-06	1.78E-06	8.14E-07	1.28E-06	3.49E-08	8.42E-07	1.86E-07	2.67E-07	4.24E-07	7.47E-08	6.74E-07	2.50E-06
666	490286.72	3860085.12	3.00E-03	3.24E-03	5.11E-03	1.04E-06	3.14E-06	1.82E-06	1.96E-06	1.78E-06	8.10E-07	1.28E-06	3.47E-08	8.38E-07	1.85E-07	2.66E-07	4.22E-07	7.44E-08	6.71E-07	2.49E-06
667	490336.72	3860085.12	2.99E-03	3.22E-03	5.09E-03	1.04E-06	3.13E-06	1.81E-06	1.95E-06	1.77E-06	8.07E-07	1.27E-06	3.46E-08	8.35E-07	1.84E-07	2.65E-07	4.20E-07	7.41E-08	6.68E-07	2.48E-06
668	490386.72	3860085.12	2.98E-03	3.21E-03	5.07E-03	1.03E-06	3.11E-06	1.80E-06	1.94E-06	1.76E-06	8.04E-07	1.27E-06	3.44E-08	8.32E-07	1.84E-07	2.64E-07	4.19E-07	7.38E-08	6.66E-07	2.47E-06
669	490436.72	3860085.12	2.97E-03	3.21E-03	5.06E-03	1.03E-06	3.11E-06	1.80E-06	1.94E-06	1.76E-06	8.02E-07	1.27E-06	3.44E-08	8.30E-07	1.83E-07	2.63E-07	4.18E-07	7.36E-08	6.64E-07	2.47E-06
670	490486.72	3860085.12	2.97E-03	3.20E-03	5.05E-03	1.03E-06	3.10E-06	1.80E-06	1.94E-06	1.76E-06	8.01E-07	1.26E-06	3.43E-08	8.29E-07	1.83E-07	2.63E-07	4.17E-07	7.35E-08	6.63E-07	2.46E-06
671	490536.72	3860085.12	2.97E-03	3.20E-03	5.05E-03	1.03E-06	3.10E-06	1.80E-06	1.94E-06	1.76E-06	8.01E-07	1.26E-06	3.43E-08	8.29E-07	1.83E-07	2.63E-07	4.17E-07	7.35E-08	6.63E-07	2.46E-06
672	490586.72	3860085.12	2.97E-03	3.21E-03	5.06E-03	1.03E-06	3.11E-06	1.80E-06	1.94E-06	1.76E-06	8.02E-07	1.27E-06	3.44E-08	8.30E-07	1.83E-07	2.63E-07	4.18E-07	7.36E-08	6.64E-07	2.47E-06
673	490636.72	3860085.12	2.98E-03	3.21E-03	5.06E-03	1.03E-06	3.11E-06	1.80E-06	1.94E-06	1.76E-06	8.03E-07	1.27E-06	3.44E-08	8.31E-07	1.83E-07	2.64E-07	4.18E-07	7.37E-08	6.65E-07	2.47E-06
674	490686.72	3860085.12	2.99E-03	3.22E-03	5.08E-03	1.03E-06	3.12E-06	1.81E-06	1.95E-06	1.77E-06	8.06E-07	1.27E-06	3.45E-08	8.34E-07	1.84E-07	2.65E-07	4.20E-07	7.39E-08	6.67E-07	2.48E-06
675	490736.72	3860085.12	3.00E-03	3.23E-03	5.10E-03	1.04E-06	3.13E-06	1.81E-06	1.96E-06	1.77E-06	8.09E-07	1.28E-06	3.47E-08	8.37E-07	1.85E-07	2.66E-07	4.22E-07	7.43E-08	6.70E-07	2.49E-06
676	490786.72	3860085.12	3.01E-03	3.25E-03	5.13E-03	1.04E-06	3.15E-06	1.82E-06	1.97E-06	1.78E-06	8.13E-07	1.28E-06	3.48E-08	8.42E-07	1.86E-07	2.67E-07	4.24E-07	7.47E-08	6.73E-07	2.50E-06
677	490836.72	3860085.12	3.02E-03	3.26E-03	5.14E-03	1.05E-06	3.16E-06	1.83E-06	1.97E-06	1.79E-06	8.16E-07	1.29E-06	3.50E-08	8.44E-07	1.86E-07	2.68E-07	4.25E-07	7.49E-08	6.76E-07	2.51E-06
678	490086.72	3860135.12	2.99E-03	3.23E-03	5.09E-03	1.04E-06	3.13E-06	1.81E-06	1.95E-06	1.77E-06	8.08E-07	1.27E-06	3.46E-08	8.36E-07	1.84E-07	2.65E-07	4.21E-07	7.41E-08	6.69E-07	2.48E-06
679	490136.72	3860135.12	2.98E-03	3.21E-03	5.06E-03	1.03E-06	3.11E-06	1.80E-06	1.94E-06	1.76E-06	8.03E-07	1.27E-06	3.44E-08	8.31E-07	1.83E-07	2.64E-07	4.18E-07	7.37E-08	6.65E-07	2.47E-06
680	490186.72	3860135.12	2.96E-03	3.19E-03	5.03E-03	1.02E-06	3.09E-06	1.79E-06	1.93E-06	1.75E-06	7.99E-07	1.26E-06	3.42E-08	8.26E-07	1.82E-07	2.62E-07	4.16E-07	7.33E-08	6.61E-07	2.46E-06
681	490236.72	3860135.12	2.94E-03	3.17E-03	5.00E-03	1.02E-06	3.07E-06	1.78E-06	1.92E-06	1.74E-06	7.94E-07	1.25E-06	3.40E-08	8.21E-07	1.81E-07	2.61E-07	4.13E-07	7.28E-08	6.57E-07	2.44E-06
682	490286.72	3860135.12	2.93E-03	3.15E-03	4.98E-03	1.01E-06	3.06E-06	1.77E-06	1.91E-06	1.73E-06	7.90E-07	1.25E-06	3.38E-08	8.17E-07	1.80E-07	2.59E-07	4.11E-07	7.25E-08	6.54E-07	2.43E-06
683	490336.72	3860135.12	2.91E-03	3.14E-03	4.95E-03	1.01E-06	3.04E-06	1.76E-06	1.90E-06	1.72E-06	7.86E-07	1.24E-06	3.37E-08	8.13E-07	1.79E-07	2.58E-07	4.09E-07	7.21E-08	6.51E-07	2.42E-06
684	490386.72	3860135.12	2.90E-03	3.13E-03	4.93E-03	1.00E-06	3.03E-06	1.75E-06	1.89E-06	1.71E-06	7.82E-07	1.23E-06	3.35E-08	8.09E-07	1.79E-07	2.57E-07	4.07E-07	7.18E-08	6.48E-07	2.41E-06
685	490436.72	3860135.12	2.89E-03	3.11E-03	4.91E-03	9.99E-07	3.02E-06	1.75E-06	1.88E-06	1.71E-06	7.79E-07	1.23E-06	3.34E-08	8.06E-07	1.78E-07	2.56E-07	4.06E-07	7.15E-08	6.45E-07	2.40E-06
686	490486.72	3860135.12	2.88E-03	3.11E-03	4.90E-03	9.97E-07	3.01E-06	1.74E-06	1.88E-06	1.70E-06	7.77E-07	1.23E-06	3.33E-08	8.04E-07	1.77E-07	2.55E-07	4.05E-07	7.13E-08	6.43E-07	2.39E-06
687	490536.72	3860135.12	2.88E-03	3.10E-03	4.89E-03	9.96E-07	3.01E-06	1.74E-06	1.88E-06	1.70E-06	7.76E-07	1.22E-06	3.33E-08	8.03E-07	1.77E-07	2.55E-07	4.04E-07	7.13E-08	6.43E-07	2.39E-06
688	490586.72	3860135.12	2.88E-03	3.10E-03	4.89E-03	9.95E-07	3.01E-06	1.74E-06	1.88E-06	1.70E-06	7.76E-07	1.22E-06	3.32E-08	8.03E-07	1.77E-07	2.55E-07	4.04E-07	7.12E-08	6.43E-07	2.39E-06
689	490636.72	3860135.12	2.88E-03	3.10E-03	4.89E-03	9.96E-07	3.01E-06	1.74E-06	1.88E-06	1.70E-06	7.76E-07	1.22E-06	3.32E-08	8.03E-07	1.77E-07	2.55E-07	4.04E-07	7.12E-08	6.43E-07	2.39E-06
690	490686.72	3860135.12	2.88E-03	3.10E-03	4.90E-03	9.96E-07	3.01E-06	1.74E-06	1.88E-06	1.70E-06	7.77E-07	1.23E-06	3.33E-08	8.04E-07	1.77E-07	2.55E-07	4.05E-07	7.13E-08	6.43E-07	2.39E-06
691	490736.72	3860135.12	2.89E-03	3.11E-03	4.91E-03	9.99E-07	3.02E-06	1.75E-06	1.88E-06	1.71E-06	7.79E-07	1.23E-06	3.34E-08	8.06E-07	1.78E-07	2.56E-07	4.05E-07	7.15E-08	6.45E-07	2.39E-06
692	490786.72	3860135.12	2.90E-03	3.12E-03	4.93E-03	1.00E-06	3.03E-06	1.75E-06	1.89E-06	1.71E-06	7.82E-07	1.23E-06	3.35E-08	8.09E-07	1.79E-07	2.57E-07	4.07E-07	7.18E-08	6.47E-07	2.40E-06
693	490836.72	3860135.12	2.90E-03	3.13E-03	4.94E-03	1.01E-06	3.04E-06	1.76E-06	1.90E-06	1.72E-06	7.84E-07	1.24E-06	3.36E-08	8.11E-07	1.79E-07	2.57E-07	4.08E-07	7.20E-08	6.49E-07	2.41E-06
694	490086.72	3860185.12	2.92E-03	3.15E-03	4.97E-03	1.01E-06	3.06E-06	1.77E-06	1.91E-06	1.73E-06	7.89E-07	1.24E-06	3.38E-08	8.16E-07	1.80E-07	2.59E-07	4.11E-07	7.24E-08	6.53E-07	2.43E-06
695	490136.72	3860185.12	2.91E-03	3.14E-03	4.95E-03	1.01E-06	3.04E-06	1.76E-06	1.90E-06	1.72E-06	7.85E-07	1.24E-06	3.36E-08	8.12E-07	1.79E-07	2.58E-07	4.09E-07	7.20E-08	6.50E-07	2.41E-06
696	490186.72	3860185.12	2.89E-03	3.12E-03	4.92E-03	1.00E-06	3.02E-06	1.75E-06	1.89E-06	1.71E-06	7.81E-07	1.23E-06	3.34E-08	8.07E-07	1.78E-07	2.56E-07	4.06E-07	7.16E-08	6.46E-07	2.40E-06
697	490236.72	3860185.12	2.87E-03	3.10E-03	4.89E-03	9.94E-07	3.00E-06	1.74E-06	1.87E-06	1.70E-06	7.75E-07	1.22E-06	3.32E-08	8.02E-07	1.77E-07	2.55E-07	4.04E-07	7.12E-08	6.42E-07	2.38E-06
698	490286.72	3860185.12	2.86E-03	3.08E-03	4.86E-03	9.88E-07	2.98E-06	1.73E-06	1.86E-06	1.69E-06	7.71E-07	1.22E-06	3.30E-08	7.97E-07	1.76E-07	2.53E-07	4.01E-07	7.07E-08	6.38E-07	2.37E-06
699	490336.72	3860185.12	2.84E-03	3.06E-03	4.83E-03	9.83E-07	2.97E-06	1.72E-06	1.85E-06	1.68E-06	7.66E-07	1.21E-06	3.28E-08	7.93E-07	1.75E-07	2.51E-07	3.99E-07	7.03E-08	6.34E-07	2.36E-06
700	490386.72	3860185.12	2.82E-03	3.05E-03	4.81E-03	9.78E-07	2.95E-06	1.71E-06	1.84E-06	1.67E-06	7.62E-07	1.20E-06	3.26E-08	7.88E-07	1.74E-07	2.50E-07	3.97E-07	7.00E-08	6.31E-07	2.34E-06
701	490436.72	3860185.12	2.81E-03	3.03E-03	4.78E-03	9.73E-07	2.94E-06	1.70E-06	1.83E-06	1.66E-06	7.59E-07	1.20E-06	3.25E-08	7.85E-07	1.73E-07	2.49E-07	3.95E-07	6.96E-08	6.28E-07	2.33E-06
702	490486.72	3860185.12	2.80E-03	3.02E-03	4.77E-03	9.69E-07	2.93E-06	1.69E-06	1.83E-06	1.66E-06	7.56E-07	1.19E-06	3.24E-08	7.82E-07	1.73E-07	2.48E-07	3.94E-07	6.94E-08	6.26E-07	2.32E-06
703	490536.72	3860185.12	2.79E-03	3.01E-03	4.75E-03	9.67E-07	2.92E-06	1.69E-06	1.82E-06	1.65E-06	7.54E-07	1.19E-06	3.23E-08	7.80E-07	1.72E-07	2.47E-07	3.93E-07	6.92E-08	6.24E-07	2.32E-06
704	490586.72	3860185.12	2.79E-03	3.01E-03	4.75E-03	9.66E-07	2.92E-06	1.69E-06	1.82E-06	1.65E-06	7.53E-07	1.19E-06	3.23E-08	7.79E-07	1.72E-07	2.47E-07	3.92E-07	6.91E-08	6.24E-07	2.32E-06
705	490636.72	3860185.12	2.79E-03	3.00E-03	4.74E-03	9.64E-07	2.91E-06	1.69E-06	1.82E-06	1.65E-06	7.52E-07	1.19E-06	3.22E-08	7.78E-07	1.72E-07	2.47E-07	3.92E-07	6.90E-08	6.23E-07	2.31E-06
706	490686.72	3860185.12	2.79E-03	3.01E-03	4.74E-03	9.65E-07	2.91E-06	1.69E-06	1.82E-06	1.65E-06	7.52E-07	1.19E-06	3.22E-08	7.78E-07	1.72E-07	2.47E-07	3.92E-07	6.90E-08	6.23E-07	2.31E-06
707	490736.72	3860185.12	2.79E-03	3.01E-03	4.74E-03	9.65E-07	2.91E-06	1.69E-06	1.82E-06	1.65E-06	7.52E-07	1.19E-06	3.22E-08	7.78E-07	1.72E-07	2.47E-07	3.92E-07	6.90E-08	6.23E-07	2.31E-06
708	490786.72	3860185.12	2.79E-03	3.01E-03	4.75E-03	9.66E-07	2.92E-06	1.69E-06	1.82E-06	1.65E-06	7.54E-07	1.19E-06	3.23E-08	7.80E-07	1.72E-07	2.47E-07	3.92E-07	6.92E-08	6.24E-07	2.32E-06
709	490836.72	3860185.12	2.80E-03	3.02E-03	4.76E-03	9.69E-07	2.93E-06	1.69E-06	1.83E-06	1.66E-06	7.55E-07	1.19E-06	3.23E-08	7.81E-07	1.72E-07	2.48E-07	3.93E-07	6.93E-08	6.26E-07	2.32E-06
710	490086.72	3860235.12	2.86E-03	3.08E-03	4.87E-03	9.90E-07	2.99E-06	1.73E-06	1.87E-06	1.69E-06	7.72E-07	1.22E-06	3.31E-08	7.99E-07	1.76E-07	2.53E-07	4.02E-07	7.09E-08	6.39E-07	2.37E-06
711	490136.72	3860235.12	2.84E-03	3.07E-03	4.84E-03	9.85E-07	2.97E-06	1.72E-06	1.86E-06	1.68E-06	7.68E-07	1.21E-06	3.29E-08	7.94E-07	1.75E-07	2.52E-07	4.00E-07	7.05E-08	6.36E-07	2.36E-06
712	490186.72	3860235.12	2.83E-03	3.05E-03	4.81E-03	9.79E-07	2.96E-06	1.71E-06	1.85E-06	1.67E-06	7.63E-07	1.20E-06	3.27E-08	7.90E-07	1.74E-07	2.51E-07	3.97E-07	7.00E-08	6.32E-07	2.35E-06
713	490236.72	3860235.12	2.81E-03	3.03E-03	4.78E-03	9.73E-07	2.94E-06	1.70E-06	1.83E-06	1.66E-06	7.58E-07	1.20E-06	3.25E-08	7.84E-07	1.73E-07	2.49E-07	3.95E-07	6.96E-08	6.28E-07	2.33E-06
714	490286.72	3860235.12	2.79E-03	3.01E-03	4.75E-03	9.66E-07	2.92E-06	1.69E-06	1.82E-06	1.65E-06	7.53E-07	1.19E-06	3.23E-08	7.79E-07	1.72E-07	2.47E-07	3.92E-07	6.91E-08	6.24E-07	2.32E-06
715	490336.72	3860235.12	2.77E-03	2.99E-03	4.72E-03	9.60E-07	2.90E-06	1.68E-06	1.81E-06	1.64E-06	7.49E-07	1.18E-06	3.21E-08	7.75E-07	1.71E-07	2.46E-07	3.90E-07	6.87E-08	6.20E-07	2.30E-06
716	490386.72	3860235.12	2.76E-03	2.97E-03	4.69E-03	9.55E-07	2.88E-06	1.67E-06	1.80E-06	1.63E-06	7.44E-07	1.17E-06	3.19E-08	7.70E-07	1.70E-07	2.44E-07	3.88E-07	6.83E-08	6.17E-07	2.29E-06
717	490436.72	3860235.12	2.74E-03	2.96E-03	4.67E-03	9.50E-07	2.87E-06	1.66E-06	1.79E-06	1.62E-06	7.41E-07	1.17E-06	3.17E-08	7.66E-07	1.69E-07	2.43E-07	3.86E-07	6.80E-08	6.13E-07	2.28E-06
718	490486.72	3860235.12	2.73E-03	2.94E-03	4.65E-03	9.45E-07	2.85E-06	1.65E-06	1.78E-06	1.62E-06	7.37E-07	1.16E-06	3.16E-08	7.62E-07	1.68E-07	2.42E-07	3.84E-07	6.76E-08	6.10E-07	2.27E-06
719	490536.72	3860235.12	2.72E-03	2.93E-03	4.63E-03	9.42E-07	2.84E-06	1.65E-06	1.78E-06	1.61E-06	7.34E-07	1.16E-06	3.14E-08	7.60E-07	1.68E-07	2.41E-07	3.82E-07	6.74E-08	6.08E-07	2.26E-06
720	490586.72	3860235.12	2.71E-03	2.93E-03	4.62E-03	9.39E-07	2.84E-06	1.64E-06	1.77E-06	1.60E-06	7.32E-07	1.16E-06	3.14E-08	7.58E-07	1.67E-07	2.40E-07	3.81E-07	6.72E-08	6.07E-07	2.25E-06
721	490636.72	3860235.12	2.71E-03	2.92E-03	4.61E-03	9.37E-07	2.83E-06	1.64E-06	1.77E-06	1.60E-06	7.31E-07	1.15E-06	3.13E-08	7.56E-07	1.67E-07	2.40E-07	3.81E-07	6.71E-08	6.05E-07	2.25E-06
722	490686.72	3860235.12	2.70E-03	2.92E-03	4.60E-03	9.36E-07	2.83E-06	1.64E-06	1.76E-06	1.60E-06	7.30E-07	1.15E-06	3.13E-08	7.55E-07	1.67E-07	2.40E-07	3.80E-07	6.70E-08	6.05E-07	2.24E-06
723	490736.72	3860235.12	2.70E-03	2.91E-03	4.60E-03	9.35E-07	2.82E-06	1.63E-06	1.76E-06	1.60E-06	7.29E-07	1.15E-06	3.12E-08	7.54E-07	1.66E-07	2.39E-07	3.80E-07	6.69E-08	6.04E-07	2.24E-06
724	490786.72	3860235.12	2.70E-03	2.91E-03	4.60E-03	9.35E-07	2.82E-06	1.63E-06	1.76E-06	1.60E-06	7.29E-07	1.15E-06	3.12E-08	7.54E-07	1.66E-07	2.39E-07	3.80E-07	6.69E-08	6.04E-07	2.24E-06
725	490086.72	3860285.12	2.80E-03	3.02E-03	4.76E-03	9.69E-07	2.92E-06	1.69E-06	1.83E-06	1.66E-06	7.55E-07	1.19E-06	3.23E-08	7.81E-07	1.72E-07	2.48E-07	3.93E-07	6.93E-08	6.25E-07	2.32E-06
726	490136.72	3860285.12	2.78E-03	3.00E-03	4.74E-03	9.64E-07	2.91E-06	1.68E-06	1.82E-06	1.65E-06	7.51E-07	1.19E-06	3.22E-08	7.77E-07	1.72E-07	2.47E-07	3.91E-07	6.90E-08	6.22E-07	2.31E-06
727	490186.72	3860285.12	2.77E-03	2.98E-03	4.71E-03	9.58E-07	2.89E-06	1.67E-06	1.81E-06	1.64E-06	7.47E-07	1.18E-06	3.20E-08	7.72E-07	1.70E-07	2.45E-07	3.89E-07	6.85E-08	6.19E-07	2.30E-06
728	490236.72	3860285.12	2.75E-03	2.97E-03	4.68E-03	9.52E-07	2.87E-06	1.66E-06	1.79E-06	1.63E-06	7.42E-07	1.17E-06	3.18E-08	7.68E-07	1.69E-07	2.44E-07	3.87E-07	6.81E-08	6.15E-07	2.28E-06

729	490286.72	3860285.12	2.73E-03	2.95E-03	4.65E-03	9.45E-07	2.85E-06	1.65E-06	1.78E-06	1.62E-06	7.37E-07	1.16E-06	3.16E-08	7.63E-07	1.68E-07	2.42E-07	3.84E-07	6.77E-08	6.11E-07	2.27E-06
730	490336.72	3860285.12	2.71E-03	2.93E-03	4.62E-03	9.39E-07	2.84E-06	1.64E-06	1.77E-06	1.61E-06	7.32E-07	1.16E-06	3.14E-08	7.58E-07	1.67E-07	2.40E-07	3.81E-07	6.72E-08	6.07E-07	2.25E-06
731	490386.72	3860285.12	2.70E-03	2.91E-03	4.59E-03	9.34E-07	2.82E-06	1.63E-06	1.76E-06	1.60E-06	7.28E-07	1.15E-06	3.12E-08	7.53E-07	1.66E-07	2.39E-07	3.79E-07	6.68E-08	6.03E-07	2.24E-06
732	490436.72	3860285.12	2.68E-03	2.89E-03	4.57E-03	9.28E-07	2.80E-06	1.62E-06	1.75E-06	1.59E-06	7.24E-07	1.14E-06	3.10E-08	7.49E-07	1.65E-07	2.38E-07	3.77E-07	6.64E-08	6.00E-07	2.23E-06
733	490486.72	3860285.12	2.67E-03	2.88E-03	4.54E-03	9.23E-07	2.79E-06	1.61E-06	1.74E-06	1.58E-06	7.20E-07	1.14E-06	3.08E-08	7.45E-07	1.64E-07	2.36E-07	3.75E-07	6.61E-08	5.96E-07	2.21E-06
734	490536.72	3860285.12	2.65E-03	2.86E-03	4.52E-03	9.19E-07	2.77E-06	1.61E-06	1.73E-06	1.57E-06	7.16E-07	1.13E-06	3.07E-08	7.41E-07	1.63E-07	2.35E-07	3.73E-07	6.57E-08	5.93E-07	2.20E-06
735	490586.72	3860285.12	2.64E-03	2.85E-03	4.50E-03	9.15E-07	2.76E-06	1.60E-06	1.72E-06	1.56E-06	7.13E-07	1.13E-06	3.05E-08	7.38E-07	1.63E-07	2.34E-07	3.71E-07	6.55E-08	5.91E-07	2.19E-06
736	490636.72	3860285.12	2.63E-03	2.84E-03	4.49E-03	9.12E-07	2.75E-06	1.59E-06	1.72E-06	1.56E-06	7.11E-07	1.12E-06	3.05E-08	7.36E-07	1.62E-07	2.33E-07	3.70E-07	6.53E-08	5.89E-07	2.19E-06
737	490686.72	3860285.12	2.63E-03	2.84E-03	4.48E-03	9.10E-07	2.75E-06	1.59E-06	1.72E-06	1.56E-06	7.10E-07	1.12E-06	3.04E-08	7.34E-07	1.62E-07	2.33E-07	3.70E-07	6.51E-08	5.88E-07	2.18E-06
738	490736.72	3860285.12	2.62E-03	2.83E-03	4.47E-03	9.09E-07	2.74E-06	1.59E-06	1.71E-06	1.55E-06	7.09E-07	1.12E-06	3.03E-08	7.33E-07	1.62E-07	2.33E-07	3.69E-07	6.50E-08	5.87E-07	2.18E-06
739	490786.72	3860285.12	2.62E-03	2.83E-03	4.47E-03	9.08E-07	2.74E-06	1.59E-06	1.71E-06	1.55E-06	7.08E-07	1.12E-06	3.03E-08	7.32E-07	1.62E-07	2.32E-07	3.69E-07	6.50E-08	5.87E-07	2.18E-06
740	490086.72	3860335.12	2.74E-03	2.95E-03	4.66E-03	9.47E-07	2.86E-06	1.66E-06	1.79E-06	1.62E-06	7.39E-07	1.17E-06	3.16E-08	7.64E-07	1.69E-07	2.42E-07	3.85E-07	6.78E-08	6.12E-07	2.27E-06
741	490136.72	3860335.12	2.72E-03	2.94E-03	4.64E-03	9.43E-07	2.85E-06	1.65E-06	1.78E-06	1.61E-06	7.35E-07	1.16E-06	3.15E-08	7.61E-07	1.68E-07	2.41E-07	3.83E-07	6.75E-08	6.09E-07	2.26E-06
742	490186.72	3860335.12	2.71E-03	2.92E-03	4.61E-03	9.38E-07	2.83E-06	1.64E-06	1.77E-06	1.60E-06	7.31E-07	1.15E-06	3.13E-08	7.56E-07	1.67E-07	2.40E-07	3.81E-07	6.71E-08	6.06E-07	2.25E-06
743	490236.72	3860335.12	2.69E-03	2.91E-03	4.59E-03	9.33E-07	2.82E-06	1.63E-06	1.76E-06	1.59E-06	7.27E-07	1.15E-06	3.11E-08	7.52E-07	1.66E-07	2.39E-07	3.79E-07	6.67E-08	6.03E-07	2.24E-06
744	490286.72	3860335.12	2.68E-03	2.89E-03	4.56E-03	9.26E-07	2.80E-06	1.62E-06	1.75E-06	1.58E-06	7.22E-07	1.14E-06	3.09E-08	7.47E-07	1.65E-07	2.37E-07	3.76E-07	6.63E-08	5.98E-07	2.22E-06
745	490336.72	3860335.12	2.66E-03	2.87E-03	4.52E-03	9.20E-07	2.78E-06	1.61E-06	1.73E-06	1.57E-06	7.17E-07	1.13E-06	3.07E-08	7.42E-07	1.64E-07	2.35E-07	3.74E-07	6.58E-08	5.94E-07	2.21E-06
746	490386.72	3860335.12	2.64E-03	2.85E-03	4.50E-03	9.14E-07	2.76E-06	1.60E-06	1.72E-06	1.56E-06	7.13E-07	1.13E-06	3.05E-08	7.37E-07	1.63E-07	2.34E-07	3.71E-07	6.54E-08	5.91E-07	2.19E-06
747	490436.72	3860335.12	2.62E-03	2.83E-03	4.47E-03	9.08E-07	2.74E-06	1.59E-06	1.71E-06	1.55E-06	7.08E-07	1.12E-06	3.03E-08	7.33E-07	1.62E-07	2.32E-07	3.69E-07	6.50E-08	5.87E-07	2.18E-06
748	490486.72	3860335.12	2.61E-03	2.81E-03	4.44E-03	9.03E-07	2.73E-06	1.58E-06	1.70E-06	1.54E-06	7.04E-07	1.11E-06	3.01E-08	7.28E-07	1.61E-07	2.31E-07	3.67E-07	6.46E-08	5.83E-07	2.16E-06
749	490536.72	3860335.12	2.59E-03	2.80E-03	4.42E-03	8.98E-07	2.71E-06	1.57E-06	1.69E-06	1.53E-06	7.00E-07	1.11E-06	3.00E-08	7.24E-07	1.60E-07	2.30E-07	3.65E-07	6.43E-08	5.80E-07	2.15E-06
750	490586.72	3860335.12	2.58E-03	2.78E-03	4.40E-03	8.93E-07	2.70E-06	1.56E-06	1.68E-06	1.53E-06	6.97E-07	1.10E-06	2.98E-08	7.21E-07	1.59E-07	2.29E-07	3.63E-07	6.39E-08	5.77E-07	2.14E-06
751	490636.72	3860335.12	2.57E-03	2.77E-03	4.38E-03	8.90E-07	2.69E-06	1.56E-06	1.68E-06	1.52E-06	6.94E-07	1.10E-06	2.97E-08	7.18E-07	1.58E-07	2.28E-07	3.61E-07	6.37E-08	5.75E-07	2.13E-06
752	490686.72	3860335.12	2.56E-03	2.76E-03	4.36E-03	8.87E-07	2.68E-06	1.55E-06	1.67E-06	1.52E-06	6.92E-07	1.09E-06	2.96E-08	7.15E-07	1.58E-07	2.27E-07	3.60E-07	6.35E-08	5.73E-07	2.13E-06
753	490736.72	3860335.12	2.56E-03	2.76E-03	4.35E-03	8.85E-07	2.67E-06	1.55E-06	1.67E-06	1.51E-06	6.90E-07	1.09E-06	2.95E-08	7.13E-07	1.57E-07	2.26E-07	3.59E-07	6.33E-08	5.72E-07	2.12E-06
754	490786.72	3860335.12	2.55E-03	2.75E-03	4.35E-03	8.84E-07	2.67E-06	1.54E-06	1.67E-06	1.51E-06	6.89E-07	1.09E-06	2.95E-08	7.13E-07	1.57E-07	2.26E-07	3.59E-07	6.32E-08	5.71E-07	2.12E-06
755	490086.72	3860385.12	2.68E-03	2.89E-03	4.56E-03	9.27E-07	2.80E-06	1.62E-06	1.75E-06	1.58E-06	7.23E-07	1.14E-06	3.10E-08	7.48E-07	1.65E-07	2.37E-07	3.76E-07	6.63E-08	5.99E-07	2.22E-06
756	490136.72	3860385.12	2.67E-03	2.88E-03	4.54E-03	9.23E-07	2.79E-06	1.61E-06	1.74E-06	1.58E-06	7.20E-07	1.14E-06	3.08E-08	7.45E-07	1.64E-07	2.36E-07	3.75E-07	6.61E-08	5.97E-07	2.21E-06
757	490186.72	3860385.12	2.65E-03	2.86E-03	4.52E-03	9.18E-07	2.77E-06	1.60E-06	1.73E-06	1.57E-06	7.16E-07	1.13E-06	3.07E-08	7.41E-07	1.63E-07	2.35E-07	3.73E-07	6.57E-08	5.93E-07	2.20E-06
758	490236.72	3860385.12	2.64E-03	2.85E-03	4.49E-03	9.13E-07	2.76E-06	1.60E-06	1.72E-06	1.56E-06	7.12E-07	1.12E-06	3.05E-08	7.37E-07	1.63E-07	2.34E-07	3.71E-07	6.54E-08	5.90E-07	2.19E-06
759	490286.72	3860385.12	2.62E-03	2.83E-03	4.46E-03	9.07E-07	2.74E-06	1.59E-06	1.71E-06	1.55E-06	7.08E-07	1.12E-06	3.03E-08	7.32E-07	1.62E-07	2.32E-07	3.68E-07	6.49E-08	5.86E-07	2.18E-06
760	490336.72	3860385.12	2.60E-03	2.81E-03	4.44E-03	9.02E-07	2.72E-06	1.58E-06	1.70E-06	1.54E-06	7.03E-07	1.11E-06	3.01E-08	7.27E-07	1.60E-07	2.31E-07	3.66E-07	6.45E-08	5.83E-07	2.16E-06
761	490386.72	3860385.12	2.59E-03	2.79E-03	4.41E-03	8.95E-07	2.70E-06	1.57E-06	1.69E-06	1.53E-06	6.98E-07	1.10E-06	2.99E-08	7.22E-07	1.59E-07	2.29E-07	3.64E-07	6.41E-08	5.79E-07	2.15E-06
762	490436.72	3860385.12	2.57E-03	2.77E-03	4.38E-03	8.90E-07	2.69E-06	1.55E-06	1.68E-06	1.52E-06	6.94E-07	1.10E-06	2.97E-08	7.18E-07	1.58E-07	2.28E-07	3.61E-07	6.37E-08	5.75E-07	2.13E-06
763	490486.72	3860385.12	2.55E-03	2.76E-03	4.35E-03	8.84E-07	2.67E-06	1.55E-06	1.67E-06	1.51E-06	6.90E-07	1.09E-06	2.95E-08	7.13E-07	1.57E-07	2.26E-07	3.59E-07	6.33E-08	5.72E-07	2.12E-06
764	490536.72	3860385.12	2.54E-03	2.74E-03	4.33E-03	8.79E-07	2.65E-06	1.54E-06	1.66E-06	1.50E-06	6.86E-07	1.08E-06	2.94E-08	7.09E-07	1.56E-07	2.25E-07	3.57E-07	6.29E-08	5.68E-07	2.11E-06
765	490586.72	3860385.12	2.53E-03	2.72E-03	4.30E-03	8.74E-07	2.64E-06	1.53E-06	1.65E-06	1.49E-06	6.82E-07	1.08E-06	2.92E-08	7.05E-07	1.56E-07	2.24E-07	3.55E-07	6.26E-08	5.65E-07	2.10E-06
766	490636.72	3860385.12	2.51E-03	2.71E-03	4.28E-03	8.70E-07	2.63E-06	1.52E-06	1.64E-06	1.49E-06	6.78E-07	1.07E-06	2.90E-08	7.02E-07	1.55E-07	2.23E-07	3.53E-07	6.22E-08	5.62E-07	2.09E-06
767	490686.72	3860385.12	2.50E-03	2.70E-03	4.26E-03	8.66E-07	2.62E-06	1.51E-06	1.63E-06	1.48E-06	6.76E-07	1.07E-06	2.89E-08	6.99E-07	1.54E-07	2.22E-07	3.52E-07	6.20E-08	5.60E-07	2.08E-06
768	490736.72	3860385.12	2.49E-03	2.69E-03	4.25E-03	8.63E-07	2.61E-06	1.51E-06	1.63E-06	1.47E-06	6.73E-07	1.06E-06	2.88E-08	6.96E-07	1.54E-07	2.21E-07	3.50E-07	6.18E-08	5.58E-07	2.07E-06
769	490786.72	3860385.12	2.49E-03	2.68E-03	4.23E-03	8.60E-07	2.60E-06	1.50E-06	1.62E-06	1.47E-06	6.71E-07	1.06E-06	2.87E-08	6.94E-07	1.53E-07	2.20E-07	3.49E-07	6.16E-08	5.56E-07	2.06E-06
770	490136.72	3860435.12	2.61E-03	2.81E-03	4.44E-03	9.03E-07	2.73E-06	1.58E-06	1.70E-06	1.54E-06	7.04E-07	1.11E-06	3.02E-08	7.29E-07	1.61E-07	2.31E-07	3.67E-07	6.46E-08	5.84E-07	2.17E-06
771	490186.72	3860435.12	2.60E-03	2.80E-03	4.42E-03	8.99E-07	2.72E-06	1.57E-06	1.70E-06	1.54E-06	7.01E-07	1.11E-06	3.00E-08	7.25E-07	1.60E-07	2.30E-07	3.65E-07	6.44E-08	5.81E-07	2.16E-06
772	490236.72	3860435.12	2.58E-03	2.79E-03	4.40E-03	8.95E-07	2.70E-06	1.56E-06	1.69E-06	1.53E-06	6.98E-07	1.10E-06	2.99E-08	7.22E-07	1.59E-07	2.29E-07	3.63E-07	6.40E-08	5.78E-07	2.15E-06
773	490286.72	3860435.12	2.57E-03	2.77E-03	4.38E-03	8.89E-07	2.69E-06	1.55E-06	1.68E-06	1.52E-06	6.94E-07	1.10E-06	2.97E-08	7.17E-07	1.58E-07	2.28E-07	3.61E-07	6.36E-08	5.75E-07	2.13E-06
774	490336.72	3860435.12	2.55E-03	2.75E-03	4.35E-03	8.83E-07	2.67E-06	1.54E-06	1.67E-06	1.51E-06	6.89E-07	1.09E-06	2.95E-08	7.12E-07	1.57E-07	2.26E-07	3.59E-07	6.32E-08	5.71E-07	2.12E-06
775	490386.72	3860435.12	2.54E-03	2.74E-03	4.32E-03	8.78E-07	2.65E-06	1.53E-06	1.65E-06	1.50E-06	6.84E-07	1.08E-06	2.93E-08	7.08E-07	1.56E-07	2.25E-07	3.56E-07	6.28E-08	5.67E-07	2.10E-06
776	490436.72	3860435.12	2.52E-03	2.72E-03	4.29E-03	8.72E-07	2.63E-06	1.52E-06	1.64E-06	1.49E-06	6.80E-07	1.07E-06	2.91E-08	7.03E-07	1.55E-07	2.23E-07	3.54E-07	6.24E-08	5.64E-07	2.09E-06
777	490486.72	3860435.12	2.50E-03	2.70E-03	4.26E-03	8.66E-07	2.62E-06	1.51E-06	1.63E-06	1.48E-06	6.76E-07	1.07E-06	2.89E-08	6.99E-07	1.54E-07	2.22E-07	3.52E-07	6.20E-08	5.60E-07	2.08E-06
778	490536.72	3860435.12	2.49E-03	2.68E-03	4.24E-03	8.61E-07	2.60E-06	1.51E-06	1.62E-06	1.47E-06	6.72E-07	1.06E-06	2.88E-08	6.95E-07	1.53E-07	2.20E-07	3.50E-07	6.16E-08	5.57E-07	2.07E-06
779	490586.72	3860435.12	2.47E-03	2.67E-03	4.21E-03	8.56E-07	2.58E-06	1.50E-06	1.61E-06	1.46E-06	6.68E-07	1.05E-06	2.86E-08	6.90E-07	1.52E-07	2.19E-07	3.48E-07	6.13E-08	5.53E-07	2.05E-06
780	490636.72	3860435.12	2.46E-03	2.65E-03	4.19E-03	8.51E-07	2.57E-06	1.49E-06	1.60E-06	1.45E-06	6.64E-07	1.05E-06	2.84E-08	6.87E-07	1.51E-07	2.18E-07	3.46E-07	6.09E-08	5.50E-07	2.04E-06
781	490686.72	3860435.12	2.45E-03	2.64E-03	4.17E-03	8.47E-07	2.56E-06	1.48E-06	1.60E-06	1.45E-06	6.61E-07	1.04E-06	2.83E-08	6.83E-07	1.51E-07	2.17E-07	3.44E-07	6.06E-08	5.48E-07	2.03E-06
782	490736.72	3860435.12	2.44E-03	2.63E-03	4.15E-03	8.44E-07	2.55E-06	1.47E-06	1.59E-06	1.44E-06	6.58E-07	1.04E-06	2.82E-08	6.80E-07	1.50E-07	2.16E-07	3.43E-07	6.04E-08	5.45E-07	2.02E-06
783	490786.72	3860435.12	2.43E-03	2.62E-03	4.14E-03	8.40E-07	2.54E-06	1.47E-06	1.58E-06	1.44E-06	6.55E-07	1.04E-06	2.81E-08	6.78E-07	1.50E-07	2.15E-07	3.41E-07	6.01E-08	5.43E-07	2.01E-06
784	490136.72	3860485.12	2.56E-03	2.76E-03	4.35E-03	8.84E-07	2.67E-06	1.55E-06	1.67E-06	1.51E-06	6.90E-07	1.09E-06	2.95E-08	7.13E-07	1.57E-07	2.26E-07	3.59E-07	6.33E-08	5.72E-07	2.12E-06
785	490186.72	3860485.12	2.54E-03	2.74E-03	4.33E-03	8.81E-07	2.66E-06	1.54E-06	1.66E-06	1.51E-06	6.87E-07	1.08E-06	2.94E-08	7.10E-07	1.57E-07	2.25E-07	3.58E-07	6.30E-08	5.69E-07	2.11E-06
786	490236.72	3860485.12	2.53E-03	2.73E-03	4.31E-03	8.76E-07	2.65E-06	1.53E-06	1.65E-06	1.50E-06	6.83E-07	1.08E-06	2.93E-08	7.07E-07	1.56E-07	2.24E-07	3.56E-07	6.27E-08	5.66E-07	2.10E-06
787	490286.72	3860485.12	2.52E-03	2.72E-03	4.29E-03	8.72E-07	2.63E-06	1.52E-06	1.64E-06	1.49E-06	6.80E-07	1.07E-06	2.91E-08	7.03E-07	1.55E-07	2.23E-07	3.54E-07	6.24E-08	5.64E-07	2.09E-06
788	490336.72	3860485.12	2.50E-03	2.70E-03	4.26E-03	8.66E-07	2.62E-06	1.51E-06	1.63E-06	1.48E-06	6.76E-07	1.07E-06	2.89E-08	6.99E-07	1.54E-07	2.22E-07	3.52E-07	6.20E-08	5.60E-07	2.08E-06
789	490386.72	3860485.12	2.49E-03	2.68E-03	4.24E-03	8.61E-07	2.60E-06	1.51E-06	1.62E-06	1.47E-06	6.72E-07	1.06E-06	2.88E-08	6.95E-07	1.53E-07	2.20E-07	3.50E-07	6.16E-08	5.57E-07	2.07E-06
790	490436.72	3860485.12	2.47E-03	2.67E-03	4.21E-03	8.56E-07	2.59E-06	1.50E-06	1.61E-06	1.46E-06	6.68E-07	1.05E-06	2.86E-08	6.91E-07	1.52E-07	2.19E-07	3.48E-07	6.13E-08	5.54E-07	2.05E-06
791	490486.72	3860485.12	2.46E-03	2.65E-03	4.19E-03	8.50E-07	2.57E-06	1.49E-06	1.60E-06	1.45E-06	6.63E-07	1.05E-06	2.84E-08	6.86E-07	1.51E-07	2.18E-07	3.45E-07	6.09E-08	5.50E-07	2.04E-06
792	490536.72	3860485.12	2.44E-03	2.63E-03	4.16E-03	8.44E-07	2.55E-06	1.48E-06	1.59E-06	1.44E-06	6.59E-07	1.04E-06	2.82E-08	6.81E-07	1.50E-07	2.16E-07	3.43E-07	6.04E-08	5.46E-07	2.03E-06
793	490586.72	3860485.12	2.42E-03	2.61E-03	4.13E-03	8.39E-07	2.53E-06	1.47E-06	1.58E-06	1.43E-06	6.54E-07	1.03E-06	2.80E-08	6.77E-07	1.49E-07	2.15E-07	3.41E-07	6.00E-08	5.42E-07	2.01E-06
794	490636.72	3860485.12	2.41E-03	2.60E-03	4.11E-03	8.34E-07	2.52E-06	1.46E-06	1.57E-06	1.43E-06	6.51E-07	1.03E-06	2.79E-08	6.73E-07	1.48E-07	2.14E-07	3.39E-07	5.97E-08	5.39E-07	2.00E-06
795	490686.72	3860485.12	2.40E-03	2.58E-03	4.08E-03	8.29E-07	2.50E-06	1.45E-06	1.56E-06	1.42E-06	6.47E-07	1.02E-06	2.77E-08	6.69E-07	1.48E-07	2.12E-07	3.37E-07	5.93E-08	5.36E-07	1.99E-06
796	490736.72	3860485.12	2.38E-03	2.57E-03	4.06E-03	8.25E-07	2.49E-06	1.44E-06	1.56E-06	1.41E-06	6.44E-07	1.02E-06	2.76E-08	6.66E-07	1.47E-07	2.11E-07	3.35E-07	5.91E-08	5.34E-07	1.98E-06
797	490786.72	3860485.12	2.37E-03	2.56E-03	4.04E-03	8.22E-07	2.48E-06	1.44E-06	1.55E-06	1.40E-06	6.41E-07	1.01E-06	2.74E-08	6.63E-07	1.46E-07	2.10E-07	3.34E-07	5.88E-08	5.31E-07	1.97E-06
798	490136.72	3860535.12	2.50E-03	2.70E-03	4.26E-03	8.66E-07	2.61E-06	1.51E-06	1.63E-06	1.48E-06	6.75E-07	1.07E-06	2.89E-08	6.98E-07	1.54E-07	2.22E-07	3.52E-07	6.19E-08	5.59E-07	2.08E-06
799	490186.72	3860535.12	2.50E-03	2.69E-03	4.25E-03	8.64E-07	2.61E-06	1.51E-06	1.63E-06	1.48E-06	6.74E-07	1.06E-06	2.89E-08	6.97E-07	1.54E-07	2.21E-07	3.51E-07	6.18E-08	5.59E-07	2.07E-06
800	490236.72	3860535.12	2.48E-03	2.68E-03	4.23E-03	8.59E-07	2.59E-06	1.50E-06	1.62E-06	1.47E-06	6.70E-07	1.06E-06	2.87E-08	6.93E-07	1.53E-07	2.20E-07	3.49E-07	6.15E-08	5.55E-07	2.06E-06
801	490286.72	3860535.12	2.47E-03	2.66E-03	4.20E-03	8.54E-07	2.58E-06	1.49E-06	1.61E-06	1.46E-06	6.66E-07	1.05E-06	2.85E-08	6.89E-07	1.52E-07	2.19E-07	3.47E-07	6.11E-08	5.52E-07	2.05E-06
802	490336.72	3860535.12	2.45E-03	2.65E-03	4.18E-03	8.50E-07	2.57E-06	1.49E-06	1.60E-06	1.45E-06	6.63E-07	1.05E-06	2.84E-08	6.85E-07	1.51E-07	2.18E-07	3.45E-07	6.08E-08	5.49E-07	2.04E-06
803	490386.72	3860535.12	2.44E-03	2.63E-03	4.16E-03	8.45E-07	2.55E-06	1.48E-06	1.59E-06	1.45E-06	6.59E-07	1.04E-06	2.82E-08	6.82E-07	1.50E-07	2.16E-07	3.43E-07	6.05E-08	5.47E-07	2.03E-06
804	490436.72	3860535.12	2.43E-03	2.62E-03	4.14E-03	8.41E-07	2.54E-06	1.47E-06	1.59E-06	1.44E-06	6.56E-07	1.04E-06	2.81E-08	6.78E-07	1.50E-07	2.15E-07	3.41E-07	6.02E-08	5.44E-07	2.02E-06
805	490486.72	3860535.12	2.41E-03	2.60E-03	4.11E-03	8.36E-07	2.52E-06	1.46E-06	1.58E-06	1.43E-06	6.52E-07	1.03E-06	2.79E-08	6.74E-07	1.49E-07	2.14E-07	3.39E-07	5.98E-08	5.40E-07	2.00E-06
806	490536.72	3860535.12	2.40E-03	2.59E-03	4.10E-03	8.32E-07	2.51E-06	1.45E-06	1.57E-06	1.42E-06	6.49E-07	1.03E-06	2.78E-08	6.71E-07	1.48E-07	2.13E-07	3.38E-07	5.95E-08	5.38E-07	2.00E-06
807	490586.72	3860535.12	2.38E-03	2.57E-03	4.06E-03	8.24E-07	2.49E-06	1.44E-06	1.55E-06	1.41E-06	6.43E-07	1.02E-06	2.75E-08	6.65E-07	1.47E-07	2.11E-07	3.35E-07	5.90E-08	5.33E-07	1.98E-06
808	490636.72	3860535.12	2.36E-03	2.55E-03	4.03E-03	8.18E-07	2.47E-06	1.43E-06	1.54E-06	1.40E-06	6.38E-07	1.01E-06	2.73E-08	6.60E-07	1.46E-07	2.09E-07	3.32E-07	5.86E-08	5.29E-07	1.96E-06
809	490686.72	3860535.12	2.35E-03	2.53E-03	4.00E-03	8.13E-07	2.46E-06	1.42E-06	1.53E-06	1.39E-06	6.34E-07	1.00E-06	2.72E-08	6.56E-07	1.45E-07	2.08E-07	3.30E-07	5.82E-08	5.26E-07	1.95E-06
810	490736.72	3860535.12	2.34E-03	2.52E-03	3.98E-03	8.09E-07	2.44E-06	1.41E-06	1.52E-06	1.38E-06	6.31E-07	9.96E-07	2.70E-08	6.52E-07	1.44E-07	2.07E-07	3.28E-07	5.79E-08	5.23E-07	1.94E-06
811	490786.72	3860535.12	2.32E-03	2.51E-03	3.96E-03	8.05E-07	2.43E-06	1.41E-06	1.52E-06	1.38E-06	6.28E-07	9.92E-07	2.69E-08	6.49E-07	1.43E-07	2.06E-07	3.27E-07	5.76E-08	5.20E-07	1.93E-06
812	490136.72	3860585.12	2.45E-03	2.64E-03	4.17E-03	8.48E-07	2.56E-06	1.48E-06	1.60E-06	1.45E-06	6.62E-07	1.04E-06	2.83E-08	6.84E-07	1.51E-07	2.17E-07	3.44E-07	6.07E-08	5.48E-07	2.03E-06
813	490186.72	3860585.12	2.43E-03	2.62E-03	4.14E-03	8.42E-07	2.54E-06	1.47E-06	1.59E-06	1.44E-06	6.57E-07	1.04E-06	2.81E-08	6.79E-07	1.50E-07	2.16E-07	3.42E-07	6.03E-08	5.44E-07	2.02E-06
814	490236.72	3860585.12	2.43E-03	2.62E-03	4.13E-03	8.40E-07	2.54E-06	1.47E-06	1.58E-06	1.44E-06	6.55E-07	1.03E-06	2.81E-08	6.78E-07	1.50E-07	2.15E-07	3.41E-07	6.01E-08	5.43E-07	2.01E-06
815	490286.72	3860585.12	2.42E-03	2.61E-03	4.12E-03	8.37E-07	2.53E-06	1.46E-06	1.58E-06	1.43E-06	6.53E-07	1.03E-06	2.80E-08	6.75E-07	1.49E-07	2.14E-07	3.40E-07	5.99E-08	5.41E-07	2.01E-06
816	490336.72	3860585.12	2.41E-03	2.60E-03	4.10E-03	8.33E-07	2.52E-06	1.46E-06	1.57E-06	1.42E-06	6.50E-07	1.03E-06	2.78E-08	6.72E-07	1.48E-07	2.13E-07	3.38E-07	5.96E-08	5.39E-07	2.00E-06
817	490386.72	3860585.12	2.39E-03	2.58E-03	4.08E-03	8.29E-07	2.50E-06	1.45E-06	1.56E-06	1.42E-06	6.46E-07	1.02E-06	2.77E-08	6.69E-07	1.48E-07	2.12E-07	3.37E-07	5.93E-08	5.36E-07	1.99E-06
818	490436.72	3860585.12	2.39E-03	2.58E-03	4.07E-03	8.26E-07	2.50E-06	1.44E-06	1.56E-06	1.41E-06	6.44E-07	1.02E-06	2.76E-08	6.67E-07	1.47E-07	2.12E-07	3.36E-07	5.91E-08	5.34E-07	1.98E-06
819	490486.72	3860585.12	2.38E-03	2.56E-03	4.05E-03	8.23E-07	2.49E-06	1.44E-06	1.55E-06	1.41E-06	6.42E-07	1.01E-06	2.75E-08	6.64E-07	1.47E-07	2.11E-07	3.34E-07	5.89E-08	5.32E-07	1.97E-06
820	490536.72	3860585.12	2.36E-03	2.55E-03	4.02E-03	8.17E-07	2.47E-06	1.43E-06	1.54E-06	1.40E-06	6.37E-07	1.01E-06	2.73E-08	6.59E-07	1.45E-07	2.09E-07	3.32E-07	5.85E-08	5.29E-07	1.96E-06
821	490586.72	3860585.12	2.34E-03	2.52E-03	3.98E-03	8.08E-07	2.44E-06	1.41E-06	1.52E-06	1.38E-06	6.30E-07	9.96E-07	2.70E-08	6.52E-07	1.44E-07	2.07E-07	3.28E-07	5.79E-08	5.23E-07	1.94E-06
822	490636.72	3860585.12	2.32E-03	2.50E-03	3.96E-03	8.03E-07	2.43E-06	1.40E-06	1.51E-06	1.37E-06	6.26E-07	9.90E-07	2.68E-08	6.48E-07	1.43E-07	2.06E-07	3.26E-07	5.75E-08	5.20E-07	1.93E-06
823	490686.72	3860585.12	2.31E-03	2.49E-03	3.93E-03	7.98E-07	2.41E-06	1.40E-06	1.51E-06	1.36E-06	6.23E-07	9.84E-07	2.67E-08	6.44E-07	1.42E-07	2.04E-07	3.24E-07	5.71E-08	5.16E-07	1.91E-06
824	490736.72	3860585.12	2.29E-03	2.47E-03	3.91E-03	7.93E-07	2.40E-06	1.39E-06	1.50E-06	1.36E-06	6.19E-07	9.78E-07	2.65E-08	6.40E-07	1.41E-07	2.03E-07	3.22E-07	5.68E-08	5.13E-07	1.90E-06
825	490786.72	3860585.12	2.28E-03	2.46E-03	3.88E-03	7.89E-07	2.38E-06	1.38E-06	1.49E-06	1.35E-06	6.15E-07	9.72E-07	2.63E-08	6.36E-07	1.40E-07	2.02E-07	3.20E-07	5.64E-08	5.10E-07	1.89E-06
826	490136.72	3860635.12	2.40E-03	2.59E-03	4.10E-03	8.32E-07	2.51E-06	1.45E-06	1.57E-06	1.42E-06	6.49E-07	1.03E-06	2.78E-08	6.71E-07	1.48E-07	2.13E-07	3.38E-07	5.96E-08	5.38E-07	2.00E-06
827	490186.72	3860635.12	2.39E-03	2.58E-03	4.07E-03	8.28E-07	2.50E-06	1.45E-06	1.56E-06	1.42E-06	6.46E-07	1.02E-06	2.76E-08	6.68E-07	1.47E-07	2.12E-07	3.36E-07	5.93E-08	5.35E-07	1.99E-06
828	490236.72	3860635.12	2.38E-03	2.56E-03	4.05E-03	8.23E-07	2.49E-06	1.44E-06	1.55E-06	1.41E-06	6.42E-07	1.01E-06	2.75E-08	6.64E-07	1.46E-07	2.11E-07	3.34E-07	5.89E-08	5.32E-07	1.97E-06
829	490286.72	3860635.12	2.37E-03	2.55E-03	4.04E-03	8.20E-07	2.48E-06	1.43E-06	1.55E-06	1.40E-06	6.39E-07	1.01E-06	2.74E-08	6.61E-07	1.46E-07	2.10E-07	3.33E-07	5.87E-08	5.30E-07	1.97E-06
830	490336.72	3860635.12	2.36E-03	2.55E-03	4.02E-03	8.17E-07	2.47E-06	1.43E-06	1.54E-06	1.40E-06	6.37E-07	1.01E-06	2.73E-08	6.59E-07	1.45E-07	2.09E-07	3.32E-07	5.85E-08	5.28E-07	1.96E-06
831	490386.72	3860635.12	2.35E-03	2.53E-03	4.00E-03	8.13E-07	2.46E-06	1.42E-06	1.53E-06	1.39E-06	6.34E-07	1.00E-06	2.72E-08	6.56E-07	1.45E-07	2.08E-07	3.30E-07	5.82E-08	5.26E-07	1.95E-06
832	490436.72	3860635.12	2.34E-03	2.52E-03	3.98E-03	8.09E-07	2.44E-06	1.41E-06	1.53E-06	1.38E-06	6.31E-07	9.97E-07	2.70E-08	6.52E-07	1.44E-07	2.07E-07	3.29E-07	5.79E-08	5.23E-07	1.94E-06
833	490486.72	3860635.12	2.32E-03	2.51E-03	3.96E-03	8.05E-07	2.43E-06	1.41E-06	1.52E-06	1.38E-06	6.28E-07	9.92E-07	2.69E-08	6.49E-07	1.43E-07	2.06E-07	3.27E-07	5.76E-08	5.20E-07	1.93E-06

834	490536.72	3860635.12	2.31E-03	2.50E-03	3.94E-03	8.01E-07	2.42E-06	1.40E-06	1.51E-06	1.37E-06	6.25E-07	9.87E-07	2.67E-08	6.46E-07	1.43E-07	2.05E-07	3.25E-07	5.73E-08	5.18E-07	1.92E-06
835	490586.72	3860635.12	2.30E-03	2.48E-03	3.91E-03	7.95E-07	2.40E-06	1.39E-06	1.50E-06	1.36E-06	6.20E-07	9.79E-07	2.65E-08	6.41E-07	1.41E-07	2.03E-07	3.23E-07	5.69E-08	5.14E-07	1.91E-06
836	490636.72	3860635.12	2.28E-03	2.46E-03	3.89E-03	7.90E-07	2.38E-06	1.38E-06	1.49E-06	1.35E-06	6.16E-07	9.73E-07	2.64E-08	6.37E-07	1.41E-07	2.02E-07	3.21E-07	5.65E-08	5.11E-07	1.89E-06
837	490686.72	3860635.12	2.27E-03	2.44E-03	3.86E-03	7.84E-07	2.37E-06	1.37E-06	1.48E-06	1.34E-06	6.12E-07	9.67E-07	2.62E-08	6.33E-07	1.40E-07	2.01E-07	3.19E-07	5.61E-08	5.07E-07	1.88E-06
838	490736.72	3860635.12	2.25E-03	2.43E-03	3.84E-03	7.79E-07	2.35E-06	1.36E-06	1.47E-06	1.33E-06	6.07E-07	9.60E-07	2.60E-08	6.28E-07	1.39E-07	1.99E-07	3.16E-07	5.57E-08	5.04E-07	1.87E-06
839	490786.72	3860635.12	2.24E-03	2.41E-03	3.81E-03	7.74E-07	2.34E-06	1.35E-06	1.46E-06	1.32E-06	6.04E-07	9.54E-07	2.58E-08	6.24E-07	1.38E-07	1.98E-07	3.14E-07	5.54E-08	5.01E-07	1.86E-06
840	490136.72	3860685.12	2.35E-03	2.53E-03	4.00E-03	8.13E-07	2.45E-06	1.42E-06	1.53E-06	1.39E-06	6.34E-07	1.00E-06	2.71E-08	6.56E-07	1.45E-07	2.08E-07	3.30E-07	5.82E-08	5.25E-07	1.95E-06
841	490186.72	3860685.12	2.35E-03	2.54E-03	4.01E-03	8.14E-07	2.46E-06	1.42E-06	1.54E-06	1.39E-06	6.35E-07	1.00E-06	2.72E-08	6.57E-07	1.45E-07	2.08E-07	3.31E-07	5.83E-08	5.27E-07	1.95E-06
842	490236.72	3860685.12	2.34E-03	2.52E-03	3.98E-03	8.09E-07	2.44E-06	1.41E-06	1.53E-06	1.38E-06	6.31E-07	9.97E-07	2.70E-08	6.52E-07	1.44E-07	2.07E-07	3.28E-07	5.79E-08	5.23E-07	1.94E-06
843	490286.72	3860685.12	2.32E-03	2.50E-03	3.95E-03	8.02E-07	2.42E-06	1.40E-06	1.51E-06	1.37E-06	6.26E-07	9.88E-07	2.68E-08	6.47E-07	1.43E-07	2.05E-07	3.26E-07	5.74E-08	5.19E-07	1.92E-06
844	490336.72	3860685.12	2.31E-03	2.50E-03	3.94E-03	8.01E-07	2.42E-06	1.40E-06	1.51E-06	1.37E-06	6.24E-07	9.87E-07	2.67E-08	6.46E-07	1.43E-07	2.05E-07	3.25E-07	5.73E-08	5.18E-07	1.92E-06
845	490386.72	3860685.12	2.30E-03	2.49E-03	3.93E-03	7.98E-07	2.41E-06	1.39E-06	1.50E-06	1.36E-06	6.22E-07	9.83E-07	2.66E-08	6.43E-07	1.42E-07	2.04E-07	3.24E-07	5.71E-08	5.16E-07	1.91E-06
846	490436.72	3860685.12	2.29E-03	2.47E-03	3.91E-03	7.93E-07	2.40E-06	1.39E-06	1.50E-06	1.36E-06	6.19E-07	9.78E-07	2.65E-08	6.40E-07	1.41E-07	2.03E-07	3.22E-07	5.68E-08	5.13E-07	1.90E-06
847	490486.72	3860685.12	2.28E-03	2.46E-03	3.88E-03	7.89E-07	2.38E-06	1.38E-06	1.49E-06	1.35E-06	6.15E-07	9.72E-07	2.63E-08	6.36E-07	1.40E-07	2.02E-07	3.20E-07	5.64E-08	5.10E-07	1.89E-06
848	490536.72	3860685.12	2.27E-03	2.45E-03	3.86E-03	7.85E-07	2.37E-06	1.37E-06	1.48E-06	1.34E-06	6.12E-07	9.67E-07	2.62E-08	6.33E-07	1.40E-07	2.01E-07	3.19E-07	5.62E-08	5.08E-07	1.88E-06
849	490586.72	3860685.12	2.25E-03	2.43E-03	3.84E-03	7.80E-07	2.36E-06	1.36E-06	1.47E-06	1.33E-06	6.08E-07	9.62E-07	2.61E-08	6.29E-07	1.39E-07	2.00E-07	3.17E-07	5.58E-08	5.05E-07	1.87E-06
850	490636.72	3860685.12	2.24E-03	2.42E-03	3.82E-03	7.76E-07	2.34E-06	1.36E-06	1.46E-06	1.33E-06	6.05E-07	9.56E-07	2.59E-08	6.26E-07	1.38E-07	1.99E-07	3.15E-07	5.55E-08	5.02E-07	1.86E-06
851	490686.72	3860685.12	2.23E-03	2.40E-03	3.80E-03	7.72E-07	2.33E-06	1.35E-06	1.45E-06	1.32E-06	6.02E-07	9.51E-07	2.58E-08	6.22E-07	1.37E-07	1.98E-07	3.13E-07	5.52E-08	4.99E-07	1.85E-06
852	490736.72	3860685.12	2.21E-03	2.39E-03	3.77E-03	7.66E-07	2.31E-06	1.34E-06	1.44E-06	1.31E-06	5.98E-07	9.44E-07	2.56E-08	6.18E-07	1.36E-07	1.96E-07	3.11E-07	5.48E-08	4.96E-07	1.84E-06
853	490786.72	3860685.12	2.20E-03	2.38E-03	3.75E-03	7.62E-07	2.30E-06	1.33E-06	1.44E-06	1.30E-06	5.94E-07	9.40E-07	2.55E-08	6.15E-07	1.36E-07	1.95E-07	3.10E-07	5.46E-08	4.93E-07	1.83E-06
854	490136.72	3860735.12	2.28E-03	2.46E-03	3.89E-03	7.90E-07	2.39E-06	1.38E-06	1.49E-06	1.35E-06	6.16E-07	9.73E-07	2.64E-08	6.37E-07	1.41E-07	2.02E-07	3.21E-07	5.65E-08	5.11E-07	1.89E-06
855	490186.72	3860735.12	2.28E-03	2.46E-03	3.88E-03	7.88E-07	2.38E-06	1.38E-06	1.49E-06	1.35E-06	6.15E-07	9.71E-07	2.63E-08	6.36E-07	1.40E-07	2.02E-07	3.20E-07	5.64E-08	5.10E-07	1.89E-06
856	490236.72	3860735.12	2.27E-03	2.45E-03	3.87E-03	7.87E-07	2.38E-06	1.38E-06	1.48E-06	1.35E-06	6.14E-07	9.69E-07	2.63E-08	6.35E-07	1.40E-07	2.01E-07	3.20E-07	5.63E-08	5.09E-07	1.89E-06
857	490286.72	3860735.12	2.27E-03	2.45E-03	3.87E-03	7.86E-07	2.37E-06	1.37E-06	1.48E-06	1.34E-06	6.13E-07	9.68E-07	2.62E-08	6.34E-07	1.40E-07	2.01E-07	3.19E-07	5.62E-08	5.08E-07	1.88E-06
858	490336.72	3860735.12	2.26E-03	2.44E-03	3.86E-03	7.83E-07	2.37E-06	1.37E-06	1.48E-06	1.34E-06	6.11E-07	9.65E-07	2.62E-08	6.32E-07	1.39E-07	2.01E-07	3.18E-07	5.61E-08	5.07E-07	1.88E-06
859	490386.72	3860735.12	2.26E-03	2.44E-03	3.85E-03	7.82E-07	2.36E-06	1.37E-06	1.47E-06	1.34E-06	6.10E-07	9.63E-07	2.61E-08	6.31E-07	1.39E-07	2.00E-07	3.17E-07	5.59E-08	5.06E-07	1.87E-06
860	490436.72	3860735.12	2.26E-03	2.43E-03	3.84E-03	7.81E-07	2.36E-06	1.36E-06	1.47E-06	1.33E-06	6.09E-07	9.62E-07	2.61E-08	6.30E-07	1.39E-07	2.00E-07	3.17E-07	5.59E-08	5.05E-07	1.87E-06
861	490486.72	3860735.12	2.24E-03	2.42E-03	3.82E-03	7.76E-07	2.34E-06	1.36E-06	1.46E-06	1.33E-06	6.05E-07	9.57E-07	2.59E-08	6.26E-07	1.38E-07	1.99E-07	3.15E-07	5.55E-08	5.02E-07	1.86E-06
862	490536.72	3860735.12	2.22E-03	2.40E-03	3.79E-03	7.70E-07	2.32E-06	1.35E-06	1.45E-06	1.32E-06	6.00E-07	9.49E-07	2.57E-08	6.21E-07	1.37E-07	1.97E-07	3.13E-07	5.51E-08	4.98E-07	1.85E-06
863	490586.72	3860735.12	2.21E-03	2.39E-03	3.77E-03	7.65E-07	2.31E-06	1.34E-06	1.44E-06	1.31E-06	5.97E-07	9.44E-07	2.56E-08	6.17E-07	1.36E-07	1.96E-07	3.11E-07	5.48E-08	4.95E-07	1.84E-06
864	490636.72	3860735.12	2.20E-03	2.37E-03	3.75E-03	7.61E-07	2.30E-06	1.33E-06	1.44E-06	1.30E-06	5.94E-07	9.38E-07	2.54E-08	6.14E-07	1.35E-07	1.95E-07	3.09E-07	5.45E-08	4.92E-07	1.83E-06
865	490686.72	3860735.12	2.19E-03	2.36E-03	3.73E-03	7.58E-07	2.29E-06	1.32E-06	1.43E-06	1.29E-06	5.91E-07	9.34E-07	2.53E-08	6.11E-07	1.35E-07	1.94E-07	3.08E-07	5.42E-08	4.90E-07	1.82E-06
866	490736.72	3860735.12	2.18E-03	2.35E-03	3.71E-03	7.54E-07	2.28E-06	1.32E-06	1.42E-06	1.29E-06	5.88E-07	9.30E-07	2.52E-08	6.08E-07	1.34E-07	1.93E-07	3.06E-07	5.40E-08	4.88E-07	1.81E-06
867	490136.72	3860785.12	2.22E-03	2.40E-03	3.78E-03	7.69E-07	2.32E-06	1.34E-06	1.45E-06	1.31E-06	6.00E-07	9.47E-07	2.57E-08	6.20E-07	1.37E-07	1.97E-07	3.12E-07	5.51E-08	4.97E-07	1.84E-06
868	490186.72	3860785.12	2.22E-03	2.40E-03	3.79E-03	7.69E-07	2.32E-06	1.34E-06	1.45E-06	1.31E-06	6.00E-07	9.47E-07	2.57E-08	6.21E-07	1.37E-07	1.97E-07	3.12E-07	5.51E-08	4.97E-07	1.84E-06
869	490236.72	3860785.12	2.22E-03	2.39E-03	3.78E-03	7.69E-07	2.32E-06	1.34E-06	1.45E-06	1.31E-06	5.99E-07	9.47E-07	2.57E-08	6.20E-07	1.37E-07	1.97E-07	3.12E-07	5.50E-08	4.97E-07	1.84E-06
870	490286.72	3860785.12	2.22E-03	2.39E-03	3.78E-03	7.68E-07	2.32E-06	1.34E-06	1.45E-06	1.31E-06	5.99E-07	9.46E-07	2.56E-08	6.19E-07	1.37E-07	1.96E-07	3.12E-07	5.49E-08	4.96E-07	1.84E-06
871	490336.72	3860785.12	2.21E-03	2.39E-03	3.77E-03	7.66E-07	2.31E-06	1.34E-06	1.44E-06	1.31E-06	5.97E-07	9.44E-07	2.56E-08	6.18E-07	1.36E-07	1.96E-07	3.11E-07	5.48E-08	4.95E-07	1.84E-06
872	490386.72	3860785.12	2.21E-03	2.39E-03	3.77E-03	7.65E-07	2.31E-06	1.34E-06	1.44E-06	1.31E-06	5.97E-07	9.43E-07	2.56E-08	6.17E-07	1.36E-07	1.96E-07	3.11E-07	5.48E-08	4.95E-07	1.84E-06
873	490436.72	3860785.12	2.20E-03	2.38E-03	3.76E-03	7.63E-07	2.30E-06	1.33E-06	1.44E-06	1.30E-06	5.95E-07	9.40E-07	2.55E-08	6.15E-07	1.36E-07	1.95E-07	3.10E-07	5.46E-08	4.94E-07	1.83E-06
874	490486.72	3860785.12	2.20E-03	2.37E-03	3.75E-03	7.61E-07	2.30E-06	1.33E-06	1.44E-06	1.30E-06	5.94E-07	9.38E-07	2.54E-08	6.14E-07	1.36E-07	1.95E-07	3.09E-07	5.45E-08	4.93E-07	1.83E-06
875	490536.72	3860785.12	2.19E-03	2.36E-03	3.73E-03	7.57E-07	2.29E-06	1.32E-06	1.43E-06	1.29E-06	5.90E-07	9.33E-07	2.53E-08	6.11E-07	1.35E-07	1.94E-07	3.07E-07	5.42E-08	4.90E-07	1.82E-06
876	490586.72	3860785.12	2.17E-03	2.34E-03	3.70E-03	7.51E-07	2.27E-06	1.31E-06	1.42E-06	1.28E-06	5.86E-07	9.26E-07	2.51E-08	6.06E-07	1.34E-07	1.92E-07	3.05E-07	5.38E-08	4.86E-07	1.80E-06
877	490636.72	3860785.12	2.16E-03	2.33E-03	3.68E-03	7.47E-07	2.26E-06	1.31E-06	1.41E-06	1.28E-06	5.83E-07	9.21E-07	2.49E-08	6.02E-07	1.33E-07	1.91E-07	3.03E-07	5.35E-08	4.83E-07	1.79E-06
878	490686.72	3860785.12	2.15E-03	2.32E-03	3.66E-03	7.43E-07	2.24E-06	1.30E-06	1.40E-06	1.27E-06	5.80E-07	9.16E-07	2.48E-08	6.00E-07	1.32E-07	1.90E-07	3.02E-07	5.32E-08	4.81E-07	1.78E-06
879	490736.72	3860785.12	2.14E-03	2.31E-03	3.65E-03	7.40E-07	2.23E-06	1.29E-06	1.40E-06	1.26E-06	5.77E-07	9.13E-07	2.47E-08	5.97E-07	1.32E-07	1.89E-07	3.01E-07	5.30E-08	4.79E-07	1.78E-06
880	490086.72	3860835.12	2.17E-03	2.34E-03	3.69E-03	7.50E-07	2.26E-06	1.31E-06	1.41E-06	1.28E-06	5.85E-07	9.23E-07	2.50E-08	6.05E-07	1.33E-07	1.92E-07	3.04E-07	5.37E-08	4.84E-07	1.80E-06
881	490136.72	3860835.12	2.17E-03	2.34E-03	3.70E-03	7.51E-07	2.27E-06	1.31E-06	1.42E-06	1.28E-06	5.86E-07	9.25E-07	2.51E-08	6.06E-07	1.34E-07	1.92E-07	3.05E-07	5.38E-08	4.86E-07	1.80E-06
882	490186.72	3860835.12	2.17E-03	2.34E-03	3.70E-03	7.51E-07	2.27E-06	1.31E-06	1.42E-06	1.28E-06	5.86E-07	9.25E-07	2.51E-08	6.06E-07	1.34E-07	1.92E-07	3.05E-07	5.38E-08	4.85E-07	1.80E-06
883	490236.72	3860835.12	2.17E-03	2.34E-03	3.69E-03	7.51E-07	2.27E-06	1.31E-06	1.42E-06	1.28E-06	5.85E-07	9.25E-07	2.51E-08	6.05E-07	1.34E-07	1.92E-07	3.05E-07	5.37E-08	4.85E-07	1.80E-06
884	490286.72	3860835.12	2.17E-03	2.34E-03	3.69E-03	7.51E-07	2.27E-06	1.31E-06	1.42E-06	1.28E-06	5.85E-07	9.25E-07	2.51E-08	6.05E-07	1.34E-07	1.92E-07	3.05E-07	5.37E-08	4.85E-07	1.80E-06
885	490336.72	3860835.12	2.16E-03	2.33E-03	3.69E-03	7.49E-07	2.26E-06	1.31E-06	1.41E-06	1.28E-06	5.84E-07	9.23E-07	2.50E-08	6.04E-07	1.33E-07	1.92E-07	3.04E-07	5.36E-08	4.84E-07	1.80E-06
886	490386.72	3860835.12	2.16E-03	2.33E-03	3.68E-03	7.48E-07	2.26E-06	1.31E-06	1.41E-06	1.28E-06	5.83E-07	9.22E-07	2.50E-08	6.03E-07	1.33E-07	1.91E-07	3.04E-07	5.35E-08	4.84E-07	1.79E-06
887	490436.72	3860835.12	2.16E-03	2.33E-03	3.68E-03	7.47E-07	2.25E-06	1.31E-06	1.41E-06	1.28E-06	5.82E-07	9.21E-07	2.49E-08	6.02E-07	1.33E-07	1.91E-07	3.03E-07	5.35E-08	4.83E-07	1.79E-06
888	490486.72	3860835.12	2.15E-03	2.32E-03	3.67E-03	7.45E-07	2.25E-06	1.30E-06	1.40E-06	1.27E-06	5.81E-07	9.19E-07	2.49E-08	6.01E-07	1.33E-07	1.91E-07	3.03E-07	5.33E-08	4.82E-07	1.79E-06
889	490536.72	3860835.12	2.14E-03	2.31E-03	3.66E-03	7.42E-07	2.24E-06	1.30E-06	1.40E-06	1.27E-06	5.79E-07	9.15E-07	2.48E-08	5.99E-07	1.32E-07	1.90E-07	3.01E-07	5.31E-08	4.80E-07	1.78E-06
890	490586.72	3860835.12	2.13E-03	2.30E-03	3.64E-03	7.38E-07	2.23E-06	1.29E-06	1.39E-06	1.26E-06	5.76E-07	9.10E-07	2.46E-08	5.95E-07	1.31E-07	1.89E-07	3.00E-07	5.28E-08	4.78E-07	1.77E-06
891	490636.72	3860835.12	2.12E-03	2.29E-03	3.62E-03	7.34E-07	2.22E-06	1.28E-06	1.38E-06	1.25E-06	5.72E-07	9.05E-07	2.45E-08	5.92E-07	1.31E-07	1.88E-07	2.98E-07	5.25E-08	4.75E-07	1.76E-06
892	490686.72	3860835.12	2.11E-03	2.28E-03	3.60E-03	7.30E-07	2.21E-06	1.28E-06	1.38E-06	1.25E-06	5.70E-07	9.01E-07	2.44E-08	5.89E-07	1.30E-07	1.87E-07	2.97E-07	5.23E-08	4.73E-07	1.75E-06
893	490736.72	3860835.12	2.10E-03	2.27E-03	3.58E-03	7.27E-07	2.20E-06	1.27E-06	1.37E-06	1.24E-06	5.67E-07	8.97E-07	2.43E-08	5.87E-07	1.29E-07	1.86E-07	2.95E-07	5.21E-08	4.71E-07	1.74E-06
894	490086.72	3860885.12	2.12E-03	2.28E-03	3.60E-03	7.32E-07	2.21E-06	1.28E-06	1.38E-06	1.25E-06	5.71E-07	9.01E-07	2.45E-08	5.91E-07	1.30E-07	1.87E-07	2.97E-07	5.24E-08	4.73E-07	1.76E-06
895	490136.72	3860885.12	2.12E-03	2.28E-03	3.61E-03	7.33E-07	2.21E-06	1.28E-06	1.38E-06	1.25E-06	5.72E-07	9.03E-07	2.45E-08	5.91E-07	1.31E-07	1.88E-07	2.98E-07	5.25E-08	4.74E-07	1.76E-06
896	490186.72	3860885.12	2.12E-03	2.29E-03	3.61E-03	7.34E-07	2.22E-06	1.28E-06	1.38E-06	1.25E-06	5.72E-07	9.03E-07	2.45E-08	5.92E-07	1.31E-07	1.88E-07	2.98E-07	5.25E-08	4.74E-07	1.76E-06
897	490236.72	3860885.12	2.12E-03	2.29E-03	3.61E-03	7.34E-07	2.22E-06	1.28E-06	1.38E-06	1.25E-06	5.72E-07	9.04E-07	2.45E-08	5.92E-07	1.31E-07	1.88E-07	2.98E-07	5.25E-08	4.74E-07	1.76E-06
898	490286.72	3860885.12	2.12E-03	2.29E-03	3.61E-03	7.34E-07	2.21E-06	1.28E-06	1.38E-06	1.25E-06	5.72E-07	9.04E-07	2.45E-08	5.92E-07	1.31E-07	1.88E-07	2.98E-07	5.25E-08	4.74E-07	1.76E-06
899	490336.72	3860885.12	2.12E-03	2.28E-03	3.61E-03	7.33E-07	2.21E-06	1.28E-06	1.38E-06	1.25E-06	5.71E-07	9.03E-07	2.45E-08	5.91E-07	1.30E-07	1.88E-07	2.98E-07	5.24E-08	4.74E-07	1.76E-06
900	490386.72	3860885.12	2.11E-03	2.28E-03	3.60E-03	7.32E-07	2.21E-06	1.28E-06	1.38E-06	1.25E-06	5.71E-07	9.02E-07	2.44E-08	5.91E-07	1.30E-07	1.87E-07	2.97E-07	5.24E-08	4.73E-07	1.76E-06
901	490436.72	3860885.12	2.11E-03	2.28E-03	3.60E-03	7.32E-07	2.21E-06	1.28E-06	1.38E-06	1.25E-06	5.71E-07	9.02E-07	2.44E-08	5.90E-07	1.30E-07	1.87E-07	2.97E-07	5.24E-08	4.73E-07	1.75E-06
902	490486.72	3860885.12	2.11E-03	2.27E-03	3.60E-03	7.30E-07	2.20E-06	1.28E-06	1.38E-06	1.25E-06	5.69E-07	9.00E-07	2.44E-08	5.89E-07	1.30E-07	1.87E-07	2.96E-07	5.22E-08	4.72E-07	1.75E-06
903	490536.72	3860885.12	2.10E-03	2.27E-03	3.58E-03	7.28E-07	2.20E-06	1.27E-06	1.37E-06	1.24E-06	5.68E-07	8.97E-07	2.43E-08	5.87E-07	1.30E-07	1.86E-07	2.96E-07	5.21E-08	4.71E-07	1.75E-06
904	490586.72	3860885.12	2.09E-03	2.26E-03	3.57E-03	7.25E-07	2.19E-06	1.27E-06	1.37E-06	1.24E-06	5.65E-07	8.93E-07	2.42E-08	5.84E-07	1.29E-07	1.85E-07	2.94E-07	5.19E-08	4.69E-07	1.74E-06
905	490636.72	3860885.12	2.08E-03	2.25E-03	3.55E-03	7.21E-07	2.18E-06	1.26E-06	1.36E-06	1.23E-06	5.62E-07	8.89E-07	2.41E-08	5.81E-07	1.28E-07	1.85E-07	2.93E-07	5.16E-08	4.67E-07	1.73E-06
906	490686.72	3860885.12	2.07E-03	2.24E-03	3.53E-03	7.17E-07	2.17E-06	1.25E-06	1.35E-06	1.23E-06	5.59E-07	8.84E-07	2.39E-08	5.79E-07	1.28E-07	1.84E-07	2.91E-07	5.13E-08	4.64E-07	1.72E-06
907	490736.72	3860885.12	2.06E-03	2.22E-03	3.52E-03	7.14E-07	2.16E-06	1.25E-06	1.35E-06	1.22E-06	5.57E-07	8.80E-07	2.38E-08	5.76E-07	1.27E-07	1.83E-07	2.90E-07	5.11E-08	4.62E-07	1.71E-06
908	490086.72	3860935.12	2.06E-03	2.22E-03	3.51E-03	7.14E-07	2.16E-06	1.25E-06	1.35E-06	1.22E-06	5.57E-07	8.79E-07	2.38E-08	5.76E-07	1.27E-07	1.83E-07	2.90E-07	5.11E-08	4.61E-07	1.71E-06
909	490136.72	3860935.12	2.06E-03	2.23E-03	3.51E-03	7.14E-07	2.16E-06	1.25E-06	1.35E-06	1.22E-06	5.57E-07	8.79E-07	2.39E-08	5.76E-07	1.27E-07	1.83E-07	2.90E-07	5.11E-08	4.62E-07	1.71E-06
910	490186.72	3860935.12	2.07E-03	2.23E-03	3.52E-03	7.16E-07	2.16E-06	1.25E-06	1.35E-06	1.22E-06	5.58E-07	8.81E-07	2.39E-08	5.77E-07	1.27E-07	1.83E-07	2.91E-07	5.12E-08	4.62E-07	1.72E-06
911	490236.72	3860935.12	2.07E-03	2.23E-03	3.53E-03	7.17E-07	2.16E-06	1.25E-06	1.35E-06	1.22E-06	5.59E-07	8.82E-07	2.39E-08	5.78E-07	1.28E-07	1.83E-07	2.91E-07	5.13E-08	4.63E-07	1.72E-06
912	490286.72	3860935.12	2.07E-03	2.23E-03	3.53E-03	7.17E-07	2.17E-06	1.25E-06	1.35E-06	1.23E-06	5.59E-07	8.83E-07	2.39E-08	5.78E-07	1.28E-07	1.84E-07	2.91E-07	5.13E-08	4.64E-07	1.72E-06
913	490336.72	3860935.12	2.07E-03	2.23E-03	3.53E-03	7.16E-07	2.16E-06	1.25E-06	1.35E-06	1.22E-06	5.59E-07	8.83E-07	2.39E-08	5.78E-07	1.28E-07	1.83E-07	2.91E-07	5.13E-08	4.63E-07	1.72E-06
914	490386.72	3860935.12	2.07E-03	2.23E-03	3.53E-03	7.17E-07	2.16E-06	1.25E-06	1.35E-06	1.22E-06	5.59E-07	8.83E-07	2.39E-08	5.78E-07	1.28E-07	1.83E-07	2.91E-07	5.13E-08	4.63E-07	1.72E-06
915	490436.72	3860935.12	2.07E-03	2.23E-03	3.53E-03	7.16E-07	2.16E-06	1.25E-06	1.35E-06	1.22E-06	5.59E-07	8.83E-07	2.39E-08	5.78E-07	1.28E-07	1.83E-07	2.91E-07	5.13E-08	4.63E-07	1.72E-06
916	490486.72	3860935.12	2.07E-03	2.23E-03	3.52E-03	7.15E-07	2.16E-06	1.25E-06	1.35E-06	1.22E-06	5.58E-07	8.81E-07	2.39E-08	5.77E-07	1.27E-07	1.83E-07	2.90E-07	5.12E-08	4.63E-07	1.72E-06
917	490536.72	3860935.12	2.06E-03	2.22E-03	3.51E-03	7.13E-07	2.15E-06	1.25E-06	1.35E-06	1.22E-06	5.56E-07	8.80E-07	2.38E-08	5.76E-07	1.27E-07	1.83E-07	2.90E-07	5.11E-08	4.62E-07	1.71E-06
918	490586.72	3860935.12	2.05E-03	2.22E-03	3.50E-03	7.11E-07	2.15E-06	1.24E-06	1.34E-06	1.22E-06	5.54E-07	8.77E-07	2.37E-08	5.73E-07	1.27E-07	1.82E-07	2.89E-07	5.09E-08	4.60E-07	1.71E-06
919	490636.72	3860935.12	2.04E-03	2.21E-03	3.49E-03	7.08E-07	2.14E-06	1.24E-06	1.33E-06	1.21E-06	5.52E-07	8.73E-07	2.36E-08	5.71E-07	1.26E-07	1.81E-07	2.87E-07	5.07E-08	4.58E-07	1.70E-06
920	490686.72	3860935.12	2.04E-03	2.20E-03	3.47E-03	7.05E-07	2.13E-06	1.23E-06	1.33E-06	1.20E-06	5.50E-07	8.69E-07	2.35E-08	5.68E-07	1.25E-07	1.80E-07	2.86E-07	5.04E-08	4.56E-07	1.69E-06
921	490736.72	3860935.12	2.03E-03	2.19E-03	3.46E-03	7.01E-07	2.12E-06	1.23E-06	1.32E-06	1.20E-06	5.47E-07	8.65E-07	2.34E-08	5.66E-07	1.25E-07	1.80E-07	2.85E-07	5.02E-08	4.54E-07	1.68E-06
922	490786.72	3860935.12	2.02E-03	2.17E-03	3.44E-03	6.98E-07	2.11E-06	1.22E-06	1.32E-06	1.19E-06	5.44E-07	8.61E-07	2.33E-08	5.63E-07	1.24E-07	1.79E-07	2.83E-07	4.99E-08	4.52E-07	1.67E-06
923	490836.72	3860935.12	2.01E-03	2.17E-03	3.43E-03	6.95E-07	2.10E-06	1.21E-06	1.31E-06	1.19E-06	5.42E-07	8.57E-07	2.32E-08	5.61E-07	1.24E-07	1.78E-07	2.82E-07	4.97E-08	4.50E-07	1.67E-06
924	490086.72	3860985.12	2.01E-03	2.17E-03	3.43E-03	6.97E-07	2.10E-06	1.22E-06	1.31E-06	1.19E-06	5.43E-07	8.58E-07	2.33E-08	5.62E-07	1.24E-07	1.78E-07	2.83E-07	4.99E-08	4.50E-07	1.67E-06
925	490136.72	3860985.12	2.02E-03	2.18E-03	3.43E-03	6.98E-07	2.11E-06	1.22E-06	1.32E-06	1.19E-06	5.44E-07	8.59E-07	2.33E-08	5.63E-07	1.24E-07	1.79E-07	2.83E-07	5.00E-08	4.51E-07	1.67E-06
926	490186.72	3860985.12	2.02E-03	2.18E-03	3.44E-03	7.00E-07	2.11E-06	1.22E-06	1.32E-06	1.20E-06	5.46E-07	8.61E-07	2.34E-08	5.64E-07	1.25E-07	1.79E-07	2.84E-07	5.01E-08	4.52E-07	1.68E-06
927	490236.72	3860985.12	2.02E-03	2.18E-03	3.44E-03	7.00E-07	2.11E-06	1.22E-06	1.32E-06	1.20E-06	5.46E-07	8.62E-07	2.34E-08	5.65E-07	1.25E-07	1.79E-07	2.84E-07	5.01E-08	4.52E-07	1.68E-06
928	490286.72	3860985.12	2.02E-03	2.18E-03	3.45E-03	7.00E-07	2.11E-06	1.22E-06	1.32E-06	1.20E-06	5.46E-07	8.63E-07	2.34E-08	5.65E-07	1.25E-07	1.79E-07	2.84E-07	5.01E-08	4.53E-07	1.68E-06
929	490336.72	3860985.12	2.02E-03	2.18E-03	3.45E-03	7.01E-07	2.12E-06	1.22E-06	1.32E-06	1.20E-06	5.46E-07	8.63E-07	2.34E-08	5.65E-07	1.25E-07	1.79E-07	2.85E-07	5.01E-08	4.53E-07	1.68E-06
930	490386.72	3860985.12	2.02E-03	2.18E-03	3.45E-03	7.01E-07	2.12E-06	1.23E-06	1.32E-06	1.20E-06	5.47E-07	8.64E-07	2.34E-08	5.65E-07	1.25E-07	1.79E-07	2.85E-07	5.02E-08	4.53E-07	1.68E-06
931	490436.72	3860985.12	2.03E-03	2.19E-03	3.45E-03	7.02E-07	2.12E-06	1.23E-06	1.32E-06	1.20E-06	5.47E-07	8.65E-07	2.34E-08	5.66E-07	1.25E-07	1.80E-07	2.85E-07	5.02E-08	4.54E-07	1.68E-06
932	490486.72	3860985.12	2.02E-03	2.18E-03	3.45E-03	7.01E-07	2.12E-06	1.22E-06	1.32E-06	1.20E-06	5.46E-07	8.64E-07	2.34E-08	5.65E-07	1.25E-07	1.79E-07	2.85E-07	5.01E-08	4.53E-07	1.68E-06
933	490536.72	3860985.12	2.02E-03	2.18E-03	3.44E-03	6.99E-07	2.11E-06	1.22E-06	1.32E-06	1.19E-06	5.45E-07	8.62E-07	2.33E-08	5.64E-07	1.24E-07	1.79E-07	2.84E-07	5.00E-08	4.52E-07	1.68E-06
934	490586.72	3860985.12	2.01E-03	2.17E-03	3.43E-03	6.97E-07	2.10E-06	1.22E-06	1.31E-06	1.19E-06	5.44E-07	8.60E-07	2.33E-08	5.62E-07	1.24E-07	1.78E-07	2.83E-07	4.99E-08	4.51E-07	1.67E-06
935	490636.72	3860985.12	2.01E-03	2.17E-03	3.43E-03	6.95E-07	2.10E-06	1.22E-06	1.31E-06	1.19E-06	5.42E-07	8.57E-07	2.32E-08	5.61E-07	1.24E-07	1.78E-07	2.82E-07	4.98E-08	4.50E-07	1.67E-06
936	490686.72	3860985.12	2.00E-03	2.16E-03	3.41E-03	6.92E-07	2.09E-06	1.21E-06	1.31E-06	1.18E-06	5.40E-07	8.54E-07	2.31E-08	5.58E-07	1.23E-07	1.77E-07	2.81E-07	4.95E-08	4.48E-07	1.66E-06
937	490736.72	3860985.12	1.99E-03	2.15E-03	3.40E-03	6.89E-07	2.08E-06	1.20E-06	1.30E-06	1.18E-06	5.37E-07	8.50E-07	2.30E-08	5.56E-07	1.23E-07	1.76E-07	2.80E-07	4.93E-08	4.46E-07	1.65E-06
938	490786.72	3860985.12	1.98E-03	2.14E-03	3.38E-03	6.86E-07	2.07E-06	1.20E-06	1.29E-06	1.17E-06	5.35E-07	8.46E-07	2.29E-08	5.53E-07	1.22E-07	1.76E-07	2.79E-07	4.91E-08	4.44E-07	1.65E-06

939	490836.72	3860985.12	1.97E-03	2.13E-03	3.37E-03	6.83E-07	2.06E-06	1.19E-06	1.29E-06	1.17E-06	5.33E-07	8.43E-07	2.28E-08	5.51E-07	1.22E-07	1.75E-07	2.77E-07	4.89E-08	4.42E-07	1.64E-06
940	490086.72	3861035.12	1.97E-03	2.12E-03	3.35E-03	6.80E-07	2.05E-06	1.19E-06	1.28E-06	1.16E-06	5.31E-07	8.37E-07	2.27E-08	5.49E-07	1.21E-07	1.74E-07	2.76E-07	4.87E-08	4.39E-07	1.63E-06
941	490136.72	3861035.12	1.97E-03	2.12E-03	3.35E-03	6.82E-07	2.06E-06	1.19E-06	1.29E-06	1.17E-06	5.32E-07	8.39E-07	2.28E-08	5.50E-07	1.21E-07	1.75E-07	2.77E-07	4.88E-08	4.40E-07	1.63E-06
942	490186.72	3861035.12	1.97E-03	2.13E-03	3.36E-03	6.83E-07	2.06E-06	1.19E-06	1.29E-06	1.17E-06	5.32E-07	8.41E-07	2.28E-08	5.51E-07	1.22E-07	1.75E-07	2.77E-07	4.89E-08	4.41E-07	1.64E-06
943	490236.72	3861035.12	1.98E-03	2.13E-03	3.37E-03	6.84E-07	2.07E-06	1.20E-06	1.29E-06	1.17E-06	5.33E-07	8.42E-07	2.28E-08	5.52E-07	1.22E-07	1.75E-07	2.78E-07	4.90E-08	4.42E-07	1.64E-06
944	490286.72	3861035.12	1.98E-03	2.13E-03	3.37E-03	6.84E-07	2.07E-06	1.20E-06	1.29E-06	1.17E-06	5.34E-07	8.43E-07	2.29E-08	5.52E-07	1.22E-07	1.75E-07	2.78E-07	4.90E-08	4.42E-07	1.64E-06
945	490336.72	3861035.12	1.98E-03	2.13E-03	3.37E-03	6.85E-07	2.07E-06	1.20E-06	1.29E-06	1.17E-06	5.34E-07	8.43E-07	2.29E-08	5.52E-07	1.22E-07	1.75E-07	2.78E-07	4.90E-08	4.43E-07	1.64E-06
946	490386.72	3861035.12	1.98E-03	2.14E-03	3.38E-03	6.86E-07	2.07E-06	1.20E-06	1.29E-06	1.17E-06	5.35E-07	8.45E-07	2.29E-08	5.53E-07	1.22E-07	1.76E-07	2.79E-07	4.91E-08	4.44E-07	1.65E-06
947	490436.72	3861035.12	1.98E-03	2.14E-03	3.38E-03	6.87E-07	2.07E-06	1.20E-06	1.29E-06	1.17E-06	5.36E-07	8.46E-07	2.29E-08	5.54E-07	1.22E-07	1.76E-07	2.79E-07	4.92E-08	4.44E-07	1.65E-06
948	490486.72	3861035.12	1.98E-03	2.14E-03	3.38E-03	6.86E-07	2.07E-06	1.20E-06	1.29E-06	1.17E-06	5.35E-07	8.46E-07	2.29E-08	5.54E-07	1.22E-07	1.76E-07	2.79E-07	4.91E-08	4.44E-07	1.65E-06
949	490536.72	3861035.12	1.98E-03	2.14E-03	3.38E-03	6.85E-07	2.07E-06	1.20E-06	1.29E-06	1.17E-06	5.35E-07	8.45E-07	2.29E-08	5.53E-07	1.22E-07	1.75E-07	2.78E-07	4.91E-08	4.43E-07	1.64E-06
950	490586.72	3861035.12	1.98E-03	2.13E-03	3.37E-03	6.84E-07	2.06E-06	1.20E-06	1.29E-06	1.17E-06	5.33E-07	8.43E-07	2.28E-08	5.52E-07	1.22E-07	1.75E-07	2.78E-07	4.89E-08	4.42E-07	1.64E-06
951	490636.72	3861035.12	1.97E-03	2.12E-03	3.36E-03	6.82E-07	2.06E-06	1.19E-06	1.29E-06	1.17E-06	5.32E-07	8.41E-07	2.28E-08	5.50E-07	1.21E-07	1.75E-07	2.77E-07	4.88E-08	4.41E-07	1.64E-06
952	490686.72	3861035.12	1.96E-03	2.12E-03	3.35E-03	6.79E-07	2.05E-06	1.19E-06	1.28E-06	1.16E-06	5.30E-07	8.38E-07	2.27E-08	5.48E-07	1.21E-07	1.74E-07	2.76E-07	4.86E-08	4.40E-07	1.63E-06
953	490736.72	3861035.12	1.96E-03	2.11E-03	3.34E-03	6.77E-07	2.04E-06	1.18E-06	1.28E-06	1.16E-06	5.28E-07	8.35E-07	2.26E-08	5.46E-07	1.20E-07	1.73E-07	2.75E-07	4.84E-08	4.38E-07	1.62E-06
954	490786.72	3861035.12	1.95E-03	2.10E-03	3.32E-03	6.74E-07	2.04E-06	1.18E-06	1.27E-06	1.15E-06	5.26E-07	8.32E-07	2.25E-08	5.44E-07	1.20E-07	1.73E-07	2.74E-07	4.83E-08	4.37E-07	1.62E-06
955	490836.72	3861035.12	1.94E-03	2.09E-03	3.31E-03	6.72E-07	2.03E-06	1.17E-06	1.27E-06	1.15E-06	5.24E-07	8.29E-07	2.24E-08	5.42E-07	1.20E-07	1.72E-07	2.73E-07	4.81E-08	4.35E-07	1.61E-06
956	490086.72	3861085.12	1.92E-03	2.07E-03	3.27E-03	6.64E-07	2.01E-06	1.16E-06	1.25E-06	1.14E-06	5.18E-07	8.17E-07	2.22E-08	5.36E-07	1.18E-07	1.70E-07	2.70E-07	4.75E-08	4.29E-07	1.59E-06
957	490136.72	3861085.12	1.93E-03	2.08E-03	3.28E-03	6.66E-07	2.01E-06	1.16E-06	1.26E-06	1.14E-06	5.20E-07	8.20E-07	2.23E-08	5.38E-07	1.19E-07	1.71E-07	2.71E-07	4.77E-08	4.30E-07	1.60E-06
958	490186.72	3861085.12	1.93E-03	2.08E-03	3.29E-03	6.69E-07	2.02E-06	1.17E-06	1.26E-06	1.14E-06	5.21E-07	8.23E-07	2.23E-08	5.39E-07	1.19E-07	1.71E-07	2.71E-07	4.78E-08	4.32E-07	1.60E-06
959	490236.72	3861085.12	1.93E-03	2.08E-03	3.29E-03	6.69E-07	2.02E-06	1.17E-06	1.26E-06	1.14E-06	5.22E-07	8.24E-07	2.23E-08	5.40E-07	1.19E-07	1.71E-07	2.72E-07	4.79E-08	4.32E-07	1.60E-06
960	490286.72	3861085.12	1.93E-03	2.09E-03	3.29E-03	6.70E-07	2.02E-06	1.17E-06	1.26E-06	1.14E-06	5.22E-07	8.25E-07	2.24E-08	5.40E-07	1.19E-07	1.71E-07	2.72E-07	4.79E-08	4.33E-07	1.61E-06
961	490336.72	3861085.12	1.94E-03	2.09E-03	3.30E-03	6.70E-07	2.02E-06	1.17E-06	1.26E-06	1.14E-06	5.22E-07	8.25E-07	2.24E-08	5.40E-07	1.19E-07	1.71E-07	2.72E-07	4.79E-08	4.33E-07	1.61E-06
962	490386.72	3861085.12	1.94E-03	2.09E-03	3.30E-03	6.71E-07	2.03E-06	1.17E-06	1.27E-06	1.15E-06	5.23E-07	8.27E-07	2.24E-08	5.41E-07	1.19E-07	1.72E-07	2.73E-07	4.80E-08	4.34E-07	1.61E-06
963	490436.72	3861085.12	1.94E-03	2.09E-03	3.31E-03	6.72E-07	2.03E-06	1.17E-06	1.27E-06	1.15E-06	5.24E-07	8.28E-07	2.24E-08	5.42E-07	1.20E-07	1.72E-07	2.73E-07	4.81E-08	4.34E-07	1.61E-06
964	490486.72	3861085.12	1.94E-03	2.09E-03	3.31E-03	6.72E-07	2.03E-06	1.17E-06	1.27E-06	1.15E-06	5.24E-07	8.28E-07	2.24E-08	5.42E-07	1.20E-07	1.72E-07	2.73E-07	4.81E-08	4.34E-07	1.61E-06
965	490536.72	3861085.12	1.94E-03	2.09E-03	3.31E-03	6.72E-07	2.03E-06	1.17E-06	1.27E-06	1.15E-06	5.24E-07	8.28E-07	2.24E-08	5.42E-07	1.20E-07	1.72E-07	2.73E-07	4.81E-08	4.35E-07	1.61E-06
966	490586.72	3861085.12	1.94E-03	2.09E-03	3.30E-03	6.71E-07	2.02E-06	1.17E-06	1.26E-06	1.15E-06	5.23E-07	8.27E-07	2.24E-08	5.41E-07	1.19E-07	1.72E-07	2.72E-07	4.80E-08	4.34E-07	1.61E-06
967	490636.72	3861085.12	1.93E-03	2.08E-03	3.29E-03	6.69E-07	2.02E-06	1.17E-06	1.26E-06	1.14E-06	5.21E-07	8.24E-07	2.23E-08	5.39E-07	1.19E-07	1.71E-07	2.72E-07	4.79E-08	4.33E-07	1.60E-06
968	490686.72	3861085.12	1.93E-03	2.08E-03	3.29E-03	6.67E-07	2.01E-06	1.17E-06	1.26E-06	1.14E-06	5.20E-07	8.22E-07	2.23E-08	5.38E-07	1.19E-07	1.71E-07	2.71E-07	4.77E-08	4.32E-07	1.60E-06
969	490736.72	3861085.12	1.92E-03	2.07E-03	3.28E-03	6.65E-07	2.01E-06	1.16E-06	1.25E-06	1.14E-06	5.18E-07	8.20E-07	2.22E-08	5.36E-07	1.18E-07	1.70E-07	2.70E-07	4.76E-08	4.30E-07	1.59E-06
970	490786.72	3861085.12	1.91E-03	2.07E-03	3.27E-03	6.63E-07	2.00E-06	1.16E-06	1.25E-06	1.13E-06	5.17E-07	8.17E-07	2.21E-08	5.34E-07	1.18E-07	1.70E-07	2.69E-07	4.74E-08	4.29E-07	1.59E-06
971	490836.72	3861085.12	1.91E-03	2.06E-03	3.25E-03	6.60E-07	1.99E-06	1.15E-06	1.24E-06	1.13E-06	5.15E-07	8.14E-07	2.20E-08	5.32E-07	1.17E-07	1.69E-07	2.68E-07	4.73E-08	4.27E-07	1.58E-06
972	490086.72	3861135.12	1.87E-03	2.02E-03	3.19E-03	6.49E-07	1.96E-06	1.13E-06	1.22E-06	1.11E-06	5.06E-07	7.98E-07	2.17E-08	5.23E-07	1.15E-07	1.66E-07	2.63E-07	4.64E-08	4.19E-07	1.55E-06
973	490136.72	3861135.12	1.88E-03	2.03E-03	3.20E-03	6.51E-07	1.96E-06	1.14E-06	1.23E-06	1.11E-06	5.07E-07	8.01E-07	2.17E-08	5.25E-07	1.16E-07	1.67E-07	2.64E-07	4.66E-08	4.20E-07	1.56E-06
974	490186.72	3861135.12	1.89E-03	2.03E-03	3.21E-03	6.53E-07	1.97E-06	1.14E-06	1.23E-06	1.12E-06	5.09E-07	8.03E-07	2.18E-08	5.26E-07	1.16E-07	1.67E-07	2.65E-07	4.67E-08	4.22E-07	1.56E-06
975	490236.72	3861135.12	1.89E-03	2.04E-03	3.22E-03	6.54E-07	1.97E-06	1.14E-06	1.23E-06	1.12E-06	5.10E-07	8.05E-07	2.18E-08	5.28E-07	1.16E-07	1.67E-07	2.66E-07	4.68E-08	4.23E-07	1.57E-06
976	490286.72	3861135.12	1.89E-03	2.04E-03	3.22E-03	6.55E-07	1.98E-06	1.15E-06	1.24E-06	1.12E-06	5.11E-07	8.07E-07	2.19E-08	5.28E-07	1.17E-07	1.68E-07	2.66E-07	4.69E-08	4.23E-07	1.57E-06
977	490336.72	3861135.12	1.89E-03	2.04E-03	3.23E-03	6.56E-07	1.98E-06	1.15E-06	1.24E-06	1.12E-06	5.11E-07	8.08E-07	2.19E-08	5.29E-07	1.17E-07	1.68E-07	2.66E-07	4.69E-08	4.24E-07	1.57E-06
978	490386.72	3861135.12	1.90E-03	2.05E-03	3.23E-03	6.57E-07	1.98E-06	1.15E-06	1.24E-06	1.12E-06	5.12E-07	8.09E-07	2.19E-08	5.30E-07	1.17E-07	1.68E-07	2.67E-07	4.70E-08	4.25E-07	1.57E-06
979	490436.72	3861135.12	1.90E-03	2.05E-03	3.23E-03	6.57E-07	1.98E-06	1.15E-06	1.24E-06	1.12E-06	5.12E-07	8.10E-07	2.19E-08	5.30E-07	1.17E-07	1.68E-07	2.67E-07	4.70E-08	4.25E-07	1.58E-06
980	490486.72	3861135.12	1.90E-03	2.05E-03	3.24E-03	6.58E-07	1.99E-06	1.15E-06	1.24E-06	1.12E-06	5.13E-07	8.10E-07	2.20E-08	5.30E-07	1.17E-07	1.68E-07	2.67E-07	4.71E-08	4.25E-07	1.58E-06
981	490536.72	3861135.12	1.90E-03	2.05E-03	3.24E-03	6.58E-07	1.99E-06	1.15E-06	1.24E-06	1.12E-06	5.13E-07	8.11E-07	2.20E-08	5.30E-07	1.17E-07	1.68E-07	2.67E-07	4.71E-08	4.25E-07	1.58E-06
982	490586.72	3861135.12	1.90E-03	2.05E-03	3.24E-03	6.57E-07	1.98E-06	1.15E-06	1.24E-06	1.12E-06	5.12E-07	8.10E-07	2.19E-08	5.30E-07	1.17E-07	1.68E-07	2.67E-07	4.70E-08	4.25E-07	1.58E-06
983	490636.72	3861135.12	1.89E-03	2.04E-03	3.23E-03	6.56E-07	1.98E-06	1.15E-06	1.24E-06	1.12E-06	5.11E-07	8.08E-07	2.19E-08	5.29E-07	1.17E-07	1.68E-07	2.66E-07	4.69E-08	4.24E-07	1.57E-06
984	490686.72	3861135.12	1.89E-03	2.04E-03	3.22E-03	6.54E-07	1.98E-06	1.14E-06	1.23E-06	1.12E-06	5.10E-07	8.07E-07	2.19E-08	5.28E-07	1.16E-07	1.68E-07	2.66E-07	4.68E-08	4.24E-07	1.57E-06
985	490736.72	3861135.12	1.89E-03	2.04E-03	3.22E-03	6.53E-07	1.97E-06	1.14E-06	1.23E-06	1.12E-06	5.09E-07	8.05E-07	2.18E-08	5.27E-07	1.16E-07	1.67E-07	2.65E-07	4.67E-08	4.23E-07	1.57E-06
986	490786.72	3861135.12	1.88E-03	2.03E-03	3.21E-03	6.51E-07	1.97E-06	1.14E-06	1.23E-06	1.11E-06	5.08E-07	8.03E-07	2.17E-08	5.25E-07	1.16E-07	1.67E-07	2.65E-07	4.66E-08	4.22E-07	1.56E-06
987	490836.72	3861135.12	1.87E-03	2.02E-03	3.20E-03	6.49E-07	1.96E-06	1.13E-06	1.22E-06	1.11E-06	5.06E-07	8.01E-07	2.17E-08	5.23E-07	1.16E-07	1.66E-07	2.64E-07	4.65E-08	4.20E-07	1.56E-06
988	490086.72	3861185.12	1.83E-03	1.97E-03	3.11E-03	6.34E-07	1.91E-06	1.11E-06	1.19E-06	1.08E-06	4.94E-07	7.79E-07	2.12E-08	5.11E-07	1.13E-07	1.62E-07	2.57E-07	4.53E-08	4.09E-07	1.52E-06
989	490136.72	3861185.12	1.83E-03	1.98E-03	3.12E-03	6.35E-07	1.92E-06	1.11E-06	1.20E-06	1.08E-06	4.95E-07	7.81E-07	2.12E-08	5.12E-07	1.13E-07	1.62E-07	2.58E-07	4.54E-08	4.10E-07	1.52E-06
990	490186.72	3861185.12	1.84E-03	1.98E-03	3.13E-03	6.36E-07	1.92E-06	1.11E-06	1.20E-06	1.09E-06	4.96E-07	7.83E-07	2.12E-08	5.13E-07	1.13E-07	1.63E-07	2.58E-07	4.55E-08	4.11E-07	1.53E-06
991	490236.72	3861185.12	1.84E-03	1.99E-03	3.14E-03	6.38E-07	1.93E-06	1.12E-06	1.20E-06	1.09E-06	4.98E-07	7.86E-07	2.13E-08	5.15E-07	1.14E-07	1.63E-07	2.59E-07	4.57E-08	4.12E-07	1.53E-06
992	490286.72	3861185.12	1.85E-03	1.99E-03	3.15E-03	6.40E-07	1.93E-06	1.12E-06	1.21E-06	1.09E-06	4.99E-07	7.88E-07	2.14E-08	5.16E-07	1.14E-07	1.64E-07	2.60E-07	4.58E-08	4.14E-07	1.54E-06
993	490336.72	3861185.12	1.85E-03	1.99E-03	3.15E-03	6.40E-07	1.93E-06	1.12E-06	1.21E-06	1.09E-06	4.99E-07	7.88E-07	2.14E-08	5.16E-07	1.14E-07	1.64E-07	2.60E-07	4.58E-08	4.14E-07	1.54E-06
994	490386.72	3861185.12	1.85E-03	2.00E-03	3.16E-03	6.41E-07	1.94E-06	1.12E-06	1.21E-06	1.10E-06	5.00E-07	7.90E-07	2.14E-08	5.17E-07	1.14E-07	1.64E-07	2.60E-07	4.59E-08	4.15E-07	1.54E-06
995	490436.72	3861185.12	1.86E-03	2.00E-03	3.16E-03	6.43E-07	1.94E-06	1.12E-06	1.21E-06	1.10E-06	5.01E-07	7.92E-07	2.15E-08	5.18E-07	1.14E-07	1.65E-07	2.61E-07	4.60E-08	4.16E-07	1.54E-06
996	490486.72	3861185.12	1.86E-03	2.00E-03	3.17E-03	6.43E-07	1.94E-06	1.12E-06	1.21E-06	1.10E-06	5.02E-07	7.93E-07	2.15E-08	5.19E-07	1.14E-07	1.65E-07	2.61E-07	4.60E-08	4.16E-07	1.54E-06
997	490536.72	3861185.12	1.86E-03	2.01E-03	3.18E-03	6.45E-07	1.95E-06	1.13E-06	1.22E-06	1.10E-06	5.03E-07	7.95E-07	2.15E-08	5.20E-07	1.15E-07	1.65E-07	2.62E-07	4.61E-08	4.17E-07	1.55E-06
998	490586.72	3861185.12	1.86E-03	2.01E-03	3.17E-03	6.44E-07	1.95E-06	1.13E-06	1.21E-06	1.10E-06	5.02E-07	7.94E-07	2.15E-08	5.20E-07	1.15E-07	1.65E-07	2.62E-07	4.61E-08	4.17E-07	1.55E-06
999	490636.72	3861185.12	1.86E-03	2.00E-03	3.17E-03	6.43E-07	1.94E-06	1.12E-06	1.21E-06	1.10E-06	5.01E-07	7.92E-07	2.15E-08	5.18E-07	1.14E-07	1.64E-07	2.61E-07	4.60E-08	4.16E-07	1.54E-06
1000	490686.72	3861185.12	1.85E-03	2.00E-03	3.16E-03	6.42E-07	1.94E-06	1.12E-06	1.21E-06	1.10E-06	5.00E-07	7.91E-07	2.14E-08	5.18E-07	1.14E-07	1.64E-07	2.61E-07	4.59E-08	4.15E-07	1.54E-06
1001	490736.72	3861185.12	1.85E-03	2.00E-03	3.16E-03	6.41E-07	1.94E-06	1.12E-06	1.21E-06	1.10E-06	5.00E-07	7.91E-07	2.14E-08	5.17E-07	1.14E-07	1.64E-07	2.60E-07	4.59E-08	4.15E-07	1.54E-06
1002	490786.72	3861185.12	1.85E-03	1.99E-03	3.15E-03	6.40E-07	1.93E-06	1.12E-06	1.21E-06	1.09E-06	4.99E-07	7.90E-07	2.14E-08	5.16E-07	1.14E-07	1.64E-07	2.60E-07	4.58E-08	4.14E-07	1.54E-06
1003	490836.72	3861185.12	1.84E-03	1.99E-03	3.15E-03	6.38E-07	1.93E-06	1.12E-06	1.20E-06	1.09E-06	4.98E-07	7.87E-07	2.13E-08	5.15E-07	1.14E-07	1.63E-07	2.59E-07	4.57E-08	4.13E-07	1.53E-06
1004	490086.72	3861235.12	1.79E-03	1.93E-03	3.04E-03	6.19E-07	1.87E-06	1.08E-06	1.17E-06	1.06E-06	4.83E-07	7.61E-07	2.07E-08	4.99E-07	1.10E-07	1.58E-07	2.51E-07	4.43E-08	4.00E-07	1.48E-06
1005	490136.72	3861235.12	1.79E-03	1.93E-03	3.05E-03	6.20E-07	1.87E-06	1.08E-06	1.17E-06	1.06E-06	4.83E-07	7.63E-07	2.07E-08	5.00E-07	1.10E-07	1.59E-07	2.52E-07	4.44E-08	4.00E-07	1.49E-06
1006	490186.72	3861235.12	1.80E-03	1.94E-03	3.06E-03	6.22E-07	1.88E-06	1.09E-06	1.17E-06	1.06E-06	4.85E-07	7.65E-07	2.08E-08	5.02E-07	1.11E-07	1.59E-07	2.52E-07	4.45E-08	4.02E-07	1.49E-06
1007	490236.72	3861235.12	1.80E-03	1.94E-03	3.06E-03	6.23E-07	1.88E-06	1.09E-06	1.17E-06	1.06E-06	4.86E-07	7.67E-07	2.08E-08	5.02E-07	1.11E-07	1.59E-07	2.53E-07	4.46E-08	4.02E-07	1.49E-06
1008	490386.72	3861235.12	1.81E-03	1.95E-03	3.08E-03	6.26E-07	1.89E-06	1.09E-06	1.18E-06	1.07E-06	4.88E-07	7.71E-07	2.09E-08	5.05E-07	1.11E-07	1.60E-07	2.54E-07	4.48E-08	4.05E-07	1.50E-06
1009	490436.72	3861235.12	1.81E-03	1.95E-03	3.09E-03	6.27E-07	1.89E-06	1.10E-06	1.18E-06	1.07E-06	4.89E-07	7.73E-07	2.09E-08	5.06E-07	1.12E-07	1.61E-07	2.55E-07	4.49E-08	4.05E-07	1.50E-06
1010	490486.72	3861235.12	1.81E-03	1.96E-03	3.09E-03	6.28E-07	1.90E-06	1.10E-06	1.18E-06	1.07E-06	4.90E-07	7.74E-07	2.10E-08	5.07E-07	1.12E-07	1.61E-07	2.55E-07	4.49E-08	4.06E-07	1.51E-06
1011	490536.72	3861235.12	1.82E-03	1.96E-03	3.11E-03	6.31E-07	1.90E-06	1.10E-06	1.19E-06	1.08E-06	4.92E-07	7.77E-07	2.11E-08	5.09E-07	1.12E-07	1.61E-07	2.56E-07	4.51E-08	4.08E-07	1.51E-06
1012	490586.72	3861235.12	1.83E-03	1.97E-03	3.11E-03	6.32E-07	1.91E-06	1.10E-06	1.19E-06	1.08E-06	4.93E-07	7.79E-07	2.11E-08	5.10E-07	1.12E-07	1.62E-07	2.57E-07	4.52E-08	4.09E-07	1.52E-06
1013	490636.72	3861235.12	1.82E-03	1.96E-03	3.10E-03	6.30E-07	1.90E-06	1.10E-06	1.19E-06	1.08E-06	4.91E-07	7.76E-07	2.10E-08	5.08E-07	1.12E-07	1.61E-07	2.56E-07	4.51E-08	4.07E-07	1.51E-06
1014	490686.72	3861235.12	1.82E-03	1.96E-03	3.10E-03	6.29E-07	1.90E-06	1.10E-06	1.19E-06	1.08E-06	4.91E-07	7.76E-07	2.10E-08	5.08E-07	1.12E-07	1.61E-07	2.56E-07	4.50E-08	4.07E-07	1.51E-06
1015	490736.72	3861235.12	1.82E-03	1.96E-03	3.10E-03	6.29E-07	1.90E-06	1.10E-06	1.19E-06	1.08E-06	4.91E-07	7.76E-07	2.10E-08	5.07E-07	1.12E-07	1.61E-07	2.56E-07	4.50E-08	4.07E-07	1.51E-06
1016	490786.72	3861235.12	1.82E-03	1.96E-03	3.10E-03	6.29E-07	1.90E-06	1.10E-06	1.19E-06	1.07E-06	4.90E-07	7.76E-07	2.10E-08	5.07E-07	1.12E-07	1.61E-07	2.55E-07	4.50E-08	4.07E-07	1.51E-06
1017	490836.72	3861235.12	1.81E-03	1.96E-03	3.09E-03	6.27E-07	1.89E-06	1.10E-06	1.18E-06	1.07E-06	4.89E-07	7.74E-07	2.10E-08	5.06E-07	1.12E-07	1.61E-07	2.55E-07	4.49E-08	4.06E-07	1.51E-06
1018	490086.72	3861285.12	1.75E-03	1.89E-03	2.98E-03	6.06E-07	1.83E-06	1.06E-06	1.14E-06	1.03E-06	4.72E-07	7.45E-07	2.02E-08	4.88E-07	1.08E-07	1.55E-07	2.46E-07	4.33E-08	3.91E-07	1.45E-06
1019	490136.72	3861285.12	1.76E-03	1.89E-03	2.99E-03	6.08E-07	1.84E-06	1.06E-06	1.15E-06	1.04E-06	4.74E-07	7.48E-07	2.03E-08	4.90E-07	1.08E-07	1.56E-07	2.47E-07	4.35E-08	3.92E-07	1.46E-06
1020	490186.72	3861285.12	1.76E-03	1.89E-03	2.99E-03	6.08E-07	1.84E-06	1.06E-06	1.15E-06	1.04E-06	4.74E-07	7.48E-07	2.03E-08	4.91E-07	1.08E-07	1.56E-07	2.47E-07	4.35E-08	3.93E-07	1.46E-06
1021	490236.72	3861285.12	1.76E-03	1.90E-03	3.00E-03	6.09E-07	1.84E-06	1.06E-06	1.15E-06	1.04E-06	4.75E-07	7.50E-07	2.03E-08	4.91E-07	1.08E-07	1.56E-07	2.47E-07	4.36E-08	3.93E-07	1.46E-06
1022	490386.72	3861285.12	1.77E-03	1.91E-03	3.01E-03	6.13E-07	1.85E-06	1.07E-06	1.16E-06	1.05E-06	4.78E-07	7.55E-07	2.05E-08	4.94E-07	1.09E-07	1.57E-07	2.49E-07	4.38E-08	3.96E-07	1.47E-06
1023	490436.72	3861285.12	1.77E-03	1.91E-03	3.02E-03	6.14E-07	1.85E-06	1.07E-06	1.16E-06	1.05E-06	4.79E-07	7.56E-07	2.05E-08	4.95E-07	1.09E-07	1.57E-07	2.49E-07	4.39E-08	3.97E-07	1.47E-06
1024	490486.72	3861285.12	1.78E-03	1.92E-03	3.03E-03	6.15E-07	1.86E-06	1.07E-06	1.16E-06	1.05E-06	4.79E-07	7.57E-07	2.05E-08	4.96E-07	1.09E-07	1.57E-07	2.50E-07	4.40E-08	3.97E-07	1.47E-06
1025	490536.72	3861285.12	1.78E-03	1.92E-03	3.03E-03	6.16E-07	1.86E-06	1.08E-06	1.16E-06	1.05E-06	4.80E-07	7.59E-07	2.06E-08	4.97E-07	1.10E-07	1.58E-07	2.50E-07	4.41E-08	3.98E-07	1.48E-06
1026	490586.72	3861285.12	1.78E-03	1.92E-03	3.04E-03	6.17E-07	1.86E-06	1.08E-06	1.16E-06	1.05E-06	4.81E-07	7.60E-07	2.06E-08	4.98E-07	1.10E-07	1.58E-07	2.51E-07	4.42E-08	3.99E-07	1.48E-06
1027	490636.72	3861285.12	1.78E-03	1.92E-03	3.04E-03	6.16E-07	1.86E-06	1.08E-06	1.16E-06	1.05E-06	4.81E-07	7.60E-07	2.06E-08	4.97E-07	1.10E-07	1.58E-07	2.50E-07	4.41E-08	3.99E-07	1.48E-06
1028	490686.72	3861285.12	1.78E-03	1.92E-03	3.04E-03	6.16E-07	1.86E-06	1.08E-06	1.16E-06	1.05E-06	4.81E-07	7.60E-07	2.06E-08	4.97E-07	1.10E-07	1.58E-07	2.50E-07	4.41E-08	3.99E-07	1.48E-06
1029	490736.72	3861285.12	1.78E-03	1.92E-03	3.04E-03	6.17E-07	1.86E-06	1.08E-06	1.16E-06	1.06E-06	4.82E-07	7.61E-07	2.06E-08	4.98E-07	1.10E-07	1.58E-07	2.51E-07	4.42E-08	4.00E-07	1.48E-06
1030	490786.72	3861285.12	1.78E-03	1.92E-03	3.04E-03	6.17E-07	1.86E-06	1.08E-06	1.16E-06	1.05E-06	4.81E-07	7.61E-07	2.06E-08	4.98E-07	1.10E-07	1.58E-07	2.51E-07	4.42E-08	3.99E-07	1.48E-06
1031	490836.72	3861285.12	1.78E-03	1.92E-03	3.03E-03	6.15E-07	1.86E-06	1.08E-06	1.16E-06	1.05E-06	4.80E-07	7.59E-07	2.06E-08	4.96E-07	1.10E-07	1.58E-07	2.50E-07	4.41E-08	3.98E-07	1.48E-06
1032	490061.24	3859716.13	3.88E-03	4.18E-03	6.57E-03	1.34E-06	4.05E-06	2.35E-06	2.53E-06	2.29E-06	1.05E-06	1.64E-06	4.48E-08	1.08E-06	2.39E-07	3.44E-07	5.45E-07	9.60E-08	8.63E-07	3.21E-06
1033	490111.24	3859716.13	3.89E-03	4.19E-03	6.59E-03	1.35E-06	4.06E-06	2.35E-06	2.54E-06	2.30E-06	1.05E-06	1.65E-06	4.50E-08	1.09E-06	2.40E-07	3.44E-07	5.46E-07	9.63E-08	8.65E-07	3.22E-06
1034	490161.24	3859716.13	3.90E-03	4.20E-03	6.60E-03	1.35E-06	4.08E-06	2.36E-06	2.54E-06	2.30E-06	1.05E-06	1.65E-06	4.51E-08	1.09E-06	2.40E-07	3.45E-07	5.48E-07	9.65E-08	8.67E-07	3.23E-06
1035	490211.24	3859716.13	3.91E-03	4.21E-03	6.62E-03	1.35E-06	4.08E-06	2.36E-06	2.55E-06	2.31E-06	1.05E-06	1.66E-06	4.52E-08	1.09E-06	2.41E-07	3.46E-07	5.49E-07	9.67E-08	8.69E-07	3.24E-06
1036	490061.24	3859766.13	3.73E-03	4.02E-03	6.32E-03	1.29E-06	3.89E-06	2.25E-06	2.43E-06	2.20E-06	1.01E-06	1.58E-06	4.31E-08	1.04E-06	2.30E-07	3.30E-07	5.23E-07	9.23E-08	8.30E-07	3.09E-06
1037	490111.24	3859766.13	3.73E-03	4.02E-03	6.32E-03	1.29E-06	3.90E-06	2.26E-06	2.43E-06	2.20E-06	1.01E-06	1.58E-06	4.31E-08	1.04E-06	2.30E-07	3.30E-07	5.24E-07	9.23E-08	8.30E-07	3.09E-06
1038	490161.24	3859766.13	3.73E-03	4.02E-03	6.33E-03	1.29E-06	3.90E-06	2.26E-06	2.43E-06	2.21E-06	1.01E-06	1.58E-06	4.31E-08	1.04E-06	2.30E-07	3.31E-07	5.24E-07	9.24E-08	8.31E-07	3.09E-06
1039	490211.24	3859766.13	3.74E-03	4.03E-03	6.34E-03	1.29E-06	3.91E-06	2.26E-06	2.44E-06	2.21E-06	1.01E-06	1.59E-06	4.32E-08	1.04E-06	2.30E-07	3.31E-07	5.26E-07	9.26E-08	8.33E-07	3.10E-06
1040	490061.24	3859816.13	3.59E-03	3.87E-03	6.09E-03	1.24E-06	3.75E-06	2.17E-06	2.34E-06	2.12E-06	9.68E-07	1.52E-06	4.15E-08	1.00E-06	2.21E-07	3.18E-07	5.04E-07	8.89E-08	8.00E-07	2.98E-06
1041	490111.24	3859816.13	3.58E-03	3.86E-03	6.08E-03	1.24E-06	3.75E-06	2.17E-06	2.34E-06	2.12E-06	9.67E-07	1.52E-06	4.14E-08	1.00E-06	2.21E-07	3.18E-07	5.04E-07	8.88E-08	7.99E-07	2.97E-06
1042	490161.24	3859816.13	3.59E-03	3.87E-03	6.08E-03	1.24E-06	3.75E-06	2.17E-06	2.34E-06	2.12E-06	9.67E-07	1.52E-06	4.14E-08	1.00E-06	2.21E-07	3.18E-07	5.04E-07	8.88E-08	7.99E-07	2.97E-06
1043	490211.24	3859816.13	3.59E-03	3.87E-03	6.09E-03	1.24E-06	3.75E-06	2.17E-06	2.34E-06	2.12E-06	9.68E-07	1.52E-06	4.15E-08	1.00E-06	2.21E-07	3.18E-07	5.04E-07	8.89E-08	8.00E-07	2.98E-06

1044	490061.24	3859866.13	3.47E-03	3.74E-03	5.89E-03	1.20E-06	3.62E-06	2.10E-06	2.26E-06	2.05E-06	9.36E-07	1.47E-06	4.01E-08	9.68E-07	2.14E-07	3.07E-07	4.87E-07	8.59E-08	7.73E-07	2.88E-06
1045	490111.24	3859866.13	3.46E-03	3.73E-03	5.87E-03	1.20E-06	3.62E-06	2.09E-06	2.26E-06	2.05E-06	9.34E-07	1.47E-06	4.00E-08	9.66E-07	2.13E-07	3.06E-07	4.86E-07	8.57E-08	7.71E-07	2.87E-06
1046	490161.24	3859866.13	3.46E-03	3.73E-03	5.87E-03	1.20E-06	3.61E-06	2.09E-06	2.25E-06	2.04E-06	9.33E-07	1.47E-06	3.99E-08	9.65E-07	2.13E-07	3.06E-07	4.86E-07	8.56E-08	7.71E-07	2.87E-06
1047	490211.24	3859866.13	3.46E-03	3.73E-03	5.87E-03	1.20E-06	3.61E-06	2.09E-06	2.25E-06	2.04E-06	9.32E-07	1.47E-06	3.99E-08	9.65E-07	2.13E-07	3.06E-07	4.86E-07	8.56E-08	7.70E-07	2.87E-06
1048	490061.24	3859916.13	3.36E-03	3.62E-03	5.71E-03	1.16E-06	3.51E-06	2.03E-06	2.19E-06	1.99E-06	9.07E-07	1.43E-06	3.88E-08	9.38E-07	2.07E-07	2.98E-07	4.72E-07	8.32E-08	7.49E-07	2.79E-06
1049	490111.24	3859916.13	3.35E-03	3.61E-03	5.69E-03	1.16E-06	3.50E-06	2.03E-06	2.18E-06	1.98E-06	9.04E-07	1.42E-06	3.87E-08	9.35E-07	2.06E-07	2.97E-07	4.71E-07	8.29E-08	7.47E-07	2.78E-06
1050	490161.24	3859916.13	3.34E-03	3.60E-03	5.67E-03	1.16E-06	3.49E-06	2.02E-06	2.18E-06	1.98E-06	9.01E-07	1.42E-06	3.86E-08	9.33E-07	2.06E-07	2.96E-07	4.69E-07	8.27E-08	7.45E-07	2.77E-06
1051	490211.24	3859916.13	3.33E-03	3.60E-03	5.66E-03	1.15E-06	3.49E-06	2.02E-06	2.18E-06	1.97E-06	9.00E-07	1.42E-06	3.85E-08	9.31E-07	2.05E-07	2.95E-07	4.69E-07	8.26E-08	7.44E-07	2.77E-06
1052	490229.25	3859815.26	3.60E-03	3.88E-03	6.10E-03	1.24E-06	3.76E-06	2.18E-06	2.35E-06	2.13E-06	9.70E-07	1.53E-06	4.16E-08	1.00E-06	2.22E-07	3.18E-07	5.05E-07	8.90E-08	8.01E-07	2.98E-06
1053	490279.25	3859815.26	3.60E-03	3.88E-03	6.11E-03	1.25E-06	3.76E-06	2.18E-06	2.35E-06	2.13E-06	9.72E-07	1.53E-06	4.16E-08	1.01E-06	2.22E-07	3.19E-07	5.06E-07	8.92E-08	8.02E-07	2.99E-06
1054	490329.25	3859815.26	3.61E-03	3.89E-03	6.12E-03	1.25E-06	3.77E-06	2.18E-06	2.35E-06	2.13E-06	9.74E-07	1.53E-06	4.17E-08	1.01E-06	2.22E-07	3.20E-07	5.07E-07	8.94E-08	8.04E-07	2.99E-06
1055	490379.25	3859815.26	3.62E-03	3.91E-03	6.14E-03	1.25E-06	3.79E-06	2.19E-06	2.36E-06	2.14E-06	9.78E-07	1.54E-06	4.19E-08	1.01E-06	2.23E-07	3.21E-07	5.09E-07	8.97E-08	8.07E-07	3.00E-06
1056	490429.25	3859815.26	3.64E-03	3.93E-03	6.18E-03	1.26E-06	3.81E-06	2.20E-06	2.38E-06	2.15E-06	9.83E-07	1.55E-06	4.21E-08	1.02E-06	2.24E-07	3.23E-07	5.12E-07	9.02E-08	8.11E-07	3.02E-06
1057	490229.25	3859865.26	3.46E-03	3.73E-03	5.87E-03	1.20E-06	3.61E-06	2.09E-06	2.26E-06	2.05E-06	9.33E-07	1.47E-06	4.00E-08	9.66E-07	2.13E-07	3.06E-07	4.86E-07	8.56E-08	7.71E-07	2.87E-06
1058	490279.25	3859865.26	3.46E-03	3.73E-03	5.87E-03	1.20E-06	3.62E-06	2.09E-06	2.26E-06	2.05E-06	9.34E-07	1.47E-06	4.00E-08	9.66E-07	2.13E-07	3.07E-07	4.86E-07	8.57E-08	7.72E-07	2.87E-06
1059	490329.25	3859865.26	3.47E-03	3.74E-03	5.88E-03	1.20E-06	3.62E-06	2.10E-06	2.26E-06	2.05E-06	9.35E-07	1.47E-06	4.01E-08	9.68E-07	2.14E-07	3.07E-07	4.87E-07	8.58E-08	7.72E-07	2.87E-06
1060	490379.25	3859865.26	3.47E-03	3.75E-03	5.90E-03	1.20E-06	3.63E-06	2.10E-06	2.27E-06	2.05E-06	9.38E-07	1.48E-06	4.02E-08	9.70E-07	2.14E-07	3.08E-07	4.88E-07	8.60E-08	7.74E-07	2.88E-06
1061	490429.25	3859865.26	3.49E-03	3.76E-03	5.92E-03	1.21E-06	3.64E-06	2.11E-06	2.27E-06	2.06E-06	9.41E-07	1.48E-06	4.03E-08	9.74E-07	2.15E-07	3.09E-07	4.90E-07	8.63E-08	7.77E-07	2.89E-06
1062	490229.25	3859915.26	3.34E-03	3.60E-03	5.67E-03	1.15E-06	3.49E-06	2.02E-06	2.18E-06	1.97E-06	9.00E-07	1.42E-06	3.86E-08	9.31E-07	2.06E-07	2.95E-07	4.69E-07	8.26E-08	7.44E-07	2.77E-06
1063	490279.25	3859915.26	3.33E-03	3.59E-03	5.66E-03	1.15E-06	3.48E-06	2.02E-06	2.17E-06	1.97E-06	8.99E-07	1.42E-06	3.85E-08	9.31E-07	2.05E-07	2.95E-07	4.68E-07	8.25E-08	7.44E-07	2.76E-06
1064	490329.25	3859915.26	3.33E-03	3.60E-03	5.66E-03	1.15E-06	3.49E-06	2.02E-06	2.18E-06	1.97E-06	9.00E-07	1.42E-06	3.85E-08	9.31E-07	2.05E-07	2.95E-07	4.69E-07	8.26E-08	7.44E-07	2.77E-06
1065	490379.25	3859915.26	3.34E-03	3.60E-03	5.67E-03	1.16E-06	3.49E-06	2.02E-06	2.18E-06	1.98E-06	9.01E-07	1.42E-06	3.86E-08	9.32E-07	2.06E-07	2.96E-07	4.69E-07	8.27E-08	7.45E-07	2.77E-06
1066	490429.25	3859915.26	3.35E-03	3.61E-03	5.68E-03	1.16E-06	3.50E-06	2.02E-06	2.18E-06	1.98E-06	9.03E-07	1.42E-06	3.87E-08	9.34E-07	2.06E-07	2.96E-07	4.70E-07	8.29E-08	7.46E-07	2.77E-06
1067	490451.43	3859872.59	3.47E-03	3.74E-03	5.89E-03	1.20E-06	3.63E-06	2.10E-06	2.26E-06	2.05E-06	9.36E-07	1.47E-06	4.01E-08	9.69E-07	2.14E-07	3.07E-07	4.88E-07	8.59E-08	7.73E-07	2.88E-06
1068	490501.43	3859872.59	3.49E-03	3.76E-03	5.92E-03	1.21E-06	3.65E-06	2.11E-06	2.28E-06	2.06E-06	9.41E-07	1.48E-06	4.03E-08	9.74E-07	2.15E-07	3.09E-07	4.90E-07	8.64E-08	7.77E-07	2.89E-06
1069	490551.43	3859872.59	3.51E-03	3.79E-03	5.96E-03	1.22E-06	3.67E-06	2.12E-06	2.29E-06	2.08E-06	9.47E-07	1.49E-06	4.06E-08	9.80E-07	2.16E-07	3.11E-07	4.93E-07	8.69E-08	7.83E-07	2.91E-06
1070	490601.43	3859872.59	3.53E-03	3.81E-03	6.00E-03	1.22E-06	3.69E-06	2.14E-06	2.31E-06	2.09E-06	9.53E-07	1.50E-06	4.08E-08	9.87E-07	2.18E-07	3.13E-07	4.96E-07	8.75E-08	7.88E-07	2.93E-06
1071	490451.43	3859922.59	3.33E-03	3.59E-03	5.66E-03	1.15E-06	3.48E-06	2.02E-06	2.17E-06	1.97E-06	8.99E-07	1.42E-06	3.85E-08	9.30E-07	2.05E-07	2.95E-07	4.68E-07	8.25E-08	7.43E-07	2.76E-06
1072	490501.43	3859922.59	3.34E-03	3.60E-03	5.68E-03	1.16E-06	3.49E-06	2.02E-06	2.18E-06	1.98E-06	9.02E-07	1.42E-06	3.86E-08	9.33E-07	2.06E-07	2.96E-07	4.70E-07	8.28E-08	7.46E-07	2.77E-06
1073	490551.43	3859922.59	3.36E-03	3.62E-03	5.71E-03	1.16E-06	3.51E-06	2.03E-06	2.19E-06	1.99E-06	9.07E-07	1.43E-06	3.89E-08	9.39E-07	2.07E-07	2.98E-07	4.72E-07	8.32E-08	7.50E-07	2.79E-06
1074	490601.43	3859922.59	3.38E-03	3.65E-03	5.75E-03	1.17E-06	3.54E-06	2.05E-06	2.21E-06	2.00E-06	9.13E-07	1.44E-06	3.91E-08	9.45E-07	2.08E-07	3.00E-07	4.75E-07	8.38E-08	7.55E-07	2.81E-06
1075	482129.67	3852241.07	1.45E-03	1.56E-03	2.43E-03	5.01E-07	1.51E-06	8.76E-07	9.43E-07	8.55E-07	3.90E-07	6.08E-07	1.67E-08	4.04E-07	8.92E-08	1.28E-07	2.03E-07	3.58E-08	3.19E-07	1.20E-06
1076	482029.67	3852291.07	1.55E-03	1.67E-03	2.61E-03	5.37E-07	1.62E-06	9.38E-07	1.01E-06	9.16E-07	4.18E-07	6.53E-07	1.79E-08	4.33E-07	9.55E-08	1.37E-07	2.18E-07	3.83E-08	3.43E-07	1.28E-06
1077	482079.67	3852291.07	1.53E-03	1.65E-03	2.58E-03	5.30E-07	1.60E-06	9.27E-07	9.98E-07	9.05E-07	4.13E-07	6.45E-07	1.77E-08	4.28E-07	9.44E-08	1.36E-07	2.15E-07	3.79E-08	3.38E-07	1.27E-06
1078	482129.67	3852291.07	1.51E-03	1.63E-03	2.54E-03	5.23E-07	1.58E-06	9.15E-07	9.85E-07	8.93E-07	4.07E-07	6.36E-07	1.75E-08	4.22E-07	9.31E-08	1.34E-07	2.12E-07	3.74E-08	3.34E-07	1.25E-06
1079	482179.67	3852291.07	1.48E-03	1.59E-03	2.48E-03	5.11E-07	1.54E-06	8.93E-07	9.62E-07	8.72E-07	3.98E-07	6.20E-07	1.71E-08	4.12E-07	9.10E-08	1.31E-07	2.07E-07	3.65E-08	3.25E-07	1.22E-06
1080	482229.67	3852291.07	1.44E-03	1.55E-03	2.42E-03	4.99E-07	1.51E-06	8.73E-07	9.40E-07	8.52E-07	3.89E-07	6.07E-07	1.67E-08	4.03E-07	8.88E-08	1.28E-07	2.02E-07	3.57E-08	3.18E-07	1.19E-06
1081	482029.67	3852341.07	1.61E-03	1.73E-03	2.70E-03	5.56E-07	1.68E-06	9.72E-07	1.05E-06	9.49E-07	4.33E-07	6.76E-07	1.86E-08	4.48E-07	9.90E-08	1.42E-07	2.25E-07	3.97E-08	3.55E-07	1.33E-06
1082	482079.67	3852341.07	1.59E-03	1.71E-03	2.67E-03	5.49E-07	1.66E-06	9.60E-07	1.03E-06	9.38E-07	4.28E-07	6.68E-07	1.83E-08	4.43E-07	9.78E-08	1.40E-07	2.23E-07	3.93E-08	3.51E-07	1.31E-06
1083	482129.67	3852341.07	1.57E-03	1.69E-03	2.64E-03	5.43E-07	1.64E-06	9.49E-07	1.02E-06	9.26E-07	4.23E-07	6.60E-07	1.81E-08	4.38E-07	9.66E-08	1.39E-07	2.20E-07	3.88E-08	3.46E-07	1.30E-06
1084	482179.67	3852341.07	1.55E-03	1.67E-03	2.60E-03	5.35E-07	1.62E-06	9.36E-07	1.01E-06	9.13E-07	4.17E-07	6.50E-07	1.79E-08	4.32E-07	9.53E-08	1.37E-07	2.17E-07	3.82E-08	3.41E-07	1.28E-06
1085	482259.06	3852400.14	1.59E-03	1.72E-03	2.67E-03	5.52E-07	1.67E-06	9.64E-07	1.04E-06	9.41E-07	4.29E-07	6.68E-07	1.84E-08	4.45E-07	9.82E-08	1.41E-07	2.24E-07	3.94E-08	3.51E-07	1.32E-06
1086	482309.06	3852400.14	1.55E-03	1.67E-03	2.61E-03	5.38E-07	1.63E-06	9.41E-07	1.01E-06	9.18E-07	4.19E-07	6.52E-07	1.80E-08	4.34E-07	9.58E-08	1.38E-07	2.18E-07	3.84E-08	3.42E-07	1.28E-06
1087	482209.06	3852450.14	1.67E-03	1.80E-03	2.80E-03	5.78E-07	1.75E-06	1.01E-06	1.09E-06	9.86E-07	4.50E-07	7.01E-07	1.93E-08	4.66E-07	1.03E-07	1.48E-07	2.34E-07	4.13E-08	3.68E-07	1.38E-06
1088	482259.06	3852450.14	1.65E-03	1.78E-03	2.77E-03	5.72E-07	1.73E-06	9.99E-07	1.08E-06	9.75E-07	4.45E-07	6.93E-07	1.91E-08	4.61E-07	1.02E-07	1.46E-07	2.32E-07	4.08E-08	3.64E-07	1.36E-06
1089	482309.06	3852450.14	1.63E-03	1.75E-03	2.73E-03	5.64E-07	1.70E-06	9.86E-07	1.06E-06	9.62E-07	4.39E-07	6.84E-07	1.88E-08	4.55E-07	1.00E-07	1.44E-07	2.29E-07	4.03E-08	3.59E-07	1.35E-06
1090	482209.06	3852500.14	1.73E-03	1.86E-03	2.90E-03	5.99E-07	1.81E-06	1.05E-06	1.13E-06	1.02E-06	4.66E-07	7.27E-07	2.00E-08	4.83E-07	1.07E-07	1.53E-07	2.43E-07	4.28E-08	3.81E-07	1.43E-06
1091	482259.06	3852500.14	1.71E-03	1.84E-03	2.87E-03	5.92E-07	1.79E-06	1.04E-06	1.11E-06	1.01E-06	4.61E-07	7.18E-07	1.98E-08	4.78E-07	1.05E-07	1.51E-07	2.40E-07	4.23E-08	3.77E-07	1.41E-06
1092	482309.06	3852500.14	1.69E-03	1.82E-03	2.84E-03	5.85E-07	1.77E-06	1.02E-06	1.10E-06	9.99E-07	4.56E-07	7.10E-07	1.96E-08	4.72E-07	1.04E-07	1.50E-07	2.37E-07	4.18E-08	3.72E-07	1.40E-06
1093	482283.91	3852513.62	1.72E-03	1.85E-03	2.88E-03	5.95E-07	1.80E-06	1.04E-06	1.12E-06	1.01E-06	4.63E-07	7.21E-07	1.99E-08	4.80E-07	1.06E-07	1.52E-07	2.41E-07	4.25E-08	3.78E-07	1.42E-06
1094	482333.91	3852513.62	1.70E-03	1.83E-03	2.85E-03	5.89E-07	1.78E-06	1.03E-06	1.11E-06	1.00E-06	4.58E-07	7.13E-07	1.97E-08	4.75E-07	1.05E-07	1.50E-07	2.39E-07	4.20E-08	3.74E-07	1.40E-06
1095	482283.91	3852563.62	1.78E-03	1.92E-03	2.99E-03	6.17E-07	1.86E-06	1.08E-06	1.16E-06	1.05E-06	4.80E-07	7.48E-07	2.06E-08	4.98E-07	1.10E-07	1.58E-07	2.50E-07	4.41E-08	3.93E-07	1.47E-06
1096	482333.91	3852563.62	1.77E-03	1.90E-03	2.96E-03	6.11E-07	1.85E-06	1.07E-06	1.15E-06	1.04E-06	4.76E-07	7.40E-07	2.04E-08	4.93E-07	1.09E-07	1.56E-07	2.48E-07	4.37E-08	3.89E-07	1.46E-06
1097	482383.91	3852563.62	1.75E-03	1.88E-03	2.93E-03	6.06E-07	1.83E-06	1.06E-06	1.14E-06	1.03E-06	4.72E-07	7.34E-07	2.02E-08	4.89E-07	1.08E-07	1.55E-07	2.46E-07	4.33E-08	3.85E-07	1.45E-06
1098	482283.91	3852613.62	1.85E-03	1.99E-03	3.10E-03	6.40E-07	1.93E-06	1.12E-06	1.20E-06	1.09E-06	4.98E-07	7.76E-07	2.14E-08	5.17E-07	1.14E-07	1.64E-07	2.60E-07	4.57E-08	4.07E-07	1.53E-06
1099	482333.91	3852613.62	1.83E-03	1.97E-03	3.07E-03	6.34E-07	1.91E-06	1.11E-06	1.19E-06	1.08E-06	4.93E-07	7.68E-07	2.12E-08	5.11E-07	1.13E-07	1.62E-07	2.57E-07	4.53E-08	4.03E-07	1.51E-06
1100	482383.91	3852613.62	1.82E-03	1.96E-03	3.04E-03	6.29E-07	1.90E-06	1.10E-06	1.18E-06	1.07E-06	4.89E-07	7.61E-07	2.10E-08	5.07E-07	1.12E-07	1.61E-07	2.55E-07	4.49E-08	3.99E-07	1.50E-06
1101	482602.38	3852600.87	1.72E-03	1.86E-03	2.89E-03	5.97E-07	1.80E-06	1.04E-06	1.12E-06	1.02E-06	4.65E-07	7.24E-07	1.99E-08	4.82E-07	1.06E-07	1.53E-07	2.42E-07	4.26E-08	3.80E-07	1.42E-06
1102	482652.38	3852600.87	1.71E-03	1.84E-03	2.87E-03	5.92E-07	1.79E-06	1.04E-06	1.11E-06	1.01E-06	4.61E-07	7.19E-07	1.98E-08	4.78E-07	1.05E-07	1.51E-07	2.40E-07	4.23E-08	3.77E-07	1.41E-06
1103	482702.38	3852600.87	1.67E-03	1.80E-03	2.81E-03	5.77E-07	1.74E-06	1.01E-06	1.09E-06	9.85E-07	4.50E-07	7.02E-07	1.93E-08	4.66E-07	1.03E-07	1.48E-07	2.34E-07	4.13E-08	3.69E-07	1.38E-06
1104	482552.38	3852650.87	1.83E-03	1.97E-03	3.06E-03	6.33E-07	1.91E-06	1.11E-06	1.19E-06	1.08E-06	4.93E-07	7.67E-07	2.11E-08	5.11E-07	1.13E-07	1.62E-07	2.57E-07	4.52E-08	4.02E-07	1.51E-06
1105	482602.38	3852650.87	1.81E-03	1.94E-03	3.02E-03	6.25E-07	1.89E-06	1.09E-06	1.18E-06	1.07E-06	4.87E-07	7.57E-07	2.09E-08	5.04E-07	1.11E-07	1.60E-07	2.53E-07	4.46E-08	3.97E-07	1.49E-06
1106	482652.38	3852650.87	1.80E-03	1.93E-03	3.01E-03	6.22E-07	1.88E-06	1.09E-06	1.17E-06	1.06E-06	4.84E-07	7.53E-07	2.08E-08	5.02E-07	1.11E-07	1.59E-07	2.52E-07	4.44E-08	3.95E-07	1.48E-06
1107	482702.38	3852650.87	1.78E-03	1.92E-03	2.99E-03	6.17E-07	1.86E-06	1.08E-06	1.16E-06	1.05E-06	4.80E-07	7.48E-07	2.06E-08	4.98E-07	1.10E-07	1.58E-07	2.50E-07	4.41E-08	3.92E-07	1.47E-06
1108	482552.38	3852700.87	1.90E-03	2.05E-03	3.18E-03	6.58E-07	1.99E-06	1.15E-06	1.24E-06	1.12E-06	5.12E-07	7.96E-07	2.20E-08	5.31E-07	1.17E-07	1.68E-07	2.67E-07	4.70E-08	4.18E-07	1.57E-06
1109	482602.38	3852700.87	1.90E-03	2.04E-03	3.17E-03	6.56E-07	1.98E-06	1.15E-06	1.23E-06	1.12E-06	5.11E-07	7.94E-07	2.19E-08	5.30E-07	1.17E-07	1.68E-07	2.66E-07	4.69E-08	4.17E-07	1.57E-06
1110	482652.38	3852700.87	1.90E-03	2.04E-03	3.17E-03	6.57E-07	1.98E-06	1.15E-06	1.24E-06	1.12E-06	5.11E-07	7.94E-07	2.19E-08	5.30E-07	1.17E-07	1.68E-07	2.66E-07	4.69E-08	4.17E-07	1.57E-06
1111	482702.38	3852700.87	1.89E-03	2.03E-03	3.16E-03	6.53E-07	1.97E-06	1.14E-06	1.23E-06	1.11E-06	5.08E-07	7.90E-07	2.18E-08	5.27E-07	1.16E-07	1.67E-07	2.64E-07	4.66E-08	4.15E-07	1.56E-06
1112	482452.38	3852750.87	1.99E-03	2.15E-03	3.34E-03	6.90E-07	2.08E-06	1.21E-06	1.30E-06	1.18E-06	5.37E-07	8.35E-07	2.30E-08	5.57E-07	1.23E-07	1.76E-07	2.80E-07	4.93E-08	4.38E-07	1.65E-06
1113	482521.29	3852749.74	1.98E-03	2.13E-03	3.31E-03	6.85E-07	2.07E-06	1.20E-06	1.29E-06	1.17E-06	5.33E-07	8.29E-07	2.29E-08	5.53E-07	1.22E-07	1.75E-07	2.78E-07	4.89E-08	4.35E-07	1.63E-06
1114	482571.29	3852749.74	1.97E-03	2.12E-03	3.30E-03	6.83E-07	2.06E-06	1.19E-06	1.29E-06	1.17E-06	5.32E-07	8.26E-07	2.28E-08	5.51E-07	1.22E-07	1.75E-07	2.77E-07	4.88E-08	4.34E-07	1.63E-06
1115	482521.29	3852799.74	2.06E-03	2.21E-03	3.44E-03	7.12E-07	2.15E-06	1.24E-06	1.34E-06	1.21E-06	5.54E-07	8.61E-07	2.38E-08	5.74E-07	1.27E-07	1.82E-07	2.88E-07	5.08E-08	4.52E-07	1.70E-06
1116	482571.29	3852799.74	2.05E-03	2.21E-03	3.43E-03	7.11E-07	2.15E-06	1.24E-06	1.34E-06	1.21E-06	5.53E-07	8.59E-07	2.37E-08	5.73E-07	1.26E-07	1.81E-07	2.88E-07	5.07E-08	4.51E-07	1.69E-06
1117	482621.29	3852799.74	2.05E-03	2.21E-03	3.43E-03	7.10E-07	2.14E-06	1.24E-06	1.34E-06	1.21E-06	5.52E-07	8.58E-07	2.37E-08	5.73E-07	1.26E-07	1.81E-07	2.88E-07	5.07E-08	4.50E-07	1.69E-06
1118	482571.29	3852849.74	2.13E-03	2.30E-03	3.57E-03	7.39E-07	2.23E-06	1.29E-06	1.39E-06	1.26E-06	5.75E-07	8.93E-07	2.47E-08	5.96E-07	1.31E-07	1.89E-07	2.99E-07	5.27E-08	4.69E-07	1.76E-06
1119	482621.29	3852849.74	2.13E-03	2.30E-03	3.57E-03	7.38E-07	2.23E-06	1.29E-06	1.39E-06	1.26E-06	5.74E-07	8.92E-07	2.47E-08	5.96E-07	1.31E-07	1.89E-07	2.99E-07	5.27E-08	4.68E-07	1.76E-06
1120	482577.42	3852901.55	2.22E-03	2.39E-03	3.72E-03	7.70E-07	2.33E-06	1.35E-06	1.45E-06	1.31E-06	5.99E-07	9.31E-07	2.57E-08	6.21E-07	1.37E-07	1.97E-07	3.12E-07	5.50E-08	4.88E-07	1.84E-06
1121	482627.42	3852901.55	2.22E-03	2.39E-03	3.72E-03	7.70E-07	2.33E-06	1.35E-06	1.45E-06	1.31E-06	5.99E-07	9.30E-07	2.57E-08	6.21E-07	1.37E-07	1.97E-07	3.12E-07	5.50E-08	4.88E-07	1.84E-06
1122	482629.96	3852955.85	2.33E-03	2.51E-03	3.89E-03	8.06E-07	2.43E-06	1.41E-06	1.52E-06	1.37E-06	6.27E-07	9.73E-07	2.69E-08	6.50E-07	1.43E-07	2.06E-07	3.26E-07	5.75E-08	5.11E-07	1.92E-06
1123	482679.96	3852955.85	2.33E-03	2.51E-03	3.89E-03	8.06E-07	2.43E-06	1.41E-06	1.52E-06	1.37E-06	6.27E-07	9.73E-07	2.69E-08	6.50E-07	1.44E-07	2.06E-07	3.27E-07	5.76E-08	5.11E-07	1.92E-06
1124	482781.63	3853034.48	2.48E-03	2.67E-03	4.14E-03	8.58E-07	2.59E-06	1.50E-06	1.61E-06	1.46E-06	6.68E-07	1.04E-06	2.87E-08	6.92E-07	1.53E-07	2.19E-07	3.48E-07	6.13E-08	5.43E-07	2.05E-06
1125	482831.63	3853034.48	2.45E-03	2.63E-03	4.09E-03	8.47E-07	2.56E-06	1.48E-06	1.59E-06	1.44E-06	6.59E-07	1.02E-06	2.83E-08	6.83E-07	1.51E-07	2.16E-07	3.43E-07	6.05E-08	5.37E-07	2.02E-06
1126	482881.63	3853034.48	2.41E-03	2.60E-03	4.03E-03	8.35E-07	2.52E-06	1.46E-06	1.57E-06	1.42E-06	6.49E-07	1.01E-06	2.79E-08	6.73E-07	1.49E-07	2.13E-07	3.38E-07	5.96E-08	5.29E-07	1.99E-06
1127	482781.63	3853084.48	2.61E-03	2.81E-03	4.35E-03	9.03E-07	2.73E-06	1.58E-06	1.70E-06	1.54E-06	7.02E-07	1.09E-06	3.02E-08	7.28E-07	1.61E-07	2.30E-07	3.66E-07	6.44E-08	5.71E-07	2.15E-06
1128	482831.63	3853084.48	2.58E-03	2.77E-03	4.29E-03	8.92E-07	2.69E-06	1.56E-06	1.68E-06	1.52E-06	6.93E-07	1.07E-06	2.98E-08	7.19E-07	1.59E-07	2.28E-07	3.61E-07	6.36E-08	5.64E-07	2.12E-06
1129	482881.63	3853084.48	2.54E-03	2.73E-03	4.23E-03	8.78E-07	2.65E-06	1.54E-06	1.65E-06	1.50E-06	6.83E-07	1.06E-06	2.93E-08	7.08E-07	1.56E-07	2.24E-07	3.56E-07	6.27E-08	5.56E-07	2.09E-06
1130	482781.63	3853134.48	2.75E-03	2.96E-03	4.58E-03	9.53E-07	2.88E-06	1.67E-06	1.79E-06	1.62E-06	7.41E-07	1.15E-06	3.18E-08	7.69E-07	1.70E-07	2.43E-07	3.86E-07	6.80E-08	6.01E-07	2.27E-06
1131	482831.63	3853134.48	2.72E-03	2.93E-03	4.53E-03	9.41E-07	2.84E-06	1.65E-06	1.77E-06	1.60E-06	7.32E-07	1.13E-06	3.14E-08	7.59E-07	1.68E-07	2.40E-07	3.81E-07	6.72E-08	5.94E-07	2.24E-06
1132	482881.63	3853134.48	2.68E-03	2.88E-03	4.46E-03	9.28E-07	2.80E-06	1.62E-06	1.75E-06	1.58E-06	7.22E-07	1.12E-06	3.10E-08	7.49E-07	1.65E-07	2.37E-07	3.76E-07	6.62E-08	5.86E-07	2.21E-06
1133	482831.63	3853184.48	2.88E-03	3.10E-03	4.78E-03	9.97E-07	3.01E-06	1.74E-06	1.87E-06	1.70E-06	7.75E-07	1.20E-06	3.33E-08	8.05E-07	1.78E-07	2.55E-07	4.04E-07	7.12E-08	6.28E-07	2.37E-06
1134	482881.63	3853184.48	2.84E-03	3.05E-03	4.72E-03	9.83E-07	2.97E-06	1.72E-06	1.85E-06	1.68E-06	7.64E-07	1.18E-06	3.28E-08	7.93E-07	1.75E-07	2.51E-07	3.98E-07	7.01E-08	6.19E-07	2.34E-06
1135	484154.84	3854250.98	9.56E-03	1.04E-02	1.71E-02	3.31E-06	9.99E-06	5.79E-06	6.28E-06	5.69E-06	2.60E-06	4.28E-06	1.11E-07	2.67E-06	5.89E-07	8.52E-07	1.35E-06	2.38E-07	2.25E-06	8.06E-06
1136	484204.84	3854250.98	9.29E-03	1.01E-02	1.66E-02	3.22E-06	9.71E-06	5.62E-06	6.10E-06	5.53E-06	2.52E-06	4.15E-06	1.07E-07	2.59E-06	5.72E-07	8.28E-07	1.31E-06	2.32E-07	2.18E-06	7.83E-06
1137	484154.84	3854300.98	9.91E-03	1.08E-02	1.77E-02	3.43E-06	1.04E-05	6.00E-06	6.51E-06	5.90E-06	2.69E-06	4.43E-06	1.15E-07	2.77E-06	6.11E-07	8.84E-07	1.40E-06	2.47E-07	2.33E-06	8.35E-06
1138	484204.84	3854300.98	9.75E-03	1.06E-02	1.74E-02	3.38E-06	1.02E-05	5.90E-06	6.40E-06	5.80E-06	2.65E-06	4.35E-06	1.13E-07	2.72E-06	6.01E-07	8.69E-07	1.38E-06	2.43E-07	2.28E-06	8.21E-06
1139	484074.19	3854519.8	1.47E-02	1.59E-02	2.58E-02	5.09E-06	1.54E-05	8.90E-06	9.63E-06	8.73E-06	3.98E-06	6.47E-06	1.70E-07	4.10E-06	9.06E-07	1.31E-06	2.07E-06	3.66E-07	3.39E-06	1.23E-05
1140	484124.19	3854519.8	1.40E-02	1.51E-02	2.45E-02	4.83E-06	1.46E-05	8.45E-06	9.15E-06	8.29E-06	3.78E-06	6.14E-06	1.61E-07	3.90E-06	8.60E-07	1.24E-06	1.97E-06	3.47E-07	3.22E-06	1.17E-05
1141	484074.19	3854569.8	1.63E-02	1.76E-02	2.84E-02	5.64E-06	1.70E-05	9.86E-06	1.07E-05	9.67E-06	4.41E-06	7.11E-06	1.88E-07	4.55E-06	1.00E-06	1.45E-06	2.30E-06	4.05E-07	3.73E-06	1.36E-05
1142	484124.19	3854569.8	1.53E-02	1.65E-02	2.67E-02	5.29E-06	1.60E-05	9.25E-06	1.00E-05	9.07E-06	4.14E-06	6.67E-06	1.77E-07	4.27E-06	9.42E-07	1.36E-06	2.16E-06	3.80E-07	3.50E-06	1.28E-05
1143	485205.11	3855188.89	2.66E-02	2.86E-02	4.46E-02	9.21E-06	2.78E-05	1.61E-05	1.73E-05	1.57E-05	7.17E-06	1.12E-05	3.08E-07	7.43E-06	1.64E-06	2.35E-06	3.73E-06	6.58E-07	5.86E-06	2.20E-05
1144	485255.11	3855188.89	2.51E-02	2.70E-02	4.22E-02	8.69E-06	2.62E-05	1.52E-05	1.64E-05	1.48E-05	6.77E-06	1.05E-05	2.90E-07	7.01E-06	1.55E-06	2.22E-06	3.52E-06	6.21E-07	5.54E-06	2.08E-05
1145	485205.11	3855238.89	2.77E-02	2.98E-02	4.64E-02	9.59E-06	2.89E-05	1.68E-05	1.80E-05	1.64E-05	7.46E-06	1.16E-05	3.20E-07	7.73E-06	1.71E-06	2.45E-06	3.89E-06	6.85E-07	6.10E-06	2.29E-05
1146	485255.11	3855238.89	2.67E-02	2.88E-02	4.49E-02	9.25E-06	2.79E-05	1.62E-05	1.74E-05	1.58E-05	7.20E-06	1.12E-05	3.09E-07	7.46E-06	1.65E-06	2.36E-06	3.75E-06	6.61E-07	5.89E-06	2.21E-05
1147	485205.11	3855288.89	3.10E-02	3.33E-02	5.19E-02	1.07E-05	3.24E-05	1.87E-05	2.02E-05	1.83E-05	8.34E-06	1.30E-05	3.58E-07	8.64E-06	1.91E-06	2.74E-06	4.34E-06	7.65E-07	6.82E-06	2.56E-05
1148	485255.11	3855288.89	2.94E-02	3.17E-02	4.94E-02	1.02E-05	3.07E-05	1.78E-05	1.92E-05	1.74E-05	7.93E-06	1.24E-05	3.40E-07	8.21E-06	1.81E-06	2.60E-06	4.13E-06	7.27E-07	6.49E-06	2.43E-05

1149	485255.11	3855338.89	3.24E-02	3.49E-02	5.45E-02	1.12E-05	3.39E-05	1.96E-05	2.11E-05	1.91E-05	8.73E-06	1.36E-05	3.75E-07	9.05E-06	2.00E-06	2.87E-06	4.55E-06	8.01E-07	7.16E-06	2.68E-05
1150	485305.11	3855338.89	3.06E-02	3.30E-02	5.15E-02	1.06E-05	3.20E-05	1.85E-05	2.00E-05	1.81E-05	8.26E-06	1.29E-05	3.54E-07	8.55E-06	1.89E-06	2.71E-06	4.30E-06	7.58E-07	6.77E-06	2.53E-05
1151	485852.5	3855635.28	2.95E-02	3.18E-02	5.02E-02	1.02E-05	3.08E-05	1.78E-05	1.92E-05	1.74E-05	7.96E-06	1.26E-05	3.41E-07	8.23E-06	1.82E-06	2.61E-06	4.15E-06	7.31E-07	6.59E-06	2.45E-05
1152	485902.5	3855635.28	2.81E-02	3.03E-02	4.78E-02	9.72E-06	2.94E-05	1.70E-05	1.83E-05	1.66E-05	7.58E-06	1.20E-05	3.25E-07	7.84E-06	1.73E-06	2.49E-06	3.95E-06	6.96E-07	6.28E-06	2.33E-05
1153	485852.5	3855685.28	3.10E-02	3.35E-02	5.29E-02	1.07E-05	3.24E-05	1.88E-05	2.03E-05	1.84E-05	8.38E-06	1.32E-05	3.59E-07	8.66E-06	1.91E-06	2.75E-06	4.36E-06	7.69E-07	6.94E-06	2.58E-05
1154	485902.5	3855685.28	2.95E-02	3.18E-02	5.03E-02	1.02E-05	3.08E-05	1.79E-05	1.93E-05	1.75E-05	7.97E-06	1.26E-05	3.41E-07	8.24E-06	1.82E-06	2.61E-06	4.15E-06	7.31E-07	6.60E-06	2.45E-05
1155	485852.5	3855735.28	3.27E-02	3.53E-02	5.58E-02	1.13E-05	3.42E-05	1.98E-05	2.13E-05	1.93E-05	8.83E-06	1.40E-05	3.78E-07	9.13E-06	2.01E-06	2.90E-06	4.60E-06	8.10E-07	7.33E-06	2.71E-05
1156	485902.5	3855735.28	3.13E-02	3.38E-02	5.34E-02	1.08E-05	3.27E-05	1.89E-05	2.04E-05	1.85E-05	8.45E-06	1.34E-05	3.62E-07	8.74E-06	1.93E-06	2.77E-06	4.40E-06	7.76E-07	7.01E-06	2.60E-05
1157	485852.5	3855785.28	3.48E-02	3.76E-02	5.95E-02	1.21E-05	3.64E-05	2.11E-05	2.27E-05	2.06E-05	9.40E-06	1.49E-05	4.03E-07	9.72E-06	2.15E-06	3.09E-06	4.90E-06	8.63E-07	7.82E-06	2.89E-05
1158	485902.5	3855785.28	3.28E-02	3.54E-02	5.61E-02	1.14E-05	3.43E-05	1.99E-05	2.14E-05	1.94E-05	8.87E-06	1.40E-05	3.80E-07	9.17E-06	2.02E-06	2.91E-06	4.62E-06	8.14E-07	7.37E-06	2.73E-05
1159	486809.46	3856465.28	3.30E-02	3.57E-02	5.70E-02	1.14E-05	3.45E-05	2.00E-05	2.16E-05	1.96E-05	8.93E-06	1.43E-05	3.82E-07	9.22E-06	2.03E-06	2.93E-06	4.65E-06	8.19E-07	7.49E-06	2.75E-05
1160	486859.46	3856465.28	3.24E-02	3.50E-02	5.59E-02	1.12E-05	3.38E-05	1.96E-05	2.11E-05	1.92E-05	8.75E-06	1.40E-05	3.74E-07	9.03E-06	1.99E-06	2.87E-06	4.56E-06	8.03E-07	7.34E-06	2.70E-05
1161	486909.46	3856465.28	3.16E-02	3.42E-02	5.46E-02	1.09E-05	3.30E-05	1.91E-05	2.07E-05	1.87E-05	8.55E-06	1.37E-05	3.65E-07	8.83E-06	1.95E-06	2.81E-06	4.45E-06	7.84E-07	7.17E-06	2.63E-05
1162	486809.46	3856515.28	3.46E-02	3.74E-02	5.98E-02	1.20E-05	3.62E-05	2.09E-05	2.26E-05	2.05E-05	9.35E-06	1.50E-05	4.00E-07	9.66E-06	2.13E-06	3.07E-06	4.87E-06	8.58E-07	7.85E-06	2.88E-05
1163	486859.46	3856515.28	3.40E-02	3.67E-02	5.87E-02	1.18E-05	3.55E-05	2.05E-05	2.22E-05	2.01E-05	9.18E-06	1.47E-05	3.93E-07	9.48E-06	2.09E-06	3.01E-06	4.78E-06	8.43E-07	7.70E-06	2.83E-05
1164	486909.46	3856515.28	3.32E-02	3.59E-02	5.74E-02	1.15E-05	3.47E-05	2.01E-05	2.17E-05	1.97E-05	8.98E-06	1.44E-05	3.84E-07	9.28E-06	2.05E-06	2.95E-06	4.68E-06	8.24E-07	7.54E-06	2.77E-05
1165	486980.94	3856357.95	2.81E-02	3.03E-02	4.84E-02	9.72E-06	2.93E-05	1.70E-05	1.83E-05	1.66E-05	7.59E-06	1.21E-05	3.24E-07	7.84E-06	1.73E-06	2.49E-06	3.95E-06	6.97E-07	6.36E-06	2.34E-05
1166	487030.94	3856357.95	2.76E-02	2.98E-02	4.75E-02	9.54E-06	2.88E-05	1.67E-05	1.80E-05	1.63E-05	7.45E-06	1.19E-05	3.19E-07	7.69E-06	1.70E-06	2.45E-06	3.88E-06	6.84E-07	6.24E-06	2.30E-05
1167	486980.94	3856407.95	2.93E-02	3.17E-02	5.06E-02	1.01E-05	3.06E-05	1.77E-05	1.92E-05	1.74E-05	7.93E-06	1.27E-05	3.39E-07	8.19E-06	1.81E-06	2.60E-06	4.13E-06	7.28E-07	6.65E-06	2.44E-05
1168	487030.94	3856407.95	2.87E-02	3.10E-02	4.96E-02	9.95E-06	3.00E-05	1.74E-05	1.88E-05	1.70E-05	7.77E-06	1.24E-05	3.32E-07	8.02E-06	1.77E-06	2.55E-06	4.05E-06	7.13E-07	6.51E-06	2.39E-05
1169	487447.18	3856437.45	2.54E-02	2.74E-02	4.38E-02	8.79E-06	2.65E-05	1.54E-05	1.66E-05	1.50E-05	6.86E-06	1.10E-05	2.93E-07	7.09E-06	1.56E-06	2.25E-06	3.57E-06	6.30E-07	5.75E-06	2.12E-05
1170	487497.18	3856437.45	2.50E-02	2.70E-02	4.31E-02	8.65E-06	2.61E-05	1.51E-05	1.63E-05	1.48E-05	6.75E-06	1.08E-05	2.89E-07	6.97E-06	1.54E-06	2.22E-06	3.52E-06	6.20E-07	5.66E-06	2.08E-05
1171	487547.18	3856437.45	2.46E-02	2.66E-02	4.24E-02	8.52E-06	2.57E-05	1.49E-05	1.61E-05	1.46E-05	6.65E-06	1.06E-05	2.84E-07	6.87E-06	1.52E-06	2.18E-06	3.46E-06	6.10E-07	5.57E-06	2.05E-05
1172	487447.18	3856487.45	2.63E-02	2.84E-02	4.54E-02	9.11E-06	2.75E-05	1.59E-05	1.72E-05	1.56E-05	7.12E-06	1.14E-05	3.04E-07	7.35E-06	1.62E-06	2.34E-06	3.71E-06	6.53E-07	5.96E-06	2.19E-05
1173	487497.18	3856487.45	2.59E-02	2.79E-02	4.46E-02	8.95E-06	2.70E-05	1.56E-05	1.69E-05	1.53E-05	6.99E-06	1.12E-05	2.99E-07	7.22E-06	1.59E-06	2.30E-06	3.64E-06	6.42E-07	5.86E-06	2.16E-05
1174	487547.18	3856487.45	2.55E-02	2.75E-02	4.39E-02	8.81E-06	2.66E-05	1.54E-05	1.66E-05	1.51E-05	6.88E-06	1.10E-05	2.94E-07	7.11E-06	1.57E-06	2.26E-06	3.58E-06	6.32E-07	5.77E-06	2.12E-05
1175	487447.18	3856537.45	2.73E-02	2.95E-02	4.71E-02	9.45E-06	2.85E-05	1.65E-05	1.78E-05	1.62E-05	7.38E-06	1.18E-05	3.15E-07	7.62E-06	1.68E-06	2.42E-06	3.84E-06	6.77E-07	6.18E-06	2.27E-05
1176	487497.18	3856537.45	2.68E-02	2.89E-02	4.62E-02	9.27E-06	2.80E-05	1.62E-05	1.75E-05	1.59E-05	7.24E-06	1.16E-05	3.10E-07	7.48E-06	1.65E-06	2.38E-06	3.77E-06	6.65E-07	6.07E-06	2.23E-05
1177	487547.18	3856537.45	2.64E-02	2.85E-02	4.55E-02	9.13E-06	2.76E-05	1.60E-05	1.72E-05	1.56E-05	7.13E-06	1.14E-05	3.05E-07	7.36E-06	1.62E-06	2.34E-06	3.71E-06	6.54E-07	5.98E-06	2.20E-05
1178	489285.89	3858826.54	1.20E-02	1.29E-02	1.91E-02	4.16E-06	1.26E-05	7.28E-06	7.78E-06	7.05E-06	3.22E-06	4.77E-06	1.39E-07	3.36E-06	7.41E-07	1.06E-06	1.68E-06	2.95E-07	2.51E-06	9.77E-06
1179	489335.89	3858826.54	1.17E-02	1.25E-02	1.87E-02	4.06E-06	1.22E-05	7.09E-06	7.59E-06	6.88E-06	3.14E-06	4.69E-06	1.35E-07	3.27E-06	7.22E-07	1.03E-06	1.63E-06	2.88E-07	2.46E-06	9.54E-06
1180	489385.89	3858826.54	1.14E-02	1.23E-02	1.84E-02	3.96E-06	1.20E-05	6.93E-06	7.42E-06	6.73E-06	3.07E-06	4.61E-06	1.32E-07	3.20E-06	7.05E-07	1.01E-06	1.60E-06	2.82E-07	2.42E-06	9.34E-06
1181	489435.89	3858826.54	1.12E-02	1.20E-02	1.81E-02	3.88E-06	1.17E-05	6.78E-06	7.27E-06	6.59E-06	3.01E-06	4.54E-06	1.29E-07	3.13E-06	6.90E-07	9.86E-07	1.56E-06	2.76E-07	2.38E-06	9.16E-06
1182	489485.89	3858826.54	1.10E-02	1.18E-02	1.79E-02	3.80E-06	1.15E-05	6.64E-06	7.13E-06	6.46E-06	2.95E-06	4.47E-06	1.27E-07	3.07E-06	6.76E-07	9.68E-07	1.53E-06	2.71E-07	2.35E-06	8.99E-06
1183	489535.89	3858826.54	1.08E-02	1.16E-02	1.76E-02	3.73E-06	1.13E-05	6.52E-06	7.00E-06	6.34E-06	2.89E-06	4.41E-06	1.25E-07	3.01E-06	6.64E-07	9.50E-07	1.51E-06	2.66E-07	2.31E-06	8.83E-06
1184	489585.89	3858826.54	1.06E-02	1.14E-02	1.74E-02	3.67E-06	1.11E-05	6.41E-06	6.88E-06	6.24E-06	2.85E-06	4.35E-06	1.22E-07	2.96E-06	6.52E-07	9.34E-07	1.48E-06	2.61E-07	2.28E-06	8.69E-06
1185	489635.89	3858826.54	1.04E-02	1.12E-02	1.72E-02	3.61E-06	1.09E-05	6.30E-06	6.77E-06	6.14E-06	2.80E-06	4.29E-06	1.20E-07	2.91E-06	6.42E-07	9.19E-07	1.46E-06	2.57E-07	2.25E-06	8.56E-06
1186	489685.89	3858826.54	1.02E-02	1.10E-02	1.69E-02	3.55E-06	1.07E-05	6.20E-06	6.66E-06	6.04E-06	2.76E-06	4.24E-06	1.18E-07	2.86E-06	6.32E-07	9.05E-07	1.44E-06	2.53E-07	2.22E-06	8.43E-06
1187	489735.89	3858826.54	1.01E-02	1.09E-02	1.67E-02	3.49E-06	1.06E-05	6.11E-06	6.57E-06	5.95E-06	2.72E-06	4.19E-06	1.17E-07	2.82E-06	6.22E-07	8.91E-07	1.41E-06	2.49E-07	2.20E-06	8.31E-06
1188	489785.89	3858826.54	9.94E-03	1.07E-02	1.65E-02	3.44E-06	1.04E-05	6.02E-06	6.47E-06	5.87E-06	2.68E-06	4.13E-06	1.15E-07	2.78E-06	6.13E-07	8.78E-07	1.39E-06	2.46E-07	2.17E-06	8.19E-06
1189	489835.89	3858826.54	9.80E-03	1.05E-02	1.63E-02	3.39E-06	1.02E-05	5.93E-06	6.38E-06	5.78E-06	2.64E-06	4.09E-06	1.13E-07	2.74E-06	6.04E-07	8.66E-07	1.37E-06	2.42E-07	2.14E-06	8.08E-06
1190	489885.89	3858826.54	9.67E-03	1.04E-02	1.61E-02	3.35E-06	1.01E-05	5.85E-06	6.29E-06	5.70E-06	2.60E-06	4.04E-06	1.12E-07	2.70E-06	5.96E-07	8.54E-07	1.36E-06	2.39E-07	2.12E-06	7.97E-06
1191	489935.89	3858826.54	9.53E-03	1.03E-02	1.59E-02	3.30E-06	9.96E-06	5.77E-06	6.21E-06	5.63E-06	2.57E-06	3.99E-06	1.10E-07	2.66E-06	5.87E-07	8.43E-07	1.34E-06	2.36E-07	2.09E-06	7.87E-06
1192	489985.89	3858826.54	9.41E-03	1.01E-02	1.58E-02	3.26E-06	9.83E-06	5.69E-06	6.13E-06	5.55E-06	2.53E-06	3.94E-06	1.09E-07	2.63E-06	5.80E-07	8.32E-07	1.32E-06	2.33E-07	2.07E-06	7.77E-06
1193	490035.89	3858826.54	9.29E-03	1.00E-02	1.56E-02	3.21E-06	9.71E-06	5.62E-06	6.05E-06	5.48E-06	2.50E-06	3.90E-06	1.07E-07	2.59E-06	5.72E-07	8.21E-07	1.30E-06	2.30E-07	2.05E-06	7.67E-06
1194	489285.89	3858876.54	1.12E-02	1.20E-02	1.78E-02	3.89E-06	1.18E-05	6.80E-06	7.28E-06	6.60E-06	3.01E-06	4.46E-06	1.30E-07	3.14E-06	6.93E-07	9.88E-07	1.57E-06	2.76E-07	2.34E-06	9.14E-06
1195	489335.89	3858876.54	1.10E-02	1.17E-02	1.75E-02	3.80E-06	1.15E-05	6.64E-06	7.11E-06	6.44E-06	2.94E-06	4.39E-06	1.27E-07	3.06E-06	6.76E-07	9.65E-07	1.53E-06	2.70E-07	2.30E-06	8.94E-06
1196	489385.89	3858876.54	1.07E-02	1.15E-02	1.73E-02	3.72E-06	1.12E-05	6.50E-06	6.96E-06	6.31E-06	2.88E-06	4.32E-06	1.24E-07	3.00E-06	6.62E-07	9.45E-07	1.50E-06	2.64E-07	2.27E-06	8.76E-06
1197	489435.89	3858876.54	1.05E-02	1.13E-02	1.70E-02	3.65E-06	1.10E-05	6.37E-06	6.83E-06	6.19E-06	2.82E-06	4.26E-06	1.22E-07	2.94E-06	6.49E-07	9.27E-07	1.47E-06	2.59E-07	2.24E-06	8.61E-06
1198	489485.89	3858876.54	1.03E-02	1.11E-02	1.68E-02	3.58E-06	1.08E-05	6.26E-06	6.71E-06	6.08E-06	2.78E-06	4.21E-06	1.20E-07	2.89E-06	6.37E-07	9.11E-07	1.45E-06	2.55E-07	2.21E-06	8.46E-06
1199	489535.89	3858876.54	1.02E-02	1.09E-02	1.66E-02	3.52E-06	1.06E-05	6.15E-06	6.60E-06	5.98E-06	2.73E-06	4.15E-06	1.18E-07	2.84E-06	6.26E-07	8.96E-07	1.42E-06	2.51E-07	2.18E-06	8.33E-06
1200	489585.89	3858876.54	1.00E-02	1.07E-02	1.64E-02	3.46E-06	1.05E-05	6.05E-06	6.50E-06	5.89E-06	2.69E-06	4.11E-06	1.16E-07	2.79E-06	6.17E-07	8.83E-07	1.40E-06	2.47E-07	2.16E-06	8.21E-06
1201	489635.89	3858876.54	9.86E-03	1.06E-02	1.62E-02	3.41E-06	1.03E-05	5.96E-06	6.41E-06	5.81E-06	2.65E-06	4.06E-06	1.14E-07	2.75E-06	6.07E-07	8.70E-07	1.38E-06	2.43E-07	2.13E-06	8.10E-06
1202	489685.89	3858876.54	9.71E-03	1.04E-02	1.60E-02	3.36E-06	1.02E-05	5.88E-06	6.32E-06	5.73E-06	2.61E-06	4.01E-06	1.12E-07	2.71E-06	5.98E-07	8.57E-07	1.36E-06	2.40E-07	2.11E-06	7.99E-06
1203	489735.89	3858876.54	9.58E-03	1.03E-02	1.59E-02	3.32E-06	1.00E-05	5.80E-06	6.23E-06	5.65E-06	2.58E-06	3.97E-06	1.11E-07	2.67E-06	5.90E-07	8.46E-07	1.34E-06	2.37E-07	2.08E-06	7.88E-06
1204	489785.89	3858876.54	9.45E-03	1.02E-02	1.57E-02	3.27E-06	9.88E-06	5.72E-06	6.15E-06	5.57E-06	2.54E-06	3.93E-06	1.09E-07	2.64E-06	5.82E-07	8.35E-07	1.32E-06	2.33E-07	2.06E-06	7.78E-06
1205	489835.89	3858876.54	9.33E-03	1.00E-02	1.55E-02	3.23E-06	9.75E-06	5.64E-06	6.07E-06	5.50E-06	2.51E-06	3.88E-06	1.08E-07	2.60E-06	5.75E-07	8.24E-07	1.31E-06	2.30E-07	2.04E-06	7.69E-06
1206	489885.89	3858876.54	9.21E-03	9.90E-03	1.53E-02	3.19E-06	9.62E-06	5.57E-06	5.99E-06	5.43E-06	2.48E-06	3.84E-06	1.06E-07	2.57E-06	5.67E-07	8.14E-07	1.29E-06	2.27E-07	2.02E-06	7.59E-06
1207	489935.89	3858876.54	9.09E-03	9.78E-03	1.52E-02	3.15E-06	9.50E-06	5.50E-06	5.92E-06	5.37E-06	2.45E-06	3.80E-06	1.05E-07	2.54E-06	5.60E-07	8.04E-07	1.27E-06	2.25E-07	1.99E-06	7.50E-06
1208	489985.89	3858876.54	8.98E-03	9.67E-03	1.50E-02	3.11E-06	9.39E-06	5.43E-06	5.85E-06	5.30E-06	2.42E-06	3.76E-06	1.04E-07	2.51E-06	5.53E-07	7.94E-07	1.26E-06	2.22E-07	1.97E-06	7.42E-06
1209	490035.89	3858876.54	8.88E-03	9.55E-03	1.49E-02	3.07E-06	9.28E-06	5.37E-06	5.78E-06	5.24E-06	2.39E-06	3.72E-06	1.03E-07	2.48E-06	5.47E-07	7.85E-07	1.25E-06	2.19E-07	1.95E-06	7.33E-06
1210	489285.89	3858926.54	1.04E-02	1.11E-02	1.65E-02	3.60E-06	1.09E-05	6.29E-06	6.73E-06	6.10E-06	2.78E-06	4.14E-06	1.20E-07	2.90E-06	6.41E-07	9.14E-07	1.45E-06	2.56E-07	2.17E-06	8.46E-06
1211	489335.89	3858926.54	1.02E-02	1.09E-02	1.63E-02	3.53E-06	1.07E-05	6.17E-06	6.61E-06	5.99E-06	2.73E-06	4.09E-06	1.18E-07	2.85E-06	6.28E-07	8.97E-07	1.42E-06	2.51E-07	2.14E-06	8.31E-06
1212	489385.89	3858926.54	1.00E-02	1.07E-02	1.61E-02	3.47E-06	1.05E-05	6.06E-06	6.49E-06	5.89E-06	2.69E-06	4.04E-06	1.16E-07	2.80E-06	6.17E-07	8.82E-07	1.40E-06	2.46E-07	2.12E-06	8.18E-06
1213	489435.89	3858926.54	9.85E-03	1.06E-02	1.60E-02	3.41E-06	1.03E-05	5.96E-06	6.39E-06	5.79E-06	2.64E-06	3.99E-06	1.14E-07	2.75E-06	6.07E-07	8.67E-07	1.38E-06	2.43E-07	2.10E-06	8.05E-06
1214	489485.89	3858926.54	9.70E-03	1.04E-02	1.58E-02	3.36E-06	1.01E-05	5.87E-06	6.29E-06	5.71E-06	2.60E-06	3.95E-06	1.12E-07	2.71E-06	5.98E-07	8.55E-07	1.36E-06	2.39E-07	2.07E-06	7.94E-06
1215	489535.89	3858926.54	9.56E-03	1.03E-02	1.56E-02	3.31E-06	9.99E-06	5.78E-06	6.21E-06	5.63E-06	2.57E-06	3.91E-06	1.10E-07	2.67E-06	5.89E-07	8.43E-07	1.34E-06	2.36E-07	2.05E-06	7.83E-06
1216	489585.89	3858926.54	9.43E-03	1.01E-02	1.55E-02	3.26E-06	9.85E-06	5.70E-06	6.12E-06	5.55E-06	2.53E-06	3.87E-06	1.09E-07	2.63E-06	5.81E-07	8.31E-07	1.32E-06	2.32E-07	2.03E-06	7.74E-06
1217	489635.89	3858926.54	9.30E-03	9.99E-03	1.53E-02	3.22E-06	9.72E-06	5.63E-06	6.05E-06	5.48E-06	2.50E-06	3.83E-06	1.08E-07	2.60E-06	5.73E-07	8.21E-07	1.30E-06	2.30E-07	2.01E-06	7.64E-06
1218	489685.89	3858926.54	9.19E-03	9.87E-03	1.52E-02	3.18E-06	9.60E-06	5.56E-06	5.97E-06	5.41E-06	2.47E-06	3.80E-06	1.06E-07	2.56E-06	5.66E-07	8.11E-07	1.29E-06	2.27E-07	1.99E-06	7.55E-06
1219	489735.89	3858926.54	9.07E-03	9.75E-03	1.50E-02	3.14E-06	9.48E-06	5.49E-06	5.90E-06	5.35E-06	2.44E-06	3.76E-06	1.05E-07	2.53E-06	5.59E-07	8.01E-07	1.27E-06	2.24E-07	1.97E-06	7.46E-06
1220	489785.89	3858926.54	8.96E-03	9.64E-03	1.49E-02	3.10E-06	9.37E-06	5.42E-06	5.83E-06	5.29E-06	2.41E-06	3.72E-06	1.04E-07	2.50E-06	5.52E-07	7.92E-07	1.26E-06	2.21E-07	1.95E-06	7.38E-06
1221	489835.89	3858926.54	8.86E-03	9.53E-03	1.47E-02	3.07E-06	9.26E-06	5.36E-06	5.76E-06	5.23E-06	2.38E-06	3.69E-06	1.02E-07	2.47E-06	5.46E-07	7.83E-07	1.24E-06	2.19E-07	1.93E-06	7.30E-06
1222	489885.89	3858926.54	8.76E-03	9.42E-03	1.46E-02	3.03E-06	9.15E-06	5.30E-06	5.70E-06	5.17E-06	2.36E-06	3.65E-06	1.01E-07	2.44E-06	5.39E-07	7.74E-07	1.23E-06	2.16E-07	1.92E-06	7.22E-06
1223	489935.89	3858926.54	8.66E-03	9.32E-03	1.45E-02	3.00E-06	9.05E-06	5.24E-06	5.64E-06	5.11E-06	2.33E-06	3.62E-06	1.00E-07	2.42E-06	5.33E-07	7.65E-07	1.21E-06	2.14E-07	1.90E-06	7.14E-06
1224	489985.89	3858926.54	8.56E-03	9.22E-03	1.43E-02	2.96E-06	8.95E-06	5.18E-06	5.58E-06	5.06E-06	2.31E-06	3.59E-06	9.90E-08	2.39E-06	5.28E-07	7.57E-07	1.20E-06	2.12E-07	1.88E-06	7.07E-06
1225	490035.89	3858926.54	8.47E-03	9.12E-03	1.42E-02	2.93E-06	8.86E-06	5.13E-06	5.52E-06	5.00E-06	2.28E-06	3.56E-06	9.80E-08	2.37E-06	5.22E-07	7.49E-07	1.19E-06	2.10E-07	1.87E-06	7.00E-06
1226	489335.89	3858976.54	9.41E-03	1.01E-02	1.51E-02	3.26E-06	9.84E-06	5.70E-06	6.10E-06	5.53E-06	2.52E-06	3.79E-06	1.09E-07	2.63E-06	5.80E-07	8.29E-07	1.31E-06	2.32E-07	1.99E-06	7.68E-06
1227	489385.89	3858976.54	9.29E-03	9.96E-03	1.50E-02	3.22E-06	9.71E-06	5.62E-06	6.03E-06	5.46E-06	2.49E-06	3.76E-06	1.07E-07	2.59E-06	5.73E-07	8.18E-07	1.30E-06	2.29E-07	1.97E-06	7.59E-06
1228	489435.89	3858976.54	9.17E-03	9.84E-03	1.49E-02	3.18E-06	9.59E-06	5.55E-06	5.95E-06	5.40E-06	2.46E-06	3.73E-06	1.06E-07	2.56E-06	5.65E-07	8.08E-07	1.28E-06	2.26E-07	1.96E-06	7.51E-06
1229	489485.89	3858976.54	9.06E-03	9.73E-03	1.48E-02	3.14E-06	9.47E-06	5.48E-06	5.89E-06	5.34E-06	2.43E-06	3.70E-06	1.05E-07	2.53E-06	5.59E-07	7.99E-07	1.27E-06	2.23E-07	1.94E-06	7.43E-06
1230	489535.89	3858976.54	8.96E-03	9.62E-03	1.47E-02	3.10E-06	9.37E-06	5.42E-06	5.82E-06	5.28E-06	2.41E-06	3.67E-06	1.04E-07	2.50E-06	5.52E-07	7.90E-07	1.25E-06	2.21E-07	1.93E-06	7.35E-06
1231	489585.89	3858976.54	8.86E-03	9.51E-03	1.46E-02	3.07E-06	9.26E-06	5.36E-06	5.76E-06	5.22E-06	2.38E-06	3.64E-06	1.02E-07	2.47E-06	5.46E-07	7.82E-07	1.24E-06	2.19E-07	1.91E-06	7.27E-06
1232	489635.89	3858976.54	8.76E-03	9.41E-03	1.44E-02	3.03E-06	9.16E-06	5.30E-06	5.70E-06	5.16E-06	2.36E-06	3.61E-06	1.01E-07	2.45E-06	5.40E-07	7.73E-07	1.23E-06	2.16E-07	1.90E-06	7.20E-06
1233	489685.89	3858976.54	8.67E-03	9.32E-03	1.43E-02	3.00E-06	9.06E-06	5.25E-06	5.64E-06	5.11E-06	2.33E-06	3.59E-06	1.00E-07	2.42E-06	5.34E-07	7.65E-07	1.21E-06	2.14E-07	1.88E-06	7.13E-06
1234	489735.89	3858976.54	8.58E-03	9.22E-03	1.42E-02	2.97E-06	8.97E-06	5.19E-06	5.58E-06	5.06E-06	2.31E-06	3.56E-06	9.92E-08	2.40E-06	5.29E-07	7.58E-07	1.20E-06	2.12E-07	1.87E-06	7.06E-06
1235	489785.89	3858976.54	8.49E-03	9.13E-03	1.41E-02	2.94E-06	8.87E-06	5.14E-06	5.52E-06	5.01E-06	2.28E-06	3.53E-06	9.81E-08	2.37E-06	5.23E-07	7.50E-07	1.19E-06	2.10E-07	1.85E-06	6.99E-06
1236	489835.89	3858976.54	8.40E-03	9.03E-03	1.40E-02	2.91E-06	8.78E-06	5.08E-06	5.47E-06	4.96E-06	2.26E-06	3.50E-06	9.71E-08	2.35E-06	5.18E-07	7.42E-07	1.18E-06	2.08E-07	1.84E-06	6.92E-06
1237	489885.89	3858976.54	8.32E-03	8.95E-03	1.39E-02	2.88E-06	8.70E-06	5.03E-06	5.42E-06	4.91E-06	2.24E-06	3.47E-06	9.62E-08	2.32E-06	5.13E-07	7.35E-07	1.17E-06	2.06E-07	1.82E-06	6.86E-06
1238	489935.89	3858976.54	8.24E-03	8.87E-03	1.38E-02	2.85E-06	8.61E-06	4.98E-06	5.36E-06	4.86E-06	2.22E-06	3.44E-06	9.52E-08	2.30E-06	5.08E-07	7.28E-07	1.16E-06	2.04E-07	1.81E-06	6.80E-06
1239	489985.89	3858976.54	8.16E-03	8.78E-03	1.36E-02	2.82E-06	8.53E-06	4.94E-06	5.31E-06	4.82E-06	2.20E-06	3.42E-06	9.43E-08	2.28E-06	5.03E-07	7.21E-07	1.14E-06	2.02E-07	1.79E-06	6.74E-06
1240	490035.89	3858976.54	8.09E-03	8.71E-03	1.36E-02	2.80E-06	8.45E-06	4.89E-06	5.27E-06	4.78E-06	2.18E-06	3.40E-06	9.35E-08	2.26E-06	4.98E-07	7.15E-07	1.13E-06	2.00E-07	1.78E-06	6.68E-06
1241	489385.89	3859026.54	8.60E-03	9.22E-03	1.40E-02	2.98E-06	8.99E-06	5.20E-06	5.58E-06	5.06E-06	2.31E-06	3.50E-06	9.94E-08	2.40E-06	5.30E-07	7.57E-07	1.20E-06	2.12E-07	1.84E-06	7.04E-06
1242	489435.89	3859026.54	8.53E-03	9.15E-03	1.39E-02	2.95E-06	8.91E-06	5.16E-06	5.54E-06	5.02E-06	2.29E-06	3.48E-06	9.86E-08	2.38E-06	5.25E-07	7.52E-07	1.19E-06	2.10E-07	1.83E-06	6.99E-06
1243	489485.89	3859026.54	8.46E-03	9.08E-03	1.38E-02	2.93E-06	8.84E-06	5.12E-06	5.49E-06	4.98E-06	2.27E-06	3.46E-06	9.77E-08	2.36E-06	5.21E-07	7.46E-07	1.18E-06	2.08E-07	1.82E-06	6.94E-06
1244	489535.89	3859026.54	8.38E-03	9.00E-03	1.38E-02	2.90E-06	8.76E-06	5.07E-06	5.45E-06	4.94E-06	2.25E-06	3.45E-06	9.69E-08	2.34E-06	5.17E-07	7.40E-07	1.17E-06	2.07E-07	1.81E-06	6.88E-06
1245	489585.89	3859026.54	8.31E-03	8.93E-03	1.37E-02	2.88E-06	8.69E-06	5.03E-06	5.40E-06	4.90E-06	2.24E-06	3.43E-06	9.61E-08	2.32E-06	5.12E-07	7.34E-07	1.16E-06	2.05E-07	1.80E-06	6.83E-06
1246	489635.89	3859026.54	8.24E-03	8.86E-03	1.36E-02	2.85E-06	8.61E-06	4.99E-06	5.36E-06	4.86E-06	2.22E-06	3.41E-06	9.53E-08	2.30E-06	5.08E-07	7.28E-07	1.15E-06	2.03E-07	1.79E-06	6.78E-06
1247	489685.89	3859026.54	8.17E-03	8.78E-03	1.35E-02	2.83E-06	8.54E-06	4.94E-06	5.31E-06	4.82E-06	2.20E-06	3.38E-06	9.45E-08	2.28E-06	5.03E-07	7.22E-07	1.14E-06	2.02E-07	1.78E-06	6.72E-06
1248	489735.89	3859026.54	8.10E-03	8.71E-03	1.34E-02	2.80E-06	8.47E-06	4.90E-06	5.27E-06	4.78E-06	2.18E-06	3.36E-06	9.36E-08	2.26E-06	4.99E-07	7.15E-07	1.13E-06	2.00E-07	1.76E-06	6.67E-06
1249	489785.89	3859026.54	8.03E-03	8.63E-03	1.33E-02	2.78E-06	8.39E-06	4.86E-06	5.22E-06	4.74E-06	2.16E-06	3.34E-06	9.28E-08	2.24E-06	4.95E-07	7.09E-07	1.13E-06	1.98E-07	1.75E-06	6.61E-06
1250	489835.89	3859026.54	7.96E-03	8.57E-03	1.33E-02	2.76E-06	8.33E-06	4.82E-06	5.18E-06	4.70E-06	2.14E-06	3.32E-06	9.21E-08	2.22E-06	4.91E-07	7.04E-07	1.12E-06	1.97E-07	1.74E-06	6.57E-06
1251	489885.89	3859026.54	7.90E-03	8.50E-03	1.32E-02	2.73E-06	8.26E-06	4.78E-06	5.14E-06	4.66E-06	2.13E-06	3.30E-06	9.13E-08	2.21E-06	4.87E-07	6.98E-07	1.11E-06	1.95E-07	1.73E-06	6.51E-06
1252	489935.89	3859026.54	7.83E-03	8.43E-03	1.31E-02	2.71E-06	8.19E-06	4.74E-06	5.10E-06	4.62E-06	2.11E-06	3.28E-06	9.05E-08	2.19E-06	4.83E-07	6.92E-07	1.10E-06	1.94E-07	1.72E-06	6.46E-06
1253	489985.89	3859026.54	7.77E-03	8.36E-03	1.30E-02	2.69E-06	8.12E-06	4.70E-06	5.06E-06	4.59E-06	2.09E-06	3.25E-06	8.98E-08	2.17E-06	4.79E-07	6.87E-07	1.09E-06	1.92E-07	1.71E-06	6.41E-06

1254	490035.89	3859026.54	7.71E-03	8.30E-03	1.29E-02	2.67E-06	8.06E-06	4.66E-06	5.02E-06	4.55E-06	2.08E-06	3.24E-06	8.91E-08	2.15E-06	4.75E-07	6.82E-07	1.08E-06	1.91E-07	1.70E-06	6.37E-06
1255	489485.89	3859076.54	7.88E-03	8.46E-03	1.29E-02	2.73E-06	8.23E-06	4.77E-06	5.12E-06	4.64E-06	2.12E-06	3.24E-06	9.11E-08	2.20E-06	4.85E-07	6.95E-07	1.10E-06	1.94E-07	1.70E-06	6.47E-06
1256	489535.89	3859076.54	7.84E-03	8.42E-03	1.29E-02	2.71E-06	8.19E-06	4.74E-06	5.09E-06	4.62E-06	2.11E-06	3.23E-06	9.06E-08	2.19E-06	4.83E-07	6.92E-07	1.10E-06	1.93E-07	1.70E-06	6.44E-06
1257	489585.89	3859076.54	7.79E-03	8.37E-03	1.29E-02	2.70E-06	8.15E-06	4.72E-06	5.07E-06	4.59E-06	2.10E-06	3.22E-06	9.01E-08	2.18E-06	4.80E-07	6.88E-07	1.09E-06	1.92E-07	1.69E-06	6.41E-06
1258	489635.89	3859076.54	7.74E-03	8.32E-03	1.28E-02	2.68E-06	8.09E-06	4.69E-06	5.04E-06	4.57E-06	2.08E-06	3.21E-06	8.95E-08	2.16E-06	4.77E-07	6.84E-07	1.08E-06	1.91E-07	1.68E-06	6.37E-06
1259	489685.89	3859076.54	7.69E-03	8.27E-03	1.28E-02	2.66E-06	8.04E-06	4.66E-06	5.00E-06	4.54E-06	2.07E-06	3.19E-06	8.89E-08	2.15E-06	4.74E-07	6.79E-07	1.08E-06	1.90E-07	1.68E-06	6.33E-06
1260	489735.89	3859076.54	7.64E-03	8.22E-03	1.27E-02	2.65E-06	7.99E-06	4.62E-06	4.97E-06	4.51E-06	2.06E-06	3.18E-06	8.83E-08	2.13E-06	4.71E-07	6.75E-07	1.07E-06	1.89E-07	1.67E-06	6.30E-06
1261	489785.89	3859076.54	7.59E-03	8.16E-03	1.26E-02	2.63E-06	7.93E-06	4.59E-06	4.94E-06	4.48E-06	2.04E-06	3.16E-06	8.77E-08	2.12E-06	4.68E-07	6.71E-07	1.06E-06	1.88E-07	1.66E-06	6.26E-06
1262	489835.89	3859076.54	7.54E-03	8.11E-03	1.26E-02	2.61E-06	7.88E-06	4.56E-06	4.91E-06	4.45E-06	2.03E-06	3.15E-06	8.72E-08	2.11E-06	4.65E-07	6.66E-07	1.06E-06	1.86E-07	1.65E-06	6.22E-06
1263	489885.89	3859076.54	7.49E-03	8.06E-03	1.25E-02	2.59E-06	7.83E-06	4.53E-06	4.88E-06	4.42E-06	2.02E-06	3.13E-06	8.66E-08	2.09E-06	4.62E-07	6.62E-07	1.05E-06	1.85E-07	1.64E-06	6.18E-06
1264	489935.89	3859076.54	7.44E-03	8.01E-03	1.24E-02	2.58E-06	7.78E-06	4.50E-06	4.84E-06	4.39E-06	2.00E-06	3.11E-06	8.60E-08	2.08E-06	4.58E-07	6.58E-07	1.04E-06	1.84E-07	1.63E-06	6.14E-06
1265	489985.89	3859076.54	7.39E-03	7.95E-03	1.24E-02	2.56E-06	7.72E-06	4.47E-06	4.81E-06	4.36E-06	1.99E-06	3.10E-06	8.54E-08	2.06E-06	4.55E-07	6.53E-07	1.04E-06	1.83E-07	1.63E-06	6.10E-06
1266	490035.89	3859076.54	7.35E-03	7.91E-03	1.23E-02	2.54E-06	7.68E-06	4.44E-06	4.79E-06	4.34E-06	1.98E-06	3.09E-06	8.49E-08	2.05E-06	4.53E-07	6.50E-07	1.03E-06	1.82E-07	1.62E-06	6.07E-06
1267	489585.89	3859126.54	7.30E-03	7.85E-03	1.21E-02	2.53E-06	7.63E-06	4.42E-06	4.75E-06	4.30E-06	1.96E-06	3.03E-06	8.44E-08	2.04E-06	4.50E-07	6.45E-07	1.02E-06	1.80E-07	1.59E-06	6.01E-06
1268	489635.89	3859126.54	7.27E-03	7.82E-03	1.21E-02	2.52E-06	7.60E-06	4.40E-06	4.73E-06	4.29E-06	1.96E-06	3.02E-06	8.41E-08	2.03E-06	4.48E-07	6.42E-07	1.02E-06	1.80E-07	1.58E-06	5.99E-06
1269	489685.89	3859126.54	7.24E-03	7.79E-03	1.20E-02	2.51E-06	7.57E-06	4.38E-06	4.71E-06	4.27E-06	1.95E-06	3.01E-06	8.37E-08	2.02E-06	4.46E-07	6.40E-07	1.01E-06	1.79E-07	1.58E-06	5.97E-06
1270	489735.89	3859126.54	7.21E-03	7.75E-03	1.20E-02	2.50E-06	7.53E-06	4.36E-06	4.69E-06	4.25E-06	1.94E-06	3.00E-06	8.33E-08	2.01E-06	4.44E-07	6.37E-07	1.01E-06	1.78E-07	1.58E-06	5.94E-06
1271	489785.89	3859126.54	7.17E-03	7.72E-03	1.20E-02	2.48E-06	7.50E-06	4.34E-06	4.67E-06	4.23E-06	1.93E-06	2.99E-06	8.29E-08	2.00E-06	4.42E-07	6.34E-07	1.01E-06	1.77E-07	1.57E-06	5.91E-06
1272	489835.89	3859126.54	7.14E-03	7.68E-03	1.19E-02	2.47E-06	7.46E-06	4.32E-06	4.65E-06	4.21E-06	1.92E-06	2.98E-06	8.25E-08	1.99E-06	4.40E-07	6.31E-07	1.00E-06	1.76E-07	1.56E-06	5.89E-06
1273	489885.89	3859126.54	7.10E-03	7.64E-03	1.19E-02	2.46E-06	7.42E-06	4.30E-06	4.62E-06	4.19E-06	1.91E-06	2.97E-06	8.21E-08	1.98E-06	4.38E-07	6.28E-07	9.96E-07	1.76E-07	1.56E-06	5.86E-06
1274	489935.89	3859126.54	7.06E-03	7.60E-03	1.18E-02	2.45E-06	7.38E-06	4.27E-06	4.60E-06	4.17E-06	1.90E-06	2.96E-06	8.17E-08	1.97E-06	4.35E-07	6.25E-07	9.91E-07	1.75E-07	1.55E-06	5.83E-06
1275	489985.89	3859126.54	7.03E-03	7.57E-03	1.18E-02	2.43E-06	7.35E-06	4.25E-06	4.58E-06	4.15E-06	1.89E-06	2.95E-06	8.13E-08	1.96E-06	4.33E-07	6.22E-07	9.86E-07	1.74E-07	1.55E-06	5.81E-06
1276	490035.89	3859126.54	6.99E-03	7.53E-03	1.17E-02	2.42E-06	7.31E-06	4.23E-06	4.56E-06	4.13E-06	1.88E-06	2.94E-06	8.08E-08	1.95E-06	4.31E-07	6.19E-07	9.81E-07	1.73E-07	1.54E-06	5.78E-06
1277	489585.89	3859176.54	6.84E-03	7.36E-03	1.14E-02	2.37E-06	7.15E-06	4.14E-06	4.45E-06	4.04E-06	1.84E-06	2.84E-06	7.91E-08	1.91E-06	4.22E-07	6.04E-07	9.59E-07	1.69E-07	1.49E-06	5.64E-06
1278	489635.89	3859176.54	6.83E-03	7.35E-03	1.14E-02	2.36E-06	7.14E-06	4.13E-06	4.45E-06	4.03E-06	1.84E-06	2.84E-06	7.90E-08	1.91E-06	4.21E-07	6.04E-07	9.57E-07	1.69E-07	1.49E-06	5.63E-06
1279	489685.89	3859176.54	6.81E-03	7.33E-03	1.13E-02	2.36E-06	7.12E-06	4.12E-06	4.44E-06	4.02E-06	1.83E-06	2.84E-06	7.88E-08	1.90E-06	4.20E-07	6.02E-07	9.55E-07	1.68E-07	1.49E-06	5.62E-06
1280	489735.89	3859176.54	6.80E-03	7.31E-03	1.13E-02	2.35E-06	7.10E-06	4.11E-06	4.42E-06	4.01E-06	1.83E-06	2.83E-06	7.86E-08	1.90E-06	4.19E-07	6.01E-07	9.53E-07	1.68E-07	1.49E-06	5.60E-06
1281	489785.89	3859176.54	6.78E-03	7.29E-03	1.13E-02	2.35E-06	7.08E-06	4.10E-06	4.41E-06	4.00E-06	1.83E-06	2.83E-06	7.83E-08	1.89E-06	4.18E-07	5.99E-07	9.50E-07	1.67E-07	1.49E-06	5.59E-06
1282	489835.89	3859176.54	6.75E-03	7.27E-03	1.13E-02	2.34E-06	7.06E-06	4.09E-06	4.40E-06	3.99E-06	1.82E-06	2.83E-06	7.81E-08	1.89E-06	4.16E-07	5.97E-07	9.47E-07	1.67E-07	1.48E-06	5.57E-06
1283	489885.89	3859176.54	6.73E-03	7.25E-03	1.13E-02	2.33E-06	7.04E-06	4.07E-06	4.38E-06	3.97E-06	1.81E-06	2.82E-06	7.78E-08	1.88E-06	4.15E-07	5.95E-07	9.44E-07	1.66E-07	1.48E-06	5.56E-06
1284	489935.89	3859176.54	6.70E-03	7.22E-03	1.12E-02	2.32E-06	7.01E-06	4.06E-06	4.37E-06	3.96E-06	1.81E-06	2.81E-06	7.75E-08	1.87E-06	4.13E-07	5.93E-07	9.41E-07	1.66E-07	1.48E-06	5.54E-06
1285	489985.89	3859176.54	6.68E-03	7.20E-03	1.12E-02	2.31E-06	6.98E-06	4.04E-06	4.35E-06	3.95E-06	1.80E-06	2.81E-06	7.72E-08	1.87E-06	4.12E-07	5.91E-07	9.38E-07	1.65E-07	1.47E-06	5.52E-06
1286	490035.89	3859176.54	6.65E-03	7.16E-03	1.12E-02	2.30E-06	6.95E-06	4.02E-06	4.33E-06	3.93E-06	1.79E-06	2.80E-06	7.69E-08	1.86E-06	4.10E-07	5.88E-07	9.33E-07	1.65E-07	1.47E-06	5.50E-06
1287	489685.89	3859226.54	6.42E-03	6.90E-03	1.07E-02	2.22E-06	6.71E-06	3.88E-06	4.18E-06	3.79E-06	1.73E-06	2.68E-06	7.42E-08	1.79E-06	3.95E-07	5.67E-07	9.00E-07	1.59E-07	1.41E-06	5.29E-06
1288	489735.89	3859226.54	6.41E-03	6.90E-03	1.07E-02	2.22E-06	6.70E-06	3.88E-06	4.17E-06	3.78E-06	1.73E-06	2.68E-06	7.41E-08	1.79E-06	3.95E-07	5.66E-07	8.99E-07	1.58E-07	1.41E-06	5.29E-06
1289	489785.89	3859226.54	6.40E-03	6.89E-03	1.07E-02	2.22E-06	6.69E-06	3.87E-06	4.17E-06	3.78E-06	1.72E-06	2.68E-06	7.40E-08	1.79E-06	3.94E-07	5.66E-07	8.98E-07	1.58E-07	1.41E-06	5.28E-06
1290	489835.89	3859226.54	6.39E-03	6.88E-03	1.07E-02	2.21E-06	6.68E-06	3.87E-06	4.16E-06	3.77E-06	1.72E-06	2.68E-06	7.39E-08	1.79E-06	3.94E-07	5.65E-07	8.97E-07	1.58E-07	1.41E-06	5.28E-06
1291	489885.89	3859226.54	6.38E-03	6.87E-03	1.07E-02	2.21E-06	6.67E-06	3.86E-06	4.16E-06	3.77E-06	1.72E-06	2.68E-06	7.38E-08	1.78E-06	3.93E-07	5.64E-07	8.95E-07	1.58E-07	1.40E-06	5.27E-06
1292	489935.89	3859226.54	6.37E-03	6.85E-03	1.07E-02	2.20E-06	6.65E-06	3.85E-06	4.15E-06	3.76E-06	1.72E-06	2.67E-06	7.36E-08	1.78E-06	3.92E-07	5.63E-07	8.93E-07	1.57E-07	1.40E-06	5.26E-06
1293	489985.89	3859226.54	6.35E-03	6.84E-03	1.07E-02	2.20E-06	6.64E-06	3.84E-06	4.14E-06	3.75E-06	1.71E-06	2.67E-06	7.35E-08	1.77E-06	3.92E-07	5.62E-07	8.92E-07	1.57E-07	1.40E-06	5.25E-06
1294	490035.89	3859226.54	6.33E-03	6.82E-03	1.07E-02	2.19E-06	6.62E-06	3.83E-06	4.13E-06	3.74E-06	1.71E-06	2.67E-06	7.32E-08	1.77E-06	3.90E-07	5.60E-07	8.89E-07	1.57E-07	1.40E-06	5.24E-06
1295	489735.89	3859276.54	6.04E-03	6.51E-03	1.01E-02	2.09E-06	6.32E-06	3.66E-06	3.94E-06	3.57E-06	1.63E-06	2.53E-06	6.99E-08	1.69E-06	3.72E-07	5.34E-07	8.48E-07	1.49E-07	1.33E-06	4.99E-06
1296	489785.89	3859276.54	6.05E-03	6.51E-03	1.01E-02	2.09E-06	6.32E-06	3.66E-06	3.94E-06	3.57E-06	1.63E-06	2.53E-06	6.99E-08	1.69E-06	3.73E-07	5.35E-07	8.48E-07	1.49E-07	1.33E-06	4.99E-06
1297	489835.89	3859276.54	6.05E-03	6.51E-03	1.01E-02	2.09E-06	6.32E-06	3.66E-06	3.94E-06	3.57E-06	1.63E-06	2.54E-06	6.99E-08	1.69E-06	3.73E-07	5.35E-07	8.49E-07	1.50E-07	1.33E-06	5.00E-06
1298	489885.89	3859276.54	6.05E-03	6.51E-03	1.01E-02	2.09E-06	6.32E-06	3.66E-06	3.94E-06	3.57E-06	1.63E-06	2.54E-06	6.99E-08	1.69E-06	3.73E-07	5.35E-07	8.48E-07	1.50E-07	1.33E-06	5.00E-06
1299	489935.89	3859276.54	6.04E-03	6.51E-03	1.02E-02	2.09E-06	6.32E-06	3.66E-06	3.94E-06	3.57E-06	1.63E-06	2.54E-06	6.99E-08	1.69E-06	3.72E-07	5.35E-07	8.48E-07	1.49E-07	1.33E-06	5.00E-06
1300	489985.89	3859276.54	6.04E-03	6.51E-03	1.02E-02	2.09E-06	6.32E-06	3.66E-06	3.94E-06	3.57E-06	1.63E-06	2.55E-06	6.99E-08	1.69E-06	3.72E-07	5.35E-07	8.48E-07	1.49E-07	1.34E-06	5.00E-06
1301	490035.89	3859276.54	6.02E-03	6.49E-03	1.01E-02	2.09E-06	6.30E-06	3.65E-06	3.93E-06	3.56E-06	1.62E-06	2.54E-06	6.96E-08	1.68E-06	3.71E-07	5.33E-07	8.46E-07	1.49E-07	1.33E-06	4.98E-06
1302	490458.06	3859590.74	4.48E-03	4.83E-03	7.60E-03	1.55E-06	4.69E-06	2.71E-06	2.92E-06	2.65E-06	1.21E-06	1.90E-06	5.18E-08	1.25E-06	2.76E-07	3.97E-07	6.30E-07	1.11E-07	9.98E-07	3.72E-06
1303	490508.06	3859590.74	4.49E-03	4.85E-03	7.62E-03	1.56E-06	4.70E-06	2.72E-06	2.93E-06	2.66E-06	1.21E-06	1.91E-06	5.20E-08	1.26E-06	2.77E-07	3.98E-07	6.31E-07	1.11E-07	1.00E-06	3.73E-06
1304	490558.06	3859590.74	4.50E-03	4.85E-03	7.64E-03	1.56E-06	4.71E-06	2.72E-06	2.94E-06	2.66E-06	1.21E-06	1.91E-06	5.20E-08	1.26E-06	2.77E-07	3.99E-07	6.33E-07	1.11E-07	1.00E-06	3.73E-06
1305	490608.06	3859590.74	4.51E-03	4.86E-03	7.66E-03	1.56E-06	4.71E-06	2.73E-06	2.94E-06	2.67E-06	1.22E-06	1.92E-06	5.21E-08	1.26E-06	2.78E-07	3.99E-07	6.33E-07	1.12E-07	1.01E-06	3.74E-06
1306	490658.06	3859590.74	4.51E-03	4.86E-03	7.67E-03	1.56E-06	4.71E-06	2.73E-06	2.94E-06	2.67E-06	1.22E-06	1.92E-06	5.21E-08	1.26E-06	2.78E-07	4.00E-07	6.34E-07	1.12E-07	1.01E-06	3.74E-06
1307	490708.06	3859590.74	4.51E-03	4.86E-03	7.67E-03	1.56E-06	4.71E-06	2.73E-06	2.94E-06	2.67E-06	1.22E-06	1.92E-06	5.21E-08	1.26E-06	2.78E-07	4.00E-07	6.34E-07	1.12E-07	1.01E-06	3.74E-06
1308	490758.06	3859590.74	4.51E-03	4.86E-03	7.67E-03	1.56E-06	4.71E-06	2.73E-06	2.94E-06	2.67E-06	1.22E-06	1.92E-06	5.21E-08	1.26E-06	2.78E-07	3.99E-07	6.33E-07	1.12E-07	1.01E-06	3.74E-06
1309	490808.06	3859590.74	4.50E-03	4.85E-03	7.67E-03	1.56E-06	4.70E-06	2.72E-06	2.94E-06	2.66E-06	1.21E-06	1.92E-06	5.20E-08	1.26E-06	2.77E-07	3.99E-07	6.32E-07	1.11E-07	1.01E-06	3.74E-06
1310	490858.06	3859590.74	4.49E-03	4.84E-03	7.66E-03	1.55E-06	4.69E-06	2.72E-06	2.93E-06	2.66E-06	1.21E-06	1.92E-06	5.19E-08	1.25E-06	2.77E-07	3.98E-07	6.31E-07	1.11E-07	1.01E-06	3.73E-06
1311	490458.06	3859640.74	4.28E-03	4.62E-03	7.26E-03	1.48E-06	4.48E-06	2.59E-06	2.79E-06	2.53E-06	1.16E-06	1.82E-06	4.95E-08	1.20E-06	2.64E-07	3.79E-07	6.02E-07	1.06E-07	9.54E-07	3.55E-06
1312	490508.06	3859640.74	4.30E-03	4.63E-03	7.29E-03	1.49E-06	4.49E-06	2.60E-06	2.80E-06	2.54E-06	1.16E-06	1.82E-06	4.97E-08	1.20E-06	2.65E-07	3.81E-07	6.04E-07	1.06E-07	9.57E-07	3.56E-06
1313	490558.06	3859640.74	4.31E-03	4.65E-03	7.32E-03	1.49E-06	4.51E-06	2.61E-06	2.81E-06	2.55E-06	1.16E-06	1.83E-06	4.98E-08	1.20E-06	2.66E-07	3.82E-07	6.06E-07	1.07E-07	9.61E-07	3.57E-06
1314	490608.06	3859640.74	4.32E-03	4.66E-03	7.34E-03	1.50E-06	4.52E-06	2.62E-06	2.82E-06	2.56E-06	1.17E-06	1.84E-06	5.00E-08	1.21E-06	2.66E-07	3.83E-07	6.08E-07	1.07E-07	9.64E-07	3.59E-06
1315	490658.06	3859640.74	4.33E-03	4.67E-03	7.37E-03	1.50E-06	4.53E-06	2.62E-06	2.83E-06	2.56E-06	1.17E-06	1.84E-06	5.01E-08	1.21E-06	2.67E-07	3.84E-07	6.09E-07	1.07E-07	9.67E-07	3.59E-06
1316	490708.06	3859640.74	4.34E-03	4.68E-03	7.38E-03	1.50E-06	4.53E-06	2.62E-06	2.83E-06	2.57E-06	1.17E-06	1.85E-06	5.01E-08	1.21E-06	2.67E-07	3.84E-07	6.10E-07	1.07E-07	9.69E-07	3.60E-06
1317	490758.06	3859640.74	4.34E-03	4.68E-03	7.39E-03	1.50E-06	4.54E-06	2.63E-06	2.83E-06	2.57E-06	1.17E-06	1.85E-06	5.02E-08	1.21E-06	2.67E-07	3.85E-07	6.10E-07	1.08E-07	9.70E-07	3.60E-06
1318	490808.06	3859640.74	4.34E-03	4.68E-03	7.39E-03	1.50E-06	4.53E-06	2.62E-06	2.83E-06	2.57E-06	1.17E-06	1.85E-06	5.01E-08	1.21E-06	2.67E-07	3.84E-07	6.10E-07	1.07E-07	9.71E-07	3.60E-06
1319	490858.06	3859640.74	4.33E-03	4.67E-03	7.39E-03	1.50E-06	4.53E-06	2.62E-06	2.83E-06	2.56E-06	1.17E-06	1.85E-06	5.01E-08	1.21E-06	2.67E-07	3.84E-07	6.09E-07	1.07E-07	9.70E-07	3.60E-06
1320	490608.06	3859690.74	4.14E-03	4.47E-03	7.04E-03	1.43E-06	4.33E-06	2.51E-06	2.70E-06	2.45E-06	1.12E-06	1.76E-06	4.79E-08	1.16E-06	2.55E-07	3.67E-07	5.82E-07	1.03E-07	9.24E-07	3.44E-06
1321	490658.06	3859690.74	4.16E-03	4.49E-03	7.07E-03	1.44E-06	4.35E-06	2.52E-06	2.71E-06	2.46E-06	1.12E-06	1.77E-06	4.81E-08	1.16E-06	2.56E-07	3.68E-07	5.85E-07	1.03E-07	9.28E-07	3.45E-06
1322	490708.06	3859690.74	4.17E-03	4.50E-03	7.09E-03	1.44E-06	4.36E-06	2.52E-06	2.72E-06	2.47E-06	1.13E-06	1.77E-06	4.82E-08	1.16E-06	2.57E-07	3.69E-07	5.86E-07	1.03E-07	9.31E-07	3.46E-06
1323	490758.06	3859690.74	4.18E-03	4.50E-03	7.11E-03	1.45E-06	4.36E-06	2.53E-06	2.73E-06	2.47E-06	1.13E-06	1.78E-06	4.83E-08	1.17E-06	2.57E-07	3.70E-07	5.87E-07	1.03E-07	9.33E-07	3.47E-06
1324	490808.06	3859690.74	4.18E-03	4.51E-03	7.12E-03	1.45E-06	4.37E-06	2.53E-06	2.73E-06	2.47E-06	1.13E-06	1.78E-06	4.83E-08	1.17E-06	2.57E-07	3.70E-07	5.87E-07	1.04E-07	9.35E-07	3.47E-06
1325	490858.06	3859690.74	4.18E-03	4.51E-03	7.12E-03	1.45E-06	4.37E-06	2.53E-06	2.73E-06	2.47E-06	1.13E-06	1.78E-06	4.83E-08	1.17E-06	2.57E-07	3.70E-07	5.87E-07	1.03E-07	9.35E-07	3.47E-06
1326	490708.06	3859740.74	4.00E-03	4.32E-03	6.80E-03	1.39E-06	4.18E-06	2.42E-06	2.61E-06	2.37E-06	1.08E-06	1.70E-06	4.63E-08	1.12E-06	2.47E-07	3.55E-07	5.62E-07	9.91E-08	8.93E-07	3.32E-06
1327	490758.06	3859740.74	4.01E-03	4.32E-03	6.82E-03	1.39E-06	4.19E-06	2.43E-06	2.62E-06	2.37E-06	1.08E-06	1.71E-06	4.64E-08	1.12E-06	2.47E-07	3.55E-07	5.64E-07	9.93E-08	8.96E-07	3.33E-06
1328	490808.06	3859740.74	4.02E-03	4.33E-03	6.84E-03	1.39E-06	4.20E-06	2.43E-06	2.62E-06	2.38E-06	1.08E-06	1.71E-06	4.64E-08	1.12E-06	2.47E-07	3.56E-07	5.65E-07	9.95E-08	8.98E-07	3.33E-06
1329	490858.06	3859740.74	4.02E-03	4.34E-03	6.85E-03	1.39E-06	4.20E-06	2.43E-06	2.62E-06	2.38E-06	1.09E-06	1.71E-06	4.65E-08	1.12E-06	2.48E-07	3.56E-07	5.65E-07	9.96E-08	8.99E-07	3.34E-06
1330	490786.56	3859749.39	3.99E-03	4.30E-03	6.78E-03	1.38E-06	4.17E-06	2.41E-06	2.60E-06	2.36E-06	1.08E-06	1.70E-06	4.61E-08	1.11E-06	2.46E-07	3.53E-07	5.60E-07	9.87E-08	8.91E-07	3.31E-06
1331	490836.56	3859749.39	3.99E-03	4.31E-03	6.80E-03	1.38E-06	4.17E-06	2.42E-06	2.61E-06	2.36E-06	1.08E-06	1.70E-06	4.62E-08	1.11E-06	2.46E-07	3.54E-07	5.61E-07	9.89E-08	8.93E-07	3.31E-06
1332	490786.56	3859799.39	3.83E-03	4.13E-03	6.50E-03	1.32E-06	4.00E-06	2.31E-06	2.50E-06	2.26E-06	1.03E-06	1.63E-06	4.42E-08	1.07E-06	2.36E-07	3.39E-07	5.38E-07	9.47E-08	8.54E-07	3.17E-06
1333	490836.56	3859799.39	3.84E-03	4.14E-03	6.53E-03	1.33E-06	4.01E-06	2.32E-06	2.50E-06	2.27E-06	1.04E-06	1.63E-06	4.43E-08	1.07E-06	2.36E-07	3.40E-07	5.39E-07	9.50E-08	8.57E-07	3.18E-06
1334	492307.84	3854508.36	3.98E-03	4.30E-03	6.85E-03	1.38E-06	4.16E-06	2.41E-06	2.60E-06	2.36E-06	1.08E-06	1.72E-06	4.60E-08	1.11E-06	2.45E-07	3.53E-07	5.60E-07	9.88E-08	9.00E-07	3.32E-06
1335	486445.7	3854753.6	7.94E-03	8.57E-03	1.35E-02	2.75E-06	8.30E-06	4.81E-06	5.18E-06	4.70E-06	2.14E-06	3.39E-06	9.18E-08	2.22E-06	4.89E-07	7.04E-07	1.12E-06	1.97E-07	1.78E-06	6.60E-06
1336	472599.75	3877830.11	1.33E-04	1.44E-04	2.24E-04	4.61E-08	1.39E-07	8.07E-08	8.69E-08	7.88E-08	3.59E-08	5.62E-08	1.54E-09	3.72E-08	8.21E-09	1.18E-08	1.87E-08	3.30E-09	2.95E-08	1.10E-07
1337	493107.48	3866840.19	4.00E-04	4.31E-04	6.83E-04	1.38E-07	4.18E-07	2.42E-07	2.61E-07	2.37E-07	1.08E-07	1.71E-07	4.62E-09	1.12E-07	2.46E-08	3.54E-08	5.62E-08	9.90E-09	8.97E-08	3.32E-07
1338	495815.8	3861662.87	1.45E-03	1.57E-03	2.50E-03	5.03E-07	1.52E-06	8.78E-07	9.49E-07	8.60E-07	3.92E-07	6.25E-07	1.68E-08	4.05E-07	8.94E-08	1.29E-07	2.04E-07	3.60E-08	3.28E-07	1.21E-06
1339	480272.33	3841389.2	4.10E-05	4.42E-05	6.98E-05	1.42E-08	4.29E-08	2.48E-08	2.68E-08	2.43E-08	1.11E-08	1.75E-08	4.74E-10	1.15E-08	2.53E-09	3.63E-09	5.76E-09	1.02E-09	9.17E-09	3.40E-08
1340	497005.18	3862813.64	1.03E-03	1.12E-03	1.78E-03	3.58E-07	1.08E-06	6.25E-07	6.75E-07	6.12E-07	2.79E-07	4.45E-07	1.19E-08	2.89E-07	6.37E-08	9.17E-08	1.45E-07	2.56E-08	2.34E-07	8.61E-07
1341	493677.33	3860302.55	2.65E-03	2.86E-03	4.55E-03	9.16E-07	2.77E-06	1.60E-06	1.73E-06	1.57E-06	7.15E-07	1.14E-06	3.06E-08	7.39E-07	1.63E-07	2.35E-07	3.72E-07	6.56E-08	5.97E-07	2.20E-06
1342	493727.33	3860302.55	2.64E-03	2.85E-03	4.53E-03	9.13E-07	2.76E-06	1.60E-06	1.72E-06	1.56E-06	7.13E-07	1.13E-06	3.05E-08	7.37E-07	1.63E-07	2.34E-07	3.71E-07	6.54E-08	5.95E-07	2.20E-06
1343	493777.33	3860302.55	2.63E-03	2.84E-03	4.52E-03	9.10E-07	2.75E-06	1.59E-06	1.72E-06	1.56E-06	7.11E-07	1.13E-06	3.04E-08	7.34E-07	1.62E-07	2.33E-07	3.70E-07	6.52E-08	5.94E-07	2.19E-06
1344	493827.33	3860302.55	2.62E-03	2.83E-03	4.51E-03	9.07E-07	2.74E-06	1.59E-06	1.71E-06	1.55E-06	7.08E-07	1.13E-06	3.03E-08	7.32E-07	1.62E-07	2.33E-07	3.69E-07	6.50E-08	5.92E-07	2.18E-06
1345	493877.33	3860302.55	2.61E-03	2.82E-03	4.49E-03	9.04E-07	2.73E-06	1.58E-06	1.71E-06	1.55E-06	7.06E-07	1.12E-06	3.02E-08	7.29E-07	1.61E-07	2.32E-07	3.68E-07	6.48E-08	5.90E-07	2.17E-06
1346	493927.33	3860302.55	2.60E-03	2.81E-03	4.47E-03	9.01E-07	2.72E-06	1.57E-06	1.70E-06	1.54E-06	7.03E-07	1.12E-06	3.01E-08	7.27E-07	1.60E-07	2.31E-07	3.66E-07	6.45E-08	5.88E-07	2.17E-06
1347	493977.33	3860302.55	2.60E-03	2.80E-03	4.46E-03	8.98E-07	2.71E-06	1.57E-06	1.70E-06	1.54E-06	7.01E-07	1.12E-06	3.00E-08	7.25E-07	1.60E-07	2.30E-07	3.65E-07	6.44E-08	5.86E-07	2.16E-06
1348	494027.33	3860302.55	2.59E-03	2.79E-03	4.45E-03	8.96E-07	2.70E-06	1.57E-06	1.69E-06	1.53E-06	6.99E-07	1.11E-06	2.99E-08	7.22E-07	1.59E-07	2.29E-07	3.64E-07	6.42E-08	5.84E-07	2.15E-06
1349	493677.33	3860352.55	2.60E-03	2.80E-03	4.46E-03	8.98E-07	2.71E-06	1.57E-06	1.70E-06	1.54E-06	7.01E-07	1.12E-06	3.00E-08	7.25E-07	1.60E-07	2.30E-07	3.65E-07	6.44E-08	5.86E-07	2.16E-06
1350	493727.33	3860352.55	2.59E-03	2.79E-03	4.44E-03	8.95E-07	2.70E-06	1.56E-06	1.69E-06	1.53E-06	6.99E-07	1.11E-06	2.99E-08	7.22E-07	1.59E-07	2.29E-07	3.64E-07	6.41E-08	5.84E-07	2.15E-06
1351	493777.33	3860352.55	2.58E-03	2.78E-03	4.43E-03	8.92E-07	2.69E-06	1.56E-06	1.68E-06	1.53E-06	6.96E-07	1.11E-06	2.98E-08	7.20E-07	1.59E-07	2.29E-07	3.63E-07	6.39E-08	5.82E-07	2.15E-06
1352	493827.33	3860352.55	2.57E-03	2.77E-03	4.42E-03	8.89E-07	2.69E-06	1.55E-06	1.68E-06	1.52E-06	6.94E-07	1.10E-06	2.97E-08	7.17E-07	1.58E-07	2.28E-07	3.62E-07	6.37E-08	5.80E-07	2.14E-06
1353	493877.33	3860352.55	2.56E-03	2.77E-03	4.40E-03	8.87E-07	2.68E-06	1.55E-06	1.67E-06	1.52E-06	6.92E-07	1.10E-06	2.96E-08	7.15E-07	1.58E-07	2.27E-07	3.60E-07	6.35E-08	5.78E-07	2.13E-06
1354	493927.33	3860352.55	2.55E-03	2.76E-03	4.39E-03	8.84E-07	2.67E-06	1.55E-06	1.67E-06	1.51E-06	6.90E-07	1.10E-06	2.95E-08	7.13E-07	1.57E-07	2.27E-07	3.60E-07	6.34E-08	5.77E-07	2.13E-06
1355	493977.33	3860352.55	2.55E-03	2.75E-03	4.38E-03	8.82E-07	2.66E-06	1.54E-06	1.66E-06	1.51E-06	6.89E-07	1.10E-06	2.95E-08	7.11E-07	1.57E-07	2.26E-07	3.59E-07	6.32E-08	5.75E-07	2.12E-06
1356	494027.33	3860352.55	2.54E-03	2.74E-03	4.37E-03	8.79E-07	2.65E-06	1.54E-06	1.66E-06	1.50E-06	6.86E-07	1.09E-06	2.94E-08	7.09E-07	1.56E-07	2.25E-07	3.57E-07	6.30E-08	5.73E-07	2.11E-06
1357	493677.33	3860402.55	2.54E-03	2.74E-03	4.37E-03	8.80E-07	2.66E-06	1.54E-06	1.66E-06	1.51E-06	6.87E-07	1.09E-06	2.94E-08	7.10E-07	1.57E-07	2.25E-07	3.58E-07	6.30E-08	5.74E-07	2.12E-06
1358	493727.33	3860402.55	2.53E-03	2.74E-03	4.35E-03	8.77E-07	2.65E-06	1.53E-06	1.66E-06	1.50E-06	6.85E-07	1.09E-06	2.93E-08	7.07E-07	1.56E-07	2.25E-07	3.57E-07	6.28E-08	5.72E-07	2.11E-06

1359	493777.33	3860402.55	2.53E-03	2.73E-03	4.35E-03	8.75E-07	2.64E-06	1.53E-06	1.65E-06	1.50E-06	6.83E-07	1.09E-06	2.92E-08	7.06E-07	1.56E-07	2.24E-07	3.56E-07	6.27E-08	5.71E-07	2.11E-06
1360	493827.33	3860402.55	2.52E-03	2.72E-03	4.33E-03	8.72E-07	2.63E-06	1.52E-06	1.65E-06	1.49E-06	6.81E-07	1.08E-06	2.91E-08	7.04E-07	1.55E-07	2.24E-07	3.55E-07	6.25E-08	5.69E-07	2.10E-06
1361	493877.33	3860402.55	2.51E-03	2.71E-03	4.32E-03	8.69E-07	2.62E-06	1.52E-06	1.64E-06	1.49E-06	6.79E-07	1.08E-06	2.90E-08	7.01E-07	1.55E-07	2.23E-07	3.53E-07	6.23E-08	5.67E-07	2.09E-06
1362	493927.33	3860402.55	2.51E-03	2.71E-03	4.31E-03	8.68E-07	2.62E-06	1.52E-06	1.64E-06	1.48E-06	6.77E-07	1.08E-06	2.90E-08	7.00E-07	1.54E-07	2.22E-07	3.53E-07	6.22E-08	5.66E-07	2.09E-06
1363	493977.33	3860402.55	2.50E-03	2.70E-03	4.30E-03	8.66E-07	2.61E-06	1.51E-06	1.63E-06	1.48E-06	6.76E-07	1.08E-06	2.89E-08	6.98E-07	1.54E-07	2.22E-07	3.52E-07	6.20E-08	5.65E-07	2.08E-06
1364	494027.33	3860402.55	2.49E-03	2.69E-03	4.29E-03	8.63E-07	2.61E-06	1.51E-06	1.63E-06	1.48E-06	6.74E-07	1.07E-06	2.88E-08	6.96E-07	1.54E-07	2.21E-07	3.51E-07	6.18E-08	5.63E-07	2.07E-06
1365	493677.33	3860452.55	2.49E-03	2.69E-03	4.28E-03	8.63E-07	2.60E-06	1.51E-06	1.63E-06	1.48E-06	6.73E-07	1.07E-06	2.88E-08	6.96E-07	1.54E-07	2.21E-07	3.51E-07	6.18E-08	5.62E-07	2.07E-06
1366	493727.33	3860452.55	2.48E-03	2.68E-03	4.26E-03	8.59E-07	2.59E-06	1.50E-06	1.62E-06	1.47E-06	6.71E-07	1.07E-06	2.87E-08	6.93E-07	1.53E-07	2.20E-07	3.49E-07	6.15E-08	5.60E-07	2.07E-06
1367	493777.33	3860452.55	2.47E-03	2.67E-03	4.25E-03	8.56E-07	2.59E-06	1.50E-06	1.62E-06	1.47E-06	6.69E-07	1.06E-06	2.86E-08	6.91E-07	1.52E-07	2.19E-07	3.48E-07	6.14E-08	5.58E-07	2.06E-06
1368	493827.33	3860452.55	2.47E-03	2.67E-03	4.24E-03	8.55E-07	2.58E-06	1.49E-06	1.61E-06	1.46E-06	6.67E-07	1.06E-06	2.85E-08	6.89E-07	1.52E-07	2.19E-07	3.47E-07	6.12E-08	5.57E-07	2.06E-06
1369	493877.33	3860452.55	2.46E-03	2.66E-03	4.23E-03	8.53E-07	2.57E-06	1.49E-06	1.61E-06	1.46E-06	6.66E-07	1.06E-06	2.85E-08	6.88E-07	1.52E-07	2.19E-07	3.47E-07	6.11E-08	5.56E-07	2.05E-06
1370	493927.33	3860452.55	2.46E-03	2.66E-03	4.23E-03	8.52E-07	2.57E-06	1.49E-06	1.61E-06	1.46E-06	6.65E-07	1.06E-06	2.84E-08	6.87E-07	1.52E-07	2.18E-07	3.46E-07	6.10E-08	5.56E-07	2.05E-06
1371	493977.33	3860452.55	2.45E-03	2.65E-03	4.22E-03	8.49E-07	2.56E-06	1.48E-06	1.60E-06	1.45E-06	6.63E-07	1.06E-06	2.84E-08	6.85E-07	1.51E-07	2.18E-07	3.45E-07	6.08E-08	5.54E-07	2.04E-06
1372	494027.33	3860452.55	2.45E-03	2.64E-03	4.20E-03	8.46E-07	2.56E-06	1.48E-06	1.60E-06	1.45E-06	6.61E-07	1.05E-06	2.83E-08	6.83E-07	1.51E-07	2.17E-07	3.44E-07	6.06E-08	5.52E-07	2.04E-06
1373	493677.33	3860502.55	2.44E-03	2.64E-03	4.20E-03	8.45E-07	2.55E-06	1.48E-06	1.60E-06	1.45E-06	6.60E-07	1.05E-06	2.82E-08	6.82E-07	1.50E-07	2.17E-07	3.44E-07	6.06E-08	5.51E-07	2.03E-06
1374	493727.33	3860502.55	2.43E-03	2.63E-03	4.18E-03	8.42E-07	2.54E-06	1.47E-06	1.59E-06	1.44E-06	6.58E-07	1.05E-06	2.81E-08	6.79E-07	1.50E-07	2.16E-07	3.42E-07	6.03E-08	5.49E-07	2.03E-06
1375	493777.33	3860502.55	2.43E-03	2.62E-03	4.17E-03	8.40E-07	2.54E-06	1.47E-06	1.59E-06	1.44E-06	6.56E-07	1.04E-06	2.80E-08	6.77E-07	1.49E-07	2.15E-07	3.41E-07	6.02E-08	5.48E-07	2.02E-06
1376	493827.33	3860502.55	2.42E-03	2.61E-03	4.16E-03	8.38E-07	2.53E-06	1.46E-06	1.58E-06	1.43E-06	6.54E-07	1.04E-06	2.80E-08	6.76E-07	1.49E-07	2.15E-07	3.41E-07	6.00E-08	5.46E-07	2.01E-06
1377	493877.33	3860502.55	2.42E-03	2.61E-03	4.15E-03	8.36E-07	2.52E-06	1.46E-06	1.58E-06	1.43E-06	6.53E-07	1.04E-06	2.79E-08	6.74E-07	1.49E-07	2.14E-07	3.40E-07	5.99E-08	5.45E-07	2.01E-06
1378	493927.33	3860502.55	2.41E-03	2.60E-03	4.15E-03	8.35E-07	2.52E-06	1.46E-06	1.58E-06	1.43E-06	6.52E-07	1.04E-06	2.79E-08	6.73E-07	1.49E-07	2.14E-07	3.39E-07	5.98E-08	5.45E-07	2.01E-06
1379	493977.33	3860502.55	2.40E-03	2.60E-03	4.13E-03	8.32E-07	2.51E-06	1.45E-06	1.57E-06	1.42E-06	6.50E-07	1.03E-06	2.78E-08	6.71E-07	1.48E-07	2.13E-07	3.38E-07	5.96E-08	5.43E-07	2.00E-06
1380	494027.33	3860502.55	2.40E-03	2.59E-03	4.12E-03	8.30E-07	2.51E-06	1.45E-06	1.57E-06	1.42E-06	6.48E-07	1.03E-06	2.77E-08	6.69E-07	1.48E-07	2.13E-07	3.37E-07	5.95E-08	5.41E-07	2.00E-06
1381	493627.33	3860552.55	2.40E-03	2.59E-03	4.12E-03	8.30E-07	2.51E-06	1.45E-06	1.57E-06	1.42E-06	6.48E-07	1.03E-06	2.77E-08	6.70E-07	1.48E-07	2.13E-07	3.38E-07	5.95E-08	5.41E-07	2.00E-06
1382	493677.33	3860552.55	2.39E-03	2.58E-03	4.11E-03	8.28E-07	2.50E-06	1.45E-06	1.56E-06	1.42E-06	6.46E-07	1.03E-06	2.76E-08	6.67E-07	1.47E-07	2.12E-07	3.36E-07	5.93E-08	5.39E-07	1.99E-06
1383	493727.33	3860552.55	2.38E-03	2.57E-03	4.09E-03	8.25E-07	2.49E-06	1.44E-06	1.56E-06	1.41E-06	6.44E-07	1.02E-06	2.75E-08	6.65E-07	1.47E-07	2.11E-07	3.35E-07	5.91E-08	5.38E-07	1.98E-06
1384	493777.33	3860552.55	2.38E-03	2.57E-03	4.08E-03	8.23E-07	2.48E-06	1.44E-06	1.55E-06	1.41E-06	6.42E-07	1.02E-06	2.75E-08	6.64E-07	1.46E-07	2.11E-07	3.35E-07	5.90E-08	5.36E-07	1.98E-06
1385	493827.33	3860552.55	2.37E-03	2.56E-03	4.08E-03	8.22E-07	2.48E-06	1.44E-06	1.55E-06	1.41E-06	6.42E-07	1.02E-06	2.74E-08	6.63E-07	1.46E-07	2.11E-07	3.34E-07	5.89E-08	5.36E-07	1.98E-06
1386	493877.33	3860552.55	2.37E-03	2.56E-03	4.07E-03	8.19E-07	2.47E-06	1.43E-06	1.55E-06	1.40E-06	6.40E-07	1.02E-06	2.74E-08	6.61E-07	1.46E-07	2.10E-07	3.33E-07	5.87E-08	5.34E-07	1.97E-06
1387	493927.33	3860552.55	2.36E-03	2.55E-03	4.06E-03	8.18E-07	2.47E-06	1.43E-06	1.54E-06	1.40E-06	6.38E-07	1.02E-06	2.73E-08	6.60E-07	1.46E-07	2.10E-07	3.32E-07	5.86E-08	5.33E-07	1.97E-06
1388	493977.33	3860552.55	2.36E-03	2.55E-03	4.05E-03	8.16E-07	2.47E-06	1.43E-06	1.54E-06	1.40E-06	6.37E-07	1.01E-06	2.73E-08	6.59E-07	1.45E-07	2.09E-07	3.32E-07	5.85E-08	5.33E-07	1.96E-06
1389	494027.33	3860552.55	2.35E-03	2.54E-03	4.04E-03	8.14E-07	2.46E-06	1.42E-06	1.54E-06	1.39E-06	6.35E-07	1.01E-06	2.72E-08	6.57E-07	1.45E-07	2.09E-07	3.31E-07	5.83E-08	5.31E-07	1.96E-06
1390	493627.33	3860602.55	2.35E-03	2.54E-03	4.04E-03	8.13E-07	2.46E-06	1.42E-06	1.53E-06	1.39E-06	6.35E-07	1.01E-06	2.72E-08	6.56E-07	1.45E-07	2.08E-07	3.31E-07	5.83E-08	5.30E-07	1.96E-06
1391	493727.33	3860602.55	2.33E-03	2.52E-03	4.00E-03	8.07E-07	2.44E-06	1.41E-06	1.52E-06	1.38E-06	6.30E-07	1.00E-06	2.69E-08	6.51E-07	1.44E-07	2.07E-07	3.28E-07	5.78E-08	5.26E-07	1.94E-06
1392	493777.33	3860602.55	2.33E-03	2.52E-03	4.00E-03	8.06E-07	2.43E-06	1.41E-06	1.52E-06	1.38E-06	6.30E-07	1.00E-06	2.69E-08	6.50E-07	1.44E-07	2.07E-07	3.28E-07	5.78E-08	5.26E-07	1.94E-06
1393	493827.33	3860602.55	2.32E-03	2.51E-03	3.99E-03	8.05E-07	2.43E-06	1.41E-06	1.52E-06	1.38E-06	6.28E-07	9.99E-07	2.69E-08	6.49E-07	1.43E-07	2.06E-07	3.27E-07	5.76E-08	5.25E-07	1.93E-06
1394	493877.33	3860602.55	2.32E-03	2.51E-03	3.99E-03	8.04E-07	2.43E-06	1.40E-06	1.52E-06	1.38E-06	6.27E-07	9.99E-07	2.68E-08	6.48E-07	1.43E-07	2.06E-07	3.27E-07	5.76E-08	5.24E-07	1.93E-06
1395	493927.33	3860602.55	2.32E-03	2.50E-03	3.98E-03	8.02E-07	2.42E-06	1.40E-06	1.51E-06	1.37E-06	6.26E-07	9.97E-07	2.68E-08	6.47E-07	1.43E-07	2.06E-07	3.26E-07	5.75E-08	5.23E-07	1.93E-06
1396	493977.33	3860602.55	2.31E-03	2.50E-03	3.98E-03	8.01E-07	2.42E-06	1.40E-06	1.51E-06	1.37E-06	6.25E-07	9.95E-07	2.67E-08	6.46E-07	1.43E-07	2.05E-07	3.25E-07	5.74E-08	5.22E-07	1.93E-06
1397	494027.33	3860602.55	2.31E-03	2.49E-03	3.96E-03	7.98E-07	2.41E-06	1.39E-06	1.51E-06	1.37E-06	6.23E-07	9.92E-07	2.66E-08	6.44E-07	1.42E-07	2.05E-07	3.24E-07	5.72E-08	5.20E-07	1.92E-06
1398	493627.33	3860652.55	2.30E-03	2.48E-03	3.95E-03	7.96E-07	2.40E-06	1.39E-06	1.50E-06	1.36E-06	6.21E-07	9.88E-07	2.66E-08	6.42E-07	1.42E-07	2.04E-07	3.24E-07	5.70E-08	5.19E-07	1.91E-06
1399	493727.33	3860652.55	2.28E-03	2.46E-03	3.92E-03	7.90E-07	2.39E-06	1.38E-06	1.49E-06	1.35E-06	6.17E-07	9.81E-07	2.64E-08	6.37E-07	1.41E-07	2.02E-07	3.21E-07	5.66E-08	5.15E-07	1.90E-06
1400	493777.33	3860652.55	2.28E-03	2.46E-03	3.92E-03	7.89E-07	2.38E-06	1.38E-06	1.49E-06	1.35E-06	6.16E-07	9.80E-07	2.64E-08	6.37E-07	1.41E-07	2.02E-07	3.21E-07	5.66E-08	5.15E-07	1.90E-06
1401	493827.33	3860652.55	2.28E-03	2.46E-03	3.91E-03	7.89E-07	2.38E-06	1.38E-06	1.49E-06	1.35E-06	6.16E-07	9.79E-07	2.63E-08	6.36E-07	1.40E-07	2.02E-07	3.21E-07	5.65E-08	5.14E-07	1.90E-06
1402	493877.33	3860652.55	2.28E-03	2.46E-03	3.91E-03	7.88E-07	2.38E-06	1.38E-06	1.49E-06	1.35E-06	6.15E-07	9.79E-07	2.63E-08	6.36E-07	1.40E-07	2.02E-07	3.20E-07	5.65E-08	5.14E-07	1.89E-06
1403	493927.33	3860652.55	2.27E-03	2.45E-03	3.90E-03	7.86E-07	2.37E-06	1.37E-06	1.48E-06	1.35E-06	6.14E-07	9.77E-07	2.63E-08	6.34E-07	1.40E-07	2.02E-07	3.20E-07	5.63E-08	5.13E-07	1.89E-06
1404	493977.33	3860652.55	2.27E-03	2.45E-03	3.90E-03	7.85E-07	2.37E-06	1.37E-06	1.48E-06	1.34E-06	6.13E-07	9.75E-07	2.62E-08	6.33E-07	1.40E-07	2.01E-07	3.19E-07	5.62E-08	5.12E-07	1.89E-06
1405	494027.33	3860652.55	2.26E-03	2.44E-03	3.89E-03	7.84E-07	2.37E-06	1.37E-06	1.48E-06	1.34E-06	6.12E-07	9.74E-07	2.62E-08	6.32E-07	1.39E-07	2.01E-07	3.19E-07	5.61E-08	5.11E-07	1.88E-06
1406	494311.06	3858401.99	2.58E-03	2.78E-03	4.43E-03	8.92E-07	2.69E-06	1.56E-06	1.68E-06	1.53E-06	6.96E-07	1.11E-06	2.98E-08	7.20E-07	1.59E-07	2.29E-07	3.63E-07	6.39E-08	5.82E-07	2.15E-06
1407	494361.06	3858401.99	2.53E-03	2.73E-03	4.35E-03	8.76E-07	2.65E-06	1.53E-06	1.65E-06	1.50E-06	6.84E-07	1.09E-06	2.93E-08	7.07E-07	1.56E-07	2.25E-07	3.56E-07	6.28E-08	5.72E-07	2.11E-06
1408	494411.06	3858401.99	2.50E-03	2.70E-03	4.30E-03	8.65E-07	2.61E-06	1.51E-06	1.63E-06	1.48E-06	6.76E-07	1.08E-06	2.89E-08	6.98E-07	1.54E-07	2.22E-07	3.52E-07	6.20E-08	5.64E-07	2.08E-06
1409	494461.06	3858401.99	2.48E-03	2.68E-03	4.27E-03	8.60E-07	2.60E-06	1.50E-06	1.62E-06	1.47E-06	6.71E-07	1.07E-06	2.87E-08	6.94E-07	1.53E-07	2.20E-07	3.50E-07	6.16E-08	5.61E-07	2.07E-06
1410	494511.06	3858401.99	2.45E-03	2.65E-03	4.21E-03	8.48E-07	2.56E-06	1.48E-06	1.60E-06	1.45E-06	6.62E-07	1.05E-06	2.83E-08	6.84E-07	1.51E-07	2.17E-07	3.45E-07	6.08E-08	5.53E-07	2.04E-06
1411	494561.06	3858401.99	2.43E-03	2.63E-03	4.18E-03	8.42E-07	2.54E-06	1.47E-06	1.59E-06	1.44E-06	6.58E-07	1.05E-06	2.81E-08	6.79E-07	1.50E-07	2.16E-07	3.42E-07	6.03E-08	5.49E-07	2.03E-06
1412	494611.06	3858401.99	2.40E-03	2.59E-03	4.12E-03	8.31E-07	2.51E-06	1.45E-06	1.57E-06	1.42E-06	6.48E-07	1.03E-06	2.77E-08	6.70E-07	1.48E-07	2.13E-07	3.38E-07	5.95E-08	5.42E-07	2.00E-06
1413	494661.06	3858401.99	2.37E-03	2.56E-03	4.08E-03	8.21E-07	2.48E-06	1.43E-06	1.55E-06	1.40E-06	6.41E-07	1.02E-06	2.74E-08	6.62E-07	1.46E-07	2.10E-07	3.34E-07	5.88E-08	5.35E-07	1.97E-06
1414	494711.06	3858401.99	2.33E-03	2.51E-03	4.00E-03	8.06E-07	2.43E-06	1.41E-06	1.52E-06	1.38E-06	6.29E-07	1.00E-06	2.69E-08	6.50E-07	1.43E-07	2.07E-07	3.28E-07	5.77E-08	5.26E-07	1.94E-06
1415	494761.06	3858401.99	2.31E-03	2.49E-03	3.96E-03	7.98E-07	2.41E-06	1.39E-06	1.51E-06	1.37E-06	6.23E-07	9.92E-07	2.66E-08	6.44E-07	1.42E-07	2.05E-07	3.24E-07	5.72E-08	5.20E-07	1.92E-06
1416	494811.06	3858401.99	2.27E-03	2.45E-03	3.91E-03	7.87E-07	2.38E-06	1.38E-06	1.49E-06	1.35E-06	6.14E-07	9.78E-07	2.63E-08	6.35E-07	1.40E-07	2.02E-07	3.20E-07	5.64E-08	5.13E-07	1.89E-06
1417	494861.06	3858401.99	2.24E-03	2.42E-03	3.86E-03	7.77E-07	2.35E-06	1.36E-06	1.47E-06	1.33E-06	6.07E-07	9.66E-07	2.59E-08	6.27E-07	1.38E-07	1.99E-07	3.16E-07	5.57E-08	5.07E-07	1.87E-06
1418	494911.06	3858401.99	2.22E-03	2.39E-03	3.81E-03	7.67E-07	2.32E-06	1.34E-06	1.45E-06	1.31E-06	5.99E-07	9.53E-07	2.56E-08	6.19E-07	1.37E-07	1.97E-07	3.12E-07	5.50E-08	5.00E-07	1.85E-06
1419	494961.06	3858401.99	2.19E-03	2.36E-03	3.76E-03	7.57E-07	2.29E-06	1.32E-06	1.43E-06	1.30E-06	5.91E-07	9.41E-07	2.53E-08	6.11E-07	1.35E-07	1.94E-07	3.08E-07	5.42E-08	4.94E-07	1.82E-06
1420	495011.06	3858401.99	2.15E-03	2.32E-03	3.70E-03	7.44E-07	2.25E-06	1.30E-06	1.40E-06	1.27E-06	5.81E-07	9.25E-07	2.49E-08	6.00E-07	1.32E-07	1.91E-07	3.03E-07	5.33E-08	4.85E-07	1.79E-06
1421	495061.06	3858401.99	2.12E-03	2.29E-03	3.64E-03	7.34E-07	2.22E-06	1.28E-06	1.39E-06	1.26E-06	5.73E-07	9.12E-07	2.45E-08	5.92E-07	1.31E-07	1.88E-07	2.98E-07	5.26E-08	4.79E-07	1.76E-06
1422	495111.06	3858401.99	2.07E-03	2.23E-03	3.55E-03	7.16E-07	2.16E-06	1.25E-06	1.35E-06	1.22E-06	5.59E-07	8.89E-07	2.39E-08	5.77E-07	1.27E-07	1.83E-07	2.91E-07	5.13E-08	4.67E-07	1.72E-06
1423	495161.06	3858401.99	2.06E-03	2.22E-03	3.53E-03	7.12E-07	2.15E-06	1.24E-06	1.34E-06	1.22E-06	5.56E-07	8.84E-07	2.38E-08	5.74E-07	1.27E-07	1.82E-07	2.89E-07	5.10E-08	4.64E-07	1.71E-06
1424	495211.06	3858401.99	2.01E-03	2.17E-03	3.45E-03	6.96E-07	2.10E-06	1.22E-06	1.31E-06	1.19E-06	5.43E-07	8.64E-07	2.32E-08	5.61E-07	1.24E-07	1.78E-07	2.83E-07	4.99E-08	4.54E-07	1.67E-06
1425	495261.06	3858401.99	1.98E-03	2.14E-03	3.41E-03	6.87E-07	2.07E-06	1.20E-06	1.30E-06	1.18E-06	5.36E-07	8.54E-07	2.29E-08	5.54E-07	1.22E-07	1.76E-07	2.79E-07	4.92E-08	4.48E-07	1.65E-06
1426	495311.06	3858401.99	1.96E-03	2.11E-03	3.36E-03	6.78E-07	2.05E-06	1.18E-06	1.28E-06	1.16E-06	5.29E-07	8.42E-07	2.26E-08	5.47E-07	1.21E-07	1.74E-07	2.76E-07	4.86E-08	4.42E-07	1.63E-06
1427	495361.06	3858401.99	1.94E-03	2.09E-03	3.33E-03	6.71E-07	2.03E-06	1.17E-06	1.27E-06	1.15E-06	5.24E-07	8.34E-07	2.24E-08	5.41E-07	1.19E-07	1.72E-07	2.73E-07	4.81E-08	4.38E-07	1.61E-06
1428	495411.06	3858401.99	1.93E-03	2.08E-03	3.31E-03	6.68E-07	2.02E-06	1.17E-06	1.26E-06	1.14E-06	5.21E-07	8.29E-07	2.23E-08	5.39E-07	1.19E-07	1.71E-07	2.71E-07	4.78E-08	4.35E-07	1.61E-06
1429	495461.06	3858401.99	1.92E-03	2.07E-03	3.30E-03	6.65E-07	2.01E-06	1.16E-06	1.26E-06	1.14E-06	5.19E-07	8.26E-07	2.22E-08	5.36E-07	1.18E-07	1.70E-07	2.70E-07	4.76E-08	4.34E-07	1.60E-06
1430	495511.06	3858401.99	1.91E-03	2.06E-03	3.28E-03	6.62E-07	2.00E-06	1.16E-06	1.25E-06	1.13E-06	5.16E-07	8.22E-07	2.21E-08	5.34E-07	1.18E-07	1.70E-07	2.69E-07	4.74E-08	4.31E-07	1.59E-06
1431	495561.06	3858401.99	1.89E-03	2.04E-03	3.24E-03	6.53E-07	1.97E-06	1.14E-06	1.23E-06	1.12E-06	5.10E-07	8.11E-07	2.18E-08	5.26E-07	1.16E-07	1.67E-07	2.65E-07	4.68E-08	4.25E-07	1.57E-06
1432	495611.06	3858401.99	1.88E-03	2.03E-03	3.22E-03	6.49E-07	1.96E-06	1.13E-06	1.23E-06	1.11E-06	5.07E-07	8.07E-07	2.17E-08	5.24E-07	1.16E-07	1.66E-07	2.64E-07	4.65E-08	4.23E-07	1.56E-06
1433	495661.06	3858401.99	1.89E-03	2.04E-03	3.24E-03	6.53E-07	1.97E-06	1.14E-06	1.23E-06	1.12E-06	5.10E-07	8.12E-07	2.18E-08	5.27E-07	1.16E-07	1.67E-07	2.66E-07	4.68E-08	4.26E-07	1.57E-06
1434	494311.06	3858451.99	2.63E-03	2.84E-03	4.52E-03	9.10E-07	2.75E-06	1.59E-06	1.72E-06	1.56E-06	7.10E-07	1.13E-06	3.04E-08	7.34E-07	1.62E-07	2.33E-07	3.70E-07	6.52E-08	5.94E-07	2.19E-06
1435	494361.06	3858451.99	2.59E-03	2.80E-03	4.45E-03	8.97E-07	2.71E-06	1.57E-06	1.69E-06	1.53E-06	7.00E-07	1.11E-06	2.99E-08	7.23E-07	1.60E-07	2.30E-07	3.64E-07	6.42E-08	5.85E-07	2.16E-06
1436	494411.06	3858451.99	2.56E-03	2.76E-03	4.40E-03	8.85E-07	2.67E-06	1.55E-06	1.67E-06	1.52E-06	6.91E-07	1.10E-06	2.96E-08	7.14E-07	1.58E-07	2.27E-07	3.60E-07	6.34E-08	5.78E-07	2.13E-06
1437	494461.06	3858451.99	2.53E-03	2.73E-03	4.35E-03	8.76E-07	2.64E-06	1.53E-06	1.65E-06	1.50E-06	6.84E-07	1.09E-06	2.92E-08	7.06E-07	1.56E-07	2.24E-07	3.56E-07	6.27E-08	5.71E-07	2.11E-06
1438	494511.06	3858451.99	2.51E-03	2.71E-03	4.32E-03	8.70E-07	2.63E-06	1.52E-06	1.64E-06	1.49E-06	6.79E-07	1.08E-06	2.90E-08	7.01E-07	1.55E-07	2.23E-07	3.53E-07	6.23E-08	5.67E-07	2.09E-06
1439	494561.06	3858451.99	2.48E-03	2.67E-03	4.26E-03	8.57E-07	2.59E-06	1.50E-06	1.62E-06	1.47E-06	6.69E-07	1.07E-06	2.86E-08	6.91E-07	1.53E-07	2.20E-07	3.48E-07	6.14E-08	5.59E-07	2.06E-06
1440	494611.06	3858451.99	2.45E-03	2.65E-03	4.21E-03	8.48E-07	2.56E-06	1.48E-06	1.60E-06	1.45E-06	6.62E-07	1.05E-06	2.83E-08	6.84E-07	1.51E-07	2.17E-07	3.45E-07	6.08E-08	5.53E-07	2.04E-06
1441	494661.06	3858451.99	2.42E-03	2.61E-03	4.16E-03	8.38E-07	2.53E-06	1.46E-06	1.58E-06	1.43E-06	6.54E-07	1.04E-06	2.80E-08	6.76E-07	1.49E-07	2.15E-07	3.41E-07	6.00E-08	5.47E-07	2.01E-06
1442	494711.06	3858451.99	2.38E-03	2.57E-03	4.10E-03	8.25E-07	2.49E-06	1.44E-06	1.56E-06	1.41E-06	6.44E-07	1.03E-06	2.76E-08	6.66E-07	1.47E-07	2.11E-07	3.35E-07	5.91E-08	5.38E-07	1.98E-06
1443	494761.06	3858451.99	2.35E-03	2.53E-03	4.04E-03	8.13E-07	2.45E-06	1.42E-06	1.53E-06	1.39E-06	6.34E-07	1.01E-06	2.71E-08	6.55E-07	1.45E-07	2.08E-07	3.30E-07	5.82E-08	5.30E-07	1.95E-06
1444	494811.06	3858451.99	2.32E-03	2.50E-03	3.98E-03	8.02E-07	2.42E-06	1.40E-06	1.51E-06	1.37E-06	6.26E-07	9.97E-07	2.68E-08	6.47E-07	1.43E-07	2.06E-07	3.26E-07	5.75E-08	5.23E-07	1.93E-06
1445	494861.06	3858451.99	2.28E-03	2.47E-03	3.93E-03	7.91E-07	2.39E-06	1.38E-06	1.49E-06	1.35E-06	6.17E-07	9.82E-07	2.64E-08	6.38E-07	1.41E-07	2.03E-07	3.21E-07	5.66E-08	5.16E-07	1.90E-06
1446	494911.06	3858451.99	2.24E-03	2.42E-03	3.85E-03	7.76E-07	2.34E-06	1.36E-06	1.47E-06	1.33E-06	6.06E-07	9.65E-07	2.59E-08	6.26E-07	1.38E-07	1.99E-07	3.16E-07	5.56E-08	5.06E-07	1.87E-06
1447	494961.06	3858451.99	2.21E-03	2.38E-03	3.80E-03	7.64E-07	2.31E-06	1.34E-06	1.44E-06	1.31E-06	5.97E-07	9.50E-07	2.55E-08	6.17E-07	1.36E-07	1.96E-07	3.11E-07	5.48E-08	4.99E-07	1.84E-06
1448	495011.06	3858451.99	2.17E-03	2.34E-03	3.73E-03	7.51E-07	2.27E-06	1.31E-06	1.42E-06	1.28E-06	5.86E-07	9.33E-07	2.51E-08	6.06E-07	1.34E-07	1.92E-07	3.05E-07	5.38E-08	4.90E-07	1.81E-06
1449	495061.06	3858451.99	2.15E-03	2.32E-03	3.70E-03	7.44E-07	2.25E-06	1.30E-06	1.40E-06	1.27E-06	5.81E-07	9.25E-07	2.49E-08	6.00E-07	1.32E-07	1.91E-07	3.03E-07	5.33E-08	4.85E-07	1.79E-06
1450	495111.06	3858451.99	2.11E-03	2.28E-03	3.63E-03	7.31E-07	2.21E-06	1.28E-06	1.38E-06	1.25E-06	5.71E-07	9.08E-07	2.44E-08	5.90E-07	1.30E-07	1.87E-07	2.97E-07	5.24E-08	4.77E-07	1.76E-06
1451	495161.06	3858451.99	2.07E-03	2.23E-03	3.56E-03	7.16E-07	2.16E-06	1.25E-06	1.35E-06	1.23E-06	5.59E-07	8.90E-07	2.39E-08	5.78E-07	1.27E-07	1.84E-07	2.91E-07	5.13E-08	4.67E-07	1.72E-06
1452	495211.06	3858451.99	2.03E-03	2.19E-03	3.49E-03	7.03E-07	2.12E-06	1.23E-06	1.33E-06	1.20E-06	5.49E-07	8.73E-07	2.35E-08	5.67E-07	1.25E-07	1.80E-07	2.86E-07	5.04E-08	4.58E-07	1.69E-06
1453	495261.06	3858451.99	2.01E-03	2.17E-03	3.45E-03	6.94E-07	2.10E-06	1.21E-06	1.31E-06	1.19E-06	5.42E-07	8.63E-07	2.32E-08	5.60E-07	1.24E-07	1.78E-07	2.82E-07	4.98E-08	4.53E-07	1.67E-06
1454	495311.06	3858451.99	1.99E-03	2.14E-03	3.41E-03	6.87E-07	2.08E-06	1.20E-06	1.30E-06	1.18E-06	5.37E-07	8.54E-07	2.30E-08	5.54E-07	1.22E-07	1.76E-07	2.79E-07	4.92E-08	4.48E-07	1.65E-06
1455	495361.06	3858451.99	1.97E-03	2.12E-03	3.38E-03	6.81E-07	2.06E-06	1.19E-06	1.29E-06	1.17E-06	5.32E-07	8.46E-07	2.27E-08	5.49E-07	1.21E-07	1.75E-07	2.77E-07	4.88E-08	4.44E-07	1.64E-06
1456	495411.06	3858451.99	1.96E-03	2.12E-03	3.37E-03	6.78E-07	2.05E-06	1.19E-06	1.28E-06	1.16E-06	5.29E-07	8.43E-07	2.26E-08	5.47E-07	1.21E-07	1.74E-07	2.76E-07	4.86E-08	4.42E-07	1.63E-06
1457	495461.06	3858451.99	1.95E-03	2.11E-03	3.36E-03	6.76E-07	2.04E-06	1.18E-06	1.28E-06	1.16E-06	5.28E-07	8.40E-07	2.26E-08	5.45E-07	1.20E-07	1.73E-07	2.75E-07	4.84E-08	4.41E-07	1.63E-06
1458	495511.06	3858451.99	1.93E-03	2.09E-03	3.32E-03	6.69E-07	2.02E-06	1.17E-06	1.26E-06	1.14E-06	5.22E-07	8.31E-07	2.23E-08	5.40E-07	1.19E-07	1.71E-07	2.72E-07	4.79E-08	4.36E-07	1.61E-06
1459	495561.06	3858451.99	1.93E-03	2.09E-03	3.32E-03	6.69E-07	2.02E-06	1.17E-06	1.26E-06	1.15E-06	5.23E-07	8.32E-07	2.24E-08	5.40E-07	1.19E-07	1.72E-07	2.72E-07	4.80E-08	4.36E-07	1.61E-06
1460	495611.06	3858451.99	1.91E-03	2.06E-03	3.28E-03	6.61E-07	2.00E-06	1.16E-06	1.25E-06	1.13E-06	5.16E-07	8.21E-07	2.21E-08	5.33E-07	1.18E-07	1.69E-07	2.69E-07	4.73E-08	4.31E-07	1.59E-06
1461	495661.06	3858451.99	1.91E-03	2.06E-03	3.27E-03	6.60E-07	1.99E-06	1.15E-06	1.24E-06	1.13E-06	5.15E-07	8.19E-07	2.20E-08	5.32E-07	1.17E-07	1.69E-07	2.68E-07	4.72E-08	4.30E-07	1.59E-06
1462	494311.06	3858501.99	2.64E-03	2.85E-03	4.53E-03	9.12E-07	2.75E-06	1.59E-06	1.72E-06	1.56E-06	7.12E-07	1.13E-06	3.05E-08	7.36E-07	1.62E-07	2.34E-07	3.71E-07	6.54E-08	5.95E-07	2.19E-06
1463	494361.06	3858501.99	2.61E-03	2.82E-03	4.49E-03	9.03E-07	2.73E-06	1.58E-06	1.71E-06	1.55E-06	7.05E-07	1.12E-06	3.02E-08	7.29E-07	1.61E-07	2.32E-07	3.67E-07	6.47E-08	5.89E-07	2.17E-06

1464	494411.06	3858501.99	2.58E-03	2.79E-03	4.44E-03	8.93E-07	2.70E-06	1.56E-06	1.69E-06	1.53E-06	6.97E-07	1.11E-06	2.98E-08	7.20E-07	1.59E-07	2.29E-07	3.63E-07	6.40E-08	5.83E-07	2.15E-06
1465	494461.06	3858501.99	2.56E-03	2.77E-03	4.40E-03	8.87E-07	2.68E-06	1.55E-06	1.67E-06	1.52E-06	6.92E-07	1.10E-06	2.96E-08	7.15E-07	1.58E-07	2.27E-07	3.60E-07	6.35E-08	5.78E-07	2.13E-06
1466	494511.06	3858501.99	2.52E-03	2.72E-03	4.34E-03	8.73E-07	2.64E-06	1.53E-06	1.65E-06	1.49E-06	6.82E-07	1.09E-06	2.92E-08	7.04E-07	1.55E-07	2.24E-07	3.55E-07	6.26E-08	5.70E-07	2.10E-06
1467	494561.06	3858501.99	2.52E-03	2.72E-03	4.34E-03	8.73E-07	2.64E-06	1.53E-06	1.65E-06	1.49E-06	6.82E-07	1.09E-06	2.92E-08	7.05E-07	1.55E-07	2.24E-07	3.55E-07	6.26E-08	5.70E-07	2.10E-06
1468	494611.06	3858501.99	2.49E-03	2.69E-03	4.28E-03	8.62E-07	2.60E-06	1.51E-06	1.63E-06	1.47E-06	6.73E-07	1.07E-06	2.88E-08	6.95E-07	1.53E-07	2.21E-07	3.50E-07	6.18E-08	5.62E-07	2.07E-06
1469	494661.06	3858501.99	2.47E-03	2.66E-03	4.24E-03	8.54E-07	2.58E-06	1.49E-06	1.61E-06	1.46E-06	6.67E-07	1.06E-06	2.85E-08	6.89E-07	1.52E-07	2.19E-07	3.47E-07	6.12E-08	5.57E-07	2.05E-06
1470	494711.06	3858501.99	2.43E-03	2.62E-03	4.18E-03	8.41E-07	2.54E-06	1.47E-06	1.59E-06	1.44E-06	6.57E-07	1.05E-06	2.81E-08	6.79E-07	1.50E-07	2.16E-07	3.42E-07	6.03E-08	5.49E-07	2.02E-06
1471	494761.06	3858501.99	2.39E-03	2.58E-03	4.10E-03	8.26E-07	2.50E-06	1.44E-06	1.56E-06	1.41E-06	6.45E-07	1.03E-06	2.76E-08	6.67E-07	1.47E-07	2.12E-07	3.36E-07	5.92E-08	5.39E-07	1.99E-06
1472	494811.06	3858501.99	2.35E-03	2.54E-03	4.04E-03	8.13E-07	2.45E-06	1.42E-06	1.53E-06	1.39E-06	6.35E-07	1.01E-06	2.71E-08	6.56E-07	1.45E-07	2.08E-07	3.30E-07	5.82E-08	5.30E-07	1.95E-06
1473	494861.06	3858501.99	2.32E-03	2.51E-03	3.99E-03	8.04E-07	2.43E-06	1.40E-06	1.52E-06	1.37E-06	6.27E-07	9.99E-07	2.68E-08	6.48E-07	1.43E-07	2.06E-07	3.27E-07	5.76E-08	5.24E-07	1.93E-06
1474	494911.06	3858501.99	2.27E-03	2.45E-03	3.90E-03	7.85E-07	2.37E-06	1.37E-06	1.48E-06	1.34E-06	6.13E-07	9.76E-07	2.62E-08	6.33E-07	1.40E-07	2.01E-07	3.19E-07	5.63E-08	5.12E-07	1.89E-06
1475	494961.06	3858501.99	2.24E-03	2.42E-03	3.85E-03	7.76E-07	2.34E-06	1.36E-06	1.46E-06	1.33E-06	6.06E-07	9.64E-07	2.59E-08	6.26E-07	1.38E-07	1.99E-07	3.15E-07	5.56E-08	5.06E-07	1.87E-06
1476	495011.06	3858501.99	2.20E-03	2.37E-03	3.77E-03	7.60E-07	2.30E-06	1.33E-06	1.44E-06	1.30E-06	5.94E-07	9.45E-07	2.54E-08	6.13E-07	1.35E-07	1.95E-07	3.09E-07	5.45E-08	4.96E-07	1.83E-06
1477	495061.06	3858501.99	2.18E-03	2.35E-03	3.74E-03	7.54E-07	2.28E-06	1.32E-06	1.42E-06	1.29E-06	5.88E-07	9.36E-07	2.52E-08	6.08E-07	1.34E-07	1.93E-07	3.06E-07	5.40E-08	4.91E-07	1.81E-06
1478	495111.06	3858501.99	2.12E-03	2.29E-03	3.65E-03	7.35E-07	2.22E-06	1.28E-06	1.39E-06	1.26E-06	5.74E-07	9.13E-07	2.45E-08	5.93E-07	1.31E-07	1.88E-07	2.99E-07	5.26E-08	4.79E-07	1.77E-06
1479	495161.06	3858501.99	2.09E-03	2.25E-03	3.59E-03	7.23E-07	2.18E-06	1.26E-06	1.36E-06	1.24E-06	5.64E-07	8.98E-07	2.41E-08	5.83E-07	1.29E-07	1.85E-07	2.94E-07	5.18E-08	4.71E-07	1.74E-06
1480	495211.06	3858501.99	2.05E-03	2.22E-03	3.53E-03	7.11E-07	2.15E-06	1.24E-06	1.34E-06	1.22E-06	5.55E-07	8.83E-07	2.37E-08	5.73E-07	1.27E-07	1.82E-07	2.89E-07	5.09E-08	4.63E-07	1.71E-06
1481	495261.06	3858501.99	2.03E-03	2.19E-03	3.49E-03	7.02E-07	2.12E-06	1.23E-06	1.33E-06	1.20E-06	5.48E-07	8.72E-07	2.35E-08	5.66E-07	1.25E-07	1.80E-07	2.85E-07	5.03E-08	4.58E-07	1.69E-06
1482	495311.06	3858501.99	2.01E-03	2.17E-03	3.46E-03	6.97E-07	2.11E-06	1.22E-06	1.32E-06	1.19E-06	5.44E-07	8.66E-07	2.33E-08	5.62E-07	1.24E-07	1.79E-07	2.83E-07	4.99E-08	4.55E-07	1.68E-06
1483	495361.06	3858501.99	2.00E-03	2.16E-03	3.44E-03	6.92E-07	2.09E-06	1.21E-06	1.31E-06	1.18E-06	5.41E-07	8.60E-07	2.31E-08	5.58E-07	1.23E-07	1.77E-07	2.81E-07	4.96E-08	4.51E-07	1.66E-06
1484	495411.06	3858501.99	1.99E-03	2.15E-03	3.42E-03	6.89E-07	2.08E-06	1.20E-06	1.30E-06	1.18E-06	5.38E-07	8.56E-07	2.30E-08	5.56E-07	1.23E-07	1.77E-07	2.80E-07	4.94E-08	4.49E-07	1.66E-06
1485	495461.06	3858501.99	1.98E-03	2.14E-03	3.41E-03	6.86E-07	2.07E-06	1.20E-06	1.29E-06	1.17E-06	5.35E-07	8.52E-07	2.29E-08	5.53E-07	1.22E-07	1.76E-07	2.79E-07	4.91E-08	4.47E-07	1.65E-06
1486	495511.06	3858501.99	1.97E-03	2.13E-03	3.38E-03	6.81E-07	2.06E-06	1.19E-06	1.29E-06	1.17E-06	5.32E-07	8.46E-07	2.27E-08	5.50E-07	1.21E-07	1.75E-07	2.77E-07	4.88E-08	4.44E-07	1.64E-06
1487	495561.06	3858501.99	1.97E-03	2.13E-03	3.38E-03	6.81E-07	2.06E-06	1.19E-06	1.29E-06	1.17E-06	5.32E-07	8.47E-07	2.28E-08	5.50E-07	1.21E-07	1.75E-07	2.77E-07	4.88E-08	4.44E-07	1.64E-06
1488	495611.06	3858501.99	1.94E-03	2.10E-03	3.34E-03	6.73E-07	2.03E-06	1.18E-06	1.27E-06	1.15E-06	5.25E-07	8.36E-07	2.25E-08	5.43E-07	1.20E-07	1.72E-07	2.73E-07	4.82E-08	4.39E-07	1.62E-06
1489	495661.06	3858501.99	1.94E-03	2.10E-03	3.34E-03	6.73E-07	2.03E-06	1.18E-06	1.27E-06	1.15E-06	5.25E-07	8.36E-07	2.25E-08	5.43E-07	1.20E-07	1.72E-07	2.73E-07	4.82E-08	4.39E-07	1.62E-06
1490	494311.06	3858551.99	2.59E-03	2.79E-03	4.45E-03	8.96E-07	2.70E-06	1.57E-06	1.69E-06	1.53E-06	6.99E-07	1.11E-06	2.99E-08	7.23E-07	1.59E-07	2.30E-07	3.64E-07	6.42E-08	5.84E-07	2.15E-06
1491	494361.06	3858551.99	2.60E-03	2.81E-03	4.47E-03	9.01E-07	2.72E-06	1.57E-06	1.70E-06	1.54E-06	7.03E-07	1.12E-06	3.01E-08	7.27E-07	1.60E-07	2.31E-07	3.66E-07	6.45E-08	5.88E-07	2.17E-06
1492	494411.06	3858551.99	2.62E-03	2.83E-03	4.50E-03	9.07E-07	2.74E-06	1.59E-06	1.71E-06	1.55E-06	7.08E-07	1.13E-06	3.03E-08	7.31E-07	1.61E-07	2.32E-07	3.69E-07	6.50E-08	5.92E-07	2.18E-06
1493	494461.06	3858551.99	2.61E-03	2.82E-03	4.49E-03	9.04E-07	2.73E-06	1.58E-06	1.71E-06	1.55E-06	7.05E-07	1.12E-06	3.02E-08	7.29E-07	1.61E-07	2.32E-07	3.67E-07	6.47E-08	5.90E-07	2.17E-06
1494	494511.06	3858551.99	2.59E-03	2.79E-03	4.45E-03	8.96E-07	2.70E-06	1.57E-06	1.69E-06	1.53E-06	6.99E-07	1.11E-06	2.99E-08	7.23E-07	1.59E-07	2.30E-07	3.64E-07	6.42E-08	5.84E-07	2.15E-06
1495	494561.06	3858551.99	2.57E-03	2.77E-03	4.41E-03	8.89E-07	2.68E-06	1.55E-06	1.68E-06	1.52E-06	6.94E-07	1.10E-06	2.97E-08	7.17E-07	1.58E-07	2.28E-07	3.61E-07	6.37E-08	5.80E-07	2.14E-06
1496	494611.06	3858551.99	2.54E-03	2.74E-03	4.37E-03	8.80E-07	2.66E-06	1.54E-06	1.66E-06	1.50E-06	6.87E-07	1.09E-06	2.94E-08	7.09E-07	1.57E-07	2.25E-07	3.58E-07	6.30E-08	5.74E-07	2.12E-06
1497	494661.06	3858551.99	2.52E-03	2.72E-03	4.33E-03	8.71E-07	2.63E-06	1.52E-06	1.64E-06	1.49E-06	6.80E-07	1.08E-06	2.91E-08	7.03E-07	1.55E-07	2.23E-07	3.54E-07	6.24E-08	5.68E-07	2.09E-06
1498	494711.06	3858551.99	2.47E-03	2.67E-03	4.25E-03	8.57E-07	2.59E-06	1.50E-06	1.62E-06	1.47E-06	6.69E-07	1.06E-06	2.86E-08	6.91E-07	1.52E-07	2.19E-07	3.48E-07	6.14E-08	5.59E-07	2.06E-06
1499	494761.06	3858551.99	2.43E-03	2.63E-03	4.18E-03	8.42E-07	2.54E-06	1.47E-06	1.59E-06	1.44E-06	6.57E-07	1.05E-06	2.81E-08	6.79E-07	1.50E-07	2.16E-07	3.42E-07	6.03E-08	5.49E-07	2.02E-06
1500	494811.06	3858551.99	2.40E-03	2.59E-03	4.13E-03	8.31E-07	2.51E-06	1.45E-06	1.57E-06	1.42E-06	6.49E-07	1.03E-06	2.77E-08	6.70E-07	1.48E-07	2.13E-07	3.38E-07	5.95E-08	5.42E-07	2.00E-06
1501	494861.06	3858551.99	2.36E-03	2.55E-03	4.05E-03	8.16E-07	2.46E-06	1.43E-06	1.54E-06	1.40E-06	6.37E-07	1.01E-06	2.73E-08	6.58E-07	1.45E-07	2.09E-07	3.32E-07	5.85E-08	5.32E-07	1.96E-06
1502	494911.06	3858551.99	2.31E-03	2.50E-03	3.97E-03	8.00E-07	2.42E-06	1.40E-06	1.51E-06	1.37E-06	6.25E-07	9.95E-07	2.67E-08	6.45E-07	1.42E-07	2.05E-07	3.25E-07	5.73E-08	5.22E-07	1.92E-06
1503	494961.06	3858551.99	2.27E-03	2.46E-03	3.91E-03	7.87E-07	2.38E-06	1.38E-06	1.49E-06	1.35E-06	6.15E-07	9.79E-07	2.63E-08	6.35E-07	1.40E-07	2.02E-07	3.20E-07	5.64E-08	5.14E-07	1.89E-06
1504	495011.06	3858551.99	2.23E-03	2.41E-03	3.83E-03	7.71E-07	2.33E-06	1.35E-06	1.46E-06	1.32E-06	6.02E-07	9.58E-07	2.58E-08	6.22E-07	1.37E-07	1.98E-07	3.13E-07	5.52E-08	5.03E-07	1.85E-06
1505	495061.06	3858551.99	2.20E-03	2.37E-03	3.78E-03	7.61E-07	2.30E-06	1.33E-06	1.44E-06	1.30E-06	5.94E-07	9.46E-07	2.54E-08	6.14E-07	1.36E-07	1.95E-07	3.09E-07	5.45E-08	4.97E-07	1.83E-06
1506	495111.06	3858551.99	2.14E-03	2.32E-03	3.68E-03	7.42E-07	2.24E-06	1.30E-06	1.40E-06	1.27E-06	5.79E-07	9.22E-07	2.48E-08	5.99E-07	1.32E-07	1.90E-07	3.02E-07	5.32E-08	4.84E-07	1.78E-06
1507	495161.06	3858551.99	2.11E-03	2.28E-03	3.62E-03	7.30E-07	2.20E-06	1.28E-06	1.38E-06	1.25E-06	5.70E-07	9.07E-07	2.44E-08	5.89E-07	1.30E-07	1.87E-07	2.97E-07	5.23E-08	4.76E-07	1.76E-06
1508	495211.06	3858551.99	2.08E-03	2.24E-03	3.57E-03	7.19E-07	2.17E-06	1.26E-06	1.36E-06	1.23E-06	5.61E-07	8.93E-07	2.40E-08	5.80E-07	1.28E-07	1.84E-07	2.92E-07	5.15E-08	4.69E-07	1.73E-06
1509	495261.06	3858551.99	2.06E-03	2.22E-03	3.53E-03	7.12E-07	2.15E-06	1.24E-06	1.34E-06	1.22E-06	5.56E-07	8.84E-07	2.38E-08	5.74E-07	1.27E-07	1.82E-07	2.89E-07	5.10E-08	4.64E-07	1.71E-06
1510	495311.06	3858551.99	2.04E-03	2.21E-03	3.51E-03	7.08E-07	2.14E-06	1.24E-06	1.34E-06	1.21E-06	5.52E-07	8.79E-07	2.36E-08	5.71E-07	1.26E-07	1.81E-07	2.88E-07	5.07E-08	4.61E-07	1.70E-06
1511	495361.06	3858551.99	2.03E-03	2.19E-03	3.49E-03	7.03E-07	2.12E-06	1.23E-06	1.33E-06	1.20E-06	5.49E-07	8.73E-07	2.35E-08	5.67E-07	1.25E-07	1.80E-07	2.86E-07	5.04E-08	4.58E-07	1.69E-06
1512	495411.06	3858551.99	2.02E-03	2.19E-03	3.48E-03	7.01E-07	2.12E-06	1.22E-06	1.32E-06	1.20E-06	5.47E-07	8.71E-07	2.34E-08	5.65E-07	1.25E-07	1.80E-07	2.85E-07	5.02E-08	4.57E-07	1.68E-06
1513	495461.06	3858551.99	2.01E-03	2.17E-03	3.46E-03	6.97E-07	2.10E-06	1.22E-06	1.32E-06	1.19E-06	5.44E-07	8.66E-07	2.33E-08	5.62E-07	1.24E-07	1.79E-07	2.83E-07	4.99E-08	4.54E-07	1.68E-06
1514	495511.06	3858551.99	2.01E-03	2.17E-03	3.45E-03	6.95E-07	2.10E-06	1.21E-06	1.31E-06	1.19E-06	5.42E-07	8.63E-07	2.32E-08	5.60E-07	1.24E-07	1.78E-07	2.82E-07	4.98E-08	4.53E-07	1.67E-06
1515	495561.06	3858551.99	2.00E-03	2.16E-03	3.43E-03	6.91E-07	2.09E-06	1.21E-06	1.30E-06	1.18E-06	5.39E-07	8.58E-07	2.31E-08	5.57E-07	1.23E-07	1.77E-07	2.81E-07	4.95E-08	4.51E-07	1.66E-06
1516	495611.06	3858551.99	1.98E-03	2.14E-03	3.41E-03	6.86E-07	2.07E-06	1.20E-06	1.29E-06	1.17E-06	5.36E-07	8.53E-07	2.29E-08	5.53E-07	1.22E-07	1.76E-07	2.79E-07	4.92E-08	4.47E-07	1.65E-06
1517	495661.06	3858551.99	1.97E-03	2.12E-03	3.38E-03	6.81E-07	2.06E-06	1.19E-06	1.28E-06	1.16E-06	5.31E-07	8.46E-07	2.27E-08	5.49E-07	1.21E-07	1.74E-07	2.77E-07	4.88E-08	4.44E-07	1.64E-06
1518	494311.06	3858601.99	2.47E-03	2.67E-03	4.24E-03	8.54E-07	2.58E-06	1.49E-06	1.61E-06	1.46E-06	6.67E-07	1.06E-06	2.85E-08	6.89E-07	1.52E-07	2.19E-07	3.47E-07	6.12E-08	5.57E-07	2.05E-06
1519	494361.06	3858601.99	2.58E-03	2.79E-03	4.44E-03	8.94E-07	2.70E-06	1.56E-06	1.69E-06	1.53E-06	6.98E-07	1.11E-06	2.99E-08	7.21E-07	1.59E-07	2.29E-07	3.63E-07	6.41E-08	5.83E-07	2.15E-06
1520	494411.06	3858601.99	2.67E-03	2.89E-03	4.60E-03	9.25E-07	2.79E-06	1.62E-06	1.75E-06	1.58E-06	7.23E-07	1.15E-06	3.09E-08	7.47E-07	1.65E-07	2.37E-07	3.76E-07	6.63E-08	6.04E-07	2.23E-06
1521	494461.06	3858601.99	2.66E-03	2.88E-03	4.58E-03	9.22E-07	2.78E-06	1.61E-06	1.74E-06	1.58E-06	7.20E-07	1.15E-06	3.08E-08	7.43E-07	1.64E-07	2.36E-07	3.75E-07	6.60E-08	6.01E-07	2.22E-06
1522	494511.06	3858601.99	2.63E-03	2.84E-03	4.52E-03	9.09E-07	2.74E-06	1.59E-06	1.72E-06	1.56E-06	7.10E-07	1.13E-06	3.04E-08	7.33E-07	1.62E-07	2.33E-07	3.70E-07	6.51E-08	5.93E-07	2.19E-06
1523	494561.06	3858601.99	2.63E-03	2.84E-03	4.52E-03	9.09E-07	2.75E-06	1.59E-06	1.72E-06	1.56E-06	7.10E-07	1.13E-06	3.04E-08	7.33E-07	1.62E-07	2.33E-07	3.70E-07	6.51E-08	5.93E-07	2.19E-06
1524	494611.06	3858601.99	2.59E-03	2.80E-03	4.45E-03	8.97E-07	2.71E-06	1.57E-06	1.69E-06	1.53E-06	7.00E-07	1.11E-06	2.99E-08	7.23E-07	1.60E-07	2.30E-07	3.64E-07	6.42E-08	5.85E-07	2.16E-06
1525	494661.06	3858601.99	2.56E-03	2.77E-03	4.41E-03	8.87E-07	2.68E-06	1.55E-06	1.67E-06	1.52E-06	6.93E-07	1.10E-06	2.96E-08	7.16E-07	1.58E-07	2.27E-07	3.61E-07	6.36E-08	5.79E-07	2.13E-06
1526	494711.06	3858601.99	2.52E-03	2.72E-03	4.34E-03	8.73E-07	2.64E-06	1.53E-06	1.65E-06	1.49E-06	6.82E-07	1.09E-06	2.92E-08	7.04E-07	1.55E-07	2.24E-07	3.55E-07	6.26E-08	5.70E-07	2.10E-06
1527	494761.06	3858601.99	2.48E-03	2.68E-03	4.27E-03	8.59E-07	2.59E-06	1.50E-06	1.62E-06	1.47E-06	6.71E-07	1.07E-06	2.87E-08	6.93E-07	1.53E-07	2.20E-07	3.49E-07	6.15E-08	5.60E-07	2.07E-06
1528	494811.06	3858601.99	2.42E-03	2.62E-03	4.17E-03	8.39E-07	2.53E-06	1.47E-06	1.58E-06	1.44E-06	6.55E-07	1.04E-06	2.80E-08	6.77E-07	1.49E-07	2.15E-07	3.41E-07	6.01E-08	5.47E-07	2.02E-06
1529	494861.06	3858601.99	2.39E-03	2.58E-03	4.11E-03	8.28E-07	2.50E-06	1.45E-06	1.56E-06	1.42E-06	6.46E-07	1.03E-06	2.76E-08	6.68E-07	1.47E-07	2.12E-07	3.37E-07	5.93E-08	5.40E-07	1.99E-06
1530	494911.06	3858601.99	2.34E-03	2.52E-03	4.02E-03	8.09E-07	2.44E-06	1.41E-06	1.53E-06	1.38E-06	6.32E-07	1.01E-06	2.70E-08	6.53E-07	1.44E-07	2.07E-07	3.29E-07	5.80E-08	5.28E-07	1.95E-06
1531	494961.06	3858601.99	2.30E-03	2.48E-03	3.95E-03	7.96E-07	2.40E-06	1.39E-06	1.50E-06	1.36E-06	6.22E-07	9.90E-07	2.66E-08	6.42E-07	1.42E-07	2.04E-07	3.24E-07	5.71E-08	5.19E-07	1.91E-06
1532	495011.06	3858601.99	2.26E-03	2.44E-03	3.89E-03	7.83E-07	2.36E-06	1.37E-06	1.48E-06	1.34E-06	6.11E-07	9.73E-07	2.61E-08	6.31E-07	1.39E-07	2.01E-07	3.18E-07	5.61E-08	5.11E-07	1.88E-06
1533	495061.06	3858601.99	2.22E-03	2.40E-03	3.82E-03	7.69E-07	2.32E-06	1.34E-06	1.45E-06	1.32E-06	6.00E-07	9.55E-07	2.57E-08	6.20E-07	1.37E-07	1.97E-07	3.13E-07	5.51E-08	5.01E-07	1.85E-06
1534	495111.06	3858601.99	2.16E-03	2.34E-03	3.72E-03	7.49E-07	2.26E-06	1.31E-06	1.41E-06	1.28E-06	5.84E-07	9.30E-07	2.50E-08	6.04E-07	1.33E-07	1.92E-07	3.04E-07	5.36E-08	4.88E-07	1.80E-06
1535	495161.06	3858601.99	2.13E-03	2.30E-03	3.66E-03	7.38E-07	2.23E-06	1.29E-06	1.39E-06	1.26E-06	5.76E-07	9.16E-07	2.46E-08	5.95E-07	1.31E-07	1.89E-07	3.00E-07	5.28E-08	4.81E-07	1.77E-06
1536	495211.06	3858601.99	2.11E-03	2.28E-03	3.63E-03	7.30E-07	2.21E-06	1.28E-06	1.38E-06	1.25E-06	5.70E-07	9.07E-07	2.44E-08	5.89E-07	1.30E-07	1.87E-07	2.97E-07	5.23E-08	4.76E-07	1.76E-06
1537	495261.06	3858601.99	2.09E-03	2.25E-03	3.59E-03	7.22E-07	2.18E-06	1.26E-06	1.36E-06	1.24E-06	5.64E-07	8.97E-07	2.41E-08	5.83E-07	1.29E-07	1.85E-07	2.94E-07	5.17E-08	4.71E-07	1.74E-06
1538	495311.06	3858601.99	2.07E-03	2.23E-03	3.56E-03	7.16E-07	2.16E-06	1.25E-06	1.35E-06	1.23E-06	5.59E-07	8.90E-07	2.39E-08	5.78E-07	1.27E-07	1.84E-07	2.91E-07	5.13E-08	4.67E-07	1.72E-06
1539	495361.06	3858601.99	2.06E-03	2.22E-03	3.54E-03	7.13E-07	2.15E-06	1.25E-06	1.35E-06	1.22E-06	5.56E-07	8.85E-07	2.38E-08	5.75E-07	1.27E-07	1.83E-07	2.90E-07	5.11E-08	4.65E-07	1.71E-06
1540	495411.06	3858601.99	2.05E-03	2.21E-03	3.52E-03	7.09E-07	2.14E-06	1.24E-06	1.34E-06	1.21E-06	5.54E-07	8.81E-07	2.37E-08	5.72E-07	1.26E-07	1.82E-07	2.88E-07	5.08E-08	4.62E-07	1.71E-06
1541	495461.06	3858601.99	2.04E-03	2.20E-03	3.51E-03	7.06E-07	2.13E-06	1.23E-06	1.33E-06	1.21E-06	5.51E-07	8.78E-07	2.36E-08	5.70E-07	1.26E-07	1.81E-07	2.87E-07	5.06E-08	4.61E-07	1.70E-06
1542	495511.06	3858601.99	2.02E-03	2.18E-03	3.48E-03	7.00E-07	2.11E-06	1.22E-06	1.32E-06	1.20E-06	5.47E-07	8.70E-07	2.34E-08	5.65E-07	1.25E-07	1.79E-07	2.85E-07	5.02E-08	4.57E-07	1.68E-06
1543	495561.06	3858601.99	2.02E-03	2.18E-03	3.47E-03	6.99E-07	2.11E-06	1.22E-06	1.32E-06	1.20E-06	5.46E-07	8.68E-07	2.33E-08	5.64E-07	1.24E-07	1.79E-07	2.84E-07	5.01E-08	4.56E-07	1.68E-06
1544	495611.06	3858601.99	2.00E-03	2.16E-03	3.43E-03	6.92E-07	2.09E-06	1.21E-06	1.31E-06	1.18E-06	5.40E-07	8.59E-07	2.31E-08	5.58E-07	1.23E-07	1.77E-07	2.81E-07	4.96E-08	4.51E-07	1.66E-06
1545	495661.06	3858601.99	1.99E-03	2.15E-03	3.42E-03	6.89E-07	2.08E-06	1.21E-06	1.30E-06	1.18E-06	5.38E-07	8.57E-07	2.30E-08	5.56E-07	1.23E-07	1.77E-07	2.80E-07	4.94E-08	4.50E-07	1.66E-06
1546	494311.06	3858651.99	2.44E-03	2.64E-03	4.20E-03	8.46E-07	2.55E-06	1.48E-06	1.60E-06	1.45E-06	6.60E-07	1.05E-06	2.82E-08	6.82E-07	1.51E-07	2.17E-07	3.44E-07	6.06E-08	5.51E-07	2.03E-06
1547	494361.06	3858651.99	2.55E-03	2.76E-03	4.39E-03	8.84E-07	2.67E-06	1.55E-06	1.67E-06	1.51E-06	6.90E-07	1.10E-06	2.95E-08	7.13E-07	1.57E-07	2.27E-07	3.60E-07	6.34E-08	5.77E-07	2.13E-06
1548	494411.06	3858651.99	2.69E-03	2.90E-03	4.63E-03	9.31E-07	2.81E-06	1.63E-06	1.76E-06	1.59E-06	7.27E-07	1.16E-06	3.11E-08	7.51E-07	1.66E-07	2.39E-07	3.79E-07	6.67E-08	6.08E-07	2.24E-06
1549	494461.06	3858651.99	2.70E-03	2.92E-03	4.65E-03	9.36E-07	2.83E-06	1.64E-06	1.77E-06	1.60E-06	7.31E-07	1.16E-06	3.13E-08	7.55E-07	1.67E-07	2.40E-07	3.81E-07	6.71E-08	6.11E-07	2.25E-06
1550	494511.06	3858651.99	2.68E-03	2.90E-03	4.61E-03	9.28E-07	2.80E-06	1.62E-06	1.75E-06	1.59E-06	7.25E-07	1.15E-06	3.10E-08	7.49E-07	1.65E-07	2.38E-07	3.77E-07	6.65E-08	6.06E-07	2.23E-06
1551	494561.06	3858651.99	2.67E-03	2.88E-03	4.58E-03	9.23E-07	2.79E-06	1.61E-06	1.74E-06	1.58E-06	7.20E-07	1.15E-06	3.08E-08	7.44E-07	1.64E-07	2.36E-07	3.75E-07	6.61E-08	6.02E-07	2.22E-06
1552	494611.06	3858651.99	2.64E-03	2.85E-03	4.55E-03	9.15E-07	2.76E-06	1.60E-06	1.73E-06	1.57E-06	7.14E-07	1.14E-06	3.06E-08	7.38E-07	1.63E-07	2.34E-07	3.72E-07	6.56E-08	5.97E-07	2.20E-06
1553	494661.06	3858651.99	2.61E-03	2.82E-03	4.49E-03	9.03E-07	2.73E-06	1.58E-06	1.70E-06	1.55E-06	7.05E-07	1.12E-06	3.02E-08	7.28E-07	1.61E-07	2.31E-07	3.67E-07	6.47E-08	5.89E-07	2.17E-06
1554	494711.06	3858651.99	2.56E-03	2.77E-03	4.41E-03	8.87E-07	2.68E-06	1.55E-06	1.67E-06	1.52E-06	6.93E-07	1.10E-06	2.96E-08	7.15E-07	1.58E-07	2.27E-07	3.61E-07	6.36E-08	5.79E-07	2.13E-06
1555	494761.06	3858651.99	2.53E-03	2.73E-03	4.34E-03	8.74E-07	2.64E-06	1.53E-06	1.65E-06	1.50E-06	6.83E-07	1.09E-06	2.92E-08	7.05E-07	1.56E-07	2.24E-07	3.55E-07	6.26E-08	5.71E-07	2.10E-06
1556	494811.06	3858651.99	2.47E-03	2.67E-03	4.25E-03	8.56E-07	2.59E-06	1.50E-06	1.62E-06	1.46E-06	6.68E-07	1.06E-06	2.86E-08	6.91E-07	1.52E-07	2.19E-07	3.48E-07	6.13E-08	5.59E-07	2.06E-06
1557	494861.06	3858651.99	2.42E-03	2.62E-03	4.17E-03	8.39E-07	2.53E-06	1.47E-06	1.58E-06	1.44E-06	6.55E-07	1.04E-06	2.80E-08	6.77E-07	1.49E-07	2.15E-07	3.41E-07	6.01E-08	5.47E-07	2.02E-06
1558	494911.06	3858651.99	2.37E-03	2.56E-03	4.08E-03	8.21E-07	2.48E-06	1.43E-06	1.55E-06	1.40E-06	6.41E-07	1.02E-06	2.74E-08	6.62E-07	1.46E-07	2.10E-07	3.34E-07	5.88E-08	5.35E-07	1.97E-06
1559	494961.06	3858651.99	2.32E-03	2.51E-03	4.00E-03	8.05E-07	2.43E-06	1.41E-06	1.52E-06	1.38E-06	6.28E-07	1.00E-06	2.69E-08	6.49E-07	1.43E-07	2.06E-07	3.27E-07	5.76E-08	5.25E-07	1.93E-06
1560	495011.06	3858651.99	2.29E-03	2.47E-03	3.93E-03	7.92E-07	2.39E-06	1.38E-06	1.49E-06	1.36E-06	6.18E-07	9.84E-07	2.64E-08	6.39E-07	1.41E-07	2.03E-07	3.22E-07	5.67E-08	5.17E-07	1.90E-06
1561	495061.06	3858651.99	2.25E-03	2.43E-03	3.86E-03	7.78E-07	2.35E-06	1.36E-06	1.47E-06	1.33E-06	6.07E-07	9.67E-07	2.60E-08	6.27E-07	1.38E-07	1.99E-07	3.16E-07	5.57E-08	5.07E-07	1.87E-06
1562	495111.06	3858651.99	2.20E-03	2.37E-03	3.78E-03	7.61E-07	2.30E-06	1.33E-06	1.44E-06	1.30E-06	5.94E-07	9.46E-07	2.54E-08	6.14E-07	1.35E-07	1.95E-07	3.09E-07	5.45E-08	4.96E-07	1.83E-06
1563	495161.06	3858651.99	2.17E-03	2.34E-03	3.73E-03	7.51E-07	2.27E-06	1.31E-06	1.42E-06	1.28E-06	5.86E-07	9.33E-07	2.51E-08	6.06E-07	1.34E-07	1.92E-07	3.05E-07	5.38E-08	4.90E-07	1.81E-06
1564	495211.06	3858651.99	2.13E-03	2.30E-03	3.67E-03	7.38E-07	2.23E-06	1.29E-06	1.39E-06	1.26E-06	5.77E-07	9.18E-07	2.47E-08	5.96E-07	1.31E-07	1.89E-07	3.00E-07	5.29E-08	4.82E-07	1.78E-06
1565	495261.06	3858651.99	2.12E-03	2.29E-03	3.65E-03	7.35E-07	2.22E-06	1.28E-06	1.39E-06	1.26E-06	5.74E-07	9.13E-07	2.45E-08	5.93E-07	1.31E-07	1.88E-07	2.99E-07	5.26E-08	4.79E-07	1.77E-06
1566	495311.06	3858651.99	2.10E-03	2.27E-03	3.62E-03	7.28E-07	2.20E-06	1.27E-06	1.37E-06	1.25E-06	5.69E-07	9.05E-07	2.43E-08	5.87E-07	1.30E-07	1.87E-07	2.96E-07	5.22E-08	4.75E-07	1.75E-06
1567	495361.06	3858651.99	2.09E-03	2.26E-03	3.60E-03	7.24E-07	2.19E-06	1.27E-06	1.37E-06	1.24E-06	5.65E-07	9.00E-07	2.42E-08	5.84E-07	1.29E-07	1.86E-07	2.94E-07	5.19E-08	4.72E-07	1.74E-06
1568	495411.06	3858651.99	2.08E-03	2.25E-03	3.58E-03	7.22E-07	2.18E-06	1.26E-06	1.36E-06	1.23E-06	5.63E-07	8.97E-07	2.41E-08	5.82E-07	1.28E-07	1.85E-07	2.93E-07	5.17E-08	4.71E-07	1.74E-06

1569	495461.06	3858651.99	2.08E-03	2.25E-03	3.58E-03	7.21E-07	2.18E-06	1.26E-06	1.36E-06	1.23E-06	5.63E-07	8.96E-07	2.41E-08	5.81E-07	1.28E-07	1.85E-07	2.93E-07	5.16E-08	4.70E-07	1.73E-06
1570	495511.06	3858651.99	2.06E-03	2.23E-03	3.54E-03	7.13E-07	2.15E-06	1.25E-06	1.35E-06	1.22E-06	5.57E-07	8.87E-07	2.38E-08	5.75E-07	1.27E-07	1.83E-07	2.90E-07	5.11E-08	4.65E-07	1.72E-06
1571	495561.06	3858651.99	2.05E-03	2.21E-03	3.52E-03	7.08E-07	2.14E-06	1.24E-06	1.34E-06	1.21E-06	5.53E-07	8.80E-07	2.36E-08	5.71E-07	1.26E-07	1.81E-07	2.88E-07	5.07E-08	4.62E-07	1.70E-06
1572	495611.06	3858651.99	2.02E-03	2.18E-03	3.47E-03	7.00E-07	2.11E-06	1.22E-06	1.32E-06	1.20E-06	5.46E-07	8.69E-07	2.34E-08	5.64E-07	1.25E-07	1.79E-07	2.84E-07	5.01E-08	4.56E-07	1.68E-06
1573	495661.06	3858651.99	2.01E-03	2.17E-03	3.46E-03	6.97E-07	2.10E-06	1.22E-06	1.32E-06	1.19E-06	5.44E-07	8.66E-07	2.33E-08	5.62E-07	1.24E-07	1.79E-07	2.83E-07	4.99E-08	4.55E-07	1.68E-06
1574	494311.06	3858701.99	2.47E-03	2.67E-03	4.25E-03	8.56E-07	2.59E-06	1.50E-06	1.62E-06	1.47E-06	6.69E-07	1.06E-06	2.86E-08	6.91E-07	1.52E-07	2.19E-07	3.48E-07	6.14E-08	5.58E-07	2.06E-06
1575	494361.06	3858701.99	2.63E-03	2.84E-03	4.53E-03	9.12E-07	2.75E-06	1.59E-06	1.72E-06	1.56E-06	7.12E-07	1.13E-06	3.04E-08	7.35E-07	1.62E-07	2.34E-07	3.71E-07	6.53E-08	5.95E-07	2.19E-06
1576	494411.06	3858701.99	2.73E-03	2.95E-03	4.69E-03	9.44E-07	2.85E-06	1.65E-06	1.78E-06	1.62E-06	7.37E-07	1.17E-06	3.15E-08	7.62E-07	1.68E-07	2.42E-07	3.84E-07	6.77E-08	6.16E-07	2.27E-06
1577	494461.06	3858701.99	2.73E-03	2.94E-03	4.69E-03	9.43E-07	2.85E-06	1.65E-06	1.78E-06	1.61E-06	7.37E-07	1.17E-06	3.15E-08	7.61E-07	1.68E-07	2.42E-07	3.84E-07	6.76E-08	6.16E-07	2.27E-06
1578	494511.06	3858701.99	2.72E-03	2.94E-03	4.69E-03	9.43E-07	2.85E-06	1.65E-06	1.78E-06	1.61E-06	7.36E-07	1.17E-06	3.15E-08	7.61E-07	1.68E-07	2.42E-07	3.83E-07	6.76E-08	6.16E-07	2.27E-06
1579	494561.06	3858701.99	2.70E-03	2.92E-03	4.65E-03	9.36E-07	2.82E-06	1.64E-06	1.77E-06	1.60E-06	7.30E-07	1.16E-06	3.12E-08	7.55E-07	1.67E-07	2.40E-07	3.80E-07	6.70E-08	6.11E-07	2.25E-06
1580	494611.06	3858701.99	2.65E-03	2.86E-03	4.55E-03	9.16E-07	2.77E-06	1.60E-06	1.73E-06	1.57E-06	7.15E-07	1.14E-06	3.06E-08	7.39E-07	1.63E-07	2.35E-07	3.72E-07	6.56E-08	5.98E-07	2.20E-06
1581	494661.06	3858701.99	2.64E-03	2.85E-03	4.54E-03	9.14E-07	2.76E-06	1.60E-06	1.73E-06	1.56E-06	7.14E-07	1.14E-06	3.05E-08	7.37E-07	1.63E-07	2.34E-07	3.72E-07	6.55E-08	5.97E-07	2.20E-06
1582	494711.06	3858701.99	2.53E-03	2.73E-03	4.34E-03	8.74E-07	2.64E-06	1.53E-06	1.65E-06	1.50E-06	6.82E-07	1.09E-06	2.92E-08	7.05E-07	1.56E-07	2.24E-07	3.55E-07	6.26E-08	5.70E-07	2.10E-06
1583	494761.06	3858701.99	2.55E-03	2.75E-03	4.38E-03	8.81E-07	2.66E-06	1.54E-06	1.66E-06	1.51E-06	6.88E-07	1.10E-06	2.94E-08	7.11E-07	1.57E-07	2.26E-07	3.58E-07	6.31E-08	5.75E-07	2.12E-06
1584	494811.06	3858701.99	2.49E-03	2.69E-03	4.29E-03	8.63E-07	2.60E-06	1.51E-06	1.63E-06	1.48E-06	6.74E-07	1.07E-06	2.88E-08	6.96E-07	1.54E-07	2.21E-07	3.51E-07	6.18E-08	5.63E-07	2.07E-06
1585	494861.06	3858701.99	2.45E-03	2.65E-03	4.21E-03	8.48E-07	2.56E-06	1.48E-06	1.60E-06	1.45E-06	6.62E-07	1.05E-06	2.83E-08	6.84E-07	1.51E-07	2.17E-07	3.45E-07	6.08E-08	5.53E-07	2.04E-06
1586	494911.06	3858701.99	2.41E-03	2.61E-03	4.15E-03	8.35E-07	2.52E-06	1.46E-06	1.58E-06	1.43E-06	6.52E-07	1.04E-06	2.79E-08	6.74E-07	1.49E-07	2.14E-07	3.40E-07	5.98E-08	5.45E-07	2.01E-06
1587	494961.06	3858701.99	2.34E-03	2.53E-03	4.02E-03	8.10E-07	2.45E-06	1.42E-06	1.53E-06	1.39E-06	6.33E-07	1.01E-06	2.71E-08	6.54E-07	1.44E-07	2.08E-07	3.29E-07	5.81E-08	5.29E-07	1.95E-06
1588	495011.06	3858701.99	2.30E-03	2.48E-03	3.95E-03	7.95E-07	2.40E-06	1.39E-06	1.50E-06	1.36E-06	6.20E-07	9.88E-07	2.65E-08	6.41E-07	1.41E-07	2.04E-07	3.23E-07	5.69E-08	5.18E-07	1.91E-06
1589	495061.06	3858701.99	2.27E-03	2.46E-03	3.91E-03	7.88E-07	2.38E-06	1.38E-06	1.49E-06	1.35E-06	6.15E-07	9.79E-07	2.63E-08	6.35E-07	1.40E-07	2.02E-07	3.20E-07	5.64E-08	5.14E-07	1.89E-06
1590	495111.06	3858701.99	2.22E-03	2.40E-03	3.82E-03	7.70E-07	2.32E-06	1.35E-06	1.45E-06	1.32E-06	6.01E-07	9.57E-07	2.57E-08	6.21E-07	1.37E-07	1.97E-07	3.13E-07	5.52E-08	5.02E-07	1.85E-06
1591	495161.06	3858701.99	2.20E-03	2.37E-03	3.78E-03	7.61E-07	2.30E-06	1.33E-06	1.44E-06	1.30E-06	5.94E-07	9.45E-07	2.54E-08	6.14E-07	1.35E-07	1.95E-07	3.09E-07	5.45E-08	4.96E-07	1.83E-06
1592	495211.06	3858701.99	2.16E-03	2.34E-03	3.72E-03	7.49E-07	2.26E-06	1.31E-06	1.41E-06	1.28E-06	5.84E-07	9.30E-07	2.50E-08	6.04E-07	1.33E-07	1.92E-07	3.04E-07	5.36E-08	4.88E-07	1.80E-06
1593	495261.06	3858701.99	2.15E-03	2.32E-03	3.70E-03	7.45E-07	2.25E-06	1.30E-06	1.41E-06	1.28E-06	5.82E-07	9.26E-07	2.49E-08	6.01E-07	1.33E-07	1.91E-07	3.03E-07	5.34E-08	4.86E-07	1.79E-06
1594	495311.06	3858701.99	2.14E-03	2.31E-03	3.68E-03	7.42E-07	2.24E-06	1.30E-06	1.40E-06	1.27E-06	5.79E-07	9.22E-07	2.48E-08	5.99E-07	1.32E-07	1.90E-07	3.02E-07	5.32E-08	4.84E-07	1.78E-06
1595	495361.06	3858701.99	2.13E-03	2.30E-03	3.66E-03	7.37E-07	2.23E-06	1.29E-06	1.39E-06	1.26E-06	5.75E-07	9.16E-07	2.46E-08	5.94E-07	1.31E-07	1.89E-07	3.00E-07	5.28E-08	4.81E-07	1.77E-06
1596	495411.06	3858701.99	2.12E-03	2.29E-03	3.65E-03	7.35E-07	2.22E-06	1.29E-06	1.39E-06	1.26E-06	5.74E-07	9.14E-07	2.46E-08	5.93E-07	1.31E-07	1.88E-07	2.99E-07	5.27E-08	4.80E-07	1.77E-06
1597	495461.06	3858701.99	2.11E-03	2.28E-03	3.63E-03	7.31E-07	2.21E-06	1.28E-06	1.38E-06	1.25E-06	5.71E-07	9.09E-07	2.44E-08	5.90E-07	1.30E-07	1.87E-07	2.97E-07	5.24E-08	4.77E-07	1.76E-06
1598	495511.06	3858701.99	2.10E-03	2.26E-03	3.60E-03	7.26E-07	2.19E-06	1.27E-06	1.37E-06	1.24E-06	5.66E-07	9.02E-07	2.42E-08	5.85E-07	1.29E-07	1.86E-07	2.95E-07	5.20E-08	4.73E-07	1.74E-06
1599	495561.06	3858701.99	2.08E-03	2.24E-03	3.57E-03	7.18E-07	2.17E-06	1.26E-06	1.36E-06	1.23E-06	5.61E-07	8.93E-07	2.40E-08	5.80E-07	1.28E-07	1.84E-07	2.92E-07	5.15E-08	4.69E-07	1.73E-06
1600	495611.06	3858701.99	2.06E-03	2.22E-03	3.53E-03	7.11E-07	2.15E-06	1.24E-06	1.34E-06	1.22E-06	5.55E-07	8.84E-07	2.38E-08	5.74E-07	1.27E-07	1.82E-07	2.89E-07	5.10E-08	4.64E-07	1.71E-06
1601	495661.06	3858701.99	2.04E-03	2.21E-03	3.51E-03	7.07E-07	2.13E-06	1.24E-06	1.33E-06	1.21E-06	5.52E-07	8.79E-07	2.36E-08	5.70E-07	1.26E-07	1.81E-07	2.87E-07	5.06E-08	4.61E-07	1.70E-06
1602	494311.06	3858751.99	2.51E-03	2.71E-03	4.32E-03	8.70E-07	2.63E-06	1.52E-06	1.64E-06	1.49E-06	6.79E-07	1.08E-06	2.91E-08	7.02E-07	1.55E-07	2.23E-07	3.54E-07	6.23E-08	5.68E-07	2.09E-06
1603	494361.06	3858751.99	2.70E-03	2.92E-03	4.65E-03	9.36E-07	2.83E-06	1.64E-06	1.77E-06	1.60E-06	7.31E-07	1.16E-06	3.12E-08	7.55E-07	1.67E-07	2.40E-07	3.80E-07	6.70E-08	6.11E-07	2.25E-06
1604	494411.06	3858751.99	2.77E-03	3.00E-03	4.77E-03	9.61E-07	2.90E-06	1.68E-06	1.81E-06	1.64E-06	7.50E-07	1.19E-06	3.21E-08	7.75E-07	1.71E-07	2.46E-07	3.91E-07	6.88E-08	6.27E-07	2.31E-06
1605	494461.06	3858751.99	2.77E-03	2.99E-03	4.77E-03	9.59E-07	2.90E-06	1.68E-06	1.81E-06	1.64E-06	7.49E-07	1.19E-06	3.20E-08	7.74E-07	1.71E-07	2.46E-07	3.90E-07	6.87E-08	6.26E-07	2.31E-06
1606	494511.06	3858751.99	2.78E-03	3.00E-03	4.78E-03	9.61E-07	2.90E-06	1.68E-06	1.81E-06	1.65E-06	7.51E-07	1.20E-06	3.21E-08	7.76E-07	1.71E-07	2.46E-07	3.91E-07	6.89E-08	6.28E-07	2.31E-06
1607	494561.06	3858751.99	2.74E-03	2.96E-03	4.71E-03	9.48E-07	2.86E-06	1.66E-06	1.79E-06	1.62E-06	7.40E-07	1.18E-06	3.17E-08	7.65E-07	1.69E-07	2.43E-07	3.86E-07	6.79E-08	6.19E-07	2.28E-06
1608	494611.06	3858751.99	2.69E-03	2.91E-03	4.63E-03	9.33E-07	2.82E-06	1.63E-06	1.76E-06	1.60E-06	7.28E-07	1.16E-06	3.11E-08	7.52E-07	1.66E-07	2.39E-07	3.79E-07	6.68E-08	6.09E-07	2.24E-06
1609	494661.06	3858751.99	2.66E-03	2.88E-03	4.58E-03	9.22E-07	2.78E-06	1.61E-06	1.74E-06	1.58E-06	7.20E-07	1.15E-06	3.08E-08	7.44E-07	1.64E-07	2.36E-07	3.75E-07	6.61E-08	6.02E-07	2.22E-06
1610	494711.06	3858751.99	2.60E-03	2.80E-03	4.47E-03	8.99E-07	2.71E-06	1.57E-06	1.70E-06	1.54E-06	7.02E-07	1.12E-06	3.00E-08	7.25E-07	1.60E-07	2.30E-07	3.65E-07	6.44E-08	5.87E-07	2.16E-06
1611	494761.06	3858751.99	2.58E-03	2.78E-03	4.44E-03	8.93E-07	2.70E-06	1.56E-06	1.68E-06	1.53E-06	6.97E-07	1.11E-06	2.98E-08	7.20E-07	1.59E-07	2.29E-07	3.63E-07	6.40E-08	5.83E-07	2.15E-06
1612	494811.06	3858751.99	2.52E-03	2.72E-03	4.34E-03	8.73E-07	2.63E-06	1.53E-06	1.65E-06	1.49E-06	6.81E-07	1.09E-06	2.91E-08	7.04E-07	1.55E-07	2.24E-07	3.55E-07	6.25E-08	5.69E-07	2.10E-06
1613	494861.06	3858751.99	2.47E-03	2.67E-03	4.25E-03	8.55E-07	2.58E-06	1.49E-06	1.61E-06	1.46E-06	6.68E-07	1.06E-06	2.86E-08	6.90E-07	1.52E-07	2.19E-07	3.48E-07	6.13E-08	5.58E-07	2.06E-06
1614	494911.06	3858751.99	2.41E-03	2.61E-03	4.15E-03	8.36E-07	2.52E-06	1.46E-06	1.58E-06	1.43E-06	6.53E-07	1.04E-06	2.79E-08	6.74E-07	1.49E-07	2.14E-07	3.40E-07	5.99E-08	5.45E-07	2.01E-06
1615	494961.06	3858751.99	2.37E-03	2.56E-03	4.08E-03	8.22E-07	2.48E-06	1.44E-06	1.55E-06	1.41E-06	6.42E-07	1.02E-06	2.75E-08	6.63E-07	1.46E-07	2.11E-07	3.34E-07	5.89E-08	5.36E-07	1.98E-06
1616	495011.06	3858751.99	2.35E-03	2.53E-03	4.04E-03	8.12E-07	2.45E-06	1.42E-06	1.53E-06	1.39E-06	6.34E-07	1.01E-06	2.71E-08	6.55E-07	1.45E-07	2.08E-07	3.30E-07	5.82E-08	5.30E-07	1.95E-06
1617	495061.06	3858751.99	2.31E-03	2.49E-03	3.96E-03	7.98E-07	2.41E-06	1.39E-06	1.51E-06	1.37E-06	6.23E-07	9.92E-07	2.66E-08	6.44E-07	1.42E-07	2.04E-07	3.24E-07	5.72E-08	5.20E-07	1.92E-06
1618	495111.06	3858751.99	2.26E-03	2.44E-03	3.88E-03	7.81E-07	2.36E-06	1.37E-06	1.47E-06	1.34E-06	6.10E-07	9.71E-07	2.61E-08	6.30E-07	1.39E-07	2.00E-07	3.18E-07	5.60E-08	5.10E-07	1.88E-06
1619	495161.06	3858751.99	2.23E-03	2.41E-03	3.83E-03	7.72E-07	2.33E-06	1.35E-06	1.46E-06	1.32E-06	6.02E-07	9.59E-07	2.58E-08	6.22E-07	1.37E-07	1.98E-07	3.14E-07	5.53E-08	5.03E-07	1.86E-06
1620	495211.06	3858751.99	2.19E-03	2.37E-03	3.77E-03	7.60E-07	2.29E-06	1.33E-06	1.43E-06	1.30E-06	5.93E-07	9.44E-07	2.54E-08	6.13E-07	1.35E-07	1.95E-07	3.09E-07	5.44E-08	4.95E-07	1.83E-06
1621	495261.06	3858751.99	2.18E-03	2.36E-03	3.75E-03	7.56E-07	2.28E-06	1.32E-06	1.43E-06	1.29E-06	5.90E-07	9.39E-07	2.52E-08	6.09E-07	1.34E-07	1.94E-07	3.07E-07	5.41E-08	4.93E-07	1.82E-06
1622	495311.06	3858751.99	2.17E-03	2.35E-03	3.74E-03	7.53E-07	2.27E-06	1.32E-06	1.42E-06	1.29E-06	5.87E-07	9.35E-07	2.51E-08	6.07E-07	1.34E-07	1.93E-07	3.06E-07	5.39E-08	4.91E-07	1.81E-06
1623	495361.06	3858751.99	2.16E-03	2.33E-03	3.71E-03	7.48E-07	2.26E-06	1.31E-06	1.41E-06	1.28E-06	5.84E-07	9.29E-07	2.50E-08	6.03E-07	1.33E-07	1.92E-07	3.04E-07	5.36E-08	4.88E-07	1.80E-06
1624	495411.06	3858751.99	2.16E-03	2.33E-03	3.71E-03	7.47E-07	2.26E-06	1.31E-06	1.41E-06	1.28E-06	5.83E-07	9.28E-07	2.49E-08	6.03E-07	1.33E-07	1.91E-07	3.04E-07	5.35E-08	4.87E-07	1.80E-06
1625	495461.06	3858751.99	2.15E-03	2.32E-03	3.69E-03	7.43E-07	2.24E-06	1.30E-06	1.40E-06	1.27E-06	5.80E-07	9.24E-07	2.48E-08	5.99E-07	1.32E-07	1.90E-07	3.02E-07	5.32E-08	4.85E-07	1.79E-06
1626	495511.06	3858751.99	2.13E-03	2.30E-03	3.66E-03	7.37E-07	2.23E-06	1.29E-06	1.39E-06	1.26E-06	5.75E-07	9.16E-07	2.46E-08	5.94E-07	1.31E-07	1.89E-07	3.00E-07	5.28E-08	4.81E-07	1.77E-06
1627	495561.06	3858751.99	2.11E-03	2.28E-03	3.63E-03	7.30E-07	2.20E-06	1.28E-06	1.38E-06	1.25E-06	5.70E-07	9.08E-07	2.44E-08	5.89E-07	1.30E-07	1.87E-07	2.97E-07	5.23E-08	4.76E-07	1.76E-06
1628	495611.06	3858751.99	2.09E-03	2.26E-03	3.59E-03	7.23E-07	2.18E-06	1.26E-06	1.37E-06	1.24E-06	5.65E-07	8.99E-07	2.42E-08	5.83E-07	1.29E-07	1.85E-07	2.94E-07	5.18E-08	4.72E-07	1.74E-06
1629	495661.06	3858751.99	2.07E-03	2.24E-03	3.57E-03	7.18E-07	2.17E-06	1.25E-06	1.35E-06	1.23E-06	5.60E-07	8.92E-07	2.40E-08	5.79E-07	1.28E-07	1.84E-07	2.92E-07	5.14E-08	4.68E-07	1.73E-06
1630	494311.06	3858801.99	2.59E-03	2.80E-03	4.45E-03	8.97E-07	2.71E-06	1.57E-06	1.69E-06	1.53E-06	7.00E-07	1.11E-06	2.99E-08	7.23E-07	1.60E-07	2.30E-07	3.65E-07	6.42E-08	5.85E-07	2.16E-06
1631	494361.06	3858801.99	2.76E-03	2.98E-03	4.74E-03	9.54E-07	2.88E-06	1.67E-06	1.80E-06	1.63E-06	7.45E-07	1.19E-06	3.19E-08	7.70E-07	1.70E-07	2.45E-07	3.88E-07	6.84E-08	6.23E-07	2.30E-06
1632	494411.06	3858801.99	2.79E-03	3.02E-03	4.81E-03	9.67E-07	2.92E-06	1.69E-06	1.83E-06	1.65E-06	7.55E-07	1.20E-06	3.23E-08	7.80E-07	1.72E-07	2.48E-07	3.93E-07	6.93E-08	6.31E-07	2.33E-06
1633	494461.06	3858801.99	2.81E-03	3.03E-03	4.83E-03	9.72E-07	2.94E-06	1.70E-06	1.84E-06	1.66E-06	7.59E-07	1.21E-06	3.25E-08	7.84E-07	1.73E-07	2.49E-07	3.95E-07	6.97E-08	6.35E-07	2.34E-06
1634	494511.06	3858801.99	2.82E-03	3.05E-03	4.85E-03	9.76E-07	2.95E-06	1.71E-06	1.84E-06	1.67E-06	7.62E-07	1.21E-06	3.26E-08	7.87E-07	1.74E-07	2.50E-07	3.97E-07	6.99E-08	6.37E-07	2.35E-06
1635	494561.06	3858801.99	2.80E-03	3.03E-03	4.82E-03	9.71E-07	2.93E-06	1.70E-06	1.83E-06	1.66E-06	7.58E-07	1.21E-06	3.24E-08	7.83E-07	1.73E-07	2.49E-07	3.95E-07	6.95E-08	6.34E-07	2.33E-06
1636	494611.06	3858801.99	2.77E-03	3.00E-03	4.77E-03	9.60E-07	2.90E-06	1.68E-06	1.81E-06	1.64E-06	7.50E-07	1.19E-06	3.21E-08	7.75E-07	1.71E-07	2.46E-07	3.90E-07	6.88E-08	6.27E-07	2.31E-06
1637	494661.06	3858801.99	2.73E-03	2.94E-03	4.69E-03	9.43E-07	2.85E-06	1.65E-06	1.78E-06	1.61E-06	7.37E-07	1.17E-06	3.15E-08	7.61E-07	1.68E-07	2.42E-07	3.84E-07	6.76E-08	6.16E-07	2.27E-06
1638	494711.06	3858801.99	2.67E-03	2.88E-03	4.59E-03	9.24E-07	2.79E-06	1.61E-06	1.74E-06	1.58E-06	7.21E-07	1.15E-06	3.08E-08	7.45E-07	1.64E-07	2.37E-07	3.75E-07	6.62E-08	6.03E-07	2.22E-06
1639	494761.06	3858801.99	2.60E-03	2.81E-03	4.48E-03	9.01E-07	2.72E-06	1.57E-06	1.70E-06	1.54E-06	7.03E-07	1.12E-06	3.01E-08	7.27E-07	1.60E-07	2.31E-07	3.66E-07	6.45E-08	5.88E-07	2.17E-06
1640	494811.06	3858801.99	2.53E-03	2.74E-03	4.36E-03	8.77E-07	2.65E-06	1.53E-06	1.66E-06	1.50E-06	6.85E-07	1.09E-06	2.93E-08	7.08E-07	1.56E-07	2.25E-07	3.57E-07	6.29E-08	5.73E-07	2.11E-06
1641	494861.06	3858801.99	2.50E-03	2.70E-03	4.30E-03	8.65E-07	2.61E-06	1.51E-06	1.63E-06	1.48E-06	6.76E-07	1.08E-06	2.89E-08	6.98E-07	1.54E-07	2.22E-07	3.52E-07	6.20E-08	5.65E-07	2.08E-06
1642	494911.06	3858801.99	2.45E-03	2.64E-03	4.21E-03	8.46E-07	2.56E-06	1.48E-06	1.60E-06	1.45E-06	6.61E-07	1.05E-06	2.83E-08	6.83E-07	1.51E-07	2.17E-07	3.44E-07	6.06E-08	5.52E-07	2.04E-06
1643	494961.06	3858801.99	2.41E-03	2.60E-03	4.14E-03	8.33E-07	2.51E-06	1.46E-06	1.57E-06	1.42E-06	6.50E-07	1.04E-06	2.78E-08	6.72E-07	1.48E-07	2.13E-07	3.39E-07	5.97E-08	5.43E-07	2.00E-06
1644	495011.06	3858801.99	2.36E-03	2.55E-03	4.06E-03	8.18E-07	2.47E-06	1.43E-06	1.54E-06	1.40E-06	6.39E-07	1.02E-06	2.73E-08	6.60E-07	1.46E-07	2.10E-07	3.33E-07	5.86E-08	5.34E-07	1.97E-06
1645	495061.06	3858801.99	2.34E-03	2.52E-03	4.02E-03	8.09E-07	2.44E-06	1.41E-06	1.53E-06	1.38E-06	6.32E-07	1.01E-06	2.70E-08	6.52E-07	1.44E-07	2.07E-07	3.29E-07	5.80E-08	5.28E-07	1.95E-06
1646	495111.06	3858801.99	2.28E-03	2.47E-03	3.92E-03	7.90E-07	2.39E-06	1.38E-06	1.49E-06	1.35E-06	6.17E-07	9.82E-07	2.64E-08	6.37E-07	1.41E-07	2.03E-07	3.21E-07	5.66E-08	5.15E-07	1.90E-06
1647	495161.06	3858801.99	2.24E-03	2.42E-03	3.86E-03	7.77E-07	2.35E-06	1.36E-06	1.47E-06	1.33E-06	6.07E-07	9.66E-07	2.59E-08	6.27E-07	1.38E-07	1.99E-07	3.16E-07	5.57E-08	5.07E-07	1.87E-06
1648	495211.06	3858801.99	2.22E-03	2.40E-03	3.82E-03	7.70E-07	2.32E-06	1.35E-06	1.45E-06	1.32E-06	6.01E-07	9.57E-07	2.57E-08	6.21E-07	1.37E-07	1.97E-07	3.13E-07	5.51E-08	5.02E-07	1.85E-06
1649	495261.06	3858801.99	2.21E-03	2.39E-03	3.80E-03	7.66E-07	2.31E-06	1.34E-06	1.45E-06	1.31E-06	5.98E-07	9.52E-07	2.56E-08	6.18E-07	1.36E-07	1.96E-07	3.11E-07	5.49E-08	5.00E-07	1.84E-06
1650	495311.06	3858801.99	2.21E-03	2.38E-03	3.79E-03	7.64E-07	2.31E-06	1.33E-06	1.44E-06	1.31E-06	5.96E-07	9.49E-07	2.55E-08	6.16E-07	1.36E-07	1.96E-07	3.10E-07	5.47E-08	4.98E-07	1.84E-06
1651	495361.06	3858801.99	2.19E-03	2.37E-03	3.77E-03	7.59E-07	2.29E-06	1.33E-06	1.43E-06	1.30E-06	5.93E-07	9.44E-07	2.54E-08	6.12E-07	1.35E-07	1.95E-07	3.09E-07	5.44E-08	4.95E-07	1.83E-06
1652	495411.06	3858801.99	2.20E-03	2.37E-03	3.78E-03	7.61E-07	2.30E-06	1.33E-06	1.44E-06	1.30E-06	5.94E-07	9.45E-07	2.54E-08	6.14E-07	1.35E-07	1.95E-07	3.09E-07	5.45E-08	4.96E-07	1.83E-06
1653	495461.06	3858801.99	2.18E-03	2.36E-03	3.75E-03	7.56E-07	2.28E-06	1.32E-06	1.43E-06	1.29E-06	5.90E-07	9.39E-07	2.52E-08	6.10E-07	1.34E-07	1.94E-07	3.07E-07	5.41E-08	4.93E-07	1.82E-06
1654	495511.06	3858801.99	2.16E-03	2.34E-03	3.72E-03	7.49E-07	2.26E-06	1.31E-06	1.41E-06	1.28E-06	5.84E-07	9.31E-07	2.50E-08	6.04E-07	1.33E-07	1.92E-07	3.04E-07	5.36E-08	4.88E-07	1.80E-06
1655	495561.06	3858801.99	2.15E-03	2.32E-03	3.69E-03	7.43E-07	2.24E-06	1.30E-06	1.40E-06	1.27E-06	5.80E-07	9.23E-07	2.48E-08	5.99E-07	1.32E-07	1.90E-07	3.02E-07	5.32E-08	4.84E-07	1.79E-06
1656	495611.06	3858801.99	2.12E-03	2.29E-03	3.65E-03	7.34E-07	2.22E-06	1.28E-06	1.39E-06	1.26E-06	5.73E-07	9.12E-07	2.45E-08	5.92E-07	1.31E-07	1.88E-07	2.98E-07	5.26E-08	4.79E-07	1.77E-06
1657	495661.06	3858801.99	2.11E-03	2.28E-03	3.62E-03	7.30E-07	2.20E-06	1.28E-06	1.38E-06	1.25E-06	5.70E-07	9.07E-07	2.44E-08	5.89E-07	1.30E-07	1.87E-07	2.97E-07	5.23E-08	4.76E-07	1.75E-06
1658	494311.06	3858851.99	2.77E-03	2.99E-03	4.77E-03	9.60E-07	2.90E-06	1.68E-06	1.81E-06	1.64E-06	7.49E-07	1.19E-06	3.20E-08	7.74E-07	1.71E-07	2.46E-07	3.90E-07	6.88E-08	6.26E-07	2.31E-06
1659	494361.06	3858851.99	2.87E-03	3.10E-03	4.93E-03	9.92E-07	3.00E-06	1.73E-06	1.87E-06	1.70E-06	7.75E-07	1.24E-06	3.31E-08	8.01E-07	1.77E-07	2.54E-07	4.04E-07	7.11E-08	6.48E-07	2.39E-06
1660	494411.06	3858851.99	2.86E-03	3.08E-03	4.91E-03	9.88E-07	2.98E-06	1.73E-06	1.87E-06	1.69E-06	7.72E-07	1.23E-06	3.30E-08	7.97E-07	1.76E-07	2.53E-07	4.02E-07	7.08E-08	6.46E-07	2.38E-06
1661	494461.06	3858851.99	2.86E-03	3.09E-03	4.92E-03	9.89E-07	2.99E-06	1.73E-06	1.87E-06	1.69E-06	7.72E-07	1.23E-06	3.30E-08	7.98E-07	1.76E-07	2.54E-07	4.02E-07	7.09E-08	6.46E-07	2.38E-06
1662	494511.06	3858851.99	2.86E-03	3.08E-03	4.91E-03	9.88E-07	2.98E-06	1.73E-06	1.87E-06	1.69E-06	7.72E-07	1.23E-06	3.30E-08	7.97E-07	1.76E-07	2.53E-07	4.02E-07	7.08E-08	6.46E-07	2.38E-06
1663	494561.06	3858851.99	2.83E-03	3.06E-03	4.88E-03	9.81E-07	2.96E-06	1.71E-06	1.85E-06	1.68E-06	7.66E-07	1.22E-06	3.28E-08	7.91E-07	1.75E-07	2.51E-07	3.99E-07	7.03E-08	6.41E-07	2.36E-06
1664	494611.06	3858851.99	2.80E-03	3.02E-03	4.81E-03	9.68E-07	2.92E-06	1.69E-06	1.83E-06	1.66E-06	7.56E-07	1.20E-06	3.23E-08	7.81E-07	1.72E-07	2.48E-07	3.94E-07	6.94E-08	6.32E-07	2.33E-06
1665	494661.06	3858851.99	2.75E-03	2.97E-03	4.73E-03	9.52E-07	2.87E-06	1.66E-06	1.80E-06	1.63E-06	7.43E-07	1.18E-06	3.18E-08	7.68E-07	1.69E-07	2.44E-07	3.87E-07	6.82E-08	6.22E-07	2.29E-06
1666	494711.06	3858851.99	2.68E-03	2.90E-03	4.62E-03	9.29E-07	2.80E-06	1.62E-06	1.75E-06	1.59E-06	7.25E-07	1.16E-06	3.10E-08	7.49E-07	1.65E-07	2.38E-07	3.78E-07	6.65E-08	6.06E-07	2.23E-06
1667	494761.06	3858851.99	2.62E-03	2.83E-03	4.51E-03	9.07E-07	2.74E-06	1.58E-06	1.71E-06	1.55E-06	7.08E-07	1.13E-06	3.03E-08	7.31E-07	1.61E-07	2.32E-07	3.69E-07	6.50E-08	5.92E-07	2.18E-06
1668	494811.06	3858851.99	2.57E-03	2.77E-03	4.41E-03	8.88E-07	2.68E-06	1.55E-06	1.68E-06	1.52E-06	6.94E-07	1.10E-06	2.97E-08	7.17E-07	1.58E-07	2.28E-07	3.61E-07	6.36E-08	5.80E-07	2.14E-06
1669	494861.06	3858851.99	2.53E-03	2.73E-03	4.35E-03	8.76E-07	2.65E-06	1.53E-06	1.65E-06	1.50E-06	6.84E-07	1.09E-06	2.93E-08	7.07E-07	1.56E-07	2.25E-07	3.56E-07	6.28E-08	5.72E-07	2.11E-06
1670	494911.06	3858851.99	2.48E-03	2.68E-03	4.27E-03	8.59E-07	2.60E-06	1.50E-06	1.62E-06	1.47E-06	6.71E-07	1.07E-06	2.87E-08	6.93E-07	1.53E-07	2.20E-07	3.49E-07	6.16E-08	5.61E-07	2.07E-06
1671	494961.06	3858851.99	2.44E-03	2.64E-03	4.20E-03	8.45E-07	2.55E-06	1.48E-06	1.59E-06	1.45E-06	6.60E-07	1.05E-06	2.82E-08	6.82E-07	1.50E-07	2.17E-07	3.44E-07	6.05E-08	5.51E-07	2.03E-06
1672	495011.06	3858851.99	2.41E-03	2.60E-03	4.14E-03	8.33E-07	2.52E-06	1.46E-06	1.57E-06	1.43E-06	6.51E-07	1.04E-06	2.78E-08	6.72E-07	1.48E-07	2.14E-07	3.39E-07	5.97E-08	5.44E-07	2.00E-06
1673	495061.06	3858851.99	2.37E-03	2.56E-03	4.07E-03	8.19E-07	2.47E-06	1.43E-06	1.55E-06	1.40E-06	6.40E-07	1.02E-06	2.74E-08	6.61E-07	1.46E-07	2.10E-07	3.33E-07	5.87E-08	5.35E-07	1.97E-06

1674	495111.06	3858851.99	2.30E-03	2.48E-03	3.95E-03	7.95E-07	2.40E-06	1.39E-06	1.50E-06	1.36E-06	6.20E-07	9.88E-07	2.65E-08	6.41E-07	1.41E-07	2.04E-07	3.23E-07	5.69E-08	5.18E-07	1.91E-06
1675	495161.06	3858851.99	2.26E-03	2.44E-03	3.88E-03	7.82E-07	2.36E-06	1.37E-06	1.48E-06	1.34E-06	6.10E-07	9.72E-07	2.61E-08	6.31E-07	1.39E-07	2.00E-07	3.18E-07	5.60E-08	5.10E-07	1.88E-06
1676	495211.06	3858851.99	2.26E-03	2.44E-03	3.88E-03	7.82E-07	2.36E-06	1.37E-06	1.48E-06	1.34E-06	6.10E-07	9.72E-07	2.61E-08	6.31E-07	1.39E-07	2.00E-07	3.18E-07	5.60E-08	5.10E-07	1.88E-06
1677	495261.06	3858851.99	2.25E-03	2.43E-03	3.86E-03	7.78E-07	2.35E-06	1.36E-06	1.47E-06	1.33E-06	6.07E-07	9.67E-07	2.60E-08	6.27E-07	1.38E-07	1.99E-07	3.16E-07	5.57E-08	5.07E-07	1.87E-06
1678	495311.06	3858851.99	2.24E-03	2.42E-03	3.86E-03	7.77E-07	2.34E-06	1.36E-06	1.47E-06	1.33E-06	6.06E-07	9.66E-07	2.59E-08	6.26E-07	1.38E-07	1.99E-07	3.16E-07	5.56E-08	5.07E-07	1.87E-06
1679	495361.06	3858851.99	2.23E-03	2.41E-03	3.84E-03	7.73E-07	2.34E-06	1.35E-06	1.46E-06	1.32E-06	6.04E-07	9.62E-07	2.58E-08	6.24E-07	1.38E-07	1.98E-07	3.14E-07	5.54E-08	5.05E-07	1.86E-06
1680	495411.06	3858851.99	2.23E-03	2.40E-03	3.83E-03	7.70E-07	2.33E-06	1.35E-06	1.45E-06	1.32E-06	6.01E-07	9.58E-07	2.57E-08	6.21E-07	1.37E-07	1.97E-07	3.13E-07	5.52E-08	5.03E-07	1.85E-06
1681	495461.06	3858851.99	2.22E-03	2.40E-03	3.82E-03	7.68E-07	2.32E-06	1.34E-06	1.45E-06	1.31E-06	6.00E-07	9.55E-07	2.56E-08	6.19E-07	1.37E-07	1.97E-07	3.12E-07	5.50E-08	5.01E-07	1.85E-06
1682	495511.06	3858851.99	2.20E-03	2.38E-03	3.79E-03	7.63E-07	2.30E-06	1.33E-06	1.44E-06	1.31E-06	5.96E-07	9.49E-07	2.55E-08	6.15E-07	1.36E-07	1.96E-07	3.10E-07	5.47E-08	4.98E-07	1.83E-06
1683	495561.06	3858851.99	2.17E-03	2.34E-03	3.73E-03	7.51E-07	2.27E-06	1.31E-06	1.42E-06	1.28E-06	5.86E-07	9.33E-07	2.51E-08	6.06E-07	1.34E-07	1.92E-07	3.05E-07	5.38E-08	4.90E-07	1.81E-06
1684	495611.06	3858851.99	2.14E-03	2.31E-03	3.68E-03	7.42E-07	2.24E-06	1.30E-06	1.40E-06	1.27E-06	5.79E-07	9.22E-07	2.48E-08	5.98E-07	1.32E-07	1.90E-07	3.01E-07	5.31E-08	4.84E-07	1.78E-06
1685	495661.06	3858851.99	2.14E-03	2.31E-03	3.67E-03	7.39E-07	2.23E-06	1.29E-06	1.40E-06	1.26E-06	5.77E-07	9.19E-07	2.47E-08	5.96E-07	1.32E-07	1.89E-07	3.01E-07	5.30E-08	4.82E-07	1.78E-06
1686	494311.06	3858901.99	2.84E-03	3.07E-03	4.90E-03	9.85E-07	2.97E-06	1.72E-06	1.86E-06	1.68E-06	7.69E-07	1.23E-06	3.29E-08	7.94E-07	1.75E-07	2.52E-07	4.00E-07	7.05E-08	6.43E-07	2.37E-06
1687	494361.06	3858901.99	2.91E-03	3.15E-03	5.02E-03	1.01E-06	3.05E-06	1.76E-06	1.90E-06	1.73E-06	7.88E-07	1.26E-06	3.37E-08	8.14E-07	1.80E-07	2.59E-07	4.10E-07	7.23E-08	6.59E-07	2.43E-06
1688	494411.06	3858901.99	2.92E-03	3.15E-03	5.02E-03	1.01E-06	3.05E-06	1.76E-06	1.91E-06	1.73E-06	7.88E-07	1.26E-06	3.37E-08	8.14E-07	1.80E-07	2.59E-07	4.10E-07	7.23E-08	6.59E-07	2.43E-06
1689	494461.06	3858901.99	2.92E-03	3.16E-03	5.03E-03	1.01E-06	3.06E-06	1.77E-06	1.91E-06	1.73E-06	7.90E-07	1.26E-06	3.38E-08	8.16E-07	1.80E-07	2.59E-07	4.11E-07	7.25E-08	6.61E-07	2.43E-06
1690	494511.06	3858901.99	2.91E-03	3.15E-03	5.02E-03	1.01E-06	3.05E-06	1.76E-06	1.90E-06	1.73E-06	7.88E-07	1.26E-06	3.37E-08	8.14E-07	1.80E-07	2.59E-07	4.10E-07	7.23E-08	6.59E-07	2.43E-06
1691	494561.06	3858901.99	2.88E-03	3.11E-03	4.95E-03	9.96E-07	3.01E-06	1.74E-06	1.88E-06	1.70E-06	7.78E-07	1.24E-06	3.33E-08	8.03E-07	1.77E-07	2.55E-07	4.05E-07	7.14E-08	6.50E-07	2.40E-06
1692	494611.06	3858901.99	2.81E-03	3.03E-03	4.84E-03	9.73E-07	2.94E-06	1.70E-06	1.84E-06	1.66E-06	7.59E-07	1.21E-06	3.25E-08	7.85E-07	1.73E-07	2.49E-07	3.95E-07	6.97E-08	6.35E-07	2.34E-06
1693	494661.06	3858901.99	2.77E-03	2.99E-03	4.77E-03	9.60E-07	2.90E-06	1.68E-06	1.81E-06	1.64E-06	7.50E-07	1.19E-06	3.21E-08	7.74E-07	1.71E-07	2.46E-07	3.90E-07	6.88E-08	6.27E-07	2.31E-06
1694	494711.06	3858901.99	2.71E-03	2.93E-03	4.67E-03	9.39E-07	2.83E-06	1.64E-06	1.77E-06	1.61E-06	7.33E-07	1.17E-06	3.14E-08	7.57E-07	1.67E-07	2.41E-07	3.82E-07	6.73E-08	6.13E-07	2.26E-06
1695	494761.06	3858901.99	2.64E-03	2.85E-03	4.54E-03	9.14E-07	2.76E-06	1.60E-06	1.73E-06	1.56E-06	7.14E-07	1.14E-06	3.05E-08	7.37E-07	1.63E-07	2.34E-07	3.72E-07	6.55E-08	5.97E-07	2.20E-06
1696	494811.06	3858901.99	2.60E-03	2.81E-03	4.47E-03	9.00E-07	2.72E-06	1.57E-06	1.70E-06	1.54E-06	7.02E-07	1.12E-06	3.00E-08	7.26E-07	1.60E-07	2.31E-07	3.66E-07	6.45E-08	5.87E-07	2.16E-06
1697	494861.06	3858901.99	2.57E-03	2.77E-03	4.42E-03	8.89E-07	2.68E-06	1.55E-06	1.68E-06	1.52E-06	6.94E-07	1.11E-06	2.97E-08	7.17E-07	1.58E-07	2.28E-07	3.61E-07	6.37E-08	5.80E-07	2.14E-06
1698	494911.06	3858901.99	2.50E-03	2.70E-03	4.30E-03	8.65E-07	2.61E-06	1.51E-06	1.63E-06	1.48E-06	6.75E-07	1.08E-06	2.89E-08	6.98E-07	1.54E-07	2.22E-07	3.52E-07	6.20E-08	5.65E-07	2.08E-06
1699	494961.06	3858901.99	2.46E-03	2.66E-03	4.23E-03	8.52E-07	2.57E-06	1.49E-06	1.61E-06	1.46E-06	6.65E-07	1.06E-06	2.84E-08	6.87E-07	1.52E-07	2.18E-07	3.46E-07	6.10E-08	5.56E-07	2.05E-06
1700	495011.06	3858901.99	2.43E-03	2.62E-03	4.17E-03	8.39E-07	2.53E-06	1.47E-06	1.58E-06	1.44E-06	6.55E-07	1.04E-06	2.80E-08	6.77E-07	1.49E-07	2.15E-07	3.41E-07	6.02E-08	5.48E-07	2.02E-06
1701	495061.06	3858901.99	2.37E-03	2.56E-03	4.08E-03	8.22E-07	2.48E-06	1.44E-06	1.55E-06	1.41E-06	6.42E-07	1.02E-06	2.74E-08	6.63E-07	1.46E-07	2.11E-07	3.34E-07	5.89E-08	5.36E-07	1.98E-06
1702	495111.06	3858901.99	2.30E-03	2.49E-03	3.96E-03	7.97E-07	2.41E-06	1.39E-06	1.50E-06	1.36E-06	6.22E-07	9.90E-07	2.66E-08	6.43E-07	1.42E-07	2.04E-07	3.24E-07	5.71E-08	5.20E-07	1.92E-06
1703	495161.06	3858901.99	2.28E-03	2.46E-03	3.92E-03	7.89E-07	2.38E-06	1.38E-06	1.49E-06	1.35E-06	6.16E-07	9.81E-07	2.63E-08	6.36E-07	1.40E-07	2.02E-07	3.21E-07	5.65E-08	5.15E-07	1.90E-06
1704	495211.06	3858901.99	2.29E-03	2.47E-03	3.94E-03	7.93E-07	2.39E-06	1.39E-06	1.50E-06	1.36E-06	6.19E-07	9.86E-07	2.65E-08	6.40E-07	1.41E-07	2.03E-07	3.22E-07	5.68E-08	5.17E-07	1.91E-06
1705	495261.06	3858901.99	2.28E-03	2.47E-03	3.93E-03	7.91E-07	2.39E-06	1.38E-06	1.49E-06	1.35E-06	6.17E-07	9.83E-07	2.64E-08	6.38E-07	1.41E-07	2.03E-07	3.22E-07	5.67E-08	5.16E-07	1.90E-06
1706	495311.06	3858901.99	2.27E-03	2.45E-03	3.91E-03	7.87E-07	2.38E-06	1.38E-06	1.49E-06	1.35E-06	6.14E-07	9.78E-07	2.63E-08	6.35E-07	1.40E-07	2.02E-07	3.20E-07	5.64E-08	5.13E-07	1.89E-06
1707	495361.06	3858901.99	2.26E-03	2.44E-03	3.89E-03	7.83E-07	2.37E-06	1.37E-06	1.48E-06	1.34E-06	6.12E-07	9.74E-07	2.62E-08	6.32E-07	1.39E-07	2.01E-07	3.18E-07	5.61E-08	5.11E-07	1.88E-06
1708	495411.06	3858901.99	2.26E-03	2.44E-03	3.89E-03	7.83E-07	2.36E-06	1.37E-06	1.48E-06	1.34E-06	6.11E-07	9.74E-07	2.62E-08	6.32E-07	1.39E-07	2.01E-07	3.18E-07	5.61E-08	5.11E-07	1.88E-06
1709	495461.06	3858901.99	2.25E-03	2.43E-03	3.86E-03	7.78E-07	2.35E-06	1.36E-06	1.47E-06	1.33E-06	6.07E-07	9.67E-07	2.60E-08	6.27E-07	1.38E-07	1.99E-07	3.16E-07	5.57E-08	5.08E-07	1.87E-06
1710	495511.06	3858901.99	2.22E-03	2.40E-03	3.82E-03	7.69E-07	2.32E-06	1.34E-06	1.45E-06	1.32E-06	6.01E-07	9.56E-07	2.57E-08	6.20E-07	1.37E-07	1.97E-07	3.13E-07	5.51E-08	5.02E-07	1.85E-06
1711	495561.06	3858901.99	2.20E-03	2.38E-03	3.79E-03	7.62E-07	2.30E-06	1.33E-06	1.44E-06	1.30E-06	5.95E-07	9.48E-07	2.55E-08	6.15E-07	1.36E-07	1.95E-07	3.10E-07	5.46E-08	4.98E-07	1.83E-06
1712	495611.06	3858901.99	2.18E-03	2.35E-03	3.74E-03	7.53E-07	2.27E-06	1.32E-06	1.42E-06	1.29E-06	5.88E-07	9.36E-07	2.51E-08	6.07E-07	1.34E-07	1.93E-07	3.06E-07	5.40E-08	4.91E-07	1.81E-06
1713	495661.06	3858901.99	2.17E-03	2.34E-03	3.73E-03	7.52E-07	2.27E-06	1.31E-06	1.42E-06	1.29E-06	5.87E-07	9.35E-07	2.51E-08	6.06E-07	1.34E-07	1.93E-07	3.06E-07	5.39E-08	4.90E-07	1.81E-06
1714	494311.06	3858951.99	2.96E-03	3.19E-03	5.09E-03	1.02E-06	3.09E-06	1.79E-06	1.93E-06	1.75E-06	7.99E-07	1.27E-06	3.42E-08	8.26E-07	1.82E-07	2.62E-07	4.16E-07	7.34E-08	6.69E-07	2.46E-06
1715	494361.06	3858951.99	2.98E-03	3.22E-03	5.13E-03	1.03E-06	3.12E-06	1.80E-06	1.95E-06	1.77E-06	8.06E-07	1.28E-06	3.45E-08	8.32E-07	1.84E-07	2.65E-07	4.20E-07	7.40E-08	6.74E-07	2.48E-06
1716	494411.06	3858951.99	2.95E-03	3.19E-03	5.09E-03	1.02E-06	3.09E-06	1.79E-06	1.93E-06	1.75E-06	7.98E-07	1.27E-06	3.41E-08	8.25E-07	1.82E-07	2.62E-07	4.16E-07	7.33E-08	6.68E-07	2.46E-06
1717	494461.06	3858951.99	2.96E-03	3.20E-03	5.10E-03	1.03E-06	3.10E-06	1.79E-06	1.94E-06	1.76E-06	8.01E-07	1.28E-06	3.43E-08	8.27E-07	1.83E-07	2.63E-07	4.17E-07	7.35E-08	6.70E-07	2.47E-06
1718	494511.06	3858951.99	2.94E-03	3.18E-03	5.07E-03	1.02E-06	3.08E-06	1.78E-06	1.92E-06	1.74E-06	7.95E-07	1.27E-06	3.40E-08	8.21E-07	1.81E-07	2.61E-07	4.14E-07	7.30E-08	6.65E-07	2.45E-06
1719	494561.06	3858951.99	2.90E-03	3.14E-03	5.00E-03	1.01E-06	3.04E-06	1.76E-06	1.90E-06	1.72E-06	7.85E-07	1.25E-06	3.36E-08	8.11E-07	1.79E-07	2.58E-07	4.09E-07	7.21E-08	6.57E-07	2.42E-06
1720	494611.06	3858951.99	2.85E-03	3.08E-03	4.91E-03	9.86E-07	2.98E-06	1.72E-06	1.86E-06	1.69E-06	7.70E-07	1.23E-06	3.29E-08	7.96E-07	1.76E-07	2.53E-07	4.01E-07	7.07E-08	6.44E-07	2.37E-06
1721	494661.06	3858951.99	2.80E-03	3.02E-03	4.82E-03	9.69E-07	2.92E-06	1.69E-06	1.83E-06	1.66E-06	7.56E-07	1.21E-06	3.23E-08	7.81E-07	1.72E-07	2.48E-07	3.94E-07	6.94E-08	6.33E-07	2.33E-06
1722	494711.06	3858951.99	2.73E-03	2.94E-03	4.69E-03	9.43E-07	2.85E-06	1.65E-06	1.78E-06	1.61E-06	7.37E-07	1.17E-06	3.15E-08	7.61E-07	1.68E-07	2.42E-07	3.84E-07	6.76E-08	6.16E-07	2.27E-06
1723	494761.06	3858951.99	2.67E-03	2.89E-03	4.60E-03	9.25E-07	2.79E-06	1.62E-06	1.75E-06	1.58E-06	7.22E-07	1.15E-06	3.09E-08	7.46E-07	1.65E-07	2.37E-07	3.76E-07	6.63E-08	6.04E-07	2.23E-06
1724	494811.06	3858951.99	2.64E-03	2.85E-03	4.54E-03	9.13E-07	2.76E-06	1.60E-06	1.72E-06	1.56E-06	7.12E-07	1.14E-06	3.05E-08	7.36E-07	1.62E-07	2.34E-07	3.71E-07	6.54E-08	5.96E-07	2.20E-06
1725	494861.06	3858951.99	2.60E-03	2.81E-03	4.47E-03	9.00E-07	2.72E-06	1.57E-06	1.70E-06	1.54E-06	7.03E-07	1.12E-06	3.00E-08	7.26E-07	1.60E-07	2.31E-07	3.66E-07	6.45E-08	5.88E-07	2.16E-06
1726	494911.06	3858951.99	2.55E-03	2.75E-03	4.38E-03	8.82E-07	2.66E-06	1.54E-06	1.66E-06	1.51E-06	6.88E-07	1.10E-06	2.94E-08	7.11E-07	1.57E-07	2.26E-07	3.58E-07	6.32E-08	5.76E-07	2.12E-06
1727	494961.06	3858951.99	2.52E-03	2.72E-03	4.33E-03	8.72E-07	2.63E-06	1.52E-06	1.65E-06	1.49E-06	6.81E-07	1.08E-06	2.91E-08	7.03E-07	1.55E-07	2.24E-07	3.55E-07	6.25E-08	5.69E-07	2.10E-06
1728	495011.06	3858951.99	2.44E-03	2.63E-03	4.20E-03	8.44E-07	2.55E-06	1.48E-06	1.59E-06	1.44E-06	6.59E-07	1.05E-06	2.82E-08	6.81E-07	1.50E-07	2.16E-07	3.43E-07	6.05E-08	5.51E-07	2.03E-06
1729	495061.06	3858951.99	2.36E-03	2.55E-03	4.07E-03	8.18E-07	2.47E-06	1.43E-06	1.54E-06	1.40E-06	6.39E-07	1.02E-06	2.73E-08	6.60E-07	1.46E-07	2.10E-07	3.33E-07	5.86E-08	5.34E-07	1.97E-06
1730	495111.06	3858951.99	2.31E-03	2.49E-03	3.97E-03	7.99E-07	2.41E-06	1.40E-06	1.51E-06	1.37E-06	6.24E-07	9.93E-07	2.67E-08	6.44E-07	1.42E-07	2.05E-07	3.25E-07	5.72E-08	5.21E-07	1.92E-06
1731	495161.06	3858951.99	2.33E-03	2.52E-03	4.01E-03	8.07E-07	2.44E-06	1.41E-06	1.52E-06	1.38E-06	6.30E-07	1.00E-06	2.69E-08	6.51E-07	1.44E-07	2.07E-07	3.28E-07	5.78E-08	5.26E-07	1.94E-06
1732	495211.06	3858951.99	2.33E-03	2.51E-03	4.00E-03	8.05E-07	2.43E-06	1.41E-06	1.52E-06	1.38E-06	6.28E-07	1.00E-06	2.69E-08	6.49E-07	1.43E-07	2.06E-07	3.27E-07	5.77E-08	5.25E-07	1.94E-06
1733	495261.06	3858951.99	2.32E-03	2.51E-03	3.99E-03	8.03E-07	2.43E-06	1.40E-06	1.52E-06	1.37E-06	6.27E-07	9.99E-07	2.68E-08	6.48E-07	1.43E-07	2.06E-07	3.27E-07	5.75E-08	5.24E-07	1.93E-06
1734	495311.06	3858951.99	2.29E-03	2.47E-03	3.94E-03	7.93E-07	2.40E-06	1.39E-06	1.50E-06	1.36E-06	6.19E-07	9.87E-07	2.65E-08	6.40E-07	1.41E-07	2.03E-07	3.23E-07	5.68E-08	5.18E-07	1.91E-06
1735	495361.06	3858951.99	2.29E-03	2.47E-03	3.94E-03	7.93E-07	2.39E-06	1.39E-06	1.50E-06	1.36E-06	6.19E-07	9.86E-07	2.65E-08	6.39E-07	1.41E-07	2.03E-07	3.22E-07	5.68E-08	5.17E-07	1.91E-06
1736	495411.06	3858951.99	2.29E-03	2.47E-03	3.94E-03	7.93E-07	2.40E-06	1.39E-06	1.50E-06	1.36E-06	6.19E-07	9.87E-07	2.65E-08	6.40E-07	1.41E-07	2.03E-07	3.23E-07	5.68E-08	5.18E-07	1.91E-06
1737	495461.06	3858951.99	2.28E-03	2.46E-03	3.92E-03	7.89E-07	2.38E-06	1.38E-06	1.49E-06	1.35E-06	6.16E-07	9.81E-07	2.63E-08	6.36E-07	1.40E-07	2.02E-07	3.21E-07	5.65E-08	5.15E-07	1.90E-06
1738	495511.06	3858951.99	2.28E-03	2.46E-03	3.91E-03	7.88E-07	2.38E-06	1.38E-06	1.49E-06	1.35E-06	6.15E-07	9.80E-07	2.63E-08	6.35E-07	1.40E-07	2.02E-07	3.20E-07	5.64E-08	5.14E-07	1.89E-06
1739	495561.06	3858951.99	2.23E-03	2.41E-03	3.84E-03	7.74E-07	2.34E-06	1.35E-06	1.46E-06	1.32E-06	6.04E-07	9.62E-07	2.58E-08	6.24E-07	1.38E-07	1.98E-07	3.15E-07	5.54E-08	5.05E-07	1.86E-06
1740	495611.06	3858951.99	2.21E-03	2.39E-03	3.80E-03	7.65E-07	2.31E-06	1.34E-06	1.44E-06	1.31E-06	5.98E-07	9.52E-07	2.56E-08	6.17E-07	1.36E-07	1.96E-07	3.11E-07	5.48E-08	4.99E-07	1.84E-06
1741	495661.06	3858951.99	2.21E-03	2.38E-03	3.80E-03	7.64E-07	2.31E-06	1.34E-06	1.44E-06	1.31E-06	5.97E-07	9.50E-07	2.55E-08	6.16E-07	1.36E-07	1.96E-07	3.11E-07	5.48E-08	4.99E-07	1.84E-06
1742	494311.06	3859001.99	3.03E-03	3.27E-03	5.22E-03	1.05E-06	3.17E-06	1.83E-06	1.98E-06	1.80E-06	8.20E-07	1.31E-06	3.50E-08	8.47E-07	1.87E-07	2.69E-07	4.27E-07	7.52E-08	6.86E-07	2.53E-06
1743	494361.06	3859001.99	3.02E-03	3.27E-03	5.21E-03	1.05E-06	3.16E-06	1.83E-06	1.98E-06	1.79E-06	8.17E-07	1.30E-06	3.50E-08	8.44E-07	1.86E-07	2.68E-07	4.26E-07	7.50E-08	6.84E-07	2.52E-06
1744	494411.06	3859001.99	3.02E-03	3.26E-03	5.20E-03	1.04E-06	3.15E-06	1.83E-06	1.97E-06	1.79E-06	8.16E-07	1.30E-06	3.49E-08	8.43E-07	1.86E-07	2.68E-07	4.25E-07	7.49E-08	6.83E-07	2.51E-06
1745	494461.06	3859001.99	3.00E-03	3.24E-03	5.16E-03	1.04E-06	3.13E-06	1.81E-06	1.96E-06	1.78E-06	8.11E-07	1.29E-06	3.47E-08	8.37E-07	1.85E-07	2.66E-07	4.22E-07	7.44E-08	6.78E-07	2.50E-06
1746	494511.06	3859001.99	2.98E-03	3.22E-03	5.13E-03	1.03E-06	3.11E-06	1.80E-06	1.95E-06	1.76E-06	8.05E-07	1.28E-06	3.44E-08	8.32E-07	1.84E-07	2.64E-07	4.19E-07	7.39E-08	6.74E-07	2.48E-06
1747	494561.06	3859001.99	2.93E-03	3.16E-03	5.04E-03	1.01E-06	3.06E-06	1.77E-06	1.91E-06	1.73E-06	7.91E-07	1.26E-06	3.38E-08	8.17E-07	1.80E-07	2.60E-07	4.12E-07	7.26E-08	6.62E-07	2.44E-06
1748	494611.06	3859001.99	2.88E-03	3.11E-03	4.95E-03	9.96E-07	3.01E-06	1.74E-06	1.88E-06	1.70E-06	7.78E-07	1.24E-06	3.32E-08	8.03E-07	1.77E-07	2.55E-07	4.05E-07	7.14E-08	6.51E-07	2.40E-06
1749	494661.06	3859001.99	2.82E-03	3.04E-03	4.85E-03	9.75E-07	2.94E-06	1.70E-06	1.84E-06	1.67E-06	7.61E-07	1.21E-06	3.26E-08	7.86E-07	1.74E-07	2.50E-07	3.96E-07	6.99E-08	6.37E-07	2.35E-06
1750	494711.06	3859001.99	2.75E-03	2.97E-03	4.73E-03	9.50E-07	2.87E-06	1.66E-06	1.79E-06	1.63E-06	7.42E-07	1.18E-06	3.17E-08	7.67E-07	1.69E-07	2.44E-07	3.86E-07	6.81E-08	6.21E-07	2.29E-06
1751	494761.06	3859001.99	2.70E-03	2.92E-03	4.65E-03	9.36E-07	2.83E-06	1.64E-06	1.77E-06	1.60E-06	7.31E-07	1.16E-06	3.12E-08	7.55E-07	1.67E-07	2.40E-07	3.80E-07	6.70E-08	6.11E-07	2.25E-06
1752	494811.06	3859001.99	2.68E-03	2.89E-03	4.61E-03	9.27E-07	2.80E-06	1.62E-06	1.75E-06	1.59E-06	7.24E-07	1.15E-06	3.09E-08	7.48E-07	1.65E-07	2.38E-07	3.77E-07	6.64E-08	6.05E-07	2.23E-06
1753	494861.06	3859001.99	2.63E-03	2.84E-03	4.53E-03	9.11E-07	2.75E-06	1.59E-06	1.72E-06	1.56E-06	7.11E-07	1.13E-06	3.04E-08	7.35E-07	1.62E-07	2.33E-07	3.70E-07	6.53E-08	5.95E-07	2.19E-06
1754	494911.06	3859001.99	2.58E-03	2.79E-03	4.44E-03	8.94E-07	2.70E-06	1.56E-06	1.69E-06	1.53E-06	6.98E-07	1.11E-06	2.98E-08	7.21E-07	1.59E-07	2.29E-07	3.63E-07	6.41E-08	5.84E-07	2.15E-06
1755	494961.06	3859001.99	2.53E-03	2.74E-03	4.36E-03	8.77E-07	2.65E-06	1.53E-06	1.66E-06	1.50E-06	6.85E-07	1.09E-06	2.93E-08	7.07E-07	1.56E-07	2.25E-07	3.56E-07	6.28E-08	5.72E-07	2.11E-06
1756	495011.06	3859001.99	2.40E-03	2.60E-03	4.14E-03	8.32E-07	2.51E-06	1.45E-06	1.57E-06	1.42E-06	6.50E-07	1.03E-06	2.78E-08	6.71E-07	1.48E-07	2.13E-07	3.38E-07	5.96E-08	5.43E-07	2.00E-06
1757	495061.06	3859001.99	2.38E-03	2.57E-03	4.09E-03	8.23E-07	2.49E-06	1.44E-06	1.55E-06	1.41E-06	6.43E-07	1.02E-06	2.75E-08	6.64E-07	1.47E-07	2.11E-07	3.35E-07	5.90E-08	5.37E-07	1.98E-06
1758	495111.06	3859001.99	2.32E-03	2.51E-03	4.00E-03	8.05E-07	2.43E-06	1.41E-06	1.52E-06	1.38E-06	6.28E-07	1.00E-06	2.69E-08	6.49E-07	1.43E-07	2.06E-07	3.27E-07	5.77E-08	5.25E-07	1.94E-06
1759	495161.06	3859001.99	2.36E-03	2.55E-03	4.07E-03	8.18E-07	2.47E-06	1.43E-06	1.54E-06	1.40E-06	6.39E-07	1.02E-06	2.73E-08	6.60E-07	1.46E-07	2.10E-07	3.33E-07	5.86E-08	5.34E-07	1.97E-06
1760	495211.06	3859001.99	2.35E-03	2.54E-03	4.04E-03	8.14E-07	2.46E-06	1.42E-06	1.54E-06	1.39E-06	6.35E-07	1.01E-06	2.72E-08	6.56E-07	1.45E-07	2.09E-07	3.31E-07	5.83E-08	5.31E-07	1.96E-06
1761	495261.06	3859001.99	2.35E-03	2.54E-03	4.04E-03	8.13E-07	2.46E-06	1.42E-06	1.54E-06	1.39E-06	6.35E-07	1.01E-06	2.72E-08	6.56E-07	1.45E-07	2.08E-07	3.31E-07	5.83E-08	5.31E-07	1.96E-06
1762	495311.06	3859001.99	2.33E-03	2.52E-03	4.02E-03	8.08E-07	2.44E-06	1.41E-06	1.53E-06	1.38E-06	6.31E-07	1.01E-06	2.70E-08	6.52E-07	1.44E-07	2.07E-07	3.29E-07	5.79E-08	5.27E-07	1.94E-06
1763	495361.06	3859001.99	2.33E-03	2.52E-03	4.01E-03	8.07E-07	2.44E-06	1.41E-06	1.52E-06	1.38E-06	6.30E-07	1.00E-06	2.69E-08	6.51E-07	1.44E-07	2.07E-07	3.28E-07	5.78E-08	5.27E-07	1.94E-06
1764	495411.06	3859001.99	2.32E-03	2.51E-03	3.99E-03	8.04E-07	2.43E-06	1.40E-06	1.52E-06	1.38E-06	6.27E-07	1.00E-06	2.68E-08	6.48E-07	1.43E-07	2.06E-07	3.27E-07	5.76E-08	5.25E-07	1.93E-06
1765	495461.06	3859001.99	2.32E-03	2.50E-03	3.98E-03	8.01E-07	2.42E-06	1.40E-06	1.51E-06	1.37E-06	6.26E-07	9.97E-07	2.68E-08	6.46E-07	1.43E-07	2.05E-07	3.26E-07	5.74E-08	5.23E-07	1.93E-06
1766	495511.06	3859001.99	2.28E-03	2.47E-03	3.93E-03	7.90E-07	2.39E-06	1.38E-06	1.49E-06	1.35E-06	6.17E-07	9.83E-07	2.64E-08	6.38E-07	1.41E-07	2.03E-07	3.21E-07	5.66E-08	5.16E-07	1.90E-06
1767	495561.06	3859001.99	2.27E-03	2.45E-03	3.90E-03	7.84E-07	2.37E-06	1.37E-06	1.48E-06	1.34E-06	6.12E-07	9.75E-07	2.62E-08	6.32E-07	1.40E-07	2.01E-07	3.19E-07	5.62E-08	5.12E-07	1.89E-06
1768	495611.06	3859001.99	2.24E-03	2.42E-03	3.86E-03	7.77E-07	2.35E-06	1.36E-06	1.47E-06	1.33E-06	6.07E-07	9.66E-07	2.59E-08	6.27E-07	1.38E-07	1.99E-07	3.16E-07	5.57E-08	5.07E-07	1.87E-06
1769	495661.06	3859001.99	2.26E-03	2.44E-03	3.88E-03	7.81E-07	2.36E-06	1.36E-06	1.47E-06	1.34E-06	6.10E-07	9.71E-07	2.61E-08	6.30E-07	1.39E-07	2.00E-07	3.17E-07	5.60E-08	5.10E-07	1.88E-06
1770	494311.06	3859051.99	3.08E-03	3.33E-03	5.31E-03	1.07E-06	3.22E-06	1.87E-06	2.02E-06	1.83E-06	8.34E-07	1.33E-06	3.56E-08	8.61E-07	1.90E-07	2.74E-07	4.34E-07	7.65E-08	6.98E-07	2.57E-06
1771	494361.06	3859051.99	3.09E-03	3.33E-03	5.31E-03	1.07E-06	3.22E-06	1.87E-06	2.02E-06	1.83E-06	8.34E-07	1.33E-06	3.57E-08	8.61E-07	1.90E-07	2.74E-07	4.34E-07	7.65E-08	6.98E-07	2.57E-06
1772	494411.06	3859051.99	3.06E-03	3.30E-03	5.27E-03	1.06E-06	3.20E-06	1.85E-06	2.00E-06	1.81E-06	8.26E-07	1.32E-06	3.53E-08	8.54E-07	1.88E-07	2.71E-07	4.30E-07	7.58E-08	6.92E-07	2.55E-06
1773	494461.06	3859051.99	3.02E-03	3.27E-03	5.21E-03	1.05E-06	3.16E-06	1.83E-06	1.98E-06	1.79E-06	8.17E-07	1.30E-06	3.50E-08	8.44E-07	1.86E-07	2.68E-07	4.26E-07	7.50E-08	6.84E-07	2.52E-06
1774	494511.06	3859051.99	2.98E-03	3.22E-03	5.13E-03	1.03E-06	3.12E-06	1.80E-06	1.95E-06	1.77E-06	8.06E-07	1.28E-06	3.45E-08	8.32E-07	1.84E-07	2.64E-07	4.20E-07	7.39E-08	6.74E-07	2.48E-06
1775	494561.06	3859051.99	2.94E-03	3.18E-03	5.07E-03	1.02E-06	3.08E-06	1.78E-06	1.92E-06	1.74E-06	7.96E-07	1.27E-06	3.40E-08	8.22E-07	1.81E-07	2.61E-07	4.14E-07	7.30E-08	6.66E-07	2.45E-06
1776	494611.06	3859051.99	2.89E-03	3.13E-03	4.98E-03	1.00E-06	3.02E-06	1.75E-06	1.89E-06	1.71E-06	7.82E-07	1.25E-06	3.34E-08	8.08E-07	1.78E-07	2.57E-07	4.07E-07	7.18E-08	6.55E-07	2.41E-06
1777	494661.06	3859051.99	2.84E-03	3.07E-03	4.89E-03	9.83E-07	2.97E-06	1.72E-06	1.86E-06	1.68E-06	7.67E-07	1.22E-06	3.28E-08	7.93E-07	1.75E-07	2.52E-07	4.00E-07	7.04E-08	6.42E-07	2.36E-06
1778	494711.06	3859051.99	2.79E-03	3.01E-03	4.80E-03	9.65E-07	2.91E-06	1.69E-06	1.82E-06	1.65E-06	7.54E-07	1.20E-06	3.22E-08	7.79E-07	1.72E-07	2.47E-07	3.92E-07	6.92E-08	6.31E-07	2.32E-06

1779	494761.06	3859051.99	2.74E-03	2.95E-03	4.71E-03	9.47E-07	2.86E-06	1.66E-06	1.79E-06	1.62E-06	7.40E-07	1.18E-06	3.16E-08	7.64E-07	1.69E-07	2.43E-07	3.85E-07	6.79E-08	6.19E-07	2.28E-06
1780	494811.06	3859051.99	2.70E-03	2.92E-03	4.65E-03	9.34E-07	2.82E-06	1.63E-06	1.76E-06	1.60E-06	7.30E-07	1.16E-06	3.12E-08	7.54E-07	1.66E-07	2.39E-07	3.80E-07	6.70E-08	6.10E-07	2.25E-06
1781	494861.06	3859051.99	2.66E-03	2.87E-03	4.58E-03	9.21E-07	2.78E-06	1.61E-06	1.74E-06	1.58E-06	7.19E-07	1.15E-06	3.08E-08	7.43E-07	1.64E-07	2.36E-07	3.75E-07	6.60E-08	6.02E-07	2.22E-06
1782	494911.06	3859051.99	2.60E-03	2.81E-03	4.48E-03	9.01E-07	2.72E-06	1.57E-06	1.70E-06	1.54E-06	7.03E-07	1.12E-06	3.01E-08	7.27E-07	1.60E-07	2.31E-07	3.66E-07	6.46E-08	5.88E-07	2.17E-06
1783	494961.06	3859051.99	2.52E-03	2.72E-03	4.33E-03	8.71E-07	2.63E-06	1.52E-06	1.64E-06	1.49E-06	6.80E-07	1.08E-06	2.91E-08	7.02E-07	1.55E-07	2.23E-07	3.54E-07	6.24E-08	5.69E-07	2.09E-06
1784	495011.06	3859051.99	2.45E-03	2.65E-03	4.22E-03	8.49E-07	2.56E-06	1.48E-06	1.60E-06	1.45E-06	6.63E-07	1.06E-06	2.84E-08	6.85E-07	1.51E-07	2.18E-07	3.45E-07	6.08E-08	5.54E-07	2.04E-06
1785	495061.06	3859051.99	2.41E-03	2.60E-03	4.15E-03	8.34E-07	2.52E-06	1.46E-06	1.57E-06	1.43E-06	6.51E-07	1.04E-06	2.79E-08	6.73E-07	1.48E-07	2.14E-07	3.39E-07	5.98E-08	5.45E-07	2.01E-06
1786	495111.06	3859051.99	2.39E-03	2.58E-03	4.11E-03	8.27E-07	2.50E-06	1.44E-06	1.56E-06	1.41E-06	6.45E-07	1.03E-06	2.76E-08	6.67E-07	1.47E-07	2.12E-07	3.36E-07	5.92E-08	5.40E-07	1.99E-06
1787	495161.06	3859051.99	2.41E-03	2.60E-03	4.14E-03	8.33E-07	2.51E-06	1.46E-06	1.57E-06	1.42E-06	6.50E-07	1.04E-06	2.78E-08	6.72E-07	1.48E-07	2.13E-07	3.39E-07	5.97E-08	5.44E-07	2.00E-06
1788	495211.06	3859051.99	2.38E-03	2.57E-03	4.09E-03	8.23E-07	2.49E-06	1.44E-06	1.55E-06	1.41E-06	6.43E-07	1.02E-06	2.75E-08	6.64E-07	1.47E-07	2.11E-07	3.35E-07	5.90E-08	5.38E-07	1.98E-06
1789	495261.06	3859051.99	2.39E-03	2.58E-03	4.10E-03	8.26E-07	2.49E-06	1.44E-06	1.56E-06	1.41E-06	6.45E-07	1.03E-06	2.76E-08	6.66E-07	1.47E-07	2.12E-07	3.36E-07	5.92E-08	5.39E-07	1.99E-06
1790	495311.06	3859051.99	2.37E-03	2.56E-03	4.07E-03	8.19E-07	2.47E-06	1.43E-06	1.55E-06	1.40E-06	6.40E-07	1.02E-06	2.74E-08	6.61E-07	1.46E-07	2.10E-07	3.33E-07	5.87E-08	5.35E-07	1.97E-06
1791	495361.06	3859051.99	2.36E-03	2.55E-03	4.06E-03	8.17E-07	2.47E-06	1.43E-06	1.54E-06	1.40E-06	6.38E-07	1.02E-06	2.73E-08	6.59E-07	1.45E-07	2.09E-07	3.32E-07	5.85E-08	5.33E-07	1.96E-06
1792	495411.06	3859051.99	2.36E-03	2.55E-03	4.06E-03	8.16E-07	2.46E-06	1.43E-06	1.54E-06	1.40E-06	6.37E-07	1.02E-06	2.73E-08	6.58E-07	1.45E-07	2.09E-07	3.32E-07	5.85E-08	5.33E-07	1.96E-06
1793	495461.06	3859051.99	2.36E-03	2.54E-03	4.06E-03	8.16E-07	2.46E-06	1.43E-06	1.54E-06	1.40E-06	6.37E-07	1.01E-06	2.72E-08	6.58E-07	1.45E-07	2.09E-07	3.32E-07	5.85E-08	5.33E-07	1.96E-06
1794	495511.06	3859051.99	2.32E-03	2.51E-03	4.00E-03	8.04E-07	2.43E-06	1.41E-06	1.52E-06	1.38E-06	6.28E-07	1.00E-06	2.69E-08	6.49E-07	1.43E-07	2.06E-07	3.27E-07	5.76E-08	5.25E-07	1.93E-06
1795	495561.06	3859051.99	2.30E-03	2.48E-03	3.95E-03	7.96E-07	2.40E-06	1.39E-06	1.50E-06	1.36E-06	6.21E-07	9.90E-07	2.66E-08	6.42E-07	1.42E-07	2.04E-07	3.23E-07	5.70E-08	5.19E-07	1.91E-06
1796	495611.06	3859051.99	2.28E-03	2.46E-03	3.92E-03	7.88E-07	2.38E-06	1.38E-06	1.49E-06	1.35E-06	6.15E-07	9.80E-07	2.63E-08	6.36E-07	1.40E-07	2.02E-07	3.20E-07	5.65E-08	5.15E-07	1.90E-06
1797	495661.06	3859051.99	2.29E-03	2.47E-03	3.93E-03	7.91E-07	2.39E-06	1.38E-06	1.49E-06	1.35E-06	6.18E-07	9.84E-07	2.64E-08	6.38E-07	1.41E-07	2.03E-07	3.22E-07	5.67E-08	5.17E-07	1.90E-06
1798	494311.06	3859101.99	3.14E-03	3.39E-03	5.41E-03	1.09E-06	3.28E-06	1.90E-06	2.05E-06	1.86E-06	8.48E-07	1.35E-06	3.63E-08	8.76E-07	1.93E-07	2.78E-07	4.42E-07	7.78E-08	7.10E-07	2.61E-06
1799	494361.06	3859101.99	3.11E-03	3.36E-03	5.36E-03	1.08E-06	3.25E-06	1.88E-06	2.03E-06	1.84E-06	8.42E-07	1.34E-06	3.60E-08	8.69E-07	1.92E-07	2.76E-07	4.38E-07	7.72E-08	7.04E-07	2.59E-06
1800	494411.06	3859101.99	3.09E-03	3.34E-03	5.33E-03	1.07E-06	3.23E-06	1.87E-06	2.02E-06	1.83E-06	8.36E-07	1.33E-06	3.58E-08	8.64E-07	1.91E-07	2.75E-07	4.35E-07	7.68E-08	7.00E-07	2.58E-06
1801	494461.06	3859101.99	3.06E-03	3.30E-03	5.27E-03	1.06E-06	3.20E-06	1.85E-06	2.00E-06	1.81E-06	8.27E-07	1.32E-06	3.54E-08	8.54E-07	1.88E-07	2.71E-07	4.31E-07	7.59E-08	6.92E-07	2.55E-06
1802	494511.06	3859101.99	3.01E-03	3.25E-03	5.18E-03	1.04E-06	3.14E-06	1.82E-06	1.97E-06	1.78E-06	8.13E-07	1.30E-06	3.48E-08	8.40E-07	1.85E-07	2.67E-07	4.23E-07	7.46E-08	6.80E-07	2.50E-06
1803	494561.06	3859101.99	2.97E-03	3.20E-03	5.11E-03	1.03E-06	3.10E-06	1.80E-06	1.94E-06	1.76E-06	8.02E-07	1.28E-06	3.43E-08	8.28E-07	1.83E-07	2.63E-07	4.18E-07	7.36E-08	6.71E-07	2.47E-06
1804	494611.06	3859101.99	2.90E-03	3.14E-03	5.00E-03	1.01E-06	3.04E-06	1.76E-06	1.90E-06	1.72E-06	7.85E-07	1.25E-06	3.36E-08	8.11E-07	1.79E-07	2.58E-07	4.09E-07	7.20E-08	6.57E-07	2.42E-06
1805	494661.06	3859101.99	2.86E-03	3.09E-03	4.93E-03	9.92E-07	2.99E-06	1.73E-06	1.87E-06	1.70E-06	7.74E-07	1.23E-06	3.31E-08	8.00E-07	1.77E-07	2.54E-07	4.03E-07	7.11E-08	6.48E-07	2.39E-06
1806	494711.06	3859101.99	2.79E-03	3.02E-03	4.81E-03	9.67E-07	2.92E-06	1.69E-06	1.83E-06	1.66E-06	7.55E-07	1.20E-06	3.23E-08	7.80E-07	1.72E-07	2.48E-07	3.93E-07	6.93E-08	6.32E-07	2.33E-06
1807	494761.06	3859101.99	2.78E-03	3.00E-03	4.78E-03	9.61E-07	2.90E-06	1.68E-06	1.81E-06	1.64E-06	7.50E-07	1.20E-06	3.21E-08	7.75E-07	1.71E-07	2.46E-07	3.91E-07	6.89E-08	6.28E-07	2.31E-06
1808	494811.06	3859101.99	2.73E-03	2.95E-03	4.70E-03	9.45E-07	2.85E-06	1.65E-06	1.78E-06	1.62E-06	7.38E-07	1.18E-06	3.16E-08	7.62E-07	1.68E-07	2.42E-07	3.84E-07	6.77E-08	6.17E-07	2.27E-06
1809	494861.06	3859101.99	2.69E-03	2.90E-03	4.63E-03	9.31E-07	2.81E-06	1.63E-06	1.76E-06	1.59E-06	7.27E-07	1.16E-06	3.11E-08	7.51E-07	1.66E-07	2.39E-07	3.78E-07	6.67E-08	6.08E-07	2.24E-06
1810	494911.06	3859101.99	2.63E-03	2.84E-03	4.53E-03	9.10E-07	2.75E-06	1.59E-06	1.72E-06	1.56E-06	7.10E-07	1.13E-06	3.04E-08	7.34E-07	1.62E-07	2.33E-07	3.70E-07	6.52E-08	5.94E-07	2.19E-06
1811	494961.06	3859101.99	2.54E-03	2.74E-03	4.37E-03	8.78E-07	2.65E-06	1.54E-06	1.66E-06	1.50E-06	6.86E-07	1.09E-06	2.93E-08	7.08E-07	1.56E-07	2.25E-07	3.57E-07	6.29E-08	5.74E-07	2.11E-06
1812	495011.06	3859101.99	2.44E-03	2.64E-03	4.20E-03	8.46E-07	2.55E-06	1.48E-06	1.60E-06	1.45E-06	6.60E-07	1.05E-06	2.82E-08	6.82E-07	1.51E-07	2.17E-07	3.44E-07	6.06E-08	5.52E-07	2.03E-06
1813	495061.06	3859101.99	2.44E-03	2.64E-03	4.20E-03	8.46E-07	2.55E-06	1.48E-06	1.60E-06	1.45E-06	6.60E-07	1.05E-06	2.82E-08	6.82E-07	1.51E-07	2.17E-07	3.44E-07	6.06E-08	5.52E-07	2.03E-06
1814	495111.06	3859101.99	2.42E-03	2.61E-03	4.16E-03	8.37E-07	2.53E-06	1.46E-06	1.58E-06	1.43E-06	6.53E-07	1.04E-06	2.79E-08	6.75E-07	1.49E-07	2.14E-07	3.40E-07	6.00E-08	5.46E-07	2.01E-06
1815	495161.06	3859101.99	2.43E-03	2.63E-03	4.19E-03	8.43E-07	2.54E-06	1.47E-06	1.59E-06	1.44E-06	6.58E-07	1.05E-06	2.81E-08	6.80E-07	1.50E-07	2.16E-07	3.43E-07	6.04E-08	5.50E-07	2.03E-06
1816	495211.06	3859101.99	2.42E-03	2.61E-03	4.16E-03	8.36E-07	2.52E-06	1.46E-06	1.58E-06	1.43E-06	6.53E-07	1.04E-06	2.79E-08	6.74E-07	1.49E-07	2.14E-07	3.40E-07	5.99E-08	5.46E-07	2.01E-06
1817	495261.06	3859101.99	2.41E-03	2.60E-03	4.15E-03	8.35E-07	2.52E-06	1.46E-06	1.58E-06	1.43E-06	6.52E-07	1.04E-06	2.79E-08	6.73E-07	1.49E-07	2.14E-07	3.39E-07	5.98E-08	5.45E-07	2.01E-06
1818	495311.06	3859101.99	2.40E-03	2.60E-03	4.14E-03	8.32E-07	2.51E-06	1.45E-06	1.57E-06	1.42E-06	6.49E-07	1.04E-06	2.78E-08	6.71E-07	1.48E-07	2.13E-07	3.38E-07	5.96E-08	5.43E-07	2.00E-06
1819	495361.06	3859101.99	2.40E-03	2.60E-03	4.14E-03	8.32E-07	2.51E-06	1.45E-06	1.57E-06	1.42E-06	6.50E-07	1.04E-06	2.78E-08	6.71E-07	1.48E-07	2.13E-07	3.38E-07	5.96E-08	5.44E-07	2.00E-06
1820	495411.06	3859101.99	2.40E-03	2.59E-03	4.13E-03	8.30E-07	2.51E-06	1.45E-06	1.57E-06	1.42E-06	6.48E-07	1.03E-06	2.77E-08	6.70E-07	1.48E-07	2.13E-07	3.38E-07	5.95E-08	5.42E-07	2.00E-06
1821	495461.06	3859101.99	2.38E-03	2.57E-03	4.09E-03	8.22E-07	2.48E-06	1.44E-06	1.55E-06	1.41E-06	6.42E-07	1.02E-06	2.75E-08	6.63E-07	1.46E-07	2.11E-07	3.34E-07	5.89E-08	5.37E-07	1.98E-06
1822	495511.06	3859101.99	2.36E-03	2.55E-03	4.07E-03	8.18E-07	2.47E-06	1.43E-06	1.54E-06	1.40E-06	6.39E-07	1.02E-06	2.73E-08	6.60E-07	1.46E-07	2.10E-07	3.33E-07	5.86E-08	5.34E-07	1.97E-06
1823	495561.06	3859101.99	2.34E-03	2.53E-03	4.03E-03	8.11E-07	2.45E-06	1.42E-06	1.53E-06	1.39E-06	6.33E-07	1.01E-06	2.71E-08	6.54E-07	1.44E-07	2.08E-07	3.30E-07	5.81E-08	5.29E-07	1.95E-06
1824	495611.06	3859101.99	2.32E-03	2.50E-03	3.98E-03	8.02E-07	2.42E-06	1.40E-06	1.51E-06	1.37E-06	6.26E-07	9.97E-07	2.68E-08	6.47E-07	1.43E-07	2.05E-07	3.26E-07	5.74E-08	5.23E-07	1.93E-06
1825	495661.06	3859101.99	2.31E-03	2.50E-03	3.98E-03	8.01E-07	2.42E-06	1.40E-06	1.51E-06	1.37E-06	6.25E-07	9.96E-07	2.67E-08	6.46E-07	1.43E-07	2.05E-07	3.26E-07	5.74E-08	5.23E-07	1.93E-06
1826	494311.06	3859151.99	3.17E-03	3.42E-03	5.46E-03	1.10E-06	3.31E-06	1.92E-06	2.07E-06	1.88E-06	8.56E-07	1.37E-06	3.66E-08	8.84E-07	1.95E-07	2.81E-07	4.46E-07	7.86E-08	7.17E-07	2.64E-06
1827	494361.06	3859151.99	3.15E-03	3.40E-03	5.43E-03	1.09E-06	3.29E-06	1.91E-06	2.06E-06	1.87E-06	8.52E-07	1.36E-06	3.64E-08	8.80E-07	1.94E-07	2.80E-07	4.44E-07	7.82E-08	7.13E-07	2.63E-06
1828	494411.06	3859151.99	3.11E-03	3.36E-03	5.36E-03	1.08E-06	3.25E-06	1.88E-06	2.03E-06	1.84E-06	8.41E-07	1.34E-06	3.60E-08	8.69E-07	1.92E-07	2.76E-07	4.38E-07	7.72E-08	7.04E-07	2.59E-06
1829	494461.06	3859151.99	3.07E-03	3.32E-03	5.29E-03	1.06E-06	3.21E-06	1.86E-06	2.01E-06	1.82E-06	8.30E-07	1.32E-06	3.55E-08	8.57E-07	1.89E-07	2.72E-07	4.32E-07	7.62E-08	6.95E-07	2.56E-06
1830	494511.06	3859151.99	3.02E-03	3.26E-03	5.20E-03	1.04E-06	3.15E-06	1.82E-06	1.97E-06	1.79E-06	8.15E-07	1.30E-06	3.49E-08	8.42E-07	1.86E-07	2.68E-07	4.25E-07	7.48E-08	6.82E-07	2.51E-06
1831	494561.06	3859151.99	2.98E-03	3.22E-03	5.14E-03	1.03E-06	3.12E-06	1.81E-06	1.95E-06	1.77E-06	8.06E-07	1.29E-06	3.45E-08	8.33E-07	1.84E-07	2.65E-07	4.20E-07	7.40E-08	6.75E-07	2.49E-06
1832	494611.06	3859151.99	2.93E-03	3.16E-03	5.05E-03	1.01E-06	3.06E-06	1.77E-06	1.91E-06	1.74E-06	7.92E-07	1.26E-06	3.39E-08	8.18E-07	1.80E-07	2.60E-07	4.12E-07	7.27E-08	6.63E-07	2.44E-06
1833	494661.06	3859151.99	2.89E-03	3.13E-03	4.98E-03	1.00E-06	3.02E-06	1.75E-06	1.89E-06	1.71E-06	7.82E-07	1.25E-06	3.35E-08	8.08E-07	1.78E-07	2.57E-07	4.07E-07	7.18E-08	6.55E-07	2.41E-06
1834	494711.06	3859151.99	2.86E-03	3.09E-03	4.93E-03	9.92E-07	2.99E-06	1.73E-06	1.87E-06	1.70E-06	7.74E-07	1.23E-06	3.31E-08	8.00E-07	1.76E-07	2.54E-07	4.03E-07	7.11E-08	6.48E-07	2.39E-06
1835	494761.06	3859151.99	2.80E-03	3.02E-03	4.82E-03	9.69E-07	2.93E-06	1.69E-06	1.83E-06	1.66E-06	7.57E-07	1.21E-06	3.24E-08	7.82E-07	1.73E-07	2.48E-07	3.94E-07	6.95E-08	6.33E-07	2.33E-06
1836	494811.06	3859151.99	2.75E-03	2.97E-03	4.73E-03	9.51E-07	2.87E-06	1.66E-06	1.80E-06	1.63E-06	7.43E-07	1.18E-06	3.18E-08	7.67E-07	1.69E-07	2.44E-07	3.87E-07	6.81E-08	6.21E-07	2.29E-06
1837	494861.06	3859151.99	2.71E-03	2.93E-03	4.67E-03	9.39E-07	2.84E-06	1.64E-06	1.77E-06	1.61E-06	7.33E-07	1.17E-06	3.14E-08	7.58E-07	1.67E-07	2.41E-07	3.82E-07	6.73E-08	6.14E-07	2.26E-06
1838	494911.06	3859151.99	2.65E-03	2.86E-03	4.56E-03	9.16E-07	2.77E-06	1.60E-06	1.73E-06	1.57E-06	7.16E-07	1.14E-06	3.06E-08	7.39E-07	1.63E-07	2.35E-07	3.73E-07	6.57E-08	5.99E-07	2.20E-06
1839	494961.06	3859151.99	2.56E-03	2.76E-03	4.40E-03	8.85E-07	2.67E-06	1.55E-06	1.67E-06	1.52E-06	6.91E-07	1.10E-06	2.96E-08	7.14E-07	1.58E-07	2.27E-07	3.60E-07	6.34E-08	5.78E-07	2.13E-06
1840	495011.06	3859151.99	2.47E-03	2.67E-03	4.26E-03	8.56E-07	2.59E-06	1.50E-06	1.62E-06	1.47E-06	6.69E-07	1.07E-06	2.86E-08	6.91E-07	1.52E-07	2.19E-07	3.48E-07	6.14E-08	5.59E-07	2.06E-06
1841	495061.06	3859151.99	2.47E-03	2.66E-03	4.24E-03	8.54E-07	2.58E-06	1.49E-06	1.61E-06	1.46E-06	6.67E-07	1.06E-06	2.85E-08	6.89E-07	1.52E-07	2.19E-07	3.47E-07	6.12E-08	5.57E-07	2.05E-06
1842	495111.06	3859151.99	2.45E-03	2.65E-03	4.22E-03	8.48E-07	2.56E-06	1.48E-06	1.60E-06	1.45E-06	6.62E-07	1.06E-06	2.83E-08	6.84E-07	1.51E-07	2.17E-07	3.45E-07	6.08E-08	5.54E-07	2.04E-06
1843	495161.06	3859151.99	2.47E-03	2.67E-03	4.25E-03	8.54E-07	2.58E-06	1.49E-06	1.61E-06	1.46E-06	6.67E-07	1.06E-06	2.85E-08	6.89E-07	1.52E-07	2.19E-07	3.47E-07	6.12E-08	5.58E-07	2.06E-06
1844	495211.06	3859151.99	2.46E-03	2.65E-03	4.23E-03	8.50E-07	2.57E-06	1.49E-06	1.60E-06	1.45E-06	6.64E-07	1.06E-06	2.84E-08	6.86E-07	1.51E-07	2.18E-07	3.46E-07	6.09E-08	5.55E-07	2.04E-06
1845	495261.06	3859151.99	2.44E-03	2.64E-03	4.21E-03	8.46E-07	2.55E-06	1.48E-06	1.60E-06	1.45E-06	6.61E-07	1.05E-06	2.83E-08	6.82E-07	1.51E-07	2.17E-07	3.44E-07	6.06E-08	5.53E-07	2.04E-06
1846	495311.06	3859151.99	2.44E-03	2.63E-03	4.19E-03	8.43E-07	2.55E-06	1.47E-06	1.59E-06	1.44E-06	6.58E-07	1.05E-06	2.82E-08	6.80E-07	1.50E-07	2.16E-07	3.43E-07	6.04E-08	5.51E-07	2.03E-06
1847	495361.06	3859151.99	2.43E-03	2.62E-03	4.18E-03	8.40E-07	2.54E-06	1.47E-06	1.59E-06	1.44E-06	6.56E-07	1.05E-06	2.80E-08	6.77E-07	1.49E-07	2.15E-07	3.41E-07	6.02E-08	5.48E-07	2.02E-06
1848	495411.06	3859151.99	2.44E-03	2.63E-03	4.20E-03	8.44E-07	2.55E-06	1.48E-06	1.59E-06	1.44E-06	6.59E-07	1.05E-06	2.82E-08	6.81E-07	1.50E-07	2.16E-07	3.43E-07	6.05E-08	5.51E-07	2.03E-06
1849	495461.06	3859151.99	2.43E-03	2.62E-03	4.18E-03	8.41E-07	2.54E-06	1.47E-06	1.59E-06	1.44E-06	6.57E-07	1.05E-06	2.81E-08	6.78E-07	1.50E-07	2.16E-07	3.42E-07	6.03E-08	5.49E-07	2.02E-06
1850	495511.06	3859151.99	2.40E-03	2.59E-03	4.13E-03	8.31E-07	2.51E-06	1.45E-06	1.57E-06	1.42E-06	6.49E-07	1.03E-06	2.77E-08	6.70E-07	1.48E-07	2.13E-07	3.38E-07	5.95E-08	5.43E-07	2.00E-06
1851	495561.06	3859151.99	2.38E-03	2.57E-03	4.10E-03	8.24E-07	2.49E-06	1.44E-06	1.55E-06	1.41E-06	6.43E-07	1.02E-06	2.75E-08	6.64E-07	1.47E-07	2.11E-07	3.35E-07	5.90E-08	5.38E-07	1.98E-06
1852	495611.06	3859151.99	2.36E-03	2.55E-03	4.06E-03	8.17E-07	2.47E-06	1.43E-06	1.54E-06	1.40E-06	6.38E-07	1.02E-06	2.73E-08	6.59E-07	1.45E-07	2.09E-07	3.32E-07	5.86E-08	5.34E-07	1.97E-06
1853	495661.06	3859151.99	2.35E-03	2.53E-03	4.04E-03	8.12E-07	2.45E-06	1.42E-06	1.53E-06	1.39E-06	6.34E-07	1.01E-06	2.71E-08	6.55E-07	1.45E-07	2.08E-07	3.30E-07	5.82E-08	5.31E-07	1.95E-06
1854	494311.06	3859201.99	3.19E-03	3.44E-03	5.49E-03	1.10E-06	3.33E-06	1.93E-06	2.08E-06	1.89E-06	8.62E-07	1.37E-06	3.69E-08	8.90E-07	1.96E-07	2.83E-07	4.49E-07	7.91E-08	7.21E-07	2.66E-06
1855	494361.06	3859201.99	3.16E-03	3.42E-03	5.45E-03	1.10E-06	3.31E-06	1.91E-06	2.07E-06	1.87E-06	8.55E-07	1.36E-06	3.66E-08	8.83E-07	1.95E-07	2.81E-07	4.45E-07	7.85E-08	7.16E-07	2.64E-06
1856	494411.06	3859201.99	3.13E-03	3.38E-03	5.39E-03	1.08E-06	3.27E-06	1.89E-06	2.05E-06	1.85E-06	8.46E-07	1.35E-06	3.62E-08	8.74E-07	1.93E-07	2.78E-07	4.41E-07	7.76E-08	7.08E-07	2.61E-06
1857	494461.06	3859201.99	3.08E-03	3.33E-03	5.31E-03	1.07E-06	3.22E-06	1.86E-06	2.01E-06	1.83E-06	8.33E-07	1.33E-06	3.56E-08	8.60E-07	1.90E-07	2.73E-07	4.34E-07	7.64E-08	6.97E-07	2.57E-06
1858	494511.06	3859201.99	3.05E-03	3.29E-03	5.25E-03	1.05E-06	3.19E-06	1.84E-06	1.99E-06	1.81E-06	8.24E-07	1.31E-06	3.52E-08	8.51E-07	1.88E-07	2.70E-07	4.29E-07	7.56E-08	6.90E-07	2.54E-06
1859	494561.06	3859201.99	2.99E-03	3.23E-03	5.15E-03	1.04E-06	3.13E-06	1.81E-06	1.96E-06	1.77E-06	8.09E-07	1.29E-06	3.46E-08	8.35E-07	1.84E-07	2.65E-07	4.21E-07	7.42E-08	6.77E-07	2.49E-06
1860	494611.06	3859201.99	2.95E-03	3.18E-03	5.08E-03	1.02E-06	3.08E-06	1.78E-06	1.93E-06	1.75E-06	7.97E-07	1.27E-06	3.41E-08	8.23E-07	1.82E-07	2.62E-07	4.15E-07	7.31E-08	6.67E-07	2.46E-06
1861	494661.06	3859201.99	2.91E-03	3.15E-03	5.02E-03	1.01E-06	3.04E-06	1.76E-06	1.90E-06	1.73E-06	7.87E-07	1.26E-06	3.37E-08	8.13E-07	1.79E-07	2.58E-07	4.10E-07	7.23E-08	6.59E-07	2.43E-06
1862	494711.06	3859201.99	2.88E-03	3.11E-03	4.96E-03	9.96E-07	3.01E-06	1.74E-06	1.88E-06	1.71E-06	7.78E-07	1.24E-06	3.33E-08	8.04E-07	1.77E-07	2.55E-07	4.05E-07	7.14E-08	6.51E-07	2.40E-06
1863	494761.06	3859201.99	2.82E-03	3.05E-03	4.86E-03	9.76E-07	2.95E-06	1.71E-06	1.84E-06	1.67E-06	7.62E-07	1.22E-06	3.26E-08	7.87E-07	1.74E-07	2.50E-07	3.97E-07	7.00E-08	6.38E-07	2.35E-06
1864	494811.06	3859201.99	2.77E-03	2.99E-03	4.77E-03	9.59E-07	2.90E-06	1.68E-06	1.81E-06	1.64E-06	7.49E-07	1.19E-06	3.20E-08	7.74E-07	1.71E-07	2.46E-07	3.90E-07	6.88E-08	6.27E-07	2.31E-06
1865	494861.06	3859201.99	2.72E-03	2.93E-03	4.68E-03	9.40E-07	2.84E-06	1.64E-06	1.77E-06	1.61E-06	7.34E-07	1.17E-06	3.14E-08	7.58E-07	1.67E-07	2.41E-07	3.82E-07	6.74E-08	6.14E-07	2.26E-06
1866	494911.06	3859201.99	2.64E-03	2.85E-03	4.55E-03	9.15E-07	2.76E-06	1.60E-06	1.73E-06	1.57E-06	7.14E-07	1.14E-06	3.06E-08	7.38E-07	1.63E-07	2.35E-07	3.72E-07	6.56E-08	5.98E-07	2.20E-06
1867	494961.06	3859201.99	2.57E-03	2.77E-03	4.42E-03	8.89E-07	2.68E-06	1.55E-06	1.68E-06	1.52E-06	6.94E-07	1.11E-06	2.97E-08	7.17E-07	1.58E-07	2.28E-07	3.61E-07	6.37E-08	5.81E-07	2.14E-06
1868	495011.06	3859201.99	2.47E-03	2.66E-03	4.25E-03	8.54E-07	2.58E-06	1.49E-06	1.61E-06	1.46E-06	6.67E-07	1.06E-06	2.85E-08	6.89E-07	1.52E-07	2.19E-07	3.47E-07	6.12E-08	5.58E-07	2.05E-06
1869	495061.06	3859201.99	2.50E-03	2.70E-03	4.31E-03	8.67E-07	2.62E-06	1.51E-06	1.64E-06	1.48E-06	6.77E-07	1.08E-06	2.89E-08	6.99E-07	1.54E-07	2.22E-07	3.52E-07	6.21E-08	5.66E-07	2.08E-06
1870	495111.06	3859201.99	2.50E-03	2.70E-03	4.31E-03	8.66E-07	2.61E-06	1.51E-06	1.63E-06	1.48E-06	6.76E-07	1.08E-06	2.89E-08	6.99E-07	1.54E-07	2.22E-07	3.52E-07	6.21E-08	5.66E-07	2.08E-06
1871	495161.06	3859201.99	2.50E-03	2.69E-03	4.30E-03	8.64E-07	2.61E-06	1.51E-06	1.63E-06	1.48E-06	6.74E-07	1.08E-06	2.88E-08	6.97E-07	1.54E-07	2.21E-07	3.51E-07	6.19E-08	5.64E-07	2.08E-06
1872	495211.06	3859201.99	2.47E-03	2.67E-03	4.26E-03	8.56E-07	2.59E-06	1.50E-06	1.62E-06	1.47E-06	6.69E-07	1.07E-06	2.86E-08	6.91E-07	1.52E-07	2.19E-07	3.48E-07	6.14E-08	5.59E-07	2.06E-06
1873	495261.06	3859201.99	2.47E-03	2.67E-03	4.26E-03	8.56E-07	2.59E-06	1.50E-06	1.62E-06	1.47E-06	6.69E-07	1.07E-06	2.86E-08	6.91E-07	1.52E-07	2.19E-07	3.48E-07	6.14E-08	5.59E-07	2.06E-06
1874	495311.06	3859201.99	2.47E-03	2.66E-03	4.25E-03	8.54E-07	2.58E-06	1.49E-06	1.61E-06	1.46E-06	6.67E-07	1.06E-06	2.85E-08	6.89E-07	1.52E-07	2.19E-07	3.47E-07	6.12E-08	5.58E-07	2.05E-06
1875	495361.06	3859201.99	2.46E-03	2.66E-03	4.24E-03	8.52E-07	2.57E-06	1.49E-06	1.61E-06	1.46E-06	6.65E-07	1.06E-06	2.85E-08	6.87E-07	1.52E-07	2.18E-07	3.47E-07	6.11E-08	5.57E-07	2.05E-06
1876	495411.06	3859201.99	2.47E-03	2.67E-03	4.25E-03	8.55E-07	2.58E-06	1.49E-06	1.61E-06	1.46E-06	6.68E-07	1.06E-06	2.86E-08	6.90E-07	1.52E-07	2.19E-07	3.48E-07	6.13E-08	5.59E-07	2.06E-06
1877	495461.06	3859201.99	2.46E-03	2.65E-03	4.23E-03	8.50E-07	2.57E-06	1.49E-06	1.61E-06	1.46E-06	6.64E-07	1.06E-06	2.84E-08	6.86E-07	1.51E-07	2.18E-07	3.46E-07	6.09E-08	5.56E-07	2.05E-06
1878	495511.06	3859201.99	2.44E-03	2.64E-03	4.21E-03	8.46E-07	2.55E-06	1.48E-06	1.60E-06	1.45E-06	6.60E-07	1.05E-06	2.82E-08	6.82E-07	1.51E-07	2.17E-07	3.44E-07	6.06E-08	5.52E-07	2.03E-06
1879	495561.06	3859201.99	2.41E-03	2.60E-03	4.15E-03	8.34E-07	2.52E-06	1.46E-06	1.57E-06	1.43E-06	6.51E-07	1.04E-06	2.79E-08	6.73E-07	1.48E-07	2.14E-07	3.39E-07	5.98E-08	5.45E-07	2.01E-06
1880	495611.06	3859201.99	2.39E-03	2.58E-03	4.11E-03	8.27E-07	2.50E-06	1.44E-06	1.56E-06	1.41E-06	6.45E-07	1.03E-06	2.76E-08	6.67E-07	1.47E-07	2.12E-07	3.36E-07	5.92E-08	5.40E-07	1.99E-06
1881	495661.06	3859201.99	2.37E-03	2.56E-03	4.09E-03	8.22E-07	2.48E-06	1.44E-06	1.55E-06	1.41E-06	6.42E-07	1.02E-06	2.74E-08	6.63E-07	1.46E-07	2.11E-07	3.34E-07	5.89E-08	5.37E-07	1.98E-06
1882	494311.06	3859251.99	3.20E-03	3.46E-03	5.52E-03	1.11E-06	3.35E-06	1.94E-06	2.09E-06	1.90E-06	8.66E-07	1.38E-06	3.70E-08	8.95E-07	1.97E-07	2.84E-07	4.51E-07	7.95E-08	7.25E-07	2.67E-06
1883	494361.06	3859251.99	3.17E-03	3.42E-03	5.46E-03	1.10E-06	3.31E-06	1.92E-06	2.07E-06	1.88E-06	8.57E-07	1.37E-06	3.66E-08	8.85E-07	1.95E-07	2.81E-07	4.46E-07	7.86E-08	7.17E-07	2.64E-06

1884	494411.06	3859251.99	3.12E-03	3.37E-03	5.38E-03	1.08E-06	3.26E-06	1.89E-06	2.04E-06	1.85E-06	8.44E-07	1.35E-06	3.61E-08	8.71E-07	1.92E-07	2.77E-07	4.39E-07	7.74E-08	7.06E-07	2.60E-06
1885	494461.06	3859251.99	3.09E-03	3.34E-03	5.32E-03	1.07E-06	3.23E-06	1.87E-06	2.02E-06	1.83E-06	8.35E-07	1.33E-06	3.57E-08	8.62E-07	1.90E-07	2.74E-07	4.35E-07	7.66E-08	6.99E-07	2.57E-06
1886	494511.06	3859251.99	3.03E-03	3.28E-03	5.23E-03	1.05E-06	3.17E-06	1.84E-06	1.98E-06	1.80E-06	8.20E-07	1.31E-06	3.51E-08	8.47E-07	1.87E-07	2.69E-07	4.27E-07	7.53E-08	6.87E-07	2.53E-06
1887	494561.06	3859251.99	3.00E-03	3.24E-03	5.17E-03	1.04E-06	3.14E-06	1.81E-06	1.96E-06	1.78E-06	8.11E-07	1.29E-06	3.47E-08	8.38E-07	1.85E-07	2.66E-07	4.22E-07	7.44E-08	6.79E-07	2.50E-06
1888	494611.06	3859251.99	2.95E-03	3.19E-03	5.09E-03	1.02E-06	3.09E-06	1.79E-06	1.93E-06	1.75E-06	7.98E-07	1.27E-06	3.41E-08	8.24E-07	1.82E-07	2.62E-07	4.16E-07	7.33E-08	6.68E-07	2.46E-06
1889	494661.06	3859251.99	2.93E-03	3.16E-03	5.04E-03	1.01E-06	3.06E-06	1.77E-06	1.91E-06	1.73E-06	7.92E-07	1.26E-06	3.38E-08	8.18E-07	1.80E-07	2.60E-07	4.12E-07	7.26E-08	6.63E-07	2.44E-06
1890	494711.06	3859251.99	2.89E-03	3.13E-03	4.98E-03	1.00E-06	3.02E-06	1.75E-06	1.89E-06	1.71E-06	7.82E-07	1.25E-06	3.34E-08	8.08E-07	1.78E-07	2.57E-07	4.07E-07	7.18E-08	6.55E-07	2.41E-06
1891	494761.06	3859251.99	2.80E-03	3.03E-03	4.83E-03	9.71E-07	2.93E-06	1.70E-06	1.83E-06	1.66E-06	7.58E-07	1.21E-06	3.24E-08	7.83E-07	1.73E-07	2.49E-07	3.95E-07	6.96E-08	6.35E-07	2.34E-06
1892	494811.06	3859251.99	2.79E-03	3.01E-03	4.81E-03	9.66E-07	2.92E-06	1.69E-06	1.82E-06	1.65E-06	7.54E-07	1.20E-06	3.23E-08	7.79E-07	1.72E-07	2.48E-07	3.93E-07	6.92E-08	6.31E-07	2.32E-06
1893	494861.06	3859251.99	2.71E-03	2.93E-03	4.67E-03	9.38E-07	2.83E-06	1.64E-06	1.77E-06	1.61E-06	7.32E-07	1.17E-06	3.13E-08	7.56E-07	1.67E-07	2.40E-07	3.81E-07	6.72E-08	6.13E-07	2.26E-06
1894	494911.06	3859251.99	2.64E-03	2.85E-03	4.54E-03	9.13E-07	2.76E-06	1.60E-06	1.72E-06	1.56E-06	7.13E-07	1.14E-06	3.05E-08	7.36E-07	1.63E-07	2.34E-07	3.71E-07	6.54E-08	5.97E-07	2.20E-06
1895	494961.06	3859251.99	2.60E-03	2.81E-03	4.48E-03	9.00E-07	2.72E-06	1.57E-06	1.70E-06	1.54E-06	7.03E-07	1.12E-06	3.01E-08	7.26E-07	1.60E-07	2.31E-07	3.66E-07	6.45E-08	5.88E-07	2.17E-06
1896	495011.06	3859251.99	2.56E-03	2.76E-03	4.40E-03	8.85E-07	2.67E-06	1.55E-06	1.67E-06	1.51E-06	6.91E-07	1.10E-06	2.95E-08	7.14E-07	1.57E-07	2.27E-07	3.60E-07	6.34E-08	5.78E-07	2.13E-06
1897	495061.06	3859251.99	2.56E-03	2.76E-03	4.41E-03	8.86E-07	2.67E-06	1.55E-06	1.67E-06	1.52E-06	6.92E-07	1.10E-06	2.96E-08	7.14E-07	1.58E-07	2.27E-07	3.60E-07	6.35E-08	5.79E-07	2.13E-06
1898	495111.06	3859251.99	2.54E-03	2.74E-03	4.38E-03	8.80E-07	2.66E-06	1.54E-06	1.66E-06	1.51E-06	6.87E-07	1.10E-06	2.94E-08	7.10E-07	1.57E-07	2.25E-07	3.58E-07	6.30E-08	5.75E-07	2.12E-06
1899	495161.06	3859251.99	2.53E-03	2.74E-03	4.36E-03	8.77E-07	2.65E-06	1.53E-06	1.66E-06	1.50E-06	6.85E-07	1.09E-06	2.93E-08	7.07E-07	1.56E-07	2.25E-07	3.57E-07	6.28E-08	5.73E-07	2.11E-06
1900	495211.06	3859251.99	2.51E-03	2.71E-03	4.33E-03	8.70E-07	2.63E-06	1.52E-06	1.64E-06	1.49E-06	6.79E-07	1.08E-06	2.91E-08	7.02E-07	1.55E-07	2.23E-07	3.54E-07	6.24E-08	5.68E-07	2.09E-06
1901	495261.06	3859251.99	2.51E-03	2.71E-03	4.32E-03	8.68E-07	2.62E-06	1.52E-06	1.64E-06	1.49E-06	6.78E-07	1.08E-06	2.90E-08	7.00E-07	1.54E-07	2.22E-07	3.53E-07	6.22E-08	5.67E-07	2.09E-06
1902	495311.06	3859251.99	2.51E-03	2.71E-03	4.32E-03	8.68E-07	2.62E-06	1.52E-06	1.64E-06	1.49E-06	6.78E-07	1.08E-06	2.90E-08	7.00E-07	1.54E-07	2.22E-07	3.53E-07	6.22E-08	5.67E-07	2.09E-06
1903	495361.06	3859251.99	2.50E-03	2.70E-03	4.30E-03	8.64E-07	2.61E-06	1.51E-06	1.63E-06	1.48E-06	6.75E-07	1.08E-06	2.88E-08	6.97E-07	1.54E-07	2.21E-07	3.51E-07	6.19E-08	5.64E-07	2.08E-06
1904	495411.06	3859251.99	2.50E-03	2.70E-03	4.31E-03	8.66E-07	2.61E-06	1.51E-06	1.63E-06	1.48E-06	6.76E-07	1.08E-06	2.89E-08	6.98E-07	1.54E-07	2.22E-07	3.52E-07	6.20E-08	5.66E-07	2.08E-06
1905	495461.06	3859251.99	2.49E-03	2.69E-03	4.28E-03	8.61E-07	2.60E-06	1.51E-06	1.63E-06	1.47E-06	6.72E-07	1.07E-06	2.88E-08	6.95E-07	1.53E-07	2.21E-07	3.50E-07	6.17E-08	5.63E-07	2.07E-06
1906	495511.06	3859251.99	2.46E-03	2.66E-03	4.24E-03	8.51E-07	2.57E-06	1.49E-06	1.61E-06	1.46E-06	6.65E-07	1.06E-06	2.84E-08	6.87E-07	1.51E-07	2.18E-07	3.46E-07	6.10E-08	5.56E-07	2.05E-06
1907	495561.06	3859251.99	2.44E-03	2.63E-03	4.20E-03	8.44E-07	2.55E-06	1.48E-06	1.59E-06	1.44E-06	6.59E-07	1.05E-06	2.82E-08	6.81E-07	1.50E-07	2.16E-07	3.43E-07	6.05E-08	5.51E-07	2.03E-06
1908	495611.06	3859251.99	2.41E-03	2.60E-03	4.15E-03	8.34E-07	2.52E-06	1.46E-06	1.58E-06	1.43E-06	6.51E-07	1.04E-06	2.79E-08	6.73E-07	1.48E-07	2.14E-07	3.39E-07	5.98E-08	5.45E-07	2.01E-06
1909	495661.06	3859251.99	2.39E-03	2.58E-03	4.12E-03	8.28E-07	2.50E-06	1.45E-06	1.56E-06	1.42E-06	6.47E-07	1.03E-06	2.77E-08	6.68E-07	1.47E-07	2.12E-07	3.37E-07	5.93E-08	5.41E-07	1.99E-06
1910	494311.06	3859301.99	3.21E-03	3.47E-03	5.53E-03	1.11E-06	3.36E-06	1.94E-06	2.10E-06	1.90E-06	8.68E-07	1.38E-06	3.71E-08	8.96E-07	1.98E-07	2.85E-07	4.52E-07	7.96E-08	7.26E-07	2.67E-06
1911	494361.06	3859301.99	3.17E-03	3.43E-03	5.47E-03	1.10E-06	3.32E-06	1.92E-06	2.07E-06	1.88E-06	8.58E-07	1.37E-06	3.67E-08	8.86E-07	1.96E-07	2.82E-07	4.47E-07	7.87E-08	7.18E-07	2.64E-06
1912	494411.06	3859301.99	3.13E-03	3.38E-03	5.39E-03	1.08E-06	3.27E-06	1.89E-06	2.04E-06	1.85E-06	8.46E-07	1.35E-06	3.62E-08	8.73E-07	1.93E-07	2.78E-07	4.40E-07	7.76E-08	7.08E-07	2.61E-06
1913	494461.06	3859301.99	3.08E-03	3.33E-03	5.31E-03	1.07E-06	3.22E-06	1.86E-06	2.01E-06	1.83E-06	8.33E-07	1.33E-06	3.56E-08	8.60E-07	1.90E-07	2.73E-07	4.34E-07	7.64E-08	6.97E-07	2.57E-06
1914	494511.06	3859301.99	3.04E-03	3.28E-03	5.24E-03	1.05E-06	3.18E-06	1.84E-06	1.99E-06	1.80E-06	8.22E-07	1.31E-06	3.51E-08	8.49E-07	1.87E-07	2.70E-07	4.28E-07	7.54E-08	6.88E-07	2.53E-06
1915	494561.06	3859301.99	3.01E-03	3.25E-03	5.18E-03	1.04E-06	3.14E-06	1.82E-06	1.96E-06	1.78E-06	8.13E-07	1.30E-06	3.47E-08	8.39E-07	1.85E-07	2.67E-07	4.23E-07	7.46E-08	6.80E-07	2.50E-06
1916	494611.06	3859301.99	2.97E-03	3.21E-03	5.11E-03	1.03E-06	3.10E-06	1.80E-06	1.94E-06	1.76E-06	8.03E-07	1.28E-06	3.43E-08	8.29E-07	1.83E-07	2.63E-07	4.18E-07	7.37E-08	6.72E-07	2.47E-06
1917	494661.06	3859301.99	2.93E-03	3.17E-03	5.05E-03	1.02E-06	3.06E-06	1.77E-06	1.92E-06	1.74E-06	7.93E-07	1.26E-06	3.39E-08	8.19E-07	1.81E-07	2.60E-07	4.13E-07	7.27E-08	6.64E-07	2.44E-06
1918	494711.06	3859301.99	2.89E-03	3.12E-03	4.97E-03	1.00E-06	3.02E-06	1.75E-06	1.89E-06	1.71E-06	7.81E-07	1.24E-06	3.34E-08	8.06E-07	1.78E-07	2.56E-07	4.06E-07	7.16E-08	6.53E-07	2.41E-06
1919	494761.06	3859301.99	2.85E-03	3.08E-03	4.91E-03	9.86E-07	2.98E-06	1.72E-06	1.86E-06	1.69E-06	7.70E-07	1.23E-06	3.29E-08	7.95E-07	1.75E-07	2.53E-07	4.01E-07	7.07E-08	6.44E-07	2.37E-06
1920	494811.06	3859301.99	2.79E-03	3.01E-03	4.81E-03	9.66E-07	2.92E-06	1.69E-06	1.82E-06	1.65E-06	7.54E-07	1.20E-06	3.23E-08	7.79E-07	1.72E-07	2.48E-07	3.93E-07	6.92E-08	6.31E-07	2.32E-06
1921	494861.06	3859301.99	2.71E-03	2.93E-03	4.67E-03	9.38E-07	2.83E-06	1.64E-06	1.77E-06	1.60E-06	7.32E-07	1.17E-06	3.13E-08	7.56E-07	1.67E-07	2.40E-07	3.81E-07	6.72E-08	6.13E-07	2.26E-06
1922	494911.06	3859301.99	2.67E-03	2.88E-03	4.60E-03	9.24E-07	2.79E-06	1.61E-06	1.74E-06	1.58E-06	7.21E-07	1.15E-06	3.08E-08	7.45E-07	1.64E-07	2.37E-07	3.76E-07	6.62E-08	6.04E-07	2.22E-06
1923	494961.06	3859301.99	2.59E-03	2.79E-03	4.46E-03	8.96E-07	2.70E-06	1.57E-06	1.69E-06	1.53E-06	6.99E-07	1.12E-06	2.99E-08	7.22E-07	1.59E-07	2.30E-07	3.64E-07	6.42E-08	5.85E-07	2.16E-06
1924	495011.06	3859301.99	2.56E-03	2.76E-03	4.41E-03	8.86E-07	2.67E-06	1.55E-06	1.67E-06	1.52E-06	6.91E-07	1.10E-06	2.96E-08	7.14E-07	1.58E-07	2.27E-07	3.60E-07	6.35E-08	5.79E-07	2.13E-06
1925	495061.06	3859301.99	2.59E-03	2.80E-03	4.47E-03	8.98E-07	2.71E-06	1.57E-06	1.70E-06	1.54E-06	7.01E-07	1.12E-06	3.00E-08	7.24E-07	1.60E-07	2.30E-07	3.65E-07	6.44E-08	5.87E-07	2.16E-06
1926	495111.06	3859301.99	2.55E-03	2.76E-03	4.40E-03	8.84E-07	2.67E-06	1.54E-06	1.67E-06	1.51E-06	6.90E-07	1.10E-06	2.95E-08	7.13E-07	1.57E-07	2.26E-07	3.59E-07	6.33E-08	5.77E-07	2.13E-06
1927	495161.06	3859301.99	2.54E-03	2.75E-03	4.38E-03	8.81E-07	2.66E-06	1.54E-06	1.66E-06	1.51E-06	6.88E-07	1.10E-06	2.94E-08	7.11E-07	1.57E-07	2.26E-07	3.58E-07	6.31E-08	5.76E-07	2.12E-06
1928	495211.06	3859301.99	2.55E-03	2.76E-03	4.40E-03	8.84E-07	2.67E-06	1.55E-06	1.67E-06	1.51E-06	6.90E-07	1.10E-06	2.95E-08	7.13E-07	1.57E-07	2.27E-07	3.60E-07	6.34E-08	5.78E-07	2.13E-06
1929	495261.06	3859301.99	2.55E-03	2.76E-03	4.40E-03	8.83E-07	2.67E-06	1.54E-06	1.67E-06	1.51E-06	6.90E-07	1.10E-06	2.95E-08	7.13E-07	1.57E-07	2.26E-07	3.59E-07	6.33E-08	5.77E-07	2.13E-06
1930	495311.06	3859301.99	2.52E-03	2.73E-03	4.35E-03	8.74E-07	2.64E-06	1.53E-06	1.65E-06	1.50E-06	6.82E-07	1.09E-06	2.92E-08	7.05E-07	1.56E-07	2.24E-07	3.55E-07	6.26E-08	5.71E-07	2.10E-06
1931	495361.06	3859301.99	2.53E-03	2.73E-03	4.35E-03	8.74E-07	2.64E-06	1.53E-06	1.65E-06	1.50E-06	6.83E-07	1.09E-06	2.92E-08	7.05E-07	1.56E-07	2.24E-07	3.55E-07	6.26E-08	5.71E-07	2.10E-06
1932	495411.06	3859301.99	2.52E-03	2.72E-03	4.34E-03	8.71E-07	2.63E-06	1.52E-06	1.65E-06	1.49E-06	6.80E-07	1.09E-06	2.91E-08	7.03E-07	1.55E-07	2.23E-07	3.54E-07	6.24E-08	5.70E-07	2.10E-06
1933	495461.06	3859301.99	2.51E-03	2.71E-03	4.33E-03	8.70E-07	2.63E-06	1.52E-06	1.64E-06	1.49E-06	6.79E-07	1.08E-06	2.90E-08	7.02E-07	1.55E-07	2.23E-07	3.54E-07	6.23E-08	5.68E-07	2.09E-06
1934	495511.06	3859301.99	2.49E-03	2.69E-03	4.28E-03	8.61E-07	2.60E-06	1.51E-06	1.63E-06	1.47E-06	6.72E-07	1.07E-06	2.88E-08	6.95E-07	1.53E-07	2.21E-07	3.50E-07	6.17E-08	5.63E-07	2.07E-06
1935	495561.06	3859301.99	2.45E-03	2.64E-03	4.21E-03	8.47E-07	2.56E-06	1.48E-06	1.60E-06	1.45E-06	6.61E-07	1.05E-06	2.83E-08	6.83E-07	1.51E-07	2.17E-07	3.44E-07	6.07E-08	5.53E-07	2.04E-06
1936	495611.06	3859301.99	2.43E-03	2.62E-03	4.18E-03	8.41E-07	2.54E-06	1.47E-06	1.59E-06	1.44E-06	6.57E-07	1.05E-06	2.81E-08	6.78E-07	1.50E-07	2.16E-07	3.42E-07	6.03E-08	5.49E-07	2.02E-06
1937	495661.06	3859301.99	2.41E-03	2.60E-03	4.15E-03	8.35E-07	2.52E-06	1.46E-06	1.58E-06	1.43E-06	6.52E-07	1.04E-06	2.79E-08	6.73E-07	1.49E-07	2.14E-07	3.39E-07	5.98E-08	5.46E-07	2.01E-06
1938	494311.06	3859351.99	3.20E-03	3.46E-03	5.51E-03	1.11E-06	3.34E-06	1.94E-06	2.09E-06	1.90E-06	8.65E-07	1.38E-06	3.70E-08	8.93E-07	1.97E-07	2.84E-07	4.50E-07	7.94E-08	7.24E-07	2.66E-06
1939	494361.06	3859351.99	3.16E-03	3.42E-03	5.45E-03	1.10E-06	3.31E-06	1.91E-06	2.07E-06	1.87E-06	8.55E-07	1.36E-06	3.66E-08	8.84E-07	1.95E-07	2.81E-07	4.45E-07	7.85E-08	7.16E-07	2.64E-06
1940	494411.06	3859351.99	3.12E-03	3.37E-03	5.37E-03	1.08E-06	3.26E-06	1.89E-06	2.04E-06	1.85E-06	8.42E-07	1.34E-06	3.60E-08	8.70E-07	1.92E-07	2.76E-07	4.39E-07	7.73E-08	7.05E-07	2.60E-06
1941	494461.06	3859351.99	3.07E-03	3.32E-03	5.29E-03	1.06E-06	3.21E-06	1.86E-06	2.01E-06	1.82E-06	8.31E-07	1.33E-06	3.55E-08	8.58E-07	1.89E-07	2.73E-07	4.33E-07	7.63E-08	6.95E-07	2.56E-06
1942	494511.06	3859351.99	3.04E-03	3.28E-03	5.23E-03	1.05E-06	3.17E-06	1.84E-06	1.98E-06	1.80E-06	8.21E-07	1.31E-06	3.51E-08	8.48E-07	1.87E-07	2.69E-07	4.27E-07	7.53E-08	6.87E-07	2.53E-06
1943	494561.06	3859351.99	3.01E-03	3.25E-03	5.18E-03	1.04E-06	3.14E-06	1.82E-06	1.97E-06	1.78E-06	8.13E-07	1.30E-06	3.48E-08	8.40E-07	1.85E-07	2.67E-07	4.23E-07	7.46E-08	6.80E-07	2.50E-06
1944	494611.06	3859351.99	2.97E-03	3.21E-03	5.12E-03	1.03E-06	3.11E-06	1.80E-06	1.94E-06	1.76E-06	8.04E-07	1.28E-06	3.44E-08	8.30E-07	1.83E-07	2.64E-07	4.19E-07	7.38E-08	6.73E-07	2.48E-06
1945	494661.06	3859351.99	2.94E-03	3.17E-03	5.06E-03	1.02E-06	3.07E-06	1.78E-06	1.92E-06	1.74E-06	7.94E-07	1.27E-06	3.40E-08	8.20E-07	1.81E-07	2.61E-07	4.14E-07	7.29E-08	6.65E-07	2.45E-06
1946	494711.06	3859351.99	2.89E-03	3.12E-03	4.98E-03	1.00E-06	3.02E-06	1.75E-06	1.89E-06	1.71E-06	7.82E-07	1.25E-06	3.34E-08	8.07E-07	1.78E-07	2.57E-07	4.07E-07	7.17E-08	6.54E-07	2.41E-06
1947	494761.06	3859351.99	2.83E-03	3.06E-03	4.88E-03	9.80E-07	2.96E-06	1.71E-06	1.85E-06	1.68E-06	7.65E-07	1.22E-06	3.27E-08	7.91E-07	1.74E-07	2.51E-07	3.99E-07	7.02E-08	6.41E-07	2.36E-06
1948	494811.06	3859351.99	2.75E-03	2.97E-03	4.73E-03	9.51E-07	2.87E-06	1.66E-06	1.80E-06	1.63E-06	7.43E-07	1.18E-06	3.18E-08	7.67E-07	1.69E-07	2.44E-07	3.87E-07	6.82E-08	6.22E-07	2.29E-06
1949	494861.06	3859351.99	2.72E-03	2.93E-03	4.68E-03	9.40E-07	2.84E-06	1.64E-06	1.77E-06	1.61E-06	7.34E-07	1.17E-06	3.14E-08	7.58E-07	1.67E-07	2.41E-07	3.82E-07	6.74E-08	6.15E-07	2.26E-06
1950	494911.06	3859351.99	2.70E-03	2.91E-03	4.64E-03	9.33E-07	2.82E-06	1.63E-06	1.76E-06	1.60E-06	7.29E-07	1.16E-06	3.12E-08	7.53E-07	1.66E-07	2.39E-07	3.79E-07	6.69E-08	6.10E-07	2.25E-06
1951	494961.06	3859351.99	2.66E-03	2.87E-03	4.58E-03	9.20E-07	2.78E-06	1.61E-06	1.74E-06	1.57E-06	7.19E-07	1.15E-06	3.07E-08	7.42E-07	1.64E-07	2.36E-07	3.74E-07	6.59E-08	6.01E-07	2.21E-06
1952	495011.06	3859351.99	2.63E-03	2.84E-03	4.53E-03	9.11E-07	2.75E-06	1.59E-06	1.72E-06	1.56E-06	7.11E-07	1.13E-06	3.04E-08	7.35E-07	1.62E-07	2.34E-07	3.70E-07	6.53E-08	5.95E-07	2.19E-06
1953	495061.06	3859351.99	2.65E-03	2.86E-03	4.56E-03	9.17E-07	2.77E-06	1.60E-06	1.73E-06	1.57E-06	7.16E-07	1.14E-06	3.06E-08	7.39E-07	1.63E-07	2.35E-07	3.73E-07	6.57E-08	5.99E-07	2.21E-06
1954	495111.06	3859351.99	2.62E-03	2.83E-03	4.51E-03	9.06E-07	2.74E-06	1.58E-06	1.71E-06	1.55E-06	7.08E-07	1.13E-06	3.03E-08	7.31E-07	1.61E-07	2.32E-07	3.69E-07	6.50E-08	5.92E-07	2.18E-06
1955	495161.06	3859351.99	2.61E-03	2.81E-03	4.49E-03	9.02E-07	2.72E-06	1.58E-06	1.70E-06	1.54E-06	7.04E-07	1.12E-06	3.01E-08	7.27E-07	1.61E-07	2.31E-07	3.67E-07	6.46E-08	5.89E-07	2.17E-06
1956	495211.06	3859351.99	2.59E-03	2.80E-03	4.46E-03	8.96E-07	2.71E-06	1.57E-06	1.69E-06	1.53E-06	7.00E-07	1.12E-06	2.99E-08	7.23E-07	1.60E-07	2.30E-07	3.65E-07	6.42E-08	5.86E-07	2.16E-06
1957	495261.06	3859351.99	2.59E-03	2.79E-03	4.45E-03	8.95E-07	2.70E-06	1.56E-06	1.69E-06	1.53E-06	6.99E-07	1.11E-06	2.99E-08	7.22E-07	1.59E-07	2.29E-07	3.64E-07	6.41E-08	5.85E-07	2.15E-06
1958	495311.06	3859351.99	2.56E-03	2.77E-03	4.41E-03	8.87E-07	2.68E-06	1.55E-06	1.67E-06	1.52E-06	6.92E-07	1.10E-06	2.96E-08	7.15E-07	1.58E-07	2.27E-07	3.61E-07	6.35E-08	5.80E-07	2.13E-06
1959	495361.06	3859351.99	2.55E-03	2.75E-03	4.39E-03	8.82E-07	2.66E-06	1.54E-06	1.67E-06	1.51E-06	6.89E-07	1.10E-06	2.95E-08	7.11E-07	1.57E-07	2.26E-07	3.59E-07	6.32E-08	5.77E-07	2.12E-06
1960	495411.06	3859351.99	2.54E-03	2.75E-03	4.38E-03	8.80E-07	2.66E-06	1.54E-06	1.66E-06	1.51E-06	6.87E-07	1.10E-06	2.94E-08	7.10E-07	1.57E-07	2.26E-07	3.58E-07	6.31E-08	5.75E-07	2.12E-06
1961	495461.06	3859351.99	2.54E-03	2.75E-03	4.38E-03	8.80E-07	2.66E-06	1.54E-06	1.66E-06	1.51E-06	6.87E-07	1.10E-06	2.94E-08	7.10E-07	1.57E-07	2.26E-07	3.58E-07	6.31E-08	5.75E-07	2.12E-06
1962	495511.06	3859351.99	2.51E-03	2.71E-03	4.32E-03	8.68E-07	2.62E-06	1.52E-06	1.64E-06	1.49E-06	6.78E-07	1.08E-06	2.90E-08	7.00E-07	1.55E-07	2.23E-07	3.53E-07	6.22E-08	5.67E-07	2.09E-06
1963	495561.06	3859351.99	2.48E-03	2.68E-03	4.28E-03	8.59E-07	2.60E-06	1.50E-06	1.62E-06	1.47E-06	6.71E-07	1.07E-06	2.87E-08	6.93E-07	1.53E-07	2.20E-07	3.49E-07	6.16E-08	5.62E-07	2.07E-06
1964	495611.06	3859351.99	2.47E-03	2.66E-03	4.25E-03	8.53E-07	2.58E-06	1.49E-06	1.61E-06	1.46E-06	6.66E-07	1.06E-06	2.85E-08	6.88E-07	1.52E-07	2.19E-07	3.47E-07	6.12E-08	5.58E-07	2.05E-06
1965	495661.06	3859351.99	2.43E-03	2.63E-03	4.19E-03	8.42E-07	2.54E-06	1.47E-06	1.59E-06	1.44E-06	6.57E-07	1.05E-06	2.81E-08	6.79E-07	1.50E-07	2.16E-07	3.42E-07	6.03E-08	5.50E-07	2.03E-06
1966	494311.06	3859401.99	3.19E-03	3.45E-03	5.50E-03	1.11E-06	3.34E-06	1.93E-06	2.09E-06	1.89E-06	8.63E-07	1.38E-06	3.69E-08	8.92E-07	1.97E-07	2.83E-07	4.50E-07	7.92E-08	7.22E-07	2.66E-06
1967	494361.06	3859401.99	3.15E-03	3.40E-03	5.42E-03	1.09E-06	3.29E-06	1.91E-06	2.06E-06	1.87E-06	8.51E-07	1.36E-06	3.64E-08	8.79E-07	1.94E-07	2.79E-07	4.43E-07	7.81E-08	7.12E-07	2.62E-06
1968	494411.06	3859401.99	3.10E-03	3.35E-03	5.34E-03	1.07E-06	3.24E-06	1.88E-06	2.03E-06	1.84E-06	8.38E-07	1.34E-06	3.58E-08	8.66E-07	1.91E-07	2.75E-07	4.36E-07	7.69E-08	7.01E-07	2.58E-06
1969	494461.06	3859401.99	3.06E-03	3.31E-03	5.28E-03	1.06E-06	3.20E-06	1.85E-06	2.00E-06	1.82E-06	8.28E-07	1.32E-06	3.54E-08	8.56E-07	1.89E-07	2.72E-07	4.31E-07	7.60E-08	6.93E-07	2.55E-06
1970	494511.06	3859401.99	3.04E-03	3.28E-03	5.24E-03	1.05E-06	3.18E-06	1.84E-06	1.99E-06	1.80E-06	8.22E-07	1.31E-06	3.51E-08	8.49E-07	1.87E-07	2.70E-07	4.28E-07	7.54E-08	6.88E-07	2.53E-06
1971	494561.06	3859401.99	3.01E-03	3.25E-03	5.19E-03	1.04E-06	3.15E-06	1.82E-06	1.97E-06	1.78E-06	8.14E-07	1.30E-06	3.48E-08	8.41E-07	1.86E-07	2.67E-07	4.24E-07	7.47E-08	6.81E-07	2.51E-06
1972	494611.06	3859401.99	2.97E-03	3.21E-03	5.12E-03	1.03E-06	3.11E-06	1.80E-06	1.94E-06	1.76E-06	8.04E-07	1.28E-06	3.44E-08	8.30E-07	1.83E-07	2.64E-07	4.19E-07	7.38E-08	6.73E-07	2.48E-06
1973	494661.06	3859401.99	2.95E-03	3.18E-03	5.08E-03	1.02E-06	3.08E-06	1.78E-06	1.93E-06	1.75E-06	7.97E-07	1.27E-06	3.41E-08	8.23E-07	1.82E-07	2.61E-07	4.15E-07	7.31E-08	6.67E-07	2.45E-06
1974	494711.06	3859401.99	2.91E-03	3.15E-03	5.02E-03	1.01E-06	3.05E-06	1.76E-06	1.90E-06	1.73E-06	7.88E-07	1.26E-06	3.37E-08	8.14E-07	1.80E-07	2.59E-07	4.10E-07	7.23E-08	6.59E-07	2.43E-06
1975	494761.06	3859401.99	2.85E-03	3.08E-03	4.91E-03	9.87E-07	2.98E-06	1.73E-06	1.86E-06	1.69E-06	7.71E-07	1.23E-06	3.30E-08	7.96E-07	1.76E-07	2.53E-07	4.01E-07	7.07E-08	6.45E-07	2.38E-06
1976	494811.06	3859401.99	2.80E-03	3.03E-03	4.83E-03	9.71E-07	2.93E-06	1.70E-06	1.83E-06	1.66E-06	7.58E-07	1.21E-06	3.24E-08	7.83E-07	1.73E-07	2.49E-07	3.95E-07	6.96E-08	6.35E-07	2.34E-06
1977	494861.06	3859401.99	2.74E-03	2.96E-03	4.73E-03	9.50E-07	2.87E-06	1.66E-06	1.79E-06	1.63E-06	7.42E-07	1.18E-06	3.17E-08	7.66E-07	1.69E-07	2.43E-07	3.86E-07	6.81E-08	6.21E-07	2.28E-06
1978	494911.06	3859401.99	2.71E-03	2.92E-03	4.66E-03	9.37E-07	2.83E-06	1.64E-06	1.77E-06	1.60E-06	7.32E-07	1.17E-06	3.13E-08	7.56E-07	1.67E-07	2.40E-07	3.81E-07	6.71E-08	6.12E-07	2.25E-06
1979	494961.06	3859401.99	2.69E-03	2.90E-03	4.63E-03	9.30E-07	2.81E-06	1.62E-06	1.76E-06	1.59E-06	7.26E-07	1.16E-06	3.10E-08	7.50E-07	1.65E-07	2.38E-07	3.78E-07	6.66E-08	6.08E-07	2.24E-06
1980	495011.06	3859401.99	2.67E-03	2.89E-03	4.60E-03	9.25E-07	2.79E-06	1.62E-06	1.75E-06	1.58E-06	7.22E-07	1.15E-06	3.09E-08	7.46E-07	1.65E-07	2.37E-07	3.76E-07	6.63E-08	6.05E-07	2.23E-06
1981	495061.06	3859401.99	2.66E-03	2.88E-03	4.59E-03	9.22E-07	2.78E-06	1.61E-06	1.74E-06	1.58E-06	7.20E-07	1.15E-06	3.08E-08	7.44E-07	1.64E-07	2.36E-07	3.75E-07	6.61E-08	6.03E-07	2.22E-06
1982	495111.06	3859401.99	2.63E-03	2.84E-03	4.54E-03	9.12E-07	2.75E-06	1.59E-06	1.72E-06	1.56E-06	7.12E-07	1.14E-06	3.04E-08	7.35E-07	1.62E-07	2.34E-07	3.71E-07	6.53E-08	5.96E-07	2.19E-06
1983	495161.06	3859401.99	2.62E-03	2.83E-03	4.52E-03	9.09E-07	2.74E-06	1.59E-06	1.72E-06	1.55E-06	7.09E-07	1.13E-06	3.03E-08	7.33E-07	1.62E-07	2.33E-07	3.69E-07	6.51E-08	5.94E-07	2.19E-06
1984	495211.06	3859401.99	2.62E-03	2.83E-03	4.52E-03	9.07E-07	2.74E-06	1.59E-06	1.71E-06	1.55E-06	7.09E-07	1.13E-06	3.03E-08	7.32E-07	1.62E-07	2.33E-07	3.69E-07	6.50E-08	5.93E-07	2.18E-06
1985	495261.06	3859401.99	2.61E-03	2.82E-03	4.49E-03	9.02E-07	2.72E-06	1.58E-06	1.70E-06	1.54E-06	7.05E-07	1.12E-06	3.01E-08	7.28E-07	1.61E-07	2.31E-07	3.67E-07	6.47E-08	5.90E-07	2.17E-06
1986	495311.06	3859401.99	2.59E-03	2.80E-03	4.46E-03	8.97E-07	2.71E-06	1.57E-06	1.69E-06	1.53E-06	7.00E-07	1.12E-06	2.99E-08	7.23E-07	1.60E-07	2.30E-07	3.65E-07	6.43E-08	5.86E-07	2.16E-06
1987	495361.06	3859401.99	2.59E-03	2.80E-03	4.46E-03	8.97E-07	2.71E-06	1.57E-06	1.69E-06	1.53E-06	7.00E-07	1.12E-06	2.99E-08	7.23E-07	1.60E-07	2.30E-07	3.65E-07	6.42E-08	5.86E-07	2.16E-06
1988	495411.06	3859401.99	2.58E-03	2.79E-03	4.44E-03	8.93E-07	2.70E-06	1.56E-06	1.69E-06	1.53E-06	6.97E-07	1.11E-06	2.98E-08	7.20E-07	1.59E-07	2.29E-07	3.63E-07	6.40E-08	5.84E-07	2.15E-06

1989	495461.06	3859401.99	2.56E-03	2.76E-03	4.41E-03	8.86E-07	2.67E-06	1.55E-06	1.67E-06	1.52E-06	6.92E-07	1.10E-06	2.96E-08	7.14E-07	1.58E-07	2.27E-07	3.60E-07	6.35E-08	5.79E-07	2.13E-06
1990	495511.06	3859401.99	2.53E-03	2.73E-03	4.35E-03	8.75E-07	2.64E-06	1.53E-06	1.65E-06	1.50E-06	6.83E-07	1.09E-06	2.92E-08	7.06E-07	1.56E-07	2.24E-07	3.56E-07	6.27E-08	5.72E-07	2.10E-06
1991	495561.06	3859401.99	2.49E-03	2.69E-03	4.29E-03	8.62E-07	2.60E-06	1.51E-06	1.63E-06	1.47E-06	6.73E-07	1.07E-06	2.88E-08	6.95E-07	1.53E-07	2.21E-07	3.50E-07	6.17E-08	5.63E-07	2.07E-06
1992	495611.06	3859401.99	2.47E-03	2.67E-03	4.25E-03	8.55E-07	2.58E-06	1.49E-06	1.61E-06	1.46E-06	6.68E-07	1.06E-06	2.85E-08	6.89E-07	1.52E-07	2.19E-07	3.48E-07	6.13E-08	5.59E-07	2.06E-06
1993	495661.06	3859401.99	2.45E-03	2.65E-03	4.23E-03	8.49E-07	2.56E-06	1.48E-06	1.60E-06	1.45E-06	6.63E-07	1.06E-06	2.84E-08	6.85E-07	1.51E-07	2.18E-07	3.45E-07	6.09E-08	5.55E-07	2.04E-06
1994	494311.06	3859451.99	3.17E-03	3.42E-03	5.45E-03	1.10E-06	3.31E-06	1.92E-06	2.07E-06	1.88E-06	8.56E-07	1.36E-06	3.66E-08	8.84E-07	1.95E-07	2.81E-07	4.46E-07	7.85E-08	7.16E-07	2.64E-06
1995	494361.06	3859451.99	3.13E-03	3.38E-03	5.38E-03	1.08E-06	3.27E-06	1.89E-06	2.04E-06	1.85E-06	8.45E-07	1.35E-06	3.62E-08	8.73E-07	1.93E-07	2.78E-07	4.40E-07	7.76E-08	7.07E-07	2.60E-06
1996	494411.06	3859451.99	3.07E-03	3.32E-03	5.29E-03	1.06E-06	3.21E-06	1.86E-06	2.01E-06	1.82E-06	8.30E-07	1.32E-06	3.55E-08	8.58E-07	1.89E-07	2.73E-07	4.32E-07	7.62E-08	6.95E-07	2.56E-06
1997	494461.06	3859451.99	3.05E-03	3.30E-03	5.26E-03	1.06E-06	3.19E-06	1.85E-06	2.00E-06	1.81E-06	8.25E-07	1.32E-06	3.53E-08	8.53E-07	1.88E-07	2.71E-07	4.30E-07	7.57E-08	6.91E-07	2.54E-06
1998	494511.06	3859451.99	3.02E-03	3.26E-03	5.20E-03	1.05E-06	3.16E-06	1.83E-06	1.97E-06	1.79E-06	8.16E-07	1.30E-06	3.49E-08	8.43E-07	1.86E-07	2.68E-07	4.25E-07	7.49E-08	6.83E-07	2.51E-06
1999	494561.06	3859451.99	2.99E-03	3.23E-03	5.15E-03	1.04E-06	3.13E-06	1.81E-06	1.96E-06	1.77E-06	8.09E-07	1.29E-06	3.46E-08	8.36E-07	1.84E-07	2.66E-07	4.21E-07	7.42E-08	6.77E-07	2.49E-06
2000	494611.06	3859451.99	2.98E-03	3.21E-03	5.13E-03	1.03E-06	3.11E-06	1.80E-06	1.95E-06	1.76E-06	8.05E-07	1.28E-06	3.44E-08	8.31E-07	1.83E-07	2.64E-07	4.19E-07	7.38E-08	6.73E-07	2.48E-06
2001	494661.06	3859451.99	2.94E-03	3.17E-03	5.06E-03	1.02E-06	3.07E-06	1.78E-06	1.92E-06	1.74E-06	7.95E-07	1.27E-06	3.40E-08	8.21E-07	1.81E-07	2.61E-07	4.14E-07	7.29E-08	6.65E-07	2.45E-06
2002	494711.06	3859451.99	2.90E-03	3.13E-03	5.00E-03	1.00E-06	3.03E-06	1.76E-06	1.90E-06	1.72E-06	7.84E-07	1.25E-06	3.35E-08	8.10E-07	1.79E-07	2.57E-07	4.08E-07	7.20E-08	6.57E-07	2.42E-06
2003	494761.06	3859451.99	2.87E-03	3.10E-03	4.94E-03	9.94E-07	3.00E-06	1.74E-06	1.88E-06	1.70E-06	7.76E-07	1.24E-06	3.32E-08	8.02E-07	1.77E-07	2.55E-07	4.04E-07	7.12E-08	6.49E-07	2.39E-06
2004	494811.06	3859451.99	2.82E-03	3.05E-03	4.86E-03	9.77E-07	2.95E-06	1.71E-06	1.84E-06	1.67E-06	7.63E-07	1.22E-06	3.26E-08	7.88E-07	1.74E-07	2.50E-07	3.97E-07	7.00E-08	6.38E-07	2.35E-06
2005	494861.06	3859451.99	2.78E-03	3.00E-03	4.79E-03	9.62E-07	2.91E-06	1.68E-06	1.82E-06	1.65E-06	7.52E-07	1.20E-06	3.21E-08	7.76E-07	1.71E-07	2.47E-07	3.91E-07	6.90E-08	6.29E-07	2.32E-06
2006	494911.06	3859451.99	2.75E-03	2.97E-03	4.74E-03	9.52E-07	2.87E-06	1.66E-06	1.80E-06	1.63E-06	7.43E-07	1.19E-06	3.18E-08	7.68E-07	1.69E-07	2.44E-07	3.87E-07	6.82E-08	6.22E-07	2.29E-06
2007	494961.06	3859451.99	2.73E-03	2.95E-03	4.71E-03	9.46E-07	2.86E-06	1.65E-06	1.79E-06	1.62E-06	7.38E-07	1.18E-06	3.16E-08	7.63E-07	1.68E-07	2.42E-07	3.85E-07	6.78E-08	6.18E-07	2.28E-06
2008	495011.06	3859451.99	2.71E-03	2.93E-03	4.67E-03	9.38E-07	2.83E-06	1.64E-06	1.77E-06	1.60E-06	7.32E-07	1.17E-06	3.13E-08	7.56E-07	1.67E-07	2.40E-07	3.81E-07	6.72E-08	6.13E-07	2.26E-06
2009	495061.06	3859451.99	2.69E-03	2.90E-03	4.63E-03	9.30E-07	2.81E-06	1.63E-06	1.76E-06	1.59E-06	7.26E-07	1.16E-06	3.11E-08	7.50E-07	1.66E-07	2.38E-07	3.78E-07	6.66E-08	6.08E-07	2.24E-06
2010	495111.06	3859451.99	2.66E-03	2.88E-03	4.59E-03	9.22E-07	2.78E-06	1.61E-06	1.74E-06	1.58E-06	7.20E-07	1.15E-06	3.08E-08	7.44E-07	1.64E-07	2.36E-07	3.75E-07	6.61E-08	6.03E-07	2.22E-06
2011	495161.06	3859451.99	2.65E-03	2.87E-03	4.57E-03	9.19E-07	2.77E-06	1.61E-06	1.73E-06	1.57E-06	7.17E-07	1.14E-06	3.07E-08	7.41E-07	1.63E-07	2.35E-07	3.73E-07	6.58E-08	6.00E-07	2.21E-06
2012	495211.06	3859451.99	2.65E-03	2.86E-03	4.56E-03	9.17E-07	2.77E-06	1.60E-06	1.73E-06	1.57E-06	7.16E-07	1.14E-06	3.06E-08	7.39E-07	1.63E-07	2.35E-07	3.73E-07	6.57E-08	5.99E-07	2.21E-06
2013	495261.06	3859451.99	2.64E-03	2.85E-03	4.55E-03	9.14E-07	2.76E-06	1.60E-06	1.73E-06	1.56E-06	7.14E-07	1.14E-06	3.05E-08	7.37E-07	1.63E-07	2.34E-07	3.72E-07	6.55E-08	5.97E-07	2.20E-06
2014	495311.06	3859451.99	2.62E-03	2.83E-03	4.52E-03	9.08E-07	2.74E-06	1.59E-06	1.71E-06	1.55E-06	7.09E-07	1.13E-06	3.03E-08	7.32E-07	1.62E-07	2.33E-07	3.69E-07	6.51E-08	5.93E-07	2.18E-06
2015	495361.06	3859451.99	2.61E-03	2.82E-03	4.50E-03	9.03E-07	2.73E-06	1.58E-06	1.71E-06	1.55E-06	7.05E-07	1.13E-06	3.02E-08	7.29E-07	1.61E-07	2.32E-07	3.67E-07	6.47E-08	5.90E-07	2.17E-06
2016	495411.06	3859451.99	2.59E-03	2.80E-03	4.46E-03	8.97E-07	2.71E-06	1.57E-06	1.69E-06	1.53E-06	7.00E-07	1.12E-06	2.99E-08	7.23E-07	1.60E-07	2.30E-07	3.65E-07	6.43E-08	5.86E-07	2.16E-06
2017	495461.06	3859451.99	2.58E-03	2.78E-03	4.44E-03	8.92E-07	2.69E-06	1.56E-06	1.68E-06	1.53E-06	6.96E-07	1.11E-06	2.98E-08	7.19E-07	1.59E-07	2.29E-07	3.63E-07	6.39E-08	5.83E-07	2.15E-06
2018	495511.06	3859451.99	2.54E-03	2.74E-03	4.38E-03	8.79E-07	2.66E-06	1.54E-06	1.66E-06	1.50E-06	6.87E-07	1.10E-06	2.94E-08	7.09E-07	1.57E-07	2.25E-07	3.58E-07	6.30E-08	5.75E-07	2.12E-06
2019	495561.06	3859451.99	2.52E-03	2.72E-03	4.34E-03	8.72E-07	2.63E-06	1.52E-06	1.65E-06	1.49E-06	6.81E-07	1.09E-06	2.91E-08	7.03E-07	1.55E-07	2.23E-07	3.54E-07	6.25E-08	5.70E-07	2.10E-06
2020	495611.06	3859451.99	2.50E-03	2.70E-03	4.30E-03	8.64E-07	2.61E-06	1.51E-06	1.63E-06	1.48E-06	6.75E-07	1.08E-06	2.89E-08	6.97E-07	1.54E-07	2.22E-07	3.51E-07	6.19E-08	5.65E-07	2.08E-06
2021	495661.06	3859451.99	2.48E-03	2.68E-03	4.27E-03	8.58E-07	2.59E-06	1.50E-06	1.62E-06	1.47E-06	6.70E-07	1.07E-06	2.86E-08	6.92E-07	1.53E-07	2.20E-07	3.49E-07	6.15E-08	5.61E-07	2.06E-06
2022	494311.06	3859501.99	3.14E-03	3.40E-03	5.41E-03	1.09E-06	3.29E-06	1.90E-06	2.05E-06	1.86E-06	8.50E-07	1.35E-06	3.63E-08	8.78E-07	1.94E-07	2.79E-07	4.42E-07	7.80E-08	7.11E-07	2.62E-06
2023	494361.06	3859501.99	3.11E-03	3.36E-03	5.35E-03	1.08E-06	3.25E-06	1.88E-06	2.03E-06	1.84E-06	8.40E-07	1.34E-06	3.59E-08	8.68E-07	1.91E-07	2.76E-07	4.37E-07	7.71E-08	7.02E-07	2.59E-06
2024	494411.06	3859501.99	3.04E-03	3.29E-03	5.24E-03	1.05E-06	3.18E-06	1.84E-06	1.99E-06	1.80E-06	8.22E-07	1.31E-06	3.52E-08	8.49E-07	1.87E-07	2.70E-07	4.28E-07	7.55E-08	6.88E-07	2.53E-06
2025	494461.06	3859501.99	3.04E-03	3.28E-03	5.24E-03	1.05E-06	3.18E-06	1.84E-06	1.99E-06	1.80E-06	8.22E-07	1.31E-06	3.52E-08	8.49E-07	1.87E-07	2.70E-07	4.28E-07	7.54E-08	6.88E-07	2.53E-06
2026	494511.06	3859501.99	3.01E-03	3.25E-03	5.17E-03	1.04E-06	3.14E-06	1.82E-06	1.96E-06	1.78E-06	8.12E-07	1.30E-06	3.47E-08	8.39E-07	1.85E-07	2.67E-07	4.23E-07	7.46E-08	6.80E-07	2.50E-06
2027	494561.06	3859501.99	2.97E-03	3.21E-03	5.12E-03	1.03E-06	3.11E-06	1.80E-06	1.94E-06	1.76E-06	8.04E-07	1.28E-06	3.44E-08	8.31E-07	1.83E-07	2.64E-07	4.19E-07	7.38E-08	6.73E-07	2.48E-06
2028	494611.06	3859501.99	2.98E-03	3.21E-03	5.12E-03	1.03E-06	3.11E-06	1.80E-06	1.94E-06	1.76E-06	8.04E-07	1.28E-06	3.44E-08	8.31E-07	1.83E-07	2.64E-07	4.19E-07	7.38E-08	6.73E-07	2.48E-06
2029	494661.06	3859501.99	2.94E-03	3.17E-03	5.06E-03	1.02E-06	3.07E-06	1.78E-06	1.92E-06	1.74E-06	7.94E-07	1.27E-06	3.39E-08	8.20E-07	1.81E-07	2.60E-07	4.13E-07	7.28E-08	6.64E-07	2.45E-06
2030	494711.06	3859501.99	2.89E-03	3.12E-03	4.97E-03	9.99E-07	3.02E-06	1.75E-06	1.89E-06	1.71E-06	7.80E-07	1.24E-06	3.34E-08	8.06E-07	1.78E-07	2.56E-07	4.06E-07	7.16E-08	6.53E-07	2.40E-06
2031	494761.06	3859501.99	2.88E-03	3.11E-03	4.96E-03	9.96E-07	3.01E-06	1.74E-06	1.88E-06	1.70E-06	7.78E-07	1.24E-06	3.33E-08	8.03E-07	1.77E-07	2.55E-07	4.05E-07	7.14E-08	6.51E-07	2.40E-06
2032	494811.06	3859501.99	2.81E-03	3.04E-03	4.85E-03	9.74E-07	2.94E-06	1.70E-06	1.84E-06	1.67E-06	7.60E-07	1.21E-06	3.25E-08	7.85E-07	1.73E-07	2.50E-07	3.96E-07	6.98E-08	6.36E-07	2.34E-06
2033	494861.06	3859501.99	2.79E-03	3.01E-03	4.80E-03	9.65E-07	2.91E-06	1.69E-06	1.82E-06	1.65E-06	7.54E-07	1.20E-06	3.22E-08	7.78E-07	1.72E-07	2.47E-07	3.92E-07	6.92E-08	6.31E-07	2.32E-06
2034	494911.06	3859501.99	2.77E-03	2.99E-03	4.78E-03	9.60E-07	2.90E-06	1.68E-06	1.81E-06	1.64E-06	7.49E-07	1.20E-06	3.20E-08	7.74E-07	1.71E-07	2.46E-07	3.90E-07	6.88E-08	6.27E-07	2.31E-06
2035	494961.06	3859501.99	2.74E-03	2.96E-03	4.72E-03	9.48E-07	2.86E-06	1.66E-06	1.79E-06	1.62E-06	7.40E-07	1.18E-06	3.17E-08	7.65E-07	1.69E-07	2.43E-07	3.86E-07	6.80E-08	6.20E-07	2.28E-06
2036	495011.06	3859501.99	2.72E-03	2.94E-03	4.69E-03	9.43E-07	2.85E-06	1.65E-06	1.78E-06	1.61E-06	7.37E-07	1.17E-06	3.15E-08	7.61E-07	1.68E-07	2.42E-07	3.84E-07	6.76E-08	6.16E-07	2.27E-06
2037	495061.06	3859501.99	2.71E-03	2.93E-03	4.67E-03	9.39E-07	2.83E-06	1.64E-06	1.77E-06	1.61E-06	7.33E-07	1.17E-06	3.13E-08	7.57E-07	1.67E-07	2.41E-07	3.82E-07	6.73E-08	6.13E-07	2.26E-06
2038	495111.06	3859501.99	2.68E-03	2.89E-03	4.62E-03	9.28E-07	2.80E-06	1.62E-06	1.75E-06	1.59E-06	7.24E-07	1.16E-06	3.10E-08	7.48E-07	1.65E-07	2.38E-07	3.77E-07	6.65E-08	6.06E-07	2.23E-06
2039	495161.06	3859501.99	2.67E-03	2.88E-03	4.60E-03	9.24E-07	2.79E-06	1.61E-06	1.74E-06	1.58E-06	7.21E-07	1.15E-06	3.08E-08	7.45E-07	1.64E-07	2.37E-07	3.76E-07	6.62E-08	6.04E-07	2.22E-06
2040	495211.06	3859501.99	2.66E-03	2.88E-03	4.59E-03	9.22E-07	2.78E-06	1.61E-06	1.74E-06	1.58E-06	7.20E-07	1.15E-06	3.08E-08	7.44E-07	1.64E-07	2.36E-07	3.75E-07	6.61E-08	6.03E-07	2.22E-06
2041	495261.06	3859501.99	2.65E-03	2.86E-03	4.57E-03	9.17E-07	2.77E-06	1.60E-06	1.73E-06	1.57E-06	7.16E-07	1.14E-06	3.06E-08	7.40E-07	1.63E-07	2.35E-07	3.73E-07	6.57E-08	6.00E-07	2.21E-06
2042	495311.06	3859501.99	2.64E-03	2.85E-03	4.55E-03	9.14E-07	2.76E-06	1.60E-06	1.73E-06	1.56E-06	7.14E-07	1.14E-06	3.05E-08	7.37E-07	1.63E-07	2.34E-07	3.72E-07	6.55E-08	5.98E-07	2.20E-06
2043	495361.06	3859501.99	2.63E-03	2.84E-03	4.52E-03	9.09E-07	2.74E-06	1.59E-06	1.72E-06	1.56E-06	7.10E-07	1.13E-06	3.04E-08	7.33E-07	1.62E-07	2.33E-07	3.70E-07	6.51E-08	5.94E-07	2.19E-06
2044	495411.06	3859501.99	2.61E-03	2.82E-03	4.50E-03	9.04E-07	2.73E-06	1.58E-06	1.71E-06	1.55E-06	7.06E-07	1.13E-06	3.02E-08	7.29E-07	1.61E-07	2.32E-07	3.68E-07	6.48E-08	5.91E-07	2.17E-06
2045	495461.06	3859501.99	2.59E-03	2.80E-03	4.47E-03	8.97E-07	2.71E-06	1.57E-06	1.69E-06	1.54E-06	7.01E-07	1.12E-06	3.00E-08	7.24E-07	1.60E-07	2.30E-07	3.65E-07	6.43E-08	5.87E-07	2.16E-06
2046	495511.06	3859501.99	2.55E-03	2.75E-03	4.39E-03	8.83E-07	2.66E-06	1.54E-06	1.67E-06	1.51E-06	6.89E-07	1.10E-06	2.95E-08	7.12E-07	1.57E-07	2.26E-07	3.59E-07	6.32E-08	5.77E-07	2.12E-06
2047	495561.06	3859501.99	2.54E-03	2.75E-03	4.38E-03	8.80E-07	2.66E-06	1.54E-06	1.66E-06	1.51E-06	6.87E-07	1.10E-06	2.94E-08	7.10E-07	1.57E-07	2.26E-07	3.58E-07	6.31E-08	5.75E-07	2.12E-06
2048	495611.06	3859501.99	2.52E-03	2.72E-03	4.34E-03	8.72E-07	2.63E-06	1.52E-06	1.65E-06	1.49E-06	6.81E-07	1.09E-06	2.91E-08	7.03E-07	1.55E-07	2.23E-07	3.55E-07	6.25E-08	5.70E-07	2.10E-06
2049	495661.06	3859501.99	2.49E-03	2.69E-03	4.30E-03	8.63E-07	2.61E-06	1.51E-06	1.63E-06	1.48E-06	6.74E-07	1.08E-06	2.88E-08	6.96E-07	1.54E-07	2.21E-07	3.51E-07	6.19E-08	5.64E-07	2.08E-06
2050	494311.06	3859551.99	3.12E-03	3.36E-03	5.36E-03	1.08E-06	3.26E-06	1.88E-06	2.04E-06	1.85E-06	8.42E-07	1.34E-06	3.60E-08	8.70E-07	1.92E-07	2.76E-07	4.38E-07	7.73E-08	7.04E-07	2.59E-06
2051	494361.06	3859551.99	3.08E-03	3.32E-03	5.29E-03	1.06E-06	3.21E-06	1.86E-06	2.01E-06	1.82E-06	8.31E-07	1.32E-06	3.55E-08	8.59E-07	1.89E-07	2.73E-07	4.33E-07	7.63E-08	6.95E-07	2.56E-06
2052	494411.06	3859551.99	3.01E-03	3.25E-03	5.19E-03	1.04E-06	3.15E-06	1.82E-06	1.97E-06	1.78E-06	8.14E-07	1.30E-06	3.48E-08	8.41E-07	1.86E-07	2.67E-07	4.24E-07	7.47E-08	6.81E-07	2.51E-06
2053	494461.06	3859551.99	3.02E-03	3.26E-03	5.20E-03	1.05E-06	3.16E-06	1.83E-06	1.97E-06	1.79E-06	8.16E-07	1.30E-06	3.49E-08	8.43E-07	1.86E-07	2.68E-07	4.25E-07	7.49E-08	6.82E-07	2.51E-06
2054	494511.06	3859551.99	2.99E-03	3.23E-03	5.14E-03	1.03E-06	3.12E-06	1.81E-06	1.95E-06	1.77E-06	8.07E-07	1.29E-06	3.45E-08	8.34E-07	1.84E-07	2.65E-07	4.20E-07	7.41E-08	6.75E-07	2.49E-06
2055	494561.06	3859551.99	2.96E-03	3.20E-03	5.10E-03	1.03E-06	3.10E-06	1.79E-06	1.94E-06	1.75E-06	8.01E-07	1.28E-06	3.42E-08	8.27E-07	1.82E-07	2.63E-07	4.17E-07	7.35E-08	6.70E-07	2.47E-06
2056	494611.06	3859551.99	2.95E-03	3.18E-03	5.07E-03	1.02E-06	3.08E-06	1.78E-06	1.93E-06	1.75E-06	7.97E-07	1.27E-06	3.41E-08	8.23E-07	1.82E-07	2.62E-07	4.15E-07	7.31E-08	6.67E-07	2.45E-06
2057	494661.06	3859551.99	2.93E-03	3.16E-03	5.04E-03	1.01E-06	3.06E-06	1.77E-06	1.91E-06	1.73E-06	7.91E-07	1.26E-06	3.38E-08	8.17E-07	1.80E-07	2.60E-07	4.12E-07	7.26E-08	6.62E-07	2.44E-06
2058	494711.06	3859551.99	2.86E-03	3.09E-03	4.92E-03	9.89E-07	2.99E-06	1.73E-06	1.87E-06	1.69E-06	7.72E-07	1.23E-06	3.30E-08	7.98E-07	1.76E-07	2.53E-07	4.02E-07	7.09E-08	6.46E-07	2.38E-06
2059	494761.06	3859551.99	2.87E-03	3.10E-03	4.94E-03	9.93E-07	3.00E-06	1.74E-06	1.88E-06	1.70E-06	7.76E-07	1.24E-06	3.32E-08	8.01E-07	1.77E-07	2.55E-07	4.04E-07	7.12E-08	6.49E-07	2.39E-06
2060	494811.06	3859551.99	2.82E-03	3.04E-03	4.85E-03	9.76E-07	2.95E-06	1.71E-06	1.84E-06	1.67E-06	7.62E-07	1.21E-06	3.26E-08	7.87E-07	1.74E-07	2.50E-07	3.97E-07	6.99E-08	6.38E-07	2.35E-06
2061	494861.06	3859551.99	2.80E-03	3.02E-03	4.82E-03	9.68E-07	2.92E-06	1.69E-06	1.83E-06	1.66E-06	7.56E-07	1.21E-06	3.23E-08	7.81E-07	1.72E-07	2.48E-07	3.94E-07	6.94E-08	6.32E-07	2.33E-06
2062	494911.06	3859551.99	2.77E-03	2.99E-03	4.77E-03	9.58E-07	2.89E-06	1.67E-06	1.81E-06	1.64E-06	7.48E-07	1.19E-06	3.20E-08	7.73E-07	1.71E-07	2.46E-07	3.90E-07	6.87E-08	6.26E-07	2.31E-06
2063	494961.06	3859551.99	2.75E-03	2.97E-03	4.74E-03	9.53E-07	2.88E-06	1.67E-06	1.80E-06	1.63E-06	7.45E-07	1.19E-06	3.18E-08	7.69E-07	1.70E-07	2.44E-07	3.88E-07	6.83E-08	6.23E-07	2.29E-06
2064	495011.06	3859551.99	2.74E-03	2.96E-03	4.73E-03	9.50E-07	2.87E-06	1.66E-06	1.79E-06	1.63E-06	7.42E-07	1.18E-06	3.17E-08	7.66E-07	1.69E-07	2.44E-07	3.86E-07	6.81E-08	6.21E-07	2.29E-06
2065	495061.06	3859551.99	2.72E-03	2.94E-03	4.69E-03	9.43E-07	2.85E-06	1.65E-06	1.78E-06	1.61E-06	7.36E-07	1.17E-06	3.15E-08	7.61E-07	1.68E-07	2.42E-07	3.83E-07	6.76E-08	6.16E-07	2.27E-06
2066	495111.06	3859551.99	2.70E-03	2.91E-03	4.64E-03	9.33E-07	2.82E-06	1.63E-06	1.76E-06	1.60E-06	7.29E-07	1.16E-06	3.12E-08	7.53E-07	1.66E-07	2.39E-07	3.80E-07	6.69E-08	6.10E-07	2.25E-06
2067	495161.06	3859551.99	2.69E-03	2.90E-03	4.63E-03	9.30E-07	2.81E-06	1.63E-06	1.76E-06	1.59E-06	7.26E-07	1.16E-06	3.11E-08	7.50E-07	1.66E-07	2.38E-07	3.78E-07	6.67E-08	6.08E-07	2.24E-06
2068	495211.06	3859551.99	2.68E-03	2.90E-03	4.62E-03	9.29E-07	2.80E-06	1.62E-06	1.75E-06	1.59E-06	7.25E-07	1.16E-06	3.10E-08	7.49E-07	1.65E-07	2.38E-07	3.78E-07	6.65E-08	6.07E-07	2.23E-06
2069	495261.06	3859551.99	2.66E-03	2.87E-03	4.58E-03	9.21E-07	2.78E-06	1.61E-06	1.74E-06	1.58E-06	7.19E-07	1.15E-06	3.08E-08	7.43E-07	1.64E-07	2.36E-07	3.75E-07	6.60E-08	6.02E-07	2.22E-06
2070	495311.06	3859551.99	2.64E-03	2.86E-03	4.55E-03	9.15E-07	2.76E-06	1.60E-06	1.73E-06	1.57E-06	7.15E-07	1.14E-06	3.06E-08	7.38E-07	1.63E-07	2.35E-07	3.72E-07	6.56E-08	5.98E-07	2.20E-06
2071	495361.06	3859551.99	2.63E-03	2.84E-03	4.53E-03	9.11E-07	2.75E-06	1.59E-06	1.72E-06	1.56E-06	7.11E-07	1.13E-06	3.04E-08	7.35E-07	1.62E-07	2.34E-07	3.70E-07	6.53E-08	5.95E-07	2.19E-06
2072	495411.06	3859551.99	2.62E-03	2.83E-03	4.52E-03	9.08E-07	2.74E-06	1.59E-06	1.71E-06	1.55E-06	7.09E-07	1.13E-06	3.03E-08	7.32E-07	1.62E-07	2.33E-07	3.69E-07	6.51E-08	5.93E-07	2.18E-06
2073	495461.06	3859551.99	2.59E-03	2.80E-03	4.47E-03	8.98E-07	2.71E-06	1.57E-06	1.70E-06	1.54E-06	7.01E-07	1.12E-06	3.00E-08	7.24E-07	1.60E-07	2.30E-07	3.65E-07	6.44E-08	5.87E-07	2.16E-06
2074	495511.06	3859551.99	2.56E-03	2.77E-03	4.42E-03	8.88E-07	2.68E-06	1.55E-06	1.68E-06	1.52E-06	6.93E-07	1.11E-06	2.96E-08	7.16E-07	1.58E-07	2.28E-07	3.61E-07	6.36E-08	5.80E-07	2.14E-06
2075	495561.06	3859551.99	2.55E-03	2.75E-03	4.39E-03	8.82E-07	2.66E-06	1.54E-06	1.66E-06	1.51E-06	6.89E-07	1.10E-06	2.94E-08	7.11E-07	1.57E-07	2.26E-07	3.59E-07	6.32E-08	5.76E-07	2.12E-06
2076	495611.06	3859551.99	2.53E-03	2.73E-03	4.36E-03	8.76E-07	2.64E-06	1.53E-06	1.65E-06	1.50E-06	6.84E-07	1.09E-06	2.92E-08	7.06E-07	1.56E-07	2.24E-07	3.56E-07	6.27E-08	5.72E-07	2.11E-06
2077	495661.06	3859551.99	2.51E-03	2.71E-03	4.32E-03	8.67E-07	2.62E-06	1.52E-06	1.64E-06	1.48E-06	6.77E-07	1.08E-06	2.90E-08	7.00E-07	1.54E-07	2.22E-07	3.53E-07	6.22E-08	5.67E-07	2.09E-06
2078	494311.06	3859601.99	3.09E-03	3.34E-03	5.31E-03	1.07E-06	3.23E-06	1.87E-06	2.02E-06	1.83E-06	8.35E-07	1.33E-06	3.57E-08	8.63E-07	1.90E-07	2.74E-07	4.35E-07	7.66E-08	6.98E-07	2.57E-06
2079	494361.06	3859601.99	3.03E-03	3.27E-03	5.21E-03	1.05E-06	3.17E-06	1.83E-06	1.98E-06	1.79E-06	8.19E-07	1.30E-06	3.50E-08	8.46E-07	1.87E-07	2.69E-07	4.26E-07	7.51E-08	6.85E-07	2.52E-06
2080	494411.06	3859601.99	2.99E-03	3.23E-03	5.15E-03	1.04E-06	3.13E-06	1.81E-06	1.96E-06	1.77E-06	8.09E-07	1.29E-06	3.46E-08	8.35E-07	1.84E-07	2.65E-07	4.21E-07	7.42E-08	6.76E-07	2.49E-06
2081	494461.06	3859601.99	3.00E-03	3.24E-03	5.15E-03	1.04E-06	3.13E-06	1.81E-06	1.96E-06	1.77E-06	8.10E-07	1.29E-06	3.46E-08	8.37E-07	1.85E-07	2.66E-07	4.22E-07	7.43E-08	6.77E-07	2.49E-06
2082	494511.06	3859601.99	2.95E-03	3.19E-03	5.08E-03	1.02E-06	3.09E-06	1.79E-06	1.93E-06	1.75E-06	7.98E-07	1.27E-06	3.41E-08	8.25E-07	1.82E-07	2.62E-07	4.16E-07	7.33E-08	6.68E-07	2.46E-06
2083	494561.06	3859601.99	2.95E-03	3.19E-03	5.08E-03	1.02E-06	3.08E-06	1.79E-06	1.93E-06	1.75E-06	7.98E-07	1.27E-06	3.41E-08	8.24E-07	1.82E-07	2.62E-07	4.15E-07	7.32E-08	6.67E-07	2.46E-06
2084	494611.06	3859601.99	2.94E-03	3.17E-03	5.06E-03	1.02E-06	3.07E-06	1.78E-06	1.92E-06	1.74E-06	7.95E-07	1.27E-06	3.40E-08	8.21E-07	1.81E-07	2.61E-07	4.14E-07	7.29E-08	6.64E-07	2.45E-06
2085	494661.06	3859601.99	2.89E-03	3.12E-03	4.98E-03	1.00E-06	3.02E-06	1.75E-06	1.89E-06	1.71E-06	7.82E-07	1.25E-06	3.34E-08	8.08E-07	1.78E-07	2.57E-07	4.07E-07	7.18E-08	6.54E-07	2.41E-06
2086	494711.06	3859601.99	2.85E-03	3.08E-03	4.90E-03	9.86E-07	2.98E-06	1.72E-06	1.86E-06	1.69E-06	7.70E-07	1.23E-06	3.29E-08	7.95E-07	1.75E-07	2.53E-07	4.01E-07	7.06E-08	6.44E-07	2.37E-06
2087	494761.06	3859601.99	2.87E-03	3.10E-03	4.94E-03	9.94E-07	3.00E-06	1.74E-06	1.88E-06	1.70E-06	7.76E-07	1.24E-06	3.32E-08	8.02E-07	1.77E-07	2.55E-07	4.04E-07	7.12E-08	6.49E-07	2.39E-06
2088	494811.06	3859601.99	2.82E-03	3.05E-03	4.86E-03	9.77E-07	2.95E-06	1.71E-06	1.84E-06	1.67E-06	7.63E-07	1.22E-06	3.26E-08	7.88E-07	1.74E-07	2.50E-07	3.97E-07	7.00E-08	6.38E-07	2.35E-06
2089	494861.06	3859601.99	2.80E-03	3.03E-03	4.83E-03	9.70E-07	2.93E-06	1.70E-06	1.83E-06	1.66E-06	7.58E-07	1.21E-06	3.24E-08	7.83E-07	1.73E-07	2.49E-07	3.95E-07	6.95E-08	6.34E-07	2.33E-06
2090	494911.06	3859601.99	2.77E-03	2.99E-03	4.76E-03	9.58E-07	2.89E-06	1.67E-06	1.81E-06	1.64E-06	7.48E-07	1.19E-06	3.20E-08	7.72E-07	1.70E-07	2.45E-07	3.89E-07	6.86E-08	6.26E-07	2.30E-06
2091	494961.06	3859601.99	2.77E-03	2.99E-03	4.77E-03	9.60E-07	2.90E-06	1.68E-06	1.81E-06	1.64E-06	7.49E-07	1.19E-06	3.20E-08	7.74E-07	1.71E-07	2.46E-07	3.90E-07	6.88E-08	6.27E-07	2.31E-06
2092	495011.06	3859601.99	2.73E-03	2.95E-03	4.70E-03	9.46E-07	2.86E-06	1.65E-06	1.79E-06	1.62E-06	7.39E-07	1.18E-06	3.16E-08	7.63E-07	1.68E-07	2.42E-07	3.85E-07	6.78E-08	6.18E-07	2.28E-06
2093	495061.06	3859601.99	2.73E-03	2.95E-03	4.70E-03	9.45E-07	2.85E-06	1.65E-06	1.78E-06	1.62E-06	7.38E-07	1.18E-06	3.15E-08	7.62E-07	1.68E-07	2.42E-07	3.84E-07	6.77E-08	6.17E-07	2.27E-06

2094	495111.06	3859601.99	2.70E-03	2.92E-03	4.65E-03	9.35E-07	2.82E-06	1.63E-06	1.77E-06	1.60E-06	7.30E-07	1.16E-06	3.12E-08	7.54E-07	1.66E-07	2.40E-07	3.80E-07	6.70E-08	6.11E-07	2.25E-06
2095	495161.06	3859601.99	2.69E-03	2.91E-03	4.64E-03	9.32E-07	2.82E-06	1.63E-06	1.76E-06	1.60E-06	7.28E-07	1.16E-06	3.11E-08	7.52E-07	1.66E-07	2.39E-07	3.79E-07	6.68E-08	6.09E-07	2.24E-06
2096	495211.06	3859601.99	2.68E-03	2.89E-03	4.61E-03	9.27E-07	2.80E-06	1.62E-06	1.75E-06	1.59E-06	7.24E-07	1.15E-06	3.10E-08	7.48E-07	1.65E-07	2.38E-07	3.77E-07	6.64E-08	6.06E-07	2.23E-06
2097	495261.06	3859601.99	2.67E-03	2.88E-03	4.59E-03	9.23E-07	2.79E-06	1.61E-06	1.74E-06	1.58E-06	7.21E-07	1.15E-06	3.08E-08	7.45E-07	1.64E-07	2.37E-07	3.75E-07	6.62E-08	6.03E-07	2.22E-06
2098	495311.06	3859601.99	2.66E-03	2.87E-03	4.58E-03	9.20E-07	2.78E-06	1.61E-06	1.74E-06	1.57E-06	7.19E-07	1.15E-06	3.07E-08	7.42E-07	1.64E-07	2.36E-07	3.74E-07	6.59E-08	6.01E-07	2.21E-06
2099	495361.06	3859601.99	2.64E-03	2.85E-03	4.55E-03	9.14E-07	2.76E-06	1.60E-06	1.73E-06	1.56E-06	7.14E-07	1.14E-06	3.05E-08	7.37E-07	1.63E-07	2.34E-07	3.72E-07	6.55E-08	5.97E-07	2.20E-06
2100	495411.06	3859601.99	2.63E-03	2.84E-03	4.53E-03	9.11E-07	2.75E-06	1.59E-06	1.72E-06	1.56E-06	7.11E-07	1.13E-06	3.04E-08	7.34E-07	1.62E-07	2.33E-07	3.70E-07	6.53E-08	5.95E-07	2.19E-06
2101	495461.06	3859601.99	2.60E-03	2.80E-03	4.47E-03	8.99E-07	2.71E-06	1.57E-06	1.70E-06	1.54E-06	7.02E-07	1.12E-06	3.00E-08	7.25E-07	1.60E-07	2.30E-07	3.65E-07	6.44E-08	5.87E-07	2.16E-06
2102	495511.06	3859601.99	2.57E-03	2.77E-03	4.42E-03	8.88E-07	2.68E-06	1.55E-06	1.68E-06	1.52E-06	6.94E-07	1.11E-06	2.97E-08	7.17E-07	1.58E-07	2.28E-07	3.61E-07	6.37E-08	5.81E-07	2.14E-06
2103	495561.06	3859601.99	2.56E-03	2.77E-03	4.41E-03	8.87E-07	2.68E-06	1.55E-06	1.67E-06	1.52E-06	6.92E-07	1.10E-06	2.96E-08	7.15E-07	1.58E-07	2.27E-07	3.61E-07	6.35E-08	5.79E-07	2.13E-06
2104	495611.06	3859601.99	2.53E-03	2.73E-03	4.35E-03	8.74E-07	2.64E-06	1.53E-06	1.65E-06	1.50E-06	6.83E-07	1.09E-06	2.92E-08	7.05E-07	1.56E-07	2.24E-07	3.56E-07	6.27E-08	5.72E-07	2.10E-06
2105	495661.06	3859601.99	2.52E-03	2.72E-03	4.33E-03	8.71E-07	2.63E-06	1.52E-06	1.64E-06	1.49E-06	6.80E-07	1.08E-06	2.91E-08	7.02E-07	1.55E-07	2.23E-07	3.54E-07	6.24E-08	5.69E-07	2.10E-06
2106	494311.06	3859651.99	3.04E-03	3.29E-03	5.23E-03	1.05E-06	3.18E-06	1.84E-06	1.99E-06	1.80E-06	8.23E-07	1.31E-06	3.52E-08	8.50E-07	1.88E-07	2.70E-07	4.28E-07	7.55E-08	6.88E-07	2.53E-06
2107	494361.06	3859651.99	2.99E-03	3.23E-03	5.15E-03	1.04E-06	3.13E-06	1.81E-06	1.96E-06	1.77E-06	8.09E-07	1.29E-06	3.46E-08	8.35E-07	1.84E-07	2.65E-07	4.21E-07	7.42E-08	6.76E-07	2.49E-06
2108	494411.06	3859651.99	2.97E-03	3.21E-03	5.11E-03	1.03E-06	3.11E-06	1.80E-06	1.94E-06	1.76E-06	8.03E-07	1.28E-06	3.43E-08	8.30E-07	1.83E-07	2.64E-07	4.18E-07	7.37E-08	6.71E-07	2.47E-06
2109	494461.06	3859651.99	2.97E-03	3.21E-03	5.11E-03	1.03E-06	3.11E-06	1.80E-06	1.94E-06	1.76E-06	8.03E-07	1.28E-06	3.44E-08	8.30E-07	1.83E-07	2.64E-07	4.18E-07	7.37E-08	6.72E-07	2.47E-06
2110	494511.06	3859651.99	2.95E-03	3.19E-03	5.07E-03	1.02E-06	3.08E-06	1.78E-06	1.93E-06	1.75E-06	7.97E-07	1.27E-06	3.41E-08	8.24E-07	1.82E-07	2.62E-07	4.15E-07	7.32E-08	6.66E-07	2.46E-06
2111	494561.06	3859651.99	2.94E-03	3.17E-03	5.05E-03	1.02E-06	3.07E-06	1.78E-06	1.92E-06	1.74E-06	7.93E-07	1.26E-06	3.39E-08	8.20E-07	1.81E-07	2.60E-07	4.13E-07	7.28E-08	6.63E-07	2.44E-06
2112	494611.06	3859651.99	2.92E-03	3.15E-03	5.02E-03	1.01E-06	3.05E-06	1.77E-06	1.91E-06	1.73E-06	7.89E-07	1.26E-06	3.37E-08	8.15E-07	1.80E-07	2.59E-07	4.11E-07	7.24E-08	6.60E-07	2.43E-06
2113	494661.06	3859651.99	2.87E-03	3.10E-03	4.94E-03	9.93E-07	3.00E-06	1.74E-06	1.87E-06	1.70E-06	7.75E-07	1.24E-06	3.32E-08	8.01E-07	1.77E-07	2.55E-07	4.04E-07	7.12E-08	6.48E-07	2.39E-06
2114	494711.06	3859651.99	2.86E-03	3.08E-03	4.91E-03	9.88E-07	2.98E-06	1.73E-06	1.87E-06	1.69E-06	7.72E-07	1.23E-06	3.30E-08	7.97E-07	1.76E-07	2.53E-07	4.02E-07	7.08E-08	6.45E-07	2.38E-06
2115	494761.06	3859651.99	2.85E-03	3.07E-03	4.90E-03	9.85E-07	2.97E-06	1.72E-06	1.86E-06	1.69E-06	7.69E-07	1.23E-06	3.29E-08	7.94E-07	1.75E-07	2.52E-07	4.00E-07	7.06E-08	6.43E-07	2.37E-06
2116	494811.06	3859651.99	2.82E-03	3.04E-03	4.84E-03	9.75E-07	2.94E-06	1.70E-06	1.84E-06	1.67E-06	7.61E-07	1.21E-06	3.25E-08	7.86E-07	1.73E-07	2.50E-07	3.96E-07	6.98E-08	6.36E-07	2.34E-06
2117	494861.06	3859651.99	2.80E-03	3.03E-03	4.82E-03	9.70E-07	2.93E-06	1.70E-06	1.83E-06	1.66E-06	7.57E-07	1.21E-06	3.24E-08	7.82E-07	1.73E-07	2.49E-07	3.94E-07	6.95E-08	6.33E-07	2.33E-06
2118	494911.06	3859651.99	2.78E-03	3.00E-03	4.78E-03	9.62E-07	2.91E-06	1.68E-06	1.82E-06	1.65E-06	7.51E-07	1.20E-06	3.21E-08	7.76E-07	1.71E-07	2.47E-07	3.91E-07	6.89E-08	6.28E-07	2.31E-06
2119	494961.06	3859651.99	2.76E-03	2.99E-03	4.76E-03	9.57E-07	2.89E-06	1.67E-06	1.81E-06	1.64E-06	7.47E-07	1.19E-06	3.20E-08	7.72E-07	1.70E-07	2.45E-07	3.89E-07	6.86E-08	6.25E-07	2.30E-06
2120	495011.06	3859651.99	2.74E-03	2.96E-03	4.72E-03	9.50E-07	2.87E-06	1.66E-06	1.79E-06	1.63E-06	7.42E-07	1.18E-06	3.17E-08	7.66E-07	1.69E-07	2.44E-07	3.86E-07	6.81E-08	6.21E-07	2.29E-06
2121	495061.06	3859651.99	2.73E-03	2.95E-03	4.70E-03	9.46E-07	2.86E-06	1.65E-06	1.79E-06	1.62E-06	7.39E-07	1.18E-06	3.16E-08	7.63E-07	1.68E-07	2.42E-07	3.85E-07	6.78E-08	6.18E-07	2.28E-06
2122	495111.06	3859651.99	2.71E-03	2.93E-03	4.67E-03	9.38E-07	2.83E-06	1.64E-06	1.77E-06	1.61E-06	7.33E-07	1.17E-06	3.13E-08	7.57E-07	1.67E-07	2.41E-07	3.82E-07	6.73E-08	6.13E-07	2.26E-06
2123	495161.06	3859651.99	2.70E-03	2.91E-03	4.64E-03	9.33E-07	2.82E-06	1.63E-06	1.76E-06	1.60E-06	7.29E-07	1.16E-06	3.12E-08	7.53E-07	1.66E-07	2.39E-07	3.79E-07	6.69E-08	6.10E-07	2.25E-06
2124	495211.06	3859651.99	2.68E-03	2.90E-03	4.62E-03	9.29E-07	2.81E-06	1.62E-06	1.75E-06	1.59E-06	7.26E-07	1.16E-06	3.10E-08	7.50E-07	1.65E-07	2.38E-07	3.78E-07	6.66E-08	6.07E-07	2.24E-06
2125	495261.06	3859651.99	2.67E-03	2.88E-03	4.59E-03	9.24E-07	2.79E-06	1.61E-06	1.74E-06	1.58E-06	7.21E-07	1.15E-06	3.09E-08	7.45E-07	1.64E-07	2.37E-07	3.76E-07	6.62E-08	6.04E-07	2.22E-06
2126	495311.06	3859651.99	2.66E-03	2.87E-03	4.57E-03	9.19E-07	2.78E-06	1.61E-06	1.74E-06	1.57E-06	7.18E-07	1.14E-06	3.07E-08	7.41E-07	1.64E-07	2.36E-07	3.74E-07	6.59E-08	6.00E-07	2.21E-06
2127	495361.06	3859651.99	2.64E-03	2.86E-03	4.55E-03	9.15E-07	2.76E-06	1.60E-06	1.73E-06	1.57E-06	7.15E-07	1.14E-06	3.06E-08	7.38E-07	1.63E-07	2.35E-07	3.72E-07	6.56E-08	5.98E-07	2.20E-06
2128	495411.06	3859651.99	2.63E-03	2.84E-03	4.52E-03	9.10E-07	2.75E-06	1.59E-06	1.72E-06	1.56E-06	7.10E-07	1.13E-06	3.04E-08	7.34E-07	1.62E-07	2.33E-07	3.70E-07	6.52E-08	5.94E-07	2.19E-06
2129	495461.06	3859651.99	2.60E-03	2.81E-03	4.47E-03	8.99E-07	2.71E-06	1.57E-06	1.70E-06	1.54E-06	7.02E-07	1.12E-06	3.00E-08	7.25E-07	1.60E-07	2.30E-07	3.66E-07	6.44E-08	5.87E-07	2.16E-06
2130	495511.06	3859651.99	2.57E-03	2.78E-03	4.43E-03	8.90E-07	2.69E-06	1.56E-06	1.68E-06	1.52E-06	6.95E-07	1.11E-06	2.97E-08	7.18E-07	1.58E-07	2.28E-07	3.62E-07	6.38E-08	5.81E-07	2.14E-06
2131	495561.06	3859651.99	2.56E-03	2.76E-03	4.41E-03	8.86E-07	2.67E-06	1.55E-06	1.67E-06	1.52E-06	6.92E-07	1.10E-06	2.96E-08	7.15E-07	1.58E-07	2.27E-07	3.60E-07	6.35E-08	5.79E-07	2.13E-06
2132	495611.06	3859651.99	2.54E-03	2.74E-03	4.37E-03	8.79E-07	2.65E-06	1.54E-06	1.66E-06	1.50E-06	6.87E-07	1.09E-06	2.94E-08	7.09E-07	1.57E-07	2.25E-07	3.58E-07	6.30E-08	5.75E-07	2.12E-06
2133	495661.06	3859651.99	2.52E-03	2.72E-03	4.34E-03	8.72E-07	2.63E-06	1.52E-06	1.65E-06	1.49E-06	6.81E-07	1.09E-06	2.91E-08	7.03E-07	1.55E-07	2.23E-07	3.55E-07	6.25E-08	5.70E-07	2.10E-06
2134	494311.06	3859701.99	2.97E-03	3.21E-03	5.11E-03	1.03E-06	3.11E-06	1.80E-06	1.94E-06	1.76E-06	8.03E-07	1.28E-06	3.44E-08	8.30E-07	1.83E-07	2.64E-07	4.18E-07	7.37E-08	6.71E-07	2.47E-06
2135	494361.06	3859701.99	2.95E-03	3.18E-03	5.07E-03	1.02E-06	3.08E-06	1.78E-06	1.93E-06	1.75E-06	7.97E-07	1.27E-06	3.41E-08	8.23E-07	1.82E-07	2.61E-07	4.15E-07	7.31E-08	6.66E-07	2.45E-06
2136	494411.06	3859701.99	2.94E-03	3.17E-03	5.05E-03	1.02E-06	3.07E-06	1.78E-06	1.92E-06	1.74E-06	7.94E-07	1.26E-06	3.40E-08	8.20E-07	1.81E-07	2.61E-07	4.13E-07	7.29E-08	6.63E-07	2.45E-06
2137	494461.06	3859701.99	2.95E-03	3.18E-03	5.06E-03	1.02E-06	3.08E-06	1.78E-06	1.92E-06	1.74E-06	7.96E-07	1.27E-06	3.40E-08	8.22E-07	1.81E-07	2.61E-07	4.14E-07	7.30E-08	6.65E-07	2.45E-06
2138	494511.06	3859701.99	2.93E-03	3.16E-03	5.03E-03	1.01E-06	3.06E-06	1.77E-06	1.91E-06	1.73E-06	7.91E-07	1.26E-06	3.38E-08	8.17E-07	1.80E-07	2.60E-07	4.12E-07	7.26E-08	6.61E-07	2.44E-06
2139	494561.06	3859701.99	2.91E-03	3.15E-03	5.01E-03	1.01E-06	3.05E-06	1.76E-06	1.90E-06	1.73E-06	7.88E-07	1.25E-06	3.37E-08	8.14E-07	1.80E-07	2.59E-07	4.10E-07	7.23E-08	6.58E-07	2.43E-06
2140	494611.06	3859701.99	2.90E-03	3.13E-03	4.99E-03	1.00E-06	3.03E-06	1.75E-06	1.89E-06	1.72E-06	7.84E-07	1.25E-06	3.35E-08	8.10E-07	1.79E-07	2.57E-07	4.08E-07	7.19E-08	6.55E-07	2.41E-06
2141	494661.06	3859701.99	2.85E-03	3.08E-03	4.90E-03	9.86E-07	2.98E-06	1.72E-06	1.86E-06	1.69E-06	7.70E-07	1.23E-06	3.29E-08	7.95E-07	1.75E-07	2.53E-07	4.01E-07	7.06E-08	6.44E-07	2.37E-06
2142	494711.06	3859701.99	2.84E-03	3.07E-03	4.89E-03	9.85E-07	2.97E-06	1.72E-06	1.86E-06	1.68E-06	7.69E-07	1.22E-06	3.29E-08	7.94E-07	1.75E-07	2.52E-07	4.00E-07	7.05E-08	6.43E-07	2.37E-06
2143	494761.06	3859701.99	2.82E-03	3.05E-03	4.85E-03	9.76E-07	2.95E-06	1.71E-06	1.84E-06	1.67E-06	7.62E-07	1.21E-06	3.26E-08	7.87E-07	1.74E-07	2.50E-07	3.97E-07	7.00E-08	6.37E-07	2.35E-06
2144	494811.06	3859701.99	2.80E-03	3.02E-03	4.81E-03	9.68E-07	2.92E-06	1.69E-06	1.83E-06	1.66E-06	7.55E-07	1.20E-06	3.23E-08	7.80E-07	1.72E-07	2.48E-07	3.93E-07	6.93E-08	6.32E-07	2.33E-06
2145	494861.06	3859701.99	2.79E-03	3.02E-03	4.81E-03	9.67E-07	2.92E-06	1.69E-06	1.83E-06	1.65E-06	7.55E-07	1.20E-06	3.23E-08	7.80E-07	1.72E-07	2.48E-07	3.93E-07	6.93E-08	6.31E-07	2.33E-06
2146	494911.06	3859701.99	2.77E-03	2.99E-03	4.77E-03	9.60E-07	2.90E-06	1.68E-06	1.81E-06	1.64E-06	7.50E-07	1.19E-06	3.21E-08	7.74E-07	1.71E-07	2.46E-07	3.90E-07	6.88E-08	6.27E-07	2.31E-06
2147	494961.06	3859701.99	2.75E-03	2.97E-03	4.74E-03	9.53E-07	2.88E-06	1.67E-06	1.80E-06	1.63E-06	7.44E-07	1.19E-06	3.18E-08	7.69E-07	1.70E-07	2.44E-07	3.88E-07	6.83E-08	6.22E-07	2.29E-06
2148	495011.06	3859701.99	2.74E-03	2.96E-03	4.72E-03	9.49E-07	2.87E-06	1.66E-06	1.79E-06	1.62E-06	7.41E-07	1.18E-06	3.17E-08	7.66E-07	1.69E-07	2.43E-07	3.86E-07	6.80E-08	6.20E-07	2.28E-06
2149	495061.06	3859701.99	2.73E-03	2.94E-03	4.69E-03	9.44E-07	2.85E-06	1.65E-06	1.78E-06	1.62E-06	7.37E-07	1.17E-06	3.15E-08	7.61E-07	1.68E-07	2.42E-07	3.84E-07	6.76E-08	6.16E-07	2.27E-06
2150	495111.06	3859701.99	2.71E-03	2.93E-03	4.66E-03	9.38E-07	2.83E-06	1.64E-06	1.77E-06	1.61E-06	7.33E-07	1.17E-06	3.13E-08	7.57E-07	1.67E-07	2.40E-07	3.81E-07	6.72E-08	6.13E-07	2.26E-06
2151	495161.06	3859701.99	2.69E-03	2.91E-03	4.63E-03	9.32E-07	2.81E-06	1.63E-06	1.76E-06	1.59E-06	7.27E-07	1.16E-06	3.11E-08	7.51E-07	1.66E-07	2.39E-07	3.79E-07	6.68E-08	6.08E-07	2.24E-06
2152	495211.06	3859701.99	2.67E-03	2.88E-03	4.60E-03	9.25E-07	2.79E-06	1.62E-06	1.75E-06	1.58E-06	7.22E-07	1.15E-06	3.09E-08	7.46E-07	1.65E-07	2.37E-07	3.76E-07	6.63E-08	6.04E-07	2.22E-06
2153	495261.06	3859701.99	2.67E-03	2.88E-03	4.59E-03	9.23E-07	2.79E-06	1.61E-06	1.74E-06	1.58E-06	7.21E-07	1.15E-06	3.08E-08	7.45E-07	1.64E-07	2.37E-07	3.75E-07	6.62E-08	6.03E-07	2.22E-06
2154	495311.06	3859701.99	2.65E-03	2.86E-03	4.56E-03	9.17E-07	2.77E-06	1.60E-06	1.73E-06	1.57E-06	7.16E-07	1.14E-06	3.06E-08	7.40E-07	1.63E-07	2.35E-07	3.73E-07	6.57E-08	5.99E-07	2.21E-06
2155	495361.06	3859701.99	2.63E-03	2.84E-03	4.53E-03	9.11E-07	2.75E-06	1.59E-06	1.72E-06	1.56E-06	7.12E-07	1.13E-06	3.04E-08	7.35E-07	1.62E-07	2.34E-07	3.71E-07	6.53E-08	5.95E-07	2.19E-06
2156	495411.06	3859701.99	2.61E-03	2.82E-03	4.49E-03	9.03E-07	2.73E-06	1.58E-06	1.70E-06	1.55E-06	7.05E-07	1.12E-06	3.02E-08	7.28E-07	1.61E-07	2.31E-07	3.67E-07	6.47E-08	5.90E-07	2.17E-06
2157	495461.06	3859701.99	2.59E-03	2.80E-03	4.46E-03	8.97E-07	2.71E-06	1.57E-06	1.69E-06	1.53E-06	7.00E-07	1.12E-06	2.99E-08	7.23E-07	1.60E-07	2.30E-07	3.65E-07	6.43E-08	5.86E-07	2.16E-06
2158	495511.06	3859701.99	2.55E-03	2.76E-03	4.40E-03	8.84E-07	2.67E-06	1.55E-06	1.67E-06	1.51E-06	6.91E-07	1.10E-06	2.95E-08	7.13E-07	1.57E-07	2.27E-07	3.60E-07	6.34E-08	5.78E-07	2.13E-06
2159	495561.06	3859701.99	2.56E-03	2.76E-03	4.40E-03	8.85E-07	2.67E-06	1.55E-06	1.67E-06	1.51E-06	6.91E-07	1.10E-06	2.95E-08	7.14E-07	1.57E-07	2.27E-07	3.60E-07	6.34E-08	5.78E-07	2.13E-06
2160	495611.06	3859701.99	2.54E-03	2.74E-03	4.37E-03	8.79E-07	2.65E-06	1.54E-06	1.66E-06	1.50E-06	6.86E-07	1.09E-06	2.94E-08	7.09E-07	1.56E-07	2.25E-07	3.57E-07	6.30E-08	5.74E-07	2.11E-06
2161	495661.06	3859701.99	2.52E-03	2.72E-03	4.34E-03	8.73E-07	2.63E-06	1.53E-06	1.65E-06	1.49E-06	6.81E-07	1.09E-06	2.91E-08	7.04E-07	1.55E-07	2.24E-07	3.55E-07	6.25E-08	5.70E-07	2.10E-06
2162	494311.06	3859751.99	2.95E-03	3.18E-03	5.07E-03	1.02E-06	3.08E-06	1.78E-06	1.93E-06	1.75E-06	7.97E-07	1.27E-06	3.41E-08	8.23E-07	1.82E-07	2.61E-07	4.15E-07	7.31E-08	6.65E-07	2.45E-06
2163	494361.06	3859751.99	2.93E-03	3.16E-03	5.04E-03	1.01E-06	3.06E-06	1.77E-06	1.91E-06	1.74E-06	7.92E-07	1.26E-06	3.39E-08	8.18E-07	1.81E-07	2.60E-07	4.12E-07	7.27E-08	6.61E-07	2.44E-06
2164	494411.06	3859751.99	2.91E-03	3.14E-03	5.00E-03	1.01E-06	3.04E-06	1.76E-06	1.90E-06	1.72E-06	7.86E-07	1.25E-06	3.36E-08	8.12E-07	1.79E-07	2.58E-07	4.09E-07	7.21E-08	6.57E-07	2.42E-06
2165	494461.06	3859751.99	2.91E-03	3.14E-03	5.00E-03	1.01E-06	3.04E-06	1.76E-06	1.90E-06	1.72E-06	7.86E-07	1.25E-06	3.36E-08	8.12E-07	1.79E-07	2.58E-07	4.09E-07	7.22E-08	6.57E-07	2.42E-06
2166	494511.06	3859751.99	2.90E-03	3.14E-03	4.99E-03	1.01E-06	3.04E-06	1.76E-06	1.90E-06	1.72E-06	7.85E-07	1.25E-06	3.36E-08	8.11E-07	1.79E-07	2.58E-07	4.09E-07	7.20E-08	6.56E-07	2.42E-06
2167	494561.06	3859751.99	2.89E-03	3.12E-03	4.96E-03	9.99E-07	3.02E-06	1.75E-06	1.89E-06	1.71E-06	7.80E-07	1.24E-06	3.34E-08	8.06E-07	1.78E-07	2.56E-07	4.06E-07	7.16E-08	6.52E-07	2.40E-06
2168	494611.06	3859751.99	2.87E-03	3.09E-03	4.93E-03	9.92E-07	3.00E-06	1.73E-06	1.87E-06	1.70E-06	7.74E-07	1.23E-06	3.31E-08	8.00E-07	1.77E-07	2.54E-07	4.03E-07	7.11E-08	6.47E-07	2.39E-06
2169	494661.06	3859751.99	2.83E-03	3.06E-03	4.87E-03	9.80E-07	2.96E-06	1.71E-06	1.85E-06	1.68E-06	7.65E-07	1.22E-06	3.27E-08	7.90E-07	1.74E-07	2.51E-07	3.98E-07	7.02E-08	6.39E-07	2.36E-06
2170	494711.06	3859751.99	2.83E-03	3.05E-03	4.86E-03	9.78E-07	2.95E-06	1.71E-06	1.85E-06	1.67E-06	7.64E-07	1.22E-06	3.27E-08	7.89E-07	1.74E-07	2.51E-07	3.98E-07	7.01E-08	6.38E-07	2.35E-06
2171	494761.06	3859751.99	2.81E-03	3.04E-03	4.84E-03	9.74E-07	2.94E-06	1.70E-06	1.84E-06	1.67E-06	7.60E-07	1.21E-06	3.25E-08	7.86E-07	1.73E-07	2.50E-07	3.96E-07	6.98E-08	6.35E-07	2.34E-06
2172	494811.06	3859751.99	2.79E-03	3.02E-03	4.80E-03	9.67E-07	2.92E-06	1.69E-06	1.83E-06	1.65E-06	7.55E-07	1.20E-06	3.23E-08	7.80E-07	1.72E-07	2.48E-07	3.93E-07	6.93E-08	6.31E-07	2.33E-06
2173	494861.06	3859751.99	2.78E-03	3.00E-03	4.78E-03	9.62E-07	2.90E-06	1.68E-06	1.82E-06	1.65E-06	7.51E-07	1.20E-06	3.21E-08	7.76E-07	1.71E-07	2.47E-07	3.91E-07	6.89E-08	6.28E-07	2.31E-06
2174	494911.06	3859751.99	2.76E-03	2.99E-03	4.75E-03	9.57E-07	2.89E-06	1.67E-06	1.81E-06	1.64E-06	7.47E-07	1.19E-06	3.20E-08	7.72E-07	1.70E-07	2.45E-07	3.89E-07	6.86E-08	6.24E-07	2.30E-06
2175	494961.06	3859751.99	2.75E-03	2.97E-03	4.73E-03	9.52E-07	2.87E-06	1.66E-06	1.80E-06	1.63E-06	7.43E-07	1.18E-06	3.18E-08	7.68E-07	1.69E-07	2.44E-07	3.87E-07	6.82E-08	6.21E-07	2.29E-06
2176	495011.06	3859751.99	2.73E-03	2.95E-03	4.70E-03	9.46E-07	2.86E-06	1.65E-06	1.79E-06	1.62E-06	7.39E-07	1.18E-06	3.16E-08	7.63E-07	1.68E-07	2.42E-07	3.85E-07	6.78E-08	6.17E-07	2.28E-06
2177	495061.06	3859751.99	2.72E-03	2.94E-03	4.68E-03	9.42E-07	2.85E-06	1.65E-06	1.78E-06	1.61E-06	7.36E-07	1.17E-06	3.15E-08	7.60E-07	1.68E-07	2.42E-07	3.83E-07	6.75E-08	6.15E-07	2.27E-06
2178	495111.06	3859751.99	2.71E-03	2.92E-03	4.66E-03	9.37E-07	2.83E-06	1.64E-06	1.77E-06	1.60E-06	7.31E-07	1.17E-06	3.13E-08	7.56E-07	1.67E-07	2.40E-07	3.81E-07	6.71E-08	6.11E-07	2.25E-06
2179	495161.06	3859751.99	2.69E-03	2.90E-03	4.62E-03	9.30E-07	2.81E-06	1.63E-06	1.76E-06	1.59E-06	7.26E-07	1.16E-06	3.11E-08	7.51E-07	1.66E-07	2.38E-07	3.78E-07	6.67E-08	6.07E-07	2.24E-06
2180	495211.06	3859751.99	2.67E-03	2.88E-03	4.59E-03	9.24E-07	2.79E-06	1.61E-06	1.74E-06	1.58E-06	7.21E-07	1.15E-06	3.09E-08	7.45E-07	1.64E-07	2.37E-07	3.76E-07	6.62E-08	6.03E-07	2.22E-06
2181	495261.06	3859751.99	2.66E-03	2.87E-03	4.57E-03	9.20E-07	2.78E-06	1.61E-06	1.74E-06	1.57E-06	7.18E-07	1.14E-06	3.07E-08	7.42E-07	1.64E-07	2.36E-07	3.74E-07	6.59E-08	6.00E-07	2.21E-06
2182	495311.06	3859751.99	2.64E-03	2.85E-03	4.54E-03	9.14E-07	2.76E-06	1.60E-06	1.73E-06	1.56E-06	7.14E-07	1.14E-06	3.05E-08	7.37E-07	1.63E-07	2.34E-07	3.72E-07	6.55E-08	5.97E-07	2.20E-06
2183	495361.06	3859751.99	2.62E-03	2.83E-03	4.52E-03	9.09E-07	2.74E-06	1.59E-06	1.72E-06	1.55E-06	7.09E-07	1.13E-06	3.03E-08	7.33E-07	1.62E-07	2.33E-07	3.69E-07	6.51E-08	5.93E-07	2.19E-06
2184	495411.06	3859751.99	2.61E-03	2.82E-03	4.49E-03	9.03E-07	2.73E-06	1.58E-06	1.71E-06	1.55E-06	7.05E-07	1.12E-06	3.02E-08	7.29E-07	1.61E-07	2.32E-07	3.67E-07	6.47E-08	5.90E-07	2.17E-06
2185	495461.06	3859751.99	2.59E-03	2.79E-03	4.45E-03	8.95E-07	2.70E-06	1.56E-06	1.69E-06	1.53E-06	6.99E-07	1.11E-06	2.99E-08	7.22E-07	1.59E-07	2.29E-07	3.64E-07	6.42E-08	5.85E-07	2.15E-06
2186	495511.06	3859751.99	2.56E-03	2.77E-03	4.41E-03	8.87E-07	2.68E-06	1.55E-06	1.67E-06	1.52E-06	6.93E-07	1.10E-06	2.96E-08	7.16E-07	1.58E-07	2.27E-07	3.61E-07	6.36E-08	5.79E-07	2.13E-06
2187	495561.06	3859751.99	2.55E-03	2.75E-03	4.38E-03	8.82E-07	2.66E-06	1.54E-06	1.66E-06	1.51E-06	6.88E-07	1.10E-06	2.94E-08	7.11E-07	1.57E-07	2.26E-07	3.58E-07	6.32E-08	5.76E-07	2.12E-06
2188	495611.06	3859751.99	2.53E-03	2.73E-03	4.36E-03	8.76E-07	2.65E-06	1.53E-06	1.65E-06	1.50E-06	6.84E-07	1.09E-06	2.93E-08	7.07E-07	1.56E-07	2.25E-07	3.56E-07	6.28E-08	5.72E-07	2.11E-06
2189	495661.06	3859751.99	2.52E-03	2.72E-03	4.34E-03	8.73E-07	2.63E-06	1.53E-06	1.65E-06	1.49E-06	6.81E-07	1.09E-06	2.91E-08	7.04E-07	1.55E-07	2.24E-07	3.55E-07	6.25E-08	5.70E-07	2.10E-06
2190	494311.06	3859801.99	2.92E-03	3.15E-03	5.02E-03	1.01E-06	3.05E-06	1.77E-06	1.91E-06	1.73E-06	7.89E-07	1.26E-06	3.38E-08	8.16E-07	1.80E-07	2.59E-07	4.11E-07	7.25E-08	6.59E-07	2.43E-06
2191	494361.06	3859801.99	2.90E-03	3.13E-03	4.98E-03	1.00E-06	3.03E-06	1.75E-06	1.89E-06	1.72E-06	7.83E-07	1.25E-06	3.35E-08	8.09E-07	1.79E-07	2.57E-07	4.08E-07	7.19E-08	6.54E-07	2.41E-06
2192	494411.06	3859801.99	2.87E-03	3.10E-03	4.94E-03	9.95E-07	3.00E-06	1.74E-06	1.88E-06	1.70E-06	7.76E-07	1.24E-06	3.32E-08	8.02E-07	1.77E-07	2.55E-07	4.04E-07	7.13E-08	6.49E-07	2.39E-06
2193	494461.06	3859801.99	2.87E-03	3.10E-03	4.94E-03	9.94E-07	3.00E-06	1.74E-06	1.88E-06	1.70E-06	7.76E-07	1.24E-06	3.32E-08	8.02E-07	1.77E-07	2.55E-07	4.04E-07	7.12E-08	6.48E-07	2.39E-06
2194	494511.06	3859801.99	2.87E-03	3.10E-03	4.94E-03	9.95E-07	3.00E-06	1.74E-06	1.88E-06	1.70E-06	7.76E-07	1.24E-06	3.32E-08	8.02E-07	1.77E-07	2.55E-07	4.04E-07	7.13E-08	6.48E-07	2.39E-06
2195	494561.06	3859801.99	2.86E-03	3.09E-03	4.91E-03	9.89E-07	2.99E-06	1.73E-06	1.87E-06	1.69E-06	7.72E-07	1.23E-06	3.30E-08	7.98E-07	1.76E-07	2.54E-07	4.02E-07	7.09E-08	6.45E-07	2.38E-06
2196	494611.06	3859801.99	2.83E-03	3.05E-03	4.86E-03	9.79E-07	2.96E-06	1.71E-06	1.85E-06	1.68E-06	7.64E-07	1.22E-06	3.27E-08	7.90E-07	1.74E-07	2.51E-07	3.98E-07	7.02E-08	6.39E-07	2.35E-06
2197	494661.06	3859801.99	2.81E-03	3.04E-03	4.83E-03	9.73E-07	2.94E-06	1.70E-06	1.84E-06	1.66E-06	7.60E-07	1.21E-06	3.25E-08	7.85E-07	1.73E-07	2.49E-07	3.96E-07	6.97E-08	6.35E-07	2.34E-06
2198	494711.06	3859801.99	2.79E-03	3.01E-03	4.79E-03	9.66E-07	2.92E-06	1.69E-06	1.82E-06	1.65E-06	7.54E-07	1.20E-06	3.22E-08	7.79E-07	1.72E-07	2.47E-07	3.93E-07	6.92E-08	6.30E-07	2.32E-06

2199	494761.06	3859801.99	2.79E-03	3.01E-03	4.80E-03	9.66E-07	2.92E-06	1.69E-06	1.82E-06	1.65E-06	7.54E-07	1.20E-06	3.23E-08	7.79E-07	1.72E-07	2.48E-07	3.93E-07	6.92E-08	6.30E-07	2.32E-06
2200	494811.06	3859801.99	2.77E-03	2.99E-03	4.77E-03	9.60E-07	2.90E-06	1.68E-06	1.81E-06	1.64E-06	7.49E-07	1.19E-06	3.21E-08	7.74E-07	1.71E-07	2.46E-07	3.90E-07	6.88E-08	6.26E-07	2.31E-06
2201	494861.06	3859801.99	2.76E-03	2.98E-03	4.75E-03	9.56E-07	2.89E-06	1.67E-06	1.80E-06	1.64E-06	7.46E-07	1.19E-06	3.19E-08	7.71E-07	1.70E-07	2.45E-07	3.89E-07	6.85E-08	6.24E-07	2.30E-06
2202	494911.06	3859801.99	2.74E-03	2.96E-03	4.71E-03	9.49E-07	2.87E-06	1.66E-06	1.79E-06	1.62E-06	7.41E-07	1.18E-06	3.17E-08	7.66E-07	1.69E-07	2.43E-07	3.86E-07	6.80E-08	6.19E-07	2.28E-06
2203	494961.06	3859801.99	2.73E-03	2.95E-03	4.69E-03	9.44E-07	2.85E-06	1.65E-06	1.78E-06	1.62E-06	7.37E-07	1.17E-06	3.15E-08	7.62E-07	1.68E-07	2.42E-07	3.84E-07	6.77E-08	6.16E-07	2.27E-06
2204	495011.06	3859801.99	2.71E-03	2.93E-03	4.67E-03	9.39E-07	2.84E-06	1.64E-06	1.77E-06	1.61E-06	7.33E-07	1.17E-06	3.14E-08	7.58E-07	1.67E-07	2.41E-07	3.82E-07	6.73E-08	6.13E-07	2.26E-06
2205	495061.06	3859801.99	2.70E-03	2.92E-03	4.65E-03	9.35E-07	2.82E-06	1.63E-06	1.77E-06	1.60E-06	7.30E-07	1.16E-06	3.12E-08	7.54E-07	1.66E-07	2.40E-07	3.80E-07	6.70E-08	6.10E-07	2.25E-06
2206	495111.06	3859801.99	2.68E-03	2.90E-03	4.62E-03	9.29E-07	2.81E-06	1.62E-06	1.75E-06	1.59E-06	7.25E-07	1.16E-06	3.10E-08	7.49E-07	1.65E-07	2.38E-07	3.78E-07	6.66E-08	6.06E-07	2.23E-06
2207	495161.06	3859801.99	2.67E-03	2.88E-03	4.59E-03	9.23E-07	2.79E-06	1.61E-06	1.74E-06	1.58E-06	7.21E-07	1.15E-06	3.08E-08	7.45E-07	1.64E-07	2.37E-07	3.75E-07	6.61E-08	6.02E-07	2.22E-06
2208	495211.06	3859801.99	2.66E-03	2.87E-03	4.57E-03	9.19E-07	2.78E-06	1.61E-06	1.73E-06	1.57E-06	7.18E-07	1.14E-06	3.07E-08	7.41E-07	1.64E-07	2.36E-07	3.74E-07	6.59E-08	6.00E-07	2.21E-06
2209	495261.06	3859801.99	2.64E-03	2.85E-03	4.54E-03	9.13E-07	2.76E-06	1.60E-06	1.72E-06	1.56E-06	7.13E-07	1.14E-06	3.05E-08	7.36E-07	1.62E-07	2.34E-07	3.71E-07	6.54E-08	5.96E-07	2.20E-06
2210	495311.06	3859801.99	2.63E-03	2.84E-03	4.52E-03	9.09E-07	2.75E-06	1.59E-06	1.72E-06	1.56E-06	7.10E-07	1.13E-06	3.04E-08	7.33E-07	1.62E-07	2.33E-07	3.70E-07	6.51E-08	5.93E-07	2.19E-06
2211	495361.06	3859801.99	2.61E-03	2.82E-03	4.49E-03	9.04E-07	2.73E-06	1.58E-06	1.71E-06	1.55E-06	7.06E-07	1.12E-06	3.02E-08	7.29E-07	1.61E-07	2.32E-07	3.67E-07	6.47E-08	5.90E-07	2.17E-06
2212	495411.06	3859801.99	2.59E-03	2.80E-03	4.46E-03	8.97E-07	2.71E-06	1.57E-06	1.69E-06	1.53E-06	7.00E-07	1.12E-06	3.00E-08	7.24E-07	1.60E-07	2.30E-07	3.65E-07	6.43E-08	5.86E-07	2.16E-06
2213	495461.06	3859801.99	2.58E-03	2.78E-03	4.43E-03	8.92E-07	2.69E-06	1.56E-06	1.68E-06	1.53E-06	6.96E-07	1.11E-06	2.98E-08	7.19E-07	1.59E-07	2.29E-07	3.63E-07	6.39E-08	5.82E-07	2.14E-06
2214	495511.06	3859801.99	2.55E-03	2.76E-03	4.39E-03	8.84E-07	2.67E-06	1.54E-06	1.67E-06	1.51E-06	6.90E-07	1.10E-06	2.95E-08	7.13E-07	1.57E-07	2.26E-07	3.59E-07	6.33E-08	5.77E-07	2.13E-06
2215	495561.06	3859801.99	2.54E-03	2.74E-03	4.37E-03	8.79E-07	2.65E-06	1.54E-06	1.66E-06	1.50E-06	6.87E-07	1.09E-06	2.94E-08	7.09E-07	1.57E-07	2.25E-07	3.57E-07	6.30E-08	5.74E-07	2.12E-06
2216	495611.06	3859801.99	2.53E-03	2.74E-03	4.36E-03	8.77E-07	2.65E-06	1.53E-06	1.66E-06	1.50E-06	6.85E-07	1.09E-06	2.93E-08	7.08E-07	1.56E-07	2.25E-07	3.57E-07	6.29E-08	5.73E-07	2.11E-06
2217	495661.06	3859801.99	2.51E-03	2.71E-03	4.33E-03	8.70E-07	2.63E-06	1.52E-06	1.64E-06	1.49E-06	6.79E-07	1.08E-06	2.91E-08	7.02E-07	1.55E-07	2.23E-07	3.54E-07	6.23E-08	5.68E-07	2.09E-06
2218	494311.06	3859851.99	2.88E-03	3.11E-03	4.95E-03	9.98E-07	3.01E-06	1.75E-06	1.88E-06	1.71E-06	7.79E-07	1.24E-06	3.33E-08	8.05E-07	1.78E-07	2.56E-07	4.06E-07	7.15E-08	6.51E-07	2.40E-06
2219	494361.06	3859851.99	2.87E-03	3.10E-03	4.92E-03	9.92E-07	3.00E-06	1.73E-06	1.87E-06	1.70E-06	7.75E-07	1.23E-06	3.31E-08	8.00E-07	1.77E-07	2.54E-07	4.03E-07	7.11E-08	6.47E-07	2.39E-06
2220	494411.06	3859851.99	2.85E-03	3.07E-03	4.89E-03	9.85E-07	2.98E-06	1.72E-06	1.86E-06	1.69E-06	7.69E-07	1.22E-06	3.29E-08	7.95E-07	1.75E-07	2.52E-07	4.01E-07	7.06E-08	6.42E-07	2.37E-06
2221	494461.06	3859851.99	2.83E-03	3.06E-03	4.86E-03	9.80E-07	2.96E-06	1.71E-06	1.85E-06	1.68E-06	7.65E-07	1.22E-06	3.27E-08	7.90E-07	1.74E-07	2.51E-07	3.98E-07	7.02E-08	6.39E-07	2.36E-06
2222	494511.06	3859851.99	2.83E-03	3.05E-03	4.85E-03	9.78E-07	2.95E-06	1.71E-06	1.85E-06	1.67E-06	7.64E-07	1.22E-06	3.27E-08	7.89E-07	1.74E-07	2.51E-07	3.98E-07	7.01E-08	6.38E-07	2.35E-06
2223	494561.06	3859851.99	2.82E-03	3.05E-03	4.85E-03	9.77E-07	2.95E-06	1.71E-06	1.84E-06	1.67E-06	7.63E-07	1.21E-06	3.26E-08	7.88E-07	1.74E-07	2.50E-07	3.97E-07	7.00E-08	6.37E-07	2.35E-06
2224	494611.06	3859851.99	2.79E-03	3.02E-03	4.80E-03	9.67E-07	2.92E-06	1.69E-06	1.83E-06	1.65E-06	7.55E-07	1.20E-06	3.23E-08	7.80E-07	1.72E-07	2.48E-07	3.93E-07	6.93E-08	6.31E-07	2.33E-06
2225	494661.06	3859851.99	2.79E-03	3.01E-03	4.79E-03	9.65E-07	2.91E-06	1.69E-06	1.82E-06	1.65E-06	7.53E-07	1.20E-06	3.22E-08	7.78E-07	1.72E-07	2.47E-07	3.92E-07	6.91E-08	6.29E-07	2.32E-06
2226	494711.06	3859851.99	2.76E-03	2.98E-03	4.75E-03	9.57E-07	2.89E-06	1.67E-06	1.81E-06	1.64E-06	7.47E-07	1.19E-06	3.19E-08	7.72E-07	1.70E-07	2.45E-07	3.89E-07	6.85E-08	6.24E-07	2.30E-06
2227	494761.06	3859851.99	2.76E-03	2.98E-03	4.75E-03	9.56E-07	2.89E-06	1.67E-06	1.80E-06	1.64E-06	7.46E-07	1.19E-06	3.19E-08	7.71E-07	1.70E-07	2.45E-07	3.89E-07	6.85E-08	6.23E-07	2.30E-06
2228	494811.06	3859851.99	2.75E-03	2.97E-03	4.72E-03	9.51E-07	2.87E-06	1.66E-06	1.79E-06	1.63E-06	7.42E-07	1.18E-06	3.18E-08	7.67E-07	1.69E-07	2.44E-07	3.87E-07	6.81E-08	6.20E-07	2.29E-06
2229	494861.06	3859851.99	2.74E-03	2.96E-03	4.70E-03	9.48E-07	2.86E-06	1.66E-06	1.79E-06	1.62E-06	7.40E-07	1.18E-06	3.16E-08	7.64E-07	1.69E-07	2.43E-07	3.85E-07	6.79E-08	6.18E-07	2.28E-06
2230	494911.06	3859851.99	2.72E-03	2.94E-03	4.68E-03	9.42E-07	2.84E-06	1.65E-06	1.78E-06	1.61E-06	7.35E-07	1.17E-06	3.14E-08	7.60E-07	1.68E-07	2.41E-07	3.83E-07	6.75E-08	6.14E-07	2.26E-06
2231	494961.06	3859851.99	2.71E-03	2.92E-03	4.65E-03	9.37E-07	2.83E-06	1.64E-06	1.77E-06	1.60E-06	7.32E-07	1.16E-06	3.13E-08	7.56E-07	1.67E-07	2.40E-07	3.81E-07	6.71E-08	6.11E-07	2.25E-06
2232	495011.06	3859851.99	2.69E-03	2.91E-03	4.63E-03	9.32E-07	2.82E-06	1.63E-06	1.76E-06	1.60E-06	7.28E-07	1.16E-06	3.11E-08	7.52E-07	1.66E-07	2.39E-07	3.79E-07	6.68E-08	6.08E-07	2.24E-06
2233	495061.06	3859851.99	2.68E-03	2.90E-03	4.61E-03	9.28E-07	2.80E-06	1.62E-06	1.75E-06	1.59E-06	7.25E-07	1.15E-06	3.10E-08	7.49E-07	1.65E-07	2.38E-07	3.77E-07	6.65E-08	6.06E-07	2.23E-06
2234	495111.06	3859851.99	2.66E-03	2.88E-03	4.58E-03	9.22E-07	2.78E-06	1.61E-06	1.74E-06	1.58E-06	7.20E-07	1.15E-06	3.08E-08	7.44E-07	1.64E-07	2.36E-07	3.75E-07	6.61E-08	6.02E-07	2.22E-06
2235	495161.06	3859851.99	2.65E-03	2.86E-03	4.56E-03	9.17E-07	2.77E-06	1.60E-06	1.73E-06	1.57E-06	7.16E-07	1.14E-06	3.06E-08	7.40E-07	1.63E-07	2.35E-07	3.73E-07	6.57E-08	5.98E-07	2.21E-06
2236	495211.06	3859851.99	2.64E-03	2.85E-03	4.53E-03	9.12E-07	2.75E-06	1.59E-06	1.72E-06	1.56E-06	7.12E-07	1.13E-06	3.05E-08	7.36E-07	1.62E-07	2.34E-07	3.71E-07	6.54E-08	5.95E-07	2.19E-06
2237	495261.06	3859851.99	2.62E-03	2.83E-03	4.51E-03	9.07E-07	2.74E-06	1.59E-06	1.71E-06	1.55E-06	7.08E-07	1.13E-06	3.03E-08	7.32E-07	1.61E-07	2.32E-07	3.69E-07	6.50E-08	5.92E-07	2.18E-06
2238	495311.06	3859851.99	2.61E-03	2.82E-03	4.49E-03	9.03E-07	2.73E-06	1.58E-06	1.70E-06	1.55E-06	7.05E-07	1.12E-06	3.02E-08	7.29E-07	1.61E-07	2.31E-07	3.67E-07	6.47E-08	5.89E-07	2.17E-06
2239	495361.06	3859851.99	2.60E-03	2.80E-03	4.46E-03	8.99E-07	2.71E-06	1.57E-06	1.70E-06	1.54E-06	7.02E-07	1.12E-06	3.00E-08	7.25E-07	1.60E-07	2.30E-07	3.65E-07	6.44E-08	5.86E-07	2.16E-06
2240	495411.06	3859851.99	2.58E-03	2.78E-03	4.43E-03	8.93E-07	2.70E-06	1.56E-06	1.68E-06	1.53E-06	6.97E-07	1.11E-06	2.98E-08	7.20E-07	1.59E-07	2.29E-07	3.63E-07	6.40E-08	5.82E-07	2.15E-06
2241	495461.06	3859851.99	2.56E-03	2.77E-03	4.41E-03	8.87E-07	2.68E-06	1.55E-06	1.67E-06	1.52E-06	6.92E-07	1.10E-06	2.96E-08	7.15E-07	1.58E-07	2.27E-07	3.60E-07	6.35E-08	5.79E-07	2.13E-06
2242	495511.06	3859851.99	2.54E-03	2.75E-03	4.37E-03	8.80E-07	2.66E-06	1.54E-06	1.66E-06	1.51E-06	6.87E-07	1.09E-06	2.94E-08	7.10E-07	1.57E-07	2.26E-07	3.58E-07	6.31E-08	5.74E-07	2.12E-06
2243	495561.06	3859851.99	2.53E-03	2.73E-03	4.36E-03	8.77E-07	2.65E-06	1.53E-06	1.65E-06	1.50E-06	6.84E-07	1.09E-06	2.93E-08	7.07E-07	1.56E-07	2.25E-07	3.56E-07	6.28E-08	5.72E-07	2.11E-06
2244	495611.06	3859851.99	2.52E-03	2.72E-03	4.34E-03	8.73E-07	2.64E-06	1.53E-06	1.65E-06	1.49E-06	6.81E-07	1.09E-06	2.91E-08	7.04E-07	1.55E-07	2.24E-07	3.55E-07	6.25E-08	5.70E-07	2.10E-06
2245	495661.06	3859851.99	2.50E-03	2.70E-03	4.31E-03	8.66E-07	2.62E-06	1.51E-06	1.64E-06	1.48E-06	6.76E-07	1.08E-06	2.89E-08	6.99E-07	1.54E-07	2.22E-07	3.52E-07	6.21E-08	5.65E-07	2.08E-06
2246	494311.06	3859901.99	2.84E-03	3.07E-03	4.89E-03	9.85E-07	2.97E-06	1.72E-06	1.86E-06	1.68E-06	7.69E-07	1.22E-06	3.29E-08	7.94E-07	1.75E-07	2.52E-07	4.00E-07	7.05E-08	6.42E-07	2.37E-06
2247	494361.06	3859901.99	2.82E-03	3.05E-03	4.84E-03	9.76E-07	2.95E-06	1.71E-06	1.84E-06	1.67E-06	7.62E-07	1.21E-06	3.26E-08	7.88E-07	1.74E-07	2.50E-07	3.97E-07	7.00E-08	6.36E-07	2.35E-06
2248	494411.06	3859901.99	2.81E-03	3.04E-03	4.83E-03	9.74E-07	2.94E-06	1.70E-06	1.84E-06	1.67E-06	7.60E-07	1.21E-06	3.25E-08	7.85E-07	1.73E-07	2.49E-07	3.96E-07	6.97E-08	6.34E-07	2.34E-06
2249	494461.06	3859901.99	2.80E-03	3.02E-03	4.81E-03	9.69E-07	2.92E-06	1.69E-06	1.83E-06	1.66E-06	7.56E-07	1.20E-06	3.23E-08	7.81E-07	1.72E-07	2.48E-07	3.94E-07	6.94E-08	6.31E-07	2.33E-06
2250	494511.06	3859901.99	2.79E-03	3.01E-03	4.79E-03	9.65E-07	2.91E-06	1.69E-06	1.82E-06	1.65E-06	7.54E-07	1.20E-06	3.22E-08	7.79E-07	1.72E-07	2.47E-07	3.92E-07	6.92E-08	6.29E-07	2.32E-06
2251	494561.06	3859901.99	2.79E-03	3.01E-03	4.79E-03	9.65E-07	2.91E-06	1.69E-06	1.82E-06	1.65E-06	7.54E-07	1.20E-06	3.22E-08	7.79E-07	1.72E-07	2.47E-07	3.92E-07	6.92E-08	6.29E-07	2.32E-06
2252	494611.06	3859901.99	2.76E-03	2.98E-03	4.74E-03	9.56E-07	2.89E-06	1.67E-06	1.80E-06	1.63E-06	7.46E-07	1.19E-06	3.19E-08	7.71E-07	1.70E-07	2.45E-07	3.88E-07	6.85E-08	6.23E-07	2.30E-06
2253	494661.06	3859901.99	2.76E-03	2.98E-03	4.74E-03	9.55E-07	2.88E-06	1.67E-06	1.80E-06	1.63E-06	7.45E-07	1.19E-06	3.19E-08	7.70E-07	1.70E-07	2.45E-07	3.88E-07	6.84E-08	6.22E-07	2.30E-06
2254	494711.06	3859901.99	2.73E-03	2.95E-03	4.69E-03	9.45E-07	2.85E-06	1.65E-06	1.78E-06	1.62E-06	7.38E-07	1.17E-06	3.16E-08	7.63E-07	1.68E-07	2.42E-07	3.84E-07	6.77E-08	6.16E-07	2.27E-06
2255	494761.06	3859901.99	2.73E-03	2.94E-03	4.68E-03	9.43E-07	2.85E-06	1.65E-06	1.78E-06	1.61E-06	7.36E-07	1.17E-06	3.15E-08	7.61E-07	1.68E-07	2.42E-07	3.83E-07	6.76E-08	6.15E-07	2.27E-06
2256	494811.06	3859901.99	2.72E-03	2.94E-03	4.67E-03	9.42E-07	2.84E-06	1.65E-06	1.78E-06	1.61E-06	7.35E-07	1.17E-06	3.14E-08	7.59E-07	1.68E-07	2.41E-07	3.83E-07	6.75E-08	6.14E-07	2.26E-06
2257	494861.06	3859901.99	2.71E-03	2.93E-03	4.66E-03	9.38E-07	2.83E-06	1.64E-06	1.77E-06	1.60E-06	7.32E-07	1.17E-06	3.13E-08	7.57E-07	1.67E-07	2.40E-07	3.81E-07	6.72E-08	6.12E-07	2.26E-06
2258	494911.06	3859901.99	2.69E-03	2.91E-03	4.63E-03	9.32E-07	2.82E-06	1.63E-06	1.76E-06	1.60E-06	7.28E-07	1.16E-06	3.11E-08	7.52E-07	1.66E-07	2.39E-07	3.79E-07	6.68E-08	6.08E-07	2.24E-06
2259	494961.06	3859901.99	2.68E-03	2.90E-03	4.61E-03	9.29E-07	2.80E-06	1.62E-06	1.75E-06	1.59E-06	7.25E-07	1.15E-06	3.10E-08	7.49E-07	1.65E-07	2.38E-07	3.78E-07	6.65E-08	6.06E-07	2.23E-06
2260	495011.06	3859901.99	2.67E-03	2.88E-03	4.58E-03	9.24E-07	2.79E-06	1.61E-06	1.74E-06	1.58E-06	7.21E-07	1.15E-06	3.08E-08	7.45E-07	1.64E-07	2.37E-07	3.75E-07	6.62E-08	6.02E-07	2.22E-06
2261	495061.06	3859901.99	2.65E-03	2.87E-03	4.56E-03	9.19E-07	2.77E-06	1.61E-06	1.73E-06	1.57E-06	7.17E-07	1.14E-06	3.07E-08	7.41E-07	1.64E-07	2.35E-07	3.74E-07	6.58E-08	5.99E-07	2.21E-06
2262	495111.06	3859901.99	2.64E-03	2.85E-03	4.53E-03	9.13E-07	2.76E-06	1.60E-06	1.72E-06	1.56E-06	7.13E-07	1.13E-06	3.05E-08	7.36E-07	1.63E-07	2.34E-07	3.71E-07	6.54E-08	5.95E-07	2.20E-06
2263	495161.06	3859901.99	2.62E-03	2.83E-03	4.51E-03	9.08E-07	2.74E-06	1.59E-06	1.71E-06	1.55E-06	7.09E-07	1.13E-06	3.03E-08	7.32E-07	1.62E-07	2.33E-07	3.69E-07	6.50E-08	5.92E-07	2.18E-06
2264	495211.06	3859901.99	2.61E-03	2.82E-03	4.49E-03	9.04E-07	2.73E-06	1.58E-06	1.71E-06	1.55E-06	7.06E-07	1.12E-06	3.02E-08	7.29E-07	1.61E-07	2.32E-07	3.68E-07	6.48E-08	5.90E-07	2.17E-06
2265	495261.06	3859901.99	2.59E-03	2.80E-03	4.46E-03	8.98E-07	2.71E-06	1.57E-06	1.69E-06	1.54E-06	7.01E-07	1.12E-06	3.00E-08	7.24E-07	1.60E-07	2.30E-07	3.65E-07	6.43E-08	5.86E-07	2.16E-06
2266	495311.06	3859901.99	2.58E-03	2.79E-03	4.44E-03	8.95E-07	2.70E-06	1.56E-06	1.69E-06	1.53E-06	6.99E-07	1.11E-06	2.99E-08	7.22E-07	1.59E-07	2.29E-07	3.64E-07	6.41E-08	5.84E-07	2.15E-06
2267	495361.06	3859901.99	2.57E-03	2.78E-03	4.42E-03	8.90E-07	2.69E-06	1.56E-06	1.68E-06	1.52E-06	6.95E-07	1.11E-06	2.97E-08	7.18E-07	1.58E-07	2.28E-07	3.62E-07	6.38E-08	5.80E-07	2.14E-06
2268	495411.06	3859901.99	2.55E-03	2.76E-03	4.39E-03	8.84E-07	2.67E-06	1.55E-06	1.67E-06	1.51E-06	6.90E-07	1.10E-06	2.95E-08	7.13E-07	1.57E-07	2.27E-07	3.59E-07	6.33E-08	5.77E-07	2.13E-06
2269	495461.06	3859901.99	2.54E-03	2.74E-03	4.37E-03	8.79E-07	2.65E-06	1.54E-06	1.66E-06	1.50E-06	6.86E-07	1.09E-06	2.94E-08	7.09E-07	1.56E-07	2.25E-07	3.57E-07	6.30E-08	5.73E-07	2.11E-06
2270	495511.06	3859901.99	2.53E-03	2.73E-03	4.35E-03	8.75E-07	2.64E-06	1.53E-06	1.65E-06	1.50E-06	6.83E-07	1.09E-06	2.92E-08	7.06E-07	1.56E-07	2.24E-07	3.56E-07	6.27E-08	5.71E-07	2.11E-06
2271	495561.06	3859901.99	2.52E-03	2.72E-03	4.33E-03	8.72E-07	2.63E-06	1.52E-06	1.65E-06	1.49E-06	6.81E-07	1.08E-06	2.91E-08	7.03E-07	1.55E-07	2.23E-07	3.54E-07	6.25E-08	5.69E-07	2.10E-06
2272	495611.06	3859901.99	2.50E-03	2.70E-03	4.30E-03	8.66E-07	2.62E-06	1.51E-06	1.63E-06	1.48E-06	6.76E-07	1.08E-06	2.89E-08	6.99E-07	1.54E-07	2.22E-07	3.52E-07	6.21E-08	5.65E-07	2.08E-06
2273	495661.06	3859901.99	2.48E-03	2.68E-03	4.27E-03	8.60E-07	2.60E-06	1.50E-06	1.62E-06	1.47E-06	6.72E-07	1.07E-06	2.87E-08	6.94E-07	1.53E-07	2.20E-07	3.50E-07	6.16E-08	5.61E-07	2.07E-06
2274	494311.06	3859951.99	2.81E-03	3.03E-03	4.82E-03	9.72E-07	2.93E-06	1.70E-06	1.83E-06	1.66E-06	7.59E-07	1.21E-06	3.25E-08	7.84E-07	1.73E-07	2.49E-07	3.95E-07	6.96E-08	6.33E-07	2.34E-06
2275	494361.06	3859951.99	2.79E-03	3.01E-03	4.79E-03	9.66E-07	2.92E-06	1.69E-06	1.82E-06	1.65E-06	7.54E-07	1.20E-06	3.23E-08	7.79E-07	1.72E-07	2.48E-07	3.93E-07	6.92E-08	6.30E-07	2.32E-06
2276	494411.06	3859951.99	2.78E-03	3.00E-03	4.77E-03	9.61E-07	2.90E-06	1.68E-06	1.81E-06	1.64E-06	7.50E-07	1.19E-06	3.21E-08	7.75E-07	1.71E-07	2.46E-07	3.91E-07	6.88E-08	6.26E-07	2.31E-06
2277	494461.06	3859951.99	2.76E-03	2.98E-03	4.74E-03	9.56E-07	2.89E-06	1.67E-06	1.80E-06	1.64E-06	7.47E-07	1.19E-06	3.19E-08	7.71E-07	1.70E-07	2.45E-07	3.89E-07	6.85E-08	6.23E-07	2.30E-06
2278	494511.06	3859951.99	2.75E-03	2.97E-03	4.73E-03	9.53E-07	2.88E-06	1.67E-06	1.80E-06	1.63E-06	7.44E-07	1.18E-06	3.18E-08	7.69E-07	1.70E-07	2.44E-07	3.87E-07	6.83E-08	6.21E-07	2.29E-06
2279	494561.06	3859951.99	2.75E-03	2.97E-03	4.73E-03	9.53E-07	2.88E-06	1.67E-06	1.80E-06	1.63E-06	7.44E-07	1.18E-06	3.18E-08	7.69E-07	1.70E-07	2.44E-07	3.88E-07	6.83E-08	6.21E-07	2.29E-06
2280	494611.06	3859951.99	2.73E-03	2.95E-03	4.69E-03	9.46E-07	2.86E-06	1.65E-06	1.78E-06	1.62E-06	7.38E-07	1.17E-06	3.16E-08	7.63E-07	1.68E-07	2.42E-07	3.84E-07	6.77E-08	6.16E-07	2.27E-06
2281	494661.06	3859951.99	2.73E-03	2.94E-03	4.68E-03	9.44E-07	2.85E-06	1.65E-06	1.78E-06	1.62E-06	7.37E-07	1.17E-06	3.15E-08	7.62E-07	1.68E-07	2.42E-07	3.84E-07	6.76E-08	6.15E-07	2.27E-06
2282	494711.06	3859951.99	2.71E-03	2.92E-03	4.65E-03	9.37E-07	2.83E-06	1.64E-06	1.77E-06	1.60E-06	7.31E-07	1.16E-06	3.13E-08	7.56E-07	1.67E-07	2.40E-07	3.81E-07	6.71E-08	6.11E-07	2.25E-06
2283	494761.06	3859951.99	2.70E-03	2.91E-03	4.63E-03	9.34E-07	2.82E-06	1.63E-06	1.76E-06	1.60E-06	7.29E-07	1.16E-06	3.12E-08	7.53E-07	1.66E-07	2.39E-07	3.79E-07	6.69E-08	6.08E-07	2.24E-06
2284	494811.06	3859951.99	2.69E-03	2.90E-03	4.61E-03	9.30E-07	2.81E-06	1.63E-06	1.76E-06	1.59E-06	7.26E-07	1.15E-06	3.11E-08	7.50E-07	1.66E-07	2.38E-07	3.78E-07	6.66E-08	6.06E-07	2.24E-06
2285	494861.06	3859951.99	2.68E-03	2.89E-03	4.60E-03	9.28E-07	2.80E-06	1.62E-06	1.75E-06	1.59E-06	7.24E-07	1.15E-06	3.10E-08	7.48E-07	1.65E-07	2.38E-07	3.77E-07	6.64E-08	6.05E-07	2.23E-06
2286	494911.06	3859951.99	2.66E-03	2.88E-03	4.58E-03	9.22E-07	2.78E-06	1.61E-06	1.74E-06	1.58E-06	7.20E-07	1.15E-06	3.08E-08	7.44E-07	1.64E-07	2.36E-07	3.75E-07	6.61E-08	6.01E-07	2.22E-06
2287	494961.06	3859951.99	2.65E-03	2.86E-03	4.55E-03	9.17E-07	2.77E-06	1.60E-06	1.73E-06	1.57E-06	7.16E-07	1.14E-06	3.06E-08	7.40E-07	1.63E-07	2.35E-07	3.73E-07	6.57E-08	5.98E-07	2.21E-06
2288	495011.06	3859951.99	2.64E-03	2.85E-03	4.53E-03	9.12E-07	2.76E-06	1.59E-06	1.72E-06	1.56E-06	7.12E-07	1.13E-06	3.05E-08	7.36E-07	1.62E-07	2.34E-07	3.71E-07	6.54E-08	5.95E-07	2.19E-06
2289	495061.06	3859951.99	2.62E-03	2.83E-03	4.51E-03	9.09E-07	2.74E-06	1.59E-06	1.71E-06	1.55E-06	7.09E-07	1.13E-06	3.03E-08	7.33E-07	1.62E-07	2.33E-07	3.69E-07	6.51E-08	5.92E-07	2.18E-06
2290	495111.06	3859951.99	2.61E-03	2.82E-03	4.48E-03	9.03E-07	2.73E-06	1.58E-06	1.70E-06	1.55E-06	7.05E-07	1.12E-06	3.02E-08	7.28E-07	1.61E-07	2.31E-07	3.67E-07	6.47E-08	5.89E-07	2.17E-06
2291	495161.06	3859951.99	2.59E-03	2.80E-03	4.46E-03	8.98E-07	2.71E-06	1.57E-06	1.69E-06	1.54E-06	7.01E-07	1.12E-06	3.00E-08	7.24E-07	1.60E-07	2.30E-07	3.65E-07	6.43E-08	5.85E-07	2.16E-06
2292	495211.06	3859951.99	2.58E-03	2.78E-03	4.43E-03	8.93E-07	2.70E-06	1.56E-06	1.68E-06	1.53E-06	6.97E-07	1.11E-06	2.98E-08	7.20E-07	1.59E-07	2.29E-07	3.63E-07	6.40E-08	5.82E-07	2.15E-06
2293	495261.06	3859951.99	2.57E-03	2.77E-03	4.41E-03	8.88E-07	2.68E-06	1.55E-06	1.68E-06	1.52E-06	6.94E-07	1.10E-06	2.97E-08	7.17E-07	1.58E-07	2.28E-07	3.61E-07	6.36E-08	5.79E-07	2.14E-06
2294	495311.06	3859951.99	2.56E-03	2.76E-03	4.40E-03	8.86E-07	2.67E-06	1.55E-06	1.67E-06	1.52E-06	6.91E-07	1.10E-06	2.96E-08	7.14E-07	1.58E-07	2.27E-07	3.60E-07	6.35E-08	5.78E-07	2.13E-06
2295	495361.06	3859951.99	2.55E-03	2.75E-03	4.38E-03	8.82E-07	2.66E-06	1.54E-06	1.66E-06	1.51E-06	6.88E-07	1.10E-06	2.94E-08	7.11E-07	1.57E-07	2.26E-07	3.58E-07	6.32E-08	5.75E-07	2.12E-06
2296	495411.06	3859951.99	2.53E-03	2.73E-03	4.35E-03	8.76E-07	2.65E-06	1.53E-06	1.65E-06	1.50E-06	6.84E-07	1.09E-06	2.93E-08	7.07E-07	1.56E-07	2.25E-07	3.56E-07	6.28E-08	5.72E-07	2.11E-06
2297	495461.06	3859951.99	2.52E-03	2.72E-03	4.33E-03	8.72E-07	2.63E-06	1.52E-06	1.65E-06	1.49E-06	6.81E-07	1.08E-06	2.91E-08	7.03E-07	1.55E-07	2.23E-07	3.54E-07	6.25E-08	5.69E-07	2.10E-06
2298	495511.06	3859951.99	2.50E-03	2.70E-03	4.31E-03	8.67E-07	2.62E-06	1.52E-06	1.64E-06	1.48E-06	6.77E-07	1.08E-06	2.89E-08	6.99E-07	1.54E-07	2.22E-07	3.52E-07	6.21E-08	5.66E-07	2.08E-06
2299	495561.06	3859951.99	2.50E-03	2.70E-03	4.29E-03	8.65E-07	2.61E-06	1.51E-06	1.63E-06	1.48E-06	6.75E-07	1.07E-06	2.89E-08	6.98E-07	1.54E-07	2.22E-07	3.52E-07	6.20E-08	5.64E-07	2.08E-06
2300	495611.06	3859951.99	2.48E-03	2.68E-03	4.27E-03	8.60E-07	2.60E-06	1.50E-06	1.62E-06	1.47E-06	6.71E-07	1.07E-06	2.87E-08	6.93E-07	1.53E-07	2.20E-07	3.49E-07	6.16E-08	5.61E-07	2.07E-06
2301	495661.06	3859951.99	2.47E-03	2.66E-03	4.24E-03	8.53E-07	2.58E-06	1.49E-06	1.61E-06	1.46E-06	6.66E-07	1.06E-06	2.85E-08	6.88E-07	1.52E-07	2.19E-07	3.47E-07	6.11E-08	5.57E-07	2.05E-06
2302	494311.06	3860001.99	2.77E-03	2.99E-03	4.75E-03	9.58E-07	2.89E-06	1.68E-06	1.81E-06	1.64E-06	7.48E-07	1.19E-06	3.20E-08	7.73E-07	1.71E-07	2.46E-07	3.90E-07	6.86E-08	6.24E-07	2.30E-06
2303	494361.06	3860001.99	2.76E-03	2.97E-03	4.73E-03	9.54E-07	2.88E-06	1.67E-06	1.80E-06	1.63E-06	7.45E-07	1.18E-06	3.19E-08	7.69E-07	1.70E-07	2.44E-07	3.88E-07	6.83E-08	6.21E-07	2.29E-06

2304	494411.06	3860001.99	2.74E-03	2.96E-03	4.70E-03	9.48E-07	2.86E-06	1.66E-06	1.79E-06	1.62E-06	7.40E-07	1.18E-06	3.16E-08	7.64E-07	1.69E-07	2.43E-07	3.85E-07	6.79E-08	6.17E-07	2.28E-06
2305	494461.06	3860001.99	2.73E-03	2.94E-03	4.68E-03	9.44E-07	2.85E-06	1.65E-06	1.78E-06	1.62E-06	7.37E-07	1.17E-06	3.15E-08	7.62E-07	1.68E-07	2.42E-07	3.84E-07	6.76E-08	6.15E-07	2.27E-06
2306	494511.06	3860001.99	2.71E-03	2.93E-03	4.66E-03	9.39E-07	2.84E-06	1.64E-06	1.77E-06	1.61E-06	7.33E-07	1.17E-06	3.14E-08	7.58E-07	1.67E-07	2.41E-07	3.82E-07	6.73E-08	6.12E-07	2.26E-06
2307	494561.06	3860001.99	2.72E-03	2.93E-03	4.67E-03	9.41E-07	2.84E-06	1.64E-06	1.78E-06	1.61E-06	7.34E-07	1.17E-06	3.14E-08	7.59E-07	1.67E-07	2.41E-07	3.82E-07	6.74E-08	6.13E-07	2.26E-06
2308	494611.06	3860001.99	2.70E-03	2.92E-03	4.64E-03	9.35E-07	2.82E-06	1.64E-06	1.77E-06	1.60E-06	7.30E-07	1.16E-06	3.12E-08	7.55E-07	1.66E-07	2.40E-07	3.80E-07	6.70E-08	6.10E-07	2.25E-06
2309	494661.06	3860001.99	2.69E-03	2.91E-03	4.62E-03	9.32E-07	2.81E-06	1.63E-06	1.76E-06	1.59E-06	7.27E-07	1.16E-06	3.11E-08	7.52E-07	1.66E-07	2.39E-07	3.79E-07	6.68E-08	6.07E-07	2.24E-06
2310	494711.06	3860001.99	2.67E-03	2.88E-03	4.58E-03	9.23E-07	2.79E-06	1.61E-06	1.74E-06	1.58E-06	7.20E-07	1.15E-06	3.08E-08	7.44E-07	1.64E-07	2.36E-07	3.75E-07	6.61E-08	6.01E-07	2.22E-06
2311	494761.06	3860001.99	2.66E-03	2.88E-03	4.58E-03	9.22E-07	2.78E-06	1.61E-06	1.74E-06	1.58E-06	7.20E-07	1.15E-06	3.08E-08	7.44E-07	1.64E-07	2.36E-07	3.75E-07	6.61E-08	6.01E-07	2.22E-06
2312	494811.06	3860001.99	2.66E-03	2.87E-03	4.56E-03	9.19E-07	2.78E-06	1.61E-06	1.73E-06	1.57E-06	7.17E-07	1.14E-06	3.07E-08	7.41E-07	1.64E-07	2.36E-07	3.74E-07	6.58E-08	5.99E-07	2.21E-06
2313	494861.06	3860001.99	2.65E-03	2.86E-03	4.55E-03	9.17E-07	2.77E-06	1.60E-06	1.73E-06	1.57E-06	7.15E-07	1.14E-06	3.06E-08	7.39E-07	1.63E-07	2.35E-07	3.73E-07	6.57E-08	5.97E-07	2.20E-06
2314	494911.06	3860001.99	2.62E-03	2.83E-03	4.51E-03	9.08E-07	2.74E-06	1.59E-06	1.71E-06	1.55E-06	7.09E-07	1.13E-06	3.03E-08	7.32E-07	1.62E-07	2.33E-07	3.69E-07	6.50E-08	5.92E-07	2.18E-06
2315	494961.06	3860001.99	2.62E-03	2.82E-03	4.49E-03	9.05E-07	2.73E-06	1.58E-06	1.71E-06	1.55E-06	7.07E-07	1.12E-06	3.02E-08	7.30E-07	1.61E-07	2.32E-07	3.68E-07	6.49E-08	5.90E-07	2.18E-06
2316	495011.06	3860001.99	2.60E-03	2.81E-03	4.47E-03	9.00E-07	2.72E-06	1.57E-06	1.70E-06	1.54E-06	7.03E-07	1.12E-06	3.01E-08	7.26E-07	1.60E-07	2.31E-07	3.66E-07	6.45E-08	5.87E-07	2.16E-06
2317	495061.06	3860001.99	2.59E-03	2.80E-03	4.46E-03	8.98E-07	2.71E-06	1.57E-06	1.69E-06	1.54E-06	7.01E-07	1.12E-06	3.00E-08	7.24E-07	1.60E-07	2.30E-07	3.65E-07	6.43E-08	5.85E-07	2.16E-06
2318	495111.06	3860001.99	2.58E-03	2.79E-03	4.43E-03	8.93E-07	2.70E-06	1.56E-06	1.69E-06	1.53E-06	6.97E-07	1.11E-06	2.98E-08	7.20E-07	1.59E-07	2.29E-07	3.63E-07	6.40E-08	5.82E-07	2.15E-06
2319	495161.06	3860001.99	2.56E-03	2.77E-03	4.41E-03	8.88E-07	2.68E-06	1.55E-06	1.68E-06	1.52E-06	6.93E-07	1.10E-06	2.96E-08	7.16E-07	1.58E-07	2.28E-07	3.61E-07	6.36E-08	5.79E-07	2.13E-06
2320	495211.06	3860001.99	2.56E-03	2.76E-03	4.39E-03	8.85E-07	2.67E-06	1.55E-06	1.67E-06	1.51E-06	6.91E-07	1.10E-06	2.96E-08	7.14E-07	1.58E-07	2.27E-07	3.60E-07	6.34E-08	5.77E-07	2.13E-06
2321	495261.06	3860001.99	2.54E-03	2.75E-03	4.37E-03	8.81E-07	2.66E-06	1.54E-06	1.66E-06	1.51E-06	6.87E-07	1.09E-06	2.94E-08	7.10E-07	1.57E-07	2.26E-07	3.58E-07	6.31E-08	5.74E-07	2.12E-06
2322	495311.06	3860001.99	2.53E-03	2.74E-03	4.35E-03	8.77E-07	2.65E-06	1.53E-06	1.66E-06	1.50E-06	6.85E-07	1.09E-06	2.93E-08	7.07E-07	1.56E-07	2.25E-07	3.56E-07	6.28E-08	5.72E-07	2.11E-06
2323	495361.06	3860001.99	2.51E-03	2.71E-03	4.32E-03	8.70E-07	2.63E-06	1.52E-06	1.64E-06	1.49E-06	6.79E-07	1.08E-06	2.91E-08	7.02E-07	1.55E-07	2.23E-07	3.54E-07	6.24E-08	5.68E-07	2.09E-06
2324	495411.06	3860001.99	2.51E-03	2.71E-03	4.31E-03	8.68E-07	2.62E-06	1.52E-06	1.64E-06	1.49E-06	6.78E-07	1.08E-06	2.90E-08	7.00E-07	1.55E-07	2.23E-07	3.53E-07	6.22E-08	5.66E-07	2.09E-06
2325	495461.06	3860001.99	2.50E-03	2.70E-03	4.29E-03	8.64E-07	2.61E-06	1.51E-06	1.63E-06	1.48E-06	6.75E-07	1.07E-06	2.89E-08	6.97E-07	1.54E-07	2.21E-07	3.51E-07	6.19E-08	5.64E-07	2.08E-06
2326	495511.06	3860001.99	2.48E-03	2.68E-03	4.27E-03	8.60E-07	2.60E-06	1.50E-06	1.62E-06	1.47E-06	6.71E-07	1.07E-06	2.87E-08	6.94E-07	1.53E-07	2.20E-07	3.50E-07	6.16E-08	5.61E-07	2.07E-06
2327	495561.06	3860001.99	2.48E-03	2.67E-03	4.26E-03	8.57E-07	2.59E-06	1.50E-06	1.62E-06	1.47E-06	6.69E-07	1.07E-06	2.86E-08	6.91E-07	1.53E-07	2.20E-07	3.48E-07	6.14E-08	5.59E-07	2.06E-06
2328	495611.06	3860001.99	2.46E-03	2.66E-03	4.23E-03	8.52E-07	2.57E-06	1.49E-06	1.61E-06	1.46E-06	6.65E-07	1.06E-06	2.84E-08	6.87E-07	1.52E-07	2.18E-07	3.46E-07	6.10E-08	5.56E-07	2.05E-06
2329	495661.06	3860001.99	2.45E-03	2.64E-03	4.21E-03	8.47E-07	2.56E-06	1.48E-06	1.60E-06	1.45E-06	6.61E-07	1.05E-06	2.83E-08	6.83E-07	1.51E-07	2.17E-07	3.44E-07	6.07E-08	5.52E-07	2.04E-06
2330	494411.06	3860051.99	2.70E-03	2.92E-03	4.64E-03	9.36E-07	2.82E-06	1.64E-06	1.77E-06	1.60E-06	7.30E-07	1.16E-06	3.12E-08	7.55E-07	1.67E-07	2.40E-07	3.80E-07	6.70E-08	6.10E-07	2.25E-06
2331	494461.06	3860051.99	2.69E-03	2.90E-03	4.62E-03	9.31E-07	2.81E-06	1.63E-06	1.76E-06	1.59E-06	7.27E-07	1.16E-06	3.11E-08	7.51E-07	1.66E-07	2.39E-07	3.79E-07	6.67E-08	6.07E-07	2.24E-06
2332	494511.06	3860051.99	2.68E-03	2.89E-03	4.60E-03	9.27E-07	2.80E-06	1.62E-06	1.75E-06	1.59E-06	7.24E-07	1.15E-06	3.10E-08	7.48E-07	1.65E-07	2.38E-07	3.77E-07	6.64E-08	6.04E-07	2.23E-06
2333	494561.06	3860051.99	2.67E-03	2.89E-03	4.59E-03	9.26E-07	2.80E-06	1.62E-06	1.75E-06	1.58E-06	7.23E-07	1.15E-06	3.09E-08	7.47E-07	1.65E-07	2.37E-07	3.76E-07	6.63E-08	6.03E-07	2.23E-06
2334	494611.06	3860051.99	2.67E-03	2.88E-03	4.58E-03	9.23E-07	2.79E-06	1.61E-06	1.74E-06	1.58E-06	7.20E-07	1.15E-06	3.08E-08	7.44E-07	1.64E-07	2.36E-07	3.75E-07	6.61E-08	6.01E-07	2.22E-06
2335	494661.06	3860051.99	2.66E-03	2.87E-03	4.56E-03	9.19E-07	2.78E-06	1.61E-06	1.74E-06	1.57E-06	7.18E-07	1.14E-06	3.07E-08	7.42E-07	1.64E-07	2.36E-07	3.74E-07	6.59E-08	5.99E-07	2.21E-06
2336	494711.06	3860051.99	2.64E-03	2.85E-03	4.53E-03	9.13E-07	2.76E-06	1.60E-06	1.72E-06	1.56E-06	7.13E-07	1.13E-06	3.05E-08	7.37E-07	1.63E-07	2.34E-07	3.71E-07	6.54E-08	5.95E-07	2.20E-06
2337	494761.06	3860051.99	2.63E-03	2.84E-03	4.52E-03	9.10E-07	2.75E-06	1.59E-06	1.72E-06	1.56E-06	7.11E-07	1.13E-06	3.04E-08	7.34E-07	1.62E-07	2.33E-07	3.70E-07	6.52E-08	5.93E-07	2.19E-06
2338	494811.06	3860051.99	2.62E-03	2.83E-03	4.51E-03	9.08E-07	2.74E-06	1.59E-06	1.71E-06	1.55E-06	7.09E-07	1.13E-06	3.03E-08	7.33E-07	1.62E-07	2.33E-07	3.69E-07	6.51E-08	5.92E-07	2.18E-06
2339	494861.06	3860051.99	2.62E-03	2.82E-03	4.49E-03	9.06E-07	2.73E-06	1.58E-06	1.71E-06	1.55E-06	7.07E-07	1.12E-06	3.02E-08	7.31E-07	1.61E-07	2.32E-07	3.68E-07	6.49E-08	5.90E-07	2.18E-06
2340	494911.06	3860051.99	2.60E-03	2.81E-03	4.47E-03	9.01E-07	2.72E-06	1.57E-06	1.70E-06	1.54E-06	7.03E-07	1.12E-06	3.01E-08	7.27E-07	1.60E-07	2.31E-07	3.66E-07	6.45E-08	5.87E-07	2.17E-06
2341	494961.06	3860051.99	2.59E-03	2.79E-03	4.44E-03	8.95E-07	2.70E-06	1.57E-06	1.69E-06	1.53E-06	6.99E-07	1.11E-06	2.99E-08	7.22E-07	1.59E-07	2.29E-07	3.64E-07	6.42E-08	5.84E-07	2.15E-06
2342	495011.06	3860051.99	2.57E-03	2.78E-03	4.42E-03	8.91E-07	2.69E-06	1.56E-06	1.68E-06	1.52E-06	6.95E-07	1.11E-06	2.97E-08	7.18E-07	1.59E-07	2.28E-07	3.62E-07	6.38E-08	5.80E-07	2.14E-06
2343	495061.06	3860051.99	2.56E-03	2.77E-03	4.40E-03	8.87E-07	2.68E-06	1.55E-06	1.67E-06	1.52E-06	6.92E-07	1.10E-06	2.96E-08	7.15E-07	1.58E-07	2.27E-07	3.60E-07	6.35E-08	5.78E-07	2.13E-06
2344	495111.06	3860051.99	2.55E-03	2.75E-03	4.37E-03	8.81E-07	2.66E-06	1.54E-06	1.66E-06	1.51E-06	6.88E-07	1.09E-06	2.94E-08	7.11E-07	1.57E-07	2.26E-07	3.58E-07	6.31E-08	5.74E-07	2.12E-06
2345	495161.06	3860051.99	2.53E-03	2.74E-03	4.35E-03	8.77E-07	2.65E-06	1.53E-06	1.66E-06	1.50E-06	6.85E-07	1.09E-06	2.93E-08	7.08E-07	1.56E-07	2.25E-07	3.57E-07	6.29E-08	5.72E-07	2.11E-06
2346	495211.06	3860051.99	2.52E-03	2.72E-03	4.33E-03	8.73E-07	2.64E-06	1.53E-06	1.65E-06	1.49E-06	6.81E-07	1.08E-06	2.91E-08	7.04E-07	1.55E-07	2.24E-07	3.55E-07	6.25E-08	5.69E-07	2.10E-06
2347	495261.06	3860051.99	2.51E-03	2.71E-03	4.32E-03	8.70E-07	2.63E-06	1.52E-06	1.64E-06	1.49E-06	6.79E-07	1.08E-06	2.90E-08	7.01E-07	1.55E-07	2.23E-07	3.53E-07	6.23E-08	5.67E-07	2.09E-06
2348	495311.06	3860051.99	2.50E-03	2.70E-03	4.30E-03	8.67E-07	2.62E-06	1.51E-06	1.64E-06	1.48E-06	6.77E-07	1.08E-06	2.89E-08	6.99E-07	1.54E-07	2.22E-07	3.52E-07	6.21E-08	5.65E-07	2.08E-06
2349	495361.06	3860051.99	2.49E-03	2.69E-03	4.28E-03	8.63E-07	2.61E-06	1.51E-06	1.63E-06	1.48E-06	6.74E-07	1.07E-06	2.88E-08	6.96E-07	1.54E-07	2.21E-07	3.51E-07	6.18E-08	5.63E-07	2.08E-06
2350	495411.06	3860051.99	2.48E-03	2.68E-03	4.27E-03	8.59E-07	2.59E-06	1.50E-06	1.62E-06	1.47E-06	6.71E-07	1.07E-06	2.87E-08	6.93E-07	1.53E-07	2.20E-07	3.49E-07	6.16E-08	5.60E-07	2.07E-06
2351	495461.06	3860051.99	2.47E-03	2.67E-03	4.25E-03	8.55E-07	2.58E-06	1.49E-06	1.61E-06	1.46E-06	6.68E-07	1.06E-06	2.86E-08	6.90E-07	1.52E-07	2.19E-07	3.48E-07	6.13E-08	5.58E-07	2.06E-06
2352	495511.06	3860051.99	2.46E-03	2.66E-03	4.23E-03	8.52E-07	2.57E-06	1.49E-06	1.61E-06	1.46E-06	6.65E-07	1.06E-06	2.84E-08	6.87E-07	1.52E-07	2.18E-07	3.46E-07	6.10E-08	5.55E-07	2.05E-06
2353	495561.06	3860051.99	2.45E-03	2.65E-03	4.21E-03	8.48E-07	2.56E-06	1.48E-06	1.60E-06	1.45E-06	6.62E-07	1.05E-06	2.83E-08	6.84E-07	1.51E-07	2.17E-07	3.45E-07	6.08E-08	5.53E-07	2.04E-06
2354	495611.06	3860051.99	2.44E-03	2.63E-03	4.19E-03	8.44E-07	2.55E-06	1.48E-06	1.59E-06	1.44E-06	6.59E-07	1.05E-06	2.82E-08	6.81E-07	1.50E-07	2.16E-07	3.43E-07	6.05E-08	5.50E-07	2.03E-06
2355	495661.06	3860051.99	2.42E-03	2.62E-03	4.16E-03	8.39E-07	2.53E-06	1.47E-06	1.58E-06	1.43E-06	6.55E-07	1.04E-06	2.80E-08	6.76E-07	1.49E-07	2.15E-07	3.41E-07	6.01E-08	5.47E-07	2.02E-06
2356	494411.06	3860101.99	2.66E-03	2.87E-03	4.57E-03	9.20E-07	2.78E-06	1.61E-06	1.74E-06	1.57E-06	7.19E-07	1.14E-06	3.07E-08	7.42E-07	1.64E-07	2.36E-07	3.74E-07	6.59E-08	6.00E-07	2.21E-06
2357	494461.06	3860101.99	2.65E-03	2.87E-03	4.56E-03	9.19E-07	2.77E-06	1.61E-06	1.73E-06	1.57E-06	7.17E-07	1.14E-06	3.07E-08	7.41E-07	1.64E-07	2.35E-07	3.73E-07	6.58E-08	5.99E-07	2.21E-06
2358	494511.06	3860101.99	2.64E-03	2.85E-03	4.53E-03	9.13E-07	2.76E-06	1.60E-06	1.72E-06	1.56E-06	7.13E-07	1.13E-06	3.05E-08	7.37E-07	1.63E-07	2.34E-07	3.71E-07	6.54E-08	5.95E-07	2.20E-06
2359	494561.06	3860101.99	2.63E-03	2.84E-03	4.52E-03	9.11E-07	2.75E-06	1.59E-06	1.72E-06	1.56E-06	7.11E-07	1.13E-06	3.04E-08	7.35E-07	1.62E-07	2.33E-07	3.70E-07	6.52E-08	5.93E-07	2.19E-06
2360	494611.06	3860101.99	2.63E-03	2.84E-03	4.51E-03	9.09E-07	2.75E-06	1.59E-06	1.72E-06	1.56E-06	7.10E-07	1.13E-06	3.04E-08	7.33E-07	1.62E-07	2.33E-07	3.70E-07	6.51E-08	5.92E-07	2.19E-06
2361	494661.06	3860101.99	2.62E-03	2.83E-03	4.50E-03	9.06E-07	2.74E-06	1.58E-06	1.71E-06	1.55E-06	7.07E-07	1.13E-06	3.03E-08	7.31E-07	1.61E-07	2.32E-07	3.68E-07	6.49E-08	5.90E-07	2.18E-06
2362	494711.06	3860101.99	2.60E-03	2.81E-03	4.47E-03	9.01E-07	2.72E-06	1.58E-06	1.70E-06	1.54E-06	7.03E-07	1.12E-06	3.01E-08	7.27E-07	1.60E-07	2.31E-07	3.66E-07	6.46E-08	5.87E-07	2.17E-06
2363	494761.06	3860101.99	2.59E-03	2.80E-03	4.46E-03	8.98E-07	2.71E-06	1.57E-06	1.69E-06	1.54E-06	7.01E-07	1.12E-06	3.00E-08	7.24E-07	1.60E-07	2.30E-07	3.65E-07	6.43E-08	5.85E-07	2.16E-06
2364	494811.06	3860101.99	2.59E-03	2.79E-03	4.44E-03	8.95E-07	2.70E-06	1.56E-06	1.69E-06	1.53E-06	6.99E-07	1.11E-06	2.99E-08	7.22E-07	1.59E-07	2.29E-07	3.64E-07	6.41E-08	5.83E-07	2.15E-06
2365	494861.06	3860101.99	2.58E-03	2.79E-03	4.44E-03	8.95E-07	2.70E-06	1.56E-06	1.69E-06	1.53E-06	6.98E-07	1.11E-06	2.99E-08	7.22E-07	1.59E-07	2.29E-07	3.64E-07	6.41E-08	5.83E-07	2.15E-06
2366	494911.06	3860101.99	2.56E-03	2.77E-03	4.40E-03	8.87E-07	2.68E-06	1.55E-06	1.67E-06	1.52E-06	6.92E-07	1.10E-06	2.96E-08	7.15E-07	1.58E-07	2.27E-07	3.60E-07	6.35E-08	5.78E-07	2.13E-06
2367	494961.06	3860101.99	2.55E-03	2.75E-03	4.38E-03	8.83E-07	2.67E-06	1.54E-06	1.67E-06	1.51E-06	6.89E-07	1.10E-06	2.95E-08	7.12E-07	1.57E-07	2.26E-07	3.59E-07	6.33E-08	5.76E-07	2.12E-06
2368	495011.06	3860101.99	2.54E-03	2.74E-03	4.36E-03	8.79E-07	2.65E-06	1.54E-06	1.66E-06	1.50E-06	6.86E-07	1.09E-06	2.93E-08	7.09E-07	1.56E-07	2.25E-07	3.57E-07	6.30E-08	5.73E-07	2.11E-06
2369	495061.06	3860101.99	2.53E-03	2.73E-03	4.34E-03	8.75E-07	2.64E-06	1.53E-06	1.65E-06	1.50E-06	6.83E-07	1.09E-06	2.92E-08	7.05E-07	1.56E-07	2.24E-07	3.56E-07	6.27E-08	5.70E-07	2.10E-06
2370	495111.06	3860101.99	2.51E-03	2.71E-03	4.31E-03	8.70E-07	2.63E-06	1.52E-06	1.64E-06	1.49E-06	6.79E-07	1.08E-06	2.90E-08	7.01E-07	1.55E-07	2.23E-07	3.53E-07	6.23E-08	5.67E-07	2.09E-06
2371	495161.06	3860101.99	2.50E-03	2.70E-03	4.30E-03	8.66E-07	2.62E-06	1.51E-06	1.64E-06	1.48E-06	6.76E-07	1.08E-06	2.89E-08	6.99E-07	1.54E-07	2.22E-07	3.52E-07	6.21E-08	5.65E-07	2.08E-06
2372	495211.06	3860101.99	2.49E-03	2.69E-03	4.28E-03	8.63E-07	2.60E-06	1.51E-06	1.63E-06	1.48E-06	6.73E-07	1.07E-06	2.88E-08	6.96E-07	1.54E-07	2.21E-07	3.51E-07	6.18E-08	5.62E-07	2.07E-06
2373	495261.06	3860101.99	2.48E-03	2.68E-03	4.26E-03	8.59E-07	2.59E-06	1.50E-06	1.62E-06	1.47E-06	6.70E-07	1.07E-06	2.87E-08	6.93E-07	1.53E-07	2.20E-07	3.49E-07	6.15E-08	5.60E-07	2.06E-06
2374	495311.06	3860101.99	2.47E-03	2.67E-03	4.25E-03	8.56E-07	2.58E-06	1.50E-06	1.61E-06	1.46E-06	6.68E-07	1.06E-06	2.86E-08	6.90E-07	1.52E-07	2.19E-07	3.48E-07	6.13E-08	5.58E-07	2.06E-06
2375	495361.06	3860101.99	2.46E-03	2.66E-03	4.23E-03	8.53E-07	2.57E-06	1.49E-06	1.61E-06	1.46E-06	6.66E-07	1.06E-06	2.85E-08	6.88E-07	1.52E-07	2.18E-07	3.47E-07	6.11E-08	5.56E-07	2.05E-06
2376	495411.06	3860101.99	2.45E-03	2.65E-03	4.21E-03	8.49E-07	2.56E-06	1.48E-06	1.60E-06	1.45E-06	6.63E-07	1.05E-06	2.83E-08	6.85E-07	1.51E-07	2.18E-07	3.45E-07	6.08E-08	5.53E-07	2.04E-06
2377	495461.06	3860101.99	2.44E-03	2.63E-03	4.19E-03	8.44E-07	2.55E-06	1.48E-06	1.59E-06	1.44E-06	6.59E-07	1.05E-06	2.82E-08	6.81E-07	1.50E-07	2.16E-07	3.43E-07	6.05E-08	5.50E-07	2.03E-06
2378	495511.06	3860101.99	2.43E-03	2.62E-03	4.18E-03	8.41E-07	2.54E-06	1.47E-06	1.59E-06	1.44E-06	6.57E-07	1.05E-06	2.81E-08	6.79E-07	1.50E-07	2.16E-07	3.42E-07	6.03E-08	5.49E-07	2.02E-06
2379	495561.06	3860101.99	2.42E-03	2.62E-03	4.16E-03	8.39E-07	2.53E-06	1.47E-06	1.58E-06	1.44E-06	6.55E-07	1.04E-06	2.80E-08	6.77E-07	1.49E-07	2.15E-07	3.41E-07	6.01E-08	5.47E-07	2.02E-06
2380	495611.06	3860101.99	2.41E-03	2.60E-03	4.14E-03	8.34E-07	2.52E-06	1.46E-06	1.57E-06	1.43E-06	6.51E-07	1.04E-06	2.78E-08	6.73E-07	1.48E-07	2.14E-07	3.39E-07	5.97E-08	5.44E-07	2.00E-06
2381	495661.06	3860101.99	2.40E-03	2.59E-03	4.12E-03	8.30E-07	2.51E-06	1.45E-06	1.57E-06	1.42E-06	6.48E-07	1.03E-06	2.77E-08	6.70E-07	1.48E-07	2.13E-07	3.38E-07	5.95E-08	5.41E-07	2.00E-06
2382	494861.06	3860151.99	2.56E-03	2.76E-03	4.40E-03	8.86E-07	2.67E-06	1.55E-06	1.67E-06	1.52E-06	6.92E-07	1.10E-06	2.96E-08	7.15E-07	1.58E-07	2.27E-07	3.60E-07	6.35E-08	5.78E-07	2.13E-06
2383	494911.06	3860151.99	2.53E-03	2.73E-03	4.34E-03	8.75E-07	2.64E-06	1.53E-06	1.65E-06	1.50E-06	6.83E-07	1.09E-06	2.92E-08	7.06E-07	1.56E-07	2.24E-07	3.56E-07	6.27E-08	5.70E-07	2.10E-06
2384	494961.06	3860151.99	2.52E-03	2.72E-03	4.32E-03	8.71E-07	2.63E-06	1.52E-06	1.64E-06	1.49E-06	6.80E-07	1.08E-06	2.91E-08	7.03E-07	1.55E-07	2.23E-07	3.54E-07	6.24E-08	5.68E-07	2.09E-06
2385	495011.06	3860151.99	2.50E-03	2.70E-03	4.30E-03	8.67E-07	2.62E-06	1.52E-06	1.64E-06	1.48E-06	6.77E-07	1.08E-06	2.90E-08	6.99E-07	1.54E-07	2.22E-07	3.52E-07	6.21E-08	5.65E-07	2.08E-06
2386	495061.06	3860151.99	2.49E-03	2.69E-03	4.28E-03	8.63E-07	2.61E-06	1.51E-06	1.63E-06	1.48E-06	6.74E-07	1.07E-06	2.88E-08	6.96E-07	1.54E-07	2.21E-07	3.51E-07	6.18E-08	5.62E-07	2.07E-06
2387	495111.06	3860151.99	2.48E-03	2.68E-03	4.26E-03	8.59E-07	2.59E-06	1.50E-06	1.62E-06	1.47E-06	6.71E-07	1.07E-06	2.87E-08	6.93E-07	1.53E-07	2.20E-07	3.49E-07	6.15E-08	5.60E-07	2.07E-06
2388	495161.06	3860151.99	2.47E-03	2.67E-03	4.25E-03	8.56E-07	2.58E-06	1.50E-06	1.61E-06	1.46E-06	6.68E-07	1.06E-06	2.86E-08	6.90E-07	1.52E-07	2.19E-07	3.48E-07	6.13E-08	5.58E-07	2.06E-06
2389	495211.06	3860151.99	2.46E-03	2.66E-03	4.23E-03	8.52E-07	2.57E-06	1.49E-06	1.61E-06	1.46E-06	6.65E-07	1.06E-06	2.84E-08	6.87E-07	1.52E-07	2.18E-07	3.46E-07	6.10E-08	5.55E-07	2.05E-06
2390	495261.06	3860151.99	2.45E-03	2.65E-03	4.21E-03	8.49E-07	2.56E-06	1.48E-06	1.60E-06	1.45E-06	6.62E-07	1.05E-06	2.83E-08	6.84E-07	1.51E-07	2.17E-07	3.45E-07	6.08E-08	5.53E-07	2.04E-06
2391	495311.06	3860151.99	2.44E-03	2.64E-03	4.19E-03	8.45E-07	2.55E-06	1.48E-06	1.60E-06	1.45E-06	6.60E-07	1.05E-06	2.82E-08	6.82E-07	1.50E-07	2.17E-07	3.44E-07	6.06E-08	5.51E-07	2.03E-06
2392	495361.06	3860151.99	2.43E-03	2.63E-03	4.18E-03	8.42E-07	2.54E-06	1.47E-06	1.59E-06	1.44E-06	6.57E-07	1.05E-06	2.81E-08	6.79E-07	1.50E-07	2.16E-07	3.42E-07	6.03E-08	5.49E-07	2.02E-06
2393	495411.06	3860151.99	2.42E-03	2.62E-03	4.16E-03	8.38E-07	2.53E-06	1.47E-06	1.58E-06	1.43E-06	6.55E-07	1.04E-06	2.80E-08	6.76E-07	1.49E-07	2.15E-07	3.41E-07	6.01E-08	5.47E-07	2.02E-06
2394	495461.06	3860151.99	2.41E-03	2.60E-03	4.14E-03	8.35E-07	2.52E-06	1.46E-06	1.58E-06	1.43E-06	6.52E-07	1.04E-06	2.79E-08	6.74E-07	1.49E-07	2.14E-07	3.39E-07	5.98E-08	5.44E-07	2.01E-06
2395	495511.06	3860151.99	2.40E-03	2.59E-03	4.13E-03	8.31E-07	2.51E-06	1.45E-06	1.57E-06	1.42E-06	6.49E-07	1.03E-06	2.78E-08	6.71E-07	1.48E-07	2.13E-07	3.38E-07	5.96E-08	5.42E-07	2.00E-06
2396	495561.06	3860151.99	2.39E-03	2.58E-03	4.11E-03	8.28E-07	2.50E-06	1.45E-06	1.56E-06	1.42E-06	6.46E-07	1.03E-06	2.77E-08	6.68E-07	1.47E-07	2.12E-07	3.37E-07	5.93E-08	5.40E-07	1.99E-06
2397	495611.06	3860151.99	2.38E-03	2.57E-03	4.09E-03	8.24E-07	2.49E-06	1.44E-06	1.56E-06	1.41E-06	6.44E-07	1.02E-06	2.75E-08	6.65E-07	1.47E-07	2.11E-07	3.35E-07	5.91E-08	5.37E-07	1.98E-06
2398	495661.06	3860151.99	2.37E-03	2.56E-03	4.07E-03	8.20E-07	2.48E-06	1.43E-06	1.55E-06	1.40E-06	6.40E-07	1.02E-06	2.74E-08	6.62E-07	1.46E-07	2.10E-07	3.33E-07	5.88E-08	5.35E-07	1.97E-06
2399	495718.25	3859442.96	2.45E-03	2.64E-03	4.22E-03	8.47E-07	2.56E-06	1.48E-06	1.60E-06	1.45E-06	6.62E-07	1.06E-06	2.83E-08	6.83E-07	1.51E-07	2.17E-07	3.45E-07	6.07E-08	5.54E-07	2.04E-06
2400	495818.25	3859442.96	2.40E-03	2.59E-03	4.14E-03	8.31E-07	2.51E-06	1.45E-06	1.57E-06	1.42E-06	6.49E-07	1.04E-06	2.78E-08	6.71E-07	1.48E-07	2.13E-07	3.38E-07	5.96E-08	5.43E-07	2.00E-06
2401	495918.25	3859442.96	2.37E-03	2.56E-03	4.08E-03	8.20E-07	2.48E-06	1.43E-06	1.55E-06	1.40E-06	6.40E-07	1.02E-06	2.74E-08	6.62E-07	1.46E-07	2.10E-07	3.34E-07	5.88E-08	5.36E-07	1.97E-06
2402	496018.25	3859442.96	2.34E-03	2.53E-03	4.04E-03	8.11E-07	2.45E-06	1.42E-06	1.53E-06	1.39E-06	6.33E-07	1.01E-06	2.71E-08	6.54E-07	1.44E-07	2.08E-07	3.30E-07	5.81E-08	5.30E-07	1.95E-06
2403	496118.25	3859442.96	2.36E-03	2.55E-03	4.06E-03	8.16E-07	2.46E-06	1.43E-06	1.54E-06	1.40E-06	6.37E-07	1.02E-06	2.73E-08	6.58E-07	1.45E-07	2.09E-07	3.32E-07	5.85E-08	5.34E-07	1.96E-06
2404	496218.25	3859442.96	2.37E-03	2.56E-03	4.08E-03	8.20E-07	2.47E-06	1.43E-06	1.55E-06	1.40E-06	6.40E-07	1.02E-06	2.74E-08	6.61E-07	1.46E-07	2.10E-07	3.33E-07	5.87E-08	5.36E-07	1.97E-06
2405	496318.25	3859442.96	2.34E-03	2.53E-03	4.04E-03	8.11E-07	2.45E-06	1.42E-06	1.53E-06	1.39E-06	6.34E-07	1.01E-06	2.71E-08	6.55E-07	1.44E-07	2.08E-07	3.30E-07	5.82E-08	5.30E-07	1.95E-06
2406	496418.25	3859442.96	2.32E-03	2.50E-03	4.00E-03	8.03E-07	2.42E-06	1.40E-06	1.52E-06	1.37E-06	6.27E-07	1.00E-06	2.68E-08	6.47E-07	1.43E-07	2.06E-07	3.26E-07	5.75E-08	5.25E-07	1.93E-06
2407	495718.25	3859542.96	2.48E-03	2.68E-03	4.27E-03	8.59E-07	2.59E-06	1.50E-06	1.62E-06	1.47E-06	6.71E-07	1.07E-06	2.87E-08	6.93E-07	1.53E-07	2.20E-07	3.49E-07	6.16E-08	5.61E-07	2.07E-06
2408	495818.25	3859542.96	2.45E-03	2.64E-03	4.22E-03	8.48E-07	2.56E-06	1.48E-06	1.60E-06	1.45E-06	6.62E-07	1.06E-06	2.83E-08	6.84E-07	1.51E-07	2.17E-07	3.45E-07	6.07E-08	5.54E-07	2.04E-06

2409	495918.25	3859542.96	2.41E-03	2.60E-03	4.15E-03	8.34E-07	2.52E-06	1.46E-06	1.57E-06	1.43E-06	6.51E-07	1.04E-06	2.78E-08	6.73E-07	1.48E-07	2.14E-07	3.39E-07	5.98E-08	5.45E-07	2.01E-06
2410	496018.25	3859542.96	2.37E-03	2.57E-03	4.09E-03	8.22E-07	2.48E-06	1.44E-06	1.55E-06	1.41E-06	6.42E-07	1.02E-06	2.75E-08	6.63E-07	1.46E-07	2.11E-07	3.34E-07	5.89E-08	5.37E-07	1.98E-06
2411	496118.25	3859542.96	2.39E-03	2.58E-03	4.11E-03	8.26E-07	2.50E-06	1.44E-06	1.56E-06	1.41E-06	6.45E-07	1.03E-06	2.76E-08	6.67E-07	1.47E-07	2.12E-07	3.36E-07	5.92E-08	5.40E-07	1.99E-06
2412	496218.25	3859542.96	2.39E-03	2.58E-03	4.11E-03	8.26E-07	2.49E-06	1.44E-06	1.56E-06	1.41E-06	6.45E-07	1.03E-06	2.76E-08	6.66E-07	1.47E-07	2.12E-07	3.36E-07	5.92E-08	5.40E-07	1.99E-06
2413	496318.25	3859542.96	2.38E-03	2.57E-03	4.10E-03	8.23E-07	2.49E-06	1.44E-06	1.55E-06	1.41E-06	6.43E-07	1.03E-06	2.75E-08	6.64E-07	1.47E-07	2.11E-07	3.35E-07	5.90E-08	5.38E-07	1.98E-06
2414	496418.25	3859542.96	2.34E-03	2.53E-03	4.04E-03	8.11E-07	2.45E-06	1.42E-06	1.53E-06	1.39E-06	6.33E-07	1.01E-06	2.71E-08	6.54E-07	1.44E-07	2.08E-07	3.30E-07	5.81E-08	5.30E-07	1.95E-06
2415	495718.25	3859642.96	2.49E-03	2.69E-03	4.29E-03	8.62E-07	2.60E-06	1.51E-06	1.63E-06	1.48E-06	6.73E-07	1.07E-06	2.88E-08	6.95E-07	1.53E-07	2.21E-07	3.51E-07	6.18E-08	5.63E-07	2.07E-06
2416	495818.25	3859642.96	2.45E-03	2.65E-03	4.23E-03	8.49E-07	2.56E-06	1.48E-06	1.60E-06	1.45E-06	6.63E-07	1.06E-06	2.84E-08	6.85E-07	1.51E-07	2.18E-07	3.45E-07	6.09E-08	5.55E-07	2.04E-06
2417	495918.25	3859642.96	2.43E-03	2.62E-03	4.19E-03	8.41E-07	2.54E-06	1.47E-06	1.59E-06	1.44E-06	6.57E-07	1.05E-06	2.81E-08	6.78E-07	1.50E-07	2.16E-07	3.42E-07	6.03E-08	5.50E-07	2.02E-06
2418	496018.25	3859642.96	2.40E-03	2.59E-03	4.13E-03	8.30E-07	2.51E-06	1.45E-06	1.57E-06	1.42E-06	6.48E-07	1.03E-06	2.77E-08	6.69E-07	1.48E-07	2.13E-07	3.37E-07	5.95E-08	5.42E-07	2.00E-06
2419	496118.25	3859642.96	2.41E-03	2.61E-03	4.16E-03	8.35E-07	2.52E-06	1.46E-06	1.58E-06	1.43E-06	6.52E-07	1.04E-06	2.79E-08	6.74E-07	1.49E-07	2.14E-07	3.40E-07	5.98E-08	5.46E-07	2.01E-06
2420	496218.25	3859642.96	2.41E-03	2.61E-03	4.16E-03	8.36E-07	2.52E-06	1.46E-06	1.58E-06	1.43E-06	6.53E-07	1.04E-06	2.79E-08	6.74E-07	1.49E-07	2.14E-07	3.40E-07	5.99E-08	5.46E-07	2.01E-06
2421	496318.25	3859642.96	2.39E-03	2.58E-03	4.11E-03	8.26E-07	2.50E-06	1.44E-06	1.56E-06	1.41E-06	6.45E-07	1.03E-06	2.76E-08	6.67E-07	1.47E-07	2.12E-07	3.36E-07	5.92E-08	5.40E-07	1.99E-06
2422	496418.25	3859642.96	2.29E-03	2.48E-03	3.95E-03	7.94E-07	2.40E-06	1.39E-06	1.50E-06	1.36E-06	6.20E-07	9.90E-07	2.65E-08	6.41E-07	1.41E-07	2.04E-07	3.23E-07	5.69E-08	5.19E-07	1.91E-06
2423	495718.25	3859742.96	2.50E-03	2.70E-03	4.31E-03	8.67E-07	2.62E-06	1.51E-06	1.64E-06	1.48E-06	6.77E-07	1.08E-06	2.89E-08	6.99E-07	1.54E-07	2.22E-07	3.52E-07	6.21E-08	5.66E-07	2.09E-06
2424	495818.25	3859742.96	2.46E-03	2.66E-03	4.24E-03	8.53E-07	2.57E-06	1.49E-06	1.61E-06	1.46E-06	6.66E-07	1.06E-06	2.85E-08	6.88E-07	1.52E-07	2.19E-07	3.47E-07	6.11E-08	5.57E-07	2.05E-06
2425	495918.25	3859742.96	2.43E-03	2.63E-03	4.19E-03	8.43E-07	2.54E-06	1.47E-06	1.59E-06	1.44E-06	6.58E-07	1.05E-06	2.81E-08	6.80E-07	1.50E-07	2.16E-07	3.43E-07	6.04E-08	5.50E-07	2.03E-06
2426	496018.25	3859742.96	2.40E-03	2.59E-03	4.14E-03	8.31E-07	2.51E-06	1.45E-06	1.57E-06	1.42E-06	6.49E-07	1.04E-06	2.78E-08	6.71E-07	1.48E-07	2.13E-07	3.38E-07	5.96E-08	5.43E-07	2.00E-06
2427	496118.25	3859742.96	2.41E-03	2.60E-03	4.15E-03	8.33E-07	2.52E-06	1.46E-06	1.57E-06	1.43E-06	6.51E-07	1.04E-06	2.78E-08	6.72E-07	1.48E-07	2.14E-07	3.39E-07	5.97E-08	5.45E-07	2.01E-06
2428	496218.25	3859742.96	2.42E-03	2.61E-03	4.17E-03	8.37E-07	2.53E-06	1.46E-06	1.58E-06	1.43E-06	6.54E-07	1.04E-06	2.80E-08	6.75E-07	1.49E-07	2.15E-07	3.40E-07	6.00E-08	5.47E-07	2.01E-06
2429	496318.25	3859742.96	2.35E-03	2.54E-03	4.04E-03	8.13E-07	2.45E-06	1.42E-06	1.53E-06	1.39E-06	6.35E-07	1.01E-06	2.71E-08	6.56E-07	1.45E-07	2.08E-07	3.30E-07	5.82E-08	5.31E-07	1.96E-06
2430	496418.25	3859742.96	2.28E-03	2.46E-03	3.93E-03	7.90E-07	2.38E-06	1.38E-06	1.49E-06	1.35E-06	6.17E-07	9.83E-07	2.64E-08	6.37E-07	1.41E-07	2.02E-07	3.21E-07	5.66E-08	5.16E-07	1.90E-06
2431	495718.25	3859842.96	2.49E-03	2.69E-03	4.28E-03	8.62E-07	2.60E-06	1.51E-06	1.63E-06	1.47E-06	6.73E-07	1.07E-06	2.88E-08	6.95E-07	1.53E-07	2.21E-07	3.50E-07	6.17E-08	5.63E-07	2.07E-06
2432	495818.25	3859842.96	2.46E-03	2.66E-03	4.24E-03	8.52E-07	2.57E-06	1.49E-06	1.61E-06	1.46E-06	6.65E-07	1.06E-06	2.85E-08	6.87E-07	1.52E-07	2.18E-07	3.46E-07	6.10E-08	5.56E-07	2.05E-06
2433	495918.25	3859842.96	2.43E-03	2.63E-03	4.19E-03	8.42E-07	2.54E-06	1.47E-06	1.59E-06	1.44E-06	6.57E-07	1.05E-06	2.81E-08	6.79E-07	1.50E-07	2.16E-07	3.42E-07	6.03E-08	5.50E-07	2.02E-06
2434	496018.25	3859842.96	2.41E-03	2.61E-03	4.15E-03	8.36E-07	2.52E-06	1.46E-06	1.58E-06	1.43E-06	6.52E-07	1.04E-06	2.79E-08	6.74E-07	1.49E-07	2.14E-07	3.40E-07	5.99E-08	5.46E-07	2.01E-06
2435	496118.25	3859842.96	2.43E-03	2.62E-03	4.18E-03	8.40E-07	2.54E-06	1.47E-06	1.59E-06	1.44E-06	6.56E-07	1.04E-06	2.80E-08	6.77E-07	1.49E-07	2.15E-07	3.41E-07	6.02E-08	5.48E-07	2.02E-06
2436	496218.25	3859842.96	2.37E-03	2.56E-03	4.07E-03	8.19E-07	2.47E-06	1.43E-06	1.55E-06	1.40E-06	6.40E-07	1.02E-06	2.74E-08	6.61E-07	1.46E-07	2.10E-07	3.33E-07	5.87E-08	5.35E-07	1.97E-06
2437	496318.25	3859842.96	2.24E-03	2.42E-03	3.86E-03	7.77E-07	2.35E-06	1.36E-06	1.47E-06	1.33E-06	6.06E-07	9.67E-07	2.59E-08	6.26E-07	1.38E-07	1.99E-07	3.16E-07	5.57E-08	5.07E-07	1.87E-06
2438	496418.25	3859842.96	2.16E-03	2.33E-03	3.72E-03	7.47E-07	2.26E-06	1.31E-06	1.41E-06	1.28E-06	5.83E-07	9.30E-07	2.49E-08	6.02E-07	1.33E-07	1.91E-07	3.04E-07	5.35E-08	4.88E-07	1.80E-06
2439	495718.25	3859942.96	2.46E-03	2.65E-03	4.23E-03	8.51E-07	2.57E-06	1.49E-06	1.61E-06	1.46E-06	6.64E-07	1.06E-06	2.84E-08	6.86E-07	1.51E-07	2.18E-07	3.46E-07	6.10E-08	5.55E-07	2.05E-06
2440	495818.25	3859942.96	2.43E-03	2.62E-03	4.18E-03	8.41E-07	2.54E-06	1.47E-06	1.59E-06	1.44E-06	6.57E-07	1.05E-06	2.81E-08	6.78E-07	1.50E-07	2.16E-07	3.42E-07	6.03E-08	5.49E-07	2.02E-06
2441	495918.25	3859942.96	2.41E-03	2.60E-03	4.14E-03	8.34E-07	2.52E-06	1.46E-06	1.57E-06	1.43E-06	6.51E-07	1.04E-06	2.79E-08	6.73E-07	1.48E-07	2.14E-07	3.39E-07	5.98E-08	5.44E-07	2.01E-06
2442	496018.25	3859942.96	2.41E-03	2.60E-03	4.14E-03	8.33E-07	2.52E-06	1.46E-06	1.57E-06	1.43E-06	6.51E-07	1.04E-06	2.78E-08	6.72E-07	1.48E-07	2.14E-07	3.39E-07	5.97E-08	5.44E-07	2.00E-06
2443	496118.25	3859942.96	2.37E-03	2.55E-03	4.07E-03	8.19E-07	2.47E-06	1.43E-06	1.55E-06	1.40E-06	6.39E-07	1.02E-06	2.73E-08	6.60E-07	1.46E-07	2.10E-07	3.33E-07	5.87E-08	5.34E-07	1.97E-06
2444	496218.25	3859942.96	2.29E-03	2.48E-03	3.95E-03	7.94E-07	2.40E-06	1.39E-06	1.50E-06	1.36E-06	6.20E-07	9.88E-07	2.65E-08	6.41E-07	1.41E-07	2.04E-07	3.23E-07	5.69E-08	5.19E-07	1.91E-06
2445	496318.25	3859942.96	2.22E-03	2.39E-03	3.82E-03	7.67E-07	2.32E-06	1.34E-06	1.45E-06	1.31E-06	5.99E-07	9.55E-07	2.56E-08	6.19E-07	1.37E-07	1.97E-07	3.12E-07	5.50E-08	5.01E-07	1.85E-06
2446	496418.25	3859942.96	2.10E-03	2.27E-03	3.62E-03	7.28E-07	2.20E-06	1.27E-06	1.37E-06	1.25E-06	5.68E-07	9.06E-07	2.43E-08	5.87E-07	1.30E-07	1.87E-07	2.96E-07	5.22E-08	4.76E-07	1.75E-06
2447	496856.82	3858864.83	1.96E-03	2.11E-03	3.37E-03	6.78E-07	2.05E-06	1.18E-06	1.28E-06	1.16E-06	5.29E-07	8.43E-07	2.26E-08	5.47E-07	1.21E-07	1.74E-07	2.76E-07	4.86E-08	4.42E-07	1.63E-06
2448	496956.82	3858864.83	1.93E-03	2.08E-03	3.32E-03	6.68E-07	2.02E-06	1.17E-06	1.26E-06	1.14E-06	5.21E-07	8.30E-07	2.23E-08	5.38E-07	1.19E-07	1.71E-07	2.71E-07	4.78E-08	4.36E-07	1.61E-06
2449	497056.82	3858864.83	1.90E-03	2.05E-03	3.27E-03	6.58E-07	1.99E-06	1.15E-06	1.24E-06	1.13E-06	5.14E-07	8.19E-07	2.20E-08	5.31E-07	1.17E-07	1.69E-07	2.68E-07	4.72E-08	4.30E-07	1.58E-06
2450	497156.82	3858864.83	1.87E-03	2.02E-03	3.21E-03	6.46E-07	1.95E-06	1.13E-06	1.22E-06	1.11E-06	5.04E-07	8.03E-07	2.16E-08	5.21E-07	1.15E-07	1.66E-07	2.63E-07	4.63E-08	4.22E-07	1.55E-06
2451	497256.82	3858864.83	1.86E-03	2.00E-03	3.19E-03	6.42E-07	1.94E-06	1.12E-06	1.21E-06	1.10E-06	5.02E-07	7.99E-07	2.15E-08	5.18E-07	1.14E-07	1.65E-07	2.61E-07	4.60E-08	4.19E-07	1.55E-06
2452	496856.82	3858964.83	2.01E-03	2.17E-03	3.45E-03	6.94E-07	2.10E-06	1.21E-06	1.31E-06	1.19E-06	5.42E-07	8.64E-07	2.32E-08	5.60E-07	1.24E-07	1.78E-07	2.82E-07	4.98E-08	4.53E-07	1.67E-06
2453	496956.82	3858964.83	1.96E-03	2.12E-03	3.38E-03	6.79E-07	2.05E-06	1.19E-06	1.28E-06	1.16E-06	5.31E-07	8.45E-07	2.27E-08	5.48E-07	1.21E-07	1.74E-07	2.76E-07	4.87E-08	4.44E-07	1.63E-06
2454	497056.82	3858964.83	1.93E-03	2.09E-03	3.32E-03	6.69E-07	2.02E-06	1.17E-06	1.26E-06	1.14E-06	5.22E-07	8.32E-07	2.23E-08	5.39E-07	1.19E-07	1.71E-07	2.72E-07	4.79E-08	4.37E-07	1.61E-06
2455	497156.82	3858964.83	1.90E-03	2.05E-03	3.27E-03	6.58E-07	1.99E-06	1.15E-06	1.24E-06	1.13E-06	5.13E-07	8.18E-07	2.20E-08	5.30E-07	1.17E-07	1.69E-07	2.67E-07	4.71E-08	4.29E-07	1.58E-06
2456	497256.82	3858964.83	1.92E-03	2.07E-03	3.30E-03	6.63E-07	2.00E-06	1.16E-06	1.25E-06	1.13E-06	5.18E-07	8.25E-07	2.21E-08	5.35E-07	1.18E-07	1.70E-07	2.70E-07	4.75E-08	4.33E-07	1.60E-06
2457	496856.82	3859064.83	2.02E-03	2.19E-03	3.48E-03	7.00E-07	2.11E-06	1.22E-06	1.32E-06	1.20E-06	5.47E-07	8.72E-07	2.34E-08	5.65E-07	1.25E-07	1.80E-07	2.85E-07	5.02E-08	4.57E-07	1.69E-06
2458	496956.82	3859064.83	1.99E-03	2.15E-03	3.42E-03	6.89E-07	2.08E-06	1.20E-06	1.30E-06	1.18E-06	5.38E-07	8.57E-07	2.30E-08	5.55E-07	1.23E-07	1.76E-07	2.80E-07	4.93E-08	4.50E-07	1.66E-06
2459	497056.82	3859064.83	1.96E-03	2.12E-03	3.38E-03	6.79E-07	2.05E-06	1.19E-06	1.28E-06	1.16E-06	5.30E-07	8.45E-07	2.27E-08	5.48E-07	1.21E-07	1.74E-07	2.76E-07	4.87E-08	4.43E-07	1.63E-06
2460	497156.82	3859064.83	1.94E-03	2.09E-03	3.34E-03	6.71E-07	2.03E-06	1.17E-06	1.27E-06	1.15E-06	5.24E-07	8.35E-07	2.24E-08	5.41E-07	1.19E-07	1.72E-07	2.73E-07	4.81E-08	4.38E-07	1.61E-06
2461	497256.82	3859064.83	1.97E-03	2.13E-03	3.39E-03	6.82E-07	2.06E-06	1.19E-06	1.29E-06	1.17E-06	5.33E-07	8.49E-07	2.28E-08	5.50E-07	1.21E-07	1.75E-07	2.77E-07	4.89E-08	4.46E-07	1.64E-06
2462	496856.82	3859164.83	2.02E-03	2.18E-03	3.48E-03	6.99E-07	2.11E-06	1.22E-06	1.32E-06	1.20E-06	5.46E-07	8.70E-07	2.33E-08	5.64E-07	1.24E-07	1.79E-07	2.84E-07	5.01E-08	4.57E-07	1.68E-06
2463	496956.82	3859164.83	1.98E-03	2.14E-03	3.41E-03	6.86E-07	2.07E-06	1.20E-06	1.30E-06	1.17E-06	5.36E-07	8.54E-07	2.29E-08	5.54E-07	1.22E-07	1.76E-07	2.79E-07	4.92E-08	4.48E-07	1.65E-06
2464	497056.82	3859164.83	1.97E-03	2.13E-03	3.39E-03	6.82E-07	2.06E-06	1.19E-06	1.29E-06	1.17E-06	5.32E-07	8.48E-07	2.28E-08	5.50E-07	1.21E-07	1.75E-07	2.77E-07	4.88E-08	4.45E-07	1.64E-06
2465	497156.82	3859164.83	1.98E-03	2.14E-03	3.41E-03	6.86E-07	2.07E-06	1.20E-06	1.29E-06	1.17E-06	5.35E-07	8.54E-07	2.29E-08	5.53E-07	1.22E-07	1.76E-07	2.79E-07	4.91E-08	4.48E-07	1.65E-06
2466	497256.82	3859164.83	2.02E-03	2.19E-03	3.49E-03	7.01E-07	2.12E-06	1.23E-06	1.32E-06	1.20E-06	5.47E-07	8.73E-07	2.34E-08	5.65E-07	1.25E-07	1.80E-07	2.85E-07	5.02E-08	4.58E-07	1.69E-06
2467	496856.82	3859264.83	2.00E-03	2.16E-03	3.45E-03	6.93E-07	2.09E-06	1.21E-06	1.31E-06	1.19E-06	5.41E-07	8.62E-07	2.31E-08	5.59E-07	1.23E-07	1.78E-07	2.82E-07	4.97E-08	4.53E-07	1.67E-06
2468	496956.82	3859264.83	2.00E-03	2.16E-03	3.44E-03	6.91E-07	2.09E-06	1.21E-06	1.30E-06	1.18E-06	5.40E-07	8.60E-07	2.31E-08	5.58E-07	1.23E-07	1.77E-07	2.81E-07	4.95E-08	4.52E-07	1.66E-06
2469	497056.82	3859264.83	2.01E-03	2.17E-03	3.46E-03	6.96E-07	2.10E-06	1.22E-06	1.31E-06	1.19E-06	5.44E-07	8.67E-07	2.33E-08	5.62E-07	1.24E-07	1.79E-07	2.83E-07	4.99E-08	4.55E-07	1.68E-06
2470	497156.82	3859264.83	2.02E-03	2.18E-03	3.48E-03	7.00E-07	2.11E-06	1.22E-06	1.32E-06	1.20E-06	5.47E-07	8.72E-07	2.34E-08	5.65E-07	1.25E-07	1.79E-07	2.85E-07	5.02E-08	4.57E-07	1.68E-06
2471	497256.82	3859264.83	2.06E-03	2.22E-03	3.54E-03	7.12E-07	2.15E-06	1.24E-06	1.34E-06	1.22E-06	5.56E-07	8.87E-07	2.38E-08	5.74E-07	1.27E-07	1.83E-07	2.90E-07	5.10E-08	4.65E-07	1.71E-06
2472	497088.92	3858620.93	1.78E-03	1.92E-03	3.07E-03	6.17E-07	1.86E-06	1.08E-06	1.16E-06	1.06E-06	4.82E-07	7.67E-07	2.06E-08	4.98E-07	1.10E-07	1.58E-07	2.51E-07	4.42E-08	4.03E-07	1.48E-06
2473	497138.92	3858620.93	1.78E-03	1.92E-03	3.06E-03	6.16E-07	1.86E-06	1.08E-06	1.16E-06	1.05E-06	4.81E-07	7.66E-07	2.06E-08	4.97E-07	1.10E-07	1.58E-07	2.50E-07	4.41E-08	4.02E-07	1.48E-06
2474	497188.92	3858620.93	1.77E-03	1.91E-03	3.04E-03	6.12E-07	1.85E-06	1.07E-06	1.16E-06	1.05E-06	4.78E-07	7.61E-07	2.04E-08	4.94E-07	1.09E-07	1.57E-07	2.49E-07	4.38E-08	3.99E-07	1.47E-06
2475	497238.92	3858620.93	1.76E-03	1.90E-03	3.02E-03	6.09E-07	1.84E-06	1.06E-06	1.15E-06	1.04E-06	4.75E-07	7.57E-07	2.03E-08	4.91E-07	1.08E-07	1.56E-07	2.48E-07	4.36E-08	3.97E-07	1.46E-06
2476	497088.92	3858670.93	1.79E-03	1.93E-03	3.07E-03	6.18E-07	1.87E-06	1.08E-06	1.17E-06	1.06E-06	4.83E-07	7.68E-07	2.06E-08	4.99E-07	1.10E-07	1.58E-07	2.51E-07	4.43E-08	4.03E-07	1.49E-06
2477	497138.92	3858670.93	1.79E-03	1.94E-03	3.08E-03	6.20E-07	1.87E-06	1.08E-06	1.17E-06	1.06E-06	4.84E-07	7.71E-07	2.07E-08	5.00E-07	1.10E-07	1.59E-07	2.52E-07	4.44E-08	4.05E-07	1.49E-06
2478	497188.92	3858670.93	1.78E-03	1.92E-03	3.06E-03	6.15E-07	1.86E-06	1.07E-06	1.16E-06	1.05E-06	4.80E-07	7.65E-07	2.05E-08	4.96E-07	1.09E-07	1.58E-07	2.50E-07	4.41E-08	4.01E-07	1.48E-06
2479	497238.92	3858670.93	1.77E-03	1.91E-03	3.05E-03	6.14E-07	1.85E-06	1.07E-06	1.16E-06	1.05E-06	4.79E-07	7.63E-07	2.05E-08	4.95E-07	1.09E-07	1.57E-07	2.50E-07	4.40E-08	4.01E-07	1.48E-06
2480	497088.92	3858720.93	1.82E-03	1.97E-03	3.14E-03	6.31E-07	1.91E-06	1.10E-06	1.19E-06	1.08E-06	4.93E-07	7.85E-07	2.11E-08	5.09E-07	1.12E-07	1.62E-07	2.57E-07	4.52E-08	4.12E-07	1.52E-06
2481	497138.92	3858720.93	1.78E-03	1.92E-03	3.06E-03	6.17E-07	1.86E-06	1.08E-06	1.16E-06	1.06E-06	4.82E-07	7.67E-07	2.06E-08	4.97E-07	1.10E-07	1.58E-07	2.51E-07	4.42E-08	4.02E-07	1.48E-06
2482	497188.92	3858720.93	1.77E-03	1.91E-03	3.05E-03	6.13E-07	1.85E-06	1.07E-06	1.16E-06	1.05E-06	4.79E-07	7.63E-07	2.05E-08	4.95E-07	1.09E-07	1.57E-07	2.49E-07	4.39E-08	4.00E-07	1.48E-06
2483	497238.92	3858720.93	1.79E-03	1.94E-03	3.08E-03	6.21E-07	1.87E-06	1.08E-06	1.17E-06	1.06E-06	4.84E-07	7.72E-07	2.07E-08	5.01E-07	1.10E-07	1.59E-07	2.52E-07	4.45E-08	4.05E-07	1.49E-06
2484	497088.92	3858770.93	1.83E-03	1.98E-03	3.15E-03	6.35E-07	1.92E-06	1.11E-06	1.20E-06	1.09E-06	4.95E-07	7.89E-07	2.12E-08	5.12E-07	1.13E-07	1.63E-07	2.58E-07	4.55E-08	4.14E-07	1.53E-06
2485	497138.92	3858770.93	1.82E-03	1.96E-03	3.12E-03	6.28E-07	1.90E-06	1.10E-06	1.19E-06	1.08E-06	4.91E-07	7.81E-07	2.10E-08	5.07E-07	1.12E-07	1.61E-07	2.55E-07	4.50E-08	4.10E-07	1.51E-06
2486	497188.92	3858770.93	1.80E-03	1.94E-03	3.10E-03	6.23E-07	1.88E-06	1.09E-06	1.18E-06	1.07E-06	4.87E-07	7.75E-07	2.08E-08	5.03E-07	1.11E-07	1.60E-07	2.53E-07	4.47E-08	4.07E-07	1.50E-06
2487	497238.92	3858770.93	1.81E-03	1.96E-03	3.12E-03	6.27E-07	1.89E-06	1.10E-06	1.18E-06	1.07E-06	4.90E-07	7.80E-07	2.10E-08	5.06E-07	1.12E-07	1.61E-07	2.55E-07	4.50E-08	4.10E-07	1.51E-06
2488	497396.65	3858622.63	1.82E-03	1.97E-03	3.14E-03	6.31E-07	1.91E-06	1.10E-06	1.19E-06	1.08E-06	4.93E-07	7.85E-07	2.11E-08	5.09E-07	1.12E-07	1.62E-07	2.57E-07	4.52E-08	4.12E-07	1.52E-06
2489	497496.65	3858622.63	1.86E-03	2.01E-03	3.20E-03	6.44E-07	1.94E-06	1.12E-06	1.21E-06	1.10E-06	5.02E-07	8.00E-07	2.15E-08	5.19E-07	1.15E-07	1.65E-07	2.62E-07	4.61E-08	4.20E-07	1.55E-06
2490	497596.65	3858622.63	1.93E-03	2.08E-03	3.32E-03	6.67E-07	2.01E-06	1.17E-06	1.26E-06	1.14E-06	5.21E-07	8.30E-07	2.23E-08	5.38E-07	1.19E-07	1.71E-07	2.71E-07	4.78E-08	4.36E-07	1.60E-06
2491	497696.65	3858622.63	1.95E-03	2.10E-03	3.35E-03	6.74E-07	2.03E-06	1.18E-06	1.27E-06	1.15E-06	5.26E-07	8.38E-07	2.25E-08	5.43E-07	1.20E-07	1.73E-07	2.74E-07	4.83E-08	4.40E-07	1.62E-06
2492	497796.65	3858622.63	1.99E-03	2.15E-03	3.43E-03	6.89E-07	2.08E-06	1.20E-06	1.30E-06	1.18E-06	5.38E-07	8.57E-07	2.30E-08	5.55E-07	1.23E-07	1.77E-07	2.80E-07	4.94E-08	4.50E-07	1.66E-06
2493	497896.65	3858622.63	2.03E-03	2.20E-03	3.50E-03	7.04E-07	2.12E-06	1.23E-06	1.33E-06	1.20E-06	5.49E-07	8.76E-07	2.35E-08	5.67E-07	1.25E-07	1.80E-07	2.86E-07	5.04E-08	4.60E-07	1.69E-06
2494	497396.65	3858722.63	1.87E-03	2.02E-03	3.22E-03	6.47E-07	1.95E-06	1.13E-06	1.22E-06	1.11E-06	5.05E-07	8.05E-07	2.16E-08	5.22E-07	1.15E-07	1.66E-07	2.63E-07	4.64E-08	4.23E-07	1.56E-06
2495	497496.65	3858722.63	1.91E-03	2.06E-03	3.28E-03	6.60E-07	1.99E-06	1.15E-06	1.25E-06	1.13E-06	5.15E-07	8.21E-07	2.20E-08	5.32E-07	1.17E-07	1.69E-07	2.68E-07	4.73E-08	4.31E-07	1.59E-06
2496	497596.65	3858722.63	1.97E-03	2.13E-03	3.40E-03	6.83E-07	2.06E-06	1.19E-06	1.29E-06	1.17E-06	5.33E-07	8.50E-07	2.28E-08	5.51E-07	1.22E-07	1.75E-07	2.78E-07	4.89E-08	4.46E-07	1.64E-06
2497	497696.65	3858722.63	2.01E-03	2.17E-03	3.46E-03	6.95E-07	2.10E-06	1.22E-06	1.31E-06	1.19E-06	5.43E-07	8.66E-07	2.32E-08	5.61E-07	1.24E-07	1.78E-07	2.83E-07	4.98E-08	4.54E-07	1.67E-06
2498	497796.65	3858722.63	2.03E-03	2.19E-03	3.49E-03	7.01E-07	2.12E-06	1.23E-06	1.32E-06	1.20E-06	5.48E-07	8.73E-07	2.34E-08	5.66E-07	1.25E-07	1.80E-07	2.85E-07	5.03E-08	4.58E-07	1.69E-06
2499	497896.65	3858722.63	2.05E-03	2.22E-03	3.54E-03	7.11E-07	2.15E-06	1.24E-06	1.34E-06	1.22E-06	5.55E-07	8.86E-07	2.37E-08	5.74E-07	1.27E-07	1.82E-07	2.89E-07	5.10E-08	4.65E-07	1.71E-06
2500	497396.65	3858822.63	1.90E-03	2.05E-03	3.27E-03	6.57E-07	1.98E-06	1.15E-06	1.24E-06	1.12E-06	5.13E-07	8.17E-07	2.19E-08	5.30E-07	1.17E-07	1.68E-07	2.67E-07	4.71E-08	4.29E-07	1.58E-06
2501	497496.65	3858822.63	1.93E-03	2.08E-03	3.32E-03	6.68E-07	2.02E-06	1.17E-06	1.26E-06	1.14E-06	5.22E-07	8.32E-07	2.23E-08	5.39E-07	1.19E-07	1.71E-07	2.72E-07	4.79E-08	4.36E-07	1.61E-06
2502	497596.65	3858822.63	2.01E-03	2.17E-03	3.45E-03	6.94E-07	2.10E-06	1.21E-06	1.31E-06	1.19E-06	5.42E-07	8.65E-07	2.32E-08	5.60E-07	1.24E-07	1.78E-07	2.82E-07	4.98E-08	4.54E-07	1.67E-06
2503	497696.65	3858822.63	2.03E-03	2.20E-03	3.50E-03	7.04E-07	2.12E-06	1.23E-06	1.33E-06	1.20E-06	5.49E-07	8.76E-07	2.35E-08	5.67E-07	1.25E-07	1.80E-07	2.86E-07	5.04E-08	4.60E-07	1.69E-06
2504	497796.65	3858822.63	2.05E-03	2.21E-03	3.53E-03	7.09E-07	2.14E-06	1.24E-06	1.34E-06	1.21E-06	5.54E-07	8.84E-07	2.37E-08	5.72E-07	1.26E-07	1.82E-07	2.88E-07	5.08E-08	4.64E-07	1.71E-06
2505	497896.65	3858822.63	2.10E-03	2.27E-03	3.62E-03	7.27E-07	2.20E-06	1.27E-06	1.37E-06	1.24E-06	5.68E-07	9.06E-07	2.43E-08	5.87E-07	1.29E-07	1.86E-07	2.96E-07	5.21E-08	4.75E-07	1.75E-06
2506	497396.65	3858922.63	1.93E-03	2.09E-03	3.32E-03	6.68E-07	2.02E-06	1.17E-06	1.26E-06	1.14E-06	5.22E-07	8.32E-07	2.23E-08	5.39E-07	1.19E-07	1.71E-07	2.72E-07	4.79E-08	4.37E-07	1.61E-06
2507	497496.65	3858922.63	2.00E-03	2.16E-03	3.44E-03	6.91E-07	2.09E-06	1.21E-06	1.30E-06	1.18E-06	5.40E-07	8.61E-07	2.31E-08	5.58E-07	1.23E-07	1.77E-07	2.81E-07	4.95E-08	4.52E-07	1.66E-06
2508	497596.65	3858922.63	1.99E-03	2.15E-03	3.43E-03	6.90E-07	2.08E-06	1.21E-06	1.30E-06	1.18E-06	5.39E-07	8.59E-07	2.30E-08	5.57E-07	1.23E-07	1.77E-07	2.81E-07	4.94E-08	4.51E-07	1.66E-06
2509	497696.65	3858922.63	2.07E-03	2.23E-03	3.56E-03	7.16E-07	2.16E-06	1.25E-06	1.35E-06	1.23E-06	5.59E-07	8.92E-07	2.39E-08	5.77E-07	1.27E-07	1.84E-07	2.91E-07	5.13E-08	4.68E-07	1.72E-06
2510	497796.65	3858922.63	2.11E-03	2.28E-03	3.63E-03	7.29E-07	2.20E-06	1.27E-06	1.38E-06	1.25E-06	5.70E-07	9.08E-07	2.44E-08	5.88E-07	1.30E-07	1.87E-07	2.97E-07	5.23E-08	4.77E-07	1.75E-06
2511	497896.65	3858922.63	2.17E-03	2.34E-03	3.74E-03	7.51E-07	2.27E-06	1.31E-06	1.42E-06	1.29E-06	5.87E-07	9.36E-07	2.51E-08	6.06E-07	1.34E-07	1.93E-07	3.06E-07	5.38E-08	4.91E-07	1.81E-06
2512	497364.44	3858201.52	1.74E-03	1.88E-03	2.99E-03	6.02E-07	1.82E-06	1.05E-06	1.14E-06	1.03E-06	4.70E-07	7.48E-07	2.01E-08	4.85E-07	1.07E-07	1.54E-07	2.45E-07	4.31E-08	3.92E-07	1.45E-06
2513	497414.44	3858201.52	1.75E-03	1.89E-03	3.02E-03	6.07E-07	1.83E-06	1.06E-06	1.15E-06	1.04E-06	4.74E-07	7.55E-07	2.03E-08	4.90E-07	1.08E-07	1.56E-07	2.47E-07	4.35E-08	3.96E-07	1.46E-06

2514	497464.44	3858201.52	1.77E-03	1.91E-03	3.04E-03	6.12E-07	1.85E-06	1.07E-06	1.16E-06	1.05E-06	4.78E-07	7.61E-07	2.04E-08	4.94E-07	1.09E-07	1.57E-07	2.49E-07	4.39E-08	3.99E-07	1.47E-06
2515	497514.44	3858201.52	1.78E-03	1.92E-03	3.05E-03	6.15E-07	1.86E-06	1.07E-06	1.16E-06	1.05E-06	4.80E-07	7.64E-07	2.05E-08	4.96E-07	1.09E-07	1.57E-07	2.50E-07	4.40E-08	4.01E-07	1.48E-06
2516	497564.44	3858201.52	1.77E-03	1.91E-03	3.04E-03	6.12E-07	1.85E-06	1.07E-06	1.15E-06	1.05E-06	4.78E-07	7.61E-07	2.04E-08	4.94E-07	1.09E-07	1.57E-07	2.49E-07	4.38E-08	3.99E-07	1.47E-06
2517	497614.44	3858201.52	1.77E-03	1.91E-03	3.05E-03	6.13E-07	1.85E-06	1.07E-06	1.16E-06	1.05E-06	4.78E-07	7.62E-07	2.05E-08	4.94E-07	1.09E-07	1.57E-07	2.49E-07	4.39E-08	4.00E-07	1.47E-06
2518	497364.44	3858251.52	1.77E-03	1.91E-03	3.04E-03	6.11E-07	1.85E-06	1.07E-06	1.15E-06	1.05E-06	4.77E-07	7.60E-07	2.04E-08	4.93E-07	1.09E-07	1.57E-07	2.49E-07	4.38E-08	3.99E-07	1.47E-06
2519	497414.44	3858251.52	1.79E-03	1.93E-03	3.08E-03	6.19E-07	1.87E-06	1.08E-06	1.17E-06	1.06E-06	4.83E-07	7.70E-07	2.07E-08	4.99E-07	1.10E-07	1.59E-07	2.52E-07	4.44E-08	4.04E-07	1.49E-06
2520	497464.44	3858251.52	1.77E-03	1.92E-03	3.05E-03	6.14E-07	1.85E-06	1.07E-06	1.16E-06	1.05E-06	4.80E-07	7.64E-07	2.05E-08	4.95E-07	1.09E-07	1.57E-07	2.50E-07	4.40E-08	4.01E-07	1.48E-06
2521	497514.44	3858251.52	1.76E-03	1.90E-03	3.02E-03	6.08E-07	1.84E-06	1.06E-06	1.15E-06	1.04E-06	4.75E-07	7.56E-07	2.03E-08	4.90E-07	1.08E-07	1.56E-07	2.47E-07	4.36E-08	3.97E-07	1.46E-06
2522	497564.44	3858251.52	1.75E-03	1.89E-03	3.01E-03	6.06E-07	1.83E-06	1.06E-06	1.14E-06	1.04E-06	4.73E-07	7.53E-07	2.02E-08	4.89E-07	1.08E-07	1.55E-07	2.46E-07	4.34E-08	3.95E-07	1.46E-06
2523	497614.44	3858251.52	1.74E-03	1.88E-03	3.00E-03	6.04E-07	1.82E-06	1.06E-06	1.14E-06	1.03E-06	4.71E-07	7.51E-07	2.02E-08	4.87E-07	1.07E-07	1.55E-07	2.45E-07	4.33E-08	3.94E-07	1.45E-06
2524	497364.44	3858301.52	1.77E-03	1.91E-03	3.05E-03	6.13E-07	1.85E-06	1.07E-06	1.16E-06	1.05E-06	4.79E-07	7.62E-07	2.05E-08	4.94E-07	1.09E-07	1.57E-07	2.49E-07	4.39E-08	4.00E-07	1.47E-06
2525	497414.44	3858301.52	1.79E-03	1.93E-03	3.07E-03	6.18E-07	1.87E-06	1.08E-06	1.17E-06	1.06E-06	4.83E-07	7.69E-07	2.06E-08	4.98E-07	1.10E-07	1.58E-07	2.51E-07	4.43E-08	4.03E-07	1.49E-06
2526	497464.44	3858301.52	1.77E-03	1.91E-03	3.04E-03	6.11E-07	1.85E-06	1.07E-06	1.15E-06	1.05E-06	4.77E-07	7.60E-07	2.04E-08	4.93E-07	1.09E-07	1.57E-07	2.48E-07	4.38E-08	3.99E-07	1.47E-06
2527	497514.44	3858301.52	1.75E-03	1.89E-03	3.01E-03	6.07E-07	1.83E-06	1.06E-06	1.15E-06	1.04E-06	4.74E-07	7.55E-07	2.03E-08	4.89E-07	1.08E-07	1.56E-07	2.47E-07	4.35E-08	3.96E-07	1.46E-06
2528	497564.44	3858301.52	1.73E-03	1.87E-03	2.98E-03	6.00E-07	1.81E-06	1.05E-06	1.13E-06	1.03E-06	4.69E-07	7.46E-07	2.00E-08	4.84E-07	1.07E-07	1.54E-07	2.44E-07	4.30E-08	3.92E-07	1.44E-06
2529	497614.44	3858301.52	1.73E-03	1.86E-03	2.97E-03	5.98E-07	1.80E-06	1.04E-06	1.13E-06	1.02E-06	4.67E-07	7.43E-07	2.00E-08	4.82E-07	1.06E-07	1.53E-07	2.43E-07	4.28E-08	3.90E-07	1.44E-06
2530	497364.44	3858351.52	1.78E-03	1.92E-03	3.06E-03	6.17E-07	1.86E-06	1.08E-06	1.16E-06	1.06E-06	4.81E-07	7.67E-07	2.06E-08	4.97E-07	1.10E-07	1.58E-07	2.51E-07	4.42E-08	4.02E-07	1.48E-06
2531	497414.44	3858351.52	1.77E-03	1.91E-03	3.04E-03	6.12E-07	1.85E-06	1.07E-06	1.16E-06	1.05E-06	4.78E-07	7.61E-07	2.04E-08	4.94E-07	1.09E-07	1.57E-07	2.49E-07	4.39E-08	4.00E-07	1.47E-06
2532	497464.44	3858351.52	1.76E-03	1.90E-03	3.03E-03	6.11E-07	1.84E-06	1.07E-06	1.15E-06	1.04E-06	4.77E-07	7.59E-07	2.04E-08	4.92E-07	1.09E-07	1.56E-07	2.48E-07	4.37E-08	3.98E-07	1.47E-06
2533	497514.44	3858351.52	1.75E-03	1.89E-03	3.02E-03	6.07E-07	1.83E-06	1.06E-06	1.15E-06	1.04E-06	4.74E-07	7.55E-07	2.03E-08	4.90E-07	1.08E-07	1.56E-07	2.47E-07	4.35E-08	3.96E-07	1.46E-06
2534	497564.44	3858351.52	1.73E-03	1.87E-03	2.97E-03	5.98E-07	1.81E-06	1.05E-06	1.13E-06	1.02E-06	4.67E-07	7.44E-07	2.00E-08	4.83E-07	1.07E-07	1.53E-07	2.43E-07	4.29E-08	3.90E-07	1.44E-06
2535	497614.44	3858351.52	1.72E-03	1.86E-03	2.96E-03	5.96E-07	1.80E-06	1.04E-06	1.13E-06	1.02E-06	4.66E-07	7.42E-07	1.99E-08	4.81E-07	1.06E-07	1.53E-07	2.42E-07	4.27E-08	3.89E-07	1.43E-06
2536	497364.44	3858401.52	1.76E-03	1.90E-03	3.03E-03	6.10E-07	1.84E-06	1.07E-06	1.15E-06	1.04E-06	4.76E-07	7.58E-07	2.04E-08	4.92E-07	1.09E-07	1.56E-07	2.48E-07	4.37E-08	3.98E-07	1.47E-06
2537	497414.44	3858401.52	1.76E-03	1.90E-03	3.03E-03	6.10E-07	1.84E-06	1.07E-06	1.15E-06	1.04E-06	4.76E-07	7.58E-07	2.04E-08	4.92E-07	1.09E-07	1.56E-07	2.48E-07	4.37E-08	3.98E-07	1.47E-06
2538	497464.44	3858401.52	1.75E-03	1.89E-03	3.01E-03	6.05E-07	1.83E-06	1.06E-06	1.14E-06	1.04E-06	4.72E-07	7.52E-07	2.02E-08	4.88E-07	1.08E-07	1.55E-07	2.46E-07	4.33E-08	3.95E-07	1.45E-06
2539	497514.44	3858401.52	1.74E-03	1.88E-03	2.99E-03	6.02E-07	1.82E-06	1.05E-06	1.14E-06	1.03E-06	4.70E-07	7.49E-07	2.01E-08	4.86E-07	1.07E-07	1.54E-07	2.45E-07	4.32E-08	3.93E-07	1.45E-06
2540	497564.44	3858401.52	1.76E-03	1.90E-03	3.02E-03	6.08E-07	1.84E-06	1.06E-06	1.15E-06	1.04E-06	4.75E-07	7.56E-07	2.03E-08	4.91E-07	1.08E-07	1.56E-07	2.47E-07	4.36E-08	3.97E-07	1.46E-06
2541	497614.44	3858401.52	1.77E-03	1.91E-03	3.05E-03	6.13E-07	1.85E-06	1.07E-06	1.16E-06	1.05E-06	4.79E-07	7.62E-07	2.05E-08	4.94E-07	1.09E-07	1.57E-07	2.49E-07	4.39E-08	4.00E-07	1.47E-06
2542	493478.11	3860497.94	2.47E-03	2.67E-03	4.25E-03	8.56E-07	2.58E-06	1.50E-06	1.62E-06	1.46E-06	6.68E-07	1.06E-06	2.86E-08	6.90E-07	1.52E-07	2.19E-07	3.48E-07	6.13E-08	5.58E-07	2.06E-06
2543	493528.11	3860497.94	2.47E-03	2.66E-03	4.23E-03	8.53E-07	2.58E-06	1.49E-06	1.61E-06	1.46E-06	6.66E-07	1.06E-06	2.85E-08	6.88E-07	1.52E-07	2.19E-07	3.47E-07	6.11E-08	5.56E-07	2.05E-06
2544	493478.11	3860547.94	2.42E-03	2.61E-03	4.16E-03	8.38E-07	2.53E-06	1.46E-06	1.58E-06	1.43E-06	6.54E-07	1.04E-06	2.80E-08	6.76E-07	1.49E-07	2.15E-07	3.41E-07	6.00E-08	5.46E-07	2.01E-06
2545	493528.11	3860547.94	2.41E-03	2.61E-03	4.14E-03	8.35E-07	2.52E-06	1.46E-06	1.58E-06	1.43E-06	6.52E-07	1.04E-06	2.79E-08	6.74E-07	1.49E-07	2.14E-07	3.40E-07	5.98E-08	5.44E-07	2.01E-06
2546	493478.11	3860597.94	2.37E-03	2.56E-03	4.07E-03	8.20E-07	2.48E-06	1.43E-06	1.55E-06	1.40E-06	6.40E-07	1.02E-06	2.74E-08	6.61E-07	1.46E-07	2.10E-07	3.33E-07	5.87E-08	5.34E-07	1.97E-06
2547	493528.11	3860597.94	2.36E-03	2.55E-03	4.06E-03	8.18E-07	2.47E-06	1.43E-06	1.54E-06	1.40E-06	6.38E-07	1.02E-06	2.73E-08	6.60E-07	1.46E-07	2.10E-07	3.32E-07	5.86E-08	5.33E-07	1.97E-06
2548	493561.88	3860524.64	2.43E-03	2.63E-03	4.18E-03	8.42E-07	2.54E-06	1.47E-06	1.59E-06	1.44E-06	6.58E-07	1.05E-06	2.81E-08	6.79E-07	1.50E-07	2.16E-07	3.42E-07	6.03E-08	5.49E-07	2.02E-06
2549	493591.88	3860524.64	2.43E-03	2.62E-03	4.18E-03	8.41E-07	2.54E-06	1.47E-06	1.59E-06	1.44E-06	6.57E-07	1.04E-06	2.81E-08	6.79E-07	1.50E-07	2.16E-07	3.42E-07	6.03E-08	5.48E-07	2.02E-06
2550	493561.88	3860554.64	2.40E-03	2.59E-03	4.13E-03	8.32E-07	2.51E-06	1.45E-06	1.57E-06	1.42E-06	6.49E-07	1.03E-06	2.78E-08	6.71E-07	1.48E-07	2.13E-07	3.38E-07	5.96E-08	5.42E-07	2.00E-06
2551	493591.88	3860554.64	2.40E-03	2.59E-03	4.12E-03	8.31E-07	2.51E-06	1.45E-06	1.57E-06	1.42E-06	6.49E-07	1.03E-06	2.78E-08	6.70E-07	1.48E-07	2.13E-07	3.38E-07	5.95E-08	5.42E-07	2.00E-06
2552	492880.5	3860293.11	2.77E-03	2.99E-03	4.75E-03	9.58E-07	2.89E-06	1.67E-06	1.81E-06	1.64E-06	7.48E-07	1.19E-06	3.20E-08	7.73E-07	1.71E-07	2.45E-07	3.89E-07	6.86E-08	6.24E-07	2.30E-06
2553	492930.5	3860293.11	2.77E-03	2.99E-03	4.74E-03	9.57E-07	2.89E-06	1.67E-06	1.81E-06	1.64E-06	7.47E-07	1.19E-06	3.20E-08	7.72E-07	1.70E-07	2.45E-07	3.89E-07	6.86E-08	6.23E-07	2.30E-06
2554	492980.5	3860293.11	2.76E-03	2.98E-03	4.74E-03	9.56E-07	2.89E-06	1.67E-06	1.80E-06	1.64E-06	7.46E-07	1.19E-06	3.19E-08	7.71E-07	1.70E-07	2.45E-07	3.89E-07	6.85E-08	6.23E-07	2.30E-06
2555	493030.5	3860293.11	2.77E-03	2.99E-03	4.75E-03	9.57E-07	2.89E-06	1.67E-06	1.81E-06	1.64E-06	7.47E-07	1.19E-06	3.20E-08	7.72E-07	1.70E-07	2.45E-07	3.89E-07	6.86E-08	6.24E-07	2.30E-06
2556	493080.5	3860293.11	2.76E-03	2.99E-03	4.75E-03	9.57E-07	2.89E-06	1.67E-06	1.81E-06	1.64E-06	7.47E-07	1.19E-06	3.20E-08	7.72E-07	1.70E-07	2.45E-07	3.89E-07	6.86E-08	6.24E-07	2.30E-06
2557	493130.5	3860293.11	2.75E-03	2.97E-03	4.73E-03	9.53E-07	2.88E-06	1.67E-06	1.80E-06	1.63E-06	7.44E-07	1.18E-06	3.18E-08	7.69E-07	1.70E-07	2.44E-07	3.87E-07	6.83E-08	6.21E-07	2.29E-06
2558	493180.5	3860293.11	2.74E-03	2.96E-03	4.71E-03	9.49E-07	2.87E-06	1.66E-06	1.79E-06	1.62E-06	7.41E-07	1.18E-06	3.17E-08	7.66E-07	1.69E-07	2.43E-07	3.86E-07	6.80E-08	6.18E-07	2.28E-06
2559	493230.5	3860293.11	2.73E-03	2.95E-03	4.69E-03	9.46E-07	2.86E-06	1.65E-06	1.79E-06	1.62E-06	7.38E-07	1.17E-06	3.16E-08	7.63E-07	1.68E-07	2.42E-07	3.85E-07	6.78E-08	6.16E-07	2.27E-06
2560	493280.5	3860293.11	2.73E-03	2.95E-03	4.69E-03	9.45E-07	2.85E-06	1.65E-06	1.78E-06	1.62E-06	7.37E-07	1.17E-06	3.15E-08	7.62E-07	1.68E-07	2.42E-07	3.84E-07	6.77E-08	6.16E-07	2.27E-06
2561	493330.5	3860293.11	2.72E-03	2.94E-03	4.68E-03	9.42E-07	2.84E-06	1.65E-06	1.78E-06	1.61E-06	7.36E-07	1.17E-06	3.15E-08	7.60E-07	1.68E-07	2.41E-07	3.83E-07	6.75E-08	6.14E-07	2.27E-06
2562	493380.5	3860293.11	2.71E-03	2.93E-03	4.66E-03	9.39E-07	2.84E-06	1.64E-06	1.77E-06	1.61E-06	7.33E-07	1.17E-06	3.14E-08	7.58E-07	1.67E-07	2.41E-07	3.82E-07	6.73E-08	6.12E-07	2.26E-06
2563	492880.5	3860343.11	2.70E-03	2.92E-03	4.63E-03	9.35E-07	2.82E-06	1.63E-06	1.76E-06	1.60E-06	7.30E-07	1.16E-06	3.12E-08	7.54E-07	1.66E-07	2.40E-07	3.80E-07	6.70E-08	6.09E-07	2.25E-06
2564	492930.5	3860343.11	2.70E-03	2.91E-03	4.63E-03	9.34E-07	2.82E-06	1.63E-06	1.76E-06	1.60E-06	7.29E-07	1.16E-06	3.12E-08	7.54E-07	1.66E-07	2.39E-07	3.80E-07	6.69E-08	6.08E-07	2.25E-06
2565	492980.5	3860343.11	2.71E-03	2.92E-03	4.65E-03	9.37E-07	2.83E-06	1.64E-06	1.77E-06	1.60E-06	7.32E-07	1.16E-06	3.13E-08	7.56E-07	1.67E-07	2.40E-07	3.81E-07	6.71E-08	6.10E-07	2.25E-06
2566	493030.5	3860343.11	2.70E-03	2.92E-03	4.64E-03	9.35E-07	2.82E-06	1.64E-06	1.77E-06	1.60E-06	7.30E-07	1.16E-06	3.12E-08	7.55E-07	1.66E-07	2.40E-07	3.80E-07	6.70E-08	6.09E-07	2.25E-06
2567	493080.5	3860343.11	2.70E-03	2.92E-03	4.64E-03	9.36E-07	2.83E-06	1.64E-06	1.77E-06	1.60E-06	7.31E-07	1.16E-06	3.13E-08	7.55E-07	1.67E-07	2.40E-07	3.81E-07	6.71E-08	6.10E-07	2.25E-06
2568	493130.5	3860343.11	2.70E-03	2.91E-03	4.63E-03	9.33E-07	2.82E-06	1.63E-06	1.76E-06	1.60E-06	7.28E-07	1.16E-06	3.12E-08	7.53E-07	1.66E-07	2.39E-07	3.79E-07	6.69E-08	6.08E-07	2.24E-06
2569	493180.5	3860343.11	2.68E-03	2.90E-03	4.61E-03	9.29E-07	2.80E-06	1.62E-06	1.75E-06	1.59E-06	7.25E-07	1.15E-06	3.10E-08	7.49E-07	1.65E-07	2.38E-07	3.78E-07	6.65E-08	6.05E-07	2.23E-06
2570	493230.5	3860343.11	2.68E-03	2.89E-03	4.59E-03	9.26E-07	2.80E-06	1.62E-06	1.75E-06	1.58E-06	7.23E-07	1.15E-06	3.09E-08	7.47E-07	1.65E-07	2.37E-07	3.76E-07	6.63E-08	6.03E-07	2.23E-06
2571	493280.5	3860343.11	2.67E-03	2.89E-03	4.59E-03	9.25E-07	2.79E-06	1.62E-06	1.75E-06	1.58E-06	7.22E-07	1.15E-06	3.09E-08	7.46E-07	1.65E-07	2.37E-07	3.76E-07	6.63E-08	6.03E-07	2.22E-06
2572	493330.5	3860343.11	2.67E-03	2.88E-03	4.58E-03	9.23E-07	2.79E-06	1.61E-06	1.74E-06	1.58E-06	7.21E-07	1.15E-06	3.08E-08	7.45E-07	1.64E-07	2.37E-07	3.75E-07	6.61E-08	6.02E-07	2.22E-06
2573	493380.5	3860343.11	2.66E-03	2.87E-03	4.57E-03	9.21E-07	2.78E-06	1.61E-06	1.74E-06	1.58E-06	7.19E-07	1.14E-06	3.07E-08	7.43E-07	1.64E-07	2.36E-07	3.74E-07	6.60E-08	6.00E-07	2.21E-06
2574	492880.5	3860393.11	2.64E-03	2.85E-03	4.52E-03	9.13E-07	2.76E-06	1.60E-06	1.72E-06	1.56E-06	7.12E-07	1.13E-06	3.05E-08	7.36E-07	1.62E-07	2.34E-07	3.71E-07	6.54E-08	5.94E-07	2.19E-06
2575	492930.5	3860393.11	2.64E-03	2.85E-03	4.52E-03	9.13E-07	2.76E-06	1.60E-06	1.72E-06	1.56E-06	7.12E-07	1.13E-06	3.05E-08	7.36E-07	1.62E-07	2.34E-07	3.71E-07	6.54E-08	5.94E-07	2.19E-06
2576	492980.5	3860393.11	2.64E-03	2.85E-03	4.53E-03	9.14E-07	2.76E-06	1.60E-06	1.72E-06	1.56E-06	7.13E-07	1.13E-06	3.05E-08	7.37E-07	1.63E-07	2.34E-07	3.71E-07	6.55E-08	5.95E-07	2.20E-06
2577	493030.5	3860393.11	2.64E-03	2.85E-03	4.53E-03	9.14E-07	2.76E-06	1.60E-06	1.72E-06	1.56E-06	7.13E-07	1.13E-06	3.05E-08	7.37E-07	1.63E-07	2.34E-07	3.71E-07	6.55E-08	5.95E-07	2.20E-06
2578	493080.5	3860393.11	2.64E-03	2.86E-03	4.54E-03	9.15E-07	2.76E-06	1.60E-06	1.73E-06	1.57E-06	7.15E-07	1.14E-06	3.06E-08	7.38E-07	1.63E-07	2.35E-07	3.72E-07	6.56E-08	5.96E-07	2.20E-06
2579	493130.5	3860393.11	2.64E-03	2.85E-03	4.52E-03	9.12E-07	2.75E-06	1.59E-06	1.72E-06	1.56E-06	7.12E-07	1.13E-06	3.05E-08	7.36E-07	1.62E-07	2.34E-07	3.71E-07	6.54E-08	5.94E-07	2.19E-06
2580	493180.5	3860393.11	2.62E-03	2.83E-03	4.50E-03	9.08E-07	2.74E-06	1.59E-06	1.71E-06	1.55E-06	7.09E-07	1.13E-06	3.03E-08	7.32E-07	1.62E-07	2.33E-07	3.69E-07	6.50E-08	5.91E-07	2.18E-06
2581	493230.5	3860393.11	2.62E-03	2.83E-03	4.49E-03	9.06E-07	2.74E-06	1.58E-06	1.71E-06	1.55E-06	7.07E-07	1.12E-06	3.03E-08	7.31E-07	1.61E-07	2.32E-07	3.68E-07	6.49E-08	5.90E-07	2.18E-06
2582	493280.5	3860393.11	2.62E-03	2.82E-03	4.49E-03	9.06E-07	2.73E-06	1.58E-06	1.71E-06	1.55E-06	7.07E-07	1.12E-06	3.02E-08	7.31E-07	1.61E-07	2.32E-07	3.68E-07	6.49E-08	5.90E-07	2.18E-06
2583	493330.5	3860393.11	2.61E-03	2.82E-03	4.49E-03	9.04E-07	2.73E-06	1.58E-06	1.71E-06	1.55E-06	7.06E-07	1.12E-06	3.02E-08	7.29E-07	1.61E-07	2.32E-07	3.68E-07	6.48E-08	5.89E-07	2.17E-06
2584	493380.5	3860393.11	2.61E-03	2.81E-03	4.48E-03	9.02E-07	2.72E-06	1.58E-06	1.70E-06	1.54E-06	7.04E-07	1.12E-06	3.01E-08	7.28E-07	1.61E-07	2.31E-07	3.67E-07	6.46E-08	5.88E-07	2.17E-06
2585	492880.5	3860443.11	2.57E-03	2.78E-03	4.41E-03	8.91E-07	2.69E-06	1.56E-06	1.68E-06	1.52E-06	6.95E-07	1.10E-06	2.98E-08	7.19E-07	1.59E-07	2.28E-07	3.62E-07	6.38E-08	5.80E-07	2.14E-06
2586	492930.5	3860443.11	2.57E-03	2.78E-03	4.41E-03	8.90E-07	2.69E-06	1.56E-06	1.68E-06	1.52E-06	6.95E-07	1.10E-06	2.97E-08	7.18E-07	1.58E-07	2.28E-07	3.62E-07	6.37E-08	5.79E-07	2.14E-06
2587	492980.5	3860443.11	2.57E-03	2.78E-03	4.42E-03	8.91E-07	2.69E-06	1.56E-06	1.68E-06	1.52E-06	6.96E-07	1.11E-06	2.98E-08	7.19E-07	1.59E-07	2.28E-07	3.62E-07	6.38E-08	5.80E-07	2.14E-06
2588	493030.5	3860443.11	2.58E-03	2.78E-03	4.42E-03	8.92E-07	2.69E-06	1.56E-06	1.68E-06	1.53E-06	6.96E-07	1.11E-06	2.98E-08	7.19E-07	1.59E-07	2.28E-07	3.62E-07	6.39E-08	5.81E-07	2.14E-06
2589	493080.5	3860443.11	2.57E-03	2.78E-03	4.42E-03	8.91E-07	2.69E-06	1.56E-06	1.68E-06	1.52E-06	6.95E-07	1.11E-06	2.97E-08	7.19E-07	1.59E-07	2.28E-07	3.62E-07	6.38E-08	5.80E-07	2.14E-06
2590	493130.5	3860443.11	2.57E-03	2.78E-03	4.41E-03	8.90E-07	2.69E-06	1.56E-06	1.68E-06	1.52E-06	6.95E-07	1.10E-06	2.97E-08	7.18E-07	1.58E-07	2.28E-07	3.62E-07	6.37E-08	5.79E-07	2.14E-06
2591	493180.5	3860443.11	2.56E-03	2.76E-03	4.39E-03	8.86E-07	2.68E-06	1.55E-06	1.67E-06	1.52E-06	6.92E-07	1.10E-06	2.96E-08	7.15E-07	1.58E-07	2.27E-07	3.60E-07	6.35E-08	5.77E-07	2.13E-06
2592	493230.5	3860443.11	2.56E-03	2.77E-03	4.40E-03	8.87E-07	2.68E-06	1.55E-06	1.67E-06	1.52E-06	6.92E-07	1.10E-06	2.96E-08	7.15E-07	1.58E-07	2.27E-07	3.60E-07	6.35E-08	5.78E-07	2.13E-06
2593	493280.5	3860443.11	2.56E-03	2.76E-03	4.39E-03	8.86E-07	2.67E-06	1.55E-06	1.67E-06	1.52E-06	6.92E-07	1.10E-06	2.96E-08	7.15E-07	1.58E-07	2.27E-07	3.60E-07	6.35E-08	5.77E-07	2.13E-06
2594	493330.5	3860443.11	2.56E-03	2.76E-03	4.39E-03	8.86E-07	2.67E-06	1.55E-06	1.67E-06	1.52E-06	6.91E-07	1.10E-06	2.96E-08	7.14E-07	1.58E-07	2.27E-07	3.60E-07	6.34E-08	5.77E-07	2.13E-06
2595	493380.5	3860443.11	2.55E-03	2.75E-03	4.38E-03	8.83E-07	2.67E-06	1.54E-06	1.67E-06	1.51E-06	6.89E-07	1.10E-06	2.95E-08	7.12E-07	1.57E-07	2.26E-07	3.59E-07	6.33E-08	5.75E-07	2.12E-06
2596	493180.5	3860493.11	2.50E-03	2.70E-03	4.30E-03	8.67E-07	2.62E-06	1.52E-06	1.64E-06	1.48E-06	6.77E-07	1.08E-06	2.89E-08	6.99E-07	1.54E-07	2.22E-07	3.52E-07	6.21E-08	5.64E-07	2.08E-06
2597	493230.5	3860493.11	2.50E-03	2.70E-03	4.30E-03	8.67E-07	2.62E-06	1.51E-06	1.64E-06	1.48E-06	6.76E-07	1.08E-06	2.89E-08	6.99E-07	1.54E-07	2.22E-07	3.52E-07	6.21E-08	5.64E-07	2.08E-06
2598	493280.5	3860493.11	2.50E-03	2.70E-03	4.30E-03	8.66E-07	2.62E-06	1.51E-06	1.64E-06	1.48E-06	6.76E-07	1.08E-06	2.89E-08	6.99E-07	1.54E-07	2.22E-07	3.52E-07	6.21E-08	5.65E-07	2.08E-06
2599	493330.5	3860493.11	2.50E-03	2.70E-03	4.29E-03	8.66E-07	2.61E-06	1.51E-06	1.63E-06	1.48E-06	6.76E-07	1.07E-06	2.89E-08	6.98E-07	1.54E-07	2.22E-07	3.52E-07	6.20E-08	5.64E-07	2.08E-06
2600	493380.5	3860493.11	2.49E-03	2.69E-03	4.28E-03	8.63E-07	2.61E-06	1.51E-06	1.63E-06	1.48E-06	6.74E-07	1.07E-06	2.88E-08	6.96E-07	1.54E-07	2.21E-07	3.51E-07	6.18E-08	5.63E-07	2.08E-06
2601	493330.5	3860543.11	2.45E-03	2.64E-03	4.20E-03	8.47E-07	2.56E-06	1.48E-06	1.60E-06	1.45E-06	6.61E-07	1.05E-06	2.83E-08	6.83E-07	1.51E-07	2.17E-07	3.44E-07	6.07E-08	5.52E-07	2.04E-06
2602	493380.5	3860543.11	2.44E-03	2.63E-03	4.19E-03	8.44E-07	2.55E-06	1.48E-06	1.59E-06	1.44E-06	6.59E-07	1.05E-06	2.82E-08	6.81E-07	1.50E-07	2.16E-07	3.43E-07	6.05E-08	5.50E-07	2.03E-06
2603	494135.94	3860876.85	2.06E-03	2.22E-03	3.54E-03	7.13E-07	2.15E-06	1.25E-06	1.34E-06	1.22E-06	5.56E-07	8.85E-07	2.38E-08	5.75E-07	1.27E-07	1.83E-07	2.90E-07	5.11E-08	4.65E-07	1.71E-06
2604	494185.94	3860876.85	2.05E-03	2.22E-03	3.53E-03	7.11E-07	2.15E-06	1.24E-06	1.34E-06	1.22E-06	5.55E-07	8.84E-07	2.37E-08	5.74E-07	1.27E-07	1.82E-07	2.89E-07	5.10E-08	4.64E-07	1.71E-06
2605	494135.94	3860926.85	2.02E-03	2.18E-03	3.46E-03	6.98E-07	2.11E-06	1.22E-06	1.32E-06	1.19E-06	5.45E-07	8.67E-07	2.33E-08	5.63E-07	1.24E-07	1.79E-07	2.84E-07	5.00E-08	4.55E-07	1.68E-06
2606	494185.94	3860926.85	2.01E-03	2.17E-03	3.46E-03	6.97E-07	2.10E-06	1.22E-06	1.32E-06	1.19E-06	5.44E-07	8.66E-07	2.33E-08	5.62E-07	1.24E-07	1.79E-07	2.83E-07	4.99E-08	4.54E-07	1.68E-06
2607	494135.94	3860976.85	1.98E-03	2.13E-03	3.39E-03	6.84E-07	2.06E-06	1.20E-06	1.29E-06	1.17E-06	5.34E-07	8.49E-07	2.28E-08	5.52E-07	1.22E-07	1.75E-07	2.78E-07	4.90E-08	4.46E-07	1.64E-06
2608	494185.94	3860976.85	1.97E-03	2.13E-03	3.39E-03	6.83E-07	2.06E-06	1.19E-06	1.29E-06	1.17E-06	5.33E-07	8.48E-07	2.28E-08	5.51E-07	1.22E-07	1.75E-07	2.78E-07	4.89E-08	4.45E-07	1.64E-06
2609	494135.94	3861026.85	1.93E-03	2.09E-03	3.32E-03	6.69E-07	2.02E-06	1.17E-06	1.26E-06	1.15E-06	5.23E-07	8.31E-07	2.24E-08	5.40E-07	1.19E-07	1.72E-07	2.72E-07	4.80E-08	4.36E-07	1.61E-06
2610	494185.94	3861026.85	1.93E-03	2.09E-03	3.32E-03	6.69E-07	2.02E-06	1.17E-06	1.26E-06	1.14E-06	5.22E-07	8.31E-07	2.23E-08	5.40E-07	1.19E-07	1.71E-07	2.72E-07	4.79E-08	4.36E-07	1.61E-06
2611	494135.94	3861076.85	1.89E-03	2.04E-03	3.25E-03	6.56E-07	1.98E-06	1.15E-06	1.24E-06	1.12E-06	5.12E-07	8.14E-07	2.19E-08	5.29E-07	1.17E-07	1.68E-07	2.66E-07	4.70E-08	4.27E-07	1.58E-06
2612	494185.94	3861076.85	1.89E-03	2.04E-03	3.25E-03	6.55E-07	1.98E-06	1.15E-06	1.24E-06	1.12E-06	5.12E-07	8.14E-07	2.19E-08	5.29E-07	1.17E-07	1.68E-07	2.66E-07	4.69E-08	4.27E-07	1.58E-06
2613	490360.04	3858710.04	9.35E-03	1.01E-02	1.59E-02	3.24E-06	9.77E-06	5.66E-06	6.10E-06	5.53E-06	2.52E-06	3.97E-06	1.08E-07	2.61E-06	5.76E-07	8.28E-07	1.31E-06	2.32E-07	2.08E-06	7.75E-06
2614	490410.04	3858710.04	9.22E-03	9.94E-03	1.57E-02	3.19E-06	9.64E-06	5.58E-06	6.02E-06	5.45E-06	2.49E-06	3.92E-06	1.07E-07	2.58E-06	5.68E-07	8.17E-07	1.30E-06	2.28E-07	2.06E-06	7.65E-06
2615	490460.04	3858710.04	9.08E-03	9.80E-03	1.54E-02	3.14E-06	9.50E-06	5.50E-06	5.93E-06	5.37E-06	2.45E-06	3.87E-06	1.05E-07	2.54E-06	5.60E-07	8.05E-07	1.28E-06	2.25E-07	2.03E-06	7.54E-06
2616	490510.04	3858710.04	8.96E-03	9.66E-03	1.52E-02	3.10E-06	9.36E-06	5.42E-06	5.84E-06	5.30E-06	2.42E-06	3.81E-06	1.04E-07	2.50E-06	5.52E-07	7.93E-07	1.26E-06	2.22E-07	2.00E-06	7.43E-06
2617	490560.04	3858710.04	8.83E-03	9.53E-03	1.50E-02	3.06E-06	9.23E-06	5.34E-06	5.76E-06	5.23E-06	2.38E-06	3.77E-06	1.02E-07	2.47E-06	5.44E-07	7.83E-07	1.24E-06	2.19E-07	1.98E-06	7.33E-06
2618	490610.04	3858710.04	8.71E-03	9.39E-03	1.48E-02	3.01E-06	9.10E-06	5.27E-06	5.68E-06	5.15E-06	2.35E-06	3.72E-06	1.01E-07	2.43E-06	5.37E-07	7.72E-07	1.22E-06	2.16E-07	1.95E-06	7.23E-06

2619	490660.04	3858710.04	8.60E-03	9.28E-03	1.47E-02	2.98E-06	8.99E-06	5.20E-06	5.61E-06	5.09E-06	2.32E-06	3.67E-06	9.94E-08	2.40E-06	5.30E-07	7.62E-07	1.21E-06	2.13E-07	1.93E-06	7.14E-06
2620	490710.04	3858710.04	8.45E-03	9.11E-03	1.44E-02	2.92E-06	8.83E-06	5.11E-06	5.51E-06	5.00E-06	2.28E-06	3.61E-06	9.76E-08	2.36E-06	5.20E-07	7.49E-07	1.19E-06	2.09E-07	1.89E-06	7.01E-06
2621	490760.04	3858710.04	8.32E-03	8.98E-03	1.42E-02	2.88E-06	8.70E-06	5.04E-06	5.43E-06	4.93E-06	2.25E-06	3.56E-06	9.62E-08	2.32E-06	5.13E-07	7.38E-07	1.17E-06	2.06E-07	1.87E-06	6.91E-06
2622	490810.04	3858710.04	8.20E-03	8.85E-03	1.40E-02	2.84E-06	8.57E-06	4.96E-06	5.35E-06	4.85E-06	2.21E-06	3.51E-06	9.48E-08	2.29E-06	5.05E-07	7.27E-07	1.15E-06	2.03E-07	1.84E-06	6.81E-06
2623	490860.04	3858710.04	8.07E-03	8.71E-03	1.38E-02	2.79E-06	8.44E-06	4.88E-06	5.27E-06	4.78E-06	2.18E-06	3.45E-06	9.33E-08	2.25E-06	4.97E-07	7.15E-07	1.14E-06	2.00E-07	1.81E-06	6.71E-06
2624	490360.04	3858760.04	9.02E-03	9.72E-03	1.53E-02	3.12E-06	9.43E-06	5.46E-06	5.88E-06	5.33E-06	2.43E-06	3.82E-06	1.04E-07	2.52E-06	5.56E-07	7.99E-07	1.27E-06	2.23E-07	2.01E-06	7.47E-06
2625	490410.04	3858760.04	8.90E-03	9.59E-03	1.51E-02	3.08E-06	9.30E-06	5.38E-06	5.80E-06	5.26E-06	2.40E-06	3.78E-06	1.03E-07	2.48E-06	5.48E-07	7.88E-07	1.25E-06	2.20E-07	1.98E-06	7.38E-06
2626	490460.04	3858760.04	8.77E-03	9.46E-03	1.49E-02	3.04E-06	9.17E-06	5.31E-06	5.72E-06	5.19E-06	2.37E-06	3.73E-06	1.01E-07	2.45E-06	5.41E-07	7.77E-07	1.23E-06	2.17E-07	1.96E-06	7.28E-06
2627	490510.04	3858760.04	8.65E-03	9.33E-03	1.47E-02	2.99E-06	9.04E-06	5.23E-06	5.64E-06	5.12E-06	2.33E-06	3.68E-06	1.00E-07	2.41E-06	5.33E-07	7.66E-07	1.22E-06	2.14E-07	1.93E-06	7.18E-06
2628	490560.04	3858760.04	8.53E-03	9.20E-03	1.45E-02	2.95E-06	8.92E-06	5.16E-06	5.57E-06	5.05E-06	2.30E-06	3.64E-06	9.86E-08	2.38E-06	5.26E-07	7.56E-07	1.20E-06	2.11E-07	1.91E-06	7.08E-06
2629	490610.04	3858760.04	8.41E-03	9.07E-03	1.43E-02	2.91E-06	8.79E-06	5.09E-06	5.49E-06	4.98E-06	2.27E-06	3.59E-06	9.72E-08	2.35E-06	5.18E-07	7.45E-07	1.18E-06	2.08E-07	1.88E-06	6.98E-06
2630	490660.04	3858760.04	8.27E-03	8.92E-03	1.41E-02	2.86E-06	8.64E-06	5.00E-06	5.40E-06	4.89E-06	2.23E-06	3.53E-06	9.56E-08	2.31E-06	5.09E-07	7.33E-07	1.16E-06	2.05E-07	1.85E-06	6.86E-06
2631	490710.04	3858760.04	8.15E-03	8.79E-03	1.39E-02	2.82E-06	8.52E-06	4.93E-06	5.32E-06	4.82E-06	2.20E-06	3.48E-06	9.42E-08	2.28E-06	5.02E-07	7.22E-07	1.15E-06	2.02E-07	1.83E-06	6.77E-06
2632	490760.04	3858760.04	8.03E-03	8.66E-03	1.37E-02	2.78E-06	8.39E-06	4.86E-06	5.24E-06	4.75E-06	2.17E-06	3.43E-06	9.28E-08	2.24E-06	4.95E-07	7.12E-07	1.13E-06	1.99E-07	1.80E-06	6.67E-06
2633	490810.04	3858760.04	7.91E-03	8.53E-03	1.35E-02	2.74E-06	8.27E-06	4.78E-06	5.16E-06	4.68E-06	2.14E-06	3.38E-06	9.14E-08	2.21E-06	4.87E-07	7.01E-07	1.11E-06	1.96E-07	1.77E-06	6.57E-06
2634	490860.04	3858760.04	7.80E-03	8.41E-03	1.33E-02	2.70E-06	8.15E-06	4.72E-06	5.09E-06	4.61E-06	2.11E-06	3.34E-06	9.01E-08	2.18E-06	4.80E-07	6.91E-07	1.10E-06	1.93E-07	1.75E-06	6.48E-06
2635	490360.04	3858810.04	8.68E-03	9.36E-03	1.47E-02	3.01E-06	9.07E-06	5.25E-06	5.66E-06	5.13E-06	2.34E-06	3.68E-06	1.00E-07	2.42E-06	5.35E-07	7.69E-07	1.22E-06	2.15E-07	1.93E-06	7.19E-06
2636	490410.04	3858810.04	8.57E-03	9.24E-03	1.45E-02	2.97E-06	8.96E-06	5.19E-06	5.59E-06	5.07E-06	2.31E-06	3.64E-06	9.91E-08	2.39E-06	5.28E-07	7.59E-07	1.20E-06	2.12E-07	1.91E-06	7.10E-06
2637	490460.04	3858810.04	8.45E-03	9.12E-03	1.44E-02	2.93E-06	8.84E-06	5.12E-06	5.52E-06	5.00E-06	2.28E-06	3.59E-06	9.77E-08	2.36E-06	5.21E-07	7.49E-07	1.19E-06	2.09E-07	1.89E-06	7.01E-06
2638	490510.04	3858810.04	8.35E-03	9.00E-03	1.42E-02	2.89E-06	8.72E-06	5.05E-06	5.45E-06	4.94E-06	2.25E-06	3.55E-06	9.65E-08	2.33E-06	5.14E-07	7.39E-07	1.17E-06	2.07E-07	1.86E-06	6.92E-06
2639	490560.04	3858810.04	8.24E-03	8.88E-03	1.40E-02	2.85E-06	8.61E-06	4.98E-06	5.37E-06	4.87E-06	2.22E-06	3.51E-06	9.52E-08	2.30E-06	5.07E-07	7.30E-07	1.16E-06	2.04E-07	1.84E-06	6.84E-06
2640	490610.04	3858810.04	8.12E-03	8.76E-03	1.38E-02	2.81E-06	8.49E-06	4.91E-06	5.30E-06	4.80E-06	2.19E-06	3.46E-06	9.39E-08	2.27E-06	5.00E-07	7.20E-07	1.14E-06	2.01E-07	1.82E-06	6.74E-06
2641	490660.04	3858810.04	7.98E-03	8.60E-03	1.36E-02	2.76E-06	8.34E-06	4.83E-06	5.21E-06	4.72E-06	2.15E-06	3.40E-06	9.22E-08	2.23E-06	4.91E-07	7.07E-07	1.12E-06	1.98E-07	1.79E-06	6.62E-06
2642	490710.04	3858810.04	7.86E-03	8.48E-03	1.34E-02	2.72E-06	8.21E-06	4.76E-06	5.13E-06	4.65E-06	2.12E-06	3.36E-06	9.08E-08	2.19E-06	4.84E-07	6.96E-07	1.10E-06	1.95E-07	1.76E-06	6.53E-06
2643	490760.04	3858810.04	7.73E-03	8.34E-03	1.32E-02	2.68E-06	8.08E-06	4.68E-06	5.05E-06	4.57E-06	2.09E-06	3.30E-06	8.93E-08	2.16E-06	4.76E-07	6.85E-07	1.09E-06	1.92E-07	1.73E-06	6.42E-06
2644	490810.04	3858810.04	7.64E-03	8.24E-03	1.30E-02	2.64E-06	7.98E-06	4.62E-06	4.98E-06	4.52E-06	2.06E-06	3.27E-06	8.83E-08	2.13E-06	4.70E-07	6.77E-07	1.07E-06	1.89E-07	1.71E-06	6.34E-06
2645	490860.04	3858810.04	7.52E-03	8.11E-03	1.29E-02	2.60E-06	7.86E-06	4.55E-06	4.91E-06	4.45E-06	2.03E-06	3.22E-06	8.69E-08	2.10E-06	4.63E-07	6.66E-07	1.06E-06	1.86E-07	1.69E-06	6.25E-06
2646	490360.04	3858860.04	8.34E-03	8.99E-03	1.41E-02	2.89E-06	8.72E-06	5.05E-06	5.44E-06	4.93E-06	2.25E-06	3.54E-06	9.64E-08	2.33E-06	5.14E-07	7.39E-07	1.17E-06	2.07E-07	1.86E-06	6.91E-06
2647	490410.04	3858860.04	8.25E-03	8.89E-03	1.40E-02	2.85E-06	8.62E-06	4.99E-06	5.38E-06	4.88E-06	2.22E-06	3.50E-06	9.53E-08	2.30E-06	5.08E-07	7.30E-07	1.16E-06	2.04E-07	1.84E-06	6.83E-06
2648	490460.04	3858860.04	8.14E-03	8.77E-03	1.38E-02	2.82E-06	8.50E-06	4.92E-06	5.31E-06	4.81E-06	2.20E-06	3.46E-06	9.40E-08	2.27E-06	5.01E-07	7.21E-07	1.14E-06	2.01E-07	1.81E-06	6.75E-06
2649	490510.04	3858860.04	8.04E-03	8.67E-03	1.37E-02	2.78E-06	8.41E-06	4.87E-06	5.25E-06	4.76E-06	2.17E-06	3.42E-06	9.30E-08	2.25E-06	4.96E-07	7.13E-07	1.13E-06	1.99E-07	1.80E-06	6.67E-06
2650	490560.04	3858860.04	7.94E-03	8.56E-03	1.35E-02	2.75E-06	8.30E-06	4.80E-06	5.18E-06	4.70E-06	2.14E-06	3.38E-06	9.18E-08	2.22E-06	4.89E-07	7.03E-07	1.12E-06	1.97E-07	1.77E-06	6.59E-06
2651	490610.04	3858860.04	7.79E-03	8.40E-03	1.33E-02	2.70E-06	8.14E-06	4.71E-06	5.08E-06	4.61E-06	2.10E-06	3.32E-06	9.00E-08	2.17E-06	4.80E-07	6.90E-07	1.09E-06	1.93E-07	1.74E-06	6.46E-06
2652	490660.04	3858860.04	7.68E-03	8.29E-03	1.31E-02	2.66E-06	8.03E-06	4.65E-06	5.01E-06	4.55E-06	2.07E-06	3.28E-06	8.88E-08	2.15E-06	4.73E-07	6.81E-07	1.08E-06	1.90E-07	1.72E-06	6.38E-06
2653	490710.04	3858860.04	7.59E-03	8.19E-03	1.29E-02	2.63E-06	7.93E-06	4.59E-06	4.95E-06	4.49E-06	2.05E-06	3.24E-06	8.77E-08	2.12E-06	4.68E-07	6.72E-07	1.07E-06	1.88E-07	1.70E-06	6.30E-06
2654	490760.04	3858860.04	7.47E-03	8.06E-03	1.27E-02	2.58E-06	7.80E-06	4.52E-06	4.87E-06	4.42E-06	2.02E-06	3.19E-06	8.63E-08	2.09E-06	4.60E-07	6.62E-07	1.05E-06	1.85E-07	1.67E-06	6.20E-06
2655	490810.04	3858860.04	7.35E-03	7.93E-03	1.26E-02	2.54E-06	7.68E-06	4.45E-06	4.80E-06	4.35E-06	1.99E-06	3.14E-06	8.50E-08	2.05E-06	4.53E-07	6.52E-07	1.03E-06	1.82E-07	1.65E-06	6.11E-06
2656	490860.04	3858860.04	7.23E-03	7.80E-03	1.24E-02	2.50E-06	7.56E-06	4.37E-06	4.72E-06	4.28E-06	1.95E-06	3.10E-06	8.36E-08	2.02E-06	4.45E-07	6.41E-07	1.02E-06	1.79E-07	1.62E-06	6.01E-06
2657	490360.04	3858910.04	8.02E-03	8.64E-03	1.36E-02	2.78E-06	8.38E-06	4.85E-06	5.23E-06	4.74E-06	2.16E-06	3.40E-06	9.27E-08	2.24E-06	4.94E-07	7.10E-07	1.13E-06	1.98E-07	1.78E-06	6.64E-06
2658	490410.04	3858910.04	7.93E-03	8.55E-03	1.34E-02	2.74E-06	8.29E-06	4.80E-06	5.17E-06	4.69E-06	2.14E-06	3.36E-06	9.16E-08	2.21E-06	4.88E-07	7.02E-07	1.11E-06	1.96E-07	1.76E-06	6.57E-06
2659	490460.04	3858910.04	7.83E-03	8.45E-03	1.33E-02	2.71E-06	8.19E-06	4.74E-06	5.11E-06	4.63E-06	2.11E-06	3.33E-06	9.05E-08	2.19E-06	4.83E-07	6.94E-07	1.10E-06	1.94E-07	1.75E-06	6.50E-06
2660	490510.04	3858910.04	7.74E-03	8.34E-03	1.31E-02	2.68E-06	8.09E-06	4.68E-06	5.05E-06	4.58E-06	2.09E-06	3.29E-06	8.94E-08	2.16E-06	4.77E-07	6.85E-07	1.09E-06	1.92E-07	1.73E-06	6.42E-06
2661	490560.04	3858910.04	7.64E-03	8.24E-03	1.30E-02	2.64E-06	7.98E-06	4.62E-06	4.98E-06	4.52E-06	2.06E-06	3.25E-06	8.83E-08	2.13E-06	4.71E-07	6.77E-07	1.07E-06	1.89E-07	1.71E-06	6.34E-06
2662	490610.04	3858910.04	7.50E-03	8.09E-03	1.28E-02	2.60E-06	7.84E-06	4.54E-06	4.89E-06	4.43E-06	2.02E-06	3.19E-06	8.67E-08	2.09E-06	4.62E-07	6.64E-07	1.05E-06	1.86E-07	1.68E-06	6.22E-06
2663	490660.04	3858910.04	7.40E-03	7.98E-03	1.26E-02	2.56E-06	7.73E-06	4.48E-06	4.83E-06	4.38E-06	2.00E-06	3.15E-06	8.55E-08	2.07E-06	4.56E-07	6.56E-07	1.04E-06	1.83E-07	1.66E-06	6.14E-06
2664	490710.04	3858910.04	7.29E-03	7.86E-03	1.24E-02	2.52E-06	7.62E-06	4.41E-06	4.76E-06	4.31E-06	1.97E-06	3.11E-06	8.43E-08	2.04E-06	4.49E-07	6.46E-07	1.02E-06	1.81E-07	1.63E-06	6.05E-06
2665	490760.04	3858910.04	7.17E-03	7.74E-03	1.22E-02	2.48E-06	7.49E-06	4.34E-06	4.68E-06	4.24E-06	1.94E-06	3.06E-06	8.29E-08	2.00E-06	4.42E-07	6.36E-07	1.01E-06	1.78E-07	1.61E-06	5.96E-06
2666	490810.04	3858910.04	7.07E-03	7.63E-03	1.21E-02	2.45E-06	7.39E-06	4.28E-06	4.62E-06	4.18E-06	1.91E-06	3.02E-06	8.17E-08	1.97E-06	4.36E-07	6.27E-07	9.94E-07	1.75E-07	1.59E-06	5.87E-06
2667	490860.04	3858910.04	6.95E-03	7.50E-03	1.19E-02	2.40E-06	7.26E-06	4.20E-06	4.54E-06	4.11E-06	1.88E-06	2.97E-06	8.03E-08	1.94E-06	4.28E-07	6.16E-07	9.77E-07	1.72E-07	1.56E-06	5.77E-06
2668	490360.04	3858960.04	7.70E-03	8.29E-03	1.30E-02	2.66E-06	8.04E-06	4.66E-06	5.02E-06	4.55E-06	2.08E-06	3.26E-06	8.90E-08	2.15E-06	4.74E-07	6.81E-07	1.08E-06	1.90E-07	1.71E-06	6.38E-06
2669	490410.04	3858960.04	7.61E-03	8.20E-03	1.29E-02	2.63E-06	7.95E-06	4.60E-06	4.96E-06	4.50E-06	2.05E-06	3.23E-06	8.80E-08	2.12E-06	4.69E-07	6.74E-07	1.07E-06	1.88E-07	1.69E-06	6.31E-06
2670	490460.04	3858960.04	7.52E-03	8.11E-03	1.28E-02	2.60E-06	7.86E-06	4.55E-06	4.91E-06	4.45E-06	2.03E-06	3.19E-06	8.69E-08	2.10E-06	4.63E-07	6.66E-07	1.06E-06	1.86E-07	1.68E-06	6.24E-06
2671	490510.04	3858960.04	7.43E-03	8.01E-03	1.26E-02	2.57E-06	7.77E-06	4.50E-06	4.85E-06	4.40E-06	2.01E-06	3.16E-06	8.59E-08	2.07E-06	4.58E-07	6.58E-07	1.04E-06	1.84E-07	1.66E-06	6.16E-06
2672	490560.04	3858960.04	7.31E-03	7.88E-03	1.24E-02	2.53E-06	7.64E-06	4.42E-06	4.77E-06	4.32E-06	1.97E-06	3.11E-06	8.45E-08	2.04E-06	4.50E-07	6.47E-07	1.03E-06	1.81E-07	1.63E-06	6.06E-06
2673	490610.04	3858960.04	7.20E-03	7.76E-03	1.23E-02	2.49E-06	7.52E-06	4.35E-06	4.70E-06	4.26E-06	1.94E-06	3.07E-06	8.32E-08	2.01E-06	4.43E-07	6.38E-07	1.01E-06	1.78E-07	1.61E-06	5.97E-06
2674	490660.04	3858960.04	7.12E-03	7.68E-03	1.21E-02	2.46E-06	7.44E-06	4.31E-06	4.65E-06	4.21E-06	1.92E-06	3.04E-06	8.23E-08	1.99E-06	4.39E-07	6.31E-07	1.00E-06	1.76E-07	1.59E-06	5.91E-06
2675	490710.04	3858960.04	7.01E-03	7.56E-03	1.20E-02	2.43E-06	7.32E-06	4.24E-06	4.57E-06	4.15E-06	1.89E-06	2.99E-06	8.10E-08	1.96E-06	4.32E-07	6.21E-07	9.85E-07	1.74E-07	1.57E-06	5.82E-06
2676	490760.04	3858960.04	6.90E-03	7.44E-03	1.18E-02	2.39E-06	7.21E-06	4.17E-06	4.50E-06	4.08E-06	1.86E-06	2.95E-06	7.97E-08	1.93E-06	4.25E-07	6.12E-07	9.70E-07	1.71E-07	1.55E-06	5.73E-06
2677	490810.04	3858960.04	6.79E-03	7.33E-03	1.16E-02	2.35E-06	7.10E-06	4.11E-06	4.43E-06	4.02E-06	1.83E-06	2.90E-06	7.85E-08	1.90E-06	4.18E-07	6.02E-07	9.55E-07	1.68E-07	1.52E-06	5.64E-06
2678	490860.04	3858960.04	6.66E-03	7.19E-03	1.14E-02	2.31E-06	6.96E-06	4.03E-06	4.35E-06	3.94E-06	1.80E-06	2.85E-06	7.70E-08	1.86E-06	4.11E-07	5.91E-07	9.37E-07	1.65E-07	1.50E-06	5.54E-06
2679	490360.04	3859010.04	7.38E-03	7.96E-03	1.25E-02	2.56E-06	7.71E-06	4.47E-06	4.81E-06	4.36E-06	1.99E-06	3.13E-06	8.53E-08	2.06E-06	4.55E-07	6.54E-07	1.04E-06	1.83E-07	1.64E-06	6.12E-06
2680	490410.04	3859010.04	7.30E-03	7.87E-03	1.24E-02	2.53E-06	7.63E-06	4.42E-06	4.76E-06	4.32E-06	1.97E-06	3.10E-06	8.44E-08	2.04E-06	4.50E-07	6.47E-07	1.03E-06	1.81E-07	1.63E-06	6.05E-06
2681	490460.04	3859010.04	7.21E-03	7.78E-03	1.22E-02	2.50E-06	7.54E-06	4.36E-06	4.70E-06	4.26E-06	1.95E-06	3.07E-06	8.34E-08	2.01E-06	4.44E-07	6.39E-07	1.01E-06	1.79E-07	1.61E-06	5.98E-06
2682	490510.04	3859010.04	7.08E-03	7.64E-03	1.20E-02	2.45E-06	7.40E-06	4.28E-06	4.62E-06	4.19E-06	1.91E-06	3.01E-06	8.19E-08	1.98E-06	4.36E-07	6.27E-07	9.95E-07	1.75E-07	1.58E-06	5.87E-06
2683	490560.04	3859010.04	7.00E-03	7.55E-03	1.19E-02	2.42E-06	7.32E-06	4.24E-06	4.57E-06	4.14E-06	1.89E-06	2.98E-06	8.10E-08	1.96E-06	4.32E-07	6.21E-07	9.84E-07	1.74E-07	1.56E-06	5.81E-06
2684	490610.04	3859010.04	6.90E-03	7.44E-03	1.18E-02	2.39E-06	7.21E-06	4.18E-06	4.50E-06	4.08E-06	1.86E-06	2.94E-06	7.98E-08	1.93E-06	4.25E-07	6.12E-07	9.70E-07	1.71E-07	1.54E-06	5.73E-06
2685	490660.04	3859010.04	6.83E-03	7.37E-03	1.16E-02	2.37E-06	7.14E-06	4.13E-06	4.46E-06	4.04E-06	1.84E-06	2.91E-06	7.90E-08	1.91E-06	4.21E-07	6.05E-07	9.60E-07	1.69E-07	1.53E-06	5.67E-06
2686	490710.04	3859010.04	6.72E-03	7.25E-03	1.15E-02	2.33E-06	7.03E-06	4.07E-06	4.39E-06	3.98E-06	1.81E-06	2.87E-06	7.77E-08	1.88E-06	4.14E-07	5.96E-07	9.45E-07	1.67E-07	1.51E-06	5.58E-06
2687	490760.04	3859010.04	6.62E-03	7.14E-03	1.13E-02	2.29E-06	6.91E-06	4.00E-06	4.32E-06	3.92E-06	1.79E-06	2.83E-06	7.65E-08	1.85E-06	4.08E-07	5.86E-07	9.30E-07	1.64E-07	1.48E-06	5.50E-06
2688	490810.04	3859010.04	6.50E-03	7.02E-03	1.11E-02	2.25E-06	6.80E-06	3.94E-06	4.25E-06	3.85E-06	1.76E-06	2.78E-06	7.52E-08	1.82E-06	4.01E-07	5.77E-07	9.15E-07	1.61E-07	1.46E-06	5.41E-06
2689	490860.04	3859010.04	6.40E-03	6.90E-03	1.10E-02	2.21E-06	6.69E-06	3.87E-06	4.18E-06	3.79E-06	1.73E-06	2.74E-06	7.39E-08	1.79E-06	3.94E-07	5.67E-07	9.00E-07	1.59E-07	1.44E-06	5.32E-06
2690	490360.04	3859060.04	7.07E-03	7.62E-03	1.20E-02	2.45E-06	7.39E-06	4.28E-06	4.61E-06	4.18E-06	1.91E-06	3.00E-06	8.18E-08	1.98E-06	4.36E-07	6.26E-07	9.94E-07	1.75E-07	1.57E-06	5.86E-06
2691	490410.04	3859060.04	6.99E-03	7.54E-03	1.19E-02	2.42E-06	7.31E-06	4.23E-06	4.56E-06	4.13E-06	1.89E-06	2.97E-06	8.08E-08	1.95E-06	4.31E-07	6.19E-07	9.82E-07	1.73E-07	1.56E-06	5.80E-06
2692	490460.04	3859060.04	6.91E-03	7.45E-03	1.17E-02	2.39E-06	7.22E-06	4.18E-06	4.51E-06	4.09E-06	1.87E-06	2.94E-06	7.99E-08	1.93E-06	4.26E-07	6.12E-07	9.71E-07	1.71E-07	1.54E-06	5.73E-06
2693	490510.04	3859060.04	6.79E-03	7.32E-03	1.15E-02	2.35E-06	7.10E-06	4.11E-06	4.43E-06	4.02E-06	1.83E-06	2.89E-06	7.85E-08	1.90E-06	4.18E-07	6.02E-07	9.55E-07	1.68E-07	1.52E-06	5.63E-06
2694	490560.04	3859060.04	6.69E-03	7.22E-03	1.14E-02	2.32E-06	7.00E-06	4.05E-06	4.37E-06	3.96E-06	1.81E-06	2.85E-06	7.74E-08	1.87E-06	4.12E-07	5.93E-07	9.41E-07	1.66E-07	1.50E-06	5.56E-06
2695	490610.04	3859060.04	6.62E-03	7.14E-03	1.13E-02	2.29E-06	6.92E-06	4.00E-06	4.32E-06	3.92E-06	1.79E-06	2.82E-06	7.65E-08	1.85E-06	4.08E-07	5.86E-07	9.30E-07	1.64E-07	1.48E-06	5.49E-06
2696	490660.04	3859060.04	6.54E-03	7.06E-03	1.12E-02	2.26E-06	6.84E-06	3.96E-06	4.27E-06	3.87E-06	1.77E-06	2.79E-06	7.56E-08	1.83E-06	4.03E-07	5.80E-07	9.20E-07	1.62E-07	1.47E-06	5.43E-06
2697	490710.04	3859060.04	6.43E-03	6.94E-03	1.10E-02	2.23E-06	6.73E-06	3.89E-06	4.20E-06	3.81E-06	1.74E-06	2.75E-06	7.44E-08	1.80E-06	3.96E-07	5.70E-07	9.05E-07	1.59E-07	1.44E-06	5.34E-06
2698	490760.04	3859060.04	6.33E-03	6.83E-03	1.08E-02	2.19E-06	6.62E-06	3.83E-06	4.13E-06	3.75E-06	1.71E-06	2.71E-06	7.32E-08	1.77E-06	3.90E-07	5.61E-07	8.90E-07	1.57E-07	1.42E-06	5.26E-06
2699	490810.04	3859060.04	6.22E-03	6.71E-03	1.06E-02	2.15E-06	6.50E-06	3.76E-06	4.06E-06	3.68E-06	1.68E-06	2.66E-06	7.19E-08	1.74E-06	3.83E-07	5.51E-07	8.75E-07	1.54E-07	1.40E-06	5.17E-06
2700	490860.04	3859060.04	6.11E-03	6.60E-03	1.05E-02	2.12E-06	6.39E-06	3.70E-06	3.99E-06	3.62E-06	1.65E-06	2.62E-06	7.07E-08	1.71E-06	3.77E-07	5.42E-07	8.60E-07	1.52E-07	1.38E-06	5.08E-06
2701	490360.04	3859110.04	6.78E-03	7.31E-03	1.15E-02	2.35E-06	7.09E-06	4.10E-06	4.42E-06	4.01E-06	1.83E-06	2.88E-06	7.84E-08	1.89E-06	4.18E-07	6.01E-07	9.53E-07	1.68E-07	1.51E-06	5.62E-06
2702	490410.04	3859110.04	6.71E-03	7.23E-03	1.14E-02	2.32E-06	7.01E-06	4.06E-06	4.38E-06	3.97E-06	1.81E-06	2.85E-06	7.75E-08	1.87E-06	4.13E-07	5.94E-07	9.43E-07	1.66E-07	1.50E-06	5.56E-06
2703	490460.04	3859110.04	6.64E-03	7.16E-03	1.13E-02	2.30E-06	6.94E-06	4.02E-06	4.33E-06	3.93E-06	1.79E-06	2.83E-06	7.68E-08	1.85E-06	4.09E-07	5.88E-07	9.34E-07	1.65E-07	1.48E-06	5.51E-06
2704	490510.04	3859110.04	6.50E-03	7.01E-03	1.11E-02	2.25E-06	6.79E-06	3.93E-06	4.24E-06	3.84E-06	1.75E-06	2.77E-06	7.51E-08	1.81E-06	4.00E-07	5.76E-07	9.13E-07	1.61E-07	1.45E-06	5.39E-06
2705	490560.04	3859110.04	6.42E-03	6.92E-03	1.09E-02	2.22E-06	6.71E-06	3.88E-06	4.19E-06	3.80E-06	1.73E-06	2.73E-06	7.42E-08	1.79E-06	3.95E-07	5.68E-07	9.02E-07	1.59E-07	1.43E-06	5.32E-06
2706	490610.04	3859110.04	6.32E-03	6.82E-03	1.08E-02	2.19E-06	6.61E-06	3.83E-06	4.13E-06	3.74E-06	1.71E-06	2.70E-06	7.31E-08	1.77E-06	3.90E-07	5.60E-07	8.89E-07	1.57E-07	1.42E-06	5.25E-06
2707	490660.04	3859110.04	6.22E-03	6.71E-03	1.06E-02	2.15E-06	6.50E-06	3.76E-06	4.06E-06	3.68E-06	1.68E-06	2.66E-06	7.18E-08	1.74E-06	3.83E-07	5.51E-07	8.74E-07	1.54E-07	1.39E-06	5.16E-06
2708	490710.04	3859110.04	6.14E-03	6.62E-03	1.05E-02	2.13E-06	6.42E-06	3.71E-06	4.01E-06	3.63E-06	1.66E-06	2.63E-06	7.10E-08	1.71E-06	3.78E-07	5.44E-07	8.63E-07	1.52E-07	1.38E-06	5.10E-06
2709	490760.04	3859110.04	6.04E-03	6.52E-03	1.03E-02	2.09E-06	6.32E-06	3.66E-06	3.95E-06	3.58E-06	1.63E-06	2.59E-06	6.99E-08	1.69E-06	3.72E-07	5.36E-07	8.50E-07	1.50E-07	1.36E-06	5.02E-06
2710	490810.04	3859110.04	5.93E-03	6.40E-03	1.02E-02	2.05E-06	6.20E-06	3.59E-06	3.87E-06	3.51E-06	1.60E-06	2.54E-06	6.85E-08	1.66E-06	3.65E-07	5.26E-07	8.34E-07	1.47E-07	1.33E-06	4.93E-06
2711	490860.04	3859110.04	5.81E-03	6.27E-03	9.96E-03	2.01E-06	6.07E-06	3.52E-06	3.80E-06	3.44E-06	1.57E-06	2.49E-06	6.72E-08	1.62E-06	3.58E-07	5.15E-07	8.17E-07	1.44E-07	1.31E-06	4.83E-06
2712	490360.04	3859160.04	6.51E-03	7.01E-03	1.10E-02	2.25E-06	6.80E-06	3.94E-06	4.24E-06	3.85E-06	1.76E-06	2.76E-06	7.52E-08	1.82E-06	4.01E-07	5.76E-07	9.14E-07	1.61E-07	1.45E-06	5.39E-06
2713	490410.04	3859160.04	6.44E-03	6.95E-03	1.09E-02	2.23E-06	6.73E-06	3.90E-06	4.20E-06	3.81E-06	1.74E-06	2.74E-06	7.45E-08	1.80E-06	3.97E-07	5.71E-07	9.05E-07	1.60E-07	1.44E-06	5.34E-06
2714	490460.04	3859160.04	6.38E-03	6.88E-03	1.08E-02	2.21E-06	6.67E-06	3.86E-06	4.16E-06	3.77E-06	1.72E-06	2.71E-06	7.37E-08	1.78E-06	3.93E-07	5.65E-07	8.96E-07	1.58E-07	1.42E-06	5.29E-06
2715	490510.04	3859160.04	6.26E-03	6.76E-03	1.07E-02	2.17E-06	6.55E-06	3.79E-06	4.09E-06	3.71E-06	1.69E-06	2.67E-06	7.24E-08	1.75E-06	3.86E-07	5.55E-07	8.80E-07	1.55E-07	1.40E-06	5.20E-06
2716	490560.04	3859160.04	6.16E-03	6.65E-03	1.05E-02	2.13E-06	6.44E-06	3.73E-06	4.02E-06	3.65E-06	1.66E-06	2.63E-06	7.13E-08	1.72E-06	3.80E-07	5.46E-07	8.66E-07	1.53E-07	1.38E-06	5.12E-06
2717	490610.04	3859160.04	6.09E-03	6.57E-03	1.04E-02	2.11E-06	6.36E-06	3.68E-06	3.97E-06	3.60E-06	1.64E-06	2.60E-06	7.04E-08	1.70E-06	3.75E-07	5.39E-07	8.56E-07	1.51E-07	1.36E-06	5.05E-06
2718	490660.04	3859160.04	5.94E-03	6.41E-03	1.01E-02	2.06E-06	6.21E-06	3.59E-06	3.88E-06	3.51E-06	1.60E-06	2.54E-06	6.86E-08	1.66E-06	3.66E-07	5.26E-07	8.35E-07	1.47E-07	1.33E-06	4.93E-06
2719	490710.04	3859160.04	5.86E-03	6.32E-03	1.00E-02	2.03E-06	6.12E-06	3.55E-06	3.83E-06	3.47E-06	1.58E-06	2.51E-06	6.77E-08	1.64E-06	3.61E-07	5.19E-07	8.24E-07	1.45E-07	1.32E-06	4.87E-06
2720	490760.04	3859160.04	5.73E-03	6.18E-03	9.81E-03	1.98E-06	5.99E-06	3.47E-06	3.74E-06	3.39E-06	1.55E-06	2.45E-06	6.62E-08	1.60E-06	3.53E-07	5.08E-07	8.05E-07	1.42E-07	1.29E-06	4.76E-06
2721	490810.04	3859160.04	5.64E-03	6.09E-03	9.67E-03	1.95E-06	5.90E-06	3.41E-06	3.68E-06	3.34E-06	1.52E-06	2.42E-06	6.52E-08	1.58E-06	3.48E-07	5.00E-07	7.94E-07	1.40E-07	1.27E-06	4.69E-06
2722	490860.04	3859160.04	5.55E-03	5.99E-03	9.51E-03	1.92E-06	5.80E-06	3.36E-06	3.62E-06	3.28E-06	1.50E-06	2.38E-06	6.41E-08	1.55E-06	3.42E-07	4.92E-07	7.80E-07	1.38E-07	1.25E-06	4.61E-06
2723	490360.04	3859210.04	6.24E-03	6.73E-03	1.06E-02	2.16E-06	6.52E-06	3.78E-06	4.07E-06	3.69E-06	1.68E-06	2.65E-06	7.21E-08	1.74E-06	3.84E-07	5.53E-07	8.76E-07	1.54E-07	1.39E-06	5.17E-06

2724	490410.04	3859210.04	6.20E-03	6.68E-03	1.05E-02	2.14E-06	6.48E-06	3.75E-06	4.04E-06	3.66E-06	1.67E-06	2.63E-06	7.16E-08	1.73E-06	3.82E-07	5.49E-07	8.71E-07	1.53E-07	1.38E-06	5.14E-06
2725	490460.04	3859210.04	6.12E-03	6.61E-03	1.04E-02	2.12E-06	6.40E-06	3.71E-06	4.00E-06	3.62E-06	1.65E-06	2.61E-06	7.08E-08	1.71E-06	3.77E-07	5.43E-07	8.61E-07	1.52E-07	1.37E-06	5.08E-06
2726	490510.04	3859210.04	6.02E-03	6.49E-03	1.02E-02	2.08E-06	6.29E-06	3.64E-06	3.93E-06	3.56E-06	1.62E-06	2.56E-06	6.96E-08	1.68E-06	3.71E-07	5.33E-07	8.46E-07	1.49E-07	1.34E-06	4.99E-06
2727	490560.04	3859210.04	5.95E-03	6.42E-03	1.01E-02	2.06E-06	6.22E-06	3.60E-06	3.88E-06	3.52E-06	1.61E-06	2.54E-06	6.88E-08	1.66E-06	3.67E-07	5.27E-07	8.37E-07	1.47E-07	1.33E-06	4.94E-06
2728	490610.04	3859210.04	5.87E-03	6.33E-03	1.00E-02	2.03E-06	6.13E-06	3.55E-06	3.83E-06	3.47E-06	1.58E-06	2.50E-06	6.78E-08	1.64E-06	3.61E-07	5.20E-07	8.25E-07	1.45E-07	1.31E-06	4.87E-06
2729	490660.04	3859210.04	5.74E-03	6.19E-03	9.81E-03	1.99E-06	6.00E-06	3.47E-06	3.75E-06	3.40E-06	1.55E-06	2.45E-06	6.64E-08	1.60E-06	3.54E-07	5.09E-07	8.07E-07	1.42E-07	1.29E-06	4.77E-06
2730	490710.04	3859210.04	5.65E-03	6.10E-03	9.67E-03	1.96E-06	5.91E-06	3.42E-06	3.69E-06	3.35E-06	1.53E-06	2.42E-06	6.54E-08	1.58E-06	3.48E-07	5.01E-07	7.95E-07	1.40E-07	1.27E-06	4.70E-06
2731	490760.04	3859210.04	5.52E-03	5.96E-03	9.45E-03	1.91E-06	5.77E-06	3.34E-06	3.61E-06	3.27E-06	1.49E-06	2.37E-06	6.38E-08	1.54E-06	3.40E-07	4.89E-07	7.77E-07	1.37E-07	1.24E-06	4.59E-06
2732	490810.04	3859210.04	5.48E-03	5.92E-03	9.39E-03	1.90E-06	5.73E-06	3.32E-06	3.58E-06	3.25E-06	1.48E-06	2.35E-06	6.34E-08	1.53E-06	3.38E-07	4.86E-07	7.71E-07	1.36E-07	1.23E-06	4.56E-06
2733	490860.04	3859210.04	5.44E-03	5.87E-03	9.32E-03	1.88E-06	5.69E-06	3.29E-06	3.55E-06	3.22E-06	1.47E-06	2.33E-06	6.29E-08	1.52E-06	3.35E-07	4.82E-07	7.65E-07	1.35E-07	1.22E-06	4.52E-06
2734	490360.04	3859260.04	5.98E-03	6.45E-03	1.01E-02	2.07E-06	6.25E-06	3.62E-06	3.90E-06	3.54E-06	1.61E-06	2.54E-06	6.91E-08	1.67E-06	3.68E-07	5.30E-07	8.40E-07	1.48E-07	1.33E-06	4.96E-06
2735	490410.04	3859260.04	5.94E-03	6.40E-03	1.01E-02	2.06E-06	6.21E-06	3.59E-06	3.88E-06	3.51E-06	1.60E-06	2.52E-06	6.87E-08	1.66E-06	3.66E-07	5.26E-07	8.35E-07	1.47E-07	1.33E-06	4.93E-06
2736	490460.04	3859260.04	5.90E-03	6.36E-03	1.00E-02	2.04E-06	6.17E-06	3.57E-06	3.85E-06	3.49E-06	1.59E-06	2.51E-06	6.82E-08	1.65E-06	3.64E-07	5.23E-07	8.29E-07	1.46E-07	1.32E-06	4.90E-06
2737	490510.04	3859260.04	5.86E-03	6.32E-03	9.97E-03	2.03E-06	6.12E-06	3.55E-06	3.82E-06	3.47E-06	1.58E-06	2.50E-06	6.77E-08	1.64E-06	3.61E-07	5.19E-07	8.24E-07	1.45E-07	1.31E-06	4.86E-06
2738	490560.04	3859260.04	5.77E-03	6.22E-03	9.82E-03	2.00E-06	6.03E-06	3.49E-06	3.76E-06	3.41E-06	1.56E-06	2.46E-06	6.67E-08	1.61E-06	3.55E-07	5.11E-07	8.11E-07	1.43E-07	1.29E-06	4.79E-06
2739	490610.04	3859260.04	5.67E-03	6.12E-03	9.67E-03	1.96E-06	5.93E-06	3.43E-06	3.70E-06	3.36E-06	1.53E-06	2.42E-06	6.56E-08	1.58E-06	3.49E-07	5.03E-07	7.97E-07	1.41E-07	1.27E-06	4.71E-06
2740	490660.04	3859260.04	5.63E-03	6.08E-03	9.61E-03	1.95E-06	5.89E-06	3.41E-06	3.68E-06	3.33E-06	1.52E-06	2.41E-06	6.51E-08	1.57E-06	3.47E-07	4.99E-07	7.92E-07	1.40E-07	1.26E-06	4.68E-06
2741	490710.04	3859260.04	5.57E-03	6.01E-03	9.51E-03	1.93E-06	5.82E-06	3.37E-06	3.64E-06	3.30E-06	1.50E-06	2.38E-06	6.44E-08	1.56E-06	3.43E-07	4.94E-07	7.83E-07	1.38E-07	1.25E-06	4.63E-06
2742	490760.04	3859260.04	5.45E-03	5.89E-03	9.33E-03	1.89E-06	5.70E-06	3.30E-06	3.56E-06	3.23E-06	1.47E-06	2.33E-06	6.30E-08	1.52E-06	3.36E-07	4.84E-07	7.67E-07	1.35E-07	1.23E-06	4.53E-06
2743	490810.04	3859260.04	5.41E-03	5.83E-03	9.25E-03	1.87E-06	5.65E-06	3.27E-06	3.53E-06	3.20E-06	1.46E-06	2.31E-06	6.25E-08	1.51E-06	3.33E-07	4.79E-07	7.60E-07	1.34E-07	1.21E-06	4.49E-06
2744	490860.04	3859260.04	5.36E-03	5.78E-03	9.17E-03	1.85E-06	5.60E-06	3.24E-06	3.50E-06	3.17E-06	1.45E-06	2.29E-06	6.19E-08	1.50E-06	3.30E-07	4.75E-07	7.53E-07	1.33E-07	1.20E-06	4.45E-06
2745	490360.04	3859310.04	5.74E-03	6.18E-03	9.73E-03	1.99E-06	5.99E-06	3.47E-06	3.74E-06	3.39E-06	1.55E-06	2.43E-06	6.63E-08	1.60E-06	3.53E-07	5.08E-07	8.06E-07	1.42E-07	1.28E-06	4.75E-06
2746	490410.04	3859310.04	5.71E-03	6.15E-03	9.69E-03	1.98E-06	5.97E-06	3.45E-06	3.72E-06	3.38E-06	1.54E-06	2.43E-06	6.60E-08	1.59E-06	3.52E-07	5.06E-07	8.02E-07	1.41E-07	1.27E-06	4.73E-06
2747	490460.04	3859310.04	5.68E-03	6.12E-03	9.65E-03	1.96E-06	5.93E-06	3.43E-06	3.70E-06	3.36E-06	1.53E-06	2.41E-06	6.56E-08	1.58E-06	3.50E-07	5.03E-07	7.98E-07	1.41E-07	1.27E-06	4.71E-06
2748	490510.04	3859310.04	5.64E-03	6.09E-03	9.60E-03	1.95E-06	5.90E-06	3.42E-06	3.68E-06	3.34E-06	1.52E-06	2.40E-06	6.52E-08	1.58E-06	3.48E-07	5.00E-07	7.93E-07	1.40E-07	1.26E-06	4.68E-06
2749	490560.04	3859310.04	5.61E-03	6.05E-03	9.55E-03	1.94E-06	5.86E-06	3.39E-06	3.66E-06	3.32E-06	1.51E-06	2.39E-06	6.48E-08	1.57E-06	3.46E-07	4.97E-07	7.89E-07	1.39E-07	1.25E-06	4.66E-06
2750	490610.04	3859310.04	5.58E-03	6.02E-03	9.50E-03	1.93E-06	5.83E-06	3.37E-06	3.64E-06	3.30E-06	1.51E-06	2.38E-06	6.45E-08	1.56E-06	3.44E-07	4.94E-07	7.84E-07	1.38E-07	1.25E-06	4.63E-06
2751	490660.04	3859310.04	5.50E-03	5.93E-03	9.37E-03	1.90E-06	5.75E-06	3.33E-06	3.59E-06	3.25E-06	1.48E-06	2.35E-06	6.36E-08	1.54E-06	3.39E-07	4.87E-07	7.73E-07	1.36E-07	1.23E-06	4.57E-06
2752	490710.04	3859310.04	5.41E-03	5.84E-03	9.24E-03	1.87E-06	5.66E-06	3.27E-06	3.53E-06	3.20E-06	1.46E-06	2.31E-06	6.26E-08	1.51E-06	3.33E-07	4.80E-07	7.61E-07	1.34E-07	1.21E-06	4.50E-06
2753	490760.04	3859310.04	5.35E-03	5.77E-03	9.14E-03	1.85E-06	5.59E-06	3.24E-06	3.49E-06	3.17E-06	1.44E-06	2.29E-06	6.18E-08	1.49E-06	3.30E-07	4.74E-07	7.52E-07	1.33E-07	1.20E-06	4.44E-06
2754	490810.04	3859310.04	5.30E-03	5.72E-03	9.07E-03	1.84E-06	5.54E-06	3.21E-06	3.46E-06	3.14E-06	1.43E-06	2.27E-06	6.13E-08	1.48E-06	3.27E-07	4.70E-07	7.46E-07	1.31E-07	1.19E-06	4.41E-06
2755	490860.04	3859310.04	5.24E-03	5.66E-03	8.96E-03	1.81E-06	5.48E-06	3.17E-06	3.42E-06	3.10E-06	1.42E-06	2.24E-06	6.06E-08	1.46E-06	3.23E-07	4.65E-07	7.37E-07	1.30E-07	1.18E-06	4.36E-06
2756	490360.04	3859360.04	5.50E-03	5.93E-03	9.32E-03	1.90E-06	5.75E-06	3.33E-06	3.59E-06	3.25E-06	1.48E-06	2.33E-06	6.35E-08	1.54E-06	3.39E-07	4.87E-07	7.72E-07	1.36E-07	1.22E-06	4.56E-06
2757	490410.04	3859360.04	5.48E-03	5.91E-03	9.30E-03	1.90E-06	5.73E-06	3.32E-06	3.58E-06	3.24E-06	1.48E-06	2.33E-06	6.34E-08	1.53E-06	3.38E-07	4.85E-07	7.70E-07	1.36E-07	1.22E-06	4.54E-06
2758	490460.04	3859360.04	5.46E-03	5.89E-03	9.28E-03	1.89E-06	5.71E-06	3.31E-06	3.56E-06	3.23E-06	1.47E-06	2.32E-06	6.31E-08	1.53E-06	3.37E-07	4.84E-07	7.68E-07	1.35E-07	1.22E-06	4.53E-06
2759	490510.04	3859360.04	5.44E-03	5.87E-03	9.25E-03	1.88E-06	5.69E-06	3.29E-06	3.55E-06	3.22E-06	1.47E-06	2.32E-06	6.29E-08	1.52E-06	3.35E-07	4.82E-07	7.65E-07	1.35E-07	1.22E-06	4.51E-06
2760	490560.04	3859360.04	5.41E-03	5.84E-03	9.21E-03	1.87E-06	5.66E-06	3.27E-06	3.53E-06	3.20E-06	1.46E-06	2.31E-06	6.26E-08	1.51E-06	3.33E-07	4.80E-07	7.61E-07	1.34E-07	1.21E-06	4.49E-06
2761	490610.04	3859360.04	5.38E-03	5.80E-03	9.16E-03	1.86E-06	5.62E-06	3.25E-06	3.51E-06	3.18E-06	1.45E-06	2.29E-06	6.22E-08	1.50E-06	3.31E-07	4.77E-07	7.56E-07	1.33E-07	1.20E-06	4.47E-06
2762	490660.04	3859360.04	5.35E-03	5.77E-03	9.12E-03	1.85E-06	5.59E-06	3.24E-06	3.49E-06	3.16E-06	1.44E-06	2.28E-06	6.18E-08	1.49E-06	3.29E-07	4.74E-07	7.52E-07	1.32E-07	1.20E-06	4.44E-06
2763	490710.04	3859360.04	5.27E-03	5.69E-03	8.99E-03	1.82E-06	5.51E-06	3.19E-06	3.44E-06	3.12E-06	1.42E-06	2.25E-06	6.09E-08	1.47E-06	3.25E-07	4.67E-07	7.41E-07	1.31E-07	1.18E-06	4.38E-06
2764	490760.04	3859360.04	5.21E-03	5.62E-03	8.89E-03	1.80E-06	5.44E-06	3.15E-06	3.40E-06	3.08E-06	1.41E-06	2.23E-06	6.02E-08	1.45E-06	3.21E-07	4.62E-07	7.32E-07	1.29E-07	1.17E-06	4.33E-06
2765	490810.04	3859360.04	5.18E-03	5.59E-03	8.85E-03	1.79E-06	5.42E-06	3.14E-06	3.38E-06	3.07E-06	1.40E-06	2.21E-06	5.99E-08	1.45E-06	3.19E-07	4.59E-07	7.29E-07	1.28E-07	1.16E-06	4.30E-06
2766	490860.04	3859360.04	5.13E-03	5.54E-03	8.77E-03	1.78E-06	5.37E-06	3.11E-06	3.35E-06	3.04E-06	1.39E-06	2.20E-06	5.93E-08	1.43E-06	3.16E-07	4.55E-07	7.22E-07	1.27E-07	1.15E-06	4.27E-06
2767	490360.04	3859410.04	5.26E-03	5.67E-03	8.92E-03	1.82E-06	5.50E-06	3.18E-06	3.43E-06	3.11E-06	1.42E-06	2.23E-06	6.08E-08	1.47E-06	3.24E-07	4.66E-07	7.39E-07	1.30E-07	1.17E-06	4.36E-06
2768	490410.04	3859410.04	5.25E-03	5.66E-03	8.91E-03	1.82E-06	5.49E-06	3.18E-06	3.43E-06	3.11E-06	1.42E-06	2.23E-06	6.07E-08	1.47E-06	3.24E-07	4.65E-07	7.38E-07	1.30E-07	1.17E-06	4.36E-06
2769	490460.04	3859410.04	5.24E-03	5.65E-03	8.90E-03	1.82E-06	5.48E-06	3.17E-06	3.42E-06	3.10E-06	1.42E-06	2.23E-06	6.06E-08	1.46E-06	3.23E-07	4.65E-07	7.37E-07	1.30E-07	1.17E-06	4.35E-06
2770	490510.04	3859410.04	5.23E-03	5.64E-03	8.89E-03	1.81E-06	5.47E-06	3.17E-06	3.41E-06	3.09E-06	1.41E-06	2.22E-06	6.05E-08	1.46E-06	3.22E-07	4.63E-07	7.35E-07	1.30E-07	1.17E-06	4.34E-06
2771	490560.04	3859410.04	5.22E-03	5.62E-03	8.87E-03	1.81E-06	5.45E-06	3.16E-06	3.40E-06	3.09E-06	1.41E-06	2.22E-06	6.03E-08	1.46E-06	3.21E-07	4.62E-07	7.33E-07	1.29E-07	1.16E-06	4.33E-06
2772	490610.04	3859410.04	5.20E-03	5.60E-03	8.84E-03	1.80E-06	5.43E-06	3.14E-06	3.39E-06	3.07E-06	1.40E-06	2.21E-06	6.01E-08	1.45E-06	3.20E-07	4.60E-07	7.30E-07	1.29E-07	1.16E-06	4.31E-06
2773	490660.04	3859410.04	5.17E-03	5.57E-03	8.80E-03	1.79E-06	5.40E-06	3.13E-06	3.37E-06	3.06E-06	1.39E-06	2.20E-06	5.97E-08	1.44E-06	3.18E-07	4.58E-07	7.26E-07	1.28E-07	1.16E-06	4.29E-06
2774	490710.04	3859410.04	5.14E-03	5.54E-03	8.76E-03	1.78E-06	5.37E-06	3.11E-06	3.35E-06	3.04E-06	1.39E-06	2.19E-06	5.94E-08	1.43E-06	3.16E-07	4.55E-07	7.22E-07	1.27E-07	1.15E-06	4.27E-06
2775	490760.04	3859410.04	5.07E-03	5.47E-03	8.64E-03	1.75E-06	5.30E-06	3.07E-06	3.31E-06	3.00E-06	1.37E-06	2.16E-06	5.86E-08	1.41E-06	3.12E-07	4.49E-07	7.12E-07	1.26E-07	1.14E-06	4.21E-06
2776	490810.04	3859410.04	5.04E-03	5.44E-03	8.60E-03	1.74E-06	5.27E-06	3.05E-06	3.29E-06	2.98E-06	1.36E-06	2.15E-06	5.82E-08	1.41E-06	3.10E-07	4.47E-07	7.08E-07	1.25E-07	1.13E-06	4.18E-06
2777	490860.04	3859410.04	5.02E-03	5.42E-03	8.57E-03	1.74E-06	5.25E-06	3.04E-06	3.28E-06	2.97E-06	1.36E-06	2.14E-06	5.80E-08	1.40E-06	3.09E-07	4.45E-07	7.06E-07	1.24E-07	1.13E-06	4.17E-06
2778	490360.04	3859460.04	5.03E-03	5.42E-03	8.52E-03	1.74E-06	5.26E-06	3.05E-06	3.28E-06	2.98E-06	1.36E-06	2.13E-06	5.82E-08	1.41E-06	3.10E-07	4.46E-07	7.07E-07	1.25E-07	1.12E-06	4.17E-06
2779	490410.04	3859460.04	5.03E-03	5.43E-03	8.53E-03	1.74E-06	5.26E-06	3.05E-06	3.28E-06	2.98E-06	1.36E-06	2.14E-06	5.82E-08	1.41E-06	3.10E-07	4.46E-07	7.07E-07	1.25E-07	1.12E-06	4.17E-06
2780	490460.04	3859460.04	5.03E-03	5.42E-03	8.53E-03	1.74E-06	5.26E-06	3.04E-06	3.28E-06	2.97E-06	1.36E-06	2.14E-06	5.81E-08	1.40E-06	3.10E-07	4.45E-07	7.07E-07	1.25E-07	1.12E-06	4.17E-06
2781	490510.04	3859460.04	5.02E-03	5.42E-03	8.53E-03	1.74E-06	5.25E-06	3.04E-06	3.28E-06	2.97E-06	1.36E-06	2.14E-06	5.81E-08	1.40E-06	3.10E-07	4.45E-07	7.06E-07	1.24E-07	1.12E-06	4.17E-06
2782	490560.04	3859460.04	5.01E-03	5.41E-03	8.52E-03	1.74E-06	5.24E-06	3.03E-06	3.27E-06	2.97E-06	1.35E-06	2.13E-06	5.80E-08	1.40E-06	3.09E-07	4.44E-07	7.05E-07	1.24E-07	1.12E-06	4.16E-06
2783	490610.04	3859460.04	5.00E-03	5.40E-03	8.51E-03	1.73E-06	5.23E-06	3.03E-06	3.26E-06	2.96E-06	1.35E-06	2.13E-06	5.78E-08	1.40E-06	3.08E-07	4.43E-07	7.03E-07	1.24E-07	1.12E-06	4.15E-06
2784	490660.04	3859460.04	4.99E-03	5.38E-03	8.49E-03	1.73E-06	5.21E-06	3.02E-06	3.25E-06	2.95E-06	1.35E-06	2.13E-06	5.76E-08	1.39E-06	3.07E-07	4.42E-07	7.01E-07	1.24E-07	1.12E-06	4.14E-06
2785	490710.04	3859460.04	4.97E-03	5.36E-03	8.47E-03	1.72E-06	5.19E-06	3.01E-06	3.24E-06	2.94E-06	1.34E-06	2.12E-06	5.74E-08	1.39E-06	3.06E-07	4.40E-07	6.98E-07	1.23E-07	1.11E-06	4.12E-06
2786	490760.04	3859460.04	4.94E-03	5.33E-03	8.43E-03	1.71E-06	5.17E-06	2.99E-06	3.23E-06	2.93E-06	1.34E-06	2.11E-06	5.72E-08	1.38E-06	3.05E-07	4.38E-07	6.95E-07	1.23E-07	1.11E-06	4.11E-06
2787	490810.04	3859460.04	4.92E-03	5.31E-03	8.40E-03	1.70E-06	5.14E-06	2.98E-06	3.21E-06	2.91E-06	1.33E-06	2.10E-06	5.69E-08	1.37E-06	3.03E-07	4.36E-07	6.92E-07	1.22E-07	1.10E-06	4.09E-06
2788	490860.04	3859460.04	4.90E-03	5.29E-03	8.37E-03	1.70E-06	5.12E-06	2.96E-06	3.20E-06	2.90E-06	1.32E-06	2.09E-06	5.66E-08	1.37E-06	3.02E-07	4.34E-07	6.89E-07	1.21E-07	1.10E-06	4.07E-06
2789	490360.04	3859510.04	4.81E-03	5.18E-03	8.14E-03	1.67E-06	5.03E-06	2.91E-06	3.14E-06	2.84E-06	1.30E-06	2.04E-06	5.56E-08	1.34E-06	2.96E-07	4.26E-07	6.76E-07	1.19E-07	1.07E-06	3.99E-06
2790	490410.04	3859510.04	4.81E-03	5.19E-03	8.16E-03	1.67E-06	5.03E-06	2.91E-06	3.14E-06	2.85E-06	1.30E-06	2.04E-06	5.57E-08	1.34E-06	2.97E-07	4.26E-07	6.76E-07	1.19E-07	1.07E-06	3.99E-06
2791	490460.04	3859510.04	4.82E-03	5.19E-03	8.17E-03	1.67E-06	5.04E-06	2.92E-06	3.14E-06	2.85E-06	1.30E-06	2.05E-06	5.57E-08	1.35E-06	2.97E-07	4.27E-07	6.77E-07	1.19E-07	1.07E-06	3.99E-06
2792	490510.04	3859510.04	4.82E-03	5.20E-03	8.18E-03	1.67E-06	5.04E-06	2.92E-06	3.14E-06	2.85E-06	1.30E-06	2.05E-06	5.57E-08	1.35E-06	2.97E-07	4.27E-07	6.77E-07	1.19E-07	1.07E-06	4.00E-06
2793	490560.04	3859510.04	4.82E-03	5.19E-03	8.18E-03	1.67E-06	5.03E-06	2.91E-06	3.14E-06	2.85E-06	1.30E-06	2.05E-06	5.57E-08	1.34E-06	2.97E-07	4.27E-07	6.77E-07	1.19E-07	1.07E-06	3.99E-06
2794	490610.04	3859510.04	4.81E-03	5.19E-03	8.18E-03	1.67E-06	5.03E-06	2.91E-06	3.14E-06	2.85E-06	1.30E-06	2.05E-06	5.56E-08	1.34E-06	2.96E-07	4.26E-07	6.76E-07	1.19E-07	1.07E-06	3.99E-06
2795	490660.04	3859510.04	4.80E-03	5.18E-03	8.17E-03	1.66E-06	5.02E-06	2.91E-06	3.13E-06	2.84E-06	1.30E-06	2.05E-06	5.55E-08	1.34E-06	2.96E-07	4.26E-07	6.75E-07	1.19E-07	1.07E-06	3.99E-06
2796	490710.04	3859510.04	4.79E-03	5.17E-03	8.16E-03	1.66E-06	5.01E-06	2.90E-06	3.13E-06	2.84E-06	1.29E-06	2.04E-06	5.54E-08	1.34E-06	2.95E-07	4.25E-07	6.74E-07	1.19E-07	1.07E-06	3.98E-06
2797	490760.04	3859510.04	4.78E-03	5.15E-03	8.14E-03	1.65E-06	4.99E-06	2.89E-06	3.12E-06	2.83E-06	1.29E-06	2.04E-06	5.52E-08	1.33E-06	2.94E-07	4.23E-07	6.72E-07	1.18E-07	1.07E-06	3.97E-06
2798	490810.04	3859510.04	4.76E-03	5.14E-03	8.12E-03	1.65E-06	4.98E-06	2.88E-06	3.11E-06	2.82E-06	1.29E-06	2.03E-06	5.50E-08	1.33E-06	2.93E-07	4.22E-07	6.69E-07	1.18E-07	1.07E-06	3.95E-06
2799	490860.04	3859510.04	4.74E-03	5.12E-03	8.09E-03	1.64E-06	4.96E-06	2.87E-06	3.10E-06	2.81E-06	1.28E-06	2.03E-06	5.48E-08	1.32E-06	2.92E-07	4.20E-07	6.67E-07	1.18E-07	1.06E-06	3.94E-06
2800	490360.04	3859560.04	4.59E-03	4.95E-03	7.77E-03	1.59E-06	4.80E-06	2.78E-06	2.99E-06	2.71E-06	1.24E-06	1.94E-06	5.31E-08	1.28E-06	2.83E-07	4.06E-07	6.45E-07	1.14E-07	1.02E-06	3.80E-06
2801	490410.04	3859560.04	4.60E-03	4.96E-03	7.79E-03	1.59E-06	4.81E-06	2.78E-06	3.00E-06	2.72E-06	1.24E-06	1.95E-06	5.32E-08	1.28E-06	2.84E-07	4.07E-07	6.46E-07	1.14E-07	1.02E-06	3.81E-06
2802	490460.04	3859560.04	4.61E-03	4.97E-03	7.82E-03	1.60E-06	4.82E-06	2.79E-06	3.01E-06	2.73E-06	1.24E-06	1.96E-06	5.33E-08	1.29E-06	2.84E-07	4.08E-07	6.48E-07	1.14E-07	1.03E-06	3.82E-06
2803	490510.04	3859560.04	4.62E-03	4.98E-03	7.84E-03	1.60E-06	4.83E-06	2.79E-06	3.01E-06	2.73E-06	1.25E-06	1.96E-06	5.34E-08	1.29E-06	2.85E-07	4.09E-07	6.49E-07	1.14E-07	1.03E-06	3.83E-06
2804	490560.04	3859560.04	4.62E-03	4.98E-03	7.85E-03	1.60E-06	4.83E-06	2.80E-06	3.01E-06	2.73E-06	1.25E-06	1.96E-06	5.34E-08	1.29E-06	2.85E-07	4.09E-07	6.49E-07	1.14E-07	1.03E-06	3.83E-06
2805	490610.04	3859560.04	4.62E-03	4.98E-03	7.85E-03	1.60E-06	4.83E-06	2.80E-06	3.02E-06	2.73E-06	1.25E-06	1.97E-06	5.34E-08	1.29E-06	2.85E-07	4.09E-07	6.49E-07	1.14E-07	1.03E-06	3.83E-06
2806	490660.04	3859560.04	4.62E-03	4.98E-03	7.86E-03	1.60E-06	4.83E-06	2.80E-06	3.01E-06	2.73E-06	1.25E-06	1.97E-06	5.34E-08	1.29E-06	2.85E-07	4.09E-07	6.49E-07	1.14E-07	1.03E-06	3.83E-06
2807	490710.04	3859560.04	4.62E-03	4.98E-03	7.86E-03	1.60E-06	4.83E-06	2.79E-06	3.01E-06	2.73E-06	1.25E-06	1.97E-06	5.34E-08	1.29E-06	2.84E-07	4.09E-07	6.49E-07	1.14E-07	1.03E-06	3.83E-06
2808	490760.04	3859560.04	4.61E-03	4.97E-03	7.85E-03	1.60E-06	4.82E-06	2.79E-06	3.01E-06	2.73E-06	1.24E-06	1.97E-06	5.33E-08	1.29E-06	2.84E-07	4.08E-07	6.48E-07	1.14E-07	1.03E-06	3.83E-06
2809	490810.04	3859560.04	4.60E-03	4.96E-03	7.84E-03	1.59E-06	4.81E-06	2.78E-06	3.00E-06	2.72E-06	1.24E-06	1.96E-06	5.32E-08	1.28E-06	2.83E-07	4.08E-07	6.46E-07	1.14E-07	1.03E-06	3.82E-06
2810	490860.04	3859560.04	4.58E-03	4.94E-03	7.82E-03	1.59E-06	4.79E-06	2.77E-06	2.99E-06	2.71E-06	1.24E-06	1.96E-06	5.30E-08	1.28E-06	2.82E-07	4.06E-07	6.44E-07	1.14E-07	1.03E-06	3.81E-06
2811	490187.25	3859422.08	5.20E-03	5.61E-03	8.79E-03	1.80E-06	5.44E-06	3.15E-06	3.39E-06	3.08E-06	1.40E-06	2.20E-06	6.02E-08	1.45E-06	3.21E-07	4.61E-07	7.31E-07	1.29E-07	1.15E-06	4.31E-06
2812	490237.25	3859422.08	5.21E-03	5.61E-03	8.80E-03	1.80E-06	5.44E-06	3.15E-06	3.40E-06	3.08E-06	1.40E-06	2.20E-06	6.02E-08	1.45E-06	3.21E-07	4.61E-07	7.31E-07	1.29E-07	1.16E-06	4.31E-06
2813	490287.25	3859422.08	5.21E-03	5.61E-03	8.81E-03	1.80E-06	5.45E-06	3.15E-06	3.40E-06	3.08E-06	1.41E-06	2.21E-06	6.02E-08	1.45E-06	3.21E-07	4.61E-07	7.32E-07	1.29E-07	1.16E-06	4.32E-06
2814	490337.25	3859422.08	5.21E-03	5.61E-03	8.82E-03	1.80E-06	5.44E-06	3.15E-06	3.40E-06	3.08E-06	1.41E-06	2.21E-06	6.02E-08	1.45E-06	3.21E-07	4.61E-07	7.32E-07	1.29E-07	1.16E-06	4.32E-06
2815	490187.25	3859472.08	4.96E-03	5.34E-03	8.37E-03	1.72E-06	5.18E-06	3.00E-06	3.23E-06	2.93E-06	1.34E-06	2.09E-06	5.73E-08	1.38E-06	3.05E-07	4.39E-07	6.96E-07	1.23E-07	1.10E-06	4.10E-06
2816	490237.25	3859472.08	4.96E-03	5.35E-03	8.39E-03	1.72E-06	5.19E-06	3.00E-06	3.24E-06	2.93E-06	1.34E-06	2.10E-06	5.74E-08	1.39E-06	3.06E-07	4.40E-07	6.97E-07	1.23E-07	1.10E-06	4.11E-06
2817	490287.25	3859472.08	4.98E-03	5.36E-03	8.42E-03	1.72E-06	5.20E-06	3.01E-06	3.24E-06	2.94E-06	1.34E-06	2.11E-06	5.75E-08	1.39E-06	3.07E-07	4.41E-07	6.99E-07	1.23E-07	1.11E-06	4.12E-06
2818	490337.25	3859472.08	4.98E-03	5.37E-03	8.43E-03	1.72E-06	5.20E-06	3.01E-06	3.25E-06	2.94E-06	1.34E-06	2.11E-06	5.75E-08	1.39E-06	3.07E-07	4.41E-07	6.99E-07	1.23E-07	1.11E-06	4.12E-06
2819	490297.07	3859500.42	4.85E-03	5.22E-03	8.20E-03	1.68E-06	5.06E-06	2.93E-06	3.16E-06	2.86E-06	1.31E-06	2.05E-06	5.60E-08	1.35E-06	2.99E-07	4.29E-07	6.81E-07	1.20E-07	1.08E-06	4.01E-06
2820	490327.07	3859500.42	4.85E-03	5.22E-03	8.20E-03	1.68E-06	5.07E-06	2.93E-06	3.16E-06	2.87E-06	1.31E-06	2.05E-06	5.60E-08	1.35E-06	2.99E-07	4.29E-07	6.81E-07	1.20E-07	1.08E-06	4.02E-06
2821	490297.07	3859530.42	4.70E-03	5.07E-03	7.96E-03	1.63E-06	4.92E-06	2.85E-06	3.07E-06	2.78E-06	1.27E-06	1.99E-06	5.44E-08	1.31E-06	2.90E-07	4.16E-07	6.61E-07	1.16E-07	1.05E-06	3.90E-06
2822	490327.07	3859530.42	4.71E-03	5.08E-03	7.97E-03	1.63E-06	4.93E-06	2.85E-06	3.07E-06	2.79E-06	1.27E-06	2.00E-06	5.45E-08	1.32E-06	2.90E-07	4.17E-07	6.62E-07	1.17E-07	1.05E-06	3.90E-06
2823	490319.73	3859055.34	7.16E-03	7.72E-03	1.21E-02	2.48E-06	7.48E-06	4.33E-06	4.67E-06	4.23E-06	1.93E-06	3.03E-06	8.28E-08	2.00E-06	4.41E-07	6.34E-07	1.01E-06	1.77E-07	1.59E-06	5.93E-06
2824	490319.73	3859105.34	6.86E-03	7.39E-03	1.16E-02	2.38E-06	7.17E-06	4.15E-06	4.47E-06	4.06E-06	1.85E-06	2.90E-06	7.93E-08	1.92E-06	4.23E-07	6.07E-07	9.64E-07	1.70E-07	1.52E-06	5.68E-06
2825	490069.73	3859155.34	6.77E-03	7.29E-03	1.14E-02	2.34E-06	7.08E-06	4.10E-06	4.41E-06	4.00E-06	1.82E-06	2.85E-06	7.83E-08	1.89E-06	4.17E-07	5.99E-07	9.50E-07	1.67E-07	1.50E-06	5.60E-06
2826	490119.73	3859155.34	6.73E-03	7.25E-03	1.13E-02	2.33E-06	7.04E-06	4.07E-06	4.39E-06	3.98E-06	1.81E-06	2.84E-06	7.78E-08	1.88E-06	4.15E-07	5.96E-07	9.45E-07	1.67E-07	1.49E-06	5.57E-06
2827	490269.73	3859155.34	6.62E-03	7.13E-03	1.12E-02	2.29E-06	6.92E-06	4.00E-06	4.31E-06	3.91E-06	1.78E-06	2.80E-06	7.65E-08	1.85E-06	4.08E-07	5.86E-07	9.29E-07	1.64E-07	1.47E-06	5.48E-06
2828	490319.73	3859155.34	6.57E-03	7.09E-03	1.11E-02	2.28E-06	6.87E-06	3.98E-06	4.29E-06	3.89E-06	1.77E-06	2.78E-06	7.60E-08	1.84E-06	4.05E-07	5.82E-07	9.23E-07	1.63E-07	1.46E-06	5.45E-06

2829	490069.73	3859205.34	6.44E-03	6.94E-03	1.08E-02	2.23E-06	6.73E-06	3.90E-06	4.20E-06	3.81E-06	1.74E-06	2.71E-06	7.45E-08	1.80E-06	3.97E-07	5.70E-07	9.04E-07	1.59E-07	1.42E-06	5.33E-06
2830	490119.73	3859205.34	6.41E-03	6.91E-03	1.08E-02	2.22E-06	6.70E-06	3.88E-06	4.18E-06	3.79E-06	1.73E-06	2.70E-06	7.41E-08	1.79E-06	3.95E-07	5.67E-07	9.00E-07	1.59E-07	1.42E-06	5.30E-06
2831	490169.73	3859205.34	6.39E-03	6.88E-03	1.08E-02	2.21E-06	6.67E-06	3.86E-06	4.16E-06	3.77E-06	1.72E-06	2.69E-06	7.38E-08	1.78E-06	3.93E-07	5.65E-07	8.96E-07	1.58E-07	1.41E-06	5.28E-06
2832	490219.73	3859205.34	6.36E-03	6.85E-03	1.07E-02	2.20E-06	6.65E-06	3.85E-06	4.15E-06	3.76E-06	1.72E-06	2.69E-06	7.35E-08	1.78E-06	3.92E-07	5.63E-07	8.93E-07	1.57E-07	1.41E-06	5.27E-06
2833	490269.73	3859205.34	6.33E-03	6.82E-03	1.07E-02	2.19E-06	6.62E-06	3.83E-06	4.13E-06	3.74E-06	1.71E-06	2.68E-06	7.32E-08	1.77E-06	3.90E-07	5.61E-07	8.89E-07	1.57E-07	1.41E-06	5.24E-06
2834	490319.73	3859205.34	6.30E-03	6.79E-03	1.07E-02	2.18E-06	6.58E-06	3.81E-06	4.11E-06	3.72E-06	1.70E-06	2.67E-06	7.28E-08	1.76E-06	3.88E-07	5.58E-07	8.84E-07	1.56E-07	1.40E-06	5.22E-06
2835	490069.73	3859255.34	6.14E-03	6.61E-03	1.03E-02	2.12E-06	6.41E-06	3.71E-06	4.00E-06	3.62E-06	1.65E-06	2.58E-06	7.09E-08	1.71E-06	3.78E-07	5.43E-07	8.61E-07	1.52E-07	1.36E-06	5.07E-06
2836	490119.73	3859255.34	6.11E-03	6.59E-03	1.03E-02	2.12E-06	6.39E-06	3.70E-06	3.98E-06	3.61E-06	1.65E-06	2.58E-06	7.07E-08	1.71E-06	3.77E-07	5.41E-07	8.58E-07	1.51E-07	1.35E-06	5.06E-06
2837	490169.73	3859255.34	6.09E-03	6.57E-03	1.03E-02	2.11E-06	6.37E-06	3.69E-06	3.97E-06	3.60E-06	1.64E-06	2.57E-06	7.05E-08	1.70E-06	3.76E-07	5.39E-07	8.56E-07	1.51E-07	1.35E-06	5.04E-06
2838	490219.73	3859255.34	6.08E-03	6.55E-03	1.03E-02	2.10E-06	6.35E-06	3.68E-06	3.96E-06	3.59E-06	1.64E-06	2.57E-06	7.03E-08	1.70E-06	3.75E-07	5.38E-07	8.54E-07	1.50E-07	1.35E-06	5.03E-06
2839	490269.73	3859255.34	6.06E-03	6.53E-03	1.02E-02	2.10E-06	6.33E-06	3.67E-06	3.95E-06	3.58E-06	1.63E-06	2.56E-06	7.00E-08	1.69E-06	3.73E-07	5.36E-07	8.51E-07	1.50E-07	1.35E-06	5.02E-06
2840	490319.73	3859255.34	6.03E-03	6.50E-03	1.02E-02	2.09E-06	6.30E-06	3.65E-06	3.93E-06	3.57E-06	1.63E-06	2.56E-06	6.97E-08	1.68E-06	3.72E-07	5.34E-07	8.47E-07	1.49E-07	1.34E-06	5.00E-06
2841	490069.73	3859305.34	5.84E-03	6.29E-03	9.84E-03	2.02E-06	6.11E-06	3.54E-06	3.81E-06	3.45E-06	1.58E-06	2.46E-06	6.75E-08	1.63E-06	3.60E-07	5.17E-07	8.20E-07	1.45E-07	1.29E-06	4.83E-06
2842	490119.73	3859305.34	5.83E-03	6.28E-03	9.82E-03	2.02E-06	6.09E-06	3.53E-06	3.80E-06	3.44E-06	1.57E-06	2.46E-06	6.74E-08	1.63E-06	3.59E-07	5.16E-07	8.18E-07	1.44E-07	1.29E-06	4.82E-06
2843	490169.73	3859305.34	5.82E-03	6.27E-03	9.81E-03	2.01E-06	6.08E-06	3.52E-06	3.79E-06	3.44E-06	1.57E-06	2.46E-06	6.72E-08	1.62E-06	3.58E-07	5.15E-07	8.17E-07	1.44E-07	1.29E-06	4.81E-06
2844	490219.73	3859305.34	5.81E-03	6.26E-03	9.81E-03	2.01E-06	6.07E-06	3.51E-06	3.79E-06	3.43E-06	1.57E-06	2.45E-06	6.71E-08	1.62E-06	3.58E-07	5.14E-07	8.15E-07	1.44E-07	1.29E-06	4.81E-06
2845	490269.73	3859305.34	5.79E-03	6.24E-03	9.80E-03	2.01E-06	6.05E-06	3.51E-06	3.78E-06	3.42E-06	1.56E-06	2.45E-06	6.70E-08	1.62E-06	3.57E-07	5.13E-07	8.14E-07	1.43E-07	1.29E-06	4.80E-06
2846	490319.73	3859305.34	5.78E-03	6.23E-03	9.78E-03	2.00E-06	6.04E-06	3.50E-06	3.77E-06	3.42E-06	1.56E-06	2.45E-06	6.68E-08	1.61E-06	3.56E-07	5.12E-07	8.11E-07	1.43E-07	1.29E-06	4.79E-06
2847	490069.73	3859355.34	5.56E-03	5.99E-03	9.36E-03	1.92E-06	5.81E-06	3.36E-06	3.62E-06	3.28E-06	1.50E-06	2.34E-06	6.42E-08	1.55E-06	3.42E-07	4.92E-07	7.80E-07	1.37E-07	1.23E-06	4.60E-06
2848	490119.73	3859355.34	5.55E-03	5.98E-03	9.36E-03	1.92E-06	5.80E-06	3.36E-06	3.62E-06	3.28E-06	1.50E-06	2.34E-06	6.42E-08	1.55E-06	3.42E-07	4.91E-07	7.79E-07	1.37E-07	1.23E-06	4.59E-06
2849	490169.73	3859355.34	5.55E-03	5.97E-03	9.36E-03	1.92E-06	5.80E-06	3.36E-06	3.62E-06	3.28E-06	1.50E-06	2.34E-06	6.41E-08	1.55E-06	3.42E-07	4.91E-07	7.79E-07	1.37E-07	1.23E-06	4.59E-06
2850	490219.73	3859355.34	5.54E-03	5.97E-03	9.37E-03	1.92E-06	5.79E-06	3.35E-06	3.61E-06	3.28E-06	1.49E-06	2.34E-06	6.41E-08	1.55E-06	3.42E-07	4.91E-07	7.78E-07	1.37E-07	1.23E-06	4.59E-06
2851	490269.73	3859355.34	5.54E-03	5.97E-03	9.36E-03	1.92E-06	5.79E-06	3.35E-06	3.61E-06	3.27E-06	1.49E-06	2.34E-06	6.40E-08	1.55E-06	3.41E-07	4.90E-07	7.78E-07	1.37E-07	1.23E-06	4.59E-06
2852	490319.73	3859355.34	5.53E-03	5.96E-03	9.36E-03	1.91E-06	5.78E-06	3.35E-06	3.61E-06	3.27E-06	1.49E-06	2.34E-06	6.39E-08	1.54E-06	3.41E-07	4.90E-07	7.77E-07	1.37E-07	1.23E-06	4.58E-06
2853	490069.73	3859405.34	5.28E-03	5.69E-03	8.90E-03	1.83E-06	5.52E-06	3.19E-06	3.44E-06	3.12E-06	1.42E-06	2.23E-06	6.10E-08	1.47E-06	3.25E-07	4.67E-07	7.41E-07	1.31E-07	1.17E-06	4.37E-06
2854	490119.73	3859405.34	5.28E-03	5.69E-03	8.91E-03	1.83E-06	5.52E-06	3.20E-06	3.44E-06	3.12E-06	1.42E-06	2.23E-06	6.11E-08	1.47E-06	3.25E-07	4.67E-07	7.42E-07	1.31E-07	1.17E-06	4.37E-06
2855	490169.73	3859405.34	5.29E-03	5.70E-03	8.92E-03	1.83E-06	5.53E-06	3.20E-06	3.45E-06	3.12E-06	1.43E-06	2.23E-06	6.11E-08	1.48E-06	3.26E-07	4.68E-07	7.42E-07	1.31E-07	1.17E-06	4.38E-06
2856	490219.73	3859405.34	5.29E-03	5.70E-03	8.94E-03	1.83E-06	5.53E-06	3.20E-06	3.45E-06	3.13E-06	1.43E-06	2.24E-06	6.11E-08	1.48E-06	3.26E-07	4.68E-07	7.43E-07	1.31E-07	1.17E-06	4.38E-06
2857	490269.73	3859405.34	5.29E-03	5.70E-03	8.95E-03	1.83E-06	5.53E-06	3.20E-06	3.45E-06	3.13E-06	1.43E-06	2.24E-06	6.12E-08	1.48E-06	3.26E-07	4.68E-07	7.43E-07	1.31E-07	1.18E-06	4.38E-06
2858	490319.73	3859405.34	5.29E-03	5.70E-03	8.96E-03	1.83E-06	5.53E-06	3.20E-06	3.45E-06	3.13E-06	1.43E-06	2.24E-06	6.11E-08	1.48E-06	3.26E-07	4.68E-07	7.43E-07	1.31E-07	1.18E-06	4.38E-06
2859	490161.89	3859541.83	4.61E-03	4.97E-03	7.79E-03	1.60E-06	4.82E-06	2.79E-06	3.01E-06	2.73E-06	1.24E-06	1.95E-06	5.33E-08	1.29E-06	2.84E-07	4.08E-07	6.48E-07	1.14E-07	1.02E-06	3.82E-06
2860	490171.89	3859541.83	4.62E-03	4.98E-03	7.80E-03	1.60E-06	4.83E-06	2.79E-06	3.01E-06	2.73E-06	1.25E-06	1.95E-06	5.34E-08	1.29E-06	2.85E-07	4.09E-07	6.48E-07	1.14E-07	1.02E-06	3.82E-06
2861	490161.89	3859551.83	4.57E-03	4.92E-03	7.72E-03	1.58E-06	4.77E-06	2.76E-06	2.98E-06	2.70E-06	1.23E-06	1.93E-06	5.28E-08	1.28E-06	2.81E-07	4.04E-07	6.41E-07	1.13E-07	1.01E-06	3.78E-06
2862	490171.89	3859551.83	4.57E-03	4.93E-03	7.72E-03	1.58E-06	4.78E-06	2.77E-06	2.98E-06	2.70E-06	1.23E-06	1.93E-06	5.28E-08	1.28E-06	2.82E-07	4.05E-07	6.42E-07	1.13E-07	1.01E-06	3.79E-06
2863	489799.72	3859348.21	5.58E-03	6.00E-03	9.36E-03	1.93E-06	5.83E-06	3.37E-06	3.63E-06	3.29E-06	1.50E-06	2.34E-06	6.45E-08	1.56E-06	3.44E-07	4.93E-07	7.82E-07	1.38E-07	1.23E-06	4.61E-06
2864	489819.72	3859348.21	5.58E-03	6.01E-03	9.36E-03	1.93E-06	5.83E-06	3.38E-06	3.64E-06	3.30E-06	1.50E-06	2.34E-06	6.45E-08	1.56E-06	3.44E-07	4.94E-07	7.83E-07	1.38E-07	1.23E-06	4.61E-06
2865	489799.72	3859368.21	5.45E-03	5.87E-03	9.15E-03	1.89E-06	5.69E-06	3.30E-06	3.55E-06	3.22E-06	1.47E-06	2.29E-06	6.30E-08	1.52E-06	3.36E-07	4.82E-07	7.65E-07	1.35E-07	1.20E-06	4.50E-06
2866	489819.72	3859368.21	5.46E-03	5.87E-03	9.16E-03	1.89E-06	5.70E-06	3.30E-06	3.55E-06	3.22E-06	1.47E-06	2.29E-06	6.31E-08	1.52E-06	3.36E-07	4.83E-07	7.66E-07	1.35E-07	1.20E-06	4.51E-06
2867	489775.41	3859329.72	5.69E-03	6.12E-03	9.53E-03	1.97E-06	5.95E-06	3.44E-06	3.70E-06	3.36E-06	1.53E-06	2.39E-06	6.57E-08	1.59E-06	3.50E-07	5.03E-07	7.98E-07	1.41E-07	1.25E-06	4.70E-06
2868	489795.41	3859329.72	5.69E-03	6.13E-03	9.54E-03	1.97E-06	5.95E-06	3.44E-06	3.71E-06	3.36E-06	1.53E-06	2.39E-06	6.58E-08	1.59E-06	3.51E-07	5.03E-07	7.99E-07	1.41E-07	1.25E-06	4.70E-06
2869	489775.41	3859349.72	5.56E-03	5.98E-03	9.32E-03	1.92E-06	5.81E-06	3.36E-06	3.62E-06	3.28E-06	1.50E-06	2.33E-06	6.42E-08	1.55E-06	3.42E-07	4.92E-07	7.80E-07	1.37E-07	1.22E-06	4.59E-06
2870	489795.41	3859349.72	5.57E-03	5.99E-03	9.34E-03	1.93E-06	5.82E-06	3.37E-06	3.63E-06	3.29E-06	1.50E-06	2.34E-06	6.43E-08	1.55E-06	3.43E-07	4.92E-07	7.81E-07	1.38E-07	1.23E-06	4.60E-06
2871	489595.05	3859219.43	6.47E-03	6.96E-03	1.08E-02	2.24E-06	6.76E-06	3.91E-06	4.21E-06	3.82E-06	1.74E-06	2.69E-06	7.48E-08	1.81E-06	3.99E-07	5.72E-07	9.07E-07	1.60E-07	1.41E-06	5.33E-06
2872	489615.05	3859219.43	6.47E-03	6.96E-03	1.08E-02	2.24E-06	6.77E-06	3.92E-06	4.21E-06	3.82E-06	1.74E-06	2.70E-06	7.48E-08	1.81E-06	3.99E-07	5.72E-07	9.07E-07	1.60E-07	1.42E-06	5.34E-06
2873	489595.05	3859239.43	6.30E-03	6.78E-03	1.05E-02	2.18E-06	6.59E-06	3.81E-06	4.10E-06	3.72E-06	1.70E-06	2.63E-06	7.29E-08	1.76E-06	3.88E-07	5.57E-07	8.84E-07	1.56E-07	1.38E-06	5.20E-06
2874	489615.05	3859239.43	6.31E-03	6.79E-03	1.05E-02	2.18E-06	6.60E-06	3.82E-06	4.11E-06	3.72E-06	1.70E-06	2.63E-06	7.29E-08	1.76E-06	3.89E-07	5.58E-07	8.85E-07	1.56E-07	1.38E-06	5.20E-06
2875	489372.4	3859092.58	7.75E-03	8.32E-03	1.27E-02	2.68E-06	8.10E-06	4.69E-06	5.04E-06	4.57E-06	2.08E-06	3.18E-06	8.96E-08	2.17E-06	4.78E-07	6.84E-07	1.08E-06	1.91E-07	1.67E-06	6.36E-06
2876	489422.4	3859092.58	7.73E-03	8.30E-03	1.27E-02	2.68E-06	8.08E-06	4.68E-06	5.02E-06	4.55E-06	2.08E-06	3.18E-06	8.94E-08	2.16E-06	4.77E-07	6.82E-07	1.08E-06	1.91E-07	1.67E-06	6.35E-06
2877	489372.4	3859142.58	7.17E-03	7.70E-03	1.18E-02	2.48E-06	7.50E-06	4.34E-06	4.66E-06	4.22E-06	1.93E-06	2.95E-06	8.29E-08	2.00E-06	4.42E-07	6.33E-07	1.00E-06	1.77E-07	1.55E-06	5.89E-06
2878	489422.4	3859142.58	7.18E-03	7.71E-03	1.18E-02	2.48E-06	7.50E-06	4.34E-06	4.66E-06	4.23E-06	1.93E-06	2.96E-06	8.30E-08	2.00E-06	4.42E-07	6.33E-07	1.00E-06	1.77E-07	1.55E-06	5.90E-06
2879	488870.84	3858666.64	1.76E-02	1.88E-02	2.73E-02	6.10E-06	1.84E-05	1.07E-05	1.14E-05	1.03E-05	4.71E-06	6.83E-06	2.04E-07	4.92E-06	1.09E-06	1.54E-06	2.45E-06	4.32E-07	3.59E-06	1.42E-05
2880	488900.84	3858666.64	1.73E-02	1.84E-02	2.69E-02	5.98E-06	1.81E-05	1.04E-05	1.12E-05	1.01E-05	4.61E-06	6.73E-06	2.00E-07	4.82E-06	1.06E-06	1.51E-06	2.40E-06	4.23E-07	3.53E-06	1.40E-05
2881	488870.84	3858696.64	1.75E-02	1.86E-02	2.66E-02	6.06E-06	1.83E-05	1.06E-05	1.13E-05	1.02E-05	4.66E-06	6.66E-06	2.02E-07	4.89E-06	1.08E-06	1.53E-06	2.43E-06	4.28E-07	3.49E-06	1.40E-05
2882	488900.84	3858696.64	1.71E-02	1.82E-02	2.62E-02	5.92E-06	1.79E-05	1.03E-05	1.10E-05	9.99E-06	4.56E-06	6.55E-06	1.98E-07	4.77E-06	1.05E-06	1.50E-06	2.37E-06	4.18E-07	3.44E-06	1.37E-05
2883	488889.67	3858683.97	1.73E-02	1.84E-02	2.66E-02	5.99E-06	1.81E-05	1.05E-05	1.12E-05	1.01E-05	4.61E-06	6.66E-06	2.00E-07	4.83E-06	1.07E-06	1.51E-06	2.40E-06	4.23E-07	3.50E-06	1.39E-05
2884	488919.67	3858683.97	1.69E-02	1.81E-02	2.62E-02	5.86E-06	1.77E-05	1.02E-05	1.09E-05	9.90E-06	4.52E-06	6.56E-06	1.96E-07	4.73E-06	1.04E-06	1.48E-06	2.35E-06	4.15E-07	3.44E-06	1.37E-05
2885	488889.67	3858713.97	1.72E-02	1.83E-02	2.60E-02	5.96E-06	1.80E-05	1.04E-05	1.11E-05	1.00E-05	4.58E-06	6.50E-06	1.99E-07	4.81E-06	1.06E-06	1.50E-06	2.39E-06	4.20E-07	3.41E-06	1.38E-05
2886	488919.67	3858713.97	1.68E-02	1.79E-02	2.56E-02	5.82E-06	1.76E-05	1.02E-05	1.08E-05	9.81E-06	4.48E-06	6.39E-06	1.94E-07	4.69E-06	1.04E-06	1.47E-06	2.33E-06	4.11E-07	3.36E-06	1.35E-05
2887	488906.61	3858703.33	1.70E-02	1.81E-02	2.59E-02	5.88E-06	1.78E-05	1.03E-05	1.10E-05	9.93E-06	4.53E-06	6.49E-06	1.97E-07	4.75E-06	1.05E-06	1.49E-06	2.36E-06	4.16E-07	3.41E-06	1.37E-05
2888	488936.61	3858703.33	1.66E-02	1.77E-02	2.55E-02	5.76E-06	1.74E-05	1.01E-05	1.07E-05	9.72E-06	4.44E-06	6.39E-06	1.92E-07	4.64E-06	1.02E-06	1.46E-06	2.31E-06	4.07E-07	3.36E-06	1.34E-05
2889	488906.61	3858733.33	1.70E-02	1.80E-02	2.54E-02	5.88E-06	1.78E-05	1.03E-05	1.09E-05	9.90E-06	4.52E-06	6.36E-06	1.96E-07	4.74E-06	1.05E-06	1.48E-06	2.35E-06	4.15E-07	3.34E-06	1.36E-05
2890	488936.61	3858733.33	1.66E-02	1.76E-02	2.50E-02	5.73E-06	1.73E-05	1.00E-05	1.07E-05	9.66E-06	4.41E-06	6.25E-06	1.91E-07	4.62E-06	1.02E-06	1.45E-06	2.29E-06	4.04E-07	3.28E-06	1.33E-05
2891	488637.63	3858467.85	2.47E-02	2.66E-02	4.13E-02	8.57E-06	2.59E-05	1.50E-05	1.61E-05	1.46E-05	6.66E-06	1.03E-05	2.86E-07	6.91E-06	1.52E-06	2.19E-06	3.47E-06	6.12E-07	5.43E-06	2.04E-05
2892	488662.63	3858467.85	2.42E-02	2.61E-02	4.05E-02	8.38E-06	2.53E-05	1.46E-05	1.58E-05	1.43E-05	6.52E-06	1.01E-05	2.80E-07	6.76E-06	1.49E-06	2.14E-06	3.40E-06	5.98E-07	5.31E-06	2.00E-05
2893	488637.63	3858492.85	2.40E-02	2.58E-02	3.96E-02	8.30E-06	2.51E-05	1.45E-05	1.56E-05	1.41E-05	6.45E-06	9.92E-06	2.77E-07	6.70E-06	1.48E-06	2.12E-06	3.36E-06	5.92E-07	5.20E-06	1.97E-05
2894	488662.63	3858492.85	2.35E-02	2.52E-02	3.89E-02	8.13E-06	2.46E-05	1.42E-05	1.53E-05	1.38E-05	6.32E-06	9.72E-06	2.72E-07	6.56E-06	1.45E-06	2.07E-06	3.29E-06	5.80E-07	5.10E-06	1.93E-05
2895	488687.63	3858492.85	2.30E-02	2.48E-02	3.82E-02	7.97E-06	2.41E-05	1.39E-05	1.50E-05	1.36E-05	6.20E-06	9.55E-06	2.66E-07	6.43E-06	1.42E-06	2.03E-06	3.23E-06	5.69E-07	5.01E-06	1.90E-05
2896	488637.63	3858517.85	2.33E-02	2.50E-02	3.79E-02	8.05E-06	2.43E-05	1.41E-05	1.51E-05	1.37E-05	6.25E-06	9.50E-06	2.69E-07	6.50E-06	1.43E-06	2.05E-06	3.25E-06	5.73E-07	4.98E-06	1.91E-05
2897	488662.63	3858517.85	2.28E-02	2.45E-02	3.73E-02	7.90E-06	2.38E-05	1.38E-05	1.48E-05	1.34E-05	6.13E-06	9.33E-06	2.64E-07	6.37E-06	1.41E-06	2.01E-06	3.19E-06	5.62E-07	4.90E-06	1.87E-05
2898	488687.63	3858517.85	2.24E-02	2.40E-02	3.66E-02	7.74E-06	2.34E-05	1.35E-05	1.45E-05	1.32E-05	6.01E-06	9.17E-06	2.59E-07	6.25E-06	1.38E-06	1.97E-06	3.13E-06	5.52E-07	4.81E-06	1.83E-05
2899	488194.42	3857168.98	2.98E-02	3.22E-02	5.17E-02	1.03E-05	3.11E-05	1.80E-05	1.95E-05	1.77E-05	8.06E-06	1.29E-05	3.44E-07	8.32E-06	1.84E-06	2.65E-06	4.20E-06	7.40E-07	6.79E-06	2.49E-05
2900	488244.42	3857168.98	2.91E-02	3.15E-02	5.06E-02	1.01E-05	3.05E-05	1.76E-05	1.91E-05	1.73E-05	7.88E-06	1.27E-05	3.37E-07	8.14E-06	1.80E-06	2.59E-06	4.11E-06	7.24E-07	6.64E-06	2.43E-05
2901	488294.42	3857168.98	2.85E-02	3.08E-02	4.94E-02	9.86E-06	2.98E-05	1.72E-05	1.86E-05	1.69E-05	7.71E-06	1.24E-05	3.29E-07	7.96E-06	1.76E-06	2.53E-06	4.01E-06	7.07E-07	6.49E-06	2.38E-05
2902	488244.42	3857218.98	2.98E-02	3.22E-02	5.18E-02	1.03E-05	3.12E-05	1.80E-05	1.95E-05	1.77E-05	8.07E-06	1.30E-05	3.45E-07	8.33E-06	1.84E-06	2.65E-06	4.20E-06	7.41E-07	6.80E-06	2.49E-05
2903	488294.42	3857218.98	2.91E-02	3.15E-02	5.06E-02	1.01E-05	3.05E-05	1.76E-05	1.91E-05	1.73E-05	7.89E-06	1.27E-05	3.37E-07	8.14E-06	1.80E-06	2.59E-06	4.11E-06	7.24E-07	6.65E-06	2.43E-05
2904	488294.42	3857268.98	2.98E-02	3.22E-02	5.18E-02	1.03E-05	3.12E-05	1.80E-05	1.95E-05	1.77E-05	8.07E-06	1.30E-05	3.45E-07	8.33E-06	1.84E-06	2.65E-06	4.20E-06	7.41E-07	6.81E-06	2.49E-05
2905	488139.13	3857111.68	2.97E-02	3.21E-02	5.15E-02	1.03E-05	3.10E-05	1.80E-05	1.94E-05	1.76E-05	8.03E-06	1.29E-05	3.43E-07	8.29E-06	1.83E-06	2.64E-06	4.18E-06	7.37E-07	6.77E-06	2.48E-05
2906	488189.13	3857111.68	2.91E-02	3.14E-02	5.04E-02	1.01E-05	3.04E-05	1.76E-05	1.90E-05	1.72E-05	7.87E-06	1.26E-05	3.36E-07	8.12E-06	1.79E-06	2.58E-06	4.10E-06	7.22E-07	6.62E-06	2.43E-05
2907	488189.13	3857161.68	2.98E-02	3.22E-02	5.16E-02	1.03E-05	3.11E-05	1.80E-05	1.95E-05	1.76E-05	8.05E-06	1.29E-05	3.44E-07	8.31E-06	1.83E-06	2.64E-06	4.19E-06	7.39E-07	6.78E-06	2.48E-05
2908	487951.04	3856961.26	2.96E-02	3.20E-02	5.12E-02	1.02E-05	3.09E-05	1.79E-05	1.93E-05	1.75E-05	8.00E-06	1.28E-05	3.42E-07	8.26E-06	1.82E-06	2.63E-06	4.17E-06	7.34E-07	6.72E-06	2.47E-05
2909	488001.04	3856961.26	2.90E-02	3.13E-02	5.01E-02	1.00E-05	3.03E-05	1.75E-05	1.89E-05	1.72E-05	7.84E-06	1.25E-05	3.35E-07	8.09E-06	1.79E-06	2.57E-06	4.08E-06	7.19E-07	6.59E-06	2.42E-05
2910	488051.04	3856961.26	2.83E-02	3.06E-02	4.90E-02	9.81E-06	2.96E-05	1.71E-05	1.85E-05	1.68E-05	7.67E-06	1.23E-05	3.28E-07	7.91E-06	1.75E-06	2.52E-06	3.99E-06	7.03E-07	6.44E-06	2.36E-05
2911	488101.04	3856961.26	2.79E-02	3.01E-02	4.82E-02	9.65E-06	2.91E-05	1.69E-05	1.82E-05	1.65E-05	7.54E-06	1.21E-05	3.22E-07	7.78E-06	1.72E-06	2.47E-06	3.93E-06	6.92E-07	6.33E-06	2.32E-05
2912	487951.04	3857011.26	3.05E-02	3.29E-02	5.28E-02	1.05E-05	3.19E-05	1.84E-05	1.99E-05	1.81E-05	8.24E-06	1.32E-05	3.52E-07	8.51E-06	1.88E-06	2.71E-06	4.29E-06	7.56E-07	6.93E-06	2.54E-05
2913	488001.04	3857011.26	2.98E-02	3.22E-02	5.15E-02	1.03E-05	3.11E-05	1.80E-05	1.95E-05	1.76E-05	8.05E-06	1.29E-05	3.44E-07	8.31E-06	1.83E-06	2.64E-06	4.19E-06	7.39E-07	6.77E-06	2.48E-05
2914	488051.04	3857011.26	2.91E-02	3.14E-02	5.04E-02	1.01E-05	3.04E-05	1.76E-05	1.90E-05	1.72E-05	7.87E-06	1.26E-05	3.36E-07	8.12E-06	1.79E-06	2.58E-06	4.10E-06	7.22E-07	6.61E-06	2.43E-05
2915	488101.04	3857011.26	2.86E-02	3.09E-02	4.95E-02	9.89E-06	2.99E-05	1.73E-05	1.87E-05	1.69E-05	7.73E-06	1.24E-05	3.30E-07	7.98E-06	1.76E-06	2.54E-06	4.03E-06	7.09E-07	6.50E-06	2.38E-05
2916	488001.04	3857061.26	3.06E-02	3.31E-02	5.30E-02	1.06E-05	3.20E-05	1.85E-05	2.00E-05	1.81E-05	8.28E-06	1.33E-05	3.54E-07	8.54E-06	1.89E-06	2.72E-06	4.31E-06	7.60E-07	6.96E-06	2.55E-05
2917	488051.04	3857061.26	2.99E-02	3.24E-02	5.18E-02	1.04E-05	3.13E-05	1.81E-05	1.96E-05	1.77E-05	8.10E-06	1.30E-05	3.46E-07	8.36E-06	1.84E-06	2.66E-06	4.22E-06	7.43E-07	6.81E-06	2.50E-05
2918	488101.04	3857061.26	2.93E-02	3.17E-02	5.08E-02	1.02E-05	3.07E-05	1.77E-05	1.92E-05	1.74E-05	7.93E-06	1.27E-05	3.39E-07	8.19E-06	1.81E-06	2.60E-06	4.13E-06	7.28E-07	6.67E-06	2.45E-05
2919	487638.98	3856673.79	2.80E-02	3.02E-02	4.83E-02	9.69E-06	2.92E-05	1.69E-05	1.83E-05	1.66E-05	7.57E-06	1.21E-05	3.23E-07	7.81E-06	1.72E-06	2.48E-06	3.94E-06	6.94E-07	6.35E-06	2.33E-05
2920	487688.98	3856673.79	2.75E-02	2.97E-02	4.75E-02	9.52E-06	2.87E-05	1.66E-05	1.80E-05	1.63E-05	7.43E-06	1.19E-05	3.18E-07	7.68E-06	1.69E-06	2.44E-06	3.87E-06	6.82E-07	6.24E-06	2.29E-05
2921	487638.98	3856723.79	2.89E-02	3.13E-02	5.00E-02	1.00E-05	3.03E-05	1.75E-05	1.89E-05	1.72E-05	7.83E-06	1.25E-05	3.35E-07	8.08E-06	1.78E-06	2.57E-06	4.08E-06	7.18E-07	6.57E-06	2.41E-05
2922	487688.98	3856723.79	2.84E-02	3.07E-02	4.91E-02	9.83E-06	2.97E-05	1.72E-05	1.86E-05	1.68E-05	7.68E-06	1.23E-05	3.28E-07	7.93E-06	1.75E-06	2.52E-06	4.00E-06	7.05E-07	6.44E-06	2.37E-05
2923	486324.61	3855740.57	2.30E-02	2.48E-02	3.92E-02	7.96E-06	2.40E-05	1.39E-05	1.50E-05	1.36E-05	6.21E-06	9.82E-06	2.66E-07	6.42E-06	1.42E-06	2.04E-06	3.23E-06	5.69E-07	5.15E-06	1.91E-05
2924	486374.61	3855740.57	2.18E-02	2.35E-02	3.72E-02	7.54E-06	2.28E-05	1.32E-05	1.42E-05	1.29E-05	5.88E-06	9.31E-06	2.52E-07	6.08E-06	1.34E-06	1.93E-06	3.06E-06	5.40E-07	4.88E-06	1.81E-05
2925	486424.61	3855740.57	2.12E-02	2.28E-02	3.61E-02	7.32E-06	2.21E-05	1.28E-05	1.38E-05	1.25E-05	5.71E-06	9.04E-06	2.45E-07	5.91E-06	1.30E-06	1.88E-06	2.97E-06	5.24E-07	4.74E-06	1.76E-05
2926	486324.61	3855790.57	2.38E-02	2.57E-02	4.07E-02	8.24E-06	2.49E-05	1.44E-05	1.55E-05	1.41E-05	6.43E-06	1.02E-05	2.75E-07	6.65E-06	1.47E-06	2.11E-06	3.35E-06	5.90E-07	5.34E-06	1.98E-05
2927	486374.61	3855790.57	2.27E-02	2.44E-02	3.87E-02	7.84E-06	2.37E-05	1.37E-05	1.48E-05	1.34E-05	6.12E-06	9.69E-06	2.62E-07	6.33E-06	1.40E-06	2.01E-06	3.19E-06	5.62E-07	5.08E-06	1.88E-05
2928	486424.61	3855790.57	2.22E-02	2.39E-02	3.79E-02	7.68E-06	2.32E-05	1.34E-05	1.45E-05	1.31E-05	5.99E-06	9.49E-06	2.57E-07	6.20E-06	1.37E-06	1.97E-06	3.12E-06	5.50E-07	4.98E-06	1.84E-05
2929	486324.61	3855840.57	2.46E-02	2.66E-02	4.21E-02	8.52E-06	2.57E-05	1.49E-05	1.61E-05	1.46E-05	6.65E-06	1.05E-05	2.85E-07	6.87E-06	1.52E-06	2.18E-06	3.46E-06	6.10E-07	5.53E-06	2.05E-05
2930	486374.61	3855840.57	2.40E-02	2.59E-02	4.11E-02	8.31E-06	2.51E-05	1.45E-05	1.57E-05	1.42E-05	6.48E-06	1.03E-05	2.78E-07	6.70E-06	1.48E-06	2.13E-06	3.38E-06	5.95E-07	5.39E-06	2.00E-05
2931	486424.61	3855840.57	2.33E-02	2.51E-02	3.98E-02	8.06E-06	2.43E-05	1.41E-05	1.52E-05	1.38E-05	6.29E-06	9.96E-06	2.69E-07	6.50E-06	1.43E-06	2.06E-06	3.27E-06	5.77E-07	5.23E-06	1.93E-05
2932	486324.61	3855890.57	2.60E-02	2.81E-02	4.46E-02	9.02E-06	2.72E-05	1.58E-05	1.70E-05	1.54E-05	7.04E-06	1.12E-05	3.01E-07	7.27E-06	1.61E-06	2.31E-06	3.66E-06	6.46E-07	5.86E-06	2.17E-05
2933	486374.61	3855890.57	2.53E-02	2.73E-02	4.33E-02	8.76E-06	2.64E-05	1.53E-05	1.65E-05	1.50E-05	6.83E-06	1.08E-05	2.92E-07	7.06E-06	1.56E-06	2.24E-06	3.56E-06	6.27E-07	5.69E-06	2.10E-05

2934	486424.61	3855890.57	2.44E-02	2.64E-02	4.19E-02	8.46E-06	2.55E-05	1.48E-05	1.60E-05	1.45E-05	6.60E-06	1.05E-05	2.83E-07	6.82E-06	1.51E-06	2.17E-06	3.44E-06	6.06E-07	5.50E-06	2.03E-05
2935	488735.69	3858285.64	2.71E-02	2.93E-02	4.70E-02	9.40E-06	2.84E-05	1.64E-05	1.78E-05	1.61E-05	7.34E-06	1.18E-05	3.14E-07	7.58E-06	1.67E-06	2.41E-06	3.82E-06	6.74E-07	6.17E-06	2.26E-05
2936	488765.69	3858285.64	2.65E-02	2.86E-02	4.58E-02	9.16E-06	2.77E-05	1.60E-05	1.73E-05	1.57E-05	7.16E-06	1.15E-05	3.06E-07	7.39E-06	1.63E-06	2.35E-06	3.73E-06	6.57E-07	6.01E-06	2.21E-05
2937	488735.69	3858315.64	2.66E-02	2.87E-02	4.59E-02	9.21E-06	2.78E-05	1.61E-05	1.74E-05	1.58E-05	7.19E-06	1.15E-05	3.08E-07	7.43E-06	1.64E-06	2.36E-06	3.75E-06	6.60E-07	6.03E-06	2.22E-05
2938	488765.69	3858315.64	2.59E-02	2.80E-02	4.48E-02	8.98E-06	2.71E-05	1.57E-05	1.70E-05	1.54E-05	7.01E-06	1.12E-05	3.00E-07	7.24E-06	1.60E-06	2.30E-06	3.65E-06	6.44E-07	5.88E-06	2.16E-05
2939	478676.63	3849871.93	6.40E-04	6.90E-04	1.09E-03	2.21E-07	6.69E-07	3.87E-07	4.18E-07	3.79E-07	1.73E-07	2.73E-07	7.39E-09	1.79E-07	3.94E-08	5.67E-08	9.00E-08	1.59E-08	1.44E-07	5.31E-07
2940	479326.63	3849871.93	6.10E-04	6.58E-04	1.04E-03	2.11E-07	6.37E-07	3.69E-07	3.98E-07	3.61E-07	1.65E-07	2.61E-07	7.05E-09	1.70E-07	3.76E-08	5.40E-08	8.57E-08	1.51E-08	1.37E-07	5.06E-07
2941	479376.63	3849871.93	5.99E-04	6.47E-04	1.02E-03	2.07E-07	6.27E-07	3.63E-07	3.91E-07	3.55E-07	1.62E-07	2.56E-07	6.93E-09	1.67E-07	3.69E-08	5.31E-08	8.43E-08	1.49E-08	1.34E-07	4.98E-07
2942	479426.63	3849871.93	5.92E-04	6.39E-04	1.01E-03	2.05E-07	6.19E-07	3.58E-07	3.86E-07	3.50E-07	1.60E-07	2.53E-07	6.84E-09	1.65E-07	3.65E-08	5.25E-08	8.32E-08	1.47E-08	1.33E-07	4.92E-07
2943	478726.63	3849921.93	6.51E-04	7.02E-04	1.11E-03	2.25E-07	6.80E-07	3.94E-07	4.25E-07	3.85E-07	1.76E-07	2.78E-07	7.52E-09	1.82E-07	4.01E-08	5.77E-08	9.15E-08	1.61E-08	1.46E-07	5.41E-07
2944	478776.63	3849921.93	6.60E-04	7.12E-04	1.13E-03	2.29E-07	6.90E-07	3.99E-07	4.31E-07	3.91E-07	1.78E-07	2.82E-07	7.63E-09	1.84E-07	4.07E-08	5.85E-08	9.28E-08	1.64E-08	1.48E-07	5.48E-07
2945	478826.63	3849921.93	6.67E-04	7.20E-04	1.14E-03	2.31E-07	6.97E-07	4.04E-07	4.36E-07	3.95E-07	1.80E-07	2.85E-07	7.71E-09	1.86E-07	4.11E-08	5.91E-08	9.38E-08	1.65E-08	1.50E-07	5.54E-07
2946	478976.63	3849921.93	6.78E-04	7.31E-04	1.16E-03	2.35E-07	7.08E-07	4.10E-07	4.42E-07	4.01E-07	1.83E-07	2.90E-07	7.83E-09	1.89E-07	4.17E-08	6.01E-08	9.53E-08	1.68E-08	1.52E-07	5.63E-07
2947	479026.63	3849921.93	6.83E-04	7.37E-04	1.17E-03	2.36E-07	7.13E-07	4.13E-07	4.46E-07	4.04E-07	1.84E-07	2.92E-07	7.89E-09	1.91E-07	4.21E-08	6.05E-08	9.60E-08	1.69E-08	1.53E-07	5.67E-07
2948	479076.63	3849921.93	6.82E-04	7.36E-04	1.17E-03	2.36E-07	7.13E-07	4.13E-07	4.45E-07	4.04E-07	1.84E-07	2.92E-07	7.89E-09	1.90E-07	4.20E-08	6.05E-08	9.59E-08	1.69E-08	1.53E-07	5.67E-07
2949	479126.63	3849921.93	6.79E-04	7.32E-04	1.16E-03	2.35E-07	7.09E-07	4.11E-07	4.43E-07	4.02E-07	1.83E-07	2.90E-07	7.85E-09	1.90E-07	4.18E-08	6.02E-08	9.55E-08	1.68E-08	1.52E-07	5.64E-07
2950	479176.63	3849921.93	6.76E-04	7.30E-04	1.16E-03	2.34E-07	7.07E-07	4.09E-07	4.42E-07	4.00E-07	1.83E-07	2.89E-07	7.82E-09	1.89E-07	4.17E-08	6.00E-08	9.51E-08	1.68E-08	1.52E-07	5.62E-07
2951	479226.63	3849921.93	6.62E-04	7.14E-04	1.13E-03	2.29E-07	6.92E-07	4.01E-07	4.32E-07	3.92E-07	1.79E-07	2.83E-07	7.65E-09	1.85E-07	4.08E-08	5.87E-08	9.31E-08	1.64E-08	1.49E-07	5.50E-07
2952	479276.63	3849921.93	6.37E-04	6.87E-04	1.09E-03	2.20E-07	6.66E-07	3.85E-07	4.16E-07	3.77E-07	1.72E-07	2.72E-07	7.36E-09	1.78E-07	3.92E-08	5.65E-08	8.96E-08	1.58E-08	1.43E-07	5.29E-07
2953	479326.63	3849921.93	6.49E-04	7.00E-04	1.11E-03	2.25E-07	6.78E-07	3.93E-07	4.24E-07	3.84E-07	1.75E-07	2.77E-07	7.50E-09	1.81E-07	4.00E-08	5.75E-08	9.12E-08	1.61E-08	1.46E-07	5.39E-07
2954	479376.63	3849921.93	6.22E-04	6.71E-04	1.06E-03	2.15E-07	6.50E-07	3.76E-07	4.06E-07	3.68E-07	1.68E-07	2.66E-07	7.19E-09	1.74E-07	3.83E-08	5.51E-08	8.74E-08	1.54E-08	1.39E-07	5.16E-07
2955	479426.63	3849921.93	6.25E-04	6.74E-04	1.07E-03	2.16E-07	6.53E-07	3.78E-07	4.08E-07	3.70E-07	1.69E-07	2.67E-07	7.22E-09	1.74E-07	3.85E-08	5.54E-08	8.78E-08	1.55E-08	1.40E-07	5.19E-07
2956	478726.63	3849971.93	6.50E-04	7.01E-04	1.11E-03	2.25E-07	6.80E-07	3.93E-07	4.24E-07	3.85E-07	1.76E-07	2.78E-07	7.52E-09	1.82E-07	4.01E-08	5.76E-08	9.14E-08	1.61E-08	1.46E-07	5.40E-07
2957	478776.63	3849971.93	6.61E-04	7.13E-04	1.13E-03	2.29E-07	6.91E-07	4.00E-07	4.32E-07	3.91E-07	1.78E-07	2.83E-07	7.64E-09	1.85E-07	4.07E-08	5.86E-08	9.29E-08	1.64E-08	1.48E-07	5.49E-07
2958	478826.63	3849971.93	6.70E-04	7.23E-04	1.15E-03	2.32E-07	7.01E-07	4.06E-07	4.38E-07	3.97E-07	1.81E-07	2.87E-07	7.75E-09	1.87E-07	4.13E-08	5.94E-08	9.42E-08	1.66E-08	1.50E-07	5.57E-07
2959	478976.63	3849971.93	6.92E-04	7.47E-04	1.18E-03	2.40E-07	7.24E-07	4.19E-07	4.52E-07	4.10E-07	1.87E-07	2.96E-07	8.00E-09	1.93E-07	4.27E-08	6.14E-08	9.74E-08	1.72E-08	1.55E-07	5.75E-07
2960	479026.63	3849971.93	6.94E-04	7.49E-04	1.19E-03	2.40E-07	7.26E-07	4.20E-07	4.53E-07	4.11E-07	1.87E-07	2.97E-07	8.02E-09	1.94E-07	4.28E-08	6.15E-08	9.76E-08	1.72E-08	1.56E-07	5.77E-07
2961	479076.63	3849971.93	6.94E-04	7.49E-04	1.19E-03	2.40E-07	7.25E-07	4.20E-07	4.53E-07	4.11E-07	1.87E-07	2.97E-07	8.02E-09	1.94E-07	4.28E-08	6.15E-08	9.76E-08	1.72E-08	1.56E-07	5.77E-07
2962	479126.63	3849971.93	6.94E-04	7.49E-04	1.19E-03	2.40E-07	7.25E-07	4.20E-07	4.53E-07	4.11E-07	1.87E-07	2.97E-07	8.02E-09	1.94E-07	4.27E-08	6.15E-08	9.76E-08	1.72E-08	1.56E-07	5.76E-07
2963	479176.63	3849971.93	6.91E-04	7.46E-04	1.18E-03	2.39E-07	7.22E-07	4.18E-07	4.51E-07	4.09E-07	1.87E-07	2.96E-07	7.99E-09	1.93E-07	4.26E-08	6.13E-08	9.72E-08	1.71E-08	1.55E-07	5.74E-07
2964	479226.63	3849971.93	6.64E-04	7.16E-04	1.13E-03	2.30E-07	6.94E-07	4.02E-07	4.33E-07	3.93E-07	1.79E-07	2.84E-07	7.67E-09	1.85E-07	4.09E-08	5.88E-08	9.34E-08	1.65E-08	1.49E-07	5.52E-07
2965	479276.63	3849971.93	6.74E-04	7.27E-04	1.15E-03	2.33E-07	7.05E-07	4.08E-07	4.40E-07	3.99E-07	1.82E-07	2.88E-07	7.79E-09	1.88E-07	4.15E-08	5.98E-08	9.48E-08	1.67E-08	1.51E-07	5.60E-07
2966	479326.63	3849971.93	6.78E-04	7.31E-04	1.16E-03	2.35E-07	7.08E-07	4.10E-07	4.43E-07	4.01E-07	1.83E-07	2.90E-07	7.84E-09	1.89E-07	4.18E-08	6.01E-08	9.53E-08	1.68E-08	1.52E-07	5.63E-07
2967	479376.63	3849971.93	6.53E-04	7.04E-04	1.11E-03	2.26E-07	6.82E-07	3.95E-07	4.26E-07	3.86E-07	1.76E-07	2.79E-07	7.54E-09	1.82E-07	4.02E-08	5.78E-08	9.18E-08	1.62E-08	1.46E-07	5.42E-07
2968	479426.63	3849971.93	6.48E-04	7.00E-04	1.11E-03	2.24E-07	6.78E-07	3.92E-07	4.23E-07	3.84E-07	1.75E-07	2.77E-07	7.50E-09	1.81E-07	4.00E-08	5.75E-08	9.12E-08	1.61E-08	1.45E-07	5.39E-07
2969	478726.63	3850021.93	6.48E-04	6.99E-04	1.11E-03	2.24E-07	6.77E-07	3.92E-07	4.23E-07	3.83E-07	1.75E-07	2.77E-07	7.49E-09	1.81E-07	3.99E-08	5.74E-08	9.11E-08	1.61E-08	1.45E-07	5.38E-07
2970	478776.63	3850021.93	6.60E-04	7.12E-04	1.13E-03	2.29E-07	6.90E-07	4.00E-07	4.31E-07	3.91E-07	1.78E-07	2.82E-07	7.63E-09	1.84E-07	4.07E-08	5.85E-08	9.28E-08	1.64E-08	1.48E-07	5.49E-07
2971	478826.63	3850021.93	6.72E-04	7.25E-04	1.15E-03	2.33E-07	7.02E-07	4.06E-07	4.39E-07	3.98E-07	1.81E-07	2.87E-07	7.76E-09	1.88E-07	4.14E-08	5.95E-08	9.44E-08	1.66E-08	1.51E-07	5.58E-07
2972	478976.63	3850021.93	6.99E-04	7.54E-04	1.19E-03	2.42E-07	7.31E-07	4.23E-07	4.56E-07	4.14E-07	1.89E-07	2.99E-07	8.08E-09	1.95E-07	4.31E-08	6.20E-08	9.83E-08	1.73E-08	1.57E-07	5.81E-07
2973	478726.63	3850071.93	6.44E-04	6.95E-04	1.10E-03	2.23E-07	6.73E-07	3.90E-07	4.20E-07	3.81E-07	1.74E-07	2.75E-07	7.44E-09	1.80E-07	3.97E-08	5.71E-08	9.05E-08	1.60E-08	1.44E-07	5.35E-07
2974	478776.63	3850071.93	6.58E-04	7.10E-04	1.12E-03	2.28E-07	6.88E-07	3.98E-07	4.30E-07	3.90E-07	1.78E-07	2.81E-07	7.61E-09	1.84E-07	4.06E-08	5.84E-08	9.26E-08	1.63E-08	1.48E-07	5.47E-07
2975	478826.63	3850071.93	6.72E-04	7.24E-04	1.15E-03	2.32E-07	7.02E-07	4.06E-07	4.38E-07	3.97E-07	1.81E-07	2.87E-07	7.76E-09	1.87E-07	4.14E-08	5.95E-08	9.44E-08	1.66E-08	1.51E-07	5.58E-07
2976	478876.63	3850071.93	6.84E-04	7.38E-04	1.17E-03	2.37E-07	7.14E-07	4.14E-07	4.46E-07	4.05E-07	1.85E-07	2.92E-07	7.90E-09	1.91E-07	4.21E-08	6.06E-08	9.61E-08	1.69E-08	1.53E-07	5.68E-07
2977	478976.63	3850071.93	7.04E-04	7.60E-04	1.20E-03	2.44E-07	7.36E-07	4.26E-07	4.60E-07	4.17E-07	1.90E-07	3.01E-07	8.14E-09	1.97E-07	4.34E-08	6.24E-08	9.90E-08	1.75E-08	1.58E-07	5.85E-07
2978	478726.63	3850121.93	6.39E-04	6.89E-04	1.09E-03	2.21E-07	6.68E-07	3.86E-07	4.17E-07	3.78E-07	1.72E-07	2.72E-07	7.38E-09	1.78E-07	3.94E-08	5.66E-08	8.98E-08	1.58E-08	1.43E-07	5.30E-07
2979	478776.63	3850121.93	6.55E-04	7.07E-04	1.12E-03	2.27E-07	6.85E-07	3.96E-07	4.28E-07	3.88E-07	1.77E-07	2.80E-07	7.57E-09	1.83E-07	4.04E-08	5.81E-08	9.21E-08	1.62E-08	1.47E-07	5.44E-07
2980	478826.63	3850121.93	6.70E-04	7.22E-04	1.14E-03	2.32E-07	7.00E-07	4.05E-07	4.37E-07	3.96E-07	1.81E-07	2.86E-07	7.74E-09	1.87E-07	4.13E-08	5.93E-08	9.41E-08	1.66E-08	1.50E-07	5.56E-07
2981	478876.63	3850121.93	6.83E-04	7.36E-04	1.17E-03	2.36E-07	7.14E-07	4.13E-07	4.46E-07	4.04E-07	1.84E-07	2.92E-07	7.89E-09	1.91E-07	4.21E-08	6.05E-08	9.60E-08	1.69E-08	1.53E-07	5.67E-07
2982	478976.63	3850121.93	7.07E-04	7.63E-04	1.21E-03	2.45E-07	7.39E-07	4.28E-07	4.62E-07	4.19E-07	1.91E-07	3.02E-07	8.18E-09	1.98E-07	4.36E-08	6.27E-08	9.95E-08	1.75E-08	1.59E-07	5.88E-07
2983	479026.63	3850121.93	7.17E-04	7.74E-04	1.23E-03	2.48E-07	7.50E-07	4.34E-07	4.68E-07	4.24E-07	1.94E-07	3.07E-07	8.29E-09	2.00E-07	4.42E-08	6.36E-08	1.01E-07	1.78E-08	1.61E-07	5.96E-07
2984	479076.63	3850121.93	7.24E-04	7.81E-04	1.24E-03	2.51E-07	7.57E-07	4.38E-07	4.73E-07	4.28E-07	1.95E-07	3.10E-07	8.37E-09	2.02E-07	4.46E-08	6.42E-08	1.02E-07	1.79E-08	1.62E-07	6.01E-07
2985	479126.63	3850121.93	7.29E-04	7.87E-04	1.25E-03	2.52E-07	7.62E-07	4.41E-07	4.76E-07	4.31E-07	1.97E-07	3.12E-07	8.43E-09	2.04E-07	4.49E-08	6.46E-08	1.03E-07	1.81E-08	1.64E-07	6.06E-07
2986	478776.63	3850171.93	6.49E-04	7.01E-04	1.11E-03	2.25E-07	6.79E-07	3.93E-07	4.24E-07	3.84E-07	1.75E-07	2.77E-07	7.51E-09	1.81E-07	4.00E-08	5.75E-08	9.13E-08	1.61E-08	1.45E-07	5.39E-07
2987	478826.63	3850171.93	6.65E-04	7.18E-04	1.13E-03	2.30E-07	6.96E-07	4.03E-07	4.34E-07	3.94E-07	1.80E-07	2.84E-07	7.69E-09	1.86E-07	4.10E-08	5.90E-08	9.35E-08	1.65E-08	1.49E-07	5.53E-07
2988	478876.63	3850171.93	6.80E-04	7.34E-04	1.16E-03	2.36E-07	7.11E-07	4.12E-07	4.44E-07	4.03E-07	1.84E-07	2.90E-07	7.86E-09	1.90E-07	4.19E-08	6.03E-08	9.56E-08	1.69E-08	1.52E-07	5.65E-07
2989	478976.63	3850171.93	7.09E-04	7.64E-04	1.21E-03	2.45E-07	7.41E-07	4.29E-07	4.63E-07	4.19E-07	1.91E-07	3.03E-07	8.19E-09	1.98E-07	4.37E-08	6.28E-08	9.96E-08	1.76E-08	1.59E-07	5.89E-07
2990	479026.63	3850171.93	7.21E-04	7.78E-04	1.23E-03	2.49E-07	7.53E-07	4.36E-07	4.71E-07	4.27E-07	1.95E-07	3.08E-07	8.33E-09	2.01E-07	4.44E-08	6.39E-08	1.01E-07	1.79E-08	1.62E-07	5.99E-07
2991	479076.63	3850171.93	7.30E-04	7.87E-04	1.25E-03	2.53E-07	7.63E-07	4.41E-07	4.76E-07	4.32E-07	1.97E-07	3.12E-07	8.43E-09	2.04E-07	4.50E-08	6.47E-08	1.03E-07	1.81E-08	1.64E-07	6.06E-07
2992	479126.63	3850171.93	7.37E-04	7.95E-04	1.26E-03	2.55E-07	7.70E-07	4.46E-07	4.81E-07	4.36E-07	1.99E-07	3.15E-07	8.52E-09	2.06E-07	4.54E-08	6.53E-08	1.04E-07	1.83E-08	1.65E-07	6.12E-07
2993	479176.63	3850171.93	7.44E-04	8.03E-04	1.27E-03	2.58E-07	7.78E-07	4.50E-07	4.86E-07	4.40E-07	2.01E-07	3.18E-07	8.60E-09	2.08E-07	4.58E-08	6.59E-08	1.05E-07	1.84E-08	1.67E-07	6.18E-07
2994	479226.63	3850171.93	7.51E-04	8.11E-04	1.28E-03	2.60E-07	7.85E-07	4.55E-07	4.91E-07	4.45E-07	2.03E-07	3.21E-07	8.69E-09	2.10E-07	4.63E-08	6.66E-08	1.06E-07	1.86E-08	1.69E-07	6.24E-07
2995	479276.63	3850171.93	7.57E-04	8.17E-04	1.29E-03	2.62E-07	7.92E-07	4.58E-07	4.95E-07	4.48E-07	2.05E-07	3.24E-07	8.76E-09	2.12E-07	4.67E-08	6.71E-08	1.07E-07	1.88E-08	1.70E-07	6.29E-07
2996	479326.63	3850171.93	7.56E-04	8.16E-04	1.29E-03	2.62E-07	7.90E-07	4.58E-07	4.94E-07	4.48E-07	2.04E-07	3.23E-07	8.74E-09	2.11E-07	4.66E-08	6.70E-08	1.06E-07	1.87E-08	1.70E-07	6.28E-07
2997	479376.63	3850171.93	7.53E-04	8.12E-04	1.29E-03	2.61E-07	7.87E-07	4.56E-07	4.91E-07	4.46E-07	2.03E-07	3.22E-07	8.70E-09	2.10E-07	4.64E-08	6.67E-08	1.06E-07	1.87E-08	1.69E-07	6.25E-07
2998	478676.63	3850221.93	6.04E-04	6.51E-04	1.03E-03	2.09E-07	6.31E-07	3.66E-07	3.94E-07	3.57E-07	1.63E-07	2.57E-07	6.98E-09	1.69E-07	3.72E-08	5.35E-08	8.49E-08	1.50E-08	1.35E-07	5.01E-07
2999	478726.63	3850221.93	6.24E-04	6.73E-04	1.06E-03	2.16E-07	6.52E-07	3.78E-07	4.07E-07	3.69E-07	1.68E-07	2.66E-07	7.21E-09	1.74E-07	3.84E-08	5.53E-08	8.77E-08	1.55E-08	1.39E-07	5.18E-07
3000	478976.63	3850221.93	7.08E-04	7.64E-04	1.21E-03	2.45E-07	7.40E-07	4.29E-07	4.62E-07	4.19E-07	1.91E-07	3.02E-07	8.19E-09	1.98E-07	4.36E-08	6.28E-08	9.96E-08	1.75E-08	1.59E-07	5.88E-07
3001	479026.63	3850221.93	7.22E-04	7.79E-04	1.23E-03	2.50E-07	7.55E-07	4.37E-07	4.71E-07	4.27E-07	1.95E-07	3.08E-07	8.35E-09	2.02E-07	4.45E-08	6.40E-08	1.02E-07	1.79E-08	1.62E-07	6.00E-07
3002	479076.63	3850221.93	7.33E-04	7.91E-04	1.25E-03	2.54E-07	7.66E-07	4.43E-07	4.78E-07	4.34E-07	1.98E-07	3.13E-07	8.47E-09	2.05E-07	4.52E-08	6.50E-08	1.03E-07	1.82E-08	1.64E-07	6.09E-07
3003	479126.63	3850221.93	7.43E-04	8.01E-04	1.27E-03	2.57E-07	7.76E-07	4.49E-07	4.85E-07	4.40E-07	2.01E-07	3.18E-07	8.59E-09	2.07E-07	4.58E-08	6.58E-08	1.04E-07	1.84E-08	1.67E-07	6.17E-07
3004	479176.63	3850221.93	7.52E-04	8.12E-04	1.29E-03	2.60E-07	7.86E-07	4.55E-07	4.91E-07	4.45E-07	2.03E-07	3.22E-07	8.70E-09	2.10E-07	4.64E-08	6.67E-08	1.06E-07	1.86E-08	1.69E-07	6.25E-07
3005	479226.63	3850221.93	7.60E-04	8.20E-04	1.30E-03	2.63E-07	7.95E-07	4.60E-07	4.96E-07	4.50E-07	2.05E-07	3.25E-07	8.79E-09	2.12E-07	4.69E-08	6.74E-08	1.07E-07	1.88E-08	1.71E-07	6.32E-07
3006	479276.63	3850221.93	7.67E-04	8.27E-04	1.31E-03	2.65E-07	8.02E-07	4.64E-07	5.01E-07	4.54E-07	2.07E-07	3.28E-07	8.87E-09	2.14E-07	4.73E-08	6.80E-08	1.08E-07	1.90E-08	1.72E-07	6.37E-07
3007	479326.63	3850221.93	7.68E-04	8.28E-04	1.31E-03	2.66E-07	8.02E-07	4.64E-07	5.01E-07	4.54E-07	2.07E-07	3.28E-07	8.87E-09	2.14E-07	4.73E-08	6.80E-08	1.08E-07	1.90E-08	1.72E-07	6.38E-07
3008	479376.63	3850221.93	7.68E-04	8.28E-04	1.31E-03	2.66E-07	8.02E-07	4.65E-07	5.01E-07	4.54E-07	2.07E-07	3.28E-07	8.87E-09	2.14E-07	4.73E-08	6.81E-08	1.08E-07	1.90E-08	1.72E-07	6.38E-07
3009	478676.63	3850271.93	5.95E-04	6.41E-04	1.01E-03	2.06E-07	6.22E-07	3.60E-07	3.88E-07	3.52E-07	1.61E-07	2.53E-07	6.88E-09	1.66E-07	3.67E-08	5.27E-08	8.36E-08	1.47E-08	1.33E-07	4.93E-07
3010	478726.63	3850271.93	6.15E-04	6.63E-04	1.05E-03	2.13E-07	6.43E-07	3.72E-07	4.01E-07	3.64E-07	1.66E-07	2.62E-07	7.11E-09	1.72E-07	3.79E-08	5.45E-08	8.64E-08	1.52E-08	1.37E-07	5.10E-07
3011	478976.63	3850271.93	7.05E-04	7.61E-04	1.20E-03	2.44E-07	7.37E-07	4.27E-07	4.60E-07	4.17E-07	1.90E-07	3.01E-07	8.15E-09	1.97E-07	4.34E-08	6.25E-08	9.91E-08	1.75E-08	1.58E-07	5.85E-07
3012	479026.63	3850271.93	7.21E-04	7.78E-04	1.23E-03	2.50E-07	7.54E-07	4.36E-07	4.71E-07	4.27E-07	1.95E-07	3.08E-07	8.34E-09	2.01E-07	4.44E-08	6.39E-08	1.01E-07	1.79E-08	1.62E-07	5.99E-07
3013	479076.63	3850271.93	7.35E-04	7.93E-04	1.25E-03	2.54E-07	7.68E-07	4.45E-07	4.80E-07	4.35E-07	1.98E-07	3.14E-07	8.49E-09	2.05E-07	4.53E-08	6.51E-08	1.03E-07	1.82E-08	1.65E-07	6.10E-07
3014	479126.63	3850271.93	7.47E-04	8.06E-04	1.27E-03	2.58E-07	7.80E-07	4.52E-07	4.87E-07	4.42E-07	2.02E-07	3.19E-07	8.63E-09	2.08E-07	4.60E-08	6.62E-08	1.05E-07	1.85E-08	1.67E-07	6.20E-07
3015	479176.63	3850271.93	7.58E-04	8.17E-04	1.29E-03	2.62E-07	7.92E-07	4.58E-07	4.95E-07	4.48E-07	2.05E-07	3.24E-07	8.76E-09	2.12E-07	4.67E-08	6.72E-08	1.07E-07	1.88E-08	1.70E-07	6.29E-07
3016	479226.63	3850271.93	7.67E-04	8.28E-04	1.31E-03	2.66E-07	8.02E-07	4.64E-07	5.01E-07	4.54E-07	2.07E-07	3.28E-07	8.87E-09	2.14E-07	4.73E-08	6.80E-08	1.08E-07	1.90E-08	1.72E-07	6.38E-07
3017	479276.63	3850271.93	7.74E-04	8.35E-04	1.32E-03	2.68E-07	8.09E-07	4.68E-07	5.05E-07	4.58E-07	2.09E-07	3.31E-07	8.95E-09	2.16E-07	4.77E-08	6.86E-08	1.09E-07	1.92E-08	1.74E-07	6.43E-07
3018	479326.63	3850271.93	7.77E-04	8.39E-04	1.33E-03	2.69E-07	8.13E-07	4.70E-07	5.08E-07	4.60E-07	2.10E-07	3.32E-07	8.99E-09	2.17E-07	4.79E-08	6.89E-08	1.09E-07	1.93E-08	1.74E-07	6.46E-07
3019	479376.63	3850271.93	7.78E-04	8.39E-04	1.33E-03	2.69E-07	8.13E-07	4.71E-07	5.08E-07	4.60E-07	2.10E-07	3.33E-07	8.99E-09	2.17E-07	4.79E-08	6.89E-08	1.09E-07	1.93E-08	1.75E-07	6.46E-07
3020	479053.24	3850293.52	7.28E-04	7.86E-04	1.24E-03	2.52E-07	7.61E-07	4.41E-07	4.75E-07	4.31E-07	1.97E-07	3.11E-07	8.42E-09	2.03E-07	4.49E-08	6.46E-08	1.02E-07	1.80E-08	1.63E-07	6.05E-07
3021	479103.24	3850293.52	7.42E-04	8.00E-04	1.27E-03	2.57E-07	7.76E-07	4.49E-07	4.84E-07	4.39E-07	2.00E-07	3.17E-07	8.58E-09	2.07E-07	4.57E-08	6.58E-08	1.04E-07	1.84E-08	1.66E-07	6.16E-07
3022	479153.24	3850293.52	7.54E-04	8.13E-04	1.29E-03	2.61E-07	7.88E-07	4.56E-07	4.92E-07	4.46E-07	2.03E-07	3.22E-07	8.71E-09	2.10E-07	4.64E-08	6.68E-08	1.06E-07	1.87E-08	1.69E-07	6.26E-07
3023	479203.24	3850293.52	7.65E-04	8.25E-04	1.31E-03	2.65E-07	8.00E-07	4.63E-07	4.99E-07	4.53E-07	2.07E-07	3.27E-07	8.84E-09	2.14E-07	4.71E-08	6.78E-08	1.08E-07	1.90E-08	1.72E-07	6.36E-07
3024	479253.24	3850293.52	7.74E-04	8.35E-04	1.32E-03	2.68E-07	8.09E-07	4.68E-07	5.05E-07	4.58E-07	2.09E-07	3.31E-07	8.94E-09	2.16E-07	4.77E-08	6.86E-08	1.09E-07	1.92E-08	1.74E-07	6.43E-07
3025	479303.24	3850293.52	7.79E-04	8.41E-04	1.33E-03	2.70E-07	8.15E-07	4.72E-07	5.09E-07	4.61E-07	2.10E-07	3.33E-07	9.01E-09	2.18E-07	4.80E-08	6.91E-08	1.10E-07	1.93E-08	1.75E-07	6.47E-07
3026	479353.24	3850293.52	7.82E-04	8.44E-04	1.34E-03	2.71E-07	8.17E-07	4.73E-07	5.11E-07	4.63E-07	2.11E-07	3.34E-07	9.04E-09	2.18E-07	4.82E-08	6.93E-08	1.10E-07	1.94E-08	1.75E-07	6.50E-07
3027	479153.24	3850343.52	7.55E-04	8.15E-04	1.29E-03	2.61E-07	7.89E-07	4.57E-07	4.93E-07	4.47E-07	2.04E-07	3.22E-07	8.73E-09	2.11E-07	4.65E-08	6.69E-08	1.06E-07	1.87E-08	1.69E-07	6.27E-07
3028	479203.24	3850343.52	7.68E-04	8.29E-04	1.31E-03	2.66E-07	8.03E-07	4.65E-07	5.01E-07	4.54E-07	2.07E-07	3.28E-07	8.88E-09	2.14E-07	4.73E-08	6.81E-08	1.08E-07	1.90E-08	1.72E-07	6.38E-07
3029	479253.24	3850343.52	7.78E-04	8.39E-04	1.33E-03	2.69E-07	8.13E-07	4.70E-07	5.08E-07	4.60E-07	2.10E-07	3.32E-07	8.99E-09	2.17E-07	4.79E-08	6.89E-08	1.09E-07	1.93E-08	1.74E-07	6.46E-07
3030	479303.24	3850343.52	7.85E-04	8.47E-04	1.34E-03	2.72E-07	8.20E-07	4.75E-07	5.12E-07	4.64E-07	2.12E-07	3.35E-07	9.07E-09	2.19E-07	4.84E-08	6.96E-08	1.10E-07	1.94E-08	1.76E-07	6.52E-07
3031	479353.24	3850343.52	7.90E-04	8.52E-04	1.35E-03	2.73E-07	8.26E-07	4.78E-07	5.16E-07	4.67E-07	2.13E-07	3.38E-07	9.13E-09	2.21E-07	4.87E-08	7.00E-08	1.11E-07	1.96E-08	1.77E-07	6.56E-07
3032	479203.24	3850393.52	7.68E-04	8.29E-04	1.31E-03	2.66E-07	8.03E-07	4.65E-07	5.01E-07	4.55E-07	2.07E-07	3.28E-07	8.88E-09	2.15E-07	4.73E-08	6.81E-08	1.08E-07	1.90E-08	1.72E-07	6.38E-07
3033	479253.24	3850393.52	7.80E-04	8.41E-04	1.33E-03	2.70E-07	8.15E-07	4.72E-07	5.09E-07	4.61E-07	2.11E-07	3.33E-07	9.01E-09	2.18E-07	4.80E-08	6.91E-08	1.10E-07	1.93E-08	1.75E-07	6.48E-07
3034	479303.24	3850393.52	7.89E-04	8.51E-04	1.35E-03	2.73E-07	8.25E-07	4.77E-07	5.15E-07	4.67E-07	2.13E-07	3.37E-07	9.12E-09	2.20E-07	4.86E-08	6.99E-08	1.11E-07	1.96E-08	1.77E-07	6.56E-07
3035	479353.24	3850393.52	7.96E-04	8.59E-04	1.36E-03	2.76E-07	8.32E-07	4.82E-07	5.20E-07	4.71E-07	2.15E-07	3.40E-07	9.20E-09	2.22E-07	4.91E-08	7.06E-08	1.12E-07	1.97E-08	1.79E-07	6.62E-07
3036	479403.24	3850393.52	8.01E-04	8.65E-04	1.37E-03	2.77E-07	8.38E-07	4.85E-07	5.23E-07	4.74E-07	2.16E-07	3.43E-07	9.26E-09	2.24E-07	4.94E-08	7.10E-08	1.13E-07	1.99E-08	1.80E-07	6.66E-07
3037	479453.24	3850393.52	8.03E-04	8.67E-04	1.37E-03	2.78E-07	8.39E-07	4.86E-07	5.24E-07	4.75E-07	2.17E-07	3.43E-07	9.28E-09	2.24E-07	4.95E-08	7.12E-08	1.13E-07	1.99E-08	1.80E-07	6.67E-07
3038	479503.24	3850393.52	8.01E-04	8.65E-04	1.37E-03	2.77E-07	8.38E-07	4.85E-07	5.23E-07	4.74E-07	2.16E-07	3.43E-07	9.26E-09	2.24E-07	4.94E-08	7.10E-08	1.13E-07	1.99E-08	1.80E-07	6.66E-07

3039	479303.24	3850443.52	7.91E-04	8.53E-04	1.35E-03	2.74E-07	8.27E-07	4.79E-07	5.16E-07	4.68E-07	2.14E-07	3.38E-07	9.14E-09	2.21E-07	4.87E-08	7.01E-08	1.11E-07	1.96E-08	1.77E-07	6.57E-07
3040	479353.24	3850443.52	8.00E-04	8.63E-04	1.37E-03	2.77E-07	8.36E-07	4.84E-07	5.22E-07	4.73E-07	2.16E-07	3.42E-07	9.24E-09	2.23E-07	4.93E-08	7.09E-08	1.12E-07	1.98E-08	1.79E-07	6.64E-07
3041	479403.24	3850443.52	8.06E-04	8.70E-04	1.38E-03	2.79E-07	8.43E-07	4.88E-07	5.26E-07	4.77E-07	2.18E-07	3.45E-07	9.32E-09	2.25E-07	4.97E-08	7.15E-08	1.13E-07	2.00E-08	1.81E-07	6.70E-07
3042	479453.24	3850443.52	8.10E-04	8.74E-04	1.38E-03	2.80E-07	8.46E-07	4.90E-07	5.29E-07	4.79E-07	2.19E-07	3.46E-07	9.36E-09	2.26E-07	4.99E-08	7.18E-08	1.14E-07	2.01E-08	1.82E-07	6.73E-07
3043	479503.24	3850443.52	8.11E-04	8.75E-04	1.39E-03	2.81E-07	8.47E-07	4.90E-07	5.29E-07	4.80E-07	2.19E-07	3.47E-07	9.37E-09	2.26E-07	4.99E-08	7.18E-08	1.14E-07	2.01E-08	1.82E-07	6.73E-07
3044	480327.18	3850987.04	9.69E-04	1.05E-03	1.65E-03	3.35E-07	1.01E-06	5.86E-07	6.32E-07	5.73E-07	2.62E-07	4.13E-07	1.12E-08	2.71E-07	5.97E-08	8.59E-08	1.36E-07	2.40E-08	2.17E-07	8.04E-07
3045	480377.18	3850987.04	9.62E-04	1.04E-03	1.64E-03	3.33E-07	1.01E-06	5.82E-07	6.28E-07	5.69E-07	2.60E-07	4.09E-07	1.11E-08	2.69E-07	5.93E-08	8.52E-08	1.35E-07	2.38E-08	2.15E-07	7.98E-07
3046	480427.18	3850987.04	9.52E-04	1.03E-03	1.62E-03	3.30E-07	9.95E-07	5.76E-07	6.21E-07	5.63E-07	2.57E-07	4.05E-07	1.10E-08	2.66E-07	5.87E-08	8.43E-08	1.34E-07	2.36E-08	2.13E-07	7.90E-07
3047	480477.18	3850987.04	9.41E-04	1.01E-03	1.60E-03	3.26E-07	9.84E-07	5.70E-07	6.14E-07	5.57E-07	2.54E-07	4.00E-07	1.09E-08	2.63E-07	5.80E-08	8.34E-08	1.32E-07	2.33E-08	2.10E-07	7.81E-07
3048	480327.18	3851037.04	9.91E-04	1.07E-03	1.69E-03	3.43E-07	1.04E-06	6.00E-07	6.47E-07	5.86E-07	2.68E-07	4.22E-07	1.15E-08	2.77E-07	6.11E-08	8.78E-08	1.39E-07	2.46E-08	2.22E-07	8.23E-07
3049	480377.18	3851037.04	9.85E-04	1.06E-03	1.68E-03	3.41E-07	1.03E-06	5.96E-07	6.43E-07	5.83E-07	2.66E-07	4.19E-07	1.14E-08	2.75E-07	6.07E-08	8.73E-08	1.38E-07	2.44E-08	2.20E-07	8.17E-07
3050	480427.18	3851037.04	9.77E-04	1.05E-03	1.66E-03	3.38E-07	1.02E-06	5.91E-07	6.37E-07	5.78E-07	2.64E-07	4.16E-07	1.13E-08	2.73E-07	6.02E-08	8.65E-08	1.37E-07	2.42E-08	2.18E-07	8.10E-07
3051	480477.18	3851037.04	9.68E-04	1.04E-03	1.64E-03	3.35E-07	1.01E-06	5.86E-07	6.31E-07	5.72E-07	2.61E-07	4.12E-07	1.12E-08	2.70E-07	5.96E-08	8.57E-08	1.36E-07	2.40E-08	2.16E-07	8.03E-07
3052	480622.06	3851087.39	9.68E-04	1.04E-03	1.64E-03	3.35E-07	1.01E-06	5.85E-07	6.31E-07	5.72E-07	2.61E-07	4.11E-07	1.12E-08	2.70E-07	5.96E-08	8.57E-08	1.36E-07	2.40E-08	2.16E-07	8.02E-07
3053	480672.06	3851087.39	9.58E-04	1.03E-03	1.63E-03	3.32E-07	1.00E-06	5.80E-07	6.25E-07	5.67E-07	2.59E-07	4.07E-07	1.11E-08	2.68E-07	5.90E-08	8.49E-08	1.35E-07	2.37E-08	2.14E-07	7.94E-07
3054	480622.06	3851137.39	9.96E-04	1.07E-03	1.69E-03	3.45E-07	1.04E-06	6.02E-07	6.50E-07	5.89E-07	2.69E-07	4.23E-07	1.15E-08	2.78E-07	6.14E-08	8.82E-08	1.40E-07	2.47E-08	2.22E-07	8.26E-07
3055	480672.06	3851137.39	9.86E-04	1.06E-03	1.67E-03	3.41E-07	1.03E-06	5.97E-07	6.43E-07	5.83E-07	2.66E-07	4.19E-07	1.14E-08	2.75E-07	6.08E-08	8.74E-08	1.39E-07	2.44E-08	2.20E-07	8.18E-07
3056	480722.06	3851137.39	9.78E-04	1.05E-03	1.66E-03	3.38E-07	1.02E-06	5.92E-07	6.38E-07	5.78E-07	2.64E-07	4.15E-07	1.13E-08	2.73E-07	6.02E-08	8.66E-08	1.37E-07	2.42E-08	2.18E-07	8.10E-07
3057	480622.06	3851187.39	1.02E-03	1.10E-03	1.74E-03	3.54E-07	1.07E-06	6.19E-07	6.68E-07	6.05E-07	2.76E-07	4.35E-07	1.18E-08	2.86E-07	6.31E-08	9.07E-08	1.44E-07	2.53E-08	2.28E-07	8.49E-07
3058	480672.06	3851187.39	1.02E-03	1.09E-03	1.72E-03	3.51E-07	1.06E-06	6.14E-07	6.62E-07	6.00E-07	2.74E-07	4.31E-07	1.17E-08	2.83E-07	6.26E-08	8.99E-08	1.43E-07	2.51E-08	2.26E-07	8.42E-07
3059	480722.06	3851187.39	1.01E-03	1.09E-03	1.71E-03	3.49E-07	1.05E-06	6.09E-07	6.57E-07	5.95E-07	2.72E-07	4.27E-07	1.16E-08	2.81E-07	6.20E-08	8.92E-08	1.41E-07	2.49E-08	2.24E-07	8.35E-07
3060	471363.09	3845877.25	1.28E-04	1.38E-04	2.19E-04	4.44E-08	1.34E-07	7.76E-08	8.38E-08	7.59E-08	3.46E-08	5.49E-08	1.48E-09	3.58E-08	7.91E-09	1.14E-08	1.80E-08	3.18E-09	2.88E-08	1.07E-07
3061	471863.09	3845877.25	1.21E-04	1.30E-04	2.06E-04	4.17E-08	1.26E-07	7.29E-08	7.87E-08	7.13E-08	3.26E-08	5.16E-08	1.39E-09	3.37E-08	7.43E-09	1.07E-08	1.70E-08	2.99E-09	2.71E-08	1.00E-07
3062	472363.09	3845877.25	1.26E-04	1.36E-04	2.15E-04	4.35E-08	1.31E-07	7.60E-08	8.20E-08	7.44E-08	3.39E-08	5.37E-08	1.45E-09	3.51E-08	7.74E-09	1.11E-08	1.77E-08	3.11E-09	2.82E-08	1.04E-07
3063	472863.09	3845877.25	1.05E-04	1.14E-04	1.80E-04	3.65E-08	1.10E-07	6.37E-08	6.88E-08	6.23E-08	2.84E-08	4.51E-08	1.22E-09	2.94E-08	6.49E-09	9.34E-09	1.48E-08	2.61E-09	2.37E-08	8.75E-08
3064	473363.09	3845877.25	1.12E-04	1.20E-04	1.91E-04	3.86E-08	1.17E-07	6.75E-08	7.28E-08	6.60E-08	3.01E-08	4.77E-08	1.29E-09	3.11E-08	6.87E-09	9.89E-09	1.57E-08	2.76E-09	2.50E-08	9.27E-08
3065	473863.09	3845877.25	1.21E-04	1.31E-04	2.07E-04	4.20E-08	1.27E-07	7.35E-08	7.93E-08	7.19E-08	3.28E-08	5.19E-08	1.40E-09	3.39E-08	7.48E-09	1.08E-08	1.71E-08	3.01E-09	2.72E-08	1.01E-07
3066	474363.09	3845877.25	1.57E-04	1.69E-04	2.68E-04	5.43E-08	1.64E-07	9.50E-08	1.02E-07	9.29E-08	4.24E-08	6.70E-08	1.81E-09	4.38E-08	9.67E-09	1.39E-08	2.21E-08	3.89E-09	3.52E-08	1.30E-07
3067	474863.09	3845877.25	1.98E-04	2.14E-04	3.39E-04	6.86E-08	2.07E-07	1.20E-07	1.29E-07	1.17E-07	5.35E-08	8.48E-08	2.29E-09	5.53E-08	1.22E-08	1.76E-08	2.79E-08	4.91E-09	4.45E-08	1.65E-07
3068	475363.09	3845877.25	2.18E-04	2.35E-04	3.73E-04	7.55E-08	2.28E-07	1.32E-07	1.42E-07	1.29E-07	5.89E-08	9.34E-08	2.52E-09	6.09E-08	1.34E-08	1.93E-08	3.07E-08	5.41E-09	4.90E-08	1.81E-07
3069	475863.09	3845877.25	2.13E-04	2.30E-04	3.64E-04	7.37E-08	2.22E-07	1.29E-07	1.39E-07	1.26E-07	5.75E-08	9.10E-08	2.46E-09	5.94E-08	1.31E-08	1.89E-08	2.99E-08	5.27E-09	4.78E-08	1.77E-07
3070	476363.09	3845877.25	1.84E-04	1.98E-04	3.13E-04	6.35E-08	1.92E-07	1.11E-07	1.20E-07	1.09E-07	4.96E-08	7.83E-08	2.12E-09	5.13E-08	1.13E-08	1.63E-08	2.58E-08	4.55E-09	4.11E-08	1.52E-07
3071	476863.09	3845877.25	1.59E-04	1.72E-04	2.71E-04	5.51E-08	1.66E-07	9.62E-08	1.04E-07	9.41E-08	4.29E-08	6.79E-08	1.84E-09	4.44E-08	9.80E-09	1.41E-08	2.24E-08	3.94E-09	3.56E-08	1.32E-07
3072	477363.09	3845877.25	1.43E-04	1.54E-04	2.42E-04	4.94E-08	1.49E-07	8.63E-08	9.31E-08	8.44E-08	3.85E-08	6.07E-08	1.65E-09	3.98E-08	8.79E-09	1.26E-08	2.01E-08	3.53E-09	3.18E-08	1.18E-07
3073	477863.09	3845877.25	1.29E-04	1.39E-04	2.19E-04	4.46E-08	1.35E-07	7.80E-08	8.41E-08	7.63E-08	3.48E-08	5.49E-08	1.49E-09	3.60E-08	7.95E-09	1.14E-08	1.81E-08	3.19E-09	2.88E-08	1.07E-07
3074	478363.09	3845877.25	1.22E-04	1.31E-04	2.06E-04	4.21E-08	1.27E-07	7.36E-08	7.93E-08	7.19E-08	3.28E-08	5.16E-08	1.41E-09	3.39E-08	7.49E-09	1.08E-08	1.71E-08	3.01E-09	2.71E-08	1.01E-07
3075	478863.09	3845877.25	1.16E-04	1.26E-04	1.98E-04	4.03E-08	1.22E-07	7.05E-08	7.60E-08	6.89E-08	3.14E-08	4.95E-08	1.35E-09	3.25E-08	7.18E-09	1.03E-08	1.64E-08	2.88E-09	2.60E-08	9.66E-08
3076	479363.09	3845877.25	1.14E-04	1.23E-04	1.93E-04	3.95E-08	1.19E-07	6.91E-08	7.44E-08	6.75E-08	3.08E-08	4.83E-08	1.32E-09	3.19E-08	7.03E-09	1.01E-08	1.60E-08	2.83E-09	2.54E-08	9.46E-08
3077	479863.09	3845877.25	1.07E-04	1.15E-04	1.81E-04	3.70E-08	1.12E-07	6.46E-08	6.96E-08	6.31E-08	2.88E-08	4.53E-08	1.23E-09	2.98E-08	6.58E-09	9.45E-09	1.50E-08	2.64E-09	2.38E-08	8.85E-08
3078	480363.09	3845877.25	9.45E-05	1.02E-04	1.60E-04	3.27E-08	9.87E-08	5.72E-08	6.16E-08	5.59E-08	2.55E-08	4.02E-08	1.09E-09	2.64E-08	5.82E-09	8.37E-09	1.33E-08	2.34E-09	2.11E-08	7.83E-08
3079	480863.09	3845877.25	8.79E-05	9.47E-05	1.49E-04	3.04E-08	9.18E-08	5.32E-08	5.73E-08	5.20E-08	2.37E-08	3.73E-08	1.02E-09	2.45E-08	5.41E-09	7.78E-09	1.23E-08	2.18E-09	1.96E-08	7.29E-08
3080	481363.09	3845877.25	8.22E-05	8.86E-05	1.40E-04	2.85E-08	8.59E-08	4.97E-08	5.36E-08	4.86E-08	2.22E-08	3.49E-08	9.50E-10	2.30E-08	5.07E-09	7.28E-09	1.16E-08	2.04E-09	1.83E-08	6.82E-08
3081	481863.09	3845877.25	7.71E-05	8.31E-05	1.31E-04	2.67E-08	8.06E-08	4.67E-08	5.03E-08	4.56E-08	2.08E-08	3.28E-08	8.91E-10	2.15E-08	4.75E-09	6.83E-09	1.08E-08	1.91E-09	1.72E-08	6.40E-08
3082	482363.09	3845877.25	7.05E-05	7.60E-05	1.20E-04	2.44E-08	7.37E-08	4.27E-08	4.60E-08	4.17E-08	1.90E-08	3.00E-08	8.15E-10	1.97E-08	4.34E-09	6.25E-09	9.91E-09	1.75E-09	1.57E-08	5.85E-08
3083	482863.09	3845877.25	6.02E-05	6.49E-05	1.03E-04	2.08E-08	6.29E-08	3.64E-08	3.93E-08	3.56E-08	1.62E-08	2.57E-08	6.96E-10	1.68E-08	3.71E-09	5.33E-09	8.46E-09	1.49E-09	1.35E-08	5.00E-08
3084	483363.09	3845877.25	5.51E-05	5.94E-05	9.41E-05	1.91E-08	5.76E-08	3.33E-08	3.60E-08	3.26E-08	1.49E-08	2.36E-08	6.37E-10	1.54E-08	3.39E-09	4.88E-09	7.74E-09	1.36E-09	1.24E-08	4.58E-08
3085	483863.09	3845877.25	6.07E-05	6.55E-05	1.03E-04	2.10E-08	6.35E-08	3.68E-08	3.96E-08	3.59E-08	1.64E-08	2.59E-08	7.02E-10	1.70E-08	3.74E-09	5.38E-09	8.54E-09	1.50E-09	1.36E-08	5.04E-08
3086	484363.09	3845877.25	5.99E-05	6.46E-05	1.02E-04	2.07E-08	6.26E-08	3.62E-08	3.91E-08	3.54E-08	1.62E-08	2.55E-08	6.92E-10	1.67E-08	3.69E-09	5.31E-09	8.42E-09	1.48E-09	1.34E-08	4.97E-08
3087	484863.09	3845877.25	5.69E-05	6.14E-05	9.69E-05	1.97E-08	5.95E-08	3.45E-08	3.72E-08	3.37E-08	1.54E-08	2.42E-08	6.58E-10	1.59E-08	3.51E-09	5.05E-09	8.00E-09	1.41E-09	1.27E-08	4.73E-08
3088	485363.09	3845877.25	5.40E-05	5.82E-05	9.21E-05	1.87E-08	5.64E-08	3.26E-08	3.52E-08	3.19E-08	1.46E-08	2.30E-08	6.24E-10	1.51E-08	3.32E-09	4.78E-09	7.59E-09	1.34E-09	1.21E-08	4.48E-08
3089	485863.09	3845877.25	5.34E-05	5.76E-05	9.12E-05	1.85E-08	5.58E-08	3.23E-08	3.48E-08	3.16E-08	1.44E-08	2.28E-08	6.17E-10	1.49E-08	3.29E-09	4.73E-09	7.51E-09	1.32E-09	1.20E-08	4.43E-08
3090	486363.09	3845877.25	5.17E-05	5.58E-05	8.83E-05	1.79E-08	5.40E-08	3.13E-08	3.37E-08	3.06E-08	1.40E-08	2.21E-08	5.97E-10	1.44E-08	3.18E-09	4.58E-09	7.27E-09	1.28E-09	1.16E-08	4.29E-08
3091	486863.09	3845877.25	4.86E-05	5.24E-05	8.31E-05	1.68E-08	5.08E-08	2.94E-08	3.17E-08	2.88E-08	1.31E-08	2.08E-08	5.62E-10	1.36E-08	2.99E-09	4.31E-09	6.83E-09	1.20E-09	1.09E-08	4.04E-08
3092	487363.09	3845877.25	4.76E-05	5.14E-05	8.15E-05	1.65E-08	4.97E-08	2.88E-08	3.11E-08	2.82E-08	1.29E-08	2.04E-08	5.50E-10	1.33E-08	2.93E-09	4.22E-09	6.69E-09	1.18E-09	1.07E-08	3.96E-08
3093	487863.09	3845877.25	4.53E-05	4.89E-05	7.78E-05	1.57E-08	4.74E-08	2.74E-08	2.96E-08	2.68E-08	1.22E-08	1.95E-08	5.24E-10	1.27E-08	2.79E-09	4.02E-09	6.38E-09	1.12E-09	1.02E-08	3.77E-08
3094	488363.09	3845877.25	4.46E-05	4.82E-05	7.67E-05	1.54E-08	4.66E-08	2.70E-08	2.91E-08	2.64E-08	1.21E-08	1.92E-08	5.15E-10	1.24E-08	2.75E-09	3.96E-09	6.28E-09	1.11E-09	1.01E-08	3.71E-08
3095	488863.09	3845877.25	4.78E-05	5.17E-05	8.21E-05	1.66E-08	5.00E-08	2.90E-08	3.13E-08	2.83E-08	1.29E-08	2.05E-08	5.53E-10	1.34E-08	2.95E-09	4.24E-09	6.73E-09	1.19E-09	1.08E-08	3.98E-08
3096	489363.09	3845877.25	4.84E-05	5.23E-05	8.32E-05	1.67E-08	5.06E-08	2.93E-08	3.16E-08	2.87E-08	1.31E-08	2.08E-08	5.59E-10	1.35E-08	2.98E-09	4.29E-09	6.81E-09	1.20E-09	1.09E-08	4.03E-08
3097	489863.09	3845877.25	4.79E-05	5.18E-05	8.28E-05	1.66E-08	5.01E-08	2.90E-08	3.13E-08	2.84E-08	1.30E-08	2.07E-08	5.54E-10	1.34E-08	2.95E-09	4.25E-09	6.75E-09	1.19E-09	1.09E-08	4.00E-08
3098	490363.09	3845877.25	4.68E-05	5.06E-05	8.11E-05	1.62E-08	4.89E-08	2.83E-08	3.06E-08	2.77E-08	1.27E-08	2.03E-08	5.41E-10	1.31E-08	2.88E-09	4.15E-09	6.59E-09	1.16E-09	1.06E-08	3.90E-08
3099	490863.09	3845877.25	4.39E-05	4.75E-05	7.64E-05	1.52E-08	4.59E-08	2.66E-08	2.88E-08	2.61E-08	1.19E-08	1.91E-08	5.08E-10	1.23E-08	2.71E-09	3.90E-09	6.19E-09	1.09E-09	1.00E-08	3.67E-08
3100	491363.09	3845877.25	4.73E-05	5.12E-05	8.22E-05	1.64E-08	4.95E-08	2.86E-08	3.10E-08	2.81E-08	1.28E-08	2.06E-08	5.47E-10	1.32E-08	2.92E-09	4.20E-09	6.67E-09	1.18E-09	1.08E-08	3.95E-08
3101	491863.09	3845877.25	5.00E-05	5.41E-05	8.67E-05	1.73E-08	5.23E-08	3.03E-08	3.27E-08	2.96E-08	1.35E-08	2.17E-08	5.78E-10	1.40E-08	3.08E-09	4.44E-09	7.04E-09	1.24E-09	1.14E-08	4.17E-08
3102	492363.09	3845877.25	4.80E-05	5.19E-05	8.35E-05	1.66E-08	5.02E-08	2.90E-08	3.14E-08	2.85E-08	1.30E-08	2.09E-08	5.55E-10	1.34E-08	2.96E-09	4.26E-09	6.77E-09	1.19E-09	1.10E-08	4.01E-08
3103	492863.09	3845877.25	5.42E-05	5.86E-05	9.39E-05	1.88E-08	5.67E-08	3.28E-08	3.55E-08	3.21E-08	1.47E-08	2.35E-08	6.27E-10	1.51E-08	3.34E-09	4.82E-09	7.64E-09	1.35E-09	1.23E-08	4.52E-08
3104	493363.09	3845877.25	5.79E-05	6.26E-05	1.00E-04	2.00E-08	6.05E-08	3.50E-08	3.79E-08	3.43E-08	1.57E-08	2.51E-08	6.69E-10	1.62E-08	3.57E-09	5.14E-09	8.15E-09	1.44E-09	1.32E-08	4.83E-08
3105	493863.09	3845877.25	6.18E-05	6.68E-05	1.07E-04	2.14E-08	6.46E-08	3.74E-08	4.04E-08	3.67E-08	1.67E-08	2.68E-08	7.15E-10	1.73E-08	3.81E-09	5.49E-09	8.71E-09	1.53E-09	1.40E-08	5.16E-08
3106	494363.09	3845877.25	6.59E-05	7.12E-05	1.14E-04	2.28E-08	6.89E-08	3.99E-08	4.31E-08	3.91E-08	1.78E-08	2.85E-08	7.62E-10	1.84E-08	4.06E-09	5.85E-09	9.28E-09	1.64E-09	1.50E-08	5.50E-08
3107	494863.09	3845877.25	6.96E-05	7.52E-05	1.20E-04	2.41E-08	7.27E-08	4.21E-08	4.55E-08	4.12E-08	1.88E-08	3.01E-08	8.04E-10	1.94E-08	4.29E-09	6.18E-09	9.80E-09	1.73E-09	1.58E-08	5.80E-08
3108	495363.09	3845877.25	7.42E-05	8.02E-05	1.28E-04	2.57E-08	7.76E-08	4.49E-08	4.85E-08	4.40E-08	2.01E-08	3.21E-08	8.58E-10	2.07E-08	4.57E-09	6.59E-09	1.04E-08	1.84E-09	1.69E-08	6.19E-08
3109	495863.09	3845877.25	8.00E-05	8.64E-05	1.38E-04	2.77E-08	8.36E-08	4.84E-08	5.23E-08	4.74E-08	2.16E-08	3.46E-08	9.24E-10	2.23E-08	4.93E-09	7.10E-09	1.13E-08	1.98E-09	1.82E-08	6.67E-08
3110	496363.09	3845877.25	8.59E-05	9.28E-05	1.48E-04	2.97E-08	8.98E-08	5.20E-08	5.62E-08	5.09E-08	2.32E-08	3.71E-08	9.93E-10	2.40E-08	5.29E-09	7.62E-09	1.21E-08	2.13E-09	1.95E-08	7.16E-08
3111	496863.09	3845877.25	9.04E-05	9.77E-05	1.56E-04	3.13E-08	9.45E-08	5.47E-08	5.91E-08	5.36E-08	2.44E-08	3.91E-08	1.04E-09	2.52E-08	5.57E-09	8.02E-09	1.27E-08	2.24E-09	2.05E-08	7.54E-08
3112	497363.09	3845877.25	9.53E-05	1.03E-04	1.65E-04	3.30E-08	9.96E-08	5.77E-08	6.23E-08	5.65E-08	2.58E-08	4.12E-08	1.10E-09	2.66E-08	5.87E-09	8.46E-09	1.34E-08	2.37E-09	2.16E-08	7.95E-08
3113	497863.09	3845877.25	1.01E-04	1.09E-04	1.74E-04	3.49E-08	1.05E-07	6.10E-08	6.59E-08	5.97E-08	2.73E-08	4.36E-08	1.17E-09	2.81E-08	6.21E-09	8.95E-09	1.42E-08	2.50E-09	2.29E-08	8.40E-08
3114	498363.09	3845877.25	1.06E-04	1.14E-04	1.83E-04	3.66E-08	1.10E-07	6.40E-08	6.91E-08	6.27E-08	2.86E-08	4.57E-08	1.22E-09	2.95E-08	6.51E-09	9.38E-09	1.49E-08	2.62E-09	2.40E-08	8.81E-08
3115	471363.09	3846377.25	2.06E-04	2.23E-04	3.51E-04	7.15E-08	2.16E-07	1.25E-07	1.35E-07	1.22E-07	5.57E-08	8.78E-08	2.39E-09	5.76E-08	1.27E-08	1.83E-08	2.90E-08	5.11E-09	4.61E-08	1.71E-07
3116	471863.09	3846377.25	1.85E-04	2.00E-04	3.16E-04	6.42E-08	1.94E-07	1.12E-07	1.21E-07	1.10E-07	5.01E-08	7.90E-08	2.14E-09	5.18E-08	1.14E-08	1.64E-08	2.61E-08	4.59E-09	4.15E-08	1.54E-07
3117	472363.09	3846377.25	1.31E-04	1.41E-04	2.24E-04	4.53E-08	1.37E-07	7.92E-08	8.55E-08	7.75E-08	3.54E-08	5.61E-08	1.51E-09	3.66E-08	8.07E-09	1.16E-08	1.84E-08	3.25E-09	2.94E-08	1.09E-07
3118	472863.09	3846377.25	1.28E-04	1.38E-04	2.19E-04	4.43E-08	1.34E-07	7.74E-08	8.35E-08	7.57E-08	3.45E-08	5.47E-08	1.48E-09	3.57E-08	7.88E-09	1.13E-08	1.80E-08	3.17E-09	2.87E-08	1.06E-07
3119	473363.09	3846377.25	1.22E-04	1.32E-04	2.09E-04	4.23E-08	1.28E-07	7.40E-08	7.98E-08	7.24E-08	3.30E-08	5.22E-08	1.41E-09	3.41E-08	7.53E-09	1.08E-08	1.72E-08	3.03E-09	2.74E-08	1.02E-07
3120	473863.09	3846377.25	1.34E-04	1.44E-04	2.28E-04	4.63E-08	1.40E-07	8.09E-08	8.73E-08	7.91E-08	3.61E-08	5.71E-08	1.55E-09	3.73E-08	8.24E-09	1.18E-08	1.88E-08	3.31E-09	2.99E-08	1.11E-07
3121	474363.09	3846377.25	1.49E-04	1.61E-04	2.54E-04	5.17E-08	1.56E-07	9.03E-08	9.74E-08	8.83E-08	4.03E-08	6.36E-08	1.72E-09	4.17E-08	9.19E-09	1.32E-08	2.10E-08	3.70E-09	3.34E-08	1.24E-07
3122	474863.09	3846377.25	1.91E-04	2.06E-04	3.26E-04	6.62E-08	2.00E-07	1.16E-07	1.25E-07	1.13E-07	5.16E-08	8.16E-08	2.21E-09	5.34E-08	1.18E-08	1.69E-08	2.69E-08	4.74E-09	4.28E-08	1.59E-07
3123	475363.09	3846377.25	2.34E-04	2.52E-04	4.00E-04	8.10E-08	2.45E-07	1.42E-07	1.53E-07	1.38E-07	6.32E-08	1.00E-07	2.70E-09	6.53E-08	1.44E-08	2.07E-08	3.29E-08	5.80E-09	5.25E-08	1.94E-07
3124	475863.09	3846377.25	2.53E-04	2.73E-04	4.32E-04	8.75E-08	2.64E-07	1.53E-07	1.65E-07	1.50E-07	6.83E-08	1.08E-07	2.92E-09	7.06E-08	1.56E-08	2.24E-08	3.55E-08	6.26E-09	5.68E-08	2.10E-07
3125	476363.09	3846377.25	2.31E-04	2.49E-04	3.95E-04	8.00E-08	2.42E-07	1.40E-07	1.51E-07	1.37E-07	6.24E-08	9.88E-08	2.67E-09	6.45E-08	1.42E-08	2.05E-08	3.25E-08	5.73E-09	5.19E-08	1.92E-07
3126	476863.09	3846377.25	1.98E-04	2.14E-04	3.38E-04	6.85E-08	2.07E-07	1.20E-07	1.29E-07	1.17E-07	5.34E-08	8.45E-08	2.29E-09	5.53E-08	1.22E-08	1.75E-08	2.78E-08	4.90E-09	4.43E-08	1.64E-07
3127	477363.09	3846377.25	1.75E-04	1.89E-04	2.99E-04	6.06E-08	1.83E-07	1.06E-07	1.14E-07	1.04E-07	4.73E-08	7.47E-08	2.02E-09	4.89E-08	1.08E-08	1.55E-08	2.46E-08	4.34E-09	3.92E-08	1.45E-07
3128	477863.09	3846377.25	1.52E-04	1.64E-04	2.58E-04	5.26E-08	1.59E-07	9.19E-08	9.91E-08	8.98E-08	4.10E-08	6.45E-08	1.76E-09	4.24E-08	9.36E-09	1.35E-08	2.13E-08	3.76E-09	3.39E-08	1.26E-07
3129	478363.09	3846377.25	1.42E-04	1.53E-04	2.41E-04	4.90E-08	1.48E-07	8.56E-08	9.23E-08	8.37E-08	3.82E-08	6.02E-08	1.64E-09	3.95E-08	8.72E-09	1.25E-08	1.99E-08	3.51E-09	3.16E-08	1.17E-07
3130	478863.09	3846377.25	1.41E-04	1.52E-04	2.39E-04	4.87E-08	1.47E-07	8.51E-08	9.18E-08	8.32E-08	3.80E-08	5.99E-08	1.63E-09	3.93E-08	8.67E-09	1.25E-08	1.98E-08	3.48E-09	3.14E-08	1.17E-07
3131	479363.09	3846377.25	1.33E-04	1.44E-04	2.26E-04	4.62E-08	1.39E-07	8.07E-08	8.70E-08	7.89E-08	3.60E-08	5.67E-08	1.54E-09	3.73E-08	8.22E-09	1.18E-08	1.87E-08	3.30E-09	2.97E-08	1.11E-07
3132	479863.09	3846377.25	1.21E-04	1.30E-04	2.05E-04	4.19E-08	1.26E-07	7.32E-08	7.88E-08	7.15E-08	3.26E-08	5.12E-08	1.40E-09	3.38E-08	7.45E-09	1.07E-08	1.70E-08	2.99E-09	2.69E-08	1.00E-07
3133	480363.09	3846377.25	1.17E-04	1.26E-04	1.98E-04	4.04E-08	1.22E-07	7.06E-08	7.61E-08	6.90E-08	3.15E-08	4.95E-08	1.35E-09	3.26E-08	7.18E-09	1.03E-08	1.64E-08	2.89E-09	2.60E-08	9.67E-08
3134	480863.09	3846377.25	1.01E-04	1.09E-04	1.72E-04	3.50E-08	1.06E-07	6.12E-08	6.60E-08	5.98E-08	2.73E-08	4.30E-08	1.17E-09	2.82E-08	6.23E-09	8.96E-09	1.42E-08	2.50E-09	2.25E-08	8.38E-08
3135	481363.09	3846377.25	9.54E-05	1.03E-04	1.62E-04	3.30E-08	9.97E-08	5.77E-08	6.22E-08	5.64E-08	2.57E-08	4.05E-08	1.10E-09	2.66E-08	5.88E-09	8.44E-09	1.34E-08	2.36E-09	2.12E-08	7.90E-08
3136	481863.09	3846377.25	8.85E-05	9.55E-05	1.50E-04	3.07E-08	9.25E-08	5.36E-08	5.78E-08	5.24E-08	2.39E-08	3.76E-08	1.02E-09	2.47E-08	5.46E-09	7.84E-09	1.24E-08	2.19E-09	1.98E-08	7.34E-08
3137	482363.09	3846377.25	7.94E-05	8.56E-05	1.35E-04	2.75E-08	8.30E-08	4.80E-08	5.18E-08	4.69E-08	2.14E-08	3.38E-08	9.18E-10	2.22E-08	4.89E-09	7.03E-09	1.12E-08	1.97E-09	1.77E-08	6.58E-08
3138	482863.09	3846377.25	6.91E-05	7.45E-05	1.17E-04	2.39E-08	7.22E-08	4.18E-08	4.51E-08	4.09E-08	1.86E-08	2.94E-08	7.99E-10	1.93E-08	4.26E-09	6.12E-09	9.71E-09	1.71E-09	1.54E-08	5.73E-08
3139	483363.09	3846377.25	7.02E-05	7.57E-05	1.19E-04	2.43E-08	7.34E-08	4.25E-08	4.58E-08	4.15E-08	1.89E-08	2.99E-08	8.11E-10	1.96E-08	4.32E-09	6.22E-09	9.87E-09	1.74E-09	1.57E-08	5.82E-08
3140	483863.09	3846377.25	6.82E-05	7.36E-05	1.16E-04	2.36E-08	7.13E-08	4.13E-08	4.45E-08	4.04E-08	1.84E-08	2.90E-08	7.89E-10	1.91E-08	4.20E-09	6.04E-09	9.59E-09	1.69E-09	1.52E-08	5.66E-08
3141	484363.09	3846377.25	6.29E-05	6.78E-05	1.07E-04	2.18E-08	6.57E-08	3.80E-08	4.10E-08	3.72E-08	1.70E-08	2.68E-08	7.27E-10	1.76E-08	3.87E-09	5.57E-09	8.83E-09	1.56E-09	1.41E-08	5.22E-08
3142	484863.09	3846377.25	6.53E-05	7.04E-05	1.11E-04	2.26E-08	6.82E-08	3.95E-08	4.26E-08	3.86E-08	1.76E-08	2.78E-08	7.55E-10	1.82E-08	4.02E-09	5.78E-09	9.17E-09	1.62E-09	1.46E-08	5.41E-08
3143	485363.09	3846377.25	6.37E-05	6.87E-05	1.08E-04	2.21E-08	6.66E-08	3.85E-08	4.16E-08	3.77E-08	1.72E-08	2.71E-08	7.36E-10	1.78E-08	3.93E-09	5.64E-09	8.95E-09	1.58E-09	1.42E-08	5.29E-08

3144	485863.09	3846377.25	5.96E-05	6.43E-05	1.02E-04	2.06E-08	6.23E-08	3.61E-08	3.89E-08	3.53E-08	1.61E-08	2.54E-08	6.89E-10	1.66E-08	3.67E-09	5.28E-09	8.38E-09	1.48E-09	1.33E-08	4.95E-08
3145	486363.09	3846377.25	5.28E-05	5.70E-05	9.03E-05	1.83E-08	5.52E-08	3.20E-08	3.45E-08	3.13E-08	1.43E-08	2.26E-08	6.10E-10	1.47E-08	3.25E-09	4.68E-09	7.43E-09	1.31E-09	1.19E-08	4.39E-08
3146	486863.09	3846377.25	5.03E-05	5.43E-05	8.60E-05	1.74E-08	5.25E-08	3.04E-08	3.28E-08	2.98E-08	1.36E-08	2.15E-08	5.81E-10	1.40E-08	3.10E-09	4.46E-09	7.07E-09	1.25E-09	1.13E-08	4.18E-08
3147	487363.09	3846377.25	5.05E-05	5.45E-05	8.66E-05	1.75E-08	5.28E-08	3.06E-08	3.30E-08	2.99E-08	1.37E-08	2.17E-08	5.84E-10	1.41E-08	3.11E-09	4.48E-09	7.11E-09	1.25E-09	1.14E-08	4.20E-08
3148	487863.09	3846377.25	5.36E-05	5.79E-05	9.18E-05	1.86E-08	5.61E-08	3.25E-08	3.50E-08	3.18E-08	1.45E-08	2.30E-08	6.20E-10	1.50E-08	3.31E-09	4.76E-09	7.54E-09	1.33E-09	1.21E-08	4.46E-08
3149	488363.09	3846377.25	5.27E-05	5.68E-05	9.02E-05	1.82E-08	5.50E-08	3.19E-08	3.44E-08	3.12E-08	1.42E-08	2.26E-08	6.09E-10	1.47E-08	3.24E-09	4.67E-09	7.41E-09	1.31E-09	1.18E-08	4.38E-08
3150	488863.09	3846377.25	5.32E-05	5.74E-05	9.13E-05	1.84E-08	5.56E-08	3.22E-08	3.47E-08	3.15E-08	1.44E-08	2.29E-08	6.15E-10	1.49E-08	3.28E-09	4.72E-09	7.48E-09	1.32E-09	1.20E-08	4.43E-08
3151	489363.09	3846377.25	5.37E-05	5.80E-05	9.25E-05	1.86E-08	5.62E-08	3.25E-08	3.51E-08	3.18E-08	1.45E-08	2.31E-08	6.21E-10	1.50E-08	3.31E-09	4.77E-09	7.56E-09	1.33E-09	1.21E-08	4.47E-08
3152	489863.09	3846377.25	5.30E-05	5.73E-05	9.15E-05	1.83E-08	5.54E-08	3.21E-08	3.46E-08	3.14E-08	1.43E-08	2.29E-08	6.13E-10	1.48E-08	3.27E-09	4.70E-09	7.46E-09	1.32E-09	1.20E-08	4.42E-08
3153	490363.09	3846377.25	4.96E-05	5.36E-05	8.60E-05	1.72E-08	5.18E-08	3.00E-08	3.24E-08	2.94E-08	1.34E-08	2.15E-08	5.73E-10	1.38E-08	3.06E-09	4.40E-09	6.99E-09	1.23E-09	1.13E-08	4.14E-08
3154	490863.09	3846377.25	4.90E-05	5.30E-05	8.51E-05	1.70E-08	5.12E-08	2.97E-08	3.21E-08	2.91E-08	1.33E-08	2.13E-08	5.67E-10	1.37E-08	3.02E-09	4.35E-09	6.91E-09	1.22E-09	1.12E-08	4.09E-08
3155	491363.09	3846377.25	5.01E-05	5.42E-05	8.71E-05	1.74E-08	5.24E-08	3.03E-08	3.28E-08	2.97E-08	1.36E-08	2.18E-08	5.79E-10	1.40E-08	3.09E-09	4.45E-09	7.06E-09	1.24E-09	1.14E-08	4.19E-08
3156	491863.09	3846377.25	5.55E-05	6.00E-05	9.61E-05	1.92E-08	5.80E-08	3.36E-08	3.63E-08	3.29E-08	1.50E-08	2.40E-08	6.42E-10	1.55E-08	3.42E-09	4.93E-09	7.82E-09	1.38E-09	1.26E-08	4.63E-08
3157	492363.09	3846377.25	5.65E-05	6.10E-05	9.80E-05	1.95E-08	5.90E-08	3.42E-08	3.69E-08	3.35E-08	1.53E-08	2.45E-08	6.53E-10	1.58E-08	3.48E-09	5.01E-09	7.95E-09	1.40E-09	1.29E-08	4.71E-08
3158	492863.09	3846377.25	5.87E-05	6.35E-05	1.02E-04	2.03E-08	6.14E-08	3.55E-08	3.84E-08	3.48E-08	1.59E-08	2.55E-08	6.79E-10	1.64E-08	3.62E-09	5.21E-09	8.27E-09	1.46E-09	1.34E-08	4.90E-08
3159	493363.09	3846377.25	6.46E-05	6.99E-05	1.12E-04	2.24E-08	6.76E-08	3.91E-08	4.23E-08	3.83E-08	1.75E-08	2.80E-08	7.47E-10	1.80E-08	3.98E-09	5.74E-09	9.10E-09	1.60E-09	1.47E-08	5.39E-08
3160	493863.09	3846377.25	6.93E-05	7.49E-05	1.20E-04	2.40E-08	7.24E-08	4.19E-08	4.53E-08	4.11E-08	1.87E-08	3.00E-08	8.01E-10	1.93E-08	4.27E-09	6.15E-09	9.76E-09	1.72E-09	1.57E-08	5.78E-08
3161	494363.09	3846377.25	7.42E-05	8.02E-05	1.28E-04	2.57E-08	7.76E-08	4.49E-08	4.85E-08	4.40E-08	2.01E-08	3.21E-08	8.58E-10	2.07E-08	4.57E-09	6.59E-09	1.04E-08	1.84E-09	1.69E-08	6.19E-08
3162	494863.09	3846377.25	7.93E-05	8.57E-05	1.37E-04	2.74E-08	8.29E-08	4.80E-08	5.18E-08	4.70E-08	2.14E-08	3.43E-08	9.16E-10	2.21E-08	4.88E-09	7.04E-09	1.12E-08	1.97E-09	1.80E-08	6.61E-08
3163	495363.09	3846377.25	8.49E-05	9.17E-05	1.47E-04	2.94E-08	8.87E-08	5.14E-08	5.55E-08	5.03E-08	2.30E-08	3.67E-08	9.81E-10	2.37E-08	5.23E-09	7.54E-09	1.20E-08	2.11E-09	1.93E-08	7.08E-08
3164	495863.09	3846377.25	9.15E-05	9.89E-05	1.58E-04	3.17E-08	9.56E-08	5.54E-08	5.98E-08	5.42E-08	2.47E-08	3.96E-08	1.06E-09	2.55E-08	5.64E-09	8.12E-09	1.29E-08	2.27E-09	2.08E-08	7.63E-08
3165	496363.09	3846377.25	9.83E-05	1.06E-04	1.70E-04	3.40E-08	1.03E-07	5.95E-08	6.42E-08	5.82E-08	2.66E-08	4.25E-08	1.14E-09	2.74E-08	6.05E-09	8.72E-09	1.38E-08	2.44E-09	2.23E-08	8.19E-08
3166	496863.09	3846377.25	1.05E-04	1.13E-04	1.81E-04	3.63E-08	1.10E-07	6.35E-08	6.86E-08	6.22E-08	2.84E-08	4.54E-08	1.21E-09	2.93E-08	6.46E-09	9.31E-09	1.48E-08	2.60E-09	2.38E-08	8.74E-08
3167	497363.09	3846377.25	1.11E-04	1.20E-04	1.93E-04	3.85E-08	1.16E-07	6.74E-08	7.28E-08	6.60E-08	3.01E-08	4.82E-08	1.29E-09	3.11E-08	6.86E-09	9.88E-09	1.57E-08	2.76E-09	2.53E-08	9.28E-08
3168	497863.09	3846377.25	1.17E-04	1.26E-04	2.02E-04	4.05E-08	1.22E-07	7.08E-08	7.65E-08	6.93E-08	3.16E-08	5.06E-08	1.35E-09	3.27E-08	7.21E-09	1.04E-08	1.65E-08	2.90E-09	2.65E-08	9.75E-08
3169	498363.09	3846377.25	1.22E-04	1.32E-04	2.11E-04	4.22E-08	1.28E-07	7.38E-08	7.98E-08	7.23E-08	3.30E-08	5.27E-08	1.41E-09	3.41E-08	7.52E-09	1.08E-08	1.72E-08	3.03E-09	2.77E-08	1.02E-07
3170	471363.09	3846877.25	2.27E-04	2.44E-04	3.86E-04	7.84E-08	2.37E-07	1.37E-07	1.48E-07	1.34E-07	6.11E-08	9.65E-08	2.62E-09	6.32E-08	1.40E-08	2.01E-08	3.18E-08	5.61E-09	5.07E-08	1.88E-07
3171	471863.09	3846877.25	2.28E-04	2.46E-04	3.87E-04	7.89E-08	2.38E-07	1.38E-07	1.49E-07	1.35E-07	6.15E-08	9.70E-08	2.64E-09	6.37E-08	1.40E-08	2.02E-08	3.20E-08	5.65E-09	5.09E-08	1.89E-07
3172	472363.09	3846877.25	2.16E-04	2.33E-04	3.67E-04	7.47E-08	2.26E-07	1.31E-07	1.41E-07	1.28E-07	5.83E-08	9.19E-08	2.49E-09	6.03E-08	1.33E-08	1.91E-08	3.03E-08	5.35E-09	4.82E-08	1.79E-07
3173	472863.09	3846877.25	1.42E-04	1.53E-04	2.42E-04	4.90E-08	1.48E-07	8.56E-08	9.24E-08	8.38E-08	3.82E-08	6.06E-08	1.64E-09	3.95E-08	8.72E-09	1.25E-08	1.99E-08	3.51E-09	3.18E-08	1.18E-07
3174	473363.09	3846877.25	1.48E-04	1.60E-04	2.54E-04	5.14E-08	1.55E-07	8.98E-08	9.69E-08	8.79E-08	4.01E-08	6.35E-08	1.72E-09	4.15E-08	9.15E-09	1.32E-08	2.09E-08	3.68E-09	3.33E-08	1.23E-07
3175	473863.09	3846877.25	1.52E-04	1.64E-04	2.59E-04	5.27E-08	1.59E-07	9.21E-08	9.93E-08	9.00E-08	4.11E-08	6.49E-08	1.76E-09	4.25E-08	9.38E-09	1.35E-08	2.14E-08	3.77E-09	3.41E-08	1.26E-07
3176	474363.09	3846877.25	1.54E-04	1.66E-04	2.63E-04	5.34E-08	1.61E-07	9.33E-08	1.01E-07	9.12E-08	4.16E-08	6.57E-08	1.78E-09	4.31E-08	9.50E-09	1.37E-08	2.17E-08	3.82E-09	3.45E-08	1.28E-07
3177	474863.09	3846877.25	1.69E-04	1.83E-04	2.89E-04	5.86E-08	1.77E-07	1.02E-07	1.11E-07	1.00E-07	4.57E-08	7.22E-08	1.96E-09	4.73E-08	1.04E-08	1.50E-08	2.38E-08	4.20E-09	3.79E-08	1.41E-07
3178	475363.09	3846877.25	2.01E-04	2.17E-04	3.44E-04	6.97E-08	2.11E-07	1.22E-07	1.32E-07	1.19E-07	5.44E-08	8.60E-08	2.33E-09	5.63E-08	1.24E-08	1.79E-08	2.83E-08	4.99E-09	4.51E-08	1.67E-07
3179	475863.09	3846877.25	2.63E-04	2.84E-04	4.50E-04	9.11E-08	2.75E-07	1.59E-07	1.72E-07	1.56E-07	7.11E-08	1.13E-07	3.04E-09	7.35E-08	1.62E-08	2.33E-08	3.70E-08	6.52E-09	5.91E-08	2.19E-07
3180	476363.09	3846877.25	2.77E-04	2.99E-04	4.74E-04	9.60E-08	2.90E-07	1.68E-07	1.81E-07	1.64E-07	7.49E-08	1.19E-07	3.21E-09	7.75E-08	1.71E-08	2.46E-08	3.90E-08	6.88E-09	6.23E-08	2.31E-07
3181	476863.09	3846877.25	2.50E-04	2.70E-04	4.27E-04	8.66E-08	2.61E-07	1.51E-07	1.63E-07	1.48E-07	6.76E-08	1.07E-07	2.89E-09	6.99E-08	1.54E-08	2.22E-08	3.52E-08	6.20E-09	5.61E-08	2.08E-07
3182	477363.09	3846877.25	2.17E-04	2.34E-04	3.70E-04	7.51E-08	2.27E-07	1.31E-07	1.42E-07	1.28E-07	5.85E-08	9.25E-08	2.51E-09	6.05E-08	1.34E-08	1.92E-08	3.05E-08	5.37E-09	4.86E-08	1.80E-07
3183	477863.09	3846877.25	1.87E-04	2.02E-04	3.19E-04	6.48E-08	1.96E-07	1.13E-07	1.22E-07	1.11E-07	5.05E-08	7.98E-08	2.16E-09	5.23E-08	1.15E-08	1.66E-08	2.63E-08	4.64E-09	4.19E-08	1.55E-07
3184	478363.09	3846877.25	1.70E-04	1.83E-04	2.88E-04	5.88E-08	1.77E-07	1.03E-07	1.11E-07	1.00E-07	4.58E-08	7.21E-08	1.96E-09	4.74E-08	1.05E-08	1.50E-08	2.39E-08	4.20E-09	3.78E-08	1.41E-07
3185	478863.09	3846877.25	1.67E-04	1.80E-04	2.84E-04	5.79E-08	1.75E-07	1.01E-07	1.09E-07	9.89E-08	4.51E-08	7.10E-08	1.93E-09	4.67E-08	1.03E-08	1.48E-08	2.35E-08	4.14E-09	3.73E-08	1.39E-07
3186	479363.09	3846877.25	1.58E-04	1.70E-04	2.69E-04	5.47E-08	1.65E-07	9.56E-08	1.03E-07	9.35E-08	4.27E-08	6.72E-08	1.83E-09	4.41E-08	9.74E-09	1.40E-08	2.22E-08	3.91E-09	3.53E-08	1.31E-07
3187	479863.09	3846877.25	1.24E-04	1.34E-04	2.10E-04	4.29E-08	1.30E-07	7.50E-08	8.09E-08	7.33E-08	3.35E-08	5.26E-08	1.43E-09	3.46E-08	7.64E-09	1.10E-08	1.74E-08	3.07E-09	2.76E-08	1.03E-07
3188	480363.09	3846877.25	1.06E-04	1.14E-04	1.80E-04	3.68E-08	1.11E-07	6.42E-08	6.93E-08	6.28E-08	2.86E-08	4.51E-08	1.23E-09	2.96E-08	6.54E-09	9.40E-09	1.49E-08	2.63E-09	2.37E-08	8.80E-08
3189	480863.09	3846877.25	9.96E-05	1.07E-04	1.70E-04	3.45E-08	1.04E-07	6.03E-08	6.50E-08	5.89E-08	2.69E-08	4.24E-08	1.15E-09	2.78E-08	6.14E-09	8.83E-09	1.40E-08	2.47E-09	2.23E-08	8.27E-08
3190	481363.09	3846877.25	1.01E-04	1.09E-04	1.71E-04	3.49E-08	1.05E-07	6.10E-08	6.58E-08	5.96E-08	2.72E-08	4.28E-08	1.17E-09	2.82E-08	6.21E-09	8.93E-09	1.42E-08	2.50E-09	2.25E-08	8.36E-08
3191	481863.09	3846877.25	9.72E-05	1.05E-04	1.65E-04	3.36E-08	1.02E-07	5.88E-08	6.34E-08	5.75E-08	2.62E-08	4.13E-08	1.12E-09	2.71E-08	5.99E-09	8.60E-09	1.37E-08	2.41E-09	2.17E-08	8.06E-08
3192	482363.09	3846877.25	8.53E-05	9.20E-05	1.45E-04	2.95E-08	8.91E-08	5.16E-08	5.56E-08	5.04E-08	2.30E-08	3.63E-08	9.86E-10	2.38E-08	5.26E-09	7.56E-09	1.20E-08	2.11E-09	1.90E-08	7.08E-08
3193	482863.09	3846877.25	8.24E-05	8.88E-05	1.40E-04	2.85E-08	8.61E-08	4.98E-08	5.37E-08	4.87E-08	2.22E-08	3.50E-08	9.52E-10	2.30E-08	5.08E-09	7.30E-09	1.16E-08	2.04E-09	1.83E-08	6.83E-08
3194	483363.09	3846877.25	7.95E-05	8.57E-05	1.35E-04	2.75E-08	8.31E-08	4.81E-08	5.19E-08	4.70E-08	2.15E-08	3.38E-08	9.19E-10	2.22E-08	4.90E-09	7.04E-09	1.12E-08	1.97E-09	1.77E-08	6.59E-08
3195	483863.09	3846877.25	7.68E-05	8.29E-05	1.31E-04	2.66E-08	8.03E-08	4.65E-08	5.01E-08	4.54E-08	2.07E-08	3.27E-08	8.88E-10	2.15E-08	4.73E-09	6.81E-09	1.08E-08	1.90E-09	1.71E-08	6.37E-08
3196	484363.09	3846877.25	7.43E-05	8.01E-05	1.26E-04	2.57E-08	7.77E-08	4.50E-08	4.85E-08	4.39E-08	2.01E-08	3.16E-08	8.59E-10	2.07E-08	4.58E-09	6.58E-09	1.04E-08	1.84E-09	1.66E-08	6.16E-08
3197	484863.09	3846877.25	7.15E-05	7.71E-05	1.21E-04	2.48E-08	7.47E-08	4.33E-08	4.66E-08	4.23E-08	1.93E-08	3.04E-08	8.26E-10	2.00E-08	4.41E-09	6.33E-09	1.00E-08	1.77E-09	1.59E-08	5.93E-08
3198	485363.09	3846877.25	7.06E-05	7.62E-05	1.20E-04	2.44E-08	7.38E-08	4.27E-08	4.61E-08	4.18E-08	1.91E-08	3.01E-08	8.16E-10	1.97E-08	4.35E-09	6.26E-09	9.92E-09	1.75E-09	1.58E-08	5.86E-08
3199	485863.09	3846877.25	6.68E-05	7.20E-05	1.14E-04	2.31E-08	6.98E-08	4.04E-08	4.36E-08	3.95E-08	1.80E-08	2.85E-08	7.72E-10	1.86E-08	4.11E-09	5.92E-09	9.39E-09	1.65E-09	1.50E-08	5.55E-08
3200	486363.09	3846877.25	6.72E-05	7.25E-05	1.14E-04	2.33E-08	7.03E-08	4.07E-08	4.39E-08	3.98E-08	1.81E-08	2.86E-08	7.77E-10	1.88E-08	4.14E-09	5.96E-09	9.45E-09	1.67E-09	1.50E-08	5.58E-08
3201	486863.09	3846877.25	6.00E-05	6.48E-05	1.02E-04	2.08E-08	6.27E-08	3.63E-08	3.92E-08	3.55E-08	1.62E-08	2.56E-08	6.94E-10	1.68E-08	3.70E-09	5.32E-09	8.44E-09	1.49E-09	1.34E-08	4.98E-08
3202	487363.09	3846877.25	5.99E-05	6.46E-05	1.02E-04	2.07E-08	6.26E-08	3.62E-08	3.91E-08	3.54E-08	1.62E-08	2.56E-08	6.92E-10	1.67E-08	3.69E-09	5.31E-09	8.42E-09	1.48E-09	1.34E-08	4.97E-08
3203	487863.09	3846877.25	5.91E-05	6.38E-05	1.01E-04	2.05E-08	6.18E-08	3.58E-08	3.86E-08	3.50E-08	1.60E-08	2.53E-08	6.84E-10	1.65E-08	3.64E-09	5.24E-09	8.32E-09	1.47E-09	1.33E-08	4.92E-08
3204	488363.09	3846877.25	5.84E-05	6.31E-05	1.00E-04	2.02E-08	6.11E-08	3.53E-08	3.82E-08	3.46E-08	1.58E-08	2.51E-08	6.75E-10	1.63E-08	3.60E-09	5.18E-09	8.22E-09	1.45E-09	1.32E-08	4.86E-08
3205	488863.09	3846877.25	5.94E-05	6.41E-05	1.02E-04	2.06E-08	6.21E-08	3.59E-08	3.88E-08	3.52E-08	1.60E-08	2.55E-08	6.86E-10	1.66E-08	3.66E-09	5.27E-09	8.35E-09	1.47E-09	1.34E-08	4.94E-08
3206	489363.09	3846877.25	6.03E-05	6.52E-05	1.04E-04	2.09E-08	6.31E-08	3.65E-08	3.94E-08	3.57E-08	1.63E-08	2.60E-08	6.97E-10	1.68E-08	3.72E-09	5.35E-09	8.49E-09	1.50E-09	1.36E-08	5.03E-08
3207	489863.09	3846877.25	5.99E-05	6.47E-05	1.03E-04	2.07E-08	6.26E-08	3.63E-08	3.92E-08	3.55E-08	1.62E-08	2.58E-08	6.93E-10	1.67E-08	3.69E-09	5.32E-09	8.43E-09	1.49E-09	1.36E-08	4.99E-08
3208	490363.09	3846877.25	5.65E-05	6.11E-05	9.77E-05	1.96E-08	5.91E-08	3.42E-08	3.69E-08	3.35E-08	1.53E-08	2.45E-08	6.53E-10	1.58E-08	3.48E-09	5.02E-09	7.96E-09	1.40E-09	1.28E-08	4.71E-08
3209	490863.09	3846877.25	5.72E-05	6.18E-05	9.90E-05	1.98E-08	5.98E-08	3.46E-08	3.74E-08	3.39E-08	1.55E-08	2.48E-08	6.61E-10	1.60E-08	3.52E-09	5.08E-09	8.06E-09	1.42E-09	1.30E-08	4.77E-08
3210	491363.09	3846877.25	5.87E-05	6.35E-05	1.02E-04	2.03E-08	6.14E-08	3.55E-08	3.84E-08	3.48E-08	1.59E-08	2.55E-08	6.79E-10	1.64E-08	3.62E-09	5.21E-09	8.27E-09	1.46E-09	1.34E-08	4.90E-08
3211	491863.09	3846877.25	5.90E-05	6.38E-05	1.02E-04	2.04E-08	6.17E-08	3.57E-08	3.86E-08	3.50E-08	1.60E-08	2.56E-08	6.82E-10	1.65E-08	3.63E-09	5.24E-09	8.31E-09	1.46E-09	1.34E-08	4.92E-08
3212	492363.09	3846877.25	6.59E-05	7.12E-05	1.14E-04	2.28E-08	6.89E-08	3.99E-08	4.31E-08	3.91E-08	1.78E-08	2.85E-08	7.62E-10	1.84E-08	4.06E-09	5.85E-09	9.28E-09	1.64E-09	1.50E-08	5.50E-08
3213	492863.09	3846877.25	6.93E-05	7.49E-05	1.20E-04	2.40E-08	7.24E-08	4.19E-08	4.53E-08	4.11E-08	1.87E-08	3.00E-08	8.01E-10	1.93E-08	4.27E-09	6.15E-09	9.76E-09	1.72E-09	1.57E-08	5.78E-08
3214	493363.09	3846877.25	7.46E-05	8.06E-05	1.29E-04	2.58E-08	7.80E-08	4.52E-08	4.88E-08	4.42E-08	2.02E-08	3.23E-08	8.63E-10	2.08E-08	4.60E-09	6.62E-09	1.05E-08	1.85E-09	1.70E-08	6.22E-08
3215	493863.09	3846877.25	7.95E-05	8.60E-05	1.38E-04	2.75E-08	8.31E-08	4.81E-08	5.20E-08	4.71E-08	2.15E-08	3.44E-08	9.19E-10	2.22E-08	4.90E-09	7.06E-09	1.12E-08	1.97E-09	1.81E-08	6.63E-08
3216	494363.09	3846877.25	8.45E-05	9.13E-05	1.46E-04	2.92E-08	8.83E-08	5.11E-08	5.52E-08	5.01E-08	2.28E-08	3.66E-08	9.76E-10	2.36E-08	5.20E-09	7.50E-09	1.19E-08	2.10E-09	1.92E-08	7.04E-08
3217	494863.09	3846877.25	9.02E-05	9.75E-05	1.56E-04	3.12E-08	9.43E-08	5.46E-08	5.90E-08	5.35E-08	2.44E-08	3.91E-08	1.04E-09	2.52E-08	5.56E-09	8.01E-09	1.27E-08	2.24E-09	2.05E-08	7.53E-08
3218	495363.09	3846877.25	9.63E-05	1.04E-04	1.67E-04	3.33E-08	1.01E-07	5.82E-08	6.30E-08	5.71E-08	2.60E-08	4.17E-08	1.11E-09	2.69E-08	5.93E-09	8.55E-09	1.36E-08	2.39E-09	2.19E-08	8.03E-08
3219	495863.09	3846877.25	1.02E-04	1.11E-04	1.77E-04	3.55E-08	1.07E-07	6.20E-08	6.70E-08	6.07E-08	2.77E-08	4.44E-08	1.18E-09	2.86E-08	6.31E-09	9.10E-09	1.44E-08	2.54E-09	2.33E-08	8.55E-08
3220	496363.09	3846877.25	1.09E-04	1.18E-04	1.89E-04	3.78E-08	1.14E-07	6.61E-08	7.14E-08	6.47E-08	2.95E-08	4.73E-08	1.26E-09	3.05E-08	6.73E-09	9.70E-09	1.54E-08	2.71E-09	2.48E-08	9.11E-08
3221	496863.09	3846877.25	1.18E-04	1.27E-04	2.03E-04	4.07E-08	1.23E-07	7.11E-08	7.68E-08	6.96E-08	3.18E-08	5.09E-08	1.36E-09	3.28E-08	7.24E-09	1.04E-08	1.65E-08	2.92E-09	2.67E-08	9.80E-08
3222	497363.09	3846877.25	1.28E-04	1.38E-04	2.21E-04	4.42E-08	1.33E-07	7.72E-08	8.35E-08	7.57E-08	3.45E-08	5.52E-08	1.48E-09	3.56E-08	7.87E-09	1.13E-08	1.80E-08	3.17E-09	2.90E-08	1.06E-07
3223	497863.09	3846877.25	1.37E-04	1.48E-04	2.36E-04	4.74E-08	1.43E-07	8.28E-08	8.94E-08	8.11E-08	3.70E-08	5.91E-08	1.58E-09	3.82E-08	8.43E-09	1.21E-08	1.93E-08	3.39E-09	3.10E-08	1.14E-07
3224	498363.09	3846877.25	1.42E-04	1.53E-04	2.45E-04	4.91E-08	1.48E-07	8.58E-08	9.27E-08	8.41E-08	3.84E-08	6.13E-08	1.64E-09	3.96E-08	8.74E-09	1.26E-08	2.00E-08	3.52E-09	3.22E-08	1.18E-07
3225	471363.09	3847377.25	2.46E-04	2.66E-04	4.21E-04	8.53E-08	2.58E-07	1.49E-07	1.61E-07	1.46E-07	6.65E-08	1.05E-07	2.85E-09	6.88E-08	1.52E-08	2.18E-08	3.46E-08	6.11E-09	5.52E-08	2.05E-07
3226	471863.09	3847377.25	2.49E-04	2.68E-04	4.24E-04	8.61E-08	2.60E-07	1.50E-07	1.62E-07	1.47E-07	6.71E-08	1.06E-07	2.87E-09	6.94E-08	1.53E-08	2.20E-08	3.49E-08	6.16E-09	5.56E-08	2.06E-07
3227	472363.09	3847377.25	2.50E-04	2.70E-04	4.25E-04	8.65E-08	2.61E-07	1.51E-07	1.63E-07	1.48E-07	6.75E-08	1.06E-07	2.89E-09	6.98E-08	1.54E-08	2.21E-08	3.51E-08	6.19E-09	5.58E-08	2.07E-07
3228	472863.09	3847377.25	2.39E-04	2.58E-04	4.07E-04	8.28E-08	2.50E-07	1.45E-07	1.56E-07	1.41E-07	6.45E-08	1.02E-07	2.76E-09	6.68E-08	1.47E-08	2.12E-08	3.36E-08	5.92E-09	5.34E-08	1.98E-07
3229	473363.09	3847377.25	1.89E-04	2.04E-04	3.23E-04	6.56E-08	1.98E-07	1.15E-07	1.24E-07	1.12E-07	5.11E-08	8.08E-08	2.19E-09	5.29E-08	1.17E-08	1.68E-08	2.66E-08	4.69E-09	4.24E-08	1.57E-07
3230	473863.09	3847377.25	1.82E-04	1.96E-04	3.10E-04	6.29E-08	1.90E-07	1.10E-07	1.19E-07	1.08E-07	4.91E-08	7.76E-08	2.10E-09	5.08E-08	1.12E-08	1.61E-08	2.56E-08	4.50E-09	4.07E-08	1.51E-07
3231	474363.09	3847377.25	1.81E-04	1.95E-04	3.08E-04	6.25E-08	1.89E-07	1.09E-07	1.18E-07	1.07E-07	4.88E-08	7.70E-08	2.09E-09	5.05E-08	1.11E-08	1.60E-08	2.54E-08	4.48E-09	4.04E-08	1.50E-07
3232	474863.09	3847377.25	1.73E-04	1.86E-04	2.94E-04	5.98E-08	1.81E-07	1.05E-07	1.13E-07	1.02E-07	4.66E-08	7.36E-08	2.00E-09	4.83E-08	1.06E-08	1.53E-08	2.43E-08	4.28E-09	3.86E-08	1.43E-07
3233	475363.09	3847377.25	1.80E-04	1.94E-04	3.07E-04	6.23E-08	1.88E-07	1.09E-07	1.18E-07	1.07E-07	4.86E-08	7.68E-08	2.08E-09	5.03E-08	1.11E-08	1.60E-08	2.53E-08	4.46E-09	4.03E-08	1.49E-07
3234	475863.09	3847377.25	2.42E-04	2.61E-04	4.13E-04	8.38E-08	2.53E-07	1.46E-07	1.58E-07	1.43E-07	6.54E-08	1.03E-07	2.80E-09	6.76E-08	1.49E-08	2.15E-08	3.40E-08	6.00E-09	5.42E-08	2.01E-07
3235	476363.09	3847377.25	3.23E-04	3.49E-04	5.53E-04	1.12E-07	3.38E-07	1.96E-07	2.11E-07	1.91E-07	8.73E-08	1.38E-07	3.74E-09	9.03E-08	1.99E-08	2.87E-08	4.55E-08	8.01E-09	7.26E-08	2.69E-07
3236	476863.09	3847377.25	3.10E-04	3.34E-04	5.30E-04	1.07E-07	3.24E-07	1.88E-07	2.02E-07	1.83E-07	8.37E-08	1.33E-07	3.58E-09	8.65E-08	1.91E-08	2.75E-08	4.36E-08	7.68E-09	6.96E-08	2.58E-07
3237	477363.09	3847377.25	2.81E-04	3.04E-04	4.80E-04	9.74E-08	2.94E-07	1.70E-07	1.84E-07	1.67E-07	7.60E-08	1.20E-07	3.25E-09	7.86E-08	1.73E-08	2.49E-08	3.96E-08	6.97E-09	6.31E-08	2.34E-07
3238	477863.09	3847377.25	2.38E-04	2.57E-04	4.07E-04	8.25E-08	2.49E-07	1.44E-07	1.56E-07	1.41E-07	6.44E-08	1.02E-07	2.76E-09	6.66E-08	1.47E-08	2.11E-08	3.35E-08	5.91E-09	5.34E-08	1.98E-07
3239	478363.09	3847377.25	2.11E-04	2.28E-04	3.59E-04	7.31E-08	2.21E-07	1.28E-07	1.38E-07	1.25E-07	5.70E-08	8.98E-08	2.44E-09	5.89E-08	1.30E-08	1.87E-08	2.97E-08	5.23E-09	4.71E-08	1.75E-07
3240	478863.09	3847377.25	1.99E-04	2.14E-04	3.37E-04	6.88E-08	2.08E-07	1.20E-07	1.30E-07	1.17E-07	5.36E-08	8.44E-08	2.30E-09	5.55E-08	1.22E-08	1.76E-08	2.79E-08	4.92E-09	4.43E-08	1.65E-07
3241	479363.09	3847377.25	1.62E-04	1.75E-04	2.75E-04	5.61E-08	1.69E-07	9.81E-08	1.06E-07	9.59E-08	4.38E-08	6.89E-08	1.87E-09	4.53E-08	9.99E-09	1.44E-08	2.28E-08	4.02E-09	3.62E-08	1.34E-07
3242	479863.09	3847377.25	1.20E-04	1.30E-04	2.05E-04	4.17E-08	1.26E-07	7.28E-08	7.86E-08	7.12E-08	3.25E-08	5.12E-08	1.39E-09	3.36E-08	7.42E-09	1.07E-08	1.69E-08	2.98E-09	2.69E-08	9.99E-08
3243	480363.09	3847377.25	9.16E-05	9.88E-05	1.56E-04	3.17E-08	9.57E-08	5.54E-08	5.98E-08	5.42E-08	2.47E-08	3.91E-08	1.06E-09	2.56E-08	5.64E-09	8.12E-09	1.29E-08	2.27E-09	2.05E-08	7.60E-08
3244	480863.09	3847377.25	8.39E-05	9.06E-05	1.43E-04	2.91E-08	8.77E-08	5.08E-08	5.48E-08	4.97E-08	2.27E-08	3.59E-08	9.70E-10	2.34E-08	5.17E-09	7.44E-09	1.18E-08	2.08E-09	1.88E-08	6.97E-08
3245	481363.09	3847377.25	9.05E-05	9.76E-05	1.54E-04	3.13E-08	9.46E-08	5.47E-08	5.91E-08	5.35E-08	2.44E-08	3.86E-08	1.05E-09	2.53E-08	5.58E-09	8.02E-09	1.27E-08	2.24E-09	2.02E-08	7.51E-08
3246	481863.09	3847377.25	1.06E-04	1.15E-04	1.80E-04	3.68E-08	1.11E-07	6.43E-08	6.94E-08	6.29E-08	2.87E-08	4.52E-08	1.23E-09	2.97E-08	6.55E-09	9.42E-09	1.49E-08	2.63E-09	2.37E-08	8.82E-08
3247	482363.09	3847377.25	1.02E-04	1.09E-04	1.72E-04	3.51E-08	1.06E-07	6.14E-08	6.62E-08	6.00E-08	2.74E-08	4.31E-08	1.17E-09	2.83E-08	6.26E-09	8.99E-09	1.43E-08	2.51E-09	2.26E-08	8.42E-08
3248	482863.09	3847377.25	9.51E-05	1.02E-04	1.61E-04	3.29E-08	9.94E-08	5.75E-08	6.20E-08	5.62E-08	2.57E-08	4.03E-08	1.10E-09	2.66E-08	5.86E-09	8.42E-09	1.34E-08	2.35E-09	2.12E-08	7.88E-08

3249	483363.09	3847377.25	8.97E-05	9.67E-05	1.52E-04	3.10E-08	9.37E-08	5.42E-08	5.85E-08	5.30E-08	2.42E-08	3.81E-08	1.04E-09	2.50E-08	5.52E-09	7.94E-09	1.26E-08	2.22E-09	2.00E-08	7.44E-08
3250	483863.09	3847377.25	8.63E-05	9.30E-05	1.47E-04	2.99E-08	9.02E-08	5.22E-08	5.63E-08	5.10E-08	2.33E-08	3.67E-08	9.97E-10	2.41E-08	5.32E-09	7.64E-09	1.21E-08	2.14E-09	1.93E-08	7.16E-08
3251	484363.09	3847377.25	8.69E-05	9.36E-05	1.47E-04	3.01E-08	9.08E-08	5.26E-08	5.67E-08	5.14E-08	2.34E-08	3.69E-08	1.00E-09	2.43E-08	5.35E-09	7.69E-09	1.22E-08	2.15E-09	1.94E-08	7.20E-08
3252	484863.09	3847377.25	8.24E-05	8.88E-05	1.40E-04	2.85E-08	8.61E-08	4.98E-08	5.37E-08	4.87E-08	2.22E-08	3.50E-08	9.52E-10	2.30E-08	5.07E-09	7.29E-09	1.16E-08	2.04E-09	1.83E-08	6.83E-08
3253	485363.09	3847377.25	8.01E-05	8.63E-05	1.36E-04	2.77E-08	8.37E-08	4.84E-08	5.22E-08	4.74E-08	2.16E-08	3.41E-08	9.25E-10	2.24E-08	4.93E-09	7.09E-09	1.13E-08	1.98E-09	1.79E-08	6.64E-08
3254	485863.09	3847377.25	7.88E-05	8.50E-05	1.34E-04	2.73E-08	8.24E-08	4.77E-08	5.14E-08	4.66E-08	2.13E-08	3.35E-08	9.11E-10	2.20E-08	4.86E-09	6.98E-09	1.11E-08	1.95E-09	1.76E-08	6.54E-08
3255	486363.09	3847377.25	7.73E-05	8.33E-05	1.31E-04	2.67E-08	8.08E-08	4.68E-08	5.04E-08	4.57E-08	2.09E-08	3.29E-08	8.93E-10	2.16E-08	4.76E-09	6.84E-09	1.09E-08	1.91E-09	1.72E-08	6.41E-08
3256	486863.09	3847377.25	7.05E-05	7.60E-05	1.20E-04	2.44E-08	7.37E-08	4.26E-08	4.60E-08	4.17E-08	1.90E-08	3.00E-08	8.15E-10	1.97E-08	4.34E-09	6.24E-09	9.90E-09	1.75E-09	1.58E-08	5.85E-08
3257	487363.09	3847377.25	6.99E-05	7.54E-05	1.19E-04	2.42E-08	7.30E-08	4.23E-08	4.56E-08	4.14E-08	1.89E-08	2.98E-08	8.08E-10	1.95E-08	4.31E-09	6.19E-09	9.82E-09	1.73E-09	1.56E-08	5.80E-08
3258	487863.09	3847377.25	6.65E-05	7.17E-05	1.14E-04	2.30E-08	6.95E-08	4.02E-08	4.34E-08	3.93E-08	1.80E-08	2.84E-08	7.68E-10	1.86E-08	4.10E-09	5.89E-09	9.35E-09	1.65E-09	1.49E-08	5.52E-08
3259	488363.09	3847377.25	6.60E-05	7.13E-05	1.13E-04	2.29E-08	6.90E-08	3.99E-08	4.31E-08	3.91E-08	1.78E-08	2.83E-08	7.63E-10	1.84E-08	4.07E-09	5.85E-09	9.29E-09	1.64E-09	1.49E-08	5.49E-08
3260	488863.09	3847377.25	6.70E-05	7.23E-05	1.15E-04	2.32E-08	7.00E-08	4.05E-08	4.38E-08	3.97E-08	1.81E-08	2.88E-08	7.74E-10	1.87E-08	4.13E-09	5.94E-09	9.42E-09	1.66E-09	1.51E-08	5.57E-08
3261	489363.09	3847377.25	6.83E-05	7.37E-05	1.17E-04	2.36E-08	7.13E-08	4.13E-08	4.46E-08	4.04E-08	1.84E-08	2.93E-08	7.89E-10	1.91E-08	4.21E-09	6.05E-09	9.60E-09	1.69E-09	1.54E-08	5.68E-08
3262	489863.09	3847377.25	6.74E-05	7.28E-05	1.16E-04	2.33E-08	7.04E-08	4.08E-08	4.40E-08	3.99E-08	1.82E-08	2.91E-08	7.79E-10	1.88E-08	4.15E-09	5.98E-09	9.48E-09	1.67E-09	1.52E-08	5.61E-08
3263	490363.09	3847377.25	6.66E-05	7.20E-05	1.15E-04	2.31E-08	6.97E-08	4.03E-08	4.36E-08	3.95E-08	1.80E-08	2.88E-08	7.70E-10	1.86E-08	4.11E-09	5.92E-09	9.38E-09	1.65E-09	1.51E-08	5.56E-08
3264	490863.09	3847377.25	6.82E-05	7.37E-05	1.18E-04	2.36E-08	7.13E-08	4.13E-08	4.46E-08	4.04E-08	1.84E-08	2.95E-08	7.88E-10	1.90E-08	4.20E-09	6.05E-09	9.60E-09	1.69E-09	1.55E-08	5.68E-08
3265	491363.09	3847377.25	6.93E-05	7.49E-05	1.20E-04	2.40E-08	7.24E-08	4.19E-08	4.53E-08	4.11E-08	1.87E-08	3.00E-08	8.01E-10	1.93E-08	4.27E-09	6.15E-09	9.76E-09	1.72E-09	1.57E-08	5.78E-08
3266	491863.09	3847377.25	7.48E-05	8.08E-05	1.29E-04	2.59E-08	7.82E-08	4.53E-08	4.89E-08	4.43E-08	2.02E-08	3.23E-08	8.64E-10	2.09E-08	4.61E-09	6.64E-09	1.05E-08	1.86E-09	1.70E-08	6.23E-08
3267	492363.09	3847377.25	7.67E-05	8.29E-05	1.33E-04	2.66E-08	8.02E-08	4.64E-08	5.02E-08	4.55E-08	2.08E-08	3.32E-08	8.87E-10	2.14E-08	4.73E-09	6.81E-09	1.08E-08	1.90E-09	1.74E-08	6.40E-08
3268	492863.09	3847377.25	8.23E-05	8.90E-05	1.42E-04	2.85E-08	8.61E-08	4.98E-08	5.38E-08	4.88E-08	2.23E-08	3.57E-08	9.52E-10	2.30E-08	5.07E-09	7.31E-09	1.16E-08	2.04E-09	1.87E-08	6.87E-08
3269	493363.09	3847377.25	8.73E-05	9.43E-05	1.51E-04	3.02E-08	9.12E-08	5.28E-08	5.71E-08	5.17E-08	2.36E-08	3.78E-08	1.01E-09	2.44E-08	5.38E-09	7.75E-09	1.23E-08	2.17E-09	1.98E-08	7.28E-08
3270	493863.09	3847377.25	9.05E-05	9.78E-05	1.57E-04	3.13E-08	9.46E-08	5.48E-08	5.92E-08	5.36E-08	2.45E-08	3.92E-08	1.05E-09	2.53E-08	5.58E-09	8.03E-09	1.27E-08	2.25E-09	2.06E-08	7.55E-08
3271	494363.09	3847377.25	9.42E-05	1.02E-04	1.63E-04	3.26E-08	9.84E-08	5.70E-08	6.16E-08	5.58E-08	2.55E-08	4.08E-08	1.09E-09	2.63E-08	5.80E-09	8.36E-09	1.33E-08	2.34E-09	2.14E-08	7.85E-08
3272	494863.09	3847377.25	9.99E-05	1.08E-04	1.73E-04	3.46E-08	1.04E-07	6.05E-08	6.53E-08	5.92E-08	2.70E-08	4.33E-08	1.16E-09	2.79E-08	6.16E-09	8.87E-09	1.41E-08	2.48E-09	2.27E-08	8.34E-08
3273	495363.09	3847377.25	1.05E-04	1.14E-04	1.82E-04	3.64E-08	1.10E-07	6.37E-08	6.88E-08	6.24E-08	2.85E-08	4.56E-08	1.22E-09	2.94E-08	6.49E-09	9.35E-09	1.48E-08	2.61E-09	2.39E-08	8.78E-08
3274	495863.09	3847377.25	1.12E-04	1.21E-04	1.94E-04	3.89E-08	1.17E-07	6.79E-08	7.34E-08	6.66E-08	3.04E-08	4.87E-08	1.30E-09	3.14E-08	6.92E-09	9.97E-09	1.58E-08	2.79E-09	2.55E-08	9.37E-08
3275	496363.09	3847377.25	1.19E-04	1.29E-04	2.06E-04	4.12E-08	1.24E-07	7.20E-08	7.78E-08	7.06E-08	3.22E-08	5.15E-08	1.38E-09	3.32E-08	7.34E-09	1.06E-08	1.68E-08	2.95E-09	2.71E-08	9.93E-08
3276	496863.09	3847377.25	1.30E-04	1.40E-04	2.25E-04	4.50E-08	1.36E-07	7.86E-08	8.49E-08	7.70E-08	3.51E-08	5.62E-08	1.50E-09	3.63E-08	8.00E-09	1.15E-08	1.83E-08	3.22E-09	2.95E-08	1.08E-07
3277	497363.09	3847377.25	1.43E-04	1.55E-04	2.48E-04	4.96E-08	1.50E-07	8.67E-08	9.37E-08	8.49E-08	3.87E-08	6.20E-08	1.66E-09	4.00E-08	8.83E-09	1.27E-08	2.02E-08	3.56E-09	3.25E-08	1.19E-07
3278	497863.09	3847377.25	1.59E-04	1.72E-04	2.74E-04	5.49E-08	1.66E-07	9.60E-08	1.04E-07	9.41E-08	4.29E-08	6.86E-08	1.83E-09	4.43E-08	9.78E-09	1.41E-08	2.24E-08	3.94E-09	3.60E-08	1.32E-07
3279	498363.09	3847377.25	1.67E-04	1.81E-04	2.89E-04	5.79E-08	1.75E-07	1.01E-07	1.09E-07	9.91E-08	4.52E-08	7.23E-08	1.93E-09	4.67E-08	1.03E-08	1.48E-08	2.36E-08	4.15E-09	3.80E-08	1.39E-07
3280	471363.09	3847877.25	2.68E-04	2.89E-04	4.58E-04	9.27E-08	2.80E-07	1.62E-07	1.75E-07	1.58E-07	7.23E-08	1.15E-07	3.09E-09	7.48E-08	1.65E-08	2.37E-08	3.77E-08	6.64E-09	6.01E-08	2.23E-07
3281	471863.09	3847877.25	2.73E-04	2.95E-04	4.67E-04	9.46E-08	2.86E-07	1.65E-07	1.78E-07	1.62E-07	7.38E-08	1.17E-07	3.16E-09	7.63E-08	1.68E-08	2.42E-08	3.84E-08	6.77E-09	6.13E-08	2.27E-07
3282	472363.09	3847877.25	2.75E-04	2.97E-04	4.70E-04	9.54E-08	2.88E-07	1.67E-07	1.80E-07	1.63E-07	7.44E-08	1.18E-07	3.18E-09	7.69E-08	1.70E-08	2.44E-08	3.87E-08	6.83E-09	6.17E-08	2.29E-07
3283	472863.09	3847877.25	2.76E-04	2.98E-04	4.70E-04	9.55E-08	2.88E-07	1.67E-07	1.80E-07	1.63E-07	7.45E-08	1.18E-07	3.19E-09	7.70E-08	1.70E-08	2.44E-08	3.88E-08	6.83E-09	6.17E-08	2.29E-07
3284	473363.09	3847877.25	2.77E-04	2.99E-04	4.71E-04	9.60E-08	2.90E-07	1.68E-07	1.81E-07	1.64E-07	7.48E-08	1.18E-07	3.21E-09	7.74E-08	1.71E-08	2.46E-08	3.90E-08	6.87E-09	6.19E-08	2.30E-07
3285	473863.09	3847877.25	2.60E-04	2.80E-04	4.42E-04	9.00E-08	2.72E-07	1.57E-07	1.70E-07	1.54E-07	7.02E-08	1.11E-07	3.01E-09	7.26E-08	1.60E-08	2.30E-08	3.66E-08	6.44E-09	5.81E-08	2.16E-07
3286	474363.09	3847877.25	2.13E-04	2.30E-04	3.63E-04	7.37E-08	2.22E-07	1.29E-07	1.39E-07	1.26E-07	5.74E-08	9.08E-08	2.46E-09	5.94E-08	1.31E-08	1.89E-08	2.99E-08	5.27E-09	4.76E-08	1.77E-07
3287	474863.09	3847877.25	2.12E-04	2.28E-04	3.60E-04	7.32E-08	2.21E-07	1.28E-07	1.38E-07	1.25E-07	5.71E-08	9.01E-08	2.45E-09	5.91E-08	1.30E-08	1.87E-08	2.97E-08	5.24E-09	4.73E-08	1.76E-07
3288	475363.09	3847877.25	1.93E-04	2.09E-04	3.29E-04	6.69E-08	2.02E-07	1.17E-07	1.26E-07	1.14E-07	5.22E-08	8.24E-08	2.24E-09	5.40E-08	1.19E-08	1.71E-08	2.72E-08	4.79E-09	4.32E-08	1.60E-07
3289	475863.09	3847877.25	1.98E-04	2.14E-04	3.38E-04	6.86E-08	2.07E-07	1.20E-07	1.29E-07	1.17E-07	5.35E-08	8.45E-08	2.29E-09	5.54E-08	1.22E-08	1.76E-08	2.79E-08	4.91E-09	4.43E-08	1.65E-07
3290	476363.09	3847877.25	2.99E-04	3.22E-04	5.09E-04	1.03E-07	3.12E-07	1.81E-07	1.95E-07	1.77E-07	8.07E-08	1.27E-07	3.45E-09	8.35E-08	1.84E-08	2.65E-08	4.20E-08	7.40E-09	6.69E-08	2.48E-07
3291	476863.09	3847877.25	3.64E-04	3.93E-04	6.22E-04	1.26E-07	3.81E-07	2.20E-07	2.38E-07	2.15E-07	9.83E-08	1.56E-07	4.21E-09	1.02E-07	2.24E-08	3.23E-08	5.12E-08	9.02E-09	8.17E-08	3.03E-07
3292	477363.09	3847877.25	3.61E-04	3.89E-04	6.16E-04	1.25E-07	3.77E-07	2.18E-07	2.35E-07	2.13E-07	9.74E-08	1.54E-07	4.17E-09	1.01E-07	2.22E-08	3.20E-08	5.07E-08	8.94E-09	8.10E-08	3.00E-07
3293	477863.09	3847877.25	3.15E-04	3.40E-04	5.37E-04	1.09E-07	3.29E-07	1.91E-07	2.06E-07	1.86E-07	8.51E-08	1.34E-07	3.64E-09	8.80E-08	1.94E-08	2.79E-08	4.43E-08	7.81E-09	7.06E-08	2.62E-07
3294	478363.09	3847877.25	2.69E-04	2.90E-04	4.59E-04	9.32E-08	2.81E-07	1.63E-07	1.76E-07	1.59E-07	7.27E-08	1.15E-07	3.11E-09	7.51E-08	1.66E-08	2.38E-08	3.78E-08	6.67E-09	6.03E-08	2.23E-07
3295	478863.09	3847877.25	2.33E-04	2.51E-04	3.96E-04	8.07E-08	2.44E-07	1.41E-07	1.52E-07	1.38E-07	6.29E-08	9.91E-08	2.70E-09	6.51E-08	1.44E-08	2.07E-08	3.28E-08	5.78E-09	5.20E-08	1.93E-07
3296	479363.09	3847877.25	1.63E-04	1.76E-04	2.78E-04	5.66E-08	1.71E-07	9.89E-08	1.07E-07	9.67E-08	4.41E-08	6.96E-08	1.89E-09	4.57E-08	1.01E-08	1.45E-08	2.30E-08	4.05E-09	3.65E-08	1.36E-07
3297	479863.09	3847877.25	1.05E-04	1.14E-04	1.80E-04	3.64E-08	1.10E-07	6.37E-08	6.87E-08	6.23E-08	2.84E-08	4.50E-08	1.22E-09	2.94E-08	6.48E-09	9.33E-09	1.48E-08	2.61E-09	2.36E-08	8.74E-08
3298	480363.09	3847877.25	1.07E-04	1.16E-04	1.82E-04	3.71E-08	1.12E-07	6.48E-08	6.99E-08	6.34E-08	2.89E-08	4.57E-08	1.24E-09	2.99E-08	6.60E-09	9.49E-09	1.51E-08	2.65E-09	2.40E-08	8.89E-08
3299	480863.09	3847877.25	9.71E-05	1.05E-04	1.66E-04	3.36E-08	1.01E-07	5.87E-08	6.34E-08	5.74E-08	2.62E-08	4.14E-08	1.12E-09	2.71E-08	5.98E-09	8.60E-09	1.36E-08	2.41E-09	2.17E-08	8.06E-08
3300	481363.09	3847877.25	9.84E-05	1.06E-04	1.68E-04	3.40E-08	1.03E-07	5.95E-08	6.42E-08	5.82E-08	2.66E-08	4.20E-08	1.14E-09	2.75E-08	6.06E-09	8.72E-09	1.38E-08	2.44E-09	2.20E-08	8.17E-08
3301	481863.09	3847877.25	1.23E-04	1.33E-04	2.09E-04	4.26E-08	1.29E-07	7.44E-08	8.02E-08	7.27E-08	3.32E-08	5.22E-08	1.42E-09	3.43E-08	7.58E-09	1.09E-08	1.73E-08	3.05E-09	2.74E-08	1.02E-07
3302	482363.09	3847877.25	1.16E-04	1.26E-04	1.98E-04	4.03E-08	1.22E-07	7.05E-08	7.60E-08	6.89E-08	3.14E-08	4.95E-08	1.35E-09	3.25E-08	7.18E-09	1.03E-08	1.64E-08	2.88E-09	2.60E-08	9.66E-08
3303	482863.09	3847877.25	1.07E-04	1.15E-04	1.81E-04	3.70E-08	1.12E-07	6.46E-08	6.97E-08	6.31E-08	2.88E-08	4.53E-08	1.23E-09	2.98E-08	6.58E-09	9.46E-09	1.50E-08	2.64E-09	2.38E-08	8.85E-08
3304	483363.09	3847877.25	1.01E-04	1.09E-04	1.72E-04	3.51E-08	1.06E-07	6.14E-08	6.61E-08	6.00E-08	2.74E-08	4.30E-08	1.17E-09	2.83E-08	6.25E-09	8.98E-09	1.42E-08	2.51E-09	2.26E-08	8.41E-08
3305	483863.09	3847877.25	9.90E-05	1.07E-04	1.68E-04	3.43E-08	1.03E-07	5.99E-08	6.46E-08	5.85E-08	2.67E-08	4.21E-08	1.14E-09	2.76E-08	6.10E-09	8.77E-09	1.39E-08	2.45E-09	2.21E-08	8.21E-08
3306	484363.09	3847877.25	9.85E-05	1.06E-04	1.67E-04	3.41E-08	1.03E-07	5.96E-08	6.42E-08	5.82E-08	2.66E-08	4.18E-08	1.14E-09	2.75E-08	6.07E-09	8.72E-09	1.38E-08	2.44E-09	2.19E-08	8.16E-08
3307	484863.09	3847877.25	9.52E-05	1.03E-04	1.62E-04	3.29E-08	9.95E-08	5.76E-08	6.21E-08	5.63E-08	2.57E-08	4.04E-08	1.10E-09	2.66E-08	5.86E-09	8.43E-09	1.34E-08	2.36E-09	2.12E-08	7.89E-08
3308	485363.09	3847877.25	9.38E-05	1.01E-04	1.59E-04	3.25E-08	9.80E-08	5.67E-08	6.12E-08	5.55E-08	2.53E-08	3.98E-08	1.08E-09	2.62E-08	5.78E-09	8.31E-09	1.32E-08	2.32E-09	2.09E-08	7.78E-08
3309	485863.09	3847877.25	9.24E-05	9.96E-05	1.57E-04	3.20E-08	9.66E-08	5.59E-08	6.03E-08	5.46E-08	2.49E-08	3.92E-08	1.07E-09	2.58E-08	5.69E-09	8.18E-09	1.30E-08	2.29E-09	2.06E-08	7.66E-08
3310	486363.09	3847877.25	8.63E-05	9.30E-05	1.47E-04	2.99E-08	9.02E-08	5.22E-08	5.63E-08	5.10E-08	2.33E-08	3.67E-08	9.97E-10	2.41E-08	5.32E-09	7.64E-09	1.21E-08	2.14E-09	1.93E-08	7.16E-08
3311	486863.09	3847877.25	8.15E-05	8.79E-05	1.39E-04	2.82E-08	8.52E-08	4.93E-08	5.32E-08	4.82E-08	2.20E-08	3.47E-08	9.42E-10	2.28E-08	5.02E-09	7.22E-09	1.15E-08	2.02E-09	1.82E-08	6.76E-08
3312	487363.09	3847877.25	7.91E-05	8.53E-05	1.35E-04	2.74E-08	8.26E-08	4.78E-08	5.16E-08	4.68E-08	2.13E-08	3.37E-08	9.14E-10	2.21E-08	4.87E-09	7.01E-09	1.11E-08	1.96E-09	1.77E-08	6.56E-08
3313	487863.09	3847877.25	7.60E-05	8.21E-05	1.30E-04	2.63E-08	7.95E-08	4.60E-08	4.96E-08	4.50E-08	2.05E-08	3.26E-08	8.79E-10	2.12E-08	4.68E-09	6.74E-09	1.07E-08	1.88E-09	1.71E-08	6.32E-08
3314	488363.09	3847877.25	7.60E-05	8.20E-05	1.30E-04	2.63E-08	7.94E-08	4.60E-08	4.96E-08	4.50E-08	2.05E-08	3.26E-08	8.78E-10	2.12E-08	4.68E-09	6.74E-09	1.07E-08	1.88E-09	1.71E-08	6.32E-08
3315	488863.09	3847877.25	7.73E-05	8.34E-05	1.33E-04	2.67E-08	8.08E-08	4.68E-08	5.05E-08	4.58E-08	2.09E-08	3.32E-08	8.93E-10	2.16E-08	4.76E-09	6.85E-09	1.09E-08	1.92E-09	1.74E-08	6.43E-08
3316	489363.09	3847877.25	7.92E-05	8.56E-05	1.36E-04	2.74E-08	8.28E-08	4.80E-08	5.18E-08	4.69E-08	2.14E-08	3.40E-08	9.16E-10	2.21E-08	4.88E-09	7.03E-09	1.11E-08	1.97E-09	1.79E-08	6.59E-08
3317	489863.09	3847877.25	8.33E-05	9.00E-05	1.43E-04	2.88E-08	8.71E-08	5.04E-08	5.44E-08	4.93E-08	2.25E-08	3.58E-08	9.63E-10	2.33E-08	5.13E-09	7.39E-09	1.17E-08	2.07E-09	1.88E-08	6.93E-08
3318	490363.09	3847877.25	8.50E-05	9.18E-05	1.46E-04	2.94E-08	8.88E-08	5.14E-08	5.55E-08	5.03E-08	2.30E-08	3.66E-08	9.82E-10	2.37E-08	5.24E-09	7.54E-09	1.20E-08	2.11E-09	1.92E-08	7.08E-08
3319	490863.09	3847877.25	8.54E-05	9.22E-05	1.47E-04	2.96E-08	8.92E-08	5.17E-08	5.58E-08	5.06E-08	2.31E-08	3.68E-08	9.87E-10	2.38E-08	5.26E-09	7.58E-09	1.20E-08	2.12E-09	1.93E-08	7.11E-08
3320	491363.09	3847877.25	8.45E-05	9.13E-05	1.46E-04	2.93E-08	8.83E-08	5.11E-08	5.52E-08	5.01E-08	2.28E-08	3.65E-08	9.77E-10	2.36E-08	5.21E-09	7.50E-09	1.19E-08	2.10E-09	1.92E-08	7.04E-08
3321	491863.09	3847877.25	8.77E-05	9.48E-05	1.51E-04	3.04E-08	9.17E-08	5.31E-08	5.73E-08	5.20E-08	2.37E-08	3.79E-08	1.01E-09	2.45E-08	5.41E-09	7.79E-09	1.24E-08	2.18E-09	1.99E-08	7.31E-08
3322	492363.09	3847877.25	9.25E-05	9.99E-05	1.60E-04	3.20E-08	9.67E-08	5.60E-08	6.05E-08	5.48E-08	2.50E-08	4.00E-08	1.07E-09	2.58E-08	5.70E-09	8.21E-09	1.30E-08	2.30E-09	2.10E-08	7.71E-08
3323	492863.09	3847877.25	9.68E-05	1.05E-04	1.67E-04	3.35E-08	1.01E-07	5.86E-08	6.33E-08	5.74E-08	2.62E-08	4.19E-08	1.12E-09	2.70E-08	5.97E-09	8.60E-09	1.36E-08	2.40E-09	2.20E-08	8.08E-08
3324	493363.09	3847877.25	9.78E-05	1.06E-04	1.69E-04	3.39E-08	1.02E-07	5.92E-08	6.40E-08	5.80E-08	2.65E-08	4.24E-08	1.13E-09	2.73E-08	6.03E-09	8.68E-09	1.38E-08	2.43E-09	2.22E-08	8.16E-08
3325	493863.09	3847877.25	1.01E-04	1.09E-04	1.74E-04	3.48E-08	1.05E-07	6.09E-08	6.58E-08	5.96E-08	2.72E-08	4.36E-08	1.16E-09	2.81E-08	6.20E-09	8.93E-09	1.42E-08	2.50E-09	2.29E-08	8.39E-08
3326	494363.09	3847877.25	1.06E-04	1.14E-04	1.83E-04	3.65E-08	1.10E-07	6.39E-08	6.90E-08	6.26E-08	2.85E-08	4.58E-08	1.22E-09	2.95E-08	6.50E-09	9.37E-09	1.49E-08	2.62E-09	2.40E-08	8.81E-08
3327	494863.09	3847877.25	1.12E-04	1.21E-04	1.94E-04	3.87E-08	1.17E-07	6.76E-08	7.31E-08	6.62E-08	3.02E-08	4.84E-08	1.29E-09	3.12E-08	6.88E-09	9.92E-09	1.57E-08	2.77E-09	2.54E-08	9.32E-08
3328	495363.09	3847877.25	1.16E-04	1.25E-04	2.01E-04	4.01E-08	1.21E-07	7.01E-08	7.57E-08	6.86E-08	3.13E-08	5.02E-08	1.34E-09	3.23E-08	7.13E-09	1.03E-08	1.63E-08	2.87E-09	2.63E-08	9.66E-08
3329	495863.09	3847877.25	1.12E-04	1.21E-04	1.94E-04	3.87E-08	1.17E-07	6.77E-08	7.31E-08	6.63E-08	3.03E-08	4.85E-08	1.29E-09	3.12E-08	6.89E-09	9.93E-09	1.58E-08	2.78E-09	2.55E-08	9.33E-08
3330	496363.09	3847877.25	1.31E-04	1.42E-04	2.27E-04	4.54E-08	1.37E-07	7.93E-08	8.57E-08	7.77E-08	3.55E-08	5.68E-08	1.52E-09	3.66E-08	8.08E-09	1.16E-08	1.85E-08	3.25E-09	2.98E-08	1.09E-07
3331	496863.09	3847877.25	1.42E-04	1.54E-04	2.46E-04	4.92E-08	1.49E-07	8.60E-08	9.29E-08	8.42E-08	3.84E-08	6.15E-08	1.64E-09	3.97E-08	8.76E-09	1.26E-08	2.00E-08	3.53E-09	3.23E-08	1.19E-07
3332	497363.09	3847877.25	1.57E-04	1.70E-04	2.72E-04	5.45E-08	1.65E-07	9.53E-08	1.03E-07	9.33E-08	4.26E-08	6.81E-08	1.82E-09	4.40E-08	9.70E-09	1.40E-08	2.22E-08	3.91E-09	3.58E-08	1.31E-07
3333	497863.09	3847877.25	1.83E-04	1.98E-04	3.17E-04	6.35E-08	1.92E-07	1.11E-07	1.20E-07	1.09E-07	4.96E-08	7.93E-08	2.12E-09	5.12E-08	1.13E-08	1.63E-08	2.58E-08	4.55E-09	4.16E-08	1.53E-07
3334	498363.09	3847877.25	1.98E-04	2.14E-04	3.43E-04	6.86E-08	2.07E-07	1.20E-07	1.30E-07	1.17E-07	5.36E-08	8.57E-08	2.29E-09	5.53E-08	1.22E-08	1.76E-08	2.79E-08	4.92E-09	4.50E-08	1.65E-07
3335	471363.09	3848377.25	2.87E-04	3.09E-04	4.90E-04	9.92E-08	3.00E-07	1.73E-07	1.87E-07	1.70E-07	7.74E-08	1.23E-07	3.31E-09	8.00E-08	1.77E-08	2.54E-08	4.03E-08	7.10E-09	6.44E-08	2.38E-07
3336	471863.09	3848377.25	2.94E-04	3.17E-04	5.03E-04	1.02E-07	3.07E-07	1.78E-07	1.92E-07	1.74E-07	7.95E-08	1.26E-07	3.40E-09	8.21E-08	1.81E-08	2.61E-08	4.14E-08	7.29E-09	6.61E-08	2.45E-07
3337	472363.09	3848377.25	2.99E-04	3.22E-04	5.11E-04	1.03E-07	3.12E-07	1.81E-07	1.95E-07	1.77E-07	8.07E-08	1.28E-07	3.45E-09	8.35E-08	1.84E-08	2.65E-08	4.20E-08	7.41E-09	6.71E-08	2.48E-07
3338	472863.09	3848377.25	3.04E-04	3.28E-04	5.19E-04	1.05E-07	3.18E-07	1.84E-07	1.98E-07	1.80E-07	8.21E-08	1.30E-07	3.51E-09	8.49E-08	1.87E-08	2.69E-08	4.27E-08	7.53E-09	6.82E-08	2.53E-07
3339	473363.09	3848377.25	3.05E-04	3.29E-04	5.20E-04	1.06E-07	3.19E-07	1.85E-07	1.99E-07	1.81E-07	8.24E-08	1.30E-07	3.53E-09	8.52E-08	1.88E-08	2.70E-08	4.29E-08	7.56E-09	6.83E-08	2.53E-07
3340	473863.09	3848377.25	3.07E-04	3.31E-04	5.22E-04	1.06E-07	3.21E-07	1.86E-07	2.00E-07	1.82E-07	8.28E-08	1.31E-07	3.55E-09	8.57E-08	1.89E-08	2.72E-08	4.31E-08	7.60E-09	6.85E-08	2.55E-07
3341	474363.09	3848377.25	2.96E-04	3.20E-04	5.04E-04	1.03E-07	3.10E-07	1.79E-07	1.93E-07	1.75E-07	8.00E-08	1.26E-07	3.43E-09	8.28E-08	1.83E-08	2.63E-08	4.16E-08	7.34E-09	6.62E-08	2.46E-07
3342	474863.09	3848377.25	2.54E-04	2.73E-04	4.32E-04	8.78E-08	2.65E-07	1.53E-07	1.65E-07	1.50E-07	6.84E-08	1.08E-07	2.93E-09	7.08E-08	1.56E-08	2.25E-08	3.56E-08	6.28E-09	5.67E-08	2.10E-07
3343	475363.09	3848377.25	2.59E-04	2.80E-04	4.41E-04	8.98E-08	2.71E-07	1.57E-07	1.69E-07	1.53E-07	7.00E-08	1.10E-07	3.00E-09	7.24E-08	1.60E-08	2.30E-08	3.64E-08	6.42E-09	5.79E-08	2.15E-07
3344	475863.09	3848377.25	2.27E-04	2.44E-04	3.85E-04	7.85E-08	2.37E-07	1.37E-07	1.48E-07	1.34E-07	6.12E-08	9.65E-08	2.62E-09	6.33E-08	1.40E-08	2.01E-08	3.19E-08	5.61E-09	5.06E-08	1.88E-07
3345	476363.09	3848377.25	2.22E-04	2.40E-04	3.79E-04	7.70E-08	2.32E-07	1.35E-07	1.45E-07	1.32E-07	6.00E-08	9.47E-08	2.57E-09	6.21E-08	1.37E-08	1.97E-08	3.13E-08	5.51E-09	4.97E-08	1.85E-07
3346	476863.09	3848377.25	3.54E-04	3.82E-04	6.03E-04	1.23E-07	3.70E-07	2.14E-07	2.31E-07	2.10E-07	9.56E-08	1.51E-07	4.09E-09	9.89E-08	2.18E-08	3.14E-08	4.98E-08	8.77E-09	7.92E-08	2.94E-07
3347	477363.09	3848377.25	4.05E-04	4.37E-04	6.92E-04	1.40E-07	4.24E-07	2.45E-07	2.65E-07	2.40E-07	1.09E-07	1.73E-07	4.68E-09	1.13E-07	2.50E-08	3.59E-08	5.70E-08	1.00E-08	9.09E-08	3.37E-07
3348	477863.09	3848377.25	4.06E-04	4.38E-04	6.93E-04	1.40E-07	4.24E-07	2.45E-07	2.65E-07	2.40E-07	1.10E-07	1.74E-07	4.69E-09	1.13E-07	2.50E-08	3.60E-08	5.70E-08	1.01E-08	9.11E-08	3.37E-07
3349	478363.09	3848377.25	3.44E-04	3.71E-04	5.87E-04	1.19E-07	3.60E-07	2.08E-07	2.25E-07	2.04E-07	9.30E-08	1.47E-07	3.98E-09	9.62E-08	2.12E-08	3.05E-08	4.84E-08	8.53E-09	7.71E-08	2.86E-07
3350	478863.09	3848377.25	2.79E-04	3.01E-04	4.75E-04	9.65E-08	2.91E-07	1.69E-07	1.82E-07	1.65E-07	7.52E-08	1.19E-07	3.22E-09	7.78E-08	1.72E-08	2.47E-08	3.92E-08	6.91E-09	6.24E-08	2.31E-07
3351	479363.09	3848377.25	1.92E-04	2.07E-04	3.26E-04	6.64E-08	2.01E-07	1.16E-07	1.25E-07	1.13E-07	5.18E-08	8.17E-08	2.22E-09	5.36E-08	1.18E-08	1.70E-08	2.70E-08	4.75E-09	4.29E-08	1.59E-07
3352	479863.09	3848377.25	8.59E-05	9.28E-05	1.48E-04	2.98E-08	8.98E-08	5.20E-08	5.62E-08	5.09E-08	2.32E-08	3.70E-08	9.94E-10	2.40E-08	5.30E-09	7.62E-09	1.21E-08	2.13E-09	1.94E-08	7.16E-08
3353	480363.09	3848377.25	1.10E-04	1.19E-04	1.88E-04	3.81E-08	1.15E-07	6.66E-08	7.18E-08	6.51E-08	2.97E-08	4.70E-08	1.27E-09	3.07E-08	6.78E-09	9.75E-09	1.55E-08	2.73E-09	2.47E-08	9.14E-08

3354	480863.09	3848377.25	1.40E-04	1.51E-04	2.39E-04	4.86E-08	1.47E-07	8.50E-08	9.16E-08	8.30E-08	3.79E-08	5.97E-08	1.62E-09	3.92E-08	8.65E-09	1.24E-08	1.97E-08	3.48E-09	3.13E-08	1.16E-07
3355	481363.09	3848377.25	1.40E-04	1.51E-04	2.38E-04	4.86E-08	1.47E-07	8.49E-08	9.15E-08	8.30E-08	3.79E-08	5.97E-08	1.62E-09	3.92E-08	8.64E-09	1.24E-08	1.97E-08	3.47E-09	3.13E-08	1.16E-07
3356	481863.09	3848377.25	1.44E-04	1.55E-04	2.44E-04	4.97E-08	1.50E-07	8.69E-08	9.37E-08	8.49E-08	3.87E-08	6.09E-08	1.66E-09	4.01E-08	8.85E-09	1.27E-08	2.02E-08	3.56E-09	3.20E-08	1.19E-07
3357	482363.09	3848377.25	1.43E-04	1.54E-04	2.42E-04	4.94E-08	1.49E-07	8.63E-08	9.31E-08	8.44E-08	3.85E-08	6.07E-08	1.65E-09	3.98E-08	8.79E-09	1.26E-08	2.01E-08	3.53E-09	3.18E-08	1.18E-07
3358	482863.09	3848377.25	1.25E-04	1.34E-04	2.11E-04	4.31E-08	1.30E-07	7.54E-08	8.12E-08	7.37E-08	3.36E-08	5.28E-08	1.44E-09	3.48E-08	7.68E-09	1.10E-08	1.75E-08	3.08E-09	2.77E-08	1.03E-07
3359	483363.09	3848377.25	1.20E-04	1.29E-04	2.03E-04	4.15E-08	1.25E-07	7.26E-08	7.82E-08	7.09E-08	3.23E-08	5.08E-08	1.39E-09	3.35E-08	7.39E-09	1.06E-08	1.68E-08	2.97E-09	2.67E-08	9.94E-08
3360	483863.09	3848377.25	1.11E-04	1.20E-04	1.88E-04	3.84E-08	1.16E-07	6.71E-08	7.23E-08	6.56E-08	2.99E-08	4.70E-08	1.28E-09	3.10E-08	6.83E-09	9.82E-09	1.56E-08	2.74E-09	2.47E-08	9.19E-08
3361	484363.09	3848377.25	1.07E-04	1.16E-04	1.82E-04	3.71E-08	1.12E-07	6.49E-08	6.99E-08	6.34E-08	2.89E-08	4.55E-08	1.24E-09	2.99E-08	6.61E-09	9.49E-09	1.51E-08	2.65E-09	2.39E-08	8.88E-08
3362	484863.09	3848377.25	1.13E-04	1.21E-04	1.91E-04	3.90E-08	1.18E-07	6.82E-08	7.35E-08	6.66E-08	3.04E-08	4.78E-08	1.30E-09	3.15E-08	6.94E-09	9.98E-09	1.58E-08	2.79E-09	2.51E-08	9.34E-08
3363	485363.09	3848377.25	1.08E-04	1.17E-04	1.84E-04	3.76E-08	1.13E-07	6.56E-08	7.08E-08	6.41E-08	2.93E-08	4.60E-08	1.25E-09	3.03E-08	6.68E-09	9.61E-09	1.52E-08	2.69E-09	2.41E-08	8.99E-08
3364	485863.09	3848377.25	1.06E-04	1.14E-04	1.79E-04	3.66E-08	1.10E-07	6.39E-08	6.89E-08	6.25E-08	2.85E-08	4.48E-08	1.22E-09	2.95E-08	6.51E-09	9.36E-09	1.48E-08	2.62E-09	2.35E-08	8.76E-08
3365	486363.09	3848377.25	1.00E-04	1.08E-04	1.70E-04	3.46E-08	1.05E-07	6.05E-08	6.52E-08	5.91E-08	2.70E-08	4.25E-08	1.16E-09	2.79E-08	6.16E-09	8.86E-09	1.40E-08	2.48E-09	2.23E-08	8.29E-08
3366	486863.09	3848377.25	9.36E-05	1.01E-04	1.59E-04	3.24E-08	9.79E-08	5.66E-08	6.11E-08	5.54E-08	2.53E-08	3.98E-08	1.08E-09	2.61E-08	5.77E-09	8.29E-09	1.32E-08	2.32E-09	2.09E-08	7.77E-08
3367	487363.09	3848377.25	8.78E-05	9.47E-05	1.50E-04	3.04E-08	9.18E-08	5.31E-08	5.73E-08	5.19E-08	2.37E-08	3.75E-08	1.01E-09	2.45E-08	5.41E-09	7.78E-09	1.23E-08	2.17E-09	1.97E-08	7.29E-08
3368	487863.09	3848377.25	8.79E-05	9.48E-05	1.50E-04	3.04E-08	9.18E-08	5.32E-08	5.74E-08	5.20E-08	2.37E-08	3.76E-08	1.02E-09	2.45E-08	5.41E-09	7.79E-09	1.24E-08	2.18E-09	1.97E-08	7.30E-08
3369	488363.09	3848377.25	8.84E-05	9.54E-05	1.51E-04	3.06E-08	9.24E-08	5.35E-08	5.77E-08	5.23E-08	2.39E-08	3.79E-08	1.02E-09	2.47E-08	5.45E-09	7.84E-09	1.24E-08	2.19E-09	1.99E-08	7.35E-08
3370	488863.09	3848377.25	9.04E-05	9.76E-05	1.55E-04	3.13E-08	9.45E-08	5.47E-08	5.90E-08	5.35E-08	2.44E-08	3.88E-08	1.04E-09	2.52E-08	5.57E-09	8.01E-09	1.27E-08	2.24E-09	2.04E-08	7.52E-08
3371	489363.09	3848377.25	9.34E-05	1.01E-04	1.60E-04	3.23E-08	9.76E-08	5.65E-08	6.10E-08	5.53E-08	2.52E-08	4.01E-08	1.08E-09	2.61E-08	5.75E-09	8.28E-09	1.31E-08	2.31E-09	2.10E-08	7.76E-08
3372	489863.09	3848377.25	1.00E-04	1.08E-04	1.71E-04	3.46E-08	1.04E-07	6.05E-08	6.53E-08	5.92E-08	2.70E-08	4.29E-08	1.16E-09	2.79E-08	6.16E-09	8.86E-09	1.41E-08	2.48E-09	2.25E-08	8.31E-08
3373	490363.09	3848377.25	1.01E-04	1.09E-04	1.74E-04	3.51E-08	1.06E-07	6.13E-08	6.62E-08	6.00E-08	2.74E-08	4.36E-08	1.17E-09	2.83E-08	6.24E-09	8.99E-09	1.43E-08	2.51E-09	2.29E-08	8.43E-08
3374	490863.09	3848377.25	1.00E-04	1.08E-04	1.73E-04	3.48E-08	1.05E-07	6.08E-08	6.56E-08	5.95E-08	2.71E-08	4.33E-08	1.16E-09	2.80E-08	6.19E-09	8.91E-09	1.41E-08	2.49E-09	2.27E-08	8.36E-08
3375	491363.09	3848377.25	1.03E-04	1.11E-04	1.77E-04	3.55E-08	1.07E-07	6.20E-08	6.70E-08	6.07E-08	2.77E-08	4.42E-08	1.19E-09	2.86E-08	6.32E-09	9.10E-09	1.44E-08	2.54E-09	2.32E-08	8.54E-08
3376	491863.09	3848377.25	1.06E-04	1.14E-04	1.82E-04	3.66E-08	1.10E-07	6.39E-08	6.90E-08	6.26E-08	2.85E-08	4.56E-08	1.22E-09	2.95E-08	6.51E-09	9.37E-09	1.49E-08	2.62E-09	2.39E-08	8.80E-08
3377	492363.09	3848377.25	1.06E-04	1.15E-04	1.83E-04	3.67E-08	1.11E-07	6.41E-08	6.93E-08	6.28E-08	2.87E-08	4.59E-08	1.23E-09	2.96E-08	6.53E-09	9.41E-09	1.49E-08	2.63E-09	2.41E-08	8.84E-08
3378	492863.09	3848377.25	1.06E-04	1.14E-04	1.83E-04	3.66E-08	1.10E-07	6.39E-08	6.91E-08	6.26E-08	2.86E-08	4.58E-08	1.22E-09	2.95E-08	6.51E-09	9.38E-09	1.49E-08	2.62E-09	2.40E-08	8.82E-08
3379	493363.09	3848377.25	1.09E-04	1.18E-04	1.90E-04	3.79E-08	1.14E-07	6.62E-08	7.16E-08	6.49E-08	2.96E-08	4.75E-08	1.27E-09	3.06E-08	6.74E-09	9.72E-09	1.54E-08	2.72E-09	2.49E-08	9.13E-08
3380	493863.09	3848377.25	1.14E-04	1.23E-04	1.98E-04	3.94E-08	1.19E-07	6.89E-08	7.45E-08	6.76E-08	3.08E-08	4.94E-08	1.32E-09	3.18E-08	7.02E-09	1.01E-08	1.61E-08	2.83E-09	2.59E-08	9.51E-08
3381	494363.09	3848377.25	1.18E-04	1.27E-04	2.04E-04	4.08E-08	1.23E-07	7.13E-08	7.70E-08	6.98E-08	3.19E-08	5.11E-08	1.36E-09	3.29E-08	7.26E-09	1.05E-08	1.66E-08	2.92E-09	2.68E-08	9.83E-08
3382	494863.09	3848377.25	1.25E-04	1.36E-04	2.18E-04	4.34E-08	1.31E-07	7.59E-08	8.21E-08	7.44E-08	3.39E-08	5.44E-08	1.45E-09	3.50E-08	7.73E-09	1.11E-08	1.77E-08	3.12E-09	2.86E-08	1.05E-07
3383	495363.09	3848377.25	1.25E-04	1.35E-04	2.17E-04	4.34E-08	1.31E-07	7.58E-08	8.20E-08	7.43E-08	3.39E-08	5.44E-08	1.45E-09	3.50E-08	7.72E-09	1.11E-08	1.77E-08	3.11E-09	2.85E-08	1.05E-07
3384	495863.09	3848377.25	1.31E-04	1.41E-04	2.27E-04	4.52E-08	1.37E-07	7.91E-08	8.55E-08	7.75E-08	3.53E-08	5.67E-08	1.51E-09	3.65E-08	8.05E-09	1.16E-08	1.84E-08	3.24E-09	2.98E-08	1.09E-07
3385	496363.09	3848377.25	1.44E-04	1.55E-04	2.49E-04	4.98E-08	1.50E-07	8.70E-08	9.40E-08	8.52E-08	3.89E-08	6.23E-08	1.66E-09	4.01E-08	8.86E-09	1.28E-08	2.02E-08	3.57E-09	3.27E-08	1.20E-07
3386	496863.09	3848377.25	1.48E-04	1.60E-04	2.56E-04	5.12E-08	1.55E-07	8.95E-08	9.67E-08	8.76E-08	4.00E-08	6.41E-08	1.71E-09	4.13E-08	9.11E-09	1.31E-08	2.08E-08	3.67E-09	3.36E-08	1.23E-07
3387	497363.09	3848377.25	1.68E-04	1.81E-04	2.91E-04	5.81E-08	1.75E-07	1.02E-07	1.10E-07	9.95E-08	4.54E-08	7.27E-08	1.94E-09	4.69E-08	1.03E-08	1.49E-08	2.36E-08	4.17E-09	3.82E-08	1.40E-07
3388	497863.09	3848377.25	2.20E-04	2.37E-04	3.80E-04	7.61E-08	2.30E-07	1.33E-07	1.44E-07	1.30E-07	5.94E-08	9.50E-08	2.54E-09	6.14E-08	1.35E-08	1.95E-08	3.09E-08	5.45E-09	4.99E-08	1.83E-07
3389	498363.09	3848377.25	2.32E-04	2.51E-04	4.01E-04	8.04E-08	2.43E-07	1.41E-07	1.52E-07	1.38E-07	6.28E-08	1.00E-07	2.68E-09	6.49E-08	1.43E-08	2.06E-08	3.27E-08	5.76E-09	5.27E-08	1.94E-07
3390	471363.09	3848877.25	2.88E-04	3.11E-04	4.92E-04	9.98E-08	3.01E-07	1.74E-07	1.88E-07	1.71E-07	7.79E-08	1.23E-07	3.33E-09	8.05E-08	1.78E-08	2.56E-08	4.05E-08	7.14E-09	6.47E-08	2.40E-07
3391	471863.09	3848877.25	3.09E-04	3.33E-04	5.27E-04	1.07E-07	3.23E-07	1.87E-07	2.01E-07	1.83E-07	8.33E-08	1.32E-07	3.57E-09	8.62E-08	1.90E-08	2.74E-08	4.34E-08	7.65E-09	6.92E-08	2.56E-07
3392	472363.09	3848877.25	3.22E-04	3.48E-04	5.51E-04	1.12E-07	3.37E-07	1.95E-07	2.10E-07	1.91E-07	8.71E-08	1.38E-07	3.73E-09	9.00E-08	1.99E-08	2.86E-08	4.53E-08	7.99E-09	7.24E-08	2.68E-07
3393	472863.09	3848877.25	3.31E-04	3.57E-04	5.66E-04	1.15E-07	3.46E-07	2.00E-07	2.16E-07	1.96E-07	8.95E-08	1.42E-07	3.83E-09	9.25E-08	2.04E-08	2.94E-08	4.66E-08	8.21E-09	7.44E-08	2.75E-07
3394	473363.09	3848877.25	3.40E-04	3.66E-04	5.80E-04	1.18E-07	3.55E-07	2.05E-07	2.22E-07	2.01E-07	9.17E-08	1.45E-07	3.93E-09	9.48E-08	2.09E-08	3.01E-08	4.78E-08	8.42E-09	7.62E-08	2.82E-07
3395	473863.09	3848877.25	3.42E-04	3.69E-04	5.84E-04	1.18E-07	3.58E-07	2.07E-07	2.23E-07	2.02E-07	9.24E-08	1.46E-07	3.95E-09	9.55E-08	2.11E-08	3.03E-08	4.81E-08	8.48E-09	7.66E-08	2.84E-07
3396	474363.09	3848877.25	3.46E-04	3.73E-04	5.89E-04	1.20E-07	3.62E-07	2.09E-07	2.26E-07	2.05E-07	9.34E-08	1.47E-07	4.00E-09	9.67E-08	2.13E-08	3.07E-08	4.87E-08	8.58E-09	7.74E-08	2.87E-07
3397	474863.09	3848877.25	3.27E-04	3.53E-04	5.56E-04	1.13E-07	3.42E-07	1.98E-07	2.13E-07	1.93E-07	8.83E-08	1.39E-07	3.78E-09	9.13E-08	2.02E-08	2.90E-08	4.60E-08	8.10E-09	7.31E-08	2.71E-07
3398	475363.09	3848877.25	3.11E-04	3.36E-04	5.29E-04	1.08E-07	3.25E-07	1.88E-07	2.03E-07	1.84E-07	8.40E-08	1.32E-07	3.60E-09	8.69E-08	1.92E-08	2.76E-08	4.37E-08	7.71E-09	6.95E-08	2.58E-07
3399	475863.09	3848877.25	3.07E-04	3.31E-04	5.21E-04	1.06E-07	3.21E-07	1.86E-07	2.00E-07	1.81E-07	8.28E-08	1.31E-07	3.55E-09	8.57E-08	1.89E-08	2.72E-08	4.31E-08	7.60E-09	6.85E-08	2.55E-07
3400	476363.09	3848877.25	2.77E-04	2.98E-04	4.70E-04	9.57E-08	2.89E-07	1.67E-07	1.80E-07	1.64E-07	7.46E-08	1.18E-07	3.20E-09	7.72E-08	1.70E-08	2.45E-08	3.89E-08	6.85E-09	6.17E-08	2.29E-07
3401	476863.09	3848877.25	2.78E-04	3.00E-04	4.73E-04	9.64E-08	2.91E-07	1.68E-07	1.82E-07	1.65E-07	7.51E-08	1.18E-07	3.22E-09	7.77E-08	1.72E-08	2.47E-08	3.91E-08	6.90E-09	6.22E-08	2.31E-07
3402	477363.09	3848877.25	4.21E-04	4.54E-04	7.16E-04	1.46E-07	4.40E-07	2.54E-07	2.74E-07	2.49E-07	1.14E-07	1.79E-07	4.86E-09	1.17E-07	2.59E-08	3.73E-08	5.91E-08	1.04E-08	9.41E-08	3.49E-07
3403	477863.09	3848877.25	4.76E-04	5.14E-04	8.13E-04	1.65E-07	4.97E-07	2.88E-07	3.11E-07	2.82E-07	1.29E-07	2.04E-07	5.50E-09	1.33E-07	2.93E-08	4.22E-08	6.69E-08	1.18E-08	1.07E-07	3.95E-07
3404	478363.09	3848877.25	4.70E-04	5.07E-04	8.03E-04	1.63E-07	4.91E-07	2.84E-07	3.07E-07	2.78E-07	1.27E-07	2.01E-07	5.43E-09	1.31E-07	2.89E-08	4.16E-08	6.61E-08	1.16E-08	1.05E-07	3.90E-07
3405	478863.09	3848877.25	3.77E-04	4.07E-04	6.43E-04	1.31E-07	3.94E-07	2.28E-07	2.46E-07	2.23E-07	1.02E-07	1.61E-07	4.36E-09	1.05E-07	2.32E-08	3.34E-08	5.30E-08	9.34E-09	8.44E-08	3.13E-07
3406	479363.09	3848877.25	2.84E-04	3.06E-04	4.83E-04	9.82E-08	2.96E-07	1.72E-07	1.85E-07	1.68E-07	7.65E-08	1.21E-07	3.28E-09	7.92E-08	1.75E-08	2.51E-08	3.99E-08	7.02E-09	6.34E-08	2.35E-07
3407	479863.09	3848877.25	2.11E-04	2.28E-04	3.60E-04	7.32E-08	2.21E-07	1.28E-07	1.38E-07	1.25E-07	5.71E-08	9.00E-08	2.44E-09	5.90E-08	1.30E-08	1.87E-08	2.97E-08	5.24E-09	4.72E-08	1.75E-07
3408	480363.09	3848877.25	2.15E-04	2.32E-04	3.65E-04	7.44E-08	2.25E-07	1.30E-07	1.40E-07	1.27E-07	5.80E-08	9.13E-08	2.48E-09	6.00E-08	1.32E-08	1.90E-08	3.02E-08	5.32E-09	4.79E-08	1.78E-07
3409	480863.09	3848877.25	2.12E-04	2.29E-04	3.60E-04	7.35E-08	2.22E-07	1.29E-07	1.39E-07	1.26E-07	5.73E-08	9.01E-08	2.46E-09	5.93E-08	1.31E-08	1.88E-08	2.98E-08	5.26E-09	4.73E-08	1.76E-07
3410	481363.09	3848877.25	1.96E-04	2.11E-04	3.33E-04	6.79E-08	2.05E-07	1.19E-07	1.28E-07	1.16E-07	5.29E-08	8.33E-08	2.27E-09	5.48E-08	1.21E-08	1.74E-08	2.76E-08	4.86E-09	4.37E-08	1.63E-07
3411	481863.09	3848877.25	1.69E-04	1.82E-04	2.86E-04	5.83E-08	1.76E-07	1.02E-07	1.10E-07	9.97E-08	4.55E-08	7.16E-08	1.95E-09	4.71E-08	1.04E-08	1.49E-08	2.37E-08	4.17E-09	3.76E-08	1.40E-07
3412	482363.09	3848877.25	1.44E-04	1.55E-04	2.44E-04	4.97E-08	1.50E-07	8.69E-08	9.36E-08	8.49E-08	3.87E-08	6.10E-08	1.66E-09	4.01E-08	8.84E-09	1.27E-08	2.02E-08	3.55E-09	3.20E-08	1.19E-07
3413	482863.09	3848877.25	1.24E-04	1.34E-04	2.10E-04	4.29E-08	1.30E-07	7.50E-08	8.09E-08	7.33E-08	3.35E-08	5.27E-08	1.43E-09	3.46E-08	7.64E-09	1.10E-08	1.74E-08	3.07E-09	2.76E-08	1.03E-07
3414	483363.09	3848877.25	1.12E-04	1.20E-04	1.90E-04	3.86E-08	1.17E-07	6.75E-08	7.28E-08	6.60E-08	3.01E-08	4.74E-08	1.29E-09	3.11E-08	6.87E-09	9.88E-09	1.57E-08	2.76E-09	2.49E-08	9.25E-08
3415	483863.09	3848877.25	1.09E-04	1.17E-04	1.85E-04	3.76E-08	1.13E-07	6.57E-08	7.08E-08	6.42E-08	2.93E-08	4.62E-08	1.25E-09	3.03E-08	6.69E-09	9.62E-09	1.53E-08	2.69E-09	2.42E-08	9.01E-08
3416	484363.09	3848877.25	1.21E-04	1.30E-04	2.04E-04	4.18E-08	1.26E-07	7.30E-08	7.87E-08	7.13E-08	3.25E-08	5.11E-08	1.39E-09	3.37E-08	7.43E-09	1.07E-08	1.69E-08	2.99E-09	2.68E-08	1.00E-07
3417	484863.09	3848877.25	1.33E-04	1.44E-04	2.26E-04	4.61E-08	1.39E-07	8.06E-08	8.68E-08	7.87E-08	3.59E-08	5.65E-08	1.54E-09	3.72E-08	8.20E-09	1.18E-08	1.87E-08	3.30E-09	2.96E-08	1.10E-07
3418	485363.09	3848877.25	1.27E-04	1.37E-04	2.15E-04	4.40E-08	1.33E-07	7.69E-08	8.29E-08	7.52E-08	3.43E-08	5.38E-08	1.47E-09	3.55E-08	7.83E-09	1.13E-08	1.79E-08	3.15E-09	2.82E-08	1.05E-07
3419	485863.09	3848877.25	1.22E-04	1.32E-04	2.07E-04	4.23E-08	1.28E-07	7.40E-08	7.98E-08	7.23E-08	3.30E-08	5.19E-08	1.41E-09	3.42E-08	7.54E-09	1.08E-08	1.72E-08	3.03E-09	2.72E-08	1.01E-07
3420	486363.09	3848877.25	1.13E-04	1.21E-04	1.91E-04	3.90E-08	1.18E-07	6.82E-08	7.35E-08	6.66E-08	3.04E-08	4.79E-08	1.30E-09	3.15E-08	6.94E-09	9.98E-09	1.58E-08	2.79E-09	2.51E-08	9.34E-08
3421	486863.09	3848877.25	1.04E-04	1.12E-04	1.76E-04	3.59E-08	1.08E-07	6.28E-08	6.77E-08	6.14E-08	2.80E-08	4.41E-08	1.20E-09	2.90E-08	6.39E-09	9.19E-09	1.46E-08	2.57E-09	2.32E-08	8.61E-08
3422	487363.09	3848877.25	1.04E-04	1.13E-04	1.78E-04	3.61E-08	1.09E-07	6.32E-08	6.81E-08	6.18E-08	2.82E-08	4.45E-08	1.21E-09	2.92E-08	6.43E-09	9.25E-09	1.47E-08	2.59E-09	2.34E-08	8.67E-08
3423	487863.09	3848877.25	1.04E-04	1.12E-04	1.77E-04	3.59E-08	1.08E-07	6.27E-08	6.77E-08	6.13E-08	2.80E-08	4.44E-08	1.20E-09	2.89E-08	6.39E-09	9.19E-09	1.46E-08	2.57E-09	2.33E-08	8.61E-08
3424	488363.09	3848877.25	1.06E-04	1.14E-04	1.81E-04	3.66E-08	1.10E-07	6.39E-08	6.90E-08	6.25E-08	2.85E-08	4.52E-08	1.22E-09	2.95E-08	6.51E-09	9.36E-09	1.49E-08	2.62E-09	2.37E-08	8.78E-08
3425	488863.09	3848877.25	1.07E-04	1.16E-04	1.84E-04	3.71E-08	1.12E-07	6.49E-08	7.01E-08	6.35E-08	2.90E-08	4.60E-08	1.24E-09	3.00E-08	6.61E-09	9.51E-09	1.51E-08	2.66E-09	2.42E-08	8.92E-08
3426	489363.09	3848877.25	1.12E-04	1.21E-04	1.92E-04	3.88E-08	1.17E-07	6.79E-08	7.33E-08	6.64E-08	3.03E-08	4.82E-08	1.30E-09	3.13E-08	6.91E-09	9.95E-09	1.58E-08	2.78E-09	2.53E-08	9.33E-08
3427	489863.09	3848877.25	1.18E-04	1.27E-04	2.02E-04	4.08E-08	1.23E-07	7.14E-08	7.71E-08	6.99E-08	3.19E-08	5.07E-08	1.36E-09	3.29E-08	7.27E-09	1.05E-08	1.66E-08	2.93E-09	2.66E-08	9.81E-08
3428	490363.09	3848877.25	1.18E-04	1.27E-04	2.03E-04	4.08E-08	1.23E-07	7.14E-08	7.70E-08	6.98E-08	3.19E-08	5.07E-08	1.36E-09	3.29E-08	7.27E-09	1.05E-08	1.66E-08	2.92E-09	2.66E-08	9.82E-08
3429	490863.09	3848877.25	1.18E-04	1.28E-04	2.04E-04	4.09E-08	1.23E-07	7.15E-08	7.72E-08	7.00E-08	3.19E-08	5.09E-08	1.37E-09	3.30E-08	7.28E-09	1.05E-08	1.66E-08	2.93E-09	2.67E-08	9.84E-08
3430	491363.09	3848877.25	1.22E-04	1.32E-04	2.11E-04	4.23E-08	1.28E-07	7.39E-08	7.99E-08	7.24E-08	3.30E-08	5.28E-08	1.41E-09	3.41E-08	7.53E-09	1.08E-08	1.72E-08	3.03E-09	2.77E-08	1.02E-07
3431	491863.09	3848877.25	1.22E-04	1.32E-04	2.11E-04	4.22E-08	1.28E-07	7.38E-08	7.98E-08	7.23E-08	3.30E-08	5.28E-08	1.41E-09	3.41E-08	7.52E-09	1.08E-08	1.72E-08	3.03E-09	2.77E-08	1.02E-07
3432	492363.09	3848877.25	1.22E-04	1.32E-04	2.11E-04	4.21E-08	1.27E-07	7.36E-08	7.96E-08	7.21E-08	3.29E-08	5.27E-08	1.41E-09	3.40E-08	7.50E-09	1.08E-08	1.71E-08	3.02E-09	2.77E-08	1.02E-07
3433	492863.09	3848877.25	1.20E-04	1.29E-04	2.07E-04	4.14E-08	1.25E-07	7.23E-08	7.82E-08	7.09E-08	3.23E-08	5.19E-08	1.38E-09	3.34E-08	7.37E-09	1.06E-08	1.68E-08	2.97E-09	2.72E-08	9.98E-08
3434	493363.09	3848877.25	1.18E-04	1.28E-04	2.05E-04	4.09E-08	1.23E-07	7.15E-08	7.73E-08	7.01E-08	3.20E-08	5.13E-08	1.37E-09	3.30E-08	7.28E-09	1.05E-08	1.66E-08	2.93E-09	2.69E-08	9.86E-08
3435	493863.09	3848877.25	1.26E-04	1.37E-04	2.19E-04	4.38E-08	1.32E-07	7.65E-08	8.27E-08	7.50E-08	3.42E-08	5.49E-08	1.46E-09	3.53E-08	7.79E-09	1.12E-08	1.78E-08	3.14E-09	2.88E-08	1.06E-07
3436	494363.09	3848877.25	1.33E-04	1.44E-04	2.31E-04	4.60E-08	1.39E-07	8.04E-08	8.69E-08	7.88E-08	3.60E-08	5.77E-08	1.54E-09	3.71E-08	8.19E-09	1.18E-08	1.87E-08	3.30E-09	3.03E-08	1.11E-07
3437	494863.09	3848877.25	1.44E-04	1.55E-04	2.49E-04	4.98E-08	1.50E-07	8.70E-08	9.40E-08	8.52E-08	3.89E-08	6.24E-08	1.66E-09	4.01E-08	8.86E-09	1.28E-08	2.02E-08	3.57E-09	3.27E-08	1.20E-07
3438	495363.09	3848877.25	1.53E-04	1.65E-04	2.64E-04	5.28E-08	1.60E-07	9.23E-08	9.98E-08	9.05E-08	4.13E-08	6.62E-08	1.76E-09	4.26E-08	9.40E-09	1.36E-08	2.15E-08	3.79E-09	3.47E-08	1.27E-07
3439	495863.09	3848877.25	1.50E-04	1.62E-04	2.59E-04	5.18E-08	1.56E-07	9.05E-08	9.79E-08	8.87E-08	4.05E-08	6.49E-08	1.73E-09	4.18E-08	9.22E-09	1.33E-08	2.11E-08	3.72E-09	3.41E-08	1.25E-07
3440	496363.09	3848877.25	1.58E-04	1.71E-04	2.74E-04	5.48E-08	1.66E-07	9.58E-08	1.04E-07	9.39E-08	4.28E-08	6.87E-08	1.83E-09	4.42E-08	9.76E-09	1.41E-08	2.23E-08	3.93E-09	3.60E-08	1.32E-07
3441	496863.09	3848877.25	1.79E-04	1.94E-04	3.10E-04	6.21E-08	1.87E-07	1.09E-07	1.17E-07	1.06E-07	4.85E-08	7.77E-08	2.07E-09	5.01E-08	1.10E-08	1.59E-08	2.53E-08	4.45E-09	4.08E-08	1.50E-07
3442	497363.09	3848877.25	2.24E-04	2.42E-04	3.88E-04	7.77E-08	2.35E-07	1.36E-07	1.47E-07	1.33E-07	6.07E-08	9.71E-08	2.59E-09	6.26E-08	1.38E-08	1.99E-08	3.16E-08	5.57E-09	5.10E-08	1.87E-07
3443	497863.09	3848877.25	2.51E-04	2.71E-04	4.33E-04	8.68E-08	2.62E-07	1.52E-07	1.64E-07	1.49E-07	6.78E-08	1.08E-07	2.90E-09	7.00E-08	1.55E-08	2.23E-08	3.53E-08	6.22E-09	5.69E-08	2.09E-07
3444	498363.09	3848877.25	2.74E-04	2.96E-04	4.73E-04	9.48E-08	2.86E-07	1.66E-07	1.79E-07	1.62E-07	7.40E-08	1.18E-07	3.16E-09	7.64E-08	1.69E-08	2.43E-08	3.85E-08	6.79E-09	6.21E-08	2.28E-07
3445	471363.09	3849377.25	2.71E-04	2.93E-04	4.62E-04	9.39E-08	2.83E-07	1.64E-07	1.77E-07	1.60E-07	7.32E-08	1.16E-07	3.14E-09	7.57E-08	1.67E-08	2.40E-08	3.81E-08	6.72E-09	6.07E-08	2.25E-07
3446	471863.09	3849377.25	3.04E-04	3.28E-04	5.19E-04	1.05E-07	3.18E-07	1.84E-07	1.99E-07	1.80E-07	8.22E-08	1.30E-07	3.52E-09	8.50E-08	1.88E-08	2.70E-08	4.28E-08	7.54E-09	6.82E-08	2.53E-07
3447	472363.09	3849377.25	3.29E-04	3.55E-04	5.61E-04	1.14E-07	3.44E-07	1.99E-07	2.15E-07	1.95E-07	8.88E-08	1.40E-07	3.80E-09	9.18E-08	2.03E-08	2.92E-08	4.62E-08	8.15E-09	7.37E-08	2.73E-07
3448	472863.09	3849377.25	3.50E-04	3.78E-04	5.98E-04	1.21E-07	3.66E-07	2.12E-07	2.29E-07	2.07E-07	9.46E-08	1.50E-07	4.05E-09	9.78E-08	2.16E-08	3.10E-08	4.92E-08	8.68E-09	7.86E-08	2.91E-07
3449	473363.09	3849377.25	3.66E-04	3.95E-04	6.26E-04	1.27E-07	3.83E-07	2.21E-07	2.39E-07	2.17E-07	9.89E-08	1.57E-07	4.23E-09	1.02E-07	2.26E-08	3.24E-08	5.15E-08	9.07E-09	8.22E-08	3.04E-07
3450	473863.09	3849377.25	3.78E-04	4.07E-04	6.46E-04	1.31E-07	3.95E-07	2.28E-07	2.47E-07	2.23E-07	1.02E-07	1.62E-07	4.37E-09	1.05E-07	2.33E-08	3.35E-08	5.31E-08	9.36E-09	8.48E-08	3.14E-07
3451	474363.09	3849377.25	3.85E-04	4.15E-04	6.57E-04	1.33E-07	4.02E-07	2.33E-07	2.51E-07	2.28E-07	1.04E-07	1.64E-07	4.45E-09	1.07E-07	2.37E-08	3.41E-08	5.41E-08	9.53E-09	8.63E-08	3.19E-07
3452	474863.09	3849377.25	3.90E-04	4.21E-04	6.65E-04	1.35E-07	4.08E-07	2.36E-07	2.55E-07	2.31E-07	1.05E-07	1.66E-07	4.51E-09	1.09E-07	2.40E-08	3.46E-08	5.48E-08	9.66E-09	8.73E-08	3.24E-07
3453	475363.09	3849377.25	3.88E-04	4.19E-04	6.60E-04	1.34E-07	4.06E-07	2.35E-07	2.53E-07	2.30E-07	1.05E-07	1.65E-07	4.49E-09	1.08E-07	2.39E-08	3.44E-08	5.46E-08	9.62E-09	8.67E-08	3.22E-07
3454	475863.09	3849377.25	3.89E-04	4.20E-04	6.60E-04	1.35E-07	4.07E-07	2.35E-07	2.54E-07	2.30E-07	1.05E-07	1.65E-07	4.50E-09	1.09E-07	2.40E-08	3.45E-08	5.47E-08	9.64E-09	8.67E-08	3.23E-07
3455	476363.09	3849377.25	3.79E-04	4.08E-04	6.42E-04	1.31E-07	3.96E-07	2.29E-07	2.47E-07	2.24E-07	1.02E-07	1.61E-07	4.38E-09	1.06E-07	2.33E-08	3.36E-08	5.32E-08	9.38E-09	8.43E-08	3.14E-07
3456	476863.09	3849377.25	3.52E-04	3.80E-04	5.97E-04	1.22E-07	3.68E-07	2.13E-07	2.30E-07	2.08E-07	9.50E-08	1.49E-07	4.07E-09	9.84E-08	2.17E-08	3.12E-08	4.95E-08	8.72E-09	7.84E-08	2.92E-07
3457	477363.09	3849377.25	3.62E-04	3.91E-04	6.15E-04	1.25E-07	3.79E-07	2.19E-07	2.36E-07	2.14E-07	9.78E-08	1.54E-07	4.19E-09	1.01E-07	2.23E-08	3.21E-08	5.09E-08	8.97E-09	8.07E-08	3.00E-07
3458	477863.09	3849377.25	4.57E-04	4.93E-04	7.79E-04	1.58E-07	4.78E-07	2.77E-07	2.98E-07	2.70E-07	1.23E-07	1.95E-07	5.29E-09	1.28E-07	2.82E-08	4.05E-08	6.43E-08	1.13E-08	1.02E-07	3.80E-07

3459	478363.09	3849377.25	5.54E-04	5.98E-04	9.47E-04	1.92E-07	5.79E-07	3.35E-07	3.62E-07	3.28E-07	1.50E-07	2.37E-07	6.41E-09	1.55E-07	3.41E-08	4.91E-08	7.79E-08	1.37E-08	1.24E-07	4.60E-07
3460	478863.09	3849377.25	5.00E-04	5.40E-04	8.55E-04	1.73E-07	5.23E-07	3.03E-07	3.27E-07	2.96E-07	1.35E-07	2.14E-07	5.79E-09	1.40E-07	3.08E-08	4.44E-08	7.04E-08	1.24E-08	1.12E-07	4.16E-07
3461	479363.09	3849377.25	4.17E-04	4.50E-04	7.11E-04	1.44E-07	4.36E-07	2.52E-07	2.72E-07	2.47E-07	1.13E-07	1.78E-07	4.82E-09	1.16E-07	2.57E-08	3.70E-08	5.86E-08	1.03E-08	9.34E-08	3.46E-07
3462	479863.09	3849377.25	3.02E-04	3.25E-04	5.13E-04	1.04E-07	3.15E-07	1.82E-07	1.97E-07	1.78E-07	8.14E-08	1.28E-07	3.49E-09	8.42E-08	1.86E-08	2.67E-08	4.24E-08	7.47E-09	6.74E-08	2.50E-07
3463	480363.09	3849377.25	3.23E-04	3.49E-04	5.48E-04	1.12E-07	3.38E-07	1.96E-07	2.11E-07	1.91E-07	8.73E-08	1.37E-07	3.74E-09	9.03E-08	1.99E-08	2.86E-08	4.54E-08	8.01E-09	7.20E-08	2.68E-07
3464	480863.09	3849377.25	2.88E-04	3.10E-04	4.87E-04	9.97E-08	3.01E-07	1.74E-07	1.88E-07	1.70E-07	7.77E-08	1.22E-07	3.33E-09	8.04E-08	1.77E-08	2.55E-08	4.04E-08	7.13E-09	6.39E-08	2.38E-07
3465	481363.09	3849377.25	2.30E-04	2.48E-04	3.90E-04	7.96E-08	2.40E-07	1.39E-07	1.50E-07	1.36E-07	6.20E-08	9.76E-08	2.66E-09	6.42E-08	1.42E-08	2.04E-08	3.23E-08	5.69E-09	5.12E-08	1.91E-07
3466	481863.09	3849377.25	1.66E-04	1.79E-04	2.82E-04	5.75E-08	1.74E-07	1.00E-07	1.08E-07	9.82E-08	4.48E-08	7.06E-08	1.92E-09	4.64E-08	1.02E-08	1.47E-08	2.33E-08	4.11E-09	3.71E-08	1.38E-07
3467	482363.09	3849377.25	1.50E-04	1.61E-04	2.54E-04	5.18E-08	1.56E-07	9.05E-08	9.76E-08	8.85E-08	4.04E-08	6.37E-08	1.73E-09	4.18E-08	9.22E-09	1.33E-08	2.10E-08	3.70E-09	3.34E-08	1.24E-07
3468	482863.09	3849377.25	1.27E-04	1.37E-04	2.16E-04	4.40E-08	1.33E-07	7.69E-08	8.30E-08	7.52E-08	3.43E-08	5.41E-08	1.47E-09	3.55E-08	7.84E-09	1.13E-08	1.79E-08	3.15E-09	2.84E-08	1.06E-07
3469	483363.09	3849377.25	1.18E-04	1.27E-04	2.01E-04	4.08E-08	1.23E-07	7.13E-08	7.69E-08	6.97E-08	3.18E-08	5.02E-08	1.36E-09	3.29E-08	7.26E-09	1.04E-08	1.66E-08	2.92E-09	2.64E-08	9.78E-08
3470	483863.09	3849377.25	1.03E-04	1.11E-04	1.76E-04	3.58E-08	1.08E-07	6.25E-08	6.74E-08	6.11E-08	2.79E-08	4.40E-08	1.19E-09	2.88E-08	6.36E-09	9.15E-09	1.45E-08	2.56E-09	2.31E-08	8.57E-08
3471	484363.09	3849377.25	1.33E-04	1.43E-04	2.25E-04	4.60E-08	1.39E-07	8.05E-08	8.68E-08	7.86E-08	3.59E-08	5.64E-08	1.54E-09	3.71E-08	8.20E-09	1.18E-08	1.87E-08	3.29E-09	2.96E-08	1.10E-07
3472	484863.09	3849377.25	1.56E-04	1.68E-04	2.64E-04	5.39E-08	1.63E-07	9.42E-08	1.02E-07	9.21E-08	4.20E-08	6.60E-08	1.80E-09	4.35E-08	9.60E-09	1.38E-08	2.19E-08	3.86E-09	3.46E-08	1.29E-07
3473	485363.09	3849377.25	1.51E-04	1.62E-04	2.55E-04	5.21E-08	1.57E-07	9.11E-08	9.82E-08	8.90E-08	4.06E-08	6.37E-08	1.74E-09	4.20E-08	9.28E-09	1.33E-08	2.11E-08	3.73E-09	3.35E-08	1.25E-07
3474	485863.09	3849377.25	1.20E-04	1.30E-04	2.04E-04	4.16E-08	1.26E-07	7.27E-08	7.84E-08	7.11E-08	3.24E-08	5.10E-08	1.39E-09	3.36E-08	7.40E-09	1.06E-08	1.69E-08	2.98E-09	2.68E-08	9.96E-08
3475	486363.09	3849377.25	1.05E-04	1.13E-04	1.78E-04	3.62E-08	1.09E-07	6.33E-08	6.82E-08	6.19E-08	2.82E-08	4.46E-08	1.21E-09	2.92E-08	6.44E-09	9.26E-09	1.47E-08	2.59E-09	2.34E-08	8.68E-08
3476	486863.09	3849377.25	1.20E-04	1.29E-04	2.04E-04	4.14E-08	1.25E-07	7.24E-08	7.81E-08	7.08E-08	3.23E-08	5.10E-08	1.38E-09	3.34E-08	7.37E-09	1.06E-08	1.68E-08	2.96E-09	2.68E-08	9.93E-08
3477	487363.09	3849377.25	1.25E-04	1.35E-04	2.14E-04	4.34E-08	1.31E-07	7.58E-08	8.18E-08	7.41E-08	3.38E-08	5.35E-08	1.45E-09	3.50E-08	7.72E-09	1.11E-08	1.76E-08	3.10E-09	2.81E-08	1.04E-07
3478	487863.09	3849377.25	1.25E-04	1.35E-04	2.14E-04	4.33E-08	1.31E-07	7.56E-08	8.16E-08	7.39E-08	3.37E-08	5.34E-08	1.44E-09	3.49E-08	7.70E-09	1.11E-08	1.76E-08	3.10E-09	2.80E-08	1.04E-07
3479	488363.09	3849377.25	1.27E-04	1.37E-04	2.17E-04	4.40E-08	1.33E-07	7.69E-08	8.30E-08	7.52E-08	3.43E-08	5.44E-08	1.47E-09	3.55E-08	7.83E-09	1.13E-08	1.79E-08	3.15E-09	2.85E-08	1.06E-07
3480	488863.09	3849377.25	1.32E-04	1.42E-04	2.26E-04	4.57E-08	1.38E-07	7.99E-08	8.62E-08	7.81E-08	3.56E-08	5.65E-08	1.53E-09	3.69E-08	8.13E-09	1.17E-08	1.86E-08	3.27E-09	2.96E-08	1.10E-07
3481	489363.09	3849377.25	1.37E-04	1.48E-04	2.35E-04	4.74E-08	1.43E-07	8.29E-08	8.95E-08	8.11E-08	3.70E-08	5.87E-08	1.58E-09	3.83E-08	8.44E-09	1.21E-08	1.93E-08	3.40E-09	3.08E-08	1.14E-07
3482	489863.09	3849377.25	1.41E-04	1.52E-04	2.42E-04	4.88E-08	1.47E-07	8.53E-08	9.21E-08	8.35E-08	3.81E-08	6.06E-08	1.63E-09	3.94E-08	8.69E-09	1.25E-08	1.98E-08	3.50E-09	3.18E-08	1.17E-07
3483	490363.09	3849377.25	1.41E-04	1.53E-04	2.43E-04	4.89E-08	1.48E-07	8.55E-08	9.23E-08	8.37E-08	3.82E-08	6.08E-08	1.63E-09	3.94E-08	8.70E-09	1.25E-08	1.99E-08	3.50E-09	3.19E-08	1.18E-07
3484	490863.09	3849377.25	1.44E-04	1.55E-04	2.48E-04	4.97E-08	1.50E-07	8.69E-08	9.38E-08	8.51E-08	3.88E-08	6.20E-08	1.66E-09	4.01E-08	8.85E-09	1.27E-08	2.02E-08	3.56E-09	3.25E-08	1.20E-07
3485	491363.09	3849377.25	1.49E-04	1.61E-04	2.57E-04	5.15E-08	1.55E-07	9.00E-08	9.72E-08	8.81E-08	4.02E-08	6.43E-08	1.72E-09	4.15E-08	9.16E-09	1.32E-08	2.09E-08	3.69E-09	3.38E-08	1.24E-07
3486	491863.09	3849377.25	1.49E-04	1.61E-04	2.57E-04	5.15E-08	1.55E-07	9.00E-08	9.72E-08	8.81E-08	4.02E-08	6.44E-08	1.72E-09	4.15E-08	9.16E-09	1.32E-08	2.09E-08	3.69E-09	3.38E-08	1.24E-07
3487	492363.09	3849377.25	1.49E-04	1.61E-04	2.58E-04	5.16E-08	1.56E-07	9.02E-08	9.75E-08	8.84E-08	4.03E-08	6.46E-08	1.72E-09	4.16E-08	9.19E-09	1.32E-08	2.10E-08	3.70E-09	3.39E-08	1.24E-07
3488	492863.09	3849377.25	1.42E-04	1.54E-04	2.47E-04	4.93E-08	1.49E-07	8.62E-08	9.32E-08	8.45E-08	3.85E-08	6.19E-08	1.65E-09	3.98E-08	8.78E-09	1.27E-08	2.01E-08	3.54E-09	3.25E-08	1.19E-07
3489	493363.09	3849377.25	1.45E-04	1.57E-04	2.52E-04	5.03E-08	1.52E-07	8.80E-08	9.51E-08	8.62E-08	3.93E-08	6.31E-08	1.68E-09	4.06E-08	8.96E-09	1.29E-08	2.05E-08	3.61E-09	3.31E-08	1.21E-07
3490	493863.09	3849377.25	1.51E-04	1.64E-04	2.63E-04	5.24E-08	1.58E-07	9.16E-08	9.91E-08	8.98E-08	4.10E-08	6.58E-08	1.75E-09	4.23E-08	9.33E-09	1.35E-08	2.13E-08	3.76E-09	3.45E-08	1.26E-07
3491	494363.09	3849377.25	1.63E-04	1.76E-04	2.83E-04	5.64E-08	1.70E-07	9.86E-08	1.07E-07	9.66E-08	4.41E-08	7.08E-08	1.88E-09	4.55E-08	1.00E-08	1.45E-08	2.30E-08	4.05E-09	3.71E-08	1.36E-07
3492	494863.09	3849377.25	1.89E-04	2.04E-04	3.27E-04	6.53E-08	1.97E-07	1.14E-07	1.23E-07	1.12E-07	5.10E-08	8.18E-08	2.18E-09	5.27E-08	1.16E-08	1.67E-08	2.66E-08	4.68E-09	4.29E-08	1.57E-07
3493	495363.09	3849377.25	2.04E-04	2.20E-04	3.53E-04	7.06E-08	2.13E-07	1.23E-07	1.33E-07	1.21E-07	5.51E-08	8.83E-08	2.36E-09	5.69E-08	1.26E-08	1.81E-08	2.87E-08	5.06E-09	4.63E-08	1.70E-07
3494	495863.09	3849377.25	1.77E-04	1.91E-04	3.07E-04	6.12E-08	1.85E-07	1.07E-07	1.16E-07	1.05E-07	4.79E-08	7.67E-08	2.05E-09	4.94E-08	1.09E-08	1.57E-08	2.49E-08	4.39E-09	4.03E-08	1.48E-07
3495	496363.09	3849377.25	1.79E-04	1.94E-04	3.11E-04	6.21E-08	1.87E-07	1.08E-07	1.17E-07	1.06E-07	4.85E-08	7.78E-08	2.07E-09	5.01E-08	1.10E-08	1.59E-08	2.53E-08	4.45E-09	4.08E-08	1.50E-07
3496	496863.09	3849377.25	2.34E-04	2.52E-04	4.04E-04	8.08E-08	2.44E-07	1.41E-07	1.53E-07	1.38E-07	6.31E-08	1.01E-07	2.70E-09	6.52E-08	1.44E-08	2.07E-08	3.29E-08	5.80E-09	5.30E-08	1.95E-07
3497	497363.09	3849377.25	2.59E-04	2.80E-04	4.48E-04	8.97E-08	2.71E-07	1.57E-07	1.69E-07	1.54E-07	7.01E-08	1.12E-07	2.99E-09	7.23E-08	1.60E-08	2.30E-08	3.65E-08	6.43E-09	5.88E-08	2.16E-07
3498	497863.09	3849377.25	3.29E-04	3.56E-04	5.68E-04	1.14E-07	3.44E-07	1.99E-07	2.15E-07	1.95E-07	8.90E-08	1.42E-07	3.81E-09	9.19E-08	2.03E-08	2.92E-08	4.63E-08	8.17E-09	7.46E-08	2.74E-07
3499	498363.09	3849377.25	3.27E-04	3.53E-04	5.65E-04	1.13E-07	3.42E-07	1.98E-07	2.14E-07	1.94E-07	8.84E-08	1.41E-07	3.78E-09	9.13E-08	2.02E-08	2.90E-08	4.60E-08	8.12E-09	7.42E-08	2.73E-07
3500	471363.09	3849877.25	2.30E-04	2.48E-04	3.93E-04	7.96E-08	2.40E-07	1.39E-07	1.50E-07	1.36E-07	6.21E-08	9.84E-08	2.66E-09	6.42E-08	1.42E-08	2.04E-08	3.23E-08	5.70E-09	5.17E-08	1.91E-07
3501	471863.09	3849877.25	2.74E-04	2.96E-04	4.68E-04	9.48E-08	2.86E-07	1.66E-07	1.79E-07	1.62E-07	7.40E-08	1.17E-07	3.17E-09	7.65E-08	1.69E-08	2.43E-08	3.85E-08	6.79E-09	6.14E-08	2.28E-07
3502	472363.09	3849877.25	3.17E-04	3.41E-04	5.39E-04	1.10E-07	3.31E-07	1.92E-07	2.07E-07	1.87E-07	8.54E-08	1.35E-07	3.66E-09	8.84E-08	1.95E-08	2.80E-08	4.45E-08	7.84E-09	7.08E-08	2.63E-07
3503	472863.09	3849877.25	3.50E-04	3.77E-04	5.96E-04	1.21E-07	3.66E-07	2.12E-07	2.28E-07	2.07E-07	9.44E-08	1.49E-07	4.04E-09	9.77E-08	2.16E-08	3.10E-08	4.92E-08	8.66E-09	7.83E-08	2.90E-07
3504	473363.09	3849877.25	3.75E-04	4.04E-04	6.39E-04	1.30E-07	3.92E-07	2.27E-07	2.45E-07	2.22E-07	1.01E-07	1.60E-07	4.33E-09	1.05E-07	2.31E-08	3.32E-08	5.27E-08	9.28E-09	8.39E-08	3.11E-07
3505	473863.09	3849877.25	4.00E-04	4.32E-04	6.84E-04	1.39E-07	4.19E-07	2.42E-07	2.61E-07	2.37E-07	1.08E-07	1.71E-07	4.63E-09	1.12E-07	2.47E-08	3.55E-08	5.63E-08	9.92E-09	8.98E-08	3.33E-07
3506	474363.09	3849877.25	4.21E-04	4.54E-04	7.20E-04	1.46E-07	4.40E-07	2.55E-07	2.75E-07	2.49E-07	1.14E-07	1.80E-07	4.87E-09	1.18E-07	2.59E-08	3.73E-08	5.92E-08	1.04E-08	9.45E-08	3.50E-07
3507	474863.09	3849877.25	4.34E-04	4.68E-04	7.42E-04	1.50E-07	4.54E-07	2.63E-07	2.83E-07	2.57E-07	1.17E-07	1.86E-07	5.02E-09	1.21E-07	2.68E-08	3.85E-08	6.10E-08	1.08E-08	9.74E-08	3.61E-07
3508	475363.09	3849877.25	4.39E-04	4.73E-04	7.49E-04	1.52E-07	4.58E-07	2.65E-07	2.86E-07	2.60E-07	1.18E-07	1.87E-07	5.07E-09	1.22E-07	2.70E-08	3.89E-08	6.17E-08	1.09E-08	9.83E-08	3.64E-07
3509	475863.09	3849877.25	4.43E-04	4.78E-04	7.55E-04	1.54E-07	4.64E-07	2.68E-07	2.89E-07	2.62E-07	1.20E-07	1.89E-07	5.13E-09	1.24E-07	2.73E-08	3.93E-08	6.23E-08	1.10E-08	9.91E-08	3.68E-07
3510	476363.09	3849877.25	4.45E-04	4.80E-04	7.55E-04	1.54E-07	4.65E-07	2.69E-07	2.90E-07	2.63E-07	1.20E-07	1.89E-07	5.14E-09	1.24E-07	2.74E-08	3.94E-08	6.25E-08	1.10E-08	9.92E-08	3.69E-07
3511	476863.09	3849877.25	4.42E-04	4.77E-04	7.49E-04	1.53E-07	4.62E-07	2.68E-07	2.89E-07	2.62E-07	1.19E-07	1.87E-07	5.11E-09	1.24E-07	2.73E-08	3.92E-08	6.21E-08	1.10E-08	9.84E-08	3.67E-07
3512	477363.09	3849877.25	4.28E-04	4.61E-04	7.22E-04	1.48E-07	4.47E-07	2.59E-07	2.79E-07	2.53E-07	1.15E-07	1.81E-07	4.94E-09	1.19E-07	2.63E-08	3.79E-08	6.00E-08	1.06E-08	9.49E-08	3.54E-07
3513	477863.09	3849877.25	4.38E-04	4.72E-04	7.41E-04	1.52E-07	4.58E-07	2.65E-07	2.86E-07	2.59E-07	1.18E-07	1.85E-07	5.06E-09	1.22E-07	2.70E-08	3.88E-08	6.15E-08	1.08E-08	9.73E-08	3.63E-07
3514	478363.09	3849877.25	5.45E-04	5.88E-04	9.28E-04	1.89E-07	5.70E-07	3.30E-07	3.56E-07	3.22E-07	1.47E-07	2.32E-07	6.30E-09	1.52E-07	3.36E-08	4.83E-08	7.66E-08	1.35E-08	1.22E-07	4.52E-07
3515	478863.09	3849877.25	6.68E-04	7.21E-04	1.14E-03	2.31E-07	6.98E-07	4.04E-07	4.36E-07	3.95E-07	1.80E-07	2.86E-07	7.72E-09	1.87E-07	4.12E-08	5.92E-08	9.39E-08	1.66E-08	1.50E-07	5.55E-07
3516	479363.09	3849877.25	6.04E-04	6.51E-04	1.03E-03	2.09E-07	6.31E-07	3.65E-07	3.94E-07	3.57E-07	1.63E-07	2.58E-07	6.98E-09	1.69E-07	3.72E-08	5.35E-08	8.49E-08	1.50E-08	1.35E-07	5.01E-07
3517	479863.09	3849877.25	5.37E-04	5.79E-04	9.14E-04	1.86E-07	5.61E-07	3.25E-07	3.50E-07	3.17E-07	1.45E-07	2.29E-07	6.20E-09	1.50E-07	3.31E-08	4.75E-08	7.54E-08	1.33E-08	1.20E-07	4.45E-07
3518	480363.09	3849877.25	4.08E-04	4.40E-04	6.93E-04	1.41E-07	4.26E-07	2.47E-07	2.66E-07	2.41E-07	1.10E-07	1.74E-07	4.72E-09	1.14E-07	2.51E-08	3.61E-08	5.73E-08	1.01E-08	9.11E-08	3.38E-07
3519	480863.09	3849877.25	3.29E-04	3.54E-04	5.57E-04	1.14E-07	3.44E-07	1.99E-07	2.14E-07	1.94E-07	8.87E-08	1.40E-07	3.80E-09	9.18E-08	2.03E-08	2.91E-08	4.62E-08	8.14E-09	7.32E-08	2.73E-07
3520	481363.09	3849877.25	2.79E-04	3.01E-04	4.72E-04	9.66E-08	2.92E-07	1.69E-07	1.82E-07	1.65E-07	7.52E-08	1.18E-07	3.22E-09	7.79E-08	1.72E-08	2.47E-08	3.92E-08	6.91E-09	6.20E-08	2.31E-07
3521	481863.09	3849877.25	1.82E-04	1.96E-04	3.09E-04	6.29E-08	1.90E-07	1.10E-07	1.19E-07	1.08E-07	4.91E-08	7.74E-08	2.10E-09	5.08E-08	1.12E-08	1.61E-08	2.56E-08	4.50E-09	4.06E-08	1.51E-07
3522	482363.09	3849877.25	1.55E-04	1.67E-04	2.64E-04	5.37E-08	1.62E-07	9.39E-08	1.01E-07	9.18E-08	4.19E-08	6.61E-08	1.79E-09	4.33E-08	9.56E-09	1.37E-08	2.18E-08	3.84E-09	3.47E-08	1.29E-07
3523	482863.09	3849877.25	1.38E-04	1.49E-04	2.34E-04	4.77E-08	1.44E-07	8.33E-08	8.99E-08	8.15E-08	3.72E-08	5.87E-08	1.59E-09	3.85E-08	8.49E-09	1.22E-08	1.94E-08	3.41E-09	3.08E-08	1.14E-07
3524	483363.09	3849877.25	1.23E-04	1.33E-04	2.09E-04	4.25E-08	1.28E-07	7.44E-08	8.02E-08	7.27E-08	3.32E-08	5.24E-08	1.42E-09	3.43E-08	7.57E-09	1.09E-08	1.73E-08	3.04E-09	2.75E-08	1.02E-07
3525	483863.09	3849877.25	1.20E-04	1.30E-04	2.05E-04	4.16E-08	1.26E-07	7.28E-08	7.85E-08	7.11E-08	3.25E-08	5.12E-08	1.39E-09	3.36E-08	7.41E-09	1.07E-08	1.69E-08	2.98E-09	2.69E-08	9.98E-08
3526	484363.09	3849877.25	1.49E-04	1.60E-04	2.52E-04	5.15E-08	1.56E-07	9.00E-08	9.71E-08	8.80E-08	4.01E-08	6.32E-08	1.72E-09	4.15E-08	9.17E-09	1.32E-08	2.09E-08	3.68E-09	3.31E-08	1.23E-07
3527	484863.09	3849877.25	1.89E-04	2.04E-04	3.20E-04	6.55E-08	1.98E-07	1.15E-07	1.23E-07	1.12E-07	5.11E-08	8.02E-08	2.19E-09	5.29E-08	1.17E-08	1.68E-08	2.66E-08	4.69E-09	4.21E-08	1.57E-07
3528	485363.09	3849877.25	1.73E-04	1.86E-04	2.92E-04	5.98E-08	1.81E-07	1.05E-07	1.13E-07	1.02E-07	4.66E-08	7.31E-08	2.00E-09	4.82E-08	1.06E-08	1.53E-08	2.43E-08	4.28E-09	3.84E-08	1.43E-07
3529	485863.09	3849877.25	1.48E-04	1.59E-04	2.50E-04	5.11E-08	1.54E-07	8.94E-08	9.63E-08	8.73E-08	3.98E-08	6.27E-08	1.71E-09	4.12E-08	9.10E-09	1.31E-08	2.07E-08	3.66E-09	3.29E-08	1.22E-07
3530	486363.09	3849877.25	1.39E-04	1.50E-04	2.37E-04	4.83E-08	1.46E-07	8.43E-08	9.10E-08	8.25E-08	3.76E-08	5.94E-08	1.61E-09	3.89E-08	8.59E-09	1.23E-08	1.96E-08	3.45E-09	3.12E-08	1.16E-07
3531	486863.09	3849877.25	1.52E-04	1.64E-04	2.59E-04	5.26E-08	1.59E-07	9.19E-08	9.91E-08	8.99E-08	4.10E-08	6.48E-08	1.76E-09	4.24E-08	9.36E-09	1.35E-08	2.14E-08	3.76E-09	3.40E-08	1.26E-07
3532	487363.09	3849877.25	1.54E-04	1.66E-04	2.62E-04	5.32E-08	1.61E-07	9.30E-08	1.00E-07	9.10E-08	4.15E-08	6.56E-08	1.78E-09	4.29E-08	9.47E-09	1.36E-08	2.16E-08	3.81E-09	3.44E-08	1.28E-07
3533	487863.09	3849877.25	1.55E-04	1.67E-04	2.65E-04	5.37E-08	1.62E-07	9.39E-08	1.01E-07	9.18E-08	4.19E-08	6.63E-08	1.79E-09	4.33E-08	9.56E-09	1.37E-08	2.18E-08	3.84E-09	3.48E-08	1.29E-07
3534	488363.09	3849877.25	1.59E-04	1.72E-04	2.72E-04	5.52E-08	1.67E-07	9.64E-08	1.04E-07	9.43E-08	4.30E-08	6.81E-08	1.84E-09	4.45E-08	9.82E-09	1.41E-08	2.24E-08	3.95E-09	3.58E-08	1.32E-07
3535	488863.09	3849877.25	1.66E-04	1.79E-04	2.84E-04	5.75E-08	1.74E-07	1.00E-07	1.08E-07	9.83E-08	4.49E-08	7.11E-08	1.92E-09	4.64E-08	1.02E-08	1.47E-08	2.34E-08	4.12E-09	3.73E-08	1.38E-07
3536	489363.09	3849877.25	1.71E-04	1.85E-04	2.93E-04	5.93E-08	1.79E-07	1.04E-07	1.12E-07	1.01E-07	4.63E-08	7.35E-08	1.98E-09	4.78E-08	1.05E-08	1.52E-08	2.41E-08	4.24E-09	3.85E-08	1.42E-07
3537	489863.09	3849877.25	1.74E-04	1.88E-04	3.00E-04	6.04E-08	1.82E-07	1.06E-07	1.14E-07	1.03E-07	4.72E-08	7.51E-08	2.02E-09	4.87E-08	1.07E-08	1.55E-08	2.46E-08	4.33E-09	3.94E-08	1.45E-07
3538	490363.09	3849877.25	1.77E-04	1.91E-04	3.05E-04	6.12E-08	1.85E-07	1.07E-07	1.16E-07	1.05E-07	4.78E-08	7.63E-08	2.04E-09	4.94E-08	1.09E-08	1.57E-08	2.49E-08	4.39E-09	4.00E-08	1.47E-07
3539	490863.09	3849877.25	1.83E-04	1.98E-04	3.16E-04	6.34E-08	1.91E-07	1.11E-07	1.20E-07	1.08E-07	4.95E-08	7.91E-08	2.12E-09	5.11E-08	1.13E-08	1.62E-08	2.58E-08	4.54E-09	4.15E-08	1.53E-07
3540	491363.09	3849877.25	1.89E-04	2.04E-04	3.27E-04	6.55E-08	1.98E-07	1.14E-07	1.24E-07	1.12E-07	5.11E-08	8.17E-08	2.19E-09	5.28E-08	1.17E-08	1.68E-08	2.66E-08	4.69E-09	4.29E-08	1.58E-07
3541	491863.09	3849877.25	1.90E-04	2.05E-04	3.29E-04	6.58E-08	1.99E-07	1.15E-07	1.24E-07	1.13E-07	5.14E-08	8.23E-08	2.20E-09	5.31E-08	1.17E-08	1.69E-08	2.68E-08	4.72E-09	4.32E-08	1.59E-07
3542	492363.09	3849877.25	1.92E-04	2.08E-04	3.32E-04	6.65E-08	2.01E-07	1.16E-07	1.26E-07	1.14E-07	5.19E-08	8.32E-08	2.22E-09	5.36E-08	1.18E-08	1.70E-08	2.70E-08	4.77E-09	4.37E-08	1.60E-07
3543	492863.09	3849877.25	1.88E-04	2.03E-04	3.26E-04	6.50E-08	1.96E-07	1.14E-07	1.23E-07	1.11E-07	5.08E-08	8.15E-08	2.17E-09	5.25E-08	1.16E-08	1.67E-08	2.65E-08	4.66E-09	4.28E-08	1.57E-07
3544	493363.09	3849877.25	1.84E-04	1.99E-04	3.19E-04	6.37E-08	1.92E-07	1.11E-07	1.20E-07	1.09E-07	4.98E-08	7.98E-08	2.13E-09	5.14E-08	1.13E-08	1.63E-08	2.59E-08	4.57E-09	4.19E-08	1.54E-07
3545	493863.09	3849877.25	1.85E-04	2.00E-04	3.21E-04	6.41E-08	1.94E-07	1.12E-07	1.21E-07	1.10E-07	5.01E-08	8.04E-08	2.14E-09	5.17E-08	1.14E-08	1.64E-08	2.61E-08	4.60E-09	4.22E-08	1.55E-07
3546	494363.09	3849877.25	2.24E-04	2.42E-04	3.87E-04	7.74E-08	2.34E-07	1.35E-07	1.46E-07	1.33E-07	6.05E-08	9.69E-08	2.58E-09	6.24E-08	1.38E-08	1.99E-08	3.15E-08	5.55E-09	5.09E-08	1.87E-07
3547	494863.09	3849877.25	2.56E-04	2.76E-04	4.43E-04	8.86E-08	2.67E-07	1.55E-07	1.67E-07	1.52E-07	6.92E-08	1.11E-07	2.96E-09	7.14E-08	1.58E-08	2.27E-08	3.60E-08	6.35E-09	5.81E-08	2.13E-07
3548	495363.09	3849877.25	2.37E-04	2.56E-04	4.10E-04	8.21E-08	2.48E-07	1.43E-07	1.55E-07	1.41E-07	6.41E-08	1.03E-07	2.74E-09	6.62E-08	1.46E-08	2.11E-08	3.34E-08	5.89E-09	5.39E-08	1.98E-07
3549	495863.09	3849877.25	2.74E-04	2.97E-04	4.74E-04	9.50E-08	2.87E-07	1.66E-07	1.79E-07	1.63E-07	7.42E-08	1.19E-07	3.17E-09	7.66E-08	1.69E-08	2.44E-08	3.86E-08	6.81E-09	6.23E-08	2.29E-07
3550	496363.09	3849877.25	2.94E-04	3.17E-04	5.07E-04	1.02E-07	3.07E-07	1.78E-07	1.92E-07	1.74E-07	7.94E-08	1.27E-07	3.40E-09	8.20E-08	1.81E-08	2.61E-08	4.14E-08	7.29E-09	6.67E-08	2.45E-07
3551	496863.09	3849877.25	3.10E-04	3.35E-04	5.35E-04	1.07E-07	3.24E-07	1.87E-07	2.03E-07	1.84E-07	8.38E-08	1.34E-07	3.58E-09	8.65E-08	1.91E-08	2.75E-08	4.36E-08	7.69E-09	7.03E-08	2.58E-07
3552	497363.09	3849877.25	3.67E-04	3.97E-04	6.34E-04	1.27E-07	3.84E-07	2.22E-07	2.40E-07	2.18E-07	9.93E-08	1.59E-07	4.24E-09	1.03E-07	2.26E-08	3.26E-08	5.17E-08	9.11E-09	8.33E-08	3.06E-07
3553	497863.09	3849877.25	3.94E-04	4.26E-04	6.80E-04	1.36E-07	4.12E-07	2.39E-07	2.58E-07	2.34E-07	1.07E-07	1.70E-07	4.56E-09	1.10E-07	2.43E-08	3.50E-08	5.55E-08	9.78E-09	8.94E-08	3.29E-07
3554	498363.09	3849877.25	3.90E-04	4.21E-04	6.73E-04	1.35E-07	4.08E-07	2.36E-07	2.55E-07	2.31E-07	1.05E-07	1.68E-07	4.51E-09	1.09E-07	2.40E-08	3.46E-08	5.49E-08	9.67E-09	8.84E-08	3.25E-07
3555	471363.09	3850377.25	1.88E-04	2.03E-04	3.22E-04	6.49E-08	1.96E-07	1.14E-07	1.23E-07	1.11E-07	5.07E-08	8.06E-08	2.17E-09	5.24E-08	1.16E-08	1.66E-08	2.64E-08	4.65E-09	4.23E-08	1.56E-07
3556	471863.09	3850377.25	2.44E-04	2.63E-04	4.18E-04	8.44E-08	2.55E-07	1.47E-07	1.59E-07	1.44E-07	6.58E-08	1.05E-07	2.82E-09	6.80E-08	1.50E-08	2.16E-08	3.43E-08	6.04E-09	5.49E-08	2.03E-07
3557	472363.09	3850377.25	2.73E-04	2.95E-04	4.67E-04	9.45E-08	2.85E-07	1.65E-07	1.78E-07	1.62E-07	7.37E-08	1.17E-07	3.16E-09	7.62E-08	1.68E-08	2.42E-08	3.84E-08	6.77E-09	6.13E-08	2.27E-07
3558	472863.09	3850377.25	3.29E-04	3.54E-04	5.60E-04	1.14E-07	3.43E-07	1.99E-07	2.14E-07	1.94E-07	8.87E-08	1.40E-07	3.80E-09	9.17E-08	2.02E-08	2.91E-08	4.62E-08	8.14E-09	7.36E-08	2.73E-07
3559	473363.09	3850377.25	3.59E-04	3.87E-04	6.12E-04	1.24E-07	3.75E-07	2.17E-07	2.34E-07	2.13E-07	9.70E-08	1.53E-07	4.15E-09	1.00E-07	2.21E-08	3.18E-08	5.05E-08	8.90E-09	8.04E-08	2.98E-07
3560	473863.09	3850377.25	3.98E-04	4.29E-04	6.78E-04	1.38E-07	4.15E-07	2.41E-07	2.59E-07	2.35E-07	1.07E-07	1.70E-07	4.59E-09	1.11E-07	2.45E-08	3.52E-08	5.59E-08	9.85E-09	8.90E-08	3.30E-07
3561	474363.09	3850377.25	4.33E-04	4.67E-04	7.38E-04	1.50E-07	4.52E-07	2.62E-07	2.83E-07	2.56E-07	1.17E-07	1.85E-07	5.00E-09	1.21E-07	2.67E-08	3.84E-08	6.08E-08	1.07E-08	9.70E-08	3.59E-07
3562	474863.09	3850377.25	4.64E-04	5.01E-04	7.92E-04	1.61E-07	4.85E-07	2.81E-07	3.03E-07	2.75E-07	1.25E-07	1.98E-07	5.36E-09	1.30E-07	2.86E-08	4.11E-08	6.52E-08	1.15E-08	1.04E-07	3.85E-07
3563	475363.09	3850377.25	4.90E-04	5.28E-04	8.37E-04	1.70E-07	5.12E-07	2.96E-07	3.20E-07	2.90E-07	1.32E-07	2.09E-07	5.66E-09	1.37E-07	3.02E-08	4.34E-08	6.89E-08	1.21E-08	1.10E-07	4.07E-07

3564	475863.09	3850377.25	5.03E-04	5.43E-04	8.60E-04	1.74E-07	5.26E-07	3.05E-07	3.29E-07	2.98E-07	1.36E-07	2.15E-07	5.82E-09	1.41E-07	3.10E-08	4.46E-08	7.08E-08	1.25E-08	1.13E-07	4.18E-07
3565	476363.09	3850377.25	5.09E-04	5.50E-04	8.68E-04	1.76E-07	5.33E-07	3.08E-07	3.33E-07	3.01E-07	1.38E-07	2.17E-07	5.89E-09	1.42E-07	3.14E-08	4.51E-08	7.16E-08	1.26E-08	1.14E-07	4.23E-07
3566	476863.09	3850377.25	5.15E-04	5.55E-04	8.74E-04	1.78E-07	5.38E-07	3.11E-07	3.36E-07	3.04E-07	1.39E-07	2.19E-07	5.95E-09	1.44E-07	3.17E-08	4.56E-08	7.23E-08	1.27E-08	1.15E-07	4.27E-07
3567	477363.09	3850377.25	5.16E-04	5.56E-04	8.73E-04	1.79E-07	5.39E-07	3.12E-07	3.36E-07	3.05E-07	1.39E-07	2.18E-07	5.96E-09	1.44E-07	3.18E-08	4.57E-08	7.24E-08	1.28E-08	1.15E-07	4.27E-07
3568	477863.09	3850377.25	4.99E-04	5.37E-04	8.43E-04	1.73E-07	5.21E-07	3.02E-07	3.25E-07	2.95E-07	1.35E-07	2.11E-07	5.77E-09	1.39E-07	3.07E-08	4.41E-08	7.00E-08	1.23E-08	1.11E-07	4.13E-07
3569	478363.09	3850377.25	4.99E-04	5.37E-04	8.44E-04	1.73E-07	5.21E-07	3.02E-07	3.25E-07	2.95E-07	1.35E-07	2.11E-07	5.77E-09	1.39E-07	3.07E-08	4.42E-08	7.00E-08	1.23E-08	1.11E-07	4.13E-07
3570	478863.09	3850377.25	6.52E-04	7.03E-04	1.11E-03	2.26E-07	6.82E-07	3.95E-07	4.26E-07	3.86E-07	1.76E-07	2.77E-07	7.54E-09	1.82E-07	4.02E-08	5.78E-08	9.16E-08	1.62E-08	1.46E-07	5.41E-07
3571	479363.09	3850377.25	7.96E-04	8.58E-04	1.36E-03	2.75E-07	8.32E-07	4.81E-07	5.19E-07	4.71E-07	2.15E-07	3.40E-07	9.20E-09	2.22E-07	4.90E-08	7.05E-08	1.12E-07	1.97E-08	1.78E-07	6.61E-07
3572	479863.09	3850377.25	7.34E-04	7.92E-04	1.25E-03	2.54E-07	7.67E-07	4.44E-07	4.79E-07	4.34E-07	1.98E-07	3.13E-07	8.49E-09	2.05E-07	4.52E-08	6.51E-08	1.03E-07	1.82E-08	1.65E-07	6.10E-07
3573	480363.09	3850377.25	6.12E-04	6.60E-04	1.04E-03	2.12E-07	6.40E-07	3.70E-07	3.99E-07	3.62E-07	1.65E-07	2.61E-07	7.08E-09	1.71E-07	3.77E-08	5.42E-08	8.60E-08	1.52E-08	1.37E-07	5.08E-07
3574	480863.09	3850377.25	5.60E-04	6.03E-04	9.50E-04	1.94E-07	5.85E-07	3.39E-07	3.65E-07	3.31E-07	1.51E-07	2.38E-07	6.47E-09	1.56E-07	3.45E-08	4.96E-08	7.86E-08	1.39E-08	1.25E-07	4.64E-07
3575	481363.09	3850377.25	3.46E-04	3.72E-04	5.85E-04	1.20E-07	3.61E-07	2.09E-07	2.25E-07	2.04E-07	9.32E-08	1.46E-07	3.99E-09	9.65E-08	2.13E-08	3.06E-08	4.85E-08	8.55E-09	7.68E-08	2.86E-07
3576	481863.09	3850377.25	3.13E-04	3.37E-04	5.30E-04	1.08E-07	3.27E-07	1.89E-07	2.04E-07	1.85E-07	8.44E-08	1.33E-07	3.61E-09	8.73E-08	1.93E-08	2.77E-08	4.39E-08	7.74E-09	6.96E-08	2.59E-07
3577	482363.09	3850377.25	2.79E-04	3.00E-04	4.73E-04	9.65E-08	2.91E-07	1.69E-07	1.82E-07	1.65E-07	7.52E-08	1.18E-07	3.22E-09	7.78E-08	1.72E-08	2.47E-08	3.92E-08	6.90E-09	6.21E-08	2.31E-07
3578	482863.09	3850377.25	1.95E-04	2.10E-04	3.31E-04	6.76E-08	2.04E-07	1.18E-07	1.27E-07	1.15E-07	5.27E-08	8.29E-08	2.26E-09	5.45E-08	1.20E-08	1.73E-08	2.74E-08	4.83E-09	4.35E-08	1.62E-07
3579	483363.09	3850377.25	1.61E-04	1.74E-04	2.74E-04	5.58E-08	1.68E-07	9.75E-08	1.05E-07	9.53E-08	4.35E-08	6.86E-08	1.86E-09	4.50E-08	9.93E-09	1.43E-08	2.26E-08	3.99E-09	3.60E-08	1.34E-07
3580	483863.09	3850377.25	1.68E-04	1.81E-04	2.85E-04	5.83E-08	1.76E-07	1.02E-07	1.10E-07	9.95E-08	4.54E-08	7.14E-08	1.95E-09	4.70E-08	1.04E-08	1.49E-08	2.36E-08	4.17E-09	3.75E-08	1.39E-07
3581	484363.09	3850377.25	1.93E-04	2.08E-04	3.26E-04	6.68E-08	2.02E-07	1.17E-07	1.26E-07	1.14E-07	5.20E-08	8.17E-08	2.23E-09	5.39E-08	1.19E-08	1.71E-08	2.71E-08	4.77E-09	4.29E-08	1.60E-07
3582	484863.09	3850377.25	2.25E-04	2.43E-04	3.81E-04	7.80E-08	2.35E-07	1.36E-07	1.47E-07	1.33E-07	6.07E-08	9.53E-08	2.60E-09	6.29E-08	1.39E-08	1.99E-08	3.16E-08	5.57E-09	5.00E-08	1.87E-07
3583	485363.09	3850377.25	2.19E-04	2.36E-04	3.70E-04	7.59E-08	2.29E-07	1.33E-07	1.43E-07	1.30E-07	5.91E-08	9.27E-08	2.53E-09	6.12E-08	1.35E-08	1.94E-08	3.08E-08	5.42E-09	4.87E-08	1.82E-07
3584	485863.09	3850377.25	1.97E-04	2.12E-04	3.34E-04	6.82E-08	2.06E-07	1.19E-07	1.28E-07	1.16E-07	5.31E-08	8.35E-08	2.28E-09	5.50E-08	1.21E-08	1.74E-08	2.77E-08	4.88E-09	4.38E-08	1.63E-07
3585	486363.09	3850377.25	1.95E-04	2.11E-04	3.32E-04	6.76E-08	2.04E-07	1.18E-07	1.27E-07	1.15E-07	5.27E-08	8.30E-08	2.26E-09	5.45E-08	1.20E-08	1.73E-08	2.74E-08	4.84E-09	4.36E-08	1.62E-07
3586	486863.09	3850377.25	1.96E-04	2.12E-04	3.34E-04	6.80E-08	2.05E-07	1.19E-07	1.28E-07	1.16E-07	5.30E-08	8.36E-08	2.27E-09	5.48E-08	1.21E-08	1.74E-08	2.76E-08	4.86E-09	4.39E-08	1.63E-07
3587	487363.09	3850377.25	1.92E-04	2.07E-04	3.26E-04	6.63E-08	2.00E-07	1.16E-07	1.25E-07	1.13E-07	5.17E-08	8.17E-08	2.21E-09	5.35E-08	1.18E-08	1.70E-08	2.69E-08	4.75E-09	4.29E-08	1.59E-07
3588	487863.09	3850377.25	1.98E-04	2.14E-04	3.38E-04	6.86E-08	2.07E-07	1.20E-07	1.29E-07	1.17E-07	5.35E-08	8.45E-08	2.29E-09	5.53E-08	1.22E-08	1.75E-08	2.78E-08	4.91E-09	4.44E-08	1.64E-07
3589	488363.09	3850377.25	2.04E-04	2.20E-04	3.48E-04	7.05E-08	2.13E-07	1.23E-07	1.33E-07	1.20E-07	5.50E-08	8.70E-08	2.35E-09	5.68E-08	1.25E-08	1.80E-08	2.86E-08	5.05E-09	4.57E-08	1.69E-07
3590	488863.09	3850377.25	2.13E-04	2.30E-04	3.64E-04	7.37E-08	2.22E-07	1.29E-07	1.39E-07	1.26E-07	5.75E-08	9.12E-08	2.46E-09	5.94E-08	1.31E-08	1.89E-08	2.99E-08	5.27E-09	4.79E-08	1.77E-07
3591	489363.09	3850377.25	2.21E-04	2.39E-04	3.81E-04	7.67E-08	2.32E-07	1.34E-07	1.45E-07	1.31E-07	5.99E-08	9.53E-08	2.56E-09	6.18E-08	1.36E-08	1.96E-08	3.12E-08	5.49E-09	5.00E-08	1.84E-07
3592	489863.09	3850377.25	2.26E-04	2.44E-04	3.89E-04	7.81E-08	2.36E-07	1.37E-07	1.48E-07	1.34E-07	6.10E-08	9.73E-08	2.61E-09	6.30E-08	1.39E-08	2.00E-08	3.18E-08	5.60E-09	5.11E-08	1.88E-07
3593	490363.09	3850377.25	2.33E-04	2.51E-04	4.01E-04	8.05E-08	2.43E-07	1.41E-07	1.52E-07	1.38E-07	6.29E-08	1.00E-07	2.69E-09	6.50E-08	1.43E-08	2.06E-08	3.27E-08	5.77E-09	5.27E-08	1.94E-07
3594	490863.09	3850377.25	2.42E-04	2.61E-04	4.17E-04	8.37E-08	2.53E-07	1.46E-07	1.58E-07	1.43E-07	6.54E-08	1.04E-07	2.79E-09	6.75E-08	1.49E-08	2.15E-08	3.40E-08	6.00E-09	5.48E-08	2.01E-07
3595	491363.09	3850377.25	2.49E-04	2.69E-04	4.31E-04	8.63E-08	2.61E-07	1.51E-07	1.63E-07	1.48E-07	6.74E-08	1.08E-07	2.88E-09	6.96E-08	1.54E-08	2.21E-08	3.51E-08	6.19E-09	5.66E-08	2.08E-07
3596	491863.09	3850377.25	2.48E-04	2.68E-04	4.29E-04	8.59E-08	2.59E-07	1.50E-07	1.62E-07	1.47E-07	6.71E-08	1.07E-07	2.87E-09	6.93E-08	1.53E-08	2.20E-08	3.49E-08	6.16E-09	5.64E-08	2.07E-07
3597	492363.09	3850377.25	2.44E-04	2.64E-04	4.22E-04	8.45E-08	2.55E-07	1.48E-07	1.60E-07	1.45E-07	6.60E-08	1.06E-07	2.82E-09	6.81E-08	1.50E-08	2.17E-08	3.44E-08	6.06E-09	5.55E-08	2.04E-07
3598	492863.09	3850377.25	2.46E-04	2.66E-04	4.26E-04	8.51E-08	2.57E-07	1.49E-07	1.61E-07	1.46E-07	6.65E-08	1.07E-07	2.84E-09	6.86E-08	1.51E-08	2.18E-08	3.46E-08	6.10E-09	5.59E-08	2.05E-07
3599	493363.09	3850377.25	2.40E-04	2.60E-04	4.16E-04	8.32E-08	2.51E-07	1.45E-07	1.57E-07	1.42E-07	6.50E-08	1.04E-07	2.78E-09	6.71E-08	1.48E-08	2.13E-08	3.39E-08	5.97E-09	5.47E-08	2.01E-07
3600	493863.09	3850377.25	2.67E-04	2.88E-04	4.62E-04	9.24E-08	2.79E-07	1.62E-07	1.75E-07	1.58E-07	7.22E-08	1.16E-07	3.09E-09	7.45E-08	1.64E-08	2.37E-08	3.76E-08	6.63E-09	6.07E-08	2.23E-07
3601	494363.09	3850377.25	2.89E-04	3.13E-04	5.00E-04	1.00E-07	3.02E-07	1.75E-07	1.89E-07	1.71E-07	7.82E-08	1.25E-07	3.34E-09	8.08E-08	1.78E-08	2.57E-08	4.07E-08	7.18E-09	6.57E-08	2.41E-07
3602	494863.09	3850377.25	3.24E-04	3.50E-04	5.60E-04	1.12E-07	3.39E-07	1.96E-07	2.12E-07	1.92E-07	8.77E-08	1.40E-07	3.75E-09	9.05E-08	2.00E-08	2.88E-08	4.57E-08	8.05E-09	7.36E-08	2.70E-07
3603	495363.09	3850377.25	3.67E-04	3.97E-04	6.34E-04	1.27E-07	3.84E-07	2.22E-07	2.40E-07	2.18E-07	9.94E-08	1.59E-07	4.25E-09	1.03E-07	2.26E-08	3.26E-08	5.17E-08	9.12E-09	8.33E-08	3.06E-07
3604	495863.09	3850377.25	3.60E-04	3.89E-04	6.22E-04	1.25E-07	3.76E-07	2.18E-07	2.35E-07	2.13E-07	9.74E-08	1.56E-07	4.16E-09	1.01E-07	2.22E-08	3.20E-08	5.07E-08	8.94E-09	8.17E-08	3.00E-07
3605	496363.09	3850377.25	4.04E-04	4.36E-04	6.97E-04	1.40E-07	4.22E-07	2.44E-07	2.64E-07	2.39E-07	1.09E-07	1.75E-07	4.67E-09	1.13E-07	2.49E-08	3.59E-08	5.69E-08	1.00E-08	9.16E-08	3.37E-07
3606	496863.09	3850377.25	4.46E-04	4.82E-04	7.70E-04	1.54E-07	4.66E-07	2.70E-07	2.92E-07	2.64E-07	1.21E-07	1.93E-07	5.16E-09	1.25E-07	2.75E-08	3.96E-08	6.28E-08	1.11E-08	1.01E-07	3.72E-07
3607	497363.09	3850377.25	4.69E-04	5.07E-04	8.09E-04	1.62E-07	4.90E-07	2.84E-07	3.07E-07	2.78E-07	1.27E-07	2.03E-07	5.42E-09	1.31E-07	2.89E-08	4.16E-08	6.60E-08	1.16E-08	1.06E-07	3.91E-07
3608	497863.09	3850377.25	4.72E-04	5.10E-04	8.15E-04	1.63E-07	4.94E-07	2.86E-07	3.09E-07	2.80E-07	1.28E-07	2.04E-07	5.46E-09	1.32E-07	2.91E-08	4.19E-08	6.65E-08	1.17E-08	1.07E-07	3.94E-07
3609	498363.09	3850377.25	4.75E-04	5.13E-04	8.20E-04	1.64E-07	4.97E-07	2.87E-07	3.11E-07	2.82E-07	1.28E-07	2.05E-07	5.49E-09	1.33E-07	2.93E-08	4.22E-08	6.69E-08	1.18E-08	1.08E-07	3.96E-07
3610	471363.09	3850877.25	2.33E-04	2.51E-04	3.99E-04	8.05E-08	2.43E-07	1.41E-07	1.52E-07	1.38E-07	6.28E-08	9.98E-08	2.69E-09	6.49E-08	1.43E-08	2.06E-08	3.27E-08	5.77E-09	5.24E-08	1.93E-07
3611	471863.09	3850877.25	2.59E-04	2.80E-04	4.44E-04	8.97E-08	2.71E-07	1.57E-07	1.69E-07	1.53E-07	7.00E-08	1.11E-07	2.99E-09	7.23E-08	1.60E-08	2.30E-08	3.64E-08	6.42E-09	5.83E-08	2.15E-07
3612	472363.09	3850877.25	2.96E-04	3.20E-04	5.08E-04	1.03E-07	3.10E-07	1.79E-07	1.93E-07	1.75E-07	8.00E-08	1.27E-07	3.42E-09	8.27E-08	1.83E-08	2.63E-08	4.17E-08	7.34E-09	6.67E-08	2.46E-07
3613	472863.09	3850877.25	3.31E-04	3.57E-04	5.66E-04	1.14E-07	3.46E-07	2.00E-07	2.16E-07	1.96E-07	8.93E-08	1.42E-07	3.82E-09	9.23E-08	2.04E-08	2.93E-08	4.65E-08	8.20E-09	7.44E-08	2.75E-07
3614	473363.09	3850877.25	3.23E-04	3.48E-04	5.53E-04	1.12E-07	3.37E-07	1.95E-07	2.11E-07	1.91E-07	8.72E-08	1.38E-07	3.73E-09	9.01E-08	1.99E-08	2.86E-08	4.54E-08	8.00E-09	7.26E-08	2.68E-07
3615	473863.09	3850877.25	3.71E-04	4.01E-04	6.34E-04	1.29E-07	3.88E-07	2.25E-07	2.42E-07	2.20E-07	1.00E-07	1.59E-07	4.29E-09	1.04E-07	2.29E-08	3.29E-08	5.22E-08	9.20E-09	8.33E-08	3.08E-07
3616	474363.09	3850877.25	4.29E-04	4.63E-04	7.31E-04	1.49E-07	4.49E-07	2.60E-07	2.80E-07	2.54E-07	1.16E-07	1.83E-07	4.96E-09	1.20E-07	2.64E-08	3.80E-08	6.03E-08	1.06E-08	9.61E-08	3.56E-07
3617	474863.09	3850877.25	4.69E-04	5.06E-04	7.99E-04	1.62E-07	4.90E-07	2.84E-07	3.06E-07	2.77E-07	1.27E-07	2.00E-07	5.42E-09	1.31E-07	2.89E-08	4.16E-08	6.59E-08	1.16E-08	1.05E-07	3.89E-07
3618	475363.09	3850877.25	5.08E-04	5.48E-04	8.66E-04	1.76E-07	5.31E-07	3.07E-07	3.32E-07	3.01E-07	1.37E-07	2.17E-07	5.87E-09	1.42E-07	3.13E-08	4.50E-08	7.14E-08	1.26E-08	1.14E-07	4.22E-07
3619	475863.09	3850877.25	5.47E-04	5.91E-04	9.34E-04	1.89E-07	5.72E-07	3.31E-07	3.57E-07	3.24E-07	1.48E-07	2.34E-07	6.33E-09	1.53E-07	3.37E-08	4.85E-08	7.70E-08	1.36E-08	1.23E-07	4.55E-07
3620	476363.09	3850877.25	5.77E-04	6.23E-04	9.85E-04	2.00E-07	6.03E-07	3.49E-07	3.77E-07	3.42E-07	1.56E-07	2.47E-07	6.67E-09	1.61E-07	3.56E-08	5.12E-08	8.12E-08	1.43E-08	1.29E-07	4.79E-07
3621	476863.09	3850877.25	5.94E-04	6.41E-04	1.01E-03	2.06E-07	6.21E-07	3.60E-07	3.88E-07	3.52E-07	1.60E-07	2.54E-07	6.87E-09	1.66E-07	3.66E-08	5.27E-08	8.35E-08	1.47E-08	1.33E-07	4.93E-07
3622	477363.09	3850877.25	6.05E-04	6.53E-04	1.03E-03	2.10E-07	6.33E-07	3.66E-07	3.95E-07	3.58E-07	1.63E-07	2.58E-07	7.00E-09	1.69E-07	3.73E-08	5.36E-08	8.51E-08	1.50E-08	1.35E-07	5.02E-07
3623	477863.09	3850877.25	6.10E-04	6.58E-04	1.03E-03	2.11E-07	6.38E-07	3.69E-07	3.98E-07	3.61E-07	1.65E-07	2.59E-07	7.05E-09	1.70E-07	3.76E-08	5.40E-08	8.57E-08	1.51E-08	1.36E-07	5.05E-07
3624	478363.09	3850877.25	5.99E-04	6.45E-04	1.01E-03	2.07E-07	6.26E-07	3.62E-07	3.90E-07	3.54E-07	1.61E-07	2.53E-07	6.92E-09	1.67E-07	3.69E-08	5.30E-08	8.41E-08	1.48E-08	1.33E-07	4.96E-07
3625	478863.09	3850877.25	6.21E-04	6.69E-04	1.04E-03	2.15E-07	6.49E-07	3.76E-07	4.05E-07	3.67E-07	1.67E-07	2.61E-07	7.18E-09	1.73E-07	3.83E-08	5.49E-08	8.72E-08	1.54E-08	1.37E-07	5.14E-07
3626	479363.09	3850877.25	7.71E-04	8.31E-04	1.31E-03	2.67E-07	8.06E-07	4.67E-07	5.03E-07	4.56E-07	2.08E-07	3.27E-07	8.92E-09	2.15E-07	4.75E-08	6.83E-08	1.08E-07	1.91E-08	1.72E-07	6.39E-07
3627	479863.09	3850877.25	9.25E-04	9.98E-04	1.58E-03	3.20E-07	9.67E-07	5.60E-07	6.04E-07	5.47E-07	2.50E-07	3.95E-07	1.07E-08	2.58E-07	5.70E-08	8.20E-08	1.30E-07	2.29E-08	2.08E-07	7.68E-07
3628	480363.09	3850877.25	9.11E-04	9.82E-04	1.55E-03	3.15E-07	9.52E-07	5.51E-07	5.94E-07	5.39E-07	2.46E-07	3.87E-07	1.05E-08	2.54E-07	5.61E-08	8.07E-08	1.28E-07	2.26E-08	2.03E-07	7.55E-07
3629	480863.09	3850877.25	8.00E-04	8.62E-04	1.36E-03	2.77E-07	8.36E-07	4.84E-07	5.22E-07	4.73E-07	2.16E-07	3.40E-07	9.25E-09	2.23E-07	4.93E-08	7.08E-08	1.12E-07	1.98E-08	1.78E-07	6.63E-07
3630	481363.09	3850877.25	6.99E-04	7.53E-04	1.18E-03	2.42E-07	7.31E-07	4.23E-07	4.56E-07	4.13E-07	1.89E-07	2.97E-07	8.08E-09	1.95E-07	4.31E-08	6.19E-08	9.82E-08	1.73E-08	1.56E-07	5.79E-07
3631	481863.09	3850877.25	5.60E-04	6.04E-04	9.47E-04	1.94E-07	5.86E-07	3.39E-07	3.65E-07	3.31E-07	1.51E-07	2.37E-07	6.48E-09	1.56E-07	3.45E-08	4.96E-08	7.87E-08	1.39E-08	1.24E-07	4.64E-07
3632	482363.09	3850877.25	4.02E-04	4.34E-04	6.82E-04	1.39E-07	4.21E-07	2.44E-07	2.62E-07	2.38E-07	1.09E-07	1.71E-07	4.65E-09	1.12E-07	2.48E-08	3.56E-08	5.65E-08	9.96E-09	8.96E-08	3.34E-07
3633	482863.09	3850877.25	3.17E-04	3.41E-04	5.35E-04	1.10E-07	3.31E-07	1.92E-07	2.07E-07	1.87E-07	8.54E-08	1.34E-07	3.66E-09	8.84E-08	1.95E-08	2.80E-08	4.45E-08	7.84E-09	7.03E-08	2.62E-07
3634	483363.09	3850877.25	2.45E-04	2.64E-04	4.16E-04	8.49E-08	2.56E-07	1.48E-07	1.60E-07	1.45E-07	6.61E-08	1.04E-07	2.83E-09	6.84E-08	1.51E-08	2.17E-08	3.44E-08	6.07E-09	5.46E-08	2.03E-07
3635	483863.09	3850877.25	2.37E-04	2.55E-04	4.01E-04	8.19E-08	2.47E-07	1.43E-07	1.54E-07	1.40E-07	6.39E-08	1.00E-07	2.74E-09	6.61E-08	1.46E-08	2.10E-08	3.32E-08	5.86E-09	5.27E-08	1.96E-07
3636	484363.09	3850877.25	2.66E-04	2.86E-04	4.49E-04	9.19E-08	2.78E-07	1.61E-07	1.73E-07	1.57E-07	7.16E-08	1.12E-07	3.07E-09	7.42E-08	1.64E-08	2.35E-08	3.73E-08	6.57E-09	5.90E-08	2.20E-07
3637	484863.09	3850877.25	2.59E-04	2.79E-04	4.37E-04	8.95E-08	2.70E-07	1.56E-07	1.69E-07	1.53E-07	6.97E-08	1.09E-07	2.99E-09	7.22E-08	1.59E-08	2.29E-08	3.63E-08	6.40E-09	5.74E-08	2.14E-07
3638	485363.09	3850877.25	2.71E-04	2.92E-04	4.59E-04	9.40E-08	2.84E-07	1.64E-07	1.77E-07	1.60E-07	7.32E-08	1.15E-07	3.14E-09	7.58E-08	1.67E-08	2.40E-08	3.81E-08	6.72E-09	6.02E-08	2.25E-07
3639	485863.09	3850877.25	2.39E-04	2.58E-04	4.06E-04	8.28E-08	2.50E-07	1.45E-07	1.56E-07	1.42E-07	6.46E-08	1.02E-07	2.77E-09	6.68E-08	1.47E-08	2.12E-08	3.36E-08	5.93E-09	5.34E-08	1.98E-07
3640	486363.09	3850877.25	2.52E-04	2.72E-04	4.28E-04	8.72E-08	2.63E-07	1.52E-07	1.64E-07	1.49E-07	6.80E-08	1.07E-07	2.91E-09	7.04E-08	1.55E-08	2.23E-08	3.54E-08	6.24E-09	5.62E-08	2.09E-07
3641	486863.09	3850877.25	2.53E-04	2.73E-04	4.30E-04	8.75E-08	2.64E-07	1.53E-07	1.65E-07	1.50E-07	6.82E-08	1.08E-07	2.92E-09	7.06E-08	1.56E-08	2.24E-08	3.55E-08	6.26E-09	5.65E-08	2.10E-07
3642	487363.09	3850877.25	2.47E-04	2.67E-04	4.21E-04	8.56E-08	2.59E-07	1.50E-07	1.61E-07	1.46E-07	6.68E-08	1.05E-07	2.86E-09	6.91E-08	1.52E-08	2.19E-08	3.48E-08	6.13E-09	5.53E-08	2.05E-07
3643	487863.09	3850877.25	2.57E-04	2.77E-04	4.38E-04	8.88E-08	2.68E-07	1.55E-07	1.68E-07	1.52E-07	6.93E-08	1.10E-07	2.97E-09	7.16E-08	1.58E-08	2.27E-08	3.61E-08	6.36E-09	5.75E-08	2.13E-07
3644	488363.09	3850877.25	2.70E-04	2.92E-04	4.62E-04	9.35E-08	2.82E-07	1.63E-07	1.76E-07	1.60E-07	7.30E-08	1.16E-07	3.12E-09	7.54E-08	1.66E-08	2.39E-08	3.80E-08	6.70E-09	6.07E-08	2.25E-07
3645	488863.09	3850877.25	2.82E-04	3.05E-04	4.85E-04	9.77E-08	2.95E-07	1.71E-07	1.84E-07	1.67E-07	7.63E-08	1.21E-07	3.26E-09	7.88E-08	1.74E-08	2.50E-08	3.97E-08	7.00E-09	6.37E-08	2.35E-07
3646	489363.09	3850877.25	2.98E-04	3.21E-04	5.12E-04	1.03E-07	3.11E-07	1.80E-07	1.94E-07	1.76E-07	8.04E-08	1.28E-07	3.44E-09	8.31E-08	1.83E-08	2.64E-08	4.19E-08	7.38E-09	6.73E-08	2.48E-07
3647	489863.09	3850877.25	3.09E-04	3.34E-04	5.32E-04	1.07E-07	3.23E-07	1.87E-07	2.02E-07	1.83E-07	8.35E-08	1.33E-07	3.57E-09	8.62E-08	1.90E-08	2.74E-08	4.35E-08	7.66E-09	6.99E-08	2.57E-07
3648	490363.09	3850877.25	3.24E-04	3.50E-04	5.59E-04	1.12E-07	3.38E-07	1.96E-07	2.12E-07	1.92E-07	8.75E-08	1.40E-07	3.74E-09	9.04E-08	1.99E-08	2.87E-08	4.56E-08	8.03E-09	7.34E-08	2.70E-07
3649	490863.09	3850877.25	3.35E-04	3.62E-04	5.78E-04	1.16E-07	3.50E-07	2.03E-07	2.19E-07	1.98E-07	9.05E-08	1.45E-07	3.87E-09	9.35E-08	2.06E-08	2.97E-08	4.71E-08	8.31E-09	7.59E-08	2.79E-07
3650	491363.09	3850877.25	3.38E-04	3.65E-04	5.84E-04	1.17E-07	3.53E-07	2.05E-07	2.21E-07	2.00E-07	9.14E-08	1.46E-07	3.91E-09	9.44E-08	2.08E-08	3.00E-08	4.76E-08	8.39E-09	7.67E-08	2.82E-07
3651	491863.09	3850877.25	3.38E-04	3.65E-04	5.84E-04	1.17E-07	3.53E-07	2.04E-07	2.21E-07	2.00E-07	9.13E-08	1.46E-07	3.90E-09	9.43E-08	2.08E-08	3.00E-08	4.75E-08	8.38E-09	7.67E-08	2.82E-07
3652	492363.09	3850877.25	3.36E-04	3.63E-04	5.81E-04	1.16E-07	3.51E-07	2.03E-07	2.20E-07	1.99E-07	9.08E-08	1.45E-07	3.88E-09	9.38E-08	2.07E-08	2.98E-08	4.73E-08	8.34E-09	7.63E-08	2.80E-07
3653	492863.09	3850877.25	3.39E-04	3.66E-04	5.85E-04	1.17E-07	3.54E-07	2.05E-07	2.21E-07	2.01E-07	9.16E-08	1.47E-07	3.91E-09	9.45E-08	2.09E-08	3.01E-08	4.77E-08	8.40E-09	7.69E-08	2.82E-07
3654	493363.09	3850877.25	3.47E-04	3.75E-04	6.01E-04	1.20E-07	3.63E-07	2.10E-07	2.27E-07	2.06E-07	9.39E-08	1.50E-07	4.01E-09	9.70E-08	2.14E-08	3.08E-08	4.89E-08	8.62E-09	7.89E-08	2.90E-07
3655	493863.09	3850877.25	3.83E-04	4.14E-04	6.62E-04	1.33E-07	4.00E-07	2.32E-07	2.50E-07	2.27E-07	1.04E-07	1.66E-07	4.43E-09	1.07E-07	2.36E-08	3.40E-08	5.39E-08	9.50E-09	8.69E-08	3.19E-07
3656	494363.09	3850877.25	4.03E-04	4.35E-04	6.95E-04	1.39E-07	4.21E-07	2.44E-07	2.63E-07	2.39E-07	1.09E-07	1.74E-07	4.65E-09	1.12E-07	2.48E-08	3.57E-08	5.67E-08	9.99E-09	9.13E-08	3.36E-07
3657	494863.09	3850877.25	4.43E-04	4.79E-04	7.65E-04	1.53E-07	4.63E-07	2.68E-07	2.90E-07	2.63E-07	1.20E-07	1.92E-07	5.12E-09	1.24E-07	2.73E-08	3.93E-08	6.24E-08	1.10E-08	1.01E-07	3.69E-07
3658	495363.09	3850877.25	4.88E-04	5.27E-04	8.43E-04	1.69E-07	5.10E-07	2.95E-07	3.19E-07	2.89E-07	1.32E-07	2.11E-07	5.64E-09	1.36E-07	3.01E-08	4.33E-08	6.87E-08	1.21E-08	1.11E-07	4.07E-07
3659	495863.09	3850877.25	5.01E-04	5.42E-04	8.65E-04	1.74E-07	5.24E-07	3.03E-07	3.28E-07	2.97E-07	1.36E-07	2.17E-07	5.80E-09	1.40E-07	3.09E-08	4.45E-08	7.06E-08	1.24E-08	1.14E-07	4.18E-07
3660	496363.09	3850877.25	5.29E-04	5.71E-04	9.12E-04	1.83E-07	5.53E-07	3.20E-07	3.46E-07	3.13E-07	1.43E-07	2.28E-07	6.11E-09	1.48E-07	3.26E-08	4.69E-08	7.44E-08	1.31E-08	1.20E-07	4.41E-07
3661	496863.09	3850877.25	5.70E-04	6.16E-04	9.84E-04	1.97E-07	5.96E-07	3.45E-07	3.73E-07	3.38E-07	1.54E-07	2.46E-07	6.59E-09	1.59E-07	3.51E-08	5.06E-08	8.03E-08	1.42E-08	1.29E-07	4.75E-07
3662	497363.09	3850877.25	5.77E-04	6.24E-04	9.96E-04	2.00E-07	6.04E-07	3.49E-07	3.77E-07	3.42E-07	1.56E-07	2.49E-07	6.67E-09	1.61E-07	3.56E-08	5.12E-08	8.13E-08	1.43E-08	1.31E-07	4.81E-07
3663	497863.09	3850877.25	5.72E-04	6.18E-04	9.88E-04	1.98E-07	5.98E-07	3.46E-07	3.74E-07	3.39E-07	1.55E-07	2.47E-07	6.62E-09	1.60E-07	3.53E-08	5.08E-08	8.06E-08	1.42E-08	1.30E-07	4.77E-07
3664	498363.09	3850877.25	5.67E-04	6.12E-04	9.78E-04	1.96E-07	5.92E-07	3.43E-07	3.70E-07	3.36E-07	1.53E-07	2.45E-07	6.55E-09	1.58E-07	3.49E-08	5.03E-08	7.98E-08	1.41E-08	1.28E-07	4.72E-07
3665	471363.09	3851377.25	2.57E-04	2.77E-04	4.41E-04	8.90E-08	2.69E-07	1.55E-07	1.68E-07	1.52E-07	6.94E-08	1.10E-07	2.97E-09	7.18E-08	1.58E-08	2.28E-08	3.62E-08	6.37E-09	5.79E-08	2.14E-07
3666	471863.09	3851377.25	3.13E-04	3.38E-04	5.37E-04	1.08E-07	3.27E-07	1.90E-07	2.05E-07	1.85E-07	8.46E-08	1.34E-07	3.62E-09	8.75E-08	1.93E-08	2.78E-08	4.41E-08	7.77E-09	7.05E-08	2.60E-07
3667	472363.09	3851377.25	3.20E-04	3.45E-04	5.48E-04	1.11E-07	3.34E-07	1.94E-07	2.09E-07	1.89E-07	8.64E-08	1.37E-07	3.70E-09	8.93E-08	1.97E-08	2.84E-08	4.50E-08	7.93E-09	7.20E-08	2.66E-07
3668	472863.09	3851377.25	3.29E-04	3.55E-04	5.63E-04	1.14E-07	3.44E-07	1.99E-07	2.15E-07	1.95E-07	8.88E-08	1.41E-07	3.80E-09	9.18E-08	2.03E-08	2.92E-08	4.62E-08	8.15E-09	7.40E-08	2.73E-07

3669	473363.09	3851377.25	3.03E-04	3.27E-04	5.19E-04	1.05E-07	3.17E-07	1.83E-07	1.98E-07	1.79E-07	8.19E-08	1.30E-07	3.50E-09	8.46E-08	1.87E-08	2.69E-08	4.26E-08	7.52E-09	6.82E-08	2.52E-07
3670	473863.09	3851377.25	3.22E-04	3.47E-04	5.51E-04	1.11E-07	3.36E-07	1.95E-07	2.10E-07	1.90E-07	8.69E-08	1.38E-07	3.72E-09	8.98E-08	1.98E-08	2.85E-08	4.52E-08	7.97E-09	7.24E-08	2.67E-07
3671	474363.09	3851377.25	3.86E-04	4.16E-04	6.60E-04	1.33E-07	4.03E-07	2.33E-07	2.52E-07	2.28E-07	1.04E-07	1.65E-07	4.46E-09	1.08E-07	2.38E-08	3.42E-08	5.42E-08	9.56E-09	8.67E-08	3.21E-07
3672	474863.09	3851377.25	4.47E-04	4.82E-04	7.64E-04	1.55E-07	4.67E-07	2.70E-07	2.92E-07	2.65E-07	1.21E-07	1.91E-07	5.17E-09	1.25E-07	2.75E-08	3.96E-08	6.29E-08	1.11E-08	1.00E-07	3.71E-07
3673	475363.09	3851377.25	5.04E-04	5.43E-04	8.59E-04	1.74E-07	5.26E-07	3.05E-07	3.29E-07	2.98E-07	1.36E-07	2.15E-07	5.82E-09	1.41E-07	3.10E-08	4.46E-08	7.08E-08	1.25E-08	1.13E-07	4.18E-07
3674	475863.09	3851377.25	5.52E-04	5.95E-04	9.40E-04	1.91E-07	5.77E-07	3.34E-07	3.60E-07	3.26E-07	1.49E-07	2.35E-07	6.38E-09	1.54E-07	3.40E-08	4.89E-08	7.76E-08	1.37E-08	1.24E-07	4.58E-07
3675	476363.09	3851377.25	6.02E-04	6.49E-04	1.03E-03	2.08E-07	6.29E-07	3.64E-07	3.93E-07	3.56E-07	1.62E-07	2.57E-07	6.95E-09	1.68E-07	3.71E-08	5.33E-08	8.46E-08	1.49E-08	1.35E-07	5.00E-07
3676	476863.09	3851377.25	6.41E-04	6.91E-04	1.09E-03	2.22E-07	6.70E-07	3.88E-07	4.18E-07	3.79E-07	1.73E-07	2.74E-07	7.41E-09	1.79E-07	3.95E-08	5.68E-08	9.01E-08	1.59E-08	1.44E-07	5.32E-07
3677	477363.09	3851377.25	6.92E-04	7.47E-04	1.18E-03	2.40E-07	7.24E-07	4.19E-07	4.52E-07	4.10E-07	1.87E-07	2.96E-07	8.00E-09	1.93E-07	4.27E-08	6.14E-08	9.74E-08	1.72E-08	1.55E-07	5.75E-07
3678	477863.09	3851377.25	7.16E-04	7.73E-04	1.22E-03	2.48E-07	7.49E-07	4.33E-07	4.68E-07	4.24E-07	1.93E-07	3.05E-07	8.28E-09	2.00E-07	4.41E-08	6.35E-08	1.01E-07	1.77E-08	1.60E-07	5.95E-07
3679	478363.09	3851377.25	7.26E-04	7.83E-04	1.23E-03	2.51E-07	7.59E-07	4.39E-07	4.74E-07	4.29E-07	1.96E-07	3.08E-07	8.39E-09	2.03E-07	4.47E-08	6.43E-08	1.02E-07	1.80E-08	1.62E-07	6.02E-07
3680	478863.09	3851377.25	7.25E-04	7.81E-04	1.22E-03	2.51E-07	7.57E-07	4.38E-07	4.72E-07	4.28E-07	1.95E-07	3.06E-07	8.38E-09	2.02E-07	4.46E-08	6.41E-08	1.02E-07	1.79E-08	1.61E-07	6.00E-07
3681	479363.09	3851377.25	7.40E-04	7.97E-04	1.24E-03	2.56E-07	7.73E-07	4.48E-07	4.82E-07	4.37E-07	1.99E-07	3.12E-07	8.55E-09	2.07E-07	4.56E-08	6.55E-08	1.04E-07	1.83E-08	1.64E-07	6.12E-07
3682	479863.09	3851377.25	9.20E-04	9.91E-04	1.56E-03	3.18E-07	9.62E-07	5.57E-07	6.00E-07	5.44E-07	2.48E-07	3.89E-07	1.06E-08	2.57E-07	5.67E-08	8.14E-08	1.29E-07	2.28E-08	2.04E-07	7.62E-07
3683	480363.09	3851377.25	1.11E-03	1.20E-03	1.89E-03	3.85E-07	1.16E-06	6.73E-07	7.26E-07	6.58E-07	3.00E-07	4.74E-07	1.29E-08	3.11E-07	6.85E-08	9.86E-08	1.56E-07	2.76E-08	2.49E-07	9.23E-07
3684	480863.09	3851377.25	1.09E-03	1.18E-03	1.85E-03	3.78E-07	1.14E-06	6.61E-07	7.12E-07	6.46E-07	2.95E-07	4.63E-07	1.26E-08	3.05E-07	6.73E-08	9.67E-08	1.53E-07	2.70E-08	2.43E-07	9.05E-07
3685	481363.09	3851377.25	9.90E-04	1.07E-03	1.68E-03	3.43E-07	1.03E-06	5.99E-07	6.46E-07	5.85E-07	2.67E-07	4.19E-07	1.14E-08	2.76E-07	6.10E-08	8.77E-08	1.39E-07	2.45E-08	2.20E-07	8.20E-07
3686	481863.09	3851377.25	8.16E-04	8.79E-04	1.38E-03	2.82E-07	8.53E-07	4.94E-07	5.32E-07	4.82E-07	2.20E-07	3.45E-07	9.43E-09	2.28E-07	5.03E-08	7.22E-08	1.15E-07	2.02E-08	1.81E-07	6.75E-07
3687	482363.09	3851377.25	6.90E-04	7.44E-04	1.17E-03	2.39E-07	7.21E-07	4.18E-07	4.50E-07	4.08E-07	1.86E-07	2.92E-07	7.98E-09	1.93E-07	4.25E-08	6.11E-08	9.69E-08	1.71E-08	1.53E-07	5.72E-07
3688	482863.09	3851377.25	4.95E-04	5.34E-04	8.37E-04	1.71E-07	5.18E-07	3.00E-07	3.23E-07	2.93E-07	1.34E-07	2.09E-07	5.73E-09	1.38E-07	3.05E-08	4.38E-08	6.96E-08	1.23E-08	1.10E-07	4.10E-07
3689	483363.09	3851377.25	3.54E-04	3.82E-04	5.99E-04	1.23E-07	3.70E-07	2.14E-07	2.31E-07	2.09E-07	9.56E-08	1.50E-07	4.10E-09	9.89E-08	2.18E-08	3.14E-08	4.98E-08	8.77E-09	7.86E-08	2.93E-07
3690	483863.09	3851377.25	3.07E-04	3.31E-04	5.21E-04	1.06E-07	3.21E-07	1.86E-07	2.00E-07	1.82E-07	8.29E-08	1.30E-07	3.55E-09	8.58E-08	1.89E-08	2.72E-08	4.32E-08	7.61E-09	6.84E-08	2.55E-07
3691	484363.09	3851377.25	3.71E-04	3.99E-04	6.25E-04	1.28E-07	3.87E-07	2.24E-07	2.42E-07	2.19E-07	9.99E-08	1.56E-07	4.28E-09	1.03E-07	2.28E-08	3.28E-08	5.20E-08	9.17E-09	8.21E-08	3.07E-07
3692	484863.09	3851377.25	2.80E-04	3.02E-04	4.74E-04	9.70E-08	2.93E-07	1.69E-07	1.83E-07	1.66E-07	7.56E-08	1.19E-07	3.24E-09	7.82E-08	1.73E-08	2.48E-08	3.93E-08	6.93E-09	6.23E-08	2.32E-07
3693	485363.09	3851377.25	3.52E-04	3.79E-04	5.94E-04	1.22E-07	3.67E-07	2.13E-07	2.29E-07	2.08E-07	9.48E-08	1.49E-07	4.06E-09	9.82E-08	2.17E-08	3.11E-08	4.94E-08	8.70E-09	7.81E-08	2.91E-07
3694	485863.09	3851377.25	3.09E-04	3.33E-04	5.24E-04	1.07E-07	3.23E-07	1.87E-07	2.01E-07	1.82E-07	8.33E-08	1.31E-07	3.57E-09	8.62E-08	1.90E-08	2.73E-08	4.34E-08	7.64E-09	6.88E-08	2.56E-07
3695	486363.09	3851377.25	3.40E-04	3.66E-04	5.76E-04	1.18E-07	3.55E-07	2.06E-07	2.22E-07	2.01E-07	9.17E-08	1.44E-07	3.93E-09	9.49E-08	2.09E-08	3.01E-08	4.78E-08	8.42E-09	7.57E-08	2.82E-07
3696	486863.09	3851377.25	3.37E-04	3.64E-04	5.74E-04	1.17E-07	3.53E-07	2.04E-07	2.20E-07	2.00E-07	9.10E-08	1.44E-07	3.90E-09	9.42E-08	2.08E-08	2.99E-08	4.74E-08	8.35E-09	7.53E-08	2.80E-07
3697	487363.09	3851377.25	3.09E-04	3.33E-04	5.27E-04	1.07E-07	3.23E-07	1.87E-07	2.02E-07	1.83E-07	8.34E-08	1.32E-07	3.57E-09	8.62E-08	1.90E-08	2.74E-08	4.34E-08	7.65E-09	6.93E-08	2.57E-07
3698	487863.09	3851377.25	3.51E-04	3.79E-04	6.01E-04	1.21E-07	3.67E-07	2.12E-07	2.29E-07	2.08E-07	9.47E-08	1.50E-07	4.05E-09	9.79E-08	2.16E-08	3.11E-08	4.93E-08	8.70E-09	7.89E-08	2.92E-07
3699	488363.09	3851377.25	3.77E-04	4.07E-04	6.46E-04	1.30E-07	3.94E-07	2.28E-07	2.46E-07	2.23E-07	1.02E-07	1.62E-07	4.35E-09	1.05E-07	2.32E-08	3.34E-08	5.30E-08	9.34E-09	8.49E-08	3.13E-07
3700	488863.09	3851377.25	3.96E-04	4.27E-04	6.80E-04	1.37E-07	4.13E-07	2.39E-07	2.58E-07	2.34E-07	1.07E-07	1.70E-07	4.57E-09	1.10E-07	2.44E-08	3.51E-08	5.57E-08	9.81E-09	8.94E-08	3.29E-07
3701	489363.09	3851377.25	4.16E-04	4.49E-04	7.17E-04	1.44E-07	4.35E-07	2.52E-07	2.72E-07	2.46E-07	1.12E-07	1.79E-07	4.81E-09	1.16E-07	2.56E-08	3.69E-08	5.86E-08	1.03E-08	9.42E-08	3.47E-07
3702	489863.09	3851377.25	4.33E-04	4.67E-04	7.47E-04	1.50E-07	4.52E-07	2.62E-07	2.83E-07	2.56E-07	1.17E-07	1.87E-07	5.00E-09	1.21E-07	2.67E-08	3.84E-08	6.09E-08	1.07E-08	9.81E-08	3.61E-07
3703	490363.09	3851377.25	4.50E-04	4.86E-04	7.76E-04	1.56E-07	4.70E-07	2.72E-07	2.94E-07	2.66E-07	1.22E-07	1.94E-07	5.20E-09	1.26E-07	2.77E-08	3.99E-08	6.33E-08	1.12E-08	1.02E-07	3.75E-07
3704	490863.09	3851377.25	4.61E-04	4.98E-04	7.96E-04	1.60E-07	4.82E-07	2.79E-07	3.02E-07	2.73E-07	1.25E-07	1.99E-07	5.33E-09	1.29E-07	2.84E-08	4.09E-08	6.50E-08	1.14E-08	1.05E-07	3.85E-07
3705	491363.09	3851377.25	4.60E-04	4.97E-04	7.95E-04	1.59E-07	4.81E-07	2.79E-07	3.01E-07	2.73E-07	1.24E-07	1.99E-07	5.32E-09	1.29E-07	2.84E-08	4.09E-08	6.48E-08	1.14E-08	1.04E-07	3.84E-07
3706	491863.09	3851377.25	4.62E-04	4.99E-04	7.98E-04	1.60E-07	4.83E-07	2.79E-07	3.02E-07	2.74E-07	1.25E-07	2.00E-07	5.34E-09	1.29E-07	2.85E-08	4.10E-08	6.50E-08	1.15E-08	1.05E-07	3.85E-07
3707	492363.09	3851377.25	4.68E-04	5.05E-04	8.08E-04	1.62E-07	4.89E-07	2.83E-07	3.06E-07	2.77E-07	1.26E-07	2.02E-07	5.41E-09	1.31E-07	2.88E-08	4.15E-08	6.58E-08	1.16E-08	1.06E-07	3.90E-07
3708	492863.09	3851377.25	4.63E-04	5.00E-04	8.00E-04	1.60E-07	4.84E-07	2.80E-07	3.03E-07	2.74E-07	1.25E-07	2.00E-07	5.35E-09	1.29E-07	2.85E-08	4.11E-08	6.52E-08	1.15E-08	1.05E-07	3.86E-07
3709	493363.09	3851377.25	4.28E-04	4.63E-04	7.40E-04	1.48E-07	4.48E-07	2.59E-07	2.80E-07	2.54E-07	1.16E-07	1.85E-07	4.95E-09	1.20E-07	2.64E-08	3.80E-08	6.03E-08	1.06E-08	9.73E-08	3.57E-07
3710	493863.09	3851377.25	4.67E-04	5.05E-04	8.07E-04	1.62E-07	4.89E-07	2.83E-07	3.06E-07	2.77E-07	1.26E-07	2.02E-07	5.40E-09	1.31E-07	2.88E-08	4.15E-08	6.58E-08	1.16E-08	1.06E-07	3.90E-07
3711	494363.09	3851377.25	5.47E-04	5.91E-04	9.44E-04	1.89E-07	5.72E-07	3.31E-07	3.58E-07	3.24E-07	1.48E-07	2.36E-07	6.32E-09	1.53E-07	3.37E-08	4.86E-08	7.70E-08	1.36E-08	1.24E-07	4.56E-07
3712	494863.09	3851377.25	5.70E-04	6.15E-04	9.83E-04	1.97E-07	5.95E-07	3.45E-07	3.72E-07	3.38E-07	1.54E-07	2.46E-07	6.59E-09	1.59E-07	3.51E-08	5.06E-08	8.02E-08	1.41E-08	1.29E-07	4.75E-07
3713	495363.09	3851377.25	6.51E-04	7.04E-04	1.12E-03	2.26E-07	6.81E-07	3.94E-07	4.26E-07	3.86E-07	1.76E-07	2.81E-07	7.53E-09	1.82E-07	4.01E-08	5.78E-08	9.17E-08	1.62E-08	1.48E-07	5.43E-07
3714	495863.09	3851377.25	6.84E-04	7.39E-04	1.18E-03	2.37E-07	7.15E-07	4.14E-07	4.47E-07	4.05E-07	1.85E-07	2.95E-07	7.91E-09	1.91E-07	4.22E-08	6.07E-08	9.63E-08	1.70E-08	1.55E-07	5.70E-07
3715	496363.09	3851377.25	7.02E-04	7.58E-04	1.21E-03	2.43E-07	7.33E-07	4.24E-07	4.59E-07	4.16E-07	1.90E-07	3.03E-07	8.11E-09	1.96E-07	4.32E-08	6.23E-08	9.88E-08	1.74E-08	1.59E-07	5.85E-07
3716	496863.09	3851377.25	7.07E-04	7.64E-04	1.22E-03	2.45E-07	7.39E-07	4.28E-07	4.62E-07	4.19E-07	1.91E-07	3.05E-07	8.17E-09	1.97E-07	4.36E-08	6.27E-08	9.95E-08	1.75E-08	1.60E-07	5.89E-07
3717	497363.09	3851377.25	7.09E-04	7.66E-04	1.22E-03	2.45E-07	7.41E-07	4.29E-07	4.63E-07	4.20E-07	1.92E-07	3.06E-07	8.19E-09	1.98E-07	4.37E-08	6.29E-08	9.98E-08	1.76E-08	1.61E-07	5.91E-07
3718	497863.09	3851377.25	6.98E-04	7.55E-04	1.20E-03	2.42E-07	7.30E-07	4.23E-07	4.57E-07	4.14E-07	1.89E-07	3.02E-07	8.07E-09	1.95E-07	4.30E-08	6.20E-08	9.83E-08	1.73E-08	1.58E-07	5.82E-07
3719	498363.09	3851377.25	6.65E-04	7.18E-04	1.15E-03	2.30E-07	6.95E-07	4.02E-07	4.35E-07	3.94E-07	1.80E-07	2.87E-07	7.69E-09	1.86E-07	4.10E-08	5.90E-08	9.36E-08	1.65E-08	1.51E-07	5.54E-07
3720	471363.09	3851877.25	2.90E-04	3.14E-04	4.99E-04	1.01E-07	3.04E-07	1.76E-07	1.90E-07	1.72E-07	7.85E-08	1.25E-07	3.36E-09	8.11E-08	1.79E-08	2.58E-08	4.09E-08	7.20E-09	6.55E-08	2.42E-07
3721	471863.09	3851877.25	2.82E-04	3.05E-04	4.85E-04	9.77E-08	2.95E-07	1.71E-07	1.84E-07	1.67E-07	7.63E-08	1.21E-07	3.26E-09	7.88E-08	1.74E-08	2.50E-08	3.97E-08	7.00E-09	6.37E-08	2.35E-07
3722	472363.09	3851877.25	3.17E-04	3.42E-04	5.44E-04	1.10E-07	3.31E-07	1.92E-07	2.07E-07	1.88E-07	8.56E-08	1.36E-07	3.66E-09	8.85E-08	1.95E-08	2.81E-08	4.46E-08	7.86E-09	7.15E-08	2.64E-07
3723	472863.09	3851877.25	3.48E-04	3.75E-04	5.97E-04	1.20E-07	3.63E-07	2.10E-07	2.27E-07	2.06E-07	9.40E-08	1.49E-07	4.02E-09	9.71E-08	2.14E-08	3.08E-08	4.89E-08	8.62E-09	7.84E-08	2.89E-07
3724	473363.09	3851877.25	3.28E-04	3.54E-04	5.62E-04	1.13E-07	3.43E-07	1.98E-07	2.14E-07	1.94E-07	8.85E-08	1.41E-07	3.79E-09	9.15E-08	2.02E-08	2.91E-08	4.61E-08	8.12E-09	7.38E-08	2.73E-07
3725	473863.09	3851877.25	3.38E-04	3.65E-04	5.79E-04	1.17E-07	3.53E-07	2.04E-07	2.21E-07	2.00E-07	9.12E-08	1.45E-07	3.90E-09	9.43E-08	2.08E-08	2.99E-08	4.75E-08	8.37E-09	7.60E-08	2.81E-07
3726	474363.09	3851877.25	3.95E-04	4.26E-04	6.76E-04	1.37E-07	4.13E-07	2.39E-07	2.58E-07	2.34E-07	1.07E-07	1.69E-07	4.57E-09	1.10E-07	2.43E-08	3.50E-08	5.56E-08	9.79E-09	8.88E-08	3.28E-07
3727	474863.09	3851877.25	4.54E-04	4.90E-04	7.77E-04	1.57E-07	4.74E-07	2.74E-07	2.96E-07	2.69E-07	1.23E-07	1.94E-07	5.24E-09	1.27E-07	2.80E-08	4.02E-08	6.38E-08	1.12E-08	1.02E-07	3.77E-07
3728	475363.09	3851877.25	4.94E-04	5.33E-04	8.45E-04	1.71E-07	5.16E-07	2.99E-07	3.23E-07	2.92E-07	1.33E-07	2.12E-07	5.71E-09	1.38E-07	3.04E-08	4.38E-08	6.95E-08	1.22E-08	1.11E-07	4.11E-07
3729	475863.09	3851877.25	5.33E-04	5.76E-04	9.12E-04	1.85E-07	5.57E-07	3.23E-07	3.48E-07	3.16E-07	1.44E-07	2.28E-07	6.17E-09	1.49E-07	3.29E-08	4.73E-08	7.50E-08	1.32E-08	1.20E-07	4.43E-07
3730	476363.09	3851877.25	5.51E-04	5.95E-04	9.43E-04	1.91E-07	5.76E-07	3.33E-07	3.60E-07	3.26E-07	1.49E-07	2.36E-07	6.37E-09	1.54E-07	3.39E-08	4.88E-08	7.75E-08	1.37E-08	1.24E-07	4.58E-07
3731	476863.09	3851877.25	6.23E-04	6.72E-04	1.07E-03	2.16E-07	6.51E-07	3.77E-07	4.07E-07	3.69E-07	1.68E-07	2.67E-07	7.20E-09	1.74E-07	3.84E-08	5.52E-08	8.76E-08	1.54E-08	1.40E-07	5.18E-07
3732	477363.09	3851877.25	6.99E-04	7.55E-04	1.19E-03	2.42E-07	7.31E-07	4.23E-07	4.57E-07	4.14E-07	1.89E-07	2.99E-07	8.08E-09	1.95E-07	4.31E-08	6.20E-08	9.83E-08	1.73E-08	1.57E-07	5.81E-07
3733	477863.09	3851877.25	7.65E-04	8.25E-04	1.31E-03	2.65E-07	7.99E-07	4.63E-07	4.99E-07	4.53E-07	2.06E-07	3.27E-07	8.84E-09	2.13E-07	4.71E-08	6.78E-08	1.08E-07	1.89E-08	1.72E-07	6.35E-07
3734	478363.09	3851877.25	7.92E-04	8.55E-04	1.36E-03	2.74E-07	8.28E-07	4.80E-07	5.17E-07	4.69E-07	2.14E-07	3.39E-07	9.16E-09	2.21E-07	4.88E-08	7.03E-08	1.11E-07	1.96E-08	1.78E-07	6.59E-07
3735	478863.09	3851877.25	8.45E-04	9.12E-04	1.44E-03	2.93E-07	8.84E-07	5.11E-07	5.52E-07	5.00E-07	2.28E-07	3.61E-07	9.77E-09	2.36E-07	5.21E-08	7.49E-08	1.19E-07	2.09E-08	1.90E-07	7.02E-07
3736	479363.09	3851877.25	8.85E-04	9.54E-04	1.50E-03	3.06E-07	9.25E-07	5.36E-07	5.77E-07	5.23E-07	2.39E-07	3.76E-07	1.02E-08	2.47E-07	5.45E-08	7.84E-08	1.24E-07	2.19E-08	1.97E-07	7.34E-07
3737	479863.09	3851877.25	9.31E-04	1.00E-03	1.57E-03	3.22E-07	9.73E-07	5.63E-07	6.07E-07	5.50E-07	2.51E-07	3.94E-07	1.08E-08	2.60E-07	5.74E-08	8.24E-08	1.31E-07	2.30E-08	2.07E-07	7.71E-07
3738	480363.09	3851877.25	1.12E-03	1.21E-03	1.90E-03	3.88E-07	1.17E-06	6.78E-07	7.31E-07	6.63E-07	3.02E-07	4.75E-07	1.30E-08	3.13E-07	6.91E-08	9.92E-08	1.57E-07	2.77E-08	2.49E-07	9.29E-07
3739	480863.09	3851877.25	1.35E-03	1.45E-03	2.29E-03	4.66E-07	1.41E-06	8.15E-07	8.79E-07	7.96E-07	3.63E-07	5.72E-07	1.56E-08	3.76E-07	8.30E-08	1.19E-07	1.89E-07	3.33E-08	3.00E-07	1.12E-06
3740	481363.09	3851877.25	1.34E-03	1.44E-03	2.26E-03	4.63E-07	1.40E-06	8.10E-07	8.72E-07	7.91E-07	3.61E-07	5.66E-07	1.55E-08	3.74E-07	8.25E-08	1.18E-07	1.88E-07	3.31E-08	2.97E-07	1.11E-06
3741	481863.09	3851877.25	1.18E-03	1.27E-03	1.99E-03	4.07E-07	1.23E-06	7.12E-07	7.67E-07	6.96E-07	3.17E-07	4.98E-07	1.36E-08	3.29E-07	7.25E-08	1.04E-07	1.65E-07	2.91E-08	2.61E-07	9.75E-07
3742	482363.09	3851877.25	8.34E-04	8.99E-04	1.41E-03	2.89E-07	8.72E-07	5.05E-07	5.44E-07	4.93E-07	2.25E-07	3.53E-07	9.64E-09	2.33E-07	5.14E-08	7.38E-08	1.17E-07	2.06E-08	1.85E-07	6.91E-07
3743	482863.09	3851877.25	5.48E-04	5.90E-04	9.27E-04	1.90E-07	5.72E-07	3.31E-07	3.57E-07	3.24E-07	1.48E-07	2.32E-07	6.33E-09	1.53E-07	3.37E-08	4.85E-08	7.69E-08	1.36E-08	1.22E-07	4.54E-07
3744	483363.09	3851877.25	5.48E-04	5.90E-04	9.22E-04	1.90E-07	5.73E-07	3.31E-07	3.57E-07	3.24E-07	1.48E-07	2.31E-07	6.33E-09	1.53E-07	3.38E-08	4.85E-08	7.69E-08	1.36E-08	1.21E-07	4.53E-07
3745	483863.09	3851877.25	4.77E-04	5.13E-04	8.03E-04	1.65E-07	4.98E-07	2.88E-07	3.11E-07	2.82E-07	1.28E-07	2.01E-07	5.51E-09	1.33E-07	2.94E-08	4.22E-08	6.69E-08	1.18E-08	1.05E-07	3.94E-07
3746	484363.09	3851877.25	5.13E-04	5.53E-04	8.65E-04	1.78E-07	5.36E-07	3.11E-07	3.35E-07	3.03E-07	1.38E-07	2.16E-07	5.93E-09	1.43E-07	3.16E-08	4.54E-08	7.21E-08	1.27E-08	1.14E-07	4.25E-07
3747	484863.09	3851877.25	4.59E-04	4.95E-04	7.75E-04	1.59E-07	4.80E-07	2.78E-07	2.99E-07	2.71E-07	1.24E-07	1.94E-07	5.31E-09	1.28E-07	2.83E-08	4.06E-08	6.45E-08	1.14E-08	1.02E-07	3.80E-07
3748	485363.09	3851877.25	4.75E-04	5.12E-04	8.03E-04	1.65E-07	4.97E-07	2.88E-07	3.10E-07	2.81E-07	1.28E-07	2.01E-07	5.50E-09	1.33E-07	2.93E-08	4.21E-08	6.68E-08	1.18E-08	1.06E-07	3.94E-07
3749	485863.09	3851877.25	4.91E-04	5.30E-04	8.31E-04	1.70E-07	5.14E-07	2.97E-07	3.20E-07	2.90E-07	1.33E-07	2.08E-07	5.68E-09	1.37E-07	3.03E-08	4.35E-08	6.90E-08	1.22E-08	1.09E-07	4.07E-07
3750	486363.09	3851877.25	4.54E-04	4.90E-04	7.72E-04	1.57E-07	4.75E-07	2.75E-07	2.96E-07	2.69E-07	1.23E-07	1.93E-07	5.25E-09	1.27E-07	2.80E-08	4.02E-08	6.38E-08	1.12E-08	1.01E-07	3.77E-07
3751	486863.09	3851877.25	4.71E-04	5.08E-04	8.03E-04	1.63E-07	4.92E-07	2.85E-07	3.07E-07	2.78E-07	1.27E-07	2.01E-07	5.44E-09	1.31E-07	2.90E-08	4.17E-08	6.62E-08	1.17E-08	1.05E-07	3.91E-07
3752	487363.09	3851877.25	4.88E-04	5.26E-04	8.35E-04	1.69E-07	5.10E-07	2.95E-07	3.19E-07	2.89E-07	1.32E-07	2.09E-07	5.64E-09	1.36E-07	3.01E-08	4.32E-08	6.86E-08	1.21E-08	1.10E-07	4.06E-07
3753	487863.09	3851877.25	4.64E-04	5.01E-04	7.99E-04	1.61E-07	4.85E-07	2.81E-07	3.03E-07	2.75E-07	1.25E-07	2.00E-07	5.37E-09	1.30E-07	2.86E-08	4.12E-08	6.53E-08	1.15E-08	1.05E-07	3.87E-07
3754	488363.09	3851877.25	4.97E-04	5.37E-04	8.56E-04	1.72E-07	5.19E-07	3.01E-07	3.25E-07	2.94E-07	1.34E-07	2.14E-07	5.74E-09	1.39E-07	3.06E-08	4.41E-08	6.99E-08	1.23E-08	1.12E-07	4.14E-07
3755	488863.09	3851877.25	5.04E-04	5.44E-04	8.70E-04	1.74E-07	5.27E-07	3.05E-07	3.29E-07	2.99E-07	1.36E-07	2.18E-07	5.83E-09	1.41E-07	3.11E-08	4.47E-08	7.10E-08	1.25E-08	1.14E-07	4.20E-07
3756	489363.09	3851877.25	5.15E-04	5.56E-04	8.89E-04	1.78E-07	5.38E-07	3.11E-07	3.37E-07	3.05E-07	1.39E-07	2.23E-07	5.95E-09	1.44E-07	3.17E-08	4.57E-08	7.25E-08	1.28E-08	1.17E-07	4.29E-07
3757	489863.09	3851877.25	5.33E-04	5.76E-04	9.22E-04	1.85E-07	5.57E-07	3.23E-07	3.49E-07	3.16E-07	1.44E-07	2.31E-07	6.17E-09	1.49E-07	3.29E-08	4.73E-08	7.51E-08	1.32E-08	1.21E-07	4.45E-07
3758	490363.09	3851877.25	5.63E-04	6.08E-04	9.72E-04	1.95E-07	5.88E-07	3.40E-07	3.68E-07	3.33E-07	1.52E-07	2.43E-07	6.50E-09	1.57E-07	3.47E-08	4.99E-08	7.92E-08	1.40E-08	1.28E-07	4.69E-07
3759	490863.09	3851877.25	5.94E-04	6.42E-04	1.03E-03	2.06E-07	6.21E-07	3.60E-07	3.89E-07	3.52E-07	1.61E-07	2.57E-07	6.87E-09	1.66E-07	3.66E-08	5.28E-08	8.37E-08	1.48E-08	1.35E-07	4.96E-07
3760	491363.09	3851877.25	6.28E-04	6.78E-04	1.08E-03	2.17E-07	6.56E-07	3.80E-07	4.10E-07	3.72E-07	1.70E-07	2.71E-07	7.26E-09	1.75E-07	3.87E-08	5.57E-08	8.84E-08	1.56E-08	1.42E-07	5.23E-07
3761	491863.09	3851877.25	6.51E-04	7.03E-04	1.12E-03	2.25E-07	6.80E-07	3.94E-07	4.25E-07	3.85E-07	1.76E-07	2.81E-07	7.52E-09	1.82E-07	4.01E-08	5.77E-08	9.16E-08	1.61E-08	1.47E-07	5.42E-07
3762	492363.09	3851877.25	6.40E-04	6.92E-04	1.10E-03	2.22E-07	6.69E-07	3.87E-07	4.18E-07	3.79E-07	1.73E-07	2.77E-07	7.40E-09	1.79E-07	3.94E-08	5.68E-08	9.01E-08	1.59E-08	1.45E-07	5.34E-07
3763	492863.09	3851877.25	5.70E-04	6.16E-04	9.84E-04	1.97E-07	5.95E-07	3.45E-07	3.72E-07	3.38E-07	1.54E-07	2.46E-07	6.59E-09	1.59E-07	3.51E-08	5.06E-08	8.02E-08	1.41E-08	1.29E-07	4.75E-07
3764	493363.09	3851877.25	6.69E-04	7.23E-04	1.16E-03	2.32E-07	7.00E-07	4.05E-07	4.38E-07	3.97E-07	1.81E-07	2.89E-07	7.74E-09	1.87E-07	4.12E-08	5.94E-08	9.43E-08	1.66E-08	1.52E-07	5.58E-07
3765	493863.09	3851877.25	7.79E-04	8.41E-04	1.34E-03	2.70E-07	8.14E-07	4.71E-07	5.09E-07	4.61E-07	2.11E-07	3.36E-07	9.00E-09	2.17E-07	4.80E-08	6.91E-08	1.10E-07	1.93E-08	1.76E-07	6.49E-07
3766	494363.09	3851877.25	7.60E-04	8.21E-04	1.31E-03	2.63E-07	7.95E-07	4.60E-07	4.97E-07	4.50E-07	2.06E-07	3.28E-07	8.79E-09	2.12E-07	4.68E-08	6.75E-08	1.07E-07	1.89E-08	1.72E-07	6.33E-07
3767	494863.09	3851877.25	8.32E-04	8.98E-04	1.43E-03	2.88E-07	8.69E-07	5.03E-07	5.44E-07	4.93E-07	2.25E-07	3.59E-07	9.61E-09	2.32E-07	5.12E-08	7.38E-08	1.17E-07	2.06E-08	1.88E-07	6.93E-07
3768	495363.09	3851877.25	8.78E-04	9.48E-04	1.51E-03	3.04E-07	9.18E-07	5.31E-07	5.74E-07	5.20E-07	2.37E-07	3.79E-07	1.01E-08	2.45E-07	5.41E-08	7.79E-08	1.24E-07	2.18E-08	1.99E-07	7.31E-07
3769	495863.09	3851877.25	9.05E-04	9.77E-04	1.56E-03	3.13E-07	9.45E-07	5.47E-07	5.91E-07	5.36E-07	2.45E-07	3.90E-07	1.05E-08	2.53E-07	5.57E-08	8.03E-08	1.27E-07	2.24E-08	2.05E-07	7.54E-07
3770	496363.09	3851877.25	8.93E-04	9.65E-04	1.54E-03	3.09E-07	9.34E-07	5.41E-07	5.84E-07	5.29E-07	2.42E-07	3.85E-07	1.03E-08	2.49E-07	5.50E-08	7.93E-08	1.26E-07	2.22E-08	2.02E-07	7.44E-07
3771	496863.09	3851877.25	8.75E-04	9.45E-04	1.51E-03	3.03E-07	9.15E-07	5.30E-07	5.72E-07	5.19E-07	2.37E-07	3.78E-07	1.01E-08	2.44E-07	5.39E-08	7.77E-08	1.23E-07	2.17E-08	1.98E-07	7.29E-07
3772	497363.09	3851877.25	8.51E-04	9.19E-04	1.47E-03	2.95E-07	8.89E-07	5.15E-07	5.56E-07	5.04E-07	2.30E-07	3.67E-07	9.83E-09	2.38E-07	5.24E-08	7.55E-08	1.20E-07	2.11E-08	1.93E-07	7.09E-07
3773	497863.09	3851877.25	7.99E-04	8.63E-04	1.38E-03	2.76E-07	8.35E-07	4.83E-07	5.22E-07	4.73E-07	2.16E-07	3.45E-07	9.23E-09	2.23E-07	4.92E-08	7.09E-08	1.12E-07	1.98E-08	1.81E-07	6.65E-07

3774	498363.09	3851877.25	7.52E-04	8.13E-04	1.30E-03	2.60E-07	7.86E-07	4.55E-07	4.92E-07	4.46E-07	2.03E-07	3.25E-07	8.70E-09	2.10E-07	4.63E-08	6.68E-08	1.06E-07	1.87E-08	1.70E-07	6.27E-07
3775	471363.09	3852377.25	2.67E-04	2.88E-04	4.58E-04	9.24E-08	2.79E-07	1.61E-07	1.74E-07	1.58E-07	7.21E-08	1.15E-07	3.08E-09	7.45E-08	1.64E-08	2.37E-08	3.75E-08	6.62E-09	6.02E-08	2.22E-07
3776	471863.09	3852377.25	3.05E-04	3.29E-04	5.23E-04	1.05E-07	3.18E-07	1.84E-07	1.99E-07	1.80E-07	8.23E-08	1.31E-07	3.52E-09	8.51E-08	1.88E-08	2.70E-08	4.29E-08	7.56E-09	6.87E-08	2.54E-07
3777	472363.09	3852377.25	3.33E-04	3.59E-04	5.72E-04	1.15E-07	3.48E-07	2.01E-07	2.17E-07	1.97E-07	8.99E-08	1.43E-07	3.85E-09	9.29E-08	2.05E-08	2.95E-08	4.68E-08	8.25E-09	7.51E-08	2.77E-07
3778	472863.09	3852377.25	3.54E-04	3.83E-04	6.09E-04	1.23E-07	3.70E-07	2.14E-07	2.32E-07	2.10E-07	9.58E-08	1.52E-07	4.10E-09	9.90E-08	2.18E-08	3.14E-08	4.99E-08	8.79E-09	7.99E-08	2.95E-07
3779	473363.09	3852377.25	3.66E-04	3.96E-04	6.29E-04	1.27E-07	3.83E-07	2.22E-07	2.39E-07	2.17E-07	9.90E-08	1.57E-07	4.24E-09	1.02E-07	2.26E-08	3.25E-08	5.16E-08	9.09E-09	8.26E-08	3.05E-07
3780	473863.09	3852377.25	3.72E-04	4.01E-04	6.38E-04	1.29E-07	3.88E-07	2.25E-07	2.43E-07	2.20E-07	1.00E-07	1.60E-07	4.30E-09	1.04E-07	2.29E-08	3.30E-08	5.23E-08	9.22E-09	8.38E-08	3.09E-07
3781	474363.09	3852377.25	3.83E-04	4.13E-04	6.57E-04	1.33E-07	4.00E-07	2.32E-07	2.50E-07	2.27E-07	1.03E-07	1.64E-07	4.43E-09	1.07E-07	2.36E-08	3.40E-08	5.39E-08	9.49E-09	8.63E-08	3.19E-07
3782	474863.09	3852377.25	4.91E-04	5.30E-04	8.41E-04	1.70E-07	5.13E-07	2.97E-07	3.21E-07	2.91E-07	1.33E-07	2.10E-07	5.67E-09	1.37E-07	3.02E-08	4.35E-08	6.90E-08	1.22E-08	1.10E-07	4.08E-07
3783	475363.09	3852377.25	5.10E-04	5.51E-04	8.74E-04	1.77E-07	5.34E-07	3.09E-07	3.33E-07	3.02E-07	1.38E-07	2.19E-07	5.90E-09	1.43E-07	3.15E-08	4.53E-08	7.18E-08	1.27E-08	1.15E-07	4.24E-07
3784	475863.09	3852377.25	5.23E-04	5.65E-04	8.96E-04	1.81E-07	5.47E-07	3.17E-07	3.42E-07	3.10E-07	1.41E-07	2.24E-07	6.05E-09	1.46E-07	3.22E-08	4.64E-08	7.36E-08	1.30E-08	1.18E-07	4.35E-07
3785	476363.09	3852377.25	5.24E-04	5.65E-04	8.96E-04	1.81E-07	5.47E-07	3.17E-07	3.42E-07	3.10E-07	1.41E-07	2.24E-07	6.05E-09	1.46E-07	3.23E-08	4.64E-08	7.36E-08	1.30E-08	1.18E-07	4.35E-07
3786	476863.09	3852377.25	5.68E-04	6.13E-04	9.72E-04	1.97E-07	5.94E-07	3.44E-07	3.71E-07	3.36E-07	1.53E-07	2.43E-07	6.57E-09	1.59E-07	3.50E-08	5.04E-08	7.99E-08	1.41E-08	1.28E-07	4.72E-07
3787	477363.09	3852377.25	6.02E-04	6.49E-04	1.03E-03	2.08E-07	6.29E-07	3.64E-07	3.93E-07	3.56E-07	1.63E-07	2.58E-07	6.96E-09	1.68E-07	3.71E-08	5.34E-08	8.46E-08	1.49E-08	1.35E-07	5.00E-07
3788	477863.09	3852377.25	5.46E-04	5.90E-04	9.36E-04	1.89E-07	5.71E-07	3.30E-07	3.57E-07	3.23E-07	1.48E-07	2.34E-07	6.31E-09	1.52E-07	3.36E-08	4.84E-08	7.68E-08	1.35E-08	1.23E-07	4.54E-07
3789	478363.09	3852377.25	5.18E-04	5.59E-04	8.87E-04	1.79E-07	5.42E-07	3.13E-07	3.38E-07	3.07E-07	1.40E-07	2.22E-07	5.99E-09	1.45E-07	3.19E-08	4.59E-08	7.29E-08	1.28E-08	1.17E-07	4.31E-07
3790	478863.09	3852377.25	6.95E-04	7.49E-04	1.19E-03	2.40E-07	7.26E-07	4.20E-07	4.53E-07	4.11E-07	1.88E-07	2.97E-07	8.03E-09	1.94E-07	4.28E-08	6.16E-08	9.77E-08	1.72E-08	1.56E-07	5.77E-07
3791	479363.09	3852377.25	8.24E-04	8.89E-04	1.41E-03	2.85E-07	8.62E-07	4.99E-07	5.38E-07	4.88E-07	2.23E-07	3.52E-07	9.53E-09	2.30E-07	5.08E-08	7.31E-08	1.16E-07	2.04E-08	1.85E-07	6.85E-07
3792	479863.09	3852377.25	1.04E-03	1.13E-03	1.78E-03	3.61E-07	1.09E-06	6.32E-07	6.82E-07	6.18E-07	2.82E-07	4.46E-07	1.21E-08	2.92E-07	6.43E-08	9.25E-08	1.47E-07	2.59E-08	2.34E-07	8.67E-07
3793	480363.09	3852377.25	1.18E-03	1.28E-03	2.00E-03	4.10E-07	1.24E-06	7.16E-07	7.72E-07	7.00E-07	3.19E-07	5.02E-07	1.37E-08	3.31E-07	7.30E-08	1.05E-07	1.66E-07	2.93E-08	2.63E-07	9.81E-07
3794	480863.09	3852377.25	1.42E-03	1.53E-03	2.40E-03	4.90E-07	1.48E-06	8.57E-07	9.23E-07	8.37E-07	3.82E-07	6.00E-07	1.64E-08	3.95E-07	8.72E-08	1.25E-07	1.99E-07	3.51E-08	3.15E-07	1.17E-06
3795	481363.09	3852377.25	1.71E-03	1.84E-03	2.90E-03	5.92E-07	1.79E-06	1.03E-06	1.12E-06	1.01E-06	4.61E-07	7.27E-07	1.98E-08	4.77E-07	1.05E-07	1.51E-07	2.40E-07	4.23E-08	3.82E-07	1.42E-06
3796	481863.09	3852377.25	1.69E-03	1.82E-03	2.85E-03	5.86E-07	1.77E-06	1.02E-06	1.10E-06	1.00E-06	4.56E-07	7.14E-07	1.96E-08	4.73E-07	1.04E-07	1.50E-07	2.38E-07	4.19E-08	3.75E-07	1.40E-06
3797	482363.09	3852377.25	1.48E-03	1.59E-03	2.48E-03	5.11E-07	1.54E-06	8.93E-07	9.62E-07	8.72E-07	3.98E-07	6.21E-07	1.71E-08	4.12E-07	9.09E-08	1.31E-07	2.07E-07	3.65E-08	3.26E-07	1.22E-06
3798	482863.09	3852377.25	1.22E-03	1.32E-03	2.07E-03	4.23E-07	1.28E-06	7.40E-07	7.97E-07	7.22E-07	3.30E-07	5.17E-07	1.41E-08	3.41E-07	7.53E-08	1.08E-07	1.72E-07	3.03E-08	2.71E-07	1.01E-06
3799	483363.09	3852377.25	8.11E-04	8.73E-04	1.36E-03	2.81E-07	8.48E-07	4.91E-07	5.28E-07	4.79E-07	2.19E-07	3.42E-07	9.37E-09	2.26E-07	5.00E-08	7.17E-08	1.14E-07	2.01E-08	1.79E-07	6.71E-07
3800	483863.09	3852377.25	6.35E-04	6.84E-04	1.07E-03	2.20E-07	6.64E-07	3.84E-07	4.14E-07	3.75E-07	1.71E-07	2.68E-07	7.34E-09	1.77E-07	3.91E-08	5.62E-08	8.92E-08	1.57E-08	1.40E-07	5.25E-07
3801	484363.09	3852377.25	7.05E-04	7.60E-04	1.19E-03	2.44E-07	7.37E-07	4.27E-07	4.60E-07	4.17E-07	1.90E-07	2.97E-07	8.15E-09	1.97E-07	4.34E-08	6.24E-08	9.90E-08	1.74E-08	1.56E-07	5.83E-07
3802	484863.09	3852377.25	7.52E-04	8.10E-04	1.27E-03	2.60E-07	7.86E-07	4.55E-07	4.90E-07	4.44E-07	2.03E-07	3.17E-07	8.69E-09	2.10E-07	4.63E-08	6.65E-08	1.06E-07	1.86E-08	1.66E-07	6.22E-07
3803	485363.09	3852377.25	8.03E-04	8.64E-04	1.35E-03	2.78E-07	8.39E-07	4.86E-07	5.23E-07	4.74E-07	2.16E-07	3.38E-07	9.28E-09	2.24E-07	4.94E-08	7.10E-08	1.13E-07	1.99E-08	1.78E-07	6.64E-07
3804	485863.09	3852377.25	7.51E-04	8.10E-04	1.27E-03	2.60E-07	7.85E-07	4.54E-07	4.90E-07	4.44E-07	2.03E-07	3.19E-07	8.68E-09	2.10E-07	4.63E-08	6.65E-08	1.06E-07	1.86E-08	1.67E-07	6.23E-07
3805	486363.09	3852377.25	6.67E-04	7.19E-04	1.14E-03	2.31E-07	6.97E-07	4.03E-07	4.35E-07	3.95E-07	1.80E-07	2.85E-07	7.71E-09	1.86E-07	4.11E-08	5.91E-08	9.38E-08	1.65E-08	1.50E-07	5.54E-07
3806	486863.09	3852377.25	6.75E-04	7.28E-04	1.16E-03	2.33E-07	7.05E-07	4.08E-07	4.41E-07	3.99E-07	1.82E-07	2.90E-07	7.80E-09	1.88E-07	4.16E-08	5.98E-08	9.49E-08	1.67E-08	1.52E-07	5.61E-07
3807	487363.09	3852377.25	6.66E-04	7.20E-04	1.15E-03	2.31E-07	6.97E-07	4.03E-07	4.36E-07	3.95E-07	1.80E-07	2.87E-07	7.70E-09	1.86E-07	4.11E-08	5.91E-08	9.38E-08	1.65E-08	1.51E-07	5.55E-07
3808	487863.09	3852377.25	6.65E-04	7.18E-04	1.15E-03	2.30E-07	6.95E-07	4.02E-07	4.35E-07	3.94E-07	1.80E-07	2.87E-07	7.69E-09	1.86E-07	4.10E-08	5.90E-08	9.36E-08	1.65E-08	1.51E-07	5.54E-07
3809	488363.09	3852377.25	6.62E-04	7.15E-04	1.14E-03	2.29E-07	6.92E-07	4.01E-07	4.33E-07	3.92E-07	1.79E-07	2.86E-07	7.65E-09	1.85E-07	4.08E-08	5.88E-08	9.32E-08	1.64E-08	1.50E-07	5.52E-07
3810	488863.09	3852377.25	6.52E-04	7.04E-04	1.13E-03	2.26E-07	6.81E-07	3.94E-07	4.26E-07	3.86E-07	1.76E-07	2.82E-07	7.53E-09	1.82E-07	4.02E-08	5.79E-08	9.18E-08	1.62E-08	1.48E-07	5.44E-07
3811	489363.09	3852377.25	6.54E-04	7.07E-04	1.13E-03	2.27E-07	6.84E-07	3.96E-07	4.28E-07	3.88E-07	1.77E-07	2.83E-07	7.56E-09	1.83E-07	4.03E-08	5.81E-08	9.22E-08	1.62E-08	1.49E-07	5.46E-07
3812	489863.09	3852377.25	6.30E-04	6.80E-04	1.09E-03	2.18E-07	6.58E-07	3.81E-07	4.12E-07	3.73E-07	1.70E-07	2.73E-07	7.28E-09	1.76E-07	3.88E-08	5.59E-08	8.87E-08	1.56E-08	1.43E-07	5.25E-07
3813	490363.09	3852377.25	7.04E-04	7.61E-04	1.22E-03	2.44E-07	7.36E-07	4.26E-07	4.61E-07	4.17E-07	1.90E-07	3.05E-07	8.14E-09	1.97E-07	4.34E-08	6.25E-08	9.92E-08	1.75E-08	1.60E-07	5.87E-07
3814	490863.09	3852377.25	7.65E-04	8.26E-04	1.32E-03	2.65E-07	8.00E-07	4.63E-07	5.00E-07	4.53E-07	2.07E-07	3.31E-07	8.84E-09	2.14E-07	4.71E-08	6.79E-08	1.08E-07	1.90E-08	1.73E-07	6.38E-07
3815	491363.09	3852377.25	8.93E-04	9.65E-04	1.54E-03	3.09E-07	9.33E-07	5.40E-07	5.84E-07	5.29E-07	2.41E-07	3.86E-07	1.03E-08	2.49E-07	5.50E-08	7.93E-08	1.26E-07	2.22E-08	2.02E-07	7.44E-07
3816	491863.09	3852377.25	9.23E-04	9.97E-04	1.59E-03	3.20E-07	9.65E-07	5.59E-07	6.03E-07	5.47E-07	2.50E-07	3.98E-07	1.07E-08	2.58E-07	5.69E-08	8.19E-08	1.30E-07	2.29E-08	2.09E-07	7.69E-07
3817	492363.09	3852377.25	9.36E-04	1.01E-03	1.61E-03	3.24E-07	9.78E-07	5.66E-07	6.12E-07	5.55E-07	2.53E-07	4.04E-07	1.08E-08	2.61E-07	5.77E-08	8.31E-08	1.32E-07	2.32E-08	2.12E-07	7.80E-07
3818	492863.09	3852377.25	9.92E-04	1.07E-03	1.71E-03	3.43E-07	1.04E-06	6.00E-07	6.48E-07	5.87E-07	2.68E-07	4.28E-07	1.15E-08	2.77E-07	6.11E-08	8.80E-08	1.40E-07	2.46E-08	2.24E-07	8.26E-07
3819	493363.09	3852377.25	1.09E-03	1.17E-03	1.87E-03	3.76E-07	1.14E-06	6.58E-07	7.11E-07	6.44E-07	2.94E-07	4.69E-07	1.26E-08	3.04E-07	6.70E-08	9.65E-08	1.53E-07	2.70E-08	2.46E-07	9.06E-07
3820	493863.09	3852377.25	1.08E-03	1.16E-03	1.86E-03	3.73E-07	1.13E-06	6.52E-07	7.04E-07	6.38E-07	2.91E-07	4.65E-07	1.25E-08	3.01E-07	6.64E-08	9.56E-08	1.52E-07	2.67E-08	2.44E-07	8.98E-07
3821	494363.09	3852377.25	1.07E-03	1.16E-03	1.85E-03	3.71E-07	1.12E-06	6.48E-07	7.00E-07	6.35E-07	2.90E-07	4.62E-07	1.24E-08	2.99E-07	6.60E-08	9.51E-08	1.51E-07	2.66E-08	2.42E-07	8.93E-07
3822	494863.09	3852377.25	1.12E-03	1.21E-03	1.93E-03	3.88E-07	1.17E-06	6.79E-07	7.33E-07	6.64E-07	3.03E-07	4.84E-07	1.30E-08	3.13E-07	6.91E-08	9.95E-08	1.58E-07	2.78E-08	2.54E-07	9.34E-07
3823	495363.09	3852377.25	1.17E-03	1.27E-03	2.02E-03	4.06E-07	1.22E-06	7.09E-07	7.66E-07	6.94E-07	3.17E-07	5.05E-07	1.35E-08	3.27E-07	7.22E-08	1.04E-07	1.65E-07	2.91E-08	2.65E-07	9.76E-07
3824	495863.09	3852377.25	1.13E-03	1.22E-03	1.95E-03	3.91E-07	1.18E-06	6.84E-07	7.38E-07	6.69E-07	3.05E-07	4.87E-07	1.31E-08	3.16E-07	6.96E-08	1.00E-07	1.59E-07	2.80E-08	2.56E-07	9.41E-07
3825	496363.09	3852377.25	1.08E-03	1.17E-03	1.87E-03	3.75E-07	1.13E-06	6.56E-07	7.09E-07	6.43E-07	2.93E-07	4.68E-07	1.25E-08	3.03E-07	6.68E-08	9.62E-08	1.53E-07	2.69E-08	2.46E-07	9.04E-07
3826	496863.09	3852377.25	1.05E-03	1.14E-03	1.82E-03	3.65E-07	1.10E-06	6.37E-07	6.88E-07	6.24E-07	2.85E-07	4.54E-07	1.22E-08	2.94E-07	6.49E-08	9.35E-08	1.48E-07	2.61E-08	2.39E-07	8.78E-07
3827	497363.09	3852377.25	9.63E-04	1.04E-03	1.66E-03	3.34E-07	1.01E-06	5.83E-07	6.30E-07	5.71E-07	2.60E-07	4.16E-07	1.11E-08	2.69E-07	5.94E-08	8.55E-08	1.36E-07	2.39E-08	2.18E-07	8.03E-07
3828	497863.09	3852377.25	8.78E-04	9.48E-04	1.51E-03	3.04E-07	9.17E-07	5.31E-07	5.74E-07	5.20E-07	2.37E-07	3.79E-07	1.01E-08	2.45E-07	5.41E-08	7.79E-08	1.24E-07	2.18E-08	1.99E-07	7.31E-07
3829	498363.09	3852377.25	8.00E-04	8.65E-04	1.38E-03	2.77E-07	8.37E-07	4.84E-07	5.23E-07	4.74E-07	2.16E-07	3.45E-07	9.25E-09	2.23E-07	4.93E-08	7.10E-08	1.13E-07	1.99E-08	1.81E-07	6.67E-07
3830	471363.09	3852877.25	2.79E-04	3.02E-04	4.80E-04	9.67E-08	2.92E-07	1.69E-07	1.82E-07	1.65E-07	7.55E-08	1.20E-07	3.23E-09	7.80E-08	1.72E-08	2.48E-08	3.93E-08	6.93E-09	6.30E-08	2.32E-07
3831	471863.09	3852877.25	3.10E-04	3.35E-04	5.33E-04	1.07E-07	3.24E-07	1.88E-07	2.03E-07	1.84E-07	8.39E-08	1.33E-07	3.59E-09	8.67E-08	1.91E-08	2.75E-08	4.37E-08	7.70E-09	7.00E-08	2.58E-07
3832	472363.09	3852877.25	3.45E-04	3.73E-04	5.93E-04	1.19E-07	3.61E-07	2.09E-07	2.25E-07	2.04E-07	9.32E-08	1.48E-07	3.99E-09	9.63E-08	2.13E-08	3.06E-08	4.85E-08	8.56E-09	7.78E-08	2.87E-07
3833	472863.09	3852877.25	3.74E-04	4.04E-04	6.42E-04	1.29E-07	3.91E-07	2.26E-07	2.44E-07	2.21E-07	1.01E-07	1.61E-07	4.32E-09	1.04E-07	2.30E-08	3.32E-08	5.26E-08	9.27E-09	8.43E-08	3.11E-07
3834	473363.09	3852877.25	4.05E-04	4.37E-04	6.95E-04	1.40E-07	4.23E-07	2.45E-07	2.65E-07	2.40E-07	1.09E-07	1.74E-07	4.68E-09	1.13E-07	2.50E-08	3.59E-08	5.70E-08	1.00E-08	9.12E-08	3.37E-07
3835	473863.09	3852877.25	4.45E-04	4.80E-04	7.63E-04	1.54E-07	4.65E-07	2.69E-07	2.90E-07	2.63E-07	1.20E-07	1.91E-07	5.14E-09	1.24E-07	2.74E-08	3.94E-08	6.26E-08	1.10E-08	1.00E-07	3.70E-07
3836	474363.09	3852877.25	4.84E-04	5.23E-04	8.30E-04	1.68E-07	5.06E-07	2.93E-07	3.16E-07	2.87E-07	1.31E-07	2.08E-07	5.60E-09	1.35E-07	2.98E-08	4.29E-08	6.81E-08	1.20E-08	1.09E-07	4.03E-07
3837	474863.09	3852877.25	4.55E-04	4.91E-04	7.80E-04	1.57E-07	4.75E-07	2.75E-07	2.97E-07	2.69E-07	1.23E-07	1.95E-07	5.25E-09	1.27E-07	2.80E-08	4.03E-08	6.39E-08	1.13E-08	1.02E-07	3.78E-07
3838	475363.09	3852877.25	5.03E-04	5.42E-04	8.62E-04	1.74E-07	5.25E-07	3.04E-07	3.28E-07	2.98E-07	1.36E-07	2.16E-07	5.81E-09	1.40E-07	3.10E-08	4.46E-08	7.07E-08	1.25E-08	1.13E-07	4.18E-07
3839	475863.09	3852877.25	5.23E-04	5.64E-04	8.96E-04	1.81E-07	5.46E-07	3.16E-07	3.41E-07	3.10E-07	1.41E-07	2.24E-07	6.04E-09	1.46E-07	3.22E-08	4.64E-08	7.35E-08	1.30E-08	1.18E-07	4.35E-07
3840	476363.09	3852877.25	4.99E-04	5.39E-04	8.56E-04	1.73E-07	5.22E-07	3.02E-07	3.26E-07	2.96E-07	1.35E-07	2.14E-07	5.77E-09	1.39E-07	3.08E-08	4.43E-08	7.03E-08	1.24E-08	1.12E-07	4.15E-07
3841	476863.09	3852877.25	4.47E-04	4.82E-04	7.65E-04	1.55E-07	4.67E-07	2.70E-07	2.92E-07	2.64E-07	1.21E-07	1.92E-07	5.16E-09	1.25E-07	2.75E-08	3.96E-08	6.28E-08	1.11E-08	1.01E-07	3.71E-07
3842	477363.09	3852877.25	4.15E-04	4.48E-04	7.12E-04	1.44E-07	4.34E-07	2.51E-07	2.71E-07	2.46E-07	1.12E-07	1.78E-07	4.80E-09	1.16E-07	2.56E-08	3.68E-08	5.84E-08	1.03E-08	9.35E-08	3.45E-07
3843	477863.09	3852877.25	3.84E-04	4.14E-04	6.59E-04	1.33E-07	4.01E-07	2.32E-07	2.51E-07	2.27E-07	1.04E-07	1.65E-07	4.44E-09	1.07E-07	2.36E-08	3.40E-08	5.40E-08	9.52E-09	8.66E-08	3.19E-07
3844	478363.09	3852877.25	3.21E-04	3.47E-04	5.53E-04	1.11E-07	3.35E-07	1.94E-07	2.10E-07	1.90E-07	8.67E-08	1.38E-07	3.71E-09	8.96E-08	1.98E-08	2.85E-08	4.52E-08	7.96E-09	7.26E-08	2.67E-07
3845	478863.09	3852877.25	3.80E-04	4.10E-04	6.54E-04	1.31E-07	3.97E-07	2.30E-07	2.48E-07	2.25E-07	1.03E-07	1.64E-07	4.39E-09	1.06E-07	2.34E-08	3.37E-08	5.35E-08	9.42E-09	8.59E-08	3.16E-07
3846	479363.09	3852877.25	5.29E-04	5.71E-04	9.07E-04	1.83E-07	5.53E-07	3.20E-07	3.45E-07	3.13E-07	1.43E-07	2.27E-07	6.11E-09	1.48E-07	3.26E-08	4.69E-08	7.44E-08	1.31E-08	1.19E-07	4.40E-07
3847	479863.09	3852877.25	9.99E-04	1.08E-03	1.71E-03	3.46E-07	1.04E-06	6.04E-07	6.52E-07	5.91E-07	2.70E-07	4.27E-07	1.15E-08	2.79E-07	6.15E-08	8.85E-08	1.40E-07	2.48E-08	2.24E-07	8.30E-07
3848	480363.09	3852877.25	1.44E-03	1.56E-03	2.46E-03	4.99E-07	1.51E-06	8.72E-07	9.41E-07	8.53E-07	3.89E-07	6.16E-07	1.67E-08	4.03E-07	8.88E-08	1.28E-07	2.03E-07	3.57E-08	3.23E-07	1.20E-06
3849	480863.09	3852877.25	1.53E-03	1.65E-03	2.60E-03	5.29E-07	1.60E-06	9.24E-07	9.96E-07	9.03E-07	4.12E-07	6.50E-07	1.77E-08	4.26E-07	9.41E-08	1.35E-07	2.15E-07	3.78E-08	3.41E-07	1.27E-06
3850	481363.09	3852877.25	1.90E-03	2.05E-03	3.23E-03	6.59E-07	1.99E-06	1.15E-06	1.24E-06	1.13E-06	5.14E-07	8.08E-07	2.20E-08	5.32E-07	1.17E-07	1.69E-07	2.68E-07	4.72E-08	4.24E-07	1.58E-06
3851	481863.09	3852877.25	2.32E-03	2.50E-03	3.94E-03	8.03E-07	2.42E-06	1.40E-06	1.51E-06	1.37E-06	6.26E-07	9.85E-07	2.68E-08	6.47E-07	1.43E-07	2.05E-07	3.26E-07	5.74E-08	5.17E-07	1.92E-06
3852	482363.09	3852877.25	2.25E-03	2.42E-03	3.77E-03	7.78E-07	2.35E-06	1.36E-06	1.46E-06	1.33E-06	6.06E-07	9.43E-07	2.60E-08	6.28E-07	1.38E-07	1.99E-07	3.15E-07	5.56E-08	4.95E-07	1.86E-06
3853	482863.09	3852877.25	2.04E-03	2.20E-03	3.43E-03	7.08E-07	2.14E-06	1.24E-06	1.33E-06	1.21E-06	5.51E-07	8.59E-07	2.36E-08	5.71E-07	1.26E-07	1.81E-07	2.87E-07	5.06E-08	4.51E-07	1.69E-06
3854	483363.09	3852877.25	1.57E-03	1.69E-03	2.63E-03	5.43E-07	1.64E-06	9.49E-07	1.02E-06	9.26E-07	4.22E-07	6.59E-07	1.81E-08	4.38E-07	9.66E-08	1.39E-07	2.20E-07	3.88E-08	3.46E-07	1.30E-06
3855	483863.09	3852877.25	1.01E-03	1.08E-03	1.68E-03	3.48E-07	1.05E-06	6.08E-07	6.54E-07	5.93E-07	2.71E-07	4.20E-07	1.16E-08	2.81E-07	6.19E-08	8.89E-08	1.41E-07	2.48E-08	2.21E-07	8.29E-07
3856	484363.09	3852877.25	1.20E-03	1.29E-03	2.00E-03	4.14E-07	1.25E-06	7.23E-07	7.78E-07	7.06E-07	3.22E-07	5.00E-07	1.38E-08	3.34E-07	7.37E-08	1.06E-07	1.68E-07	2.95E-08	2.62E-07	9.87E-07
3857	484863.09	3852877.25	1.30E-03	1.40E-03	2.19E-03	4.50E-07	1.36E-06	7.87E-07	8.47E-07	7.68E-07	3.50E-07	5.47E-07	1.50E-08	3.63E-07	8.01E-08	1.15E-07	1.83E-07	3.22E-08	2.87E-07	1.08E-06
3858	485363.09	3852877.25	9.84E-04	1.06E-03	1.67E-03	3.41E-07	1.03E-06	5.95E-07	6.42E-07	5.82E-07	2.66E-07	4.18E-07	1.14E-08	2.75E-07	6.06E-08	8.72E-08	1.38E-07	2.44E-08	2.19E-07	8.16E-07
3859	485863.09	3852877.25	9.48E-04	1.02E-03	1.62E-03	3.28E-07	9.90E-07	5.73E-07	6.19E-07	5.61E-07	2.56E-07	4.06E-07	1.10E-08	2.65E-07	5.84E-08	8.40E-08	1.33E-07	2.35E-08	2.13E-07	7.88E-07
3860	486363.09	3852877.25	9.09E-04	9.82E-04	1.57E-03	3.15E-07	9.50E-07	5.50E-07	5.94E-07	5.38E-07	2.46E-07	3.92E-07	1.05E-08	2.54E-07	5.60E-08	8.06E-08	1.28E-07	2.25E-08	2.06E-07	7.57E-07
3861	486863.09	3852877.25	9.42E-04	1.02E-03	1.63E-03	3.26E-07	9.84E-07	5.70E-07	6.16E-07	5.58E-07	2.55E-07	4.07E-07	1.09E-08	2.63E-07	5.80E-08	8.36E-08	1.33E-07	2.34E-08	2.14E-07	7.85E-07
3862	487363.09	3852877.25	9.27E-04	1.00E-03	1.61E-03	3.21E-07	9.69E-07	5.61E-07	6.06E-07	5.50E-07	2.51E-07	4.02E-07	1.07E-08	2.59E-07	5.71E-08	8.23E-08	1.31E-07	2.30E-08	2.11E-07	7.74E-07
3863	487863.09	3852877.25	9.24E-04	9.99E-04	1.60E-03	3.20E-07	9.66E-07	5.59E-07	6.04E-07	5.48E-07	2.50E-07	4.00E-07	1.07E-08	2.58E-07	5.69E-08	8.20E-08	1.30E-07	2.29E-08	2.10E-07	7.71E-07
3864	488363.09	3852877.25	7.61E-04	8.23E-04	1.32E-03	2.63E-07	7.96E-07	4.61E-07	4.98E-07	4.51E-07	2.06E-07	3.30E-07	8.80E-09	2.13E-07	4.69E-08	6.76E-08	1.07E-07	1.89E-08	1.73E-07	6.35E-07
3865	488863.09	3852877.25	8.39E-04	9.07E-04	1.45E-03	2.91E-07	8.77E-07	5.08E-07	5.49E-07	4.97E-07	2.27E-07	3.64E-07	9.70E-09	2.34E-07	5.17E-08	7.45E-08	1.18E-07	2.08E-08	1.91E-07	7.00E-07
3866	489363.09	3852877.25	8.78E-04	9.49E-04	1.52E-03	3.04E-07	9.18E-07	5.32E-07	5.74E-07	5.21E-07	2.38E-07	3.80E-07	1.02E-08	2.45E-07	5.41E-08	7.80E-08	1.24E-07	2.18E-08	2.00E-07	7.33E-07
3867	489863.09	3852877.25	9.10E-04	9.83E-04	1.57E-03	3.15E-07	9.51E-07	5.50E-07	5.95E-07	5.39E-07	2.46E-07	3.93E-07	1.05E-08	2.54E-07	5.60E-08	8.07E-08	1.28E-07	2.26E-08	2.06E-07	7.58E-07
3868	490363.09	3852877.25	1.12E-03	1.21E-03	1.93E-03	3.88E-07	1.17E-06	6.78E-07	7.33E-07	6.64E-07	3.03E-07	4.84E-07	1.30E-08	3.13E-07	6.91E-08	9.95E-08	1.58E-07	2.78E-08	2.54E-07	9.34E-07
3869	490863.09	3852877.25	1.22E-03	1.32E-03	2.11E-03	4.23E-07	1.28E-06	7.39E-07	7.99E-07	7.24E-07	3.30E-07	5.27E-07	1.41E-08	3.41E-07	7.53E-08	1.08E-07	1.72E-07	3.03E-08	2.77E-07	1.02E-06
3870	491363.09	3852877.25	1.30E-03	1.41E-03	2.24E-03	4.51E-07	1.36E-06	7.88E-07	8.51E-07	7.71E-07	3.52E-07	5.61E-07	1.50E-08	3.63E-07	8.02E-08	1.16E-07	1.83E-07	3.23E-08	2.95E-07	1.08E-06
3871	491863.09	3852877.25	1.33E-03	1.43E-03	2.29E-03	4.59E-07	1.39E-06	8.03E-07	8.67E-07	7.86E-07	3.59E-07	5.72E-07	1.53E-08	3.71E-07	8.18E-08	1.18E-07	1.87E-07	3.29E-08	3.00E-07	1.11E-06
3872	492363.09	3852877.25	1.36E-03	1.47E-03	2.35E-03	4.72E-07	1.42E-06	8.24E-07	8.90E-07	8.07E-07	3.68E-07	5.87E-07	1.57E-08	3.80E-07	8.39E-08	1.21E-07	1.92E-07	3.38E-08	3.08E-07	1.13E-06
3873	492863.09	3852877.25	1.45E-03	1.56E-03	2.49E-03	5.02E-07	1.51E-06	8.77E-07	9.47E-07	8.58E-07	3.92E-07	6.24E-07	1.67E-08	4.05E-07	8.93E-08	1.29E-07	2.04E-07	3.59E-08	3.28E-07	1.21E-06
3874	493363.09	3852877.25	1.50E-03	1.62E-03	2.59E-03	5.21E-07	1.57E-06	9.10E-07	9.83E-07	8.91E-07	4.07E-07	6.48E-07	1.74E-08	4.20E-07	9.27E-08	1.33E-07	2.12E-07	3.73E-08	3.40E-07	1.25E-06
3875	493863.09	3852877.25	1.49E-03	1.60E-03	2.56E-03	5.14E-07	1.55E-06	8.99E-07	9.71E-07	8.80E-07	4.02E-07	6.40E-07	1.72E-08	4.15E-07	9.16E-08	1.32E-07	2.09E-07	3.69E-08	3.36E-07	1.24E-06
3876	494363.09	3852877.25	1.47E-03	1.59E-03	2.54E-03	5.10E-07	1.54E-06	8.91E-07	9.62E-07	8.72E-07	3.98E-07	6.35E-07	1.70E-08	4.11E-07	9.07E-08	1.31E-07	2.07E-07	3.65E-08	3.33E-07	1.23E-06
3877	494863.09	3852877.25	1.48E-03	1.60E-03	2.55E-03	5.13E-07	1.55E-06	8.97E-07	9.69E-07	8.78E-07	4.01E-07	6.39E-07	1.71E-08	4.14E-07	9.13E-08	1.32E-07	2.09E-07	3.68E-08	3.35E-07	1.23E-06
3878	495363.09	3852877.25	1.41E-03	1.52E-03	2.42E-03	4.87E-07	1.47E-06	8.51E-07	9.19E-07	8.33E-07	3.80E-07	6.06E-07	1.63E-08	3.93E-07	8.66E-08	1.25E-07	1.98E-07	3.49E-08	3.18E-07	1.17E-06

3879	495863.09	3852877.25	1.33E-03	1.44E-03	2.29E-03	4.61E-07	1.39E-06	8.06E-07	8.70E-07	7.89E-07	3.60E-07	5.74E-07	1.54E-08	3.72E-07	8.20E-08	1.18E-07	1.87E-07	3.30E-08	3.01E-07	1.11E-06
3880	496363.09	3852877.25	1.31E-03	1.41E-03	2.25E-03	4.52E-07	1.36E-06	7.90E-07	8.53E-07	7.73E-07	3.53E-07	5.63E-07	1.51E-08	3.65E-07	8.04E-08	1.16E-07	1.84E-07	3.24E-08	2.95E-07	1.09E-06
3881	496863.09	3852877.25	1.25E-03	1.35E-03	2.15E-03	4.32E-07	1.30E-06	7.55E-07	8.15E-07	7.39E-07	3.37E-07	5.38E-07	1.44E-08	3.48E-07	7.69E-08	1.11E-07	1.76E-07	3.09E-08	2.82E-07	1.04E-06
3882	497363.09	3852877.25	1.08E-03	1.17E-03	1.87E-03	3.75E-07	1.13E-06	6.55E-07	7.08E-07	6.41E-07	2.93E-07	4.67E-07	1.25E-08	3.02E-07	6.67E-08	9.61E-08	1.52E-07	2.69E-08	2.45E-07	9.02E-07
3883	497863.09	3852877.25	8.50E-04	9.18E-04	1.47E-03	2.94E-07	8.88E-07	5.14E-07	5.56E-07	5.04E-07	2.30E-07	3.67E-07	9.83E-09	2.37E-07	5.24E-08	7.54E-08	1.20E-07	2.11E-08	1.92E-07	7.08E-07
3884	498363.09	3852877.25	8.03E-04	8.67E-04	1.38E-03	2.78E-07	8.39E-07	4.86E-07	5.25E-07	4.76E-07	2.17E-07	3.46E-07	9.28E-09	2.24E-07	4.95E-08	7.12E-08	1.13E-07	1.99E-08	1.82E-07	6.69E-07
3885	471363.09	3853377.25	2.88E-04	3.11E-04	4.95E-04	9.97E-08	3.01E-07	1.74E-07	1.88E-07	1.71E-07	7.78E-08	1.24E-07	3.33E-09	8.04E-08	1.77E-08	2.55E-08	4.05E-08	7.14E-09	6.50E-08	2.40E-07
3886	471863.09	3853377.25	3.15E-04	3.40E-04	5.41E-04	1.09E-07	3.29E-07	1.91E-07	2.06E-07	1.87E-07	8.51E-08	1.35E-07	3.64E-09	8.80E-08	1.94E-08	2.79E-08	4.43E-08	7.81E-09	7.11E-08	2.62E-07
3887	472363.09	3853377.25	3.45E-04	3.72E-04	5.92E-04	1.19E-07	3.60E-07	2.09E-07	2.25E-07	2.04E-07	9.32E-08	1.48E-07	3.99E-09	9.63E-08	2.12E-08	3.06E-08	4.85E-08	8.55E-09	7.78E-08	2.87E-07
3888	472863.09	3853377.25	3.76E-04	4.06E-04	6.45E-04	1.30E-07	3.93E-07	2.27E-07	2.46E-07	2.23E-07	1.02E-07	1.62E-07	4.35E-09	1.05E-07	2.32E-08	3.33E-08	5.29E-08	9.32E-09	8.48E-08	3.13E-07
3889	473363.09	3853377.25	4.02E-04	4.34E-04	6.90E-04	1.39E-07	4.20E-07	2.43E-07	2.63E-07	2.38E-07	1.09E-07	1.73E-07	4.65E-09	1.12E-07	2.48E-08	3.56E-08	5.65E-08	9.97E-09	9.06E-08	3.34E-07
3890	473863.09	3853377.25	4.32E-04	4.66E-04	7.41E-04	1.50E-07	4.51E-07	2.61E-07	2.82E-07	2.56E-07	1.17E-07	1.85E-07	4.99E-09	1.21E-07	2.66E-08	3.83E-08	6.08E-08	1.07E-08	9.73E-08	3.59E-07
3891	474363.09	3853377.25	4.62E-04	4.99E-04	7.93E-04	1.60E-07	4.83E-07	2.80E-07	3.02E-07	2.74E-07	1.25E-07	1.98E-07	5.34E-09	1.29E-07	2.85E-08	4.10E-08	6.50E-08	1.15E-08	1.04E-07	3.84E-07
3892	474863.09	3853377.25	4.59E-04	4.95E-04	7.86E-04	1.59E-07	4.80E-07	2.78E-07	3.00E-07	2.72E-07	1.24E-07	1.97E-07	5.30E-09	1.28E-07	2.83E-08	4.07E-08	6.45E-08	1.14E-08	1.03E-07	3.82E-07
3893	475363.09	3853377.25	4.66E-04	5.03E-04	7.98E-04	1.61E-07	4.87E-07	2.82E-07	3.04E-07	2.76E-07	1.26E-07	2.00E-07	5.38E-09	1.30E-07	2.87E-08	4.13E-08	6.55E-08	1.15E-08	1.05E-07	3.87E-07
3894	475863.09	3853377.25	4.68E-04	5.05E-04	8.01E-04	1.62E-07	4.89E-07	2.83E-07	3.05E-07	2.77E-07	1.26E-07	2.00E-07	5.40E-09	1.31E-07	2.88E-08	4.15E-08	6.58E-08	1.16E-08	1.05E-07	3.89E-07
3895	476363.09	3853377.25	4.34E-04	4.68E-04	7.43E-04	1.50E-07	4.53E-07	2.62E-07	2.83E-07	2.57E-07	1.17E-07	1.86E-07	5.01E-09	1.21E-07	2.67E-08	3.85E-08	6.10E-08	1.08E-08	9.76E-08	3.61E-07
3896	476863.09	3853377.25	3.73E-04	4.03E-04	6.41E-04	1.29E-07	3.90E-07	2.26E-07	2.44E-07	2.21E-07	1.01E-07	1.60E-07	4.31E-09	1.04E-07	2.30E-08	3.31E-08	5.25E-08	9.25E-09	8.41E-08	3.11E-07
3897	477363.09	3853377.25	3.71E-04	4.00E-04	6.37E-04	1.28E-07	3.88E-07	2.24E-07	2.42E-07	2.20E-07	1.00E-07	1.59E-07	4.29E-09	1.04E-07	2.29E-08	3.29E-08	5.22E-08	9.20E-09	8.37E-08	3.09E-07
3898	477863.09	3853377.25	3.88E-04	4.19E-04	6.67E-04	1.34E-07	4.06E-07	2.35E-07	2.54E-07	2.30E-07	1.05E-07	1.67E-07	4.49E-09	1.08E-07	2.39E-08	3.44E-08	5.46E-08	9.63E-09	8.76E-08	3.23E-07
3899	478363.09	3853377.25	3.52E-04	3.80E-04	6.06E-04	1.22E-07	3.68E-07	2.13E-07	2.30E-07	2.09E-07	9.52E-08	1.52E-07	4.07E-09	9.83E-08	2.17E-08	3.12E-08	4.96E-08	8.73E-09	7.96E-08	2.93E-07
3900	478863.09	3853377.25	2.95E-04	3.19E-04	5.11E-04	1.02E-07	3.09E-07	1.79E-07	1.93E-07	1.75E-07	7.99E-08	1.28E-07	3.42E-09	8.25E-08	1.82E-08	2.62E-08	4.16E-08	7.33E-09	6.71E-08	2.46E-07
3901	479363.09	3853377.25	4.65E-04	5.03E-04	8.01E-04	1.61E-07	4.86E-07	2.82E-07	3.04E-07	2.76E-07	1.26E-07	2.00E-07	5.38E-09	1.30E-07	2.87E-08	4.13E-08	6.55E-08	1.15E-08	1.05E-07	3.88E-07
3902	479863.09	3853377.25	7.10E-04	7.66E-04	1.22E-03	2.46E-07	7.42E-07	4.29E-07	4.64E-07	4.20E-07	1.92E-07	3.05E-07	8.20E-09	1.98E-07	4.37E-08	6.29E-08	9.98E-08	1.76E-08	1.60E-07	5.90E-07
3903	480363.09	3853377.25	1.36E-03	1.46E-03	2.32E-03	4.70E-07	1.42E-06	8.21E-07	8.86E-07	8.03E-07	3.66E-07	5.82E-07	1.57E-08	3.79E-07	8.36E-08	1.20E-07	1.91E-07	3.36E-08	3.05E-07	1.13E-06
3904	480863.09	3853377.25	1.39E-03	1.50E-03	2.38E-03	4.83E-07	1.46E-06	8.43E-07	9.10E-07	8.25E-07	3.76E-07	5.95E-07	1.61E-08	3.89E-07	8.59E-08	1.24E-07	1.96E-07	3.45E-08	3.12E-07	1.16E-06
3905	481363.09	3853377.25	2.08E-03	2.24E-03	3.55E-03	7.19E-07	2.17E-06	1.26E-06	1.36E-06	1.23E-06	5.61E-07	8.88E-07	2.40E-08	5.80E-07	1.28E-07	1.84E-07	2.92E-07	5.14E-08	4.66E-07	1.72E-06
3906	481863.09	3853377.25	2.91E-03	3.14E-03	4.94E-03	1.01E-06	3.04E-06	1.76E-06	1.90E-06	1.72E-06	7.86E-07	1.24E-06	3.37E-08	8.13E-07	1.79E-07	2.58E-07	4.09E-07	7.21E-08	6.48E-07	2.41E-06
3907	482363.09	3853377.25	3.72E-03	4.01E-03	6.24E-03	1.29E-06	3.89E-06	2.25E-06	2.43E-06	2.20E-06	1.00E-06	1.56E-06	4.30E-08	1.04E-06	2.29E-07	3.29E-07	5.22E-07	9.21E-08	8.20E-07	3.08E-06
3908	482863.09	3853377.25	3.88E-03	4.16E-03	6.22E-03	1.34E-06	4.06E-06	2.35E-06	2.52E-06	2.28E-06	1.04E-06	1.56E-06	4.49E-08	1.08E-06	2.39E-07	3.42E-07	5.42E-07	9.55E-08	8.17E-07	3.16E-06
3909	483363.09	3853377.25	3.25E-03	3.48E-03	5.15E-03	1.13E-06	3.40E-06	1.97E-06	2.10E-06	1.91E-06	8.70E-07	1.29E-06	3.76E-08	9.08E-07	2.00E-07	2.86E-07	4.53E-07	7.98E-08	6.76E-07	2.64E-06
3910	483863.09	3853377.25	2.69E-03	2.89E-03	4.39E-03	9.32E-07	2.81E-06	1.63E-06	1.75E-06	1.58E-06	7.23E-07	1.10E-06	3.11E-08	7.52E-07	1.66E-07	2.37E-07	3.76E-07	6.63E-08	5.76E-07	2.21E-06
3911	484363.09	3853377.25	2.65E-03	2.85E-03	4.44E-03	9.18E-07	2.77E-06	1.60E-06	1.73E-06	1.56E-06	7.14E-07	1.11E-06	3.06E-08	7.40E-07	1.63E-07	2.34E-07	3.72E-07	6.55E-08	5.83E-07	2.19E-06
3912	484863.09	3853377.25	2.07E-03	2.23E-03	3.52E-03	7.16E-07	2.16E-06	1.25E-06	1.35E-06	1.22E-06	5.58E-07	8.82E-07	2.39E-08	5.77E-07	1.27E-07	1.83E-07	2.91E-07	5.12E-08	4.63E-07	1.72E-06
3913	485363.09	3853377.25	1.49E-03	1.61E-03	2.58E-03	5.17E-07	1.56E-06	9.03E-07	9.76E-07	8.85E-07	4.04E-07	6.46E-07	1.73E-08	4.17E-07	9.20E-08	1.33E-07	2.10E-07	3.71E-08	3.39E-07	1.25E-06
3914	485863.09	3853377.25	1.26E-03	1.37E-03	2.20E-03	4.37E-07	1.32E-06	7.64E-07	8.26E-07	7.49E-07	3.42E-07	5.50E-07	1.46E-08	3.52E-07	7.78E-08	1.12E-07	1.78E-07	3.14E-08	2.89E-07	1.05E-06
3915	486363.09	3853377.25	1.37E-03	1.48E-03	2.38E-03	4.73E-07	1.43E-06	8.26E-07	8.94E-07	8.10E-07	3.70E-07	5.95E-07	1.58E-08	3.81E-07	8.41E-08	1.21E-07	1.92E-07	3.39E-08	3.12E-07	1.14E-06
3916	486863.09	3853377.25	1.43E-03	1.54E-03	2.48E-03	4.95E-07	1.49E-06	8.65E-07	9.35E-07	8.47E-07	3.87E-07	6.21E-07	1.65E-08	3.99E-07	8.80E-08	1.27E-07	2.01E-07	3.55E-08	3.26E-07	1.19E-06
3917	487363.09	3853377.25	1.54E-03	1.67E-03	2.67E-03	5.34E-07	1.61E-06	9.34E-07	1.01E-06	9.15E-07	4.17E-07	6.69E-07	1.78E-08	4.31E-07	9.51E-08	1.37E-07	2.17E-07	3.83E-08	3.51E-07	1.29E-06
3918	487863.09	3853377.25	1.62E-03	1.75E-03	2.79E-03	5.59E-07	1.69E-06	9.78E-07	1.06E-06	9.58E-07	4.37E-07	6.99E-07	1.87E-08	4.51E-07	9.96E-08	1.43E-07	2.28E-07	4.01E-08	3.67E-07	1.35E-06
3919	488363.09	3853377.25	1.71E-03	1.85E-03	2.96E-03	5.93E-07	1.79E-06	1.04E-06	1.12E-06	1.01E-06	4.63E-07	7.40E-07	1.98E-08	4.78E-07	1.06E-07	1.52E-07	2.41E-07	4.25E-08	3.88E-07	1.43E-06
3920	488863.09	3853377.25	1.72E-03	1.86E-03	2.97E-03	5.97E-07	1.80E-06	1.04E-06	1.13E-06	1.02E-06	4.66E-07	7.44E-07	1.99E-08	4.81E-07	1.06E-07	1.53E-07	2.43E-07	4.28E-08	3.90E-07	1.44E-06
3921	489363.09	3853377.25	1.73E-03	1.87E-03	2.98E-03	5.98E-07	1.81E-06	1.05E-06	1.13E-06	1.02E-06	4.67E-07	7.46E-07	2.00E-08	4.83E-07	1.07E-07	1.53E-07	2.43E-07	4.29E-08	3.91E-07	1.44E-06
3922	489863.09	3853377.25	1.68E-03	1.82E-03	2.90E-03	5.83E-07	1.76E-06	1.02E-06	1.10E-06	9.98E-07	4.55E-07	7.26E-07	1.95E-08	4.70E-07	1.04E-07	1.49E-07	2.37E-07	4.18E-08	3.81E-07	1.40E-06
3923	490363.09	3853377.25	1.78E-03	1.92E-03	3.07E-03	6.16E-07	1.86E-06	1.08E-06	1.16E-06	1.05E-06	4.81E-07	7.67E-07	2.06E-08	4.97E-07	1.10E-07	1.58E-07	2.51E-07	4.42E-08	4.03E-07	1.48E-06
3924	490863.09	3853377.25	1.83E-03	1.97E-03	3.14E-03	6.32E-07	1.91E-06	1.10E-06	1.19E-06	1.08E-06	4.94E-07	7.87E-07	2.11E-08	5.10E-07	1.13E-07	1.62E-07	2.57E-07	4.53E-08	4.13E-07	1.52E-06
3925	491363.09	3853377.25	1.87E-03	2.02E-03	3.22E-03	6.47E-07	1.95E-06	1.13E-06	1.22E-06	1.11E-06	5.06E-07	8.06E-07	2.16E-08	5.22E-07	1.15E-07	1.66E-07	2.63E-07	4.64E-08	4.23E-07	1.56E-06
3926	491863.09	3853377.25	1.90E-03	2.05E-03	3.27E-03	6.59E-07	1.99E-06	1.15E-06	1.24E-06	1.13E-06	5.14E-07	8.19E-07	2.20E-08	5.31E-07	1.17E-07	1.69E-07	2.68E-07	4.72E-08	4.30E-07	1.58E-06
3927	492363.09	3853377.25	1.98E-03	2.13E-03	3.40E-03	6.84E-07	2.07E-06	1.20E-06	1.29E-06	1.17E-06	5.34E-07	8.51E-07	2.28E-08	5.52E-07	1.22E-07	1.75E-07	2.78E-07	4.90E-08	4.47E-07	1.65E-06
3928	492863.09	3853377.25	2.04E-03	2.20E-03	3.51E-03	7.06E-07	2.13E-06	1.23E-06	1.33E-06	1.21E-06	5.51E-07	8.78E-07	2.36E-08	5.69E-07	1.26E-07	1.81E-07	2.87E-07	5.06E-08	4.61E-07	1.70E-06
3929	493363.09	3853377.25	2.03E-03	2.19E-03	3.49E-03	7.02E-07	2.12E-06	1.23E-06	1.33E-06	1.20E-06	5.48E-07	8.74E-07	2.35E-08	5.67E-07	1.25E-07	1.80E-07	2.86E-07	5.03E-08	4.59E-07	1.69E-06
3930	493863.09	3853377.25	1.99E-03	2.15E-03	3.43E-03	6.90E-07	2.08E-06	1.21E-06	1.30E-06	1.18E-06	5.39E-07	8.59E-07	2.30E-08	5.57E-07	1.23E-07	1.77E-07	2.81E-07	4.94E-08	4.51E-07	1.66E-06
3931	494363.09	3853377.25	1.90E-03	2.05E-03	3.28E-03	6.58E-07	1.99E-06	1.15E-06	1.24E-06	1.13E-06	5.14E-07	8.20E-07	2.20E-08	5.31E-07	1.17E-07	1.69E-07	2.68E-07	4.72E-08	4.30E-07	1.58E-06
3932	494863.09	3853377.25	1.78E-03	1.93E-03	3.07E-03	6.18E-07	1.86E-06	1.08E-06	1.17E-06	1.06E-06	4.82E-07	7.69E-07	2.06E-08	4.98E-07	1.10E-07	1.58E-07	2.51E-07	4.43E-08	4.04E-07	1.49E-06
3933	495363.09	3853377.25	1.72E-03	1.86E-03	2.97E-03	5.96E-07	1.80E-06	1.04E-06	1.13E-06	1.02E-06	4.66E-07	7.43E-07	1.99E-08	4.81E-07	1.06E-07	1.53E-07	2.42E-07	4.27E-08	3.90E-07	1.44E-06
3934	495863.09	3853377.25	1.63E-03	1.76E-03	2.81E-03	5.64E-07	1.70E-06	9.85E-07	1.06E-06	9.65E-07	4.40E-07	7.02E-07	1.88E-08	4.55E-07	1.00E-07	1.45E-07	2.29E-07	4.04E-08	3.69E-07	1.36E-06
3935	496363.09	3853377.25	1.50E-03	1.62E-03	2.59E-03	5.21E-07	1.57E-06	9.10E-07	9.83E-07	8.91E-07	4.07E-07	6.49E-07	1.74E-08	4.20E-07	9.27E-08	1.33E-07	2.12E-07	3.73E-08	3.40E-07	1.25E-06
3936	496863.09	3853377.25	1.33E-03	1.44E-03	2.29E-03	4.60E-07	1.39E-06	8.05E-07	8.69E-07	7.88E-07	3.59E-07	5.73E-07	1.54E-08	3.71E-07	8.19E-08	1.18E-07	1.87E-07	3.30E-08	3.01E-07	1.11E-06
3937	497363.09	3853377.25	1.13E-03	1.22E-03	1.94E-03	3.91E-07	1.18E-06	6.83E-07	7.37E-07	6.68E-07	3.05E-07	4.87E-07	1.30E-08	3.15E-07	6.95E-08	1.00E-07	1.59E-07	2.80E-08	2.55E-07	9.40E-07
3938	497863.09	3853377.25	7.99E-04	8.63E-04	1.38E-03	2.77E-07	8.35E-07	4.83E-07	5.22E-07	4.73E-07	2.16E-07	3.45E-07	9.24E-09	2.23E-07	4.92E-08	7.09E-08	1.12E-07	1.98E-08	1.81E-07	6.66E-07
3939	498363.09	3853377.25	6.47E-04	6.99E-04	1.12E-03	2.24E-07	6.76E-07	3.92E-07	4.23E-07	3.83E-07	1.75E-07	2.79E-07	7.48E-09	1.81E-07	3.99E-08	5.74E-08	9.11E-08	1.61E-08	1.47E-07	5.39E-07
3940	471363.09	3853877.25	2.99E-04	3.23E-04	5.14E-04	1.03E-07	3.12E-07	1.81E-07	1.95E-07	1.77E-07	8.08E-08	1.29E-07	3.46E-09	8.35E-08	1.84E-08	2.65E-08	4.21E-08	7.41E-09	6.75E-08	2.49E-07
3941	471863.09	3853877.25	3.29E-04	3.55E-04	5.65E-04	1.14E-07	3.44E-07	1.99E-07	2.15E-07	1.95E-07	8.88E-08	1.41E-07	3.80E-09	9.18E-08	2.02E-08	2.92E-08	4.62E-08	8.15E-09	7.41E-08	2.74E-07
3942	472363.09	3853877.25	3.48E-04	3.76E-04	5.99E-04	1.21E-07	3.64E-07	2.11E-07	2.28E-07	2.06E-07	9.41E-08	1.50E-07	4.03E-09	9.73E-08	2.15E-08	3.09E-08	4.90E-08	8.64E-09	7.86E-08	2.90E-07
3943	472863.09	3853877.25	3.75E-04	4.05E-04	6.44E-04	1.30E-07	3.92E-07	2.27E-07	2.45E-07	2.22E-07	1.01E-07	1.61E-07	4.33E-09	1.05E-07	2.31E-08	3.32E-08	5.27E-08	9.29E-09	8.46E-08	3.12E-07
3944	473363.09	3853877.25	3.93E-04	4.25E-04	6.76E-04	1.36E-07	4.11E-07	2.38E-07	2.57E-07	2.33E-07	1.06E-07	1.69E-07	4.55E-09	1.10E-07	2.42E-08	3.49E-08	5.53E-08	9.75E-09	8.88E-08	3.27E-07
3945	473863.09	3853877.25	4.15E-04	4.48E-04	7.13E-04	1.44E-07	4.34E-07	2.51E-07	2.71E-07	2.46E-07	1.12E-07	1.78E-07	4.80E-09	1.16E-07	2.56E-08	3.68E-08	5.84E-08	1.03E-08	9.37E-08	3.46E-07
3946	474363.09	3853877.25	4.47E-04	4.82E-04	7.67E-04	1.55E-07	4.67E-07	2.70E-07	2.92E-07	2.64E-07	1.21E-07	1.92E-07	5.16E-09	1.25E-07	2.75E-08	3.96E-08	6.28E-08	1.11E-08	1.01E-07	3.72E-07
3947	474863.09	3853877.25	4.73E-04	5.11E-04	8.12E-04	1.64E-07	4.94E-07	2.86E-07	3.09E-07	2.80E-07	1.28E-07	2.03E-07	5.47E-09	1.32E-07	2.91E-08	4.20E-08	6.66E-08	1.17E-08	1.07E-07	3.94E-07
3948	475363.09	3853877.25	4.63E-04	5.00E-04	7.94E-04	1.60E-07	4.84E-07	2.80E-07	3.02E-07	2.74E-07	1.25E-07	1.99E-07	5.35E-09	1.29E-07	2.85E-08	4.10E-08	6.51E-08	1.15E-08	1.04E-07	3.85E-07
3949	475863.09	3853877.25	4.04E-04	4.36E-04	6.93E-04	1.40E-07	4.22E-07	2.44E-07	2.64E-07	2.39E-07	1.09E-07	1.73E-07	4.67E-09	1.13E-07	2.49E-08	3.58E-08	5.68E-08	1.00E-08	9.10E-08	3.36E-07
3950	476363.09	3853877.25	3.51E-04	3.79E-04	6.04E-04	1.22E-07	3.67E-07	2.13E-07	2.30E-07	2.08E-07	9.49E-08	1.51E-07	4.06E-09	9.81E-08	2.16E-08	3.12E-08	4.94E-08	8.71E-09	7.93E-08	2.92E-07
3951	476863.09	3853877.25	2.92E-04	3.15E-04	5.03E-04	1.01E-07	3.05E-07	1.77E-07	1.91E-07	1.73E-07	7.90E-08	1.26E-07	3.38E-09	8.16E-08	1.80E-08	2.59E-08	4.11E-08	7.25E-09	6.61E-08	2.43E-07
3952	477363.09	3853877.25	3.19E-04	3.44E-04	5.49E-04	1.10E-07	3.33E-07	1.93E-07	2.08E-07	1.89E-07	8.61E-08	1.37E-07	3.68E-09	8.90E-08	1.96E-08	2.83E-08	4.49E-08	7.91E-09	7.21E-08	2.65E-07
3953	477863.09	3853877.25	3.65E-04	3.94E-04	6.28E-04	1.26E-07	3.82E-07	2.21E-07	2.39E-07	2.16E-07	9.87E-08	1.57E-07	4.22E-09	1.02E-07	2.25E-08	3.24E-08	5.14E-08	9.06E-09	8.25E-08	3.04E-07
3954	478363.09	3853877.25	3.91E-04	4.22E-04	6.72E-04	1.35E-07	4.08E-07	2.36E-07	2.55E-07	2.31E-07	1.06E-07	1.68E-07	4.51E-09	1.09E-07	2.41E-08	3.46E-08	5.50E-08	9.69E-09	8.83E-08	3.25E-07
3955	478863.09	3853877.25	3.06E-04	3.31E-04	5.29E-04	1.06E-07	3.20E-07	1.85E-07	2.00E-07	1.81E-07	8.27E-08	1.32E-07	3.54E-09	8.54E-08	1.89E-08	2.72E-08	4.31E-08	7.59E-09	6.95E-08	2.55E-07
3956	479363.09	3853877.25	4.09E-04	4.41E-04	7.05E-04	1.41E-07	4.27E-07	2.47E-07	2.67E-07	2.42E-07	1.10E-07	1.76E-07	4.72E-09	1.14E-07	2.52E-08	3.63E-08	5.75E-08	1.01E-08	9.26E-08	3.41E-07
3957	479863.09	3853877.25	7.26E-04	7.84E-04	1.25E-03	2.51E-07	7.59E-07	4.39E-07	4.74E-07	4.30E-07	1.96E-07	3.12E-07	8.39E-09	2.03E-07	4.47E-08	6.44E-08	1.02E-07	1.80E-08	1.64E-07	6.04E-07
3958	480363.09	3853877.25	1.10E-03	1.19E-03	1.88E-03	3.80E-07	1.15E-06	6.65E-07	7.17E-07	6.50E-07	2.97E-07	4.71E-07	1.27E-08	3.07E-07	6.77E-08	9.74E-08	1.54E-07	2.72E-08	2.47E-07	9.13E-07
3959	480863.09	3853877.25	1.99E-03	2.15E-03	3.41E-03	6.89E-07	2.08E-06	1.20E-06	1.30E-06	1.18E-06	5.37E-07	8.54E-07	2.30E-08	5.55E-07	1.23E-07	1.76E-07	2.80E-07	4.93E-08	4.48E-07	1.65E-06
3960	481363.09	3853877.25	2.85E-03	3.08E-03	4.90E-03	9.87E-07	2.98E-06	1.72E-06	1.86E-06	1.69E-06	7.70E-07	1.23E-06	3.30E-08	7.96E-07	1.76E-07	2.53E-07	4.01E-07	7.07E-08	6.44E-07	2.37E-06
3961	481863.09	3853877.25	4.10E-03	4.43E-03	7.05E-03	1.42E-06	4.28E-06	2.48E-06	2.68E-06	2.43E-06	1.11E-06	1.77E-06	4.74E-08	1.14E-06	2.53E-07	3.64E-07	5.77E-07	1.02E-07	9.26E-07	3.41E-06
3962	482363.09	3853877.25	6.10E-03	6.59E-03	1.05E-02	2.11E-06	6.38E-06	3.69E-06	3.99E-06	3.62E-06	1.65E-06	2.63E-06	7.06E-08	1.70E-06	3.76E-07	5.42E-07	8.59E-07	1.51E-07	1.38E-06	5.08E-06
3963	482863.09	3853877.25	2.88E-02	3.15E-02	5.46E-02	9.98E-06	3.01E-05	1.74E-05	1.91E-05	1.73E-05	7.89E-06	1.37E-05	3.33E-07	8.05E-06	1.78E-06	2.59E-06	4.11E-06	7.24E-07	7.17E-06	2.47E-05
3964	483363.09	3853877.25	1.11E-02	1.20E-02	1.93E-02	3.84E-06	1.16E-05	6.71E-06	7.26E-06	6.58E-06	3.00E-06	4.82E-06	1.28E-07	3.10E-06	6.83E-07	9.85E-07	1.56E-06	2.75E-07	2.53E-06	9.26E-06
3965	483863.09	3853877.25	7.82E-03	8.47E-03	1.37E-02	2.71E-06	8.18E-06	4.73E-06	5.12E-06	4.64E-06	2.12E-06	3.43E-06	9.04E-08	2.18E-06	4.82E-07	6.95E-07	1.10E-06	1.94E-07	1.80E-06	6.55E-06
3966	484363.09	3853877.25	5.25E-03	5.68E-03	9.21E-03	1.82E-06	5.48E-06	3.17E-06	3.44E-06	3.12E-06	1.42E-06	2.31E-06	6.06E-08	1.46E-06	3.23E-07	4.67E-07	7.40E-07	1.30E-07	1.21E-06	4.40E-06
3967	484863.09	3853877.25	3.62E-03	3.92E-03	6.38E-03	1.25E-06	3.79E-06	2.19E-06	2.37E-06	2.15E-06	9.82E-07	1.60E-06	4.19E-08	1.01E-06	2.23E-07	3.22E-07	5.11E-07	9.01E-08	8.38E-07	3.04E-06
3968	485363.09	3853877.25	2.54E-03	2.75E-03	4.48E-03	8.80E-07	2.66E-06	1.54E-06	1.67E-06	1.51E-06	6.89E-07	1.12E-06	2.94E-08	7.10E-07	1.57E-07	2.26E-07	3.59E-07	6.32E-08	5.88E-07	2.13E-06
3969	485863.09	3853877.25	2.73E-03	2.96E-03	4.78E-03	9.47E-07	2.86E-06	1.65E-06	1.79E-06	1.62E-06	7.41E-07	1.20E-06	3.16E-08	7.64E-07	1.69E-07	2.43E-07	3.86E-07	6.80E-08	6.28E-07	2.29E-06
3970	486363.09	3853877.25	2.67E-03	2.89E-03	4.64E-03	9.24E-07	2.79E-06	1.62E-06	1.75E-06	1.58E-06	7.23E-07	1.16E-06	3.09E-08	7.45E-07	1.65E-07	2.37E-07	3.76E-07	6.63E-08	6.10E-07	2.23E-06
3971	486863.09	3853877.25	2.54E-03	2.75E-03	4.40E-03	8.79E-07	2.65E-06	1.54E-06	1.66E-06	1.51E-06	6.87E-07	1.10E-06	2.94E-08	7.09E-07	1.57E-07	2.26E-07	3.58E-07	6.31E-08	5.78E-07	2.12E-06
3972	487363.09	3853877.25	2.61E-03	2.82E-03	4.51E-03	9.05E-07	2.73E-06	1.58E-06	1.71E-06	1.55E-06	7.07E-07	1.13E-06	3.02E-08	7.30E-07	1.61E-07	2.32E-07	3.68E-07	6.48E-08	5.93E-07	2.18E-06
3973	487863.09	3853877.25	2.85E-03	3.08E-03	4.91E-03	9.86E-07	2.98E-06	1.72E-06	1.86E-06	1.69E-06	7.70E-07	1.23E-06	3.29E-08	7.96E-07	1.76E-07	2.53E-07	4.01E-07	7.07E-08	6.45E-07	2.37E-06
3974	488363.09	3853877.25	2.90E-03	3.13E-03	4.99E-03	1.00E-06	3.03E-06	1.76E-06	1.90E-06	1.72E-06	7.84E-07	1.25E-06	3.35E-08	8.10E-07	1.79E-07	2.57E-07	4.08E-07	7.20E-08	6.56E-07	2.42E-06
3975	488863.09	3853877.25	3.03E-03	3.27E-03	5.21E-03	1.05E-06	3.17E-06	1.84E-06	1.98E-06	1.80E-06	8.20E-07	1.30E-06	3.51E-08	8.47E-07	1.87E-07	2.69E-07	4.27E-07	7.52E-08	6.85E-07	2.52E-06
3976	489363.09	3853877.25	2.84E-03	3.07E-03	4.88E-03	9.84E-07	2.97E-06	1.72E-06	1.86E-06	1.68E-06	7.68E-07	1.22E-06	3.28E-08	7.93E-07	1.75E-07	2.52E-07	4.00E-07	7.05E-08	6.41E-07	2.37E-06
3977	489863.09	3853877.25	2.85E-03	3.08E-03	4.90E-03	9.86E-07	2.98E-06	1.72E-06	1.86E-06	1.69E-06	7.70E-07	1.23E-06	3.29E-08	7.95E-07	1.76E-07	2.53E-07	4.01E-07	7.06E-08	6.43E-07	2.37E-06
3978	490363.09	3853877.25	2.76E-03	2.98E-03	4.75E-03	9.56E-07	2.89E-06	1.67E-06	1.80E-06	1.64E-06	7.46E-07	1.19E-06	3.19E-08	7.71E-07	1.70E-07	2.45E-07	3.89E-07	6.85E-08	6.24E-07	2.30E-06
3979	490863.09	3853877.25	2.74E-03	2.95E-03	4.70E-03	9.47E-07	2.86E-06	1.66E-06	1.79E-06	1.62E-06	7.39E-07	1.18E-06	3.16E-08	7.64E-07	1.69E-07	2.43E-07	3.85E-07	6.79E-08	6.18E-07	2.28E-06
3980	491363.09	3853877.25	2.72E-03	2.94E-03	4.68E-03	9.43E-07	2.85E-06	1.65E-06	1.78E-06	1.61E-06	7.36E-07	1.17E-06	3.15E-08	7.61E-07	1.68E-07	2.42E-07	3.83E-07	6.75E-08	6.15E-07	2.27E-06
3981	491863.09	3853877.25	2.70E-03	2.92E-03	4.64E-03	9.35E-07	2.82E-06	1.63E-06	1.76E-06	1.60E-06	7.30E-07	1.16E-06	3.12E-08	7.54E-07	1.66E-07	2.40E-07	3.80E-07	6.70E-08	6.10E-07	2.25E-06
3982	492363.09	3853877.25	2.77E-03	2.99E-03	4.76E-03	9.57E-07	2.89E-06	1.67E-06	1.81E-06	1.64E-06	7.48E-07	1.19E-06	3.20E-08	7.72E-07	1.70E-07	2.45E-07	3.89E-07	6.86E-08	6.25E-07	2.30E-06
3983	492863.09	3853877.25	2.76E-03	2.98E-03	4.75E-03	9.56E-07	2.89E-06	1.67E-06	1.80E-06	1.64E-06	7.46E-07	1.19E-06	3.19E-08	7.71E-07	1.70E-07	2.45E-07	3.89E-07	6.85E-08	6.24E-07	2.30E-06

3984	493363.09	3853877.25	2.66E-03	2.88E-03	4.58E-03	9.22E-07	2.78E-06	1.61E-06	1.74E-06	1.58E-06	7.20E-07	1.15E-06	3.08E-08	7.43E-07	1.64E-07	2.36E-07	3.75E-07	6.60E-08	6.02E-07	2.22E-06
3985	493863.09	3853877.25	2.53E-03	2.73E-03	4.36E-03	8.76E-07	2.64E-06	1.53E-06	1.65E-06	1.50E-06	6.84E-07	1.09E-06	2.92E-08	7.06E-07	1.56E-07	2.24E-07	3.56E-07	6.28E-08	5.72E-07	2.11E-06
3986	494363.09	3853877.25	2.42E-03	2.62E-03	4.18E-03	8.39E-07	2.53E-06	1.47E-06	1.58E-06	1.44E-06	6.55E-07	1.05E-06	2.80E-08	6.77E-07	1.49E-07	2.15E-07	3.41E-07	6.02E-08	5.49E-07	2.02E-06
3987	494863.09	3853877.25	2.27E-03	2.45E-03	3.91E-03	7.85E-07	2.37E-06	1.37E-06	1.48E-06	1.34E-06	6.13E-07	9.78E-07	2.62E-08	6.33E-07	1.40E-07	2.01E-07	3.19E-07	5.62E-08	5.13E-07	1.89E-06
3988	495363.09	3853877.25	1.97E-03	2.12E-03	3.39E-03	6.81E-07	2.06E-06	1.19E-06	1.29E-06	1.17E-06	5.32E-07	8.48E-07	2.27E-08	5.49E-07	1.21E-07	1.75E-07	2.77E-07	4.88E-08	4.45E-07	1.64E-06
3989	495863.09	3853877.25	1.74E-03	1.88E-03	3.00E-03	6.03E-07	1.82E-06	1.05E-06	1.14E-06	1.03E-06	4.71E-07	7.51E-07	2.01E-08	4.86E-07	1.07E-07	1.55E-07	2.45E-07	4.32E-08	3.94E-07	1.45E-06
3990	496363.09	3853877.25	1.60E-03	1.73E-03	2.75E-03	5.53E-07	1.67E-06	9.67E-07	1.04E-06	9.46E-07	4.32E-07	6.89E-07	1.85E-08	4.46E-07	9.84E-08	1.42E-07	2.25E-07	3.96E-08	3.61E-07	1.33E-06
3991	496863.09	3853877.25	1.37E-03	1.47E-03	2.35E-03	4.73E-07	1.43E-06	8.26E-07	8.92E-07	8.09E-07	3.69E-07	5.89E-07	1.58E-08	3.81E-07	8.41E-08	1.21E-07	1.92E-07	3.39E-08	3.09E-07	1.14E-06
3992	497363.09	3853877.25	1.18E-03	1.28E-03	2.04E-03	4.10E-07	1.24E-06	7.17E-07	7.74E-07	7.02E-07	3.20E-07	5.11E-07	1.37E-08	3.31E-07	7.30E-08	1.05E-07	1.67E-07	2.94E-08	2.68E-07	9.87E-07
3993	497863.09	3853877.25	9.58E-04	1.03E-03	1.65E-03	3.32E-07	1.00E-06	5.80E-07	6.26E-07	5.68E-07	2.59E-07	4.13E-07	1.11E-08	2.67E-07	5.90E-08	8.50E-08	1.35E-07	2.38E-08	2.17E-07	7.98E-07
3994	498363.09	3853877.25	8.27E-04	8.93E-04	1.43E-03	2.86E-07	8.64E-07	5.00E-07	5.40E-07	4.90E-07	2.24E-07	3.57E-07	9.56E-09	2.31E-07	5.10E-08	7.34E-08	1.16E-07	2.05E-08	1.87E-07	6.89E-07
3995	471363.09	3854377.25	3.10E-04	3.35E-04	5.33E-04	1.07E-07	3.24E-07	1.88E-07	2.03E-07	1.84E-07	8.38E-08	1.33E-07	3.59E-09	8.66E-08	1.91E-08	2.75E-08	4.37E-08	7.69E-09	7.00E-08	2.58E-07
3996	471863.09	3854377.25	3.42E-04	3.69E-04	5.87E-04	1.18E-07	3.57E-07	2.07E-07	2.23E-07	2.02E-07	9.24E-08	1.47E-07	3.95E-09	9.54E-08	2.11E-08	3.03E-08	4.81E-08	8.48E-09	7.71E-08	2.84E-07
3997	472363.09	3854377.25	3.65E-04	3.94E-04	6.26E-04	1.26E-07	3.81E-07	2.21E-07	2.38E-07	2.16E-07	9.85E-08	1.57E-07	4.21E-09	1.02E-07	2.25E-08	3.23E-08	5.13E-08	9.04E-09	8.22E-08	3.03E-07
3998	472863.09	3854377.25	3.82E-04	4.12E-04	6.55E-04	1.32E-07	3.99E-07	2.31E-07	2.49E-07	2.26E-07	1.03E-07	1.64E-07	4.41E-09	1.07E-07	2.35E-08	3.38E-08	5.37E-08	9.46E-09	8.60E-08	3.18E-07
3999	473363.09	3854377.25	4.07E-04	4.39E-04	6.98E-04	1.41E-07	4.25E-07	2.46E-07	2.66E-07	2.41E-07	1.10E-07	1.75E-07	4.70E-09	1.14E-07	2.51E-08	3.61E-08	5.72E-08	1.01E-08	9.17E-08	3.38E-07
4000	473863.09	3854377.25	4.39E-04	4.74E-04	7.52E-04	1.52E-07	4.59E-07	2.65E-07	2.87E-07	2.60E-07	1.19E-07	1.88E-07	5.07E-09	1.22E-07	2.70E-08	3.89E-08	6.17E-08	1.09E-08	9.88E-08	3.65E-07
4001	474363.09	3854377.25	4.73E-04	5.11E-04	8.12E-04	1.64E-07	4.95E-07	2.86E-07	3.09E-07	2.80E-07	1.28E-07	2.03E-07	5.47E-09	1.32E-07	2.92E-08	4.20E-08	6.66E-08	1.17E-08	1.07E-07	3.94E-07
4002	474863.09	3854377.25	4.56E-04	4.92E-04	7.82E-04	1.58E-07	4.76E-07	2.76E-07	2.98E-07	2.70E-07	1.23E-07	1.96E-07	5.27E-09	1.27E-07	2.81E-08	4.04E-08	6.41E-08	1.13E-08	1.03E-07	3.79E-07
4003	475363.09	3854377.25	3.98E-04	4.30E-04	6.83E-04	1.38E-07	4.16E-07	2.41E-07	2.60E-07	2.36E-07	1.08E-07	1.71E-07	4.60E-09	1.11E-07	2.45E-08	3.53E-08	5.60E-08	9.87E-09	8.98E-08	3.31E-07
4004	475863.09	3854377.25	2.95E-04	3.19E-04	5.08E-04	1.02E-07	3.09E-07	1.79E-07	1.93E-07	1.75E-07	7.98E-08	1.27E-07	3.41E-09	8.25E-08	1.82E-08	2.62E-08	4.16E-08	7.33E-09	6.67E-08	2.46E-07
4005	476363.09	3854377.25	2.78E-04	3.00E-04	4.78E-04	9.61E-08	2.90E-07	1.68E-07	1.82E-07	1.65E-07	7.51E-08	1.20E-07	3.21E-09	7.76E-08	1.71E-08	2.46E-08	3.91E-08	6.89E-09	6.28E-08	2.31E-07
4006	476863.09	3854377.25	2.77E-04	3.00E-04	4.78E-04	9.60E-08	2.90E-07	1.68E-07	1.81E-07	1.64E-07	7.50E-08	1.20E-07	3.21E-09	7.74E-08	1.71E-08	2.46E-08	3.90E-08	6.88E-09	6.28E-08	2.31E-07
4007	477363.09	3854377.25	2.84E-04	3.06E-04	4.89E-04	9.82E-08	2.96E-07	1.72E-07	1.85E-07	1.68E-07	7.67E-08	1.22E-07	3.28E-09	7.92E-08	1.75E-08	2.52E-08	3.99E-08	7.04E-09	6.42E-08	2.36E-07
4008	477863.09	3854377.25	2.96E-04	3.20E-04	5.10E-04	1.02E-07	3.09E-07	1.79E-07	1.93E-07	1.75E-07	8.00E-08	1.28E-07	3.42E-09	8.26E-08	1.82E-08	2.63E-08	4.16E-08	7.34E-09	6.70E-08	2.46E-07
4009	478363.09	3854377.25	3.45E-04	3.72E-04	5.94E-04	1.19E-07	3.60E-07	2.09E-07	2.25E-07	2.04E-07	9.32E-08	1.49E-07	3.98E-09	9.63E-08	2.12E-08	3.06E-08	4.85E-08	8.55E-09	7.80E-08	2.87E-07
4010	478863.09	3854377.25	3.80E-04	4.10E-04	6.54E-04	1.32E-07	3.97E-07	2.30E-07	2.48E-07	2.25E-07	1.03E-07	1.64E-07	4.39E-09	1.06E-07	2.34E-08	3.37E-08	5.35E-08	9.43E-09	8.60E-08	3.17E-07
4011	479363.09	3854377.25	5.63E-04	6.08E-04	9.68E-04	1.95E-07	5.89E-07	3.41E-07	3.68E-07	3.34E-07	1.52E-07	2.42E-07	6.51E-09	1.57E-07	3.47E-08	5.00E-08	7.93E-08	1.40E-08	1.27E-07	4.69E-07
4012	479863.09	3854377.25	7.36E-04	7.95E-04	1.26E-03	2.55E-07	7.70E-07	4.46E-07	4.81E-07	4.36E-07	1.99E-07	3.16E-07	8.51E-09	2.06E-07	4.54E-08	6.53E-08	1.04E-07	1.83E-08	1.66E-07	6.12E-07
4013	480363.09	3854377.25	1.06E-03	1.15E-03	1.82E-03	3.68E-07	1.11E-06	6.44E-07	6.95E-07	6.30E-07	2.87E-07	4.55E-07	1.23E-08	2.97E-07	6.56E-08	9.43E-08	1.50E-07	2.64E-08	2.39E-07	8.84E-07
4014	480863.09	3854377.25	1.81E-03	1.96E-03	3.09E-03	6.28E-07	1.90E-06	1.10E-06	1.18E-06	1.07E-06	4.90E-07	7.74E-07	2.10E-08	5.06E-07	1.12E-07	1.61E-07	2.55E-07	4.49E-08	4.06E-07	1.51E-06
4015	481363.09	3854377.25	3.06E-03	3.30E-03	5.24E-03	1.06E-06	3.20E-06	1.85E-06	2.00E-06	1.81E-06	8.27E-07	1.31E-06	3.54E-08	8.55E-07	1.89E-07	2.71E-07	4.31E-07	7.59E-08	6.89E-07	2.55E-06
4016	481863.09	3854377.25	5.49E-03	5.93E-03	9.51E-03	1.90E-06	5.74E-06	3.32E-06	3.59E-06	3.25E-06	1.48E-06	2.38E-06	6.34E-08	1.53E-06	3.38E-07	4.87E-07	7.73E-07	1.36E-07	1.25E-06	4.58E-06
4017	482363.09	3854377.25	8.76E-03	9.48E-03	1.54E-02	3.03E-06	9.15E-06	5.30E-06	5.74E-06	5.20E-06	2.37E-06	3.84E-06	1.01E-07	2.45E-06	5.40E-07	7.79E-07	1.24E-06	2.18E-07	2.02E-06	7.34E-06
4018	482863.09	3854377.25	3.48E-02	3.78E-02	6.29E-02	1.21E-05	3.64E-05	2.11E-05	2.29E-05	2.08E-05	9.47E-06	1.57E-05	4.03E-07	9.72E-06	2.15E-06	3.11E-06	4.93E-06	8.69E-07	8.26E-06	2.94E-05
4019	483363.09	3854377.25	3.77E-02	4.11E-02	7.02E-02	1.30E-05	3.94E-05	2.28E-05	2.49E-05	2.25E-05	1.03E-05	1.76E-05	4.35E-07	1.05E-05	2.32E-06	3.38E-06	5.36E-06	9.44E-07	9.22E-06	3.22E-05
4020	483863.09	3854377.25	1.56E-02	1.69E-02	2.80E-02	5.40E-06	1.63E-05	9.43E-06	1.02E-05	9.28E-06	4.24E-06	7.00E-06	1.80E-07	4.35E-06	9.60E-07	1.39E-06	2.21E-06	3.89E-07	3.67E-06	1.32E-05
4021	484363.09	3854377.25	9.01E-03	9.76E-03	1.59E-02	3.12E-06	9.41E-06	5.45E-06	5.91E-06	5.35E-06	2.44E-06	3.99E-06	1.04E-07	2.51E-06	5.55E-07	8.02E-07	1.27E-06	2.24E-07	2.09E-06	7.57E-06
4022	484863.09	3854377.25	6.13E-03	6.64E-03	1.08E-02	2.12E-06	6.41E-06	3.71E-06	4.02E-06	3.64E-06	1.66E-06	2.69E-06	7.09E-08	1.71E-06	3.78E-07	5.45E-07	8.65E-07	1.52E-07	1.41E-06	5.14E-06
4023	485363.09	3854377.25	6.55E-03	7.08E-03	1.13E-02	2.27E-06	6.84E-06	3.96E-06	4.28E-06	3.88E-06	1.77E-06	2.84E-06	7.57E-08	1.83E-06	4.03E-07	5.81E-07	9.22E-07	1.63E-07	1.49E-06	5.46E-06
4024	485863.09	3854377.25	5.11E-03	5.52E-03	8.83E-03	1.77E-06	5.34E-06	3.09E-06	3.34E-06	3.03E-06	1.38E-06	2.21E-06	5.91E-08	1.43E-06	3.15E-07	4.54E-07	7.20E-07	1.27E-07	1.16E-06	4.26E-06
4025	486363.09	3854377.25	5.08E-03	5.49E-03	8.74E-03	1.76E-06	5.31E-06	3.08E-06	3.32E-06	3.01E-06	1.37E-06	2.19E-06	5.88E-08	1.42E-06	3.13E-07	4.51E-07	7.15E-07	1.26E-07	1.15E-06	4.23E-06
4026	486863.09	3854377.25	4.60E-03	4.97E-03	7.90E-03	1.59E-06	4.81E-06	2.78E-06	3.01E-06	2.72E-06	1.24E-06	1.98E-06	5.32E-08	1.28E-06	2.84E-07	4.08E-07	6.47E-07	1.14E-07	1.04E-06	3.83E-06
4027	487363.09	3854377.25	4.58E-03	4.94E-03	7.84E-03	1.58E-06	4.78E-06	2.77E-06	2.99E-06	2.71E-06	1.24E-06	1.96E-06	5.29E-08	1.28E-06	2.82E-07	4.06E-07	6.44E-07	1.13E-07	1.03E-06	3.81E-06
4028	487863.09	3854377.25	4.72E-03	5.10E-03	8.09E-03	1.63E-06	4.94E-06	2.86E-06	3.08E-06	2.80E-06	1.28E-06	2.02E-06	5.46E-08	1.32E-06	2.91E-07	4.19E-07	6.64E-07	1.17E-07	1.06E-06	3.93E-06
4029	488363.09	3854377.25	4.71E-03	5.08E-03	8.07E-03	1.63E-06	4.92E-06	2.85E-06	3.07E-06	2.79E-06	1.27E-06	2.02E-06	5.44E-08	1.31E-06	2.90E-07	4.17E-07	6.62E-07	1.17E-07	1.06E-06	3.91E-06
4030	488863.09	3854377.25	4.65E-03	5.02E-03	7.98E-03	1.61E-06	4.86E-06	2.82E-06	3.04E-06	2.75E-06	1.26E-06	2.00E-06	5.38E-08	1.30E-06	2.87E-07	4.13E-07	6.55E-07	1.15E-07	1.05E-06	3.87E-06
4031	489363.09	3854377.25	4.53E-03	4.89E-03	7.77E-03	1.57E-06	4.73E-06	2.74E-06	2.96E-06	2.68E-06	1.22E-06	1.94E-06	5.23E-08	1.26E-06	2.79E-07	4.01E-07	6.37E-07	1.12E-07	1.02E-06	3.77E-06
4032	489863.09	3854377.25	4.34E-03	4.69E-03	7.46E-03	1.50E-06	4.54E-06	2.63E-06	2.84E-06	2.57E-06	1.17E-06	1.87E-06	5.02E-08	1.21E-06	2.68E-07	3.85E-07	6.11E-07	1.08E-07	9.80E-07	3.61E-06
4033	490363.09	3854377.25	4.11E-03	4.44E-03	7.06E-03	1.42E-06	4.30E-06	2.49E-06	2.68E-06	2.43E-06	1.11E-06	1.77E-06	4.75E-08	1.15E-06	2.53E-07	3.65E-07	5.78E-07	1.02E-07	9.27E-07	3.42E-06
4034	490863.09	3854377.25	3.38E-03	3.64E-03	5.79E-03	1.17E-06	3.53E-06	2.04E-06	2.20E-06	2.00E-06	9.12E-07	1.45E-06	3.90E-08	9.42E-07	2.08E-07	2.99E-07	4.75E-07	8.37E-08	7.61E-07	2.81E-06
4035	491363.09	3854377.25	3.61E-03	3.89E-03	6.20E-03	1.25E-06	3.77E-06	2.18E-06	2.36E-06	2.14E-06	9.75E-07	1.55E-06	4.17E-08	1.01E-06	2.22E-07	3.20E-07	5.08E-07	8.95E-08	8.14E-07	3.00E-06
4036	491863.09	3854377.25	3.74E-03	4.04E-03	6.43E-03	1.30E-06	3.91E-06	2.26E-06	2.44E-06	2.22E-06	1.01E-06	1.61E-06	4.32E-08	1.04E-06	2.31E-07	3.32E-07	5.27E-07	9.28E-08	8.45E-07	3.11E-06
4037	492363.09	3854377.25	3.71E-03	4.01E-03	6.39E-03	1.29E-06	3.88E-06	2.25E-06	2.43E-06	2.20E-06	1.00E-06	1.60E-06	4.29E-08	1.04E-06	2.29E-07	3.29E-07	5.23E-07	9.21E-08	8.39E-07	3.09E-06
4038	492863.09	3854377.25	3.56E-03	3.84E-03	6.13E-03	1.23E-06	3.72E-06	2.15E-06	2.33E-06	2.11E-06	9.62E-07	1.53E-06	4.11E-08	9.94E-07	2.19E-07	3.16E-07	5.01E-07	8.83E-08	8.05E-07	2.96E-06
4039	493363.09	3854377.25	3.34E-03	3.61E-03	5.75E-03	1.16E-06	3.49E-06	2.02E-06	2.18E-06	1.98E-06	9.03E-07	1.44E-06	3.86E-08	9.32E-07	2.06E-07	2.96E-07	4.70E-07	8.28E-08	7.55E-07	2.78E-06
4040	493863.09	3854377.25	3.12E-03	3.37E-03	5.37E-03	1.08E-06	3.26E-06	1.89E-06	2.04E-06	1.85E-06	8.43E-07	1.34E-06	3.60E-08	8.71E-07	1.92E-07	2.77E-07	4.39E-07	7.73E-08	7.05E-07	2.60E-06
4041	494363.09	3854377.25	2.91E-03	3.15E-03	5.02E-03	1.01E-06	3.04E-06	1.76E-06	1.90E-06	1.73E-06	7.87E-07	1.26E-06	3.37E-08	8.13E-07	1.79E-07	2.58E-07	4.10E-07	7.23E-08	6.59E-07	2.43E-06
4042	494863.09	3854377.25	2.39E-03	2.58E-03	4.11E-03	8.27E-07	2.50E-06	1.44E-06	1.56E-06	1.41E-06	6.46E-07	1.03E-06	2.76E-08	6.67E-07	1.47E-07	2.12E-07	3.36E-07	5.92E-08	5.40E-07	1.99E-06
4043	495363.09	3854377.25	1.92E-03	2.07E-03	3.30E-03	6.64E-07	2.00E-06	1.16E-06	1.25E-06	1.14E-06	5.18E-07	8.26E-07	2.22E-08	5.36E-07	1.18E-07	1.70E-07	2.70E-07	4.76E-08	4.34E-07	1.60E-06
4044	495863.09	3854377.25	1.63E-03	1.76E-03	2.80E-03	5.63E-07	1.70E-06	9.84E-07	1.06E-06	9.63E-07	4.39E-07	7.01E-07	1.88E-08	4.54E-07	1.00E-07	1.44E-07	2.29E-07	4.03E-08	3.68E-07	1.35E-06
4045	496363.09	3854377.25	1.48E-03	1.60E-03	2.56E-03	5.14E-07	1.55E-06	8.98E-07	9.70E-07	8.79E-07	4.01E-07	6.39E-07	1.72E-08	4.14E-07	9.14E-08	1.32E-07	2.09E-07	3.68E-08	3.36E-07	1.24E-06
4046	496863.09	3854377.25	1.31E-03	1.41E-03	2.25E-03	4.53E-07	1.37E-06	7.92E-07	8.55E-07	7.75E-07	3.54E-07	5.64E-07	1.51E-08	3.65E-07	8.07E-08	1.16E-07	1.84E-07	3.25E-08	2.96E-07	1.09E-06
4047	497363.09	3854377.25	1.06E-03	1.14E-03	1.82E-03	3.66E-07	1.11E-06	6.40E-07	6.91E-07	6.27E-07	2.86E-07	4.56E-07	1.22E-08	2.95E-07	6.52E-08	9.39E-08	1.49E-07	2.62E-08	2.39E-07	8.81E-07
4048	497863.09	3854377.25	1.07E-03	1.16E-03	1.85E-03	3.71E-07	1.12E-06	6.49E-07	7.01E-07	6.35E-07	2.90E-07	4.62E-07	1.24E-08	2.99E-07	6.61E-08	9.52E-08	1.51E-07	2.66E-08	2.43E-07	8.93E-07
4049	498363.09	3854377.25	9.36E-04	1.01E-03	1.61E-03	3.24E-07	9.78E-07	5.66E-07	6.12E-07	5.54E-07	2.53E-07	4.03E-07	1.08E-08	2.61E-07	5.77E-08	8.30E-08	1.32E-07	2.32E-08	2.12E-07	7.79E-07
4050	471363.09	3854877.25	3.16E-04	3.41E-04	5.42E-04	1.09E-07	3.30E-07	1.91E-07	2.06E-07	1.87E-07	8.54E-08	1.36E-07	3.65E-09	8.82E-08	1.95E-08	2.80E-08	4.44E-08	7.83E-09	7.12E-08	2.63E-07
4051	471863.09	3854877.25	3.42E-04	3.69E-04	5.86E-04	1.18E-07	3.57E-07	2.07E-07	2.23E-07	2.02E-07	9.24E-08	1.47E-07	3.95E-09	9.55E-08	2.11E-08	3.03E-08	4.81E-08	8.48E-09	7.70E-08	2.84E-07
4052	472363.09	3854877.25	3.65E-04	3.94E-04	6.26E-04	1.26E-07	3.81E-07	2.21E-07	2.38E-07	2.16E-07	9.86E-08	1.57E-07	4.22E-09	1.02E-07	2.25E-08	3.24E-08	5.13E-08	9.05E-09	8.22E-08	3.04E-07
4053	472863.09	3854877.25	3.76E-04	4.06E-04	6.45E-04	1.30E-07	3.93E-07	2.28E-07	2.46E-07	2.23E-07	1.02E-07	1.61E-07	4.35E-09	1.05E-07	2.32E-08	3.33E-08	5.29E-08	9.32E-09	8.47E-08	3.13E-07
4054	473363.09	3854877.25	4.13E-04	4.46E-04	7.08E-04	1.43E-07	4.31E-07	2.50E-07	2.70E-07	2.44E-07	1.12E-07	1.77E-07	4.77E-09	1.15E-07	2.54E-08	3.66E-08	5.81E-08	1.02E-08	9.30E-08	3.43E-07
4055	473863.09	3854877.25	4.50E-04	4.86E-04	7.72E-04	1.56E-07	4.70E-07	2.72E-07	2.94E-07	2.66E-07	1.22E-07	1.93E-07	5.20E-09	1.26E-07	2.77E-08	3.99E-08	6.33E-08	1.12E-08	1.01E-07	3.74E-07
4056	474363.09	3854877.25	4.98E-04	5.38E-04	8.55E-04	1.72E-07	5.21E-07	3.01E-07	3.25E-07	2.95E-07	1.35E-07	2.14E-07	5.76E-09	1.39E-07	3.07E-08	4.42E-08	7.01E-08	1.24E-08	1.12E-07	4.14E-07
4057	474863.09	3854877.25	4.18E-04	4.51E-04	7.16E-04	1.45E-07	4.37E-07	2.53E-07	2.73E-07	2.47E-07	1.13E-07	1.79E-07	4.83E-09	1.17E-07	2.57E-08	3.70E-08	5.88E-08	1.04E-08	9.41E-08	3.47E-07
4058	475363.09	3854877.25	3.35E-04	3.62E-04	5.75E-04	1.16E-07	3.50E-07	2.03E-07	2.19E-07	1.98E-07	9.06E-08	1.44E-07	3.88E-09	9.36E-08	2.07E-08	2.97E-08	4.72E-08	8.31E-09	7.55E-08	2.79E-07
4059	475863.09	3854877.25	2.69E-04	2.90E-04	4.61E-04	9.30E-08	2.81E-07	1.63E-07	1.75E-07	1.59E-07	7.26E-08	1.15E-07	3.10E-09	7.50E-08	1.65E-08	2.38E-08	3.78E-08	6.66E-09	6.06E-08	2.24E-07
4060	476363.09	3854877.25	1.94E-04	2.09E-04	3.34E-04	6.71E-08	2.02E-07	1.17E-07	1.27E-07	1.15E-07	5.24E-08	8.36E-08	2.24E-09	5.41E-08	1.19E-08	1.72E-08	2.73E-08	4.81E-09	4.39E-08	1.61E-07
4061	476863.09	3854877.25	1.96E-04	2.12E-04	3.39E-04	6.80E-08	2.05E-07	1.19E-07	1.28E-07	1.16E-07	5.31E-08	8.48E-08	2.27E-09	5.48E-08	1.21E-08	1.74E-08	2.76E-08	4.87E-09	4.45E-08	1.64E-07
4062	477363.09	3854877.25	2.37E-04	2.55E-04	4.08E-04	8.19E-08	2.47E-07	1.43E-07	1.55E-07	1.40E-07	6.39E-08	1.02E-07	2.73E-09	6.60E-08	1.46E-08	2.10E-08	3.33E-08	5.87E-09	5.35E-08	1.97E-07
4063	477863.09	3854877.25	2.77E-04	2.99E-04	4.77E-04	9.59E-08	2.89E-07	1.68E-07	1.81E-07	1.64E-07	7.49E-08	1.19E-07	3.20E-09	7.73E-08	1.71E-08	2.46E-08	3.90E-08	6.87E-09	6.26E-08	2.31E-07
4064	478363.09	3854877.25	3.66E-04	3.96E-04	6.30E-04	1.27E-07	3.83E-07	2.22E-07	2.39E-07	2.17E-07	9.90E-08	1.58E-07	4.24E-09	1.02E-07	2.26E-08	3.25E-08	5.16E-08	9.09E-09	8.28E-08	3.05E-07
4065	478863.09	3854877.25	5.14E-04	5.54E-04	8.81E-04	1.78E-07	5.37E-07	3.11E-07	3.35E-07	3.04E-07	1.39E-07	2.20E-07	5.94E-09	1.43E-07	3.16E-08	4.55E-08	7.23E-08	1.27E-08	1.16E-07	4.27E-07
4066	479363.09	3854877.25	7.25E-04	7.83E-04	1.24E-03	2.51E-07	7.58E-07	4.39E-07	4.74E-07	4.29E-07	1.96E-07	3.11E-07	8.38E-09	2.03E-07	4.47E-08	6.43E-08	1.02E-07	1.80E-08	1.63E-07	6.03E-07
4067	479863.09	3854877.25	1.02E-03	1.10E-03	1.74E-03	3.53E-07	1.07E-06	6.17E-07	6.66E-07	6.03E-07	2.75E-07	4.36E-07	1.18E-08	2.85E-07	6.28E-08	9.04E-08	1.43E-07	2.53E-08	2.29E-07	8.47E-07
4068	480363.09	3854877.25	1.38E-03	1.49E-03	2.35E-03	4.78E-07	1.44E-06	8.36E-07	9.02E-07	8.17E-07	3.73E-07	5.89E-07	1.60E-08	3.86E-07	8.51E-08	1.22E-07	1.94E-07	3.42E-08	3.09E-07	1.15E-06
4069	480863.09	3854877.25	2.24E-03	2.42E-03	3.82E-03	7.76E-07	2.34E-06	1.36E-06	1.46E-06	1.33E-06	6.05E-07	9.57E-07	2.59E-08	6.26E-07	1.38E-07	1.99E-07	3.15E-07	5.55E-08	5.02E-07	1.86E-06
4070	481363.09	3854877.25	3.19E-03	3.44E-03	5.44E-03	1.10E-06	3.33E-06	1.93E-06	2.08E-06	1.89E-06	8.60E-07	1.36E-06	3.68E-08	8.90E-07	1.96E-07	2.82E-07	4.48E-07	7.90E-08	7.15E-07	2.65E-06
4071	481863.09	3854877.25	3.55E-03	3.83E-03	6.04E-03	1.23E-06	3.71E-06	2.15E-06	2.32E-06	2.10E-06	9.58E-07	1.51E-06	4.10E-08	9.91E-07	2.19E-07	3.14E-07	4.99E-07	8.79E-08	7.93E-07	2.95E-06
4072	482363.09	3854877.25	9.14E-03	9.88E-03	1.59E-02	3.16E-06	9.55E-06	5.53E-06	5.98E-06	5.42E-06	2.47E-06	3.97E-06	1.06E-07	2.55E-06	5.63E-07	8.11E-07	1.29E-06	2.27E-07	2.08E-06	7.63E-06
4073	482863.09	3854877.25	1.88E-02	2.03E-02	3.27E-02	6.50E-06	1.96E-05	1.14E-05	1.23E-05	1.11E-05	5.08E-06	8.18E-06	2.17E-07	5.24E-06	1.16E-06	1.67E-06	2.65E-06	4.67E-07	4.30E-06	1.57E-05
4074	483363.09	3854877.25	1.06E-01	1.15E-01	1.90E-01	3.68E-05	1.11E-04	6.44E-05	6.99E-05	6.33E-05	2.89E-05	4.75E-05	1.23E-06	2.97E-05	6.56E-06	9.48E-06	1.50E-05	2.65E-06	2.49E-05	8.96E-05
4075	483863.09	3854877.25	9.44E-02	1.01E-01	1.55E-01	3.27E-05	9.87E-05	5.71E-05	6.13E-05	5.56E-05	2.54E-05	3.87E-05	1.09E-06	2.64E-05	5.82E-06	8.32E-06	1.32E-05	2.33E-06	2.03E-05	7.74E-05
4076	484363.09	3854877.25	3.09E-02	3.32E-02	5.14E-02	1.07E-05	3.23E-05	1.87E-05	2.01E-05	1.82E-05	8.32E-06	1.29E-05	3.57E-07	8.63E-06	1.90E-06	2.73E-06	4.33E-06	7.63E-07	6.75E-06	2.55E-05
4077	484863.09	3854877.25	1.95E-02	2.10E-02	3.29E-02	6.76E-06	2.04E-05	1.18E-05	1.27E-05	1.15E-05	5.26E-06	8.22E-06	2.26E-07	5.45E-06	1.20E-06	1.73E-06	2.74E-06	4.83E-07	4.31E-06	1.61E-05
4078	485363.09	3854877.25	1.45E-02	1.57E-02	2.46E-02	5.03E-06	1.52E-05	8.80E-06	9.48E-06	8.59E-06	3.92E-06	6.15E-06	1.68E-07	4.06E-06	8.96E-07	1.29E-06	2.04E-06	3.60E-07	3.23E-06	1.20E-05
4079	485863.09	3854877.25	1.13E-02	1.22E-02	1.91E-02	3.91E-06	1.18E-05	6.83E-06	7.36E-06	6.67E-06	3.04E-06	4.79E-06	1.30E-07	3.15E-06	6.95E-07	9.99E-07	1.59E-06	2.79E-07	2.51E-06	9.36E-06
4080	486363.09	3854877.25	9.20E-03	9.92E-03	1.57E-02	3.19E-06	9.62E-06	5.57E-06	6.00E-06	5.44E-06	2.48E-06	3.92E-06	1.06E-07	2.57E-06	5.67E-07	8.15E-07	1.29E-06	2.28E-07	2.06E-06	7.64E-06
4081	486863.09	3854877.25	7.95E-03	8.58E-03	1.35E-02	2.75E-06	8.31E-06	4.81E-06	5.19E-06	4.70E-06	2.15E-06	3.39E-06	9.19E-08	2.22E-06	4.90E-07	7.05E-07	1.12E-06	1.97E-07	1.78E-06	6.60E-06
4082	487363.09	3854877.25	7.63E-03	8.24E-03	1.30E-02	2.64E-06	7.98E-06	4.62E-06	4.98E-06	4.52E-06	2.06E-06	3.26E-06	8.83E-08	2.13E-06	4.70E-07	6.77E-07	1.07E-06	1.89E-07	1.71E-06	6.34E-06
4083	487863.09	3854877.25	7.35E-03	7.93E-03	1.26E-02	2.55E-06	7.69E-06	4.45E-06	4.80E-06	4.35E-06	1.99E-06	3.14E-06	8.50E-08	2.05E-06	4.53E-07	6.52E-07	1.03E-06	1.82E-07	1.65E-06	6.11E-06
4084	488363.09	3854877.25	7.13E-03	7.69E-03	1.22E-02	2.47E-06	7.45E-06	4.31E-06	4.65E-06	4.22E-06	1.92E-06	3.05E-06	8.24E-08	1.99E-06	4.39E-07	6.32E-07	1.00E-06	1.77E-07	1.60E-06	5.92E-06
4085	488863.09	3854877.25	6.98E-03	7.53E-03	1.20E-02	2.42E-06	7.30E-06	4.22E-06	4.56E-06	4.13E-06	1.89E-06	3.00E-06	8.07E-08	1.95E-06	4.30E-07	6.19E-07	9.82E-07	1.73E-07	1.57E-06	5.81E-06
4086	489363.09	3854877.25	6.61E-03	7.14E-03	1.14E-02	2.29E-06	6.91E-06	4.00E-06	4.32E-06	3.92E-06	1.79E-06	2.84E-06	7.64E-08	1.85E-06	4.07E-07	5.87E-07	9.30E-07	1.64E-07	1.49E-06	5.50E-06
4087	489863.09	3854877.25	5.97E-03	6.45E-03	1.03E-02	2.07E-06	6.24E-06	3.61E-06	3.90E-06	3.54E-06	1.61E-06	2.57E-06	6.90E-08	1.67E-06	3.68E-07	5.30E-07	8.40E-07	1.48E-07	1.35E-06	4.97E-06
4088	490363.09	3854877.25	4.50E-03	4.86E-03	7.72E-03	1.56E-06	4.71E-06	2.72E-06	2.94E-06	2.67E-06	1.22E-06	1.93E-06	5.20E-08	1.26E-06	2.77E-07	3.99E-07	6.33E-07	1.12E-07	1.01E-06	3.74E-06

4089	490863.09	3854877.25	3.29E-03	3.55E-03	5.64E-03	1.14E-06	3.44E-06	1.99E-06	2.15E-06	1.95E-06	8.89E-07	1.41E-06	3.80E-08	9.19E-07	2.03E-07	2.92E-07	4.63E-07	8.16E-08	7.41E-07	2.74E-06
4090	491363.09	3854877.25	3.46E-03	3.74E-03	5.94E-03	1.20E-06	3.62E-06	2.10E-06	2.26E-06	2.05E-06	9.36E-07	1.49E-06	4.00E-08	9.67E-07	2.13E-07	3.07E-07	4.87E-07	8.59E-08	7.81E-07	2.88E-06
4091	491863.09	3854877.25	4.80E-03	5.18E-03	8.26E-03	1.66E-06	5.02E-06	2.90E-06	3.14E-06	2.84E-06	1.30E-06	2.07E-06	5.55E-08	1.34E-06	2.96E-07	4.26E-07	6.76E-07	1.19E-07	1.09E-06	4.00E-06
4092	492363.09	3854877.25	4.70E-03	5.07E-03	8.09E-03	1.63E-06	4.91E-06	2.84E-06	3.07E-06	2.78E-06	1.27E-06	2.03E-06	5.43E-08	1.31E-06	2.89E-07	4.17E-07	6.61E-07	1.17E-07	1.06E-06	3.91E-06
4093	492863.09	3854877.25	4.38E-03	4.73E-03	7.55E-03	1.52E-06	4.58E-06	2.65E-06	2.86E-06	2.60E-06	1.18E-06	1.89E-06	5.07E-08	1.22E-06	2.70E-07	3.89E-07	6.17E-07	1.09E-07	9.92E-07	3.65E-06
4094	493363.09	3854877.25	4.01E-03	4.33E-03	6.91E-03	1.39E-06	4.19E-06	2.42E-06	2.62E-06	2.37E-06	1.08E-06	1.73E-06	4.63E-08	1.12E-06	2.47E-07	3.56E-07	5.64E-07	9.94E-08	9.07E-07	3.34E-06
4095	493863.09	3854877.25	3.70E-03	4.00E-03	6.38E-03	1.28E-06	3.87E-06	2.24E-06	2.42E-06	2.19E-06	1.00E-06	1.60E-06	4.28E-08	1.03E-06	2.28E-07	3.28E-07	5.21E-07	9.18E-08	8.38E-07	3.08E-06
4096	494363.09	3854877.25	2.86E-03	3.09E-03	4.92E-03	9.90E-07	2.99E-06	1.73E-06	1.87E-06	1.69E-06	7.73E-07	1.23E-06	3.31E-08	7.99E-07	1.76E-07	2.54E-07	4.03E-07	7.09E-08	6.47E-07	2.38E-06
4097	494863.09	3854877.25	2.13E-03	2.30E-03	3.66E-03	7.37E-07	2.23E-06	1.29E-06	1.39E-06	1.26E-06	5.75E-07	9.17E-07	2.46E-08	5.94E-07	1.31E-07	1.89E-07	3.00E-07	5.28E-08	4.81E-07	1.77E-06
4098	495363.09	3854877.25	1.72E-03	1.86E-03	2.96E-03	5.96E-07	1.80E-06	1.04E-06	1.13E-06	1.02E-06	4.65E-07	7.42E-07	1.99E-08	4.81E-07	1.06E-07	1.53E-07	2.42E-07	4.27E-08	3.89E-07	1.43E-06
4099	495863.09	3854877.25	1.50E-03	1.62E-03	2.58E-03	5.18E-07	1.56E-06	9.06E-07	9.78E-07	8.87E-07	4.05E-07	6.45E-07	1.73E-08	4.18E-07	9.23E-08	1.33E-07	2.11E-07	3.71E-08	3.38E-07	1.25E-06
4100	496363.09	3854877.25	1.22E-03	1.32E-03	2.11E-03	4.24E-07	1.28E-06	7.41E-07	8.00E-07	7.25E-07	3.31E-07	5.27E-07	1.42E-08	3.42E-07	7.55E-08	1.09E-07	1.72E-07	3.04E-08	2.77E-07	1.02E-06
4101	496863.09	3854877.25	1.06E-03	1.14E-03	1.82E-03	3.67E-07	1.11E-06	6.41E-07	6.92E-07	6.28E-07	2.86E-07	4.56E-07	1.22E-08	2.96E-07	6.53E-08	9.40E-08	1.49E-07	2.63E-08	2.40E-07	8.82E-07
4102	497363.09	3854877.25	1.00E-03	1.08E-03	1.72E-03	3.46E-07	1.04E-06	6.05E-07	6.53E-07	5.92E-07	2.70E-07	4.31E-07	1.16E-08	2.79E-07	6.16E-08	8.87E-08	1.41E-07	2.48E-08	2.26E-07	8.33E-07
4103	497863.09	3854877.25	1.07E-03	1.15E-03	1.84E-03	3.70E-07	1.12E-06	6.47E-07	6.99E-07	6.33E-07	2.89E-07	4.61E-07	1.24E-08	2.99E-07	6.59E-08	9.49E-08	1.51E-07	2.65E-08	2.42E-07	8.91E-07
4104	498363.09	3854877.25	1.03E-03	1.11E-03	1.77E-03	3.55E-07	1.07E-06	6.21E-07	6.71E-07	6.08E-07	2.78E-07	4.42E-07	1.19E-08	2.87E-07	6.33E-08	9.11E-08	1.45E-07	2.55E-08	2.32E-07	8.55E-07
4105	471363.09	3855377.25	3.21E-04	3.46E-04	5.50E-04	1.11E-07	3.35E-07	1.94E-07	2.10E-07	1.90E-07	8.67E-08	1.38E-07	3.71E-09	8.96E-08	1.98E-08	2.85E-08	4.51E-08	7.96E-09	7.22E-08	2.67E-07
4106	471863.09	3855377.25	3.37E-04	3.64E-04	5.78E-04	1.17E-07	3.52E-07	2.04E-07	2.20E-07	1.99E-07	9.10E-08	1.45E-07	3.89E-09	9.41E-08	2.08E-08	2.99E-08	4.74E-08	8.35E-09	7.59E-08	2.80E-07
4107	472363.09	3855377.25	3.67E-04	3.96E-04	6.29E-04	1.27E-07	3.83E-07	2.22E-07	2.39E-07	2.17E-07	9.90E-08	1.57E-07	4.24E-09	1.02E-07	2.26E-08	3.25E-08	5.16E-08	9.09E-09	8.26E-08	3.05E-07
4108	472863.09	3855377.25	3.84E-04	4.15E-04	6.59E-04	1.33E-07	4.02E-07	2.33E-07	2.51E-07	2.28E-07	1.04E-07	1.65E-07	4.44E-09	1.07E-07	2.37E-08	3.41E-08	5.41E-08	9.53E-09	8.66E-08	3.20E-07
4109	473363.09	3855377.25	4.28E-04	4.62E-04	7.35E-04	1.48E-07	4.48E-07	2.59E-07	2.80E-07	2.54E-07	1.16E-07	1.84E-07	4.95E-09	1.20E-07	2.64E-08	3.80E-08	6.03E-08	1.06E-08	9.65E-08	3.56E-07
4110	473863.09	3855377.25	4.67E-04	5.05E-04	8.02E-04	1.62E-07	4.89E-07	2.83E-07	3.05E-07	2.77E-07	1.26E-07	2.01E-07	5.40E-09	1.31E-07	2.88E-08	4.15E-08	6.58E-08	1.16E-08	1.05E-07	3.89E-07
4111	474363.09	3855377.25	5.03E-04	5.43E-04	8.64E-04	1.74E-07	5.26E-07	3.05E-07	3.29E-07	2.98E-07	1.36E-07	2.16E-07	5.82E-09	1.41E-07	3.10E-08	4.46E-08	7.08E-08	1.25E-08	1.14E-07	4.19E-07
4112	474863.09	3855377.25	4.33E-04	4.67E-04	7.43E-04	1.50E-07	4.53E-07	2.62E-07	2.83E-07	2.56E-07	1.17E-07	1.86E-07	5.01E-09	1.21E-07	2.67E-08	3.84E-08	6.09E-08	1.07E-08	9.76E-08	3.60E-07
4113	475363.09	3855377.25	2.31E-04	2.49E-04	3.96E-04	7.99E-08	2.41E-07	1.40E-07	1.51E-07	1.37E-07	6.24E-08	9.92E-08	2.67E-09	6.45E-08	1.42E-08	2.05E-08	3.25E-08	5.73E-09	5.20E-08	1.92E-07
4114	475863.09	3855377.25	1.87E-04	2.02E-04	3.22E-04	6.48E-08	1.96E-07	1.13E-07	1.22E-07	1.11E-07	5.06E-08	8.05E-08	2.16E-09	5.22E-08	1.15E-08	1.66E-08	2.63E-08	4.64E-09	4.23E-08	1.56E-07
4115	476363.09	3855377.25	2.19E-04	2.36E-04	3.76E-04	7.57E-08	2.29E-07	1.32E-07	1.43E-07	1.30E-07	5.91E-08	9.41E-08	2.53E-09	6.11E-08	1.35E-08	1.94E-08	3.08E-08	5.43E-09	4.94E-08	1.82E-07
4116	476863.09	3855377.25	2.19E-04	2.37E-04	3.76E-04	7.58E-08	2.29E-07	1.33E-07	1.43E-07	1.30E-07	5.92E-08	9.42E-08	2.53E-09	6.12E-08	1.35E-08	1.94E-08	3.08E-08	5.43E-09	4.94E-08	1.82E-07
4117	477363.09	3855377.25	2.45E-04	2.65E-04	4.21E-04	8.48E-08	2.56E-07	1.48E-07	1.60E-07	1.45E-07	6.62E-08	1.05E-07	2.83E-09	6.84E-08	1.51E-08	2.17E-08	3.45E-08	6.08E-09	5.53E-08	2.04E-07
4118	477863.09	3855377.25	3.15E-04	3.40E-04	5.41E-04	1.09E-07	3.30E-07	1.91E-07	2.06E-07	1.87E-07	8.52E-08	1.35E-07	3.64E-09	8.80E-08	1.94E-08	2.80E-08	4.44E-08	7.82E-09	7.10E-08	2.62E-07
4119	478363.09	3855377.25	4.06E-04	4.38E-04	6.96E-04	1.41E-07	4.25E-07	2.46E-07	2.65E-07	2.41E-07	1.10E-07	1.74E-07	4.70E-09	1.13E-07	2.50E-08	3.60E-08	5.71E-08	1.01E-08	9.14E-08	3.38E-07
4120	478863.09	3855377.25	5.15E-04	5.56E-04	8.82E-04	1.78E-07	5.38E-07	3.12E-07	3.36E-07	3.05E-07	1.39E-07	2.21E-07	5.95E-09	1.44E-07	3.17E-08	4.56E-08	7.24E-08	1.28E-08	1.16E-07	4.28E-07
4121	479363.09	3855377.25	6.98E-04	7.54E-04	1.19E-03	2.42E-07	7.30E-07	4.23E-07	4.56E-07	4.13E-07	1.89E-07	2.99E-07	8.07E-09	1.95E-07	4.30E-08	6.19E-08	9.82E-08	1.73E-08	1.57E-07	5.80E-07
4122	479863.09	3855377.25	9.27E-04	1.00E-03	1.58E-03	3.21E-07	9.69E-07	5.61E-07	6.05E-07	5.49E-07	2.50E-07	3.96E-07	1.07E-08	2.59E-07	5.71E-08	8.22E-08	1.30E-07	2.30E-08	2.08E-07	7.70E-07
4123	480363.09	3855377.25	1.43E-03	1.55E-03	2.44E-03	4.96E-07	1.50E-06	8.67E-07	9.35E-07	8.48E-07	3.87E-07	6.11E-07	1.66E-08	4.00E-07	8.83E-08	1.27E-07	2.01E-07	3.55E-08	3.21E-07	1.19E-06
4124	480863.09	3855377.25	2.47E-03	2.67E-03	4.22E-03	8.55E-07	2.58E-06	1.50E-06	1.61E-06	1.46E-06	6.67E-07	1.06E-06	2.86E-08	6.90E-07	1.52E-07	2.19E-07	3.47E-07	6.12E-08	5.54E-07	2.05E-06
4125	481363.09	3855377.25	4.05E-03	4.38E-03	6.95E-03	1.40E-06	4.24E-06	2.45E-06	2.65E-06	2.40E-06	1.10E-06	1.74E-06	4.69E-08	1.13E-06	2.50E-07	3.59E-07	5.70E-07	1.01E-07	9.13E-07	3.37E-06
4126	481863.09	3855377.25	5.87E-03	6.34E-03	1.01E-02	2.03E-06	6.14E-06	3.55E-06	3.84E-06	3.48E-06	1.59E-06	2.53E-06	6.79E-08	1.64E-06	3.62E-07	5.21E-07	8.26E-07	1.46E-07	1.33E-06	4.89E-06
4127	482363.09	3855377.25	7.99E-03	8.63E-03	1.37E-02	2.77E-06	8.35E-06	4.84E-06	5.22E-06	4.73E-06	2.16E-06	3.44E-06	9.24E-08	2.23E-06	4.92E-07	7.09E-07	1.12E-06	1.98E-07	1.80E-06	6.65E-06
4128	482863.09	3855377.25	1.21E-02	1.30E-02	2.06E-02	4.17E-06	1.26E-05	7.30E-06	7.88E-06	7.14E-06	3.26E-06	5.17E-06	1.39E-07	3.37E-06	7.43E-07	1.07E-06	1.70E-06	2.99E-07	2.71E-06	1.00E-05
4129	483363.09	3855377.25	2.02E-02	2.18E-02	3.42E-02	7.00E-06	2.11E-05	1.22E-05	1.32E-05	1.20E-05	5.45E-06	8.57E-06	2.34E-07	5.65E-06	1.25E-06	1.79E-06	2.84E-06	5.01E-07	4.50E-06	1.68E-05
4130	483863.09	3855377.25	8.45E-02	9.11E-02	1.43E-01	2.93E-05	8.84E-05	5.12E-05	5.51E-05	5.00E-05	2.28E-05	3.59E-05	9.77E-07	2.36E-05	5.21E-06	7.49E-06	1.19E-05	2.09E-06	1.88E-05	7.01E-05
4131	484363.09	3855377.25	1.19E-01	1.27E-01	1.95E-01	4.11E-05	1.24E-04	7.18E-05	7.71E-05	6.99E-05	3.19E-05	4.88E-05	1.37E-06	3.32E-05	7.32E-06	1.05E-05	1.66E-05	2.93E-06	2.56E-05	9.75E-05
4132	484863.09	3855377.25	5.39E-02	5.80E-02	9.01E-02	1.86E-05	5.63E-05	3.26E-05	3.51E-05	3.18E-05	1.45E-05	2.25E-05	6.22E-07	1.50E-05	3.32E-06	4.76E-06	7.55E-06	1.33E-06	1.18E-05	4.44E-05
4133	485363.09	3855377.25	3.11E-02	3.35E-02	5.24E-02	1.08E-05	3.25E-05	1.88E-05	2.03E-05	1.84E-05	8.39E-06	1.31E-05	3.60E-07	8.69E-06	1.92E-06	2.75E-06	4.37E-06	7.70E-07	6.88E-06	2.57E-05
4134	485863.09	3855377.25	2.21E-02	2.39E-02	3.75E-02	7.66E-06	2.31E-05	1.34E-05	1.44E-05	1.31E-05	5.97E-06	9.38E-06	2.56E-07	6.18E-06	1.36E-06	1.96E-06	3.11E-06	5.48E-07	4.92E-06	1.83E-05
4135	486363.09	3855377.25	1.61E-02	1.74E-02	2.74E-02	5.58E-06	1.69E-05	9.76E-06	1.05E-05	9.54E-06	4.35E-06	6.85E-06	1.86E-07	4.50E-06	9.94E-07	1.43E-06	2.27E-06	3.99E-07	3.60E-06	1.34E-05
4136	486863.09	3855377.25	1.27E-02	1.37E-02	2.16E-02	4.39E-06	1.32E-05	7.67E-06	8.27E-06	7.49E-06	3.42E-06	5.40E-06	1.46E-07	3.54E-06	7.81E-07	1.12E-06	1.78E-06	3.14E-07	2.83E-06	1.05E-05
4137	487363.09	3855377.25	1.18E-02	1.27E-02	2.01E-02	4.08E-06	1.23E-05	7.14E-06	7.70E-06	6.98E-06	3.19E-06	5.04E-06	1.36E-07	3.29E-06	7.27E-07	1.05E-06	1.66E-06	2.92E-07	2.65E-06	9.80E-06
4138	487863.09	3855377.25	1.10E-02	1.19E-02	1.89E-02	3.81E-06	1.15E-05	6.66E-06	7.19E-06	6.52E-06	2.97E-06	4.72E-06	1.27E-07	3.07E-06	6.79E-07	9.76E-07	1.55E-06	2.73E-07	2.48E-06	9.16E-06
4139	488363.09	3855377.25	1.03E-02	1.12E-02	1.78E-02	3.58E-06	1.08E-05	6.26E-06	6.76E-06	6.13E-06	2.80E-06	4.44E-06	1.20E-07	2.89E-06	6.38E-07	9.18E-07	1.46E-06	2.57E-07	2.33E-06	8.61E-06
4140	488863.09	3855377.25	9.71E-03	1.05E-02	1.67E-02	3.36E-06	1.01E-05	5.87E-06	6.34E-06	5.75E-06	2.62E-06	4.17E-06	1.12E-07	2.71E-06	5.98E-07	8.61E-07	1.37E-06	2.41E-07	2.19E-06	8.08E-06
4141	489363.09	3855377.25	8.97E-03	9.69E-03	1.54E-02	3.11E-06	9.38E-06	5.43E-06	5.86E-06	5.31E-06	2.42E-06	3.86E-06	1.04E-07	2.51E-06	5.53E-07	7.96E-07	1.26E-06	2.23E-07	2.03E-06	7.47E-06
4142	489863.09	3855377.25	8.10E-03	8.75E-03	1.39E-02	2.81E-06	8.47E-06	4.90E-06	5.30E-06	4.80E-06	2.19E-06	3.49E-06	9.37E-08	2.26E-06	4.99E-07	7.19E-07	1.14E-06	2.01E-07	1.83E-06	6.75E-06
4143	490363.09	3855377.25	7.69E-03	8.31E-03	1.32E-02	2.66E-06	8.04E-06	4.65E-06	5.03E-06	4.56E-06	2.08E-06	3.31E-06	8.89E-08	2.15E-06	4.74E-07	6.82E-07	1.08E-06	1.91E-07	1.74E-06	6.41E-06
4144	490863.09	3855377.25	4.98E-03	5.37E-03	8.54E-03	1.72E-06	5.20E-06	3.01E-06	3.25E-06	2.95E-06	1.34E-06	2.14E-06	5.75E-08	1.39E-06	3.07E-07	4.41E-07	7.00E-07	1.23E-07	1.12E-06	4.14E-06
4145	491363.09	3855377.25	4.24E-03	4.57E-03	7.27E-03	1.47E-06	4.43E-06	2.56E-06	2.77E-06	2.51E-06	1.14E-06	1.82E-06	4.90E-08	1.18E-06	2.61E-07	3.76E-07	5.96E-07	1.05E-07	9.55E-07	3.52E-06
4146	491863.09	3855377.25	5.90E-03	6.38E-03	1.02E-02	2.04E-06	6.17E-06	3.57E-06	3.86E-06	3.50E-06	1.60E-06	2.55E-06	6.83E-08	1.65E-06	3.64E-07	5.24E-07	8.31E-07	1.46E-07	1.34E-06	4.92E-06
4147	492363.09	3855377.25	5.64E-03	6.09E-03	9.72E-03	1.95E-06	5.89E-06	3.41E-06	3.69E-06	3.34E-06	1.52E-06	2.43E-06	6.52E-08	1.57E-06	3.47E-07	5.00E-07	7.94E-07	1.40E-07	1.28E-06	4.70E-06
4148	492863.09	3855377.25	5.16E-03	5.58E-03	8.90E-03	1.79E-06	5.39E-06	3.12E-06	3.37E-06	3.06E-06	1.40E-06	2.23E-06	5.97E-08	1.44E-06	3.18E-07	4.58E-07	7.27E-07	1.28E-07	1.17E-06	4.30E-06
4149	493363.09	3855377.25	4.46E-03	4.82E-03	7.69E-03	1.55E-06	4.67E-06	2.70E-06	2.92E-06	2.64E-06	1.21E-06	1.93E-06	5.16E-08	1.25E-06	2.75E-07	3.96E-07	6.28E-07	1.11E-07	1.01E-06	3.72E-06
4150	493863.09	3855377.25	3.45E-03	3.72E-03	5.93E-03	1.19E-06	3.60E-06	2.09E-06	2.25E-06	2.04E-06	9.32E-07	1.49E-06	3.98E-08	9.63E-07	2.12E-07	3.06E-07	4.85E-07	8.55E-08	7.80E-07	2.87E-06
4151	494363.09	3855377.25	2.57E-03	2.78E-03	4.43E-03	8.90E-07	2.69E-06	1.56E-06	1.68E-06	1.52E-06	6.95E-07	1.11E-06	2.97E-08	7.18E-07	1.58E-07	2.28E-07	3.62E-07	6.38E-08	5.81E-07	2.14E-06
4152	494863.09	3855377.25	1.91E-03	2.07E-03	3.29E-03	6.63E-07	2.00E-06	1.16E-06	1.25E-06	1.13E-06	5.17E-07	8.24E-07	2.21E-08	5.34E-07	1.18E-07	1.70E-07	2.69E-07	4.75E-08	4.32E-07	1.59E-06
4153	495363.09	3855377.25	1.51E-03	1.63E-03	2.59E-03	5.21E-07	1.57E-06	9.11E-07	9.84E-07	8.92E-07	4.07E-07	6.48E-07	1.74E-08	4.21E-07	9.28E-08	1.34E-07	2.12E-07	3.74E-08	3.40E-07	1.25E-06
4154	495863.09	3855377.25	1.25E-03	1.35E-03	2.14E-03	4.31E-07	1.30E-06	7.54E-07	8.14E-07	7.38E-07	3.37E-07	5.36E-07	1.44E-08	3.48E-07	7.68E-08	1.11E-07	1.75E-07	3.09E-08	2.81E-07	1.04E-06
4155	496363.09	3855377.25	1.17E-03	1.26E-03	2.01E-03	4.04E-07	1.22E-06	7.07E-07	7.63E-07	6.92E-07	3.16E-07	5.03E-07	1.35E-08	3.26E-07	7.20E-08	1.04E-07	1.64E-07	2.90E-08	2.64E-07	9.72E-07
4156	496863.09	3855377.25	1.11E-03	1.20E-03	1.91E-03	3.84E-07	1.16E-06	6.71E-07	7.25E-07	6.57E-07	3.00E-07	4.78E-07	1.28E-08	3.10E-07	6.84E-08	9.85E-08	1.56E-07	2.75E-08	2.51E-07	9.24E-07
4157	497363.09	3855377.25	1.09E-03	1.18E-03	1.88E-03	3.78E-07	1.14E-06	6.61E-07	7.14E-07	6.48E-07	2.95E-07	4.71E-07	1.26E-08	3.05E-07	6.74E-08	9.70E-08	1.54E-07	2.71E-08	2.47E-07	9.10E-07
4158	497863.09	3855377.25	1.12E-03	1.21E-03	1.92E-03	3.87E-07	1.17E-06	6.77E-07	7.31E-07	6.63E-07	3.02E-07	4.82E-07	1.29E-08	3.12E-07	6.89E-08	9.93E-08	1.57E-07	2.77E-08	2.53E-07	9.32E-07
4159	498363.09	3855377.25	1.16E-03	1.25E-03	1.99E-03	4.00E-07	1.21E-06	6.99E-07	7.55E-07	6.84E-07	3.12E-07	4.98E-07	1.34E-08	3.23E-07	7.12E-08	1.02E-07	1.63E-07	2.87E-08	2.61E-07	9.62E-07
4160	471363.09	3855877.25	3.30E-04	3.56E-04	5.66E-04	1.14E-07	3.45E-07	2.00E-07	2.16E-07	1.95E-07	8.92E-08	1.42E-07	3.82E-09	9.22E-08	2.03E-08	2.93E-08	4.64E-08	8.18E-09	7.43E-08	2.75E-07
4161	471863.09	3855877.25	3.46E-04	3.74E-04	5.93E-04	1.20E-07	3.62E-07	2.10E-07	2.26E-07	2.05E-07	9.35E-08	1.49E-07	4.00E-09	9.67E-08	2.13E-08	3.07E-08	4.87E-08	8.58E-09	7.80E-08	2.88E-07
4162	472363.09	3855877.25	3.84E-04	4.14E-04	6.58E-04	1.33E-07	4.01E-07	2.32E-07	2.51E-07	2.27E-07	1.04E-07	1.65E-07	4.43E-09	1.07E-07	2.36E-08	3.40E-08	5.40E-08	9.51E-09	8.64E-08	3.19E-07
4163	472863.09	3855877.25	3.94E-04	4.25E-04	6.74E-04	1.36E-07	4.11E-07	2.38E-07	2.57E-07	2.33E-07	1.06E-07	1.69E-07	4.55E-09	1.10E-07	2.42E-08	3.49E-08	5.54E-08	9.76E-09	8.86E-08	3.27E-07
4164	473363.09	3855877.25	4.45E-04	4.80E-04	7.63E-04	1.54E-07	4.65E-07	2.69E-07	2.91E-07	2.64E-07	1.20E-07	1.91E-07	5.15E-09	1.24E-07	2.74E-08	3.95E-08	6.26E-08	1.10E-08	1.00E-07	3.70E-07
4165	473863.09	3855877.25	4.87E-04	5.25E-04	8.33E-04	1.68E-07	5.09E-07	2.94E-07	3.18E-07	2.88E-07	1.31E-07	2.09E-07	5.62E-09	1.36E-07	3.00E-08	4.31E-08	6.84E-08	1.21E-08	1.09E-07	4.05E-07
4166	474363.09	3855877.25	5.16E-04	5.56E-04	8.83E-04	1.78E-07	5.39E-07	3.12E-07	3.37E-07	3.05E-07	1.39E-07	2.21E-07	5.96E-09	1.44E-07	3.18E-08	4.57E-08	7.25E-08	1.28E-08	1.16E-07	4.29E-07
4167	474863.09	3855877.25	4.10E-04	4.43E-04	7.02E-04	1.42E-07	4.29E-07	2.48E-07	2.68E-07	2.43E-07	1.11E-07	1.76E-07	4.74E-09	1.15E-07	2.53E-08	3.64E-08	5.77E-08	1.02E-08	9.22E-08	3.41E-07
4168	475363.09	3855877.25	2.74E-04	2.95E-04	4.69E-04	9.47E-08	2.86E-07	1.66E-07	1.79E-07	1.62E-07	7.39E-08	1.17E-07	3.16E-09	7.64E-08	1.69E-08	2.43E-08	3.85E-08	6.78E-09	6.15E-08	2.28E-07
4169	475863.09	3855877.25	1.43E-04	1.54E-04	2.46E-04	4.95E-08	1.49E-07	8.65E-08	9.34E-08	8.46E-08	3.86E-08	6.15E-08	1.65E-09	3.99E-08	8.80E-09	1.27E-08	2.01E-08	3.54E-09	3.23E-08	1.19E-07
4170	476363.09	3855877.25	1.54E-04	1.67E-04	2.66E-04	5.35E-08	1.61E-07	9.34E-08	1.01E-07	9.15E-08	4.17E-08	6.65E-08	1.79E-09	4.31E-08	9.51E-09	1.37E-08	2.17E-08	3.83E-09	3.49E-08	1.29E-07
4171	476863.09	3855877.25	2.22E-04	2.39E-04	3.80E-04	7.67E-08	2.32E-07	1.34E-07	1.45E-07	1.31E-07	5.99E-08	9.52E-08	2.56E-09	6.19E-08	1.37E-08	1.97E-08	3.12E-08	5.50E-09	4.99E-08	1.84E-07
4172	477363.09	3855877.25	2.66E-04	2.88E-04	4.57E-04	9.22E-08	2.78E-07	1.61E-07	1.74E-07	1.58E-07	7.20E-08	1.14E-07	3.08E-09	7.44E-08	1.64E-08	2.36E-08	3.75E-08	6.61E-09	6.00E-08	2.22E-07
4173	477863.09	3855877.25	3.29E-04	3.55E-04	5.64E-04	1.14E-07	3.44E-07	1.99E-07	2.15E-07	1.95E-07	8.89E-08	1.41E-07	3.80E-09	9.18E-08	2.03E-08	2.92E-08	4.63E-08	8.15E-09	7.40E-08	2.74E-07
4174	478363.09	3855877.25	4.14E-04	4.47E-04	7.08E-04	1.43E-07	4.33E-07	2.50E-07	2.70E-07	2.45E-07	1.12E-07	1.77E-07	4.78E-09	1.16E-07	2.55E-08	3.67E-08	5.82E-08	1.03E-08	9.30E-08	3.44E-07
4175	478863.09	3855877.25	5.51E-04	5.94E-04	9.41E-04	1.91E-07	5.76E-07	3.33E-07	3.60E-07	3.26E-07	1.49E-07	2.36E-07	6.37E-09	1.54E-07	3.39E-08	4.88E-08	7.74E-08	1.36E-08	1.24E-07	4.58E-07
4176	479363.09	3855877.25	7.59E-04	8.18E-04	1.30E-03	2.63E-07	7.93E-07	4.59E-07	4.95E-07	4.49E-07	2.05E-07	3.24E-07	8.77E-09	2.12E-07	4.67E-08	6.72E-08	1.07E-07	1.88E-08	1.70E-07	6.30E-07
4177	479863.09	3855877.25	1.03E-03	1.11E-03	1.76E-03	3.57E-07	1.08E-06	6.24E-07	6.73E-07	6.10E-07	2.79E-07	4.40E-07	1.19E-08	2.88E-07	6.36E-08	9.14E-08	1.45E-07	2.56E-08	2.31E-07	8.57E-07
4178	480363.09	3855877.25	1.52E-03	1.64E-03	2.59E-03	5.26E-07	1.59E-06	9.20E-07	9.92E-07	8.99E-07	4.10E-07	6.48E-07	1.76E-08	4.24E-07	9.37E-08	1.35E-07	2.14E-07	3.77E-08	3.40E-07	1.26E-06
4179	480863.09	3855877.25	2.39E-03	2.58E-03	4.08E-03	8.28E-07	2.50E-06	1.45E-06	1.56E-06	1.41E-06	6.45E-07	1.02E-06	2.76E-08	6.68E-07	1.47E-07	2.12E-07	3.36E-07	5.92E-08	5.36E-07	1.99E-06
4180	481363.09	3855877.25	2.76E-03	2.97E-03	4.69E-03	9.55E-07	2.88E-06	1.67E-06	1.80E-06	1.63E-06	7.44E-07	1.17E-06	3.19E-08	7.70E-07	1.70E-07	2.44E-07	3.88E-07	6.83E-08	6.16E-07	2.29E-06
4181	481863.09	3855877.25	5.33E-03	5.76E-03	9.13E-03	1.85E-06	5.58E-06	3.23E-06	3.48E-06	3.16E-06	1.44E-06	2.28E-06	6.17E-08	1.49E-06	3.29E-07	4.73E-07	7.50E-07	1.32E-07	1.20E-06	4.43E-06
4182	482363.09	3855877.25	6.83E-03	7.37E-03	1.17E-02	2.36E-06	7.14E-06	4.13E-06	4.46E-06	4.04E-06	1.84E-06	2.92E-06	7.89E-08	1.91E-06	4.21E-07	6.05E-07	9.60E-07	1.69E-07	1.53E-06	5.67E-06
4183	482863.09	3855877.25	9.19E-03	9.91E-03	1.57E-02	3.18E-06	9.60E-06	5.56E-06	6.00E-06	5.44E-06	2.48E-06	3.92E-06	1.06E-07	2.57E-06	5.66E-07	8.14E-07	1.29E-06	2.28E-07	2.06E-06	7.63E-06
4184	483363.09	3855877.25	1.28E-02	1.38E-02	2.17E-02	4.44E-06	1.34E-05	7.75E-06	8.36E-06	7.58E-06	3.46E-06	5.43E-06	1.48E-07	3.58E-06	7.90E-07	1.13E-06	1.80E-06	3.17E-07	2.85E-06	1.06E-05
4185	483863.09	3855877.25	1.96E-02	2.12E-02	3.30E-02	6.80E-06	2.05E-05	1.19E-05	1.28E-05	1.16E-05	5.29E-06	8.27E-06	2.27E-07	5.48E-06	1.21E-06	1.74E-06	2.76E-06	4.86E-07	4.34E-06	1.62E-05
4186	484363.09	3855877.25	5.38E-02	5.78E-02	8.85E-02	1.86E-05	5.62E-05	3.25E-05	3.50E-05	3.17E-05	1.45E-05	2.21E-05	6.22E-07	1.50E-05	3.31E-06	4.75E-06	7.53E-06	1.33E-06	1.16E-05	4.42E-05
4187	484863.09	3855877.25	1.57E-01	1.69E-01	2.69E-01	5.42E-05	1.64E-04	9.48E-05	1.02E-04	9.28E-05	4.23E-05	6.73E-05	1.81E-06	4.37E-05	9.65E-06	1.39E-05	2.20E-05	3.88E-06	3.53E-05	1.30E-04
4188	485363.09	3855877.25	7.01E-02	7.57E-02	1.20E-01	2.43E-05	7.33E-05	4.24E-05	4.58E-05	4.15E-05	1.90E-05	3.01E-05	8.11E-07	1.96E-05	4.32E-06	6.22E-06	9.87E-06	1.74E-06	1.58E-05	5.84E-05
4189	485863.09	3855877.25	3.84E-02	4.14E-02	6.58E-02	1.33E-05	4.01E-05	2.32E-05	2.51E-05	2.27E-05	1.04E-05	1.65E-05	4.44E-07	1.07E-05	2.37E-06	3.40E-06	5.40E-06	9.52E-07	8.64E-06	3.19E-05
4190	486363.09	3855877.25	2.51E-02	2.71E-02	4.30E-02	8.69E-06	2.62E-05	1.52E-05	1.64E-05	1.49E-05	6.78E-06	1.08E-05	2.90E-07	7.01E-06	1.55E-06	2.23E-06	3.53E-06	6.23E-07	5.65E-06	2.09E-05
4191	486863.09	3855877.25	1.94E-02	2.09E-02	3.32E-02	6.71E-06	2.03E-05	1.17E-05	1.27E-05	1.15E-05	5.24E-06	8.32E-06	2.24E-07	5.41E-06	1.19E-06	1.72E-06	2.73E-06	4.81E-07	4.36E-06	1.61E-05
4192	487363.09	3855877.25	1.74E-02	1.88E-02	2.98E-02	6.02E-06	1.82E-05	1.05E-05	1.14E-05	1.03E-05	4.70E-06	7.47E-06	2.01E-07	4.85E-06	1.07E-06	1.54E-06	2.45E-06	4.31E-07	3.92E-06	1.45E-05
4193	487863.09	3855877.25	1.58E-02	1.70E-02	2.71E-02	5.46E-06	1.65E-05	9.55E-06	1.03E-05	9.35E-06	4.27E-06	6.79E-06	1.82E-07	4.41E-06	9.73E-07	1.40E-06	2.22E-06	3.91E-07	3.56E-06	1.31E-05

4194	488363.09	3855877.25	1.42E-02	1.53E-02	2.44E-02	4.92E-06	1.48E-05	8.59E-06	9.28E-06	8.41E-06	3.84E-06	6.11E-06	1.64E-07	3.96E-06	8.75E-07	1.26E-06	2.00E-06	3.52E-07	3.21E-06	1.18E-05
4195	488863.09	3855877.25	1.29E-02	1.39E-02	2.22E-02	4.46E-06	1.35E-05	7.79E-06	8.42E-06	7.63E-06	3.48E-06	5.55E-06	1.49E-07	3.60E-06	7.94E-07	1.14E-06	1.81E-06	3.20E-07	2.91E-06	1.07E-05
4196	489363.09	3855877.25	1.17E-02	1.26E-02	2.01E-02	4.04E-06	1.22E-05	7.06E-06	7.63E-06	6.91E-06	3.15E-06	5.03E-06	1.35E-07	3.26E-06	7.19E-07	1.04E-06	1.64E-06	2.89E-07	2.64E-06	9.72E-06
4197	489863.09	3855877.25	1.06E-02	1.14E-02	1.82E-02	3.66E-06	1.11E-05	6.40E-06	6.91E-06	6.27E-06	2.86E-06	4.56E-06	1.22E-07	2.95E-06	6.52E-07	9.39E-07	1.49E-06	2.62E-07	2.39E-06	8.81E-06
4198	490363.09	3855877.25	9.67E-03	1.04E-02	1.67E-02	3.35E-06	1.01E-05	5.85E-06	6.32E-06	5.73E-06	2.61E-06	4.17E-06	1.12E-07	2.70E-06	5.96E-07	8.58E-07	1.36E-06	2.40E-07	2.19E-06	8.06E-06
4199	490863.09	3855877.25	8.61E-03	9.31E-03	1.49E-02	2.98E-06	9.00E-06	5.21E-06	5.63E-06	5.10E-06	2.33E-06	3.72E-06	9.96E-08	2.41E-06	5.31E-07	7.64E-07	1.21E-06	2.14E-07	1.95E-06	7.18E-06
4200	491363.09	3855877.25	7.16E-03	7.73E-03	1.23E-02	2.48E-06	7.48E-06	4.33E-06	4.68E-06	4.24E-06	1.93E-06	3.09E-06	8.27E-08	2.00E-06	4.41E-07	6.35E-07	1.01E-06	1.78E-07	1.62E-06	5.96E-06
4201	491863.09	3855877.25	7.22E-03	7.80E-03	1.25E-02	2.50E-06	7.55E-06	4.37E-06	4.72E-06	4.28E-06	1.95E-06	3.12E-06	8.35E-08	2.02E-06	4.45E-07	6.41E-07	1.02E-06	1.79E-07	1.64E-06	6.02E-06
4202	492363.09	3855877.25	6.44E-03	6.96E-03	1.11E-02	2.23E-06	6.73E-06	3.90E-06	4.21E-06	3.82E-06	1.74E-06	2.78E-06	7.45E-08	1.80E-06	3.97E-07	5.72E-07	9.07E-07	1.60E-07	1.46E-06	5.37E-06
4203	492863.09	3855877.25	5.80E-03	6.26E-03	1.00E-02	2.01E-06	6.06E-06	3.51E-06	3.79E-06	3.43E-06	1.57E-06	2.50E-06	6.70E-08	1.62E-06	3.57E-07	5.14E-07	8.16E-07	1.44E-07	1.31E-06	4.83E-06
4204	493363.09	3855877.25	4.42E-03	4.77E-03	7.62E-03	1.53E-06	4.62E-06	2.67E-06	2.89E-06	2.62E-06	1.19E-06	1.91E-06	5.11E-08	1.23E-06	2.72E-07	3.92E-07	6.22E-07	1.10E-07	1.00E-06	3.68E-06
4205	493863.09	3855877.25	3.15E-03	3.40E-03	5.42E-03	1.09E-06	3.29E-06	1.91E-06	2.06E-06	1.87E-06	8.51E-07	1.36E-06	3.64E-08	8.79E-07	1.94E-07	2.79E-07	4.43E-07	7.81E-08	7.12E-07	2.62E-06
4206	494363.09	3855877.25	2.25E-03	2.43E-03	3.87E-03	7.80E-07	2.35E-06	1.36E-06	1.47E-06	1.33E-06	6.09E-07	9.70E-07	2.60E-08	6.29E-07	1.39E-07	2.00E-07	3.17E-07	5.59E-08	5.09E-07	1.88E-06
4207	494863.09	3855877.25	1.72E-03	1.86E-03	2.96E-03	5.96E-07	1.80E-06	1.04E-06	1.12E-06	1.02E-06	4.65E-07	7.41E-07	1.99E-08	4.81E-07	1.06E-07	1.53E-07	2.42E-07	4.27E-08	3.89E-07	1.43E-06
4208	495363.09	3855877.25	1.26E-03	1.36E-03	2.16E-03	4.35E-07	1.31E-06	7.61E-07	8.21E-07	7.45E-07	3.40E-07	5.41E-07	1.45E-08	3.51E-07	7.75E-08	1.12E-07	1.77E-07	3.12E-08	2.84E-07	1.05E-06
4209	495863.09	3855877.25	1.19E-03	1.28E-03	2.04E-03	4.12E-07	1.24E-06	7.19E-07	7.77E-07	7.04E-07	3.21E-07	5.12E-07	1.37E-08	3.32E-07	7.33E-08	1.05E-07	1.67E-07	2.95E-08	2.68E-07	9.90E-07
4210	496363.09	3855877.25	1.14E-03	1.24E-03	1.97E-03	3.96E-07	1.20E-06	6.93E-07	7.48E-07	6.78E-07	3.09E-07	4.93E-07	1.32E-08	3.20E-07	7.05E-08	1.02E-07	1.61E-07	2.84E-08	2.59E-07	9.53E-07
4211	496863.09	3855877.25	1.15E-03	1.24E-03	1.98E-03	3.98E-07	1.20E-06	6.96E-07	7.51E-07	6.81E-07	3.11E-07	4.95E-07	1.33E-08	3.21E-07	7.08E-08	1.02E-07	1.62E-07	2.85E-08	2.60E-07	9.57E-07
4212	497363.09	3855877.25	1.16E-03	1.26E-03	2.00E-03	4.03E-07	1.22E-06	7.04E-07	7.61E-07	6.89E-07	3.15E-07	5.01E-07	1.35E-08	3.25E-07	7.17E-08	1.03E-07	1.64E-07	2.89E-08	2.63E-07	9.69E-07
4213	497863.09	3855877.25	1.20E-03	1.30E-03	2.06E-03	4.15E-07	1.25E-06	7.26E-07	7.84E-07	7.11E-07	3.24E-07	5.17E-07	1.39E-08	3.35E-07	7.39E-08	1.06E-07	1.69E-07	2.98E-08	2.71E-07	9.99E-07
4214	498363.09	3855877.25	1.32E-03	1.43E-03	2.27E-03	4.57E-07	1.38E-06	7.99E-07	8.62E-07	7.82E-07	3.57E-07	5.68E-07	1.53E-08	3.69E-07	8.13E-08	1.17E-07	1.86E-07	3.27E-08	2.98E-07	1.10E-06
4215	471363.09	3856377.25	3.39E-04	3.66E-04	5.81E-04	1.17E-07	3.55E-07	2.05E-07	2.22E-07	2.01E-07	9.17E-08	1.45E-07	3.92E-09	9.47E-08	2.09E-08	3.01E-08	4.77E-08	8.41E-09	7.63E-08	2.82E-07
4216	471863.09	3856377.25	3.53E-04	3.81E-04	6.05E-04	1.22E-07	3.69E-07	2.14E-07	2.31E-07	2.09E-07	9.55E-08	1.51E-07	4.09E-09	9.87E-08	2.18E-08	3.13E-08	4.97E-08	8.76E-09	7.94E-08	2.94E-07
4217	472363.09	3856377.25	3.81E-04	4.12E-04	6.53E-04	1.32E-07	3.99E-07	2.31E-07	2.49E-07	2.26E-07	1.03E-07	1.63E-07	4.41E-09	1.07E-07	2.35E-08	3.38E-08	5.36E-08	9.46E-09	8.57E-08	3.17E-07
4218	472863.09	3856377.25	4.18E-04	4.51E-04	7.15E-04	1.45E-07	4.37E-07	2.53E-07	2.73E-07	2.47E-07	1.13E-07	1.79E-07	4.83E-09	1.17E-07	2.57E-08	3.70E-08	5.87E-08	1.04E-08	9.39E-08	3.47E-07
4219	473363.09	3856377.25	4.50E-04	4.86E-04	7.70E-04	1.56E-07	4.71E-07	2.72E-07	2.94E-07	2.66E-07	1.22E-07	1.93E-07	5.20E-09	1.26E-07	2.77E-08	3.99E-08	6.33E-08	1.12E-08	1.01E-07	3.74E-07
4220	473863.09	3856377.25	5.09E-04	5.50E-04	8.72E-04	1.76E-07	5.32E-07	3.08E-07	3.33E-07	3.01E-07	1.38E-07	2.18E-07	5.89E-09	1.42E-07	3.14E-08	4.52E-08	7.16E-08	1.26E-08	1.14E-07	4.23E-07
4221	474363.09	3856377.25	5.03E-04	5.42E-04	8.60E-04	1.74E-07	5.25E-07	3.04E-07	3.28E-07	2.97E-07	1.36E-07	2.15E-07	5.81E-09	1.40E-07	3.10E-08	4.46E-08	7.07E-08	1.25E-08	1.13E-07	4.18E-07
4222	474863.09	3856377.25	4.71E-04	5.08E-04	8.05E-04	1.63E-07	4.92E-07	2.85E-07	3.08E-07	2.79E-07	1.27E-07	2.02E-07	5.45E-09	1.32E-07	2.90E-08	4.18E-08	6.63E-08	1.17E-08	1.06E-07	3.92E-07
4223	475363.09	3856377.25	3.77E-04	4.07E-04	6.45E-04	1.31E-07	3.94E-07	2.28E-07	2.46E-07	2.23E-07	1.02E-07	1.61E-07	4.36E-09	1.05E-07	2.32E-08	3.34E-08	5.31E-08	9.35E-09	8.47E-08	3.13E-07
4224	475863.09	3856377.25	2.70E-04	2.92E-04	4.62E-04	9.36E-08	2.83E-07	1.64E-07	1.77E-07	1.60E-07	7.30E-08	1.16E-07	3.13E-09	7.55E-08	1.67E-08	2.40E-08	3.80E-08	6.70E-09	6.07E-08	2.25E-07
4225	476363.09	3856377.25	2.61E-04	2.82E-04	4.47E-04	9.04E-08	2.73E-07	1.58E-07	1.71E-07	1.55E-07	7.05E-08	1.12E-07	3.02E-09	7.29E-08	1.61E-08	2.32E-08	3.67E-08	6.47E-09	5.87E-08	2.17E-07
4226	476863.09	3856377.25	2.72E-04	2.94E-04	4.66E-04	9.43E-08	2.85E-07	1.65E-07	1.78E-07	1.61E-07	7.35E-08	1.17E-07	3.15E-09	7.60E-08	1.68E-08	2.41E-08	3.83E-08	6.75E-09	6.12E-08	2.26E-07
4227	477363.09	3856377.25	2.96E-04	3.20E-04	5.06E-04	1.03E-07	3.10E-07	1.79E-07	1.93E-07	1.75E-07	8.00E-08	1.27E-07	3.42E-09	8.27E-08	1.83E-08	2.63E-08	4.17E-08	7.34E-09	6.65E-08	2.46E-07
4228	477863.09	3856377.25	2.54E-04	2.74E-04	4.34E-04	8.78E-08	2.65E-07	1.54E-07	1.66E-07	1.50E-07	6.85E-08	1.09E-07	2.93E-09	7.08E-08	1.56E-08	2.25E-08	3.57E-08	6.29E-09	5.70E-08	2.11E-07
4229	478363.09	3856377.25	2.38E-04	2.56E-04	4.06E-04	8.22E-08	2.48E-07	1.44E-07	1.55E-07	1.41E-07	6.41E-08	1.02E-07	2.75E-09	6.63E-08	1.46E-08	2.11E-08	3.34E-08	5.89E-09	5.34E-08	1.97E-07
4230	478863.09	3856377.25	4.38E-04	4.72E-04	7.48E-04	1.52E-07	4.58E-07	2.65E-07	2.86E-07	2.59E-07	1.18E-07	1.87E-07	5.06E-09	1.22E-07	2.70E-08	3.88E-08	6.15E-08	1.08E-08	9.82E-08	3.64E-07
4231	479363.09	3856377.25	5.77E-04	6.22E-04	9.84E-04	2.00E-07	6.03E-07	3.49E-07	3.76E-07	3.41E-07	1.56E-07	2.46E-07	6.66E-09	1.61E-07	3.55E-08	5.11E-08	8.11E-08	1.43E-08	1.29E-07	4.79E-07
4232	479863.09	3856377.25	9.87E-04	1.06E-03	1.68E-03	3.42E-07	1.03E-06	5.97E-07	6.44E-07	5.84E-07	2.66E-07	4.21E-07	1.14E-08	2.76E-07	6.08E-08	8.75E-08	1.39E-07	2.45E-08	2.21E-07	8.19E-07
4233	480363.09	3856377.25	1.64E-03	1.77E-03	2.80E-03	5.68E-07	1.72E-06	9.94E-07	1.07E-06	9.72E-07	4.43E-07	7.00E-07	1.90E-08	4.59E-07	1.01E-07	1.46E-07	2.31E-07	4.07E-08	3.68E-07	1.36E-06
4234	480863.09	3856377.25	2.41E-03	2.60E-03	4.11E-03	8.34E-07	2.52E-06	1.46E-06	1.57E-06	1.43E-06	6.50E-07	1.03E-06	2.78E-08	6.72E-07	1.48E-07	2.13E-07	3.39E-07	5.97E-08	5.40E-07	2.00E-06
4235	481363.09	3856377.25	3.46E-03	3.73E-03	5.92E-03	1.20E-06	3.62E-06	2.09E-06	2.26E-06	2.05E-06	9.35E-07	1.48E-06	4.00E-08	9.66E-07	2.13E-07	3.07E-07	4.87E-07	8.58E-08	7.77E-07	2.88E-06
4236	481863.09	3856377.25	4.83E-03	5.21E-03	8.27E-03	1.67E-06	5.05E-06	2.92E-06	3.15E-06	2.86E-06	1.30E-06	2.07E-06	5.58E-08	1.35E-06	2.98E-07	4.28E-07	6.79E-07	1.20E-07	1.09E-06	4.01E-06
4237	482363.09	3856377.25	5.89E-03	6.35E-03	1.00E-02	2.04E-06	6.16E-06	3.56E-06	3.84E-06	3.48E-06	1.59E-06	2.51E-06	6.81E-08	1.64E-06	3.63E-07	5.22E-07	8.28E-07	1.46E-07	1.32E-06	4.89E-06
4238	482863.09	3856377.25	7.43E-03	8.02E-03	1.26E-02	2.57E-06	7.77E-06	4.50E-06	4.85E-06	4.40E-06	2.01E-06	3.16E-06	8.59E-08	2.08E-06	4.58E-07	6.59E-07	1.04E-06	1.84E-07	1.66E-06	6.17E-06
4239	483363.09	3856377.25	9.53E-03	1.03E-02	1.61E-02	3.30E-06	9.96E-06	5.77E-06	6.22E-06	5.64E-06	2.57E-06	4.04E-06	1.10E-07	2.66E-06	5.87E-07	8.44E-07	1.34E-06	2.36E-07	2.12E-06	7.90E-06
4240	483863.09	3856377.25	1.29E-02	1.39E-02	2.17E-02	4.45E-06	1.34E-05	7.78E-06	8.38E-06	7.60E-06	3.47E-06	5.43E-06	1.49E-07	3.59E-06	7.92E-07	1.14E-06	1.81E-06	3.18E-07	2.85E-06	1.06E-05
4241	484363.09	3856377.25	1.87E-02	2.02E-02	3.14E-02	6.48E-06	1.96E-05	1.13E-05	1.22E-05	1.11E-05	5.05E-06	7.85E-06	2.17E-07	5.23E-06	1.15E-06	1.66E-06	2.63E-06	4.63E-07	4.12E-06	1.55E-05
4242	484863.09	3856377.25	3.87E-02	4.15E-02	6.33E-02	1.34E-05	4.04E-05	2.34E-05	2.51E-05	2.28E-05	1.04E-05	1.58E-05	4.47E-07	1.08E-05	2.38E-06	3.41E-06	5.41E-06	9.53E-07	8.31E-06	3.17E-05
4243	485363.09	3856377.25	1.45E-01	1.56E-01	2.45E-01	5.01E-05	1.51E-04	8.76E-05	9.44E-05	8.56E-05	3.91E-05	6.14E-05	1.67E-06	4.04E-05	8.92E-06	1.28E-05	2.03E-05	3.58E-06	3.22E-05	1.20E-04
4244	485863.09	3856377.25	8.84E-02	9.56E-02	1.54E-01	3.06E-05	9.24E-05	5.35E-05	5.79E-05	5.25E-05	2.39E-05	3.86E-05	1.02E-06	2.47E-05	5.45E-06	7.86E-06	1.25E-05	2.20E-06	2.02E-05	7.39E-05
4245	486363.09	3856377.25	3.90E-02	4.21E-02	6.74E-02	1.35E-05	4.07E-05	2.36E-05	2.55E-05	2.31E-05	1.05E-05	1.69E-05	4.51E-07	1.09E-05	2.40E-06	3.46E-06	5.49E-06	9.68E-07	8.86E-06	3.25E-05
4246	486863.09	3856377.25	2.98E-02	3.22E-02	5.14E-02	1.03E-05	3.12E-05	1.80E-05	1.95E-05	1.77E-05	8.06E-06	1.29E-05	3.45E-07	8.32E-06	1.84E-06	2.65E-06	4.20E-06	7.40E-07	6.76E-06	2.48E-05
4247	487363.09	3856377.25	2.50E-02	2.70E-02	4.31E-02	8.65E-06	2.61E-05	1.51E-05	1.63E-05	1.48E-05	6.76E-06	1.08E-05	2.89E-07	6.98E-06	1.54E-06	2.22E-06	3.52E-06	6.20E-07	5.66E-06	2.08E-05
4248	487863.09	3856377.25	2.17E-02	2.34E-02	3.74E-02	7.50E-06	2.27E-05	1.31E-05	1.42E-05	1.28E-05	5.86E-06	9.35E-06	2.51E-07	6.05E-06	1.34E-06	1.92E-06	3.05E-06	5.38E-07	4.91E-06	1.81E-05
4249	488363.09	3856377.25	1.88E-02	2.03E-02	3.24E-02	6.51E-06	1.96E-05	1.14E-05	1.23E-05	1.11E-05	5.08E-06	8.11E-06	2.17E-07	5.25E-06	1.16E-06	1.67E-06	2.65E-06	4.66E-07	4.26E-06	1.57E-05
4250	488863.09	3856377.25	1.65E-02	1.78E-02	2.84E-02	5.70E-06	1.72E-05	9.97E-06	1.08E-05	9.76E-06	4.45E-06	7.11E-06	1.90E-07	4.60E-06	1.02E-06	1.46E-06	2.32E-06	4.09E-07	3.73E-06	1.37E-05
4251	489363.09	3856377.25	1.45E-02	1.57E-02	2.51E-02	5.04E-06	1.52E-05	8.80E-06	9.51E-06	8.62E-06	3.93E-06	6.28E-06	1.68E-07	4.06E-06	8.96E-07	1.29E-06	2.05E-06	3.61E-07	3.30E-06	1.21E-05
4252	489863.09	3856377.25	1.29E-02	1.40E-02	2.23E-02	4.48E-06	1.35E-05	7.82E-06	8.45E-06	7.66E-06	3.50E-06	5.59E-06	1.49E-07	3.61E-06	7.97E-07	1.15E-06	1.82E-06	3.21E-07	2.93E-06	1.08E-05
4253	490363.09	3856377.25	1.15E-02	1.24E-02	1.98E-02	3.97E-06	1.20E-05	6.94E-06	7.50E-06	6.80E-06	3.10E-06	4.96E-06	1.33E-07	3.20E-06	7.07E-07	1.02E-06	1.61E-06	2.85E-07	2.60E-06	9.56E-06
4254	490863.09	3856377.25	1.02E-02	1.10E-02	1.76E-02	3.53E-06	1.07E-05	6.17E-06	6.67E-06	6.05E-06	2.76E-06	4.41E-06	1.18E-07	2.85E-06	6.28E-07	9.05E-07	1.44E-06	2.53E-07	2.31E-06	8.50E-06
4255	491363.09	3856377.25	9.14E-03	9.88E-03	1.58E-02	3.16E-06	9.55E-06	5.53E-06	5.98E-06	5.42E-06	2.47E-06	3.95E-06	1.06E-07	2.55E-06	5.63E-07	8.11E-07	1.29E-06	2.27E-07	2.07E-06	7.62E-06
4256	491863.09	3856377.25	8.14E-03	8.79E-03	1.41E-02	2.82E-06	8.51E-06	4.92E-06	5.32E-06	4.82E-06	2.20E-06	3.52E-06	9.41E-08	2.27E-06	5.01E-07	7.22E-07	1.15E-06	2.02E-07	1.85E-06	6.79E-06
4257	492363.09	3856377.25	7.09E-03	7.66E-03	1.23E-02	2.45E-06	7.41E-06	4.29E-06	4.63E-06	4.20E-06	1.92E-06	3.07E-06	8.19E-08	1.98E-06	4.37E-07	6.29E-07	9.98E-07	1.76E-07	1.61E-06	5.91E-06
4258	492863.09	3856377.25	5.66E-03	6.12E-03	9.77E-03	1.96E-06	5.92E-06	3.43E-06	3.70E-06	3.35E-06	1.53E-06	2.45E-06	6.54E-08	1.58E-06	3.49E-07	5.02E-07	7.97E-07	1.40E-07	1.28E-06	4.72E-06
4259	493363.09	3856377.25	3.63E-03	3.92E-03	6.26E-03	1.26E-06	3.80E-06	2.20E-06	2.37E-06	2.15E-06	9.82E-07	1.57E-06	4.20E-08	1.01E-06	2.24E-07	3.22E-07	5.11E-07	9.01E-08	8.22E-07	3.03E-06
4260	493863.09	3856377.25	2.81E-03	3.04E-03	4.84E-03	9.74E-07	2.94E-06	1.70E-06	1.84E-06	1.67E-06	7.60E-07	1.21E-06	3.25E-08	7.85E-07	1.73E-07	2.50E-07	3.96E-07	6.98E-08	6.36E-07	2.34E-06
4261	494363.09	3856377.25	2.06E-03	2.23E-03	3.55E-03	7.14E-07	2.16E-06	1.25E-06	1.35E-06	1.22E-06	5.57E-07	8.88E-07	2.38E-08	5.76E-07	1.27E-07	1.83E-07	2.90E-07	5.11E-08	4.66E-07	1.72E-06
4262	494863.09	3856377.25	1.56E-03	1.68E-03	2.68E-03	5.39E-07	1.63E-06	9.42E-07	1.02E-06	9.22E-07	4.21E-07	6.70E-07	1.80E-08	4.35E-07	9.59E-08	1.38E-07	2.19E-07	3.86E-08	3.52E-07	1.30E-06
4263	495363.09	3856377.25	1.26E-03	1.36E-03	2.16E-03	4.36E-07	1.32E-06	7.62E-07	8.23E-07	7.46E-07	3.40E-07	5.42E-07	1.46E-08	3.52E-07	7.76E-08	1.12E-07	1.77E-07	3.12E-08	2.84E-07	1.05E-06
4264	495863.09	3856377.25	1.18E-03	1.28E-03	2.03E-03	4.09E-07	1.23E-06	7.15E-07	7.72E-07	7.00E-07	3.19E-07	5.08E-07	1.37E-08	3.30E-07	7.28E-08	1.05E-07	1.66E-07	2.93E-08	2.67E-07	9.83E-07
4265	496363.09	3856377.25	1.16E-03	1.25E-03	1.99E-03	4.01E-07	1.21E-06	7.00E-07	7.56E-07	6.85E-07	3.13E-07	4.98E-07	1.34E-08	3.23E-07	7.13E-08	1.03E-07	1.63E-07	2.87E-08	2.61E-07	9.63E-07
4266	496863.09	3856377.25	1.21E-03	1.31E-03	2.08E-03	4.19E-07	1.26E-06	7.32E-07	7.91E-07	7.17E-07	3.27E-07	5.21E-07	1.40E-08	3.38E-07	7.46E-08	1.07E-07	1.70E-07	3.00E-08	2.73E-07	1.01E-06
4267	497363.09	3856377.25	1.25E-03	1.35E-03	2.15E-03	4.32E-07	1.31E-06	7.56E-07	8.16E-07	7.40E-07	3.38E-07	5.38E-07	1.44E-08	3.49E-07	7.70E-08	1.11E-07	1.76E-07	3.10E-08	2.82E-07	1.04E-06
4268	497863.09	3856377.25	1.33E-03	1.44E-03	2.29E-03	4.61E-07	1.39E-06	8.06E-07	8.71E-07	7.89E-07	3.60E-07	5.74E-07	1.54E-08	3.72E-07	8.21E-08	1.18E-07	1.88E-07	3.31E-08	3.01E-07	1.11E-06
4269	498363.09	3856377.25	1.45E-03	1.56E-03	2.49E-03	5.02E-07	1.51E-06	8.77E-07	9.47E-07	8.58E-07	3.92E-07	6.24E-07	1.67E-08	4.05E-07	8.93E-08	1.29E-07	2.04E-07	3.59E-08	3.27E-07	1.21E-06
4270	471363.09	3856877.25	3.53E-04	3.81E-04	6.04E-04	1.22E-07	3.69E-07	2.14E-07	2.31E-07	2.09E-07	9.54E-08	1.51E-07	4.08E-09	9.87E-08	2.18E-08	3.13E-08	4.97E-08	8.76E-09	7.93E-08	2.94E-07
4271	471863.09	3856877.25	3.63E-04	3.92E-04	6.21E-04	1.26E-07	3.80E-07	2.20E-07	2.37E-07	2.15E-07	9.81E-08	1.55E-07	4.20E-09	1.01E-07	2.24E-08	3.22E-08	5.11E-08	9.01E-09	8.16E-08	3.02E-07
4272	472363.09	3856877.25	3.90E-04	4.21E-04	6.67E-04	1.35E-07	4.08E-07	2.36E-07	2.55E-07	2.31E-07	1.05E-07	1.67E-07	4.51E-09	1.09E-07	2.41E-08	3.46E-08	5.49E-08	9.68E-09	8.76E-08	3.24E-07
4273	472863.09	3856877.25	4.19E-04	4.52E-04	7.16E-04	1.45E-07	4.38E-07	2.54E-07	2.74E-07	2.48E-07	1.13E-07	1.79E-07	4.84E-09	1.17E-07	2.58E-08	3.72E-08	5.89E-08	1.04E-08	9.41E-08	3.48E-07
4274	473363.09	3856877.25	4.75E-04	5.13E-04	8.12E-04	1.64E-07	4.97E-07	2.87E-07	3.10E-07	2.81E-07	1.28E-07	2.03E-07	5.49E-09	1.33E-07	2.93E-08	4.21E-08	6.68E-08	1.18E-08	1.07E-07	3.95E-07
4275	473863.09	3856877.25	5.11E-04	5.52E-04	8.74E-04	1.77E-07	5.34E-07	3.09E-07	3.34E-07	3.03E-07	1.38E-07	2.19E-07	5.91E-09	1.43E-07	3.15E-08	4.53E-08	7.19E-08	1.27E-08	1.15E-07	4.25E-07
4276	474363.09	3856877.25	4.99E-04	5.39E-04	8.53E-04	1.73E-07	5.22E-07	3.02E-07	3.26E-07	2.95E-07	1.35E-07	2.14E-07	5.77E-09	1.39E-07	3.07E-08	4.42E-08	7.02E-08	1.24E-08	1.12E-07	4.15E-07
4277	474863.09	3856877.25	4.63E-04	5.00E-04	7.92E-04	1.60E-07	4.84E-07	2.80E-07	3.03E-07	2.74E-07	1.25E-07	1.98E-07	5.36E-09	1.29E-07	2.86E-08	4.11E-08	6.52E-08	1.15E-08	1.04E-07	3.85E-07
4278	475363.09	3856877.25	3.92E-04	4.22E-04	6.69E-04	1.36E-07	4.09E-07	2.37E-07	2.56E-07	2.32E-07	1.06E-07	1.67E-07	4.53E-09	1.09E-07	2.41E-08	3.47E-08	5.51E-08	9.70E-09	8.78E-08	3.25E-07
4279	475863.09	3856877.25	3.95E-04	4.26E-04	6.74E-04	1.37E-07	4.13E-07	2.39E-07	2.58E-07	2.34E-07	1.07E-07	1.69E-07	4.57E-09	1.10E-07	2.43E-08	3.50E-08	5.55E-08	9.79E-09	8.86E-08	3.28E-07
4280	476363.09	3856877.25	3.47E-04	3.74E-04	5.91E-04	1.20E-07	3.62E-07	2.10E-07	2.26E-07	2.05E-07	9.36E-08	1.48E-07	4.01E-09	9.68E-08	2.14E-08	3.07E-08	4.87E-08	8.59E-09	7.77E-08	2.88E-07
4281	476863.09	3856877.25	3.39E-04	3.66E-04	5.78E-04	1.17E-07	3.54E-07	2.05E-07	2.21E-07	2.01E-07	9.16E-08	1.45E-07	3.92E-09	9.47E-08	2.09E-08	3.01E-08	4.77E-08	8.40E-09	7.60E-08	2.82E-07
4282	477363.09	3856877.25	3.09E-04	3.34E-04	5.28E-04	1.07E-07	3.23E-07	1.87E-07	2.02E-07	1.83E-07	8.35E-08	1.32E-07	3.57E-09	8.63E-08	1.91E-08	2.74E-08	4.35E-08	7.66E-09	6.93E-08	2.57E-07
4283	477863.09	3856877.25	2.28E-04	2.46E-04	3.89E-04	7.88E-08	2.38E-07	1.38E-07	1.49E-07	1.35E-07	6.15E-08	9.73E-08	2.63E-09	6.36E-08	1.40E-08	2.02E-08	3.20E-08	5.64E-09	5.11E-08	1.89E-07
4284	478363.09	3856877.25	2.11E-04	2.28E-04	3.60E-04	7.30E-08	2.21E-07	1.28E-07	1.38E-07	1.25E-07	5.70E-08	9.01E-08	2.44E-09	5.89E-08	1.30E-08	1.87E-08	2.97E-08	5.23E-09	4.73E-08	1.75E-07
4285	478863.09	3856877.25	2.66E-04	2.87E-04	4.54E-04	9.21E-08	2.78E-07	1.61E-07	1.74E-07	1.57E-07	7.18E-08	1.14E-07	3.08E-09	7.43E-08	1.64E-08	2.36E-08	3.74E-08	6.59E-09	5.96E-08	2.21E-07
4286	479363.09	3856877.25	3.57E-04	3.85E-04	6.09E-04	1.24E-07	3.73E-07	2.16E-07	2.33E-07	2.11E-07	9.64E-08	1.53E-07	4.13E-09	9.97E-08	2.20E-08	3.17E-08	5.02E-08	8.85E-09	8.00E-08	2.97E-07
4287	479863.09	3856877.25	8.79E-04	9.48E-04	1.50E-03	3.04E-07	9.19E-07	5.32E-07	5.74E-07	5.20E-07	2.37E-07	3.74E-07	1.02E-08	2.45E-07	5.42E-08	7.79E-08	1.24E-07	2.18E-08	1.96E-07	7.29E-07
4288	480363.09	3856877.25	1.57E-03	1.69E-03	2.67E-03	5.42E-07	1.64E-06	9.48E-07	1.02E-06	9.27E-07	4.23E-07	6.68E-07	1.81E-08	4.37E-07	9.65E-08	1.39E-07	2.20E-07	3.88E-08	3.50E-07	1.30E-06
4289	480863.09	3856877.25	2.46E-03	2.65E-03	4.20E-03	8.50E-07	2.57E-06	1.49E-06	1.60E-06	1.45E-06	6.63E-07	1.05E-06	2.84E-08	6.86E-07	1.51E-07	2.18E-07	3.45E-07	6.09E-08	5.51E-07	2.04E-06
4290	481363.09	3856877.25	3.32E-03	3.58E-03	5.68E-03	1.15E-06	3.47E-06	2.01E-06	2.17E-06	1.97E-06	8.97E-07	1.42E-06	3.84E-08	9.28E-07	2.05E-07	2.94E-07	4.67E-07	8.23E-08	7.46E-07	2.76E-06
4291	481863.09	3856877.25	4.13E-03	4.46E-03	7.05E-03	1.43E-06	4.32E-06	2.50E-06	2.70E-06	2.44E-06	1.12E-06	1.77E-06	4.77E-08	1.15E-06	2.54E-07	3.66E-07	5.81E-07	1.02E-07	9.27E-07	3.43E-06
4292	482363.09	3856877.25	5.09E-03	5.49E-03	8.67E-03	1.76E-06	5.32E-06	3.08E-06	3.32E-06	3.01E-06	1.37E-06	2.17E-06	5.88E-08	1.42E-06	3.14E-07	4.51E-07	7.15E-07	1.26E-07	1.14E-06	4.22E-06
4293	482863.09	3856877.25	6.10E-03	6.58E-03	1.04E-02	2.11E-06	6.38E-06	3.69E-06	3.98E-06	3.61E-06	1.65E-06	2.59E-06	7.05E-08	1.70E-06	3.76E-07	5.40E-07	8.57E-07	1.51E-07	1.36E-06	5.06E-06
4294	483363.09	3856877.25	7.49E-03	8.07E-03	1.27E-02	2.59E-06	7.83E-06	4.53E-06	4.88E-06	4.43E-06	2.02E-06	3.17E-06	8.66E-08	2.09E-06	4.61E-07	6.63E-07	1.05E-06	1.85E-07	1.66E-06	6.20E-06
4295	483863.09	3856877.25	9.46E-03	1.02E-02	1.60E-02	3.28E-06	9.89E-06	5.73E-06	6.17E-06	5.59E-06	2.55E-06	4.00E-06	1.09E-07	2.64E-06	5.83E-07	8.38E-07	1.33E-06	2.34E-07	2.10E-06	7.83E-06
4296	484363.09	3856877.25	1.25E-02	1.34E-02	2.10E-02	4.32E-06	1.31E-05	7.56E-06	8.14E-06	7.38E-06	3.37E-06	5.25E-06	1.44E-07	3.49E-06	7.69E-07	1.10E-06	1.75E-06	3.09E-07	2.76E-06	1.03E-05
4297	484863.09	3856877.25	1.75E-02	1.88E-02	2.92E-02	6.05E-06	1.83E-05	1.06E-05	1.14E-05	1.03E-05	4.70E-06	7.31E-06	2.02E-07	4.88E-06	1.08E-06	1.54E-06	2.45E-06	4.32E-07	3.83E-06	1.44E-05
4298	485363.09	3856877.25	3.26E-02	3.50E-02	5.36E-02	1.13E-05	3.40E-05	1.97E-05	2.12E-05	1.92E-05	8.76E-06	1.34E-05	3.76E-07	9.09E-06	2.01E-06	2.87E-06	4.56E-06	8.04E-07	7.05E-06	2.68E-05

4299	485863.09	3856877.25	1.32E-01	1.42E-01	2.20E-01	4.57E-05	1.38E-04	7.99E-05	8.59E-05	7.79E-05	3.55E-05	5.51E-05	1.53E-06	3.69E-05	8.13E-06	1.17E-05	1.85E-05	3.26E-06	2.89E-05	1.09E-04
4300	486363.09	3856877.25	8.22E-02	8.88E-02	1.42E-01	2.85E-05	8.59E-05	4.97E-05	5.37E-05	4.87E-05	2.22E-05	3.55E-05	9.50E-07	2.30E-05	5.07E-06	7.30E-06	1.16E-05	2.04E-06	1.86E-05	6.85E-05
4301	486863.09	3856877.25	4.88E-02	5.27E-02	8.44E-02	1.69E-05	5.10E-05	2.95E-05	3.19E-05	2.89E-05	1.32E-05	2.11E-05	5.64E-07	1.36E-05	3.01E-06	4.33E-06	6.87E-06	1.21E-06	1.11E-05	4.07E-05
4302	487363.09	3856877.25	3.67E-02	3.97E-02	6.35E-02	1.27E-05	3.84E-05	2.22E-05	2.40E-05	2.18E-05	9.93E-06	1.59E-05	4.24E-07	1.03E-05	2.26E-06	3.26E-06	5.17E-06	9.11E-07	8.34E-06	3.06E-05
4303	487863.09	3856877.25	2.92E-02	3.16E-02	5.05E-02	1.01E-05	3.05E-05	1.77E-05	1.91E-05	1.73E-05	7.90E-06	1.26E-05	3.38E-07	8.16E-06	1.80E-06	2.59E-06	4.12E-06	7.25E-07	6.64E-06	2.44E-05
4304	488363.09	3856877.25	2.41E-02	2.61E-02	4.17E-02	8.35E-06	2.52E-05	1.46E-05	1.58E-05	1.43E-05	6.52E-06	1.04E-05	2.79E-07	6.73E-06	1.49E-06	2.14E-06	3.39E-06	5.98E-07	5.47E-06	2.01E-05
4305	488863.09	3856877.25	2.02E-02	2.19E-02	3.50E-02	7.01E-06	2.12E-05	1.22E-05	1.32E-05	1.20E-05	5.47E-06	8.76E-06	2.34E-07	5.65E-06	1.25E-06	1.80E-06	2.85E-06	5.02E-07	4.60E-06	1.69E-05
4306	489363.09	3856877.25	1.73E-02	1.87E-02	3.00E-02	6.00E-06	1.81E-05	1.05E-05	1.13E-05	1.03E-05	4.69E-06	7.50E-06	2.00E-07	4.84E-06	1.07E-06	1.54E-06	2.44E-06	4.30E-07	3.94E-06	1.44E-05
4307	489863.09	3856877.25	1.50E-02	1.62E-02	2.59E-02	5.18E-06	1.56E-05	9.06E-06	9.79E-06	8.87E-06	4.05E-06	6.48E-06	1.73E-07	4.18E-06	9.22E-07	1.33E-06	2.11E-06	3.72E-07	3.40E-06	1.25E-05
4308	490363.09	3856877.25	1.30E-02	1.40E-02	2.25E-02	4.49E-06	1.36E-05	7.86E-06	8.49E-06	7.70E-06	3.51E-06	5.63E-06	1.50E-07	3.63E-06	8.00E-07	1.15E-06	1.83E-06	3.22E-07	2.95E-06	1.08E-05
4309	490863.09	3856877.25	1.14E-02	1.23E-02	1.97E-02	3.93E-06	1.19E-05	6.87E-06	7.42E-06	6.73E-06	3.07E-06	4.92E-06	1.31E-07	3.17E-06	6.99E-07	1.01E-06	1.60E-06	2.82E-07	2.58E-06	9.47E-06
4310	491363.09	3856877.25	9.98E-03	1.08E-02	1.73E-02	3.45E-06	1.04E-05	6.04E-06	6.52E-06	5.91E-06	2.70E-06	4.32E-06	1.15E-07	2.79E-06	6.15E-07	8.86E-07	1.41E-06	2.48E-07	2.27E-06	8.32E-06
4311	491863.09	3856877.25	8.75E-03	9.45E-03	1.51E-02	3.03E-06	9.14E-06	5.29E-06	5.72E-06	5.19E-06	2.37E-06	3.79E-06	1.01E-07	2.44E-06	5.39E-07	7.77E-07	1.23E-06	2.17E-07	1.99E-06	7.30E-06
4312	492363.09	3856877.25	6.86E-03	7.41E-03	1.19E-02	2.37E-06	7.17E-06	4.15E-06	4.48E-06	4.06E-06	1.85E-06	2.97E-06	7.93E-08	1.91E-06	4.23E-07	6.09E-07	9.66E-07	1.70E-07	1.56E-06	5.72E-06
4313	492863.09	3856877.25	5.26E-03	5.68E-03	9.07E-03	1.82E-06	5.50E-06	3.18E-06	3.44E-06	3.12E-06	1.42E-06	2.27E-06	6.08E-08	1.47E-06	3.24E-07	4.67E-07	7.40E-07	1.30E-07	1.19E-06	4.38E-06
4314	493363.09	3856877.25	3.79E-03	4.09E-03	6.53E-03	1.31E-06	3.96E-06	2.29E-06	2.48E-06	2.24E-06	1.02E-06	1.63E-06	4.38E-08	1.06E-06	2.33E-07	3.36E-07	5.33E-07	9.40E-08	8.57E-07	3.16E-06
4315	493863.09	3856877.25	2.59E-03	2.80E-03	4.46E-03	8.97E-07	2.71E-06	1.57E-06	1.69E-06	1.53E-06	7.00E-07	1.12E-06	2.99E-08	7.23E-07	1.60E-07	2.30E-07	3.65E-07	6.43E-08	5.85E-07	2.16E-06
4316	494363.09	3856877.25	1.86E-03	2.01E-03	3.20E-03	6.44E-07	1.94E-06	1.13E-06	1.22E-06	1.10E-06	5.03E-07	8.00E-07	2.15E-08	5.19E-07	1.15E-07	1.65E-07	2.62E-07	4.61E-08	4.20E-07	1.55E-06
4317	494863.09	3856877.25	1.55E-03	1.67E-03	2.66E-03	5.35E-07	1.62E-06	9.36E-07	1.01E-06	9.16E-07	4.18E-07	6.65E-07	1.79E-08	4.32E-07	9.53E-08	1.37E-07	2.18E-07	3.84E-08	3.49E-07	1.29E-06
4318	495363.09	3856877.25	1.37E-03	1.48E-03	2.35E-03	4.73E-07	1.43E-06	8.27E-07	8.93E-07	8.10E-07	3.69E-07	5.88E-07	1.58E-08	3.82E-07	8.42E-08	1.21E-07	1.92E-07	3.39E-08	3.08E-07	1.14E-06
4319	495863.09	3856877.25	1.31E-03	1.41E-03	2.24E-03	4.52E-07	1.36E-06	7.90E-07	8.53E-07	7.73E-07	3.53E-07	5.61E-07	1.51E-08	3.64E-07	8.04E-08	1.16E-07	1.84E-07	3.24E-08	2.95E-07	1.09E-06
4320	496363.09	3856877.25	1.27E-03	1.37E-03	2.17E-03	4.38E-07	1.32E-06	7.66E-07	8.27E-07	7.49E-07	3.42E-07	5.44E-07	1.46E-08	3.53E-07	7.80E-08	1.12E-07	1.78E-07	3.14E-08	2.86E-07	1.05E-06
4321	496863.09	3856877.25	1.27E-03	1.37E-03	2.19E-03	4.41E-07	1.33E-06	7.70E-07	8.32E-07	7.54E-07	3.44E-07	5.48E-07	1.47E-08	3.56E-07	7.84E-08	1.13E-07	1.79E-07	3.16E-08	2.87E-07	1.06E-06
4322	497363.09	3856877.25	1.32E-03	1.43E-03	2.27E-03	4.57E-07	1.38E-06	7.99E-07	8.62E-07	7.82E-07	3.57E-07	5.68E-07	1.53E-08	3.69E-07	8.13E-08	1.17E-07	1.86E-07	3.27E-08	2.98E-07	1.10E-06
4323	497863.09	3856877.25	1.46E-03	1.58E-03	2.51E-03	5.06E-07	1.53E-06	8.84E-07	9.55E-07	8.66E-07	3.95E-07	6.29E-07	1.69E-08	4.08E-07	9.00E-08	1.30E-07	2.06E-07	3.62E-08	3.30E-07	1.22E-06
4324	498363.09	3856877.25	1.63E-03	1.76E-03	2.81E-03	5.65E-07	1.71E-06	9.88E-07	1.07E-06	9.68E-07	4.42E-07	7.04E-07	1.89E-08	4.56E-07	1.01E-07	1.45E-07	2.30E-07	4.05E-08	3.69E-07	1.36E-06
4325	471363.09	3857377.25	3.67E-04	3.96E-04	6.28E-04	1.27E-07	3.84E-07	2.22E-07	2.40E-07	2.17E-07	9.91E-08	1.57E-07	4.24E-09	1.02E-07	2.26E-08	3.25E-08	5.16E-08	9.09E-09	8.24E-08	3.05E-07
4326	471863.09	3857377.25	3.76E-04	4.06E-04	6.43E-04	1.30E-07	3.93E-07	2.28E-07	2.46E-07	2.23E-07	1.02E-07	1.61E-07	4.35E-09	1.05E-07	2.32E-08	3.33E-08	5.29E-08	9.32E-09	8.45E-08	3.13E-07
4327	472363.09	3857377.25	3.99E-04	4.30E-04	6.82E-04	1.38E-07	4.17E-07	2.41E-07	2.60E-07	2.36E-07	1.08E-07	1.71E-07	4.61E-09	1.11E-07	2.46E-08	3.53E-08	5.61E-08	9.88E-09	8.96E-08	3.31E-07
4328	472863.09	3857377.25	4.30E-04	4.64E-04	7.36E-04	1.49E-07	4.49E-07	2.60E-07	2.81E-07	2.55E-07	1.16E-07	1.84E-07	4.97E-09	1.20E-07	2.65E-08	3.81E-08	6.05E-08	1.07E-08	9.67E-08	3.57E-07
4329	473363.09	3857377.25	4.73E-04	5.11E-04	8.11E-04	1.64E-07	4.95E-07	2.86E-07	3.09E-07	2.80E-07	1.28E-07	2.03E-07	5.47E-09	1.32E-07	2.92E-08	4.20E-08	6.66E-08	1.17E-08	1.06E-07	3.94E-07
4330	473863.09	3857377.25	5.30E-04	5.72E-04	9.08E-04	1.84E-07	5.54E-07	3.21E-07	3.46E-07	3.14E-07	1.43E-07	2.27E-07	6.13E-09	1.48E-07	3.27E-08	4.70E-08	7.46E-08	1.31E-08	1.19E-07	4.41E-07
4331	474363.09	3857377.25	4.98E-04	5.37E-04	8.53E-04	1.72E-07	5.20E-07	3.01E-07	3.25E-07	2.95E-07	1.34E-07	2.13E-07	5.76E-09	1.39E-07	3.07E-08	4.41E-08	7.00E-08	1.23E-08	1.12E-07	4.14E-07
4332	474863.09	3857377.25	3.69E-04	3.98E-04	6.31E-04	1.28E-07	3.86E-07	2.23E-07	2.41E-07	2.18E-07	9.97E-08	1.58E-07	4.27E-09	1.03E-07	2.27E-08	3.27E-08	5.19E-08	9.15E-09	8.28E-08	3.07E-07
4333	475363.09	3857377.25	2.57E-04	2.78E-04	4.39E-04	8.91E-08	2.69E-07	1.56E-07	1.68E-07	1.52E-07	6.95E-08	1.10E-07	2.98E-09	7.19E-08	1.59E-08	2.28E-08	3.62E-08	6.38E-09	5.77E-08	2.14E-07
4334	475863.09	3857377.25	2.43E-04	2.62E-04	4.15E-04	8.42E-08	2.54E-07	1.47E-07	1.59E-07	1.44E-07	6.57E-08	1.04E-07	2.81E-09	6.79E-08	1.50E-08	2.16E-08	3.42E-08	6.03E-09	5.45E-08	2.02E-07
4335	476363.09	3857377.25	3.18E-04	3.43E-04	5.42E-04	1.10E-07	3.32E-07	1.92E-07	2.07E-07	1.88E-07	8.58E-08	1.36E-07	3.67E-09	8.87E-08	1.96E-08	2.82E-08	4.47E-08	7.87E-09	7.12E-08	2.64E-07
4336	476863.09	3857377.25	3.47E-04	3.74E-04	5.92E-04	1.20E-07	3.63E-07	2.10E-07	2.27E-07	2.05E-07	9.37E-08	1.48E-07	4.01E-09	9.69E-08	2.14E-08	3.08E-08	4.88E-08	8.60E-09	7.78E-08	2.88E-07
4337	477363.09	3857377.25	3.06E-04	3.31E-04	5.23E-04	1.06E-07	3.20E-07	1.85E-07	2.00E-07	1.81E-07	8.27E-08	1.31E-07	3.54E-09	8.56E-08	1.89E-08	2.72E-08	4.31E-08	7.59E-09	6.86E-08	2.54E-07
4338	477863.09	3857377.25	2.41E-04	2.60E-04	4.11E-04	8.35E-08	2.52E-07	1.46E-07	1.57E-07	1.43E-07	6.51E-08	1.03E-07	2.79E-09	6.73E-08	1.49E-08	2.14E-08	3.39E-08	5.97E-09	5.39E-08	2.00E-07
4339	478363.09	3857377.25	1.96E-04	2.12E-04	3.34E-04	6.79E-08	2.05E-07	1.19E-07	1.28E-07	1.16E-07	5.29E-08	8.36E-08	2.27E-09	5.48E-08	1.21E-08	1.74E-08	2.76E-08	4.86E-09	4.39E-08	1.63E-07
4340	478863.09	3857377.25	1.75E-04	1.89E-04	2.99E-04	6.07E-08	1.83E-07	1.06E-07	1.14E-07	1.04E-07	4.73E-08	7.47E-08	2.03E-09	4.89E-08	1.08E-08	1.55E-08	2.46E-08	4.34E-09	3.92E-08	1.46E-07
4341	479363.09	3857377.25	2.71E-04	2.92E-04	4.60E-04	9.37E-08	2.83E-07	1.64E-07	1.77E-07	1.60E-07	7.31E-08	1.15E-07	3.13E-09	7.56E-08	1.67E-08	2.40E-08	3.81E-08	6.71E-09	6.05E-08	2.25E-07
4342	479863.09	3857377.25	7.06E-04	7.61E-04	1.20E-03	2.44E-07	7.38E-07	4.27E-07	4.60E-07	4.17E-07	1.90E-07	3.00E-07	8.16E-09	1.97E-07	4.35E-08	6.25E-08	9.92E-08	1.75E-08	1.58E-07	5.85E-07
4343	480363.09	3857377.25	5.95E-04	6.41E-04	1.01E-03	2.06E-07	6.21E-07	3.60E-07	3.88E-07	3.52E-07	1.60E-07	2.53E-07	6.87E-09	1.66E-07	3.66E-08	5.27E-08	8.35E-08	1.47E-08	1.33E-07	4.93E-07
4344	480863.09	3857377.25	2.30E-03	2.48E-03	3.93E-03	7.95E-07	2.40E-06	1.39E-06	1.50E-06	1.36E-06	6.20E-07	9.82E-07	2.65E-08	6.41E-07	1.41E-07	2.03E-07	3.23E-07	5.69E-08	5.16E-07	1.91E-06
4345	481363.09	3857377.25	2.60E-03	2.81E-03	4.46E-03	9.01E-07	2.72E-06	1.58E-06	1.70E-06	1.54E-06	7.03E-07	1.11E-06	3.01E-08	7.27E-07	1.60E-07	2.31E-07	3.66E-07	6.45E-08	5.85E-07	2.16E-06
4346	481863.09	3857377.25	3.43E-03	3.70E-03	5.86E-03	1.19E-06	3.58E-06	2.07E-06	2.24E-06	2.03E-06	9.26E-07	1.47E-06	3.96E-08	9.57E-07	2.11E-07	3.04E-07	4.82E-07	8.49E-08	7.69E-07	2.85E-06
4347	482363.09	3857377.25	4.39E-03	4.74E-03	7.48E-03	1.52E-06	4.59E-06	2.66E-06	2.87E-06	2.60E-06	1.19E-06	1.87E-06	5.08E-08	1.23E-06	2.71E-07	3.89E-07	6.18E-07	1.09E-07	9.82E-07	3.65E-06
4348	482863.09	3857377.25	5.08E-03	5.48E-03	8.63E-03	1.76E-06	5.31E-06	3.08E-06	3.32E-06	3.01E-06	1.37E-06	2.16E-06	5.88E-08	1.42E-06	3.13E-07	4.50E-07	7.14E-07	1.26E-07	1.13E-06	4.22E-06
4349	483363.09	3857377.25	5.99E-03	6.46E-03	1.01E-02	2.07E-06	6.26E-06	3.62E-06	3.91E-06	3.54E-06	1.62E-06	2.54E-06	6.92E-08	1.67E-06	3.69E-07	5.30E-07	8.41E-07	1.48E-07	1.33E-06	4.96E-06
4350	483863.09	3857377.25	7.26E-03	7.82E-03	1.23E-02	2.51E-06	7.59E-06	4.39E-06	4.73E-06	4.29E-06	1.96E-06	3.07E-06	8.39E-08	2.03E-06	4.47E-07	6.43E-07	1.02E-06	1.80E-07	1.61E-06	6.01E-06
4351	484363.09	3857377.25	8.94E-03	9.63E-03	1.51E-02	3.09E-06	9.34E-06	5.41E-06	5.83E-06	5.28E-06	2.41E-06	3.77E-06	1.03E-07	2.50E-06	5.51E-07	7.91E-07	1.25E-06	2.21E-07	1.98E-06	7.39E-06
4352	484863.09	3857377.25	1.15E-02	1.24E-02	1.93E-02	3.98E-06	1.20E-05	6.95E-06	7.49E-06	6.79E-06	3.10E-06	4.83E-06	1.33E-07	3.21E-06	7.08E-07	1.02E-06	1.61E-06	2.84E-07	2.54E-06	9.50E-06
4353	485363.09	3857377.25	1.58E-02	1.70E-02	2.64E-02	5.46E-06	1.65E-05	9.54E-06	1.03E-05	9.30E-06	4.25E-06	6.61E-06	1.82E-07	4.40E-06	9.71E-07	1.39E-06	2.21E-06	3.90E-07	3.47E-06	1.30E-05
4354	485863.09	3857377.25	2.56E-02	2.76E-02	4.27E-02	8.87E-06	2.68E-05	1.55E-05	1.67E-05	1.51E-05	6.90E-06	1.07E-05	2.96E-07	7.15E-06	1.58E-06	2.26E-06	3.59E-06	6.33E-07	5.61E-06	2.11E-05
4355	486363.09	3857377.25	1.17E-01	1.26E-01	1.96E-01	4.06E-05	1.23E-04	7.10E-05	7.65E-05	6.93E-05	3.16E-05	4.91E-05	1.36E-06	3.28E-05	7.23E-06	1.04E-05	1.65E-05	2.90E-06	2.58E-05	9.69E-05
4356	486863.09	3857377.25	1.25E-01	1.35E-01	2.14E-01	4.32E-05	1.31E-04	7.56E-05	8.15E-05	7.39E-05	3.37E-05	5.36E-05	1.44E-06	3.49E-05	7.69E-06	1.11E-05	1.76E-05	3.10E-06	2.81E-05	1.04E-04
4357	487363.09	3857377.25	6.01E-02	6.50E-02	1.05E-01	2.08E-05	6.28E-05	3.63E-05	3.93E-05	3.56E-05	1.63E-05	2.62E-05	6.94E-07	1.68E-05	3.70E-06	5.34E-06	8.47E-06	1.49E-06	1.38E-05	5.02E-05
4358	487863.09	3857377.25	4.05E-02	4.38E-02	7.05E-02	1.40E-05	4.23E-05	2.45E-05	2.65E-05	2.40E-05	1.10E-05	1.77E-05	4.68E-07	1.13E-05	2.49E-06	3.59E-06	5.70E-06	1.00E-06	9.26E-06	3.38E-05
4359	488363.09	3857377.25	3.02E-02	3.27E-02	5.26E-02	1.05E-05	3.16E-05	1.83E-05	1.98E-05	1.79E-05	8.19E-06	1.32E-05	3.50E-07	8.45E-06	1.86E-06	2.69E-06	4.26E-06	7.51E-07	6.91E-06	2.53E-05
4360	488863.09	3857377.25	2.39E-02	2.59E-02	4.16E-02	8.28E-06	2.50E-05	1.45E-05	1.57E-05	1.42E-05	6.47E-06	1.04E-05	2.77E-07	6.68E-06	1.47E-06	2.13E-06	3.37E-06	5.94E-07	5.46E-06	2.00E-05
4361	489363.09	3857377.25	1.96E-02	2.12E-02	3.41E-02	6.79E-06	2.05E-05	1.19E-05	1.28E-05	1.16E-05	5.31E-06	8.52E-06	2.27E-07	5.48E-06	1.21E-06	1.74E-06	2.76E-06	4.87E-07	4.47E-06	1.64E-05
4362	489863.09	3857377.25	1.64E-02	1.77E-02	2.85E-02	5.68E-06	1.71E-05	9.92E-06	1.07E-05	9.73E-06	4.44E-06	7.13E-06	1.90E-07	4.58E-06	1.01E-06	1.46E-06	2.31E-06	4.07E-07	3.74E-06	1.37E-05
4363	490363.09	3857377.25	1.39E-02	1.50E-02	2.41E-02	4.80E-06	1.45E-05	8.39E-06	9.07E-06	8.22E-06	3.75E-06	6.02E-06	1.60E-07	3.87E-06	8.54E-07	1.23E-06	1.95E-06	3.44E-07	3.16E-06	1.16E-05
4364	490863.09	3857377.25	1.19E-02	1.29E-02	2.06E-02	4.12E-06	1.24E-05	7.20E-06	7.78E-06	7.05E-06	3.22E-06	5.16E-06	1.37E-07	3.32E-06	7.33E-07	1.06E-06	1.68E-06	2.95E-07	2.71E-06	9.92E-06
4365	491363.09	3857377.25	1.03E-02	1.11E-02	1.79E-02	3.57E-06	1.08E-05	6.24E-06	6.75E-06	6.12E-06	2.79E-06	4.47E-06	1.19E-07	2.88E-06	6.36E-07	9.16E-07	1.45E-06	2.56E-07	2.35E-06	8.61E-06
4366	491863.09	3857377.25	8.79E-03	9.50E-03	1.52E-02	3.04E-06	9.19E-06	5.32E-06	5.75E-06	5.21E-06	2.38E-06	3.81E-06	1.02E-07	2.46E-06	5.42E-07	7.81E-07	1.24E-06	2.18E-07	2.00E-06	7.34E-06
4367	492363.09	3857377.25	6.38E-03	6.90E-03	1.10E-02	2.21E-06	6.67E-06	3.86E-06	4.17E-06	3.78E-06	1.73E-06	2.76E-06	7.38E-08	1.78E-06	3.93E-07	5.67E-07	8.99E-07	1.58E-07	1.45E-06	5.32E-06
4368	492863.09	3857377.25	4.35E-03	4.70E-03	7.50E-03	1.51E-06	4.55E-06	2.63E-06	2.84E-06	2.58E-06	1.18E-06	1.88E-06	5.03E-08	1.21E-06	2.68E-07	3.86E-07	6.13E-07	1.08E-07	9.86E-07	3.63E-06
4369	493363.09	3857377.25	2.97E-03	3.21E-03	5.12E-03	1.03E-06	3.11E-06	1.80E-06	1.94E-06	1.76E-06	8.04E-07	1.28E-06	3.44E-08	8.30E-07	1.83E-07	2.64E-07	4.18E-07	7.37E-08	6.72E-07	2.48E-06
4370	493863.09	3857377.25	2.43E-03	2.62E-03	4.17E-03	8.40E-07	2.54E-06	1.47E-06	1.59E-06	1.44E-06	6.56E-07	1.04E-06	2.81E-08	6.78E-07	1.50E-07	2.15E-07	3.42E-07	6.02E-08	5.48E-07	2.02E-06
4371	494363.09	3857377.25	1.96E-03	2.11E-03	3.36E-03	6.78E-07	2.05E-06	1.18E-06	1.28E-06	1.16E-06	5.29E-07	8.42E-07	2.26E-08	5.47E-07	1.21E-07	1.74E-07	2.75E-07	4.85E-08	4.42E-07	1.63E-06
4372	494863.09	3857377.25	1.73E-03	1.86E-03	2.96E-03	5.97E-07	1.80E-06	1.04E-06	1.13E-06	1.02E-06	4.66E-07	7.42E-07	1.99E-08	4.82E-07	1.06E-07	1.53E-07	2.43E-07	4.28E-08	3.89E-07	1.44E-06
4373	495363.09	3857377.25	1.55E-03	1.67E-03	2.66E-03	5.35E-07	1.62E-06	9.36E-07	1.01E-06	9.16E-07	4.18E-07	6.65E-07	1.79E-08	4.32E-07	9.53E-08	1.37E-07	2.18E-07	3.83E-08	3.49E-07	1.29E-06
4374	495863.09	3857377.25	1.47E-03	1.59E-03	2.53E-03	5.10E-07	1.54E-06	8.92E-07	9.63E-07	8.73E-07	3.98E-07	6.33E-07	1.70E-08	4.11E-07	9.08E-08	1.31E-07	2.07E-07	3.65E-08	3.32E-07	1.23E-06
4375	496363.09	3857377.25	1.43E-03	1.54E-03	2.46E-03	4.95E-07	1.49E-06	8.65E-07	9.34E-07	8.47E-07	3.86E-07	6.15E-07	1.65E-08	3.99E-07	8.81E-08	1.27E-07	2.01E-07	3.55E-08	3.23E-07	1.19E-06
4376	496863.09	3857377.25	1.41E-03	1.52E-03	2.42E-03	4.88E-07	1.47E-06	8.54E-07	9.22E-07	8.35E-07	3.81E-07	6.07E-07	1.63E-08	3.94E-07	8.69E-08	1.25E-07	1.98E-07	3.50E-08	3.18E-07	1.17E-06
4377	497363.09	3857377.25	1.46E-03	1.57E-03	2.50E-03	5.04E-07	1.52E-06	8.81E-07	9.52E-07	8.63E-07	3.94E-07	6.27E-07	1.68E-08	4.07E-07	8.98E-08	1.29E-07	2.05E-07	3.61E-08	3.29E-07	1.21E-06
4378	497863.09	3857377.25	1.56E-03	1.68E-03	2.68E-03	5.39E-07	1.63E-06	9.41E-07	1.02E-06	9.22E-07	4.20E-07	6.70E-07	1.80E-08	4.34E-07	9.59E-08	1.38E-07	2.19E-07	3.86E-08	3.52E-07	1.30E-06
4379	498363.09	3857377.25	1.86E-03	2.01E-03	3.20E-03	6.43E-07	1.94E-06	1.12E-06	1.21E-06	1.10E-06	5.02E-07	8.01E-07	2.15E-08	5.19E-07	1.14E-07	1.65E-07	2.62E-07	4.61E-08	4.20E-07	1.55E-06
4380	471363.09	3857877.25	3.70E-04	3.99E-04	6.33E-04	1.28E-07	3.87E-07	2.24E-07	2.42E-07	2.19E-07	1.00E-07	1.59E-07	4.28E-09	1.03E-07	2.28E-08	3.28E-08	5.21E-08	9.17E-09	8.32E-08	3.08E-07
4381	471863.09	3857877.25	3.85E-04	4.15E-04	6.58E-04	1.33E-07	4.02E-07	2.33E-07	2.51E-07	2.28E-07	1.04E-07	1.65E-07	4.45E-09	1.07E-07	2.37E-08	3.41E-08	5.41E-08	9.53E-09	8.65E-08	3.20E-07
4382	472363.09	3857877.25	4.09E-04	4.41E-04	7.00E-04	1.42E-07	4.27E-07	2.47E-07	2.67E-07	2.42E-07	1.10E-07	1.75E-07	4.73E-09	1.14E-07	2.52E-08	3.63E-08	5.75E-08	1.01E-08	9.20E-08	3.40E-07
4383	472863.09	3857877.25	4.52E-04	4.88E-04	7.74E-04	1.56E-07	4.72E-07	2.73E-07	2.95E-07	2.67E-07	1.22E-07	1.94E-07	5.22E-09	1.26E-07	2.78E-08	4.01E-08	6.35E-08	1.12E-08	1.02E-07	3.76E-07
4384	473363.09	3857877.25	4.82E-04	5.21E-04	8.26E-04	1.67E-07	5.04E-07	2.92E-07	3.15E-07	2.86E-07	1.30E-07	2.07E-07	5.57E-09	1.35E-07	2.97E-08	4.28E-08	6.78E-08	1.20E-08	1.08E-07	4.01E-07
4385	473863.09	3857877.25	5.30E-04	5.72E-04	9.08E-04	1.84E-07	5.54E-07	3.21E-07	3.46E-07	3.14E-07	1.43E-07	2.27E-07	6.13E-09	1.48E-07	3.27E-08	4.70E-08	7.46E-08	1.31E-08	1.19E-07	4.41E-07
4386	474363.09	3857877.25	4.81E-04	5.19E-04	8.23E-04	1.67E-07	5.03E-07	2.91E-07	3.14E-07	2.85E-07	1.30E-07	2.06E-07	5.56E-09	1.34E-07	2.96E-08	4.26E-08	6.76E-08	1.19E-08	1.08E-07	4.00E-07
4387	474863.09	3857877.25	3.41E-04	3.67E-04	5.81E-04	1.18E-07	3.56E-07	2.06E-07	2.22E-07	2.02E-07	9.20E-08	1.45E-07	3.94E-09	9.51E-08	2.10E-08	3.02E-08	4.79E-08	8.44E-09	7.63E-08	2.83E-07
4388	475363.09	3857877.25	1.96E-04	2.11E-04	3.34E-04	6.78E-08	2.05E-07	1.18E-07	1.28E-07	1.16E-07	5.29E-08	8.36E-08	2.26E-09	5.47E-08	1.21E-08	1.74E-08	2.75E-08	4.85E-09	4.39E-08	1.63E-07
4389	475863.09	3857877.25	1.01E-04	1.09E-04	1.72E-04	3.50E-08	1.06E-07	6.12E-08	6.60E-08	5.98E-08	2.73E-08	4.31E-08	1.17E-09	2.82E-08	6.23E-09	8.96E-09	1.42E-08	2.51E-09	2.26E-08	8.40E-08
4390	476363.09	3857877.25	2.26E-04	2.44E-04	3.85E-04	7.82E-08	2.36E-07	1.37E-07	1.47E-07	1.34E-07	6.10E-08	9.65E-08	2.61E-09	6.31E-08	1.39E-08	2.00E-08	3.18E-08	5.60E-09	5.06E-08	1.88E-07
4391	476863.09	3857877.25	2.84E-04	3.07E-04	4.85E-04	9.84E-08	2.97E-07	1.72E-07	1.86E-07	1.68E-07	7.68E-08	1.21E-07	3.29E-09	7.94E-08	1.75E-08	2.52E-08	4.00E-08	7.04E-09	6.36E-08	2.36E-07
4392	477363.09	3857877.25	2.80E-04	3.02E-04	4.76E-04	9.69E-08	2.93E-07	1.69E-07	1.83E-07	1.66E-07	7.55E-08	1.19E-07	3.24E-09	7.81E-08	1.72E-08	2.48E-08	3.93E-08	6.93E-09	6.26E-08	2.32E-07
4393	477863.09	3857877.25	2.75E-04	2.97E-04	4.69E-04	9.53E-08	2.88E-07	1.67E-07	1.80E-07	1.63E-07	7.43E-08	1.17E-07	3.18E-09	7.69E-08	1.70E-08	2.44E-08	3.87E-08	6.82E-09	6.15E-08	2.28E-07
4394	478363.09	3857877.25	1.64E-04	1.76E-04	2.78E-04	5.67E-08	1.71E-07	9.90E-08	1.07E-07	9.68E-08	4.42E-08	6.96E-08	1.89E-09	4.57E-08	1.01E-08	1.45E-08	2.30E-08	4.05E-09	3.65E-08	1.36E-07
4395	478863.09	3857877.25	1.39E-04	1.50E-04	2.36E-04	4.83E-08	1.46E-07	8.44E-08	9.10E-08	8.25E-08	3.76E-08	5.92E-08	1.61E-09	3.89E-08	8.59E-09	1.24E-08	1.96E-08	3.45E-09	3.11E-08	1.16E-07
4396	479363.09	3857877.25	6.39E-04	6.89E-04	1.09E-03	2.21E-07	6.68E-07	3.86E-07	4.17E-07	3.78E-07	1.72E-07	2.72E-07	7.38E-09	1.78E-07	3.93E-08	5.66E-08	8.97E-08	1.58E-08	1.43E-07	5.30E-07
4397	479863.09	3857877.25	1.40E-03	1.51E-03	2.38E-03	4.83E-07	1.46E-06	8.44E-07	9.11E-07	8.26E-07	3.77E-07	5.97E-07	1.61E-08	3.90E-07	8.60E-08	1.24E-07	1.96E-07	3.46E-08	3.13E-07	1.16E-06
4398	480363.09	3857877.25	1.85E-03	1.99E-03	3.16E-03	6.39E-07	1.93E-06	1.12E-06	1.21E-06	1.09E-06	4.99E-07	7.91E-07	2.13E-08	5.16E-07	1.14E-07	1.64E-07	2.60E-07	4.58E-08	4.15E-07	1.53E-06
4399	480863.09	3857877.25	2.13E-03	2.29E-03	3.64E-03	7.36E-07	2.22E-06	1.29E-06	1.39E-06	1.26E-06	5.74E-07	9.11E-07	2.46E-08	5.93E-07	1.31E-07	1.88E-07	2.99E-07	5.27E-08	4.78E-07	1.77E-06
4400	481363.09	3857877.25	2.46E-03	2.66E-03	4.22E-03	8.52E-07	2.57E-06	1.49E-06	1.61E-06	1.46E-06	6.65E-07	1.06E-06	2.85E-08	6.87E-07	1.52E-07	2.18E-07	3.46E-07	6.10E-08	5.54E-07	2.05E-06
4401	481863.09	3857877.25	2.96E-03	3.19E-03	5.06E-03	1.02E-06	3.09E-06	1.79E-06	1.93E-06	1.75E-06	7.99E-07	1.27E-06	3.42E-08	8.26E-07	1.82E-07	2.62E-07	4.16E-07	7.33E-08	6.64E-07	2.46E-06
4402	482363.09	3857877.25	3.71E-03	4.00E-03	6.32E-03	1.28E-06	3.88E-06	2.25E-06	2.42E-06	2.20E-06	1.00E-06	1.58E-06	4.29E-08	1.04E-06	2.29E-07	3.29E-07	5.22E-07	9.19E-08	8.31E-07	3.08E-06
4403	482863.09	3857877.25	4.25E-03	4.58E-03	7.20E-03	1.47E-06	4.44E-06	2.57E-06	2.77E-06	2.51E-06	1.15E-06	1.80E-06	4.91E-08	1.19E-06	2.62E-07	3.76E-07	5.96E-07	1.05E-07	9.46E-07	3.52E-06

4404	483363.09	3857877.25	4.87E-03	5.25E-03	8.24E-03	1.69E-06	5.09E-06	2.95E-06	3.17E-06	2.88E-06	1.31E-06	2.06E-06	5.63E-08	1.36E-06	3.00E-07	4.31E-07	6.84E-07	1.21E-07	1.08E-06	4.03E-06
4405	483863.09	3857877.25	5.69E-03	6.13E-03	9.62E-03	1.97E-06	5.95E-06	3.44E-06	3.71E-06	3.36E-06	1.53E-06	2.41E-06	6.58E-08	1.59E-06	3.50E-07	5.04E-07	7.99E-07	1.41E-07	1.26E-06	4.71E-06
4406	484363.09	3857877.25	6.72E-03	7.24E-03	1.13E-02	2.32E-06	7.02E-06	4.06E-06	4.38E-06	3.97E-06	1.81E-06	2.84E-06	7.76E-08	1.88E-06	4.14E-07	5.94E-07	9.43E-07	1.66E-07	1.49E-06	5.56E-06
4407	484863.09	3857877.25	8.14E-03	8.76E-03	1.37E-02	2.82E-06	8.50E-06	4.92E-06	5.30E-06	4.81E-06	2.19E-06	3.43E-06	9.41E-08	2.27E-06	5.01E-07	7.20E-07	1.14E-06	2.01E-07	1.80E-06	6.73E-06
4408	485363.09	3857877.25	1.02E-02	1.09E-02	1.71E-02	3.52E-06	1.06E-05	6.15E-06	6.62E-06	6.00E-06	2.74E-06	4.28E-06	1.17E-07	2.84E-06	6.26E-07	8.99E-07	1.43E-06	2.51E-07	2.25E-06	8.41E-06
4409	485863.09	3857877.25	1.35E-02	1.45E-02	2.26E-02	4.66E-06	1.41E-05	8.15E-06	8.77E-06	7.95E-06	3.63E-06	5.66E-06	1.56E-07	3.76E-06	8.30E-07	1.19E-06	1.89E-06	3.33E-07	2.97E-06	1.11E-05
4410	486363.09	3857877.25	2.00E-02	2.15E-02	3.35E-02	6.92E-06	2.09E-05	1.21E-05	1.30E-05	1.18E-05	5.38E-06	8.39E-06	2.31E-07	5.58E-06	1.23E-06	1.77E-06	2.80E-06	4.94E-07	4.41E-06	1.65E-05
4411	486863.09	3857877.25	4.45E-02	4.79E-02	7.49E-02	1.54E-05	4.65E-05	2.69E-05	2.90E-05	2.63E-05	1.20E-05	1.87E-05	5.14E-07	1.24E-05	2.74E-06	3.94E-06	6.25E-06	1.10E-06	9.84E-06	3.68E-05
4412	487363.09	3857877.25	1.34E-01	1.44E-01	2.24E-01	4.64E-05	1.40E-04	8.12E-05	8.73E-05	7.92E-05	3.61E-05	5.61E-05	1.55E-06	3.75E-05	8.26E-06	1.19E-05	1.88E-05	3.32E-06	2.94E-05	1.11E-04
4413	487863.09	3857877.25	5.95E-02	6.44E-02	1.04E-01	2.06E-05	6.22E-05	3.60E-05	3.90E-05	3.53E-05	1.61E-05	2.61E-05	6.87E-07	1.66E-05	3.66E-06	5.29E-06	8.39E-06	1.48E-06	1.37E-05	4.98E-05
4414	488363.09	3857877.25	3.64E-02	3.94E-02	6.36E-02	1.26E-05	3.81E-05	2.20E-05	2.38E-05	2.16E-05	9.86E-06	1.59E-05	4.21E-07	1.02E-05	2.24E-06	3.24E-06	5.14E-06	9.05E-07	8.36E-06	3.05E-05
4415	488863.09	3857877.25	2.63E-02	2.84E-02	4.58E-02	9.10E-06	2.75E-05	1.59E-05	1.72E-05	1.56E-05	7.12E-06	1.15E-05	3.04E-07	7.34E-06	1.62E-06	2.34E-06	3.71E-06	6.53E-07	6.01E-06	2.20E-05
4416	489363.09	3857877.25	2.04E-02	2.21E-02	3.55E-02	7.06E-06	2.13E-05	1.23E-05	1.34E-05	1.21E-05	5.52E-06	8.89E-06	2.36E-07	5.70E-06	1.26E-06	1.81E-06	2.88E-06	5.07E-07	4.66E-06	1.71E-05
4417	489863.09	3857877.25	1.64E-02	1.77E-02	2.84E-02	5.66E-06	1.71E-05	9.90E-06	1.07E-05	9.70E-06	4.43E-06	7.12E-06	1.89E-07	4.57E-06	1.01E-06	1.45E-06	2.31E-06	4.06E-07	3.73E-06	1.37E-05
4418	490363.09	3857877.25	1.35E-02	1.46E-02	2.34E-02	4.68E-06	1.41E-05	8.18E-06	8.84E-06	8.02E-06	3.66E-06	5.87E-06	1.56E-07	3.78E-06	8.33E-07	1.20E-06	1.90E-06	3.36E-07	3.08E-06	1.13E-05
4419	490863.09	3857877.25	1.14E-02	1.23E-02	1.98E-02	3.95E-06	1.19E-05	6.91E-06	7.47E-06	6.77E-06	3.09E-06	4.94E-06	1.32E-07	3.19E-06	7.03E-07	1.01E-06	1.61E-06	2.83E-07	2.59E-06	9.52E-06
4420	491363.09	3857877.25	9.60E-03	1.04E-02	1.66E-02	3.32E-06	1.00E-05	5.81E-06	6.28E-06	5.69E-06	2.60E-06	4.16E-06	1.11E-07	2.68E-06	5.92E-07	8.52E-07	1.35E-06	2.38E-07	2.18E-06	8.01E-06
4421	491863.09	3857877.25	7.80E-03	8.43E-03	1.35E-02	2.70E-06	8.15E-06	4.72E-06	5.10E-06	4.62E-06	2.11E-06	3.38E-06	9.02E-08	2.18E-06	4.81E-07	6.93E-07	1.10E-06	1.94E-07	1.77E-06	6.51E-06
4422	492363.09	3857877.25	5.28E-03	5.71E-03	9.12E-03	1.83E-06	5.52E-06	3.20E-06	3.45E-06	3.13E-06	1.43E-06	2.28E-06	6.11E-08	1.47E-06	3.25E-07	4.69E-07	7.44E-07	1.31E-07	1.20E-06	4.40E-06
4423	492863.09	3857877.25	3.55E-03	3.83E-03	6.10E-03	1.23E-06	3.71E-06	2.15E-06	2.32E-06	2.10E-06	9.58E-07	1.53E-06	4.10E-08	9.90E-07	2.18E-07	3.15E-07	4.99E-07	8.79E-08	8.02E-07	2.95E-06
4424	493363.09	3857877.25	2.86E-03	3.09E-03	4.93E-03	9.92E-07	2.99E-06	1.73E-06	1.87E-06	1.70E-06	7.74E-07	1.23E-06	3.31E-08	8.00E-07	1.76E-07	2.54E-07	4.03E-07	7.11E-08	6.47E-07	2.38E-06
4425	493863.09	3857877.25	2.50E-03	2.70E-03	4.30E-03	8.65E-07	2.61E-06	1.51E-06	1.63E-06	1.48E-06	6.75E-07	1.08E-06	2.89E-08	6.98E-07	1.54E-07	2.22E-07	3.52E-07	6.20E-08	5.64E-07	2.08E-06
4426	494363.09	3857877.25	2.24E-03	2.42E-03	3.85E-03	7.75E-07	2.34E-06	1.35E-06	1.46E-06	1.33E-06	6.05E-07	9.63E-07	2.59E-08	6.25E-07	1.38E-07	1.99E-07	3.15E-07	5.55E-08	5.05E-07	1.86E-06
4427	494863.09	3857877.25	1.89E-03	2.04E-03	3.25E-03	6.56E-07	1.98E-06	1.15E-06	1.24E-06	1.12E-06	5.12E-07	8.14E-07	2.19E-08	5.29E-07	1.17E-07	1.68E-07	2.66E-07	4.70E-08	4.27E-07	1.58E-06
4428	495363.09	3857877.25	1.75E-03	1.89E-03	3.01E-03	6.07E-07	1.83E-06	1.06E-06	1.15E-06	1.04E-06	4.74E-07	7.54E-07	2.03E-08	4.90E-07	1.08E-07	1.56E-07	2.47E-07	4.35E-08	3.96E-07	1.46E-06
4429	495863.09	3857877.25	1.63E-03	1.76E-03	2.81E-03	5.66E-07	1.71E-06	9.89E-07	1.07E-06	9.68E-07	4.42E-07	7.02E-07	1.89E-08	4.56E-07	1.01E-07	1.45E-07	2.30E-07	4.05E-08	3.69E-07	1.36E-06
4430	496363.09	3857877.25	1.61E-03	1.74E-03	2.77E-03	5.58E-07	1.68E-06	9.75E-07	1.05E-06	9.54E-07	4.35E-07	6.93E-07	1.86E-08	4.50E-07	9.93E-08	1.43E-07	2.27E-07	4.00E-08	3.64E-07	1.34E-06
4431	496863.09	3857877.25	1.60E-03	1.72E-03	2.74E-03	5.52E-07	1.67E-06	9.65E-07	1.04E-06	9.45E-07	4.31E-07	6.86E-07	1.84E-08	4.45E-07	9.83E-08	1.42E-07	2.24E-07	3.96E-08	3.60E-07	1.33E-06
4432	497363.09	3857877.25	1.55E-03	1.68E-03	2.67E-03	5.38E-07	1.63E-06	9.41E-07	1.02E-06	9.21E-07	4.20E-07	6.69E-07	1.80E-08	4.34E-07	9.58E-08	1.38E-07	2.19E-07	3.86E-08	3.51E-07	1.29E-06
4433	497863.09	3857877.25	1.74E-03	1.88E-03	2.99E-03	6.02E-07	1.82E-06	1.05E-06	1.14E-06	1.03E-06	4.70E-07	7.49E-07	2.01E-08	4.86E-07	1.07E-07	1.54E-07	2.45E-07	4.32E-08	3.93E-07	1.45E-06
4434	498363.09	3857877.25	1.93E-03	2.08E-03	3.32E-03	6.67E-07	2.01E-06	1.17E-06	1.26E-06	1.14E-06	5.21E-07	8.31E-07	2.23E-08	5.38E-07	1.19E-07	1.71E-07	2.71E-07	4.78E-08	4.36E-07	1.60E-06
4435	471363.09	3858377.25	3.87E-04	4.18E-04	6.62E-04	1.34E-07	4.04E-07	2.34E-07	2.53E-07	2.29E-07	1.05E-07	1.66E-07	4.47E-09	1.08E-07	2.38E-08	3.43E-08	5.44E-08	9.59E-09	8.70E-08	3.22E-07
4436	471863.09	3858377.25	4.03E-04	4.35E-04	6.90E-04	1.40E-07	4.21E-07	2.44E-07	2.63E-07	2.39E-07	1.09E-07	1.73E-07	4.66E-09	1.13E-07	2.48E-08	3.57E-08	5.67E-08	9.99E-09	9.06E-08	3.35E-07
4437	472363.09	3858377.25	4.21E-04	4.54E-04	7.20E-04	1.46E-07	4.40E-07	2.55E-07	2.75E-07	2.49E-07	1.14E-07	1.80E-07	4.86E-09	1.17E-07	2.59E-08	3.73E-08	5.92E-08	1.04E-08	9.45E-08	3.50E-07
4438	472863.09	3858377.25	4.55E-04	4.91E-04	7.78E-04	1.58E-07	4.76E-07	2.75E-07	2.97E-07	2.69E-07	1.23E-07	1.95E-07	5.26E-09	1.27E-07	2.80E-08	4.03E-08	6.40E-08	1.13E-08	1.02E-07	3.78E-07
4439	473363.09	3858377.25	5.21E-04	5.62E-04	8.91E-04	1.80E-07	5.45E-07	3.15E-07	3.40E-07	3.08E-07	1.41E-07	2.23E-07	6.02E-09	1.46E-07	3.21E-08	4.62E-08	7.33E-08	1.29E-08	1.17E-07	4.33E-07
4440	473863.09	3858377.25	5.27E-04	5.69E-04	9.01E-04	1.82E-07	5.51E-07	3.19E-07	3.44E-07	3.12E-07	1.42E-07	2.26E-07	6.09E-09	1.47E-07	3.25E-08	4.67E-08	7.41E-08	1.31E-08	1.18E-07	4.38E-07
4441	474363.09	3858377.25	4.58E-04	4.95E-04	7.83E-04	1.59E-07	4.79E-07	2.77E-07	2.99E-07	2.71E-07	1.24E-07	1.96E-07	5.30E-09	1.28E-07	2.82E-08	4.06E-08	6.45E-08	1.14E-08	1.03E-07	3.81E-07
4442	474863.09	3858377.25	3.53E-04	3.81E-04	6.02E-04	1.22E-07	3.69E-07	2.14E-07	2.30E-07	2.09E-07	9.53E-08	1.51E-07	4.08E-09	9.86E-08	2.17E-08	3.13E-08	4.96E-08	8.74E-09	7.90E-08	2.93E-07
4443	475363.09	3858377.25	2.34E-04	2.52E-04	3.98E-04	8.09E-08	2.44E-07	1.41E-07	1.53E-07	1.38E-07	6.31E-08	9.96E-08	2.70E-09	6.53E-08	1.44E-08	2.07E-08	3.29E-08	5.79E-09	5.23E-08	1.94E-07
4444	475863.09	3858377.25	1.74E-04	1.88E-04	2.96E-04	6.02E-08	1.82E-07	1.05E-07	1.13E-07	1.03E-07	4.69E-08	7.40E-08	2.01E-09	4.86E-08	1.07E-08	1.54E-08	2.44E-08	4.31E-09	3.89E-08	1.44E-07
4445	476363.09	3858377.25	1.91E-04	2.06E-04	3.24E-04	6.61E-08	1.99E-07	1.15E-07	1.25E-07	1.13E-07	5.15E-08	8.12E-08	2.21E-09	5.33E-08	1.18E-08	1.69E-08	2.68E-08	4.73E-09	4.26E-08	1.58E-07
4446	476863.09	3858377.25	2.14E-04	2.31E-04	3.64E-04	7.41E-08	2.24E-07	1.30E-07	1.40E-07	1.27E-07	5.78E-08	9.11E-08	2.48E-09	5.98E-08	1.32E-08	1.90E-08	3.01E-08	5.30E-09	4.78E-08	1.78E-07
4447	477363.09	3858377.25	2.04E-04	2.20E-04	3.47E-04	7.08E-08	2.14E-07	1.24E-07	1.33E-07	1.21E-07	5.52E-08	8.69E-08	2.36E-09	5.71E-08	1.26E-08	1.81E-08	2.87E-08	5.06E-09	4.56E-08	1.70E-07
4448	477863.09	3858377.25	2.74E-04	2.96E-04	4.66E-04	9.49E-08	2.86E-07	1.66E-07	1.79E-07	1.62E-07	7.40E-08	1.17E-07	3.17E-09	7.65E-08	1.69E-08	2.43E-08	3.85E-08	6.79E-09	6.12E-08	2.27E-07
4449	478363.09	3858377.25	2.98E-04	3.21E-04	5.06E-04	1.03E-07	3.11E-07	1.80E-07	1.94E-07	1.76E-07	8.04E-08	1.27E-07	3.44E-09	8.32E-08	1.84E-08	2.64E-08	4.19E-08	7.38E-09	6.65E-08	2.47E-07
4450	478863.09	3858377.25	2.09E-04	2.25E-04	3.54E-04	7.23E-08	2.18E-07	1.26E-07	1.36E-07	1.24E-07	5.64E-08	8.86E-08	2.41E-09	5.83E-08	1.29E-08	1.85E-08	2.93E-08	5.17E-09	4.65E-08	1.73E-07
4451	479363.09	3858377.25	6.72E-04	7.24E-04	1.14E-03	2.33E-07	7.02E-07	4.07E-07	4.38E-07	3.97E-07	1.81E-07	2.86E-07	7.77E-09	1.88E-07	4.14E-08	5.95E-08	9.44E-08	1.66E-08	1.50E-07	5.57E-07
4452	479863.09	3858377.25	1.44E-03	1.56E-03	2.47E-03	5.00E-07	1.51E-06	8.74E-07	9.43E-07	8.55E-07	3.90E-07	6.18E-07	1.67E-08	4.03E-07	8.89E-08	1.28E-07	2.03E-07	3.58E-08	3.25E-07	1.20E-06
4453	480363.09	3858377.25	1.81E-03	1.95E-03	3.09E-03	6.26E-07	1.89E-06	1.09E-06	1.18E-06	1.07E-06	4.88E-07	7.74E-07	2.09E-08	5.05E-07	1.11E-07	1.60E-07	2.54E-07	4.48E-08	4.06E-07	1.50E-06
4454	480863.09	3858377.25	2.03E-03	2.19E-03	3.48E-03	7.03E-07	2.12E-06	1.23E-06	1.33E-06	1.20E-06	5.49E-07	8.70E-07	2.35E-08	5.67E-07	1.25E-07	1.80E-07	2.86E-07	5.03E-08	4.57E-07	1.69E-06
4455	481363.09	3858377.25	2.32E-03	2.50E-03	3.97E-03	8.03E-07	2.42E-06	1.40E-06	1.51E-06	1.37E-06	6.26E-07	9.93E-07	2.68E-08	6.48E-07	1.43E-07	2.06E-07	3.26E-07	5.75E-08	5.21E-07	1.93E-06
4456	481863.09	3858377.25	2.61E-03	2.82E-03	4.46E-03	9.04E-07	2.73E-06	1.58E-06	1.71E-06	1.55E-06	7.05E-07	1.12E-06	3.02E-08	7.29E-07	1.61E-07	2.32E-07	3.67E-07	6.47E-08	5.86E-07	2.17E-06
4457	482363.09	3858377.25	3.03E-03	3.27E-03	5.18E-03	1.05E-06	3.17E-06	1.83E-06	1.98E-06	1.79E-06	8.19E-07	1.30E-06	3.50E-08	8.47E-07	1.87E-07	2.69E-07	4.26E-07	7.51E-08	6.80E-07	2.52E-06
4458	482863.09	3858377.25	3.67E-03	3.96E-03	6.25E-03	1.27E-06	3.83E-06	2.22E-06	2.39E-06	2.17E-06	9.90E-07	1.56E-06	4.24E-08	1.02E-06	2.26E-07	3.25E-07	5.16E-07	9.09E-08	8.20E-07	3.04E-06
4459	483363.09	3858377.25	4.08E-03	4.40E-03	6.91E-03	1.41E-06	4.26E-06	2.47E-06	2.66E-06	2.41E-06	1.10E-06	1.73E-06	4.71E-08	1.14E-06	2.51E-07	3.61E-07	5.73E-07	1.01E-07	9.07E-07	3.38E-06
4460	483863.09	3858377.25	4.53E-03	4.88E-03	7.66E-03	1.57E-06	4.73E-06	2.74E-06	2.95E-06	2.68E-06	1.22E-06	1.92E-06	5.24E-08	1.26E-06	2.79E-07	4.01E-07	6.36E-07	1.12E-07	1.01E-06	3.75E-06
4461	484363.09	3858377.25	5.22E-03	5.62E-03	8.81E-03	1.81E-06	5.45E-06	3.16E-06	3.40E-06	3.08E-06	1.41E-06	2.21E-06	6.03E-08	1.46E-06	3.21E-07	4.62E-07	7.32E-07	1.29E-07	1.16E-06	4.32E-06
4462	484863.09	3858377.25	6.03E-03	6.49E-03	1.02E-02	2.09E-06	6.30E-06	3.65E-06	3.93E-06	3.56E-06	1.63E-06	2.55E-06	6.97E-08	1.68E-06	3.71E-07	5.34E-07	8.46E-07	1.49E-07	1.34E-06	4.99E-06
4463	485363.09	3858377.25	6.99E-03	7.53E-03	1.18E-02	2.42E-06	7.30E-06	4.23E-06	4.55E-06	4.13E-06	1.88E-06	2.95E-06	8.08E-08	1.95E-06	4.30E-07	6.18E-07	9.81E-07	1.73E-07	1.55E-06	5.78E-06
4464	485863.09	3858377.25	8.36E-03	9.00E-03	1.41E-02	2.89E-06	8.73E-06	5.06E-06	5.44E-06	4.94E-06	2.25E-06	3.52E-06	9.66E-08	2.33E-06	5.15E-07	7.39E-07	1.17E-06	2.07E-07	1.85E-06	6.91E-06
4465	486363.09	3858377.25	1.03E-02	1.10E-02	1.72E-02	3.55E-06	1.07E-05	6.21E-06	6.68E-06	6.06E-06	2.76E-06	4.31E-06	1.19E-07	2.86E-06	6.32E-07	9.07E-07	1.44E-06	2.54E-07	2.26E-06	8.48E-06
4466	486863.09	3858377.25	1.30E-02	1.40E-02	2.18E-02	4.51E-06	1.36E-05	7.88E-06	8.48E-06	7.69E-06	3.51E-06	5.47E-06	1.51E-07	3.64E-06	8.02E-07	1.15E-06	1.83E-06	3.22E-07	2.87E-06	1.08E-05
4467	487363.09	3858377.25	1.89E-02	2.03E-02	3.16E-02	6.54E-06	1.97E-05	1.14E-05	1.23E-05	1.11E-05	5.09E-06	7.92E-06	2.18E-07	5.27E-06	1.16E-06	1.67E-06	2.65E-06	4.67E-07	4.16E-06	1.56E-05
4468	487863.09	3858377.25	6.01E-02	6.50E-02	1.05E-01	2.08E-05	6.28E-05	3.63E-05	3.93E-05	3.57E-05	1.63E-05	2.63E-05	6.94E-07	1.68E-05	3.70E-06	5.34E-06	8.47E-06	1.49E-06	1.38E-05	5.03E-05
4469	488363.09	3858377.25	3.90E-02	4.22E-02	6.76E-02	1.35E-05	4.08E-05	2.36E-05	2.55E-05	2.31E-05	1.06E-05	1.69E-05	4.51E-07	1.09E-05	2.41E-06	3.47E-06	5.50E-06	9.69E-07	8.88E-06	3.26E-05
4470	488863.09	3858377.25	2.29E-02	2.47E-02	3.91E-02	7.91E-06	2.39E-05	1.38E-05	1.49E-05	1.35E-05	6.17E-06	9.78E-06	2.64E-07	6.38E-06	1.41E-06	2.03E-06	3.21E-06	5.66E-07	5.13E-06	1.90E-05
4471	489363.09	3858377.25	1.71E-02	1.84E-02	2.92E-02	5.90E-06	1.78E-05	1.03E-05	1.11E-05	1.01E-05	4.61E-06	7.30E-06	1.97E-07	4.76E-06	1.05E-06	1.51E-06	2.40E-06	4.23E-07	3.83E-06	1.42E-05
4472	489863.09	3858377.25	1.37E-02	1.48E-02	2.34E-02	4.74E-06	1.43E-05	8.28E-06	8.94E-06	8.10E-06	3.70E-06	5.86E-06	1.58E-07	3.82E-06	8.44E-07	1.21E-06	1.93E-06	3.39E-07	3.08E-06	1.14E-05
4473	490363.09	3858377.25	1.14E-02	1.23E-02	1.95E-02	3.95E-06	1.19E-05	6.90E-06	7.45E-06	6.75E-06	3.08E-06	4.89E-06	1.32E-07	3.18E-06	7.03E-07	1.01E-06	1.60E-06	2.83E-07	2.57E-06	9.48E-06
4474	490863.09	3858377.25	9.73E-03	1.05E-02	1.67E-02	3.37E-06	1.02E-05	5.89E-06	6.36E-06	5.76E-06	2.63E-06	4.18E-06	1.12E-07	2.72E-06	5.99E-07	8.63E-07	1.37E-06	2.41E-07	2.19E-06	8.10E-06
4475	491363.09	3858377.25	8.20E-03	8.86E-03	1.41E-02	2.84E-06	8.57E-06	4.96E-06	5.36E-06	4.86E-06	2.22E-06	3.53E-06	9.48E-08	2.29E-06	5.05E-07	7.28E-07	1.15E-06	2.03E-07	1.86E-06	6.83E-06
4476	491863.09	3858377.25	6.11E-03	6.60E-03	1.06E-02	2.12E-06	6.39E-06	3.70E-06	4.00E-06	3.62E-06	1.65E-06	2.64E-06	7.07E-08	1.71E-06	3.77E-07	5.43E-07	8.61E-07	1.52E-07	1.39E-06	5.10E-06
4477	492363.09	3858377.25	3.85E-03	4.16E-03	6.63E-03	1.33E-06	4.03E-06	2.33E-06	2.52E-06	2.28E-06	1.04E-06	1.66E-06	4.45E-08	1.08E-06	2.37E-07	3.42E-07	5.42E-07	9.56E-08	8.71E-07	3.21E-06
4478	492863.09	3858377.25	3.93E-03	4.25E-03	6.77E-03	1.36E-06	4.11E-06	2.38E-06	2.57E-06	2.33E-06	1.06E-06	1.70E-06	4.55E-08	1.10E-06	2.42E-07	3.49E-07	5.54E-07	9.76E-08	8.90E-07	3.28E-06
4479	493363.09	3858377.25	3.26E-03	3.52E-03	5.61E-03	1.13E-06	3.41E-06	1.97E-06	2.13E-06	1.93E-06	8.81E-07	1.40E-06	3.77E-08	9.10E-07	2.01E-07	2.89E-07	4.59E-07	8.09E-08	7.37E-07	2.71E-06
4480	493863.09	3858377.25	2.89E-03	3.12E-03	4.97E-03	1.00E-06	3.02E-06	1.75E-06	1.89E-06	1.71E-06	7.81E-07	1.24E-06	3.34E-08	8.07E-07	1.78E-07	2.56E-07	4.07E-07	7.17E-08	6.53E-07	2.41E-06
4481	494363.09	3858377.25	2.52E-03	2.72E-03	4.33E-03	8.71E-07	2.63E-06	1.52E-06	1.64E-06	1.49E-06	6.80E-07	1.08E-06	2.91E-08	7.03E-07	1.55E-07	2.23E-07	3.54E-07	6.24E-08	5.68E-07	2.10E-06
4482	494863.09	3858377.25	2.22E-03	2.40E-03	3.82E-03	7.70E-07	2.32E-06	1.35E-06	1.45E-06	1.32E-06	6.01E-07	9.57E-07	2.57E-08	6.21E-07	1.37E-07	1.97E-07	3.13E-07	5.52E-08	5.02E-07	1.85E-06
4483	495363.09	3858377.25	1.92E-03	2.08E-03	3.31E-03	6.66E-07	2.01E-06	1.16E-06	1.26E-06	1.14E-06	5.20E-07	8.27E-07	2.22E-08	5.37E-07	1.19E-07	1.71E-07	2.71E-07	4.77E-08	4.34E-07	1.60E-06
4484	495863.09	3858377.25	1.84E-03	1.99E-03	3.17E-03	6.38E-07	1.93E-06	1.11E-06	1.20E-06	1.09E-06	4.98E-07	7.92E-07	2.13E-08	5.14E-07	1.13E-07	1.63E-07	2.59E-07	4.57E-08	4.16E-07	1.53E-06
4485	496363.09	3858377.25	1.75E-03	1.89E-03	3.01E-03	6.06E-07	1.83E-06	1.06E-06	1.14E-06	1.04E-06	4.73E-07	7.53E-07	2.02E-08	4.89E-07	1.08E-07	1.55E-07	2.46E-07	4.34E-08	3.95E-07	1.46E-06
4486	496863.09	3858377.25	1.79E-03	1.93E-03	3.08E-03	6.20E-07	1.87E-06	1.08E-06	1.17E-06	1.06E-06	4.84E-07	7.71E-07	2.07E-08	5.00E-07	1.10E-07	1.59E-07	2.52E-07	4.44E-08	4.05E-07	1.49E-06
4487	497363.09	3858377.25	1.76E-03	1.90E-03	3.03E-03	6.11E-07	1.84E-06	1.07E-06	1.15E-06	1.04E-06	4.77E-07	7.59E-07	2.04E-08	4.92E-07	1.09E-07	1.56E-07	2.48E-07	4.37E-08	3.98E-07	1.47E-06
4488	497863.09	3858377.25	1.91E-03	2.06E-03	3.29E-03	6.61E-07	2.00E-06	1.16E-06	1.25E-06	1.13E-06	5.16E-07	8.23E-07	2.21E-08	5.33E-07	1.18E-07	1.69E-07	2.69E-07	4.74E-08	4.32E-07	1.59E-06
4489	498363.09	3858377.25	2.12E-03	2.28E-03	3.64E-03	7.32E-07	2.21E-06	1.28E-06	1.38E-06	1.25E-06	5.72E-07	9.12E-07	2.45E-08	5.91E-07	1.30E-07	1.88E-07	2.98E-07	5.25E-08	4.79E-07	1.76E-06
4490	471363.09	3858877.25	3.97E-04	4.29E-04	6.80E-04	1.38E-07	4.15E-07	2.40E-07	2.59E-07	2.35E-07	1.07E-07	1.70E-07	4.59E-09	1.11E-07	2.45E-08	3.52E-08	5.59E-08	9.85E-09	8.93E-08	3.30E-07
4491	471863.09	3858877.25	4.11E-04	4.44E-04	7.03E-04	1.42E-07	4.30E-07	2.49E-07	2.69E-07	2.44E-07	1.11E-07	1.76E-07	4.76E-09	1.15E-07	2.53E-08	3.65E-08	5.79E-08	1.02E-08	9.24E-08	3.42E-07
4492	472363.09	3858877.25	4.48E-04	4.83E-04	7.66E-04	1.55E-07	4.68E-07	2.71E-07	2.92E-07	2.65E-07	1.21E-07	1.92E-07	5.18E-09	1.25E-07	2.76E-08	3.97E-08	6.30E-08	1.11E-08	1.01E-07	3.72E-07
4493	472863.09	3858877.25	4.82E-04	5.20E-04	8.25E-04	1.67E-07	5.04E-07	2.92E-07	3.15E-07	2.85E-07	1.30E-07	2.06E-07	5.57E-09	1.35E-07	2.97E-08	4.28E-08	6.78E-08	1.20E-08	1.08E-07	4.01E-07
4494	473363.09	3858877.25	5.38E-04	5.80E-04	9.20E-04	1.86E-07	5.62E-07	3.25E-07	3.51E-07	3.18E-07	1.45E-07	2.30E-07	6.22E-09	1.50E-07	3.31E-08	4.77E-08	7.56E-08	1.33E-08	1.21E-07	4.47E-07
4495	473863.09	3858877.25	5.51E-04	5.95E-04	9.44E-04	1.91E-07	5.76E-07	3.33E-07	3.60E-07	3.26E-07	1.49E-07	2.36E-07	6.37E-09	1.54E-07	3.39E-08	4.88E-08	7.75E-08	1.37E-08	1.24E-07	4.58E-07
4496	474363.09	3858877.25	4.99E-04	5.39E-04	8.54E-04	1.73E-07	5.22E-07	3.02E-07	3.26E-07	2.95E-07	1.35E-07	2.14E-07	5.77E-09	1.39E-07	3.08E-08	4.43E-08	7.02E-08	1.24E-08	1.12E-07	4.15E-07
4497	474863.09	3858877.25	2.25E-04	2.42E-04	3.82E-04	7.77E-08	2.35E-07	1.36E-07	1.46E-07	1.33E-07	6.06E-08	9.56E-08	2.60E-09	6.27E-08	1.38E-08	1.99E-08	3.16E-08	5.56E-09	5.02E-08	1.86E-07
4498	475363.09	3858877.25	1.69E-04	1.82E-04	2.87E-04	5.84E-08	1.76E-07	1.02E-07	1.10E-07	9.98E-08	4.55E-08	7.18E-08	1.95E-09	4.71E-08	1.04E-08	1.49E-08	2.37E-08	4.18E-09	3.77E-08	1.40E-07
4499	475863.09	3858877.25	1.95E-04	2.11E-04	3.32E-04	6.76E-08	2.04E-07	1.18E-07	1.27E-07	1.16E-07	5.27E-08	8.32E-08	2.26E-09	5.46E-08	1.20E-08	1.73E-08	2.75E-08	4.84E-09	4.36E-08	1.62E-07
4500	476363.09	3858877.25	1.28E-04	1.38E-04	2.16E-04	4.42E-08	1.33E-07	7.72E-08	8.32E-08	7.55E-08	3.44E-08	5.42E-08	1.48E-09	3.56E-08	7.86E-09	1.13E-08	1.79E-08	3.16E-09	2.84E-08	1.06E-07
4501	476863.09	3858877.25	1.62E-04	1.74E-04	2.75E-04	5.60E-08	1.69E-07	9.79E-08	1.06E-07	9.56E-08	4.36E-08	6.87E-08	1.87E-09	4.52E-08	9.96E-09	1.43E-08	2.27E-08	4.00E-09	3.61E-08	1.34E-07
4502	477363.09	3858877.25	1.67E-04	1.80E-04	2.84E-04	5.79E-08	1.75E-07	1.01E-07	1.09E-07	9.89E-08	4.51E-08	7.10E-08	1.93E-09	4.67E-08	1.03E-08	1.48E-08	2.35E-08	4.14E-09	3.73E-08	1.39E-07
4503	477863.09	3858877.25	2.09E-04	2.25E-04	3.54E-04	7.23E-08	2.18E-07	1.26E-07	1.36E-07	1.24E-07	5.64E-08	8.86E-08	2.41E-09	5.83E-08	1.29E-08	1.85E-08	2.93E-08	5.17E-09	4.65E-08	1.73E-07
4504	478363.09	3858877.25	4.39E-04	4.73E-04	7.46E-04	1.52E-07	4.58E-07	2.65E-07	2.86E-07	2.59E-07	1.18E-07	1.87E-07	5.07E-09	1.22E-07	2.70E-08	3.89E-08	6.16E-08	1.09E-08	9.80E-08	3.64E-07
4505	478863.09	3858877.25	3.68E-04	3.96E-04	6.24E-04	1.27E-07	3.84E-07	2.23E-07	2.40E-07	2.17E-07	9.92E-08	1.56E-07	4.25E-09	1.03E-07	2.27E-08	3.26E-08	5.17E-08	9.11E-09	8.20E-08	3.05E-07
4506	479363.09	3858877.25	3.00E-04	3.23E-04	5.08E-04	1.04E-07	3.14E-07	1.81E-07	1.96E-07	1.77E-07	8.09E-08	1.27E-07	3.47E-09	8.38E-08	1.85E-08	2.66E-08	4.21E-08	7.43E-09	6.68E-08	2.49E-07
4507	479863.09	3858877.25	1.45E-03	1.57E-03	2.49E-03	5.04E-07	1.52E-06	8.80E-07	9.50E-07	8.61E-07	3.93E-07	6.24E-07	1.68E-08	4.06E-07	8.96E-08	1.29E-07	2.05E-07	3.61E-08	3.27E-07	1.21E-06
4508	480363.09	3858877.25	1.71E-03	1.84E-03	2.92E-03	5.91E-07	1.78E-06	1.03E-06	1.11E-06	1.01E-06	4.61E-07	7.31E-07	1.97E-08	4.76E-07	1.05E-07	1.51E-07	2.40E-07	4.23E-08	3.84E-07	1.42E-06

4509	480863.09	3858877.25	1.93E-03	2.08E-03	3.30E-03	6.69E-07	2.02E-06	1.17E-06	1.26E-06	1.14E-06	5.22E-07	8.27E-07	2.23E-08	5.39E-07	1.19E-07	1.71E-07	2.72E-07	4.79E-08	4.34E-07	1.61E-06
4510	481363.09	3858877.25	2.15E-03	2.32E-03	3.67E-03	7.44E-07	2.25E-06	1.30E-06	1.40E-06	1.27E-06	5.80E-07	9.19E-07	2.48E-08	6.00E-07	1.32E-07	1.91E-07	3.02E-07	5.33E-08	4.82E-07	1.79E-06
4511	481863.09	3858877.25	2.42E-03	2.61E-03	4.13E-03	8.37E-07	2.53E-06	1.46E-06	1.58E-06	1.43E-06	6.53E-07	1.03E-06	2.79E-08	6.75E-07	1.49E-07	2.14E-07	3.40E-07	5.99E-08	5.42E-07	2.01E-06
4512	482363.09	3858877.25	2.66E-03	2.87E-03	4.55E-03	9.22E-07	2.78E-06	1.61E-06	1.74E-06	1.58E-06	7.19E-07	1.14E-06	3.08E-08	7.44E-07	1.64E-07	2.36E-07	3.74E-07	6.60E-08	5.97E-07	2.21E-06
4513	482863.09	3858877.25	3.01E-03	3.25E-03	5.14E-03	1.04E-06	3.15E-06	1.82E-06	1.96E-06	1.78E-06	8.13E-07	1.29E-06	3.48E-08	8.40E-07	1.85E-07	2.67E-07	4.23E-07	7.46E-08	6.74E-07	2.50E-06
4514	483363.09	3858877.25	3.38E-03	3.65E-03	5.73E-03	1.17E-06	3.54E-06	2.05E-06	2.21E-06	2.00E-06	9.13E-07	1.43E-06	3.91E-08	9.45E-07	2.08E-07	3.00E-07	4.75E-07	8.37E-08	7.53E-07	2.80E-06
4515	483863.09	3858877.25	3.68E-03	3.96E-03	6.22E-03	1.27E-06	3.84E-06	2.22E-06	2.40E-06	2.17E-06	9.91E-07	1.56E-06	4.25E-08	1.03E-06	2.26E-07	3.25E-07	5.16E-07	9.10E-08	8.17E-07	3.04E-06
4516	484363.09	3858877.25	4.09E-03	4.41E-03	6.92E-03	1.42E-06	4.28E-06	2.48E-06	2.67E-06	2.42E-06	1.10E-06	1.73E-06	4.73E-08	1.14E-06	2.52E-07	3.62E-07	5.75E-07	1.01E-07	9.09E-07	3.39E-06
4517	484863.09	3858877.25	4.56E-03	4.92E-03	7.71E-03	1.58E-06	4.77E-06	2.76E-06	2.98E-06	2.70E-06	1.23E-06	1.93E-06	5.28E-08	1.27E-06	2.81E-07	4.04E-07	6.41E-07	1.13E-07	1.01E-06	3.78E-06
4518	485363.09	3858877.25	5.08E-03	5.47E-03	8.57E-03	1.76E-06	5.31E-06	3.07E-06	3.31E-06	3.00E-06	1.37E-06	2.14E-06	5.87E-08	1.42E-06	3.13E-07	4.49E-07	7.13E-07	1.26E-07	1.13E-06	4.20E-06
4519	485863.09	3858877.25	5.72E-03	6.17E-03	9.65E-03	1.98E-06	5.98E-06	3.46E-06	3.73E-06	3.38E-06	1.54E-06	2.42E-06	6.62E-08	1.60E-06	3.53E-07	5.07E-07	8.04E-07	1.42E-07	1.27E-06	4.74E-06
4520	486363.09	3858877.25	6.35E-03	6.84E-03	1.07E-02	2.20E-06	6.64E-06	3.85E-06	4.14E-06	3.75E-06	1.71E-06	2.68E-06	7.35E-08	1.77E-06	3.92E-07	5.62E-07	8.92E-07	1.57E-07	1.41E-06	5.26E-06
4521	486863.09	3858877.25	7.11E-03	7.66E-03	1.20E-02	2.46E-06	7.44E-06	4.31E-06	4.64E-06	4.20E-06	1.92E-06	2.99E-06	8.22E-08	1.99E-06	4.38E-07	6.29E-07	9.98E-07	1.76E-07	1.57E-06	5.88E-06
4522	487363.09	3858877.25	8.21E-03	8.84E-03	1.37E-02	2.84E-06	8.58E-06	4.97E-06	5.35E-06	4.85E-06	2.21E-06	3.44E-06	9.49E-08	2.29E-06	5.06E-07	7.26E-07	1.15E-06	2.03E-07	1.81E-06	6.78E-06
4523	487863.09	3858877.25	9.13E-03	9.82E-03	1.51E-02	3.16E-06	9.55E-06	5.53E-06	5.94E-06	5.39E-06	2.46E-06	3.79E-06	1.06E-07	2.55E-06	5.63E-07	8.07E-07	1.28E-06	2.26E-07	1.99E-06	7.52E-06
4524	488363.09	3858877.25	1.06E-02	1.14E-02	1.70E-02	3.68E-06	1.11E-05	6.44E-06	6.89E-06	6.25E-06	2.85E-06	4.26E-06	1.23E-07	2.97E-06	6.56E-07	9.36E-07	1.48E-06	2.62E-07	2.23E-06	8.67E-06
4525	488863.09	3858877.25	2.33E-02	2.43E-02	2.95E-02	8.07E-06	2.44E-05	1.41E-05	1.47E-05	1.34E-05	6.09E-06	7.38E-06	2.69E-07	6.51E-06	1.44E-06	2.00E-06	3.17E-06	5.59E-07	3.87E-06	1.78E-05
4526	489363.09	3858877.25	1.08E-02	1.16E-02	1.74E-02	3.75E-06	1.13E-05	6.55E-06	7.02E-06	6.36E-06	2.90E-06	4.35E-06	1.25E-07	3.02E-06	6.67E-07	9.53E-07	1.51E-06	2.66E-07	2.28E-06	8.83E-06
4527	489863.09	3858877.25	9.25E-03	9.95E-03	1.54E-02	3.20E-06	9.67E-06	5.60E-06	6.02E-06	5.46E-06	2.49E-06	3.86E-06	1.07E-07	2.58E-06	5.70E-07	8.18E-07	1.30E-06	2.29E-07	2.02E-06	7.63E-06
4528	490363.09	3858877.25	8.22E-03	8.86E-03	1.39E-02	2.85E-06	8.60E-06	4.98E-06	5.36E-06	4.86E-06	2.22E-06	3.49E-06	9.51E-08	2.30E-06	5.07E-07	7.28E-07	1.16E-06	2.04E-07	1.83E-06	6.81E-06
4529	490863.09	3858877.25	7.12E-03	7.69E-03	1.22E-02	2.47E-06	7.45E-06	4.31E-06	4.65E-06	4.22E-06	1.92E-06	3.05E-06	8.23E-08	1.99E-06	4.39E-07	6.32E-07	1.00E-06	1.77E-07	1.60E-06	5.92E-06
4530	491363.09	3858877.25	5.64E-03	6.09E-03	9.71E-03	1.95E-06	5.89E-06	3.41E-06	3.68E-06	3.34E-06	1.52E-06	2.43E-06	6.52E-08	1.57E-06	3.47E-07	5.00E-07	7.94E-07	1.40E-07	1.28E-06	4.70E-06
4531	491863.09	3858877.25	3.98E-03	4.29E-03	6.84E-03	1.38E-06	4.16E-06	2.41E-06	2.60E-06	2.36E-06	1.07E-06	1.71E-06	4.60E-08	1.11E-06	2.45E-07	3.53E-07	5.60E-07	9.86E-08	8.98E-07	3.31E-06
4532	492363.09	3858877.25	4.32E-03	4.66E-03	7.44E-03	1.49E-06	4.51E-06	2.61E-06	2.82E-06	2.56E-06	1.17E-06	1.86E-06	4.99E-08	1.21E-06	2.66E-07	3.83E-07	6.08E-07	1.07E-07	9.77E-07	3.60E-06
4533	492863.09	3858877.25	4.53E-03	4.90E-03	7.81E-03	1.57E-06	4.74E-06	2.74E-06	2.96E-06	2.69E-06	1.23E-06	1.95E-06	5.24E-08	1.27E-06	2.79E-07	4.02E-07	6.38E-07	1.12E-07	1.03E-06	3.78E-06
4534	493363.09	3858877.25	3.99E-03	4.31E-03	6.88E-03	1.38E-06	4.17E-06	2.42E-06	2.61E-06	2.37E-06	1.08E-06	1.72E-06	4.62E-08	1.12E-06	2.46E-07	3.54E-07	5.62E-07	9.91E-08	9.04E-07	3.33E-06
4535	493863.09	3858877.25	3.21E-03	3.46E-03	5.52E-03	1.11E-06	3.35E-06	1.94E-06	2.09E-06	1.90E-06	8.67E-07	1.38E-06	3.71E-08	8.95E-07	1.98E-07	2.84E-07	4.51E-07	7.95E-08	7.25E-07	2.67E-06
4536	494363.09	3858877.25	2.89E-03	3.12E-03	4.97E-03	1.00E-06	3.02E-06	1.75E-06	1.89E-06	1.71E-06	7.81E-07	1.24E-06	3.34E-08	8.06E-07	1.78E-07	2.56E-07	4.07E-07	7.16E-08	6.53E-07	2.41E-06
4537	494863.09	3858877.25	2.55E-03	2.75E-03	4.38E-03	8.82E-07	2.66E-06	1.54E-06	1.66E-06	1.51E-06	6.88E-07	1.10E-06	2.94E-08	7.11E-07	1.57E-07	2.26E-07	3.58E-07	6.32E-08	5.76E-07	2.12E-06
4538	495363.09	3858877.25	2.25E-03	2.43E-03	3.87E-03	7.78E-07	2.35E-06	1.36E-06	1.47E-06	1.33E-06	6.08E-07	9.68E-07	2.60E-08	6.28E-07	1.39E-07	2.00E-07	3.16E-07	5.58E-08	5.08E-07	1.87E-06
4539	495863.09	3858877.25	2.09E-03	2.26E-03	3.59E-03	7.24E-07	2.19E-06	1.26E-06	1.37E-06	1.24E-06	5.65E-07	9.00E-07	2.42E-08	5.84E-07	1.29E-07	1.85E-07	2.94E-07	5.19E-08	4.72E-07	1.74E-06
4540	496363.09	3858877.25	2.02E-03	2.19E-03	3.48E-03	7.01E-07	2.12E-06	1.22E-06	1.32E-06	1.20E-06	5.47E-07	8.71E-07	2.34E-08	5.65E-07	1.25E-07	1.80E-07	2.85E-07	5.02E-08	4.57E-07	1.68E-06
4541	496863.09	3858877.25	1.97E-03	2.12E-03	3.38E-03	6.81E-07	2.06E-06	1.19E-06	1.28E-06	1.16E-06	5.31E-07	8.47E-07	2.27E-08	5.49E-07	1.21E-07	1.74E-07	2.77E-07	4.88E-08	4.44E-07	1.64E-06
4542	497363.09	3858877.25	1.90E-03	2.06E-03	3.28E-03	6.59E-07	1.99E-06	1.15E-06	1.24E-06	1.13E-06	5.15E-07	8.20E-07	2.20E-08	5.32E-07	1.17E-07	1.69E-07	2.68E-07	4.72E-08	4.31E-07	1.59E-06
4543	497863.09	3858877.25	2.08E-03	2.25E-03	3.59E-03	7.21E-07	2.18E-06	1.26E-06	1.36E-06	1.23E-06	5.63E-07	8.98E-07	2.41E-08	5.82E-07	1.28E-07	1.85E-07	2.93E-07	5.17E-08	4.71E-07	1.74E-06
4544	498363.09	3858877.25	2.23E-03	2.41E-03	3.85E-03	7.73E-07	2.33E-06	1.35E-06	1.46E-06	1.32E-06	6.04E-07	9.63E-07	2.58E-08	6.23E-07	1.38E-07	1.98E-07	3.14E-07	5.54E-08	5.05E-07	1.86E-06
4545	471363.09	3859377.25	4.06E-04	4.38E-04	6.95E-04	1.41E-07	4.25E-07	2.46E-07	2.65E-07	2.40E-07	1.10E-07	1.74E-07	4.70E-09	1.13E-07	2.50E-08	3.60E-08	5.71E-08	1.01E-08	9.13E-08	3.38E-07
4546	471863.09	3859377.25	4.29E-04	4.63E-04	7.35E-04	1.49E-07	4.49E-07	2.60E-07	2.80E-07	2.54E-07	1.16E-07	1.84E-07	4.96E-09	1.20E-07	2.65E-08	3.81E-08	6.04E-08	1.06E-08	9.65E-08	3.57E-07
4547	472363.09	3859377.25	4.68E-04	5.05E-04	8.02E-04	1.62E-07	4.89E-07	2.83E-07	3.06E-07	2.77E-07	1.26E-07	2.01E-07	5.41E-09	1.31E-07	2.88E-08	4.15E-08	6.58E-08	1.16E-08	1.05E-07	3.89E-07
4548	472863.09	3859377.25	5.03E-04	5.43E-04	8.62E-04	1.74E-07	5.26E-07	3.04E-07	3.29E-07	2.98E-07	1.36E-07	2.16E-07	5.82E-09	1.41E-07	3.10E-08	4.46E-08	7.08E-08	1.25E-08	1.13E-07	4.19E-07
4549	473363.09	3859377.25	5.47E-04	5.90E-04	9.37E-04	1.89E-07	5.72E-07	3.31E-07	3.57E-07	3.24E-07	1.48E-07	2.35E-07	6.32E-09	1.53E-07	3.37E-08	4.85E-08	7.69E-08	1.36E-08	1.23E-07	4.55E-07
4550	473863.09	3859377.25	5.74E-04	6.20E-04	9.84E-04	1.99E-07	6.00E-07	3.48E-07	3.75E-07	3.40E-07	1.55E-07	2.46E-07	6.64E-09	1.60E-07	3.54E-08	5.09E-08	8.08E-08	1.42E-08	1.29E-07	4.78E-07
4551	474363.09	3859377.25	5.11E-04	5.52E-04	8.75E-04	1.77E-07	5.34E-07	3.09E-07	3.34E-07	3.03E-07	1.38E-07	2.19E-07	5.91E-09	1.43E-07	3.15E-08	4.53E-08	7.19E-08	1.27E-08	1.15E-07	4.25E-07
4552	474863.09	3859377.25	3.59E-04	3.87E-04	6.12E-04	1.24E-07	3.75E-07	2.17E-07	2.34E-07	2.12E-07	9.69E-08	1.53E-07	4.15E-09	1.00E-07	2.21E-08	3.18E-08	5.05E-08	8.89E-09	8.04E-08	2.98E-07
4553	475363.09	3859377.25	2.28E-04	2.46E-04	3.88E-04	7.91E-08	2.39E-07	1.38E-07	1.49E-07	1.35E-07	6.16E-08	9.72E-08	2.64E-09	6.38E-08	1.41E-08	2.02E-08	3.21E-08	5.66E-09	5.10E-08	1.89E-07
4554	475863.09	3859377.25	1.51E-04	1.63E-04	2.57E-04	5.24E-08	1.58E-07	9.15E-08	9.87E-08	8.95E-08	4.08E-08	6.43E-08	1.75E-09	4.22E-08	9.32E-09	1.34E-08	2.13E-08	3.75E-09	3.37E-08	1.25E-07
4555	476363.09	3859377.25	1.38E-04	1.49E-04	2.34E-04	4.77E-08	1.44E-07	8.35E-08	9.00E-08	8.16E-08	3.72E-08	5.86E-08	1.59E-09	3.85E-08	8.50E-09	1.22E-08	1.94E-08	3.41E-09	3.07E-08	1.14E-07
4556	476863.09	3859377.25	1.14E-04	1.23E-04	1.93E-04	3.95E-08	1.19E-07	6.91E-08	7.44E-08	6.75E-08	3.08E-08	4.83E-08	1.32E-09	3.19E-08	7.03E-09	1.01E-08	1.60E-08	2.83E-09	2.54E-08	9.45E-08
4557	477363.09	3859377.25	1.24E-04	1.34E-04	2.10E-04	4.31E-08	1.30E-07	7.53E-08	8.11E-08	7.35E-08	3.35E-08	5.25E-08	1.44E-09	3.47E-08	7.66E-09	1.10E-08	1.75E-08	3.08E-09	2.76E-08	1.03E-07
4558	477863.09	3859377.25	2.30E-04	2.48E-04	3.89E-04	7.95E-08	2.40E-07	1.39E-07	1.50E-07	1.36E-07	6.19E-08	9.74E-08	2.65E-09	6.41E-08	1.41E-08	2.03E-08	3.23E-08	5.69E-09	5.11E-08	1.90E-07
4559	478363.09	3859377.25	3.75E-04	4.04E-04	6.37E-04	1.30E-07	3.92E-07	2.27E-07	2.45E-07	2.22E-07	1.01E-07	1.59E-07	4.33E-09	1.05E-07	2.31E-08	3.32E-08	5.27E-08	9.29E-09	8.37E-08	3.11E-07
4560	478863.09	3859377.25	6.47E-04	6.98E-04	1.11E-03	2.24E-07	6.76E-07	3.92E-07	4.22E-07	3.83E-07	1.75E-07	2.77E-07	7.48E-09	1.81E-07	3.99E-08	5.74E-08	9.10E-08	1.60E-08	1.45E-07	5.38E-07
4561	479363.09	3859377.25	9.67E-04	1.04E-03	1.66E-03	3.35E-07	1.01E-06	5.85E-07	6.31E-07	5.72E-07	2.61E-07	4.14E-07	1.12E-08	2.70E-07	5.96E-08	8.57E-08	1.36E-07	2.40E-08	2.18E-07	8.04E-07
4562	479863.09	3859377.25	1.27E-03	1.38E-03	2.18E-03	4.41E-07	1.33E-06	7.71E-07	8.32E-07	7.55E-07	3.44E-07	5.46E-07	1.47E-08	3.56E-07	7.85E-08	1.13E-07	1.79E-07	3.16E-08	2.87E-07	1.06E-06
4563	480363.09	3859377.25	1.56E-03	1.68E-03	2.67E-03	5.40E-07	1.63E-06	9.43E-07	1.02E-06	9.23E-07	4.21E-07	6.67E-07	1.80E-08	4.35E-07	9.60E-08	1.38E-07	2.19E-07	3.86E-08	3.50E-07	1.30E-06
4564	480863.09	3859377.25	1.76E-03	1.90E-03	3.01E-03	6.10E-07	1.84E-06	1.07E-06	1.15E-06	1.04E-06	4.76E-07	7.53E-07	2.04E-08	4.92E-07	1.09E-07	1.56E-07	2.48E-07	4.37E-08	3.95E-07	1.46E-06
4565	481363.09	3859377.25	1.96E-03	2.11E-03	3.34E-03	6.78E-07	2.05E-06	1.18E-06	1.28E-06	1.16E-06	5.28E-07	8.35E-07	2.26E-08	5.47E-07	1.21E-07	1.73E-07	2.75E-07	4.85E-08	4.38E-07	1.63E-06
4566	481863.09	3859377.25	2.16E-03	2.33E-03	3.69E-03	7.48E-07	2.26E-06	1.31E-06	1.41E-06	1.28E-06	5.83E-07	9.22E-07	2.50E-08	6.03E-07	1.33E-07	1.92E-07	3.04E-07	5.35E-08	4.84E-07	1.79E-06
4567	482363.09	3859377.25	2.36E-03	2.55E-03	4.02E-03	8.17E-07	2.47E-06	1.43E-06	1.54E-06	1.40E-06	6.37E-07	1.01E-06	2.73E-08	6.59E-07	1.45E-07	2.09E-07	3.32E-07	5.85E-08	5.29E-07	1.96E-06
4568	482863.09	3859377.25	2.62E-03	2.82E-03	4.46E-03	9.06E-07	2.73E-06	1.58E-06	1.71E-06	1.55E-06	7.06E-07	1.11E-06	3.02E-08	7.31E-07	1.61E-07	2.32E-07	3.68E-07	6.48E-08	5.85E-07	2.17E-06
4569	483363.09	3859377.25	2.89E-03	3.11E-03	4.90E-03	9.99E-07	3.02E-06	1.75E-06	1.88E-06	1.71E-06	7.79E-07	1.23E-06	3.34E-08	8.06E-07	1.78E-07	2.56E-07	4.05E-07	7.15E-08	6.44E-07	2.39E-06
4570	483863.09	3859377.25	3.00E-03	3.23E-03	5.07E-03	1.04E-06	3.14E-06	1.82E-06	1.96E-06	1.77E-06	8.09E-07	1.27E-06	3.47E-08	8.38E-07	1.85E-07	2.66E-07	4.21E-07	7.43E-08	6.66E-07	2.48E-06
4571	484363.09	3859377.25	3.26E-03	3.51E-03	5.51E-03	1.13E-06	3.41E-06	1.97E-06	2.13E-06	1.93E-06	8.80E-07	1.38E-06	3.77E-08	9.11E-07	2.01E-07	2.89E-07	4.58E-07	8.07E-08	7.24E-07	2.70E-06
4572	484863.09	3859377.25	3.55E-03	3.83E-03	6.01E-03	1.23E-06	3.72E-06	2.15E-06	2.32E-06	2.10E-06	9.59E-07	1.50E-06	4.11E-08	9.93E-07	2.19E-07	3.15E-07	4.99E-07	8.80E-08	7.89E-07	2.94E-06
4573	485363.09	3859377.25	3.82E-03	4.12E-03	6.45E-03	1.32E-06	4.00E-06	2.31E-06	2.49E-06	2.26E-06	1.03E-06	1.62E-06	4.42E-08	1.07E-06	2.36E-07	3.38E-07	5.37E-07	9.46E-08	8.48E-07	3.16E-06
4574	485863.09	3859377.25	4.07E-03	4.39E-03	6.86E-03	1.41E-06	4.25E-06	2.46E-06	2.65E-06	2.41E-06	1.10E-06	1.72E-06	4.71E-08	1.14E-06	2.51E-07	3.60E-07	5.71E-07	1.01E-07	9.02E-07	3.37E-06
4575	486363.09	3859377.25	4.33E-03	4.67E-03	7.30E-03	1.50E-06	4.53E-06	2.62E-06	2.82E-06	2.56E-06	1.17E-06	1.83E-06	5.01E-08	1.21E-06	2.67E-07	3.83E-07	6.08E-07	1.07E-07	9.58E-07	3.58E-06
4576	486863.09	3859377.25	4.57E-03	4.92E-03	7.68E-03	1.58E-06	4.77E-06	2.76E-06	2.98E-06	2.70E-06	1.23E-06	1.92E-06	5.28E-08	1.28E-06	2.81E-07	4.04E-07	6.41E-07	1.13E-07	1.01E-06	3.78E-06
4577	487363.09	3859377.25	4.79E-03	5.16E-03	8.04E-03	1.66E-06	5.01E-06	2.90E-06	3.12E-06	2.83E-06	1.29E-06	2.01E-06	5.54E-08	1.34E-06	2.95E-07	4.24E-07	6.73E-07	1.19E-07	1.06E-06	3.96E-06
4578	487863.09	3859377.25	5.05E-03	5.44E-03	8.44E-03	1.75E-06	5.28E-06	3.06E-06	3.29E-06	2.98E-06	1.36E-06	2.11E-06	5.84E-08	1.41E-06	3.11E-07	4.47E-07	7.09E-07	1.25E-07	1.11E-06	4.17E-06
4579	488363.09	3859377.25	5.33E-03	5.74E-03	8.89E-03	1.85E-06	5.57E-06	3.23E-06	3.47E-06	3.15E-06	1.44E-06	2.22E-06	6.16E-08	1.49E-06	3.29E-07	4.71E-07	7.48E-07	1.32E-07	1.17E-06	4.40E-06
4580	488863.09	3859377.25	5.47E-03	5.89E-03	9.16E-03	1.89E-06	5.71E-06	3.31E-06	3.56E-06	3.23E-06	1.47E-06	2.29E-06	6.32E-08	1.53E-06	3.37E-07	4.83E-07	7.67E-07	1.35E-07	1.20E-06	4.52E-06
4581	489363.09	3859377.25	5.27E-03	5.67E-03	8.84E-03	1.82E-06	5.50E-06	3.19E-06	3.43E-06	3.11E-06	1.42E-06	2.21E-06	6.09E-08	1.47E-06	3.24E-07	4.66E-07	7.39E-07	1.30E-07	1.16E-06	4.35E-06
4582	489863.09	3859377.25	5.41E-03	5.83E-03	9.09E-03	1.87E-06	5.66E-06	3.27E-06	3.53E-06	3.20E-06	1.46E-06	2.28E-06	6.26E-08	1.51E-06	3.33E-07	4.79E-07	7.59E-07	1.34E-07	1.19E-06	4.47E-06
4583	490363.09	3859377.25	5.42E-03	5.84E-03	9.18E-03	1.87E-06	5.66E-06	3.28E-06	3.53E-06	3.20E-06	1.46E-06	2.30E-06	6.26E-08	1.51E-06	3.34E-07	4.80E-07	7.61E-07	1.34E-07	1.21E-06	4.49E-06
4584	490863.09	3859377.25	5.10E-03	5.50E-03	8.71E-03	1.76E-06	5.33E-06	3.08E-06	3.33E-06	3.02E-06	1.38E-06	2.18E-06	5.89E-08	1.42E-06	3.14E-07	4.52E-07	7.17E-07	1.26E-07	1.14E-06	4.23E-06
4585	491363.09	3859377.25	4.10E-03	4.43E-03	7.05E-03	1.42E-06	4.29E-06	2.48E-06	2.68E-06	2.43E-06	1.11E-06	1.77E-06	4.74E-08	1.14E-06	2.53E-07	3.64E-07	5.77E-07	1.02E-07	9.26E-07	3.41E-06
4586	491863.09	3859377.25	4.42E-03	4.77E-03	7.59E-03	1.53E-06	4.62E-06	2.67E-06	2.89E-06	2.62E-06	1.19E-06	1.90E-06	5.11E-08	1.23E-06	2.72E-07	3.92E-07	6.22E-07	1.10E-07	9.97E-07	3.68E-06
4587	492363.09	3859377.25	4.17E-03	4.51E-03	7.17E-03	1.45E-06	4.36E-06	2.53E-06	2.73E-06	2.47E-06	1.13E-06	1.79E-06	4.83E-08	1.17E-06	2.57E-07	3.70E-07	5.87E-07	1.04E-07	9.42E-07	3.47E-06
4588	492863.09	3859377.25	3.98E-03	4.29E-03	6.83E-03	1.38E-06	4.16E-06	2.41E-06	2.60E-06	2.35E-06	1.07E-06	1.71E-06	4.60E-08	1.11E-06	2.45E-07	3.53E-07	5.59E-07	9.86E-08	8.97E-07	3.31E-06
4589	493363.09	3859377.25	3.62E-03	3.90E-03	6.22E-03	1.25E-06	3.78E-06	2.19E-06	2.36E-06	2.14E-06	9.77E-07	1.56E-06	4.18E-08	1.01E-06	2.23E-07	3.21E-07	5.09E-07	8.97E-08	8.17E-07	3.01E-06
4590	493863.09	3859377.25	3.43E-03	3.70E-03	5.90E-03	1.19E-06	3.58E-06	2.07E-06	2.24E-06	2.03E-06	9.26E-07	1.48E-06	3.96E-08	9.57E-07	2.11E-07	3.04E-07	4.82E-07	8.50E-08	7.75E-07	2.85E-06
4591	494363.09	3859377.25	3.16E-03	3.41E-03	5.44E-03	1.09E-06	3.30E-06	1.91E-06	2.06E-06	1.87E-06	8.54E-07	1.36E-06	3.65E-08	8.82E-07	1.95E-07	2.80E-07	4.45E-07	7.84E-08	7.14E-07	2.63E-06
4592	494863.09	3859377.25	2.72E-03	2.94E-03	4.69E-03	9.42E-07	2.84E-06	1.65E-06	1.78E-06	1.61E-06	7.36E-07	1.17E-06	3.15E-08	7.60E-07	1.68E-07	2.42E-07	3.83E-07	6.75E-08	6.16E-07	2.27E-06
4593	495363.09	3859377.25	2.57E-03	2.78E-03	4.43E-03	8.91E-07	2.69E-06	1.56E-06	1.68E-06	1.52E-06	6.95E-07	1.11E-06	2.97E-08	7.18E-07	1.59E-07	2.28E-07	3.62E-07	6.38E-08	5.82E-07	2.14E-06
4594	495863.09	3859377.25	2.36E-03	2.55E-03	4.07E-03	8.19E-07	2.47E-06	1.43E-06	1.55E-06	1.40E-06	6.39E-07	1.02E-06	2.73E-08	6.60E-07	1.46E-07	2.10E-07	3.33E-07	5.87E-08	5.35E-07	1.97E-06
4595	496363.09	3859377.25	2.31E-03	2.50E-03	3.98E-03	8.01E-07	2.42E-06	1.40E-06	1.51E-06	1.37E-06	6.25E-07	9.97E-07	2.67E-08	6.46E-07	1.42E-07	2.05E-07	3.26E-07	5.74E-08	5.23E-07	1.93E-06
4596	496863.09	3859377.25	2.07E-03	2.23E-03	3.56E-03	7.16E-07	2.16E-06	1.25E-06	1.35E-06	1.23E-06	5.59E-07	8.92E-07	2.39E-08	5.78E-07	1.27E-07	1.84E-07	2.91E-07	5.13E-08	4.68E-07	1.72E-06
4597	497363.09	3859377.25	2.11E-03	2.28E-03	3.64E-03	7.31E-07	2.21E-06	1.28E-06	1.38E-06	1.25E-06	5.71E-07	9.10E-07	2.44E-08	5.90E-07	1.30E-07	1.87E-07	2.97E-07	5.24E-08	4.78E-07	1.76E-06
4598	497863.09	3859377.25	2.23E-03	2.41E-03	3.84E-03	7.71E-07	2.33E-06	1.35E-06	1.46E-06	1.32E-06	6.02E-07	9.61E-07	2.58E-08	6.22E-07	1.37E-07	1.98E-07	3.14E-07	5.53E-08	5.04E-07	1.86E-06
4599	498363.09	3859377.25	2.26E-03	2.44E-03	3.89E-03	7.81E-07	2.36E-06	1.37E-06	1.48E-06	1.34E-06	6.10E-07	9.73E-07	2.61E-08	6.30E-07	1.39E-07	2.00E-07	3.18E-07	5.60E-08	5.11E-07	1.88E-06
4600	471363.09	3859877.25	4.21E-04	4.54E-04	7.21E-04	1.46E-07	4.40E-07	2.55E-07	2.75E-07	2.49E-07	1.14E-07	1.80E-07	4.87E-09	1.18E-07	2.59E-08	3.73E-08	5.92E-08	1.04E-08	9.47E-08	3.50E-07
4601	471863.09	3859877.25	4.49E-04	4.85E-04	7.70E-04	1.55E-07	4.69E-07	2.72E-07	2.93E-07	2.66E-07	1.21E-07	1.93E-07	5.19E-09	1.25E-07	2.77E-08	3.98E-08	6.32E-08	1.11E-08	1.01E-07	3.73E-07
4602	472363.09	3859877.25	4.74E-04	5.11E-04	8.12E-04	1.64E-07	4.95E-07	2.87E-07	3.09E-07	2.80E-07	1.28E-07	2.03E-07	5.47E-09	1.32E-07	2.92E-08	4.20E-08	6.66E-08	1.17E-08	1.07E-07	3.94E-07
4603	472863.09	3859877.25	5.12E-04	5.52E-04	8.77E-04	1.77E-07	5.35E-07	3.10E-07	3.34E-07	3.03E-07	1.38E-07	2.19E-07	5.91E-09	1.43E-07	3.15E-08	4.54E-08	7.20E-08	1.27E-08	1.15E-07	4.26E-07
4604	473363.09	3859877.25	5.49E-04	5.92E-04	9.39E-04	1.90E-07	5.74E-07	3.32E-07	3.58E-07	3.25E-07	1.48E-07	2.35E-07	6.34E-09	1.53E-07	3.38E-08	4.87E-08	7.72E-08	1.36E-08	1.23E-07	4.56E-07
4605	473863.09	3859877.25	5.81E-04	6.27E-04	9.93E-04	2.01E-07	6.07E-07	3.51E-07	3.79E-07	3.44E-07	1.57E-07	2.49E-07	6.71E-09	1.62E-07	3.58E-08	5.15E-08	8.17E-08	1.44E-08	1.30E-07	4.83E-07
4606	474363.09	3859877.25	5.46E-04	5.89E-04	9.33E-04	1.89E-07	5.70E-07	3.30E-07	3.56E-07	3.23E-07	1.47E-07	2.33E-07	6.31E-09	1.52E-07	3.36E-08	4.84E-08	7.67E-08	1.35E-08	1.23E-07	4.53E-07
4607	474863.09	3859877.25	4.61E-04	4.98E-04	7.88E-04	1.60E-07	4.82E-07	2.79E-07	3.01E-07	2.73E-07	1.25E-07	1.97E-07	5.33E-09	1.29E-07	2.84E-08	4.09E-08	6.48E-08	1.14E-08	1.03E-07	3.83E-07
4608	475363.09	3859877.25	2.76E-04	2.97E-04	4.69E-04	9.54E-08	2.88E-07	1.67E-07	1.80E-07	1.63E-07	7.44E-08	1.17E-07	3.18E-09	7.69E-08	1.70E-08	2.44E-08	3.87E-08	6.82E-09	6.16E-08	2.29E-07
4609	475863.09	3859877.25	1.46E-04	1.57E-04	2.47E-04	5.04E-08	1.52E-07	8.81E-08	9.49E-08	8.61E-08	3.93E-08	6.18E-08	1.68E-09	4.06E-08	8.97E-09	1.29E-08	2.04E-08	3.60E-09	3.24E-08	1.21E-07
4610	476363.09	3859877.25	9.29E-05	1.00E-04	1.57E-04	3.22E-08	9.71E-08	5.62E-08	6.06E-08	5.49E-08	2.50E-08	3.92E-08	1.07E-09	2.59E-08	5.72E-09	8.22E-09	1.30E-08	2.30E-09	2.06E-08	7.69E-08
4611	476863.09	3859877.25	1.07E-04	1.15E-04	1.81E-04	3.70E-08	1.12E-07	6.48E-08	6.98E-08	6.32E-08	2.89E-08	4.52E-08	1.24E-09	2.99E-08	6.59E-09	9.47E-09	1.50E-08	2.65E-09	2.37E-08	8.86E-08
4612	477363.09	3859877.25	1.14E-04	1.23E-04	1.92E-04	3.95E-08	1.19E-07	6.91E-08	7.44E-08	6.74E-08	3.08E-08	4.81E-08	1.32E-09	3.19E-08	7.03E-09	1.01E-08	1.60E-08	2.82E-09	2.52E-08	9.44E-08
4613	477863.09	3859877.25	2.04E-04	2.20E-04	3.45E-04	7.06E-08	2.13E-07	1.23E-07	1.33E-07	1.21E-07	5.50E-08	8.64E-08	2.36E-09	5.70E-08	1.26E-08	1.81E-08	2.87E-08	5.05E-09	4.54E-08	1.69E-07

4614	478363.09	3859877.25	3.69E-04	3.98E-04	6.27E-04	1.28E-07	3.86E-07	2.23E-07	2.41E-07	2.18E-07	9.96E-08	1.57E-07	4.27E-09	1.03E-07	2.27E-08	3.27E-08	5.19E-08	9.14E-09	8.24E-08	3.06E-07
4615	478863.09	3859877.25	6.34E-04	6.84E-04	1.08E-03	2.20E-07	6.63E-07	3.84E-07	4.14E-07	3.75E-07	1.71E-07	2.71E-07	7.33E-09	1.77E-07	3.91E-08	5.62E-08	8.92E-08	1.57E-08	1.42E-07	5.27E-07
4616	479363.09	3859877.25	9.82E-04	1.06E-03	1.68E-03	3.40E-07	1.03E-06	5.94E-07	6.42E-07	5.82E-07	2.65E-07	4.21E-07	1.14E-08	2.74E-07	6.05E-08	8.71E-08	1.38E-07	2.44E-08	2.21E-07	8.17E-07
4617	479863.09	3859877.25	1.25E-03	1.35E-03	2.14E-03	4.32E-07	1.30E-06	7.55E-07	8.15E-07	7.39E-07	3.37E-07	5.35E-07	1.44E-08	3.49E-07	7.69E-08	1.11E-07	1.76E-07	3.09E-08	2.81E-07	1.04E-06
4618	480363.09	3859877.25	1.46E-03	1.57E-03	2.49E-03	5.04E-07	1.52E-06	8.81E-07	9.50E-07	8.61E-07	3.93E-07	6.22E-07	1.68E-08	4.06E-07	8.97E-08	1.29E-07	2.05E-07	3.61E-08	3.27E-07	1.21E-06
4619	480863.09	3859877.25	1.61E-03	1.73E-03	2.74E-03	5.56E-07	1.68E-06	9.72E-07	1.05E-06	9.51E-07	4.34E-07	6.86E-07	1.86E-08	4.49E-07	9.90E-08	1.42E-07	2.26E-07	3.98E-08	3.60E-07	1.33E-06
4620	481363.09	3859877.25	1.76E-03	1.90E-03	3.00E-03	6.10E-07	1.84E-06	1.07E-06	1.15E-06	1.04E-06	4.76E-07	7.51E-07	2.04E-08	4.92E-07	1.09E-07	1.56E-07	2.48E-07	4.37E-08	3.94E-07	1.46E-06
4621	481863.09	3859877.25	1.91E-03	2.06E-03	3.26E-03	6.62E-07	2.00E-06	1.16E-06	1.25E-06	1.13E-06	5.16E-07	8.15E-07	2.21E-08	5.34E-07	1.18E-07	1.69E-07	2.69E-07	4.74E-08	4.28E-07	1.59E-06
4622	482363.09	3859877.25	2.07E-03	2.24E-03	3.53E-03	7.17E-07	2.17E-06	1.25E-06	1.35E-06	1.23E-06	5.59E-07	8.83E-07	2.40E-08	5.79E-07	1.28E-07	1.84E-07	2.91E-07	5.13E-08	4.64E-07	1.72E-06
4623	482863.09	3859877.25	2.25E-03	2.43E-03	3.83E-03	7.78E-07	2.35E-06	1.36E-06	1.47E-06	1.33E-06	6.07E-07	9.59E-07	2.60E-08	6.28E-07	1.39E-07	1.99E-07	3.16E-07	5.57E-08	5.03E-07	1.87E-06
4624	483363.09	3859877.25	2.42E-03	2.61E-03	4.11E-03	8.36E-07	2.53E-06	1.46E-06	1.58E-06	1.43E-06	6.52E-07	1.03E-06	2.79E-08	6.75E-07	1.49E-07	2.14E-07	3.40E-07	5.98E-08	5.39E-07	2.00E-06
4625	483863.09	3859877.25	2.50E-03	2.70E-03	4.23E-03	8.66E-07	2.62E-06	1.51E-06	1.63E-06	1.48E-06	6.75E-07	1.06E-06	2.89E-08	6.99E-07	1.54E-07	2.22E-07	3.52E-07	6.20E-08	5.56E-07	2.07E-06
4626	484363.09	3859877.25	2.63E-03	2.83E-03	4.44E-03	9.10E-07	2.75E-06	1.59E-06	1.71E-06	1.55E-06	7.09E-07	1.11E-06	3.04E-08	7.34E-07	1.62E-07	2.33E-07	3.69E-07	6.51E-08	5.84E-07	2.18E-06
4627	484863.09	3859877.25	2.80E-03	3.01E-03	4.73E-03	9.69E-07	2.92E-06	1.69E-06	1.82E-06	1.65E-06	7.55E-07	1.18E-06	3.23E-08	7.81E-07	1.72E-07	2.48E-07	3.93E-07	6.92E-08	6.21E-07	2.32E-06
4628	485363.09	3859877.25	2.94E-03	3.17E-03	4.97E-03	1.02E-06	3.08E-06	1.78E-06	1.92E-06	1.74E-06	7.94E-07	1.24E-06	3.40E-08	8.22E-07	1.81E-07	2.61E-07	4.13E-07	7.29E-08	6.52E-07	2.44E-06
4629	485863.09	3859877.25	3.06E-03	3.30E-03	5.16E-03	1.06E-06	3.20E-06	1.85E-06	2.00E-06	1.81E-06	8.26E-07	1.29E-06	3.54E-08	8.55E-07	1.89E-07	2.71E-07	4.30E-07	7.58E-08	6.78E-07	2.53E-06
4630	486363.09	3859877.25	3.17E-03	3.42E-03	5.34E-03	1.10E-06	3.32E-06	1.92E-06	2.07E-06	1.88E-06	8.56E-07	1.34E-06	3.67E-08	8.86E-07	1.96E-07	2.81E-07	4.46E-07	7.85E-08	7.02E-07	2.63E-06
4631	486863.09	3859877.25	3.30E-03	3.55E-03	5.55E-03	1.14E-06	3.44E-06	1.99E-06	2.15E-06	1.95E-06	8.88E-07	1.39E-06	3.81E-08	9.20E-07	2.03E-07	2.92E-07	4.63E-07	8.15E-08	7.29E-07	2.73E-06
4632	487363.09	3859877.25	3.31E-03	3.57E-03	5.56E-03	1.15E-06	3.46E-06	2.00E-06	2.16E-06	1.96E-06	8.93E-07	1.39E-06	3.83E-08	9.25E-07	2.04E-07	2.93E-07	4.65E-07	8.19E-08	7.31E-07	2.74E-06
4633	487863.09	3859877.25	3.44E-03	3.71E-03	5.78E-03	1.19E-06	3.60E-06	2.08E-06	2.24E-06	2.03E-06	9.28E-07	1.45E-06	3.98E-08	9.62E-07	2.12E-07	3.05E-07	4.83E-07	8.52E-08	7.60E-07	2.85E-06
4634	488363.09	3859877.25	3.50E-03	3.77E-03	5.89E-03	1.21E-06	3.66E-06	2.12E-06	2.28E-06	2.07E-06	9.44E-07	1.48E-06	4.05E-08	9.78E-07	2.16E-07	3.10E-07	4.92E-07	8.67E-08	7.74E-07	2.90E-06
4635	488863.09	3859877.25	3.65E-03	3.93E-03	6.17E-03	1.26E-06	3.82E-06	2.21E-06	2.38E-06	2.16E-06	9.84E-07	1.54E-06	4.22E-08	1.02E-06	2.25E-07	3.23E-07	5.13E-07	9.03E-08	8.10E-07	3.02E-06
4636	489363.09	3859877.25	3.69E-03	3.98E-03	6.26E-03	1.28E-06	3.86E-06	2.23E-06	2.41E-06	2.18E-06	9.96E-07	1.57E-06	4.27E-08	1.03E-06	2.27E-07	3.27E-07	5.18E-07	9.14E-08	8.22E-07	3.06E-06
4637	489863.09	3859877.25	3.51E-03	3.79E-03	5.96E-03	1.22E-06	3.67E-06	2.12E-06	2.29E-06	2.08E-06	9.47E-07	1.49E-06	4.06E-08	9.80E-07	2.16E-07	3.11E-07	4.93E-07	8.69E-08	7.83E-07	2.91E-06
4638	490363.09	3859877.25	3.44E-03	3.71E-03	5.84E-03	1.19E-06	3.60E-06	2.08E-06	2.24E-06	2.03E-06	9.28E-07	1.46E-06	3.98E-08	9.61E-07	2.12E-07	3.05E-07	4.83E-07	8.52E-08	7.67E-07	2.85E-06
4639	490863.09	3859877.25	3.62E-03	3.90E-03	6.15E-03	1.25E-06	3.78E-06	2.19E-06	2.36E-06	2.14E-06	9.76E-07	1.54E-06	4.18E-08	1.01E-06	2.23E-07	3.20E-07	5.08E-07	8.96E-08	8.08E-07	3.00E-06
4640	491363.09	3859877.25	3.64E-03	3.93E-03	6.21E-03	1.26E-06	3.80E-06	2.20E-06	2.38E-06	2.15E-06	9.82E-07	1.55E-06	4.21E-08	1.02E-06	2.24E-07	3.22E-07	5.12E-07	9.02E-08	8.16E-07	3.02E-06
4641	491863.09	3859877.25	3.58E-03	3.87E-03	6.13E-03	1.24E-06	3.75E-06	2.17E-06	2.34E-06	2.12E-06	9.68E-07	1.54E-06	4.14E-08	1.00E-06	2.21E-07	3.18E-07	5.04E-07	8.88E-08	8.06E-07	2.98E-06
4642	492363.09	3859877.25	3.48E-03	3.75E-03	5.96E-03	1.20E-06	3.63E-06	2.10E-06	2.27E-06	2.06E-06	9.39E-07	1.49E-06	4.02E-08	9.71E-07	2.14E-07	3.08E-07	4.89E-07	8.62E-08	7.83E-07	2.89E-06
4643	492863.09	3859877.25	3.32E-03	3.58E-03	5.69E-03	1.15E-06	3.47E-06	2.01E-06	2.17E-06	1.97E-06	8.97E-07	1.42E-06	3.84E-08	9.27E-07	2.05E-07	2.94E-07	4.67E-07	8.23E-08	7.48E-07	2.76E-06
4644	493363.09	3859877.25	3.16E-03	3.42E-03	5.43E-03	1.10E-06	3.31E-06	1.91E-06	2.07E-06	1.87E-06	8.55E-07	1.36E-06	3.66E-08	8.84E-07	1.95E-07	2.81E-07	4.45E-07	7.85E-08	7.13E-07	2.63E-06
4645	493863.09	3859877.25	3.01E-03	3.25E-03	5.17E-03	1.04E-06	3.15E-06	1.82E-06	1.97E-06	1.78E-06	8.14E-07	1.29E-06	3.48E-08	8.41E-07	1.86E-07	2.67E-07	4.24E-07	7.47E-08	6.79E-07	2.51E-06
4646	494363.09	3859877.25	2.84E-03	3.07E-03	4.88E-03	9.83E-07	2.97E-06	1.72E-06	1.86E-06	1.68E-06	7.68E-07	1.22E-06	3.28E-08	7.93E-07	1.75E-07	2.52E-07	4.00E-07	7.04E-08	6.41E-07	2.36E-06
4647	494863.09	3859877.25	2.72E-03	2.94E-03	4.68E-03	9.43E-07	2.85E-06	1.65E-06	1.78E-06	1.61E-06	7.36E-07	1.17E-06	3.15E-08	7.60E-07	1.68E-07	2.42E-07	3.83E-07	6.75E-08	6.15E-07	2.27E-06
4648	495363.09	3859877.25	2.58E-03	2.79E-03	4.44E-03	8.94E-07	2.70E-06	1.56E-06	1.69E-06	1.53E-06	6.98E-07	1.11E-06	2.98E-08	7.21E-07	1.59E-07	2.29E-07	3.63E-07	6.40E-08	5.83E-07	2.15E-06
4649	495863.09	3859877.25	2.43E-03	2.63E-03	4.18E-03	8.42E-07	2.54E-06	1.47E-06	1.59E-06	1.44E-06	6.57E-07	1.05E-06	2.81E-08	6.79E-07	1.50E-07	2.16E-07	3.42E-07	6.03E-08	5.50E-07	2.03E-06
4650	496363.09	3859877.25	2.20E-03	2.38E-03	3.80E-03	7.63E-07	2.30E-06	1.33E-06	1.44E-06	1.31E-06	5.96E-07	9.50E-07	2.55E-08	6.16E-07	1.36E-07	1.96E-07	3.10E-07	5.47E-08	4.99E-07	1.84E-06
4651	496863.09	3859877.25	1.70E-03	1.84E-03	2.93E-03	5.88E-07	1.78E-06	1.03E-06	1.11E-06	1.01E-06	4.59E-07	7.32E-07	1.96E-08	4.75E-07	1.05E-07	1.51E-07	2.39E-07	4.22E-08	3.84E-07	1.42E-06
4652	497363.09	3859877.25	1.98E-03	2.14E-03	3.41E-03	6.85E-07	2.07E-06	1.20E-06	1.29E-06	1.17E-06	5.35E-07	8.53E-07	2.29E-08	5.52E-07	1.22E-07	1.76E-07	2.79E-07	4.91E-08	4.48E-07	1.65E-06
4653	497863.09	3859877.25	2.13E-03	2.30E-03	3.67E-03	7.37E-07	2.23E-06	1.29E-06	1.39E-06	1.26E-06	5.76E-07	9.18E-07	2.46E-08	5.95E-07	1.31E-07	1.89E-07	3.00E-07	5.28E-08	4.82E-07	1.77E-06
4654	498363.09	3859877.25	2.11E-03	2.28E-03	3.64E-03	7.31E-07	2.21E-06	1.28E-06	1.38E-06	1.25E-06	5.71E-07	9.11E-07	2.44E-08	5.90E-07	1.30E-07	1.88E-07	2.97E-07	5.24E-08	4.78E-07	1.76E-06
4655	471363.09	3860377.25	4.30E-04	4.64E-04	7.36E-04	1.49E-07	4.49E-07	2.60E-07	2.81E-07	2.54E-07	1.16E-07	1.84E-07	4.97E-09	1.20E-07	2.65E-08	3.81E-08	6.04E-08	1.07E-08	9.67E-08	3.57E-07
4656	471863.09	3860377.25	4.54E-04	4.90E-04	7.78E-04	1.57E-07	4.75E-07	2.75E-07	2.97E-07	2.69E-07	1.23E-07	1.95E-07	5.25E-09	1.27E-07	2.80E-08	4.03E-08	6.39E-08	1.13E-08	1.02E-07	3.78E-07
4657	472363.09	3860377.25	4.84E-04	5.22E-04	8.28E-04	1.67E-07	5.06E-07	2.93E-07	3.16E-07	2.86E-07	1.31E-07	2.07E-07	5.59E-09	1.35E-07	2.98E-08	4.29E-08	6.80E-08	1.20E-08	1.09E-07	4.02E-07
4658	472863.09	3860377.25	5.16E-04	5.56E-04	8.81E-04	1.79E-07	5.39E-07	3.12E-07	3.37E-07	3.05E-07	1.39E-07	2.21E-07	5.96E-09	1.44E-07	3.18E-08	4.57E-08	7.25E-08	1.28E-08	1.16E-07	4.29E-07
4659	473363.09	3860377.25	5.46E-04	5.89E-04	9.32E-04	1.89E-07	5.70E-07	3.30E-07	3.56E-07	3.23E-07	1.47E-07	2.33E-07	6.31E-09	1.52E-07	3.36E-08	4.84E-08	7.67E-08	1.35E-08	1.22E-07	4.53E-07
4660	473863.09	3860377.25	5.72E-04	6.17E-04	9.77E-04	1.98E-07	5.98E-07	3.46E-07	3.73E-07	3.38E-07	1.54E-07	2.44E-07	6.61E-09	1.60E-07	3.52E-08	5.07E-08	8.04E-08	1.42E-08	1.28E-07	4.75E-07
4661	474363.09	3860377.25	5.80E-04	6.26E-04	9.92E-04	2.01E-07	6.07E-07	3.51E-07	3.79E-07	3.43E-07	1.57E-07	2.48E-07	6.71E-09	1.62E-07	3.58E-08	5.14E-08	8.16E-08	1.44E-08	1.30E-07	4.82E-07
4662	474863.09	3860377.25	5.64E-04	6.09E-04	9.65E-04	1.95E-07	5.90E-07	3.42E-07	3.69E-07	3.34E-07	1.52E-07	2.42E-07	6.52E-09	1.58E-07	3.48E-08	5.00E-08	7.94E-08	1.40E-08	1.27E-07	4.69E-07
4663	475363.09	3860377.25	4.94E-04	5.33E-04	8.45E-04	1.71E-07	5.16E-07	2.99E-07	3.22E-07	2.92E-07	1.33E-07	2.11E-07	5.71E-09	1.38E-07	3.04E-08	4.38E-08	6.95E-08	1.22E-08	1.11E-07	4.10E-07
4664	475863.09	3860377.25	4.03E-04	4.35E-04	6.88E-04	1.39E-07	4.21E-07	2.44E-07	2.63E-07	2.38E-07	1.09E-07	1.72E-07	4.66E-09	1.13E-07	2.48E-08	3.57E-08	5.67E-08	9.99E-09	9.04E-08	3.35E-07
4665	476363.09	3860377.25	3.08E-04	3.32E-04	5.24E-04	1.07E-07	3.22E-07	1.86E-07	2.01E-07	1.82E-07	8.31E-08	1.31E-07	3.56E-09	8.60E-08	1.90E-08	2.73E-08	4.33E-08	7.63E-09	6.88E-08	2.56E-07
4666	476863.09	3860377.25	2.75E-04	2.97E-04	4.67E-04	9.52E-08	2.88E-07	1.66E-07	1.79E-07	1.63E-07	7.42E-08	1.17E-07	3.18E-09	7.68E-08	1.69E-08	2.44E-08	3.87E-08	6.81E-09	6.14E-08	2.28E-07
4667	477363.09	3860377.25	1.67E-04	1.80E-04	2.82E-04	5.77E-08	1.74E-07	1.01E-07	1.09E-07	9.85E-08	4.49E-08	7.05E-08	1.93E-09	4.65E-08	1.03E-08	1.48E-08	2.34E-08	4.12E-09	3.70E-08	1.38E-07
4668	477863.09	3860377.25	2.12E-04	2.28E-04	3.58E-04	7.33E-08	2.21E-07	1.28E-07	1.38E-07	1.25E-07	5.71E-08	8.97E-08	2.45E-09	5.91E-08	1.30E-08	1.87E-08	2.97E-08	5.24E-09	4.71E-08	1.75E-07
4669	478363.09	3860377.25	4.12E-04	4.45E-04	7.02E-04	1.43E-07	4.31E-07	2.49E-07	2.69E-07	2.44E-07	1.11E-07	1.76E-07	4.76E-09	1.15E-07	2.54E-08	3.65E-08	5.79E-08	1.02E-08	9.22E-08	3.42E-07
4670	478863.09	3860377.25	6.49E-04	7.00E-04	1.11E-03	2.25E-07	6.79E-07	3.93E-07	4.24E-07	3.84E-07	1.75E-07	2.78E-07	7.50E-09	1.81E-07	4.00E-08	5.75E-08	9.13E-08	1.61E-08	1.46E-07	5.39E-07
4671	479363.09	3860377.25	9.41E-04	1.02E-03	1.61E-03	3.26E-07	9.84E-07	5.70E-07	6.15E-07	5.57E-07	2.54E-07	4.03E-07	1.09E-08	2.63E-07	5.80E-08	8.35E-08	1.32E-07	2.33E-08	2.12E-07	7.82E-07
4672	479863.09	3860377.25	1.18E-03	1.28E-03	2.03E-03	4.10E-07	1.24E-06	7.17E-07	7.73E-07	7.01E-07	3.20E-07	5.07E-07	1.37E-08	3.31E-07	7.30E-08	1.05E-07	1.67E-07	2.94E-08	2.66E-07	9.85E-07
4673	480363.09	3860377.25	1.34E-03	1.45E-03	2.29E-03	4.64E-07	1.40E-06	8.12E-07	8.76E-07	7.94E-07	3.62E-07	5.73E-07	1.55E-08	3.75E-07	8.27E-08	1.19E-07	1.89E-07	3.32E-08	3.01E-07	1.11E-06
4674	480863.09	3860377.25	1.46E-03	1.58E-03	2.49E-03	5.05E-07	1.53E-06	8.84E-07	9.53E-07	8.64E-07	3.94E-07	6.23E-07	1.69E-08	4.08E-07	9.00E-08	1.29E-07	2.05E-07	3.62E-08	3.27E-07	1.21E-06
4675	481363.09	3860377.25	1.57E-03	1.70E-03	2.68E-03	5.44E-07	1.64E-06	9.51E-07	1.03E-06	9.30E-07	4.24E-07	6.70E-07	1.82E-08	4.39E-07	9.69E-08	1.39E-07	2.21E-07	3.89E-08	3.52E-07	1.30E-06
4676	481863.09	3860377.25	1.69E-03	1.82E-03	2.88E-03	5.85E-07	1.77E-06	1.02E-06	1.10E-06	1.00E-06	4.56E-07	7.21E-07	1.95E-08	4.72E-07	1.04E-07	1.50E-07	2.38E-07	4.19E-08	3.78E-07	1.40E-06
4677	482363.09	3860377.25	1.81E-03	1.95E-03	3.07E-03	6.25E-07	1.89E-06	1.09E-06	1.18E-06	1.07E-06	4.88E-07	7.69E-07	2.09E-08	5.04E-07	1.11E-07	1.60E-07	2.54E-07	4.47E-08	4.04E-07	1.50E-06
4678	482863.09	3860377.25	1.92E-03	2.07E-03	3.27E-03	6.65E-07	2.01E-06	1.16E-06	1.25E-06	1.14E-06	5.19E-07	8.18E-07	2.22E-08	5.37E-07	1.18E-07	1.70E-07	2.70E-07	4.76E-08	4.29E-07	1.59E-06
4679	483363.09	3860377.25	2.03E-03	2.19E-03	3.45E-03	7.04E-07	2.13E-06	1.23E-06	1.33E-06	1.20E-06	5.49E-07	8.64E-07	2.35E-08	5.68E-07	1.25E-07	1.80E-07	2.86E-07	5.04E-08	4.53E-07	1.69E-06
4680	483863.09	3860377.25	2.14E-03	2.31E-03	3.63E-03	7.41E-07	2.24E-06	1.30E-06	1.40E-06	1.27E-06	5.78E-07	9.07E-07	2.48E-08	5.98E-07	1.32E-07	1.90E-07	3.01E-07	5.30E-08	4.76E-07	1.77E-06
4681	484363.09	3860377.25	2.17E-03	2.34E-03	3.66E-03	7.51E-07	2.27E-06	1.31E-06	1.41E-06	1.28E-06	5.85E-07	9.17E-07	2.51E-08	6.06E-07	1.34E-07	1.92E-07	3.05E-07	5.37E-08	4.81E-07	1.80E-06
4682	484863.09	3860377.25	2.27E-03	2.44E-03	3.82E-03	7.84E-07	2.37E-06	1.37E-06	1.48E-06	1.34E-06	6.11E-07	9.57E-07	2.62E-08	6.33E-07	1.40E-07	2.01E-07	3.18E-07	5.61E-08	5.02E-07	1.88E-06
4683	485363.09	3860377.25	2.35E-03	2.53E-03	3.96E-03	8.12E-07	2.45E-06	1.42E-06	1.53E-06	1.39E-06	6.33E-07	9.90E-07	2.71E-08	6.55E-07	1.45E-07	2.08E-07	3.30E-07	5.81E-08	5.20E-07	1.94E-06
4684	485863.09	3860377.25	2.42E-03	2.60E-03	4.07E-03	8.36E-07	2.52E-06	1.46E-06	1.57E-06	1.43E-06	6.51E-07	1.02E-06	2.79E-08	6.74E-07	1.49E-07	2.14E-07	3.39E-07	5.98E-08	5.35E-07	2.00E-06
4685	486363.09	3860377.25	2.44E-03	2.63E-03	4.11E-03	8.45E-07	2.55E-06	1.48E-06	1.59E-06	1.44E-06	6.58E-07	1.03E-06	2.82E-08	6.82E-07	1.50E-07	2.16E-07	3.43E-07	6.04E-08	5.40E-07	2.02E-06
4686	486863.09	3860377.25	2.45E-03	2.64E-03	4.13E-03	8.50E-07	2.57E-06	1.49E-06	1.60E-06	1.45E-06	6.62E-07	1.03E-06	2.84E-08	6.85E-07	1.51E-07	2.17E-07	3.45E-07	6.07E-08	5.43E-07	2.03E-06
4687	487363.09	3860377.25	2.46E-03	2.65E-03	4.14E-03	8.53E-07	2.57E-06	1.49E-06	1.60E-06	1.45E-06	6.64E-07	1.04E-06	2.85E-08	6.88E-07	1.52E-07	2.18E-07	3.46E-07	6.09E-08	5.44E-07	2.04E-06
4688	487863.09	3860377.25	2.52E-03	2.71E-03	4.23E-03	8.71E-07	2.63E-06	1.52E-06	1.64E-06	1.49E-06	6.78E-07	1.06E-06	2.91E-08	7.02E-07	1.55E-07	2.23E-07	3.53E-07	6.22E-08	5.56E-07	2.08E-06
4689	488363.09	3860377.25	2.57E-03	2.77E-03	4.33E-03	8.89E-07	2.68E-06	1.55E-06	1.67E-06	1.52E-06	6.92E-07	1.08E-06	2.97E-08	7.17E-07	1.58E-07	2.27E-07	3.61E-07	6.35E-08	5.69E-07	2.13E-06
4690	488863.09	3860377.25	2.63E-03	2.83E-03	4.45E-03	9.10E-07	2.75E-06	1.59E-06	1.71E-06	1.55E-06	7.09E-07	1.11E-06	3.04E-08	7.34E-07	1.62E-07	2.33E-07	3.69E-07	6.51E-08	5.85E-07	2.18E-06
4691	489363.09	3860377.25	2.71E-03	2.92E-03	4.60E-03	9.37E-07	2.83E-06	1.64E-06	1.77E-06	1.60E-06	7.31E-07	1.15E-06	3.13E-08	7.56E-07	1.67E-07	2.40E-07	3.80E-07	6.70E-08	6.04E-07	2.24E-06
4692	489863.09	3860377.25	2.74E-03	2.96E-03	4.67E-03	9.50E-07	2.87E-06	1.66E-06	1.79E-06	1.62E-06	7.40E-07	1.17E-06	3.17E-08	7.66E-07	1.69E-07	2.43E-07	3.86E-07	6.79E-08	6.13E-07	2.28E-06
4693	490363.09	3860377.25	2.60E-03	2.81E-03	4.43E-03	9.01E-07	2.72E-06	1.57E-06	1.70E-06	1.54E-06	7.03E-07	1.11E-06	3.01E-08	7.27E-07	1.60E-07	2.31E-07	3.66E-07	6.45E-08	5.82E-07	2.16E-06
4694	490863.09	3860377.25	2.49E-03	2.68E-03	4.24E-03	8.62E-07	2.60E-06	1.51E-06	1.62E-06	1.47E-06	6.72E-07	1.06E-06	2.88E-08	6.95E-07	1.53E-07	2.21E-07	3.50E-07	6.17E-08	5.57E-07	2.07E-06
4695	491363.09	3860377.25	2.51E-03	2.71E-03	4.28E-03	8.70E-07	2.63E-06	1.52E-06	1.64E-06	1.49E-06	6.78E-07	1.07E-06	2.90E-08	7.01E-07	1.55E-07	2.23E-07	3.53E-07	6.22E-08	5.62E-07	2.09E-06
4696	491863.09	3860377.25	2.60E-03	2.81E-03	4.45E-03	9.02E-07	2.72E-06	1.58E-06	1.70E-06	1.54E-06	7.03E-07	1.11E-06	3.01E-08	7.27E-07	1.60E-07	2.31E-07	3.66E-07	6.45E-08	5.84E-07	2.16E-06
4697	492363.09	3860377.25	2.68E-03	2.90E-03	4.60E-03	9.29E-07	2.81E-06	1.62E-06	1.75E-06	1.59E-06	7.25E-07	1.15E-06	3.10E-08	7.50E-07	1.65E-07	2.38E-07	3.78E-07	6.66E-08	6.04E-07	2.23E-06
4698	492863.09	3860377.25	2.66E-03	2.87E-03	4.56E-03	9.20E-07	2.78E-06	1.61E-06	1.74E-06	1.57E-06	7.18E-07	1.14E-06	3.07E-08	7.42E-07	1.64E-07	2.36E-07	3.74E-07	6.59E-08	5.98E-07	2.21E-06
4699	493363.09	3860377.25	2.63E-03	2.84E-03	4.51E-03	9.09E-07	2.74E-06	1.59E-06	1.72E-06	1.55E-06	7.10E-07	1.13E-06	3.04E-08	7.33E-07	1.62E-07	2.33E-07	3.69E-07	6.51E-08	5.92E-07	2.19E-06
4700	493863.09	3860377.25	2.54E-03	2.74E-03	4.36E-03	8.79E-07	2.65E-06	1.54E-06	1.66E-06	1.50E-06	6.86E-07	1.09E-06	2.93E-08	7.09E-07	1.56E-07	2.25E-07	3.57E-07	6.30E-08	5.73E-07	2.11E-06
4701	494363.09	3860377.25	2.46E-03	2.66E-03	4.23E-03	8.52E-07	2.57E-06	1.49E-06	1.61E-06	1.46E-06	6.65E-07	1.06E-06	2.85E-08	6.87E-07	1.52E-07	2.18E-07	3.47E-07	6.11E-08	5.56E-07	2.05E-06
4702	494863.09	3860377.25	2.37E-03	2.56E-03	4.08E-03	8.21E-07	2.48E-06	1.43E-06	1.55E-06	1.40E-06	6.41E-07	1.02E-06	2.74E-08	6.62E-07	1.46E-07	2.10E-07	3.34E-07	5.88E-08	5.36E-07	1.97E-06
4703	495363.09	3860377.25	2.29E-03	2.48E-03	3.95E-03	7.93E-07	2.40E-06	1.39E-06	1.50E-06	1.36E-06	6.20E-07	9.87E-07	2.65E-08	6.40E-07	1.41E-07	2.03E-07	3.23E-07	5.69E-08	5.18E-07	1.91E-06
4704	495863.09	3860377.25	2.17E-03	2.34E-03	3.72E-03	7.50E-07	2.26E-06	1.31E-06	1.42E-06	1.28E-06	5.86E-07	9.32E-07	2.50E-08	6.05E-07	1.34E-07	1.92E-07	3.05E-07	5.37E-08	4.89E-07	1.80E-06
4705	496363.09	3860377.25	2.02E-03	2.18E-03	3.47E-03	6.98E-07	2.11E-06	1.22E-06	1.32E-06	1.19E-06	5.45E-07	8.68E-07	2.33E-08	5.63E-07	1.24E-07	1.79E-07	2.84E-07	5.00E-08	4.55E-07	1.68E-06
4706	496863.09	3860377.25	1.87E-03	2.02E-03	3.22E-03	6.47E-07	1.95E-06	1.13E-06	1.22E-06	1.11E-06	5.05E-07	8.05E-07	2.16E-08	5.22E-07	1.15E-07	1.66E-07	2.63E-07	4.64E-08	4.23E-07	1.56E-06
4707	497363.09	3860377.25	1.68E-03	1.81E-03	2.89E-03	5.81E-07	1.76E-06	1.02E-06	1.10E-06	9.95E-07	4.54E-07	7.24E-07	1.94E-08	4.69E-07	1.03E-07	1.49E-07	2.36E-07	4.17E-08	3.80E-07	1.40E-06
4708	497863.09	3860377.25	1.84E-03	1.98E-03	3.16E-03	6.36E-07	1.92E-06	1.11E-06	1.20E-06	1.09E-06	4.96E-07	7.91E-07	2.12E-08	5.13E-07	1.13E-07	1.63E-07	2.58E-07	4.56E-08	4.15E-07	1.53E-06
4709	498363.09	3860377.25	1.87E-03	2.02E-03	3.22E-03	6.47E-07	1.95E-06	1.13E-06	1.22E-06	1.11E-06	5.05E-07	8.06E-07	2.16E-08	5.22E-07	1.15E-07	1.66E-07	2.63E-07	4.64E-08	4.23E-07	1.56E-06
4710	471363.09	3860877.25	4.34E-04	4.69E-04	7.43E-04	1.50E-07	4.54E-07	2.63E-07	2.84E-07	2.57E-07	1.17E-07	1.86E-07	5.02E-09	1.21E-07	2.68E-08	3.85E-08	6.11E-08	1.08E-08	9.76E-08	3.61E-07
4711	471863.09	3860877.25	4.58E-04	4.95E-04	7.84E-04	1.59E-07	4.79E-07	2.77E-07	2.99E-07	2.71E-07	1.24E-07	1.96E-07	5.30E-09	1.28E-07	2.82E-08	4.06E-08	6.45E-08	1.14E-08	1.03E-07	3.81E-07
4712	472363.09	3860877.25	4.82E-04	5.20E-04	8.24E-04	1.67E-07	5.04E-07	2.92E-07	3.15E-07	2.85E-07	1.30E-07	2.06E-07	5.57E-09	1.35E-07	2.97E-08	4.27E-08	6.78E-08	1.19E-08	1.08E-07	4.01E-07
4713	472863.09	3860877.25	5.09E-04	5.49E-04	8.70E-04	1.76E-07	5.32E-07	3.08E-07	3.32E-07	3.01E-07	1.38E-07	2.18E-07	5.89E-09	1.42E-07	3.14E-08	4.51E-08	7.16E-08	1.26E-08	1.14E-07	4.23E-07
4714	473363.09	3860877.25	5.34E-04	5.76E-04	9.11E-04	1.85E-07	5.58E-07	3.23E-07	3.48E-07	3.16E-07	1.44E-07	2.28E-07	6.17E-09	1.49E-07	3.29E-08	4.73E-08	7.50E-08	1.32E-08	1.20E-07	4.43E-07
4715	473863.09	3860877.25	5.58E-04	6.02E-04	9.54E-04	1.93E-07	5.84E-07	3.38E-07	3.65E-07	3.30E-07	1.51E-07	2.39E-07	6.45E-09	1.56E-07	3.44E-08	4.95E-08	7.85E-08	1.38E-08	1.25E-07	4.64E-07
4716	474363.09	3860877.25	5.82E-04	6.27E-04	9.94E-04	2.01E-07	6.08E-07	3.52E-07	3.80E-07	3.44E-07	1.57E-07	2.49E-07	6.72E-09	1.62E-07	3.58E-08	5.15E-08	8.18E-08	1.44E-08	1.31E-07	4.83E-07
4717	474863.09	3860877.25	6.09E-04	6.57E-04	1.04E-03	2.11E-07	6.36E-07	3.68E-07	3.97E-07	3.60E-07	1.64E-07	2.60E-07	7.03E-09	1.70E-07	3.75E-08	5.39E-08	8.56E-08	1.51E-08	1.37E-07	5.06E-07
4718	475363.09	3860877.25	6.13E-04	6.62E-04	1.05E-03	2.12E-07	6.41E-07	3.71E-07	4.00E-07	3.63E-07	1.66E-07	2.63E-07	7.09E-09	1.71E-07	3.78E-08	5.44E-08	8.62E-08	1.52E-08	1.38E-07	5.10E-07

4719	475863.09	3860877.25	5.87E-04	6.34E-04	1.00E-03	2.03E-07	6.14E-07	3.55E-07	3.83E-07	3.48E-07	1.59E-07	2.52E-07	6.79E-09	1.64E-07	3.62E-08	5.21E-08	8.26E-08	1.46E-08	1.32E-07	4.88E-07
4720	476363.09	3860877.25	5.25E-04	5.66E-04	8.98E-04	1.82E-07	5.48E-07	3.18E-07	3.43E-07	3.11E-07	1.42E-07	2.25E-07	6.07E-09	1.47E-07	3.23E-08	4.65E-08	7.38E-08	1.30E-08	1.18E-07	4.36E-07
4721	476863.09	3860877.25	5.01E-04	5.41E-04	8.57E-04	1.73E-07	5.24E-07	3.03E-07	3.27E-07	2.97E-07	1.35E-07	2.14E-07	5.79E-09	1.40E-07	3.09E-08	4.44E-08	7.05E-08	1.24E-08	1.13E-07	4.16E-07
4722	477363.09	3860877.25	5.19E-04	5.60E-04	8.88E-04	1.80E-07	5.43E-07	3.14E-07	3.39E-07	3.07E-07	1.40E-07	2.22E-07	6.00E-09	1.45E-07	3.20E-08	4.60E-08	7.30E-08	1.29E-08	1.17E-07	4.31E-07
4723	477863.09	3860877.25	4.41E-04	4.76E-04	7.52E-04	1.53E-07	4.61E-07	2.67E-07	2.88E-07	2.61E-07	1.19E-07	1.88E-07	5.10E-09	1.23E-07	2.72E-08	3.91E-08	6.20E-08	1.09E-08	9.88E-08	3.66E-07
4724	478363.09	3860877.25	2.53E-04	2.72E-04	4.28E-04	8.75E-08	2.64E-07	1.53E-07	1.65E-07	1.49E-07	6.82E-08	1.07E-07	2.92E-09	7.06E-08	1.56E-08	2.24E-08	3.55E-08	6.26E-09	5.62E-08	2.09E-07
4725	478863.09	3860877.25	6.02E-04	6.50E-04	1.03E-03	2.08E-07	6.29E-07	3.64E-07	3.93E-07	3.56E-07	1.63E-07	2.58E-07	6.96E-09	1.68E-07	3.71E-08	5.34E-08	8.47E-08	1.49E-08	1.35E-07	5.00E-07
4726	479363.09	3860877.25	9.02E-04	9.74E-04	1.55E-03	3.12E-07	9.43E-07	5.46E-07	5.89E-07	5.34E-07	2.44E-07	3.87E-07	1.04E-08	2.52E-07	5.56E-08	8.00E-08	1.27E-07	2.24E-08	2.03E-07	7.50E-07
4727	479863.09	3860877.25	1.10E-03	1.19E-03	1.88E-03	3.81E-07	1.15E-06	6.67E-07	7.19E-07	6.52E-07	2.98E-07	4.71E-07	1.27E-08	3.08E-07	6.79E-08	9.77E-08	1.55E-07	2.73E-08	2.47E-07	9.15E-07
4728	480363.09	3860877.25	1.22E-03	1.32E-03	2.08E-03	4.22E-07	1.28E-06	7.38E-07	7.96E-07	7.22E-07	3.29E-07	5.21E-07	1.41E-08	3.41E-07	7.52E-08	1.08E-07	1.71E-07	3.02E-08	2.73E-07	1.01E-06
4729	480863.09	3860877.25	1.31E-03	1.41E-03	2.22E-03	4.52E-07	1.37E-06	7.91E-07	8.53E-07	7.73E-07	3.53E-07	5.57E-07	1.51E-08	3.65E-07	8.05E-08	1.16E-07	1.84E-07	3.24E-08	2.92E-07	1.08E-06
4730	481363.09	3860877.25	1.40E-03	1.51E-03	2.38E-03	4.84E-07	1.46E-06	8.46E-07	9.12E-07	8.27E-07	3.77E-07	5.95E-07	1.62E-08	3.90E-07	8.61E-08	1.24E-07	1.96E-07	3.46E-08	3.13E-07	1.16E-06
4731	481863.09	3860877.25	1.48E-03	1.60E-03	2.52E-03	5.13E-07	1.55E-06	8.96E-07	9.66E-07	8.76E-07	4.00E-07	6.30E-07	1.71E-08	4.13E-07	9.12E-08	1.31E-07	2.08E-07	3.67E-08	3.31E-07	1.23E-06
4732	482363.09	3860877.25	1.57E-03	1.69E-03	2.67E-03	5.43E-07	1.64E-06	9.50E-07	1.02E-06	9.28E-07	4.24E-07	6.67E-07	1.81E-08	4.38E-07	9.67E-08	1.39E-07	2.21E-07	3.89E-08	3.50E-07	1.30E-06
4733	482863.09	3860877.25	1.65E-03	1.78E-03	2.81E-03	5.73E-07	1.73E-06	1.00E-06	1.08E-06	9.78E-07	4.46E-07	7.03E-07	1.91E-08	4.62E-07	1.02E-07	1.47E-07	2.32E-07	4.10E-08	3.69E-07	1.37E-06
4734	483363.09	3860877.25	1.73E-03	1.87E-03	2.93E-03	5.99E-07	1.81E-06	1.05E-06	1.13E-06	1.02E-06	4.67E-07	7.34E-07	2.00E-08	4.83E-07	1.07E-07	1.53E-07	2.43E-07	4.28E-08	3.85E-07	1.43E-06
4735	483863.09	3860877.25	1.80E-03	1.94E-03	3.05E-03	6.24E-07	1.88E-06	1.09E-06	1.18E-06	1.07E-06	4.86E-07	7.63E-07	2.08E-08	5.03E-07	1.11E-07	1.60E-07	2.53E-07	4.46E-08	4.00E-07	1.49E-06
4736	484363.09	3860877.25	1.85E-03	2.00E-03	3.13E-03	6.42E-07	1.94E-06	1.12E-06	1.21E-06	1.10E-06	5.00E-07	7.84E-07	2.14E-08	5.18E-07	1.14E-07	1.64E-07	2.60E-07	4.59E-08	4.11E-07	1.53E-06
4737	484863.09	3860877.25	1.87E-03	2.02E-03	3.16E-03	6.48E-07	1.96E-06	1.13E-06	1.22E-06	1.11E-06	5.05E-07	7.90E-07	2.16E-08	5.23E-07	1.15E-07	1.66E-07	2.63E-07	4.63E-08	4.15E-07	1.55E-06
4738	485363.09	3860877.25	1.93E-03	2.08E-03	3.25E-03	6.68E-07	2.02E-06	1.17E-06	1.26E-06	1.14E-06	5.20E-07	8.14E-07	2.23E-08	5.39E-07	1.19E-07	1.71E-07	2.71E-07	4.77E-08	4.27E-07	1.60E-06
4739	485863.09	3860877.25	1.98E-03	2.14E-03	3.34E-03	6.86E-07	2.07E-06	1.20E-06	1.29E-06	1.17E-06	5.35E-07	8.37E-07	2.29E-08	5.54E-07	1.22E-07	1.75E-07	2.78E-07	4.91E-08	4.39E-07	1.64E-06
4740	486363.09	3860877.25	1.96E-03	2.11E-03	3.30E-03	6.77E-07	2.05E-06	1.18E-06	1.28E-06	1.16E-06	5.28E-07	8.25E-07	2.26E-08	5.46E-07	1.21E-07	1.73E-07	2.75E-07	4.84E-08	4.33E-07	1.62E-06
4741	486863.09	3860877.25	1.94E-03	2.09E-03	3.27E-03	6.72E-07	2.03E-06	1.18E-06	1.27E-06	1.15E-06	5.24E-07	8.18E-07	2.25E-08	5.42E-07	1.20E-07	1.72E-07	2.73E-07	4.81E-08	4.29E-07	1.61E-06
4742	487363.09	3860877.25	1.94E-03	2.09E-03	3.27E-03	6.72E-07	2.03E-06	1.17E-06	1.27E-06	1.15E-06	5.23E-07	8.18E-07	2.24E-08	5.42E-07	1.20E-07	1.72E-07	2.73E-07	4.80E-08	4.29E-07	1.61E-06
4743	487863.09	3860877.25	1.94E-03	2.09E-03	3.26E-03	6.71E-07	2.03E-06	1.17E-06	1.26E-06	1.15E-06	5.22E-07	8.17E-07	2.24E-08	5.41E-07	1.19E-07	1.72E-07	2.72E-07	4.79E-08	4.29E-07	1.60E-06
4744	488363.09	3860877.25	2.02E-03	2.18E-03	3.41E-03	6.99E-07	2.11E-06	1.22E-06	1.32E-06	1.19E-06	5.45E-07	8.54E-07	2.34E-08	5.64E-07	1.24E-07	1.79E-07	2.84E-07	5.00E-08	4.48E-07	1.67E-06
4745	488863.09	3860877.25	2.02E-03	2.18E-03	3.43E-03	7.00E-07	2.11E-06	1.22E-06	1.32E-06	1.20E-06	5.46E-07	8.57E-07	2.34E-08	5.65E-07	1.25E-07	1.79E-07	2.84E-07	5.01E-08	4.50E-07	1.68E-06
4746	489363.09	3860877.25	2.09E-03	2.26E-03	3.55E-03	7.25E-07	2.19E-06	1.27E-06	1.37E-06	1.24E-06	5.65E-07	8.90E-07	2.42E-08	5.85E-07	1.29E-07	1.85E-07	2.94E-07	5.19E-08	4.67E-07	1.74E-06
4747	489863.09	3860877.25	2.10E-03	2.26E-03	3.57E-03	7.26E-07	2.19E-06	1.27E-06	1.37E-06	1.24E-06	5.66E-07	8.93E-07	2.42E-08	5.86E-07	1.29E-07	1.86E-07	2.95E-07	5.20E-08	4.69E-07	1.74E-06
4748	490363.09	3860877.25	2.12E-03	2.29E-03	3.62E-03	7.35E-07	2.22E-06	1.28E-06	1.39E-06	1.26E-06	5.73E-07	9.05E-07	2.45E-08	5.93E-07	1.31E-07	1.88E-07	2.98E-07	5.26E-08	4.75E-07	1.76E-06
4749	490863.09	3860877.25	2.04E-03	2.20E-03	3.48E-03	7.06E-07	2.13E-06	1.23E-06	1.33E-06	1.21E-06	5.51E-07	8.71E-07	2.36E-08	5.70E-07	1.26E-07	1.81E-07	2.87E-07	5.06E-08	4.57E-07	1.69E-06
4750	491363.09	3860877.25	1.94E-03	2.09E-03	3.31E-03	6.71E-07	2.03E-06	1.17E-06	1.26E-06	1.15E-06	5.23E-07	8.28E-07	2.24E-08	5.41E-07	1.19E-07	1.72E-07	2.72E-07	4.80E-08	4.34E-07	1.61E-06
4751	491863.09	3860877.25	1.93E-03	2.08E-03	3.29E-03	6.67E-07	2.01E-06	1.17E-06	1.26E-06	1.14E-06	5.20E-07	8.24E-07	2.23E-08	5.38E-07	1.19E-07	1.71E-07	2.71E-07	4.78E-08	4.32E-07	1.60E-06
4752	492363.09	3860877.25	1.95E-03	2.10E-03	3.33E-03	6.74E-07	2.03E-06	1.18E-06	1.27E-06	1.15E-06	5.26E-07	8.32E-07	2.25E-08	5.44E-07	1.20E-07	1.73E-07	2.74E-07	4.82E-08	4.37E-07	1.62E-06
4753	492863.09	3860877.25	2.02E-03	2.18E-03	3.45E-03	6.99E-07	2.11E-06	1.22E-06	1.32E-06	1.20E-06	5.45E-07	8.65E-07	2.33E-08	5.64E-07	1.24E-07	1.79E-07	2.84E-07	5.00E-08	4.54E-07	1.68E-06
4754	493363.09	3860877.25	2.09E-03	2.25E-03	3.58E-03	7.22E-07	2.18E-06	1.26E-06	1.36E-06	1.24E-06	5.64E-07	8.95E-07	2.41E-08	5.82E-07	1.29E-07	1.85E-07	2.93E-07	5.17E-08	4.70E-07	1.74E-06
4755	493863.09	3860877.25	2.07E-03	2.24E-03	3.56E-03	7.17E-07	2.17E-06	1.25E-06	1.35E-06	1.23E-06	5.60E-07	8.91E-07	2.40E-08	5.79E-07	1.28E-07	1.84E-07	2.92E-07	5.14E-08	4.67E-07	1.72E-06
4756	494363.09	3860877.25	2.04E-03	2.20E-03	3.50E-03	7.05E-07	2.13E-06	1.23E-06	1.33E-06	1.21E-06	5.51E-07	8.77E-07	2.36E-08	5.69E-07	1.26E-07	1.81E-07	2.87E-07	5.05E-08	4.60E-07	1.70E-06
4757	494863.09	3860877.25	2.00E-03	2.16E-03	3.44E-03	6.92E-07	2.09E-06	1.21E-06	1.31E-06	1.18E-06	5.41E-07	8.61E-07	2.31E-08	5.58E-07	1.23E-07	1.77E-07	2.81E-07	4.96E-08	4.52E-07	1.67E-06
4758	495363.09	3860877.25	1.95E-03	2.11E-03	3.36E-03	6.76E-07	2.04E-06	1.18E-06	1.28E-06	1.16E-06	5.28E-07	8.41E-07	2.26E-08	5.45E-07	1.20E-07	1.73E-07	2.75E-07	4.84E-08	4.41E-07	1.63E-06
4759	495863.09	3860877.25	1.89E-03	2.04E-03	3.26E-03	6.55E-07	1.98E-06	1.15E-06	1.24E-06	1.12E-06	5.12E-07	8.16E-07	2.19E-08	5.29E-07	1.17E-07	1.68E-07	2.66E-07	4.70E-08	4.28E-07	1.58E-06
4760	496363.09	3860877.25	1.85E-03	2.00E-03	3.19E-03	6.41E-07	1.94E-06	1.12E-06	1.21E-06	1.10E-06	5.01E-07	7.99E-07	2.14E-08	5.17E-07	1.14E-07	1.64E-07	2.61E-07	4.59E-08	4.19E-07	1.54E-06
4761	496863.09	3860877.25	1.77E-03	1.91E-03	3.04E-03	6.12E-07	1.85E-06	1.07E-06	1.16E-06	1.05E-06	4.78E-07	7.61E-07	2.04E-08	4.94E-07	1.09E-07	1.57E-07	2.49E-07	4.38E-08	3.99E-07	1.47E-06
4762	497363.09	3860877.25	1.72E-03	1.85E-03	2.95E-03	5.95E-07	1.80E-06	1.04E-06	1.12E-06	1.02E-06	4.64E-07	7.39E-07	1.99E-08	4.80E-07	1.06E-07	1.52E-07	2.42E-07	4.26E-08	3.88E-07	1.43E-06
4763	497863.09	3860877.25	1.66E-03	1.79E-03	2.85E-03	5.74E-07	1.73E-06	1.00E-06	1.08E-06	9.81E-07	4.48E-07	7.13E-07	1.92E-08	4.63E-07	1.02E-07	1.47E-07	2.33E-07	4.11E-08	3.74E-07	1.38E-06
4764	498363.09	3860877.25	1.64E-03	1.77E-03	2.83E-03	5.69E-07	1.72E-06	9.94E-07	1.07E-06	9.73E-07	4.44E-07	7.08E-07	1.90E-08	4.59E-07	1.01E-07	1.46E-07	2.31E-07	4.07E-08	3.71E-07	1.37E-06
4765	471363.09	3861377.25	4.33E-04	4.67E-04	7.40E-04	1.50E-07	4.53E-07	2.62E-07	2.83E-07	2.56E-07	1.17E-07	1.85E-07	5.01E-09	1.21E-07	2.67E-08	3.84E-08	6.09E-08	1.07E-08	9.72E-08	3.60E-07
4766	471863.09	3861377.25	4.53E-04	4.89E-04	7.74E-04	1.57E-07	4.73E-07	2.74E-07	2.96E-07	2.68E-07	1.22E-07	1.94E-07	5.24E-09	1.26E-07	2.79E-08	4.02E-08	6.37E-08	1.12E-08	1.02E-07	3.76E-07
4767	472363.09	3861377.25	4.74E-04	5.11E-04	8.09E-04	1.64E-07	4.95E-07	2.87E-07	3.09E-07	2.80E-07	1.28E-07	2.03E-07	5.48E-09	1.32E-07	2.92E-08	4.20E-08	6.66E-08	1.17E-08	1.06E-07	3.94E-07
4768	472863.09	3861377.25	4.98E-04	5.37E-04	8.50E-04	1.72E-07	5.20E-07	3.01E-07	3.25E-07	2.95E-07	1.34E-07	2.13E-07	5.75E-09	1.39E-07	3.07E-08	4.41E-08	7.00E-08	1.23E-08	1.12E-07	4.14E-07
4769	473363.09	3861377.25	5.21E-04	5.62E-04	8.90E-04	1.80E-07	5.45E-07	3.15E-07	3.40E-07	3.08E-07	1.41E-07	2.23E-07	6.02E-09	1.46E-07	3.21E-08	4.62E-08	7.33E-08	1.29E-08	1.17E-07	4.33E-07
4770	473863.09	3861377.25	5.43E-04	5.86E-04	9.28E-04	1.88E-07	5.68E-07	3.29E-07	3.55E-07	3.22E-07	1.47E-07	2.32E-07	6.28E-09	1.52E-07	3.35E-08	4.82E-08	7.64E-08	1.35E-08	1.22E-07	4.51E-07
4771	474363.09	3861377.25	5.73E-04	6.18E-04	9.78E-04	1.98E-07	5.98E-07	3.46E-07	3.74E-07	3.39E-07	1.55E-07	2.45E-07	6.62E-09	1.60E-07	3.53E-08	5.08E-08	8.05E-08	1.42E-08	1.28E-07	4.76E-07
4772	474863.09	3861377.25	5.95E-04	6.42E-04	1.02E-03	2.06E-07	6.22E-07	3.60E-07	3.88E-07	3.52E-07	1.61E-07	2.54E-07	6.88E-09	1.66E-07	3.67E-08	5.27E-08	8.36E-08	1.47E-08	1.33E-07	4.94E-07
4773	475363.09	3861377.25	6.27E-04	6.77E-04	1.07E-03	2.17E-07	6.56E-07	3.79E-07	4.09E-07	3.71E-07	1.69E-07	2.68E-07	7.25E-09	1.75E-07	3.86E-08	5.56E-08	8.82E-08	1.55E-08	1.41E-07	5.21E-07
4774	475863.09	3861377.25	6.46E-04	6.97E-04	1.10E-03	2.24E-07	6.75E-07	3.91E-07	4.22E-07	3.82E-07	1.74E-07	2.76E-07	7.47E-09	1.80E-07	3.98E-08	5.73E-08	9.08E-08	1.60E-08	1.45E-07	5.37E-07
4775	476363.09	3861377.25	6.51E-04	7.03E-04	1.11E-03	2.25E-07	6.81E-07	3.94E-07	4.25E-07	3.85E-07	1.76E-07	2.79E-07	7.53E-09	1.82E-07	4.01E-08	5.77E-08	9.16E-08	1.61E-08	1.46E-07	5.41E-07
4776	476863.09	3861377.25	6.58E-04	7.10E-04	1.13E-03	2.28E-07	6.88E-07	3.98E-07	4.30E-07	3.89E-07	1.78E-07	2.82E-07	7.60E-09	1.84E-07	4.05E-08	5.83E-08	9.25E-08	1.63E-08	1.48E-07	5.47E-07
4777	477363.09	3861377.25	6.68E-04	7.21E-04	1.14E-03	2.31E-07	6.98E-07	4.04E-07	4.36E-07	3.96E-07	1.80E-07	2.86E-07	7.72E-09	1.87E-07	4.12E-08	5.92E-08	9.40E-08	1.66E-08	1.50E-07	5.56E-07
4778	477863.09	3861377.25	5.56E-04	6.00E-04	9.52E-04	1.93E-07	5.81E-07	3.37E-07	3.63E-07	3.29E-07	1.50E-07	2.38E-07	6.43E-09	1.55E-07	3.43E-08	4.93E-08	7.82E-08	1.38E-08	1.25E-07	4.62E-07
4779	478363.09	3861377.25	3.14E-04	3.39E-04	5.33E-04	1.09E-07	3.28E-07	1.90E-07	2.05E-07	1.86E-07	8.48E-08	1.34E-07	3.63E-09	8.77E-08	1.94E-08	2.78E-08	4.41E-08	7.78E-09	7.01E-08	2.61E-07
4780	478863.09	3861377.25	4.06E-04	4.38E-04	6.92E-04	1.41E-07	4.25E-07	2.46E-07	2.65E-07	2.40E-07	1.10E-07	1.73E-07	4.70E-09	1.13E-07	2.50E-08	3.60E-08	5.71E-08	1.01E-08	9.09E-08	3.37E-07
4781	479363.09	3861377.25	8.10E-04	8.74E-04	1.39E-03	2.80E-07	8.47E-07	4.90E-07	5.29E-07	4.80E-07	2.19E-07	3.47E-07	9.36E-09	2.26E-07	4.99E-08	7.18E-08	1.14E-07	2.01E-08	1.82E-07	6.74E-07
4782	479863.09	3861377.25	9.99E-04	1.08E-03	1.71E-03	3.46E-07	1.04E-06	6.04E-07	6.52E-07	5.91E-07	2.70E-07	4.27E-07	1.15E-08	2.79E-07	6.15E-08	8.85E-08	1.40E-07	2.47E-08	2.24E-07	8.30E-07
4783	480363.09	3861377.25	1.10E-03	1.19E-03	1.88E-03	3.82E-07	1.15E-06	6.67E-07	7.19E-07	6.52E-07	2.98E-07	4.69E-07	1.27E-08	3.08E-07	6.79E-08	9.77E-08	1.55E-07	2.73E-08	2.46E-07	9.15E-07
4784	480863.09	3861377.25	1.18E-03	1.27E-03	2.00E-03	4.07E-07	1.23E-06	7.11E-07	7.67E-07	6.95E-07	3.17E-07	5.00E-07	1.36E-08	3.28E-07	7.24E-08	1.04E-07	1.65E-07	2.91E-08	2.62E-07	9.75E-07
4785	481363.09	3861377.25	1.24E-03	1.34E-03	2.11E-03	4.29E-07	1.30E-06	7.50E-07	8.09E-07	7.34E-07	3.35E-07	5.28E-07	1.43E-08	3.46E-07	7.64E-08	1.10E-07	1.74E-07	3.07E-08	2.77E-07	1.03E-06
4786	481863.09	3861377.25	1.30E-03	1.41E-03	2.21E-03	4.51E-07	1.36E-06	7.89E-07	8.51E-07	7.71E-07	3.52E-07	5.54E-07	1.51E-08	3.64E-07	8.04E-08	1.16E-07	1.83E-07	3.23E-08	2.91E-07	1.08E-06
4787	482363.09	3861377.25	1.37E-03	1.48E-03	2.32E-03	4.74E-07	1.43E-06	8.28E-07	8.93E-07	8.10E-07	3.69E-07	5.81E-07	1.58E-08	3.82E-07	8.44E-08	1.21E-07	1.92E-07	3.39E-08	3.05E-07	1.13E-06
4788	482863.09	3861377.25	1.43E-03	1.54E-03	2.43E-03	4.96E-07	1.50E-06	8.67E-07	9.35E-07	8.47E-07	3.87E-07	6.07E-07	1.66E-08	4.00E-07	8.83E-08	1.27E-07	2.01E-07	3.55E-08	3.19E-07	1.19E-06
4789	483363.09	3861377.25	1.49E-03	1.61E-03	2.53E-03	5.17E-07	1.56E-06	9.04E-07	9.74E-07	8.83E-07	4.03E-07	6.32E-07	1.73E-08	4.17E-07	9.20E-08	1.32E-07	2.10E-07	3.70E-08	3.32E-07	1.24E-06
4790	483863.09	3861377.25	1.54E-03	1.66E-03	2.61E-03	5.34E-07	1.61E-06	9.34E-07	1.01E-06	9.12E-07	4.16E-07	6.53E-07	1.78E-08	4.31E-07	9.51E-08	1.37E-07	2.17E-07	3.82E-08	3.42E-07	1.28E-06
4791	484363.09	3861377.25	1.59E-03	1.72E-03	2.69E-03	5.51E-07	1.66E-06	9.64E-07	1.04E-06	9.41E-07	4.30E-07	6.74E-07	1.84E-08	4.45E-07	9.81E-08	1.41E-07	2.24E-07	3.94E-08	3.54E-07	1.32E-06
4792	484863.09	3861377.25	1.61E-03	1.73E-03	2.71E-03	5.56E-07	1.68E-06	9.72E-07	1.05E-06	9.49E-07	4.33E-07	6.79E-07	1.86E-08	4.48E-07	9.90E-08	1.42E-07	2.26E-07	3.97E-08	3.56E-07	1.33E-06
4793	485363.09	3861377.25	1.61E-03	1.73E-03	2.71E-03	5.57E-07	1.68E-06	9.73E-07	1.05E-06	9.50E-07	4.34E-07	6.79E-07	1.86E-08	4.49E-07	9.91E-08	1.42E-07	2.26E-07	3.98E-08	3.56E-07	1.33E-06
4794	485863.09	3861377.25	1.62E-03	1.75E-03	2.74E-03	5.62E-07	1.70E-06	9.83E-07	1.06E-06	9.60E-07	4.38E-07	6.85E-07	1.88E-08	4.54E-07	1.00E-07	1.44E-07	2.28E-07	4.02E-08	3.60E-07	1.34E-06
4795	486363.09	3861377.25	1.61E-03	1.74E-03	2.71E-03	5.58E-07	1.68E-06	9.75E-07	1.05E-06	9.52E-07	4.34E-07	6.79E-07	1.86E-08	4.50E-07	9.93E-08	1.43E-07	2.26E-07	3.99E-08	3.56E-07	1.33E-06
4796	486863.09	3861377.25	1.59E-03	1.72E-03	2.68E-03	5.52E-07	1.67E-06	9.65E-07	1.04E-06	9.42E-07	4.30E-07	6.71E-07	1.84E-08	4.45E-07	9.83E-08	1.41E-07	2.24E-07	3.94E-08	3.52E-07	1.32E-06
4797	487363.09	3861377.25	1.59E-03	1.71E-03	2.67E-03	5.49E-07	1.66E-06	9.60E-07	1.03E-06	9.37E-07	4.27E-07	6.68E-07	1.83E-08	4.43E-07	9.77E-08	1.40E-07	2.23E-07	3.92E-08	3.51E-07	1.31E-06
4798	487863.09	3861377.25	1.59E-03	1.71E-03	2.67E-03	5.49E-07	1.66E-06	9.59E-07	1.03E-06	9.37E-07	4.27E-07	6.69E-07	1.83E-08	4.43E-07	9.77E-08	1.40E-07	2.23E-07	3.92E-08	3.51E-07	1.31E-06
4799	488363.09	3861377.25	1.59E-03	1.71E-03	2.68E-03	5.49E-07	1.66E-06	9.60E-07	1.03E-06	9.38E-07	4.28E-07	6.71E-07	1.83E-08	4.43E-07	9.78E-08	1.40E-07	2.23E-07	3.93E-08	3.52E-07	1.31E-06
4800	488863.09	3861377.25	1.62E-03	1.75E-03	2.75E-03	5.62E-07	1.70E-06	9.82E-07	1.06E-06	9.59E-07	4.38E-07	6.88E-07	1.88E-08	4.53E-07	1.00E-07	1.44E-07	2.28E-07	4.02E-08	3.61E-07	1.34E-06
4801	489363.09	3861377.25	1.64E-03	1.77E-03	2.78E-03	5.68E-07	1.71E-06	9.92E-07	1.07E-06	9.70E-07	4.43E-07	6.96E-07	1.90E-08	4.58E-07	1.01E-07	1.45E-07	2.30E-07	4.06E-08	3.65E-07	1.36E-06
4802	489863.09	3861377.25	1.67E-03	1.80E-03	2.84E-03	5.79E-07	1.75E-06	1.01E-06	1.09E-06	9.89E-07	4.51E-07	7.11E-07	1.93E-08	4.67E-07	1.03E-07	1.48E-07	2.35E-07	4.14E-08	3.73E-07	1.39E-06
4803	490363.09	3861377.25	1.70E-03	1.83E-03	2.89E-03	5.88E-07	1.78E-06	1.03E-06	1.11E-06	1.01E-06	4.59E-07	7.24E-07	1.96E-08	4.74E-07	1.05E-07	1.51E-07	2.39E-07	4.21E-08	3.80E-07	1.41E-06
4804	490863.09	3861377.25	1.72E-03	1.85E-03	2.93E-03	5.94E-07	1.79E-06	1.04E-06	1.12E-06	1.02E-06	4.64E-07	7.33E-07	1.98E-08	4.79E-07	1.06E-07	1.52E-07	2.41E-07	4.25E-08	3.85E-07	1.43E-06
4805	491363.09	3861377.25	1.66E-03	1.79E-03	2.84E-03	5.76E-07	1.74E-06	1.01E-06	1.09E-06	9.84E-07	4.49E-07	7.11E-07	1.92E-08	4.64E-07	1.02E-07	1.47E-07	2.34E-07	4.12E-08	3.73E-07	1.38E-06
4806	491863.09	3861377.25	1.58E-03	1.70E-03	2.70E-03	5.46E-07	1.65E-06	9.55E-07	1.03E-06	9.34E-07	4.26E-07	6.75E-07	1.82E-08	4.41E-07	9.73E-08	1.40E-07	2.22E-07	3.91E-08	3.54E-07	1.31E-06
4807	492363.09	3861377.25	1.54E-03	1.67E-03	2.64E-03	5.34E-07	1.61E-06	9.34E-07	1.01E-06	9.13E-07	4.17E-07	6.60E-07	1.78E-08	4.31E-07	9.51E-08	1.37E-07	2.17E-07	3.83E-08	3.46E-07	1.28E-06
4808	492863.09	3861377.25	1.56E-03	1.68E-03	2.66E-03	5.38E-07	1.63E-06	9.41E-07	1.02E-06	9.21E-07	4.20E-07	6.66E-07	1.80E-08	4.34E-07	9.58E-08	1.38E-07	2.19E-07	3.85E-08	3.49E-07	1.29E-06
4809	493363.09	3861377.25	1.60E-03	1.73E-03	2.74E-03	5.54E-07	1.67E-06	9.69E-07	1.05E-06	9.48E-07	4.33E-07	6.86E-07	1.85E-08	4.47E-07	9.87E-08	1.42E-07	2.25E-07	3.97E-08	3.60E-07	1.33E-06
4810	493863.09	3861377.25	1.64E-03	1.77E-03	2.82E-03	5.69E-07	1.72E-06	9.94E-07	1.07E-06	9.72E-07	4.44E-07	7.05E-07	1.90E-08	4.59E-07	1.01E-07	1.46E-07	2.31E-07	4.07E-08	3.70E-07	1.37E-06
4811	494363.09	3861377.25	1.66E-03	1.79E-03	2.85E-03	5.75E-07	1.74E-06	1.01E-06	1.09E-06	9.84E-07	4.49E-07	7.14E-07	1.92E-08	4.64E-07	1.02E-07	1.47E-07	2.34E-07	4.12E-08	3.75E-07	1.38E-06
4812	494863.09	3861377.25	1.66E-03	1.79E-03	2.85E-03	5.74E-07	1.73E-06	1.00E-06	1.08E-06	9.83E-07	4.48E-07	7.14E-07	1.92E-08	4.63E-07	1.02E-07	1.47E-07	2.33E-07	4.11E-08	3.75E-07	1.38E-06
4813	495363.09	3861377.25	1.64E-03	1.77E-03	2.81E-03	5.66E-07	1.71E-06	9.90E-07	1.07E-06	9.69E-07	4.42E-07	7.04E-07	1.89E-08	4.57E-07	1.01E-07	1.45E-07	2.30E-07	4.06E-08	3.70E-07	1.36E-06
4814	495863.09	3861377.25	1.60E-03	1.72E-03	2.75E-03	5.53E-07	1.67E-06	9.66E-07	1.04E-06	9.46E-07	4.32E-07	6.88E-07	1.85E-08	4.46E-07	9.84E-08	1.42E-07	2.25E-07	3.96E-08	3.61E-07	1.33E-06
4815	496363.09	3861377.25	1.58E-03	1.71E-03	2.72E-03	5.46E-07	1.65E-06	9.55E-07	1.03E-06	9.35E-07	4.27E-07	6.81E-07	1.82E-08	4.41E-07	9.73E-08	1.40E-07	2.22E-07	3.92E-08	3.57E-07	1.32E-06
4816	496863.09	3861377.25	1.57E-03	1.69E-03	2.70E-03	5.42E-07	1.64E-06	9.48E-07	1.02E-06	9.28E-07	4.24E-07	6.76E-07	1.81E-08	4.38E-07	9.66E-08	1.39E-07	2.21E-07	3.89E-08	3.55E-07	1.31E-06
4817	497363.09	3861377.25	1.53E-03	1.65E-03	2.64E-03	5.30E-07	1.60E-06	9.26E-07	1.00E-06	9.07E-07	4.14E-07	6.61E-07	1.77E-08	4.27E-07	9.43E-08	1.36E-07	2.15E-07	3.80E-08	3.47E-07	1.28E-06
4818	497863.09	3861377.25	1.49E-03	1.61E-03	2.58E-03	5.17E-07	1.56E-06	9.03E-07	9.76E-07	8.85E-07	4.04E-07	6.45E-07	1.73E-08	4.17E-07	9.20E-08	1.33E-07	2.10E-07	3.71E-08	3.38E-07	1.24E-06
4819	498363.09	3861377.25	1.46E-03	1.58E-03	2.52E-03	5.05E-07	1.52E-06	8.83E-07	9.54E-07	8.65E-07	3.94E-07	6.30E-07	1.69E-08	4.07E-07	8.99E-08	1.29E-07	2.05E-07	3.62E-08	3.31E-07	1.22E-06
4820	471363.09	3861877.25	4.26E-04	4.60E-04	7.28E-04	1.47E-07	4.45E-07	2.58E-07	2.78E-07	2.52E-07	1.15E-07	1.82E-07	4.92E-09	1.19E-07	2.63E-08	3.78E-08	5.99E-08	1.06E-08	9.56E-08	3.54E-07
4821	471863.09	3861877.25	4.44E-04	4.79E-04	7.58E-04	1.54E-07	4.64E-07	2.69E-07	2.90E-07	2.63E-07	1.20E-07	1.90E-07	5.13E-09	1.24E-07	2.73E-08	3.93E-08	6.24E-08	1.10E-08	9.96E-08	3.69E-07
4822	472363.09	3861877.25	4.63E-04	5.00E-04	7.92E-04	1.60E-07	4.84E-07	2.80E-07	3.03E-07	2.74E-07	1.25E-07	1.98E-07	5.36E-09	1.29E-07	2.86E-08	4.11E-08	6.52E-08	1.15E-08	1.04E-07	3.85E-07
4823	472863.09	3861877.25	4.85E-04	5.23E-04	8.28E-04	1.68E-07	5.07E-07	2.93E-07	3.16E-07	2.87E-07	1.31E-07	2.07E-07	5.60E-09	1.35E-07	2.99E-08	4.30E-08	6.82E-08	1.20E-08	1.09E-07	4.03E-07

4824	473363.09	3861877.25	5.07E-04	5.47E-04	8.66E-04	1.76E-07	5.30E-07	3.07E-07	3.31E-07	3.00E-07	1.37E-07	2.17E-07	5.86E-09	1.42E-07	3.12E-08	4.49E-08	7.13E-08	1.26E-08	1.14E-07	4.21E-07
4825	473863.09	3861877.25	5.29E-04	5.71E-04	9.03E-04	1.83E-07	5.53E-07	3.20E-07	3.45E-07	3.13E-07	1.43E-07	2.26E-07	6.11E-09	1.48E-07	3.26E-08	4.69E-08	7.44E-08	1.31E-08	1.19E-07	4.39E-07
4826	474363.09	3861877.25	5.53E-04	5.97E-04	9.44E-04	1.91E-07	5.78E-07	3.35E-07	3.61E-07	3.27E-07	1.49E-07	2.36E-07	6.39E-09	1.54E-07	3.41E-08	4.90E-08	7.78E-08	1.37E-08	1.24E-07	4.59E-07
4827	474863.09	3861877.25	5.76E-04	6.22E-04	9.83E-04	1.99E-07	6.02E-07	3.49E-07	3.76E-07	3.41E-07	1.56E-07	2.46E-07	6.66E-09	1.61E-07	3.55E-08	5.11E-08	8.10E-08	1.43E-08	1.29E-07	4.79E-07
4828	475363.09	3861877.25	6.02E-04	6.49E-04	1.03E-03	2.08E-07	6.29E-07	3.64E-07	3.93E-07	3.56E-07	1.63E-07	2.57E-07	6.96E-09	1.68E-07	3.71E-08	5.33E-08	8.46E-08	1.49E-08	1.35E-07	5.00E-07
4829	475863.09	3861877.25	6.31E-04	6.81E-04	1.08E-03	2.19E-07	6.60E-07	3.82E-07	4.12E-07	3.73E-07	1.70E-07	2.69E-07	7.30E-09	1.76E-07	3.89E-08	5.59E-08	8.87E-08	1.56E-08	1.41E-07	5.24E-07
4830	476363.09	3861877.25	6.59E-04	7.11E-04	1.12E-03	2.28E-07	6.88E-07	3.98E-07	4.30E-07	3.90E-07	1.78E-07	2.81E-07	7.61E-09	1.84E-07	4.06E-08	5.84E-08	9.26E-08	1.63E-08	1.48E-07	5.47E-07
4831	476863.09	3861877.25	6.78E-04	7.31E-04	1.16E-03	2.35E-07	7.08E-07	4.10E-07	4.42E-07	4.01E-07	1.83E-07	2.90E-07	7.83E-09	1.89E-07	4.17E-08	6.01E-08	9.53E-08	1.68E-08	1.52E-07	5.63E-07
4832	477363.09	3861877.25	6.87E-04	7.42E-04	1.18E-03	2.38E-07	7.19E-07	4.16E-07	4.49E-07	4.07E-07	1.86E-07	2.94E-07	7.95E-09	1.92E-07	4.24E-08	6.09E-08	9.67E-08	1.70E-08	1.54E-07	5.71E-07
4833	477863.09	3861877.25	5.57E-04	6.01E-04	9.53E-04	1.93E-07	5.83E-07	3.37E-07	3.64E-07	3.30E-07	1.51E-07	2.39E-07	6.44E-09	1.56E-07	3.43E-08	4.94E-08	7.84E-08	1.38E-08	1.25E-07	4.63E-07
4834	478363.09	3861877.25	2.56E-04	2.76E-04	4.35E-04	8.88E-08	2.68E-07	1.55E-07	1.67E-07	1.52E-07	6.92E-08	1.09E-07	2.96E-09	7.16E-08	1.58E-08	2.27E-08	3.60E-08	6.35E-09	5.71E-08	2.13E-07
4835	478863.09	3861877.25	4.64E-04	5.01E-04	7.92E-04	1.61E-07	4.85E-07	2.81E-07	3.03E-07	2.75E-07	1.25E-07	1.98E-07	5.36E-09	1.30E-07	2.86E-08	4.11E-08	6.52E-08	1.15E-08	1.04E-07	3.85E-07
4836	479363.09	3861877.25	4.18E-04	4.50E-04	7.12E-04	1.45E-07	4.37E-07	2.53E-07	2.73E-07	2.47E-07	1.13E-07	1.78E-07	4.83E-09	1.17E-07	2.57E-08	3.70E-08	5.87E-08	1.03E-08	9.35E-08	3.47E-07
4837	479863.09	3861877.25	9.04E-04	9.75E-04	1.54E-03	3.13E-07	9.45E-07	5.47E-07	5.90E-07	5.35E-07	2.44E-07	3.86E-07	1.05E-08	2.52E-07	5.57E-08	8.01E-08	1.27E-07	2.24E-08	2.03E-07	7.51E-07
4838	480363.09	3861877.25	1.00E-03	1.08E-03	1.70E-03	3.46E-07	1.05E-06	6.06E-07	6.53E-07	5.92E-07	2.70E-07	4.26E-07	1.16E-08	2.79E-07	6.17E-08	8.87E-08	1.41E-07	2.48E-08	2.23E-07	8.30E-07
4839	480863.09	3861877.25	1.05E-03	1.13E-03	1.79E-03	3.64E-07	1.10E-06	6.37E-07	6.86E-07	6.22E-07	2.84E-07	4.47E-07	1.22E-08	2.94E-07	6.48E-08	9.32E-08	1.48E-07	2.61E-08	2.35E-07	8.73E-07
4840	481363.09	3861877.25	1.10E-03	1.19E-03	1.87E-03	3.82E-07	1.15E-06	6.67E-07	7.19E-07	6.52E-07	2.97E-07	4.68E-07	1.27E-08	3.08E-07	6.79E-08	9.76E-08	1.55E-07	2.73E-08	2.46E-07	9.14E-07
4841	481863.09	3861877.25	1.15E-03	1.24E-03	1.96E-03	4.00E-07	1.21E-06	6.98E-07	7.53E-07	6.82E-07	3.11E-07	4.90E-07	1.33E-08	3.22E-07	7.11E-08	1.02E-07	1.62E-07	2.86E-08	2.57E-07	9.57E-07
4842	482363.09	3861877.25	1.21E-03	1.30E-03	2.05E-03	4.18E-07	1.26E-06	7.31E-07	7.88E-07	7.14E-07	3.26E-07	5.12E-07	1.40E-08	3.37E-07	7.45E-08	1.07E-07	1.70E-07	2.99E-08	2.69E-07	1.00E-06
4843	482863.09	3861877.25	1.26E-03	1.36E-03	2.14E-03	4.37E-07	1.32E-06	7.64E-07	8.23E-07	7.46E-07	3.41E-07	5.35E-07	1.46E-08	3.52E-07	7.78E-08	1.12E-07	1.77E-07	3.13E-08	2.81E-07	1.05E-06
4844	483363.09	3861877.25	1.31E-03	1.41E-03	2.21E-03	4.52E-07	1.36E-06	7.90E-07	8.52E-07	7.72E-07	3.52E-07	5.53E-07	1.51E-08	3.65E-07	8.05E-08	1.16E-07	1.83E-07	3.23E-08	2.90E-07	1.08E-06
4845	483863.09	3861877.25	1.34E-03	1.44E-03	2.26E-03	4.64E-07	1.40E-06	8.10E-07	8.73E-07	7.92E-07	3.61E-07	5.67E-07	1.55E-08	3.74E-07	8.25E-08	1.19E-07	1.88E-07	3.31E-08	2.97E-07	1.11E-06
4846	484363.09	3861877.25	1.36E-03	1.47E-03	2.30E-03	4.71E-07	1.42E-06	8.23E-07	8.87E-07	8.04E-07	3.67E-07	5.75E-07	1.57E-08	3.80E-07	8.38E-08	1.20E-07	1.91E-07	3.37E-08	3.02E-07	1.13E-06
4847	484863.09	3861877.25	1.39E-03	1.49E-03	2.34E-03	4.80E-07	1.45E-06	8.38E-07	9.03E-07	8.19E-07	3.74E-07	5.85E-07	1.60E-08	3.87E-07	8.54E-08	1.23E-07	1.95E-07	3.43E-08	3.07E-07	1.15E-06
4848	485363.09	3861877.25	1.38E-03	1.49E-03	2.34E-03	4.79E-07	1.45E-06	8.38E-07	9.03E-07	8.18E-07	3.73E-07	5.85E-07	1.60E-08	3.87E-07	8.53E-08	1.23E-07	1.94E-07	3.43E-08	3.07E-07	1.15E-06
4849	485863.09	3861877.25	1.37E-03	1.47E-03	2.30E-03	4.73E-07	1.43E-06	8.27E-07	8.91E-07	8.07E-07	3.68E-07	5.76E-07	1.58E-08	3.82E-07	8.42E-08	1.21E-07	1.92E-07	3.38E-08	3.02E-07	1.13E-06
4850	486363.09	3861877.25	1.36E-03	1.46E-03	2.28E-03	4.69E-07	1.42E-06	8.20E-07	8.83E-07	8.01E-07	3.65E-07	5.70E-07	1.57E-08	3.78E-07	8.35E-08	1.20E-07	1.90E-07	3.35E-08	2.99E-07	1.12E-06
4851	486863.09	3861877.25	1.34E-03	1.44E-03	2.25E-03	4.64E-07	1.40E-06	8.11E-07	8.73E-07	7.92E-07	3.61E-07	5.64E-07	1.55E-08	3.74E-07	8.26E-08	1.19E-07	1.88E-07	3.31E-08	2.96E-07	1.11E-06
4852	487363.09	3861877.25	1.33E-03	1.43E-03	2.24E-03	4.61E-07	1.39E-06	8.05E-07	8.67E-07	7.86E-07	3.59E-07	5.61E-07	1.54E-08	3.72E-07	8.20E-08	1.18E-07	1.87E-07	3.29E-08	2.94E-07	1.10E-06
4853	487863.09	3861877.25	1.33E-03	1.43E-03	2.24E-03	4.60E-07	1.39E-06	8.04E-07	8.66E-07	7.85E-07	3.58E-07	5.60E-07	1.54E-08	3.71E-07	8.19E-08	1.18E-07	1.86E-07	3.29E-08	2.94E-07	1.10E-06
4854	488363.09	3861877.25	1.33E-03	1.43E-03	2.24E-03	4.60E-07	1.39E-06	8.04E-07	8.66E-07	7.85E-07	3.58E-07	5.62E-07	1.54E-08	3.71E-07	8.19E-08	1.18E-07	1.87E-07	3.29E-08	2.95E-07	1.10E-06
4855	488863.09	3861877.25	1.34E-03	1.45E-03	2.27E-03	4.65E-07	1.40E-06	8.12E-07	8.75E-07	7.94E-07	3.62E-07	5.69E-07	1.55E-08	3.75E-07	8.27E-08	1.19E-07	1.89E-07	3.32E-08	2.99E-07	1.11E-06
4856	489363.09	3861877.25	1.35E-03	1.46E-03	2.29E-03	4.68E-07	1.41E-06	8.18E-07	8.81E-07	7.99E-07	3.65E-07	5.73E-07	1.56E-08	3.77E-07	8.32E-08	1.20E-07	1.90E-07	3.35E-08	3.01E-07	1.12E-06
4857	489863.09	3861877.25	1.37E-03	1.48E-03	2.33E-03	4.75E-07	1.43E-06	8.30E-07	8.95E-07	8.12E-07	3.70E-07	5.83E-07	1.59E-08	3.83E-07	8.46E-08	1.22E-07	1.93E-07	3.40E-08	3.06E-07	1.14E-06
4858	490363.09	3861877.25	1.38E-03	1.49E-03	2.35E-03	4.77E-07	1.44E-06	8.34E-07	9.00E-07	8.15E-07	3.72E-07	5.87E-07	1.59E-08	3.85E-07	8.49E-08	1.22E-07	1.94E-07	3.41E-08	3.08E-07	1.14E-06
4859	490863.09	3861877.25	1.40E-03	1.51E-03	2.39E-03	4.86E-07	1.47E-06	8.49E-07	9.16E-07	8.30E-07	3.79E-07	5.99E-07	1.62E-08	3.92E-07	8.65E-08	1.24E-07	1.97E-07	3.48E-08	3.14E-07	1.17E-06
4860	491363.09	3861877.25	1.43E-03	1.54E-03	2.44E-03	4.94E-07	1.49E-06	8.64E-07	9.32E-07	8.45E-07	3.86E-07	6.10E-07	1.65E-08	3.99E-07	8.80E-08	1.27E-07	2.01E-07	3.54E-08	3.20E-07	1.19E-06
4861	491863.09	3861877.25	1.40E-03	1.51E-03	2.39E-03	4.84E-07	1.46E-06	8.46E-07	9.13E-07	8.28E-07	3.78E-07	5.98E-07	1.62E-08	3.91E-07	8.62E-08	1.24E-07	1.97E-07	3.47E-08	3.14E-07	1.16E-06
4862	492363.09	3861877.25	1.32E-03	1.43E-03	2.26E-03	4.57E-07	1.38E-06	8.00E-07	8.63E-07	7.82E-07	3.57E-07	5.65E-07	1.53E-08	3.69E-07	8.14E-08	1.17E-07	1.86E-07	3.28E-08	2.97E-07	1.10E-06
4863	492863.09	3861877.25	1.28E-03	1.38E-03	2.19E-03	4.44E-07	1.34E-06	7.75E-07	8.37E-07	7.59E-07	3.46E-07	5.48E-07	1.48E-08	3.58E-07	7.90E-08	1.14E-07	1.80E-07	3.18E-08	2.88E-07	1.07E-06
4864	493363.09	3861877.25	1.28E-03	1.38E-03	2.18E-03	4.42E-07	1.33E-06	7.72E-07	8.34E-07	7.56E-07	3.45E-07	5.47E-07	1.48E-08	3.56E-07	7.87E-08	1.13E-07	1.80E-07	3.16E-08	2.87E-07	1.06E-06
4865	493863.09	3861877.25	1.30E-03	1.40E-03	2.22E-03	4.49E-07	1.36E-06	7.85E-07	8.48E-07	7.68E-07	3.51E-07	5.56E-07	1.50E-08	3.62E-07	8.00E-08	1.15E-07	1.83E-07	3.22E-08	2.92E-07	1.08E-06
4866	494363.09	3861877.25	1.33E-03	1.44E-03	2.29E-03	4.62E-07	1.39E-06	8.07E-07	8.71E-07	7.90E-07	3.60E-07	5.72E-07	1.54E-08	3.72E-07	8.22E-08	1.18E-07	1.88E-07	3.31E-08	3.00E-07	1.11E-06
4867	494863.09	3861877.25	1.37E-03	1.48E-03	2.35E-03	4.75E-07	1.43E-06	8.30E-07	8.96E-07	8.12E-07	3.70E-07	5.89E-07	1.58E-08	3.83E-07	8.45E-08	1.22E-07	1.93E-07	3.40E-08	3.09E-07	1.14E-06
4868	495363.09	3861877.25	1.38E-03	1.49E-03	2.38E-03	4.79E-07	1.45E-06	8.37E-07	9.04E-07	8.20E-07	3.74E-07	5.95E-07	1.60E-08	3.86E-07	8.53E-08	1.23E-07	1.95E-07	3.43E-08	3.13E-07	1.15E-06
4869	495863.09	3861877.25	1.38E-03	1.49E-03	2.37E-03	4.77E-07	1.44E-06	8.33E-07	9.00E-07	8.16E-07	3.72E-07	5.93E-07	1.59E-08	3.84E-07	8.48E-08	1.22E-07	1.94E-07	3.42E-08	3.11E-07	1.15E-06
4870	496363.09	3861877.25	1.36E-03	1.47E-03	2.35E-03	4.72E-07	1.42E-06	8.24E-07	8.90E-07	8.07E-07	3.68E-07	5.87E-07	1.57E-08	3.80E-07	8.39E-08	1.21E-07	1.92E-07	3.38E-08	3.08E-07	1.13E-06
4871	496863.09	3861877.25	1.40E-03	1.52E-03	2.42E-03	4.86E-07	1.47E-06	8.49E-07	9.17E-07	8.31E-07	3.79E-07	6.05E-07	1.62E-08	3.92E-07	8.64E-08	1.24E-07	1.97E-07	3.48E-08	3.18E-07	1.17E-06
4872	497363.09	3861877.25	1.34E-03	1.44E-03	2.31E-03	4.63E-07	1.40E-06	8.09E-07	8.74E-07	7.93E-07	3.62E-07	5.77E-07	1.55E-08	3.73E-07	8.24E-08	1.19E-07	1.88E-07	3.32E-08	3.03E-07	1.11E-06
4873	497863.09	3861877.25	1.30E-03	1.40E-03	2.23E-03	4.48E-07	1.35E-06	7.84E-07	8.47E-07	7.67E-07	3.50E-07	5.59E-07	1.50E-08	3.62E-07	7.98E-08	1.15E-07	1.82E-07	3.21E-08	2.93E-07	1.08E-06
4874	498363.09	3861877.25	1.26E-03	1.37E-03	2.18E-03	4.38E-07	1.32E-06	7.65E-07	8.27E-07	7.49E-07	3.42E-07	5.46E-07	1.46E-08	3.53E-07	7.79E-08	1.12E-07	1.78E-07	3.14E-08	2.87E-07	1.05E-06
4875	471363.09	3862377.25	4.16E-04	4.49E-04	7.10E-04	1.44E-07	4.35E-07	2.52E-07	2.71E-07	2.46E-07	1.12E-07	1.78E-07	4.81E-09	1.16E-07	2.56E-08	3.69E-08	5.85E-08	1.03E-08	9.33E-08	3.45E-07
4876	471863.09	3862377.25	4.32E-04	4.66E-04	7.38E-04	1.50E-07	4.52E-07	2.61E-07	2.82E-07	2.56E-07	1.17E-07	1.85E-07	4.99E-09	1.21E-07	2.66E-08	3.83E-08	6.07E-08	1.07E-08	9.69E-08	3.59E-07
4877	472363.09	3862377.25	4.51E-04	4.86E-04	7.70E-04	1.56E-07	4.71E-07	2.73E-07	2.94E-07	2.67E-07	1.22E-07	1.93E-07	5.21E-09	1.26E-07	2.78E-08	3.99E-08	6.34E-08	1.12E-08	1.01E-07	3.74E-07
4878	472863.09	3862377.25	4.70E-04	5.07E-04	8.02E-04	1.63E-07	4.91E-07	2.84E-07	3.07E-07	2.78E-07	1.27E-07	2.01E-07	5.43E-09	1.31E-07	2.89E-08	4.16E-08	6.60E-08	1.16E-08	1.05E-07	3.90E-07
4879	473363.09	3862377.25	4.89E-04	5.28E-04	8.35E-04	1.69E-07	5.11E-07	2.96E-07	3.19E-07	2.89E-07	1.32E-07	2.09E-07	5.65E-09	1.37E-07	3.01E-08	4.34E-08	6.88E-08	1.21E-08	1.10E-07	4.06E-07
4880	473863.09	3862377.25	5.09E-04	5.49E-04	8.68E-04	1.76E-07	5.32E-07	3.08E-07	3.32E-07	3.01E-07	1.37E-07	2.17E-07	5.88E-09	1.42E-07	3.14E-08	4.51E-08	7.16E-08	1.26E-08	1.14E-07	4.23E-07
4881	474363.09	3862377.25	5.28E-04	5.70E-04	9.00E-04	1.83E-07	5.52E-07	3.20E-07	3.45E-07	3.12E-07	1.43E-07	2.25E-07	6.11E-09	1.47E-07	3.25E-08	4.68E-08	7.42E-08	1.31E-08	1.18E-07	4.39E-07
4882	474863.09	3862377.25	5.46E-04	5.89E-04	9.31E-04	1.89E-07	5.71E-07	3.30E-07	3.56E-07	3.23E-07	1.47E-07	2.33E-07	6.31E-09	1.52E-07	3.37E-08	4.84E-08	7.68E-08	1.35E-08	1.22E-07	4.54E-07
4883	475363.09	3862377.25	5.71E-04	6.16E-04	9.74E-04	1.98E-07	5.97E-07	3.46E-07	3.73E-07	3.38E-07	1.54E-07	2.44E-07	6.61E-09	1.60E-07	3.52E-08	5.06E-08	8.03E-08	1.42E-08	1.28E-07	4.74E-07
4884	475863.09	3862377.25	5.97E-04	6.44E-04	1.02E-03	2.07E-07	6.24E-07	3.62E-07	3.90E-07	3.54E-07	1.61E-07	2.55E-07	6.91E-09	1.67E-07	3.68E-08	5.29E-08	8.40E-08	1.48E-08	1.34E-07	4.96E-07
4885	476363.09	3862377.25	6.23E-04	6.72E-04	1.06E-03	2.16E-07	6.51E-07	3.77E-07	4.07E-07	3.69E-07	1.68E-07	2.66E-07	7.20E-09	1.74E-07	3.84E-08	5.52E-08	8.76E-08	1.54E-08	1.40E-07	5.17E-07
4886	476863.09	3862377.25	6.48E-04	6.99E-04	1.11E-03	2.24E-07	6.78E-07	3.92E-07	4.23E-07	3.84E-07	1.75E-07	2.77E-07	7.50E-09	1.81E-07	4.00E-08	5.75E-08	9.12E-08	1.61E-08	1.45E-07	5.38E-07
4887	477363.09	3862377.25	6.65E-04	7.17E-04	1.13E-03	2.30E-07	6.95E-07	4.02E-07	4.34E-07	3.93E-07	1.80E-07	2.84E-07	7.69E-09	1.86E-07	4.10E-08	5.89E-08	9.35E-08	1.65E-08	1.49E-07	5.52E-07
4888	477863.09	3862377.25	5.96E-04	6.43E-04	1.02E-03	2.06E-07	6.23E-07	3.60E-07	3.89E-07	3.53E-07	1.61E-07	2.55E-07	6.89E-09	1.66E-07	3.67E-08	5.28E-08	8.38E-08	1.48E-08	1.34E-07	4.95E-07
4889	478363.09	3862377.25	4.83E-04	5.21E-04	8.25E-04	1.67E-07	5.04E-07	2.92E-07	3.15E-07	2.86E-07	1.30E-07	2.06E-07	5.58E-09	1.35E-07	2.97E-08	4.28E-08	6.79E-08	1.20E-08	1.08E-07	4.01E-07
4890	478863.09	3862377.25	5.19E-04	5.60E-04	8.87E-04	1.80E-07	5.42E-07	3.14E-07	3.39E-07	3.07E-07	1.40E-07	2.22E-07	5.99E-09	1.45E-07	3.19E-08	4.60E-08	7.29E-08	1.29E-08	1.16E-07	4.31E-07
4891	479363.09	3862377.25	6.28E-04	6.78E-04	1.08E-03	2.18E-07	6.57E-07	3.80E-07	4.10E-07	3.72E-07	1.70E-07	2.69E-07	7.26E-09	1.75E-07	3.87E-08	5.57E-08	8.84E-08	1.56E-08	1.41E-07	5.22E-07
4892	479863.09	3862377.25	8.40E-04	9.06E-04	1.43E-03	2.91E-07	8.78E-07	5.08E-07	5.48E-07	4.97E-07	2.27E-07	3.58E-07	9.71E-09	2.35E-07	5.18E-08	7.44E-08	1.18E-07	2.08E-08	1.88E-07	6.97E-07
4893	480363.09	3862377.25	9.05E-04	9.75E-04	1.54E-03	3.13E-07	9.46E-07	5.47E-07	5.90E-07	5.35E-07	2.44E-07	3.84E-07	1.05E-08	2.53E-07	5.57E-08	8.01E-08	1.27E-07	2.24E-08	2.02E-07	7.50E-07
4894	480863.09	3862377.25	9.46E-04	1.02E-03	1.60E-03	3.27E-07	9.89E-07	5.72E-07	6.17E-07	5.59E-07	2.55E-07	4.01E-07	1.09E-08	2.64E-07	5.83E-08	8.38E-08	1.33E-07	2.34E-08	2.11E-07	7.84E-07
4895	481363.09	3862377.25	9.89E-04	1.07E-03	1.68E-03	3.42E-07	1.03E-06	5.99E-07	6.45E-07	5.85E-07	2.67E-07	4.19E-07	1.14E-08	2.76E-07	6.09E-08	8.76E-08	1.39E-07	2.45E-08	2.20E-07	8.20E-07
4896	481863.09	3862377.25	1.03E-03	1.11E-03	1.75E-03	3.58E-07	1.08E-06	6.25E-07	6.74E-07	6.11E-07	2.79E-07	4.38E-07	1.19E-08	2.88E-07	6.36E-08	9.14E-08	1.45E-07	2.56E-08	2.30E-07	8.56E-07
4897	482363.09	3862377.25	1.08E-03	1.16E-03	1.82E-03	3.73E-07	1.13E-06	6.52E-07	7.03E-07	6.37E-07	2.91E-07	4.57E-07	1.25E-08	3.01E-07	6.64E-08	9.54E-08	1.51E-07	2.67E-08	2.40E-07	8.93E-07
4898	482863.09	3862377.25	1.12E-03	1.21E-03	1.89E-03	3.87E-07	1.17E-06	6.77E-07	7.29E-07	6.61E-07	3.02E-07	4.74E-07	1.29E-08	3.12E-07	6.89E-08	9.90E-08	1.57E-07	2.77E-08	2.49E-07	9.27E-07
4899	483363.09	3862377.25	1.15E-03	1.24E-03	1.95E-03	3.99E-07	1.20E-06	6.97E-07	7.51E-07	6.81E-07	3.11E-07	4.87E-07	1.33E-08	3.22E-07	7.10E-08	1.02E-07	1.62E-07	2.85E-08	2.56E-07	9.54E-07
4900	483863.09	3862377.25	1.17E-03	1.26E-03	1.97E-03	4.04E-07	1.22E-06	7.06E-07	7.61E-07	6.90E-07	3.15E-07	4.93E-07	1.35E-08	3.26E-07	7.19E-08	1.03E-07	1.64E-07	2.89E-08	2.59E-07	9.67E-07
4901	484363.09	3862377.25	1.19E-03	1.28E-03	2.00E-03	4.11E-07	1.24E-06	7.18E-07	7.74E-07	7.01E-07	3.20E-07	5.01E-07	1.37E-08	3.31E-07	7.31E-08	1.05E-07	1.67E-07	2.94E-08	2.63E-07	9.82E-07
4902	484863.09	3862377.25	1.18E-03	1.28E-03	2.00E-03	4.10E-07	1.24E-06	7.17E-07	7.72E-07	7.00E-07	3.19E-07	5.00E-07	1.37E-08	3.31E-07	7.30E-08	1.05E-07	1.66E-07	2.93E-08	2.62E-07	9.80E-07
4903	485363.09	3862377.25	1.18E-03	1.27E-03	1.99E-03	4.08E-07	1.23E-06	7.14E-07	7.69E-07	6.97E-07	3.18E-07	4.97E-07	1.36E-08	3.29E-07	7.27E-08	1.04E-07	1.66E-07	2.92E-08	2.61E-07	9.76E-07
4904	485863.09	3862377.25	1.18E-03	1.27E-03	1.98E-03	4.07E-07	1.23E-06	7.12E-07	7.67E-07	6.95E-07	3.17E-07	4.96E-07	1.36E-08	3.29E-07	7.25E-08	1.04E-07	1.65E-07	2.91E-08	2.60E-07	9.73E-07
4905	486363.09	3862377.25	1.16E-03	1.25E-03	1.95E-03	4.01E-07	1.21E-06	7.01E-07	7.55E-07	6.85E-07	3.12E-07	4.88E-07	1.34E-08	3.24E-07	7.14E-08	1.03E-07	1.63E-07	2.87E-08	2.56E-07	9.58E-07
4906	486863.09	3862377.25	1.15E-03	1.23E-03	1.92E-03	3.96E-07	1.20E-06	6.93E-07	7.46E-07	6.76E-07	3.09E-07	4.82E-07	1.32E-08	3.20E-07	7.05E-08	1.01E-07	1.61E-07	2.83E-08	2.53E-07	9.47E-07
4907	487363.09	3862377.25	1.13E-03	1.22E-03	1.90E-03	3.92E-07	1.18E-06	6.86E-07	7.38E-07	6.69E-07	3.05E-07	4.77E-07	1.31E-08	3.16E-07	6.98E-08	1.00E-07	1.59E-07	2.80E-08	2.50E-07	9.37E-07
4908	487863.09	3862377.25	1.13E-03	1.22E-03	1.91E-03	3.92E-07	1.18E-06	6.86E-07	7.39E-07	6.70E-07	3.06E-07	4.78E-07	1.31E-08	3.17E-07	6.98E-08	1.00E-07	1.59E-07	2.80E-08	2.51E-07	9.38E-07
4909	488363.09	3862377.25	1.14E-03	1.22E-03	1.92E-03	3.93E-07	1.19E-06	6.87E-07	7.40E-07	6.71E-07	3.06E-07	4.80E-07	1.31E-08	3.17E-07	6.99E-08	1.00E-07	1.59E-07	2.81E-08	2.52E-07	9.40E-07
4910	488863.09	3862377.25	1.15E-03	1.23E-03	1.94E-03	3.96E-07	1.20E-06	6.93E-07	7.47E-07	6.77E-07	3.09E-07	4.85E-07	1.32E-08	3.20E-07	7.06E-08	1.01E-07	1.61E-07	2.84E-08	2.55E-07	9.49E-07
4911	489363.09	3862377.25	1.16E-03	1.25E-03	1.96E-03	4.00E-07	1.21E-06	6.99E-07	7.54E-07	6.83E-07	3.12E-07	4.90E-07	1.34E-08	3.23E-07	7.12E-08	1.02E-07	1.62E-07	2.86E-08	2.57E-07	9.58E-07
4912	489863.09	3862377.25	1.17E-03	1.26E-03	1.99E-03	4.05E-07	1.22E-06	7.08E-07	7.64E-07	6.92E-07	3.16E-07	4.97E-07	1.35E-08	3.27E-07	7.21E-08	1.04E-07	1.64E-07	2.90E-08	2.61E-07	9.71E-07
4913	490363.09	3862377.25	1.18E-03	1.28E-03	2.01E-03	4.10E-07	1.24E-06	7.17E-07	7.73E-07	7.00E-07	3.20E-07	5.04E-07	1.37E-08	3.31E-07	7.30E-08	1.05E-07	1.66E-07	2.93E-08	2.64E-07	9.82E-07
4914	490863.09	3862377.25	1.19E-03	1.28E-03	2.03E-03	4.12E-07	1.25E-06	7.21E-07	7.77E-07	7.05E-07	3.22E-07	5.07E-07	1.38E-08	3.33E-07	7.34E-08	1.06E-07	1.67E-07	2.95E-08	2.66E-07	9.89E-07
4915	491363.09	3862377.25	1.21E-03	1.31E-03	2.06E-03	4.19E-07	1.27E-06	7.32E-07	7.90E-07	7.16E-07	3.27E-07	5.17E-07	1.40E-08	3.38E-07	7.46E-08	1.07E-07	1.70E-07	3.00E-08	2.71E-07	1.01E-06
4916	491863.09	3862377.25	1.22E-03	1.32E-03	2.09E-03	4.23E-07	1.28E-06	7.40E-07	7.98E-07	7.24E-07	3.30E-07	5.23E-07	1.41E-08	3.41E-07	7.53E-08	1.08E-07	1.72E-07	3.03E-08	2.74E-07	1.02E-06
4917	492363.09	3862377.25	1.20E-03	1.30E-03	2.06E-03	4.16E-07	1.26E-06	7.27E-07	7.85E-07	7.12E-07	3.25E-07	5.15E-07	1.39E-08	3.36E-07	7.41E-08	1.07E-07	1.69E-07	2.98E-08	2.70E-07	9.99E-07
4918	492863.09	3862377.25	1.15E-03	1.24E-03	1.96E-03	3.97E-07	1.20E-06	6.94E-07	7.49E-07	6.79E-07	3.10E-07	4.91E-07	1.33E-08	3.20E-07	7.07E-08	1.02E-07	1.61E-07	2.84E-08	2.58E-07	9.54E-07
4919	493363.09	3862377.25	1.11E-03	1.19E-03	1.89E-03	3.83E-07	1.16E-06	6.69E-07	7.22E-07	6.55E-07	2.99E-07	4.73E-07	1.28E-08	3.09E-07	6.81E-08	9.80E-08	1.56E-07	2.74E-08	2.48E-07	9.19E-07
4920	493863.09	3862377.25	1.09E-03	1.18E-03	1.87E-03	3.78E-07	1.14E-06	6.60E-07	7.12E-07	6.46E-07	2.95E-07	4.67E-07	1.26E-08	3.04E-07	6.72E-08	9.67E-08	1.53E-07	2.70E-08	2.45E-07	9.07E-07
4921	494363.09	3862377.25	1.09E-03	1.18E-03	1.88E-03	3.79E-07	1.14E-06	6.62E-07	7.15E-07	6.48E-07	2.96E-07	4.69E-07	1.27E-08	3.06E-07	6.75E-08	9.71E-08	1.54E-07	2.71E-08	2.46E-07	9.10E-07
4922	494863.09	3862377.25	1.12E-03	1.21E-03	1.92E-03	3.87E-07	1.17E-06	6.77E-07	7.31E-07	6.63E-07	3.02E-07	4.80E-07	1.29E-08	3.12E-07	6.89E-08	9.92E-08	1.57E-07	2.77E-08	2.52E-07	9.31E-07
4923	495363.09	3862377.25	1.14E-03	1.23E-03	1.96E-03	3.96E-07	1.19E-06	6.91E-07	7.46E-07	6.77E-07	3.09E-07	4.91E-07	1.32E-08	3.19E-07	7.04E-08	1.01E-07	1.61E-07	2.83E-08	2.58E-07	9.51E-07
4924	495863.09	3862377.25	1.16E-03	1.26E-03	2.00E-03	4.03E-07	1.22E-06	7.05E-07	7.61E-07	6.90E-07	3.15E-07	5.01E-07	1.35E-08	3.25E-07	7.18E-08	1.03E-07	1.64E-07	2.89E-08	2.63E-07	9.70E-07
4925	496363.09	3862377.25	1.17E-03	1.27E-03	2.02E-03	4.05E-07	1.22E-06	7.09E-07	7.65E-07	6.94E-07	3.17E-07	5.05E-07	1.35E-08	3.27E-07	7.22E-08	1.04E-07	1.65E-07	2.91E-08	2.65E-07	9.75E-07
4926	496863.09	3862377.25	1.18E-03	1.27E-03	2.03E-03	4.08E-07	1.23E-06	7.13E-07	7.70E-07	6.98E-07	3.18E-07	5.08E-07	1.36E-08	3.29E-07	7.26E-08	1.05E-07	1.66E-07	2.92E-08	2.67E-07	9.81E-07
4927	497363.09	3862377.25	1.16E-03	1.25E-03	1.99E-03	4.00E-07	1.21E-06	6.99E-07	7.55E-07	6.84E-07	3.12E-07	4.98E-07	1.34E-08	3.23E-07	7.12E-08	1.02E-07	1.63E-07	2.87E-08	2.62E-07	9.62E-07
4928	497863.09	3862377.25	1.13E-03	1.22E-03	1.95E-03	3.92E-07	1.18E-06	6.85E-07	7.40E-07	6.71E-07	3.06E-07	4.89E-07	1.31E-08	3.16E-07	6.98E-08	1.00E-07	1.59E-07	2.81E-08	2.56E-07	9.44E-07

4929	498363.09	3862377.25	1.10E-03	1.19E-03	1.90E-03	3.82E-07	1.15E-06	6.68E-07	7.21E-07	6.54E-07	2.98E-07	4.76E-07	1.28E-08	3.08E-07	6.80E-08	9.79E-08	1.55E-07	2.74E-08	2.50E-07	9.20E-07
4930	471363.09	3862877.25	4.03E-04	4.35E-04	6.89E-04	1.40E-07	4.22E-07	2.44E-07	2.63E-07	2.39E-07	1.09E-07	1.72E-07	4.66E-09	1.13E-07	2.49E-08	3.58E-08	5.67E-08	1.00E-08	9.05E-08	3.35E-07
4931	471863.09	3862877.25	4.19E-04	4.52E-04	7.15E-04	1.45E-07	4.38E-07	2.53E-07	2.73E-07	2.48E-07	1.13E-07	1.79E-07	4.84E-09	1.17E-07	2.58E-08	3.71E-08	5.89E-08	1.04E-08	9.39E-08	3.48E-07
4932	472363.09	3862877.25	4.35E-04	4.69E-04	7.41E-04	1.50E-07	4.54E-07	2.63E-07	2.84E-07	2.57E-07	1.17E-07	1.86E-07	5.02E-09	1.21E-07	2.68E-08	3.85E-08	6.11E-08	1.08E-08	9.74E-08	3.61E-07
4933	472863.09	3862877.25	4.51E-04	4.86E-04	7.69E-04	1.56E-07	4.71E-07	2.73E-07	2.94E-07	2.67E-07	1.22E-07	1.92E-07	5.21E-09	1.26E-07	2.78E-08	3.99E-08	6.34E-08	1.12E-08	1.01E-07	3.74E-07
4934	473363.09	3862877.25	4.69E-04	5.05E-04	7.99E-04	1.62E-07	4.90E-07	2.83E-07	3.06E-07	2.77E-07	1.26E-07	2.00E-07	5.42E-09	1.31E-07	2.89E-08	4.15E-08	6.59E-08	1.16E-08	1.05E-07	3.89E-07
4935	473863.09	3862877.25	4.85E-04	5.23E-04	8.27E-04	1.68E-07	5.07E-07	2.93E-07	3.17E-07	2.87E-07	1.31E-07	2.07E-07	5.61E-09	1.35E-07	2.99E-08	4.30E-08	6.82E-08	1.20E-08	1.09E-07	4.03E-07
4936	474363.09	3862877.25	5.00E-04	5.40E-04	8.53E-04	1.73E-07	5.23E-07	3.03E-07	3.27E-07	2.96E-07	1.35E-07	2.13E-07	5.79E-09	1.40E-07	3.08E-08	4.43E-08	7.04E-08	1.24E-08	1.12E-07	4.15E-07
4937	474863.09	3862877.25	5.18E-04	5.59E-04	8.83E-04	1.79E-07	5.42E-07	3.13E-07	3.38E-07	3.07E-07	1.40E-07	2.21E-07	5.99E-09	1.45E-07	3.19E-08	4.59E-08	7.28E-08	1.28E-08	1.16E-07	4.30E-07
4938	475363.09	3862877.25	5.41E-04	5.84E-04	9.22E-04	1.87E-07	5.66E-07	3.27E-07	3.53E-07	3.20E-07	1.46E-07	2.31E-07	6.26E-09	1.51E-07	3.33E-08	4.80E-08	7.61E-08	1.34E-08	1.21E-07	4.49E-07
4939	475863.09	3862877.25	5.63E-04	6.08E-04	9.60E-04	1.95E-07	5.89E-07	3.41E-07	3.68E-07	3.33E-07	1.52E-07	2.40E-07	6.51E-09	1.57E-07	3.47E-08	4.99E-08	7.92E-08	1.40E-08	1.26E-07	4.68E-07
4940	476363.09	3862877.25	5.86E-04	6.33E-04	9.99E-04	2.03E-07	6.13E-07	3.55E-07	3.83E-07	3.47E-07	1.58E-07	2.50E-07	6.78E-09	1.64E-07	3.61E-08	5.20E-08	8.24E-08	1.45E-08	1.31E-07	4.87E-07
4941	476863.09	3862877.25	6.07E-04	6.55E-04	1.03E-03	2.10E-07	6.35E-07	3.67E-07	3.96E-07	3.59E-07	1.64E-07	2.59E-07	7.02E-09	1.70E-07	3.74E-08	5.38E-08	8.53E-08	1.50E-08	1.36E-07	5.04E-07
4942	477363.09	3862877.25	6.29E-04	6.78E-04	1.07E-03	2.18E-07	6.57E-07	3.80E-07	4.10E-07	3.72E-07	1.70E-07	2.68E-07	7.27E-09	1.76E-07	3.87E-08	5.57E-08	8.83E-08	1.56E-08	1.41E-07	5.22E-07
4943	477863.09	3862877.25	6.27E-04	6.76E-04	1.07E-03	2.17E-07	6.55E-07	3.79E-07	4.09E-07	3.71E-07	1.69E-07	2.68E-07	7.25E-09	1.75E-07	3.86E-08	5.56E-08	8.81E-08	1.55E-08	1.41E-07	5.21E-07
4944	478363.09	3862877.25	5.53E-04	5.97E-04	9.46E-04	1.91E-07	5.78E-07	3.35E-07	3.61E-07	3.27E-07	1.49E-07	2.37E-07	6.39E-09	1.54E-07	3.41E-08	4.90E-08	7.78E-08	1.37E-08	1.24E-07	4.59E-07
4945	478863.09	3862877.25	5.83E-04	6.29E-04	9.97E-04	2.02E-07	6.09E-07	3.53E-07	3.81E-07	3.45E-07	1.57E-07	2.49E-07	6.74E-09	1.63E-07	3.59E-08	5.17E-08	8.20E-08	1.44E-08	1.31E-07	4.84E-07
4946	479363.09	3862877.25	6.25E-04	6.75E-04	1.07E-03	2.16E-07	6.54E-07	3.78E-07	4.08E-07	3.70E-07	1.69E-07	2.67E-07	7.23E-09	1.75E-07	3.85E-08	5.54E-08	8.79E-08	1.55E-08	1.40E-07	5.19E-07
4947	479863.09	3862877.25	7.88E-04	8.50E-04	1.34E-03	2.73E-07	8.24E-07	4.77E-07	5.14E-07	4.66E-07	2.13E-07	3.35E-07	9.11E-09	2.20E-07	4.86E-08	6.98E-08	1.11E-07	1.95E-08	1.76E-07	6.53E-07
4948	480363.09	3862877.25	8.22E-04	8.86E-04	1.39E-03	2.85E-07	8.60E-07	4.98E-07	5.36E-07	4.86E-07	2.22E-07	3.49E-07	9.51E-09	2.30E-07	5.07E-08	7.28E-08	1.16E-07	2.04E-08	1.83E-07	6.82E-07
4949	480863.09	3862877.25	8.60E-04	9.27E-04	1.46E-03	2.98E-07	8.98E-07	5.20E-07	5.61E-07	5.08E-07	2.32E-07	3.64E-07	9.94E-09	2.40E-07	5.30E-08	7.61E-08	1.21E-07	2.13E-08	1.91E-07	7.12E-07
4950	481363.09	3862877.25	8.95E-04	9.64E-04	1.51E-03	3.10E-07	9.35E-07	5.41E-07	5.83E-07	5.29E-07	2.41E-07	3.79E-07	1.03E-08	2.50E-07	5.51E-08	7.92E-08	1.26E-07	2.21E-08	1.99E-07	7.41E-07
4951	481863.09	3862877.25	9.36E-04	1.01E-03	1.59E-03	3.24E-07	9.78E-07	5.66E-07	6.10E-07	5.53E-07	2.52E-07	3.97E-07	1.08E-08	2.61E-07	5.77E-08	8.29E-08	1.31E-07	2.32E-08	2.08E-07	7.76E-07
4952	482363.09	3862877.25	9.65E-04	1.04E-03	1.63E-03	3.34E-07	1.01E-06	5.84E-07	6.29E-07	5.70E-07	2.60E-07	4.09E-07	1.12E-08	2.69E-07	5.95E-08	8.54E-08	1.36E-07	2.39E-08	2.14E-07	7.99E-07
4953	482863.09	3862877.25	9.97E-04	1.07E-03	1.69E-03	3.45E-07	1.04E-06	6.03E-07	6.50E-07	5.89E-07	2.69E-07	4.22E-07	1.15E-08	2.78E-07	6.14E-08	8.83E-08	1.40E-07	2.47E-08	2.22E-07	8.26E-07
4954	483363.09	3862877.25	1.02E-03	1.10E-03	1.72E-03	3.53E-07	1.07E-06	6.17E-07	6.65E-07	6.03E-07	2.75E-07	4.32E-07	1.18E-08	2.85E-07	6.29E-08	9.03E-08	1.43E-07	2.53E-08	2.27E-07	8.45E-07
4955	483863.09	3862877.25	1.03E-03	1.11E-03	1.74E-03	3.57E-07	1.08E-06	6.24E-07	6.72E-07	6.09E-07	2.78E-07	4.36E-07	1.19E-08	2.88E-07	6.35E-08	9.13E-08	1.45E-07	2.55E-08	2.29E-07	8.54E-07
4956	484363.09	3862877.25	1.04E-03	1.12E-03	1.75E-03	3.59E-07	1.08E-06	6.27E-07	6.76E-07	6.12E-07	2.79E-07	4.38E-07	1.20E-08	2.89E-07	6.39E-08	9.17E-08	1.46E-07	2.56E-08	2.30E-07	8.58E-07
4957	484863.09	3862877.25	1.03E-03	1.11E-03	1.73E-03	3.56E-07	1.07E-06	6.22E-07	6.69E-07	6.07E-07	2.77E-07	4.33E-07	1.19E-08	2.87E-07	6.33E-08	9.09E-08	1.44E-07	2.54E-08	2.27E-07	8.50E-07
4958	485363.09	3862877.25	1.03E-03	1.10E-03	1.73E-03	3.55E-07	1.07E-06	6.20E-07	6.68E-07	6.06E-07	2.76E-07	4.32E-07	1.19E-08	2.86E-07	6.32E-08	9.07E-08	1.44E-07	2.54E-08	2.27E-07	8.48E-07
4959	485863.09	3862877.25	1.02E-03	1.09E-03	1.71E-03	3.52E-07	1.06E-06	6.15E-07	6.62E-07	6.01E-07	2.74E-07	4.28E-07	1.18E-08	2.84E-07	6.26E-08	8.99E-08	1.43E-07	2.51E-08	2.25E-07	8.41E-07
4960	486363.09	3862877.25	1.01E-03	1.09E-03	1.70E-03	3.50E-07	1.06E-06	6.13E-07	6.60E-07	5.98E-07	2.73E-07	4.26E-07	1.17E-08	2.83E-07	6.24E-08	8.96E-08	1.42E-07	2.50E-08	2.23E-07	8.37E-07
4961	486863.09	3862877.25	9.94E-04	1.07E-03	1.67E-03	3.44E-07	1.04E-06	6.01E-07	6.47E-07	5.87E-07	2.68E-07	4.18E-07	1.15E-08	2.77E-07	6.12E-08	8.79E-08	1.39E-07	2.46E-08	2.19E-07	8.21E-07
4962	487363.09	3862877.25	9.83E-04	1.06E-03	1.65E-03	3.40E-07	1.03E-06	5.95E-07	6.40E-07	5.80E-07	2.65E-07	4.13E-07	1.14E-08	2.74E-07	6.05E-08	8.69E-08	1.38E-07	2.43E-08	2.17E-07	8.12E-07
4963	487863.09	3862877.25	9.81E-04	1.06E-03	1.65E-03	3.40E-07	1.03E-06	5.94E-07	6.39E-07	5.79E-07	2.64E-07	4.13E-07	1.13E-08	2.74E-07	6.04E-08	8.68E-08	1.38E-07	2.43E-08	2.17E-07	8.11E-07
4964	488363.09	3862877.25	9.86E-04	1.06E-03	1.66E-03	3.41E-07	1.03E-06	5.96E-07	6.43E-07	5.82E-07	2.66E-07	4.16E-07	1.14E-08	2.75E-07	6.07E-08	8.72E-08	1.38E-07	2.44E-08	2.18E-07	8.16E-07
4965	488863.09	3862877.25	9.92E-04	1.07E-03	1.68E-03	3.43E-07	1.04E-06	6.00E-07	6.47E-07	5.87E-07	2.68E-07	4.20E-07	1.15E-08	2.77E-07	6.11E-08	8.79E-08	1.39E-07	2.46E-08	2.21E-07	8.22E-07
4966	489363.09	3862877.25	9.97E-04	1.07E-03	1.69E-03	3.45E-07	1.04E-06	6.03E-07	6.50E-07	5.89E-07	2.69E-07	4.23E-07	1.15E-08	2.78E-07	6.14E-08	8.83E-08	1.40E-07	2.47E-08	2.22E-07	8.26E-07
4967	489863.09	3862877.25	1.01E-03	1.09E-03	1.71E-03	3.49E-07	1.05E-06	6.10E-07	6.57E-07	5.96E-07	2.72E-07	4.28E-07	1.16E-08	2.81E-07	6.21E-08	8.92E-08	1.42E-07	2.50E-08	2.25E-07	8.35E-07
4968	490363.09	3862877.25	1.02E-03	1.10E-03	1.73E-03	3.53E-07	1.07E-06	6.18E-07	6.66E-07	6.04E-07	2.75E-07	4.34E-07	1.18E-08	2.85E-07	6.29E-08	9.04E-08	1.43E-07	2.53E-08	2.28E-07	8.47E-07
4969	490863.09	3862877.25	1.03E-03	1.11E-03	1.75E-03	3.56E-07	1.07E-06	6.22E-07	6.71E-07	6.08E-07	2.77E-07	4.37E-07	1.19E-08	2.87E-07	6.33E-08	9.10E-08	1.44E-07	2.55E-08	2.30E-07	8.53E-07
4970	491363.09	3862877.25	1.04E-03	1.12E-03	1.78E-03	3.61E-07	1.09E-06	6.31E-07	6.80E-07	6.17E-07	2.81E-07	4.44E-07	1.20E-08	2.91E-07	6.42E-08	9.24E-08	1.47E-07	2.58E-08	2.33E-07	8.65E-07
4971	491863.09	3862877.25	1.05E-03	1.13E-03	1.79E-03	3.63E-07	1.10E-06	6.35E-07	6.85E-07	6.21E-07	2.83E-07	4.48E-07	1.21E-08	2.93E-07	6.46E-08	9.30E-08	1.47E-07	2.60E-08	2.35E-07	8.71E-07
4972	492363.09	3862877.25	1.07E-03	1.15E-03	1.82E-03	3.69E-07	1.12E-06	6.46E-07	6.97E-07	6.32E-07	2.88E-07	4.57E-07	1.23E-08	2.98E-07	6.57E-08	9.46E-08	1.50E-07	2.64E-08	2.40E-07	8.87E-07
4973	492863.09	3862877.25	1.05E-03	1.13E-03	1.80E-03	3.64E-07	1.10E-06	6.36E-07	6.87E-07	6.23E-07	2.84E-07	4.50E-07	1.22E-08	2.94E-07	6.48E-08	9.32E-08	1.48E-07	2.61E-08	2.36E-07	8.74E-07
4974	493363.09	3862877.25	1.01E-03	1.09E-03	1.73E-03	3.49E-07	1.05E-06	6.11E-07	6.59E-07	5.97E-07	2.73E-07	4.32E-07	1.17E-08	2.82E-07	6.22E-08	8.95E-08	1.42E-07	2.50E-08	2.27E-07	8.39E-07
4975	493863.09	3862877.25	9.73E-04	1.05E-03	1.67E-03	3.37E-07	1.02E-06	5.89E-07	6.36E-07	5.76E-07	2.63E-07	4.17E-07	1.13E-08	2.72E-07	6.00E-08	8.63E-08	1.37E-07	2.41E-08	2.19E-07	8.09E-07
4976	494363.09	3862877.25	9.54E-04	1.03E-03	1.63E-03	3.30E-07	9.97E-07	5.77E-07	6.23E-07	5.65E-07	2.58E-07	4.09E-07	1.10E-08	2.66E-07	5.88E-08	8.46E-08	1.34E-07	2.36E-08	2.15E-07	7.93E-07
4977	494863.09	3862877.25	9.44E-04	1.02E-03	1.62E-03	3.27E-07	9.86E-07	5.71E-07	6.16E-07	5.59E-07	2.55E-07	4.05E-07	1.09E-08	2.64E-07	5.81E-08	8.37E-08	1.33E-07	2.34E-08	2.12E-07	7.85E-07
4978	495363.09	3862877.25	9.52E-04	1.03E-03	1.63E-03	3.29E-07	9.95E-07	5.76E-07	6.22E-07	5.64E-07	2.57E-07	4.08E-07	1.10E-08	2.66E-07	5.86E-08	8.44E-08	1.34E-07	2.36E-08	2.14E-07	7.92E-07
4979	495863.09	3862877.25	9.73E-04	1.05E-03	1.67E-03	3.37E-07	1.02E-06	5.89E-07	6.36E-07	5.76E-07	2.63E-07	4.18E-07	1.13E-08	2.72E-07	6.00E-08	8.63E-08	1.37E-07	2.41E-08	2.19E-07	8.10E-07
4980	496363.09	3862877.25	9.98E-04	1.08E-03	1.72E-03	3.46E-07	1.04E-06	6.04E-07	6.52E-07	5.91E-07	2.70E-07	4.29E-07	1.15E-08	2.79E-07	6.15E-08	8.85E-08	1.40E-07	2.48E-08	2.25E-07	8.31E-07
4981	496863.09	3862877.25	1.02E-03	1.10E-03	1.75E-03	3.51E-07	1.06E-06	6.14E-07	6.63E-07	6.01E-07	2.74E-07	4.37E-07	1.17E-08	2.83E-07	6.25E-08	9.01E-08	1.43E-07	2.52E-08	2.29E-07	8.45E-07
4982	497363.09	3862877.25	1.02E-03	1.10E-03	1.75E-03	3.52E-07	1.06E-06	6.15E-07	6.64E-07	6.02E-07	2.75E-07	4.38E-07	1.18E-08	2.84E-07	6.26E-08	9.02E-08	1.43E-07	2.52E-08	2.30E-07	8.47E-07
4983	497863.09	3862877.25	1.01E-03	1.09E-03	1.74E-03	3.49E-07	1.05E-06	6.11E-07	6.60E-07	5.98E-07	2.73E-07	4.36E-07	1.17E-08	2.82E-07	6.22E-08	8.96E-08	1.42E-07	2.50E-08	2.29E-07	8.41E-07
4984	498363.09	3862877.25	9.99E-04	1.08E-03	1.72E-03	3.46E-07	1.04E-06	6.04E-07	6.53E-07	5.92E-07	2.70E-07	4.31E-07	1.15E-08	2.79E-07	6.16E-08	8.87E-08	1.41E-07	2.48E-08	2.26E-07	8.33E-07
4985	471363.09	3863377.25	3.89E-04	4.20E-04	6.65E-04	1.35E-07	4.07E-07	2.36E-07	2.54E-07	2.30E-07	1.05E-07	1.66E-07	4.50E-09	1.09E-07	2.40E-08	3.45E-08	5.48E-08	9.65E-09	8.73E-08	3.23E-07
4986	471863.09	3863377.25	4.03E-04	4.34E-04	6.87E-04	1.39E-07	4.21E-07	2.44E-07	2.63E-07	2.38E-07	1.09E-07	1.72E-07	4.65E-09	1.12E-07	2.48E-08	3.57E-08	5.66E-08	9.97E-09	9.02E-08	3.34E-07
4987	472363.09	3863377.25	4.16E-04	4.49E-04	7.10E-04	1.44E-07	4.35E-07	2.52E-07	2.72E-07	2.46E-07	1.12E-07	1.78E-07	4.81E-09	1.16E-07	2.57E-08	3.69E-08	5.85E-08	1.03E-08	9.33E-08	3.46E-07
4988	472863.09	3863377.25	4.30E-04	4.64E-04	7.33E-04	1.49E-07	4.50E-07	2.60E-07	2.81E-07	2.54E-07	1.16E-07	1.84E-07	4.97E-09	1.20E-07	2.65E-08	3.81E-08	6.05E-08	1.07E-08	9.63E-08	3.57E-07
4989	473363.09	3863377.25	4.44E-04	4.79E-04	7.57E-04	1.54E-07	4.64E-07	2.69E-07	2.90E-07	2.63E-07	1.20E-07	1.89E-07	5.14E-09	1.24E-07	2.74E-08	3.94E-08	6.24E-08	1.10E-08	9.94E-08	3.69E-07
4990	473863.09	3863377.25	4.59E-04	4.95E-04	7.81E-04	1.59E-07	4.79E-07	2.78E-07	2.99E-07	2.71E-07	1.24E-07	1.96E-07	5.30E-09	1.28E-07	2.83E-08	4.06E-08	6.45E-08	1.14E-08	1.03E-07	3.81E-07
4991	474363.09	3863377.25	4.74E-04	5.11E-04	8.07E-04	1.64E-07	4.95E-07	2.87E-07	3.09E-07	2.80E-07	1.28E-07	2.02E-07	5.48E-09	1.32E-07	2.92E-08	4.20E-08	6.66E-08	1.17E-08	1.06E-07	3.93E-07
4992	474863.09	3863377.25	4.91E-04	5.29E-04	8.35E-04	1.70E-07	5.13E-07	2.97E-07	3.20E-07	2.90E-07	1.32E-07	2.09E-07	5.67E-09	1.37E-07	3.02E-08	4.35E-08	6.90E-08	1.22E-08	1.10E-07	4.07E-07
4993	475363.09	3863377.25	5.09E-04	5.49E-04	8.66E-04	1.76E-07	5.32E-07	3.08E-07	3.32E-07	3.01E-07	1.37E-07	2.17E-07	5.88E-09	1.42E-07	3.13E-08	4.51E-08	7.15E-08	1.26E-08	1.14E-07	4.22E-07
4994	475863.09	3863377.25	5.28E-04	5.70E-04	8.99E-04	1.83E-07	5.52E-07	3.20E-07	3.45E-07	3.12E-07	1.43E-07	2.25E-07	6.11E-09	1.47E-07	3.25E-08	4.68E-08	7.42E-08	1.31E-08	1.18E-07	4.38E-07
4995	476363.09	3863377.25	5.48E-04	5.91E-04	9.32E-04	1.90E-07	5.73E-07	3.32E-07	3.58E-07	3.24E-07	1.48E-07	2.33E-07	6.34E-09	1.53E-07	3.38E-08	4.86E-08	7.70E-08	1.36E-08	1.22E-07	4.55E-07
4996	476863.09	3863377.25	5.69E-04	6.14E-04	9.68E-04	1.97E-07	5.95E-07	3.44E-07	3.71E-07	3.37E-07	1.54E-07	2.42E-07	6.58E-09	1.59E-07	3.51E-08	5.04E-08	8.00E-08	1.41E-08	1.27E-07	4.72E-07
4997	477363.09	3863377.25	5.91E-04	6.37E-04	1.00E-03	2.04E-07	6.17E-07	3.57E-07	3.85E-07	3.49E-07	1.59E-07	2.51E-07	6.83E-09	1.65E-07	3.64E-08	5.23E-08	8.30E-08	1.46E-08	1.32E-07	4.90E-07
4998	477863.09	3863377.25	6.06E-04	6.53E-04	1.03E-03	2.10E-07	6.33E-07	3.67E-07	3.95E-07	3.58E-07	1.64E-07	2.58E-07	7.00E-09	1.69E-07	3.73E-08	5.37E-08	8.52E-08	1.50E-08	1.35E-07	5.03E-07
4999	478363.09	3863377.25	6.02E-04	6.50E-04	1.03E-03	2.08E-07	6.29E-07	3.64E-07	3.93E-07	3.56E-07	1.63E-07	2.57E-07	6.96E-09	1.68E-07	3.71E-08	5.34E-08	8.46E-08	1.49E-08	1.35E-07	5.00E-07
5000	478863.09	3863377.25	6.39E-04	6.90E-04	1.09E-03	2.21E-07	6.68E-07	3.87E-07	4.17E-07	3.78E-07	1.73E-07	2.72E-07	7.39E-09	1.79E-07	3.94E-08	5.67E-08	8.99E-08	1.58E-08	1.43E-07	5.31E-07
5001	479363.09	3863377.25	6.89E-04	7.43E-04	1.17E-03	2.38E-07	7.20E-07	4.17E-07	4.49E-07	4.07E-07	1.86E-07	2.92E-07	7.96E-09	1.92E-07	4.24E-08	6.10E-08	9.68E-08	1.71E-08	1.53E-07	5.71E-07
5002	479863.09	3863377.25	7.24E-04	7.80E-04	1.23E-03	2.51E-07	7.56E-07	4.38E-07	4.72E-07	4.28E-07	1.95E-07	3.07E-07	8.37E-09	2.02E-07	4.46E-08	6.41E-08	1.02E-07	1.79E-08	1.61E-07	6.00E-07
5003	480363.09	3863377.25	7.52E-04	8.11E-04	1.27E-03	2.60E-07	7.86E-07	4.55E-07	4.90E-07	4.45E-07	2.03E-07	3.19E-07	8.69E-09	2.10E-07	4.63E-08	6.66E-08	1.06E-07	1.86E-08	1.67E-07	6.23E-07
5004	480863.09	3863377.25	7.85E-04	8.46E-04	1.33E-03	2.72E-07	8.20E-07	4.75E-07	5.12E-07	4.64E-07	2.12E-07	3.33E-07	9.07E-09	2.19E-07	4.83E-08	6.95E-08	1.10E-07	1.94E-08	1.75E-07	6.50E-07
5005	481363.09	3863377.25	8.12E-04	8.75E-04	1.38E-03	2.81E-07	8.49E-07	4.91E-07	5.30E-07	4.80E-07	2.19E-07	3.44E-07	9.39E-09	2.27E-07	5.00E-08	7.19E-08	1.14E-07	2.01E-08	1.81E-07	6.73E-07
5006	481863.09	3863377.25	8.42E-04	9.07E-04	1.42E-03	2.91E-07	8.80E-07	5.09E-07	5.49E-07	4.97E-07	2.27E-07	3.56E-07	9.73E-09	2.35E-07	5.18E-08	7.45E-08	1.18E-07	2.08E-08	1.87E-07	6.97E-07
5007	482363.09	3863377.25	8.69E-04	9.36E-04	1.47E-03	3.01E-07	9.08E-07	5.26E-07	5.67E-07	5.14E-07	2.34E-07	3.68E-07	1.00E-08	2.43E-07	5.35E-08	7.69E-08	1.22E-07	2.15E-08	1.93E-07	7.20E-07
5008	482863.09	3863377.25	8.91E-04	9.60E-04	1.51E-03	3.08E-07	9.31E-07	5.39E-07	5.81E-07	5.27E-07	2.40E-07	3.77E-07	1.03E-08	2.49E-07	5.49E-08	7.89E-08	1.25E-07	2.21E-08	1.98E-07	7.38E-07
5009	483363.09	3863377.25	9.07E-04	9.78E-04	1.53E-03	3.14E-07	9.48E-07	5.49E-07	5.91E-07	5.36E-07	2.45E-07	3.84E-07	1.05E-08	2.53E-07	5.59E-08	8.03E-08	1.27E-07	2.25E-08	2.01E-07	7.51E-07
5010	483863.09	3863377.25	9.12E-04	9.83E-04	1.54E-03	3.16E-07	9.53E-07	5.52E-07	5.95E-07	5.39E-07	2.46E-07	3.85E-07	1.05E-08	2.55E-07	5.62E-08	8.07E-08	1.28E-07	2.26E-08	2.02E-07	7.55E-07
5011	484363.09	3863377.25	9.08E-04	9.79E-04	1.53E-03	3.14E-07	9.49E-07	5.50E-07	5.92E-07	5.37E-07	2.45E-07	3.83E-07	1.05E-08	2.54E-07	5.60E-08	8.04E-08	1.28E-07	2.25E-08	2.01E-07	7.52E-07
5012	484863.09	3863377.25	9.06E-04	9.76E-04	1.52E-03	3.14E-07	9.47E-07	5.48E-07	5.90E-07	5.35E-07	2.44E-07	3.82E-07	1.05E-08	2.53E-07	5.58E-08	8.02E-08	1.27E-07	2.24E-08	2.00E-07	7.49E-07
5013	485363.09	3863377.25	8.97E-04	9.66E-04	1.51E-03	3.10E-07	9.37E-07	5.43E-07	5.84E-07	5.30E-07	2.42E-07	3.77E-07	1.04E-08	2.50E-07	5.52E-08	7.93E-08	1.26E-07	2.22E-08	1.98E-07	7.41E-07
5014	485863.09	3863377.25	8.91E-04	9.60E-04	1.50E-03	3.09E-07	9.32E-07	5.39E-07	5.81E-07	5.26E-07	2.40E-07	3.75E-07	1.03E-08	2.49E-07	5.49E-08	7.88E-08	1.25E-07	2.20E-08	1.97E-07	7.37E-07
5015	486363.09	3863377.25	8.87E-04	9.56E-04	1.49E-03	3.07E-07	9.28E-07	5.37E-07	5.78E-07	5.24E-07	2.39E-07	3.73E-07	1.03E-08	2.48E-07	5.47E-08	7.85E-08	1.25E-07	2.19E-08	1.96E-07	7.34E-07
5016	486863.09	3863377.25	8.77E-04	9.44E-04	1.47E-03	3.04E-07	9.17E-07	5.31E-07	5.71E-07	5.18E-07	2.36E-07	3.69E-07	1.01E-08	2.45E-07	5.40E-08	7.76E-08	1.23E-07	2.17E-08	1.94E-07	7.25E-07
5017	487363.09	3863377.25	8.66E-04	9.32E-04	1.45E-03	3.00E-07	9.05E-07	5.24E-07	5.64E-07	5.11E-07	2.33E-07	3.64E-07	1.00E-08	2.42E-07	5.33E-08	7.66E-08	1.21E-07	2.14E-08	1.91E-07	7.15E-07
5018	487863.09	3863377.25	8.61E-04	9.27E-04	1.45E-03	2.98E-07	9.00E-07	5.21E-07	5.61E-07	5.08E-07	2.32E-07	3.62E-07	9.95E-09	2.40E-07	5.30E-08	7.61E-08	1.21E-07	2.13E-08	1.90E-07	7.12E-07
5019	488363.09	3863377.25	8.63E-04	9.30E-04	1.46E-03	2.99E-07	9.02E-07	5.22E-07	5.63E-07	5.10E-07	2.33E-07	3.64E-07	9.98E-09	2.41E-07	5.32E-08	7.64E-08	1.21E-07	2.14E-08	1.91E-07	7.14E-07
5020	488863.09	3863377.25	8.70E-04	9.38E-04	1.47E-03	3.01E-07	9.09E-07	5.26E-07	5.67E-07	5.14E-07	2.35E-07	3.68E-07	1.01E-08	2.43E-07	5.36E-08	7.70E-08	1.22E-07	2.15E-08	1.93E-07	7.21E-07
5021	489363.09	3863377.25	8.72E-04	9.39E-04	1.48E-03	3.02E-07	9.11E-07	5.27E-07	5.68E-07	5.15E-07	2.35E-07	3.69E-07	1.01E-08	2.43E-07	5.37E-08	7.72E-08	1.22E-07	2.16E-08	1.94E-07	7.22E-07
5022	489863.09	3863377.25	8.76E-04	9.45E-04	1.49E-03	3.03E-07	9.16E-07	5.30E-07	5.72E-07	5.18E-07	2.36E-07	3.72E-07	1.01E-08	2.45E-07	5.40E-08	7.76E-08	1.23E-07	2.17E-08	1.95E-07	7.26E-07
5023	490363.09	3863377.25	8.88E-04	9.57E-04	1.51E-03	3.07E-07	9.28E-07	5.37E-07	5.79E-07	5.25E-07	2.40E-07	3.77E-07	1.03E-08	2.48E-07	5.47E-08	7.87E-08	1.25E-07	2.20E-08	1.98E-07	7.36E-07
5024	490863.09	3863377.25	9.02E-04	9.72E-04	1.53E-03	3.12E-07	9.42E-07	5.46E-07	5.88E-07	5.33E-07	2.43E-07	3.84E-07	1.04E-08	2.52E-07	5.56E-08	7.99E-08	1.27E-07	2.23E-08	2.01E-07	7.48E-07
5025	491363.09	3863377.25	9.02E-04	9.73E-04	1.54E-03	3.12E-07	9.43E-07	5.46E-07	5.89E-07	5.34E-07	2.44E-07	3.84E-07	1.04E-08	2.52E-07	5.56E-08	8.00E-08	1.27E-07	2.24E-08	2.02E-07	7.49E-07
5026	491863.09	3863377.25	9.07E-04	9.78E-04	1.55E-03	3.14E-07	9.48E-07	5.49E-07	5.92E-07	5.37E-07	2.45E-07	3.87E-07	1.05E-08	2.53E-07	5.59E-08	8.04E-08	1.27E-07	2.25E-08	2.03E-07	7.53E-07
5027	492363.09	3863377.25	9.32E-04	1.01E-03	1.59E-03	3.23E-07	9.74E-07	5.64E-07	6.09E-07	5.52E-07	2.52E-07	3.98E-07	1.08E-08	2.60E-07	5.74E-08	8.26E-08	1.31E-07	2.31E-08	2.09E-07	7.74E-07
5028	492863.09	3863377.25	9.65E-04	1.04E-03	1.65E-03	3.34E-07	1.01E-06	5.84E-07	6.30E-07	5.71E-07	2.61E-07	4.13E-07	1.12E-08	2.69E-07	5.95E-08	8.56E-08	1.36E-07	2.39E-08	2.17E-07	8.02E-07
5029	493363.09	3863377.25	9.65E-04	1.04E-03	1.65E-03	3.34E-07	1.01E-06	5.84E-07	6.31E-07	5.72E-07	2.61E-07	4.14E-07	1.12E-08	2.70E-07	5.95E-08	8.56E-08	1.36E-07	2.39E-08	2.17E-07	8.03E-07
5030	493863.09	3863377.25	9.26E-04	9.99E-04	1.59E-03	3.20E-07	9.67E-07	5.60E-07	6.05E-07	5.48E-07	2.50E-07	3.97E-07	1.07E-08	2.58E-07	5.70E-08	8.21E-08	1.30E-07	2.29E-08	2.08E-07	7.70E-07
5031	494363.09	3863377.25	8.80E-04	9.50E-04	1.51E-03	3.05E-07	9.20E-07	5.32E-07	5.75E-07	5.21E-07	2.38E-07	3.77E-07	1.02E-08	2.46E-07	5.42E-08	7.80E-08	1.24E-07	2.18E-08	1.98E-07	7.31E-07
5032	494863.09	3863377.25	8.60E-04	9.29E-04	1.47E-03	2.98E-07	8.99E-07	5.21E-07	5.62E-07	5.09E-07	2.32E-07	3.69E-07	9.95E-09	2.40E-07	5.30E-08	7.63E-08	1.21E-07	2.13E-08	1.94E-07	7.15E-07
5033	495363.09	3863377.25	8.59E-04	9.27E-04	1.47E-03	2.97E-07	8.98E-07	5.20E-07	5.61E-07	5.09E-07	2.32E-07	3.69E-07	9.93E-09	2.40E-07	5.29E-08	7.62E-08	1.21E-07	2.13E-08	1.93E-07	7.14E-07

5034	495863.09	3863377.25	8.65E-04	9.34E-04	1.48E-03	2.99E-07	9.04E-07	5.23E-07	5.65E-07	5.12E-07	2.34E-07	3.71E-07	1.00E-08	2.42E-07	5.33E-08	7.67E-08	1.22E-07	2.14E-08	1.95E-07	7.20E-07
5035	496363.09	3863377.25	8.54E-04	9.22E-04	1.47E-03	2.96E-07	8.93E-07	5.17E-07	5.58E-07	5.06E-07	2.31E-07	3.67E-07	9.87E-09	2.38E-07	5.26E-08	7.57E-08	1.20E-07	2.12E-08	1.93E-07	7.11E-07
5036	496863.09	3863377.25	8.57E-04	9.26E-04	1.47E-03	2.97E-07	8.96E-07	5.19E-07	5.60E-07	5.08E-07	2.32E-07	3.69E-07	9.91E-09	2.39E-07	5.28E-08	7.61E-08	1.21E-07	2.13E-08	1.93E-07	7.14E-07
5037	497363.09	3863377.25	8.77E-04	9.47E-04	1.51E-03	3.04E-07	9.17E-07	5.31E-07	5.73E-07	5.19E-07	2.37E-07	3.78E-07	1.01E-08	2.45E-07	5.40E-08	7.78E-08	1.23E-07	2.18E-08	1.98E-07	7.30E-07
5038	497863.09	3863377.25	8.92E-04	9.64E-04	1.54E-03	3.09E-07	9.33E-07	5.40E-07	5.83E-07	5.29E-07	2.41E-07	3.85E-07	1.03E-08	2.49E-07	5.50E-08	7.92E-08	1.26E-07	2.21E-08	2.02E-07	7.43E-07
5039	498363.09	3863377.25	8.95E-04	9.67E-04	1.54E-03	3.10E-07	9.36E-07	5.42E-07	5.85E-07	5.30E-07	2.42E-07	3.86E-07	1.03E-08	2.50E-07	5.52E-08	7.95E-08	1.26E-07	2.22E-08	2.03E-07	7.46E-07
5040	471363.09	3863877.25	3.73E-04	4.02E-04	6.36E-04	1.29E-07	3.90E-07	2.26E-07	2.43E-07	2.21E-07	1.01E-07	1.59E-07	4.31E-09	1.04E-07	2.30E-08	3.31E-08	5.24E-08	9.24E-09	8.36E-08	3.10E-07
5041	471863.09	3863877.25	3.84E-04	4.14E-04	6.55E-04	1.33E-07	4.01E-07	2.32E-07	2.51E-07	2.27E-07	1.04E-07	1.64E-07	4.44E-09	1.07E-07	2.37E-08	3.40E-08	5.40E-08	9.51E-09	8.60E-08	3.19E-07
5042	472363.09	3863877.25	3.96E-04	4.27E-04	6.75E-04	1.37E-07	4.14E-07	2.40E-07	2.58E-07	2.34E-07	1.07E-07	1.69E-07	4.58E-09	1.11E-07	2.44E-08	3.51E-08	5.57E-08	9.81E-09	8.86E-08	3.29E-07
5043	472863.09	3863877.25	4.08E-04	4.40E-04	6.95E-04	1.41E-07	4.26E-07	2.47E-07	2.66E-07	2.41E-07	1.10E-07	1.74E-07	4.71E-09	1.14E-07	2.51E-08	3.61E-08	5.73E-08	1.01E-08	9.13E-08	3.39E-07
5044	473363.09	3863877.25	4.20E-04	4.53E-04	7.14E-04	1.45E-07	4.39E-07	2.54E-07	2.74E-07	2.48E-07	1.13E-07	1.79E-07	4.85E-09	1.17E-07	2.59E-08	3.72E-08	5.90E-08	1.04E-08	9.38E-08	3.48E-07
5045	473863.09	3863877.25	4.33E-04	4.66E-04	7.36E-04	1.50E-07	4.52E-07	2.62E-07	2.82E-07	2.56E-07	1.17E-07	1.84E-07	5.00E-09	1.21E-07	2.66E-08	3.83E-08	6.08E-08	1.07E-08	9.67E-08	3.59E-07
5046	474363.09	3863877.25	4.46E-04	4.81E-04	7.59E-04	1.54E-07	4.66E-07	2.70E-07	2.91E-07	2.64E-07	1.20E-07	1.90E-07	5.16E-09	1.25E-07	2.75E-08	3.95E-08	6.27E-08	1.10E-08	9.97E-08	3.70E-07
5047	474863.09	3863877.25	4.60E-04	4.96E-04	7.83E-04	1.59E-07	4.81E-07	2.79E-07	3.00E-07	2.72E-07	1.24E-07	1.96E-07	5.32E-09	1.29E-07	2.84E-08	4.08E-08	6.47E-08	1.14E-08	1.03E-07	3.82E-07
5048	475363.09	3863877.25	4.77E-04	5.14E-04	8.11E-04	1.65E-07	4.98E-07	2.89E-07	3.11E-07	2.82E-07	1.29E-07	2.03E-07	5.51E-09	1.33E-07	2.94E-08	4.22E-08	6.70E-08	1.18E-08	1.07E-07	3.96E-07
5049	475863.09	3863877.25	4.93E-04	5.31E-04	8.37E-04	1.71E-07	5.15E-07	2.98E-07	3.22E-07	2.91E-07	1.33E-07	2.10E-07	5.70E-09	1.38E-07	3.04E-08	4.37E-08	6.93E-08	1.22E-08	1.10E-07	4.09E-07
5050	476363.09	3863877.25	5.10E-04	5.50E-04	8.66E-04	1.77E-07	5.33E-07	3.09E-07	3.33E-07	3.02E-07	1.38E-07	2.17E-07	5.90E-09	1.42E-07	3.14E-08	4.52E-08	7.17E-08	1.26E-08	1.14E-07	4.23E-07
5051	476863.09	3863877.25	5.29E-04	5.70E-04	8.97E-04	1.83E-07	5.52E-07	3.20E-07	3.45E-07	3.13E-07	1.43E-07	2.24E-07	6.11E-09	1.48E-07	3.26E-08	4.68E-08	7.43E-08	1.31E-08	1.18E-07	4.38E-07
5052	477363.09	3863877.25	5.49E-04	5.92E-04	9.32E-04	1.90E-07	5.74E-07	3.32E-07	3.58E-07	3.25E-07	1.48E-07	2.33E-07	6.35E-09	1.53E-07	3.38E-08	4.86E-08	7.72E-08	1.36E-08	1.22E-07	4.55E-07
5053	477863.09	3863877.25	5.71E-04	6.15E-04	9.69E-04	1.98E-07	5.97E-07	3.45E-07	3.72E-07	3.38E-07	1.54E-07	2.43E-07	6.60E-09	1.59E-07	3.52E-08	5.06E-08	8.02E-08	1.41E-08	1.27E-07	4.73E-07
5054	478363.09	3863877.25	5.82E-04	6.27E-04	9.88E-04	2.01E-07	6.08E-07	3.52E-07	3.79E-07	3.44E-07	1.57E-07	2.47E-07	6.72E-09	1.62E-07	3.58E-08	5.15E-08	8.17E-08	1.44E-08	1.30E-07	4.82E-07
5055	478863.09	3863877.25	6.21E-04	6.70E-04	1.05E-03	2.15E-07	6.49E-07	3.76E-07	4.05E-07	3.67E-07	1.68E-07	2.64E-07	7.18E-09	1.73E-07	3.83E-08	5.50E-08	8.73E-08	1.54E-08	1.38E-07	5.15E-07
5056	479363.09	3863877.25	6.46E-04	6.96E-04	1.09E-03	2.23E-07	6.75E-07	3.91E-07	4.21E-07	3.82E-07	1.74E-07	2.74E-07	7.46E-09	1.80E-07	3.98E-08	5.72E-08	9.07E-08	1.60E-08	1.44E-07	5.35E-07
5057	479863.09	3863877.25	6.67E-04	7.19E-04	1.13E-03	2.31E-07	6.98E-07	4.04E-07	4.35E-07	3.95E-07	1.80E-07	2.83E-07	7.72E-09	1.86E-07	4.11E-08	5.91E-08	9.38E-08	1.65E-08	1.48E-07	5.53E-07
5058	480363.09	3863877.25	6.91E-04	7.45E-04	1.17E-03	2.39E-07	7.22E-07	4.18E-07	4.51E-07	4.09E-07	1.86E-07	2.93E-07	7.99E-09	1.93E-07	4.26E-08	6.12E-08	9.71E-08	1.71E-08	1.54E-07	5.73E-07
5059	480863.09	3863877.25	7.18E-04	7.74E-04	1.22E-03	2.49E-07	7.51E-07	4.34E-07	4.68E-07	4.25E-07	1.94E-07	3.04E-07	8.30E-09	2.00E-07	4.42E-08	6.36E-08	1.01E-07	1.78E-08	1.60E-07	5.95E-07
5060	481363.09	3863877.25	7.42E-04	7.99E-04	1.26E-03	2.57E-07	7.75E-07	4.49E-07	4.84E-07	4.38E-07	2.00E-07	3.14E-07	8.57E-09	2.07E-07	4.57E-08	6.57E-08	1.04E-07	1.84E-08	1.65E-07	6.15E-07
5061	481863.09	3863877.25	7.64E-04	8.23E-04	1.29E-03	2.64E-07	7.98E-07	4.62E-07	4.98E-07	4.52E-07	2.06E-07	3.23E-07	8.83E-09	2.13E-07	4.71E-08	6.76E-08	1.07E-07	1.89E-08	1.70E-07	6.33E-07
5062	482363.09	3863877.25	7.87E-04	8.48E-04	1.33E-03	2.72E-07	8.22E-07	4.76E-07	5.13E-07	4.65E-07	2.12E-07	3.33E-07	9.09E-09	2.20E-07	4.85E-08	6.96E-08	1.10E-07	1.95E-08	1.75E-07	6.51E-07
5063	482863.09	3863877.25	8.02E-04	8.64E-04	1.36E-03	2.78E-07	8.38E-07	4.85E-07	5.23E-07	4.74E-07	2.16E-07	3.39E-07	9.27E-09	2.24E-07	4.94E-08	7.10E-08	1.13E-07	1.99E-08	1.78E-07	6.64E-07
5064	483363.09	3863877.25	8.10E-04	8.73E-04	1.37E-03	2.81E-07	8.47E-07	4.90E-07	5.28E-07	4.79E-07	2.19E-07	3.42E-07	9.37E-09	2.26E-07	4.99E-08	7.17E-08	1.14E-07	2.01E-08	1.80E-07	6.71E-07
5065	483863.09	3863877.25	8.12E-04	8.75E-04	1.37E-03	2.81E-07	8.49E-07	4.91E-07	5.29E-07	4.80E-07	2.19E-07	3.43E-07	9.39E-09	2.27E-07	5.00E-08	7.19E-08	1.14E-07	2.01E-08	1.80E-07	6.72E-07
5066	484363.09	3863877.25	8.06E-04	8.68E-04	1.36E-03	2.79E-07	8.43E-07	4.88E-07	5.25E-07	4.76E-07	2.17E-07	3.40E-07	9.32E-09	2.25E-07	4.97E-08	7.13E-08	1.13E-07	1.99E-08	1.78E-07	6.67E-07
5067	484863.09	3863877.25	8.01E-04	8.62E-04	1.35E-03	2.77E-07	8.37E-07	4.85E-07	5.22E-07	4.73E-07	2.16E-07	3.37E-07	9.26E-09	2.24E-07	4.93E-08	7.09E-08	1.12E-07	1.98E-08	1.77E-07	6.62E-07
5068	485363.09	3863877.25	7.94E-04	8.55E-04	1.33E-03	2.75E-07	8.30E-07	4.80E-07	5.17E-07	4.69E-07	2.14E-07	3.34E-07	9.18E-09	2.22E-07	4.89E-08	7.02E-08	1.11E-07	1.96E-08	1.75E-07	6.56E-07
5069	485863.09	3863877.25	7.93E-04	8.53E-04	1.33E-03	2.74E-07	8.28E-07	4.80E-07	5.16E-07	4.68E-07	2.14E-07	3.33E-07	9.16E-09	2.21E-07	4.88E-08	7.01E-08	1.11E-07	1.96E-08	1.75E-07	6.55E-07
5070	486363.09	3863877.25	7.86E-04	8.46E-04	1.32E-03	2.72E-07	8.22E-07	4.76E-07	5.12E-07	4.64E-07	2.12E-07	3.30E-07	9.09E-09	2.19E-07	4.84E-08	6.95E-08	1.10E-07	1.94E-08	1.73E-07	6.50E-07
5071	486863.09	3863877.25	7.77E-04	8.36E-04	1.30E-03	2.69E-07	8.12E-07	4.70E-07	5.06E-07	4.59E-07	2.09E-07	3.26E-07	8.98E-09	2.17E-07	4.78E-08	6.87E-08	1.09E-07	1.92E-08	1.71E-07	6.42E-07
5072	487363.09	3863877.25	7.69E-04	8.27E-04	1.29E-03	2.66E-07	8.03E-07	4.65E-07	5.01E-07	4.54E-07	2.07E-07	3.23E-07	8.88E-09	2.15E-07	4.74E-08	6.80E-08	1.08E-07	1.90E-08	1.69E-07	6.35E-07
5073	487863.09	3863877.25	7.63E-04	8.22E-04	1.28E-03	2.64E-07	7.98E-07	4.62E-07	4.97E-07	4.51E-07	2.06E-07	3.21E-07	8.82E-09	2.13E-07	4.70E-08	6.75E-08	1.07E-07	1.89E-08	1.69E-07	6.31E-07
5074	488363.09	3863877.25	7.65E-04	8.24E-04	1.29E-03	2.65E-07	8.00E-07	4.63E-07	4.99E-07	4.52E-07	2.06E-07	3.22E-07	8.84E-09	2.14E-07	4.71E-08	6.77E-08	1.07E-07	1.89E-08	1.69E-07	6.33E-07
5075	488863.09	3863877.25	7.71E-04	8.30E-04	1.30E-03	2.67E-07	8.05E-07	4.66E-07	5.02E-07	4.55E-07	2.08E-07	3.26E-07	8.91E-09	2.15E-07	4.75E-08	6.82E-08	1.08E-07	1.91E-08	1.71E-07	6.38E-07
5076	489363.09	3863877.25	7.73E-04	8.33E-04	1.31E-03	2.67E-07	8.08E-07	4.68E-07	5.04E-07	4.57E-07	2.08E-07	3.27E-07	8.93E-09	2.16E-07	4.76E-08	6.84E-08	1.09E-07	1.91E-08	1.72E-07	6.40E-07
5077	489863.09	3863877.25	7.75E-04	8.35E-04	1.31E-03	2.68E-07	8.10E-07	4.69E-07	5.05E-07	4.58E-07	2.09E-07	3.28E-07	8.96E-09	2.16E-07	4.77E-08	6.86E-08	1.09E-07	1.92E-08	1.72E-07	6.42E-07
5078	490363.09	3863877.25	7.82E-04	8.43E-04	1.33E-03	2.71E-07	8.17E-07	4.73E-07	5.10E-07	4.62E-07	2.11E-07	3.32E-07	9.04E-09	2.18E-07	4.82E-08	6.92E-08	1.10E-07	1.94E-08	1.74E-07	6.48E-07
5079	490863.09	3863877.25	7.93E-04	8.55E-04	1.35E-03	2.74E-07	8.29E-07	4.80E-07	5.17E-07	4.69E-07	2.14E-07	3.37E-07	9.17E-09	2.21E-07	4.89E-08	7.02E-08	1.11E-07	1.96E-08	1.77E-07	6.58E-07
5080	491363.09	3863877.25	8.00E-04	8.63E-04	1.36E-03	2.77E-07	8.36E-07	4.84E-07	5.22E-07	4.73E-07	2.16E-07	3.41E-07	9.25E-09	2.23E-07	4.93E-08	7.09E-08	1.12E-07	1.98E-08	1.79E-07	6.64E-07
5081	491863.09	3863877.25	8.20E-04	8.85E-04	1.40E-03	2.84E-07	8.58E-07	4.96E-07	5.35E-07	4.85E-07	2.21E-07	3.50E-07	9.48E-09	2.29E-07	5.06E-08	7.27E-08	1.15E-07	2.03E-08	1.83E-07	6.81E-07
5082	492363.09	3863877.25	8.37E-04	9.03E-04	1.43E-03	2.90E-07	8.75E-07	5.06E-07	5.46E-07	4.95E-07	2.26E-07	3.57E-07	9.67E-09	2.34E-07	5.16E-08	7.42E-08	1.18E-07	2.07E-08	1.88E-07	6.95E-07
5083	492863.09	3863877.25	8.43E-04	9.09E-04	1.44E-03	2.92E-07	8.81E-07	5.10E-07	5.50E-07	4.99E-07	2.28E-07	3.60E-07	9.74E-09	2.35E-07	5.19E-08	7.47E-08	1.19E-07	2.09E-08	1.89E-07	7.00E-07
5084	493363.09	3863877.25	8.75E-04	9.44E-04	1.50E-03	3.03E-07	9.14E-07	5.29E-07	5.71E-07	5.18E-07	2.36E-07	3.74E-07	1.01E-08	2.44E-07	5.39E-08	7.75E-08	1.23E-07	2.17E-08	1.97E-07	7.27E-07
5085	493863.09	3863877.25	8.67E-04	9.35E-04	1.48E-03	3.00E-07	9.06E-07	5.24E-07	5.66E-07	5.13E-07	2.34E-07	3.71E-07	1.00E-08	2.42E-07	5.34E-08	7.68E-08	1.22E-07	2.15E-08	1.95E-07	7.20E-07
5086	494363.09	3863877.25	8.32E-04	8.98E-04	1.43E-03	2.88E-07	8.70E-07	5.03E-07	5.43E-07	4.93E-07	2.25E-07	3.57E-07	9.62E-09	2.32E-07	5.13E-08	7.38E-08	1.17E-07	2.06E-08	1.87E-07	6.92E-07
5087	494863.09	3863877.25	7.94E-04	8.57E-04	1.36E-03	2.75E-07	8.30E-07	4.81E-07	5.19E-07	4.70E-07	2.15E-07	3.40E-07	9.18E-09	2.22E-07	4.89E-08	7.04E-08	1.12E-07	1.97E-08	1.79E-07	6.60E-07
5088	495363.09	3863877.25	7.72E-04	8.33E-04	1.32E-03	2.67E-07	8.07E-07	4.67E-07	5.04E-07	4.57E-07	2.08E-07	3.31E-07	8.92E-09	2.16E-07	4.76E-08	6.84E-08	1.09E-07	1.91E-08	1.74E-07	6.42E-07
5089	495863.09	3863877.25	7.64E-04	8.25E-04	1.31E-03	2.65E-07	7.99E-07	4.62E-07	4.99E-07	4.52E-07	2.06E-07	3.28E-07	8.83E-09	2.13E-07	4.71E-08	6.78E-08	1.07E-07	1.89E-08	1.72E-07	6.35E-07
5090	496363.09	3863877.25	7.57E-04	8.17E-04	1.30E-03	2.62E-07	7.91E-07	4.58E-07	4.95E-07	4.48E-07	2.05E-07	3.25E-07	8.75E-09	2.11E-07	4.67E-08	6.72E-08	1.07E-07	1.88E-08	1.71E-07	6.30E-07
5091	496863.09	3863877.25	7.55E-04	8.15E-04	1.30E-03	2.61E-07	7.89E-07	4.57E-07	4.93E-07	4.47E-07	2.04E-07	3.24E-07	8.73E-09	2.11E-07	4.65E-08	6.70E-08	1.06E-07	1.87E-08	1.70E-07	6.28E-07
5092	497363.09	3863877.25	7.60E-04	8.21E-04	1.31E-03	2.63E-07	7.95E-07	4.60E-07	4.97E-07	4.50E-07	2.05E-07	3.27E-07	8.79E-09	2.12E-07	4.69E-08	6.74E-08	1.07E-07	1.89E-08	1.72E-07	6.33E-07
5093	497863.09	3863877.25	7.75E-04	8.37E-04	1.33E-03	2.68E-07	8.10E-07	4.69E-07	5.06E-07	4.59E-07	2.09E-07	3.34E-07	8.96E-09	2.16E-07	4.78E-08	6.88E-08	1.09E-07	1.92E-08	1.75E-07	6.45E-07
5094	498363.09	3863877.25	7.87E-04	8.50E-04	1.35E-03	2.72E-07	8.22E-07	4.76E-07	5.14E-07	4.66E-07	2.13E-07	3.39E-07	9.10E-09	2.20E-07	4.85E-08	6.98E-08	1.11E-07	1.95E-08	1.78E-07	6.55E-07
5095	471363.09	3864377.25	3.56E-04	3.84E-04	6.06E-04	1.23E-07	3.72E-07	2.15E-07	2.32E-07	2.10E-07	9.60E-08	1.52E-07	4.11E-09	9.93E-08	2.19E-08	3.15E-08	5.00E-08	8.81E-09	7.97E-08	2.95E-07
5096	471863.09	3864377.25	3.66E-04	3.94E-04	6.23E-04	1.27E-07	3.82E-07	2.21E-07	2.39E-07	2.16E-07	9.87E-08	1.56E-07	4.23E-09	1.02E-07	2.25E-08	3.24E-08	5.14E-08	9.06E-09	8.19E-08	3.04E-07
5097	472363.09	3864377.25	3.76E-04	4.05E-04	6.40E-04	1.30E-07	3.93E-07	2.27E-07	2.45E-07	2.22E-07	1.01E-07	1.60E-07	4.34E-09	1.05E-07	2.31E-08	3.33E-08	5.28E-08	9.30E-09	8.40E-08	3.12E-07
5098	472863.09	3864377.25	3.86E-04	4.16E-04	6.57E-04	1.34E-07	4.03E-07	2.33E-07	2.52E-07	2.28E-07	1.04E-07	1.64E-07	4.46E-09	1.08E-07	2.38E-08	3.42E-08	5.42E-08	9.55E-09	8.63E-08	3.20E-07
5099	473363.09	3864377.25	3.96E-04	4.27E-04	6.74E-04	1.37E-07	4.14E-07	2.40E-07	2.58E-07	2.34E-07	1.07E-07	1.69E-07	4.58E-09	1.11E-07	2.44E-08	3.51E-08	5.56E-08	9.81E-09	8.85E-08	3.29E-07
5100	473863.09	3864377.25	4.07E-04	4.39E-04	6.92E-04	1.41E-07	4.25E-07	2.46E-07	2.65E-07	2.41E-07	1.10E-07	1.73E-07	4.70E-09	1.14E-07	2.51E-08	3.60E-08	5.72E-08	1.01E-08	9.08E-08	3.37E-07
5101	474363.09	3864377.25	4.19E-04	4.52E-04	7.13E-04	1.45E-07	4.38E-07	2.54E-07	2.74E-07	2.48E-07	1.13E-07	1.78E-07	4.85E-09	1.17E-07	2.58E-08	3.71E-08	5.89E-08	1.04E-08	9.36E-08	3.48E-07
5102	474863.09	3864377.25	4.32E-04	4.65E-04	7.33E-04	1.49E-07	4.51E-07	2.61E-07	2.82E-07	2.55E-07	1.16E-07	1.83E-07	4.99E-09	1.20E-07	2.66E-08	3.82E-08	6.06E-08	1.07E-08	9.63E-08	3.58E-07
5103	475363.09	3864377.25	4.46E-04	4.80E-04	7.56E-04	1.54E-07	4.66E-07	2.70E-07	2.91E-07	2.63E-07	1.20E-07	1.89E-07	5.15E-09	1.24E-07	2.75E-08	3.95E-08	6.26E-08	1.10E-08	9.94E-08	3.69E-07
5104	475863.09	3864377.25	4.59E-04	4.95E-04	7.79E-04	1.59E-07	4.80E-07	2.78E-07	3.00E-07	2.72E-07	1.24E-07	1.95E-07	5.31E-09	1.28E-07	2.83E-08	4.07E-08	6.45E-08	1.14E-08	1.02E-07	3.81E-07
5105	476363.09	3864377.25	4.75E-04	5.12E-04	8.05E-04	1.64E-07	4.97E-07	2.87E-07	3.10E-07	2.81E-07	1.28E-07	2.01E-07	5.49E-09	1.33E-07	2.93E-08	4.21E-08	6.67E-08	1.18E-08	1.06E-07	3.94E-07
5106	476863.09	3864377.25	4.93E-04	5.31E-04	8.35E-04	1.71E-07	5.15E-07	2.98E-07	3.22E-07	2.91E-07	1.33E-07	2.09E-07	5.70E-09	1.38E-07	3.04E-08	4.37E-08	6.92E-08	1.22E-08	1.10E-07	4.09E-07
5107	477363.09	3864377.25	5.12E-04	5.52E-04	8.68E-04	1.77E-07	5.35E-07	3.10E-07	3.34E-07	3.03E-07	1.38E-07	2.17E-07	5.92E-09	1.43E-07	3.16E-08	4.54E-08	7.19E-08	1.27E-08	1.14E-07	4.24E-07
5108	477863.09	3864377.25	5.34E-04	5.75E-04	9.04E-04	1.85E-07	5.58E-07	3.23E-07	3.48E-07	3.16E-07	1.44E-07	2.26E-07	6.17E-09	1.49E-07	3.29E-08	4.73E-08	7.50E-08	1.32E-08	1.19E-07	4.42E-07
5109	478363.09	3864377.25	5.56E-04	6.00E-04	9.43E-04	1.93E-07	5.82E-07	3.37E-07	3.63E-07	3.29E-07	1.50E-07	2.36E-07	6.43E-09	1.55E-07	3.43E-08	4.93E-08	7.82E-08	1.38E-08	1.24E-07	4.61E-07
5110	478863.09	3864377.25	5.78E-04	6.23E-04	9.79E-04	2.00E-07	6.04E-07	3.50E-07	3.77E-07	3.42E-07	1.56E-07	2.45E-07	6.68E-09	1.61E-07	3.56E-08	5.12E-08	8.12E-08	1.43E-08	1.29E-07	4.79E-07
5111	479363.09	3864377.25	5.96E-04	6.42E-04	1.01E-03	2.06E-07	6.23E-07	3.61E-07	3.89E-07	3.52E-07	1.61E-07	2.52E-07	6.89E-09	1.66E-07	3.67E-08	5.28E-08	8.37E-08	1.48E-08	1.32E-07	4.94E-07
5112	479863.09	3864377.25	6.16E-04	6.64E-04	1.04E-03	2.13E-07	6.44E-07	3.73E-07	4.02E-07	3.64E-07	1.66E-07	2.61E-07	7.12E-09	1.72E-07	3.80E-08	5.46E-08	8.66E-08	1.53E-08	1.37E-07	5.11E-07
5113	480363.09	3864377.25	6.39E-04	6.89E-04	1.08E-03	2.21E-07	6.68E-07	3.87E-07	4.17E-07	3.78E-07	1.72E-07	2.71E-07	7.39E-09	1.79E-07	3.94E-08	5.66E-08	8.98E-08	1.58E-08	1.42E-07	5.30E-07
5114	480863.09	3864377.25	6.58E-04	7.10E-04	1.11E-03	2.28E-07	6.88E-07	3.98E-07	4.29E-07	3.89E-07	1.78E-07	2.79E-07	7.61E-09	1.84E-07	4.06E-08	5.83E-08	9.25E-08	1.63E-08	1.46E-07	5.45E-07
5115	481363.09	3864377.25	6.78E-04	7.30E-04	1.15E-03	2.35E-07	7.08E-07	4.10E-07	4.42E-07	4.00E-07	1.83E-07	2.87E-07	7.83E-09	1.89E-07	4.17E-08	6.00E-08	9.52E-08	1.68E-08	1.51E-07	5.61E-07
5116	481863.09	3864377.25	6.96E-04	7.50E-04	1.18E-03	2.41E-07	7.28E-07	4.21E-07	4.54E-07	4.12E-07	1.88E-07	2.95E-07	8.05E-09	1.94E-07	4.29E-08	6.16E-08	9.78E-08	1.72E-08	1.55E-07	5.77E-07
5117	482363.09	3864377.25	7.13E-04	7.68E-04	1.20E-03	2.47E-07	7.45E-07	4.31E-07	4.65E-07	4.21E-07	1.92E-07	3.02E-07	8.24E-09	1.99E-07	4.39E-08	6.31E-08	1.00E-07	1.76E-08	1.58E-07	5.90E-07
5118	482863.09	3864377.25	7.24E-04	7.80E-04	1.22E-03	2.51E-07	7.56E-07	4.38E-07	4.72E-07	4.28E-07	1.95E-07	3.06E-07	8.37E-09	2.02E-07	4.46E-08	6.41E-08	1.02E-07	1.79E-08	1.61E-07	5.99E-07
5119	483363.09	3864377.25	7.27E-04	7.83E-04	1.23E-03	2.52E-07	7.60E-07	4.40E-07	4.74E-07	4.30E-07	1.96E-07	3.07E-07	8.40E-09	2.03E-07	4.48E-08	6.43E-08	1.02E-07	1.80E-08	1.61E-07	6.02E-07
5120	483863.09	3864377.25	7.25E-04	7.81E-04	1.22E-03	2.51E-07	7.58E-07	4.39E-07	4.72E-07	4.28E-07	1.95E-07	3.06E-07	8.38E-09	2.02E-07	4.47E-08	6.42E-08	1.02E-07	1.79E-08	1.60E-07	6.00E-07
5121	484363.09	3864377.25	7.20E-04	7.76E-04	1.21E-03	2.49E-07	7.53E-07	4.36E-07	4.69E-07	4.25E-07	1.94E-07	3.03E-07	8.32E-09	2.01E-07	4.44E-08	6.37E-08	1.01E-07	1.78E-08	1.59E-07	5.96E-07
5122	484863.09	3864377.25	7.12E-04	7.67E-04	1.20E-03	2.47E-07	7.44E-07	4.31E-07	4.64E-07	4.21E-07	1.92E-07	2.99E-07	8.23E-09	1.99E-07	4.39E-08	6.30E-08	9.99E-08	1.76E-08	1.57E-07	5.89E-07
5123	485363.09	3864377.25	7.06E-04	7.61E-04	1.19E-03	2.45E-07	7.38E-07	4.27E-07	4.60E-07	4.17E-07	1.90E-07	2.97E-07	8.17E-09	1.97E-07	4.35E-08	6.25E-08	9.91E-08	1.75E-08	1.56E-07	5.84E-07
5124	485863.09	3864377.25	7.05E-04	7.59E-04	1.18E-03	2.44E-07	7.37E-07	4.26E-07	4.59E-07	4.16E-07	1.90E-07	2.96E-07	8.15E-09	1.97E-07	4.34E-08	6.23E-08	9.89E-08	1.74E-08	1.55E-07	5.82E-07
5125	486363.09	3864377.25	7.02E-04	7.56E-04	1.18E-03	2.43E-07	7.34E-07	4.25E-07	4.57E-07	4.14E-07	1.89E-07	2.95E-07	8.11E-09	1.96E-07	4.32E-08	6.21E-08	9.85E-08	1.74E-08	1.55E-07	5.80E-07
5126	486863.09	3864377.25	6.94E-04	7.48E-04	1.16E-03	2.40E-07	7.26E-07	4.20E-07	4.52E-07	4.10E-07	1.87E-07	2.92E-07	8.03E-09	1.94E-07	4.28E-08	6.14E-08	9.74E-08	1.72E-08	1.53E-07	5.74E-07
5127	487363.09	3864377.25	6.89E-04	7.42E-04	1.16E-03	2.39E-07	7.20E-07	4.17E-07	4.49E-07	4.07E-07	1.86E-07	2.89E-07	7.97E-09	1.92E-07	4.25E-08	6.10E-08	9.67E-08	1.70E-08	1.52E-07	5.69E-07
5128	487863.09	3864377.25	6.85E-04	7.38E-04	1.15E-03	2.37E-07	7.16E-07	4.15E-07	4.46E-07	4.05E-07	1.85E-07	2.88E-07	7.92E-09	1.91E-07	4.22E-08	6.06E-08	9.61E-08	1.69E-08	1.51E-07	5.66E-07
5129	488363.09	3864377.25	6.84E-04	7.36E-04	1.15E-03	2.37E-07	7.15E-07	4.14E-07	4.45E-07	4.04E-07	1.84E-07	2.88E-07	7.90E-09	1.91E-07	4.21E-08	6.05E-08	9.60E-08	1.69E-08	1.51E-07	5.65E-07
5130	488863.09	3864377.25	6.89E-04	7.42E-04	1.16E-03	2.38E-07	7.20E-07	4.17E-07	4.49E-07	4.07E-07	1.86E-07	2.91E-07	7.96E-09	1.92E-07	4.24E-08	6.10E-08	9.67E-08	1.70E-08	1.53E-07	5.70E-07
5131	489363.09	3864377.25	6.92E-04	7.45E-04	1.17E-03	2.39E-07	7.23E-07	4.18E-07	4.51E-07	4.09E-07	1.87E-07	2.93E-07	7.99E-09	1.93E-07	4.26E-08	6.12E-08	9.71E-08	1.71E-08	1.54E-07	5.73E-07
5132	489863.09	3864377.25	6.93E-04	7.47E-04	1.17E-03	2.40E-07	7.24E-07	4.19E-07	4.52E-07	4.10E-07	1.87E-07	2.94E-07	8.01E-09	1.93E-07	4.27E-08	6.13E-08	9.73E-08	1.71E-08	1.54E-07	5.74E-07
5133	490363.09	3864377.25	6.97E-04	7.52E-04	1.18E-03	2.41E-07	7.29E-07	4.22E-07	4.55E-07	4.12E-07	1.88E-07	2.96E-07	8.06E-09	1.95E-07	4.30E-08	6.18E-08	9.80E-08	1.73E-08	1.55E-07	5.78E-07
5134	490863.09	3864377.25	7.09E-04	7.65E-04	1.20E-03	2.46E-07	7.41E-07	4.29E-07	4.63E-07	4.19E-07	1.91E-07	3.01E-07	8.20E-09	1.98E-07	4.37E-08	6.28E-08	9.97E-08	1.76E-08	1.58E-07	5.88E-07
5135	491363.09	3864377.25	7.39E-04	7.97E-04	1.26E-03	2.56E-07	7.72E-07	4.47E-07	4.82E-07	4.37E-07	1.99E-07	3.15E-07	8.54E-09	2.06E-07	4.55E-08	6.55E-08	1.04E-07	1.83E-08	1.65E-07	6.13E-07
5136	491863.09	3864377.25	4.54E-04	4.90E-04	7.75E-04	1.57E-07	4.74E-07	2.75E-07	2.96E-07	2.69E-07	1.23E-07	1.94E-07	5.24E-09	1.27E-07	2.80E-08	4.02E-08	6.38E-08	1.12E-08	1.02E-07	3.77E-07
5137	492363.09	3864377.25	6.92E-04	7.47E-04	1.18E-03	2.40E-07	7.23E-07	4.19E-07	4.52E-07	4.10E-07	1.87E-07	2.96E-07	8.00E-09	1.93E-07	4.26E-08	6.14E-08	9.73E-08	1.72E-08	1.55E-07	5.75E-07
5138	492863.09	3864377.25	5.25E-04	5.67E-04	9.00E-04	1.82E-07	5.49E-07	3.18E-07	3.43E-07	3.11E-07	1.42E-07	2.25E-07	6.07E-09	1.47E-07	3.23E-08	4.65E-08	7.38E-08	1.30E-08	1.18E-07	4.37E-07

5139	493363.09	3864377.25	6.90E-04	7.44E-04	1.18E-03	2.39E-07	7.21E-07	4.17E-07	4.50E-07	4.08E-07	1.86E-07	2.95E-07	7.97E-09	1.93E-07	4.25E-08	6.12E-08	9.70E-08	1.71E-08	1.55E-07	5.73E-07
5140	493863.09	3864377.25	7.75E-04	8.37E-04	1.33E-03	2.68E-07	8.11E-07	4.69E-07	5.06E-07	4.59E-07	2.09E-07	3.32E-07	8.96E-09	2.17E-07	4.78E-08	6.88E-08	1.09E-07	1.92E-08	1.74E-07	6.45E-07
5141	494363.09	3864377.25	7.85E-04	8.47E-04	1.34E-03	2.72E-07	8.20E-07	4.75E-07	5.12E-07	4.65E-07	2.12E-07	3.36E-07	9.07E-09	2.19E-07	4.83E-08	6.96E-08	1.10E-07	1.95E-08	1.76E-07	6.52E-07
5142	494863.09	3864377.25	7.51E-04	8.10E-04	1.29E-03	2.60E-07	7.85E-07	4.54E-07	4.90E-07	4.44E-07	2.03E-07	3.22E-07	8.68E-09	2.10E-07	4.63E-08	6.66E-08	1.06E-07	1.86E-08	1.69E-07	6.24E-07
5143	495363.09	3864377.25	7.17E-04	7.74E-04	1.23E-03	2.48E-07	7.49E-07	4.34E-07	4.68E-07	4.24E-07	1.94E-07	3.07E-07	8.28E-09	2.00E-07	4.42E-08	6.35E-08	1.01E-07	1.78E-08	1.61E-07	5.96E-07
5144	495863.09	3864377.25	6.94E-04	7.49E-04	1.19E-03	2.40E-07	7.25E-07	4.20E-07	4.53E-07	4.11E-07	1.87E-07	2.97E-07	8.02E-09	1.94E-07	4.27E-08	6.15E-08	9.76E-08	1.72E-08	1.56E-07	5.77E-07
5145	496363.09	3864377.25	6.83E-04	7.37E-04	1.17E-03	2.36E-07	7.14E-07	4.13E-07	4.46E-07	4.04E-07	1.84E-07	2.93E-07	7.89E-09	1.91E-07	4.21E-08	6.06E-08	9.61E-08	1.69E-08	1.54E-07	5.68E-07
5146	496863.09	3864377.25	6.79E-04	7.33E-04	1.16E-03	2.35E-07	7.10E-07	4.11E-07	4.43E-07	4.02E-07	1.83E-07	2.91E-07	7.85E-09	1.90E-07	4.18E-08	6.02E-08	9.55E-08	1.68E-08	1.53E-07	5.65E-07
5147	497363.09	3864377.25	6.76E-04	7.30E-04	1.16E-03	2.34E-07	7.07E-07	4.09E-07	4.42E-07	4.00E-07	1.83E-07	2.90E-07	7.81E-09	1.89E-07	4.16E-08	6.00E-08	9.51E-08	1.68E-08	1.52E-07	5.62E-07
5148	497863.09	3864377.25	6.86E-04	7.40E-04	1.18E-03	2.37E-07	7.17E-07	4.15E-07	4.48E-07	4.06E-07	1.85E-07	2.95E-07	7.92E-09	1.91E-07	4.22E-08	6.08E-08	9.65E-08	1.70E-08	1.55E-07	5.71E-07
5149	498363.09	3864377.25	6.89E-04	7.44E-04	1.18E-03	2.38E-07	7.20E-07	4.17E-07	4.50E-07	4.08E-07	1.86E-07	2.96E-07	7.96E-09	1.92E-07	4.24E-08	6.11E-08	9.69E-08	1.71E-08	1.56E-07	5.73E-07
5150	471363.09	3864877.25	3.39E-04	3.65E-04	5.77E-04	1.17E-07	3.54E-07	2.05E-07	2.21E-07	2.00E-07	9.14E-08	1.44E-07	3.92E-09	9.46E-08	2.09E-08	3.00E-08	4.76E-08	8.39E-09	7.58E-08	2.81E-07
5151	471863.09	3864877.25	3.47E-04	3.75E-04	5.91E-04	1.20E-07	3.63E-07	2.10E-07	2.27E-07	2.05E-07	9.37E-08	1.48E-07	4.01E-09	9.70E-08	2.14E-08	3.08E-08	4.88E-08	8.60E-09	7.77E-08	2.88E-07
5152	472363.09	3864877.25	3.55E-04	3.83E-04	6.05E-04	1.23E-07	3.72E-07	2.15E-07	2.32E-07	2.10E-07	9.59E-08	1.51E-07	4.11E-09	9.93E-08	2.19E-08	3.15E-08	5.00E-08	8.80E-09	7.95E-08	2.95E-07
5153	472863.09	3864877.25	3.64E-04	3.92E-04	6.19E-04	1.26E-07	3.80E-07	2.20E-07	2.37E-07	2.15E-07	9.82E-08	1.55E-07	4.21E-09	1.02E-07	2.24E-08	3.22E-08	5.11E-08	9.01E-09	8.13E-08	3.02E-07
5154	473363.09	3864877.25	3.73E-04	4.02E-04	6.33E-04	1.29E-07	3.89E-07	2.25E-07	2.43E-07	2.20E-07	1.01E-07	1.58E-07	4.31E-09	1.04E-07	2.30E-08	3.30E-08	5.24E-08	9.23E-09	8.32E-08	3.09E-07
5155	473863.09	3864877.25	3.82E-04	4.12E-04	6.49E-04	1.32E-07	3.99E-07	2.31E-07	2.49E-07	2.26E-07	1.03E-07	1.62E-07	4.41E-09	1.07E-07	2.35E-08	3.38E-08	5.37E-08	9.46E-09	8.52E-08	3.17E-07
5156	474363.09	3864877.25	3.93E-04	4.23E-04	6.67E-04	1.36E-07	4.10E-07	2.38E-07	2.56E-07	2.32E-07	1.06E-07	1.67E-07	4.54E-09	1.10E-07	2.42E-08	3.48E-08	5.52E-08	9.72E-09	8.76E-08	3.26E-07
5157	474863.09	3864877.25	4.04E-04	4.35E-04	6.85E-04	1.40E-07	4.22E-07	2.44E-07	2.63E-07	2.39E-07	1.09E-07	1.71E-07	4.67E-09	1.13E-07	2.49E-08	3.58E-08	5.67E-08	1.00E-08	9.00E-08	3.35E-07
5158	475363.09	3864877.25	4.16E-04	4.48E-04	7.05E-04	1.44E-07	4.35E-07	2.52E-07	2.71E-07	2.46E-07	1.12E-07	1.76E-07	4.81E-09	1.16E-07	2.56E-08	3.68E-08	5.84E-08	1.03E-08	9.26E-08	3.45E-07
5159	475863.09	3864877.25	4.29E-04	4.62E-04	7.26E-04	1.48E-07	4.48E-07	2.59E-07	2.80E-07	2.54E-07	1.16E-07	1.82E-07	4.96E-09	1.20E-07	2.64E-08	3.80E-08	6.02E-08	1.06E-08	9.54E-08	3.55E-07
5160	476363.09	3864877.25	4.44E-04	4.79E-04	7.52E-04	1.54E-07	4.64E-07	2.69E-07	2.90E-07	2.63E-07	1.20E-07	1.88E-07	5.14E-09	1.24E-07	2.74E-08	3.93E-08	6.24E-08	1.10E-08	9.88E-08	3.68E-07
5161	476863.09	3864877.25	4.63E-04	4.99E-04	7.84E-04	1.60E-07	4.84E-07	2.80E-07	3.02E-07	2.74E-07	1.25E-07	1.96E-07	5.35E-09	1.29E-07	2.85E-08	4.10E-08	6.50E-08	1.15E-08	1.03E-07	3.83E-07
5162	477363.09	3864877.25	4.81E-04	5.19E-04	8.15E-04	1.67E-07	5.03E-07	2.91E-07	3.14E-07	2.85E-07	1.30E-07	2.04E-07	5.56E-09	1.34E-07	2.97E-08	4.26E-08	6.76E-08	1.19E-08	1.07E-07	3.99E-07
5163	477863.09	3864877.25	5.01E-04	5.40E-04	8.49E-04	1.74E-07	5.24E-07	3.03E-07	3.27E-07	2.96E-07	1.35E-07	2.12E-07	5.79E-09	1.40E-07	3.09E-08	4.44E-08	7.04E-08	1.24E-08	1.12E-07	4.15E-07
5164	478363.09	3864877.25	5.20E-04	5.60E-04	8.80E-04	1.80E-07	5.43E-07	3.14E-07	3.39E-07	3.07E-07	1.40E-07	2.20E-07	6.01E-09	1.45E-07	3.20E-08	4.60E-08	7.30E-08	1.29E-08	1.16E-07	4.31E-07
5165	478863.09	3864877.25	5.36E-04	5.78E-04	9.08E-04	1.86E-07	5.61E-07	3.25E-07	3.50E-07	3.17E-07	1.45E-07	2.27E-07	6.20E-09	1.50E-07	3.30E-08	4.75E-08	7.53E-08	1.33E-08	1.19E-07	4.44E-07
5166	479363.09	3864877.25	5.53E-04	5.96E-04	9.35E-04	1.91E-07	5.78E-07	3.34E-07	3.60E-07	3.27E-07	1.49E-07	2.34E-07	6.39E-09	1.54E-07	3.40E-08	4.89E-08	7.76E-08	1.37E-08	1.23E-07	4.58E-07
5167	479863.09	3864877.25	5.69E-04	6.14E-04	9.64E-04	1.97E-07	5.95E-07	3.45E-07	3.71E-07	3.37E-07	1.54E-07	2.41E-07	6.58E-09	1.59E-07	3.51E-08	5.04E-08	8.00E-08	1.41E-08	1.27E-07	4.72E-07
5168	480363.09	3864877.25	5.90E-04	6.36E-04	9.98E-04	2.04E-07	6.16E-07	3.57E-07	3.85E-07	3.49E-07	1.59E-07	2.50E-07	6.82E-09	1.65E-07	3.63E-08	5.22E-08	8.28E-08	1.46E-08	1.31E-07	4.89E-07
5169	480863.09	3864877.25	6.06E-04	6.53E-04	1.03E-03	2.10E-07	6.33E-07	3.67E-07	3.95E-07	3.58E-07	1.63E-07	2.57E-07	7.01E-09	1.69E-07	3.73E-08	5.37E-08	8.51E-08	1.50E-08	1.35E-07	5.02E-07
5170	481363.09	3864877.25	6.22E-04	6.70E-04	1.05E-03	2.15E-07	6.50E-07	3.76E-07	4.05E-07	3.67E-07	1.68E-07	2.63E-07	7.18E-09	1.74E-07	3.83E-08	5.50E-08	8.73E-08	1.54E-08	1.38E-07	5.15E-07
5171	481863.09	3864877.25	6.35E-04	6.84E-04	1.07E-03	2.20E-07	6.64E-07	3.84E-07	4.14E-07	3.75E-07	1.71E-07	2.69E-07	7.34E-09	1.77E-07	3.91E-08	5.62E-08	8.92E-08	1.57E-08	1.41E-07	5.26E-07
5172	482363.09	3864877.25	6.47E-04	6.97E-04	1.09E-03	2.24E-07	6.76E-07	3.91E-07	4.22E-07	3.82E-07	1.74E-07	2.74E-07	7.48E-09	1.81E-07	3.99E-08	5.73E-08	9.08E-08	1.60E-08	1.44E-07	5.36E-07
5173	482863.09	3864877.25	6.55E-04	7.06E-04	1.11E-03	2.27E-07	6.84E-07	3.96E-07	4.27E-07	3.87E-07	1.77E-07	2.77E-07	7.57E-09	1.83E-07	4.03E-08	5.80E-08	9.20E-08	1.62E-08	1.45E-07	5.42E-07
5174	483363.09	3864877.25	6.57E-04	7.08E-04	1.11E-03	2.27E-07	6.87E-07	3.98E-07	4.28E-07	3.88E-07	1.77E-07	2.77E-07	7.59E-09	1.83E-07	4.05E-08	5.81E-08	9.22E-08	1.63E-08	1.45E-07	5.44E-07
5175	483863.09	3864877.25	6.52E-04	7.03E-04	1.10E-03	2.26E-07	6.82E-07	3.95E-07	4.25E-07	3.85E-07	1.76E-07	2.75E-07	7.54E-09	1.82E-07	4.02E-08	5.77E-08	9.16E-08	1.61E-08	1.44E-07	5.40E-07
5176	484363.09	3864877.25	6.47E-04	6.97E-04	1.09E-03	2.24E-07	6.76E-07	3.92E-07	4.22E-07	3.82E-07	1.74E-07	2.72E-07	7.48E-09	1.81E-07	3.99E-08	5.72E-08	9.08E-08	1.60E-08	1.43E-07	5.35E-07
5177	484863.09	3864877.25	6.40E-04	6.90E-04	1.08E-03	2.22E-07	6.69E-07	3.87E-07	4.17E-07	3.78E-07	1.73E-07	2.69E-07	7.40E-09	1.79E-07	3.95E-08	5.66E-08	8.99E-08	1.58E-08	1.41E-07	5.29E-07
5178	485363.09	3864877.25	6.37E-04	6.86E-04	1.07E-03	2.20E-07	6.66E-07	3.85E-07	4.15E-07	3.76E-07	1.72E-07	2.67E-07	7.36E-09	1.78E-07	3.92E-08	5.63E-08	8.94E-08	1.57E-08	1.40E-07	5.26E-07
5179	485863.09	3864877.25	6.34E-04	6.82E-04	1.06E-03	2.19E-07	6.63E-07	3.84E-07	4.13E-07	3.74E-07	1.71E-07	2.66E-07	7.33E-09	1.77E-07	3.91E-08	5.61E-08	8.89E-08	1.57E-08	1.40E-07	5.24E-07
5180	486363.09	3864877.25	6.30E-04	6.79E-04	1.06E-03	2.18E-07	6.59E-07	3.81E-07	4.11E-07	3.72E-07	1.70E-07	2.65E-07	7.29E-09	1.76E-07	3.88E-08	5.57E-08	8.84E-08	1.56E-08	1.39E-07	5.21E-07
5181	486863.09	3864877.25	6.25E-04	6.73E-04	1.05E-03	2.16E-07	6.53E-07	3.78E-07	4.07E-07	3.69E-07	1.68E-07	2.62E-07	7.22E-09	1.74E-07	3.85E-08	5.53E-08	8.77E-08	1.55E-08	1.38E-07	5.16E-07
5182	487363.09	3864877.25	6.21E-04	6.68E-04	1.04E-03	2.15E-07	6.49E-07	3.76E-07	4.04E-07	3.67E-07	1.67E-07	2.61E-07	7.18E-09	1.73E-07	3.82E-08	5.49E-08	8.71E-08	1.53E-08	1.37E-07	5.13E-07
5183	487863.09	3864877.25	6.18E-04	6.65E-04	1.04E-03	2.14E-07	6.46E-07	3.74E-07	4.03E-07	3.65E-07	1.67E-07	2.60E-07	7.14E-09	1.73E-07	3.81E-08	5.47E-08	8.67E-08	1.53E-08	1.36E-07	5.11E-07
5184	488363.09	3864877.25	6.18E-04	6.65E-04	1.04E-03	2.14E-07	6.46E-07	3.74E-07	4.02E-07	3.65E-07	1.66E-07	2.60E-07	7.14E-09	1.72E-07	3.81E-08	5.46E-08	8.67E-08	1.53E-08	1.36E-07	5.11E-07
5185	488863.09	3864877.25	6.21E-04	6.69E-04	1.05E-03	2.15E-07	6.49E-07	3.76E-07	4.05E-07	3.67E-07	1.67E-07	2.62E-07	7.18E-09	1.73E-07	3.82E-08	5.49E-08	8.71E-08	1.54E-08	1.37E-07	5.14E-07
5186	489363.09	3864877.25	6.23E-04	6.72E-04	1.05E-03	2.16E-07	6.51E-07	3.77E-07	4.06E-07	3.68E-07	1.68E-07	2.64E-07	7.21E-09	1.74E-07	3.84E-08	5.52E-08	8.75E-08	1.54E-08	1.38E-07	5.16E-07
5187	489863.09	3864877.25	6.24E-04	6.73E-04	1.06E-03	2.16E-07	6.52E-07	3.78E-07	4.07E-07	3.69E-07	1.68E-07	2.64E-07	7.22E-09	1.74E-07	3.85E-08	5.53E-08	8.77E-08	1.55E-08	1.39E-07	5.17E-07
5188	490363.09	3864877.25	6.28E-04	6.77E-04	1.06E-03	2.17E-07	6.56E-07	3.80E-07	4.09E-07	3.71E-07	1.69E-07	2.66E-07	7.26E-09	1.75E-07	3.87E-08	5.56E-08	8.82E-08	1.55E-08	1.40E-07	5.20E-07
5189	490863.09	3864877.25	6.47E-04	6.98E-04	1.10E-03	2.24E-07	6.76E-07	3.92E-07	4.22E-07	3.83E-07	1.75E-07	2.75E-07	7.48E-09	1.81E-07	3.99E-08	5.73E-08	9.09E-08	1.60E-08	1.44E-07	5.37E-07
5190	491363.09	3864877.25	6.62E-04	7.14E-04	1.12E-03	2.29E-07	6.92E-07	4.00E-07	4.32E-07	3.91E-07	1.79E-07	2.82E-07	7.65E-09	1.85E-07	4.08E-08	5.86E-08	9.30E-08	1.64E-08	1.48E-07	5.49E-07
5191	491863.09	3864877.25	6.59E-04	7.11E-04	1.12E-03	2.28E-07	6.89E-07	3.99E-07	4.30E-07	3.90E-07	1.78E-07	2.81E-07	7.62E-09	1.84E-07	4.06E-08	5.84E-08	9.26E-08	1.63E-08	1.47E-07	5.47E-07
5192	492363.09	3864877.25	2.70E-04	2.91E-04	4.58E-04	9.34E-08	2.82E-07	1.63E-07	1.76E-07	1.59E-07	7.28E-08	1.15E-07	3.12E-09	7.53E-08	1.66E-08	2.39E-08	3.79E-08	6.68E-09	6.01E-08	2.24E-07
5193	492863.09	3864877.25	3.62E-04	3.91E-04	6.18E-04	1.25E-07	3.79E-07	2.19E-07	2.36E-07	2.14E-07	9.78E-08	1.55E-07	4.19E-09	1.01E-07	2.23E-08	3.21E-08	5.09E-08	8.98E-09	8.12E-08	3.01E-07
5194	493363.09	3864877.25	3.47E-04	3.74E-04	5.91E-04	1.20E-07	3.62E-07	2.10E-07	2.26E-07	2.05E-07	9.36E-08	1.48E-07	4.01E-09	9.68E-08	2.13E-08	3.07E-08	4.87E-08	8.59E-09	7.77E-08	2.88E-07
5195	493863.09	3864877.25	6.36E-04	6.86E-04	1.09E-03	2.20E-07	6.64E-07	3.85E-07	4.15E-07	3.76E-07	1.72E-07	2.72E-07	7.35E-09	1.77E-07	3.92E-08	5.64E-08	8.94E-08	1.58E-08	1.43E-07	5.28E-07
5196	494363.09	3864877.25	7.04E-04	7.60E-04	1.20E-03	2.44E-07	7.36E-07	4.26E-07	4.60E-07	4.17E-07	1.90E-07	3.01E-07	8.14E-09	1.97E-07	4.34E-08	6.24E-08	9.90E-08	1.74E-08	1.58E-07	5.85E-07
5197	494863.09	3864877.25	7.10E-04	7.66E-04	1.22E-03	2.46E-07	7.42E-07	4.30E-07	4.64E-07	4.20E-07	1.92E-07	3.04E-07	8.21E-09	1.98E-07	4.37E-08	6.29E-08	9.99E-08	1.76E-08	1.60E-07	5.90E-07
5198	495363.09	3864877.25	6.82E-04	7.36E-04	1.17E-03	2.36E-07	7.13E-07	4.13E-07	4.45E-07	4.04E-07	1.84E-07	2.92E-07	7.88E-09	1.90E-07	4.20E-08	6.05E-08	9.59E-08	1.69E-08	1.53E-07	5.67E-07
5199	495863.09	3864877.25	6.50E-04	7.02E-04	1.11E-03	2.25E-07	6.80E-07	3.94E-07	4.25E-07	3.85E-07	1.76E-07	2.79E-07	7.52E-09	1.82E-07	4.01E-08	5.77E-08	9.15E-08	1.61E-08	1.46E-07	5.41E-07
5200	496363.09	3864877.25	6.29E-04	6.79E-04	1.08E-03	2.18E-07	6.57E-07	3.80E-07	4.11E-07	3.72E-07	1.70E-07	2.70E-07	7.27E-09	1.76E-07	3.87E-08	5.57E-08	8.84E-08	1.56E-08	1.41E-07	5.23E-07
5201	496863.09	3864877.25	6.18E-04	6.67E-04	1.06E-03	2.14E-07	6.46E-07	3.74E-07	4.03E-07	3.66E-07	1.67E-07	2.65E-07	7.14E-09	1.72E-07	3.81E-08	5.48E-08	8.69E-08	1.53E-08	1.39E-07	5.14E-07
5202	497363.09	3864877.25	6.13E-04	6.61E-04	1.05E-03	2.12E-07	6.40E-07	3.71E-07	4.00E-07	3.63E-07	1.65E-07	2.63E-07	7.08E-09	1.71E-07	3.77E-08	5.43E-08	8.62E-08	1.52E-08	1.38E-07	5.09E-07
5203	497863.09	3864877.25	6.12E-04	6.61E-04	1.05E-03	2.12E-07	6.39E-07	3.70E-07	4.00E-07	3.62E-07	1.65E-07	2.63E-07	7.07E-09	1.71E-07	3.77E-08	5.43E-08	8.61E-08	1.52E-08	1.38E-07	5.09E-07
5204	498363.09	3864877.25	6.11E-04	6.60E-04	1.05E-03	2.12E-07	6.39E-07	3.70E-07	3.99E-07	3.62E-07	1.65E-07	2.63E-07	7.07E-09	1.71E-07	3.77E-08	5.42E-08	8.60E-08	1.52E-08	1.38E-07	5.09E-07
5205	471363.09	3865377.25	3.21E-04	3.47E-04	5.47E-04	1.11E-07	3.36E-07	1.94E-07	2.10E-07	1.90E-07	8.67E-08	1.37E-07	3.71E-09	8.97E-08	1.98E-08	2.85E-08	4.52E-08	7.96E-09	7.18E-08	2.67E-07
5206	471863.09	3865377.25	3.28E-04	3.54E-04	5.58E-04	1.14E-07	3.43E-07	1.99E-07	2.14E-07	1.94E-07	8.86E-08	1.40E-07	3.80E-09	9.17E-08	2.02E-08	2.91E-08	4.61E-08	8.13E-09	7.33E-08	2.72E-07
5207	472363.09	3865377.25	3.35E-04	3.61E-04	5.69E-04	1.16E-07	3.50E-07	2.03E-07	2.19E-07	1.98E-07	9.04E-08	1.42E-07	3.87E-09	9.35E-08	2.06E-08	2.97E-08	4.71E-08	8.30E-09	7.47E-08	2.78E-07
5208	472863.09	3865377.25	3.43E-04	3.70E-04	5.82E-04	1.19E-07	3.58E-07	2.07E-07	2.24E-07	2.03E-07	9.25E-08	1.46E-07	3.96E-09	9.57E-08	2.11E-08	3.04E-08	4.82E-08	8.49E-09	7.64E-08	2.84E-07
5209	473363.09	3865377.25	3.50E-04	3.77E-04	5.94E-04	1.21E-07	3.66E-07	2.12E-07	2.28E-07	2.07E-07	9.44E-08	1.49E-07	4.05E-09	9.77E-08	2.16E-08	3.10E-08	4.92E-08	8.67E-09	7.80E-08	2.90E-07
5210	473863.09	3865377.25	3.58E-04	3.86E-04	6.08E-04	1.24E-07	3.74E-07	2.17E-07	2.34E-07	2.12E-07	9.66E-08	1.52E-07	4.14E-09	1.00E-07	2.21E-08	3.17E-08	5.03E-08	8.87E-09	7.98E-08	2.97E-07
5211	474363.09	3865377.25	3.68E-04	3.97E-04	6.23E-04	1.27E-07	3.84E-07	2.23E-07	2.40E-07	2.17E-07	9.92E-08	1.56E-07	4.25E-09	1.03E-07	2.27E-08	3.26E-08	5.17E-08	9.11E-09	8.19E-08	3.05E-07
5212	474863.09	3865377.25	3.79E-04	4.08E-04	6.41E-04	1.31E-07	3.96E-07	2.29E-07	2.47E-07	2.24E-07	1.02E-07	1.60E-07	4.38E-09	1.06E-07	2.33E-08	3.35E-08	5.32E-08	9.37E-09	8.42E-08	3.14E-07
5213	475363.09	3865377.25	3.90E-04	4.20E-04	6.59E-04	1.35E-07	4.07E-07	2.36E-07	2.54E-07	2.30E-07	1.05E-07	1.65E-07	4.50E-09	1.09E-07	2.40E-08	3.45E-08	5.47E-08	9.65E-09	8.66E-08	3.23E-07
5214	475863.09	3865377.25	4.04E-04	4.35E-04	6.83E-04	1.40E-07	4.22E-07	2.44E-07	2.63E-07	2.39E-07	1.09E-07	1.71E-07	4.67E-09	1.13E-07	2.49E-08	3.57E-08	5.67E-08	9.99E-09	8.97E-08	3.34E-07
5215	476363.09	3865377.25	4.22E-04	4.55E-04	7.15E-04	1.46E-07	4.41E-07	2.56E-07	2.75E-07	2.50E-07	1.14E-07	1.79E-07	4.88E-09	1.18E-07	2.60E-08	3.74E-08	5.93E-08	1.05E-08	9.39E-08	3.50E-07
5216	476863.09	3865377.25	4.29E-04	4.63E-04	7.28E-04	1.49E-07	4.49E-07	2.60E-07	2.80E-07	2.54E-07	1.16E-07	1.82E-07	4.96E-09	1.20E-07	2.64E-08	3.80E-08	6.03E-08	1.06E-08	9.57E-08	3.56E-07
5217	477363.09	3865377.25	4.58E-04	4.93E-04	7.76E-04	1.58E-07	4.78E-07	2.77E-07	2.99E-07	2.71E-07	1.23E-07	1.94E-07	5.29E-09	1.28E-07	2.82E-08	4.05E-08	6.43E-08	1.13E-08	1.02E-07	3.79E-07
5218	477863.09	3865377.25	4.72E-04	5.08E-04	7.99E-04	1.63E-07	4.93E-07	2.85E-07	3.08E-07	2.79E-07	1.27E-07	2.00E-07	5.45E-09	1.32E-07	2.91E-08	4.18E-08	6.63E-08	1.17E-08	1.05E-07	3.91E-07
5219	478363.09	3865377.25	4.88E-04	5.26E-04	8.26E-04	1.69E-07	5.10E-07	2.95E-07	3.18E-07	2.88E-07	1.32E-07	2.07E-07	5.64E-09	1.36E-07	3.00E-08	4.32E-08	6.85E-08	1.21E-08	1.08E-07	4.04E-07
5220	478863.09	3865377.25	5.00E-04	5.39E-04	8.46E-04	1.73E-07	5.23E-07	3.03E-07	3.26E-07	2.96E-07	1.35E-07	2.12E-07	5.78E-09	1.40E-07	3.08E-08	4.43E-08	7.03E-08	1.24E-08	1.11E-07	4.14E-07
5221	479363.09	3865377.25	5.14E-04	5.54E-04	8.69E-04	1.78E-07	5.37E-07	3.11E-07	3.35E-07	3.04E-07	1.39E-07	2.17E-07	5.94E-09	1.43E-07	3.17E-08	4.55E-08	7.21E-08	1.27E-08	1.14E-07	4.25E-07
5222	479863.09	3865377.25	5.30E-04	5.71E-04	8.97E-04	1.83E-07	5.54E-07	3.21E-07	3.46E-07	3.13E-07	1.43E-07	2.24E-07	6.13E-09	1.48E-07	3.27E-08	4.69E-08	7.44E-08	1.31E-08	1.18E-07	4.39E-07
5223	480363.09	3865377.25	5.45E-04	5.87E-04	9.21E-04	1.89E-07	5.69E-07	3.29E-07	3.55E-07	3.22E-07	1.47E-07	2.31E-07	6.29E-09	1.52E-07	3.36E-08	4.82E-08	7.65E-08	1.35E-08	1.21E-07	4.51E-07
5224	480863.09	3865377.25	5.58E-04	6.02E-04	9.44E-04	1.93E-07	5.84E-07	3.38E-07	3.64E-07	3.30E-07	1.51E-07	2.36E-07	6.45E-09	1.56E-07	3.44E-08	4.94E-08	7.84E-08	1.38E-08	1.24E-07	4.62E-07
5225	481363.09	3865377.25	5.71E-04	6.16E-04	9.66E-04	1.98E-07	5.97E-07	3.46E-07	3.72E-07	3.38E-07	1.54E-07	2.42E-07	6.60E-09	1.59E-07	3.52E-08	5.06E-08	8.02E-08	1.41E-08	1.27E-07	4.73E-07
5226	481863.09	3865377.25	5.81E-04	6.27E-04	9.83E-04	2.01E-07	6.08E-07	3.52E-07	3.79E-07	3.44E-07	1.57E-07	2.46E-07	6.72E-09	1.62E-07	3.58E-08	5.15E-08	8.17E-08	1.44E-08	1.29E-07	4.82E-07
5227	482363.09	3865377.25	5.90E-04	6.35E-04	9.96E-04	2.04E-07	6.16E-07	3.57E-07	3.84E-07	3.49E-07	1.59E-07	2.49E-07	6.82E-09	1.65E-07	3.63E-08	5.22E-08	8.28E-08	1.46E-08	1.31E-07	4.88E-07
5228	482863.09	3865377.25	5.95E-04	6.41E-04	1.00E-03	2.06E-07	6.22E-07	3.60E-07	3.88E-07	3.51E-07	1.60E-07	2.51E-07	6.88E-09	1.66E-07	3.66E-08	5.26E-08	8.35E-08	1.47E-08	1.32E-07	4.92E-07
5229	483363.09	3865377.25	5.96E-04	6.42E-04	1.00E-03	2.06E-07	6.23E-07	3.60E-07	3.88E-07	3.52E-07	1.61E-07	2.51E-07	6.89E-09	1.66E-07	3.67E-08	5.27E-08	8.36E-08	1.47E-08	1.32E-07	4.93E-07
5230	483863.09	3865377.25	5.91E-04	6.37E-04	9.95E-04	2.05E-07	6.18E-07	3.58E-07	3.85E-07	3.49E-07	1.59E-07	2.49E-07	6.84E-09	1.65E-07	3.64E-08	5.23E-08	8.30E-08	1.46E-08	1.31E-07	4.89E-07
5231	484363.09	3865377.25	5.86E-04	6.31E-04	9.85E-04	2.03E-07	6.13E-07	3.55E-07	3.82E-07	3.46E-07	1.58E-07	2.46E-07	6.78E-09	1.64E-07	3.61E-08	5.19E-08	8.23E-08	1.45E-08	1.29E-07	4.85E-07
5232	484863.09	3865377.25	5.81E-04	6.26E-04	9.75E-04	2.01E-07	6.07E-07	3.52E-07	3.78E-07	3.43E-07	1.57E-07	2.44E-07	6.72E-09	1.62E-07	3.58E-08	5.14E-08	8.15E-08	1.44E-08	1.28E-07	4.80E-07
5233	485363.09	3865377.25	5.77E-04	6.21E-04	9.67E-04	2.00E-07	6.03E-07	3.49E-07	3.76E-07	3.41E-07	1.55E-07	2.42E-07	6.67E-09	1.61E-07	3.56E-08	5.10E-08	8.09E-08	1.43E-08	1.27E-07	4.77E-07
5234	485863.09	3865377.25	5.74E-04	6.17E-04	9.62E-04	1.99E-07	6.00E-07	3.47E-07	3.74E-07	3.39E-07	1.55E-07	2.41E-07	6.63E-09	1.60E-07	3.53E-08	5.07E-08	8.05E-08	1.42E-08	1.26E-07	4.74E-07
5235	486363.09	3865377.25	5.71E-04	6.15E-04	9.57E-04	1.98E-07	5.97E-07	3.46E-07	3.72E-07	3.37E-07	1.54E-07	2.40E-07	6.60E-09	1.59E-07	3.52E-08	5.05E-08	8.01E-08	1.41E-08	1.26E-07	4.72E-07
5236	486863.09	3865377.25	5.67E-04	6.10E-04	9.50E-04	1.96E-07	5.92E-07	3.43E-07	3.69E-07	3.35E-07	1.53E-07	2.38E-07	6.55E-09	1.58E-07	3.49E-08	5.01E-08	7.95E-08	1.40E-08	1.25E-07	4.68E-07
5237	487363.09	3865377.25	5.64E-04	6.07E-04	9.45E-04	1.95E-07	5.89E-07	3.41E-07	3.67E-07	3.33E-07	1.52E-07	2.37E-07	6.52E-09	1.57E-07	3.47E-08	4.99E-08	7.91E-08	1.39E-08	1.24E-07	4.66E-07
5238	487863.09	3865377.25	5.62E-04	6.05E-04	9.42E-04	1.94E-07	5.87E-07	3.40E-07	3.66E-07	3.32E-07	1.51E-07	2.36E-07	6.49E-09	1.57E-07	3.46E-08	4.97E-08	7.88E-08	1.39E-08	1.24E-07	4.64E-07
5239	488363.09	3865377.25	5.62E-04	6.06E-04	9.45E-04	1.95E-07	5.88E-07	3.40E-07	3.66E-07	3.32E-07	1.52E-07	2.36E-07	6.50E-09	1.57E-07	3.46E-08	4.97E-08	7.89E-08	1.39E-08	1.24E-07	4.65E-07
5240	488863.09	3865377.25	5.65E-04	6.09E-04	9.51E-04	1.96E-07	5.91E-07	3.42E-07	3.68E-07	3.34E-07	1.52E-07	2.38E-07	6.53E-09	1.58E-07	3.48E-08	5.00E-08	7.93E-08	1.40E-08	1.25E-07	4.67E-07
5241	489363.09	3865377.25	5.67E-04	6.11E-04	9.58E-04	1.96E-07	5.93E-07	3.43E-07	3.70E-07	3.35E-07	1.53E-07	2.40E-07	6.56E-09	1.58E-07	3.50E-08	5.02E-08	7.97E-08	1.40E-08	1.26E-07	4.70E-07
5242	489863.09	3865377.25	5.72E-04	6.16E-04	9.67E-04	1.98E-07	5.98E-07	3.46E-07	3.73E-07	3.38E-07	1.54E-07	2.42E-07	6.61E-09	1.60E-07	3.52E-08	5.06E-08	8.03E-08	1.42E-08	1.27E-07	4.74E-07
5243	490363.09	3865377.25	5.84E-04	6.30E-04	9.91E-04	2.02E-07	6.11E-07	3.53E-07	3.81E-07	3.45E-07	1.58E-07	2.48E-07	6.75E-09	1.63E-07	3.60E-08	5.17E-08	8.21E-08	1.45E-08	1.30E-07	4.84E-07

5244	490863.09	3865377.25	5.81E-04	6.27E-04	9.86E-04	2.01E-07	6.07E-07	3.52E-07	3.79E-07	3.44E-07	1.57E-07	2.47E-07	6.72E-09	1.62E-07	3.58E-08	5.15E-08	8.17E-08	1.44E-08	1.30E-07	4.82E-07
5245	491363.09	3865377.25	5.82E-04	6.27E-04	9.89E-04	2.01E-07	6.08E-07	3.52E-07	3.79E-07	3.44E-07	1.57E-07	2.47E-07	6.72E-09	1.62E-07	3.58E-08	5.15E-08	8.17E-08	1.44E-08	1.30E-07	4.82E-07
5246	491863.09	3865377.25	5.90E-04	6.36E-04	1.00E-03	2.04E-07	6.16E-07	3.57E-07	3.85E-07	3.49E-07	1.59E-07	2.51E-07	6.82E-09	1.65E-07	3.63E-08	5.23E-08	8.29E-08	1.46E-08	1.32E-07	4.89E-07
5247	492363.09	3865377.25	5.32E-04	5.74E-04	9.09E-04	1.84E-07	5.56E-07	3.22E-07	3.47E-07	3.15E-07	1.44E-07	2.27E-07	6.15E-09	1.48E-07	3.28E-08	4.71E-08	7.48E-08	1.32E-08	1.19E-07	4.42E-07
5248	492863.09	3865377.25	4.21E-04	4.55E-04	7.20E-04	1.46E-07	4.40E-07	2.55E-07	2.75E-07	2.49E-07	1.14E-07	1.80E-07	4.87E-09	1.18E-07	2.60E-08	3.73E-08	5.92E-08	1.04E-08	9.46E-08	3.50E-07
5249	493363.09	3865377.25	3.19E-04	3.44E-04	5.45E-04	1.11E-07	3.34E-07	1.93E-07	2.08E-07	1.89E-07	8.62E-08	1.36E-07	3.69E-09	8.92E-08	1.97E-08	2.83E-08	4.49E-08	7.91E-09	7.15E-08	2.65E-07
5250	493863.09	3865377.25	4.69E-04	5.06E-04	8.02E-04	1.62E-07	4.90E-07	2.84E-07	3.06E-07	2.77E-07	1.27E-07	2.01E-07	5.42E-09	1.31E-07	2.89E-08	4.16E-08	6.59E-08	1.16E-08	1.05E-07	3.90E-07
5251	494363.09	3865377.25	5.85E-04	6.32E-04	1.00E-03	2.03E-07	6.12E-07	3.54E-07	3.82E-07	3.47E-07	1.58E-07	2.50E-07	6.77E-09	1.63E-07	3.61E-08	5.19E-08	8.23E-08	1.45E-08	1.31E-07	4.86E-07
5252	494863.09	3865377.25	6.38E-04	6.88E-04	1.09E-03	2.21E-07	6.66E-07	3.86E-07	4.16E-07	3.77E-07	1.72E-07	2.73E-07	7.37E-09	1.78E-07	3.93E-08	5.65E-08	8.97E-08	1.58E-08	1.43E-07	5.30E-07
5253	495363.09	3865377.25	6.46E-04	6.97E-04	1.11E-03	2.24E-07	6.75E-07	3.91E-07	4.22E-07	3.82E-07	1.75E-07	2.77E-07	7.47E-09	1.80E-07	3.98E-08	5.73E-08	9.09E-08	1.60E-08	1.45E-07	5.37E-07
5254	495863.09	3865377.25	6.23E-04	6.72E-04	1.07E-03	2.16E-07	6.51E-07	3.77E-07	4.07E-07	3.69E-07	1.68E-07	2.67E-07	7.20E-09	1.74E-07	3.84E-08	5.52E-08	8.76E-08	1.54E-08	1.40E-07	5.18E-07
5255	496363.09	3865377.25	5.92E-04	6.39E-04	1.01E-03	2.05E-07	6.19E-07	3.58E-07	3.86E-07	3.50E-07	1.60E-07	2.53E-07	6.84E-09	1.65E-07	3.65E-08	5.25E-08	8.32E-08	1.47E-08	1.33E-07	4.92E-07
5256	496863.09	3865377.25	5.65E-04	6.09E-04	9.66E-04	1.95E-07	5.90E-07	3.42E-07	3.69E-07	3.34E-07	1.53E-07	2.42E-07	6.53E-09	1.58E-07	3.48E-08	5.01E-08	7.94E-08	1.40E-08	1.27E-07	4.69E-07
5257	497363.09	3865377.25	5.62E-04	6.06E-04	9.63E-04	1.94E-07	5.87E-07	3.40E-07	3.67E-07	3.33E-07	1.52E-07	2.41E-07	6.49E-09	1.57E-07	3.46E-08	4.98E-08	7.90E-08	1.39E-08	1.26E-07	4.67E-07
5258	497863.09	3865377.25	5.57E-04	6.01E-04	9.55E-04	1.93E-07	5.82E-07	3.37E-07	3.64E-07	3.30E-07	1.50E-07	2.39E-07	6.44E-09	1.55E-07	3.43E-08	4.94E-08	7.83E-08	1.38E-08	1.25E-07	4.63E-07
5259	498363.09	3865377.25	5.57E-04	6.02E-04	9.56E-04	1.93E-07	5.82E-07	3.37E-07	3.64E-07	3.30E-07	1.51E-07	2.39E-07	6.44E-09	1.56E-07	3.43E-08	4.94E-08	7.84E-08	1.38E-08	1.26E-07	4.63E-07
5260	471363.09	3865877.25	3.04E-04	3.27E-04	5.16E-04	1.05E-07	3.17E-07	1.84E-07	1.98E-07	1.80E-07	8.20E-08	1.29E-07	3.51E-09	8.48E-08	1.87E-08	2.69E-08	4.27E-08	7.52E-09	6.78E-08	2.52E-07
5261	471863.09	3865877.25	3.09E-04	3.33E-04	5.24E-04	1.07E-07	3.23E-07	1.87E-07	2.02E-07	1.83E-07	8.34E-08	1.31E-07	3.57E-09	8.63E-08	1.90E-08	2.74E-08	4.34E-08	7.65E-09	6.89E-08	2.56E-07
5262	472363.09	3865877.25	3.16E-04	3.41E-04	5.36E-04	1.09E-07	3.30E-07	1.91E-07	2.06E-07	1.87E-07	8.52E-08	1.34E-07	3.65E-09	8.82E-08	1.95E-08	2.80E-08	4.44E-08	7.82E-09	7.04E-08	2.62E-07
5263	472863.09	3865877.25	3.21E-04	3.46E-04	5.45E-04	1.11E-07	3.36E-07	1.94E-07	2.10E-07	1.90E-07	8.67E-08	1.36E-07	3.71E-09	8.97E-08	1.98E-08	2.84E-08	4.51E-08	7.95E-09	7.16E-08	2.66E-07
5264	473363.09	3865877.25	3.28E-04	3.54E-04	5.56E-04	1.14E-07	3.43E-07	1.99E-07	2.14E-07	1.94E-07	8.85E-08	1.39E-07	3.79E-09	9.16E-08	2.02E-08	2.91E-08	4.61E-08	8.13E-09	7.31E-08	2.72E-07
5265	473863.09	3865877.25	3.37E-04	3.64E-04	5.71E-04	1.17E-07	3.53E-07	2.04E-07	2.20E-07	1.99E-07	9.10E-08	1.43E-07	3.90E-09	9.42E-08	2.08E-08	2.99E-08	4.74E-08	8.35E-09	7.50E-08	2.79E-07
5266	474363.09	3865877.25	3.47E-04	3.74E-04	5.87E-04	1.20E-07	3.62E-07	2.10E-07	2.26E-07	2.05E-07	9.35E-08	1.47E-07	4.01E-09	9.68E-08	2.14E-08	3.07E-08	4.87E-08	8.58E-09	7.71E-08	2.87E-07
5267	474863.09	3865877.25	3.58E-04	3.86E-04	6.06E-04	1.24E-07	3.74E-07	2.17E-07	2.33E-07	2.12E-07	9.66E-08	1.52E-07	4.14E-09	1.00E-07	2.21E-08	3.17E-08	5.03E-08	8.86E-09	7.95E-08	2.97E-07
5268	475363.09	3865877.25	3.70E-04	3.99E-04	6.25E-04	1.28E-07	3.87E-07	2.24E-07	2.41E-07	2.19E-07	9.98E-08	1.57E-07	4.28E-09	1.03E-07	2.28E-08	3.27E-08	5.19E-08	9.15E-09	8.22E-08	3.06E-07
5269	475863.09	3865877.25	3.84E-04	4.14E-04	6.49E-04	1.33E-07	4.01E-07	2.32E-07	2.50E-07	2.27E-07	1.04E-07	1.63E-07	4.44E-09	1.07E-07	2.37E-08	3.40E-08	5.39E-08	9.50E-09	8.53E-08	3.18E-07
5270	476363.09	3865877.25	4.01E-04	4.33E-04	6.80E-04	1.39E-07	4.19E-07	2.43E-07	2.62E-07	2.37E-07	1.08E-07	1.70E-07	4.64E-09	1.12E-07	2.47E-08	3.55E-08	5.64E-08	9.93E-09	8.94E-08	3.33E-07
5271	476863.09	3865877.25	4.08E-04	4.39E-04	6.92E-04	1.41E-07	4.26E-07	2.47E-07	2.66E-07	2.41E-07	1.10E-07	1.73E-07	4.71E-09	1.14E-07	2.51E-08	3.61E-08	5.73E-08	1.01E-08	9.09E-08	3.38E-07
5272	477363.09	3865877.25	4.35E-04	4.68E-04	7.36E-04	1.50E-07	4.54E-07	2.63E-07	2.83E-07	2.57E-07	1.17E-07	1.84E-07	5.02E-09	1.21E-07	2.68E-08	3.85E-08	6.10E-08	1.08E-08	9.67E-08	3.60E-07
5273	477863.09	3865877.25	4.46E-04	4.80E-04	7.55E-04	1.54E-07	4.66E-07	2.70E-07	2.91E-07	2.63E-07	1.20E-07	1.89E-07	5.15E-09	1.24E-07	2.75E-08	3.95E-08	6.26E-08	1.10E-08	9.91E-08	3.69E-07
5274	478363.09	3865877.25	4.58E-04	4.93E-04	7.74E-04	1.58E-07	4.78E-07	2.77E-07	2.98E-07	2.70E-07	1.23E-07	1.94E-07	5.29E-09	1.28E-07	2.82E-08	4.05E-08	6.43E-08	1.13E-08	1.02E-07	3.79E-07
5275	478863.09	3865877.25	4.68E-04	5.05E-04	7.92E-04	1.62E-07	4.89E-07	2.83E-07	3.05E-07	2.77E-07	1.26E-07	1.98E-07	5.41E-09	1.31E-07	2.89E-08	4.15E-08	6.58E-08	1.16E-08	1.04E-07	3.88E-07
5276	479363.09	3865877.25	4.80E-04	5.18E-04	8.12E-04	1.66E-07	5.02E-07	2.91E-07	3.13E-07	2.84E-07	1.30E-07	2.03E-07	5.55E-09	1.34E-07	2.96E-08	4.25E-08	6.74E-08	1.19E-08	1.07E-07	3.98E-07
5277	479863.09	3865877.25	4.93E-04	5.31E-04	8.34E-04	1.71E-07	5.15E-07	2.98E-07	3.21E-07	2.91E-07	1.33E-07	2.09E-07	5.70E-09	1.38E-07	3.04E-08	4.36E-08	6.92E-08	1.22E-08	1.10E-07	4.08E-07
5278	480363.09	3865877.25	5.06E-04	5.45E-04	8.56E-04	1.75E-07	5.29E-07	3.06E-07	3.30E-07	2.99E-07	1.36E-07	2.14E-07	5.85E-09	1.41E-07	3.12E-08	4.48E-08	7.10E-08	1.25E-08	1.12E-07	4.19E-07
5279	480863.09	3865877.25	5.18E-04	5.58E-04	8.76E-04	1.79E-07	5.41E-07	3.13E-07	3.38E-07	3.06E-07	1.40E-07	2.19E-07	5.99E-09	1.45E-07	3.19E-08	4.58E-08	7.27E-08	1.28E-08	1.15E-07	4.29E-07
5280	481363.09	3865877.25	5.27E-04	5.68E-04	8.90E-04	1.82E-07	5.51E-07	3.19E-07	3.43E-07	3.11E-07	1.42E-07	2.23E-07	6.09E-09	1.47E-07	3.25E-08	4.66E-08	7.40E-08	1.30E-08	1.17E-07	4.36E-07
5281	481863.09	3865877.25	5.34E-04	5.76E-04	9.03E-04	1.85E-07	5.58E-07	3.23E-07	3.48E-07	3.16E-07	1.44E-07	2.26E-07	6.18E-09	1.49E-07	3.29E-08	4.73E-08	7.50E-08	1.32E-08	1.19E-07	4.42E-07
5282	482363.09	3865877.25	5.40E-04	5.82E-04	9.12E-04	1.87E-07	5.65E-07	3.27E-07	3.52E-07	3.19E-07	1.46E-07	2.28E-07	6.24E-09	1.51E-07	3.33E-08	4.78E-08	7.58E-08	1.34E-08	1.20E-07	4.47E-07
5283	482863.09	3865877.25	5.44E-04	5.86E-04	9.17E-04	1.88E-07	5.68E-07	3.29E-07	3.54E-07	3.21E-07	1.47E-07	2.29E-07	6.28E-09	1.52E-07	3.35E-08	4.81E-08	7.63E-08	1.35E-08	1.20E-07	4.50E-07
5284	483363.09	3865877.25	5.44E-04	5.86E-04	9.16E-04	1.88E-07	5.68E-07	3.29E-07	3.54E-07	3.21E-07	1.47E-07	2.29E-07	6.29E-09	1.52E-07	3.35E-08	4.81E-08	7.63E-08	1.35E-08	1.20E-07	4.50E-07
5285	483863.09	3865877.25	5.41E-04	5.82E-04	9.09E-04	1.87E-07	5.65E-07	3.27E-07	3.52E-07	3.19E-07	1.46E-07	2.27E-07	6.25E-09	1.51E-07	3.33E-08	4.78E-08	7.59E-08	1.34E-08	1.19E-07	4.47E-07
5286	484363.09	3865877.25	5.37E-04	5.78E-04	9.00E-04	1.86E-07	5.61E-07	3.25E-07	3.50E-07	3.17E-07	1.45E-07	2.25E-07	6.20E-09	1.50E-07	3.31E-08	4.75E-08	7.53E-08	1.33E-08	1.18E-07	4.43E-07
5287	484863.09	3865877.25	5.30E-04	5.70E-04	8.88E-04	1.83E-07	5.54E-07	3.21E-07	3.45E-07	3.13E-07	1.43E-07	2.22E-07	6.13E-09	1.48E-07	3.27E-08	4.69E-08	7.43E-08	1.31E-08	1.17E-07	4.38E-07
5288	485363.09	3865877.25	5.25E-04	5.65E-04	8.80E-04	1.82E-07	5.49E-07	3.18E-07	3.42E-07	3.10E-07	1.42E-07	2.20E-07	6.07E-09	1.47E-07	3.24E-08	4.65E-08	7.37E-08	1.30E-08	1.16E-07	4.34E-07
5289	485863.09	3865877.25	5.22E-04	5.62E-04	8.75E-04	1.81E-07	5.46E-07	3.16E-07	3.40E-07	3.08E-07	1.41E-07	2.19E-07	6.03E-09	1.46E-07	3.22E-08	4.62E-08	7.32E-08	1.29E-08	1.15E-07	4.31E-07
5290	486363.09	3865877.25	5.19E-04	5.59E-04	8.69E-04	1.80E-07	5.43E-07	3.14E-07	3.38E-07	3.06E-07	1.40E-07	2.18E-07	6.00E-09	1.45E-07	3.20E-08	4.59E-08	7.28E-08	1.28E-08	1.14E-07	4.29E-07
5291	486863.09	3865877.25	5.16E-04	5.56E-04	8.64E-04	1.79E-07	5.40E-07	3.12E-07	3.36E-07	3.05E-07	1.39E-07	2.16E-07	5.97E-09	1.44E-07	3.18E-08	4.56E-08	7.24E-08	1.28E-08	1.14E-07	4.26E-07
5292	487363.09	3865877.25	5.14E-04	5.54E-04	8.62E-04	1.78E-07	5.38E-07	3.11E-07	3.35E-07	3.04E-07	1.39E-07	2.16E-07	5.95E-09	1.44E-07	3.17E-08	4.55E-08	7.22E-08	1.27E-08	1.13E-07	4.25E-07
5293	487863.09	3865877.25	5.15E-04	5.55E-04	8.64E-04	1.78E-07	5.39E-07	3.12E-07	3.36E-07	3.04E-07	1.39E-07	2.16E-07	5.96E-09	1.44E-07	3.18E-08	4.56E-08	7.23E-08	1.27E-08	1.14E-07	4.26E-07
5294	488363.09	3865877.25	5.15E-04	5.55E-04	8.65E-04	1.78E-07	5.38E-07	3.12E-07	3.36E-07	3.04E-07	1.39E-07	2.16E-07	5.95E-09	1.44E-07	3.17E-08	4.56E-08	7.23E-08	1.27E-08	1.14E-07	4.26E-07
5295	488863.09	3865877.25	5.18E-04	5.58E-04	8.72E-04	1.79E-07	5.42E-07	3.14E-07	3.38E-07	3.06E-07	1.40E-07	2.18E-07	5.99E-09	1.45E-07	3.19E-08	4.59E-08	7.27E-08	1.28E-08	1.15E-07	4.29E-07
5296	489363.09	3865877.25	5.21E-04	5.61E-04	8.79E-04	1.80E-07	5.45E-07	3.15E-07	3.40E-07	3.08E-07	1.41E-07	2.20E-07	6.02E-09	1.46E-07	3.21E-08	4.61E-08	7.32E-08	1.29E-08	1.15E-07	4.31E-07
5297	489863.09	3865877.25	5.23E-04	5.64E-04	8.84E-04	1.81E-07	5.47E-07	3.17E-07	3.41E-07	3.09E-07	1.41E-07	2.21E-07	6.05E-09	1.46E-07	3.22E-08	4.63E-08	7.35E-08	1.30E-08	1.16E-07	4.33E-07
5298	490363.09	3865877.25	5.30E-04	5.71E-04	8.97E-04	1.83E-07	5.54E-07	3.21E-07	3.46E-07	3.13E-07	1.43E-07	2.24E-07	6.13E-09	1.48E-07	3.27E-08	4.69E-08	7.44E-08	1.31E-08	1.18E-07	4.39E-07
5299	490863.09	3865877.25	5.34E-04	5.76E-04	9.06E-04	1.85E-07	5.58E-07	3.23E-07	3.48E-07	3.16E-07	1.44E-07	2.27E-07	6.17E-09	1.49E-07	3.29E-08	4.73E-08	7.50E-08	1.32E-08	1.19E-07	4.43E-07
5300	491363.09	3865877.25	5.24E-04	5.65E-04	8.91E-04	1.81E-07	5.48E-07	3.17E-07	3.42E-07	3.10E-07	1.41E-07	2.23E-07	6.06E-09	1.46E-07	3.23E-08	4.64E-08	7.37E-08	1.30E-08	1.17E-07	4.35E-07
5301	491863.09	3865877.25	5.24E-04	5.65E-04	8.93E-04	1.81E-07	5.48E-07	3.17E-07	3.42E-07	3.10E-07	1.41E-07	2.23E-07	6.06E-09	1.46E-07	3.23E-08	4.64E-08	7.37E-08	1.30E-08	1.17E-07	4.35E-07
5302	492363.09	3865877.25	5.13E-04	5.53E-04	8.75E-04	1.78E-07	5.36E-07	3.10E-07	3.35E-07	3.04E-07	1.39E-07	2.19E-07	5.93E-09	1.43E-07	3.16E-08	4.55E-08	7.21E-08	1.27E-08	1.15E-07	4.26E-07
5303	492863.09	3865877.25	4.15E-04	4.47E-04	7.08E-04	1.44E-07	4.33E-07	2.51E-07	2.71E-07	2.45E-07	1.12E-07	1.77E-07	4.79E-09	1.16E-07	2.55E-08	3.67E-08	5.83E-08	1.03E-08	9.30E-08	3.44E-07
5304	493363.09	3865877.25	4.13E-04	4.46E-04	7.06E-04	1.43E-07	4.32E-07	2.50E-07	2.70E-07	2.45E-07	1.12E-07	1.77E-07	4.78E-09	1.15E-07	2.55E-08	3.66E-08	5.81E-08	1.02E-08	9.28E-08	3.43E-07
5305	493863.09	3865877.25	4.56E-04	4.92E-04	7.80E-04	1.58E-07	4.77E-07	2.76E-07	2.98E-07	2.70E-07	1.23E-07	1.95E-07	5.27E-09	1.27E-07	2.81E-08	4.04E-08	6.41E-08	1.13E-08	1.02E-07	3.79E-07
5306	494363.09	3865877.25	4.99E-04	5.38E-04	8.51E-04	1.73E-07	5.21E-07	3.02E-07	3.25E-07	2.95E-07	1.35E-07	2.13E-07	5.76E-09	1.39E-07	3.07E-08	4.42E-08	7.01E-08	1.24E-08	1.12E-07	4.14E-07
5307	494863.09	3865877.25	5.54E-04	5.98E-04	9.46E-04	1.92E-07	5.79E-07	3.35E-07	3.62E-07	3.28E-07	1.50E-07	2.37E-07	6.41E-09	1.55E-07	3.42E-08	4.91E-08	7.79E-08	1.37E-08	1.24E-07	4.60E-07
5308	495363.09	3865877.25	5.84E-04	6.30E-04	9.99E-04	2.02E-07	6.11E-07	3.53E-07	3.81E-07	3.46E-07	1.58E-07	2.50E-07	6.75E-09	1.63E-07	3.60E-08	5.18E-08	8.21E-08	1.45E-08	1.31E-07	4.85E-07
5309	495863.09	3865877.25	5.91E-04	6.38E-04	1.01E-03	2.05E-07	6.18E-07	3.58E-07	3.86E-07	3.50E-07	1.60E-07	2.53E-07	6.83E-09	1.65E-07	3.64E-08	5.24E-08	8.31E-08	1.46E-08	1.33E-07	4.91E-07
5310	496363.09	3865877.25	5.72E-04	6.17E-04	9.79E-04	1.98E-07	5.98E-07	3.46E-07	3.74E-07	3.39E-07	1.55E-07	2.45E-07	6.61E-09	1.60E-07	3.52E-08	5.07E-08	8.05E-08	1.42E-08	1.29E-07	4.76E-07
5311	496863.09	3865877.25	5.35E-04	5.78E-04	9.16E-04	1.85E-07	5.59E-07	3.24E-07	3.50E-07	3.17E-07	1.45E-07	2.29E-07	6.19E-09	1.49E-07	3.30E-08	4.75E-08	7.53E-08	1.33E-08	1.20E-07	4.45E-07
5312	497363.09	3865877.25	5.13E-04	5.54E-04	8.77E-04	1.78E-07	5.36E-07	3.10E-07	3.35E-07	3.04E-07	1.39E-07	2.20E-07	5.93E-09	1.43E-07	3.16E-08	4.55E-08	7.22E-08	1.27E-08	1.15E-07	4.26E-07
5313	497863.09	3865877.25	5.06E-04	5.46E-04	8.65E-04	1.75E-07	5.29E-07	3.06E-07	3.30E-07	3.00E-07	1.37E-07	2.16E-07	5.85E-09	1.41E-07	3.12E-08	4.49E-08	7.12E-08	1.25E-08	1.14E-07	4.21E-07
5314	498363.09	3865877.25	5.00E-04	5.40E-04	8.55E-04	1.73E-07	5.23E-07	3.03E-07	3.27E-07	2.96E-07	1.35E-07	2.14E-07	5.78E-09	1.40E-07	3.08E-08	4.43E-08	7.04E-08	1.24E-08	1.12E-07	4.16E-07
5315	471363.09	3866377.25	2.86E-04	3.08E-04	4.85E-04	9.89E-08	2.99E-07	1.73E-07	1.86E-07	1.69E-07	7.71E-08	1.21E-07	3.30E-09	7.98E-08	1.76E-08	2.53E-08	4.02E-08	7.08E-09	6.37E-08	2.37E-07
5316	471863.09	3866377.25	2.91E-04	3.14E-04	4.94E-04	1.01E-07	3.05E-07	1.76E-07	1.90E-07	1.72E-07	7.86E-08	1.24E-07	3.37E-09	8.14E-08	1.80E-08	2.58E-08	4.09E-08	7.21E-09	6.49E-08	2.41E-07
5317	472363.09	3866377.25	2.97E-04	3.20E-04	5.03E-04	1.03E-07	3.10E-07	1.80E-07	1.94E-07	1.76E-07	8.01E-08	1.26E-07	3.43E-09	8.29E-08	1.83E-08	2.63E-08	4.17E-08	7.35E-09	6.61E-08	2.46E-07
5318	472863.09	3866377.25	3.03E-04	3.26E-04	5.12E-04	1.05E-07	3.16E-07	1.83E-07	1.97E-07	1.79E-07	8.16E-08	1.28E-07	3.50E-09	8.45E-08	1.86E-08	2.68E-08	4.25E-08	7.49E-09	6.73E-08	2.51E-07
5319	473363.09	3866377.25	3.11E-04	3.35E-04	5.26E-04	1.08E-07	3.25E-07	1.88E-07	2.03E-07	1.84E-07	8.38E-08	1.32E-07	3.59E-09	8.67E-08	1.91E-08	2.75E-08	4.36E-08	7.69E-09	6.91E-08	2.57E-07
5320	473863.09	3866377.25	3.19E-04	3.44E-04	5.40E-04	1.11E-07	3.34E-07	1.93E-07	2.08E-07	1.89E-07	8.61E-08	1.35E-07	3.69E-09	8.92E-08	1.97E-08	2.83E-08	4.48E-08	7.90E-09	7.09E-08	2.64E-07
5321	474363.09	3866377.25	3.29E-04	3.55E-04	5.57E-04	1.14E-07	3.44E-07	1.99E-07	2.15E-07	1.95E-07	8.88E-08	1.39E-07	3.81E-09	9.19E-08	2.03E-08	2.91E-08	4.62E-08	8.15E-09	7.31E-08	2.73E-07
5322	474863.09	3866377.25	3.41E-04	3.67E-04	5.76E-04	1.18E-07	3.56E-07	2.06E-07	2.22E-07	2.01E-07	9.18E-08	1.44E-07	3.94E-09	9.51E-08	2.10E-08	3.01E-08	4.78E-08	8.43E-09	7.56E-08	2.82E-07
5323	475363.09	3866377.25	3.52E-04	3.79E-04	5.95E-04	1.22E-07	3.68E-07	2.13E-07	2.30E-07	2.08E-07	9.50E-08	1.49E-07	4.07E-09	9.83E-08	2.17E-08	3.12E-08	4.94E-08	8.71E-09	7.82E-08	2.92E-07
5324	475863.09	3866377.25	3.65E-04	3.93E-04	6.17E-04	1.26E-07	3.81E-07	2.21E-07	2.38E-07	2.16E-07	9.84E-08	1.54E-07	4.22E-09	1.02E-07	2.25E-08	3.23E-08	5.12E-08	9.03E-09	8.10E-08	3.02E-07
5325	476363.09	3866377.25	3.83E-04	4.13E-04	6.49E-04	1.33E-07	4.01E-07	2.32E-07	2.50E-07	2.27E-07	1.03E-07	1.62E-07	4.43E-09	1.07E-07	2.36E-08	3.39E-08	5.38E-08	9.49E-09	8.53E-08	3.18E-07
5326	476863.09	3866377.25	3.84E-04	4.14E-04	6.52E-04	1.33E-07	4.01E-07	2.32E-07	2.51E-07	2.27E-07	1.04E-07	1.63E-07	4.44E-09	1.07E-07	2.37E-08	3.40E-08	5.40E-08	9.51E-09	8.57E-08	3.19E-07
5327	477363.09	3866377.25	4.09E-04	4.41E-04	6.94E-04	1.42E-07	4.28E-07	2.48E-07	2.67E-07	2.42E-07	1.10E-07	1.74E-07	4.73E-09	1.14E-07	2.52E-08	3.62E-08	5.75E-08	1.01E-08	9.11E-08	3.39E-07
5328	477863.09	3866377.25	4.22E-04	4.55E-04	7.14E-04	1.46E-07	4.41E-07	2.55E-07	2.75E-07	2.50E-07	1.14E-07	1.79E-07	4.88E-09	1.18E-07	2.60E-08	3.74E-08	5.93E-08	1.04E-08	9.38E-08	3.50E-07
5329	478363.09	3866377.25	4.30E-04	4.63E-04	7.27E-04	1.49E-07	4.49E-07	2.60E-07	2.80E-07	2.54E-07	1.16E-07	1.82E-07	4.97E-09	1.20E-07	2.65E-08	3.80E-08	6.03E-08	1.06E-08	9.54E-08	3.56E-07
5330	478863.09	3866377.25	4.40E-04	4.74E-04	7.43E-04	1.52E-07	4.60E-07	2.66E-07	2.87E-07	2.60E-07	1.19E-07	1.86E-07	5.08E-09	1.23E-07	2.71E-08	3.89E-08	6.17E-08	1.09E-08	9.76E-08	3.64E-07
5331	479363.09	3866377.25	4.51E-04	4.86E-04	7.62E-04	1.56E-07	4.71E-07	2.73E-07	2.94E-07	2.67E-07	1.22E-07	1.91E-07	5.21E-09	1.26E-07	2.78E-08	3.99E-08	6.33E-08	1.12E-08	1.00E-07	3.73E-07
5332	479863.09	3866377.25	4.64E-04	5.00E-04	7.85E-04	1.61E-07	4.85E-07	2.81E-07	3.03E-07	2.74E-07	1.25E-07	1.96E-07	5.36E-09	1.30E-07	2.86E-08	4.11E-08	6.52E-08	1.15E-08	1.03E-07	3.84E-07
5333	480363.09	3866377.25	4.76E-04	5.13E-04	8.04E-04	1.65E-07	4.97E-07	2.88E-07	3.10E-07	2.81E-07	1.28E-07	2.01E-07	5.50E-09	1.33E-07	2.93E-08	4.21E-08	6.68E-08	1.18E-08	1.06E-07	3.94E-07
5334	480863.09	3866377.25	4.83E-04	5.21E-04	8.17E-04	1.67E-07	5.05E-07	2.92E-07	3.15E-07	2.86E-07	1.30E-07	2.04E-07	5.59E-09	1.35E-07	2.98E-08	4.28E-08	6.79E-08	1.20E-08	1.07E-07	4.00E-07
5335	481363.09	3866377.25	4.90E-04	5.28E-04	8.28E-04	1.70E-07	5.12E-07	2.96E-07	3.19E-07	2.90E-07	1.32E-07	2.07E-07	5.66E-09	1.37E-07	3.02E-08	4.34E-08	6.88E-08	1.21E-08	1.09E-07	4.06E-07
5336	481863.09	3866377.25	4.94E-04	5.32E-04	8.34E-04	1.71E-07	5.16E-07	2.99E-07	3.22E-07	2.92E-07	1.33E-07	2.09E-07	5.71E-09	1.38E-07	3.04E-08	4.37E-08	6.93E-08	1.22E-08	1.09E-07	4.09E-07
5337	482363.09	3866377.25	4.97E-04	5.36E-04	8.39E-04	1.72E-07	5.20E-07	3.01E-07	3.24E-07	2.94E-07	1.34E-07	2.10E-07	5.75E-09	1.39E-07	3.06E-08	4.40E-08	6.98E-08	1.23E-08	1.10E-07	4.11E-07
5338	482863.09	3866377.25	5.00E-04	5.39E-04	8.43E-04	1.73E-07	5.23E-07	3.03E-07	3.26E-07	2.96E-07	1.35E-07	2.11E-07	5.78E-09	1.40E-07	3.08E-08	4.43E-08	7.02E-08	1.24E-08	1.11E-07	4.14E-07
5339	483363.09	3866377.25	5.00E-04	5.38E-04	8.41E-04	1.73E-07	5.22E-07	3.02E-07	3.26E-07	2.95E-07	1.35E-07	2.10E-07	5.78E-09	1.39E-07	3.08E-08	4.42E-08	7.01E-08	1.24E-08	1.10E-07	4.13E-07
5340	483863.09	3866377.25	4.97E-04	5.35E-04	8.34E-04	1.72E-07	5.19E-07	3.00E-07	3.23E-07	2.93E-07	1.34E-07	2.09E-07	5.74E-09	1.39E-07	3.06E-08	4.39E-08	6.97E-08	1.23E-08	1.10E-07	4.10E-07
5341	484363.09	3866377.25	4.91E-04	5.29E-04	8.24E-04	1.70E-07	5.14E-07	2.97E-07	3.20E-07	2.90E-07	1.32E-07	2.06E-07	5.68E-09	1.37E-07	3.03E-08	4.35E-08	6.89E-08	1.21E-08	1.08E-07	4.06E-07
5342	484863.09	3866377.25	4.87E-04	5.24E-04	8.16E-04	1.69E-07	5.09E-07	2.95E-07	3.17E-07	2.88E-07	1.31E-07	2.04E-07	5.63E-09	1.36E-07	3.00E-08	4.31E-08	6.83E-08	1.20E-08	1.07E-07	4.02E-07
5343	485363.09	3866377.25	4.81E-04	5.18E-04	8.06E-04	1.67E-07	5.03E-07	2.91E-07	3.14E-07	2.84E-07	1.30E-07	2.02E-07	5.56E-09	1.34E-07	2.97E-08	4.26E-08	6.75E-08	1.19E-08	1.06E-07	3.98E-07
5344	485863.09	3866377.25	4.77E-04	5.13E-04	7.98E-04	1.65E-07	4.98E-07	2.88E-07	3.11E-07	2.81E-07	1.28E-07	2.00E-07	5.51E-09	1.33E-07	2.94E-08	4.22E-08	6.69E-08	1.18E-08	1.05E-07	3.94E-07
5345	486363.09	3866377.25	4.74E-04	5.10E-04	7.94E-04	1.64E-07	4.96E-07	2.87E-07	3.09E-07	2.80E-07	1.28E-07	1.99E-07	5.48E-09	1.32E-07	2.92E-08	4.19E-08	6.65E-08	1.17E-08	1.04E-07	3.92E-07
5346	486863.09	3866377.25	4.74E-04	5.10E-04	7.93E-04	1.64E-07	4.95E-07	2.87E-07	3.09E-07	2.80E-07	1.28E-07	1.98E-07	5.48E-09	1.32E-07	2.92E-08	4.19E-08	6.65E-08	1.17E-08	1.04E-07	3.91E-07
5347	487363.09	3866377.25	4.81E-04	5.18E-04	8.06E-04	1.67E-07	5.03E-07	2.91E-07	3.13E-07	2.84E-07	1.30E-07	2.02E-07	5.56E-09	1.34E-07	2.96E-08	4.25E-08	6.75E-08	1.19E-08	1.06E-07	3.97E-07
5348	487863.09	3866377.25	4.85E-04	5.22E-04	8.13E-04	1.68E-07	5.07E-07	2.93E-07	3.16E-07	2.86E-07	1.31E-07	2.03E-07	5.61E-09	1.35E-07	2.99E-08	4.29E-08	6.80E-08	1.20E-08	1.07E-07	4.01E-07

5349	488363.09	3866377.25	4.85E-04	5.22E-04	8.14E-04	1.68E-07	5.07E-07	2.93E-07	3.16E-07	2.86E-07	1.31E-07	2.04E-07	5.61E-09	1.35E-07	2.99E-08	4.29E-08	6.81E-08	1.20E-08	1.07E-07	4.01E-07
5350	488863.09	3866377.25	4.87E-04	5.25E-04	8.21E-04	1.69E-07	5.09E-07	2.95E-07	3.18E-07	2.88E-07	1.31E-07	2.05E-07	5.63E-09	1.36E-07	3.00E-08	4.31E-08	6.84E-08	1.21E-08	1.08E-07	4.03E-07
5351	489363.09	3866377.25	4.86E-04	5.24E-04	8.21E-04	1.68E-07	5.08E-07	2.94E-07	3.17E-07	2.87E-07	1.31E-07	2.05E-07	5.62E-09	1.36E-07	3.00E-08	4.30E-08	6.83E-08	1.20E-08	1.08E-07	4.02E-07
5352	489863.09	3866377.25	4.75E-04	5.12E-04	8.04E-04	1.65E-07	4.97E-07	2.88E-07	3.10E-07	2.81E-07	1.28E-07	2.01E-07	5.49E-09	1.33E-07	2.93E-08	4.21E-08	6.68E-08	1.18E-08	1.06E-07	3.94E-07
5353	490363.09	3866377.25	4.85E-04	5.22E-04	8.19E-04	1.68E-07	5.07E-07	2.93E-07	3.16E-07	2.86E-07	1.31E-07	2.05E-07	5.60E-09	1.35E-07	2.99E-08	4.29E-08	6.81E-08	1.20E-08	1.08E-07	4.01E-07
5354	490863.09	3866377.25	4.86E-04	5.24E-04	8.22E-04	1.68E-07	5.08E-07	2.94E-07	3.17E-07	2.87E-07	1.31E-07	2.06E-07	5.62E-09	1.36E-07	2.99E-08	4.30E-08	6.83E-08	1.20E-08	1.08E-07	4.03E-07
5355	491363.09	3866377.25	4.93E-04	5.31E-04	8.36E-04	1.71E-07	5.15E-07	2.98E-07	3.21E-07	2.91E-07	1.33E-07	2.09E-07	5.70E-09	1.38E-07	3.04E-08	4.36E-08	6.92E-08	1.22E-08	1.10E-07	4.08E-07
5356	491863.09	3866377.25	4.67E-04	5.03E-04	7.95E-04	1.62E-07	4.88E-07	2.82E-07	3.05E-07	2.76E-07	1.26E-07	1.99E-07	5.40E-09	1.30E-07	2.88E-08	4.14E-08	6.56E-08	1.16E-08	1.04E-07	3.87E-07
5357	492363.09	3866377.25	4.70E-04	5.07E-04	8.02E-04	1.63E-07	4.92E-07	2.85E-07	3.07E-07	2.78E-07	1.27E-07	2.01E-07	5.44E-09	1.31E-07	2.90E-08	4.17E-08	6.61E-08	1.17E-08	1.05E-07	3.90E-07
5358	492863.09	3866377.25	4.36E-04	4.70E-04	7.45E-04	1.51E-07	4.56E-07	2.64E-07	2.85E-07	2.58E-07	1.18E-07	1.86E-07	5.04E-09	1.22E-07	2.69E-08	3.86E-08	6.13E-08	1.08E-08	9.78E-08	3.62E-07
5359	493363.09	3866377.25	4.58E-04	4.94E-04	7.81E-04	1.58E-07	4.78E-07	2.77E-07	2.99E-07	2.71E-07	1.24E-07	1.95E-07	5.29E-09	1.28E-07	2.82E-08	4.06E-08	6.44E-08	1.13E-08	1.03E-07	3.80E-07
5360	493863.09	3866377.25	4.79E-04	5.17E-04	8.18E-04	1.66E-07	5.01E-07	2.90E-07	3.13E-07	2.83E-07	1.29E-07	2.05E-07	5.54E-09	1.34E-07	2.95E-08	4.25E-08	6.73E-08	1.19E-08	1.07E-07	3.98E-07
5361	494363.09	3866377.25	4.88E-04	5.26E-04	8.31E-04	1.69E-07	5.10E-07	2.95E-07	3.18E-07	2.88E-07	1.32E-07	2.08E-07	5.64E-09	1.36E-07	3.00E-08	4.32E-08	6.85E-08	1.21E-08	1.09E-07	4.05E-07
5362	494863.09	3866377.25	4.78E-04	5.16E-04	8.16E-04	1.66E-07	5.00E-07	2.89E-07	3.12E-07	2.83E-07	1.29E-07	2.04E-07	5.53E-09	1.34E-07	2.95E-08	4.24E-08	6.73E-08	1.19E-08	1.07E-07	3.97E-07
5363	495363.09	3866377.25	4.96E-04	5.35E-04	8.47E-04	1.72E-07	5.19E-07	3.00E-07	3.24E-07	2.94E-07	1.34E-07	2.12E-07	5.74E-09	1.39E-07	3.06E-08	4.40E-08	6.98E-08	1.23E-08	1.11E-07	4.12E-07
5364	495863.09	3866377.25	5.23E-04	5.64E-04	8.94E-04	1.81E-07	5.46E-07	3.16E-07	3.41E-07	3.09E-07	1.41E-07	2.24E-07	6.04E-09	1.46E-07	3.22E-08	4.63E-08	7.35E-08	1.30E-08	1.17E-07	4.34E-07
5365	496363.09	3866377.25	5.28E-04	5.70E-04	9.04E-04	1.83E-07	5.52E-07	3.19E-07	3.45E-07	3.13E-07	1.43E-07	2.26E-07	6.10E-09	1.47E-07	3.25E-08	4.68E-08	7.43E-08	1.31E-08	1.19E-07	4.39E-07
5366	496863.09	3866377.25	5.08E-04	5.48E-04	8.70E-04	1.76E-07	5.31E-07	3.07E-07	3.32E-07	3.01E-07	1.37E-07	2.18E-07	5.87E-09	1.42E-07	3.13E-08	4.50E-08	7.14E-08	1.26E-08	1.14E-07	4.22E-07
5367	497363.09	3866377.25	4.84E-04	5.22E-04	8.29E-04	1.68E-07	5.06E-07	2.93E-07	3.16E-07	2.87E-07	1.31E-07	2.07E-07	5.60E-09	1.35E-07	2.98E-08	4.29E-08	6.81E-08	1.20E-08	1.09E-07	4.02E-07
5368	497863.09	3866377.25	4.62E-04	4.99E-04	7.91E-04	1.60E-07	4.83E-07	2.80E-07	3.02E-07	2.74E-07	1.25E-07	1.98E-07	5.34E-09	1.29E-07	2.85E-08	4.10E-08	6.50E-08	1.15E-08	1.04E-07	3.84E-07
5369	498363.09	3866377.25	4.17E-04	4.50E-04	7.14E-04	1.45E-07	4.36E-07	2.53E-07	2.73E-07	2.47E-07	1.13E-07	1.79E-07	4.83E-09	1.17E-07	2.57E-08	3.70E-08	5.87E-08	1.03E-08	9.38E-08	3.47E-07
5370	474494.92	3848334.16	2.85E-04	3.07E-04	4.85E-04	9.86E-08	2.98E-07	1.72E-07	1.86E-07	1.69E-07	7.69E-08	1.21E-07	3.29E-09	7.96E-08	1.76E-08	2.52E-08	4.00E-08	7.06E-09	6.36E-08	2.36E-07
5371	475167.27	3848920.79	3.25E-04	3.51E-04	5.54E-04	1.13E-07	3.40E-07	1.97E-07	2.12E-07	1.92E-07	8.78E-08	1.39E-07	3.76E-09	9.08E-08	2.00E-08	2.88E-08	4.57E-08	8.06E-09	7.27E-08	2.70E-07
5372	475297.89	3848997.96	3.31E-04	3.57E-04	5.63E-04	1.15E-07	3.46E-07	2.00E-07	2.16E-07	1.96E-07	8.93E-08	1.41E-07	3.82E-09	9.24E-08	2.04E-08	2.93E-08	4.65E-08	8.20E-09	7.39E-08	2.75E-07
5373	475439.05	3849062	3.27E-04	3.53E-04	5.57E-04	1.13E-07	3.42E-07	1.98E-07	2.13E-07	1.94E-07	8.83E-08	1.39E-07	3.78E-09	9.14E-08	2.02E-08	2.90E-08	4.60E-08	8.10E-09	7.31E-08	2.72E-07
5374	475486.86	3849061.09	3.24E-04	3.49E-04	5.52E-04	1.12E-07	3.39E-07	1.96E-07	2.11E-07	1.92E-07	8.75E-08	1.38E-07	3.75E-09	9.05E-08	2.00E-08	2.87E-08	4.55E-08	8.03E-09	7.25E-08	2.69E-07
5375	475538.46	3849075.56	3.26E-04	3.52E-04	5.55E-04	1.13E-07	3.41E-07	1.97E-07	2.13E-07	1.93E-07	8.80E-08	1.39E-07	3.77E-09	9.10E-08	2.01E-08	2.89E-08	4.58E-08	8.08E-09	7.29E-08	2.71E-07
5376	475751.79	3849137.15	3.41E-04	3.67E-04	5.79E-04	1.18E-07	3.56E-07	2.06E-07	2.22E-07	2.02E-07	9.20E-08	1.45E-07	3.94E-09	9.52E-08	2.10E-08	3.02E-08	4.79E-08	8.44E-09	7.61E-08	2.83E-07
5377	476303.62	3849223.38	3.47E-04	3.74E-04	5.89E-04	1.20E-07	3.63E-07	2.10E-07	2.27E-07	2.05E-07	9.37E-08	1.48E-07	4.01E-09	9.70E-08	2.14E-08	3.08E-08	4.88E-08	8.60E-09	7.74E-08	2.88E-07
5378	476304.51	3849238.92	3.50E-04	3.77E-04	5.94E-04	1.21E-07	3.66E-07	2.12E-07	2.28E-07	2.07E-07	9.44E-08	1.49E-07	4.04E-09	9.77E-08	2.16E-08	3.10E-08	4.91E-08	8.66E-09	7.80E-08	2.90E-07
5379	476365.04	3849247.98	3.50E-04	3.77E-04	5.93E-04	1.21E-07	3.65E-07	2.11E-07	2.28E-07	2.07E-07	9.43E-08	1.48E-07	4.04E-09	9.76E-08	2.15E-08	3.10E-08	4.91E-08	8.65E-09	7.79E-08	2.90E-07
5380	476444.86	3849267.13	3.48E-04	3.75E-04	5.90E-04	1.20E-07	3.64E-07	2.10E-07	2.27E-07	2.06E-07	9.38E-08	1.48E-07	4.02E-09	9.71E-08	2.14E-08	3.08E-08	4.89E-08	8.61E-09	7.75E-08	2.88E-07
5381	476550.75	3849300.66	3.52E-04	3.79E-04	5.97E-04	1.22E-07	3.68E-07	2.13E-07	2.29E-07	2.08E-07	9.49E-08	1.49E-07	4.06E-09	9.82E-08	2.17E-08	3.11E-08	4.94E-08	8.71E-09	7.84E-08	2.92E-07
5382	476656.71	3849346.88	3.55E-04	3.83E-04	6.03E-04	1.23E-07	3.71E-07	2.15E-07	2.32E-07	2.10E-07	9.59E-08	1.51E-07	4.11E-09	9.92E-08	2.19E-08	3.15E-08	4.99E-08	8.80E-09	7.92E-08	2.95E-07
5383	476873.55	3849454.53	3.67E-04	3.96E-04	6.22E-04	1.27E-07	3.84E-07	2.22E-07	2.39E-07	2.17E-07	9.90E-08	1.56E-07	4.24E-09	1.02E-07	2.26E-08	3.25E-08	5.15E-08	9.09E-09	8.17E-08	3.04E-07
5384	477700	3849859.7	4.29E-04	4.62E-04	7.25E-04	1.49E-07	4.48E-07	2.60E-07	2.80E-07	2.54E-07	1.16E-07	1.81E-07	4.96E-09	1.20E-07	2.64E-08	3.80E-08	6.02E-08	1.06E-08	9.52E-08	3.55E-07
5385	477743.16	3849856.38	4.28E-04	4.62E-04	7.24E-04	1.48E-07	4.48E-07	2.59E-07	2.79E-07	2.53E-07	1.16E-07	1.81E-07	4.95E-09	1.20E-07	2.64E-08	3.79E-08	6.02E-08	1.06E-08	9.51E-08	3.55E-07
5386	478477.35	3850216.33	5.34E-04	5.76E-04	9.05E-04	1.85E-07	5.58E-07	3.23E-07	3.48E-07	3.16E-07	1.44E-07	2.27E-07	6.17E-09	1.49E-07	3.29E-08	4.73E-08	7.50E-08	1.32E-08	1.19E-07	4.43E-07
5387	478485.8	3850201.6	5.39E-04	5.81E-04	9.15E-04	1.87E-07	5.63E-07	3.26E-07	3.52E-07	3.19E-07	1.45E-07	2.29E-07	6.23E-09	1.51E-07	3.32E-08	4.77E-08	7.57E-08	1.33E-08	1.20E-07	4.47E-07
5388	479113.21	3850501.53	7.29E-04	7.86E-04	1.24E-03	2.52E-07	7.62E-07	4.41E-07	4.76E-07	4.31E-07	1.97E-07	3.10E-07	8.43E-09	2.04E-07	4.49E-08	6.46E-08	1.02E-07	1.81E-08	1.63E-07	6.05E-07
5389	479108.11	3850382.28	7.40E-04	7.98E-04	1.26E-03	2.56E-07	7.74E-07	4.48E-07	4.83E-07	4.38E-07	2.00E-07	3.16E-07	8.56E-09	2.07E-07	4.56E-08	6.56E-08	1.04E-07	1.83E-08	1.66E-07	6.15E-07
5390	479689.85	3850674.28	8.63E-04	9.31E-04	1.47E-03	2.99E-07	9.02E-07	5.22E-07	5.63E-07	5.11E-07	2.33E-07	3.69E-07	9.98E-09	2.41E-07	5.32E-08	7.65E-08	1.21E-07	2.14E-08	1.94E-07	7.17E-07
5391	479952.42	3850774.28	8.98E-04	9.69E-04	1.53E-03	3.11E-07	9.38E-07	5.43E-07	5.86E-07	5.31E-07	2.42E-07	3.84E-07	1.04E-08	2.51E-07	5.53E-08	7.96E-08	1.26E-07	2.22E-08	2.01E-07	7.46E-07
5392	479911.32	3850884.85	9.32E-04	1.01E-03	1.59E-03	3.22E-07	9.74E-07	5.64E-07	6.08E-07	5.51E-07	2.52E-07	3.98E-07	1.08E-08	2.60E-07	5.74E-08	8.26E-08	1.31E-07	2.31E-08	2.09E-07	7.74E-07
5393	480500.92	3851178.12	1.04E-03	1.12E-03	1.76E-03	3.59E-07	1.08E-06	6.27E-07	6.76E-07	6.13E-07	2.80E-07	4.41E-07	1.20E-08	2.89E-07	6.38E-08	9.18E-08	1.46E-07	2.57E-08	2.31E-07	8.59E-07
5394	480738.01	3851289.27	1.06E-03	1.15E-03	1.80E-03	3.68E-07	1.11E-06	6.43E-07	6.93E-07	6.28E-07	2.87E-07	4.51E-07	1.23E-08	2.97E-07	6.55E-08	9.41E-08	1.49E-07	2.63E-08	2.37E-07	8.81E-07
5395	481055.42	3851443.58	1.10E-03	1.18E-03	1.86E-03	3.80E-07	1.15E-06	6.65E-07	7.17E-07	6.50E-07	2.96E-07	4.65E-07	1.27E-08	3.07E-07	6.77E-08	9.73E-08	1.54E-07	2.72E-08	2.44E-07	9.10E-07
5396	481110.22	3851443.15	1.09E-03	1.17E-03	1.84E-03	3.77E-07	1.14E-06	6.58E-07	7.09E-07	6.43E-07	2.93E-07	4.60E-07	1.26E-08	3.04E-07	6.70E-08	9.63E-08	1.53E-07	2.69E-08	2.42E-07	9.01E-07
5397	481111.1	3851417.45	1.07E-03	1.15E-03	1.81E-03	3.71E-07	1.12E-06	6.48E-07	6.98E-07	6.33E-07	2.89E-07	4.53E-07	1.24E-08	2.99E-07	6.60E-08	9.48E-08	1.50E-07	2.65E-08	2.38E-07	8.87E-07
5398	482248.44	3852605.09	1.85E-03	1.99E-03	3.11E-03	6.41E-07	1.94E-06	1.12E-06	1.21E-06	1.09E-06	4.99E-07	7.78E-07	2.14E-08	5.17E-07	1.14E-07	1.64E-07	2.60E-07	4.58E-08	4.08E-07	1.53E-06
5399	482273.34	3852632.31	1.88E-03	2.02E-03	3.15E-03	6.51E-07	1.97E-06	1.14E-06	1.22E-06	1.11E-06	5.07E-07	7.90E-07	2.17E-08	5.25E-07	1.16E-07	1.66E-07	2.64E-07	4.65E-08	4.14E-07	1.55E-06
5400	482665.46	3853038.72	2.51E-03	2.70E-03	4.18E-03	8.68E-07	2.62E-06	1.52E-06	1.63E-06	1.48E-06	6.75E-07	1.05E-06	2.90E-08	7.00E-07	1.54E-07	2.22E-07	3.52E-07	6.19E-08	5.49E-07	2.07E-06
5401	483077.95	3853844.31	1.72E-02	1.86E-02	2.93E-02	5.97E-06	1.80E-05	1.04E-05	1.13E-05	1.02E-05	4.65E-06	7.34E-06	1.99E-07	4.81E-06	1.06E-06	1.53E-06	2.42E-06	4.27E-07	3.85E-06	1.43E-05
5402	483121.38	3853909.38	1.88E-02	2.04E-02	3.32E-02	6.52E-06	1.97E-05	1.14E-05	1.23E-05	1.12E-05	5.10E-06	8.31E-06	2.18E-07	5.26E-06	1.16E-06	1.68E-06	2.66E-06	4.68E-07	4.36E-06	1.58E-05
5403	483492.64	3853911.49	1.11E-02	1.20E-02	1.95E-02	3.84E-06	1.16E-05	6.71E-06	7.27E-06	6.59E-06	3.01E-06	4.89E-06	1.28E-07	3.10E-06	6.84E-07	9.87E-07	1.57E-06	2.76E-07	2.57E-06	9.31E-06
5404	483498.29	3854204.73	2.03E-02	2.21E-02	3.76E-02	7.03E-06	2.12E-05	1.23E-05	1.34E-05	1.21E-05	5.54E-06	9.40E-06	2.35E-07	5.67E-06	1.25E-06	1.82E-06	2.88E-06	5.08E-07	4.93E-06	1.73E-05
5405	484132.44	3854662.55	1.96E-02	2.12E-02	3.36E-02	6.80E-06	2.05E-05	1.19E-05	1.28E-05	1.16E-05	5.30E-06	8.42E-06	2.27E-07	5.48E-06	1.21E-06	1.74E-06	2.76E-06	4.87E-07	4.42E-06	1.63E-05
5406	484627.62	3854876.13	2.32E-02	2.50E-02	3.89E-02	8.04E-06	2.43E-05	1.40E-05	1.51E-05	1.37E-05	6.25E-06	9.74E-06	2.68E-07	6.48E-06	1.43E-06	2.05E-06	3.26E-06	5.74E-07	5.11E-06	1.92E-05
5407	484756.14	3854949.04	2.49E-02	2.68E-02	4.17E-02	8.61E-06	2.60E-05	1.51E-05	1.62E-05	1.47E-05	6.70E-06	1.04E-05	2.88E-07	6.95E-06	1.53E-06	2.20E-06	3.49E-06	6.15E-07	5.47E-06	2.05E-05
5408	486697.51	3856599.17	3.94E-02	4.26E-02	6.82E-02	1.36E-05	4.12E-05	2.39E-05	2.58E-05	2.34E-05	1.07E-05	1.71E-05	4.56E-07	1.10E-05	2.43E-06	3.50E-06	5.55E-06	9.79E-07	8.95E-06	3.29E-05
5409	487105.31	3856962.27	4.64E-02	5.01E-02	8.03E-02	1.60E-05	4.85E-05	2.80E-05	3.03E-05	2.75E-05	1.25E-05	2.01E-05	5.36E-07	1.29E-05	2.86E-06	4.12E-06	6.53E-06	1.15E-06	1.06E-05	3.87E-05
5410	487157.57	3856901.7	4.22E-02	4.56E-02	7.31E-02	1.46E-05	4.41E-05	2.55E-05	2.76E-05	2.50E-05	1.14E-05	1.83E-05	4.88E-07	1.18E-05	2.60E-06	3.75E-06	5.95E-06	1.05E-06	9.60E-06	3.52E-05
5411	487173.5	3856853.74	4.00E-02	4.32E-02	6.92E-02	1.38E-05	4.18E-05	2.42E-05	2.62E-05	2.37E-05	1.08E-05	1.73E-05	4.62E-07	1.12E-05	2.46E-06	3.55E-06	5.63E-06	9.93E-07	9.09E-06	3.34E-05
5412	487564.41	3856860.83	3.29E-02	3.56E-02	5.69E-02	1.14E-05	3.44E-05	1.99E-05	2.15E-05	1.95E-05	8.90E-06	1.42E-05	3.81E-07	9.19E-06	2.03E-06	2.92E-06	4.64E-06	8.17E-07	7.48E-06	2.75E-05
5413	487563.31	3856931.58	3.47E-02	3.75E-02	6.01E-02	1.20E-05	3.63E-05	2.10E-05	2.27E-05	2.06E-05	9.39E-06	1.50E-05	4.01E-07	9.69E-06	2.14E-06	3.08E-06	4.89E-06	8.62E-07	7.89E-06	2.90E-05
5414	487782.7	3856926.85	3.12E-02	3.37E-02	5.40E-02	1.08E-05	3.26E-05	1.89E-05	2.04E-05	1.85E-05	8.45E-06	1.35E-05	3.61E-07	8.72E-06	1.92E-06	2.77E-06	4.40E-06	7.75E-07	7.10E-06	2.60E-05
5415	487782.39	3856757.07	2.80E-02	3.03E-02	4.84E-02	9.69E-06	2.93E-05	1.69E-05	1.83E-05	1.66E-05	7.57E-06	1.21E-05	3.24E-07	7.82E-06	1.73E-06	2.49E-06	3.94E-06	6.95E-07	6.35E-06	2.33E-05
5416	487917.26	3856752.41	2.66E-02	2.88E-02	4.60E-02	9.21E-06	2.78E-05	1.61E-05	1.74E-05	1.58E-05	7.20E-06	1.15E-05	3.08E-07	7.43E-06	1.64E-06	2.36E-06	3.75E-06	6.60E-07	6.04E-06	2.22E-05
5417	487919.57	3856953.35	2.99E-02	3.23E-02	5.18E-02	1.04E-05	3.13E-05	1.81E-05	1.96E-05	1.77E-05	8.09E-06	1.30E-05	3.46E-07	8.35E-06	1.84E-06	2.66E-06	4.21E-06	7.43E-07	6.80E-06	2.50E-05
5418	487932.76	3857000.32	3.05E-02	3.30E-02	5.28E-02	1.06E-05	3.19E-05	1.85E-05	2.00E-05	1.81E-05	8.26E-06	1.32E-05	3.53E-07	8.52E-06	1.88E-06	2.71E-06	4.30E-06	7.58E-07	6.94E-06	2.55E-05
5419	487960.5	3857044.75	3.09E-02	3.34E-02	5.35E-02	1.07E-05	3.23E-05	1.87E-05	2.02E-05	1.83E-05	8.36E-06	1.34E-05	3.57E-07	8.63E-06	1.90E-06	2.74E-06	4.35E-06	7.67E-07	7.03E-06	2.58E-05
5420	488016.54	3857089.54	3.09E-02	3.34E-02	5.35E-02	1.07E-05	3.23E-05	1.87E-05	2.02E-05	1.83E-05	8.35E-06	1.34E-05	3.57E-07	8.62E-06	1.90E-06	2.74E-06	4.35E-06	7.67E-07	7.03E-06	2.58E-05
5421	488114.39	3857165.47	3.09E-02	3.34E-02	5.36E-02	1.07E-05	3.23E-05	1.87E-05	2.02E-05	1.83E-05	8.36E-06	1.34E-05	3.57E-07	8.63E-06	1.90E-06	2.74E-06	4.35E-06	7.67E-07	7.04E-06	2.58E-05
5422	488171.49	3857234.24	3.11E-02	3.37E-02	5.41E-02	1.08E-05	3.25E-05	1.88E-05	2.04E-05	1.85E-05	8.43E-06	1.35E-05	3.60E-07	8.69E-06	1.92E-06	2.77E-06	4.39E-06	7.73E-07	7.10E-06	2.60E-05
5423	488193.16	3857297.8	3.18E-02	3.44E-02	5.53E-02	1.10E-05	3.33E-05	1.93E-05	2.08E-05	1.89E-05	8.61E-06	1.38E-05	3.68E-07	8.88E-06	1.96E-06	2.83E-06	4.48E-06	7.90E-07	7.27E-06	2.66E-05
5424	488189.27	3857649.94	3.78E-02	4.09E-02	6.59E-02	1.31E-05	3.95E-05	2.29E-05	2.47E-05	2.24E-05	1.02E-05	1.65E-05	4.37E-07	1.06E-05	2.33E-06	3.36E-06	5.33E-06	9.39E-07	8.66E-06	3.16E-05
5425	488127.43	3857732.32	4.13E-02	4.47E-02	7.23E-02	1.43E-05	4.32E-05	2.50E-05	2.71E-05	2.45E-05	1.12E-05	1.81E-05	4.78E-07	1.15E-05	2.55E-06	3.67E-06	5.83E-06	1.03E-06	9.49E-06	3.46E-05
5426	488149.93	3857752.94	4.10E-02	4.44E-02	7.18E-02	1.42E-05	4.29E-05	2.48E-05	2.69E-05	2.44E-05	1.11E-05	1.80E-05	4.74E-07	1.15E-05	2.53E-06	3.65E-06	5.79E-06	1.02E-06	9.43E-06	3.44E-05
5427	488144.76	3857758.71	4.13E-02	4.48E-02	7.24E-02	1.43E-05	4.32E-05	2.50E-05	2.71E-05	2.45E-05	1.12E-05	1.81E-05	4.78E-07	1.15E-05	2.55E-06	3.68E-06	5.83E-06	1.03E-06	9.51E-06	3.46E-05
5428	488335.58	3857932.55	3.79E-02	4.11E-02	6.63E-02	1.31E-05	3.96E-05	2.30E-05	2.48E-05	2.25E-05	1.03E-05	1.66E-05	4.38E-07	1.06E-05	2.34E-06	3.37E-06	5.35E-06	9.43E-07	8.71E-06	3.17E-05
5429	488372.29	3857943.79	3.69E-02	4.00E-02	6.46E-02	1.28E-05	3.86E-05	2.24E-05	2.42E-05	2.19E-05	1.00E-05	1.62E-05	4.27E-07	1.03E-05	2.28E-06	3.28E-06	5.21E-06	9.18E-07	8.48E-06	3.09E-05
5430	488828.64	3857936.4	2.69E-02	2.91E-02	4.69E-02	9.32E-06	2.81E-05	1.63E-05	1.76E-05	1.60E-05	7.29E-06	1.17E-05	3.11E-07	7.52E-06	1.66E-06	2.39E-06	3.79E-06	6.69E-07	6.15E-06	2.25E-05
5431	488829.08	3857959.58	2.70E-02	2.92E-02	4.69E-02	9.34E-06	2.82E-05	1.63E-05	1.76E-05	1.60E-05	7.30E-06	1.17E-05	3.12E-07	7.53E-06	1.66E-06	2.40E-06	3.80E-06	6.70E-07	6.17E-06	2.25E-05
5432	488351.61	3857964.55	3.78E-02	4.09E-02	6.62E-02	1.31E-05	3.95E-05	2.29E-05	2.48E-05	2.25E-05	1.02E-05	1.66E-05	4.37E-07	1.06E-05	2.33E-06	3.36E-06	5.34E-06	9.40E-07	8.69E-06	3.17E-05
5433	488316.87	3857947.65	3.87E-02	4.19E-02	6.78E-02	1.34E-05	4.05E-05	2.34E-05	2.54E-05	2.30E-05	1.05E-05	1.70E-05	4.48E-07	1.08E-05	2.39E-06	3.44E-06	5.46E-06	9.63E-07	8.91E-06	3.24E-05
5434	488129.1	3857775.77	4.23E-02	4.58E-02	7.41E-02	1.46E-05	4.42E-05	2.56E-05	2.77E-05	2.51E-05	1.15E-05	1.85E-05	4.89E-07	1.18E-05	2.60E-06	3.76E-06	5.96E-06	1.05E-06	9.73E-06	3.54E-05
5435	488062.53	3857846.13	4.67E-02	5.06E-02	8.22E-02	1.62E-05	4.88E-05	2.83E-05	3.06E-05	2.77E-05	1.27E-05	2.06E-05	5.40E-07	1.30E-05	2.88E-06	4.16E-06	6.59E-06	1.16E-06	1.08E-05	3.92E-05
5436	488330.41	3858091.34	4.07E-02	4.41E-02	7.15E-02	1.41E-05	4.25E-05	2.46E-05	2.67E-05	2.42E-05	1.10E-05	1.79E-05	4.71E-07	1.14E-05	2.51E-06	3.62E-06	5.74E-06	1.01E-06	9.39E-06	3.41E-05
5437	488470.87	3858174.45	3.62E-02	3.91E-02	6.32E-02	1.25E-05	3.78E-05	2.19E-05	2.37E-05	2.15E-05	9.80E-06	1.58E-05	4.18E-07	1.01E-05	2.23E-06	3.22E-06	5.10E-06	8.99E-07	8.30E-06	3.03E-05
5438	488568.9	3858262.31	3.20E-02	3.46E-02	5.56E-02	1.11E-05	3.35E-05	1.94E-05	2.09E-05	1.90E-05	8.66E-06	1.39E-05	3.70E-07	8.94E-06	1.97E-06	2.84E-06	4.51E-06	7.95E-07	7.30E-06	2.67E-05
5439	488964.27	3858025.71	2.48E-02	2.68E-02	4.32E-02	8.59E-06	2.59E-05	1.50E-05	1.62E-05	1.47E-05	6.72E-06	1.08E-05	2.87E-07	6.93E-06	1.53E-06	2.21E-06	3.50E-06	6.17E-07	5.67E-06	2.07E-05
5440	489147.25	3857956.64	2.26E-02	2.44E-02	3.93E-02	7.81E-06	2.36E-05	1.37E-05	1.48E-05	1.34E-05	6.11E-06	9.83E-06	2.61E-07	6.30E-06	1.39E-06	2.01E-06	3.18E-06	5.61E-07	5.16E-06	1.89E-05
5441	489343.52	3857932.45	2.05E-02	2.22E-02	3.57E-02	7.10E-06	2.14E-05	1.24E-05	1.34E-05	1.22E-05	5.55E-06	8.93E-06	2.37E-07	5.72E-06	1.26E-06	1.82E-06	2.89E-06	5.09E-07	4.69E-06	1.71E-05
5442	489866.19	3857923.19	1.62E-02	1.75E-02	2.82E-02	5.62E-06	1.70E-05	9.82E-06	1.06E-05	9.62E-06	4.39E-06	7.05E-06	1.88E-07	4.53E-06	1.00E-06	1.44E-06	2.29E-06	4.03E-07	3.70E-06	1.35E-05
5443	489955.65	3857902.27	1.57E-02	1.70E-02	2.72E-02	5.43E-06	1.64E-05	9.49E-06	1.03E-05	9.30E-06	4.24E-06	6.82E-06	1.81E-07	4.38E-06	9.66E-07	1.39E-06	2.21E-06	3.90E-07	3.58E-06	1.31E-05
5444	490079.44	3857847.9	1.51E-02	1.63E-02	2.62E-02	5.23E-06	1.58E-05	9.13E-06	9.87E-06	8.95E-06	4.08E-06	6.56E-06	1.74E-07	4.21E-06	9.30E-07	1.34E-06	2.13E-06	3.75E-07	3.44E-06	1.26E-05
5445	490108.49	3857934.13	1.47E-02	1.59E-02	2.55E-02	5.09E-06	1.54E-05	8.89E-06	9.61E-06	8.71E-06	3.98E-06	6.38E-06	1.70E-07	4.10E-06	9.05E-07	1.30E-06	2.07E-06	3.65E-07	3.35E-06	1.23E-05
5446	489884.48	3858014.17	1.58E-02	1.71E-02	2.74E-02	5.47E-06	1.65E-05	9.55E-06	1.03E-05	9.36E-06	4.27E-06	6.86E-06	1.83E-07	4.41E-06	9.73E-07	1.40E-06	2.22E-06	3.92E-07	3.60E-06	1.32E-05
5447	489326.56	3858025.86	2.04E-02	2.20E-02	3.54E-02	7.05E-06	2.13E-05	1.23E-05	1.33E-05	1.21E-05	5.51E-06	8.86E-06	2.35E-07	5.69E-06	1.26E-06	1.81E-06	2.87E-06	5.06E-07	4.65E-06	1.70E-05
5448	489130.38	3858056.71	2.25E-02	2.43E-02	3.92E-02	7.79E-06	2.35E-05	1.36E-05	1.47E-05	1.34E-05	6.09E-06	9.80E-06	2.60E-07	6.28E-06	1.39E-06	2.00E-06	3.17E-06	5.59E-07	5.14E-06	1.88E-05
5449	488936.49	3858143.93	2.48E-02	2.68E-02	4.30E-02	8.57E-06	2.59E-05	1.50E-05	1.62E-05	1.47E-05	6.70E-06	1.08E-05	2.86E-07	6.91E-06	1.53E-06	2.20E-06	3.49E-06	6.15E-07	5.65E-06	2.07E-05
5450	488638.08	3858327.45	2.88E-02	3.11E-02	4.96E-02	9.95E-06	3.01E-05	1.74E-05	1.88E-05	1.70E-05	7.77E-06	1.24E-05	3.32E-07	8.03E-06	1.77E-06	2.55E-06	4.05E-06	7.14E-07	6.52E-06	2.40E-05
5451	488663.79	3858349.57	2.76E-02	2.98E-02	4.74E-02	9.54E-06	2.88E-05	1.67E-05	1.80E-05	1.63E-05	7.45E-06	1.19E-05	3.19E-07	7.70E-06	1.70E-06	2.45E-06	3.88E-06	6.84E-07	6.23E-06	2.30E-05
5452	488694.56	3858349.5	2.68E-02	2.90E-02	4.61E-02	9.28E-06	2.80E-05	1.62E-05	1.75E-05	1.59E-05	7.25E-06	1.15E-05	3.10E-07	7.49E-06	1.65E-06	2.38E-06	3.77E-06	6.65E-07	6.06E-06	2.23E-05
5453	488694.35	3858336.75	2.71E-02	2.93E-02	4.67E-02	9.38E-06	2.83E-05	1.64E-05	1.77E-05	1.61E-05	7.33E-06	1.17E-05	3.13E-07	7.57E-06	1.67E-06	2.41E-06	3.82E-06	6.72E-07	6.13E-06	2.26E-05

5454	488712.81	3858336.38	2.67E-02	2.88E-02	4.60E-02	9.24E-06	2.79E-05	1.61E-05	1.74E-05	1.58E-05	7.21E-06	1.15E-05	3.08E-07	7.45E-06	1.64E-06	2.37E-06	3.76E-06	6.62E-07	6.04E-06	2.22E-05
5455	488713.23	3858367.46	2.59E-02	2.80E-02	4.45E-02	8.98E-06	2.71E-05	1.57E-05	1.69E-05	1.54E-05	7.01E-06	1.11E-05	3.00E-07	7.24E-06	1.60E-06	2.30E-06	3.65E-06	6.43E-07	5.84E-06	2.16E-05
5456	488704.63	3858384.05	2.57E-02	2.77E-02	4.40E-02	8.90E-06	2.69E-05	1.56E-05	1.68E-05	1.52E-05	6.94E-06	1.10E-05	2.97E-07	7.18E-06	1.58E-06	2.28E-06	3.62E-06	6.37E-07	5.77E-06	2.14E-05
5457	488604.15	3858488.29	2.48E-02	2.67E-02	4.10E-02	8.59E-06	2.59E-05	1.50E-05	1.61E-05	1.46E-05	6.67E-06	1.03E-05	2.87E-07	6.93E-06	1.53E-06	2.19E-06	3.48E-06	6.12E-07	5.39E-06	2.04E-05
5458	488605.66	3858550.47	2.31E-02	2.47E-02	3.68E-02	8.00E-06	2.42E-05	1.40E-05	1.50E-05	1.36E-05	6.19E-06	9.21E-06	2.67E-07	6.46E-06	1.42E-06	2.03E-06	3.22E-06	5.68E-07	4.84E-06	1.88E-05
5459	488692.68	3858548.71	2.16E-02	2.31E-02	3.48E-02	7.47E-06	2.26E-05	1.31E-05	1.40E-05	1.27E-05	5.79E-06	8.71E-06	2.49E-07	6.03E-06	1.33E-06	1.90E-06	3.01E-06	5.31E-07	4.57E-06	1.76E-05
5460	488759.93	3858461.81	2.26E-02	2.43E-02	3.79E-02	7.83E-06	2.36E-05	1.37E-05	1.47E-05	1.34E-05	6.09E-06	9.50E-06	2.61E-07	6.31E-06	1.39E-06	2.00E-06	3.17E-06	5.59E-07	4.98E-06	1.87E-05
5461	488816.57	3858541.79	2.00E-02	2.14E-02	3.27E-02	6.91E-06	2.09E-05	1.21E-05	1.30E-05	1.18E-05	5.36E-06	8.17E-06	2.31E-07	5.57E-06	1.23E-06	1.76E-06	2.79E-06	4.92E-07	4.29E-06	1.64E-05
5462	488944.63	3858656.77	1.69E-02	1.80E-02	2.66E-02	5.84E-06	1.76E-05	1.02E-05	1.09E-05	9.89E-06	4.51E-06	6.66E-06	1.95E-07	4.71E-06	1.04E-06	1.48E-06	2.35E-06	4.14E-07	3.50E-06	1.37E-05
5463	489134.91	3858830.7	1.33E-02	1.41E-02	2.03E-02	4.59E-06	1.39E-05	8.03E-06	8.56E-06	7.76E-06	3.54E-06	5.09E-06	1.53E-07	3.71E-06	8.18E-07	1.16E-06	1.84E-06	3.25E-07	2.67E-06	1.07E-05
5464	489193.99	3858886.05	1.17E-02	1.25E-02	1.82E-02	4.05E-06	1.22E-05	7.07E-06	7.55E-06	6.84E-06	3.12E-06	4.55E-06	1.35E-07	3.26E-06	7.20E-07	1.02E-06	1.63E-06	2.86E-07	2.39E-06	9.44E-06
5465	489295.2	3858954.34	9.89E-03	1.06E-02	1.58E-02	3.42E-06	1.03E-05	5.98E-06	6.41E-06	5.81E-06	2.65E-06	3.95E-06	1.14E-07	2.76E-06	6.09E-07	8.70E-07	1.38E-06	2.43E-07	2.08E-06	8.05E-06
5466	489295.64	3858992.74	9.25E-03	9.91E-03	1.49E-02	3.20E-06	9.67E-06	5.60E-06	6.00E-06	5.43E-06	2.48E-06	3.72E-06	1.07E-07	2.58E-06	5.70E-07	8.14E-07	1.29E-06	2.28E-07	1.95E-06	7.54E-06
5467	489183.74	3858911.72	1.12E-02	1.20E-02	1.75E-02	3.89E-06	1.17E-05	6.80E-06	7.25E-06	6.58E-06	3.00E-06	4.38E-06	1.30E-07	3.14E-06	6.92E-07	9.85E-07	1.56E-06	2.75E-07	2.30E-06	9.08E-06
5468	488873.37	3858625.59	1.80E-02	1.92E-02	2.85E-02	6.22E-06	1.88E-05	1.09E-05	1.16E-05	1.05E-05	4.81E-06	7.13E-06	2.08E-07	5.02E-06	1.11E-06	1.58E-06	2.51E-06	4.42E-07	3.74E-06	1.46E-05
5469	488842.84	3858658.69	1.80E-02	1.92E-02	2.79E-02	6.24E-06	1.88E-05	1.09E-05	1.16E-05	1.05E-05	4.81E-06	6.98E-06	2.08E-07	5.03E-06	1.11E-06	1.58E-06	2.51E-06	4.42E-07	3.66E-06	1.45E-05
5470	488856.39	3858670.93	1.78E-02	1.90E-02	2.74E-02	6.16E-06	1.86E-05	1.08E-05	1.15E-05	1.04E-05	4.74E-06	6.86E-06	2.06E-07	4.97E-06	1.10E-06	1.56E-06	2.47E-06	4.35E-07	3.60E-06	1.43E-05
5471	488805.7	3858724.5	1.88E-02	1.99E-02	2.74E-02	6.50E-06	1.96E-05	1.14E-05	1.20E-05	1.09E-05	4.98E-06	6.85E-06	2.17E-07	5.24E-06	1.16E-06	1.63E-06	2.59E-06	4.57E-07	3.59E-06	1.49E-05
5472	488805.87	3858804.16	2.16E-02	2.27E-02	2.88E-02	7.49E-06	2.26E-05	1.31E-05	1.37E-05	1.25E-05	5.68E-06	7.21E-06	2.50E-07	6.04E-06	1.33E-06	1.87E-06	2.96E-06	5.21E-07	3.78E-06	1.67E-05
5473	488995.78	3858936.96	1.21E-02	1.29E-02	1.80E-02	4.19E-06	1.27E-05	7.33E-06	7.78E-06	7.06E-06	3.22E-06	4.51E-06	1.40E-07	3.38E-06	7.46E-07	1.06E-06	1.68E-06	2.95E-07	2.37E-06	9.67E-06
5474	489130.76	3859017.38	9.09E-03	9.72E-03	1.44E-02	3.15E-06	9.50E-06	5.50E-06	5.88E-06	5.33E-06	2.43E-06	3.62E-06	1.05E-07	2.54E-06	5.60E-07	7.99E-07	1.27E-06	2.23E-07	1.90E-06	7.39E-06
5475	489130.92	3859052.24	8.41E-03	9.01E-03	1.35E-02	2.91E-06	8.79E-06	5.09E-06	5.45E-06	4.94E-06	2.25E-06	3.38E-06	9.72E-08	2.35E-06	5.18E-07	7.40E-07	1.17E-06	2.07E-07	1.78E-06	6.86E-06
5476	489200.33	3859090.6	7.80E-03	8.36E-03	1.27E-02	2.70E-06	8.15E-06	4.72E-06	5.06E-06	4.59E-06	2.09E-06	3.17E-06	9.01E-08	2.18E-06	4.80E-07	6.87E-07	1.09E-06	1.92E-07	1.66E-06	6.38E-06
5477	489296.07	3859143.7	7.14E-03	7.66E-03	1.17E-02	2.47E-06	7.46E-06	4.32E-06	4.64E-06	4.20E-06	1.92E-06	2.93E-06	8.25E-08	1.99E-06	4.40E-07	6.30E-07	9.99E-07	1.76E-07	1.54E-06	5.86E-06
5478	489296.43	3858954.74	9.88E-03	1.06E-02	1.58E-02	3.42E-06	1.03E-05	5.98E-06	6.40E-06	5.80E-06	2.65E-06	3.95E-06	1.14E-07	2.76E-06	6.09E-07	8.69E-07	1.38E-06	2.43E-07	2.07E-06	8.04E-06
5479	489410.33	3859033.19	8.48E-03	9.09E-03	1.38E-02	2.93E-06	8.86E-06	5.13E-06	5.50E-06	4.99E-06	2.28E-06	3.46E-06	9.80E-08	2.37E-06	5.22E-07	7.47E-07	1.19E-06	2.09E-07	1.81E-06	6.94E-06
5480	489371.37	3859089.8	7.79E-03	8.36E-03	1.27E-02	2.70E-06	8.14E-06	4.71E-06	5.06E-06	4.59E-06	2.09E-06	3.19E-06	9.00E-08	2.17E-06	4.80E-07	6.87E-07	1.09E-06	1.92E-07	1.67E-06	6.39E-06
5481	489390.52	3859102.82	7.62E-03	8.19E-03	1.25E-02	2.64E-06	7.97E-06	4.61E-06	4.95E-06	4.49E-06	2.05E-06	3.13E-06	8.81E-08	2.13E-06	4.70E-07	6.73E-07	1.07E-06	1.88E-07	1.64E-06	6.26E-06
5482	489382.3	3859114.53	7.49E-03	8.04E-03	1.23E-02	2.59E-06	7.83E-06	4.53E-06	4.87E-06	4.41E-06	2.01E-06	3.08E-06	8.66E-08	2.09E-06	4.62E-07	6.61E-07	1.05E-06	1.85E-07	1.61E-06	6.15E-06
5483	489363.04	3859102.45	7.64E-03	8.20E-03	1.25E-02	2.64E-06	7.98E-06	4.62E-06	4.96E-06	4.50E-06	2.05E-06	3.13E-06	8.83E-08	2.13E-06	4.71E-07	6.74E-07	1.07E-06	1.88E-07	1.64E-06	6.27E-06
5484	489337.52	3859140.71	7.18E-03	7.72E-03	1.18E-02	2.49E-06	7.51E-06	4.35E-06	4.67E-06	4.23E-06	1.93E-06	2.96E-06	8.30E-08	2.01E-06	4.43E-07	6.34E-07	1.01E-06	1.77E-07	1.55E-06	5.90E-06
5485	489375.14	3859164.55	6.93E-03	7.45E-03	1.14E-02	2.40E-06	7.25E-06	4.20E-06	4.51E-06	4.09E-06	1.86E-06	2.86E-06	8.02E-08	1.94E-06	4.27E-07	6.12E-07	9.71E-07	1.71E-07	1.50E-06	5.70E-06
5486	489409.3	3859114.5	7.49E-03	8.04E-03	1.23E-02	2.59E-06	7.82E-06	4.53E-06	4.86E-06	4.41E-06	2.01E-06	3.08E-06	8.65E-08	2.09E-06	4.61E-07	6.60E-07	1.05E-06	1.85E-07	1.61E-06	6.15E-06
5487	489434.87	3859131.81	7.29E-03	7.83E-03	1.20E-02	2.52E-06	7.62E-06	4.41E-06	4.74E-06	4.30E-06	1.96E-06	3.01E-06	8.43E-08	2.04E-06	4.49E-07	6.43E-07	1.02E-06	1.80E-07	1.58E-06	5.99E-06
5488	489471.87	3859075.75	7.90E-03	8.48E-03	1.30E-02	2.73E-06	8.26E-06	4.78E-06	5.13E-06	4.65E-06	2.12E-06	3.25E-06	9.13E-08	2.21E-06	4.87E-07	6.97E-07	1.11E-06	1.95E-07	1.70E-06	6.48E-06
5489	489602.62	3859164.69	6.94E-03	7.47E-03	1.15E-02	2.40E-06	7.26E-06	4.20E-06	4.52E-06	4.09E-06	1.87E-06	2.88E-06	8.03E-08	1.94E-06	4.28E-07	6.13E-07	9.73E-07	1.71E-07	1.51E-06	5.72E-06
5490	489558.29	3859232.45	6.36E-03	6.84E-03	1.06E-02	2.20E-06	6.64E-06	3.85E-06	4.14E-06	3.75E-06	1.71E-06	2.65E-06	7.35E-08	1.77E-06	3.92E-07	5.62E-07	8.91E-07	1.57E-07	1.39E-06	5.24E-06
5491	489620.11	3859273.56	6.04E-03	6.50E-03	1.01E-02	2.09E-06	6.31E-06	3.65E-06	3.93E-06	3.56E-06	1.63E-06	2.52E-06	6.98E-08	1.69E-06	3.72E-07	5.34E-07	8.47E-07	1.49E-07	1.32E-06	4.98E-06
5492	489666.06	3859206.42	6.58E-03	7.07E-03	1.10E-02	2.28E-06	6.87E-06	3.98E-06	4.28E-06	3.88E-06	1.77E-06	2.74E-06	7.60E-08	1.84E-06	4.05E-07	5.81E-07	9.22E-07	1.62E-07	1.44E-06	5.42E-06
5493	489787.9	3859285.65	5.98E-03	6.44E-03	1.00E-02	2.07E-06	6.26E-06	3.62E-06	3.90E-06	3.53E-06	1.61E-06	2.51E-06	6.92E-08	1.67E-06	3.69E-07	5.29E-07	8.40E-07	1.48E-07	1.32E-06	4.94E-06
5494	489752.17	3859343.13	5.59E-03	6.02E-03	9.37E-03	1.94E-06	5.84E-06	3.38E-06	3.64E-06	3.30E-06	1.51E-06	2.35E-06	6.46E-08	1.56E-06	3.44E-07	4.94E-07	7.84E-07	1.38E-07	1.23E-06	4.62E-06
5495	489814.94	3859385.33	5.35E-03	5.76E-03	8.98E-03	1.85E-06	5.59E-06	3.24E-06	3.48E-06	3.16E-06	1.44E-06	2.25E-06	6.18E-08	1.49E-06	3.29E-07	4.73E-07	7.50E-07	1.32E-07	1.18E-06	4.42E-06
5496	489853.42	3859330.74	5.69E-03	6.13E-03	9.56E-03	1.97E-06	5.95E-06	3.45E-06	3.71E-06	3.36E-06	1.53E-06	2.39E-06	6.58E-08	1.59E-06	3.51E-07	5.04E-07	7.99E-07	1.41E-07	1.26E-06	4.71E-06
5497	489969.5	3859401.91	5.29E-03	5.70E-03	8.90E-03	1.83E-06	5.53E-06	3.20E-06	3.45E-06	3.13E-06	1.43E-06	2.23E-06	6.12E-08	1.48E-06	3.26E-07	4.68E-07	7.43E-07	1.31E-07	1.17E-06	4.38E-06
5498	490166.91	3859486.96	4.88E-03	5.25E-03	8.23E-03	1.69E-06	5.10E-06	2.95E-06	3.18E-06	2.88E-06	1.32E-06	2.06E-06	5.64E-08	1.36E-06	3.00E-07	4.32E-07	6.85E-07	1.21E-07	1.08E-06	4.04E-06
5499	490128.86	3859571.46	4.47E-03	4.82E-03	7.55E-03	1.55E-06	4.67E-06	2.71E-06	2.92E-06	2.64E-06	1.21E-06	1.89E-06	5.17E-08	1.25E-06	2.76E-07	3.96E-07	6.28E-07	1.11E-07	9.92E-07	3.70E-06
5500	490186.65	3859593.65	4.39E-03	4.74E-03	7.43E-03	1.52E-06	4.59E-06	2.66E-06	2.87E-06	2.60E-06	1.19E-06	1.86E-06	5.08E-08	1.23E-06	2.71E-07	3.89E-07	6.17E-07	1.09E-07	9.76E-07	3.64E-06
5501	490223.74	3859517.48	4.74E-03	5.11E-03	8.02E-03	1.64E-06	4.96E-06	2.87E-06	3.09E-06	2.80E-06	1.28E-06	2.01E-06	5.48E-08	1.32E-06	2.92E-07	4.20E-07	6.66E-07	1.17E-07	1.05E-06	3.93E-06
5502	490846.34	3859817.22	3.79E-03	4.08E-03	6.44E-03	1.31E-06	3.96E-06	2.29E-06	2.47E-06	2.24E-06	1.02E-06	1.61E-06	4.38E-08	1.06E-06	2.33E-07	3.35E-07	5.32E-07	9.38E-08	8.46E-07	3.14E-06
5503	490925.65	3859844.59	3.72E-03	4.01E-03	6.34E-03	1.29E-06	3.89E-06	2.25E-06	2.43E-06	2.20E-06	1.00E-06	1.59E-06	4.30E-08	1.04E-06	2.29E-07	3.30E-07	5.23E-07	9.22E-08	8.32E-07	3.09E-06
5504	491159.29	3859896.28	3.59E-03	3.87E-03	6.12E-03	1.24E-06	3.75E-06	2.17E-06	2.34E-06	2.13E-06	9.70E-07	1.53E-06	4.15E-08	1.00E-06	2.21E-07	3.18E-07	5.05E-07	8.90E-08	8.04E-07	2.98E-06
5505	491370.69	3859960.89	3.42E-03	3.69E-03	5.83E-03	1.18E-06	3.58E-06	2.07E-06	2.23E-06	2.02E-06	9.24E-07	1.46E-06	3.95E-08	9.55E-07	2.11E-07	3.03E-07	4.81E-07	8.48E-08	7.66E-07	2.84E-06
5506	491330.28	3860063.17	3.16E-03	3.41E-03	5.39E-03	1.09E-06	3.30E-06	1.91E-06	2.06E-06	1.87E-06	8.54E-07	1.35E-06	3.65E-08	8.83E-07	1.95E-07	2.80E-07	4.44E-07	7.83E-08	7.08E-07	2.62E-06
5507	491636.45	3860180.75	2.96E-03	3.19E-03	5.05E-03	1.02E-06	3.09E-06	1.79E-06	1.93E-06	1.75E-06	7.99E-07	1.26E-06	3.42E-08	8.26E-07	1.82E-07	2.62E-07	4.16E-07	7.33E-08	6.63E-07	2.46E-06
5508	491617.94	3860203.93	2.91E-03	3.14E-03	4.96E-03	1.01E-06	3.04E-06	1.76E-06	1.90E-06	1.72E-06	7.86E-07	1.24E-06	3.36E-08	8.12E-07	1.79E-07	2.58E-07	4.09E-07	7.21E-08	6.52E-07	2.42E-06
5509	491805.68	3860271.59	2.80E-03	3.03E-03	4.79E-03	9.71E-07	2.93E-06	1.70E-06	1.83E-06	1.66E-06	7.57E-07	1.20E-06	3.24E-08	7.83E-07	1.73E-07	2.49E-07	3.94E-07	6.95E-08	6.29E-07	2.33E-06
5510	491654.23	3860414.02	2.53E-03	2.73E-03	4.32E-03	8.76E-07	2.64E-06	1.53E-06	1.65E-06	1.50E-06	6.83E-07	1.08E-06	2.93E-08	7.07E-07	1.56E-07	2.24E-07	3.56E-07	6.27E-08	5.67E-07	2.10E-06
5511	491592.62	3860510.76	2.34E-03	2.53E-03	4.00E-03	8.11E-07	2.45E-06	1.42E-06	1.53E-06	1.39E-06	6.33E-07	1.00E-06	2.71E-08	6.54E-07	1.44E-07	2.08E-07	3.29E-07	5.81E-08	5.25E-07	1.95E-06
5512	491475.41	3860368.93	2.55E-03	2.75E-03	4.34E-03	8.81E-07	2.66E-06	1.54E-06	1.66E-06	1.51E-06	6.87E-07	1.09E-06	2.94E-08	7.11E-07	1.57E-07	2.26E-07	3.58E-07	6.31E-08	5.70E-07	2.11E-06
5513	491445.61	3860337.28	2.59E-03	2.80E-03	4.42E-03	8.98E-07	2.71E-06	1.57E-06	1.69E-06	1.54E-06	7.01E-07	1.11E-06	3.00E-08	7.25E-07	1.60E-07	2.30E-07	3.65E-07	6.43E-08	5.81E-07	2.15E-06
5514	491399.05	3860300.37	2.66E-03	2.87E-03	4.53E-03	9.20E-07	2.78E-06	1.61E-06	1.73E-06	1.57E-06	7.17E-07	1.13E-06	3.07E-08	7.42E-07	1.64E-07	2.35E-07	3.74E-07	6.58E-08	5.95E-07	2.21E-06
5515	491228.84	3860235.98	2.74E-03	2.96E-03	4.67E-03	9.50E-07	2.87E-06	1.66E-06	1.79E-06	1.62E-06	7.41E-07	1.17E-06	3.17E-08	7.66E-07	1.69E-07	2.43E-07	3.86E-07	6.80E-08	6.14E-07	2.28E-06
5516	491228.47	3860174.57	2.88E-03	3.10E-03	4.90E-03	9.96E-07	3.01E-06	1.74E-06	1.88E-06	1.70E-06	7.77E-07	1.23E-06	3.33E-08	8.04E-07	1.77E-07	2.55E-07	4.05E-07	7.13E-08	6.44E-07	2.39E-06
5517	491145.77	3860112.55	3.01E-03	3.25E-03	5.12E-03	1.04E-06	3.14E-06	1.82E-06	1.96E-06	1.78E-06	8.12E-07	1.28E-06	3.48E-08	8.40E-07	1.85E-07	2.67E-07	4.23E-07	7.45E-08	6.73E-07	2.50E-06
5518	490844.41	3859966.22	3.34E-03	3.60E-03	5.68E-03	1.16E-06	3.49E-06	2.02E-06	2.18E-06	1.97E-06	9.01E-07	1.42E-06	3.86E-08	9.32E-07	2.06E-07	2.96E-07	4.69E-07	8.27E-08	7.45E-07	2.77E-06
5519	490845.55	3859928.15	3.45E-03	3.72E-03	5.86E-03	1.19E-06	3.60E-06	2.08E-06	2.25E-06	2.04E-06	9.30E-07	1.47E-06	3.98E-08	9.62E-07	2.12E-07	3.05E-07	4.84E-07	8.53E-08	7.70E-07	2.86E-06
5520	490046.91	3859625.6	4.21E-03	4.54E-03	7.12E-03	1.46E-06	4.40E-06	2.55E-06	2.75E-06	2.49E-06	1.14E-06	1.78E-06	4.87E-08	1.18E-06	2.60E-07	3.73E-07	5.92E-07	1.04E-07	9.36E-07	3.49E-06
5521	489970.48	3859589.4	4.34E-03	4.68E-03	7.34E-03	1.50E-06	4.54E-06	2.63E-06	2.83E-06	2.57E-06	1.17E-06	1.84E-06	5.02E-08	1.21E-06	2.68E-07	3.85E-07	6.10E-07	1.08E-07	9.64E-07	3.60E-06
5522	489865.89	3859529.06	4.59E-03	4.94E-03	7.74E-03	1.59E-06	4.79E-06	2.78E-06	2.99E-06	2.71E-06	1.24E-06	1.94E-06	5.30E-08	1.28E-06	2.83E-07	4.06E-07	6.44E-07	1.14E-07	1.02E-06	3.80E-06
5523	489826.89	3859531.74	4.56E-03	4.92E-03	7.70E-03	1.58E-06	4.77E-06	2.76E-06	2.97E-06	2.70E-06	1.23E-06	1.93E-06	5.27E-08	1.27E-06	2.81E-07	4.04E-07	6.41E-07	1.13E-07	1.01E-06	3.78E-06
5524	489410.47	3859303.06	5.72E-03	6.16E-03	9.57E-03	1.98E-06	5.98E-06	3.46E-06	3.73E-06	3.38E-06	1.54E-06	2.39E-06	6.62E-08	1.60E-06	3.53E-07	5.06E-07	8.03E-07	1.41E-07	1.26E-06	4.72E-06
5525	489407.15	3859286.09	5.85E-03	6.29E-03	9.76E-03	2.02E-06	6.11E-06	3.54E-06	3.81E-06	3.45E-06	1.57E-06	2.44E-06	6.76E-08	1.63E-06	3.60E-07	5.17E-07	8.20E-07	1.45E-07	1.28E-06	4.82E-06
5526	488806.07	3858963.62	1.07E-02	1.14E-02	1.63E-02	3.70E-06	1.12E-05	6.47E-06	6.88E-06	6.24E-06	2.85E-06	4.08E-06	1.24E-07	2.98E-06	6.58E-07	9.35E-07	1.48E-06	2.61E-07	2.14E-06	8.59E-06
5527	488817.64	3859546.3	4.72E-03	5.08E-03	7.94E-03	1.63E-06	4.93E-06	2.85E-06	3.07E-06	2.79E-06	1.27E-06	1.99E-06	5.45E-08	1.32E-06	2.91E-07	4.17E-07	6.62E-07	1.17E-07	1.04E-06	3.90E-06
5528	489187.25	3859549.52	4.64E-03	5.00E-03	7.82E-03	1.61E-06	4.85E-06	2.81E-06	3.02E-06	2.74E-06	1.25E-06	1.96E-06	5.36E-08	1.30E-06	2.86E-07	4.11E-07	6.51E-07	1.15E-07	1.03E-06	3.84E-06
5529	489187.66	3859523.74	4.73E-03	5.10E-03	7.97E-03	1.64E-06	4.95E-06	2.86E-06	3.08E-06	2.80E-06	1.28E-06	1.99E-06	5.47E-08	1.32E-06	2.92E-07	4.19E-07	6.64E-07	1.17E-07	1.05E-06	3.91E-06
5530	489232.59	3859522.85	4.72E-03	5.08E-03	7.95E-03	1.63E-06	4.93E-06	2.86E-06	3.08E-06	2.79E-06	1.27E-06	1.99E-06	5.45E-08	1.32E-06	2.91E-07	4.18E-07	6.62E-07	1.17E-07	1.04E-06	3.90E-06
5531	489224.98	3859759.91	3.99E-03	4.30E-03	6.75E-03	1.38E-06	4.17E-06	2.41E-06	2.60E-06	2.36E-06	1.08E-06	1.69E-06	4.61E-08	1.11E-06	2.46E-07	3.53E-07	5.60E-07	9.87E-08	8.86E-07	3.30E-06
5532	488401.39	3859763.34	3.82E-03	4.11E-03	6.42E-03	1.32E-06	3.99E-06	2.31E-06	2.49E-06	2.26E-06	1.03E-06	1.61E-06	4.41E-08	1.07E-06	2.35E-07	3.38E-07	5.36E-07	9.44E-08	8.43E-07	3.16E-06
5533	488405.51	3859966.16	3.31E-03	3.56E-03	5.57E-03	1.14E-06	3.46E-06	2.00E-06	2.15E-06	1.95E-06	8.91E-07	1.39E-06	3.82E-08	9.23E-07	2.04E-07	2.93E-07	4.64E-07	8.18E-08	7.31E-07	2.74E-06
5534	489202.85	3859956.57	3.50E-03	3.78E-03	5.94E-03	1.21E-06	3.66E-06	2.12E-06	2.29E-06	2.07E-06	9.45E-07	1.49E-06	4.05E-08	9.79E-07	2.16E-07	3.10E-07	4.92E-07	8.68E-08	7.80E-07	2.90E-06
5535	489191.9	3860676.74	2.27E-03	2.45E-03	3.85E-03	7.86E-07	2.37E-06	1.37E-06	1.48E-06	1.34E-06	6.13E-07	9.63E-07	2.62E-08	6.34E-07	1.40E-07	2.01E-07	3.19E-07	5.62E-08	5.06E-07	1.88E-06
5536	488392.82	3860687.88	2.20E-03	2.37E-03	3.71E-03	7.61E-07	2.30E-06	1.33E-06	1.43E-06	1.30E-06	5.93E-07	9.29E-07	2.54E-08	6.14E-07	1.35E-07	1.95E-07	3.09E-07	5.44E-08	4.88E-07	1.82E-06
5537	488392.82	3860760.27	2.13E-03	2.30E-03	3.61E-03	7.39E-07	2.23E-06	1.29E-06	1.39E-06	1.26E-06	5.75E-07	9.02E-07	2.47E-08	5.96E-07	1.31E-07	1.89E-07	3.00E-07	5.28E-08	4.74E-07	1.77E-06
5538	487549.05	3860777.45	2.04E-03	2.20E-03	3.43E-03	7.06E-07	2.13E-06	1.23E-06	1.33E-06	1.20E-06	5.49E-07	8.58E-07	2.36E-08	5.69E-07	1.26E-07	1.80E-07	2.86E-07	5.04E-08	4.51E-07	1.69E-06
5539	487554.62	3859571.83	4.17E-03	4.49E-03	6.99E-03	1.44E-06	4.36E-06	2.52E-06	2.72E-06	2.46E-06	1.12E-06	1.75E-06	4.82E-08	1.16E-06	2.57E-07	3.69E-07	5.85E-07	1.03E-07	9.19E-07	3.45E-06
5540	485949.46	3859558.54	3.67E-03	3.96E-03	6.19E-03	1.27E-06	3.84E-06	2.22E-06	2.39E-06	2.17E-06	9.90E-07	1.55E-06	4.25E-08	1.03E-06	2.26E-07	3.25E-07	5.16E-07	9.09E-08	8.13E-07	3.04E-06
5541	485947.55	3857943.61	1.35E-02	1.45E-02	2.27E-02	4.67E-06	1.41E-05	8.17E-06	8.79E-06	7.97E-06	3.64E-06	5.68E-06	1.56E-07	3.77E-06	8.31E-07	1.19E-06	1.89E-06	3.34E-07	2.98E-06	1.12E-05
5542	484738.38	3857940.21	7.46E-03	8.04E-03	1.26E-02	2.58E-06	7.80E-06	4.52E-06	4.86E-06	4.41E-06	2.01E-06	3.15E-06	8.63E-08	2.08E-06	4.60E-07	6.60E-07	1.05E-06	1.85E-07	1.65E-06	6.18E-06
5543	484737.06	3857535.68	9.62E-03	1.04E-02	1.62E-02	3.33E-06	1.01E-05	5.82E-06	6.27E-06	5.68E-06	2.59E-06	4.05E-06	1.11E-07	2.69E-06	5.93E-07	8.51E-07	1.35E-06	2.38E-07	2.13E-06	7.95E-06
5544	483730.2	3857530.13	6.41E-03	6.91E-03	1.08E-02	2.22E-06	6.70E-06	3.88E-06	4.18E-06	3.79E-06	1.73E-06	2.71E-06	7.41E-08	1.79E-06	3.95E-07	5.68E-07	9.00E-07	1.59E-07	1.42E-06	5.31E-06
5545	483727.27	3857130.01	7.79E-03	8.39E-03	1.32E-02	2.70E-06	8.14E-06	4.71E-06	5.08E-06	4.60E-06	2.10E-06	3.29E-06	9.00E-08	2.17E-06	4.80E-07	6.89E-07	1.09E-06	1.93E-07	1.73E-06	6.45E-06
5546	483124.42	3857123.45	6.13E-03	6.61E-03	1.04E-02	2.12E-06	6.41E-06	3.71E-06	4.00E-06	3.63E-06	1.65E-06	2.60E-06	7.09E-08	1.71E-06	3.78E-07	5.43E-07	8.62E-07	1.52E-07	1.37E-06	5.08E-06
5547	483111.13	3855921.03	1.05E-02	1.13E-02	1.78E-02	3.62E-06	1.09E-05	6.34E-06	6.83E-06	6.19E-06	2.83E-06	4.45E-06	1.21E-07	2.92E-06	6.45E-07	9.27E-07	1.47E-06	2.59E-07	2.34E-06	8.68E-06
5548	482701.73	3855918.24	8.20E-03	8.85E-03	1.40E-02	2.84E-06	8.57E-06	4.96E-06	5.35E-06	4.85E-06	2.21E-06	3.50E-06	9.48E-08	2.29E-06	5.05E-07	7.27E-07	1.15E-06	2.03E-07	1.84E-06	6.81E-06
5549	482668.02	3853521.78	5.39E-03	5.75E-03	8.35E-03	1.87E-06	5.63E-06	3.26E-06	3.48E-06	3.15E-06	1.44E-06	2.09E-06	6.23E-08	1.51E-06	3.32E-07	4.72E-07	7.49E-07	1.32E-07	1.10E-06	4.35E-06
5550	482579.91	3853219.19	3.05E-03	3.27E-03	5.05E-03	1.05E-06	3.18E-06	1.84E-06	1.98E-06	1.80E-06	8.20E-07	1.26E-06	3.52E-08	8.51E-07	1.88E-07	2.69E-07	4.27E-07	7.52E-08	6.63E-07	2.51E-06
5551	482434.06	3852961.94	2.39E-03	2.57E-03	4.00E-03	8.27E-07	2.50E-06	1.45E-06	1.56E-06	1.41E-06	6.44E-07	1.00E-06	2.76E-08	6.67E-07	1.47E-07	2.11E-07	3.35E-07	5.91E-08	5.25E-07	1.97E-06
5552	482332.11	3852832.85	2.18E-03	2.35E-03	3.66E-03	7.54E-07	2.28E-06	1.32E-06	1.42E-06	1.29E-06	5.87E-07	9.15E-07	2.52E-08	6.08E-07	1.34E-07	1.93E-07	3.06E-07	5.39E-08	4.80E-07	1.80E-06
5553	481334.99	3851818.96	1.30E-03	1.40E-03	2.20E-03	4.50E-07	1.36E-06	7.87E-07	8.48E-07	7.69E-07	3.51E-07	5.50E-07	1.50E-08	3.63E-07	8.01E-08	1.15E-07	1.83E-07	3.22E-08	2.89E-07	1.08E-06
5554	481127.62	3851646.36	1.22E-03	1.31E-03	2.06E-03	4.22E-07	1.27E-06	7.37E-07	7.94E-07	7.20E-07	3.28E-07	5.15E-07	1.41E-08	3.40E-07	7.50E-08	1.08E-07	1.71E-07	3.01E-08	2.70E-07	1.01E-06
5555	481025.04	3851591.73	1.20E-03	1.29E-03	2.03E-03	4.15E-07	1.25E-06	7.25E-07	7.81E-07	7.08E-07	3.23E-07	5.07E-07	1.39E-08	3.35E-07	7.38E-08	1.06E-07	1.68E-07	2.97E-08	2.66E-07	9.92E-07
5556	480513.6	3851335.76	1.11E-03	1.20E-03	1.89E-03	3.84E-07	1.16E-06	6.71E-07	7.24E-07	6.56E-07	2.99E-07	4.72E-07	1.28E-08	3.10E-07	6.83E-08	9.83E-08	1.56E-07	2.75E-08	2.48E-07	9.20E-07
5557	480523.56	3851317.66	1.10E-03	1.19E-03	1.87E-03	3.81E-07	1.15E-06	6.67E-07	7.19E-07	6.51E-07	2.97E-07	4.69E-07	1.27E-08	3.08E-07	6.79E-08	9.76E-08	1.55E-07	2.73E-08	2.46E-07	9.14E-07
5558	476921.56	3849569.11	3.89E-04	4.19E-04	6.58E-04	1.35E-07	4.06E-07	2.35E-07	2.53E-07	2.30E-07	1.05E-07	1.65E-07	4.49E-09	1.09E-07	2.39E-08	3.44E-08	5.46E-08	9.62E-09	8.64E-08	3.22E-07

5559	476521.19	3849373.96	3.68E-04	3.97E-04	6.25E-04	1.28E-07	3.85E-07	2.23E-07	2.40E-07	2.18E-07	9.94E-08	1.56E-07	4.26E-09	1.03E-07	2.27E-08	3.26E-08	5.18E-08	9.12E-09	8.21E-08	3.05E-07
5560	476391.45	3849333.38	3.67E-04	3.96E-04	6.23E-04	1.27E-07	3.84E-07	2.22E-07	2.40E-07	2.17E-07	9.91E-08	1.56E-07	4.25E-09	1.03E-07	2.26E-08	3.25E-08	5.16E-08	9.10E-09	8.19E-08	3.05E-07
5561	476219.41	3849304.29	3.69E-04	3.98E-04	6.26E-04	1.28E-07	3.86E-07	2.23E-07	2.41E-07	2.18E-07	9.96E-08	1.57E-07	4.27E-09	1.03E-07	2.27E-08	3.27E-08	5.19E-08	9.14E-09	8.22E-08	3.06E-07
5562	475679.11	3849218.47	3.61E-04	3.90E-04	6.14E-04	1.25E-07	3.78E-07	2.19E-07	2.36E-07	2.14E-07	9.75E-08	1.54E-07	4.18E-09	1.01E-07	2.23E-08	3.20E-08	5.08E-08	8.95E-09	8.07E-08	3.00E-07
5563	475677.71	3849233.88	3.64E-04	3.93E-04	6.19E-04	1.26E-07	3.81E-07	2.20E-07	2.38E-07	2.15E-07	9.83E-08	1.55E-07	4.21E-09	1.02E-07	2.24E-08	3.23E-08	5.12E-08	9.02E-09	8.13E-08	3.02E-07
5564	475492.74	3849204.66	3.21E-04	3.46E-04	5.47E-04	1.11E-07	3.35E-07	1.94E-07	2.09E-07	1.90E-07	8.66E-08	1.37E-07	3.71E-09	8.96E-08	1.98E-08	2.84E-08	4.51E-08	7.95E-09	7.18E-08	2.66E-07
5565	475497.64	3849158.75	3.33E-04	3.59E-04	5.66E-04	1.15E-07	3.48E-07	2.01E-07	2.17E-07	1.97E-07	8.98E-08	1.42E-07	3.85E-09	9.29E-08	2.05E-08	2.95E-08	4.68E-08	8.24E-09	7.44E-08	2.76E-07
5566	475391.35	3849141.94	3.46E-04	3.73E-04	5.88E-04	1.20E-07	3.61E-07	2.09E-07	2.26E-07	2.05E-07	9.33E-08	1.47E-07	4.00E-09	9.66E-08	2.13E-08	3.06E-08	4.86E-08	8.57E-09	7.73E-08	2.87E-07
5567	475277	3849095.47	3.46E-04	3.73E-04	5.89E-04	1.20E-07	3.62E-07	2.09E-07	2.26E-07	2.05E-07	9.34E-08	1.47E-07	4.00E-09	9.66E-08	2.13E-08	3.07E-08	4.86E-08	8.57E-09	7.73E-08	2.87E-07
5568	475183.93	3849025.66	3.39E-04	3.66E-04	5.78E-04	1.18E-07	3.55E-07	2.05E-07	2.22E-07	2.01E-07	9.16E-08	1.45E-07	3.92E-09	9.48E-08	2.09E-08	3.01E-08	4.77E-08	8.41E-09	7.59E-08	2.82E-07
5569	474453.23	3848378.77	2.93E-04	3.16E-04	4.99E-04	1.02E-07	3.07E-07	1.77E-07	1.91E-07	1.73E-07	7.91E-08	1.25E-07	3.39E-09	8.19E-08	1.81E-08	2.60E-08	4.12E-08	7.26E-09	6.55E-08	2.43E-07
5570	474569.63	3848399.34	2.90E-04	3.12E-04	4.93E-04	1.00E-07	3.03E-07	1.75E-07	1.89E-07	1.71E-07	7.82E-08	1.23E-07	3.35E-09	8.09E-08	1.78E-08	2.57E-08	4.07E-08	7.17E-09	6.47E-08	2.40E-07
5571	474644.33	3848464.52	2.95E-04	3.18E-04	5.01E-04	1.02E-07	3.08E-07	1.78E-07	1.92E-07	1.74E-07	7.96E-08	1.25E-07	3.41E-09	8.23E-08	1.82E-08	2.61E-08	4.14E-08	7.30E-09	6.58E-08	2.45E-07
5572	474719.04	3848529.7	2.99E-04	3.23E-04	5.09E-04	1.04E-07	3.13E-07	1.81E-07	1.95E-07	1.77E-07	8.08E-08	1.27E-07	3.46E-09	8.36E-08	1.84E-08	2.65E-08	4.21E-08	7.42E-09	6.69E-08	2.48E-07
5573	474793.74	3848594.88	3.01E-04	3.25E-04	5.13E-04	1.04E-07	3.15E-07	1.82E-07	1.97E-07	1.78E-07	8.13E-08	1.28E-07	3.48E-09	8.42E-08	1.86E-08	2.67E-08	4.24E-08	7.47E-09	6.73E-08	2.50E-07
5574	474868.45	3848660.07	3.01E-04	3.25E-04	5.13E-04	1.04E-07	3.15E-07	1.82E-07	1.97E-07	1.78E-07	8.13E-08	1.28E-07	3.48E-09	8.42E-08	1.86E-08	2.67E-08	4.24E-08	7.47E-09	6.73E-08	2.50E-07
5575	474943.15	3848725.25	3.04E-04	3.28E-04	5.17E-04	1.05E-07	3.18E-07	1.84E-07	1.98E-07	1.80E-07	8.20E-08	1.29E-07	3.51E-09	8.48E-08	1.87E-08	2.69E-08	4.27E-08	7.52E-09	6.79E-08	2.52E-07
5576	475017.86	3848790.43	3.10E-04	3.34E-04	5.28E-04	1.07E-07	3.24E-07	1.88E-07	2.02E-07	1.83E-07	8.37E-08	1.32E-07	3.58E-09	8.66E-08	1.91E-08	2.75E-08	4.36E-08	7.68E-09	6.93E-08	2.57E-07
5577	475092.56	3848855.61	3.18E-04	3.43E-04	5.41E-04	1.10E-07	3.32E-07	1.92E-07	2.08E-07	1.88E-07	8.58E-08	1.35E-07	3.68E-09	8.88E-08	1.96E-08	2.82E-08	4.47E-08	7.88E-09	7.11E-08	2.64E-07
5578	475232.58	3848959.38	3.28E-04	3.54E-04	5.59E-04	1.14E-07	3.43E-07	1.99E-07	2.14E-07	1.94E-07	8.87E-08	1.40E-07	3.80E-09	9.17E-08	2.02E-08	2.91E-08	4.62E-08	8.14E-09	7.34E-08	2.73E-07
5579	475368.47	3849029.98	3.31E-04	3.57E-04	5.64E-04	1.15E-07	3.46E-07	2.00E-07	2.16E-07	1.96E-07	8.94E-08	1.41E-07	3.83E-09	9.25E-08	2.04E-08	2.93E-08	4.66E-08	8.21E-09	7.40E-08	2.75E-07
5580	475609.57	3849096.09	3.30E-04	3.56E-04	5.61E-04	1.14E-07	3.45E-07	2.00E-07	2.15E-07	1.95E-07	8.91E-08	1.41E-07	3.81E-09	9.21E-08	2.03E-08	2.92E-08	4.64E-08	8.17E-09	7.37E-08	2.74E-07
5581	475680.68	3849116.62	3.39E-04	3.65E-04	5.76E-04	1.17E-07	3.54E-07	2.05E-07	2.21E-07	2.00E-07	9.14E-08	1.44E-07	3.91E-09	9.45E-08	2.09E-08	3.00E-08	4.76E-08	8.38E-09	7.56E-08	2.81E-07
5582	475843.76	3849151.52	3.46E-04	3.73E-04	5.87E-04	1.20E-07	3.61E-07	2.09E-07	2.25E-07	2.04E-07	9.33E-08	1.47E-07	4.00E-09	9.65E-08	2.13E-08	3.06E-08	4.86E-08	8.56E-09	7.71E-08	2.87E-07
5583	475935.73	3849165.89	3.53E-04	3.81E-04	5.99E-04	1.22E-07	3.69E-07	2.14E-07	2.30E-07	2.09E-07	9.53E-08	1.50E-07	4.08E-09	9.86E-08	2.17E-08	3.13E-08	4.96E-08	8.74E-09	7.87E-08	2.93E-07
5584	476027.71	3849180.27	3.57E-04	3.85E-04	6.06E-04	1.24E-07	3.73E-07	2.16E-07	2.33E-07	2.11E-07	9.64E-08	1.52E-07	4.13E-09	9.97E-08	2.20E-08	3.16E-08	5.02E-08	8.84E-09	7.96E-08	2.96E-07
5585	476119.68	3849194.64	3.50E-04	3.78E-04	5.95E-04	1.21E-07	3.66E-07	2.12E-07	2.29E-07	2.07E-07	9.46E-08	1.49E-07	4.05E-09	9.79E-08	2.16E-08	3.10E-08	4.92E-08	8.68E-09	7.82E-08	2.91E-07
5586	476211.65	3849209.01	3.48E-04	3.76E-04	5.91E-04	1.21E-07	3.64E-07	2.11E-07	2.27E-07	2.06E-07	9.40E-08	1.48E-07	4.03E-09	9.73E-08	2.15E-08	3.09E-08	4.89E-08	8.63E-09	7.77E-08	2.89E-07
5587	476497.81	3849283.9	3.50E-04	3.77E-04	5.94E-04	1.21E-07	3.66E-07	2.12E-07	2.28E-07	2.07E-07	9.44E-08	1.49E-07	4.04E-09	9.77E-08	2.16E-08	3.10E-08	4.91E-08	8.66E-09	7.80E-08	2.90E-07
5588	476603.73	3849323.77	3.54E-04	3.82E-04	6.00E-04	1.23E-07	3.70E-07	2.14E-07	2.31E-07	2.09E-07	9.55E-08	1.50E-07	4.09E-09	9.89E-08	2.18E-08	3.14E-08	4.97E-08	8.77E-09	7.89E-08	2.94E-07
5589	476728.99	3849382.76	3.60E-04	3.88E-04	6.10E-04	1.24E-07	3.76E-07	2.18E-07	2.35E-07	2.13E-07	9.70E-08	1.53E-07	4.16E-09	1.00E-07	2.22E-08	3.18E-08	5.05E-08	8.90E-09	8.01E-08	2.98E-07
5590	476801.27	3849418.65	3.64E-04	3.92E-04	6.16E-04	1.26E-07	3.80E-07	2.20E-07	2.37E-07	2.15E-07	9.81E-08	1.54E-07	4.20E-09	1.02E-07	2.24E-08	3.22E-08	5.11E-08	9.00E-09	8.10E-08	3.01E-07
5591	476956.2	3849495.05	3.73E-04	4.01E-04	6.31E-04	1.29E-07	3.89E-07	2.25E-07	2.43E-07	2.20E-07	1.00E-07	1.58E-07	4.31E-09	1.04E-07	2.30E-08	3.30E-08	5.23E-08	9.22E-09	8.29E-08	3.09E-07
5592	477038.84	3849535.56	3.75E-04	4.04E-04	6.35E-04	1.30E-07	3.92E-07	2.27E-07	2.45E-07	2.22E-07	1.01E-07	1.59E-07	4.34E-09	1.05E-07	2.31E-08	3.32E-08	5.27E-08	9.29E-09	8.35E-08	3.11E-07
5593	477121.49	3849576.08	3.80E-04	4.10E-04	6.44E-04	1.32E-07	3.97E-07	2.30E-07	2.48E-07	2.25E-07	1.03E-07	1.61E-07	4.39E-09	1.06E-07	2.34E-08	3.37E-08	5.34E-08	9.41E-09	8.45E-08	3.15E-07
5594	477204.13	3849616.6	3.84E-04	4.13E-04	6.49E-04	1.33E-07	4.01E-07	2.32E-07	2.50E-07	2.27E-07	1.03E-07	1.63E-07	4.43E-09	1.07E-07	2.36E-08	3.40E-08	5.39E-08	9.49E-09	8.53E-08	3.18E-07
5595	477286.78	3849657.12	3.81E-04	4.10E-04	6.45E-04	1.32E-07	3.98E-07	2.30E-07	2.48E-07	2.25E-07	1.03E-07	1.61E-07	4.40E-09	1.06E-07	2.35E-08	3.37E-08	5.35E-08	9.43E-09	8.47E-08	3.16E-07
5596	477369.42	3849697.63	3.94E-04	4.25E-04	6.67E-04	1.37E-07	4.12E-07	2.39E-07	2.57E-07	2.33E-07	1.06E-07	1.67E-07	4.56E-09	1.10E-07	2.43E-08	3.49E-08	5.54E-08	9.76E-09	8.77E-08	3.27E-07
5597	477452.07	3849738.15	3.99E-04	4.30E-04	6.75E-04	1.38E-07	4.17E-07	2.41E-07	2.60E-07	2.36E-07	1.08E-07	1.69E-07	4.61E-09	1.11E-07	2.46E-08	3.53E-08	5.60E-08	9.87E-09	8.86E-08	3.30E-07
5598	477534.71	3849778.67	4.11E-04	4.43E-04	6.95E-04	1.42E-07	4.30E-07	2.49E-07	2.68E-07	2.43E-07	1.11E-07	1.74E-07	4.75E-09	1.15E-07	2.53E-08	3.64E-08	5.77E-08	1.02E-08	9.13E-08	3.40E-07
5599	477617.36	3849819.18	4.17E-04	4.49E-04	7.05E-04	1.44E-07	4.36E-07	2.52E-07	2.72E-07	2.47E-07	1.12E-07	1.76E-07	4.82E-09	1.16E-07	2.57E-08	3.69E-08	5.86E-08	1.03E-08	9.26E-08	3.45E-07
5600	477824.74	3849896.37	4.41E-04	4.75E-04	7.45E-04	1.53E-07	4.61E-07	2.67E-07	2.87E-07	2.61E-07	1.19E-07	1.86E-07	5.10E-09	1.23E-07	2.72E-08	3.90E-08	6.19E-08	1.09E-08	9.78E-08	3.65E-07
5601	477906.31	3849936.37	4.40E-04	4.75E-04	7.45E-04	1.52E-07	4.60E-07	2.66E-07	2.87E-07	2.60E-07	1.19E-07	1.87E-07	5.09E-09	1.23E-07	2.71E-08	3.90E-08	6.19E-08	1.09E-08	9.79E-08	3.65E-07
5602	477987.89	3849976.36	4.55E-04	4.90E-04	7.70E-04	1.57E-07	4.76E-07	2.75E-07	2.97E-07	2.69E-07	1.23E-07	1.93E-07	5.26E-09	1.27E-07	2.80E-08	4.03E-08	6.39E-08	1.13E-08	1.01E-07	3.77E-07
5603	478069.47	3850016.36	4.60E-04	4.95E-04	7.78E-04	1.59E-07	4.80E-07	2.78E-07	3.00E-07	2.72E-07	1.24E-07	1.95E-07	5.31E-09	1.28E-07	2.83E-08	4.07E-08	6.46E-08	1.14E-08	1.02E-07	3.81E-07
5604	478151.04	3850056.35	4.66E-04	5.02E-04	7.89E-04	1.61E-07	4.87E-07	2.82E-07	3.04E-07	2.75E-07	1.26E-07	1.98E-07	5.38E-09	1.30E-07	2.87E-08	4.12E-08	6.54E-08	1.15E-08	1.04E-07	3.86E-07
5605	478232.62	3850096.35	4.80E-04	5.18E-04	8.14E-04	1.66E-07	5.02E-07	2.91E-07	3.13E-07	2.84E-07	1.30E-07	2.04E-07	5.55E-09	1.34E-07	2.96E-08	4.25E-08	6.75E-08	1.19E-08	1.07E-07	3.98E-07
5606	478314.2	3850136.34	4.97E-04	5.36E-04	8.42E-04	1.72E-07	5.19E-07	3.01E-07	3.24E-07	2.94E-07	1.34E-07	2.11E-07	5.74E-09	1.39E-07	3.06E-08	4.40E-08	6.98E-08	1.23E-08	1.11E-07	4.12E-07
5607	478395.77	3850176.34	5.15E-04	5.55E-04	8.73E-04	1.78E-07	5.38E-07	3.12E-07	3.36E-07	3.04E-07	1.39E-07	2.18E-07	5.95E-09	1.44E-07	3.17E-08	4.56E-08	7.23E-08	1.27E-08	1.15E-07	4.27E-07
5608	478575.43	3850244.45	5.63E-04	6.07E-04	9.56E-04	1.95E-07	5.89E-07	3.41E-07	3.67E-07	3.33E-07	1.52E-07	2.39E-07	6.51E-09	1.57E-07	3.47E-08	4.99E-08	7.91E-08	1.39E-08	1.26E-07	4.67E-07
5609	478665.06	3850287.29	5.88E-04	6.34E-04	9.98E-04	2.04E-07	6.15E-07	3.56E-07	3.84E-07	3.48E-07	1.59E-07	2.50E-07	6.80E-09	1.64E-07	3.62E-08	5.21E-08	8.26E-08	1.46E-08	1.31E-07	4.88E-07
5610	478754.69	3850330.14	6.15E-04	6.63E-04	1.04E-03	2.13E-07	6.43E-07	3.72E-07	4.01E-07	3.64E-07	1.66E-07	2.61E-07	7.11E-09	1.72E-07	3.79E-08	5.45E-08	8.64E-08	1.52E-08	1.37E-07	5.10E-07
5611	478844.32	3850372.99	6.44E-04	6.95E-04	1.09E-03	2.23E-07	6.74E-07	3.90E-07	4.20E-07	3.81E-07	1.74E-07	2.74E-07	7.45E-09	1.80E-07	3.97E-08	5.71E-08	9.06E-08	1.60E-08	1.44E-07	5.35E-07
5612	478933.95	3850415.84	6.75E-04	7.28E-04	1.15E-03	2.34E-07	7.06E-07	4.08E-07	4.40E-07	3.99E-07	1.82E-07	2.87E-07	7.80E-09	1.88E-07	4.16E-08	5.98E-08	9.49E-08	1.67E-08	1.51E-07	5.60E-07
5613	479023.58	3850458.68	6.99E-04	7.54E-04	1.19E-03	2.42E-07	7.31E-07	4.23E-07	4.56E-07	4.14E-07	1.89E-07	2.98E-07	8.08E-09	1.95E-07	4.31E-08	6.20E-08	9.83E-08	1.73E-08	1.56E-07	5.80E-07
5614	479110.66	3850441.91	7.37E-04	7.94E-04	1.25E-03	2.55E-07	7.70E-07	4.46E-07	4.81E-07	4.36E-07	1.99E-07	3.14E-07	8.51E-09	2.06E-07	4.54E-08	6.53E-08	1.04E-07	1.82E-08	1.65E-07	6.11E-07
5615	479191.22	3850423.99	7.64E-04	8.24E-04	1.30E-03	2.64E-07	7.99E-07	4.62E-07	4.99E-07	4.52E-07	2.06E-07	3.26E-07	8.83E-09	2.13E-07	4.71E-08	6.77E-08	1.07E-07	1.89E-08	1.71E-07	6.34E-07
5616	479274.32	3850465.71	7.84E-04	8.46E-04	1.34E-03	2.72E-07	8.20E-07	4.75E-07	5.12E-07	4.64E-07	2.12E-07	3.35E-07	9.07E-09	2.19E-07	4.83E-08	6.95E-08	1.10E-07	1.94E-08	1.76E-07	6.51E-07
5617	479357.43	3850507.42	8.01E-04	8.65E-04	1.37E-03	2.77E-07	8.38E-07	4.85E-07	5.23E-07	4.74E-07	2.16E-07	3.42E-07	9.26E-09	2.24E-07	4.94E-08	7.10E-08	1.13E-07	1.99E-08	1.80E-07	6.66E-07
5618	479440.53	3850549.14	8.16E-04	8.80E-04	1.39E-03	2.82E-07	8.53E-07	4.94E-07	5.33E-07	4.83E-07	2.20E-07	3.49E-07	9.43E-09	2.28E-07	5.03E-08	7.23E-08	1.15E-07	2.02E-08	1.83E-07	6.78E-07
5619	479523.64	3850590.85	8.31E-04	8.97E-04	1.42E-03	2.88E-07	8.69E-07	5.03E-07	5.43E-07	4.92E-07	2.24E-07	3.55E-07	9.61E-09	2.32E-07	5.12E-08	7.37E-08	1.17E-07	2.06E-08	1.87E-07	6.91E-07
5620	479606.74	3850632.57	8.48E-04	9.15E-04	1.45E-03	2.94E-07	8.86E-07	5.13E-07	5.54E-07	5.02E-07	2.29E-07	3.63E-07	9.80E-09	2.37E-07	5.22E-08	7.52E-08	1.19E-07	2.10E-08	1.90E-07	7.05E-07
5621	479777.37	3850707.61	8.75E-04	9.44E-04	1.50E-03	3.03E-07	9.14E-07	5.29E-07	5.71E-07	5.18E-07	2.36E-07	3.74E-07	1.01E-08	2.44E-07	5.39E-08	7.75E-08	1.23E-07	2.17E-08	1.96E-07	7.27E-07
5622	479864.9	3850740.95	8.88E-04	9.58E-04	1.52E-03	3.07E-07	9.28E-07	5.37E-07	5.80E-07	5.25E-07	2.40E-07	3.80E-07	1.03E-08	2.48E-07	5.47E-08	7.87E-08	1.25E-07	2.20E-08	1.99E-07	7.38E-07
5623	479931.87	3850829.57	9.16E-04	9.89E-04	1.57E-03	3.17E-07	9.58E-07	5.54E-07	5.98E-07	5.42E-07	2.47E-07	3.92E-07	1.06E-08	2.56E-07	5.65E-08	8.12E-08	1.29E-07	2.27E-08	2.06E-07	7.61E-07
5624	479995.55	3850926.75	9.52E-04	1.03E-03	1.63E-03	3.30E-07	9.96E-07	5.76E-07	6.22E-07	5.64E-07	2.57E-07	4.07E-07	1.10E-08	2.66E-07	5.87E-08	8.44E-08	1.34E-07	2.36E-08	2.14E-07	7.91E-07
5625	480079.78	3850968.64	9.71E-04	1.05E-03	1.66E-03	3.36E-07	1.02E-06	5.88E-07	6.34E-07	5.75E-07	2.62E-07	4.15E-07	1.12E-08	2.71E-07	5.98E-08	8.61E-08	1.37E-07	2.41E-08	2.18E-07	8.07E-07
5626	480164.01	3851010.54	9.88E-04	1.07E-03	1.68E-03	3.42E-07	1.03E-06	5.98E-07	6.45E-07	5.85E-07	2.67E-07	4.22E-07	1.14E-08	2.76E-07	6.09E-08	8.76E-08	1.39E-07	2.45E-08	2.21E-07	8.20E-07
5627	480248.23	3851052.43	1.00E-03	1.08E-03	1.71E-03	3.47E-07	1.05E-06	6.07E-07	6.55E-07	5.93E-07	2.71E-07	4.28E-07	1.16E-08	2.80E-07	6.18E-08	8.89E-08	1.41E-07	2.49E-08	2.24E-07	8.33E-07
5628	480332.46	3851094.33	1.02E-03	1.10E-03	1.73E-03	3.52E-07	1.06E-06	6.15E-07	6.63E-07	6.01E-07	2.74E-07	4.33E-07	1.17E-08	2.84E-07	6.26E-08	9.00E-08	1.43E-07	2.52E-08	2.27E-07	8.43E-07
5629	480416.69	3851136.22	1.03E-03	1.11E-03	1.75E-03	3.55E-07	1.07E-06	6.21E-07	6.69E-07	6.07E-07	2.77E-07	4.37E-07	1.19E-08	2.86E-07	6.32E-08	9.09E-08	1.44E-07	2.54E-08	2.29E-07	8.51E-07
5630	480579.95	3851215.17	1.04E-03	1.13E-03	1.77E-03	3.62E-07	1.09E-06	6.32E-07	6.81E-07	6.18E-07	2.82E-07	4.44E-07	1.21E-08	2.92E-07	6.44E-08	9.25E-08	1.47E-07	2.59E-08	2.33E-07	8.66E-07
5631	480658.98	3851252.22	1.05E-03	1.14E-03	1.79E-03	3.65E-07	1.10E-06	6.37E-07	6.87E-07	6.23E-07	2.84E-07	4.47E-07	1.22E-08	2.94E-07	6.49E-08	9.33E-08	1.48E-07	2.61E-08	2.35E-07	8.74E-07
5632	480817.36	3851327.85	1.07E-03	1.15E-03	1.81E-03	3.71E-07	1.12E-06	6.48E-07	6.99E-07	6.33E-07	2.89E-07	4.54E-07	1.24E-08	2.99E-07	6.60E-08	9.48E-08	1.50E-07	2.65E-08	2.38E-07	8.88E-07
5633	480896.72	3851366.43	1.08E-03	1.16E-03	1.83E-03	3.74E-07	1.13E-06	6.53E-07	7.04E-07	6.38E-07	2.91E-07	4.57E-07	1.25E-08	3.01E-07	6.65E-08	9.56E-08	1.52E-07	2.67E-08	2.40E-07	8.94E-07
5634	480976.07	3851405	1.09E-03	1.17E-03	1.84E-03	3.77E-07	1.14E-06	6.59E-07	7.10E-07	6.43E-07	2.94E-07	4.61E-07	1.26E-08	3.04E-07	6.71E-08	9.64E-08	1.53E-07	2.69E-08	2.42E-07	9.02E-07
5635	481178	3851487.31	1.10E-03	1.19E-03	1.86E-03	3.82E-07	1.15E-06	6.68E-07	7.20E-07	6.52E-07	2.98E-07	4.67E-07	1.28E-08	3.08E-07	6.80E-08	9.77E-08	1.55E-07	2.73E-08	2.45E-07	9.14E-07
5636	481244.9	3851557.17	1.14E-03	1.22E-03	1.92E-03	3.93E-07	1.19E-06	6.88E-07	7.41E-07	6.72E-07	3.06E-07	4.80E-07	1.31E-08	3.17E-07	7.00E-08	1.01E-07	1.60E-07	2.81E-08	2.52E-07	9.41E-07
5637	481311.81	3851627.03	1.17E-03	1.26E-03	1.97E-03	4.05E-07	1.22E-06	7.07E-07	7.62E-07	6.91E-07	3.15E-07	4.94E-07	1.35E-08	3.26E-07	7.20E-08	1.03E-07	1.64E-07	2.89E-08	2.59E-07	9.67E-07
5638	481378.71	3851696.89	1.20E-03	1.30E-03	2.03E-03	4.16E-07	1.26E-06	7.27E-07	7.84E-07	7.10E-07	3.24E-07	5.08E-07	1.39E-08	3.36E-07	7.41E-08	1.06E-07	1.69E-07	2.97E-08	2.67E-07	9.95E-07
5639	481445.61	3851766.76	1.24E-03	1.33E-03	2.09E-03	4.28E-07	1.29E-06	7.49E-07	8.07E-07	7.31E-07	3.34E-07	5.23E-07	1.43E-08	3.46E-07	7.63E-08	1.10E-07	1.74E-07	3.06E-08	2.74E-07	1.02E-06
5640	481512.51	3851836.62	1.27E-03	1.37E-03	2.15E-03	4.41E-07	1.33E-06	7.71E-07	8.30E-07	7.53E-07	3.43E-07	5.38E-07	1.47E-08	3.56E-07	7.85E-08	1.13E-07	1.79E-07	3.15E-08	2.82E-07	1.05E-06
5641	481579.42	3851906.48	1.31E-03	1.41E-03	2.21E-03	4.54E-07	1.37E-06	7.93E-07	8.55E-07	7.75E-07	3.54E-07	5.54E-07	1.52E-08	3.66E-07	8.08E-08	1.16E-07	1.84E-07	3.24E-08	2.91E-07	1.09E-06
5642	481646.32	3851976.34	1.35E-03	1.46E-03	2.28E-03	4.68E-07	1.41E-06	8.18E-07	8.81E-07	7.99E-07	3.64E-07	5.71E-07	1.56E-08	3.77E-07	8.33E-08	1.20E-07	1.90E-07	3.34E-08	3.00E-07	1.12E-06
5643	481713.22	3852046.2	1.39E-03	1.50E-03	2.34E-03	4.80E-07	1.45E-06	8.40E-07	9.05E-07	8.20E-07	3.74E-07	5.87E-07	1.60E-08	3.88E-07	8.55E-08	1.23E-07	1.95E-07	3.43E-08	3.08E-07	1.15E-06
5644	481780.12	3852116.06	1.44E-03	1.55E-03	2.42E-03	4.97E-07	1.50E-06	8.69E-07	9.36E-07	8.48E-07	3.87E-07	6.07E-07	1.66E-08	4.01E-07	8.85E-08	1.27E-07	2.02E-07	3.55E-08	3.18E-07	1.19E-06
5645	481847.03	3852185.92	1.49E-03	1.61E-03	2.52E-03	5.17E-07	1.56E-06	9.04E-07	9.73E-07	8.82E-07	4.03E-07	6.31E-07	1.73E-08	4.17E-07	9.20E-08	1.32E-07	2.10E-07	3.70E-08	3.31E-07	1.24E-06
5646	481913.93	3852255.78	1.55E-03	1.67E-03	2.61E-03	5.36E-07	1.62E-06	9.37E-07	1.01E-06	9.15E-07	4.17E-07	6.53E-07	1.79E-08	4.32E-07	9.54E-08	1.37E-07	2.17E-07	3.83E-08	3.43E-07	1.28E-06
5647	481980.83	3852325.65	1.61E-03	1.73E-03	2.70E-03	5.56E-07	1.68E-06	9.71E-07	1.05E-06	9.48E-07	4.33E-07	6.76E-07	1.86E-08	4.48E-07	9.89E-08	1.42E-07	2.25E-07	3.97E-08	3.55E-07	1.33E-06
5648	482047.73	3852395.51	1.66E-03	1.79E-03	2.80E-03	5.75E-07	1.74E-06	1.01E-06	1.08E-06	9.82E-07	4.48E-07	7.00E-07	1.92E-08	4.64E-07	1.02E-07	1.47E-07	2.33E-07	4.11E-08	3.67E-07	1.37E-06
5649	482114.64	3852465.37	1.72E-03	1.85E-03	2.89E-03	5.96E-07	1.80E-06	1.04E-06	1.12E-06	1.02E-06	4.64E-07	7.24E-07	1.99E-08	4.81E-07	1.06E-07	1.52E-07	2.42E-07	4.26E-08	3.80E-07	1.42E-06
5650	482181.54	3852535.23	1.79E-03	1.92E-03	3.00E-03	6.18E-07	1.87E-06	1.08E-06	1.16E-06	1.05E-06	4.81E-07	7.50E-07	2.06E-08	4.98E-07	1.10E-07	1.58E-07	2.50E-07	4.41E-08	3.94E-07	1.48E-06
5651	482338.69	3852700.05	1.95E-03	2.10E-03	3.27E-03	6.76E-07	2.04E-06	1.18E-06	1.27E-06	1.15E-06	5.26E-07	8.19E-07	2.26E-08	5.45E-07	1.20E-07	1.73E-07	2.74E-07	4.83E-08	4.30E-07	1.61E-06
5652	482404.05	3852767.78	2.03E-03	2.19E-03	3.41E-03	7.04E-07	2.13E-06	1.23E-06	1.32E-06	1.20E-06	5.48E-07	8.53E-07	2.35E-08	5.68E-07	1.25E-07	1.80E-07	2.85E-07	5.03E-08	4.47E-07	1.68E-06
5653	482469.4	3852835.52	2.13E-03	2.29E-03	3.56E-03	7.36E-07	2.22E-06	1.29E-06	1.38E-06	1.25E-06	5.73E-07	8.90E-07	2.46E-08	5.94E-07	1.31E-07	1.88E-07	2.98E-07	5.25E-08	4.67E-07	1.75E-06
5654	482534.75	3852903.25	2.23E-03	2.40E-03	3.73E-03	7.73E-07	2.33E-06	1.35E-06	1.45E-06	1.32E-06	6.01E-07	9.34E-07	2.58E-08	6.23E-07	1.38E-07	1.97E-07	3.13E-07	5.52E-08	4.90E-07	1.84E-06
5655	482600.11	3852970.99	2.36E-03	2.54E-03	3.94E-03	8.16E-07	2.46E-06	1.43E-06	1.54E-06	1.39E-06	6.35E-07	9.86E-07	2.73E-08	6.58E-07	1.45E-07	2.08E-07	3.31E-07	5.83E-08	5.17E-07	1.95E-06
5656	482706.71	3853119.28	2.72E-03	2.92E-03	4.52E-03	9.41E-07	2.84E-06	1.64E-06	1.77E-06	1.60E-06	7.32E-07	1.13E-06	3.14E-08	7.59E-07	1.67E-07	2.40E-07	3.81E-07	6.71E-08	5.94E-07	2.24E-06
5657	482747.96	3853199.84	2.97E-03	3.20E-03	4.92E-03	1.03E-06	3.11E-06	1.80E-06	1.93E-06	1.75E-06	8.00E-07	1.23E-06	3.44E-08	8.30E-07	1.83E-07	2.62E-07	4.16E-07	7.34E-08	6.46E-07	2.45E-06
5658	482789.21	3853280.4	3.29E-03	3.54E-03	5.41E-03	1.14E-06	3.44E-06	1.99E-06	2.14E-06	1.94E-06	8.85E-07	1.35E-06	3.81E-08	9.20E-07	2.03E-07	2.91E-07	4.61E-07	8.13E-08	7.11E-07	2.70E-06
5659	482830.46	3853360.96	3.77E-03	4.04E-03	6.07E-03	1.30E-06	3.94E-06	2.28E-06	2.44E-06	2.21E-06	1.01E-06	1.52E-06	4.36E-08	1.05E-06	2.32E-07	3.32E-07	5.26E-07	9.27E-08	7.98E-07	3.08E-06
5660	482871.71	3853441.52	5.86E-03	6.19E-03	8.35E-03	2.03E-06	6.12E-06	3.54E-06	3.75E-06	3.40E-06	1.55E-06	2.09E-06	6.77E-08	1.64E-06	3.61E-07	5.09E-07	8.07E-07	1.42E-07	1.10E-06	4.62E-06
5661	482912.95	3853522.07	1.12E-02	1.16E-02	1.38E-02	3.86E-06	1.17E-05	6.75E-06	7.04E-06	6.38E-06	2.91E-06	3.46E-06	1.29E-07	3.11E-06	6.87E-07	9.55E-07	1.52E-06	2.67E-07	1.82E-06	8.48E-06
5662	482954.2	3853602.63	1.12E-02	1.17E-02	1.44E-02	3.86E-06	1.17E-05	6.75E-06	7.06E-06	6.40E-06	2.92E-06	3.61E-06	1.29E-07	3.11E-06	6.87E-07	9.59E-07	1.52E-06	2.68E-07	1.89E-06	8.57E-06
5663	482995.45	3853683.19	1.17E-02	1.24E-02	1.64E-02	4.05E-06	1.22E-05	7.09E-06	7.47E-06	6.78E-06	3.09E-06	4.09E-06	1.35E-07	3.27E-06	7.22E-07	1.01E-06	1.61E-06	2.84E-07	2.15E-06	9.18E-06

5664	483036.7	3853763.75	1.37E-02	1.46E-02	2.12E-02	4.73E-06	1.43E-05	8.26E-06	8.81E-06	7.99E-06	3.65E-06	5.29E-06	1.58E-07	3.81E-06	8.41E-07	1.20E-06	1.90E-06	3.35E-07	2.78E-06	1.10E-05
5665	483214.2	3853909.91	1.47E-02	1.59E-02	2.58E-02	5.09E-06	1.54E-05	8.89E-06	9.63E-06	8.73E-06	3.98E-06	6.47E-06	1.70E-07	4.10E-06	9.06E-07	1.31E-06	2.07E-06	3.66E-07	3.39E-06	1.23E-05
5666	483307.01	3853910.44	1.33E-02	1.44E-02	2.33E-02	4.59E-06	1.39E-05	8.03E-06	8.69E-06	7.88E-06	3.60E-06	5.84E-06	1.53E-07	3.70E-06	8.17E-07	1.18E-06	1.87E-06	3.30E-07	3.07E-06	1.11E-05
5667	483399.83	3853910.96	1.20E-02	1.30E-02	2.11E-02	4.15E-06	1.25E-05	7.25E-06	7.85E-06	7.12E-06	3.25E-06	5.27E-06	1.38E-07	3.34E-06	7.38E-07	1.07E-06	1.69E-06	2.98E-07	2.77E-06	1.00E-05
5668	483494.52	3854009.24	1.38E-02	1.50E-02	2.49E-02	4.78E-06	1.44E-05	8.35E-06	9.07E-06	8.22E-06	3.75E-06	6.23E-06	1.59E-07	3.85E-06	8.50E-07	1.23E-06	1.95E-06	3.44E-07	3.27E-06	1.17E-05
5669	483496.41	3854106.98	1.71E-02	1.86E-02	3.14E-02	5.92E-06	1.79E-05	1.03E-05	1.13E-05	1.02E-05	4.66E-06	7.85E-06	1.98E-07	4.77E-06	1.05E-06	1.53E-06	2.43E-06	4.27E-07	4.12E-06	1.45E-05
5670	483577.56	3854261.96	2.00E-02	2.18E-02	3.67E-02	6.92E-06	2.09E-05	1.21E-05	1.32E-05	1.19E-05	5.44E-06	9.18E-06	2.31E-07	5.58E-06	1.23E-06	1.79E-06	2.84E-06	5.00E-07	4.82E-06	1.70E-05
5671	483656.83	3854319.19	1.95E-02	2.12E-02	3.54E-02	6.74E-06	2.03E-05	1.18E-05	1.28E-05	1.16E-05	5.30E-06	8.87E-06	2.25E-07	5.43E-06	1.20E-06	1.74E-06	2.76E-06	4.86E-07	4.65E-06	1.65E-05
5672	483736.1	3854376.41	1.88E-02	2.05E-02	3.40E-02	6.52E-06	1.97E-05	1.14E-05	1.24E-05	1.12E-05	5.12E-06	8.51E-06	2.18E-07	5.26E-06	1.16E-06	1.68E-06	2.67E-06	4.70E-07	4.46E-06	1.59E-05
5673	483815.37	3854433.64	1.84E-02	1.99E-02	3.28E-02	6.36E-06	1.92E-05	1.11E-05	1.21E-05	1.09E-05	4.99E-06	8.21E-06	2.12E-07	5.13E-06	1.13E-06	1.64E-06	2.60E-06	4.58E-07	4.31E-06	1.55E-05
5674	483894.63	3854490.87	1.80E-02	1.96E-02	3.19E-02	6.25E-06	1.89E-05	1.09E-05	1.18E-05	1.07E-05	4.89E-06	7.99E-06	2.09E-07	5.04E-06	1.11E-06	1.61E-06	2.55E-06	4.49E-07	4.19E-06	1.52E-05
5675	483973.9	3854548.1	1.81E-02	1.96E-02	3.17E-02	6.27E-06	1.89E-05	1.10E-05	1.19E-05	1.07E-05	4.90E-06	7.93E-06	2.09E-07	5.05E-06	1.12E-06	1.61E-06	2.55E-06	4.50E-07	4.16E-06	1.52E-05
5676	484053.17	3854605.32	1.89E-02	2.05E-02	3.28E-02	6.56E-06	1.98E-05	1.15E-05	1.24E-05	1.12E-05	5.12E-06	8.21E-06	2.19E-07	5.29E-06	1.17E-06	1.68E-06	2.67E-06	4.70E-07	4.31E-06	1.58E-05
5677	484214.97	3854698.15	2.04E-02	2.20E-02	3.48E-02	7.08E-06	2.14E-05	1.24E-05	1.33E-05	1.21E-05	5.52E-06	8.70E-06	2.36E-07	5.71E-06	1.26E-06	1.81E-06	2.87E-06	5.06E-07	4.56E-06	1.70E-05
5678	484297.5	3854733.74	2.16E-02	2.32E-02	3.64E-02	7.47E-06	2.26E-05	1.31E-05	1.41E-05	1.28E-05	5.82E-06	9.12E-06	2.49E-07	6.03E-06	1.33E-06	1.91E-06	3.03E-06	5.34E-07	4.79E-06	1.79E-05
5679	484380.03	3854769.34	2.18E-02	2.34E-02	3.66E-02	7.53E-06	2.27E-05	1.32E-05	1.42E-05	1.28E-05	5.86E-06	9.16E-06	2.51E-07	6.07E-06	1.34E-06	1.92E-06	3.05E-06	5.38E-07	4.81E-06	1.80E-05
5680	484462.56	3854804.94	2.26E-02	2.43E-02	3.80E-02	7.83E-06	2.36E-05	1.37E-05	1.47E-05	1.34E-05	6.09E-06	9.51E-06	2.61E-07	6.31E-06	1.39E-06	2.00E-06	3.17E-06	5.59E-07	4.99E-06	1.87E-05
5681	484545.09	3854840.53	2.24E-02	2.41E-02	3.75E-02	7.74E-06	2.34E-05	1.35E-05	1.46E-05	1.32E-05	6.02E-06	9.40E-06	2.58E-07	6.24E-06	1.38E-06	1.98E-06	3.14E-06	5.53E-07	4.93E-06	1.85E-05
5682	484691.88	3854912.59	2.41E-02	2.60E-02	4.04E-02	8.35E-06	2.52E-05	1.46E-05	1.57E-05	1.42E-05	6.50E-06	1.01E-05	2.79E-07	6.73E-06	1.49E-06	2.13E-06	3.38E-06	5.96E-07	5.31E-06	1.99E-05
5683	484830.81	3855012.51	2.66E-02	2.86E-02	4.44E-02	9.20E-06	2.78E-05	1.61E-05	1.73E-05	1.57E-05	7.16E-06	1.11E-05	3.07E-07	7.42E-06	1.64E-06	2.35E-06	3.73E-06	6.57E-07	5.84E-06	2.19E-05
5684	484905.48	3855075.97	2.94E-02	3.16E-02	4.91E-02	1.02E-05	3.07E-05	1.78E-05	1.91E-05	1.73E-05	7.91E-06	1.23E-05	3.39E-07	8.20E-06	1.81E-06	2.60E-06	4.12E-06	7.26E-07	6.45E-06	2.42E-05
5685	484980.14	3855139.44	3.12E-02	3.36E-02	5.23E-02	1.08E-05	3.26E-05	1.89E-05	2.03E-05	1.84E-05	8.41E-06	1.31E-05	3.61E-07	8.72E-06	1.92E-06	2.76E-06	4.38E-06	7.72E-07	6.87E-06	2.58E-05
5686	485054.81	3855202.91	3.22E-02	3.47E-02	5.40E-02	1.12E-05	3.37E-05	1.95E-05	2.10E-05	1.90E-05	8.68E-06	1.35E-05	3.72E-07	8.99E-06	1.98E-06	2.85E-06	4.52E-06	7.96E-07	7.09E-06	2.66E-05
5687	485129.48	3855266.37	3.20E-02	3.44E-02	5.36E-02	1.11E-05	3.34E-05	1.93E-05	2.08E-05	1.89E-05	8.61E-06	1.34E-05	3.69E-07	8.92E-06	1.97E-06	2.83E-06	4.48E-06	7.90E-07	7.03E-06	2.64E-05
5688	485204.15	3855329.84	3.37E-02	3.63E-02	5.67E-02	1.17E-05	3.52E-05	2.04E-05	2.20E-05	1.99E-05	9.09E-06	1.42E-05	3.90E-07	9.42E-06	2.08E-06	2.98E-06	4.73E-06	8.34E-07	7.44E-06	2.79E-05
5689	485278.82	3855393.31	3.43E-02	3.69E-02	5.77E-02	1.19E-05	3.58E-05	2.07E-05	2.23E-05	2.02E-05	9.23E-06	1.44E-05	3.96E-07	9.56E-06	2.11E-06	3.03E-06	4.81E-06	8.47E-07	7.57E-06	2.83E-05
5690	485353.48	3855456.77	3.53E-02	3.81E-02	5.96E-02	1.22E-05	3.69E-05	2.14E-05	2.30E-05	2.09E-05	9.53E-06	1.49E-05	4.08E-07	9.86E-06	2.18E-06	3.13E-06	4.96E-06	8.74E-07	7.83E-06	2.92E-05
5691	485428.15	3855520.24	3.57E-02	3.84E-02	6.03E-02	1.24E-05	3.73E-05	2.16E-05	2.33E-05	2.11E-05	9.62E-06	1.51E-05	4.12E-07	9.96E-06	2.20E-06	3.16E-06	5.01E-06	8.83E-07	7.93E-06	2.95E-05
5692	485502.82	3855583.71	3.61E-02	3.89E-02	6.12E-02	1.25E-05	3.78E-05	2.19E-05	2.36E-05	2.14E-05	9.75E-06	1.53E-05	4.18E-07	1.01E-05	2.23E-06	3.20E-06	5.08E-06	8.95E-07	8.04E-06	2.99E-05
5693	485577.49	3855647.17	3.75E-02	4.05E-02	6.38E-02	1.30E-05	3.92E-05	2.27E-05	2.45E-05	2.22E-05	1.01E-05	1.60E-05	4.34E-07	1.05E-05	2.31E-06	3.32E-06	5.27E-06	9.29E-07	8.38E-06	3.11E-05
5694	485652.16	3855710.64	3.89E-02	4.19E-02	6.63E-02	1.35E-05	4.06E-05	2.35E-05	2.54E-05	2.30E-05	1.05E-05	1.66E-05	4.49E-07	1.09E-05	2.40E-06	3.45E-06	5.47E-06	9.63E-07	8.71E-06	3.23E-05
5695	485726.83	3855774.11	3.93E-02	4.24E-02	6.72E-02	1.36E-05	4.11E-05	2.38E-05	2.57E-05	2.33E-05	1.06E-05	1.68E-05	4.54E-07	1.10E-05	2.42E-06	3.48E-06	5.53E-06	9.74E-07	8.82E-06	3.27E-05
5696	485801.49	3855837.57	3.92E-02	4.23E-02	6.70E-02	1.36E-05	4.09E-05	2.37E-05	2.56E-05	2.32E-05	1.06E-05	1.68E-05	4.53E-07	1.09E-05	2.41E-06	3.47E-06	5.51E-06	9.71E-07	8.81E-06	3.26E-05
5697	485876.16	3855901.04	3.95E-02	4.26E-02	6.77E-02	1.37E-05	4.13E-05	2.39E-05	2.58E-05	2.34E-05	1.07E-05	1.70E-05	4.56E-07	1.10E-05	2.43E-06	3.50E-06	5.55E-06	9.79E-07	8.90E-06	3.28E-05
5698	485950.83	3855964.5	3.94E-02	4.26E-02	6.77E-02	1.36E-05	4.12E-05	2.38E-05	2.57E-05	2.33E-05	1.06E-05	1.69E-05	4.56E-07	1.10E-05	2.43E-06	3.50E-06	5.55E-06	9.77E-07	8.89E-06	3.28E-05
5699	486025.5	3856027.97	3.88E-02	4.19E-02	6.67E-02	1.34E-05	4.05E-05	2.35E-05	2.53E-05	2.30E-05	1.05E-05	1.67E-05	4.48E-07	1.08E-05	2.39E-06	3.44E-06	5.46E-06	9.61E-07	8.76E-06	3.23E-05
5700	486100.17	3856091.44	4.05E-02	4.38E-02	6.98E-02	1.40E-05	4.23E-05	2.45E-05	2.65E-05	2.40E-05	1.10E-05	1.75E-05	4.68E-07	1.13E-05	2.50E-06	3.60E-06	5.70E-06	1.01E-06	9.17E-06	3.38E-05
5701	486174.83	3856154.9	3.95E-02	4.27E-02	6.82E-02	1.37E-05	4.13E-05	2.39E-05	2.58E-05	2.34E-05	1.07E-05	1.71E-05	4.57E-07	1.10E-05	2.44E-06	3.51E-06	5.57E-06	9.81E-07	8.96E-06	3.30E-05
5702	486249.5	3856218.37	3.71E-02	4.01E-02	6.41E-02	1.28E-05	3.88E-05	2.25E-05	2.43E-05	2.20E-05	1.00E-05	1.60E-05	4.29E-07	1.04E-05	2.29E-06	3.29E-06	5.23E-06	9.21E-07	8.42E-06	3.09E-05
5703	486324.17	3856281.84	3.53E-02	3.82E-02	6.10E-02	1.22E-05	3.69E-05	2.14E-05	2.31E-05	2.09E-05	9.55E-06	1.53E-05	4.08E-07	9.86E-06	2.18E-06	3.13E-06	4.97E-06	8.76E-07	8.01E-06	2.94E-05
5704	486398.84	3856345.3	3.61E-02	3.90E-02	6.23E-02	1.25E-05	3.77E-05	2.18E-05	2.36E-05	2.14E-05	9.75E-06	1.56E-05	4.17E-07	1.01E-05	2.22E-06	3.20E-06	5.08E-06	8.95E-07	8.19E-06	3.01E-05
5705	486473.51	3856408.77	3.62E-02	3.91E-02	6.26E-02	1.25E-05	3.78E-05	2.19E-05	2.37E-05	2.15E-05	9.79E-06	1.57E-05	4.19E-07	1.01E-05	2.23E-06	3.21E-06	5.10E-06	8.99E-07	8.22E-06	3.02E-05
5706	486548.17	3856472.24	3.72E-02	4.02E-02	6.42E-02	1.29E-05	3.88E-05	2.25E-05	2.43E-05	2.20E-05	1.00E-05	1.61E-05	4.30E-07	1.04E-05	2.29E-06	3.30E-06	5.23E-06	9.22E-07	8.44E-06	3.10E-05
5707	486622.84	3856535.7	3.82E-02	4.13E-02	6.60E-02	1.32E-05	3.99E-05	2.31E-05	2.50E-05	2.26E-05	1.03E-05	1.65E-05	4.42E-07	1.07E-05	2.35E-06	3.39E-06	5.38E-06	9.48E-07	8.68E-06	3.19E-05
5708	486765.48	3856659.69	4.10E-02	4.43E-02	7.08E-02	1.42E-05	4.28E-05	2.48E-05	2.68E-05	2.43E-05	1.11E-05	1.77E-05	4.74E-07	1.14E-05	2.52E-06	3.64E-06	5.77E-06	1.02E-06	9.31E-06	3.42E-05
5709	486833.44	3856720.2	4.20E-02	4.54E-02	7.27E-02	1.46E-05	4.39E-05	2.54E-05	2.75E-05	2.49E-05	1.14E-05	1.82E-05	4.86E-07	1.17E-05	2.59E-06	3.73E-06	5.92E-06	1.04E-06	9.55E-06	3.51E-05
5710	486901.41	3856780.72	4.34E-02	4.69E-02	7.51E-02	1.50E-05	4.54E-05	2.63E-05	2.84E-05	2.57E-05	1.17E-05	1.88E-05	5.02E-07	1.21E-05	2.67E-06	3.85E-06	6.11E-06	1.08E-06	9.86E-06	3.62E-05
5711	486969.38	3856841.24	4.45E-02	4.81E-02	7.70E-02	1.54E-05	4.65E-05	2.69E-05	2.91E-05	2.64E-05	1.20E-05	1.93E-05	5.14E-07	1.24E-05	2.74E-06	3.95E-06	6.26E-06	1.10E-06	1.01E-05	3.71E-05
5712	487037.34	3856901.75	4.54E-02	4.91E-02	7.87E-02	1.57E-05	4.75E-05	2.75E-05	2.97E-05	2.69E-05	1.23E-05	1.97E-05	5.25E-07	1.27E-05	2.80E-06	4.03E-06	6.40E-06	1.13E-06	1.03E-05	3.79E-05
5713	487271.23	3856855.51	3.79E-02	4.09E-02	6.55E-02	1.31E-05	3.96E-05	2.29E-05	2.48E-05	2.25E-05	1.02E-05	1.64E-05	4.38E-07	1.06E-05	2.33E-06	3.36E-06	5.34E-06	9.40E-07	8.61E-06	3.16E-05
5714	487368.96	3856857.29	3.60E-02	3.89E-02	6.23E-02	1.25E-05	3.77E-05	2.18E-05	2.36E-05	2.14E-05	9.75E-06	1.56E-05	4.17E-07	1.01E-05	2.22E-06	3.20E-06	5.08E-06	8.95E-07	8.19E-06	3.01E-05
5715	487466.68	3856859.06	3.45E-02	3.72E-02	5.96E-02	1.19E-05	3.60E-05	2.08E-05	2.25E-05	2.04E-05	9.32E-06	1.49E-05	3.98E-07	9.62E-06	2.12E-06	3.06E-06	4.85E-06	8.55E-07	7.83E-06	2.87E-05
5716	487636.44	3856930	3.34E-02	3.61E-02	5.78E-02	1.16E-05	3.49E-05	2.02E-05	2.19E-05	1.98E-05	9.04E-06	1.45E-05	3.86E-07	9.33E-06	2.06E-06	2.97E-06	4.71E-06	8.30E-07	7.60E-06	2.79E-05
5717	487709.57	3856928.43	3.23E-02	3.49E-02	5.59E-02	1.12E-05	3.38E-05	1.96E-05	2.11E-05	1.92E-05	8.74E-06	1.40E-05	3.74E-07	9.02E-06	1.99E-06	2.87E-06	4.55E-06	8.02E-07	7.34E-06	2.70E-05
5718	487782.55	3856841.96	2.95E-02	3.19E-02	5.11E-02	1.02E-05	3.09E-05	1.79E-05	1.93E-05	1.75E-05	7.99E-06	1.28E-05	3.42E-07	8.25E-06	1.82E-06	2.62E-06	4.16E-06	7.33E-07	6.71E-06	2.46E-05
5719	487849.83	3856754.74	2.73E-02	2.95E-02	4.71E-02	9.44E-06	2.85E-05	1.65E-05	1.78E-05	1.62E-05	7.37E-06	1.18E-05	3.15E-07	7.61E-06	1.68E-06	2.42E-06	3.84E-06	6.76E-07	6.18E-06	2.27E-05
5720	487918.03	3856819.39	2.77E-02	2.99E-02	4.78E-02	9.58E-06	2.89E-05	1.67E-05	1.81E-05	1.64E-05	7.48E-06	1.20E-05	3.20E-07	7.73E-06	1.70E-06	2.46E-06	3.90E-06	6.87E-07	6.28E-06	2.31E-05
5721	487918.8	3856886.37	2.88E-02	3.11E-02	4.98E-02	9.97E-06	3.01E-05	1.74E-05	1.88E-05	1.71E-05	7.79E-06	1.25E-05	3.33E-07	8.04E-06	1.77E-06	2.56E-06	4.06E-06	7.15E-07	6.54E-06	2.40E-05
5722	488065.47	3857127.51	3.08E-02	3.33E-02	5.35E-02	1.07E-05	3.22E-05	1.87E-05	2.02E-05	1.83E-05	8.35E-06	1.34E-05	3.57E-07	8.61E-06	1.90E-06	2.74E-06	4.35E-06	7.66E-07	7.02E-06	2.57E-05
5723	488192.19	3857385.84	3.33E-02	3.60E-02	5.79E-02	1.15E-05	3.48E-05	2.01E-05	2.18E-05	1.97E-05	9.00E-06	1.45E-05	3.84E-07	9.28E-06	2.05E-06	2.95E-06	4.69E-06	8.26E-07	7.60E-06	2.78E-05
5724	488191.22	3857473.87	3.47E-02	3.76E-02	6.05E-02	1.20E-05	3.63E-05	2.10E-05	2.27E-05	2.06E-05	9.40E-06	1.51E-05	4.01E-07	9.70E-06	2.14E-06	3.09E-06	4.90E-06	8.63E-07	7.95E-06	2.90E-05
5725	488190.24	3857561.91	3.62E-02	3.92E-02	6.32E-02	1.25E-05	3.79E-05	2.19E-05	2.37E-05	2.15E-05	9.81E-06	1.58E-05	4.19E-07	1.01E-05	2.23E-06	3.22E-06	5.11E-06	9.00E-07	8.30E-06	3.03E-05
5726	488158.35	3857691.13	3.95E-02	4.27E-02	6.89E-02	1.37E-05	4.12E-05	2.39E-05	2.58E-05	2.34E-05	1.07E-05	1.72E-05	4.56E-07	1.10E-05	2.43E-06	3.51E-06	5.56E-06	9.81E-07	9.05E-06	3.30E-05
5727	488208.37	3857816.66	4.03E-02	4.36E-02	7.04E-02	1.39E-05	4.21E-05	2.44E-05	2.64E-05	2.39E-05	1.09E-05	1.76E-05	4.66E-07	1.12E-05	2.48E-06	3.58E-06	5.68E-06	1.00E-06	9.25E-06	3.37E-05
5728	488271.97	3857874.6	3.92E-02	4.24E-02	6.85E-02	1.36E-05	4.09E-05	2.37E-05	2.56E-05	2.32E-05	1.06E-05	1.71E-05	4.53E-07	1.09E-05	2.41E-06	3.48E-06	5.52E-06	9.73E-07	9.00E-06	3.28E-05
5729	488463.56	3857942.31	3.44E-02	3.72E-02	6.00E-02	1.19E-05	3.59E-05	2.08E-05	2.25E-05	2.04E-05	9.31E-06	1.50E-05	3.98E-07	9.60E-06	2.12E-06	3.06E-06	4.85E-06	8.55E-07	7.88E-06	2.88E-05
5730	488554.83	3857940.83	3.22E-02	3.48E-02	5.61E-02	1.11E-05	3.36E-05	1.95E-05	2.11E-05	1.91E-05	8.71E-06	1.40E-05	3.72E-07	8.98E-06	1.98E-06	2.86E-06	4.53E-06	7.99E-07	7.36E-06	2.69E-05
5731	488646.1	3857939.36	3.02E-02	3.27E-02	5.26E-02	1.05E-05	3.16E-05	1.83E-05	1.98E-05	1.79E-05	8.18E-06	1.32E-05	3.49E-07	8.44E-06	1.86E-06	2.68E-06	4.26E-06	7.51E-07	6.91E-06	2.53E-05
5732	488737.37	3857937.88	2.85E-02	3.08E-02	4.96E-02	9.86E-06	2.98E-05	1.72E-05	1.86E-05	1.69E-05	7.71E-06	1.24E-05	3.29E-07	7.95E-06	1.75E-06	2.53E-06	4.01E-06	7.07E-07	6.51E-06	2.38E-05
5733	488733.59	3857960.57	2.86E-02	3.10E-02	4.99E-02	9.91E-06	2.99E-05	1.73E-05	1.87E-05	1.70E-05	7.75E-06	1.25E-05	3.31E-07	7.99E-06	1.76E-06	2.54E-06	4.04E-06	7.11E-07	6.55E-06	2.39E-05
5734	488638.09	3857961.57	3.05E-02	3.30E-02	5.31E-02	1.06E-05	3.19E-05	1.85E-05	2.00E-05	1.81E-05	8.25E-06	1.33E-05	3.52E-07	8.51E-06	1.88E-06	2.71E-06	4.30E-06	7.58E-07	6.98E-06	2.55E-05
5735	488542.6	3857962.56	3.26E-02	3.53E-02	5.68E-02	1.13E-05	3.41E-05	1.97E-05	2.13E-05	1.93E-05	8.82E-06	1.42E-05	3.77E-07	9.10E-06	2.01E-06	2.90E-06	4.60E-06	8.10E-07	7.46E-06	2.73E-05
5736	488447.1	3857963.56	3.50E-02	3.79E-02	6.11E-02	1.21E-05	3.66E-05	2.12E-05	2.29E-05	2.08E-05	9.48E-06	1.53E-05	4.05E-07	9.78E-06	2.16E-06	3.11E-06	4.94E-06	8.70E-07	8.03E-06	2.93E-05
5737	488254.28	3857890.36	4.00E-02	4.33E-02	7.00E-02	1.38E-05	4.18E-05	2.42E-05	2.62E-05	2.37E-05	1.08E-05	1.75E-05	4.62E-07	1.12E-05	2.46E-06	3.56E-06	5.64E-06	9.94E-07	9.20E-06	3.35E-05
5738	488191.69	3857833.06	4.12E-02	4.46E-02	7.21E-02	1.42E-05	4.30E-05	2.49E-05	2.70E-05	2.44E-05	1.12E-05	1.80E-05	4.76E-07	1.15E-05	2.54E-06	3.66E-06	5.81E-06	1.02E-06	9.46E-06	3.45E-05
5739	488129.5	3857907.43	4.51E-02	4.89E-02	7.93E-02	1.56E-05	4.72E-05	2.73E-05	2.96E-05	2.68E-05	1.22E-05	1.98E-05	5.22E-07	1.26E-05	2.78E-06	4.01E-06	6.37E-06	1.12E-06	1.04E-05	3.78E-05
5740	488196.47	3857968.74	4.36E-02	4.72E-02	7.66E-02	1.51E-05	4.56E-05	2.64E-05	2.86E-05	2.59E-05	1.18E-05	1.92E-05	5.04E-07	1.22E-05	2.69E-06	3.88E-06	6.16E-06	1.08E-06	1.01E-05	3.66E-05
5741	488263.44	3858030.04	4.22E-02	4.57E-02	7.41E-02	1.46E-05	4.41E-05	2.55E-05	2.76E-05	2.50E-05	1.14E-05	1.85E-05	4.87E-07	1.18E-05	2.60E-06	3.75E-06	5.95E-06	1.05E-06	9.73E-06	3.53E-05
5742	488400.64	3858132.9	3.85E-02	4.17E-02	6.74E-02	1.33E-05	4.02E-05	2.33E-05	2.52E-05	2.29E-05	1.04E-05	1.69E-05	4.45E-07	1.08E-05	2.37E-06	3.42E-06	5.43E-06	9.57E-07	8.86E-06	3.22E-05
5743	488519.89	3858218.38	3.42E-02	3.69E-02	5.94E-02	1.18E-05	3.57E-05	2.07E-05	2.24E-05	2.03E-05	9.25E-06	1.49E-05	3.95E-07	9.54E-06	2.10E-06	3.03E-06	4.81E-06	8.48E-07	7.80E-06	2.85E-05
5744	488647.97	3858214.99	3.02E-02	3.26E-02	5.24E-02	1.05E-05	3.16E-05	1.83E-05	1.98E-05	1.79E-05	8.17E-06	1.31E-05	3.49E-07	8.43E-06	1.86E-06	2.68E-06	4.25E-06	7.50E-07	6.89E-06	2.52E-05
5745	488727.05	3858167.67	2.86E-02	3.09E-02	4.96E-02	9.89E-06	2.99E-05	1.73E-05	1.87E-05	1.69E-05	7.73E-06	1.24E-05	3.30E-07	7.98E-06	1.76E-06	2.54E-06	4.03E-06	7.10E-07	6.52E-06	2.39E-05
5746	488806.12	3858120.35	2.72E-02	2.94E-02	4.72E-02	9.41E-06	2.84E-05	1.64E-05	1.78E-05	1.61E-05	7.36E-06	1.18E-05	3.14E-07	7.59E-06	1.67E-06	2.41E-06	3.83E-06	6.75E-07	6.21E-06	2.27E-05
5747	488885.2	3858073.03	2.59E-02	2.80E-02	4.51E-02	8.98E-06	2.71E-05	1.57E-05	1.70E-05	1.54E-05	7.02E-06	1.13E-05	3.00E-07	7.24E-06	1.60E-06	2.30E-06	3.65E-06	6.44E-07	5.92E-06	2.17E-05
5748	489055.76	3857991.18	2.36E-02	2.56E-02	4.11E-02	8.18E-06	2.47E-05	1.43E-05	1.55E-05	1.40E-05	6.40E-06	1.03E-05	2.73E-07	6.60E-06	1.46E-06	2.10E-06	3.33E-06	5.87E-07	5.40E-06	1.97E-05
5749	489245.39	3857944.55	2.15E-02	2.33E-02	3.74E-02	7.45E-06	2.25E-05	1.30E-05	1.41E-05	1.28E-05	5.82E-06	9.37E-06	2.49E-07	6.01E-06	1.33E-06	1.91E-06	3.03E-06	5.34E-07	4.92E-06	1.80E-05
5750	489430.63	3857930.91	1.97E-02	2.13E-02	3.42E-02	6.81E-06	2.06E-05	1.19E-05	1.29E-05	1.17E-05	5.32E-06	8.56E-06	2.27E-07	5.49E-06	1.21E-06	1.75E-06	2.77E-06	4.89E-07	4.49E-06	1.64E-05
5751	489517.74	3857929.36	1.89E-02	2.04E-02	3.28E-02	6.54E-06	1.97E-05	1.14E-05	1.24E-05	1.12E-05	5.11E-06	8.22E-06	2.18E-07	5.27E-06	1.16E-06	1.68E-06	2.66E-06	4.69E-07	4.31E-06	1.58E-05
5752	489604.86	3857927.82	1.82E-02	1.96E-02	3.16E-02	6.28E-06	1.90E-05	1.10E-05	1.19E-05	1.08E-05	4.91E-06	7.90E-06	2.10E-07	5.07E-06	1.12E-06	1.61E-06	2.56E-06	4.51E-07	4.15E-06	1.52E-05
5753	489691.97	3857926.28	1.75E-02	1.89E-02	3.04E-02	6.05E-06	1.83E-05	1.06E-05	1.14E-05	1.04E-05	4.73E-06	7.60E-06	2.02E-07	4.88E-06	1.08E-06	1.55E-06	2.46E-06	4.34E-07	3.99E-06	1.46E-05
5754	489779.08	3857924.73	1.68E-02	1.82E-02	2.92E-02	5.83E-06	1.76E-05	1.02E-05	1.10E-05	9.98E-06	4.55E-06	7.32E-06	1.95E-07	4.70E-06	1.04E-06	1.49E-06	2.37E-06	4.18E-07	3.84E-06	1.41E-05
5755	490017.55	3857875.09	1.54E-02	1.66E-02	2.67E-02	5.32E-06	1.61E-05	9.30E-06	1.01E-05	9.12E-06	4.16E-06	6.68E-06	1.78E-07	4.29E-06	9.47E-07	1.37E-06	2.17E-06	3.82E-07	3.51E-06	1.28E-05
5756	490033.82	3857960.81	1.50E-02	1.63E-02	2.61E-02	5.21E-06	1.57E-05	9.10E-06	9.84E-06	8.92E-06	4.07E-06	6.53E-06	1.74E-07	4.20E-06	9.27E-07	1.34E-06	2.12E-06	3.74E-07	3.43E-06	1.26E-05
5757	489959.15	3857987.49	1.54E-02	1.67E-02	2.67E-02	5.34E-06	1.61E-05	9.33E-06	1.01E-05	9.14E-06	4.17E-06	6.69E-06	1.78E-07	4.31E-06	9.50E-07	1.37E-06	2.17E-06	3.83E-07	3.51E-06	1.29E-05
5758	489791.49	3858016.12	1.64E-02	1.78E-02	2.85E-02	5.68E-06	1.72E-05	9.93E-06	1.07E-05	9.74E-06	4.44E-06	7.13E-06	1.90E-07	4.58E-06	1.01E-06	1.46E-06	2.31E-06	4.08E-07	3.74E-06	1.37E-05
5759	489698.51	3858018.07	1.71E-02	1.85E-02	2.97E-02	5.92E-06	1.79E-05	1.03E-05	1.12E-05	1.01E-05	4.63E-06	7.43E-06	1.98E-07	4.77E-06	1.05E-06	1.52E-06	2.41E-06	4.25E-07	3.90E-06	1.43E-05
5760	489605.52	3858020.02	1.78E-02	1.93E-02	3.10E-02	6.17E-06	1.86E-05	1.08E-05	1.17E-05	1.06E-05	4.82E-06	7.75E-06	2.06E-07	4.98E-06	1.10E-06	1.58E-06	2.51E-06	4.43E-07	4.07E-06	1.49E-05
5761	489512.53	3858021.96	1.86E-02	2.01E-02	3.23E-02	6.44E-06	1.94E-05	1.13E-05	1.22E-05	1.10E-05	5.04E-06	8.09E-06	2.15E-07	5.20E-06	1.15E-06	1.65E-06	2.62E-06	4.62E-07	4.25E-06	1.55E-05
5762	489419.55	3858023.91	1.95E-02	2.10E-02	3.38E-02	6.73E-06	2.03E-05	1.18E-05	1.27E-05	1.15E-05	5.26E-06	8.46E-06	2.25E-07	5.43E-06	1.20E-06	1.73E-06	2.74E-06	4.83E-07	4.44E-06	1.62E-05
5763	489228.47	3858041.29	2.14E-02	2.31E-02	3.72E-02	7.41E-06	2.24E-05	1.30E-05	1.40E-05	1.27E-05	5.79E-06	9.32E-06	2.47E-07	5.98E-06	1.32E-06	1.90E-06	3.02E-06	5.32E-07	4.89E-06	1.79E-05
5764	489065.75	3858085.78	2.32E-02	2.51E-02	4.03E-02	8.03E-06	2.42E-05	1.40E-05	1.52E-05	1.38E-05	6.28E-06	1.01E-05	2.68E-07	6.48E-06	1.43E-06	2.06E-06	3.27E-06	5.76E-07	5.30E-06	1.94E-05
5765	489001.12	3858114.86	2.40E-02	2.59E-02	4.16E-02	8.29E-06	2.50E-05	1.45E-05	1.57E-05	1.42E-05	6.48E-06	1.04E-05	2.77E-07	6.69E-06	1.48E-06	2.13E-06	3.38E-06	5.95E-07	5.47E-06	2.00E-05
5766	488861.89	3858189.81	2.58E-02	2.79E-02	4.48E-02	8.92E-06	2.69E-05	1.56E-05	1.69E-05	1.53E-05	6.97E-06	1.12E-05	2.98E-07	7.19E-06	1.59E-06	2.29E-06	3.63E-06	6.40E-07	5.88E-06	2.15E-05
5767	488787.29	3858235.69	2.67E-02	2.89E-02	4.63E-02	9.24E-06	2.79E-05	1.62E-05	1.75E-05	1.58E-05	7.22E-06	1.16E-05	3.09E-07	7.45E-06	1.64E-06	2.37E-06	3.76E-06	6.63E-07	6.08E-06	2.23E-05
5768	488712.68	3858281.57	2.78E-02	3.01E-02	4.82E-02	9.63E-06	2.91E-05	1.68E-05	1.82E-05	1.65E-05	7.53E-06	1.21E-05	3.22E-07	7.77E-06	1.71E-06	2.47E-06	3.92E-06	6.91E-07	6.33E-06	2.32E-05

5769	488654.39	3858436.17	2.53E-02	2.73E-02	4.28E-02	8.77E-06	2.65E-05	1.53E-05	1.65E-05	1.50E-05	6.83E-06	1.07E-05	2.93E-07	7.08E-06	1.56E-06	2.24E-06	3.56E-06	6.27E-07	5.62E-06	2.10E-05
5770	488726.31	3858505.26	2.21E-02	2.37E-02	3.64E-02	7.63E-06	2.30E-05	1.33E-05	1.43E-05	1.30E-05	5.93E-06	9.11E-06	2.55E-07	6.16E-06	1.36E-06	1.95E-06	3.09E-06	5.44E-07	4.78E-06	1.81E-05
5771	488880.6	3858599.28	1.82E-02	1.95E-02	2.93E-02	6.31E-06	1.91E-05	1.10E-05	1.18E-05	1.07E-05	4.89E-06	7.33E-06	2.11E-07	5.09E-06	1.12E-06	1.60E-06	2.55E-06	4.49E-07	3.85E-06	1.49E-05
5772	489008.06	3858714.75	1.58E-02	1.68E-02	2.44E-02	5.46E-06	1.65E-05	9.54E-06	1.02E-05	9.23E-06	4.21E-06	6.11E-06	1.82E-07	4.40E-06	9.72E-07	1.38E-06	2.19E-06	3.86E-07	3.21E-06	1.27E-05
5773	489071.48	3858772.72	1.47E-02	1.57E-02	2.25E-02	5.09E-06	1.54E-05	8.89E-06	9.47E-06	8.59E-06	3.92E-06	5.63E-06	1.70E-07	4.10E-06	9.06E-07	1.29E-06	2.04E-06	3.60E-07	2.95E-06	1.18E-05
5774	489244.6	3858920.2	1.07E-02	1.14E-02	1.69E-02	3.71E-06	1.12E-05	6.48E-06	6.93E-06	6.28E-06	2.86E-06	4.23E-06	1.24E-07	2.99E-06	6.60E-07	9.40E-07	1.49E-06	2.63E-07	2.22E-06	8.69E-06
5775	489239.69	3858952.23	1.01E-02	1.08E-02	1.60E-02	3.51E-06	1.06E-05	6.13E-06	6.55E-06	5.94E-06	2.71E-06	4.02E-06	1.17E-07	2.83E-06	6.24E-07	8.90E-07	1.41E-06	2.49E-07	2.11E-06	8.23E-06
5776	489121.67	3858854.49	1.30E-02	1.39E-02	1.98E-02	4.51E-06	1.36E-05	7.88E-06	8.39E-06	7.60E-06	3.47E-06	4.96E-06	1.50E-07	3.64E-06	8.02E-07	1.14E-06	1.81E-06	3.18E-07	2.60E-06	1.05E-05
5777	489059.59	3858797.27	1.47E-02	1.56E-02	2.21E-02	5.08E-06	1.53E-05	8.87E-06	9.44E-06	8.55E-06	3.90E-06	5.54E-06	1.69E-07	4.09E-06	9.03E-07	1.28E-06	2.03E-06	3.58E-07	2.91E-06	1.17E-05
5778	488997.52	3858740.04	1.58E-02	1.68E-02	2.41E-02	5.46E-06	1.65E-05	9.54E-06	1.02E-05	9.21E-06	4.20E-06	6.02E-06	1.82E-07	4.40E-06	9.71E-07	1.38E-06	2.19E-06	3.85E-07	3.16E-06	1.27E-05
5779	488935.44	3858682.82	1.68E-02	1.79E-02	2.60E-02	5.80E-06	1.75E-05	1.01E-05	1.08E-05	9.81E-06	4.48E-06	6.52E-06	1.94E-07	4.68E-06	1.03E-06	1.47E-06	2.33E-06	4.11E-07	3.42E-06	1.35E-05
5780	488869.17	3858848.43	2.10E-02	2.20E-02	2.76E-02	7.26E-06	2.19E-05	1.27E-05	1.33E-05	1.21E-05	5.50E-06	6.90E-06	2.42E-07	5.85E-06	1.29E-06	1.81E-06	2.86E-06	5.05E-07	3.62E-06	1.62E-05
5781	488932.48	3858892.69	1.64E-02	1.73E-02	2.27E-02	5.69E-06	1.72E-05	9.95E-06	1.05E-05	9.50E-06	4.34E-06	5.67E-06	1.90E-07	4.59E-06	1.01E-06	1.42E-06	2.26E-06	3.98E-07	2.98E-06	1.29E-05
5782	489063.27	3858977.17	1.02E-02	1.09E-02	1.58E-02	3.53E-06	1.07E-05	6.17E-06	6.59E-06	5.97E-06	2.72E-06	3.96E-06	1.18E-07	2.85E-06	6.29E-07	8.94E-07	1.42E-06	2.50E-07	2.08E-06	8.24E-06
5783	489248.2	3859117.15	7.45E-03	7.99E-03	1.22E-02	2.58E-06	7.79E-06	4.51E-06	4.84E-06	4.39E-06	2.00E-06	3.05E-06	8.61E-08	2.08E-06	4.59E-07	6.57E-07	1.04E-06	1.84E-07	1.60E-06	6.11E-06
5784	489296.25	3859049.22	8.38E-03	8.98E-03	1.36E-02	2.90E-06	8.75E-06	5.07E-06	5.43E-06	4.93E-06	2.25E-06	3.40E-06	9.68E-08	2.34E-06	5.16E-07	7.38E-07	1.17E-06	2.06E-07	1.78E-06	6.85E-06
5785	489353.38	3858993.97	9.11E-03	9.77E-03	1.47E-02	3.15E-06	9.52E-06	5.51E-06	5.91E-06	5.36E-06	2.44E-06	3.68E-06	1.05E-07	2.54E-06	5.61E-07	8.02E-07	1.27E-06	2.24E-07	1.93E-06	7.44E-06
5786	489537.25	3859120.22	7.39E-03	7.94E-03	1.22E-02	2.56E-06	7.72E-06	4.47E-06	4.80E-06	4.35E-06	1.99E-06	3.06E-06	8.54E-08	2.06E-06	4.55E-07	6.52E-07	1.03E-06	1.82E-07	1.60E-06	6.08E-06
5787	489726.98	3859246.04	6.27E-03	6.74E-03	1.05E-02	2.17E-06	6.55E-06	3.79E-06	4.08E-06	3.70E-06	1.69E-06	2.62E-06	7.24E-08	1.75E-06	3.86E-07	5.54E-07	8.79E-07	1.55E-07	1.37E-06	5.17E-06
5788	489911.46	3859366.33	5.50E-03	5.92E-03	9.24E-03	1.90E-06	5.74E-06	3.33E-06	3.58E-06	3.25E-06	1.48E-06	2.31E-06	6.35E-08	1.53E-06	3.39E-07	4.86E-07	7.71E-07	1.36E-07	1.21E-06	4.54E-06
5789	490035.3	3859430.26	5.14E-03	5.54E-03	8.66E-03	1.78E-06	5.37E-06	3.11E-06	3.35E-06	3.04E-06	1.39E-06	2.17E-06	5.94E-08	1.44E-06	3.17E-07	4.55E-07	7.21E-07	1.27E-07	1.14E-06	4.25E-06
5790	490101.11	3859458.61	5.00E-03	5.39E-03	8.44E-03	1.73E-06	5.23E-06	3.03E-06	3.26E-06	2.96E-06	1.35E-06	2.11E-06	5.79E-08	1.40E-06	3.08E-07	4.43E-07	7.03E-07	1.24E-07	1.11E-06	4.14E-06
5791	490312.68	3859560.3	4.57E-03	4.93E-03	7.74E-03	1.58E-06	4.78E-06	2.77E-06	2.98E-06	2.70E-06	1.23E-06	1.94E-06	5.29E-08	1.28E-06	2.82E-07	4.05E-07	6.42E-07	1.13E-07	1.02E-06	3.79E-06
5792	490401.63	3859603.12	4.42E-03	4.76E-03	7.48E-03	1.53E-06	4.62E-06	2.67E-06	2.88E-06	2.61E-06	1.19E-06	1.87E-06	5.10E-08	1.23E-06	2.72E-07	3.91E-07	6.20E-07	1.09E-07	9.82E-07	3.66E-06
5793	490490.57	3859645.94	4.27E-03	4.61E-03	7.24E-03	1.48E-06	4.47E-06	2.59E-06	2.79E-06	2.53E-06	1.15E-06	1.81E-06	4.94E-08	1.19E-06	2.63E-07	3.78E-07	6.00E-07	1.06E-07	9.52E-07	3.54E-06
5794	490579.51	3859688.76	4.14E-03	4.47E-03	7.03E-03	1.43E-06	4.33E-06	2.51E-06	2.70E-06	2.45E-06	1.12E-06	1.76E-06	4.79E-08	1.16E-06	2.55E-07	3.67E-07	5.82E-07	1.03E-07	9.23E-07	3.43E-06
5795	490668.45	3859731.58	4.02E-03	4.34E-03	6.84E-03	1.39E-06	4.21E-06	2.43E-06	2.63E-06	2.38E-06	1.09E-06	1.71E-06	4.65E-08	1.12E-06	2.48E-07	3.56E-07	5.65E-07	9.97E-08	8.98E-07	3.34E-06
5796	490757.4	3859774.4	3.90E-03	4.20E-03	6.63E-03	1.35E-06	4.07E-06	2.36E-06	2.54E-06	2.31E-06	1.05E-06	1.66E-06	4.50E-08	1.09E-06	2.40E-07	3.45E-07	5.48E-07	9.65E-08	8.70E-07	3.23E-06
5797	491003.53	3859861.82	3.67E-03	3.96E-03	6.26E-03	1.27E-06	3.84E-06	2.22E-06	2.40E-06	2.17E-06	9.92E-07	1.57E-06	4.25E-08	1.03E-06	2.26E-07	3.26E-07	5.17E-07	9.10E-08	8.22E-07	3.05E-06
5798	491081.41	3859879.05	3.63E-03	3.92E-03	6.19E-03	1.26E-06	3.80E-06	2.20E-06	2.37E-06	2.15E-06	9.81E-07	1.55E-06	4.20E-08	1.01E-06	2.24E-07	3.22E-07	5.11E-07	9.00E-08	8.13E-07	3.02E-06
5799	491229.76	3859917.82	3.53E-03	3.81E-03	6.02E-03	1.22E-06	3.69E-06	2.14E-06	2.31E-06	2.09E-06	9.54E-07	1.51E-06	4.08E-08	9.87E-07	2.18E-07	3.13E-07	4.97E-07	8.75E-08	7.91E-07	2.93E-06
5800	491300.22	3859939.35	3.48E-03	3.75E-03	5.93E-03	1.20E-06	3.63E-06	2.10E-06	2.27E-06	2.06E-06	9.39E-07	1.48E-06	4.02E-08	9.71E-07	2.14E-07	3.08E-07	4.89E-07	8.61E-08	7.79E-07	2.89E-06
5801	491350.49	3860012.03	3.29E-03	3.55E-03	5.61E-03	1.14E-06	3.44E-06	1.99E-06	2.15E-06	1.95E-06	8.88E-07	1.40E-06	3.80E-08	9.18E-07	2.03E-07	2.91E-07	4.62E-07	8.15E-08	7.36E-07	2.73E-06
5802	491406.82	3860092.57	3.11E-03	3.35E-03	5.30E-03	1.08E-06	3.25E-06	1.88E-06	2.03E-06	1.84E-06	8.39E-07	1.33E-06	3.59E-08	8.67E-07	1.91E-07	2.75E-07	4.37E-07	7.70E-08	6.96E-07	2.58E-06
5803	491483.37	3860121.96	3.06E-03	3.30E-03	5.21E-03	1.06E-06	3.19E-06	1.85E-06	1.99E-06	1.81E-06	8.25E-07	1.30E-06	3.53E-08	8.53E-07	1.88E-07	2.71E-07	4.30E-07	7.57E-08	6.84E-07	2.54E-06
5804	491559.91	3860151.36	3.00E-03	3.24E-03	5.12E-03	1.04E-06	3.14E-06	1.82E-06	1.96E-06	1.78E-06	8.11E-07	1.28E-06	3.47E-08	8.39E-07	1.85E-07	2.66E-07	4.22E-07	7.44E-08	6.73E-07	2.49E-06
5805	491711.81	3860237.76	2.91E-03	3.14E-03	4.98E-03	1.01E-06	3.05E-06	1.76E-06	1.90E-06	1.72E-06	7.87E-07	1.25E-06	3.37E-08	8.14E-07	1.80E-07	2.58E-07	4.10E-07	7.22E-08	6.54E-07	2.42E-06
5806	491755.2	3860319.07	2.70E-03	2.91E-03	4.60E-03	9.33E-07	2.82E-06	1.63E-06	1.76E-06	1.59E-06	7.28E-07	1.15E-06	3.12E-08	7.52E-07	1.66E-07	2.39E-07	3.79E-07	6.68E-08	6.04E-07	2.24E-06
5807	491704.71	3860366.54	2.61E-03	2.81E-03	4.45E-03	9.03E-07	2.73E-06	1.58E-06	1.70E-06	1.54E-06	7.04E-07	1.11E-06	3.01E-08	7.28E-07	1.61E-07	2.31E-07	3.67E-07	6.46E-08	5.84E-07	2.17E-06
5808	491623.43	3860462.39	2.43E-03	2.62E-03	4.14E-03	8.41E-07	2.54E-06	1.47E-06	1.58E-06	1.44E-06	6.56E-07	1.04E-06	2.81E-08	6.78E-07	1.50E-07	2.15E-07	3.41E-07	6.02E-08	5.44E-07	2.02E-06
5809	491534.02	3860439.85	2.52E-03	2.71E-03	4.29E-03	8.71E-07	2.63E-06	1.52E-06	1.64E-06	1.49E-06	6.79E-07	1.07E-06	2.91E-08	7.02E-07	1.55E-07	2.23E-07	3.54E-07	6.23E-08	5.64E-07	2.09E-06
5810	491313.95	3860268.18	2.69E-03	2.90E-03	4.59E-03	9.32E-07	2.81E-06	1.63E-06	1.76E-06	1.59E-06	7.27E-07	1.15E-06	3.11E-08	7.52E-07	1.66E-07	2.39E-07	3.79E-07	6.67E-08	6.02E-07	2.24E-06
5811	491187.12	3860143.56	2.95E-03	3.18E-03	5.01E-03	1.02E-06	3.08E-06	1.78E-06	1.92E-06	1.74E-06	7.95E-07	1.26E-06	3.41E-08	8.23E-07	1.82E-07	2.61E-07	4.14E-07	7.30E-08	6.59E-07	2.44E-06
5812	491070.43	3860075.97	3.09E-03	3.33E-03	5.26E-03	1.07E-06	3.23E-06	1.87E-06	2.02E-06	1.83E-06	8.34E-07	1.32E-06	3.57E-08	8.62E-07	1.90E-07	2.74E-07	4.34E-07	7.65E-08	6.90E-07	2.56E-06
5813	490995.09	3860039.39	3.16E-03	3.41E-03	5.38E-03	1.10E-06	3.31E-06	1.91E-06	2.06E-06	1.87E-06	8.54E-07	1.35E-06	3.66E-08	8.83E-07	1.95E-07	2.80E-07	4.45E-07	7.84E-08	7.07E-07	2.62E-06
5814	490919.75	3860002.8	3.24E-03	3.50E-03	5.51E-03	1.12E-06	3.39E-06	1.96E-06	2.12E-06	1.92E-06	8.75E-07	1.38E-06	3.75E-08	9.05E-07	2.00E-07	2.87E-07	4.56E-07	8.03E-08	7.24E-07	2.69E-06
5815	490756.81	3859894.53	3.52E-03	3.79E-03	5.98E-03	1.22E-06	3.68E-06	2.13E-06	2.30E-06	2.08E-06	9.49E-07	1.50E-06	4.07E-08	9.82E-07	2.17E-07	3.12E-07	4.94E-07	8.71E-08	7.85E-07	2.92E-06
5816	490668.07	3859860.92	3.58E-03	3.87E-03	6.09E-03	1.24E-06	3.75E-06	2.17E-06	2.34E-06	2.12E-06	9.67E-07	1.52E-06	4.14E-08	1.00E-06	2.21E-07	3.18E-07	5.04E-07	8.88E-08	8.00E-07	2.97E-06
5817	490579.34	3859827.3	3.66E-03	3.95E-03	6.22E-03	1.27E-06	3.83E-06	2.22E-06	2.39E-06	2.17E-06	9.89E-07	1.56E-06	4.23E-08	1.02E-06	2.26E-07	3.24E-07	5.15E-07	9.07E-08	8.17E-07	3.04E-06
5818	490490.6	3859793.68	3.74E-03	4.03E-03	6.34E-03	1.29E-06	3.90E-06	2.26E-06	2.44E-06	2.21E-06	1.01E-06	1.59E-06	4.32E-08	1.04E-06	2.30E-07	3.31E-07	5.25E-07	9.25E-08	8.32E-07	3.10E-06
5819	490401.86	3859760.07	3.81E-03	4.11E-03	6.46E-03	1.32E-06	3.99E-06	2.31E-06	2.49E-06	2.25E-06	1.03E-06	1.62E-06	4.41E-08	1.06E-06	2.35E-07	3.38E-07	5.36E-07	9.44E-08	8.49E-07	3.16E-06
5820	490313.12	3859726.45	3.90E-03	4.21E-03	6.61E-03	1.35E-06	4.08E-06	2.36E-06	2.55E-06	2.31E-06	1.05E-06	1.65E-06	4.51E-08	1.09E-06	2.40E-07	3.46E-07	5.48E-07	9.66E-08	8.68E-07	3.23E-06
5821	490224.39	3859692.83	4.00E-03	4.31E-03	6.77E-03	1.38E-06	4.18E-06	2.42E-06	2.61E-06	2.36E-06	1.08E-06	1.69E-06	4.62E-08	1.12E-06	2.46E-07	3.54E-07	5.62E-07	9.90E-08	8.89E-07	3.31E-06
5822	490135.65	3859659.22	4.11E-03	4.43E-03	6.95E-03	1.42E-06	4.29E-06	2.48E-06	2.68E-06	2.43E-06	1.11E-06	1.74E-06	4.75E-08	1.15E-06	2.53E-07	3.64E-07	5.77E-07	1.02E-07	9.12E-07	3.40E-06
5823	489918.19	3859559.23	4.47E-03	4.81E-03	7.54E-03	1.55E-06	4.67E-06	2.70E-06	2.91E-06	2.64E-06	1.20E-06	1.89E-06	5.16E-08	1.25E-06	2.75E-07	3.95E-07	6.27E-07	1.11E-07	9.90E-07	3.70E-06
5824	489743.61	3859486	4.75E-03	5.12E-03	8.01E-03	1.65E-06	4.97E-06	2.88E-06	3.10E-06	2.81E-06	1.28E-06	2.01E-06	5.50E-08	1.33E-06	2.93E-07	4.21E-07	6.68E-07	1.18E-07	1.05E-06	3.93E-06
5825	489660.32	3859440.27	4.96E-03	5.34E-03	8.35E-03	1.72E-06	5.19E-06	3.00E-06	3.23E-06	2.93E-06	1.34E-06	2.09E-06	5.74E-08	1.39E-06	3.06E-07	4.39E-07	6.97E-07	1.23E-07	1.10E-06	4.10E-06
5826	489577.04	3859394.53	5.19E-03	5.59E-03	8.72E-03	1.80E-06	5.43E-06	3.14E-06	3.38E-06	3.07E-06	1.40E-06	2.18E-06	6.00E-08	1.45E-06	3.20E-07	4.59E-07	7.29E-07	1.28E-07	1.15E-06	4.29E-06
5827	489493.75	3859348.8	5.44E-03	5.86E-03	9.12E-03	1.88E-06	5.69E-06	3.29E-06	3.54E-06	3.21E-06	1.47E-06	2.28E-06	6.29E-08	1.52E-06	3.35E-07	4.81E-07	7.63E-07	1.35E-07	1.20E-06	4.49E-06
5828	489321.28	3859240.02	6.18E-03	6.64E-03	1.03E-02	2.14E-06	6.46E-06	3.74E-06	4.02E-06	3.64E-06	1.66E-06	2.57E-06	7.14E-08	1.72E-06	3.81E-07	5.46E-07	8.66E-07	1.53E-07	1.35E-06	5.09E-06
5829	489235.41	3859193.96	6.57E-03	7.06E-03	1.09E-02	2.27E-06	6.86E-06	3.97E-06	4.27E-06	3.87E-06	1.77E-06	2.72E-06	7.59E-08	1.83E-06	4.05E-07	5.80E-07	9.20E-07	1.62E-07	1.43E-06	5.40E-06
5830	489149.54	3859147.89	7.00E-03	7.52E-03	1.15E-02	2.42E-06	7.32E-06	4.24E-06	4.55E-06	4.12E-06	1.88E-06	2.88E-06	8.09E-08	1.95E-06	4.31E-07	6.18E-07	9.80E-07	1.73E-07	1.51E-06	5.75E-06
5831	489063.68	3859101.82	7.55E-03	8.10E-03	1.23E-02	2.61E-06	7.89E-06	4.57E-06	4.90E-06	4.44E-06	2.03E-06	3.08E-06	8.73E-08	2.11E-06	4.65E-07	6.65E-07	1.06E-06	1.86E-07	1.62E-06	6.18E-06
5832	488977.81	3859055.75	8.26E-03	8.85E-03	1.33E-02	2.86E-06	8.63E-06	5.00E-06	5.35E-06	4.85E-06	2.21E-06	3.32E-06	9.55E-08	2.31E-06	5.09E-07	7.27E-07	1.15E-06	2.03E-07	1.74E-06	6.74E-06
5833	488891.94	3859009.69	9.20E-03	9.84E-03	1.45E-02	3.19E-06	9.62E-06	5.57E-06	5.95E-06	5.39E-06	2.46E-06	3.63E-06	1.06E-07	2.57E-06	5.67E-07	8.08E-07	1.28E-06	2.26E-07	1.90E-06	7.46E-06
5834	488808	3859060.73	8.13E-03	8.72E-03	1.31E-02	2.82E-06	8.50E-06	4.92E-06	5.27E-06	4.78E-06	2.18E-06	3.28E-06	9.40E-08	2.27E-06	5.01E-07	7.16E-07	1.14E-06	2.00E-07	1.72E-06	6.64E-06
5835	488809.93	3859157.85	6.98E-03	7.50E-03	1.15E-02	2.42E-06	7.29E-06	4.22E-06	4.54E-06	4.11E-06	1.88E-06	2.87E-06	8.07E-08	1.95E-06	4.30E-07	6.16E-07	9.77E-07	1.72E-07	1.51E-06	5.73E-06
5836	488811.86	3859254.96	6.20E-03	6.67E-03	1.03E-02	2.15E-06	6.48E-06	3.75E-06	4.04E-06	3.66E-06	1.67E-06	2.58E-06	7.17E-08	1.73E-06	3.82E-07	5.48E-07	8.69E-07	1.53E-07	1.35E-06	5.11E-06
5837	488813.78	3859352.07	5.61E-03	6.03E-03	9.37E-03	1.94E-06	5.86E-06	3.39E-06	3.65E-06	3.31E-06	1.51E-06	2.35E-06	6.48E-08	1.57E-06	3.45E-07	4.96E-07	7.86E-07	1.39E-07	1.23E-06	4.63E-06
5838	488815.71	3859449.19	5.13E-03	5.52E-03	8.60E-03	1.77E-06	5.36E-06	3.10E-06	3.34E-06	3.03E-06	1.38E-06	2.15E-06	5.92E-08	1.43E-06	3.16E-07	4.53E-07	7.19E-07	1.27E-07	1.13E-06	4.24E-06
5839	488910.04	3859547.11	4.71E-03	5.07E-03	7.92E-03	1.63E-06	4.92E-06	2.85E-06	3.07E-06	2.78E-06	1.27E-06	1.98E-06	5.44E-08	1.31E-06	2.90E-07	4.16E-07	6.61E-07	1.16E-07	1.04E-06	3.89E-06
5840	489002.45	3859547.91	4.70E-03	5.06E-03	7.91E-03	1.63E-06	4.91E-06	2.84E-06	3.06E-06	2.77E-06	1.27E-06	1.98E-06	5.43E-08	1.31E-06	2.89E-07	4.15E-07	6.59E-07	1.16E-07	1.04E-06	3.88E-06
5841	489094.85	3859548.72	4.68E-03	5.04E-03	7.88E-03	1.62E-06	4.89E-06	2.83E-06	3.05E-06	2.76E-06	1.26E-06	1.97E-06	5.40E-08	1.31E-06	2.88E-07	4.14E-07	6.56E-07	1.16E-07	1.03E-06	3.87E-06
5842	489230.05	3859601.87	4.45E-03	4.79E-03	7.51E-03	1.54E-06	4.65E-06	2.69E-06	2.90E-06	2.63E-06	1.20E-06	1.88E-06	5.14E-08	1.24E-06	2.74E-07	3.94E-07	6.25E-07	1.10E-07	9.86E-07	3.68E-06
5843	489227.52	3859680.89	4.21E-03	4.54E-03	7.11E-03	1.46E-06	4.40E-06	2.55E-06	2.74E-06	2.49E-06	1.14E-06	1.78E-06	4.87E-08	1.18E-06	2.59E-07	3.73E-07	5.91E-07	1.04E-07	9.34E-07	3.49E-06
5844	489133.47	3859760.29	4.00E-03	4.31E-03	6.76E-03	1.38E-06	4.18E-06	2.42E-06	2.61E-06	2.36E-06	1.08E-06	1.69E-06	4.62E-08	1.12E-06	2.46E-07	3.54E-07	5.61E-07	9.89E-08	8.88E-07	3.31E-06
5845	489041.96	3859760.67	4.00E-03	4.31E-03	6.76E-03	1.38E-06	4.18E-06	2.42E-06	2.61E-06	2.36E-06	1.08E-06	1.69E-06	4.62E-08	1.12E-06	2.46E-07	3.54E-07	5.61E-07	9.90E-08	8.88E-07	3.31E-06
5846	488950.45	3859761.05	3.99E-03	4.30E-03	6.74E-03	1.38E-06	4.17E-06	2.41E-06	2.60E-06	2.36E-06	1.08E-06	1.69E-06	4.61E-08	1.11E-06	2.46E-07	3.53E-07	5.60E-07	9.87E-08	8.85E-07	3.30E-06
5847	488858.94	3859761.43	3.97E-03	4.28E-03	6.71E-03	1.38E-06	4.15E-06	2.40E-06	2.59E-06	2.35E-06	1.07E-06	1.68E-06	4.59E-08	1.11E-06	2.45E-07	3.52E-07	5.58E-07	9.83E-08	8.81E-07	3.29E-06
5848	488767.43	3859761.82	3.94E-03	4.25E-03	6.65E-03	1.36E-06	4.12E-06	2.38E-06	2.57E-06	2.33E-06	1.06E-06	1.66E-06	4.56E-08	1.10E-06	2.43E-07	3.49E-07	5.53E-07	9.75E-08	8.73E-07	3.26E-06
5849	488675.92	3859762.2	3.92E-03	4.22E-03	6.60E-03	1.36E-06	4.09E-06	2.37E-06	2.55E-06	2.31E-06	1.06E-06	1.65E-06	4.53E-08	1.09E-06	2.41E-07	3.47E-07	5.50E-07	9.69E-08	8.67E-07	3.24E-06
5850	488584.41	3859762.58	3.88E-03	4.18E-03	6.53E-03	1.34E-06	4.06E-06	2.35E-06	2.53E-06	2.29E-06	1.05E-06	1.64E-06	4.49E-08	1.08E-06	2.39E-07	3.43E-07	5.45E-07	9.60E-08	8.58E-07	3.21E-06
5851	488492.9	3859762.96	3.85E-03	4.15E-03	6.48E-03	1.33E-06	4.03E-06	2.33E-06	2.51E-06	2.28E-06	1.04E-06	1.62E-06	4.45E-08	1.08E-06	2.37E-07	3.41E-07	5.41E-07	9.53E-08	8.51E-07	3.19E-06
5852	488402.76	3859830.95	3.64E-03	3.92E-03	6.13E-03	1.26E-06	3.81E-06	2.20E-06	2.37E-06	2.15E-06	9.82E-07	1.53E-06	4.21E-08	1.02E-06	2.24E-07	3.22E-07	5.11E-07	9.01E-08	8.05E-07	3.01E-06
5853	488404.14	3859898.55	3.46E-03	3.73E-03	5.82E-03	1.20E-06	3.62E-06	2.09E-06	2.26E-06	2.04E-06	9.33E-07	1.46E-06	4.00E-08	9.66E-07	2.13E-07	3.06E-07	4.86E-07	8.56E-08	7.65E-07	2.86E-06
5854	488505.18	3859964.96	3.33E-03	3.59E-03	5.61E-03	1.15E-06	3.48E-06	2.01E-06	2.17E-06	1.97E-06	8.98E-07	1.40E-06	3.85E-08	9.30E-07	2.05E-07	2.95E-07	4.67E-07	8.24E-08	7.37E-07	2.76E-06
5855	488604.85	3859963.76	3.35E-03	3.61E-03	5.66E-03	1.16E-06	3.51E-06	2.03E-06	2.19E-06	1.98E-06	9.04E-07	1.42E-06	3.88E-08	9.37E-07	2.07E-07	2.97E-07	4.71E-07	8.30E-08	7.43E-07	2.78E-06
5856	488704.51	3859962.56	3.38E-03	3.65E-03	5.71E-03	1.17E-06	3.54E-06	2.05E-06	2.21E-06	2.00E-06	9.13E-07	1.43E-06	3.91E-08	9.45E-07	2.09E-07	3.00E-07	4.75E-07	8.38E-08	7.50E-07	2.80E-06
5857	488804.18	3859961.37	3.42E-03	3.68E-03	5.77E-03	1.18E-06	3.57E-06	2.07E-06	2.23E-06	2.02E-06	9.22E-07	1.45E-06	3.95E-08	9.54E-07	2.11E-07	3.03E-07	4.80E-07	8.46E-08	7.59E-07	2.83E-06
5858	488903.85	3859960.17	3.45E-03	3.72E-03	5.83E-03	1.19E-06	3.61E-06	2.09E-06	2.25E-06	2.04E-06	9.31E-07	1.46E-06	3.99E-08	9.63E-07	2.13E-07	3.05E-07	4.85E-07	8.54E-08	7.66E-07	2.86E-06
5859	489003.52	3859958.97	3.47E-03	3.74E-03	5.88E-03	1.20E-06	3.63E-06	2.10E-06	2.27E-06	2.05E-06	9.37E-07	1.47E-06	4.02E-08	9.70E-07	2.14E-07	3.08E-07	4.88E-07	8.60E-08	7.72E-07	2.88E-06
5860	489103.18	3859957.77	3.49E-03	3.76E-03	5.91E-03	1.21E-06	3.65E-06	2.11E-06	2.28E-06	2.06E-06	9.42E-07	1.48E-06	4.04E-08	9.75E-07	2.15E-07	3.09E-07	4.90E-07	8.64E-08	7.77E-07	2.89E-06
5861	489201.48	3860046.59	3.31E-03	3.57E-03	5.61E-03	1.15E-06	3.46E-06	2.00E-06	2.16E-06	1.96E-06	8.92E-07	1.40E-06	3.82E-08	9.24E-07	2.04E-07	2.93E-07	4.65E-07	8.19E-08	7.37E-07	2.74E-06
5862	489200.11	3860136.61	3.12E-03	3.36E-03	5.29E-03	1.08E-06	3.26E-06	1.89E-06	2.04E-06	1.85E-06	8.42E-07	1.32E-06	3.61E-08	8.71E-07	1.92E-07	2.76E-07	4.38E-07	7.73E-08	6.95E-07	2.59E-06
5863	489198.74	3860226.63	2.95E-03	3.18E-03	5.00E-03	1.02E-06	3.08E-06	1.78E-06	1.92E-06	1.74E-06	7.96E-07	1.25E-06	3.41E-08	8.23E-07	1.82E-07	2.61E-07	4.14E-07	7.30E-08	6.57E-07	2.44E-06
5864	489197.38	3860316.66	2.79E-03	3.01E-03	4.73E-03	9.65E-07	2.91E-06	1.69E-06	1.82E-06	1.65E-06	7.52E-07	1.18E-06	3.22E-08	7.78E-07	1.72E-07	2.47E-07	3.92E-07	6.90E-08	6.21E-07	2.31E-06
5865	489196.01	3860406.68	2.64E-03	2.85E-03	4.48E-03	9.15E-07	2.76E-06	1.60E-06	1.72E-06	1.56E-06	7.13E-07	1.12E-06	3.06E-08	7.38E-07	1.63E-07	2.34E-07	3.71E-07	6.55E-08	5.89E-07	2.19E-06
5866	489194.64	3860496.7	2.50E-03	2.70E-03	4.24E-03	8.67E-07	2.62E-06	1.51E-06	1.63E-06	1.48E-06	6.75E-07	1.06E-06	2.89E-08	6.99E-07	1.54E-07	2.22E-07	3.52E-07	6.20E-08	5.58E-07	2.07E-06
5867	489193.27	3860586.72	2.38E-03	2.57E-03	4.04E-03	8.25E-07	2.49E-06	1.44E-06	1.55E-06	1.41E-06	6.43E-07	1.01E-06	2.75E-08	6.65E-07	1.47E-07	2.11E-07	3.35E-07	5.90E-08	5.31E-07	1.97E-06
5868	489092.02	3860678.13	2.25E-03	2.43E-03	3.82E-03	7.80E-07	2.35E-06	1.36E-06	1.47E-06	1.33E-06	6.08E-07	9.55E-07	2.60E-08	6.29E-07	1.39E-07	2.00E-07	3.16E-07	5.58E-08	5.01E-07	1.87E-06
5869	488992.13	3860679.53	2.24E-03	2.41E-03	3.79E-03	7.74E-07	2.34E-06	1.35E-06	1.46E-06	1.32E-06	6.04E-07	9.48E-07	2.59E-08	6.25E-07	1.38E-07	1.98E-07	3.14E-07	5.54E-08	4.98E-07	1.85E-06
5870	488892.25	3860680.92	2.23E-03	2.40E-03	3.77E-03	7.71E-07	2.33E-06	1.35E-06	1.45E-06	1.32E-06	6.00E-07	9.43E-07	2.57E-08	6.21E-07	1.37E-07	1.97E-07	3.13E-07	5.51E-08	4.95E-07	1.84E-06
5871	488792.36	3860682.31	2.21E-03	2.39E-03	3.75E-03	7.67E-07	2.31E-06	1.34E-06	1.44E-06	1.31E-06	5.97E-07	9.38E-07	2.56E-08	6.18E-07	1.36E-07	1.96E-07	3.11E-07	5.48E-08	4.92E-07	1.83E-06
5872	488692.48	3860683.7	2.21E-03	2.38E-03	3.73E-03	7.64E-07	2.31E-06	1.34E-06	1.44E-06	1.30E-06	5.95E-07	9.35E-07	2.55E-08	6.16E-07	1.36E-07	1.95E-07	3.10E-07	5.46E-08	4.90E-07	1.83E-06
5873	488592.59	3860685.1	2.19E-03	2.36E-03	3.71E-03	7.59E-07	2.29E-06	1.33E-06	1.43E-06	1.30E-06	5.91E-07	9.27E-07	2.53E-08	6.12E-07	1.35E-07	1.94E-07	3.08E-07	5.42E-08	4.87E-07	1.82E-06

5874	488492.71	3860686.49	2.19E-03	2.36E-03	3.70E-03	7.59E-07	2.29E-06	1.33E-06	1.43E-06	1.30E-06	5.91E-07	9.27E-07	2.53E-08	6.12E-07	1.35E-07	1.94E-07	3.08E-07	5.42E-08	4.87E-07	1.81E-06
5875	488299.07	3860762.18	2.13E-03	2.29E-03	3.59E-03	7.37E-07	2.23E-06	1.29E-06	1.39E-06	1.26E-06	5.74E-07	9.00E-07	2.46E-08	5.94E-07	1.31E-07	1.88E-07	2.99E-07	5.27E-08	4.72E-07	1.76E-06
5876	488205.32	3860764.09	2.11E-03	2.27E-03	3.56E-03	7.30E-07	2.20E-06	1.28E-06	1.37E-06	1.25E-06	5.69E-07	8.90E-07	2.44E-08	5.89E-07	1.30E-07	1.87E-07	2.96E-07	5.22E-08	4.67E-07	1.75E-06
5877	488111.56	3860766	2.08E-03	2.25E-03	3.51E-03	7.21E-07	2.18E-06	1.26E-06	1.36E-06	1.23E-06	5.62E-07	8.79E-07	2.41E-08	5.82E-07	1.28E-07	1.84E-07	2.93E-07	5.16E-08	4.62E-07	1.72E-06
5878	488017.81	3860767.91	2.06E-03	2.22E-03	3.47E-03	7.14E-07	2.15E-06	1.25E-06	1.34E-06	1.22E-06	5.56E-07	8.69E-07	2.38E-08	5.76E-07	1.27E-07	1.82E-07	2.89E-07	5.10E-08	4.56E-07	1.71E-06
5879	487924.06	3860769.81	2.05E-03	2.20E-03	3.44E-03	7.08E-07	2.14E-06	1.24E-06	1.33E-06	1.21E-06	5.51E-07	8.62E-07	2.36E-08	5.71E-07	1.26E-07	1.81E-07	2.87E-07	5.06E-08	4.52E-07	1.69E-06
5880	487830.31	3860771.72	2.03E-03	2.19E-03	3.42E-03	7.04E-07	2.13E-06	1.23E-06	1.33E-06	1.20E-06	5.48E-07	8.57E-07	2.35E-08	5.68E-07	1.25E-07	1.80E-07	2.85E-07	5.03E-08	4.50E-07	1.68E-06
5881	487736.55	3860773.63	2.03E-03	2.18E-03	3.41E-03	7.02E-07	2.12E-06	1.23E-06	1.32E-06	1.20E-06	5.46E-07	8.54E-07	2.34E-08	5.66E-07	1.25E-07	1.79E-07	2.84E-07	5.01E-08	4.48E-07	1.68E-06
5882	487642.8	3860775.54	2.03E-03	2.18E-03	3.41E-03	7.02E-07	2.12E-06	1.23E-06	1.32E-06	1.20E-06	5.47E-07	8.54E-07	2.34E-08	5.66E-07	1.25E-07	1.79E-07	2.85E-07	5.02E-08	4.48E-07	1.68E-06
5883	487549.48	3860684.71	2.12E-03	2.29E-03	3.57E-03	7.35E-07	2.22E-06	1.28E-06	1.38E-06	1.25E-06	5.72E-07	8.94E-07	2.45E-08	5.93E-07	1.31E-07	1.88E-07	2.98E-07	5.25E-08	4.69E-07	1.76E-06
5884	487549.91	3860591.97	2.21E-03	2.38E-03	3.72E-03	7.65E-07	2.31E-06	1.34E-06	1.44E-06	1.31E-06	5.96E-07	9.30E-07	2.55E-08	6.17E-07	1.36E-07	1.95E-07	3.10E-07	5.47E-08	4.88E-07	1.83E-06
5885	487550.34	3860499.23	2.31E-03	2.49E-03	3.89E-03	8.01E-07	2.42E-06	1.40E-06	1.51E-06	1.37E-06	6.24E-07	9.74E-07	2.68E-08	6.46E-07	1.43E-07	2.05E-07	3.25E-07	5.72E-08	5.11E-07	1.91E-06
5886	487550.76	3860406.49	2.43E-03	2.62E-03	4.09E-03	8.42E-07	2.54E-06	1.47E-06	1.58E-06	1.44E-06	6.56E-07	1.02E-06	2.81E-08	6.79E-07	1.50E-07	2.15E-07	3.41E-07	6.02E-08	5.37E-07	2.01E-06
5887	487551.19	3860313.75	2.55E-03	2.75E-03	4.29E-03	8.83E-07	2.67E-06	1.54E-06	1.66E-06	1.51E-06	6.88E-07	1.07E-06	2.95E-08	7.13E-07	1.57E-07	2.26E-07	3.58E-07	6.31E-08	5.64E-07	2.11E-06
5888	487551.62	3860221.01	2.69E-03	2.89E-03	4.52E-03	9.30E-07	2.81E-06	1.63E-06	1.75E-06	1.59E-06	7.24E-07	1.13E-06	3.11E-08	7.50E-07	1.66E-07	2.38E-07	3.77E-07	6.65E-08	5.93E-07	2.22E-06
5889	487552.05	3860128.27	2.85E-03	3.07E-03	4.79E-03	9.87E-07	2.98E-06	1.72E-06	1.86E-06	1.68E-06	7.68E-07	1.20E-06	3.30E-08	7.96E-07	1.76E-07	2.52E-07	4.00E-07	7.05E-08	6.29E-07	2.36E-06
5890	487552.48	3860035.53	3.02E-03	3.26E-03	5.08E-03	1.05E-06	3.16E-06	1.83E-06	1.97E-06	1.79E-06	8.15E-07	1.27E-06	3.50E-08	8.45E-07	1.86E-07	2.68E-07	4.24E-07	7.48E-08	6.67E-07	2.50E-06
5891	487552.91	3859942.79	3.19E-03	3.43E-03	5.36E-03	1.10E-06	3.33E-06	1.93E-06	2.08E-06	1.88E-06	8.59E-07	1.34E-06	3.69E-08	8.90E-07	1.96E-07	2.82E-07	4.48E-07	7.89E-08	7.03E-07	2.64E-06
5892	487553.33	3859850.05	3.40E-03	3.67E-03	5.72E-03	1.18E-06	3.56E-06	2.06E-06	2.22E-06	2.01E-06	9.18E-07	1.43E-06	3.94E-08	9.51E-07	2.10E-07	3.01E-07	4.78E-07	8.42E-08	7.51E-07	2.81E-06
5893	487553.76	3859757.31	3.62E-03	3.90E-03	6.08E-03	1.25E-06	3.79E-06	2.19E-06	2.36E-06	2.14E-06	9.76E-07	1.52E-06	4.19E-08	1.01E-06	2.23E-07	3.20E-07	5.08E-07	8.96E-08	7.99E-07	2.99E-06
5894	487554.19	3859664.57	3.87E-03	4.16E-03	6.49E-03	1.34E-06	4.04E-06	2.34E-06	2.52E-06	2.28E-06	1.04E-06	1.62E-06	4.47E-08	1.08E-06	2.38E-07	3.42E-07	5.43E-07	9.57E-08	8.52E-07	3.20E-06
5895	487460.2	3859571.05	4.12E-03	4.44E-03	6.91E-03	1.43E-06	4.31E-06	2.49E-06	2.68E-06	2.43E-06	1.11E-06	1.73E-06	4.76E-08	1.15E-06	2.54E-07	3.64E-07	5.78E-07	1.02E-07	9.08E-07	3.40E-06
5896	487365.78	3859570.27	4.11E-03	4.42E-03	6.90E-03	1.42E-06	4.29E-06	2.49E-06	2.68E-06	2.43E-06	1.11E-06	1.73E-06	4.75E-08	1.15E-06	2.53E-07	3.63E-07	5.77E-07	1.02E-07	9.06E-07	3.40E-06
5897	487271.36	3859569.48	4.09E-03	4.41E-03	6.87E-03	1.42E-06	4.28E-06	2.48E-06	2.67E-06	2.42E-06	1.10E-06	1.72E-06	4.73E-08	1.14E-06	2.52E-07	3.62E-07	5.74E-07	1.01E-07	9.03E-07	3.38E-06
5898	487176.94	3859568.7	4.07E-03	4.39E-03	6.84E-03	1.41E-06	4.26E-06	2.46E-06	2.65E-06	2.41E-06	1.10E-06	1.71E-06	4.71E-08	1.14E-06	2.51E-07	3.60E-07	5.71E-07	1.01E-07	8.98E-07	3.37E-06
5899	487082.51	3859567.92	4.06E-03	4.37E-03	6.81E-03	1.40E-06	4.24E-06	2.45E-06	2.64E-06	2.40E-06	1.09E-06	1.71E-06	4.69E-08	1.13E-06	2.50E-07	3.59E-07	5.69E-07	1.00E-07	8.95E-07	3.35E-06
5900	486988.09	3859567.14	4.03E-03	4.34E-03	6.78E-03	1.40E-06	4.21E-06	2.44E-06	2.63E-06	2.38E-06	1.09E-06	1.70E-06	4.66E-08	1.13E-06	2.48E-07	3.57E-07	5.66E-07	9.97E-08	8.90E-07	3.33E-06
5901	486893.67	3859566.36	4.01E-03	4.32E-03	6.74E-03	1.39E-06	4.19E-06	2.42E-06	2.61E-06	2.37E-06	1.08E-06	1.69E-06	4.63E-08	1.12E-06	2.47E-07	3.55E-07	5.62E-07	9.91E-08	8.85E-07	3.31E-06
5902	486799.25	3859565.58	3.98E-03	4.28E-03	6.69E-03	1.38E-06	4.16E-06	2.41E-06	2.59E-06	2.35E-06	1.07E-06	1.67E-06	4.60E-08	1.11E-06	2.45E-07	3.52E-07	5.58E-07	9.84E-08	8.79E-07	3.29E-06
5903	486704.83	3859564.79	3.95E-03	4.25E-03	6.64E-03	1.37E-06	4.13E-06	2.39E-06	2.57E-06	2.33E-06	1.06E-06	1.66E-06	4.57E-08	1.10E-06	2.43E-07	3.49E-07	5.54E-07	9.77E-08	8.72E-07	3.27E-06
5904	486610.41	3859564.01	3.92E-03	4.22E-03	6.60E-03	1.36E-06	4.10E-06	2.37E-06	2.56E-06	2.32E-06	1.06E-06	1.65E-06	4.53E-08	1.10E-06	2.42E-07	3.47E-07	5.50E-07	9.70E-08	8.67E-07	3.24E-06
5905	486515.99	3859563.23	3.88E-03	4.18E-03	6.53E-03	1.34E-06	4.06E-06	2.35E-06	2.53E-06	2.29E-06	1.05E-06	1.63E-06	4.49E-08	1.08E-06	2.39E-07	3.43E-07	5.45E-07	9.60E-08	8.57E-07	3.21E-06
5906	486421.57	3859562.45	3.85E-03	4.14E-03	6.47E-03	1.33E-06	4.02E-06	2.33E-06	2.51E-06	2.27E-06	1.04E-06	1.62E-06	4.45E-08	1.07E-06	2.37E-07	3.40E-07	5.40E-07	9.51E-08	8.50E-07	3.18E-06
5907	486327.14	3859561.67	3.82E-03	4.11E-03	6.43E-03	1.32E-06	3.99E-06	2.31E-06	2.49E-06	2.26E-06	1.03E-06	1.61E-06	4.42E-08	1.07E-06	2.35E-07	3.38E-07	5.36E-07	9.45E-08	8.45E-07	3.16E-06
5908	486232.72	3859560.89	3.78E-03	4.07E-03	6.36E-03	1.31E-06	3.95E-06	2.29E-06	2.46E-06	2.23E-06	1.02E-06	1.59E-06	4.37E-08	1.06E-06	2.33E-07	3.34E-07	5.31E-07	9.35E-08	8.36E-07	3.13E-06
5909	486138.3	3859560.1	3.75E-03	4.03E-03	6.31E-03	1.30E-06	3.91E-06	2.27E-06	2.44E-06	2.21E-06	1.01E-06	1.58E-06	4.33E-08	1.05E-06	2.31E-07	3.31E-07	5.26E-07	9.26E-08	8.28E-07	3.10E-06
5910	486043.88	3859559.32	3.71E-03	3.99E-03	6.25E-03	1.28E-06	3.88E-06	2.24E-06	2.42E-06	2.19E-06	1.00E-06	1.56E-06	4.29E-08	1.04E-06	2.29E-07	3.28E-07	5.21E-07	9.18E-08	8.21E-07	3.07E-06
5911	485949.35	3859463.54	3.89E-03	4.19E-03	6.56E-03	1.35E-06	4.07E-06	2.35E-06	2.54E-06	2.30E-06	1.05E-06	1.64E-06	4.50E-08	1.09E-06	2.40E-07	3.44E-07	5.46E-07	9.62E-08	8.61E-07	3.22E-06
5912	485949.24	3859368.55	4.13E-03	4.45E-03	6.97E-03	1.43E-06	4.32E-06	2.50E-06	2.69E-06	2.44E-06	1.11E-06	1.74E-06	4.78E-08	1.15E-06	2.55E-07	3.66E-07	5.80E-07	1.02E-07	9.15E-07	3.42E-06
5913	485949.12	3859273.55	4.40E-03	4.74E-03	7.42E-03	1.52E-06	4.60E-06	2.66E-06	2.87E-06	2.60E-06	1.19E-06	1.86E-06	5.09E-08	1.23E-06	2.71E-07	3.90E-07	6.18E-07	1.09E-07	9.75E-07	3.64E-06
5914	485949.01	3859178.56	4.69E-03	5.05E-03	7.91E-03	1.62E-06	4.90E-06	2.84E-06	3.06E-06	2.77E-06	1.26E-06	1.98E-06	5.42E-08	1.31E-06	2.89E-07	4.15E-07	6.59E-07	1.16E-07	1.04E-06	3.88E-06
5915	485948.9	3859083.56	5.02E-03	5.41E-03	8.47E-03	1.74E-06	5.25E-06	3.04E-06	3.27E-06	2.97E-06	1.35E-06	2.12E-06	5.81E-08	1.40E-06	3.09E-07	4.44E-07	7.05E-07	1.24E-07	1.11E-06	4.16E-06
5916	485948.79	3858988.56	5.36E-03	5.78E-03	9.04E-03	1.86E-06	5.60E-06	3.24E-06	3.50E-06	3.17E-06	1.45E-06	2.26E-06	6.20E-08	1.50E-06	3.30E-07	4.75E-07	7.53E-07	1.33E-07	1.19E-06	4.44E-06
5917	485948.67	3858893.57	5.73E-03	6.17E-03	9.66E-03	1.98E-06	5.99E-06	3.47E-06	3.73E-06	3.38E-06	1.54E-06	2.42E-06	6.62E-08	1.60E-06	3.53E-07	5.07E-07	8.04E-07	1.42E-07	1.27E-06	4.74E-06
5918	485948.56	3858798.57	6.17E-03	6.64E-03	1.04E-02	2.13E-06	6.45E-06	3.73E-06	4.02E-06	3.64E-06	1.66E-06	2.60E-06	7.13E-08	1.72E-06	3.80E-07	5.46E-07	8.66E-07	1.53E-07	1.37E-06	5.10E-06
5919	485948.45	3858703.58	6.59E-03	7.09E-03	1.11E-02	2.28E-06	6.88E-06	3.98E-06	4.29E-06	3.89E-06	1.78E-06	2.78E-06	7.61E-08	1.84E-06	4.06E-07	5.83E-07	9.24E-07	1.63E-07	1.46E-06	5.45E-06
5920	485948.34	3858608.58	7.10E-03	7.65E-03	1.20E-02	2.46E-06	7.43E-06	4.30E-06	4.63E-06	4.20E-06	1.92E-06	2.99E-06	8.21E-08	1.98E-06	4.38E-07	6.29E-07	9.97E-07	1.76E-07	1.57E-06	5.88E-06
5921	485948.22	3858513.59	7.68E-03	8.27E-03	1.29E-02	2.66E-06	8.03E-06	4.65E-06	5.00E-06	4.54E-06	2.07E-06	3.24E-06	8.88E-08	2.14E-06	4.73E-07	6.79E-07	1.08E-06	1.90E-07	1.70E-06	6.35E-06
5922	485948.11	3858418.59	8.30E-03	8.94E-03	1.40E-02	2.87E-06	8.68E-06	5.02E-06	5.41E-06	4.90E-06	2.24E-06	3.50E-06	9.60E-08	2.32E-06	5.11E-07	7.35E-07	1.17E-06	2.05E-07	1.84E-06	6.87E-06
5923	485948	3858323.59	9.06E-03	9.75E-03	1.52E-02	3.14E-06	9.47E-06	5.48E-06	5.90E-06	5.35E-06	2.44E-06	3.81E-06	1.05E-07	2.53E-06	5.58E-07	8.01E-07	1.27E-06	2.24E-07	2.00E-06	7.49E-06
5924	485947.89	3858228.6	9.85E-03	1.06E-02	1.66E-02	3.41E-06	1.03E-05	5.96E-06	6.42E-06	5.82E-06	2.66E-06	4.15E-06	1.14E-07	2.75E-06	6.07E-07	8.72E-07	1.38E-06	2.44E-07	2.18E-06	8.15E-06
5925	485947.77	3858133.6	1.08E-02	1.16E-02	1.81E-02	3.72E-06	1.12E-05	6.51E-06	7.01E-06	6.35E-06	2.90E-06	4.53E-06	1.24E-07	3.00E-06	6.63E-07	9.51E-07	1.51E-06	2.66E-07	2.38E-06	8.89E-06
5926	485947.66	3858038.61	1.20E-02	1.29E-02	2.02E-02	4.15E-06	1.25E-05	7.25E-06	7.81E-06	7.08E-06	3.23E-06	5.05E-06	1.39E-07	3.35E-06	7.39E-07	1.06E-06	1.68E-06	2.97E-07	2.65E-06	9.91E-06
5927	485854.54	3857943.35	1.24E-02	1.34E-02	2.09E-02	4.30E-06	1.30E-05	7.52E-06	8.10E-06	7.34E-06	3.35E-06	5.23E-06	1.44E-07	3.47E-06	7.66E-07	1.10E-06	1.74E-06	3.07E-07	2.74E-06	1.03E-05
5928	485761.52	3857943.09	1.18E-02	1.27E-02	1.98E-02	4.07E-06	1.23E-05	7.11E-06	7.66E-06	6.94E-06	3.17E-06	4.95E-06	1.36E-07	3.28E-06	7.24E-07	1.04E-06	1.65E-06	2.91E-07	2.60E-06	9.72E-06
5929	485668.51	3857942.83	1.12E-02	1.21E-02	1.88E-02	3.88E-06	1.17E-05	6.78E-06	7.30E-06	6.62E-06	3.02E-06	4.72E-06	1.30E-07	3.13E-06	6.91E-07	9.92E-07	1.57E-06	2.77E-07	2.48E-06	9.27E-06
5930	485575.5	3857942.56	1.06E-02	1.15E-02	1.79E-02	3.68E-06	1.11E-05	6.44E-06	6.93E-06	6.29E-06	2.87E-06	4.48E-06	1.23E-07	2.97E-06	6.56E-07	9.41E-07	1.49E-06	2.63E-07	2.35E-06	8.80E-06
5931	485482.48	3857942.3	1.02E-02	1.10E-02	1.71E-02	3.52E-06	1.06E-05	6.16E-06	6.63E-06	6.01E-06	2.74E-06	4.29E-06	1.18E-07	2.84E-06	6.27E-07	9.01E-07	1.43E-06	2.52E-07	2.25E-06	8.42E-06
5932	485389.47	3857942.04	9.75E-03	1.05E-02	1.64E-02	3.37E-06	1.02E-05	5.90E-06	6.35E-06	5.76E-06	2.63E-06	4.10E-06	1.13E-07	2.72E-06	6.00E-07	8.62E-07	1.37E-06	2.41E-07	2.15E-06	8.06E-06
5933	485296.46	3857941.78	9.35E-03	1.01E-02	1.57E-02	3.24E-06	9.77E-06	5.66E-06	6.09E-06	5.52E-06	2.52E-06	3.94E-06	1.08E-07	2.61E-06	5.76E-07	8.27E-07	1.31E-06	2.31E-07	2.07E-06	7.73E-06
5934	485203.45	3857941.52	9.02E-03	9.72E-03	1.52E-02	3.12E-06	9.43E-06	5.46E-06	5.88E-06	5.33E-06	2.43E-06	3.80E-06	1.04E-07	2.52E-06	5.56E-07	7.98E-07	1.27E-06	2.23E-07	1.99E-06	7.46E-06
5935	485110.43	3857941.26	8.66E-03	9.33E-03	1.46E-02	3.00E-06	9.05E-06	5.24E-06	5.64E-06	5.12E-06	2.33E-06	3.65E-06	1.00E-07	2.42E-06	5.34E-07	7.66E-07	1.22E-06	2.14E-07	1.92E-06	7.16E-06
5936	485017.42	3857940.99	8.31E-03	8.95E-03	1.40E-02	2.88E-06	8.68E-06	5.03E-06	5.41E-06	4.91E-06	2.24E-06	3.50E-06	9.60E-08	2.32E-06	5.12E-07	7.35E-07	1.17E-06	2.05E-07	1.84E-06	6.87E-06
5937	484924.41	3857940.73	7.98E-03	8.59E-03	1.34E-02	2.76E-06	8.34E-06	4.83E-06	5.20E-06	4.71E-06	2.15E-06	3.36E-06	9.22E-08	2.23E-06	4.92E-07	7.06E-07	1.12E-06	1.97E-07	1.77E-06	6.60E-06
5938	484831.39	3857940.47	7.70E-03	8.29E-03	1.30E-02	2.66E-06	8.04E-06	4.66E-06	5.02E-06	4.55E-06	2.07E-06	3.25E-06	8.90E-08	2.15E-06	4.74E-07	6.81E-07	1.08E-06	1.90E-07	1.70E-06	6.37E-06
5939	484738.12	3857859.3	7.79E-03	8.39E-03	1.31E-02	2.70E-06	8.14E-06	4.71E-06	5.08E-06	4.60E-06	2.10E-06	3.29E-06	9.01E-08	2.18E-06	4.80E-07	6.90E-07	1.09E-06	1.93E-07	1.72E-06	6.45E-06
5940	484737.85	3857778.4	8.22E-03	8.85E-03	1.38E-02	2.84E-06	8.59E-06	4.97E-06	5.36E-06	4.86E-06	2.22E-06	3.47E-06	9.50E-08	2.29E-06	5.06E-07	7.27E-07	1.15E-06	2.03E-07	1.82E-06	6.80E-06
5941	484737.59	3857697.49	8.66E-03	9.33E-03	1.46E-02	3.00E-06	9.05E-06	5.24E-06	5.65E-06	5.12E-06	2.34E-06	3.65E-06	1.00E-07	2.42E-06	5.34E-07	7.66E-07	1.22E-06	2.14E-07	1.92E-06	7.17E-06
5942	484737.32	3857616.59	9.11E-03	9.82E-03	1.53E-02	3.15E-06	9.53E-06	5.51E-06	5.94E-06	5.38E-06	2.46E-06	3.84E-06	1.05E-07	2.54E-06	5.62E-07	8.06E-07	1.28E-06	2.25E-07	2.02E-06	7.54E-06
5943	484645.53	3857535.18	9.23E-03	9.94E-03	1.55E-02	3.20E-06	9.65E-06	5.58E-06	6.02E-06	5.45E-06	2.49E-06	3.89E-06	1.07E-07	2.58E-06	5.69E-07	8.17E-07	1.30E-06	2.28E-07	2.04E-06	7.63E-06
5944	484553.99	3857534.67	8.84E-03	9.52E-03	1.49E-02	3.06E-06	9.24E-06	5.35E-06	5.76E-06	5.22E-06	2.38E-06	3.73E-06	1.02E-07	2.47E-06	5.45E-07	7.82E-07	1.24E-06	2.19E-07	1.96E-06	7.31E-06
5945	484462.46	3857534.17	8.51E-03	9.17E-03	1.43E-02	2.95E-06	8.90E-06	5.15E-06	5.55E-06	5.03E-06	2.30E-06	3.59E-06	9.84E-08	2.38E-06	5.25E-07	7.53E-07	1.20E-06	2.11E-07	1.88E-06	7.04E-06
5946	484370.93	3857533.66	8.19E-03	8.83E-03	1.38E-02	2.84E-06	8.57E-06	4.96E-06	5.34E-06	4.84E-06	2.21E-06	3.46E-06	9.47E-08	2.29E-06	5.05E-07	7.25E-07	1.15E-06	2.03E-07	1.81E-06	6.78E-06
5947	484279.4	3857533.16	7.90E-03	8.51E-03	1.33E-02	2.74E-06	8.26E-06	4.78E-06	5.15E-06	4.67E-06	2.13E-06	3.34E-06	9.13E-08	2.21E-06	4.87E-07	6.99E-07	1.11E-06	1.96E-07	1.75E-06	6.54E-06
5948	484187.86	3857532.65	7.62E-03	8.20E-03	1.29E-02	2.64E-06	7.96E-06	4.61E-06	4.96E-06	4.50E-06	2.05E-06	3.22E-06	8.80E-08	2.13E-06	4.69E-07	6.74E-07	1.07E-06	1.88E-07	1.69E-06	6.30E-06
5949	484096.33	3857532.15	7.36E-03	7.93E-03	1.24E-02	2.55E-06	7.70E-06	4.46E-06	4.80E-06	4.35E-06	1.99E-06	3.11E-06	8.51E-08	2.06E-06	4.54E-07	6.52E-07	1.03E-06	1.82E-07	1.63E-06	6.10E-06
5950	484004.8	3857531.64	7.10E-03	7.65E-03	1.20E-02	2.46E-06	7.42E-06	4.30E-06	4.63E-06	4.20E-06	1.91E-06	3.00E-06	8.21E-08	1.98E-06	4.37E-07	6.28E-07	9.97E-07	1.76E-07	1.58E-06	5.88E-06
5951	483913.27	3857531.14	6.82E-03	7.35E-03	1.15E-02	2.36E-06	7.13E-06	4.13E-06	4.45E-06	4.03E-06	1.84E-06	2.89E-06	7.89E-08	1.91E-06	4.20E-07	6.04E-07	9.58E-07	1.69E-07	1.51E-06	5.65E-06
5952	483821.73	3857530.63	6.59E-03	7.10E-03	1.11E-02	2.28E-06	6.89E-06	3.99E-06	4.30E-06	3.89E-06	1.78E-06	2.79E-06	7.62E-08	1.84E-06	4.06E-07	5.83E-07	9.25E-07	1.63E-07	1.46E-06	5.46E-06
5953	483729.61	3857450.11	6.62E-03	7.13E-03	1.12E-02	2.29E-06	6.91E-06	4.00E-06	4.31E-06	3.91E-06	1.78E-06	2.80E-06	7.65E-08	1.85E-06	4.08E-07	5.86E-07	9.29E-07	1.64E-07	1.47E-06	5.48E-06
5954	483729.03	3857370.08	6.92E-03	7.45E-03	1.17E-02	2.39E-06	7.23E-06	4.18E-06	4.51E-06	4.09E-06	1.87E-06	2.93E-06	7.99E-08	1.93E-06	4.26E-07	6.12E-07	9.71E-07	1.71E-07	1.54E-06	5.73E-06
5955	483728.44	3857290.06	7.20E-03	7.76E-03	1.22E-02	2.49E-06	7.53E-06	4.36E-06	4.69E-06	4.26E-06	1.94E-06	3.05E-06	8.32E-08	2.01E-06	4.44E-07	6.37E-07	1.01E-06	1.78E-07	1.60E-06	5.96E-06
5956	483727.86	3857210.03	7.49E-03	8.07E-03	1.27E-02	2.59E-06	7.83E-06	4.53E-06	4.88E-06	4.43E-06	2.02E-06	3.17E-06	8.66E-08	2.09E-06	4.61E-07	6.63E-07	1.05E-06	1.85E-07	1.66E-06	6.20E-06
5957	483641.15	3857129.07	7.53E-03	8.12E-03	1.27E-02	2.61E-06	7.88E-06	4.56E-06	4.91E-06	4.45E-06	2.03E-06	3.19E-06	8.71E-08	2.10E-06	4.64E-07	6.67E-07	1.06E-06	1.86E-07	1.67E-06	6.24E-06
5958	483555.03	3857128.14	7.27E-03	7.83E-03	1.23E-02	2.52E-06	7.60E-06	4.40E-06	4.74E-06	4.30E-06	1.96E-06	3.08E-06	8.40E-08	2.03E-06	4.48E-07	6.43E-07	1.02E-06	1.80E-07	1.61E-06	6.02E-06
5959	483468.91	3857127.2	6.97E-03	7.51E-03	1.18E-02	2.41E-06	7.29E-06	4.22E-06	4.55E-06	4.12E-06	1.88E-06	2.95E-06	8.06E-08	1.95E-06	4.30E-07	6.17E-07	9.79E-07	1.73E-07	1.55E-06	5.77E-06
5960	483382.78	3857126.26	6.76E-03	7.29E-03	1.14E-02	2.34E-06	7.07E-06	4.09E-06	4.41E-06	4.00E-06	1.82E-06	2.86E-06	7.81E-08	1.89E-06	4.16E-07	5.98E-07	9.49E-07	1.67E-07	1.50E-06	5.60E-06
5961	483296.66	3857125.32	6.53E-03	7.04E-03	1.11E-02	2.26E-06	6.82E-06	3.95E-06	4.26E-06	3.86E-06	1.76E-06	2.77E-06	7.55E-08	1.82E-06	4.02E-07	5.78E-07	9.17E-07	1.62E-07	1.45E-06	5.41E-06
5962	483210.54	3857124.39	6.30E-03	6.79E-03	1.07E-02	2.18E-06	6.58E-06	3.81E-06	4.11E-06	3.72E-06	1.70E-06	2.67E-06	7.28E-08	1.76E-06	3.88E-07	5.58E-07	8.85E-07	1.56E-07	1.40E-06	5.22E-06
5963	483123.4	3857030.96	6.33E-03	6.83E-03	1.07E-02	2.19E-06	6.62E-06	3.83E-06	4.13E-06	3.74E-06	1.71E-06	2.69E-06	7.32E-08	1.77E-06	3.90E-07	5.61E-07	8.90E-07	1.57E-07	1.41E-06	5.25E-06
5964	483122.38	3856938.46	6.61E-03	7.13E-03	1.12E-02	2.29E-06	6.91E-06	4.00E-06	4.31E-06	3.91E-06	1.78E-06	2.80E-06	7.64E-08	1.85E-06	4.07E-07	5.86E-07	9.29E-07	1.64E-07	1.47E-06	5.48E-06
5965	483121.35	3856845.97	6.90E-03	7.44E-03	1.17E-02	2.39E-06	7.22E-06	4.18E-06	4.50E-06	4.08E-06	1.86E-06	2.93E-06	7.98E-08	1.93E-06	4.25E-07	6.11E-07	9.70E-07	1.71E-07	1.54E-06	5.72E-06
5966	483120.33	3856753.47	7.15E-03	7.71E-03	1.21E-02	2.48E-06	7.48E-06	4.33E-06	4.67E-06	4.23E-06	1.93E-06	3.03E-06	8.27E-08	2.00E-06	4.41E-07	6.33E-07	1.00E-06	1.77E-07	1.59E-06	5.93E-06
5967	483119.31	3856660.98	7.41E-03	7.99E-03	1.26E-02	2.57E-06	7.75E-06	4.49E-06	4.84E-06	4.38E-06	2.00E-06	3.15E-06	8.57E-08	2.07E-06	4.57E-07	6.56E-07	1.04E-06	1.84E-07	1.65E-06	6.14E-06
5968	483118.29	3856568.49	7.71E-03	8.32E-03	1.31E-02	2.67E-06	8.06E-06	4.67E-06	5.03E-06	4.56E-06	2.08E-06	3.27E-06	8.92E-08	2.15E-06	4.75E-07	6.83E-07	1.08E-06	1.91E-07	1.72E-06	6.39E-06
5969	483117.26	3856475.99	8.05E-03	8.68E-03	1.37E-02	2.79E-06	8.41E-06	4.87E-06	5.25E-06	4.76E-06	2.17E-06	3.42E-06	9.30E-08	2.25E-06	4.96E-07	7.13E-07	1.13E-06	1.99E-07	1.79E-06	6.67E-06
5970	483116.24	3856383.5	8.38E-03	9.03E-03	1.42E-02	2.90E-06	8.76E-06	5.07E-06	5.47E-06	4.95E-06	2.26E-06	3.56E-06	9.69E-08	2.34E-06	5.16E-07	7.42E-07	1.18E-06	2.07E-07	1.87E-06	6.95E-06
5971	483115.22	3856291.01	8.74E-03	9.42E-03	1.48E-02	3.02E-06	9.13E-06	5.29E-06	5.70E-06	5.17E-06	2.36E-06	3.71E-06	1.01E-07	2.44E-06	5.38E-07	7.74E-07	1.23E-06	2.16E-07	1.95E-06	7.24E-06
5972	483114.2	3856198.51	9.08E-03	9.79E-03	1.54E-02	3.14E-06	9.49E-06	5.50E-06	5.93E-06	5.37E-06	2.45E-06	3.86E-06	1.05E-07	2.54E-06	5.60E-07	8.04E-07	1.28E-06	2.25E-07	2.02E-06	7.53E-06
5973	483113.17	3856106.02	9.55E-03	1.03E-02	1.62E-02	3.31E-06	9.99E-06	5.78E-06	6.23E-06	5.65E-06	2.58E-06	4.06E-06	1.10E-07	2.67E-06	5.89E-07	8.46E-07	1.34E-06	2.37E-07	2.13E-06	7.92E-06
5974	483112.15	3856013.52	9.99E-03	1.08E-02	1.70E-02	3.46E-06	1.04E-05	6.05E-06	6.52E-06	5.91E-06	2.70E-06	4.25E-06	1.15E-07	2.79E-06	6.16E-07	8.85E-07	1.40E-06	2.47E-07	2.23E-06	8.29E-06
5975	483029.25	3855920.47	1.00E-02	1.08E-02	1.70E-02	3.46E-06	1.04E-05	6.05E-06	6.52E-06	5.91E-06	2.70E-06	4.25E-06	1.16E-07	2.79E-06	6.16E-07	8.86E-07	1.40E-06	2.48E-07	2.23E-06	8.29E-06
5976	482947.37	3855919.91	9.50E-03	1.02E-02	1.62E-02	3.29E-06	9.93E-06	5.75E-06	6.20E-06	5.62E-06	2.56E-06	4.05E-06	1.10E-07	2.65E-06	5.85E-07	8.41E-07	1.33E-06	2.35E-07	2.12E-06	7.88E-06
5977	482865.49	3855919.36	9.01E-03	9.72E-03	1.54E-02	3.12E-06	9.42E-06	5.45E-06	5.88E-06	5.33E-06	2.43E-06	3.84E-06	1.04E-07	2.52E-06	5.55E-07	7.99E-07	1.27E-06	2.23E-07	2.02E-06	7.48E-06
5978	482783.61	3855918.8	8.60E-03	9.28E-03	1.47E-02	2.98E-06	8.99E-06	5.21E-06	5.62E-06	5.09E-06	2.32E-06	3.67E-06	9.95E-08	2.40E-06	5.30E-07	7.62E-07	1.21E-06	2.13E-07	1.93E-06	7.14E-06

5979	482700.33	3855818.39	8.53E-03	9.20E-03	1.46E-02	2.95E-06	8.91E-06	5.16E-06	5.57E-06	5.05E-06	2.30E-06	3.64E-06	9.86E-08	2.38E-06	5.25E-07	7.56E-07	1.20E-06	2.11E-07	1.91E-06	7.08E-06
5980	482698.92	3855718.54	8.94E-03	9.64E-03	1.53E-02	3.09E-06	9.34E-06	5.41E-06	5.83E-06	5.29E-06	2.41E-06	3.82E-06	1.03E-07	2.49E-06	5.51E-07	7.92E-07	1.26E-06	2.21E-07	2.00E-06	7.42E-06
5981	482697.52	3855618.68	9.32E-03	1.01E-02	1.59E-02	3.23E-06	9.75E-06	5.64E-06	6.09E-06	5.52E-06	2.52E-06	3.99E-06	1.08E-07	2.60E-06	5.74E-07	8.26E-07	1.31E-06	2.31E-07	2.09E-06	7.75E-06
5982	482696.11	3855518.83	9.82E-03	1.06E-02	1.68E-02	3.40E-06	1.03E-05	5.94E-06	6.41E-06	5.81E-06	2.65E-06	4.21E-06	1.14E-07	2.74E-06	6.05E-07	8.71E-07	1.38E-06	2.43E-07	2.21E-06	8.16E-06
5983	482694.71	3855418.98	1.03E-02	1.11E-02	1.76E-02	3.56E-06	1.07E-05	6.22E-06	6.71E-06	6.08E-06	2.77E-06	4.41E-06	1.19E-07	2.87E-06	6.33E-07	9.11E-07	1.44E-06	2.55E-07	2.31E-06	8.54E-06
5984	482693.3	3855319.13	1.08E-02	1.16E-02	1.85E-02	3.73E-06	1.13E-05	6.52E-06	7.03E-06	6.38E-06	2.91E-06	4.63E-06	1.24E-07	3.01E-06	6.64E-07	9.55E-07	1.52E-06	2.67E-07	2.43E-06	8.96E-06
5985	482691.9	3855219.27	1.14E-02	1.23E-02	1.96E-02	3.94E-06	1.19E-05	6.89E-06	7.44E-06	6.74E-06	3.08E-06	4.90E-06	1.32E-07	3.18E-06	7.01E-07	1.01E-06	1.60E-06	2.82E-07	2.57E-06	9.48E-06
5986	482690.49	3855119.42	1.20E-02	1.29E-02	2.07E-02	4.15E-06	1.25E-05	7.25E-06	7.83E-06	7.10E-06	3.24E-06	5.17E-06	1.38E-07	3.34E-06	7.38E-07	1.06E-06	1.69E-06	2.97E-07	2.71E-06	9.98E-06
5987	482689.09	3855019.57	1.29E-02	1.39E-02	2.23E-02	4.45E-06	1.34E-05	7.78E-06	8.41E-06	7.62E-06	3.48E-06	5.57E-06	1.49E-07	3.59E-06	7.92E-07	1.14E-06	1.81E-06	3.19E-07	2.92E-06	1.07E-05
5988	482687.68	3854919.72	1.36E-02	1.47E-02	2.37E-02	4.72E-06	1.42E-05	8.24E-06	8.91E-06	8.08E-06	3.69E-06	5.93E-06	1.57E-07	3.80E-06	8.39E-07	1.21E-06	1.92E-06	3.38E-07	3.11E-06	1.14E-05
5989	482686.28	3854819.86	1.46E-02	1.58E-02	2.55E-02	5.05E-06	1.53E-05	8.84E-06	9.56E-06	8.66E-06	3.95E-06	6.38E-06	1.69E-07	4.08E-06	9.00E-07	1.30E-06	2.06E-06	3.63E-07	3.35E-06	1.22E-05
5990	482684.88	3854720.01	1.54E-02	1.66E-02	2.69E-02	5.32E-06	1.61E-05	9.29E-06	1.01E-05	9.12E-06	4.16E-06	6.73E-06	1.78E-07	4.29E-06	9.46E-07	1.37E-06	2.17E-06	3.82E-07	3.53E-06	1.29E-05
5991	482683.47	3854620.16	1.63E-02	1.77E-02	2.87E-02	5.65E-06	1.70E-05	9.87E-06	1.07E-05	9.69E-06	4.42E-06	7.18E-06	1.89E-07	4.55E-06	1.00E-06	1.45E-06	2.30E-06	4.06E-07	3.77E-06	1.37E-05
5992	482682.07	3854520.31	1.67E-02	1.81E-02	2.95E-02	5.77E-06	1.74E-05	1.01E-05	1.09E-05	9.91E-06	4.52E-06	7.37E-06	1.93E-07	4.66E-06	1.03E-06	1.48E-06	2.36E-06	4.15E-07	3.87E-06	1.40E-05
5993	482680.66	3854420.45	1.65E-02	1.79E-02	2.92E-02	5.70E-06	1.72E-05	9.97E-06	1.08E-05	9.79E-06	4.47E-06	7.31E-06	1.90E-07	4.60E-06	1.01E-06	1.47E-06	2.33E-06	4.10E-07	3.84E-06	1.38E-05
5994	482679.26	3854320.6	1.58E-02	1.71E-02	2.81E-02	5.46E-06	1.65E-05	9.54E-06	1.04E-05	9.38E-06	4.28E-06	7.04E-06	1.82E-07	4.40E-06	9.72E-07	1.41E-06	2.23E-06	3.93E-07	3.69E-06	1.33E-05
5995	482677.85	3854220.75	1.53E-02	1.66E-02	2.72E-02	5.29E-06	1.60E-05	9.25E-06	1.00E-05	9.09E-06	4.15E-06	6.81E-06	1.77E-07	4.27E-06	9.42E-07	1.36E-06	2.16E-06	3.81E-07	3.57E-06	1.29E-05
5996	482676.45	3854120.9	1.38E-02	1.49E-02	2.44E-02	4.77E-06	1.44E-05	8.33E-06	9.03E-06	8.19E-06	3.74E-06	6.11E-06	1.59E-07	3.85E-06	8.49E-07	1.23E-06	1.95E-06	3.43E-07	3.21E-06	1.16E-05
5997	482675.04	3854021.04	1.23E-02	1.33E-02	2.17E-02	4.26E-06	1.29E-05	7.45E-06	8.07E-06	7.32E-06	3.34E-06	5.42E-06	1.42E-07	3.44E-06	7.59E-07	1.10E-06	1.74E-06	3.06E-07	2.85E-06	1.03E-05
5998	482673.64	3853921.19	1.07E-02	1.16E-02	1.86E-02	3.72E-06	1.12E-05	6.50E-06	7.02E-06	6.37E-06	2.90E-06	4.66E-06	1.24E-07	3.00E-06	6.62E-07	9.53E-07	1.51E-06	2.67E-07	2.44E-06	8.96E-06
5999	482672.23	3853821.34	9.36E-03	1.01E-02	1.58E-02	3.24E-06	9.78E-06	5.66E-06	6.10E-06	5.53E-06	2.52E-06	3.96E-06	1.08E-07	2.61E-06	5.76E-07	8.28E-07	1.31E-06	2.32E-07	2.08E-06	7.75E-06
6000	482670.83	3853721.49	7.86E-03	8.43E-03	1.28E-02	2.72E-06	8.22E-06	4.76E-06	5.10E-06	4.63E-06	2.11E-06	3.21E-06	9.09E-08	2.19E-06	4.84E-07	6.93E-07	1.10E-06	1.94E-07	1.69E-06	6.44E-06
6001	482669.42	3853621.63	6.48E-03	6.92E-03	1.02E-02	2.24E-06	6.77E-06	3.92E-06	4.19E-06	3.80E-06	1.73E-06	2.55E-06	7.49E-08	1.81E-06	3.99E-07	5.69E-07	9.02E-07	1.59E-07	1.34E-06	5.25E-06
6002	482645.99	3853446.13	4.47E-03	4.78E-03	7.10E-03	1.55E-06	4.67E-06	2.71E-06	2.89E-06	2.62E-06	1.20E-06	1.78E-06	5.17E-08	1.25E-06	2.76E-07	3.93E-07	6.23E-07	1.10E-07	9.32E-07	3.63E-06
6003	482623.97	3853370.49	3.80E-03	4.08E-03	6.17E-03	1.32E-06	3.97E-06	2.30E-06	2.47E-06	2.24E-06	1.02E-06	1.54E-06	4.39E-08	1.06E-06	2.34E-07	3.35E-07	5.31E-07	9.36E-08	8.11E-07	3.11E-06
6004	482601.94	3853294.84	3.36E-03	3.61E-03	5.53E-03	1.16E-06	3.52E-06	2.04E-06	2.19E-06	1.98E-06	9.04E-07	1.38E-06	3.89E-08	9.39E-07	2.07E-07	2.97E-07	4.71E-07	8.30E-08	7.27E-07	2.76E-06
6005	482531.29	3853133.44	2.78E-03	2.99E-03	4.63E-03	9.63E-07	2.91E-06	1.68E-06	1.81E-06	1.64E-06	7.49E-07	1.16E-06	3.22E-08	7.77E-07	1.71E-07	2.46E-07	3.90E-07	6.87E-08	6.09E-07	2.29E-06
6006	482482.68	3853047.69	2.57E-03	2.77E-03	4.30E-03	8.90E-07	2.69E-06	1.56E-06	1.67E-06	1.52E-06	6.92E-07	1.08E-06	2.97E-08	7.18E-07	1.58E-07	2.27E-07	3.61E-07	6.35E-08	5.64E-07	2.12E-06
6007	482383.09	3852897.4	2.28E-03	2.45E-03	3.82E-03	7.89E-07	2.38E-06	1.38E-06	1.48E-06	1.34E-06	6.14E-07	9.56E-07	2.63E-08	6.36E-07	1.40E-07	2.01E-07	3.20E-07	5.63E-08	5.02E-07	1.88E-06
6008	482265.64	3852765.26	2.09E-03	2.25E-03	3.51E-03	7.23E-07	2.18E-06	1.26E-06	1.36E-06	1.23E-06	5.63E-07	8.78E-07	2.41E-08	5.83E-07	1.29E-07	1.85E-07	2.93E-07	5.17E-08	4.61E-07	1.73E-06
6009	482199.16	3852697.66	2.01E-03	2.16E-03	3.38E-03	6.95E-07	2.10E-06	1.22E-06	1.31E-06	1.19E-06	5.41E-07	8.45E-07	2.32E-08	5.61E-07	1.24E-07	1.78E-07	2.82E-07	4.97E-08	4.44E-07	1.66E-06
6010	482132.69	3852630.07	1.93E-03	2.08E-03	3.25E-03	6.69E-07	2.02E-06	1.17E-06	1.26E-06	1.14E-06	5.21E-07	8.14E-07	2.23E-08	5.40E-07	1.19E-07	1.71E-07	2.71E-07	4.78E-08	4.27E-07	1.60E-06
6011	482066.21	3852562.48	1.86E-03	2.01E-03	3.14E-03	6.44E-07	1.95E-06	1.13E-06	1.21E-06	1.10E-06	5.02E-07	7.85E-07	2.15E-08	5.20E-07	1.15E-07	1.65E-07	2.61E-07	4.61E-08	4.12E-07	1.54E-06
6012	481999.74	3852494.89	1.80E-03	1.93E-03	3.02E-03	6.21E-07	1.88E-06	1.09E-06	1.17E-06	1.06E-06	4.84E-07	7.57E-07	2.07E-08	5.01E-07	1.11E-07	1.59E-07	2.52E-07	4.44E-08	3.97E-07	1.48E-06
6013	481933.26	3852427.29	1.73E-03	1.87E-03	2.92E-03	6.00E-07	1.81E-06	1.05E-06	1.13E-06	1.02E-06	4.67E-07	7.30E-07	2.00E-08	4.84E-07	1.07E-07	1.53E-07	2.43E-07	4.28E-08	3.83E-07	1.43E-06
6014	481866.79	3852359.7	1.67E-03	1.80E-03	2.82E-03	5.79E-07	1.75E-06	1.01E-06	1.09E-06	9.88E-07	4.51E-07	7.06E-07	1.93E-08	4.67E-07	1.03E-07	1.48E-07	2.35E-07	4.14E-08	3.70E-07	1.38E-06
6015	481800.31	3852292.11	1.62E-03	1.74E-03	2.72E-03	5.59E-07	1.69E-06	9.77E-07	1.05E-06	9.54E-07	4.35E-07	6.82E-07	1.87E-08	4.51E-07	9.95E-08	1.43E-07	2.27E-07	4.00E-08	3.58E-07	1.34E-06
6016	481733.84	3852224.52	1.56E-03	1.68E-03	2.63E-03	5.41E-07	1.63E-06	9.45E-07	1.02E-06	9.23E-07	4.21E-07	6.59E-07	1.81E-08	4.36E-07	9.62E-08	1.38E-07	2.19E-07	3.86E-08	3.46E-07	1.29E-06
6017	481667.36	3852156.92	1.51E-03	1.63E-03	2.55E-03	5.22E-07	1.58E-06	9.13E-07	9.84E-07	8.92E-07	4.07E-07	6.38E-07	1.74E-08	4.21E-07	9.30E-08	1.34E-07	2.12E-07	3.73E-08	3.35E-07	1.25E-06
6018	481600.89	3852089.33	1.46E-03	1.58E-03	2.47E-03	5.06E-07	1.53E-06	8.85E-07	9.54E-07	8.64E-07	3.94E-07	6.18E-07	1.69E-08	4.08E-07	9.01E-08	1.29E-07	2.05E-07	3.62E-08	3.24E-07	1.21E-06
6019	481534.41	3852021.74	1.42E-03	1.53E-03	2.40E-03	4.92E-07	1.48E-06	8.59E-07	9.26E-07	8.39E-07	3.83E-07	6.00E-07	1.64E-08	3.96E-07	8.75E-08	1.26E-07	1.99E-07	3.51E-08	3.15E-07	1.18E-06
6020	481467.94	3851954.15	1.38E-03	1.49E-03	2.33E-03	4.77E-07	1.44E-06	8.34E-07	8.99E-07	8.15E-07	3.72E-07	5.82E-07	1.59E-08	3.85E-07	8.49E-08	1.22E-07	1.94E-07	3.41E-08	3.06E-07	1.14E-06
6021	481401.46	3851886.55	1.34E-03	1.44E-03	2.26E-03	4.63E-07	1.40E-06	8.09E-07	8.72E-07	7.91E-07	3.61E-07	5.65E-07	1.55E-08	3.74E-07	8.24E-08	1.18E-07	1.88E-07	3.31E-08	2.97E-07	1.11E-06
6022	481265.87	3851761.43	1.27E-03	1.37E-03	2.15E-03	4.40E-07	1.33E-06	7.70E-07	8.29E-07	7.52E-07	3.43E-07	5.38E-07	1.47E-08	3.55E-07	7.84E-08	1.13E-07	1.79E-07	3.15E-08	2.82E-07	1.05E-06
6023	481196.74	3851703.89	1.24E-03	1.34E-03	2.10E-03	4.31E-07	1.30E-06	7.53E-07	8.11E-07	7.35E-07	3.36E-07	5.26E-07	1.44E-08	3.47E-07	7.67E-08	1.10E-07	1.75E-07	3.08E-08	2.76E-07	1.03E-06
6024	481076.33	3851619.05	1.21E-03	1.30E-03	2.04E-03	4.18E-07	1.26E-06	7.31E-07	7.88E-07	7.14E-07	3.26E-07	5.11E-07	1.40E-08	3.37E-07	7.44E-08	1.07E-07	1.70E-07	2.99E-08	2.68E-07	1.00E-06
6025	480939.8	3851549.07	1.18E-03	1.27E-03	2.00E-03	4.09E-07	1.24E-06	7.16E-07	7.71E-07	6.99E-07	3.19E-07	5.01E-07	1.37E-08	3.30E-07	7.29E-08	1.05E-07	1.66E-07	2.93E-08	2.63E-07	9.80E-07
6026	480854.56	3851506.41	1.17E-03	1.26E-03	1.98E-03	4.04E-07	1.22E-06	7.06E-07	7.61E-07	6.90E-07	3.15E-07	4.95E-07	1.35E-08	3.26E-07	7.19E-08	1.03E-07	1.64E-07	2.89E-08	2.60E-07	9.67E-07
6027	480769.32	3851463.75	1.15E-03	1.24E-03	1.96E-03	4.00E-07	1.21E-06	6.99E-07	7.53E-07	6.83E-07	3.11E-07	4.90E-07	1.33E-08	3.22E-07	7.11E-08	1.02E-07	1.62E-07	2.86E-08	2.57E-07	9.57E-07
6028	480684.08	3851421.08	1.14E-03	1.23E-03	1.93E-03	3.94E-07	1.19E-06	6.89E-07	7.43E-07	6.74E-07	3.07E-07	4.84E-07	1.32E-08	3.18E-07	7.02E-08	1.01E-07	1.60E-07	2.82E-08	2.54E-07	9.45E-07
6029	480598.84	3851378.42	1.13E-03	1.21E-03	1.91E-03	3.89E-07	1.18E-06	6.81E-07	7.34E-07	6.65E-07	3.04E-07	4.78E-07	1.30E-08	3.14E-07	6.93E-08	9.97E-08	1.58E-07	2.79E-08	2.51E-07	9.33E-07
6030	480435.71	3851275.01	1.09E-03	1.17E-03	1.85E-03	3.76E-07	1.13E-06	6.57E-07	7.08E-07	6.42E-07	2.93E-07	4.62E-07	1.25E-08	3.03E-07	6.69E-08	9.61E-08	1.53E-07	2.69E-08	2.43E-07	9.01E-07
6031	480347.85	3851232.36	1.07E-03	1.15E-03	1.82E-03	3.70E-07	1.12E-06	6.46E-07	6.97E-07	6.32E-07	2.88E-07	4.55E-07	1.23E-08	2.98E-07	6.58E-08	9.46E-08	1.50E-07	2.65E-08	2.39E-07	8.87E-07
6032	480260	3851189.72	1.05E-03	1.13E-03	1.79E-03	3.63E-07	1.10E-06	6.35E-07	6.85E-07	6.21E-07	2.83E-07	4.48E-07	1.21E-08	2.93E-07	6.47E-08	9.30E-08	1.48E-07	2.60E-08	2.35E-07	8.72E-07
6033	480172.15	3851147.07	1.03E-03	1.11E-03	1.76E-03	3.57E-07	1.08E-06	6.23E-07	6.72E-07	6.09E-07	2.78E-07	4.39E-07	1.19E-08	2.88E-07	6.35E-08	9.13E-08	1.45E-07	2.55E-08	2.31E-07	8.55E-07
6034	480084.29	3851104.42	1.01E-03	1.09E-03	1.72E-03	3.49E-07	1.05E-06	6.10E-07	6.58E-07	5.97E-07	2.72E-07	4.30E-07	1.17E-08	2.82E-07	6.21E-08	8.94E-08	1.42E-07	2.50E-08	2.26E-07	8.37E-07
6035	479996.44	3851061.77	9.85E-04	1.06E-03	1.68E-03	3.41E-07	1.03E-06	5.96E-07	6.43E-07	5.83E-07	2.66E-07	4.20E-07	1.14E-08	2.75E-07	6.07E-08	8.73E-08	1.38E-07	2.44E-08	2.21E-07	8.18E-07
6036	479908.58	3851019.13	9.55E-04	1.03E-03	1.63E-03	3.31E-07	9.99E-07	5.78E-07	6.24E-07	5.65E-07	2.58E-07	4.08E-07	1.10E-08	2.67E-07	5.89E-08	8.47E-08	1.34E-07	2.37E-08	2.14E-07	7.94E-07
6037	479820.73	3850976.48	9.29E-04	1.00E-03	1.58E-03	3.21E-07	9.71E-07	5.62E-07	6.06E-07	5.49E-07	2.51E-07	3.97E-07	1.07E-08	2.59E-07	5.72E-08	8.23E-08	1.31E-07	2.30E-08	2.08E-07	7.71E-07
6038	479732.88	3850933.83	9.00E-04	9.71E-04	1.54E-03	3.12E-07	9.41E-07	5.45E-07	5.88E-07	5.33E-07	2.43E-07	3.84E-07	1.04E-08	2.51E-07	5.55E-08	7.98E-08	1.27E-07	2.23E-08	2.02E-07	7.48E-07
6039	479645.02	3850891.18	8.73E-04	9.41E-04	1.49E-03	3.02E-07	9.12E-07	5.28E-07	5.70E-07	5.16E-07	2.36E-07	3.72E-07	1.01E-08	2.44E-07	5.38E-08	7.73E-08	1.23E-07	2.16E-08	1.95E-07	7.25E-07
6040	479557.17	3850848.54	8.45E-04	9.12E-04	1.44E-03	2.93E-07	8.84E-07	5.12E-07	5.52E-07	5.00E-07	2.28E-07	3.61E-07	9.77E-09	2.36E-07	5.21E-08	7.49E-08	1.19E-07	2.09E-08	1.89E-07	7.02E-07
6041	479469.32	3850805.89	8.14E-04	8.78E-04	1.39E-03	2.82E-07	8.51E-07	4.92E-07	5.31E-07	4.81E-07	2.20E-07	3.47E-07	9.41E-09	2.27E-07	5.01E-08	7.21E-08	1.14E-07	2.02E-08	1.82E-07	6.76E-07
6042	479381.46	3850763.24	7.88E-04	8.50E-04	1.34E-03	2.73E-07	8.24E-07	4.77E-07	5.14E-07	4.66E-07	2.13E-07	3.36E-07	9.11E-09	2.20E-07	4.85E-08	6.98E-08	1.11E-07	1.95E-08	1.76E-07	6.54E-07
6043	479293.61	3850720.59	7.65E-04	8.25E-04	1.30E-03	2.65E-07	7.99E-07	4.63E-07	4.99E-07	4.52E-07	2.06E-07	3.25E-07	8.84E-09	2.14E-07	4.71E-08	6.77E-08	1.07E-07	1.89E-08	1.71E-07	6.34E-07
6044	479205.76	3850677.95	7.40E-04	7.98E-04	1.26E-03	2.56E-07	7.74E-07	4.48E-07	4.83E-07	4.38E-07	2.00E-07	3.14E-07	8.56E-09	2.07E-07	4.56E-08	6.56E-08	1.04E-07	1.83E-08	1.65E-07	6.14E-07
6045	479117.9	3850635.3	7.17E-04	7.73E-04	1.22E-03	2.48E-07	7.50E-07	4.34E-07	4.68E-07	4.24E-07	1.94E-07	3.04E-07	8.29E-09	2.00E-07	4.42E-08	6.35E-08	1.01E-07	1.78E-08	1.60E-07	5.95E-07
6046	479030.05	3850592.65	6.94E-04	7.48E-04	1.17E-03	2.40E-07	7.25E-07	4.20E-07	4.53E-07	4.10E-07	1.87E-07	2.94E-07	8.02E-09	1.94E-07	4.28E-08	6.14E-08	9.75E-08	1.72E-08	1.54E-07	5.75E-07
6047	478942.19	3850550	6.65E-04	7.17E-04	1.13E-03	2.30E-07	6.96E-07	4.03E-07	4.34E-07	3.93E-07	1.79E-07	2.82E-07	7.69E-09	1.86E-07	4.10E-08	5.89E-08	9.35E-08	1.65E-08	1.48E-07	5.51E-07
6048	478854.34	3850507.36	6.26E-04	6.75E-04	1.06E-03	2.17E-07	6.55E-07	3.79E-07	4.09E-07	3.70E-07	1.69E-07	2.66E-07	7.24E-09	1.75E-07	3.86E-08	5.55E-08	8.80E-08	1.55E-08	1.39E-07	5.19E-07
6049	478766.49	3850464.71	5.98E-04	6.44E-04	1.01E-03	2.07E-07	6.25E-07	3.62E-07	3.90E-07	3.53E-07	1.61E-07	2.53E-07	6.91E-09	1.67E-07	3.68E-08	5.29E-08	8.40E-08	1.48E-08	1.33E-07	4.95E-07
6050	478678.63	3850422.06	5.73E-04	6.17E-04	9.70E-04	1.98E-07	5.99E-07	3.47E-07	3.74E-07	3.39E-07	1.55E-07	2.43E-07	6.62E-09	1.60E-07	3.53E-08	5.07E-08	8.05E-08	1.42E-08	1.27E-07	4.75E-07
6051	478590.78	3850379.41	5.49E-04	5.91E-04	9.29E-04	1.90E-07	5.74E-07	3.32E-07	3.58E-07	3.24E-07	1.48E-07	2.33E-07	6.34E-09	1.53E-07	3.38E-08	4.86E-08	7.71E-08	1.36E-08	1.22E-07	4.55E-07
6052	478502.93	3850336.77	5.29E-04	5.70E-04	8.96E-04	1.83E-07	5.53E-07	3.20E-07	3.45E-07	3.13E-07	1.43E-07	2.24E-07	6.11E-09	1.48E-07	3.26E-08	4.68E-08	7.43E-08	1.31E-08	1.18E-07	4.38E-07
6053	478415.07	3850294.12	5.12E-04	5.52E-04	8.67E-04	1.77E-07	5.35E-07	3.10E-07	3.34E-07	3.03E-07	1.38E-07	2.17E-07	5.92E-09	1.43E-07	3.15E-08	4.53E-08	7.19E-08	1.27E-08	1.14E-07	4.24E-07
6054	478327.22	3850251.47	4.93E-04	5.31E-04	8.35E-04	1.71E-07	5.15E-07	2.98E-07	3.22E-07	2.91E-07	1.33E-07	2.09E-07	5.70E-09	1.38E-07	3.04E-08	4.37E-08	6.92E-08	1.22E-08	1.10E-07	4.08E-07
6055	478239.36	3850208.82	4.77E-04	5.14E-04	8.08E-04	1.65E-07	4.98E-07	2.89E-07	3.11E-07	2.82E-07	1.29E-07	2.02E-07	5.51E-09	1.33E-07	2.94E-08	4.22E-08	6.70E-08	1.18E-08	1.06E-07	3.95E-07
6056	478151.51	3850166.18	4.64E-04	5.00E-04	7.85E-04	1.60E-07	4.84E-07	2.80E-07	3.02E-07	2.74E-07	1.25E-07	1.96E-07	5.36E-09	1.29E-07	2.86E-08	4.10E-08	6.51E-08	1.15E-08	1.03E-07	3.84E-07
6057	478063.66	3850123.53	4.51E-04	4.86E-04	7.64E-04	1.56E-07	4.72E-07	2.73E-07	2.94E-07	2.67E-07	1.22E-07	1.91E-07	5.22E-09	1.26E-07	2.78E-08	4.00E-08	6.34E-08	1.12E-08	1.00E-07	3.74E-07
6058	477975.8	3850080.88	4.54E-04	4.89E-04	7.67E-04	1.57E-07	4.74E-07	2.75E-07	2.96E-07	2.68E-07	1.22E-07	1.92E-07	5.25E-09	1.27E-07	2.80E-08	4.02E-08	6.37E-08	1.12E-08	1.01E-07	3.76E-07
6059	477887.95	3850038.23	4.48E-04	4.83E-04	7.57E-04	1.55E-07	4.68E-07	2.71E-07	2.92E-07	2.65E-07	1.21E-07	1.89E-07	5.18E-09	1.25E-07	2.76E-08	3.96E-08	6.29E-08	1.11E-08	9.94E-08	3.71E-07
6060	477800.1	3849995.59	4.44E-04	4.79E-04	7.50E-04	1.54E-07	4.64E-07	2.69E-07	2.90E-07	2.62E-07	1.20E-07	1.88E-07	5.13E-09	1.24E-07	2.74E-08	3.93E-08	6.24E-08	1.10E-08	9.85E-08	3.68E-07
6061	477712.24	3849952.94	4.37E-04	4.71E-04	7.38E-04	1.51E-07	4.57E-07	2.65E-07	2.85E-07	2.58E-07	1.18E-07	1.85E-07	5.06E-09	1.22E-07	2.70E-08	3.87E-08	6.14E-08	1.08E-08	9.70E-08	3.62E-07
6062	477624.39	3849910.29	4.31E-04	4.65E-04	7.28E-04	1.49E-07	4.51E-07	2.61E-07	2.81E-07	2.55E-07	1.16E-07	1.82E-07	4.99E-09	1.20E-07	2.66E-08	3.82E-08	6.06E-08	1.07E-08	9.56E-08	3.57E-07
6063	477536.54	3849867.64	4.27E-04	4.60E-04	7.20E-04	1.48E-07	4.46E-07	2.58E-07	2.78E-07	2.52E-07	1.15E-07	1.80E-07	4.93E-09	1.19E-07	2.63E-08	3.78E-08	5.99E-08	1.06E-08	9.46E-08	3.53E-07
6064	477448.68	3849825	4.21E-04	4.53E-04	7.10E-04	1.46E-07	4.40E-07	2.55E-07	2.74E-07	2.49E-07	1.13E-07	1.78E-07	4.86E-09	1.17E-07	2.59E-08	3.72E-08	5.91E-08	1.04E-08	9.32E-08	3.48E-07
6065	477360.83	3849782.35	4.16E-04	4.48E-04	7.01E-04	1.44E-07	4.34E-07	2.51E-07	2.71E-07	2.46E-07	1.12E-07	1.76E-07	4.80E-09	1.16E-07	2.56E-08	3.68E-08	5.83E-08	1.03E-08	9.21E-08	3.44E-07
6066	477272.97	3849739.7	4.10E-04	4.42E-04	6.93E-04	1.42E-07	4.29E-07	2.48E-07	2.68E-07	2.43E-07	1.11E-07	1.73E-07	4.74E-09	1.15E-07	2.53E-08	3.63E-08	5.76E-08	1.02E-08	9.10E-08	3.40E-07
6067	477185.12	3849697.05	4.07E-04	4.38E-04	6.86E-04	1.41E-07	4.25E-07	2.46E-07	2.65E-07	2.40E-07	1.10E-07	1.72E-07	4.70E-09	1.14E-07	2.51E-08	3.60E-08	5.71E-08	1.01E-08	9.02E-08	3.37E-07
6068	477097.27	3849654.41	4.02E-04	4.33E-04	6.79E-04	1.39E-07	4.20E-07	2.43E-07	2.62E-07	2.37E-07	1.08E-07	1.70E-07	4.64E-09	1.12E-07	2.47E-08	3.56E-08	5.64E-08	9.94E-09	8.91E-08	3.33E-07
6069	477009.41	3849611.76	3.94E-04	4.24E-04	6.66E-04	1.36E-07	4.12E-07	2.38E-07	2.57E-07	2.33E-07	1.06E-07	1.67E-07	4.55E-09	1.10E-07	2.43E-08	3.49E-08	5.53E-08	9.75E-09	8.75E-08	3.26E-07
6070	476841.49	3849530.08	3.86E-04	4.16E-04	6.53E-04	1.34E-07	4.03E-07	2.33E-07	2.52E-07	2.28E-07	1.04E-07	1.63E-07	4.46E-09	1.08E-07	2.38E-08	3.42E-08	5.42E-08	9.55E-09	8.58E-08	3.20E-07
6071	476761.41	3849491.05	3.83E-04	4.13E-04	6.49E-04	1.33E-07	4.01E-07	2.32E-07	2.50E-07	2.27E-07	1.03E-07	1.62E-07	4.43E-09	1.07E-07	2.36E-08	3.39E-08	5.38E-08	9.49E-09	8.52E-08	3.18E-07
6072	476681.34	3849452.02	3.79E-04	4.09E-04	6.43E-04	1.31E-07	3.97E-07	2.30E-07	2.47E-07	2.24E-07	1.02E-07	1.61E-07	4.39E-09	1.06E-07	2.34E-08	3.36E-08	5.33E-08	9.39E-09	8.44E-08	3.14E-07
6073	476601.26	3849412.99	3.75E-04	4.04E-04	6.35E-04	1.30E-07	3.92E-07	2.27E-07	2.44E-07	2.21E-07	1.01E-07	1.59E-07	4.33E-09	1.05E-07	2.31E-08	3.32E-08	5.26E-08	9.27E-09	8.34E-08	3.10E-07
6074	476456.32	3849353.67	3.65E-04	3.94E-04	6.20E-04	1.27E-07	3.82E-07	2.21E-07	2.38E-07	2.16E-07	9.86E-08	1.55E-07	4.22E-09	1.02E-07	2.25E-08	3.24E-08	5.13E-08	9.05E-09	8.14E-08	3.03E-07
6075	476305.43	3849318.84	3.69E-04	3.98E-04	6.25E-04	1.28E-07	3.85E-07	2.23E-07	2.41E-07	2.18E-07	9.95E-08	1.57E-07	4.26E-09	1.03E-07	2.27E-08	3.27E-08	5.18E-08	9.13E-09	8.21E-08	3.06E-07
6076	476129.36	3849289.99	3.70E-04	3.99E-04	6.28E-04	1.28E-07	3.87E-07	2.24E-07	2.42E-07	2.19E-07	9.99E-08	1.57E-07	4.28E-09	1.03E-07	2.28E-08	3.28E-08	5.20E-08	9.17E-09	8.25E-08	3.07E-07
6077	476039.31	3849275.68	3.71E-04	4.00E-04	6.30E-04	1.28E-07	3.88E-07	2.25E-07	2.42E-07	2.19E-07	1.00E-07	1.58E-07	4.29E-09	1.04E-07	2.29E-08	3.29E-08	5.21E-08	9.19E-09	8.27E-08	3.08E-07
6078	475949.26	3849261.38	3.67E-04	3.96E-04	6.23E-04	1.27E-07	3.84E-07	2.22E-07	2.39E-07	2.17E-07	9.91E-08	1.56E-07	4.24E-09	1.03E-07	2.26E-08	3.25E-08	5.16E-08	9.09E-09	8.18E-08	3.04E-07
6079	475859.21	3849247.08	3.67E-04	3.95E-04	6.22E-04	1.27E-07	3.83E-07	2.22E-07	2.39E-07	2.17E-07	9.89E-08	1.56E-07	4.24E-09	1.02E-07	2.26E-08	3.25E-08	5.15E-08	9.08E-09	8.17E-08	3.04E-07
6080	475769.16	3849232.77	3.65E-04	3.93E-04	6.20E-04	1.26E-07	3.81E-07	2.21E-07	2.38E-07	2.16E-07	9.84E-08	1.55E-07	4.22E-09	1.02E-07	2.25E-08	3.23E-08	5.13E-08	9.03E-09	8.14E-08	3.03E-07
6081	475585.23	3849219.27	3.21E-04	3.46E-04	5.46E-04	1.11E-07	3.35E-07	1.94E-07	2.09E-07	1.90E-07	8.66E-08	1.37E-07	3.71E-09	8.95E-08	1.98E-08	2.84E-08	4.51E-08	7.94E-09	7.17E-08	2.66E-07
6082	475444.5	3849150.35	3.43E-04	3.70E-04	5.84E-04	1.19E-07	3.59E-07	2.08E-07	2.24E-07	2.03E-07	9.26E-08	1.46E-07	3.97E-09	9.58E-08	2.11E-08	3.04E-08	4.82E-08	8.50E-09	7.67E-08	2.85E-07
6083	475334.18	3849118.71	3.47E-04	3.74E-04	5.90E-04	1.20E-07	3.62E-07	2.10E-07	2.26E-07	2.05E-07	9.36E-08	1.48E-07	4.01E-09	9.68E-08	2.14E-08	3.07E-08	4.87E-08	8.59E-09	7.75E-08	2.88E-07

6084	475230.47	3849060.57	3.43E-04	3.69E-04	5.83E-04	1.19E-07	3.58E-07	2.07E-07	2.24E-07	2.03E-07	9.25E-08	1.46E-07	3.96E-09	9.57E-08	2.11E-08	3.03E-08	4.81E-08	8.49E-09	7.65E-08	2.84E-07
6085	475110.86	3848960.97	3.34E-04	3.60E-04	5.67E-04	1.15E-07	3.49E-07	2.02E-07	2.18E-07	1.97E-07	9.00E-08	1.42E-07	3.86E-09	9.31E-08	2.06E-08	2.95E-08	4.69E-08	8.26E-09	7.45E-08	2.77E-07
6086	475037.79	3848896.28	3.25E-04	3.51E-04	5.54E-04	1.13E-07	3.40E-07	1.97E-07	2.12E-07	1.92E-07	8.78E-08	1.39E-07	3.76E-09	9.08E-08	2.00E-08	2.88E-08	4.57E-08	8.06E-09	7.27E-08	2.70E-07
6087	474964.72	3848831.59	3.18E-04	3.43E-04	5.41E-04	1.10E-07	3.32E-07	1.92E-07	2.07E-07	1.88E-07	8.58E-08	1.35E-07	3.67E-09	8.88E-08	1.96E-08	2.82E-08	4.47E-08	7.87E-09	7.11E-08	2.64E-07
6088	474891.65	3848766.9	3.13E-04	3.37E-04	5.32E-04	1.08E-07	3.27E-07	1.89E-07	2.04E-07	1.85E-07	8.44E-08	1.33E-07	3.62E-09	8.73E-08	1.93E-08	2.77E-08	4.40E-08	7.75E-09	6.99E-08	2.60E-07
6089	474818.58	3848702.22	3.09E-04	3.33E-04	5.26E-04	1.07E-07	3.23E-07	1.87E-07	2.02E-07	1.83E-07	8.34E-08	1.32E-07	3.57E-09	8.63E-08	1.90E-08	2.74E-08	4.34E-08	7.66E-09	6.91E-08	2.57E-07
6090	474745.51	3848637.53	3.11E-04	3.36E-04	5.29E-04	1.08E-07	3.25E-07	1.88E-07	2.03E-07	1.84E-07	8.40E-08	1.32E-07	3.60E-09	8.69E-08	1.92E-08	2.76E-08	4.37E-08	7.71E-09	6.95E-08	2.58E-07
6091	474672.44	3848572.84	3.09E-04	3.33E-04	5.26E-04	1.07E-07	3.23E-07	1.87E-07	2.02E-07	1.83E-07	8.34E-08	1.32E-07	3.57E-09	8.63E-08	1.91E-08	2.74E-08	4.35E-08	7.66E-09	6.90E-08	2.56E-07
6092	474599.37	3848508.15	3.03E-04	3.26E-04	5.15E-04	1.05E-07	3.16E-07	1.83E-07	1.98E-07	1.79E-07	8.17E-08	1.29E-07	3.50E-09	8.45E-08	1.87E-08	2.68E-08	4.25E-08	7.50E-09	6.76E-08	2.51E-07
6093	474526.3	3848443.46	2.98E-04	3.22E-04	5.07E-04	1.03E-07	3.12E-07	1.81E-07	1.95E-07	1.77E-07	8.06E-08	1.27E-07	3.45E-09	8.33E-08	1.84E-08	2.64E-08	4.19E-08	7.39E-09	6.66E-08	2.48E-07

							2028 - RD					2033 - RD					2048 - RD				
	Period					Rates (g/s	1.88E-03	8.77E-05	1.98E-06	1.12E-06		2.30E-03	1.08E-04	1.96E-06	6.25E-07		2.03E-03	8.27E-05	1.90E-06	6.46E-07	
	Concentration [ug/m^3] at 1 g/s						Concentration [ug/m^3]										Concentration [ug/m^3]				
	X, Y	IMF (SLINE4)	IMF-Idle (PARE	IMF-Switchers (I	IMF-Trucks (SLIN	IMF-Truck-Idle (PAREA5)	IMF	IMF-Idle	IMF-Truck	IMF-Truck	Total	IMF	IMF-Idle	IMF-Truck	IMF-Truck	Total	IMF	IMF-Idle	IMF-Truck	IMF-Truck	Total
1	485973.61, 3854936.51	0.56541	0.92314	0.47664	0.52785	0.11869	1.06E-03	8.1E-05	1E-06	1.3E-07	1.14E-03	1.30E-03	9.92E-05	1.03E-06	7.42E-08	1.40E-03	1.15E-03	7.6E-05	1E-06	7.7E-08	0.0012
2	486023.61, 3854936.51	0.54183	0.87107	0.45868	0.50793	0.1188	1.02E-03	7.6E-05	1E-06	1.3E-07	1.10E-03	1.25E-03	9.36E-05	9.95E-07	7.43E-08	1.34E-03	1.10E-03	7.2E-05	9.7E-07	7.7E-08	0.0012
3	486073.61, 3854936.51	0.524	0.8297	0.44607	0.49377	0.11947	9.85E-04	7.3E-05	9.8E-07	1.3E-07	1.06E-03	1.21E-03	8.92E-05	9.67E-07	7.47E-08	1.30E-03	1.06E-03	6.9E-05	9.4E-07	7.7E-08	0.0011
4	486123.61, 3854936.51	0.49656	0.77465	0.42343	0.46889	0.1184	9.33E-04	6.8E-05	9.3E-07	1.3E-07	1.00E-03	1.14E-03	8.33E-05	9.19E-07	7.41E-08	1.23E-03	1.01E-03	6.4E-05	8.9E-07	7.6E-08	0.0011
5	486173.61, 3854936.51	0.48684	0.74851	0.41807	0.46255	0.11971	9.15E-04	6.6E-05	9.2E-07	1.3E-07	9.82E-04	1.12E-03	8.05E-05	9.06E-07	7.49E-08	1.20E-03	9.88E-04	6.2E-05	8.8E-07	7.7E-08	0.0011
6	486223.61, 3854936.51	0.46831	0.71014	0.40362	0.44643	0.11941	8.80E-04	6.2E-05	8.9E-07	1.3E-07	9.43E-04	1.08E-03	7.63E-05	8.75E-07	7.47E-08	1.16E-03	9.51E-04	5.9E-05	8.5E-07	7.7E-08	0.001
7	486273.61, 3854936.51	0.4536	0.6788	0.39272	0.43411	0.11947	8.52E-04	6E-05	8.6E-07	1.3E-07	9.13E-04	1.04E-03	7.30E-05	8.50E-07	7.47E-08	1.12E-03	9.21E-04	5.6E-05	8.3E-07	7.7E-08	0.001
8	486323.61, 3854936.51	0.44054	0.65092	0.3832	0.4233	0.11959	8.28E-04	5.7E-05	8.4E-07	1.3E-07	8.86E-04	1.01E-03	7.00E-05	8.29E-07	7.48E-08	1.09E-03	8.94E-04	5.4E-05	8.1E-07	7.7E-08	0.0009
9	485973.61, 3854986.51	0.61269	0.95262	0.531	0.5973	0.14266	1.15E-03	8.4E-05	1.2E-06	1.6E-07	1.24E-03	1.41E-03	1.02E-04	1.17E-06	8.92E-08	1.51E-03	1.24E-03	7.9E-05	1.1E-06	9.2E-08	0.0013
10	486023.61, 3854986.51	0.58908	0.90219	0.51273	0.57612	0.14247	1.11E-03	7.9E-05	1.1E-06	1.6E-07	1.19E-03	1.36E-03	9.70E-05	1.13E-06	8.91E-08	1.45E-03	1.20E-03	7.5E-05	1.1E-06	9.2E-08	0.0013
11	486073.61, 3854986.51	0.56394	0.85093	0.49236	0.5529	0.14166	1.06E-03	7.5E-05	1.1E-06	1.6E-07	1.14E-03	1.30E-03	9.15E-05	1.08E-06	8.86E-08	1.39E-03	1.15E-03	7E-05	1.1E-06	9.2E-08	0.0012
12	486123.61, 3854986.51	0.54081	0.80422	0.47367	0.53155	0.14076	1.02E-03	7.1E-05	1.1E-06	1.6E-07	1.09E-03	1.25E-03	8.65E-05	1.04E-06	8.80E-08	1.33E-03	1.10E-03	6.7E-05	1E-06	9.1E-08	0.0012
13	486173.61, 3854986.51	0.5251	0.7697	0.46225	0.51808	0.14088	9.87E-04	6.8E-05	1E-06	1.6E-07	1.06E-03	1.21E-03	8.27E-05	1.01E-06	8.81E-08	1.29E-03	1.07E-03	6.4E-05	9.9E-07	9.1E-08	0.0011
14	486223.61, 3854986.51	0.50388	0.72867	0.44477	0.49811	0.13974	9.47E-04	6.4E-05	9.9E-07	1.6E-07	1.01E-03	1.16E-03	7.83E-05	9.76E-07	8.74E-08	1.24E-03	1.02E-03	6E-05	9.5E-07	9E-08	0.0011
15	486273.61, 3854986.51	0.48245	0.68887	0.42684	0.4777	0.13827	9.07E-04	6E-05	9.5E-07	1.5E-07	9.68E-04	1.11E-03	7.41E-05	9.36E-07	8.65E-08	1.19E-03	9.80E-04	5.7E-05	9.1E-07	8.9E-08	0.001
16	486323.61, 3854986.51	0.47533	0.66996	0.42327	0.47285	0.1392	8.93E-04	5.9E-05	9.4E-07	1.6E-07	9.53E-04	1.09E-03	7.20E-05	9.26E-07	8.71E-08	1.17E-03	9.65E-04	5.5E-05	9E-07	9E-08	0.001
17	485973.61, 3855036.51	0.66415	0.97191	0.5914	0.67369	0.17183	1.25E-03	8.5E-05	1.3E-06	1.9E-07	1.33E-03	1.53E-03	1.04E-04	1.32E-06	1.07E-07	1.64E-03	1.35E-03	8E-05	1.3E-06	1.1E-07	0.0014
18	486023.61, 3855036.51	0.63585	0.91752	0.56779	0.64587	0.17017	1.19E-03	8E-05	1.3E-06	1.9E-07	1.28E-03	1.46E-03	9.86E-05	1.27E-06	1.06E-07	1.56E-03	1.29E-03	7.6E-05	1.2E-06	1.1E-07	0.0014
19	486073.61, 3855036.51	0.60499	0.86112	0.54092	0.61487	0.16762	1.14E-03	7.6E-05	1.2E-06	1.9E-07	1.21E-03	1.39E-03	9.26E-05	1.20E-06	1.05E-07	1.49E-03	1.23E-03	7.1E-05	1.2E-06	1.1E-07	0.0013
20	486123.61, 3855036.51	0.58036	0.81482	0.52035	0.59074	0.16585	1.09E-03	7.1E-05	1.2E-06	1.9E-07	1.16E-03	1.34E-03	8.76E-05	1.16E-06	1.04E-07	1.43E-03	1.18E-03	6.7E-05	1.1E-06	1.1E-07	0.0012
21	486173.61, 3855036.51	0.56331	0.78006	0.50744	0.57497	0.16523	1.06E-03	6.8E-05	1.1E-06	1.8E-07	1.13E-03	1.30E-03	8.39E-05	1.13E-06	1.03E-07	1.38E-03	1.14E-03	6.5E-05	1.1E-06	1.1E-07	0.0012
22	486223.61, 3855036.51	0.53747	0.73501	0.48478	0.54888	0.16253	1.01E-03	6.4E-05	1.1E-06	1.8E-07	1.08E-03	1.24E-03	7.90E-05	1.08E-06	1.02E-07	1.32E-03	1.09E-03	6.1E-05	1E-06	1E-07	0.0012
23	486273.61, 3855036.51	0.52424	0.7078	0.47516	0.5369	0.16212	9.85E-04	6.2E-05	1.1E-06	1.8E-07	1.05E-03	1.21E-03	7.61E-05	1.05E-06	1.01E-07	1.28E-03	1.06E-03	5.9E-05	1E-06	1E-07	0.0011
24	486323.61, 3855036.51	0.50497	0.67395	0.45885	0.51784	0.16025	9.49E-04	5.9E-05	1E-06	1.8E-07	1.01E-03	1.16E-03	7.25E-05	1.01E-06	1.00E-07	1.24E-03	1.03E-03	5.6E-05	9.9E-07	1E-07	0.0011
25	485973.61, 3855086.51	0.71485	0.97486	0.65252	0.75124	0.20578	1.34E-03	8.6E-05	1.5E-06	2.3E-07	1.43E-03	1.65E-03	1.05E-04	1.47E-06	1.29E-07	1.75E-03	1.45E-03	8.1E-05	1.4E-06	1.3E-07	0.0015
26	486023.61, 3855086.51	0.68695	0.92505	0.62904	0.72248	0.20317	1.29E-03	8.1E-05	1.4E-06	2.3E-07	1.37E-03	1.58E-03	9.94E-05	1.42E-06	1.27E-07	1.68E-03	1.39E-03	7.7E-05	1.4E-06	1.3E-07	0.0015
27	486073.61, 3855086.51	0.65221	0.86783	0.59733	0.68548	0.19863	1.23E-03	7.6E-05	1.4E-06	2.2E-07	1.30E-03	1.50E-03	9.33E-05	1.34E-06	1.24E-07	1.60E-03	1.32E-03	7.2E-05	1.3E-06	1.3E-07	0.0014
28	486123.61, 3855086.51	0.62856	0.82589	0.57756	0.66142	0.1962	1.18E-03	7.2E-05	1.3E-06	2.2E-07	1.26E-03	1.45E-03	8.88E-05	1.30E-06	1.23E-07	1.54E-03	1.28E-03	6.8E-05	1.3E-06	1.3E-07	0.0013
29	486173.61, 3855086.51	0.59983	0.77891	0.55173	0.63115	0.19235	1.13E-03	6.8E-05	1.3E-06	2.1E-07	1.20E-03	1.38E-03	8.37E-05	1.24E-06	1.20E-07	1.47E-03	1.22E-03	6.4E-05	1.2E-06	1.2E-07	0.0013
30	486223.61, 3855086.51	0.57888	0.74275	0.53402	0.60976	0.18988	1.09E-03	6.5E-05	1.2E-06	2.1E-07	1.15E-03	1.33E-03	7.98E-05	1.19E-06	1.19E-07	1.41E-03	1.18E-03	6.1E-05	1.2E-06	1.2E-07	0.0012
31	485973.61, 3855136.51	0.77283	0.97371	0.72362	0.83963	0.24626	1.45E-03	8.5E-05	1.7E-06	2.8E-07	1.54E-03	1.78E-03	1.05E-04	1.64E-06	1.54E-07	1.89E-03	1.57E-03	8.1E-05	1.6E-06	1.6E-07	0.0017
32	486023.61, 3855136.51	0.73784	0.92032	0.6916	0.80083	0.2406	1.39E-03	8.1E-05	1.6E-06	2.7E-07	1.47E-03	1.70E-03	9.89E-05	1.57E-06	1.50E-07	1.80E-03	1.50E-03	7.6E-05	1.5E-06	1.6E-07	0.0016
33	486073.61, 3855136.51	0.7041	0.8694	0.66051	0.76352	0.23486	1.32E-03	7.6E-05	1.5E-06	2.6E-07	1.40E-03	1.62E-03	9.35E-05	1.50E-06	1.47E-07	1.72E-03	1.43E-03	7.2E-05	1.5E-06	1.5E-07	0.0015
34	486123.61, 3855136.51	0.67462	0.82431	0.63382	0.73129	0.22983	1.27E-03	7.2E-05	1.5E-06	2.6E-07	1.34E-03	1.55E-03	8.86E-05	1.43E-06	1.44E-07	1.64E-03	1.37E-03	6.8E-05	1.4E-06	1.5E-07	0.0014
35	486173.61, 3855136.51	0.64514	0.78029	0.60672	0.69894	0.2246	1.21E-03	6.8E-05	1.4E-06	2.5E-07	1.28E-03	1.49E-03	8.39E-05	1.37E-06	1.40E-07	1.57E-03	1.31E-03	6.5E-05	1.3E-06	1.5E-07	0.0014
36	486223.61, 3855136.51	0.61931	0.74143	0.58333	0.67081	0.22002	1.16E-03	6.5E-05	1.3E-06	2.5E-07	1.23E-03	1.43E-03	7.97E-05	1.31E-06	1.38E-07	1.51E-03	1.26E-03	6.1E-05	1.3E-06	1.4E-07	0.0013
37	485973.61, 3855186.51	0.83268	0.96216	0.79871	0.93286	0.29219	1.56E-03	8.4E-05	1.9E-06	3.3E-07	1.65E-03	1.92E-03	1.03E-04	1.83E-06	1.83E-07	2.02E-03	1.69E-03	8E-05	1.8E-06	1.89E-07	0.0018
38	486023.61, 3855186.51	0.79541	0.91245	0.76355	0.88951	0.28405	1.49E-03	8E-05	1.8E-06	3.2E-07	1.58E-03	1.83E-03	9.81E-05	1.74E-06	1.78E-07	1.93E-03	1.61E-03	7.5E-05	1.7E-06	1.8E-07	0.0017
39	486073.61, 3855186.51	0.7547	0.85989	0.7237	0.84192	0.27468	1.42E-03	7.5E-05	1.7E-06	3.1E-07	1.50E-03	1.74E-03	9.24E-05	1.65E-06	1.72E-07	1.83E-03	1.53E-03	7.1E-05	1.6E-06	1.8E-07	0.0016
40	486123.61, 3855186.51	0.71722	0.8113	0.68738	0.79853	0.26601	1.35E-03	7.1E-05	1.6E-06	3E-07	1.42E-03	1.65E-03	8.72E-05	1.56E-06	1.66E-07	1.74E-03	1.46E-03	6.7E-05	1.5E-06	1.7E-07	0.0015
41	486173.61, 3855186.51	0.68703	0.77074	0.6591	0.76409	0.2591	1.29E-03	6.8E-05	1.5E-06	2.9E-07	1.36E-03	1.58E-03	8.29E-05	1.50E-06	1.62E-07	1.67E-03	1.39E-03	6.4E-05	1.5E-06	1.7E-07	0.0015
42	486223.61, 3855186.51	0.65885	0.73303	0.63275	0.73208	0.25265	1.24E-03	6.4E-05	1.5E-06	2.8E-07	1.30E-03	1.52E-03	7.88E-05	1.43E-06	1.58E-07	1.60E-03	1.34E-03	6.1E-05	1.4E-06	1.6E-07	0.0014
43	486273.61, 3855186.51	0.63097	0.69653	0.60636	0.7003	0.2461	1.19E-03	6.1E-05	1.4E-06	2.7E-07	1.25E-03	1.45E-03	7.49E-05	1.37E-06	1.54E-07	1.53E-03	1.28E-03	5.8E-05	1.3E-06	1.6E-07	0.0013
44	486323.61, 3855186.51	0.62128	0.67892	0.60025	0.69072	0.24448	1.17E-03	6E-05	1.4E-06	2.7E-07	1.23E-03	1.43E-03	7.30E-05	1.35E-06	1.53E-07	1.51E-03	1.26E-03	5.6E-05	1.3E-06	1.6E-07	0.0013
45	485973.61, 3855236.51	0.8933	0.93945	0.87555	1.02894	0.34277	1.68E-03	8.2E-05	2E-06	3.8E-07	1.76E-03	2.06E-03	1.01E-04	2.02E-06	2.14E-07	2.16E-03	1.81E-03	7.8E-05	2E-06	2.2E-07	0.0019
46	486023.61, 3855236.51	0.84682	0.88847	0.82915	0.97229	0.32958	1.59E-03	7.8E-05	1.9E-06	3.7E-07	1.67E-03	1.95E-03	9.55E-05	1.90E-06	2.06E-07	2.05E-03	1.72E-03	7.3E-05	1.8E-06	2.1E-07	0.0018
47	486073.61, 3855236.51	0.802	0.83903	0.78418	0.91791	0.31687	1.51E-03	7.4E-05	1.8E-06	3.5E-07	1.58E-03	1.85E-03	9.02E-05	1.80E-06	1.98E-07	1.94E-03	1.63E-03	6.9E-05	1.7E-06	2E-07	0.0017
48	486123.61, 3855236.51	0.76539	0.79706	0.74852	0.87416	0.30664	1.44E-03	7E-05	1.7E-06	3.4E-07	1.51E-03	1.76E-03	8.57E-05	1.71E-06	1.92E-07	1.85E-03	1.55E-03	6.6E-05	1.7E-06	2E-07	0.0016
49	486173.61, 3855236.51	0.73227	0.75848	0.71654	0.83489	0.29738	1.38E-03	6.7E-05	1.7E-06	3.3E-07	1.44E-03	1.69E-03	8.15E-05	1.64E-06	1.86E-07	1.77E-03	1.49E-03	6.3E-05	1.6E-06	1.9E-07	0.0016
50	486223.61, 3855236.51	0.69986	0.72089	0.68492	0.79646	0.28818	1.32E-03	6.3E-05	1.6E-06	3.2E-07	1.38E-03	1.61E-03	7.75E-05	1.56E-06	1.80E-07	1.69E-03	1.42E-03	6E-05	1.5E-06	1.9E-07	0.0015
51	486273.61, 3855236.51	0.66176	0.67877	0.64649	0.75093	0.27724	1.24E-03	6E-05	1.5E-06	3.1E-07	1.30E-03	1.52E-03	7.30E-05	1.47E-06	1.73E-07	1.60E-03	1.34E-03	5.6E-05	1.4E-06	1.8E-07	0.0014
52	486323.61, 3855236.51	0.65894	0.66897	0.64819	0.74939	0.2768	1.24E-03	5.9E-05	1.5E-06	3.1E-07	1.30E-03	1.52E-03	7.19E-05	1.47E-06	1.73E-07	1.59E-03	1.34E-03	5.5E-05	1.4E-06	1.8E-07	0.0014
53	485973.61, 3855286.51	0.95535	0.9063	0.95407	1.12788	0.39739	1.80E-03	8E-05	2.2E-06	4.4E-07	1.88E-03	2.20E-03	9.74E-05	2.21E-06	2.49E-07	2.30E-03	1.94E-03	7.5E-05	2.1E-06	2.6E-07	0.002
54	486023.61, 3855286.51	0.90256	0.85899	0.90024	1.06169	0.37949	1.70E-03	7.5E-05	2.1E-06	4.2E-07	1.77E-03	2.08E-03	9.23E-05	2.08E-06	2.37E-07	2.17E-03	1.83E-03	7.1E-05	2E-06	2.5E-07	0.0019
55	486073.61, 3855286.51	0.8568	0.8165	0.85423	1.00476	0.36421	1.61E-03	7.2E-05	2E-06	4.1E-07	1.68E-03	1.97E-03	8.78E-05	1.97E-06	2.28E-07	2.06E-03	1.74E-03	6.8E-05	1.9E-06	2.4E-07	0.0018
56	486123.61, 3855286.51	0.81257	0.77471	0.80939	0.94989	0.3495	1.53E-03	6.8E-05	1.9E-06	3.9E-07	1.60E-03	1.87E-03	8.33E-05	1.86E-06	2.19E-07	1.96E-03	1.65E-03	6.4E-05	1.8E-06	2.3E-07	0.0017
57	486173.61, 3855286.51	0.77351	0.73664	0.77018	0.90182	0.33658	1.45E-03	6.5E-05	1.8E-06	3.8E-07	1.52E-03	1.78E-03	7.92E-05	1.77E-06	2.11E-07	1.86E-03	1.57E-03	6.1E-05	1.7E-06	2.2E-07	0.0016
58	486223.61, 3855286.51	0.74198	0.70446	0.73939	0.86351	0.32613	1.39E-03	6.2E-05	1.7E-06	3.6E-07	1.46E-03	1.71E-03	7.57E-05	1.69E-06	2.04E-07	1.79E-03	1.51E-03	5.8E-05	1.6E-06	2.1E-07	0.0016
59	486123.61, 3855336.51	0.86134	0.74619	0.87236	1.02833	0.3949	1.62E-03	6.5E-05	2E-06	4.4E-07	1.69E-03	1.98E-03	8.02E-05	2.01E-06	2.47E-07	2.07E-03	1.75E-03	6.2E-05	2E-06	2.6E-07	0.0018
60	486173.61, 3855336.51	0.82261	0.71444	0.83356	0.97966	0.38022	1.55E-03	6.3E-05	1.9E-06	4.2E-07	1.61E-03	1.89E-03	7.68E-05	1.92E-06	2.38E-07	1.97E-03	1.67E-03	5.9E-05	1.9E-06	2.5E-07	0.0017

61	486223.61, 3855336.51	0.78506	0.68294	0.79556	0.93263	0.36607	1.48E-03	6E-05	1.9E-06	4.1E-07	1.54E-03	1.81E-03	7.34E-05	1.83E-06	2.29E-07	1.88E-03	1.59E-03	5.6E-05	1.8E-06	2.4E-07	0.0017
62	486123.61, 3855386.51	0.91452	0.71344	0.94037	1.11269	0.44353	1.72E-03	6.3E-05	2.2E-06	5E-07	1.78E-03	2.11E-03	7.67E-05	2.18E-06	2.77E-07	2.19E-03	1.86E-03	5.9E-05	2.1E-06	2.9E-07	0.0019
63	486173.61, 3855386.51	0.87184	0.6853	0.89707	1.058	0.42556	1.64E-03	6E-05	2.1E-06	4.8E-07	1.70E-03	2.01E-03	7.37E-05	2.07E-06	2.66E-07	2.08E-03	1.77E-03	5.7E-05	2E-06	2.7E-07	0.0018
64	486223.61, 3855386.51	0.83366	0.6589	0.85839	1.00932	0.40948	1.57E-03	5.8E-05	2E-06	4.6E-07	1.63E-03	1.92E-03	7.08E-05	1.98E-06	2.56E-07	1.99E-03	1.69E-03	5.4E-05	1.9E-06	2.6E-07	0.0017
65	486533.18, 3855443.15	0.70181	0.51265	0.73708	0.85519	0.37343	1.32E-03	4.5E-05	1.7E-06	4.2E-07	1.37E-03	1.62E-03	5.51E-05	1.68E-06	2.34E-07	1.67E-03	1.42E-03	4.2E-05	1.6E-06	2.4E-07	0.0015
66	486583.18, 3855443.15	0.67622	0.49684	0.71027	0.82228	0.36165	1.27E-03	4.4E-05	1.6E-06	4E-07	1.32E-03	1.56E-03	5.34E-05	1.61E-06	2.26E-07	1.61E-03	1.37E-03	4.1E-05	1.6E-06	2.3E-07	0.0014
67	486633.18, 3855443.15	0.65224	0.48181	0.68515	0.79145	0.35056	1.23E-03	4.2E-05	1.6E-06	3.9E-07	1.27E-03	1.50E-03	5.18E-05	1.55E-06	2.19E-07	1.56E-03	1.32E-03	4E-05	1.5E-06	2.3E-07	0.0014
68	486683.18, 3855443.15	0.63388	0.46986	0.66638	0.76792	0.34194	1.19E-03	4.1E-05	1.5E-06	3.8E-07	1.23E-03	1.46E-03	5.05E-05	1.50E-06	2.14E-07	1.51E-03	1.29E-03	3.9E-05	1.5E-06	2.2E-07	0.0013
69	486533.18, 3855493.15	0.73648	0.49287	0.78309	0.9103	0.40619	1.38E-03	4.3E-05	1.8E-06	4.5E-07	1.43E-03	1.70E-03	5.30E-05	1.78E-06	2.54E-07	1.75E-03	1.50E-03	4.1E-05	1.7E-06	2.6E-07	0.0015
70	486583.18, 3855493.15	0.71072	0.4797	0.75591	0.87672	0.3935	1.34E-03	4.2E-05	1.7E-06	4.4E-07	1.38E-03	1.64E-03	5.16E-05	1.72E-06	2.46E-07	1.69E-03	1.44E-03	4E-05	1.7E-06	2.5E-07	0.0015
71	486633.18, 3855493.15	0.68546	0.46661	0.7291	0.84379	0.38106	1.29E-03	4.1E-05	1.7E-06	4.3E-07	1.33E-03	1.58E-03	5.02E-05	1.65E-06	2.38E-07	1.63E-03	1.39E-03	3.9E-05	1.6E-06	2.5E-07	0.0014
72	486683.18, 3855493.15	0.66205	0.45418	0.70425	0.81329	0.36954	1.24E-03	4E-05	1.6E-06	4.1E-07	1.29E-03	1.52E-03	4.88E-05	1.59E-06	2.31E-07	1.58E-03	1.34E-03	3.8E-05	1.5E-06	2.4E-07	0.0014
73	486533.18, 3855543.15	0.7757	0.4726	0.83428	0.97125	0.44148	1.46E-03	4.1E-05	1.9E-06	4.9E-07	1.50E-03	1.79E-03	5.08E-05	1.90E-06	2.76E-07	1.84E-03	1.57E-03	3.9E-05	1.8E-06	2.9E-07	0.0016
74	486583.18, 3855543.15	0.74219	0.45843	0.79797	0.92701	0.42445	1.39E-03	4E-05	1.8E-06	4.7E-07	1.44E-03	1.71E-03	4.93E-05	1.82E-06	2.65E-07	1.76E-03	1.51E-03	3.8E-05	1.8E-06	2.7E-07	0.0015
75	486633.18, 3855543.15	0.71668	0.44763	0.77066	0.89341	0.41113	1.35E-03	3.9E-05	1.8E-06	4.6E-07	1.39E-03	1.65E-03	4.81E-05	1.75E-06	2.57E-07	1.70E-03	1.46E-03	3.7E-05	1.7E-06	2.7E-07	0.0015
76	486683.18, 3855543.15	0.68651	0.43427	0.73775	0.85364	0.39579	1.29E-03	3.8E-05	1.7E-06	4.4E-07	1.33E-03	1.58E-03	4.67E-05	1.67E-06	2.48E-07	1.63E-03	1.39E-03	3.6E-05	1.6E-06	2.6E-07	0.0014
77	486533.18, 3855593.15	0.81331	0.45014	0.88339	1.02975	0.47633	1.53E-03	3.9E-05	2E-06	5.3E-07	1.57E-03	1.87E-03	4.84E-05	2.02E-06	2.98E-07	1.92E-03	1.65E-03	3.7E-05	2E-06	3.1E-07	0.0017
78	486583.18, 3855593.15	0.77975	0.43838	0.84689	0.98508	0.45839	1.47E-03	3.8E-05	2E-06	5.1E-07	1.51E-03	1.80E-03	4.71E-05	1.93E-06	2.87E-07	1.84E-03	1.58E-03	3.6E-05	1.9E-06	3E-07	0.0016
79	486633.18, 3855593.15	0.74993	0.42793	0.81441	0.94545	0.44233	1.41E-03	3.8E-05	1.9E-06	4.9E-07	1.45E-03	1.73E-03	4.60E-05	1.85E-06	2.77E-07	1.78E-03	1.52E-03	3.5E-05	1.8E-06	2.9E-07	0.0016
80	486683.18, 3855593.15	0.72488	0.41915	0.78722	0.91217	0.42859	1.36E-03	3.7E-05	1.8E-06	4.8E-07	1.40E-03	1.67E-03	4.51E-05	1.79E-06	2.68E-07	1.72E-03	1.47E-03	3.5E-05	1.7E-06	2.8E-07	0.0015
81	486533.18, 3855643.15	0.85464	0.42872	0.93643	1.09289	0.51297	1.61E-03	3.8E-05	2.2E-06	5.7E-07	1.65E-03	1.97E-03	4.61E-05	2.14E-06	3.21E-07	2.02E-03	1.74E-03	3.5E-05	2.1E-06	3.3E-07	0.0018
82	486583.18, 3855643.15	0.8199	0.41858	0.89842	1.04633	0.49365	1.54E-03	3.7E-05	2.1E-06	5.5E-07	1.58E-03	1.89E-03	4.50E-05	2.05E-06	3.09E-07	1.94E-03	1.66E-03	3.5E-05	2E-06	3.2E-07	0.0017
83	486633.18, 3855643.15	0.78741	0.40914	0.86276	1.00284	0.47558	1.48E-03	3.6E-05	2E-06	5.3E-07	1.52E-03	1.81E-03	4.40E-05	1.96E-06	2.97E-07	1.86E-03	1.60E-03	3.4E-05	1.9E-06	3.1E-07	0.0016
84	486683.18, 3855643.15	0.75861	0.40079	0.83109	0.96428	0.45941	1.43E-03	3.5E-05	1.9E-06	5.1E-07	1.46E-03	1.75E-03	4.31E-05	1.89E-06	2.87E-07	1.79E-03	1.54E-03	3.3E-05	1.8E-06	3E-07	0.0016
85	486533.18, 3855693.15	0.90326	0.40977	0.99703	1.1655	0.55304	1.70E-03	3.6E-05	2.3E-06	6.2E-07	1.74E-03	2.08E-03	4.41E-05	2.28E-06	3.46E-07	2.13E-03	1.83E-03	3.4E-05	2.2E-06	3.6E-07	0.0019
86	486583.18, 3855693.15	0.85905	0.39859	0.94845	1.10588	0.52827	1.61E-03	3.5E-05	2.2E-06	5.9E-07	1.65E-03	1.98E-03	4.28E-05	2.17E-06	3.30E-07	2.02E-03	1.74E-03	3.3E-05	2.1E-06	3.4E-07	0.0018
87	486633.18, 3855693.15	0.8172	0.38788	0.90216	1.0495	0.505	1.54E-03	3.4E-05	2.1E-06	5.6E-07	1.57E-03	1.88E-03	4.17E-05	2.06E-06	3.16E-07	1.93E-03	1.66E-03	3.2E-05	2E-06	3.3E-07	0.0017
88	486683.18, 3855693.15	0.79397	0.38291	0.87651	1.01825	0.49091	1.49E-03	3.4E-05	2E-06	5.5E-07	1.53E-03	1.83E-03	4.12E-05	1.99E-06	3.07E-07	1.87E-03	1.61E-03	3.2E-05	1.9E-06	3.2E-07	0.0016
89	486733.18, 3855693.15	0.77812	0.38023	0.85906	0.99689	0.48076	1.46E-03	3.3E-05	2E-06	5.4E-07	1.50E-03	1.79E-03	4.09E-05	1.95E-06	3.01E-07	1.83E-03	1.58E-03	3.1E-05	1.9E-06	3.1E-07	0.0016
90	486783.18, 3855693.15	0.76597	0.37849	0.84567	0.98053	0.47298	1.44E-03	3.3E-05	1.9E-06	5.3E-07	1.48E-03	1.76E-03	4.07E-05	1.92E-06	2.96E-07	1.81E-03	1.56E-03	3.1E-05	1.9E-06	3.1E-07	0.0016
91	486533.18, 3855743.15	0.95048	0.39109	1.05542	1.23584	0.59199	1.79E-03	3.4E-05	2.5E-06	6.6E-07	1.82E-03	2.19E-03	4.20E-05	2.42E-06	3.70E-07	2.23E-03	1.93E-03	3.2E-05	2.4E-06	3.8E-07	0.002
92	486583.18, 3855743.15	0.89697	0.37917	0.99676	1.16333	0.5619	1.69E-03	3.3E-05	2.3E-06	6.3E-07	1.72E-03	2.07E-03	4.08E-05	2.28E-06	3.51E-07	2.11E-03	1.82E-03	3.1E-05	2.2E-06	3.6E-07	0.0019
93	486633.18, 3855743.15	0.85791	0.37086	0.95343	1.11049	0.53933	1.61E-03	3.3E-05	2.2E-06	6E-07	1.65E-03	1.98E-03	3.99E-05	2.18E-06	3.37E-07	2.02E-03	1.74E-03	3.1E-05	2.1E-06	3.5E-07	0.0018
94	486683.18, 3855743.15	0.83724	0.36776	0.93022	1.08258	0.52607	1.57E-03	3.2E-05	2.1E-06	5.9E-07	1.61E-03	1.93E-03	3.95E-05	2.12E-06	3.29E-07	1.97E-03	1.70E-03	3E-05	2.1E-06	3.4E-07	0.0017
95	486733.18, 3855743.15	0.81239	0.36344	0.90246	1.04892	0.51098	1.53E-03	3.2E-05	2.1E-06	5.7E-07	1.56E-03	1.87E-03	3.91E-05	2.05E-06	3.20E-07	1.91E-03	1.65E-03	3E-05	2E-06	3.3E-07	0.0017
96	486783.18, 3855743.15	0.80313	0.36345	0.8917	1.03641	0.50451	1.51E-03	3.2E-05	2.1E-06	5.6E-07	1.54E-03	1.85E-03	3.91E-05	2.03E-06	3.16E-07	1.89E-03	1.63E-03	3E-05	2E-06	3.3E-07	0.0017
97	486533.18, 3855793.15	1.00275	0.3747	1.11849	1.31264	0.63289	1.88E-03	3.3E-05	2.6E-06	7.1E-07	1.92E-03	2.31E-03	4.03E-05	2.57E-06	3.96E-07	2.35E-03	2.04E-03	3.1E-05	2.5E-06	4.1E-07	0.0021
98	486583.18, 3855793.15	0.93411	0.36099	1.0439	1.21923	0.59462	1.76E-03	3.2E-05	2.4E-06	6.6E-07	1.79E-03	2.15E-03	3.88E-05	2.39E-06	3.72E-07	2.19E-03	1.90E-03	3E-05	2.3E-06	3.8E-07	0.0019
99	486633.18, 3855793.15	0.90877	0.35717	1.01507	1.18498	0.57825	1.71E-03	3.1E-05	2.4E-06	6.5E-07	1.74E-03	2.09E-03	3.84E-05	2.32E-06	3.62E-07	2.13E-03	1.85E-03	3E-05	2.3E-06	3.7E-07	0.0019
100	486683.18, 3855793.15	0.88636	0.35447	0.98945	1.15462	0.56388	1.67E-03	3.1E-05	2.3E-06	6.3E-07	1.70E-03	2.04E-03	3.81E-05	2.26E-06	3.53E-07	2.08E-03	1.80E-03	2.9E-05	2.2E-06	3.6E-07	0.0018
101	486733.18, 3855793.15	0.86159	0.35132	0.9614	1.12097	0.54874	1.62E-03	3.1E-05	2.2E-06	6.1E-07	1.65E-03	1.98E-03	3.78E-05	2.20E-06	3.43E-07	2.02E-03	1.75E-03	2.9E-05	2.1E-06	3.5E-07	0.0018
102	486783.18, 3855793.15	0.84056	0.34892	0.9374	1.0924	0.53563	1.58E-03	3.1E-05	2.2E-06	6E-07	1.61E-03	1.94E-03	3.75E-05	2.14E-06	3.35E-07	1.98E-03	1.71E-03	2.9E-05	2.1E-06	3.5E-07	0.0017
103	486533.18, 3855843.15	1.04878	0.3584	1.17457	1.3804	0.66968	1.97E-03	3.1E-05	2.7E-06	7.5E-07	2.01E-03	2.42E-03	3.85E-05	2.70E-06	4.19E-07	2.46E-03	2.13E-03	3E-05	2.6E-06	4.3E-07	0.0022
104	486583.18, 3855843.15	0.98672	0.34766	1.10702	1.29589	0.63427	1.85E-03	3E-05	2.6E-06	7.1E-07	1.89E-03	2.27E-03	3.74E-05	2.54E-06	3.97E-07	2.31E-03	2.00E-03	2.9E-05	2.5E-06	4.1E-07	0.002
105	486633.18, 3855843.15	0.95954	0.34405	1.07566	1.2591	0.6166	1.80E-03	3E-05	2.5E-06	6.9E-07	1.84E-03	2.21E-03	3.70E-05	2.47E-06	3.86E-07	2.25E-03	1.95E-03	2.8E-05	2.4E-06	4E-07	0.002
106	486683.18, 3855843.15	0.93443	0.34141	1.04658	1.22501	0.60056	1.76E-03	3E-05	2.4E-06	6.7E-07	1.79E-03	2.15E-03	3.67E-05	2.40E-06	3.76E-07	2.19E-03	1.90E-03	2.8E-05	2.3E-06	3.9E-07	0.0019
107	486733.18, 3855843.15	0.91045	0.33933	1.01883	1.19239	0.58559	1.71E-03	3E-05	2.4E-06	6.5E-07	1.74E-03	2.10E-03	3.65E-05	2.34E-06	3.66E-07	2.14E-03	1.85E-03	2.8E-05	2.3E-06	3.8E-07	0.0019
108	486783.18, 3855843.15	0.8859	0.33703	0.99066	1.15895	0.57057	1.66E-03	3E-05	2.3E-06	6.4E-07	1.70E-03	2.04E-03	3.62E-05	2.27E-06	3.57E-07	2.08E-03	1.80E-03	2.8E-05	2.2E-06	3.7E-07	0.0018
109	486533.18, 3855893.15	1.0842	0.34198	1.21963	1.43307	0.70071	2.04E-03	3E-05	2.8E-06	7.8E-07	2.07E-03	2.50E-03	3.68E-05	2.81E-06	4.38E-07	2.54E-03	2.20E-03	2.8E-05	2.7E-06	4.5E-07	0.0022
110	486583.18, 3855893.15	1.04878	0.33703	1.17897	1.38524	0.67795	1.97E-03	3E-05	2.7E-06	7.6E-07	2.00E-03	2.42E-03	3.62E-05	2.71E-06	4.24E-07	2.45E-03	2.13E-03	2.8E-05	2.6E-06	4.4E-07	0.0022
111	486633.18, 3855893.15	1.01452	0.33263	1.13968	1.33875	0.65637	1.91E-03	2.9E-05	2.7E-06	7.3E-07	1.94E-03	2.34E-03	3.58E-05	2.62E-06	4.11E-07	2.38E-03	2.06E-03	2.8E-05	2.5E-06	4.2E-07	0.0021
112	486683.18, 3855893.15	0.98628	0.32991	1.10671	1.30038	0.63845	1.85E-03	2.9E-05	2.6E-06	7.1E-07	1.89E-03	2.27E-03	3.55E-05	2.55E-06	3.99E-07	2.31E-03	2.00E-03	2.7E-05	2.5E-06	4.1E-07	0.002
113	486733.18, 3855893.15	0.95962	0.32796	1.07558	1.26405	0.62189	1.80E-03	2.9E-05	2.5E-06	6.9E-07	1.84E-03	2.21E-03	3.53E-05	2.48E-06	3.89E-07	2.25E-03	1.95E-03	2.7E-05	2.4E-06	4E-07	0.002
114	486783.18, 3855893.15	0.93696	0.32691	1.04874	1.23316	0.60809	1.76E-03	2.9E-05	2.4E-06	6.8E-07	1.79E-03	2.16E-03	3.51E-05	2.42E-06	3.80E-07	2.20E-03	1.90E-03	2.7E-05	2.3E-06	3.9E-07	0.0019
115	486533.18, 3855943.15	1.14541	0.33132	1.29036	1.5208	0.74391	2.15E-03	2.9E-05	3E-06	8.3E-07	2.19E-03	2.64E-03	3.56E-05	2.98E-06	4.65E-07	2.68E-03	2.33E-03	2.7E-05	2.9E-06	4.8E-07	0.0024
116	486583.18, 3855943.15	1.11718	0.32812	1.256	1.48311	0.72413	2.10E-03	2.9E-05	2.9E-06	8.1E-07	2.13E-03	2.57E-03	3.53E-05	2.91E-06	4.53E-07	2.61E-03	2.27E-03	2.7E-05	2.8E-06	4.7E-07	0.0023
117	486633.18, 3855943.15	1.07517	0.32304	1.20835	1.42599	0.69824	2.02E-03	2.8E-05	2.8E-06	7.8E-07	2.05E-03	2.48E-03	3.47E-05	2.79E-06	4.37E-07	2.51E-03	2.18E-03	2.7E-05	2.7E-06	4.5E-07	0.0022
118	486683.18, 3855943.15	1.04699	0.32077	1.17458	1.38773	0.68027	1.97E-03	2.8E-05	2.8E-06	7.6E-07	2.00E-03	2.41E-03	3.45E-05	2.72E-06	4.25E-07	2.45E-03	2.13E-03	2.7E-05	2.6E-06	4.4E-07	0.0022
119	486733.18, 3855943.15	1.0136	0.31823	1.13613	1.34212	0.6599	1.90E-03	2.8E-05	2.7E-06	7.4E-07	1.94E-03	2.33E-03	3.42E-05	2.63E-06	4.13E-07	2.37E-03	2.06E-03	2.6E-05	2.6E-06	4.3E-07	0.0021
120	486783.18, 3855943.15	0.98957	0.3176	1.10718	1.30931	0.64553	1.86E-03	2.8E-05	2.6E-06	7.2E-07	1.89E-03	2.28E-03	3.41E-05	2.56E-06	4.04E-07	2.32E-03	2.01E-03	2.6E-05	2.5E-06	4.2E-07	0.002
121	486533.18, 3855993.15	1.22468	0.32381	1.37765	1.63303	0.79504	2.30E-03	2.8E-05	3.2E-06	8.9E-07	2.33E-03	2.82E-03	3.48E-05	3.20E-06	4.97E-07	2.86E-03	2.49E-03	2.7E-05	3.1E-06	5.1E-07	0.0025
122	486583.18, 3855993.15	1.18321	0.31946	1.32935	1.57731	0.76817	2.22E-03	2.8E-05	3.1E-06	8.6E-07	2.26E-03	2.72E-03	3.43E-05	3.09E-06	4.80E-07	2.76E-03	2.40E-03	2.6E-05	3E-06	5E-07	0.0024
123	486633.18, 3855993.15	1.14265	0.31522	1.2823	1.52235	0.74266	2.15E-03	2.8E-05	3E-06	8.3E-07	2.18E-03	2.63E-03	3.39E-05	2.98E-06	4.64E-07	2.67E-03	2.32E-03	2.6E-05	2.9E-06	4.8E-07	0.0023
124	486683.18, 3855993.15	1.11008	0.31266	1.24331	1.4781	0.72223	2.09E-03	2.7E-05	2.9E-06	8.1E-07	2.12E-03	2.56E-03	3.36E-05	2.90E-06	4.52E-07	2.59E-03	2.25E-03	2.6E-05	2.8E-06	4.7E-07	0.0023

125	486733.18, 3855993.15	1.07454	0.31037	1.20211	1.42952	0.70074	2.02E-03	2.7E-05	2.8E-06	7.8E-07	2.05E-03	2.47E-03	3.34E-05	2.80E-06	4.38E-07	2.51E-03	2.18E-03	2.6E-05	2.7E-06	4.5E-07	0.0022
126	486783.18, 3855993.15	1.04407	0.30926	1.16627	1.38782	0.68274	1.96E-03	2.7E-05	2.8E-06	7.6E-07	1.99E-03	2.40E-03	3.32E-05	2.72E-06	4.27E-07	2.44E-03	2.12E-03	2.6E-05	2.6E-06	4.4E-07	0.0021
127	486533.18, 3856043.15	1.30985	0.31691	1.46841	1.75256	0.84805	2.46E-03	2.8E-05	3.5E-06	9.5E-07	2.49E-03	3.02E-03	3.41E-05	3.43E-06	5.30E-07	3.05E-03	2.66E-03	2.6E-05	3.3E-06	5.5E-07	0.0027
128	486583.18, 3856043.15	1.2667	0.31339	1.41732	1.69495	0.81977	2.38E-03	2.7E-05	3.4E-06	9.2E-07	2.41E-03	2.92E-03	3.37E-05	3.32E-06	5.13E-07	2.95E-03	2.57E-03	2.6E-05	3.2E-06	5.3E-07	0.0026
129	486633.18, 3856043.15	1.21733	0.30884	1.3612	1.62811	0.78947	2.29E-03	2.7E-05	3.2E-06	8.8E-07	2.32E-03	2.80E-03	3.32E-05	3.19E-06	4.94E-07	2.84E-03	2.47E-03	2.6E-05	3.1E-06	5.1E-07	0.0025
130	486683.18, 3856043.15	1.18178	0.30636	1.31846	1.57995	0.76753	2.22E-03	2.7E-05	3.1E-06	8.6E-07	2.25E-03	2.72E-03	3.29E-05	3.09E-06	4.80E-07	2.76E-03	2.40E-03	2.5E-05	3E-06	5E-07	0.0024
131	486733.18, 3856043.15	1.13969	0.30371	1.27051	1.52236	0.74245	2.14E-03	2.7E-05	3E-06	8.3E-07	2.17E-03	2.62E-03	3.26E-05	2.98E-06	4.64E-07	2.66E-03	2.31E-03	2.5E-05	2.9E-06	4.8E-07	0.0023
132	486783.18, 3856043.15	1.10993	0.30332	1.23433	1.48122	0.72545	2.09E-03	2.7E-05	2.9E-06	8.1E-07	2.12E-03	2.56E-03	3.26E-05	2.90E-06	4.54E-07	2.59E-03	2.25E-03	2.5E-05	2.8E-06	4.7E-07	0.0023
133	486533.18, 3856093.15	1.41687	0.31162	1.57462	1.89914	0.90915	2.66E-03	2.7E-05	3.8E-06	1E-06	2.69E-03	3.26E-03	3.35E-05	3.72E-06	5.69E-07	3.30E-03	2.88E-03	2.6E-05	3.6E-06	5.9E-07	0.0029
134	486583.18, 3856093.15	1.3591	0.30792	1.50946	1.82225	0.8734	2.55E-03	2.7E-05	3.6E-06	9.8E-07	2.59E-03	3.13E-03	3.31E-05	3.57E-06	5.46E-07	3.17E-03	2.76E-03	2.5E-05	3.5E-06	5.6E-07	0.0028
135	486633.18, 3856093.15	1.30506	0.30397	1.44864	1.74981	0.84077	2.45E-03	2.7E-05	3.5E-06	9.4E-07	2.48E-03	3.01E-03	3.27E-05	3.43E-06	5.26E-07	3.04E-03	2.65E-03	2.5E-05	3.3E-06	5.4E-07	0.0027
136	486683.18, 3856093.15	1.26109	0.30118	1.3975	1.69025	0.81449	2.37E-03	2.6E-05	3.4E-06	9.1E-07	2.40E-03	2.90E-03	3.24E-05	3.31E-06	5.09E-07	2.94E-03	2.56E-03	2.5E-05	3.2E-06	5.3E-07	0.0026
137	486733.18, 3856093.15	1.21557	0.29882	1.34616	1.6284	0.78817	2.28E-03	2.6E-05	3.2E-06	8.8E-07	2.31E-03	2.80E-03	3.21E-05	3.19E-06	4.93E-07	2.84E-03	2.47E-03	2.5E-05	3.1E-06	5.1E-07	0.0025
138	486783.18, 3856093.15	1.17801	0.29806	1.30257	1.57694	0.76725	2.21E-03	2.6E-05	3.1E-06	8.6E-07	2.24E-03	2.71E-03	3.20E-05	3.09E-06	4.80E-07	2.75E-03	2.39E-03	2.5E-05	3E-06	5E-07	0.0024
139	486533.18, 3856143.15	1.53695	0.30634	1.6854	2.05971	0.9728	2.89E-03	2.7E-05	4.1E-06	1.1E-06	2.92E-03	3.54E-03	3.29E-05	4.03E-06	6.08E-07	3.58E-03	3.12E-03	2.5E-05	3.9E-06	6.3E-07	0.0032
140	486583.18, 3856143.15	1.46243	0.30282	1.60618	1.9618	0.92917	2.75E-03	2.7E-05	3.9E-06	1E-06	2.78E-03	3.37E-03	3.26E-05	3.84E-06	5.81E-07	3.40E-03	2.97E-03	2.5E-05	3.7E-06	6E-07	0.003
141	486633.18, 3856143.15	1.40502	0.29997	1.5428	1.88666	0.89546	2.64E-03	2.6E-05	3.7E-06	1E-06	2.67E-03	3.24E-03	3.22E-05	3.70E-06	5.60E-07	3.27E-03	2.85E-03	2.5E-05	3.6E-06	5.8E-07	0.0029
142	486683.18, 3856143.15	1.34997	0.29705	1.48217	1.81298	0.86405	2.54E-03	2.6E-05	3.6E-06	9.7E-07	2.57E-03	3.11E-03	3.19E-05	3.55E-06	5.40E-07	3.14E-03	2.74E-03	2.5E-05	3.4E-06	5.6E-07	0.0028
143	486733.18, 3856143.15	1.29921	0.29499	1.42638	1.7446	0.83594	2.44E-03	2.6E-05	3.5E-06	9.3E-07	2.47E-03	2.99E-03	3.17E-05	3.42E-06	5.23E-07	3.03E-03	2.64E-03	2.4E-05	3.3E-06	5.4E-07	0.0027
144	486783.18, 3856143.15	1.2607	0.29495	1.38155	1.69204	0.81618	2.37E-03	2.6E-05	3.4E-06	9.1E-07	2.40E-03	2.90E-03	3.17E-05	3.31E-06	5.10E-07	2.94E-03	2.56E-03	2.4E-05	3.2E-06	5.3E-07	0.0026
145	486533.18, 3856193.15	1.68958	0.30245	1.8148	2.26043	1.04644	3.18E-03	2.7E-05	4.5E-06	1.2E-06	3.21E-03	3.89E-03	3.25E-05	4.43E-06	6.54E-07	3.93E-03	3.43E-03	2.5E-05	4.3E-06	6.8E-07	0.0035
146	486583.18, 3856193.15	1.59074	0.29912	1.71887	2.13439	0.99352	2.99E-03	2.6E-05	4.2E-06	1.1E-06	3.02E-03	3.66E-03	3.22E-05	4.18E-06	6.21E-07	3.70E-03	3.23E-03	2.5E-05	4.1E-06	6.4E-07	0.0033
147	486633.18, 3856193.15	1.51982	0.29674	1.64519	2.04218	0.95424	2.86E-03	2.6E-05	4.1E-06	1.1E-06	2.89E-03	3.50E-03	3.19E-05	4.00E-06	5.97E-07	3.54E-03	3.09E-03	2.5E-05	3.9E-06	6.2E-07	0.0031
148	486683.18, 3856193.15	1.46074	0.2949	1.58268	1.96495	0.92316	2.75E-03	2.6E-05	3.9E-06	1E-06	2.78E-03	3.36E-03	3.17E-05	3.85E-06	5.77E-07	3.40E-03	2.97E-03	2.4E-05	3.7E-06	6E-07	0.003
149	486733.18, 3856193.15	1.39632	0.29262	1.51623	1.87903	0.88925	2.62E-03	2.6E-05	3.7E-06	9.9E-07	2.65E-03	3.22E-03	3.15E-05	3.68E-06	5.56E-07	3.25E-03	2.84E-03	2.4E-05	3.6E-06	5.7E-07	0.0029
150	486783.18, 3856193.15	1.34837	0.2926	1.46445	1.81442	0.86659	2.53E-03	2.6E-05	3.6E-06	9.7E-07	2.56E-03	3.11E-03	3.15E-05	3.55E-06	5.42E-07	3.14E-03	2.74E-03	2.4E-05	3.5E-06	5.6E-07	0.0028
151	486533.18, 3856243.15	1.86532	0.29948	1.95636	2.49099	1.12664	3.51E-03	2.6E-05	4.9E-06	1.3E-06	3.54E-03	4.30E-03	3.22E-05	4.88E-06	7.05E-07	4.33E-03	3.79E-03	2.5E-05	4.7E-06	7.3E-07	0.0038
152	486583.18, 3856243.15	1.75239	0.29729	1.85328	2.34942	1.06976	3.29E-03	2.6E-05	4.7E-06	1.2E-06	3.33E-03	4.04E-03	3.20E-05	4.60E-06	6.69E-07	4.07E-03	3.56E-03	2.5E-05	4.5E-06	6.9E-07	0.0036
153	486633.18, 3856243.15	1.6567	0.29496	1.76297	2.22697	1.02141	3.11E-03	2.6E-05	4.4E-06	1.1E-06	3.14E-03	3.82E-03	3.17E-05	4.36E-06	6.39E-07	3.85E-03	3.36E-03	2.4E-05	4.2E-06	6.6E-07	0.0034
154	486683.18, 3856243.15	1.57625	0.29294	1.68557	2.1235	0.98191	2.96E-03	2.6E-05	4.2E-06	1.1E-06	2.99E-03	3.63E-03	3.15E-05	4.16E-06	6.14E-07	3.67E-03	3.20E-03	2.4E-05	4E-06	6.3E-07	0.0032
155	486733.18, 3856243.15	1.50844	0.29169	1.61769	2.033	0.9495	2.83E-03	2.6E-05	4E-06	1.1E-06	2.87E-03	3.47E-03	3.14E-05	3.98E-06	5.94E-07	3.51E-03	3.06E-03	2.4E-05	3.9E-06	6.1E-07	0.0031
156	486783.18, 3856243.15	1.44225	0.29093	1.55159	1.94443	0.91787	2.71E-03	2.6E-05	3.9E-06	1E-06	2.74E-03	3.32E-03	3.13E-05	3.81E-06	5.74E-07	3.36E-03	2.93E-03	2.4E-05	3.7E-06	5.9E-07	0.003
157	486533.18, 3856293.15	2.08583	0.2991	2.12487	2.77519	1.22142	3.92E-03	2.6E-05	5.5E-06	1.4E-06	3.95E-03	4.80E-03	3.22E-05	5.44E-06	7.64E-07	4.84E-03	4.24E-03	2.5E-05	5.3E-06	7.9E-07	0.0043
158	486583.18, 3856293.15	1.93648	0.29669	2.00068	2.59137	1.15262	3.64E-03	2.6E-05	5.1E-06	1.3E-06	3.67E-03	4.46E-03	3.19E-05	5.08E-06	7.21E-07	4.50E-03	3.93E-03	2.5E-05	4.9E-06	7.4E-07	0.004
159	486633.18, 3856293.15	1.81591	0.29467	1.89598	2.43963	1.09655	3.41E-03	2.6E-05	4.8E-06	1.2E-06	3.44E-03	4.18E-03	3.17E-05	4.78E-06	6.86E-07	4.22E-03	3.69E-03	2.4E-05	4.6E-06	7.1E-07	0.0037
160	486683.18, 3856293.15	1.71462	0.29276	1.80427	2.30932	1.04945	3.22E-03	2.6E-05	4.6E-06	1.2E-06	3.25E-03	3.95E-03	3.15E-05	4.52E-06	6.56E-07	3.99E-03	3.48E-03	2.4E-05	4.4E-06	6.8E-07	0.0035
161	486733.18, 3856293.15	1.63142	0.29183	1.72725	2.20231	1.01348	3.07E-03	2.6E-05	4.4E-06	1.1E-06	3.10E-03	3.76E-03	3.14E-05	4.31E-06	6.34E-07	3.79E-03	3.31E-03	2.4E-05	4.2E-06	6.5E-07	0.0033
162	486783.18, 3856293.15	1.55121	0.291	1.65064	2.09521	0.97666	2.92E-03	2.6E-05	4.2E-06	1.1E-06	2.95E-03	3.57E-03	3.13E-05	4.10E-06	6.11E-07	3.61E-03	3.15E-03	2.4E-05	4E-06	6.3E-07	0.0032
163	486783.18, 3856343.15	1.67866	0.29432	1.76496	2.26973	1.04616	3.15E-03	2.6E-05	4.5E-06	1.2E-06	3.19E-03	3.87E-03	3.16E-05	4.45E-06	6.54E-07	3.90E-03	3.41E-03	2.4E-05	4.3E-06	6.8E-07	0.0034
164	486833.18, 3856343.15	1.59373	0.29463	1.68622	2.15577	1.01102	2.99E-03	2.6E-05	4.3E-06	1.1E-06	3.03E-03	3.67E-03	3.17E-05	4.22E-06	6.32E-07	3.71E-03	3.24E-03	2.4E-05	4.1E-06	6.5E-07	0.0033
165	486883.18, 3856343.15	1.51845	0.29578	1.61475	2.05326	0.98051	2.85E-03	2.6E-05	4.1E-06	1.1E-06	2.88E-03	3.50E-03	3.18E-05	4.02E-06	6.13E-07	3.53E-03	3.08E-03	2.4E-05	3.9E-06	6.3E-07	0.0031
166	486783.18, 3856393.15	1.81553	0.29795	1.88472	2.45484	1.11409	3.41E-03	2.6E-05	4.9E-06	1.2E-06	3.44E-03	4.18E-03	3.20E-05	4.81E-06	6.97E-07	4.22E-03	3.69E-03	2.5E-05	4.7E-06	7.2E-07	0.0037
167	486833.18, 3856393.15	1.71395	0.29812	1.82541	2.31946	1.07455	3.22E-03	2.6E-05	4.6E-06	1.2E-06	3.25E-03	3.95E-03	3.20E-05	4.54E-06	6.72E-07	3.98E-03	3.48E-03	2.5E-05	4.4E-06	6.9E-07	0.0035
168	486883.18, 3856393.15	1.62135	0.29876	1.73684	2.19502	1.03519	3.05E-03	2.6E-05	4.4E-06	1.2E-06	3.08E-03	3.73E-03	3.21E-05	4.30E-06	6.47E-07	3.77E-03	3.29E-03	2.5E-05	4.2E-06	6.7E-07	0.0033
169	487208.74, 3856886.11	2.16888	0.70563	2.22478	2.95279	1.55574	4.08E-03	6.2E-05	5.9E-06	1.7E-06	4.15E-03	4.99E-03	7.59E-05	5.78E-06	9.73E-07	5.08E-03	4.40E-03	5.8E-05	5.6E-06	1E-06	0.0045
170	487258.74, 3856886.11	1.98077	0.72251	2.0839	2.72515	1.48424	3.72E-03	6.3E-05	5.4E-06	1.7E-06	3.79E-03	4.56E-03	7.77E-05	5.34E-06	9.28E-07	4.65E-03	4.02E-03	6E-05	5.2E-06	9.6E-07	0.0041
171	487308.74, 3856886.11	1.82121	0.74759	1.96049	2.5308	1.42466	3.42E-03	6.6E-05	5E-06	1.6E-06	3.49E-03	4.19E-03	8.04E-05	4.96E-06	8.91E-07	4.28E-03	3.70E-03	6.2E-05	4.8E-06	9.2E-07	0.0038
172	487358.74, 3856886.11	1.68756	0.78284	1.85463	2.36451	1.3678	3.17E-03	6.9E-05	4.7E-06	1.5E-06	3.25E-03	3.89E-03	8.42E-05	4.63E-06	8.55E-07	3.98E-03	3.43E-03	6.5E-05	4.5E-06	8.8E-07	0.0035
173	487208.74, 3856936.11	2.30254	0.92831	2.38521	3.23183	1.68494	4.33E-03	8.1E-05	6.4E-06	1.9E-06	4.42E-03	5.30E-03	9.98E-05	6.33E-06	1.05E-06	5.41E-03	4.68E-03	7.7E-05	6.1E-06	1.1E-06	0.0048
174	487258.74, 3856936.11	2.06062	0.97129	2.21956	2.94835	1.59822	3.87E-03	8.5E-05	5.9E-06	1.8E-06	3.97E-03	4.75E-03	1.04E-04	5.78E-06	1.00E-06	4.86E-03	4.18E-03	8E-05	5.6E-06	1E-06	0.0043
175	487308.74, 3856936.11	1.86945	1.02812	2.07597	2.70968	1.52832	3.51E-03	9E-05	5.4E-06	1.7E-06	3.61E-03	4.30E-03	1.11E-04	5.31E-06	9.56E-07	4.42E-03	3.80E-03	8.5E-05	5.2E-06	9.9E-07	0.0039
176	487358.74, 3856936.11	1.71726	1.0917	1.95371	2.50724	1.4648	3.23E-03	9.6E-05	5E-06	1.6E-06	3.33E-03	3.95E-03	1.17E-04	4.91E-06	9.16E-07	4.08E-03	3.49E-03	9E-05	4.8E-06	9.5E-07	0.0036
177	487208.74, 3856986.11	2.29145	1.40059	2.578	3.58885	1.84091	4.31E-03	0.00012	7.1E-06	2.1E-06	4.44E-03	5.28E-03	1.51E-04	7.03E-06	1.15E-06	5.44E-03	4.65E-03	0.00012	6.8E-06	1.2E-06	0.0048
178	487258.74, 3856986.11	2.03889	1.50062	2.37274	3.20832	1.74039	3.83E-03	0.00013	6.4E-06	1.9E-06	3.97E-03	4.70E-03	1.61E-04	6.28E-06	1.09E-06	4.86E-03	4.14E-03	0.00012	6.1E-06	1.1E-06	0.0043
179	487308.74, 3856986.11	1.85314	1.59693	2.21072	2.91077	1.64531	3.48E-03	0.00014	5.8E-06	1.8E-06	3.63E-03	4.27E-03	1.72E-04	5.70E-06	1.03E-06	4.45E-03	3.76E-03	0.00013	5.5E-06	1.1E-06	0.0039
180	487358.74, 3856986.11	1.70087	1.66629	2.06501	2.65456	1.57625	3.20E-03	0.00015	5.3E-06	1.8E-06	3.35E-03	3.92E-03	1.79E-04	5.20E-06	9.86E-07	4.10E-03	3.45E-03	0.00014	5E-06	1E-06	0.0036
181	487208.74, 3857036.11	2.12943	2.70773	2.82045	4.05272	2.03543	4.00E-03	0.00024	8E-06	2.3E-06	4.25E-03	4.90E-03	2.91E-04	7.94E-06	1.27E-06	5.20E-03	4.32E-03	0.00022	7.7E-06	1.3E-06	0.0046
182	487258.74, 3857036.11	1.94008	2.735	2.57043	3.52083	1.8965	3.65E-03	0.00024	7E-06	2.1E-06	3.89E-03	4.47E-03	2.94E-04	6.90E-06	1.19E-06	4.77E-03	3.94E-03	0.00023	6.7E-06	1.2E-06	0.0042
183	487308.74, 3857036.11	1.78281	2.7161	2.3635	3.1119	1.79292	3.35E-03	0.00024	6.2E-06	2E-06	3.60E-03	4.11E-03	2.92E-04	6.10E-06	1.12E-06	4.40E-03	3.62E-03	0.00022	5.9E-06	1.2E-06	0.0039
184	487358.74, 3857036.11	1.65385	2.68227	2.19518	2.79386	1.70312	3.11E-03	0.00024	5.5E-06	1.9E-06	3.35E-03	3.81E-03	2.88E-04	5.47E-06	1.07E-06	4.10E-03	3.36E-03	0.00022	5.3E-06	1.1E-06	0.0036
185	487427.14, 3856878.23	1.52601	0.80261	1.70971	2.14546	1.30084	2.87E-03	7E-05	4.3E-06	1.5E-06	2.94E-03	3.51E-03	8.63E-05	4.20E-06	8.14E-07	3.61E-03	3.10E-03	6.6E-05	4.1E-06	8.4E-07	0.0032
186	487477.14, 3856878.23	1.43245	0.84678	1.62783	2.0203	1.26326	2.69E-03	7.4E-05	4E-06	1.4E-06	2.77E-03	3.30E-03	9.10E-05	3.96E-06	7.90E-07	3.39E-03	2.91E-03	7E-05	3.8E-06	8.2E-07	0.003
187	487527.14, 3856878.23	1.35102	0.89084	1.55488	1.90814	1.22627	2.54E-03	7.8E-05	3.8E-06	1.4E-06	2.62E-03	3.11E-03	9.58E-05	3.74E-06	7.67E-07	3.21E-03	2.74E-03	7.4E-05	3.6E-06	7.9E-07	0.0028
188	487427.14, 3856928.23	1.5476	1.10867	1.79234	2.25107	1.38394	2.91E-03	9.7E-05	4.5E-06	1.5E-06	3.01E-03	3.56E-03	1.19E-04	4.41E-06	8.66E-07	3.69E-03	3.14E-03	9.2E-05	4.3E-06	8.9E-07	0.0032

189	487477.14, 3856928.23	1.44932	1.16438	1.70426	2.1077	1.3344	2.72E-03	0.0001	4.2E-06	1.5E-06	2.83E-03	3.34E-03	1.25E-04	4.13E-06	8.35E-07	3.47E-03	2.94E-03	9.6E-05	4E-06	8.6E-07	0.003
190	487527.14, 3856928.23	1.36303	1.21073	1.6223	1.97756	1.29539	2.56E-03	0.00011	3.9E-06	1.4E-06	2.67E-03	3.14E-03	1.30E-04	3.87E-06	8.10E-07	3.27E-03	2.77E-03	0.0001	3.8E-06	8.4E-07	0.0029
191	487577.14, 3856928.23	1.28785	1.24881	1.54851	1.86127	1.25901	2.42E-03	0.00011	3.7E-06	1.4E-06	2.53E-03	2.97E-03	1.34E-04	3.65E-06	7.87E-07	3.10E-03	2.61E-03	0.0001	3.5E-06	8.1E-07	0.0027
192	487627.14, 3856928.23	1.22281	1.28096	1.48392	1.75855	1.21925	2.30E-03	0.00011	3.5E-06	1.4E-06	2.42E-03	2.82E-03	1.38E-04	3.44E-06	7.63E-07	2.96E-03	2.48E-03	0.00011	3.3E-06	7.9E-07	0.0026
193	487677.14, 3856928.23	1.16336	1.30215	1.42095	1.66254	1.19193	2.19E-03	0.00011	3.3E-06	1.3E-06	2.31E-03	2.68E-03	1.40E-04	3.26E-06	7.45E-07	2.82E-03	2.36E-03	0.00011	3.2E-06	7.7E-07	0.0025
194	487727.14, 3856928.23	1.10969	1.3157	1.36279	1.575	1.16766	2.09E-03	0.00012	3.1E-06	1.3E-06	2.21E-03	2.56E-03	1.41E-04	3.09E-06	7.30E-07	2.70E-03	2.25E-03	0.00011	3E-06	7.5E-07	0.0024
195	487777.14, 3856928.23	1.06216	1.32482	1.31174	1.49713	1.13852	2.00E-03	0.00012	3E-06	1.3E-06	2.12E-03	2.45E-03	1.42E-04	2.93E-06	7.12E-07	2.59E-03	2.16E-03	0.00011	2.8E-06	7.4E-07	0.0023
196	487427.14, 3856978.23	1.54242	1.62944	1.88718	2.35637	1.4714	2.90E-03	0.00014	4.7E-06	1.6E-06	3.05E-03	3.55E-03	1.75E-04	4.62E-06	9.20E-07	3.73E-03	3.13E-03	0.00013	4.5E-06	9.5E-07	0.0033
197	487477.14, 3856978.23	1.4438	1.66748	1.78482	2.18525	1.42123	2.71E-03	0.00015	4.3E-06	1.6E-06	2.87E-03	3.32E-03	1.79E-04	4.28E-06	8.89E-07	3.51E-03	2.93E-03	0.00014	4.2E-06	9.2E-07	0.0031
198	487527.14, 3856978.23	1.35881	1.69294	1.694	2.03636	1.37581	2.55E-03	0.00015	4E-06	1.5E-06	2.71E-03	3.13E-03	1.82E-04	3.99E-06	8.60E-07	3.32E-03	2.76E-03	0.00014	3.9E-06	8.9E-07	0.0029
199	487577.14, 3856978.23	1.28535	1.70823	1.61353	1.90629	1.33235	2.42E-03	0.00015	3.8E-06	1.5E-06	2.57E-03	2.96E-03	1.84E-04	3.73E-06	8.33E-07	3.15E-03	2.61E-03	0.00014	3.6E-06	8.6E-07	0.0028
200	487627.14, 3856978.23	1.22146	1.71712	1.54319	1.79271	1.28692	2.30E-03	0.00015	3.6E-06	1.4E-06	2.45E-03	2.81E-03	1.85E-04	3.51E-06	8.05E-07	3.00E-03	2.48E-03	0.00014	3.4E-06	8.3E-07	0.0026
201	487677.14, 3856978.23	1.16232	1.71227	1.47471	1.68766	1.25535	2.18E-03	0.00015	3.3E-06	1.4E-06	2.34E-03	2.68E-03	1.84E-04	3.31E-06	7.85E-07	2.86E-03	2.36E-03	0.00014	3.2E-06	8.1E-07	0.0025
202	487727.14, 3856978.23	1.11283	1.71005	1.41989	1.59905	1.20743	2.09E-03	0.00015	3.2E-06	1.3E-06	2.25E-03	2.56E-03	1.84E-04	3.13E-06	7.55E-07	2.75E-03	2.26E-03	0.00014	3E-06	7.8E-07	0.0024
203	487777.14, 3856978.23	1.06126	1.68112	1.35462	1.50851	1.19991	1.99E-03	0.00015	3E-06	1.3E-06	2.15E-03	2.44E-03	1.81E-04	2.96E-06	7.50E-07	2.63E-03	2.15E-03	0.00014	2.9E-06	7.8E-07	0.0023
204	487427.14, 3857028.23	1.51403	2.45638	1.9885	2.44188	1.58163	2.85E-03	0.00022	4.8E-06	1.8E-06	3.07E-03	3.49E-03	2.64E-04	4.78E-06	9.89E-07	3.76E-03	3.07E-03	0.0002	4.6E-06	1E-06	0.0033
205	487477.14, 3857028.23	1.42358	2.42333	1.87428	2.24536	1.51952	2.68E-03	0.00021	4.5E-06	1.7E-06	2.89E-03	3.28E-03	2.61E-04	4.40E-06	9.50E-07	3.54E-03	2.89E-03	0.0002	4.3E-06	9.8E-07	0.0031
206	487527.14, 3857028.23	1.34514	2.38587	1.77495	2.07923	1.46184	2.53E-03	0.00021	4.1E-06	1.6E-06	2.74E-03	3.10E-03	2.56E-04	4.07E-06	9.14E-07	3.36E-03	2.73E-03	0.0002	4E-06	9.4E-07	0.0029
207	487577.14, 3857028.23	1.27508	2.33999	1.68471	1.93444	1.41353	2.40E-03	0.00021	3.8E-06	1.6E-06	2.61E-03	2.94E-03	2.52E-04	3.79E-06	8.84E-07	3.19E-03	2.59E-03	0.00019	3.7E-06	9.1E-07	0.0028
208	487627.14, 3857028.23	1.21444	2.29821	1.60829	1.81165	1.35976	2.28E-03	0.0002	3.6E-06	1.5E-06	2.49E-03	2.80E-03	2.47E-04	3.55E-06	8.50E-07	3.05E-03	2.47E-03	0.00019	3.4E-06	8.8E-07	0.0027
209	487677.14, 3857028.23	1.15795	2.2441	1.5342	1.69991	1.32134	2.18E-03	0.0002	3.4E-06	1.5E-06	2.38E-03	2.67E-03	2.41E-04	3.33E-06	8.26E-07	2.91E-03	2.35E-03	0.00019	3.2E-06	8.5E-07	0.0025
210	487727.14, 3857028.23	1.10572	2.18211	1.46417	1.59842	1.29253	2.08E-03	0.00019	3.2E-06	1.4E-06	2.27E-03	2.55E-03	2.35E-04	3.13E-06	8.08E-07	2.78E-03	2.25E-03	0.00018	3E-06	8.3E-07	0.0024
211	487777.14, 3857028.23	1.05955	2.12276	1.40284	1.50964	1.26005	1.99E-03	0.00019	3E-06	1.4E-06	2.18E-03	2.44E-03	2.28E-04	2.96E-06	7.88E-07	2.67E-03	2.15E-03	0.00018	2.9E-06	8.1E-07	0.0023
212	487427.14, 3857078.23	1.48556	3.65282	2.10843	2.50074	1.70375	2.79E-03	0.00032	5E-06	1.9E-06	3.12E-03	3.42E-03	3.93E-04	4.90E-06	1.07E-06	3.82E-03	3.02E-03	0.0003	4.8E-06	1.1E-06	0.0033
213	487477.14, 3857078.23	1.40444	3.46868	1.97931	2.28163	1.62547	2.64E-03	0.0003	4.5E-06	1.8E-06	2.95E-03	3.23E-03	3.73E-04	4.47E-06	1.02E-06	3.61E-03	2.85E-03	0.00029	4.3E-06	1.1E-06	0.0031
214	487527.14, 3857078.23	1.33092	3.30054	1.86452	2.09708	1.56154	2.50E-03	0.00029	4.2E-06	1.7E-06	2.80E-03	3.06E-03	3.55E-04	4.11E-06	9.77E-07	3.42E-03	2.70E-03	0.00027	4E-06	1E-06	0.003
215	487577.14, 3857078.23	1.26561	3.15155	1.76461	1.94212	1.50256	2.38E-03	0.00028	3.9E-06	1.7E-06	2.66E-03	2.91E-03	3.39E-04	3.80E-06	9.40E-07	3.26E-03	2.57E-03	0.00026	3.7E-06	9.7E-07	0.0028
216	487627.14, 3857078.23	1.20722	3.01855	1.67746	1.81054	1.44575	2.27E-03	0.00026	3.6E-06	1.6E-06	2.54E-03	2.78E-03	3.25E-04	3.55E-06	9.04E-07	3.11E-03	2.45E-03	0.00025	3.4E-06	9.3E-07	0.0027
217	487677.14, 3857078.23	1.15323	2.88705	1.59635	1.6937	1.40036	2.17E-03	0.00025	3.4E-06	1.6E-06	2.43E-03	2.66E-03	3.10E-04	3.32E-06	8.76E-07	2.97E-03	2.34E-03	0.00024	3.2E-06	9E-07	0.0026
218	487727.14, 3857078.23	1.10339	2.75941	1.52169	1.58999	1.3623	2.07E-03	0.00024	3.2E-06	1.5E-06	2.32E-03	2.54E-03	2.97E-04	3.11E-06	8.52E-07	2.84E-03	2.24E-03	0.00023	3E-06	8.8E-07	0.0025
219	487777.14, 3857078.23	1.05917	2.6459	1.45713	1.5004	1.32013	1.99E-03	0.00023	3E-06	1.5E-06	2.23E-03	2.44E-03	2.84E-04	2.94E-06	8.26E-07	2.73E-03	2.15E-03	0.00022	2.9E-06	8.5E-07	0.0024
220	487427.14, 3857128.23	1.47416	5.18771	2.25086	2.52683	1.84789	2.77E-03	0.00046	5E-06	2.1E-06	3.23E-03	3.39E-03	5.58E-04	4.95E-06	1.16E-06	3.96E-03	2.99E-03	0.00043	4.8E-06	1.2E-06	0.0034
221	487477.14, 3857128.23	1.39757	4.77322	2.10118	2.28977	1.7492	2.63E-03	0.00042	4.5E-06	2E-06	3.05E-03	3.22E-03	5.13E-04	4.49E-06	1.09E-06	3.74E-03	2.84E-03	0.00039	4.4E-06	1.1E-06	0.0032
222	487527.14, 3857128.23	1.32832	4.42875	1.97242	2.09594	1.66546	2.50E-03	0.00039	4.2E-06	1.9E-06	2.89E-03	3.06E-03	4.76E-04	4.11E-06	1.04E-06	3.54E-03	2.70E-03	0.00037	4E-06	1.1E-06	0.0031
223	487577.14, 3857128.23	1.26414	4.12553	1.85712	1.93185	1.59882	2.38E-03	0.00036	3.8E-06	1.8E-06	2.74E-03	2.91E-03	4.44E-04	3.78E-06	1.00E-06	3.36E-03	2.57E-03	0.00034	3.7E-06	1E-06	0.0029
224	487627.14, 3857128.23	1.20579	3.8602	1.75538	1.79288	1.54046	2.27E-03	0.00034	3.6E-06	1.7E-06	2.61E-03	2.78E-03	4.15E-04	3.51E-06	9.63E-07	3.20E-03	2.45E-03	0.00032	3.4E-06	1E-06	0.0028
225	487677.14, 3857128.23	1.154	3.63301	1.66844	1.67584	1.48066	2.17E-03	0.00032	3.3E-06	1.7E-06	2.49E-03	2.66E-03	3.91E-04	3.28E-06	9.26E-07	3.05E-03	2.34E-03	0.0003	3.2E-06	9.6E-07	0.0026
226	487727.14, 3857128.23	1.10425	3.40899	1.58343	1.56855	1.4423	2.08E-03	0.0003	3.1E-06	1.6E-06	2.38E-03	2.54E-03	3.66E-04	3.07E-06	9.02E-07	2.91E-03	2.24E-03	0.00028	3E-06	9.3E-07	0.0025
227	487777.14, 3857128.23	1.06077	3.22219	1.5129	1.47851	1.39379	1.99E-03	0.00028	2.9E-06	1.6E-06	2.28E-03	2.44E-03	3.46E-04	2.90E-06	8.72E-07	2.79E-03	2.15E-03	0.00027	2.8E-06	9E-07	0.0024
228	488049.44, 3856539.39	0.78481	0.38916	0.89053	1.0428	0.74586	1.47E-03	3.4E-05	2.1E-06	8.3E-07	1.51E-03	1.81E-03	4.18E-05	2.04E-06	4.66E-07	1.85E-03	1.59E-03	3.2E-05	2E-06	4.8E-07	0.0016
229	488099.44, 3856539.39	0.76388	0.39723	0.86984	1.0138	0.73014	1.44E-03	3.5E-05	2E-06	8.2E-07	1.47E-03	1.76E-03	4.27E-05	1.99E-06	4.57E-07	1.80E-03	1.55E-03	3.3E-05	1.9E-06	4.7E-07	0.0016
230	488149.44, 3856539.39	0.74365	0.40508	0.84947	0.98554	0.71849	1.40E-03	3.6E-05	2E-06	8E-07	1.44E-03	1.71E-03	4.35E-05	1.93E-06	4.49E-07	1.76E-03	1.51E-03	3.3E-05	1.9E-06	4.6E-07	0.0015
231	488049.44, 3856589.39	0.80047	0.43551	0.91304	1.06628	0.7772	1.50E-03	3.8E-05	2.1E-06	8.7E-07	1.55E-03	1.84E-03	4.68E-05	2.09E-06	4.86E-07	1.89E-03	1.63E-03	3.6E-05	2E-06	5E-07	0.0017
232	488099.44, 3856589.39	0.77827	0.44492	0.89117	1.03527	0.7614	1.46E-03	3.9E-05	2.1E-06	8.5E-07	1.50E-03	1.79E-03	4.78E-05	2.03E-06	4.76E-07	1.84E-03	1.58E-03	3.7E-05	2E-06	4.9E-07	0.0016
233	488149.44, 3856589.39	0.75714	0.45385	0.87007	1.00545	0.7473	1.42E-03	4E-05	2E-06	8.3E-07	1.47E-03	1.74E-03	4.88E-05	1.97E-06	4.67E-07	1.79E-03	1.54E-03	3.8E-05	1.9E-06	4.8E-07	0.0016
234	488199.44, 3856589.39	0.73713	0.46241	0.85035	0.97728	0.73149	1.39E-03	4.1E-05	1.9E-06	8.2E-07	1.43E-03	1.70E-03	4.97E-05	1.91E-06	4.58E-07	1.75E-03	1.50E-03	3.8E-05	1.9E-06	4.7E-07	0.0015
235	488249.44, 3856589.39	0.71722	0.47036	0.82956	0.94889	0.72636	1.35E-03	4.1E-05	1.9E-06	8.1E-07	1.39E-03	1.65E-03	5.06E-05	1.86E-06	4.54E-07	1.70E-03	1.46E-03	3.9E-05	1.8E-06	4.7E-07	0.0015
236	488049.44, 3856639.39	0.81509	0.49486	0.9364	1.08901	0.80823	1.53E-03	4.3E-05	2.2E-06	9E-07	1.58E-03	1.88E-03	5.32E-05	2.13E-06	5.06E-07	1.93E-03	1.65E-03	4.1E-05	2.1E-06	5.2E-07	0.0017
237	488099.44, 3856639.39	0.79173	0.50536	0.91336	1.05593	0.7916	1.49E-03	4.4E-05	2.1E-06	8.8E-07	1.54E-03	1.82E-03	5.43E-05	2.07E-06	4.95E-07	1.88E-03	1.61E-03	4.2E-05	2E-06	5.1E-07	0.0017
238	488149.44, 3856639.39	0.76953	0.51514	0.89132	1.02432	0.77599	1.45E-03	4.5E-05	2E-06	8.7E-07	1.49E-03	1.77E-03	5.54E-05	2.01E-06	4.85E-07	1.83E-03	1.56E-03	4.3E-05	1.9E-06	5E-07	0.0016
239	488199.44, 3856639.39	0.74807	0.524	0.86952	0.9936	0.76458	1.41E-03	4.6E-05	2E-06	8.5E-07	1.45E-03	1.72E-03	5.63E-05	1.95E-06	4.78E-07	1.78E-03	1.52E-03	4.3E-05	1.9E-06	4.9E-07	0.0016
240	488249.44, 3856639.39	0.72789	0.53237	0.84904	0.96457	0.75209	1.37E-03	4.7E-05	1.9E-06	8.4E-07	1.42E-03	1.68E-03	5.72E-05	1.89E-06	4.70E-07	1.74E-03	1.48E-03	4.4E-05	1.8E-06	4.9E-07	0.0015
241	488299.44, 3856639.39	0.70858	0.54004	0.82939	0.93679	0.7404	1.33E-03	4.7E-05	1.9E-06	8.3E-07	1.38E-03	1.63E-03	5.81E-05	1.84E-06	4.63E-07	1.69E-03	1.44E-03	4.5E-05	1.8E-06	4.8E-07	0.0015
242	488349.44, 3856639.39	0.69048	0.54718	0.81113	0.91064	0.72665	1.30E-03	4.8E-05	1.8E-06	8.1E-07	1.35E-03	1.59E-03	5.88E-05	1.78E-06	4.54E-07	1.65E-03	1.40E-03	4.5E-05	1.7E-06	4.7E-07	0.0014
243	488399.44, 3856639.39	0.67266	0.55279	0.79229	0.88469	0.71922	1.26E-03	4.8E-05	1.8E-06	8E-07	1.32E-03	1.55E-03	5.94E-05	1.73E-06	4.50E-07	1.61E-03	1.37E-03	4.6E-05	1.7E-06	4.6E-07	0.0014
244	488099.44, 3856689.39	0.80354	0.58135	0.93555	1.07449	0.82521	1.51E-03	5.1E-05	2.1E-06	9.2E-07	1.56E-03	1.85E-03	6.25E-05	2.10E-06	5.16E-07	1.92E-03	1.63E-03	4.8E-05	2E-06	5.3E-07	0.0017
245	488149.44, 3856689.39	0.78046	0.59152	0.91262	1.04113	0.80771	1.47E-03	5.2E-05	2.1E-06	9E-07	1.52E-03	1.80E-03	6.36E-05	2.04E-06	5.05E-07	1.86E-03	1.58E-03	4.9E-05	2E-06	5.2E-07	0.0016
246	488199.44, 3856689.39	0.75808	0.60028	0.8898	1.00867	0.79482	1.42E-03	5.3E-05	2E-06	8.9E-07	1.48E-03	1.75E-03	6.45E-05	1.98E-06	4.97E-07	1.81E-03	1.54E-03	5E-05	1.9E-06	5.1E-07	0.0016
247	488249.44, 3856689.39	0.73739	0.60863	0.86907	0.97858	0.77839	1.39E-03	5.3E-05	1.9E-06	8.7E-07	1.44E-03	1.70E-03	6.54E-05	1.92E-06	4.87E-07	1.77E-03	1.50E-03	5E-05	1.9E-06	5E-07	0.0015
248	488299.44, 3856689.39	0.71702	0.615	0.84761	0.94874	0.76923	1.35E-03	5.4E-05	1.9E-06	8.6E-07	1.40E-03	1.65E-03	6.61E-05	1.86E-06	4.81E-07	1.72E-03	1.46E-03	5.1E-05	1.8E-06	5E-07	0.0015
249	488349.44, 3856689.39	0.69828	0.62105	0.8285	0.9213	0.75473	1.31E-03	5.4E-05	1.8E-06	8.4E-07	1.37E-03	1.61E-03	6.68E-05	1.80E-06	4.72E-07	1.68E-03	1.42E-03	5.1E-05	1.8E-06	4.9E-07	0.0015
250	488399.44, 3856689.39	0.68089	0.62651	0.81122	0.89583	0.7364	1.28E-03	5.5E-05	1.8E-06	8.2E-07	1.34E-03	1.57E-03	6.74E-05	1.75E-06	4.61E-07	1.64E-03	1.38E-03	5.2E-05	1.7E-06	4.8E-07	0.0014
251	488099.44, 3856739.39	0.81336	0.6764	0.95781	1.09057	0.86161	1.53E-03	5.9E-05	2.2E-06	9.6E-07	1.59E-03	1.87E-03	7.27E-05	2.14E-06	5.39E-07	1.95E-03	1.65E-03	5.6E-05	2.1E-06	5.6E-07	0.0017
252	488149.44, 3856739.39	0.7898	0.68643	0.93456	1.05588	0.84	1.48E-03	6E-05	2.1E-06	9.4E-07	1.55E-03	1.82E-03	7.38E-05	2.07E-06	5.25E-07	1.90E-03	1.60E-03	5.7E-05	2E-06	5.4E-07	0.0017

253	488199.44, 3856739.39	0.76634	0.69345	0.90981	1.02112	0.82867	1.44E-03	6.1E-05	2E-06	9.3E-07	1.50E-03	1.76E-03	7.45E-05	2.00E-06	5.18E-07	1.84E-03	1.56E-03	5.7E-05	1.9E-06	5.4E-07	0.0016
254	488249.44, 3856739.39	0.74503	0.70039	0.88823	0.98957	0.81078	1.40E-03	6.1E-05	2E-06	9.1E-07	1.46E-03	1.72E-03	7.53E-05	1.94E-06	5.07E-07	1.79E-03	1.51E-03	5.8E-05	1.9E-06	5.2E-07	0.0016
255	488299.44, 3856739.39	0.72527	0.70666	0.86882	0.96038	0.78912	1.36E-03	6.2E-05	1.9E-06	8.8E-07	1.43E-03	1.67E-03	7.60E-05	1.88E-06	4.94E-07	1.75E-03	1.47E-03	5.8E-05	1.8E-06	5.1E-07	0.0015
256	488349.44, 3856739.39	0.70503	0.70866	0.84636	0.93002	0.7827	1.32E-03	6.2E-05	1.8E-06	8.7E-07	1.39E-03	1.62E-03	7.62E-05	1.82E-06	4.90E-07	1.70E-03	1.43E-03	5.9E-05	1.8E-06	5.1E-07	0.0015
257	488399.44, 3856739.39	0.68578	0.70919	0.82509	0.90123	0.77517	1.29E-03	6.2E-05	1.8E-06	8.7E-07	1.35E-03	1.58E-03	7.62E-05	1.77E-06	4.85E-07	1.66E-03	1.39E-03	5.9E-05	1.7E-06	5E-07	0.0015
258	487999.44, 3856789.39	0.87842	0.77854	1.04111	1.18943	0.92405	1.65E-03	6.8E-05	2.4E-06	1E-06	1.72E-03	2.02E-03	8.37E-05	2.33E-06	5.78E-07	2.11E-03	1.78E-03	6.4E-05	2.3E-06	6E-07	0.0019
259	488049.44, 3856789.39	0.84975	0.78855	1.01168	1.14654	0.90612	1.60E-03	6.9E-05	2.3E-06	1E-06	1.67E-03	1.96E-03	8.48E-05	2.25E-06	5.67E-07	2.04E-03	1.73E-03	6.5E-05	2.2E-06	5.9E-07	0.0018
260	488099.44, 3856789.39	0.82218	0.7956	0.98228	1.10503	0.89396	1.55E-03	7E-05	2.2E-06	1E-06	1.62E-03	1.89E-03	8.55E-05	2.16E-06	5.59E-07	1.98E-03	1.67E-03	6.6E-05	2.1E-06	5.8E-07	0.0017
261	488149.44, 3856789.39	0.79745	0.80279	0.95691	1.06775	0.87413	1.50E-03	7E-05	2.1E-06	9.8E-07	1.57E-03	1.84E-03	8.63E-05	2.09E-06	5.47E-07	1.93E-03	1.62E-03	6.6E-05	2E-06	5.6E-07	0.0017
262	488199.44, 3856789.39	0.77352	0.80719	0.9316	1.03166	0.85919	1.45E-03	7.1E-05	2E-06	9.6E-07	1.53E-03	1.78E-03	8.68E-05	2.02E-06	5.37E-07	1.87E-03	1.57E-03	6.7E-05	2E-06	5.6E-07	0.0016
263	488249.44, 3856789.39	0.75148	0.81057	0.90856	0.99831	0.84145	1.41E-03	7.1E-05	2E-06	9.4E-07	1.49E-03	1.73E-03	8.71E-05	1.96E-06	5.26E-07	1.82E-03	1.53E-03	6.7E-05	1.9E-06	5.4E-07	0.0016
264	488299.44, 3856789.39	0.73117	0.81293	0.88767	0.96748	0.82081	1.37E-03	7.1E-05	1.9E-06	9.2E-07	1.45E-03	1.68E-03	8.74E-05	1.90E-06	5.13E-07	1.77E-03	1.48E-03	6.7E-05	1.8E-06	5.3E-07	0.0016
265	488349.44, 3856789.39	0.71017	0.81016	0.86389	0.93563	0.8137	1.33E-03	7.1E-05	1.9E-06	9.1E-07	1.41E-03	1.64E-03	8.71E-05	1.83E-06	5.09E-07	1.72E-03	1.44E-03	6.7E-05	1.8E-06	5.3E-07	0.0015
266	488399.44, 3856789.39	0.69079	0.80662	0.84232	0.90625	0.80259	1.30E-03	7.1E-05	1.8E-06	9E-07	1.37E-03	1.59E-03	8.67E-05	1.78E-06	5.02E-07	1.68E-03	1.40E-03	6.7E-05	1.7E-06	5.2E-07	0.0015
267	487949.44, 3856839.39	0.91852	0.92605	1.10325	1.2541	0.98013	1.73E-03	8.1E-05	2.5E-06	1.1E-06	1.81E-03	2.12E-03	9.96E-05	2.46E-06	6.13E-07	2.22E-03	1.86E-03	7.7E-05	2.4E-06	6.3E-07	0.0019
268	487999.44, 3856839.39	0.88671	0.93397	1.06988	1.20526	0.96086	1.67E-03	8.2E-05	2.4E-06	1.1E-06	1.75E-03	2.04E-03	1.00E-04	2.36E-06	6.01E-07	2.15E-03	1.80E-03	7.7E-05	2.3E-06	6.2E-07	0.0019
269	488049.44, 3856839.39	0.85715	0.93978	1.03873	1.15977	0.94142	1.61E-03	8.2E-05	2.3E-06	1.1E-06	1.70E-03	1.97E-03	1.01E-04	2.27E-06	5.89E-07	2.08E-03	1.74E-03	7.8E-05	2.2E-06	6.1E-07	0.0018
270	488099.44, 3856839.39	0.82912	0.94256	1.00844	1.1165	0.92542	1.56E-03	8.3E-05	2.2E-06	1E-06	1.64E-03	1.91E-03	1.01E-04	2.19E-06	5.79E-07	2.01E-03	1.68E-03	7.8E-05	2.1E-06	6E-07	0.0018
271	488149.44, 3856839.39	0.803	0.94322	0.97993	1.07616	0.90959	1.51E-03	8.3E-05	2.1E-06	1E-06	1.59E-03	1.85E-03	1.01E-04	2.11E-06	5.69E-07	1.95E-03	1.63E-03	7.8E-05	2E-06	5.9E-07	0.0017
272	488199.44, 3856839.39	0.77859	0.9419	0.95324	1.03836	0.89345	1.46E-03	8.3E-05	2.1E-06	1E-06	1.55E-03	1.79E-03	1.01E-04	2.03E-06	5.59E-07	1.90E-03	1.58E-03	7.8E-05	2E-06	5.8E-07	0.0017
273	487949.44, 3856889.39	0.92512	1.12807	1.13661	1.26883	1.01702	1.74E-03	9.9E-05	2.5E-06	1.1E-06	1.84E-03	2.13E-03	1.21E-04	2.49E-06	6.36E-07	2.25E-03	1.88E-03	9.3E-05	2.4E-06	6.6E-07	0.002
274	487999.44, 3856889.39	0.89152	1.1256	1.09873	1.21552	1.00295	1.68E-03	9.9E-05	2.4E-06	1.1E-06	1.78E-03	2.05E-03	1.21E-04	2.38E-06	6.27E-07	2.18E-03	1.81E-03	9.3E-05	2.3E-06	6.5E-07	0.0019
275	488049.44, 3856889.39	0.86239	1.1251	1.06748	1.16885	0.9767	1.62E-03	9.9E-05	2.3E-06	1.1E-06	1.72E-03	1.99E-03	1.21E-04	2.29E-06	6.11E-07	2.11E-03	1.75E-03	9.3E-05	2.2E-06	6.3E-07	0.0018
276	488099.44, 3856889.39	0.83346	1.11792	1.03427	1.1228	0.9625	1.57E-03	9.8E-05	2.2E-06	1.1E-06	1.67E-03	1.92E-03	1.20E-04	2.20E-06	6.02E-07	2.04E-03	1.69E-03	9.2E-05	2.1E-06	6.2E-07	0.0018
277	488635.86, 3857895.05	0.58054	0.67595	0.61837	0.332	1.41963	1.09E-03	5.9E-05	6.6E-07	1.6E-06	1.15E-03	1.34E-03	7.27E-05	6.50E-07	8.88E-07	1.41E-03	1.18E-03	5.6E-05	6.3E-07	9.2E-07	0.0012
278	489137.64, 3857804.15	0.45731	0.64002	0.52769	0.33337	0.8897	8.59E-04	5.6E-05	6.6E-07	9.9E-07	9.17E-04	1.05E-03	6.88E-05	6.53E-07	5.56E-07	1.12E-03	9.29E-04	5.3E-05	6.3E-07	5.7E-07	0.001
279	488617.32, 3857859.41	0.59731	0.73049	0.66545	0.35498	1.45773	1.12E-03	6.4E-05	7E-07	1.6E-06	1.19E-03	1.38E-03	7.85E-05	6.95E-07	9.12E-07	1.46E-03	1.21E-03	6E-05	6.8E-07	9.4E-07	0.0013
280	488667.32, 3857859.41	0.57809	0.71657	0.64411	0.35099	1.37129	1.09E-03	6.3E-05	7E-07	1.5E-06	1.15E-03	1.33E-03	7.70E-05	6.88E-07	8.58E-07	1.41E-03	1.17E-03	5.9E-05	6.7E-07	8.9E-07	0.0012
281	488717.32, 3857859.41	0.56029	0.70274	0.62431	0.34695	1.29387	1.05E-03	6.2E-05	6.9E-07	1.4E-06	1.12E-03	1.29E-03	7.55E-05	6.80E-07	8.09E-07	1.37E-03	1.14E-03	5.8E-05	6.6E-07	8.4E-07	0.0012
282	488767.32, 3857859.41	0.5431	0.68668	0.60396	0.3419	1.22792	1.02E-03	6E-05	6.8E-07	1.4E-06	1.08E-03	1.25E-03	7.38E-05	6.70E-07	7.68E-07	1.33E-03	1.10E-03	5.7E-05	6.5E-07	7.9E-07	0.0012
283	488617.32, 3857909.41	0.58397	0.66151	0.60963	0.32484	1.44774	1.10E-03	5.8E-05	6.4E-07	1.6E-06	1.16E-03	1.34E-03	7.11E-05	6.36E-07	9.05E-07	1.42E-03	1.19E-03	5.5E-05	6.2E-07	9.4E-07	0.0012
284	488667.32, 3857909.41	0.56493	0.64806	0.59021	0.32118	1.36094	1.06E-03	5.7E-05	6.4E-07	1.5E-06	1.12E-03	1.30E-03	6.97E-05	6.29E-07	8.51E-07	1.37E-03	1.15E-03	5.4E-05	6.1E-07	8.8E-07	0.0012
285	488717.32, 3857909.41	0.54862	0.63981	0.57608	0.31961	1.27518	1.03E-03	5.6E-05	6.3E-07	1.4E-06	1.09E-03	1.26E-03	6.88E-05	6.26E-07	7.98E-07	1.33E-03	1.11E-03	5.3E-05	6.1E-07	8.2E-07	0.0012
286	488767.32, 3857909.41	0.53233	0.62737	0.5596	0.31618	1.20559	1.00E-03	5.5E-05	6.3E-07	1.3E-06	1.06E-03	1.23E-03	6.74E-05	6.19E-07	7.54E-07	1.29E-03	1.08E-03	5.2E-05	6E-07	7.8E-07	0.0011
287	488417.32, 3857959.41	0.65962	0.62685	0.61797	0.30145	1.94459	1.24E-03	5.5E-05	6E-07	2.2E-06	1.30E-03	1.52E-03	6.74E-05	5.91E-07	1.22E-06	1.59E-03	1.34E-03	5.2E-05	5.7E-07	1.3E-06	0.0014
288	488467.32, 3857959.41	0.63479	0.62094	0.60064	0.30084	1.77471	1.19E-03	5.4E-05	6E-07	2E-06	1.25E-03	1.46E-03	6.68E-05	5.89E-07	1.11E-06	1.53E-03	1.29E-03	5.1E-05	5.7E-07	1.1E-06	0.0013
289	488517.32, 3857959.41	0.61214	0.61381	0.58398	0.29976	1.63268	1.15E-03	5.4E-05	5.9E-07	1.8E-06	1.21E-03	1.41E-03	6.60E-05	5.87E-07	1.02E-06	1.48E-03	1.24E-03	5.1E-05	5.7E-07	1.1E-06	0.0013
290	488567.32, 3857959.41	0.59137	0.60579	0.56809	0.29833	1.51183	1.11E-03	5.3E-05	5.9E-07	1.7E-06	1.17E-03	1.36E-03	6.51E-05	5.84E-07	9.46E-07	1.43E-03	1.20E-03	5E-05	5.7E-07	9.8E-07	0.0013
291	488617.32, 3857959.41	0.57234	0.59827	0.5539	0.29713	1.40538	1.08E-03	5.2E-05	5.9E-07	1.6E-06	1.13E-03	1.32E-03	6.43E-05	5.82E-07	8.79E-07	1.38E-03	1.16E-03	4.9E-05	5.7E-07	9.1E-07	0.0012
292	488667.32, 3857959.41	0.55463	0.59044	0.54059	0.29579	1.31293	1.04E-03	5.2E-05	5.9E-07	1.5E-06	1.10E-03	1.28E-03	6.35E-05	5.79E-07	8.21E-07	1.34E-03	1.13E-03	4.9E-05	5.6E-07	8.5E-07	0.0012
293	488717.32, 3857959.41	0.53817	0.58139	0.52726	0.29388	1.2337	1.01E-03	5.1E-05	5.8E-07	1.4E-06	1.06E-03	1.24E-03	6.25E-05	5.76E-07	7.72E-07	1.30E-03	1.09E-03	4.8E-05	5.6E-07	8E-07	0.0011
294	488767.32, 3857959.41	0.52293	0.57297	0.51521	0.29216	1.16259	9.83E-04	5E-05	5.8E-07	1.3E-06	1.03E-03	1.20E-03	6.16E-05	5.72E-07	7.27E-07	1.27E-03	1.06E-03	4.7E-05	5.6E-07	7.5E-07	0.0011
295	488417.32, 3858009.41	0.64812	0.55778	0.54552	0.27265	1.83449	1.22E-03	4.9E-05	5.4E-07	2E-06	1.27E-03	1.49E-03	6.00E-05	5.34E-07	1.15E-06	1.55E-03	1.32E-03	4.6E-05	5.2E-07	1.2E-06	0.0014
296	488467.32, 3858009.41	0.62424	0.55462	0.53381	0.27281	1.67312	1.17E-03	4.9E-05	5.4E-07	1.9E-06	1.22E-03	1.44E-03	5.96E-05	5.34E-07	1.05E-06	1.50E-03	1.27E-03	4.6E-05	5.2E-07	1.1E-06	0.0013
297	488517.32, 3858009.41	0.60241	0.55075	0.5224	0.27279	1.53808	1.13E-03	4.8E-05	5.4E-07	1.7E-06	1.18E-03	1.39E-03	5.92E-05	5.34E-07	9.62E-07	1.45E-03	1.22E-03	4.6E-05	5.2E-07	9.9E-07	0.0013
298	488567.32, 3858009.41	0.58271	0.5457	0.51099	0.27236	1.4301	1.10E-03	4.8E-05	5.4E-07	1.6E-06	1.15E-03	1.34E-03	5.87E-05	5.34E-07	8.94E-07	1.40E-03	1.18E-03	4.5E-05	5.2E-07	9.2E-07	0.0012
299	488617.32, 3858009.41	0.56416	0.54166	0.50125	0.27241	1.32868	1.06E-03	4.8E-05	5.4E-07	1.5E-06	1.11E-03	1.30E-03	5.82E-05	5.34E-07	8.31E-07	1.36E-03	1.15E-03	4.5E-05	5.2E-07	8.6E-07	0.0012
300	488667.32, 3858009.41	0.54655	0.53678	0.49172	0.27213	1.2375	1.03E-03	4.7E-05	5.4E-07	1.4E-06	1.08E-03	1.26E-03	5.77E-05	5.33E-07	7.74E-07	1.32E-03	1.11E-03	4.4E-05	5.2E-07	8E-07	0.0012
301	488717.32, 3858009.41	0.5305	0.53067	0.48199	0.27134	1.16691	9.97E-04	4.7E-05	5.4E-07	1.3E-06	1.05E-03	1.22E-03	5.70E-05	5.32E-07	7.30E-07	1.28E-03	1.08E-03	4.4E-05	5.2E-07	7.5E-07	0.0011
302	488767.32, 3858009.41	0.51564	0.52418	0.4726	0.27035	1.10113	9.69E-04	4.6E-05	5.4E-07	1.2E-06	1.02E-03	1.19E-03	5.64E-05	5.30E-07	6.89E-07	1.24E-03	1.05E-03	4.3E-05	5.1E-07	7.1E-07	0.0011
303	488417.32, 3858059.41	0.64414	0.49625	0.4801	0.24831	1.63625	1.21E-03	4.4E-05	4.9E-07	1.8E-06	1.26E-03	1.48E-03	5.33E-05	4.86E-07	1.02E-06	1.54E-03	1.31E-03	4.1E-05	4.7E-07	1.1E-06	0.0014
304	488467.32, 3858059.41	0.62051	0.49522	0.47298	0.24843	1.51503	1.17E-03	4.3E-05	4.9E-07	1.7E-06	1.21E-03	1.43E-03	5.32E-05	4.87E-07	9.48E-07	1.48E-03	1.26E-03	4.1E-05	4.7E-07	9.8E-07	0.0013
305	488517.32, 3858059.41	0.59877	0.49393	0.46592	0.2489	1.39944	1.13E-03	4.3E-05	4.9E-07	1.6E-06	1.17E-03	1.38E-03	5.31E-05	4.88E-07	8.75E-07	1.43E-03	1.22E-03	4.1E-05	4.7E-07	9E-07	0.0013
306	488567.32, 3858059.41	0.57883	0.49175	0.45859	0.24927	1.30157	1.09E-03	4.3E-05	4.9E-07	1.5E-06	1.13E-03	1.33E-03	5.29E-05	4.88E-07	8.14E-07	1.39E-03	1.18E-03	4.1E-05	4.7E-07	8.4E-07	0.0012
307	488617.32, 3858059.41	0.55989	0.48909	0.45141	0.24957	1.21713	1.05E-03	4.3E-05	5E-07	1.4E-06	1.10E-03	1.29E-03	5.26E-05	4.89E-07	7.61E-07	1.34E-03	1.14E-03	4E-05	4.7E-07	7.9E-07	0.0012
308	488667.32, 3858059.41	0.54241	0.48679	0.44507	0.25014	1.14266	1.02E-03	4.3E-05	5E-07	1.3E-06	1.06E-03	1.25E-03	5.23E-05	4.90E-07	7.15E-07	1.30E-03	1.10E-03	4E-05	4.8E-07	7.4E-07	0.0011
309	488417.32, 3858109.41	0.64741	0.44478	0.42476	0.22982	1.38073	1.22E-03	3.9E-05	4.6E-07	1.5E-06	1.26E-03	1.49E-03	4.78E-05	4.50E-07	8.64E-07	1.54E-03	1.31E-03	3.7E-05	4.4E-07	8.9E-07	0.0014
310	488467.32, 3858109.41	0.62341	0.44428	0.42033	0.22889	1.30451	1.17E-03	3.9E-05	4.5E-07	1.5E-06	1.21E-03	1.44E-03	4.78E-05	4.48E-07	8.16E-07	1.48E-03	1.27E-03	3.7E-05	4.4E-07	8.4E-07	0.0013
311	488517.32, 3858109.41	0.60147	0.4436	0.41569	0.2286	1.22318	1.13E-03	3.9E-05	4.5E-07	1.4E-06	1.17E-03	1.39E-03	4.77E-05	4.48E-07	7.65E-07	1.43E-03	1.22E-03	3.7E-05	4.3E-07	7.9E-07	0.0013
312	488567.32, 3858109.41	0.58002	0.44329	0.41139	0.22902	1.15032	1.09E-03	3.9E-05	4.5E-07	1.3E-06	1.13E-03	1.34E-03	4.77E-05	4.49E-07	7.19E-07	1.38E-03	1.18E-03	3.7E-05	4.4E-07	7.4E-07	0.0012
313	488617.32, 3858109.41	0.56021	0.44215	0.40663	0.22944	1.08625	1.05E-03	3.9E-05	4.6E-07	1.2E-06	1.09E-03	1.29E-03	4.75E-05	4.49E-07	6.79E-07	1.34E-03	1.14E-03	3.7E-05	4.4E-07	7E-07	0.0012
314	488667.32, 3858109.41	0.5414	0.44189	0.40283	0.23048	1.02794	1.02E-03	3.9E-05	4.6E-07	1.1E-06	1.06E-03	1.25E-03	4.75E-05	4.51E-07	6.43E-07	1.30E-03	1.10E-03	3.7E-05	4.4E-07	6.6E-07	0.0011
315	488769.93, 3858449.27	0.61646	0.24379	0.21954	0.15205	0.41069	1.16E-03	2.1E-05	3E-07	4.6E-07	1.18E-03	1.42E-03	2.62E-05	2.98E-07	2.57E-07	1.45E-03	1.25E-03	2E-05	2.9E-07	2.7E-07	0.0013
316	488819.93, 3858449.27	0.58055	0.24477	0.22005	0.15131	0.40922	1.09E-03	2.1E-05	3E-07	4.6E-07	1.11E-03	1.34E-03	2.63E-05	2.96E-07	2.56E-07	1.36E-03	1.18E-03	2E-05	2.9E-07	2.6E-07	0.0012

317	488819.93, 3858499.27	0.61928	0.22761	0.20474	0.14504	0.36696	1.16E-03	2E-05	2.9E-07	4.1E-07	1.18E-03	1.43E-03	2.45E-05	2.84E-07	2.30E-07	1.45E-03	1.26E-03	1.9E-05	2.8E-07	2.4E-07	0.0013
318	488869.93, 3858499.27	0.58118	0.22844	0.20525	0.14433	0.36619	1.09E-03	2E-05	2.9E-07	4.1E-07	1.11E-03	1.34E-03	2.46E-05	2.83E-07	2.29E-07	1.36E-03	1.18E-03	1.9E-05	2.7E-07	2.4E-07	0.0012
319	488869.93, 3858549.27	0.62259	0.21343	0.1919	0.13873	0.33112	1.17E-03	1.9E-05	2.8E-07	3.7E-07	1.19E-03	1.43E-03	2.29E-05	2.72E-07	2.07E-07	1.46E-03	1.26E-03	1.8E-05	2.6E-07	2.1E-07	0.0013
320	489438.17, 3859571.48	0.10286	0.09112	0.08516	0.07331	0.11157	1.93E-04	8E-06	1.5E-07	1.2E-07	2.02E-04	2.37E-04	9.80E-06	1.44E-07	6.98E-08	2.47E-04	2.09E-04	7.5E-06	1.4E-07	7.2E-08	0.0002
321	489488.17, 3859571.48	0.1026	0.09124	0.08523	0.07336	0.11178	1.93E-04	8E-06	1.5E-07	1.2E-07	2.01E-04	2.36E-04	9.81E-06	1.44E-07	6.99E-08	2.46E-04	2.08E-04	7.5E-06	1.4E-07	7.2E-08	0.0002
322	489538.17, 3859571.48	0.10218	0.09126	0.0852	0.07332	0.11183	1.92E-04	8E-06	1.5E-07	1.2E-07	2.00E-04	2.35E-04	9.81E-06	1.44E-07	6.99E-08	2.45E-04	2.07E-04	7.5E-06	1.4E-07	7.2E-08	0.0002
323	489588.17, 3859571.48	0.10153	0.09104	0.08496	0.07312	0.11171	1.91E-04	8E-06	1.5E-07	1.2E-07	1.99E-04	2.34E-04	9.79E-06	1.43E-07	6.99E-08	2.44E-04	2.06E-04	7.5E-06	1.4E-07	7.2E-08	0.0002
324	489438.17, 3859621.48	0.09834	0.08795	0.08241	0.07121	0.10732	1.85E-04	7.7E-06	1.4E-07	1.2E-07	1.93E-04	2.26E-04	9.45E-06	1.39E-07	6.71E-08	2.36E-04	2.00E-04	7.3E-06	1.4E-07	6.9E-08	0.0002
325	489488.17, 3859621.48	0.09821	0.08812	0.08253	0.07129	0.10764	1.85E-04	7.7E-06	1.4E-07	1.2E-07	1.93E-04	2.26E-04	9.47E-06	1.40E-07	6.73E-08	2.36E-04	1.99E-04	7.3E-06	1.4E-07	7E-08	0.0002
326	489538.17, 3859621.48	0.09799	0.08825	0.0826	0.07134	0.10786	1.84E-04	7.7E-06	1.4E-07	1.2E-07	1.92E-04	2.26E-04	9.49E-06	1.40E-07	6.75E-08	2.35E-04	1.99E-04	7.3E-06	1.4E-07	7E-08	0.0002
327	489588.17, 3859621.48	0.09771	0.0884	0.0827	0.0714	0.10795	1.84E-04	7.8E-06	1.4E-07	1.2E-07	1.92E-04	2.25E-04	9.50E-06	1.40E-07	6.75E-08	2.35E-04	1.98E-04	7.3E-06	1.4E-07	7E-08	0.0002
328	489238.17, 3859671.48	0.09318	0.08352	0.07841	0.06816	0.10157	1.75E-04	7.3E-06	1.4E-07	1.1E-07	1.83E-04	2.15E-04	8.98E-06	1.34E-07	6.35E-08	2.24E-04	1.89E-04	6.9E-06	1.3E-07	6.6E-08	0.0002
329	489288.17, 3859671.48	0.09347	0.08383	0.07873	0.06839	0.10195	1.76E-04	7.4E-06	1.4E-07	1.1E-07	1.83E-04	2.15E-04	9.01E-06	1.34E-07	6.38E-08	2.24E-04	1.90E-04	6.9E-06	1.3E-07	6.6E-08	0.0002
330	489338.17, 3859671.48	0.09379	0.08423	0.07911	0.06868	0.10237	1.76E-04	7.4E-06	1.4E-07	1.1E-07	1.84E-04	2.16E-04	9.05E-06	1.35E-07	6.40E-08	2.25E-04	1.90E-04	7E-06	1.3E-07	6.6E-08	0.0002
331	489388.17, 3859671.48	0.09413	0.08474	0.07957	0.06903	0.10282	1.77E-04	7.4E-06	1.4E-07	1.1E-07	1.85E-04	2.17E-04	9.11E-06	1.35E-07	6.43E-08	2.26E-04	1.91E-04	7E-06	1.3E-07	6.6E-08	0.0002
332	489438.17, 3859671.48	0.09417	0.08497	0.07978	0.06918	0.10324	1.77E-04	7.5E-06	1.4E-07	1.2E-07	1.85E-04	2.17E-04	9.13E-06	1.36E-07	6.46E-08	2.26E-04	1.91E-04	7E-06	1.3E-07	6.7E-08	0.0002
333	489488.17, 3859671.48	0.09431	0.08538	0.08014	0.06945	0.10365	1.77E-04	7.5E-06	1.4E-07	1.2E-07	1.85E-04	2.17E-04	9.18E-06	1.36E-07	6.48E-08	2.27E-04	1.91E-04	7.1E-06	1.3E-07	6.7E-08	0.0002
334	489538.17, 3859671.48	0.09425	0.08563	0.08034	0.06959	0.10398	1.77E-04	7.5E-06	1.4E-07	1.2E-07	1.85E-04	2.17E-04	9.21E-06	1.36E-07	6.50E-08	2.26E-04	1.91E-04	7.1E-06	1.3E-07	6.7E-08	0.0002
335	489588.17, 3859671.48	0.09411	0.08584	0.08049	0.0697	0.1042	1.77E-04	7.5E-06	1.4E-07	1.2E-07	1.85E-04	2.17E-04	9.23E-06	1.37E-07	6.52E-08	2.26E-04	1.91E-04	7.1E-06	1.3E-07	6.7E-08	0.0002
336	489238.17, 3859721.48	0.08922	0.08072	0.07588	0.0662	0.09784	1.68E-04	7.1E-06	1.3E-07	1.1E-07	1.75E-04	2.05E-04	8.68E-06	1.30E-07	6.12E-08	2.14E-04	1.81E-04	6.7E-06	1.3E-07	6.3E-08	0.0002
337	489288.17, 3859721.48	0.08969	0.08123	0.07638	0.06656	0.09821	1.69E-04	7.1E-06	1.3E-07	1.1E-07	1.76E-04	2.07E-04	8.73E-06	1.30E-07	6.14E-08	2.15E-04	1.82E-04	6.7E-06	1.3E-07	6.3E-08	0.0002
338	489338.17, 3859721.48	0.09	0.08159	0.07674	0.06683	0.09858	1.69E-04	7.2E-06	1.3E-07	1.1E-07	1.77E-04	2.07E-04	8.77E-06	1.31E-07	6.17E-08	2.16E-04	1.83E-04	6.7E-06	1.3E-07	6.4E-08	0.0002
339	489388.17, 3859721.48	0.09024	0.08193	0.07707	0.06707	0.09897	1.70E-04	7.2E-06	1.3E-07	1.1E-07	1.77E-04	2.08E-04	8.81E-06	1.31E-07	6.19E-08	2.17E-04	1.83E-04	6.8E-06	1.3E-07	6.4E-08	0.0002
340	489438.17, 3859721.48	0.09036	0.08219	0.07733	0.06727	0.09937	1.70E-04	7.2E-06	1.3E-07	1.1E-07	1.77E-04	2.08E-04	8.84E-06	1.32E-07	6.22E-08	2.17E-04	1.83E-04	6.8E-06	1.3E-07	6.4E-08	0.0002
341	489488.17, 3859721.48	0.09061	0.08269	0.07777	0.0676	0.09981	1.70E-04	7.3E-06	1.3E-07	1.1E-07	1.78E-04	2.09E-04	8.89E-06	1.32E-07	6.24E-08	2.18E-04	1.84E-04	6.8E-06	1.3E-07	6.4E-08	0.0002
342	489538.17, 3859721.48	0.09069	0.08304	0.07807	0.06783	0.1002	1.70E-04	7.3E-06	1.3E-07	1.1E-07	1.78E-04	2.09E-04	8.93E-06	1.33E-07	6.27E-08	2.18E-04	1.84E-04	6.9E-06	1.3E-07	6.5E-08	0.0002
343	489588.17, 3859721.48	0.09067	0.08332	0.0783	0.068	0.10052	1.70E-04	7.3E-06	1.3E-07	1.1E-07	1.78E-04	2.09E-04	8.96E-06	1.33E-07	6.29E-08	2.18E-04	1.84E-04	6.9E-06	1.3E-07	6.5E-08	0.0002
344	489238.17, 3859771.48	0.08565	0.07812	0.07353	0.06438	0.09436	1.61E-04	6.9E-06	1.3E-07	1.1E-07	1.68E-04	1.97E-04	8.40E-06	1.26E-07	5.90E-08	2.06E-04	1.74E-04	6.5E-06	1.2E-07	6.1E-08	0.0002
345	489288.17, 3859771.48	0.08609	0.07861	0.07401	0.06472	0.09469	1.62E-04	6.9E-06	1.3E-07	1.1E-07	1.69E-04	1.98E-04	8.45E-06	1.27E-07	5.92E-08	2.07E-04	1.75E-04	6.5E-06	1.2E-07	6.1E-08	0.0002
346	489338.17, 3859771.48	0.08633	0.07888	0.07429	0.06491	0.095	1.62E-04	6.9E-06	1.3E-07	1.1E-07	1.69E-04	1.99E-04	8.48E-06	1.27E-07	5.94E-08	2.07E-04	1.75E-04	6.5E-06	1.2E-07	6.1E-08	0.0002
347	489388.17, 3859771.48	0.08663	0.07925	0.07467	0.06519	0.09536	1.63E-04	7E-06	1.3E-07	1.1E-07	1.70E-04	1.99E-04	8.52E-06	1.28E-07	5.96E-08	2.08E-04	1.76E-04	6.6E-06	1.2E-07	6.2E-08	0.0002
348	489438.17, 3859771.48	0.08678	0.0795	0.07492	0.06538	0.09573	1.63E-04	7E-06	1.3E-07	1.1E-07	1.70E-04	2.00E-04	8.55E-06	1.28E-07	5.99E-08	2.09E-04	1.76E-04	6.6E-06	1.2E-07	6.2E-08	0.0002
349	489488.17, 3859771.48	0.08716	0.08011	0.07548	0.0658	0.09617	1.64E-04	7E-06	1.3E-07	1.1E-07	1.71E-04	2.01E-04	8.61E-06	1.29E-07	6.01E-08	2.10E-04	1.77E-04	6.6E-06	1.3E-07	6.2E-08	0.0002
350	489538.17, 3859771.48	0.08737	0.08058	0.07591	0.06613	0.09656	1.64E-04	7.1E-06	1.3E-07	1.1E-07	1.71E-04	2.01E-04	8.66E-06	1.30E-07	6.04E-08	2.10E-04	1.77E-04	6.7E-06	1.3E-07	6.2E-08	0.0002
351	489588.17, 3859771.48	0.08737	0.08081	0.07611	0.06628	0.09693	1.64E-04	7.1E-06	1.3E-07	1.1E-07	1.72E-04	2.01E-04	8.69E-06	1.30E-07	6.06E-08	2.10E-04	1.77E-04	6.7E-06	1.3E-07	6.3E-08	0.0002
352	489238.17, 3859821.48	0.0823	0.0756	0.07125	0.06262	0.0911	1.55E-04	6.6E-06	1.2E-07	1E-07	1.62E-04	1.90E-04	8.13E-06	1.23E-07	5.70E-08	1.98E-04	1.67E-04	6.3E-06	1.2E-07	5.9E-08	0.0002
353	489288.17, 3859821.48	0.08274	0.0761	0.07173	0.06294	0.0914	1.55E-04	6.7E-06	1.2E-07	1E-07	1.62E-04	1.91E-04	8.18E-06	1.23E-07	5.72E-08	1.99E-04	1.68E-04	6.3E-06	1.2E-07	5.9E-08	0.0002
354	489338.17, 3859821.48	0.083	0.0764	0.07204	0.06314	0.09167	1.56E-04	6.7E-06	1.3E-07	1E-07	1.63E-04	1.91E-04	8.21E-06	1.24E-07	5.73E-08	2.00E-04	1.69E-04	6.3E-06	1.2E-07	5.9E-08	0.0002
355	489388.17, 3859821.48	0.08329	0.07674	0.07239	0.06339	0.09199	1.57E-04	6.7E-06	1.3E-07	1E-07	1.63E-04	1.92E-04	8.25E-06	1.24E-07	5.75E-08	2.00E-04	1.69E-04	6.3E-06	1.2E-07	5.9E-08	0.0002
356	489438.17, 3859821.48	0.08369	0.07725	0.07289	0.06376	0.09235	1.57E-04	6.8E-06	1.3E-07	1E-07	1.64E-04	1.93E-04	8.30E-06	1.25E-07	5.78E-08	2.01E-04	1.70E-04	6.4E-06	1.2E-07	6E-08	0.0002
357	489488.17, 3859821.48	0.08399	0.07774	0.07335	0.06412	0.09273	1.58E-04	6.8E-06	1.3E-07	1E-07	1.65E-04	1.93E-04	8.36E-06	1.26E-07	5.80E-08	2.02E-04	1.71E-04	6.4E-06	1.2E-07	6E-08	0.0002
358	489538.17, 3859821.48	0.08424	0.07821	0.0738	0.06446	0.09309	1.58E-04	6.9E-06	1.3E-07	1E-07	1.65E-04	1.94E-04	8.41E-06	1.26E-07	5.82E-08	2.03E-04	1.71E-04	6.5E-06	1.2E-07	6E-08	0.0002
359	489588.17, 3859821.48	0.0843	0.07848	0.07405	0.06465	0.09347	1.58E-04	6.9E-06	1.3E-07	1E-07	1.66E-04	1.94E-04	8.44E-06	1.27E-07	5.85E-08	2.03E-04	1.71E-04	6.5E-06	1.2E-07	6E-08	0.0002
360	489238.17, 3859871.48	0.07929	0.07329	0.06916	0.06101	0.08806	1.49E-04	6.4E-06	1.2E-07	9.8E-08	1.56E-04	1.83E-04	7.88E-06	1.20E-07	5.51E-08	1.91E-04	1.61E-04	6.1E-06	1.2E-07	5.7E-08	0.0002
361	489288.17, 3859871.48	0.07959	0.07365	0.06952	0.06122	0.0883	1.50E-04	6.5E-06	1.2E-07	9.9E-08	1.56E-04	1.83E-04	7.92E-06	1.20E-07	5.52E-08	1.91E-04	1.62E-04	6.1E-06	1.2E-07	5.7E-08	0.0002
362	489338.17, 3859871.48	0.0799	0.07402	0.06988	0.06145	0.08856	1.50E-04	6.5E-06	1.2E-07	9.9E-08	1.57E-04	1.84E-04	7.96E-06	1.20E-07	5.54E-08	1.92E-04	1.62E-04	6.1E-06	1.2E-07	5.7E-08	0.0002
363	489388.17, 3859871.48	0.08031	0.0745	0.07035	0.06178	0.08885	1.51E-04	6.5E-06	1.2E-07	9.9E-08	1.58E-04	1.85E-04	8.01E-06	1.21E-07	5.56E-08	1.93E-04	1.63E-04	6.2E-06	1.2E-07	5.7E-08	0.0002
364	489438.17, 3859871.48	0.08081	0.07515	0.07098	0.06224	0.08917	1.52E-04	6.6E-06	1.2E-07	1E-07	1.59E-04	1.86E-04	8.08E-06	1.22E-07	5.58E-08	1.94E-04	1.64E-04	6.2E-06	1.2E-07	5.8E-08	0.0002
365	489488.17, 3859871.48	0.08127	0.07585	0.07165	0.06274	0.08946	1.53E-04	6.7E-06	1.2E-07	1E-07	1.60E-04	1.87E-04	8.15E-06	1.23E-07	5.60E-08	1.95E-04	1.65E-04	6.3E-06	1.2E-07	5.8E-08	0.0002
366	489538.17, 3859871.48	0.08136	0.07604	0.07186	0.0629	0.08981	1.53E-04	6.7E-06	1.2E-07	1E-07	1.60E-04	1.87E-04	8.17E-06	1.23E-07	5.62E-08	1.96E-04	1.65E-04	6.3E-06	1.2E-07	5.8E-08	0.0002
367	489588.17, 3859871.48	0.08149	0.07638	0.07218	0.06314	0.09016	1.53E-04	6.7E-06	1.3E-07	1E-07	1.60E-04	1.88E-04	8.21E-06	1.24E-07	5.64E-08	1.96E-04	1.65E-04	6.3E-06	1.2E-07	5.8E-08	0.0002
368	489238.17, 3859921.48	0.07659	0.0712	0.06727	0.05956	0.08522	1.44E-04	6.2E-06	1.2E-07	9.5E-08	1.50E-04	1.76E-04	7.65E-06	1.17E-07	5.33E-08	1.84E-04	1.56E-04	5.9E-06	1.1E-07	5.5E-08	0.0002
369	489288.17, 3859921.48	0.07697	0.07169	0.06773	0.05984	0.08547	1.45E-04	6.3E-06	1.2E-07	9.5E-08	1.51E-04	1.77E-04	7.71E-06	1.17E-07	5.35E-08	1.85E-04	1.56E-04	5.9E-06	1.1E-07	5.5E-08	0.0002
370	489338.17, 3859921.48	0.07726	0.07206	0.06809	0.06005	0.08569	1.45E-04	6.3E-06	1.2E-07	9.6E-08	1.52E-04	1.78E-04	7.75E-06	1.18E-07	5.36E-08	1.86E-04	1.57E-04	6E-06	1.1E-07	5.5E-08	0.0002
371	489388.17, 3859921.48	0.07771	0.07261	0.06862	0.06041	0.08594	1.46E-04	6.4E-06	1.2E-07	9.6E-08	1.53E-04	1.79E-04	7.81E-06	1.18E-07	5.38E-08	1.87E-04	1.58E-04	6E-06	1.1E-07	5.6E-08	0.0002
372	489438.17, 3859921.48	0.07823	0.07334	0.06933	0.06092	0.08616	1.47E-04	6.4E-06	1.2E-07	9.6E-08	1.54E-04	1.80E-04	7.88E-06	1.19E-07	5.39E-08	1.88E-04	1.59E-04	6.1E-06	1.2E-07	5.6E-08	0.0002
373	489488.17, 3859921.48	0.07851	0.07376	0.06975	0.06122	0.08641	1.48E-04	6.5E-06	1.2E-07	9.7E-08	1.54E-04	1.81E-04	7.93E-06	1.20E-07	5.40E-08	1.89E-04	1.59E-04	6.1E-06	1.2E-07	5.6E-08	0.0002
374	489538.17, 3859921.48	0.07868	0.07404	0.07004	0.06144	0.08671	1.48E-04	6.5E-06	1.2E-07	9.7E-08	1.55E-04	1.81E-04	7.96E-06	1.20E-07	5.42E-08	1.89E-04	1.60E-04	6.1E-06	1.2E-07	5.6E-08	0.0002
375	489588.17, 3859921.48	0.07892	0.0745	0.0705	0.06178	0.08701	1.48E-04	6.5E-06	1.2E-07	9.7E-08	1.55E-04	1.82E-04	8.01E-06	1.21E-07	5.44E-08	1.90E-04	1.60E-04	6.2E-06	1.2E-07	5.6E-08	0.0002
376	489238.17, 3859971.48	0.07413	0.06927	0.06552	0.05823	0.08257	1.39E-04	6.1E-06	1.2E-07	9.2E-08	1.46E-04	1.71E-04	7.45E-06	1.14E-07	5.16E-08	1.78E-04	1.51E-04	5.7E-06	1.1E-07	5.3E-08	0.0002
377	489288.17, 3859971.48	0.07438	0.06964	0.06587	0.05841	0.08277	1.40E-04	6.1E-06	1.2E-07	9.2E-08	1.46E-04	1.71E-04	7.49E-06	1.14E-07	5.18E-08	1.79E-04	1.51E-04	5.8E-06	1.1E-07	5.3E-08	0.0002
378	489338.17, 3859971.48	0.07475	0.07012	0.06633	0.05868	0.08298	1.40E-04	6.2E-06	1.2E-07	9.3E-08	1.47E-04	1.72E-04	7.54E-06	1.15E-07	5.19E-08	1.80E-04	1.52E-04	5.8E-06	1.1E-07	5.4E-08	0.0002
379	489388.17, 3859971.48	0.07525	0.0708	0.06697	0.05911	0.08316	1.41E-04	6.2E-06	1.2E-07	9.3E-08	1.48E-04	1.73E-04	7.61E-06	1.16E-07	5.20E-08	1.81E-04	1.53E-04	5.9E-06	1.1E-07	5.4E-08	0.0002
380	489438.17, 3859971.48	0.07579	0.07161	0.06775	0.05965	0.08331	1.42E-04	6.3E-06	1.2E-07	9.3E-08	1.49E-04	1.75E-04	7.70E-06	1.17E-07	5.21E-08	1.82E-04	1.54E-04	5.9E-06	1.1E-07	5.4E-08	0.0002

381	489488.17, 3859971.48	0.07612	0.07251	0.06863	0.06026	0.08276	1.43E-04	6.4E-06	1.2E-07	9.2E-08	1.50E-04	1.75E-04	7.79E-06	1.18E-07	5.18E-08	1.83E-04	1.55E-04	6E-06	1.1E-07	5.3E-08	0.0002
382	489538.17, 3859971.48	0.07635	0.07308	0.06921	0.06066	0.08271	1.43E-04	6.4E-06	1.2E-07	9.2E-08	1.50E-04	1.76E-04	7.86E-06	1.19E-07	5.17E-08	1.84E-04	1.55E-04	6E-06	1.2E-07	5.3E-08	0.0002
383	489588.17, 3859971.48	0.0765	0.07352	0.06966	0.06099	0.08282	1.44E-04	6.4E-06	1.2E-07	9.3E-08	1.50E-04	1.76E-04	7.90E-06	1.19E-07	5.18E-08	1.84E-04	1.55E-04	6.1E-06	1.2E-07	5.3E-08	0.0002
384	483577.7, 3854071	0.38274	0.17645	0.11602	0.11989	0.05867	7.19E-04	1.5E-05	2.4E-07	6.6E-08	7.35E-04	8.81E-04	1.90E-05	2.35E-07	3.67E-08	9.01E-04	7.77E-04	1.5E-05	2.3E-07	3.8E-08	0.0008
385	483627.7, 3854071	0.36703	0.17642	0.11806	0.12341	0.06027	6.90E-04	1.5E-05	2.4E-07	6.7E-08	7.06E-04	8.45E-04	1.90E-05	2.42E-07	3.77E-08	8.64E-04	7.45E-04	1.5E-05	2.3E-07	3.9E-08	0.0008
386	483677.7, 3854071	0.35234	0.17554	0.11959	0.12642	0.06108	6.62E-04	1.5E-05	2.5E-07	6.8E-08	6.78E-04	8.11E-04	1.89E-05	2.48E-07	3.82E-08	8.31E-04	7.15E-04	1.5E-05	2.4E-07	3.9E-08	0.0007
387	483727.7, 3854071	0.33913	0.17378	0.12048	0.12874	0.06125	6.37E-04	1.5E-05	2.6E-07	6.8E-08	6.53E-04	7.81E-04	1.87E-05	2.52E-07	3.83E-08	8.00E-04	6.89E-04	1.4E-05	2.4E-07	4E-08	0.0007
388	483777.7, 3854071	0.32433	0.17197	0.12061	0.13038	0.05955	6.09E-04	1.5E-05	2.6E-07	6.7E-08	6.25E-04	7.47E-04	1.85E-05	2.55E-07	3.72E-08	7.66E-04	6.59E-04	1.4E-05	2.5E-07	3.8E-08	0.0007
389	483577.7, 3854121	0.40439	0.19153	0.12124	0.12288	0.05778	7.60E-04	1.7E-05	2.4E-07	6.5E-08	7.77E-04	9.31E-04	2.06E-05	2.41E-07	3.61E-08	9.52E-04	8.21E-04	1.6E-05	2.3E-07	3.7E-08	0.0008
390	483627.7, 3854121	0.38609	0.1934	0.1242	0.12738	0.05873	7.26E-04	1.7E-05	2.5E-07	6.6E-08	7.43E-04	8.89E-04	2.08E-05	2.50E-07	3.67E-08	9.10E-04	7.84E-04	1.6E-05	2.4E-07	3.8E-08	0.0008
391	483677.7, 3854121	0.3684	0.19406	0.12663	0.1314	0.05871	6.92E-04	1.7E-05	2.6E-07	6.6E-08	7.10E-04	8.48E-04	2.09E-05	2.57E-07	3.67E-08	8.70E-04	7.48E-04	1.6E-05	2.5E-07	3.8E-08	0.0008
392	483727.7, 3854121	0.35116	0.19297	0.12784	0.13453	0.05796	6.60E-04	1.7E-05	2.7E-07	6.5E-08	6.77E-04	8.09E-04	2.07E-05	2.64E-07	3.63E-08	8.30E-04	7.13E-04	1.6E-05	2.6E-07	3.7E-08	0.0007
393	483777.7, 3854121	0.33802	0.18969	0.12809	0.13658	0.0577	6.35E-04	1.7E-05	2.7E-07	6.4E-08	6.52E-04	7.78E-04	2.04E-05	2.68E-07	3.61E-08	7.99E-04	6.86E-04	1.6E-05	2.6E-07	3.7E-08	0.0007
394	483577.7, 3854171	0.42429	0.21019	0.12759	0.12637	0.05539	7.97E-04	1.8E-05	2.5E-07	6.2E-08	8.16E-04	9.77E-04	2.26E-05	2.48E-07	3.46E-08	1.00E-03	8.61E-04	1.7E-05	2.4E-07	3.6E-08	0.0009
395	483627.7, 3854171	0.40185	0.21416	0.13131	0.13163	0.05516	7.55E-04	1.9E-05	2.6E-07	6.2E-08	7.74E-04	9.25E-04	2.30E-05	2.58E-07	3.45E-08	9.49E-04	8.16E-04	1.8E-05	2.5E-07	3.6E-08	0.0008
396	483677.7, 3854171	0.38343	0.21515	0.13372	0.13614	0.0554	7.21E-04	1.9E-05	2.7E-07	6.2E-08	7.40E-04	8.83E-04	2.31E-05	2.67E-07	3.46E-08	9.06E-04	7.79E-04	1.8E-05	2.6E-07	3.6E-08	0.0008
397	483727.7, 3854171	0.36801	0.213	0.13522	0.13987	0.05577	6.92E-04	1.9E-05	2.8E-07	6.2E-08	7.11E-04	8.47E-04	2.29E-05	2.74E-07	3.49E-08	8.71E-04	7.47E-04	1.8E-05	2.7E-07	3.6E-08	0.0008
398	483777.7, 3854171	0.3535	0.20947	0.13592	0.1426	0.0555	6.64E-04	1.8E-05	2.8E-07	6.2E-08	6.83E-04	8.14E-04	2.25E-05	2.79E-07	3.47E-08	8.37E-04	7.18E-04	1.7E-05	2.7E-07	3.6E-08	0.0007
399	483827.7, 3854171	0.33562	0.20457	0.13431	0.14375	0.05361	6.31E-04	1.8E-05	2.9E-07	6E-08	6.49E-04	7.73E-04	2.20E-05	2.82E-07	3.35E-08	7.95E-04	6.81E-04	1.7E-05	2.7E-07	3.5E-08	0.0007
400	483877.7, 3854171	0.32317	0.1949	0.13277	0.14413	0.05283	6.07E-04	1.7E-05	2.9E-07	5.9E-08	6.25E-04	7.44E-04	2.10E-05	2.82E-07	3.30E-08	7.65E-04	6.56E-04	1.6E-05	2.7E-07	3.4E-08	0.0007
401	483727.7, 3854221	0.38895	0.23547	0.14301	0.14489	0.0539	7.31E-04	2.1E-05	2.9E-07	6E-08	7.52E-04	8.96E-04	2.53E-05	2.84E-07	3.37E-08	9.21E-04	7.90E-04	1.9E-05	2.8E-07	3.5E-08	0.0008
402	483777.7, 3854221	0.37251	0.23214	0.14421	0.14836	0.05359	7.00E-04	2E-05	2.9E-07	6E-08	7.21E-04	8.58E-04	2.50E-05	2.91E-07	3.35E-08	8.83E-04	7.56E-04	1.9E-05	2.8E-07	3.5E-08	0.0008
403	483827.7, 3854221	0.36382	0.22863	0.14392	0.15121	0.05473	6.84E-04	2E-05	3E-07	6.1E-08	7.04E-04	8.38E-04	2.46E-05	2.96E-07	3.42E-08	8.63E-04	7.39E-04	1.9E-05	2.9E-07	3.5E-08	0.0008
404	483877.7, 3854221	0.34715	0.21721	0.1423	0.15219	0.0534	6.52E-04	1.9E-05	3E-07	6E-08	6.72E-04	7.99E-04	2.34E-05	2.98E-07	3.34E-08	8.23E-04	7.05E-04	1.8E-05	2.9E-07	3.4E-08	0.0007
405	489150.19, 3858726.45	0.52198	0.1751	0.15783	0.11905	0.24389	9.81E-04	1.5E-05	2.4E-07	2.7E-07	9.97E-04	1.20E-03	1.88E-05	2.33E-07	1.53E-07	1.22E-03	1.06E-03	1.4E-05	2.3E-07	1.6E-07	0.0011
406	489200.19, 3858726.45	0.48361	0.17547	0.15809	0.11846	0.24414	9.09E-04	1.5E-05	2.4E-07	2.7E-07	9.25E-04	1.11E-03	1.89E-05	2.32E-07	1.53E-07	1.13E-03	9.82E-04	1.5E-05	2.3E-07	1.6E-07	0.001
407	489150.19, 3858776.45	0.53159	0.1658	0.1497	0.11518	0.22686	9.99E-04	1.5E-05	2.3E-07	2.5E-07	1.01E-03	1.22E-03	1.78E-05	2.26E-07	1.42E-07	1.24E-03	1.08E-03	1.4E-05	2.2E-07	1.5E-07	0.0011
408	489200.19, 3858776.45	0.48406	0.16605	0.14995	0.11462	0.22666	9.10E-04	1.5E-05	2.3E-07	2.5E-07	9.25E-04	1.11E-03	1.79E-05	2.25E-07	1.42E-07	1.13E-03	9.83E-04	1.4E-05	2.2E-07	1.5E-07	0.001
409	488919.6, 3856400.76	0.50596	0.3844	0.59108	0.64964	0.51805	9.51E-04	3.4E-05	1.3E-06	5.8E-07	9.86E-04	1.17E-03	4.13E-05	1.27E-06	3.24E-07	1.21E-03	1.03E-03	3.2E-05	1.2E-06	3.3E-07	0.0011
410	488919.6, 3856450.76	0.51223	0.41372	0.60214	0.65759	0.5352	9.63E-04	3.6E-05	1.3E-06	6E-07	1.00E-03	1.18E-03	4.45E-05	1.29E-06	3.35E-07	1.23E-03	1.04E-03	3.4E-05	1.3E-06	3.5E-07	0.0011
411	488969.6, 3856450.76	0.50255	0.41508	0.59191	0.64368	0.52671	9.44E-04	3.6E-05	1.3E-06	5.9E-07	9.83E-04	1.16E-03	4.46E-05	1.26E-06	3.29E-07	1.20E-03	1.02E-03	3.4E-05	1.2E-06	3.4E-07	0.0011
412	488919.6, 3856500.76	0.51809	0.44709	0.61315	0.66464	0.55273	9.74E-04	3.9E-05	1.3E-06	6.2E-07	1.01E-03	1.19E-03	4.81E-05	1.30E-06	3.46E-07	1.24E-03	1.05E-03	3.7E-05	1.3E-06	3.6E-07	0.0011
413	488969.6, 3856500.76	0.50803	0.44763	0.60241	0.65014	0.54508	9.55E-04	3.9E-05	1.3E-06	6.1E-07	9.96E-04	1.17E-03	4.81E-05	1.27E-06	3.41E-07	1.22E-03	1.03E-03	3.7E-05	1.2E-06	3.5E-07	0.0011
414	488919.6, 3856550.76	0.52333	0.48462	0.62386	0.67052	0.57201	9.83E-04	4.3E-05	1.3E-06	6.4E-07	1.03E-03	1.21E-03	5.21E-05	1.31E-06	3.58E-07	1.26E-03	1.06E-03	4E-05	1.3E-06	3.7E-07	0.0011
415	488969.6, 3856550.76	0.51308	0.48409	0.61294	0.65567	0.56274	9.64E-04	4.2E-05	1.3E-06	6.3E-07	1.01E-03	1.18E-03	5.20E-05	1.28E-06	3.52E-07	1.24E-03	1.04E-03	4E-05	1.2E-06	3.6E-07	0.0011
416	488819.6, 3856600.76	0.55047	0.52864	0.65882	0.70798	0.60847	1.03E-03	4.6E-05	1.4E-06	6.8E-07	1.08E-03	1.27E-03	5.68E-05	1.39E-06	3.81E-07	1.33E-03	1.12E-03	4.4E-05	1.3E-06	3.9E-07	0.0012
417	488869.6, 3856600.76	0.53915	0.5278	0.64671	0.69148	0.59844	1.01E-03	4.6E-05	1.4E-06	6.7E-07	1.06E-03	1.24E-03	5.67E-05	1.35E-06	3.74E-07	1.30E-03	1.09E-03	4.4E-05	1.3E-06	3.9E-07	0.0011
418	488919.6, 3856600.76	0.52814	0.52623	0.63479	0.67543	0.58984	9.92E-04	4.6E-05	1.3E-06	6.6E-07	1.04E-03	1.22E-03	5.66E-05	1.32E-06	3.69E-07	1.27E-03	1.07E-03	4.4E-05	1.3E-06	3.8E-07	0.0011
419	488819.6, 3856650.76	0.55515	0.5783	0.6704	0.71237	0.62836	1.04E-03	5.1E-05	1.4E-06	7E-07	1.10E-03	1.28E-03	6.22E-05	1.40E-06	3.93E-07	1.34E-03	1.13E-03	4.8E-05	1.4E-06	4.1E-07	0.0012
420	488869.6, 3856650.76	0.5436	0.57558	0.65791	0.69539	0.61767	1.02E-03	5E-05	1.4E-06	6.9E-07	1.07E-03	1.25E-03	6.19E-05	1.36E-06	3.86E-07	1.32E-03	1.10E-03	4.8E-05	1.3E-06	4E-07	0.0012
421	488819.6, 3856700.76	0.55916	0.63297	0.68186	0.71521	0.649	1.05E-03	5.6E-05	1.4E-06	7.3E-07	1.11E-03	1.29E-03	6.80E-05	1.40E-06	4.06E-07	1.36E-03	1.14E-03	5.2E-05	1.4E-06	4.2E-07	0.0012
422	488869.6, 3856700.76	0.54746	0.62796	0.66908	0.6979	0.63717	1.03E-03	5.5E-05	1.4E-06	7.1E-07	1.09E-03	1.26E-03	6.75E-05	1.37E-06	3.99E-07	1.33E-03	1.11E-03	5.2E-05	1.3E-06	4.1E-07	0.0012
423	488819.6, 3856750.76	0.56275	0.69272	0.69366	0.7166	0.66857	1.06E-03	6.1E-05	1.4E-06	7.5E-07	1.12E-03	1.30E-03	7.45E-05	1.40E-06	4.18E-07	1.37E-03	1.14E-03	5.7E-05	1.4E-06	4.3E-07	0.0012
424	488869.6, 3856750.76	0.55074	0.6844	0.68002	0.69869	0.65766	1.03E-03	6E-05	1.4E-06	7.3E-07	1.10E-03	1.27E-03	7.36E-05	1.37E-06	4.11E-07	1.34E-03	1.12E-03	5.7E-05	1.3E-06	4.2E-07	0.0012
425	488819.6, 3857050.76	0.57442	1.08893	0.76003	0.68437	0.80309	1.08E-03	9.6E-05	1.4E-06	9E-07	1.18E-03	1.32E-03	1.17E-04	1.34E-06	5.02E-07	1.44E-03	1.17E-03	9E-05	1.3E-06	5.2E-07	0.0013
426	488869.6, 3857050.76	0.56164	1.05155	0.74206	0.66575	0.78789	1.06E-03	9.2E-05	1.3E-06	8.8E-07	1.15E-03	1.29E-03	1.13E-04	1.30E-06	4.93E-07	1.41E-03	1.14E-03	8.7E-05	1.3E-06	5.1E-07	0.0012
427	488919.6, 3857050.76	0.54952	1.01671	0.72521	0.64829	0.77196	1.03E-03	8.9E-05	1.3E-06	8.6E-07	1.12E-03	1.27E-03	1.09E-04	1.27E-06	4.83E-07	1.38E-03	1.12E-03	8.4E-05	1.2E-06	5E-07	0.0012
428	488819.6, 3857100.76	0.57568	1.14211	0.76984	0.67267	0.82742	1.08E-03	0.0001	1.3E-06	9.2E-07	1.18E-03	1.33E-03	1.23E-04	1.32E-06	5.18E-07	1.45E-03	1.17E-03	9.4E-05	1.3E-06	5.3E-07	0.0013
429	488869.6, 3857100.76	0.56296	1.10047	0.75157	0.65465	0.80977	1.06E-03	9.7E-05	1.3E-06	9E-07	1.16E-03	1.30E-03	1.18E-04	1.28E-06	5.06E-07	1.42E-03	1.14E-03	9.1E-05	1.2E-06	5.2E-07	0.0012
430	488919.6, 3857100.76	0.55041	1.06003	0.73319	0.63701	0.79421	1.03E-03	9.3E-05	1.3E-06	8.9E-07	1.13E-03	1.27E-03	1.14E-04	1.25E-06	4.97E-07	1.38E-03	1.12E-03	8.8E-05	1.2E-06	5.1E-07	0.0012
431	488819.6, 3857150.76	0.5768	1.1846	0.77887	0.65958	0.85239	1.08E-03	0.0001	1.3E-06	9.5E-07	1.19E-03	1.33E-03	1.27E-04	1.29E-06	5.33E-07	1.46E-03	1.17E-03	9.8E-05	1.3E-06	5.5E-07	0.0013
432	488869.6, 3857150.76	0.56371	1.13774	0.75913	0.64156	0.83449	1.06E-03	1E-04	1.3E-06	9.3E-07	1.16E-03	1.30E-03	1.22E-04	1.26E-06	5.22E-07	1.42E-03	1.14E-03	9.4E-05	1.2E-06	5.4E-07	0.0012
433	488919.6, 3857150.76	0.55125	1.09437	0.74055	0.62463	0.81637	1.04E-03	9.6E-05	1.2E-06	9.1E-07	1.13E-03	1.27E-03	1.18E-04	1.22E-06	5.11E-07	1.39E-03	1.12E-03	9.1E-05	1.2E-06	5.3E-07	0.0012
434	488969.6, 3857150.76	0.53919	1.05335	0.72248	0.60837	0.79921	1.01E-03	9.2E-05	1.2E-06	8.9E-07	1.11E-03	1.24E-03	1.13E-04	1.19E-06	5.00E-07	1.36E-03	1.09E-03	8.7E-05	1.2E-06	5.2E-07	0.0012
435	488819.6, 3857200.76	0.57778	1.21399	0.78663	0.64516	0.87842	1.09E-03	0.00011	1.3E-06	9.8E-07	1.19E-03	1.33E-03	1.31E-04	1.26E-06	5.49E-07	1.46E-03	1.17E-03	0.0001	1.2E-06	5.7E-07	0.0013
436	488869.6, 3857200.76	0.56436	1.16327	0.76568	0.62736	0.85955	1.06E-03	0.0001	1.2E-06	9.6E-07	1.16E-03	1.30E-03	1.25E-04	1.23E-06	5.38E-07	1.43E-03	1.15E-03	9.6E-05	1.2E-06	5.6E-07	0.0012
437	488919.6, 3857200.76	0.55166	1.11664	0.74604	0.61068	0.84044	1.04E-03	9.8E-05	1.2E-06	9.4E-07	1.14E-03	1.27E-03	1.20E-04	1.20E-06	5.26E-07	1.39E-03	1.12E-03	9.2E-05	1.2E-06	5.4E-07	0.0012
438	488969.6, 3857200.76	0.53961	1.07379	0.7277	0.59509	0.82107	1.01E-03	9.4E-05	1.2E-06	9.2E-07	1.11E-03	1.24E-03	1.15E-04	1.17E-06	5.14E-07	1.36E-03	1.10E-03	8.9E-05	1.1E-06	5.3E-07	0.0012
439	488819.6, 3857250.76	0.57882	1.22992	0.7935	0.62984	0.90434	1.09E-03	0.00011	1.3E-06	1E-06	1.20E-03	1.33E-03	1.32E-04	1.23E-06	5.66E-07	1.47E-03	1.18E-03	0.0001	1.2E-06	5.8E-07	0.0013
440	488869.6, 3857250.76	0.56521	1.17715	0.77169	0.61253	0.88366	1.06E-03	0.0001	1.2E-06	9.9E-07	1.17E-03	1.30E-03	1.27E-04	1.20E-06	5.53E-07	1.43E-03	1.15E-03	9.7E-05	1.2E-06	5.7E-07	0.0012
441	488919.6, 3857250.76	0.55216	1.12819	0.75092	0.59612	0.86356	1.04E-03	9.9E-05	1.2E-06	9.6E-07	1.14E-03	1.27E-03	1.21E-04	1.17E-06	5.40E-07	1.39E-03	1.12E-03	9.3E-05	1.1E-06	5.6E-07	0.0012
442	488969.6, 3857250.76	0.53968	1.08275	0.73115	0.58057	0.84394	1.01E-03	9.5E-05	1.2E-06	9.4E-07	1.11E-03	1.24E-03	1.16E-04	1.14E-06	5.28E-07	1.36E-03	1.10E-03	9E-05	1.1E-06	5.5E-07	0.0012
443	488819.6, 3857300.76	0.57941	1.2302	0.798	0.61299	0.93207	1.09E-03	0.00011	1.2E-06	1E-06	1.20E-03	1.33E-03	1.32E-04	1.20E-06	5.83E-07	1.47E-03	1.18E-03	0.0001	1.2E-06	6E-07	0.0013
444	488869.6, 3857300.76	0.5655	1.17656	0.77522	0.59614	0.90967	1.06E-03	0.0001	1.2E-06	1E-06	1.17E-03	1.30E-03	1.26E-04	1.17E-06	5.69E-07	1.43E-03	1.15E-03	9.7E-05	1.1E-06	5.9E-07	0.0012

445	488919.6, 3857300.76	0.55205	1.12621	0.75312	0.57994	0.88869	1.04E-03	9.9E-05	1.2E-06	9.9E-07	1.14E-03	1.27E-03	1.21E-04	1.14E-06	5.56E-07	1.39E-03	1.12E-03	9.3E-05	1.1E-06	5.7E-07	0.0012
446	488819.6, 3857450.76	0.5792	1.15388	0.79678	0.55397	1.01737	1.09E-03	0.0001	1.1E-06	1.1E-06	1.19E-03	1.33E-03	1.24E-04	1.09E-06	6.36E-07	1.46E-03	1.18E-03	9.5E-05	1.1E-06	6.6E-07	0.0013
447	488869.6, 3857450.76	0.56413	1.1053	0.77133	0.53893	0.98883	1.06E-03	9.7E-05	1.1E-06	1.1E-06	1.16E-03	1.30E-03	1.19E-04	1.06E-06	6.18E-07	1.42E-03	1.15E-03	9.1E-05	1E-06	6.4E-07	0.0012
448	488919.6, 3857450.76	0.54921	1.05785	0.74573	0.52392	0.96364	1.03E-03	9.3E-05	1E-06	1.1E-06	1.13E-03	1.26E-03	1.14E-04	1.03E-06	6.03E-07	1.38E-03	1.12E-03	8.7E-05	1E-06	6.2E-07	0.0012
449	488819.6, 3857500.76	0.57801	1.1096	0.78981	0.53109	1.04502	1.09E-03	9.7E-05	1.1E-06	1.2E-06	1.19E-03	1.33E-03	1.19E-04	1.04E-06	6.54E-07	1.45E-03	1.17E-03	9.2E-05	1E-06	6.8E-07	0.0013
450	488869.6, 3857500.76	0.562	1.06271	0.76239	0.51623	1.01592	1.06E-03	9.3E-05	1E-06	1.1E-06	1.15E-03	1.29E-03	1.14E-04	1.01E-06	6.35E-07	1.41E-03	1.14E-03	8.8E-05	9.8E-07	6.6E-07	0.0012
451	488919.6, 3857500.76	0.54684	1.019	0.73661	0.50224	0.98767	1.03E-03	8.9E-05	1E-06	1.1E-06	1.12E-03	1.26E-03	1.10E-04	9.84E-07	6.18E-07	1.37E-03	1.11E-03	8.4E-05	9.6E-07	6.4E-07	0.0012
452	488819.6, 3857550.76	0.57536	1.05714	0.77701	0.50582	1.07351	1.08E-03	9.3E-05	1E-06	1.2E-06	1.18E-03	1.32E-03	1.14E-04	9.91E-07	6.71E-07	1.44E-03	1.17E-03	8.7E-05	9.6E-07	6.9E-07	0.0013
453	488869.6, 3857550.76	0.55914	1.01515	0.74973	0.49227	1.04072	1.05E-03	8.9E-05	9.8E-07	1.2E-06	1.14E-03	1.29E-03	1.09E-04	9.64E-07	6.51E-07	1.40E-03	1.14E-03	8.4E-05	9.4E-07	6.7E-07	0.0012
454	488919.6, 3857550.76	0.54349	0.97462	0.72332	0.47907	1.01041	1.02E-03	8.6E-05	9.5E-07	1.1E-06	1.11E-03	1.25E-03	1.05E-04	9.38E-07	6.32E-07	1.36E-03	1.10E-03	8.1E-05	9.1E-07	6.5E-07	0.0012
455	489663.71, 3860900.05	0.04378	0.04249	0.04117	0.03836	0.05024	8.23E-05	3.7E-06	7.6E-08	5.6E-08	8.61E-05	1.01E-04	4.57E-06	7.51E-08	3.14E-08	1.05E-04	8.89E-05	3.5E-06	7.3E-08	3.2E-08	9E-05
456	489813.71, 3860900.05	0.04402	0.04279	0.04146	0.03846	0.05051	8.27E-05	3.8E-06	7.6E-08	5.6E-08	8.66E-05	1.01E-04	4.60E-06	7.53E-08	3.16E-08	1.06E-04	8.94E-05	3.5E-06	7.3E-08	3.3E-08	9E-05
457	489863.71, 3860900.05	0.04405	0.04285	0.04149	0.03843	0.05053	8.28E-05	3.8E-06	7.6E-08	5.6E-08	8.67E-05	1.01E-04	4.61E-06	7.53E-08	3.16E-08	1.06E-04	8.94E-05	3.5E-06	7.3E-08	3.3E-08	9E-05
458	489913.71, 3860900.05	0.04421	0.04305	0.04166	0.03851	0.05064	8.31E-05	3.8E-06	7.6E-08	5.7E-08	8.70E-05	1.02E-04	4.63E-06	7.54E-08	3.17E-08	1.07E-04	8.98E-05	3.6E-06	7.3E-08	3.3E-08	9E-05
459	489963.71, 3860900.05	0.04424	0.04313	0.04171	0.03848	0.05066	8.31E-05	3.8E-06	7.6E-08	5.7E-08	8.71E-05	1.02E-04	4.64E-06	7.54E-08	3.17E-08	1.07E-04	8.98E-05	3.6E-06	7.3E-08	3.3E-08	9E-05
460	490013.71, 3860900.05	0.04441	0.04336	0.0419	0.03857	0.05078	8.35E-05	3.8E-06	7.7E-08	5.7E-08	8.74E-05	1.02E-04	4.66E-06	7.56E-08	3.18E-08	1.07E-04	9.02E-05	3.6E-06	7.3E-08	3.3E-08	9E-05
461	490063.71, 3860900.05	0.04451	0.04352	0.04204	0.03861	0.05086	8.36E-05	3.8E-06	7.7E-08	5.7E-08	8.76E-05	1.02E-04	4.68E-06	7.56E-08	3.18E-08	1.07E-04	9.04E-05	3.6E-06	7.3E-08	3.3E-08	9E-05
462	489663.71, 3860950.05	0.04282	0.04159	0.04033	0.03765	0.04908	8.05E-05	3.6E-06	7.5E-08	5.5E-08	8.42E-05	9.86E-05	4.47E-06	7.38E-08	3.07E-08	1.03E-04	8.69E-05	3.4E-06	7.2E-08	3.2E-08	9E-05
463	489813.71, 3860950.05	0.04304	0.04185	0.04059	0.03776	0.04938	8.09E-05	3.7E-06	7.5E-08	5.5E-08	8.47E-05	9.91E-05	4.50E-06	7.40E-08	3.09E-08	1.04E-04	8.74E-05	3.5E-06	7.2E-08	3.2E-08	9E-05
464	489863.71, 3860950.05	0.04304	0.04188	0.04061	0.03772	0.04939	8.09E-05	3.7E-06	7.5E-08	5.5E-08	8.47E-05	9.91E-05	4.50E-06	7.39E-08	3.09E-08	1.04E-04	8.74E-05	3.5E-06	7.2E-08	3.2E-08	9E-05
465	489913.71, 3860950.05	0.04317	0.04204	0.04074	0.03777	0.04948	8.11E-05	3.7E-06	7.5E-08	5.5E-08	8.49E-05	9.94E-05	4.52E-06	7.40E-08	3.09E-08	1.04E-04	8.77E-05	3.5E-06	7.2E-08	3.2E-08	9E-05
466	489963.71, 3860950.05	0.04322	0.04214	0.04081	0.03776	0.04951	8.12E-05	3.7E-06	7.5E-08	5.5E-08	8.50E-05	9.95E-05	4.53E-06	7.40E-08	3.10E-08	1.04E-04	8.78E-05	3.5E-06	7.2E-08	3.2E-08	9E-05
467	490013.71, 3860950.05	0.04333	0.04229	0.04093	0.03779	0.04959	8.14E-05	3.7E-06	7.5E-08	5.5E-08	8.53E-05	9.98E-05	4.55E-06	7.40E-08	3.10E-08	1.04E-04	8.80E-05	3.5E-06	7.2E-08	3.2E-08	9E-05
468	490063.71, 3860950.05	0.04344	0.04246	0.04107	0.03784	0.04967	8.16E-05	3.7E-06	7.5E-08	5.5E-08	8.55E-05	1.00E-04	4.56E-06	7.41E-08	3.11E-08	1.05E-04	8.82E-05	3.5E-06	7.2E-08	3.2E-08	9E-05
469	489513.71, 3861000.05	0.04184	0.04054	0.03928	0.03683	0.04752	7.86E-05	3.6E-06	7.3E-08	5.3E-08	8.23E-05	9.63E-05	4.36E-06	7.21E-08	2.97E-08	1.01E-04	8.50E-05	3.4E-06	7E-08	3.1E-08	9E-05
470	489563.71, 3861000.05	0.04184	0.0406	0.03934	0.03686	0.04767	7.86E-05	3.6E-06	7.3E-08	5.3E-08	8.23E-05	9.63E-05	4.36E-06	7.22E-08	2.98E-08	1.01E-04	8.50E-05	3.4E-06	7E-08	3.1E-08	9E-05
471	489613.71, 3861000.05	0.0419	0.04069	0.03945	0.03693	0.04785	7.87E-05	3.6E-06	7.3E-08	5.3E-08	8.24E-05	9.65E-05	4.37E-06	7.23E-08	2.99E-08	1.01E-04	8.51E-05	3.4E-06	7E-08	3.1E-08	9E-05
472	489663.71, 3861000.05	0.04193	0.04075	0.03953	0.03697	0.04799	7.88E-05	3.6E-06	7.3E-08	5.4E-08	8.25E-05	9.66E-05	4.38E-06	7.24E-08	3.00E-08	1.01E-04	8.51E-05	3.4E-06	7E-08	3.1E-08	9E-05
473	489713.71, 3861000.05	0.04194	0.04077	0.03957	0.03698	0.04808	7.88E-05	3.6E-06	7.3E-08	5.4E-08	8.25E-05	9.66E-05	4.38E-06	7.24E-08	3.01E-08	1.01E-04	8.52E-05	3.4E-06	7E-08	3.1E-08	9E-05
474	489763.71, 3861000.05	0.04199	0.04083	0.03964	0.03701	0.04817	7.89E-05	3.6E-06	7.3E-08	5.4E-08	8.26E-05	9.67E-05	4.39E-06	7.25E-08	3.01E-08	1.01E-04	8.53E-05	3.4E-06	7E-08	3.1E-08	9E-05
475	489813.71, 3861000.05	0.04212	0.04098	0.03979	0.0371	0.0483	7.92E-05	3.6E-06	7.4E-08	5.4E-08	8.29E-05	9.70E-05	4.41E-06	7.27E-08	3.02E-08	1.02E-04	8.55E-05	3.4E-06	7.1E-08	3.1E-08	9E-05
476	489863.71, 3861000.05	0.04212	0.04099	0.03979	0.03706	0.04831	7.92E-05	3.6E-06	7.4E-08	5.4E-08	8.29E-05	9.70E-05	4.41E-06	7.26E-08	3.02E-08	1.02E-04	8.55E-05	3.4E-06	7E-08	3.1E-08	9E-05
477	489913.71, 3861000.05	0.04223	0.04113	0.03991	0.0371	0.0484	7.94E-05	3.6E-06	7.4E-08	5.4E-08	8.31E-05	9.72E-05	4.42E-06	7.27E-08	3.03E-08	1.02E-04	8.57E-05	3.4E-06	7.1E-08	3.1E-08	9E-05
478	489963.71, 3861000.05	0.04225	0.04119	0.03994	0.03707	0.04841	7.94E-05	3.6E-06	7.4E-08	5.4E-08	8.31E-05	9.73E-05	4.43E-06	7.26E-08	3.03E-08	1.02E-04	8.58E-05	3.4E-06	7.1E-08	3.1E-08	9E-05
479	490013.71, 3861000.05	0.04234	0.04133	0.04005	0.03709	0.04847	7.96E-05	3.6E-06	7.4E-08	5.4E-08	8.33E-05	9.75E-05	4.44E-06	7.27E-08	3.03E-08	1.02E-04	8.60E-05	3.4E-06	7.1E-08	3.1E-08	9E-05
480	490063.71, 3861000.05	0.04243	0.04146	0.04015	0.03711	0.04853	7.97E-05	3.6E-06	7.4E-08	5.4E-08	8.35E-05	9.77E-05	4.46E-06	7.27E-08	3.04E-08	1.02E-04	8.61E-05	3.4E-06	7.1E-08	3.1E-08	9E-05
481	489513.71, 3861050.05	0.04102	0.03976	0.03854	0.0362	0.04646	7.71E-05	3.5E-06	7.2E-08	5.2E-08	8.07E-05	9.45E-05	4.27E-06	7.09E-08	2.91E-08	9.88E-05	8.33E-05	3.3E-06	6.9E-08	3E-08	9E-05
482	489563.71, 3861050.05	0.04101	0.03981	0.0386	0.03622	0.04661	7.71E-05	3.5E-06	7.2E-08	5.2E-08	8.07E-05	9.44E-05	4.28E-06	7.10E-08	2.92E-08	9.88E-05	8.33E-05	3.3E-06	6.9E-08	3E-08	9E-05
483	489613.71, 3861050.05	0.04111	0.03996	0.03875	0.03633	0.04682	7.73E-05	3.5E-06	7.2E-08	5.2E-08	8.09E-05	9.47E-05	4.30E-06	7.12E-08	2.93E-08	9.91E-05	8.35E-05	3.3E-06	6.9E-08	3E-08	9E-05
484	489663.71, 3861050.05	0.04107	0.03994	0.03876	0.03631	0.04691	7.72E-05	3.5E-06	7.2E-08	5.2E-08	8.08E-05	9.46E-05	4.29E-06	7.11E-08	2.93E-08	9.90E-05	8.34E-05	3.3E-06	6.9E-08	3E-08	9E-05
485	489713.71, 3861050.05	0.04106	0.03995	0.03879	0.03631	0.047	7.72E-05	3.5E-06	7.2E-08	5.3E-08	8.08E-05	9.46E-05	4.29E-06	7.11E-08	2.94E-08	9.89E-05	8.34E-05	3.3E-06	6.9E-08	3E-08	9E-05
486	489763.71, 3861050.05	0.04111	0.04001	0.03886	0.03635	0.04711	7.73E-05	3.5E-06	7.2E-08	5.3E-08	8.09E-05	9.47E-05	4.30E-06	7.12E-08	2.95E-08	9.91E-05	8.35E-05	3.3E-06	6.9E-08	3E-08	9E-05
487	489813.71, 3861050.05	0.04119	0.0401	0.03896	0.03641	0.04722	7.74E-05	3.5E-06	7.2E-08	5.3E-08	8.10E-05	9.49E-05	4.31E-06	7.13E-08	2.95E-08	9.93E-05	8.36E-05	3.3E-06	6.9E-08	3.1E-08	9E-05
488	489863.71, 3861050.05	0.04122	0.04014	0.039	0.0364	0.04727	7.75E-05	3.5E-06	7.2E-08	5.3E-08	8.11E-05	9.49E-05	4.32E-06	7.13E-08	2.96E-08	9.93E-05	8.37E-05	3.3E-06	6.9E-08	3.1E-08	9E-05
489	489913.71, 3861050.05	0.04128	0.04022	0.03907	0.03641	0.04732	7.76E-05	3.5E-06	7.2E-08	5.3E-08	8.12E-05	9.51E-05	4.32E-06	7.13E-08	2.96E-08	9.95E-05	8.38E-05	3.3E-06	6.9E-08	3.1E-08	9E-05
490	489963.71, 3861050.05	0.04133	0.04029	0.03912	0.03641	0.04736	7.77E-05	3.5E-06	7.2E-08	5.3E-08	8.13E-05	9.52E-05	4.33E-06	7.13E-08	2.96E-08	9.96E-05	8.39E-05	3.3E-06	6.9E-08	3.1E-08	9E-05
491	490013.71, 3861050.05	0.04145	0.04045	0.03925	0.03646	0.04744	7.79E-05	3.5E-06	7.2E-08	5.3E-08	8.16E-05	9.55E-05	4.35E-06	7.14E-08	2.97E-08	9.99E-05	8.42E-05	3.3E-06	6.9E-08	3.1E-08	9E-05
492	490063.71, 3861050.05	0.04151	0.04055	0.03932	0.03645	0.04748	7.80E-05	3.6E-06	7.2E-08	5.3E-08	8.17E-05	9.56E-05	4.36E-06	7.14E-08	2.97E-08	1.00E-04	8.43E-05	3.4E-06	6.9E-08	3.1E-08	9E-05
493	489513.71, 3861100.05	0.04031	0.03907	0.03789	0.03564	0.04549	7.58E-05	3.4E-06	7.1E-08	5.1E-08	7.93E-05	9.28E-05	4.20E-06	6.98E-08	2.85E-08	9.71E-05	8.18E-05	3.2E-06	6.8E-08	2.9E-08	9E-05
494	489563.71, 3861100.05	0.0402	0.03904	0.03786	0.03559	0.04557	7.55E-05	3.4E-06	7.1E-08	5.1E-08	7.91E-05	9.26E-05	4.20E-06	6.97E-08	2.85E-08	9.69E-05	8.16E-05	3.2E-06	6.8E-08	2.9E-08	8E-05
495	489613.71, 3861100.05	0.0401	0.03898	0.03782	0.03553	0.04564	7.54E-05	3.4E-06	7.1E-08	5.1E-08	7.89E-05	9.23E-05	4.19E-06	6.96E-08	2.85E-08	9.66E-05	8.14E-05	3.2E-06	6.8E-08	2.9E-08	8E-05
496	489663.71, 3861100.05	0.04013	0.03905	0.03791	0.03558	0.0458	7.54E-05	3.4E-06	7.1E-08	5.1E-08	7.90E-05	9.24E-05	4.20E-06	6.97E-08	2.86E-08	9.67E-05	8.15E-05	3.2E-06	6.8E-08	3E-08	8E-05
497	489713.71, 3861100.05	0.04017	0.03911	0.03799	0.03563	0.04593	7.55E-05	3.4E-06	7.1E-08	5.1E-08	7.90E-05	9.25E-05	4.20E-06	6.98E-08	2.87E-08	9.68E-05	8.16E-05	3.2E-06	6.8E-08	3E-08	8E-05
498	489763.71, 3861100.05	0.04021	0.03916	0.03806	0.03567	0.04605	7.56E-05	3.4E-06	7.1E-08	5.1E-08	7.91E-05	9.26E-05	4.21E-06	6.99E-08	2.88E-08	9.69E-05	8.16E-05	3.2E-06	6.8E-08	3E-08	8E-05
499	489813.71, 3861100.05	0.04029	0.03924	0.03815	0.03572	0.04616	7.57E-05	3.4E-06	7.1E-08	5.2E-08	7.93E-05	9.28E-05	4.22E-06	7.00E-08	2.89E-08	9.71E-05	8.18E-05	3.2E-06	6.8E-08	3E-08	9E-05
500	489863.71, 3861100.05	0.0404	0.03936	0.03827	0.0358	0.04628	7.59E-05	3.5E-06	7.1E-08	5.2E-08	7.95E-05	9.30E-05	4.23E-06	7.01E-08	2.89E-08	9.74E-05	8.20E-05	3.3E-06	6.8E-08	3E-08	9E-05
501	489913.71, 3861100.05	0.0404	0.03937	0.03828	0.03577	0.0463	7.59E-05	3.5E-06	7.1E-08	5.2E-08	7.95E-05	9.30E-05	4.23E-06	7.01E-08	2.90E-08	9.74E-05	8.20E-05	3.3E-06	6.8E-08	3E-08	9E-05
502	489963.71, 3861100.05	0.04046	0.03945	0.03834	0.03578	0.04634	7.60E-05	3.5E-06	7.1E-08	5.2E-08	7.96E-05	9.32E-05	4.24E-06	7.01E-08	2.90E-08	9.75E-05	8.21E-05	3.3E-06	6.8E-08	3E-08	9E-05
503	490013.71, 3861100.05	0.04048	0.0395	0.03838	0.03575	0.04636	7.61E-05	3.5E-06	7.1E-08	5.2E-08	7.97E-05	9.32E-05	4.25E-06	7.00E-08	2.90E-08	9.76E-05	8.22E-05	3.3E-06	6.8E-08	3E-08	9E-05
504	490063.71, 3861100.05	0.04055	0.0396	0.03846	0.03576	0.04641	7.62E-05	3.5E-06	7.1E-08	5.2E-08	7.98E-05	9.34E-05	4.26E-06	7.01E-08	2.90E-08	9.77E-05	8.23E-05	3.3E-06	6.8E-08	3E-08	9E-05
505	489713.71, 3861150.05	0.03933	0.03832	0.03723	0.03497	0.0449	7.39E-05	3.4E-06	6.9E-08	5E-08	7.74E-05	9.06E-05	4.12E-06	6.85E-08	2.81E-08	9.48E-05	7.99E-05	3.2E-06	6.7E-08	2.9E-08	8E-05
506	489763.71, 3861150.05	0.03939	0.03838	0.03731	0.03503	0.04504	7.40E-05	3.4E-06	7E-08	5E-08	7.75E-05	9.07E-05	4.13E-06	6.86E-08	2.82E-08	9.49E-05	8.00E-05	3.2E-06	6.7E-08	2.9E-08	8E-05
507	489813.71, 3861150.05	0.03946	0.03845	0.0374	0.03509	0.04516	7.42E-05	3.4E-06	7E-08	5E-08	7.76E-05	9.09E-05	4.13E-06	6.87E-08	2.82E-08	9.51E-05	8.01E-05	3.2E-06	6.7E-08	2.9E-08	8E-05
508	489863.71, 3861150.05	0.0395	0.0385	0.03746	0.03512	0.04524	7.42E-05	3.4E-06	7E-08	5.1E-08	7.77E-05	9.10E-05	4.14E-06	6.88E-08	2.83E-08	9.52E-05	8.02E-05	3.2E-06	6.7E-08	2.9E-08	8E-05

509	489913.71, 3861150.05	0.03954	0.03854	0.03751	0.03512	0.04529	7.43E-05	3.4E-06	7E-08	5.1E-08	7.78E-05	9.11E-05	4.14E-06	6.88E-08	2.83E-08	9.53E-05	8.03E-05	3.2E-06	6.7E-08	2.9E-08	8E-05
510	489963.71, 3861150.05	0.03956	0.03857	0.03754	0.03511	0.04532	7.43E-05	3.4E-06	7E-08	5.1E-08	7.78E-05	9.11E-05	4.15E-06	6.88E-08	2.83E-08	9.53E-05	8.03E-05	3.2E-06	6.7E-08	2.9E-08	8E-05
511	490013.71, 3861150.05	0.03959	0.03862	0.03757	0.03509	0.04535	7.44E-05	3.4E-06	7E-08	5.1E-08	7.79E-05	9.12E-05	4.15E-06	6.87E-08	2.84E-08	9.54E-05	8.04E-05	3.2E-06	6.7E-08	2.9E-08	8E-05
512	490063.71, 3861150.05	0.03967	0.03874	0.03767	0.03512	0.04541	7.45E-05	3.4E-06	7E-08	5.1E-08	7.81E-05	9.14E-05	4.16E-06	6.88E-08	2.84E-08	9.56E-05	8.05E-05	3.2E-06	6.7E-08	2.9E-08	8E-05
513	489613.71, 3861200.05	0.03843	0.03738	0.03629	0.0342	0.04358	7.22E-05	3.3E-06	6.8E-08	4.9E-08	7.56E-05	8.85E-05	4.02E-06	6.70E-08	2.73E-08	9.26E-05	7.80E-05	3.1E-06	6.5E-08	2.8E-08	8E-05
514	489663.71, 3861200.05	0.03848	0.03747	0.0364	0.03427	0.04375	7.23E-05	3.3E-06	6.8E-08	4.9E-08	7.57E-05	8.86E-05	4.03E-06	6.71E-08	2.74E-08	9.27E-05	7.81E-05	3.1E-06	6.5E-08	2.8E-08	8E-05
515	489713.71, 3861200.05	0.03853	0.03756	0.0365	0.03434	0.04391	7.24E-05	3.3E-06	6.8E-08	4.9E-08	7.58E-05	8.87E-05	4.04E-06	6.73E-08	2.75E-08	9.29E-05	7.82E-05	3.1E-06	6.5E-08	2.8E-08	8E-05
516	489763.71, 3861200.05	0.03858	0.03762	0.03658	0.0344	0.04405	7.25E-05	3.3E-06	6.8E-08	4.9E-08	7.59E-05	8.88E-05	4.04E-06	6.74E-08	2.76E-08	9.30E-05	7.83E-05	3.1E-06	6.5E-08	2.8E-08	8E-05
517	489813.71, 3861200.05	0.03865	0.03769	0.03667	0.03446	0.04418	7.26E-05	3.3E-06	6.8E-08	4.9E-08	7.61E-05	8.90E-05	4.05E-06	6.75E-08	2.76E-08	9.32E-05	7.85E-05	3.1E-06	6.6E-08	2.9E-08	8E-05
518	489863.71, 3861200.05	0.03873	0.03777	0.03677	0.03453	0.0443	7.28E-05	3.3E-06	6.9E-08	4.9E-08	7.62E-05	8.92E-05	4.06E-06	6.76E-08	2.77E-08	9.33E-05	7.86E-05	3.1E-06	6.6E-08	2.9E-08	8E-05
519	489913.71, 3861200.05	0.03875	0.03779	0.0368	0.03453	0.04436	7.28E-05	3.3E-06	6.9E-08	5E-08	7.63E-05	8.92E-05	4.06E-06	6.76E-08	2.77E-08	9.34E-05	7.87E-05	3.1E-06	6.6E-08	2.9E-08	8E-05
520	489963.71, 3861200.05	0.03876	0.0378	0.03682	0.03451	0.04438	7.28E-05	3.3E-06	6.8E-08	5E-08	7.63E-05	8.93E-05	4.06E-06	6.76E-08	2.78E-08	9.34E-05	7.87E-05	3.1E-06	6.6E-08	2.9E-08	8E-05
521	490013.71, 3861200.05	0.0388	0.03786	0.03687	0.03452	0.04442	7.29E-05	3.3E-06	6.9E-08	5E-08	7.64E-05	8.93E-05	4.07E-06	6.76E-08	2.78E-08	9.35E-05	7.88E-05	3.1E-06	6.6E-08	2.9E-08	8E-05
522	490063.71, 3861200.05	0.03883	0.03791	0.03691	0.0345	0.04445	7.30E-05	3.3E-06	6.8E-08	5E-08	7.64E-05	8.94E-05	4.08E-06	6.76E-08	2.78E-08	9.36E-05	7.88E-05	3.1E-06	6.6E-08	2.9E-08	8E-05
523	489513.71, 3861250.05	0.03756	0.03631	0.03534	0.03345	0.04225	7.06E-05	3.2E-06	6.6E-08	4.7E-08	7.39E-05	8.65E-05	3.90E-06	6.55E-08	2.64E-08	9.05E-05	7.63E-05	3E-06	6.4E-08	2.7E-08	8E-05
524	489563.71, 3861250.05	0.03765	0.03651	0.03549	0.03354	0.04245	7.08E-05	3.2E-06	6.7E-08	4.7E-08	7.41E-05	8.67E-05	3.92E-06	6.57E-08	2.65E-08	9.07E-05	7.64E-05	3E-06	6.4E-08	2.7E-08	8E-05
525	489613.71, 3861250.05	0.0377	0.03666	0.03562	0.03362	0.04264	7.08E-05	3.2E-06	6.7E-08	4.8E-08	7.42E-05	8.68E-05	3.94E-06	6.59E-08	2.67E-08	9.08E-05	7.65E-05	3E-06	6.4E-08	2.8E-08	8E-05
526	489663.71, 3861250.05	0.03773	0.03675	0.0357	0.03366	0.04279	7.09E-05	3.2E-06	6.7E-08	4.8E-08	7.42E-05	8.69E-05	3.95E-06	6.59E-08	2.68E-08	9.09E-05	7.66E-05	3E-06	6.4E-08	2.8E-08	8E-05
527	489713.71, 3861250.05	0.03777	0.03683	0.0358	0.03373	0.04296	7.10E-05	3.2E-06	6.7E-08	4.8E-08	7.43E-05	8.70E-05	3.96E-06	6.61E-08	2.69E-08	9.10E-05	7.67E-05	3E-06	6.4E-08	2.8E-08	8E-05
528	489763.71, 3861250.05	0.03782	0.0369	0.03588	0.03379	0.0431	7.11E-05	3.2E-06	6.7E-08	4.8E-08	7.44E-05	8.71E-05	3.97E-06	6.62E-08	2.70E-08	9.12E-05	7.68E-05	3.1E-06	6.4E-08	2.8E-08	8E-05
529	489813.71, 3861250.05	0.03787	0.03696	0.03596	0.03385	0.04323	7.12E-05	3.2E-06	6.7E-08	4.8E-08	7.45E-05	8.72E-05	3.97E-06	6.63E-08	2.70E-08	9.13E-05	7.69E-05	3.1E-06	6.4E-08	2.8E-08	8E-05
530	489863.71, 3861250.05	0.03792	0.037	0.03603	0.03389	0.04334	7.13E-05	3.2E-06	6.7E-08	4.8E-08	7.46E-05	8.73E-05	3.98E-06	6.64E-08	2.71E-08	9.14E-05	7.70E-05	3.1E-06	6.4E-08	2.8E-08	8E-05
531	489913.71, 3861250.05	0.03798	0.03706	0.03611	0.03394	0.04343	7.14E-05	3.3E-06	6.7E-08	4.9E-08	7.47E-05	8.75E-05	3.98E-06	6.65E-08	2.72E-08	9.15E-05	7.71E-05	3.1E-06	6.5E-08	2.8E-08	8E-05
532	489963.71, 3861250.05	0.03802	0.0371	0.03616	0.03396	0.04349	7.14E-05	3.3E-06	6.7E-08	4.9E-08	7.48E-05	8.76E-05	3.99E-06	6.65E-08	2.72E-08	9.16E-05	7.72E-05	3.1E-06	6.5E-08	2.8E-08	8E-05
533	490013.71, 3861250.05	0.03805	0.03713	0.03619	0.03395	0.04353	7.15E-05	3.3E-06	6.7E-08	4.9E-08	7.49E-05	8.76E-05	3.99E-06	6.65E-08	2.72E-08	9.17E-05	7.73E-05	3.1E-06	6.5E-08	2.8E-08	8E-05
534	490063.71, 3861250.05	0.03804	0.03714	0.03619	0.03391	0.04353	7.15E-05	3.3E-06	6.7E-08	4.9E-08	7.49E-05	8.76E-05	3.99E-06	6.64E-08	2.72E-08	9.17E-05	7.72E-05	3.1E-06	6.5E-08	2.8E-08	8E-05
535	489528.13, 3861308.47	0.03671	0.03548	0.03456	0.03277	0.04122	6.90E-05	3.1E-06	6.5E-08	4.6E-08	7.22E-05	8.45E-05	3.81E-06	6.42E-08	2.58E-08	8.84E-05	7.45E-05	2.9E-06	6.2E-08	2.7E-08	8E-05
536	489578.13, 3861308.47	0.03677	0.03566	0.03469	0.03284	0.0414	6.91E-05	3.1E-06	6.5E-08	4.6E-08	7.23E-05	8.47E-05	3.83E-06	6.43E-08	2.59E-08	8.86E-05	7.47E-05	2.9E-06	6.2E-08	2.7E-08	8E-05
537	489628.13, 3861308.47	0.03682	0.0358	0.03481	0.03291	0.04157	6.92E-05	3.1E-06	6.5E-08	4.6E-08	7.24E-05	8.48E-05	3.85E-06	6.45E-08	2.60E-08	8.87E-05	7.48E-05	3E-06	6.3E-08	2.7E-08	8E-05
538	489678.13, 3861308.47	0.03688	0.03593	0.03493	0.03299	0.04175	6.93E-05	3.2E-06	6.5E-08	4.7E-08	7.26E-05	8.49E-05	3.86E-06	6.46E-08	2.61E-08	8.89E-05	7.49E-05	3E-06	6.3E-08	2.7E-08	8E-05
539	489728.13, 3861308.47	0.03693	0.03603	0.03503	0.03306	0.04192	6.94E-05	3.2E-06	6.6E-08	4.7E-08	7.27E-05	8.50E-05	3.87E-06	6.48E-08	2.62E-08	8.90E-05	7.50E-05	3E-06	6.3E-08	2.7E-08	8E-05
540	489778.13, 3861308.47	0.03696	0.03608	0.0351	0.0331	0.04205	6.95E-05	3.2E-06	6.6E-08	4.7E-08	7.27E-05	8.51E-05	3.88E-06	6.48E-08	2.63E-08	8.91E-05	7.50E-05	3E-06	6.3E-08	2.7E-08	8E-05
541	489678.13, 3861358.47	0.03616	0.03522	0.03425	0.0324	0.04085	6.80E-05	3.1E-06	6.4E-08	4.6E-08	7.12E-05	8.33E-05	3.79E-06	6.35E-08	2.55E-08	8.71E-05	7.34E-05	2.9E-06	6.2E-08	2.6E-08	8E-05
542	489728.13, 3861358.47	0.0362	0.03532	0.03435	0.03246	0.04101	6.80E-05	3.1E-06	6.4E-08	4.6E-08	7.12E-05	8.34E-05	3.80E-06	6.36E-08	2.56E-08	8.72E-05	7.35E-05	2.9E-06	6.2E-08	2.6E-08	8E-05
543	489528.13, 3861408.47	0.03528	0.03399	0.03322	0.03161	0.03947	6.63E-05	3E-06	6.3E-08	4.4E-08	6.94E-05	8.12E-05	3.65E-06	6.19E-08	2.47E-08	8.50E-05	7.16E-05	2.8E-06	6E-08	2.5E-08	7E-05
544	489578.13, 3861408.47	0.03534	0.03419	0.03335	0.03168	0.03963	6.64E-05	3E-06	6.3E-08	4.4E-08	6.95E-05	8.14E-05	3.68E-06	6.21E-08	2.48E-08	8.51E-05	7.18E-05	2.8E-06	6E-08	2.6E-08	7E-05
545	489628.13, 3861408.47	0.03546	0.03443	0.03353	0.0318	0.03984	6.66E-05	3E-06	6.3E-08	4.5E-08	6.98E-05	8.17E-05	3.70E-06	6.23E-08	2.49E-08	8.54E-05	7.20E-05	2.8E-06	6E-08	2.6E-08	7E-05
546	489678.13, 3861408.47	0.03548	0.03454	0.03362	0.03184	0.03998	6.67E-05	3E-06	6.3E-08	4.5E-08	6.98E-05	8.17E-05	3.71E-06	6.24E-08	2.50E-08	8.55E-05	7.20E-05	2.9E-06	6.1E-08	2.6E-08	7E-05
547	489728.13, 3861408.47	0.03549	0.03463	0.03369	0.03188	0.04012	6.67E-05	3E-06	6.3E-08	4.5E-08	6.98E-05	8.17E-05	3.72E-06	6.25E-08	2.51E-08	8.55E-05	7.21E-05	2.9E-06	6.1E-08	2.6E-08	8E-05
548	489528.13, 3861458.47	0.03464	0.03331	0.03261	0.0311	0.03867	6.51E-05	2.9E-06	6.2E-08	4.3E-08	6.81E-05	7.98E-05	3.58E-06	6.09E-08	2.42E-08	8.34E-05	7.03E-05	2.8E-06	5.9E-08	2.5E-08	7E-05
549	489578.13, 3861458.47	0.03471	0.03353	0.03275	0.03117	0.03882	6.52E-05	2.9E-06	6.2E-08	4.3E-08	6.83E-05	7.99E-05	3.60E-06	6.11E-08	2.43E-08	8.36E-05	7.05E-05	2.8E-06	5.9E-08	2.5E-08	7E-05
550	489628.13, 3861458.47	0.03476	0.03371	0.03287	0.03123	0.03898	6.53E-05	3E-06	6.2E-08	4.4E-08	6.84E-05	8.00E-05	3.62E-06	6.12E-08	2.44E-08	8.38E-05	7.06E-05	2.8E-06	5.9E-08	2.5E-08	7E-05
551	489678.13, 3861458.47	0.03479	0.03385	0.03297	0.03128	0.03913	6.54E-05	3E-06	6.2E-08	4.4E-08	6.85E-05	8.01E-05	3.64E-06	6.13E-08	2.45E-08	8.38E-05	7.06E-05	2.8E-06	6E-08	2.5E-08	7E-05
552	489728.13, 3861458.47	0.03478	0.03392	0.03302	0.03129	0.03924	6.54E-05	3E-06	6.2E-08	4.4E-08	6.84E-05	8.01E-05	3.65E-06	6.13E-08	2.45E-08	8.38E-05	7.06E-05	2.8E-06	6E-08	2.5E-08	7E-05
553	489528.13, 3861508.47	0.034	0.03263	0.03201	0.03058	0.03789	6.39E-05	2.9E-06	6.1E-08	4.2E-08	6.69E-05	7.83E-05	3.51E-06	5.99E-08	2.37E-08	8.19E-05	6.90E-05	2.7E-06	5.8E-08	2.4E-08	7E-05
554	489578.13, 3861508.47	0.03405	0.03283	0.03212	0.03063	0.03801	6.40E-05	2.9E-06	6.1E-08	4.2E-08	6.70E-05	7.84E-05	3.53E-06	6.00E-08	2.38E-08	8.20E-05	6.91E-05	2.7E-06	5.8E-08	2.5E-08	7E-05
555	489628.13, 3861508.47	0.03408	0.033	0.03223	0.03067	0.03815	6.40E-05	2.9E-06	6.1E-08	4.3E-08	6.70E-05	7.85E-05	3.55E-06	6.01E-08	2.39E-08	8.21E-05	6.92E-05	2.7E-06	5.8E-08	2.5E-08	7E-05
556	489678.13, 3861508.47	0.0341	0.03314	0.03231	0.03071	0.03828	6.41E-05	2.9E-06	6.1E-08	4.3E-08	6.71E-05	7.85E-05	3.56E-06	6.02E-08	2.39E-08	8.22E-05	6.92E-05	2.7E-06	5.8E-08	2.5E-08	7E-05
557	489728.13, 3861508.47	0.03412	0.03325	0.03239	0.03074	0.03841	6.41E-05	2.9E-06	6.1E-08	4.3E-08	6.71E-05	7.86E-05	3.57E-06	6.02E-08	2.40E-08	8.22E-05	6.93E-05	2.7E-06	5.8E-08	2.5E-08	7E-05
558	489628.13, 3861558.47	0.03349	0.03237	0.03166	0.03018	0.03739	6.29E-05	2.8E-06	6E-08	4.2E-08	6.59E-05	7.71E-05	3.48E-06	5.91E-08	2.34E-08	8.07E-05	6.80E-05	2.7E-06	5.7E-08	2.4E-08	7E-05
559	489678.13, 3861558.47	0.03355	0.03257	0.03179	0.03026	0.03755	6.30E-05	2.9E-06	6E-08	4.2E-08	6.60E-05	7.73E-05	3.50E-06	5.93E-08	2.35E-08	8.08E-05	6.81E-05	2.7E-06	5.8E-08	2.4E-08	7E-05
560	489728.13, 3861558.47	0.03357	0.03269	0.03187	0.0303	0.03768	6.31E-05	2.9E-06	6E-08	4.2E-08	6.61E-05	7.73E-05	3.51E-06	5.94E-08	2.36E-08	8.09E-05	6.82E-05	2.7E-06	5.8E-08	2.4E-08	7E-05
561	489357.08, 3861015.81	0.04149	0.03986	0.03871	0.03648	0.04663	7.80E-05	3.5E-06	7.2E-08	5.2E-08	8.16E-05	9.55E-05	4.29E-06	7.15E-08	2.92E-08	9.99E-05	8.42E-05	3.3E-06	6.9E-08	3E-08	9E-05
562	489407.08, 3861015.81	0.04146	0.03997	0.03877	0.03647	0.04676	7.79E-05	3.5E-06	7.2E-08	5.2E-08	8.15E-05	9.55E-05	4.30E-06	7.14E-08	2.92E-08	9.99E-05	8.42E-05	3.3E-06	6.9E-08	3E-08	9E-05
563	489457.08, 3861015.81	0.04148	0.0401	0.03887	0.03652	0.04693	7.79E-05	3.5E-06	7.2E-08	5.2E-08	8.16E-05	9.55E-05	4.31E-06	7.15E-08	2.94E-08	9.99E-05	8.42E-05	3.3E-06	6.9E-08	3E-08	9E-05
564	489357.08, 3861065.81	0.04065	0.03902	0.03795	0.03583	0.04558	7.64E-05	3.4E-06	7.1E-08	5.1E-08	7.99E-05	9.36E-05	4.19E-06	7.02E-08	2.85E-08	9.79E-05	8.25E-05	3.2E-06	6.8E-08	2.9E-08	9E-05
565	489407.08, 3861065.81	0.04062	0.03913	0.038	0.03582	0.0457	7.63E-05	3.4E-06	7.1E-08	5.1E-08	7.99E-05	9.35E-05	4.21E-06	7.02E-08	2.86E-08	9.78E-05	8.25E-05	3.2E-06	6.8E-08	3E-08	9E-05
566	489457.08, 3861065.81	0.04064	0.03928	0.0381	0.03586	0.04587	7.64E-05	3.4E-06	7.1E-08	5.1E-08	7.99E-05	9.36E-05	4.22E-06	7.02E-08	2.87E-08	9.79E-05	8.25E-05	3.2E-06	6.8E-08	3E-08	9E-05
567	489357.08, 3861115.81	0.03981	0.03815	0.03718	0.03517	0.04456	7.48E-05	3.3E-06	7E-08	5E-08	7.83E-05	9.17E-05	4.10E-06	6.89E-08	2.79E-08	9.59E-05	8.08E-05	3.2E-06	6.7E-08	2.9E-08	8E-05
568	489407.08, 3861115.81	0.03986	0.03836	0.0373	0.03523	0.04472	7.49E-05	3.4E-06	7E-08	5E-08	7.84E-05	9.18E-05	4.12E-06	6.90E-08	2.80E-08	9.60E-05	8.09E-05	3.2E-06	6.7E-08	2.9E-08	8E-05
569	489457.08, 3861115.81	0.0399	0.03853	0.03742	0.03528	0.04489	7.50E-05	3.4E-06	7E-08	5E-08	7.85E-05	9.19E-05	4.14E-06	6.91E-08	2.81E-08	9.61E-05	8.10E-05	3.2E-06	6.7E-08	2.9E-08	8E-05
570	489407.08, 3861165.81	0.03911	0.03759	0.03661	0.03464	0.04376	7.35E-05	3.3E-06	6.9E-08	4.9E-08	7.69E-05	9.01E-05	4.04E-06	6.79E-08	2.74E-08	9.42E-05	7.94E-05	3.1E-06	6.6E-08	2.8E-08	8E-05
571	489457.08, 3861165.81	0.0391	0.03773	0.03668	0.03465	0.04388	7.35E-05	3.3E-06	6.9E-08	4.9E-08	7.69E-05	9.00E-05	4.06E-06	6.79E-08	2.74E-08	9.42E-05	7.94E-05	3.1E-06	6.6E-08	2.8E-08	8E-05
572	489407.08, 3861215.81	0.03814	0.0366	0.03571	0.03387	0.04268	7.17E-05	3.2E-06	6.7E-08	4.8E-08	7.50E-05	8.78E-05	3.93E-06	6.63E-08	2.67E-08	9.19E-05	7.74E-05	3E-06	6.4E-08	2.8E-08	8E-05

573	489457.08, 3861215.81	0.03816	0.03678	0.03581	0.03391	0.04281	7.17E-05	3.2E-06	6.7E-08	4.8E-08	7.51E-05	8.79E-05	3.95E-06	6.64E-08	2.68E-08	9.19E-05	7.75E-05	3E-06	6.5E-08	2.8E-08	8E-05
574	489407.08, 3861265.81	0.0372	0.03563	0.03484	0.03312	0.04163	6.99E-05	3.1E-06	6.6E-08	4.7E-08	7.31E-05	8.57E-05	3.83E-06	6.49E-08	2.60E-08	8.96E-05	7.55E-05	2.9E-06	6.3E-08	2.7E-08	8E-05
575	489457.08, 3861265.81	0.03728	0.03586	0.03499	0.03319	0.04178	7.01E-05	3.1E-06	6.6E-08	4.7E-08	7.33E-05	8.58E-05	3.86E-06	6.50E-08	2.61E-08	8.98E-05	7.57E-05	3E-06	6.3E-08	2.7E-08	8E-05
576	489309.86, 3861110.14	0.03982	0.03801	0.03712	0.03517	0.04452	7.48E-05	3.3E-06	7E-08	5E-08	7.83E-05	9.17E-05	4.09E-06	6.89E-08	2.78E-08	9.59E-05	8.08E-05	3.1E-06	6.7E-08	2.9E-08	8E-05
577	489407.08, 3861315.81	0.03646	0.03485	0.03415	0.03253	0.04073	6.85E-05	3.1E-06	6.5E-08	4.6E-08	7.17E-05	8.40E-05	3.75E-06	6.37E-08	2.55E-08	8.78E-05	7.40E-05	2.9E-06	6.2E-08	2.6E-08	8E-05
578	489457.08, 3861315.81	0.03654	0.0351	0.0343	0.03261	0.04088	6.87E-05	3.1E-06	6.5E-08	4.6E-08	7.19E-05	8.41E-05	3.77E-06	6.39E-08	2.56E-08	8.80E-05	7.42E-05	2.9E-06	6.2E-08	2.6E-08	8E-05
579	488906.03, 3861006.75	0.04152	0.03863	0.03824	0.03642	0.04644	7.80E-05	3.4E-06	7.2E-08	5.2E-08	8.15E-05	9.56E-05	4.15E-06	7.13E-08	2.90E-08	9.99E-05	8.43E-05	3.2E-06	6.9E-08	3E-08	9E-05
580	488956.03, 3861006.75	0.04168	0.03884	0.03844	0.03659	0.04649	7.83E-05	3.4E-06	7.3E-08	5.2E-08	8.19E-05	9.60E-05	4.18E-06	7.17E-08	2.91E-08	1.00E-04	8.46E-05	3.2E-06	7E-08	3E-08	9E-05
581	488904.24, 3861051.87	0.04135	0.03856	0.03818	0.03635	0.04585	7.77E-05	3.4E-06	7.2E-08	5.1E-08	8.12E-05	9.52E-05	4.15E-06	7.12E-08	2.87E-08	9.95E-05	8.40E-05	3.2E-06	6.9E-08	3E-08	9E-05
582	488954.24, 3861051.87	0.04111	0.03832	0.03796	0.03616	0.04571	7.73E-05	3.4E-06	7.2E-08	5.1E-08	8.07E-05	9.47E-05	4.12E-06	7.08E-08	2.86E-08	9.89E-05	8.35E-05	3.2E-06	6.9E-08	3E-08	9E-05
583	489004.24, 3861051.87	0.04133	0.03862	0.03822	0.03638	0.04579	7.77E-05	3.4E-06	7.2E-08	5.1E-08	8.12E-05	9.52E-05	4.15E-06	7.13E-08	2.86E-08	9.94E-05	8.39E-05	3.2E-06	6.9E-08	3E-08	9E-05
584	488804.24, 3861101.87	0.04015	0.03754	0.03702	0.03529	0.04477	7.55E-05	3.3E-06	7E-08	5E-08	7.89E-05	9.25E-05	4.04E-06	6.91E-08	2.80E-08	9.66E-05	8.15E-05	3.1E-06	6.7E-08	2.9E-08	8E-05
585	488854.24, 3861101.87	0.04027	0.03759	0.03717	0.03544	0.04482	7.57E-05	3.3E-06	7E-08	5E-08	7.91E-05	9.27E-05	4.04E-06	6.94E-08	2.80E-08	9.69E-05	8.18E-05	3.1E-06	6.7E-08	2.9E-08	8E-05
586	488904.24, 3861101.87	0.03981	0.03709	0.03675	0.03508	0.04456	7.48E-05	3.3E-06	7E-08	5E-08	7.82E-05	9.17E-05	3.99E-06	6.87E-08	2.79E-08	9.58E-05	8.08E-05	3.1E-06	6.7E-08	2.9E-08	8E-05
587	488954.24, 3861101.87	0.03969	0.03697	0.03666	0.03501	0.04445	7.46E-05	3.2E-06	6.9E-08	5E-08	7.79E-05	9.14E-05	3.97E-06	6.86E-08	2.78E-08	9.55E-05	8.06E-05	3.1E-06	6.7E-08	2.9E-08	8E-05
588	489004.24, 3861101.87	0.03974	0.03707	0.03674	0.03507	0.04444	7.47E-05	3.3E-06	7E-08	5E-08	7.81E-05	9.15E-05	3.99E-06	6.87E-08	2.78E-08	9.56E-05	8.07E-05	3.1E-06	6.7E-08	2.9E-08	8E-05
589	488804.24, 3861151.87	0.03872	0.03624	0.03572	0.03412	0.04348	7.28E-05	3.2E-06	6.8E-08	4.9E-08	7.61E-05	8.92E-05	3.90E-06	6.68E-08	2.72E-08	9.32E-05	7.86E-05	3E-06	6.5E-08	2.8E-08	8E-05
590	488854.24, 3861151.87	0.03864	0.03607	0.03567	0.0341	0.04343	7.26E-05	3.2E-06	6.8E-08	4.9E-08	7.59E-05	8.90E-05	3.88E-06	6.68E-08	2.72E-08	9.30E-05	7.85E-05	3E-06	6.5E-08	2.8E-08	8E-05
591	489129.49, 3861187.55	0.03819	0.03579	0.03543	0.03387	0.04269	7.18E-05	3.1E-06	6.7E-08	4.8E-08	7.50E-05	8.79E-05	3.85E-06	6.63E-08	2.67E-08	9.19E-05	7.75E-05	3E-06	6.4E-08	2.8E-08	8E-05
592	489179.49, 3861187.55	0.03822	0.03595	0.0355	0.0339	0.0427	7.18E-05	3.2E-06	6.7E-08	4.8E-08	7.51E-05	8.80E-05	3.86E-06	6.64E-08	2.67E-08	9.20E-05	7.76E-05	3E-06	6.4E-08	2.8E-08	8E-05
593	488804.24, 3861201.87	0.03796	0.03561	0.03506	0.03352	0.0426	7.13E-05	3.1E-06	6.7E-08	4.8E-08	7.46E-05	8.74E-05	3.83E-06	6.57E-08	2.66E-08	9.13E-05	7.71E-05	2.9E-06	6.4E-08	2.8E-08	8E-05
594	488854.24, 3861201.87	0.03777	0.03532	0.03491	0.0334	0.04248	7.10E-05	3.1E-06	6.6E-08	4.7E-08	7.42E-05	8.70E-05	3.80E-06	6.54E-08	2.66E-08	9.09E-05	7.67E-05	2.9E-06	6.4E-08	2.7E-08	8E-05
595	489129.49, 3861237.55	0.03751	0.03512	0.03482	0.03333	0.04187	7.05E-05	3.1E-06	6.6E-08	4.7E-08	7.37E-05	8.64E-05	3.78E-06	6.53E-08	2.62E-08	9.02E-05	7.62E-05	2.9E-06	6.3E-08	2.7E-08	8E-05
596	489179.49, 3861237.55	0.03746	0.03518	0.03481	0.0333	0.04182	7.04E-05	3.1E-06	6.6E-08	4.7E-08	7.36E-05	8.63E-05	3.78E-06	6.52E-08	2.62E-08	9.01E-05	7.61E-05	2.9E-06	6.3E-08	2.7E-08	8E-05
597	488804.24, 3861251.87	0.03726	0.03504	0.03446	0.03297	0.04177	7.00E-05	3.1E-06	6.5E-08	4.7E-08	7.32E-05	8.58E-05	3.77E-06	6.46E-08	2.61E-08	8.97E-05	7.57E-05	2.9E-06	6.3E-08	2.7E-08	8E-05
598	488854.24, 3861251.87	0.03705	0.03471	0.03428	0.03283	0.04163	6.96E-05	3E-06	6.5E-08	4.7E-08	7.28E-05	8.53E-05	3.73E-06	6.43E-08	2.60E-08	8.91E-05	7.52E-05	2.9E-06	6.2E-08	2.7E-08	8E-05
599	488804.24, 3861301.87	0.03648	0.03439	0.03377	0.03235	0.04089	6.86E-05	3E-06	6.4E-08	4.6E-08	7.17E-05	8.40E-05	3.70E-06	6.34E-08	2.56E-08	8.78E-05	7.41E-05	2.8E-06	6.2E-08	2.6E-08	8E-05
600	488854.24, 3861301.87	0.03635	0.03413	0.03366	0.03227	0.04081	6.83E-05	3E-06	6.4E-08	4.6E-08	7.14E-05	8.37E-05	3.67E-06	6.32E-08	2.55E-08	8.75E-05	7.38E-05	2.8E-06	6.1E-08	2.6E-08	8E-05
601	490943.5, 3860181.97	0.06029	0.05883	0.05607	0.0494	0.06939	1.13E-04	5.2E-06	9.8E-08	7.8E-08	1.19E-04	1.39E-04	6.32E-06	9.68E-08	4.34E-08	1.45E-04	1.22E-04	4.9E-06	9.4E-08	4.5E-08	0.0001
602	490993.5, 3860181.97	0.06015	0.05854	0.05581	0.0491	0.06903	1.13E-04	5.1E-06	9.7E-08	7.7E-08	1.18E-04	1.39E-04	6.29E-06	9.62E-08	4.32E-08	1.45E-04	1.22E-04	4.8E-06	9.3E-08	4.5E-08	0.0001
603	491043.5, 3860181.97	0.06004	0.05831	0.05559	0.04883	0.06875	1.13E-04	5.1E-06	9.7E-08	7.7E-08	1.18E-04	1.38E-04	6.27E-06	9.57E-08	4.30E-08	1.45E-04	1.22E-04	4.8E-06	9.3E-08	4.4E-08	0.0001
604	491093.5, 3860181.97	0.05988	0.05803	0.05533	0.04853	0.06847	1.13E-04	5.1E-06	9.6E-08	7.7E-08	1.18E-04	1.38E-04	6.24E-06	9.51E-08	4.28E-08	1.44E-04	1.22E-04	4.8E-06	9.2E-08	4.4E-08	0.0001
605	490943.5, 3860231.97	0.05869	0.05765	0.055	0.04865	0.06797	1.10E-04	5.1E-06	9.7E-08	7.6E-08	1.16E-04	1.35E-04	6.20E-06	9.53E-08	4.25E-08	1.41E-04	1.19E-04	4.8E-06	9.3E-08	4.4E-08	0.0001
606	490993.5, 3860231.97	0.05864	0.05748	0.05485	0.04844	0.06763	1.10E-04	5E-06	9.6E-08	7.6E-08	1.15E-04	1.35E-04	6.18E-06	9.49E-08	4.23E-08	1.41E-04	1.19E-04	4.8E-06	9.2E-08	4.4E-08	0.0001
607	491043.5, 3860231.97	0.05839	0.05711	0.05451	0.04807	0.06722	1.10E-04	5E-06	9.5E-08	7.5E-08	1.15E-04	1.34E-04	6.14E-06	9.42E-08	4.20E-08	1.41E-04	1.19E-04	4.7E-06	9.1E-08	4.3E-08	0.0001
608	491093.5, 3860231.97	0.05818	0.05677	0.0542	0.04773	0.06687	1.09E-04	5E-06	9.5E-08	7.5E-08	1.14E-04	1.34E-04	6.10E-06	9.35E-08	4.18E-08	1.40E-04	1.18E-04	4.7E-06	9.1E-08	4.3E-08	0.0001
609	490943.5, 3860281.97	0.05725	0.05656	0.05402	0.04796	0.06668	1.08E-04	5E-06	9.5E-08	7.5E-08	1.13E-04	1.32E-04	6.08E-06	9.39E-08	4.17E-08	1.38E-04	1.16E-04	4.7E-06	9.1E-08	4.3E-08	0.0001
610	490993.5, 3860281.97	0.05712	0.05633	0.05381	0.0477	0.06628	1.07E-04	4.9E-06	9.5E-08	7.4E-08	1.12E-04	1.32E-04	6.06E-06	9.34E-08	4.15E-08	1.38E-04	1.16E-04	4.7E-06	9.1E-08	4.3E-08	0.0001
611	491043.5, 3860281.97	0.05689	0.05599	0.0535	0.04736	0.06584	1.07E-04	4.9E-06	9.4E-08	7.4E-08	1.12E-04	1.31E-04	6.02E-06	9.28E-08	4.12E-08	1.37E-04	1.16E-04	4.6E-06	9E-08	4.3E-08	0.0001
612	491093.5, 3860281.97	0.05667	0.05566	0.05319	0.04702	0.06546	1.06E-04	4.9E-06	9.3E-08	7.3E-08	1.12E-04	1.31E-04	5.98E-06	9.21E-08	4.09E-08	1.37E-04	1.15E-04	4.6E-06	8.9E-08	4.2E-08	0.0001
613	490943.5, 3860331.97	0.05593	0.05553	0.05308	0.04729	0.06551	1.05E-04	4.9E-06	9.4E-08	7.3E-08	1.10E-04	1.29E-04	5.97E-06	9.26E-08	4.10E-08	1.35E-04	1.14E-04	4.6E-06	9E-08	4.2E-08	0.0001
614	490993.5, 3860331.97	0.05564	0.05515	0.05274	0.04692	0.06499	1.05E-04	4.8E-06	9.3E-08	7.3E-08	1.10E-04	1.28E-04	5.93E-06	9.19E-08	4.06E-08	1.34E-04	1.13E-04	4.6E-06	8.9E-08	4.2E-08	0.0001
615	491043.5, 3860331.97	0.05539	0.05481	0.05242	0.04658	0.06452	1.04E-04	4.8E-06	9.2E-08	7.2E-08	1.09E-04	1.28E-04	5.89E-06	9.12E-08	4.04E-08	1.34E-04	1.12E-04	4.5E-06	8.9E-08	4.2E-08	0.0001
616	491093.5, 3860331.97	0.05517	0.0545	0.05213	0.04626	0.0641	1.04E-04	4.8E-06	9.2E-08	7.2E-08	1.09E-04	1.27E-04	5.86E-06	9.06E-08	4.01E-08	1.33E-04	1.12E-04	4.5E-06	8.8E-08	4.1E-08	0.0001
617	490086.72, 3859935.12	0.0753	0.07252	0.06851	0.06026	0.08738	1.42E-04	6.4E-06	1.2E-07	9.8E-08	1.48E-04	1.73E-04	7.80E-06	1.18E-07	5.47E-08	1.81E-04	1.53E-04	6E-06	1.1E-07	5.6E-08	0.0002
618	490136.72, 3859935.12	0.07477	0.07214	0.06814	0.05994	0.08689	1.41E-04	6.3E-06	1.2E-07	9.7E-08	1.47E-04	1.72E-04	7.76E-06	1.17E-07	5.43E-08	1.80E-04	1.52E-04	6E-06	1.1E-07	5.6E-08	0.0002
619	490186.72, 3859935.12	0.07424	0.07174	0.06775	0.0596	0.08629	1.40E-04	6.3E-06	1.2E-07	9.6E-08	1.46E-04	1.71E-04	7.71E-06	1.17E-07	5.40E-08	1.79E-04	1.51E-04	5.9E-06	1.1E-07	5.6E-08	0.0002
620	490236.72, 3859935.12	0.07374	0.0713	0.06734	0.05921	0.08561	1.39E-04	6.3E-06	1.2E-07	9.6E-08	1.45E-04	1.70E-04	7.66E-06	1.16E-07	5.35E-08	1.78E-04	1.50E-04	5.9E-06	1.1E-07	5.5E-08	0.0002
621	490286.72, 3859935.12	0.07323	0.07079	0.06687	0.05877	0.08487	1.38E-04	6.2E-06	1.2E-07	9.5E-08	1.44E-04	1.69E-04	7.61E-06	1.15E-07	5.31E-08	1.76E-04	1.49E-04	5.9E-06	1.1E-07	5.5E-08	0.0002
622	490336.72, 3859935.12	0.07276	0.07026	0.06639	0.0583	0.08411	1.37E-04	6.2E-06	1.2E-07	9.4E-08	1.43E-04	1.68E-04	7.55E-06	1.14E-07	5.26E-08	1.75E-04	1.48E-04	5.8E-06	1.1E-07	5.4E-08	0.0002
623	490386.72, 3859935.12	0.0724	0.06979	0.06596	0.05787	0.08337	1.36E-04	6.1E-06	1.1E-07	9.3E-08	1.42E-04	1.67E-04	7.50E-06	1.13E-07	5.21E-08	1.74E-04	1.47E-04	5.8E-06	1.1E-07	5.4E-08	0.0002
624	490436.72, 3859935.12	0.07206	0.0693	0.06551	0.05741	0.08264	1.35E-04	6.1E-06	1.1E-07	9.2E-08	1.42E-04	1.66E-04	7.45E-06	1.12E-07	5.17E-08	1.74E-04	1.46E-04	5.7E-06	1.1E-07	5.3E-08	0.0002
625	490486.72, 3859935.12	0.07181	0.06887	0.06513	0.05699	0.08198	1.35E-04	6E-06	1.1E-07	9.2E-08	1.41E-04	1.65E-04	7.40E-06	1.12E-07	5.13E-08	1.73E-04	1.46E-04	5.7E-06	1.1E-07	5.3E-08	0.0002
626	490536.72, 3859935.12	0.07181	0.0687	0.06497	0.05674	0.08146	1.35E-04	6E-06	1.1E-07	9.1E-08	1.41E-04	1.65E-04	7.39E-06	1.11E-07	5.09E-08	1.73E-04	1.46E-04	5.7E-06	1.1E-07	5.3E-08	0.0002
627	490586.72, 3859935.12	0.0719	0.06861	0.06491	0.05656	0.08101	1.35E-04	6E-06	1.1E-07	9.1E-08	1.41E-04	1.66E-04	7.38E-06	1.11E-07	5.07E-08	1.73E-04	1.46E-04	5.7E-06	1.1E-07	5.2E-08	0.0002
628	490636.72, 3859935.12	0.07186	0.06838	0.0647	0.05627	0.08058	1.35E-04	6E-06	1.1E-07	9E-08	1.41E-04	1.65E-04	7.35E-06	1.10E-07	5.04E-08	1.73E-04	1.46E-04	5.7E-06	1.1E-07	5.2E-08	0.0002
629	490686.72, 3859935.12	0.0721	0.06849	0.06481	0.05621	0.08029	1.35E-04	6E-06	1.1E-07	9E-08	1.42E-04	1.66E-04	7.36E-06	1.10E-07	5.02E-08	1.74E-04	1.46E-04	5.7E-06	1.1E-07	5.2E-08	0.0002
630	490736.72, 3859935.12	0.0722	0.06846	0.06479	0.05606	0.08003	1.36E-04	6E-06	1.1E-07	8.9E-08	1.42E-04	1.66E-04	7.36E-06	1.10E-07	5.01E-08	1.74E-04	1.47E-04	5.7E-06	1.1E-07	5.2E-08	0.0002
631	490086.72, 3859985.12	0.07335	0.07083	0.06704	0.05909	0.08519	1.38E-04	6.2E-06	1.2E-07	9.5E-08	1.44E-04	1.69E-04	7.61E-06	1.16E-07	5.33E-08	1.77E-04	1.49E-04	5.9E-06	1.1E-07	5.5E-08	0.0002
632	490136.72, 3859985.12	0.07284	0.0705	0.06671	0.05882	0.08484	1.37E-04	6.2E-06	1.2E-07	9.5E-08	1.43E-04	1.68E-04	7.58E-06	1.15E-07	5.31E-08	1.75E-04	1.48E-04	5.8E-06	1.1E-07	5.5E-08	0.0002
633	490186.72, 3859985.12	0.07238	0.0702	0.06641	0.05856	0.08439	1.36E-04	6.2E-06	1.2E-07	9.4E-08	1.42E-04	1.67E-04	7.55E-06	1.15E-07	5.28E-08	1.74E-04	1.47E-04	5.8E-06	1.1E-07	5.5E-08	0.0002
634	490236.72, 3859985.12	0.07195	0.0699	0.06612	0.05829	0.08385	1.35E-04	6.1E-06	1.2E-07	9.4E-08	1.42E-04	1.66E-04	7.51E-06	1.14E-07	5.24E-08	1.73E-04	1.46E-04	5.8E-06	1.1E-07	5.4E-08	0.0002
635	490286.72, 3859985.12	0.07143	0.06944	0.06569	0.0579	0.0832	1.34E-04	6.1E-06	1.1E-07	9.3E-08	1.41E-04	1.64E-04	7.46E-06	1.13E-07	5.20E-08	1.72E-04	1.45E-04	5.7E-06	1.1E-07	5.4E-08	0.0002
636	490336.72, 3859985.12	0.07093	0.06895	0.06523	0.05746	0.08249	1.33E-04	6E-06	1.1E-07	9.2E-08	1.40E-04	1.63E-04	7.41E-06	1.13E-07	5.16E-08	1.71E-04	1.44E-04	5.7E-06	1.1E-07	5.3E-08	0.0001

637	490386.72, 3859985.12	0.07039	0.06835	0.06468	0.05695	0.08173	1.32E-04	6E-06	1.1E-07	9.1E-08	1.38E-04	1.62E-04	7.35E-06	1.12E-07	5.11E-08	1.70E-04	1.43E-04	5.7E-06	1.1E-07	5.3E-08	0.0001
638	490436.72, 3859985.12	0.06997	0.06785	0.06422	0.05649	0.08099	1.31E-04	6E-06	1.1E-07	9E-08	1.38E-04	1.61E-04	7.29E-06	1.11E-07	5.07E-08	1.69E-04	1.42E-04	5.6E-06	1.1E-07	5.2E-08	0.0001
639	490486.72, 3859985.12	0.06965	0.0674	0.06381	0.05607	0.0803	1.31E-04	5.9E-06	1.1E-07	9E-08	1.37E-04	1.60E-04	7.25E-06	1.10E-07	5.02E-08	1.68E-04	1.41E-04	5.6E-06	1.1E-07	5.2E-08	0.0001
640	490536.72, 3859985.12	0.06947	0.06708	0.06352	0.05573	0.07968	1.31E-04	5.9E-06	1.1E-07	8.9E-08	1.37E-04	1.60E-04	7.21E-06	1.09E-07	4.98E-08	1.67E-04	1.41E-04	5.5E-06	1.1E-07	5.1E-08	0.0001
641	490586.72, 3859985.12	0.06941	0.06686	0.06333	0.05546	0.07915	1.30E-04	5.9E-06	1.1E-07	8.8E-08	1.36E-04	1.60E-04	7.19E-06	1.09E-07	4.95E-08	1.67E-04	1.41E-04	5.5E-06	1.1E-07	5.1E-08	0.0001
642	490636.72, 3859985.12	0.06944	0.06674	0.06323	0.05526	0.07869	1.30E-04	5.9E-06	1.1E-07	8.8E-08	1.37E-04	1.60E-04	7.17E-06	1.08E-07	4.92E-08	1.67E-04	1.41E-04	5.5E-06	1.1E-07	5.1E-08	0.0001
643	490686.72, 3859985.12	0.06965	0.06682	0.06332	0.0552	0.07833	1.31E-04	5.9E-06	1.1E-07	8.8E-08	1.37E-04	1.60E-04	7.18E-06	1.08E-07	4.90E-08	1.68E-04	1.41E-04	5.5E-06	1.1E-07	5.1E-08	0.0001
644	490736.72, 3859985.12	0.06959	0.06658	0.06309	0.0549	0.07796	1.31E-04	5.8E-06	1.1E-07	8.7E-08	1.37E-04	1.60E-04	7.16E-06	1.08E-07	4.88E-08	1.68E-04	1.41E-04	5.5E-06	1E-07	5E-08	0.0001
645	490786.72, 3859985.12	0.06955	0.06636	0.0629	0.05462	0.07766	1.31E-04	5.8E-06	1.1E-07	8.7E-08	1.37E-04	1.60E-04	7.13E-06	1.07E-07	4.86E-08	1.67E-04	1.41E-04	5.5E-06	1E-07	5E-08	0.0001
646	490086.72, 3860035.12	0.07144	0.06913	0.06555	0.0579	0.08294	1.34E-04	6.1E-06	1.1E-07	9.3E-08	1.41E-04	1.65E-04	7.43E-06	1.13E-07	5.19E-08	1.72E-04	1.45E-04	5.7E-06	1.1E-07	5.4E-08	0.0002
647	490136.72, 3860035.12	0.07102	0.06889	0.0653	0.0577	0.08275	1.33E-04	6E-06	1.1E-07	9.2E-08	1.40E-04	1.64E-04	7.41E-06	1.13E-07	5.18E-08	1.71E-04	1.44E-04	5.7E-06	1.1E-07	5.3E-08	0.0002
648	490186.72, 3860035.12	0.07058	0.06862	0.06503	0.05747	0.08244	1.33E-04	6E-06	1.1E-07	9.2E-08	1.39E-04	1.63E-04	7.38E-06	1.13E-07	5.16E-08	1.70E-04	1.43E-04	5.7E-06	1.1E-07	5.3E-08	0.0001
649	490236.72, 3860035.12	0.07012	0.06831	0.06472	0.05721	0.08201	1.32E-04	6E-06	1.1E-07	9.2E-08	1.38E-04	1.61E-04	7.34E-06	1.12E-07	5.13E-08	1.69E-04	1.42E-04	5.6E-06	1.1E-07	5.3E-08	0.0001
650	490286.72, 3860035.12	0.06961	0.06791	0.06433	0.05686	0.08147	1.31E-04	6E-06	1.1E-07	9.1E-08	1.37E-04	1.60E-04	7.30E-06	1.11E-07	5.10E-08	1.68E-04	1.41E-04	5.6E-06	1.1E-07	5.3E-08	0.0001
651	490336.72, 3860035.12	0.06919	0.06757	0.06401	0.05656	0.08088	1.30E-04	5.9E-06	1.1E-07	9E-08	1.36E-04	1.59E-04	7.26E-06	1.11E-07	5.06E-08	1.67E-04	1.40E-04	5.6E-06	1.1E-07	5.2E-08	0.0001
652	490386.72, 3860035.12	0.06863	0.06701	0.06349	0.05609	0.08017	1.29E-04	5.9E-06	1.1E-07	9E-08	1.35E-04	1.58E-04	7.20E-06	1.10E-07	5.01E-08	1.65E-04	1.39E-04	5.5E-06	1.1E-07	5.2E-08	0.0001
653	490436.72, 3860035.12	0.06815	0.0665	0.06302	0.05564	0.07945	1.28E-04	5.8E-06	1.1E-07	8.9E-08	1.34E-04	1.57E-04	7.15E-06	1.09E-07	4.97E-08	1.64E-04	1.38E-04	5.5E-06	1.1E-07	5.1E-08	0.0001
654	490486.72, 3860035.12	0.06775	0.06603	0.06259	0.05521	0.07874	1.27E-04	5.8E-06	1.1E-07	8.8E-08	1.33E-04	1.56E-04	7.10E-06	1.08E-07	4.92E-08	1.63E-04	1.38E-04	5.5E-06	1.1E-07	5.1E-08	0.0001
655	490536.72, 3860035.12	0.06747	0.06567	0.06226	0.05485	0.07809	1.27E-04	5.8E-06	1.1E-07	8.7E-08	1.33E-04	1.55E-04	7.06E-06	1.07E-07	4.88E-08	1.63E-04	1.37E-04	5.4E-06	1E-07	5E-08	0.0001
656	490586.72, 3860035.12	0.06724	0.06532	0.06194	0.05449	0.07747	1.26E-04	5.7E-06	1.1E-07	8.7E-08	1.32E-04	1.55E-04	7.02E-06	1.07E-07	4.85E-08	1.62E-04	1.37E-04	5.4E-06	1E-07	5E-08	0.0001
657	490636.72, 3860035.12	0.06698	0.06489	0.06156	0.05408	0.07687	1.26E-04	5.7E-06	1.1E-07	8.6E-08	1.32E-04	1.54E-04	6.98E-06	1.06E-07	4.81E-08	1.61E-04	1.36E-04	5.4E-06	1E-07	5E-08	0.0001
658	490686.72, 3860035.12	0.06696	0.06472	0.06141	0.05384	0.07642	1.26E-04	5.7E-06	1.1E-07	8.5E-08	1.32E-04	1.54E-04	6.96E-06	1.05E-07	4.78E-08	1.61E-04	1.36E-04	5.4E-06	1E-07	4.9E-08	0.0001
659	490736.72, 3860035.12	0.06718	0.06483	0.06151	0.0538	0.07608	1.26E-04	5.7E-06	1.1E-07	8.5E-08	1.32E-04	1.55E-04	6.97E-06	1.05E-07	4.76E-08	1.62E-04	1.36E-04	5.4E-06	1E-07	4.9E-08	0.0001
660	490786.72, 3860035.12	0.0671	0.06457	0.06128	0.0535	0.0757	1.26E-04	5.7E-06	1.1E-07	8.5E-08	1.32E-04	1.55E-04	6.94E-06	1.05E-07	4.73E-08	1.62E-04	1.36E-04	5.3E-06	1E-07	4.9E-08	0.0001
661	490836.72, 3860035.12	0.06701	0.06432	0.06105	0.05321	0.07539	1.26E-04	5.6E-06	1.1E-07	8.4E-08	1.32E-04	1.54E-04	6.91E-06	1.04E-07	4.72E-08	1.61E-04	1.36E-04	5.3E-06	1E-07	4.9E-08	0.0001
662	490086.72, 3860085.12	0.06981	0.06772	0.06433	0.05691	0.08071	1.31E-04	5.9E-06	1.1E-07	9E-08	1.37E-04	1.61E-04	7.28E-06	1.11E-07	5.05E-08	1.68E-04	1.42E-04	5.6E-06	1.1E-07	5.2E-08	0.0001
663	490136.72, 3860085.12	0.06922	0.06726	0.06388	0.05655	0.08059	1.30E-04	5.9E-06	1.1E-07	9E-08	1.36E-04	1.59E-04	7.23E-06	1.11E-07	5.04E-08	1.67E-04	1.41E-04	5.6E-06	1.1E-07	5.2E-08	0.0001
664	490186.72, 3860085.12	0.06893	0.06716	0.06375	0.05645	0.08045	1.30E-04	5.9E-06	1.1E-07	9E-08	1.36E-04	1.59E-04	7.22E-06	1.11E-07	5.03E-08	1.66E-04	1.40E-04	5.6E-06	1.1E-07	5.2E-08	0.0001
665	490236.72, 3860085.12	0.06848	0.06687	0.06346	0.05621	0.08016	1.29E-04	5.9E-06	1.1E-07	9E-08	1.35E-04	1.58E-04	7.19E-06	1.10E-07	5.01E-08	1.65E-04	1.39E-04	5.5E-06	1.1E-07	5.2E-08	0.0001
666	490286.72, 3860085.12	0.06801	0.06653	0.06313	0.05592	0.07975	1.28E-04	5.8E-06	1.1E-07	8.9E-08	1.34E-04	1.57E-04	7.15E-06	1.10E-07	4.99E-08	1.64E-04	1.38E-04	5.5E-06	1.1E-07	5.2E-08	0.0001
667	490336.72, 3860085.12	0.06749	0.06611	0.06272	0.05557	0.07922	1.27E-04	5.8E-06	1.1E-07	8.9E-08	1.33E-04	1.55E-04	7.11E-06	1.09E-07	4.95E-08	1.63E-04	1.37E-04	5.5E-06	1.1E-07	5.1E-08	0.0001
668	490386.72, 3860085.12	0.06699	0.06567	0.0623	0.05519	0.07862	1.26E-04	5.8E-06	1.1E-07	8.8E-08	1.32E-04	1.54E-04	7.06E-06	1.08E-07	4.92E-08	1.61E-04	1.36E-04	5.4E-06	1E-07	5.1E-08	0.0001
669	490436.72, 3860085.12	0.0665	0.0652	0.06187	0.05478	0.07796	1.25E-04	5.7E-06	1.1E-07	8.7E-08	1.31E-04	1.53E-04	7.01E-06	1.07E-07	4.88E-08	1.60E-04	1.35E-04	5.4E-06	1E-07	5E-08	0.0001
670	490486.72, 3860085.12	0.06602	0.0647	0.0614	0.05434	0.07726	1.24E-04	5.7E-06	1.1E-07	8.6E-08	1.30E-04	1.52E-04	6.96E-06	1.06E-07	4.83E-08	1.59E-04	1.34E-04	5.4E-06	1E-07	5E-08	0.0001
671	490536.72, 3860085.12	0.06567	0.06431	0.06104	0.05397	0.0766	1.23E-04	5.6E-06	1.1E-07	8.6E-08	1.29E-04	1.51E-04	6.91E-06	1.06E-07	4.79E-08	1.58E-04	1.33E-04	5.3E-06	1E-07	4.9E-08	0.0001
672	490586.72, 3860085.12	0.06537	0.06393	0.0607	0.05361	0.07596	1.23E-04	5.6E-06	1.1E-07	8.5E-08	1.29E-04	1.51E-04	6.87E-06	1.05E-07	4.75E-08	1.58E-04	1.33E-04	5.3E-06	1E-07	4.9E-08	0.0001
673	490636.72, 3860085.12	0.06506	0.06351	0.06032	0.0532	0.07533	1.22E-04	5.6E-06	1.1E-07	8.4E-08	1.28E-04	1.50E-04	6.83E-06	1.04E-07	4.71E-08	1.57E-04	1.32E-04	5.3E-06	1E-07	4.9E-08	0.0001
674	490686.72, 3860085.12	0.0649	0.06323	0.06006	0.0529	0.07479	1.22E-04	5.5E-06	1E-07	8.4E-08	1.28E-04	1.49E-04	6.80E-06	1.04E-07	4.68E-08	1.56E-04	1.32E-04	5.2E-06	1E-07	4.8E-08	0.0001
675	490736.72, 3860085.12	0.06485	0.06305	0.0599	0.05266	0.07433	1.22E-04	5.5E-06	1E-07	8.3E-08	1.28E-04	1.49E-04	6.78E-06	1.03E-07	4.65E-08	1.56E-04	1.32E-04	5.2E-06	1E-07	4.8E-08	0.0001
676	490786.72, 3860085.12	0.06484	0.0629	0.05977	0.05244	0.07393	1.22E-04	5.5E-06	1E-07	8.3E-08	1.28E-04	1.49E-04	6.76E-06	1.03E-07	4.62E-08	1.56E-04	1.32E-04	5.2E-06	1E-07	4.8E-08	0.0001
677	490836.72, 3860085.12	0.06471	0.0626	0.0595	0.05212	0.07353	1.22E-04	5.5E-06	1E-07	8.2E-08	1.27E-04	1.49E-04	6.73E-06	1.02E-07	4.60E-08	1.56E-04	1.31E-04	5.2E-06	9.9E-08	4.7E-08	0.0001
678	490086.72, 3860135.12	0.06756	0.06554	0.06239	0.05534	0.07826	1.27E-04	5.7E-06	1.1E-07	8.7E-08	1.33E-04	1.56E-04	7.05E-06	1.08E-07	4.89E-08	1.63E-04	1.37E-04	5.4E-06	1.1E-07	5.1E-08	0.0001
679	490136.72, 3860135.12	0.06739	0.06555	0.06237	0.05533	0.07836	1.27E-04	5.8E-06	1.1E-07	8.8E-08	1.33E-04	1.55E-04	7.05E-06	1.08E-07	4.90E-08	1.62E-04	1.37E-04	5.4E-06	1.1E-07	5.1E-08	0.0001
680	490186.72, 3860135.12	0.06716	0.06551	0.06231	0.05528	0.07836	1.26E-04	5.7E-06	1.1E-07	8.8E-08	1.32E-04	1.55E-04	7.04E-06	1.08E-07	4.90E-08	1.62E-04	1.36E-04	5.4E-06	1.1E-07	5.1E-08	0.0001
681	490236.72, 3860135.12	0.06678	0.06529	0.06207	0.05509	0.0782	1.25E-04	5.7E-06	1.1E-07	8.7E-08	1.31E-04	1.54E-04	7.02E-06	1.08E-07	4.89E-08	1.61E-04	1.36E-04	5.4E-06	1E-07	5.1E-08	0.0001
682	490286.72, 3860135.12	0.06639	0.06505	0.06183	0.05488	0.07794	1.25E-04	5.7E-06	1.1E-07	8.7E-08	1.31E-04	1.53E-04	6.99E-06	1.08E-07	4.87E-08	1.60E-04	1.35E-04	5.4E-06	1E-07	5E-08	0.0001
683	490336.72, 3860135.12	0.06595	0.06474	0.06152	0.05462	0.07756	1.24E-04	5.7E-06	1.1E-07	8.7E-08	1.30E-04	1.52E-04	6.96E-06	1.07E-07	4.85E-08	1.59E-04	1.34E-04	5.4E-06	1E-07	5E-08	0.0001
684	490386.72, 3860135.12	0.06546	0.06435	0.06114	0.05429	0.07706	1.23E-04	5.6E-06	1.1E-07	8.6E-08	1.29E-04	1.51E-04	6.92E-06	1.06E-07	4.82E-08	1.58E-04	1.33E-04	5.3E-06	1E-07	5E-08	0.0001
685	490436.72, 3860135.12	0.06494	0.06389	0.0607	0.05389	0.07647	1.22E-04	5.6E-06	1.1E-07	8.5E-08	1.28E-04	1.50E-04	6.87E-06	1.06E-07	4.78E-08	1.57E-04	1.32E-04	5.3E-06	1E-07	4.9E-08	0.0001
686	490486.72, 3860135.12	0.06447	0.06345	0.06029	0.05351	0.07584	1.21E-04	5.6E-06	1.1E-07	8.5E-08	1.27E-04	1.48E-04	6.82E-06	1.05E-07	4.74E-08	1.55E-04	1.31E-04	5.2E-06	1E-07	4.9E-08	0.0001
687	490536.72, 3860135.12	0.0641	0.06308	0.05994	0.05317	0.07522	1.20E-04	5.5E-06	1.1E-07	8.4E-08	1.26E-04	1.48E-04	6.78E-06	1.04E-07	4.70E-08	1.55E-04	1.30E-04	5.2E-06	1E-07	4.9E-08	0.0001
688	490586.72, 3860135.12	0.06372	0.06267	0.05956	0.05278	0.07456	1.20E-04	5.5E-06	1E-07	8.3E-08	1.25E-04	1.47E-04	6.74E-06	1.03E-07	4.66E-08	1.54E-04	1.29E-04	5.2E-06	1E-07	4.8E-08	0.0001
689	490636.72, 3860135.12	0.06337	0.06225	0.05918	0.05239	0.07392	1.19E-04	5.5E-06	1E-07	8.3E-08	1.25E-04	1.46E-04	6.69E-06	1.03E-07	4.62E-08	1.53E-04	1.29E-04	5.1E-06	1E-07	4.8E-08	0.0001
690	490686.72, 3860135.12	0.06306	0.06185	0.05881	0.052	0.0733	1.19E-04	5.4E-06	1E-07	8.2E-08	1.24E-04	1.45E-04	6.65E-06	1.02E-07	4.58E-08	1.52E-04	1.28E-04	5.1E-06	9.9E-08	4.7E-08	0.0001
691	490736.72, 3860135.12	0.06285	0.06152	0.05852	0.05167	0.07275	1.18E-04	5.4E-06	1E-07	8.1E-08	1.24E-04	1.45E-04	6.61E-06	1.01E-07	4.55E-08	1.51E-04	1.28E-04	5.1E-06	9.8E-08	4.7E-08	0.0001
692	490786.72, 3860135.12	0.06278	0.06133	0.05835	0.05143	0.0723	1.18E-04	5.4E-06	1E-07	8.1E-08	1.24E-04	1.45E-04	6.59E-06	1.01E-07	4.52E-08	1.51E-04	1.27E-04	5.1E-06	9.8E-08	4.7E-08	0.0001
693	490836.72, 3860135.12	0.06259	0.061	0.05805	0.05109	0.07183	1.18E-04	5.4E-06	1E-07	8E-08	1.23E-04	1.44E-04	6.56E-06	1.00E-07	4.49E-08	1.51E-04	1.27E-04	5E-06	9.7E-08	4.6E-08	0.0001
694	490086.72, 3860185.12	0.06561	0.0637	0.06075	0.054	0.07589	1.23E-04	5.6E-06	1.1E-07	8.5E-08	1.29E-04	1.51E-04	6.85E-06	1.06E-07	4.75E-08	1.58E-04	1.33E-04	5.3E-06	1E-07	4.9E-08	0.0001
695	490136.72, 3860185.12	0.06558	0.06385	0.06087	0.0541	0.07612	1.23E-04	5.6E-06	1.1E-07	8.5E-08	1.29E-04	1.51E-04	6.86E-06	1.06E-07	4.76E-08	1.58E-04	1.33E-04	5.3E-06	1E-07	4.9E-08	0.0001
696	490186.72, 3860185.12	0.06543	0.06388	0.06087	0.0541	0.07623	1.23E-04	5.6E-06	1.1E-07	8.5E-08	1.29E-04	1.51E-04	6.87E-06	1.06E-07	4.77E-08	1.58E-04	1.33E-04	5.3E-06	1E-07	4.9E-08	0.0001
697	490236.72, 3860185.12	0.06513	0.06374	0.06071	0.05398	0.0762	1.22E-04	5.6E-06	1.1E-07	8.5E-08	1.28E-04	1.50E-04	6.85E-06	1.06E-07	4.77E-08	1.57E-04	1.32E-04	5.3E-06	1E-07	4.9E-08	0.0001
698	490286.72, 3860185.12	0.06479	0.06355	0.06051	0.05382	0.07606	1.22E-04	5.6E-06	1.1E-07	8.5E-08	1.28E-04	1.49E-04	6.83E-06	1.05E-07	4.76E-08	1.56E-04	1.32E-04	5.3E-06	1E-07	4.9E-08	0.0001
699	490336.72, 3860185.12	0.06439	0.06329	0.06025	0.0536	0.07581	1.21E-04	5.6E-06	1.1E-07	8.5E-08	1.27E-04	1.48E-04	6.80E-06	1.05E-07	4.74E-08	1.55E-04	1.31E-04	5.2E-06	1E-07	4.9E-08	0.0001
700	490386.72, 3860185.12	0.06396	0.06298	0.05994	0.05334	0.07544	1.20E-04	5.5E-06	1.1E-07	8.4E-08	1.26E-04	1.47E-04	6.77E-06	1.04E-07	4.72E-08	1.54E-04	1.30E-04	5.2E-06	1E-07	4.9E-08	0.0001

701	490436.72, 3860185.12	0.06351	0.06263	0.05959	0.05303	0.07498	1.19E-04	5.5E-06	1.1E-07	8.4E-08	1.25E-04	1.46E-04	6.73E-06	1.04E-07	4.69E-08	1.53E-04	1.29E-04	5.2E-06	1E-07	4.8E-08	0.0001
702	490486.72, 3860185.12	0.06304	0.06222	0.0592	0.05268	0.07443	1.18E-04	5.5E-06	1E-07	8.3E-08	1.24E-04	1.45E-04	6.69E-06	1.03E-07	4.66E-08	1.52E-04	1.28E-04	5.1E-06	1E-07	4.8E-08	0.0001
703	490536.72, 3860185.12	0.06263	0.06184	0.05884	0.05234	0.07385	1.18E-04	5.4E-06	1E-07	8.3E-08	1.23E-04	1.44E-04	6.65E-06	1.03E-07	4.62E-08	1.51E-04	1.27E-04	5.1E-06	1E-07	4.8E-08	0.0001
704	490586.72, 3860185.12	0.06228	0.06151	0.05853	0.05202	0.07325	1.17E-04	5.4E-06	1E-07	8.2E-08	1.23E-04	1.43E-04	6.61E-06	1.02E-07	4.58E-08	1.50E-04	1.26E-04	5.1E-06	9.9E-08	4.7E-08	0.0001
705	490636.72, 3860185.12	0.06185	0.06105	0.05811	0.05161	0.0726	1.16E-04	5.4E-06	1E-07	8.1E-08	1.22E-04	1.42E-04	6.56E-06	1.01E-07	4.54E-08	1.49E-04	1.26E-04	5E-06	9.8E-08	4.7E-08	0.0001
706	490686.72, 3860185.12	0.06154	0.06068	0.05777	0.05126	0.07199	1.16E-04	5.3E-06	1E-07	8E-08	1.21E-04	1.42E-04	6.52E-06	1.00E-07	4.50E-08	1.48E-04	1.25E-04	5E-06	9.8E-08	4.7E-08	0.0001
707	490736.72, 3860185.12	0.06117	0.06023	0.05735	0.05084	0.07136	1.15E-04	5.3E-06	1E-07	8E-08	1.20E-04	1.41E-04	6.47E-06	9.96E-08	4.46E-08	1.47E-04	1.24E-04	5E-06	9.7E-08	4.6E-08	0.0001
708	490786.72, 3860185.12	0.06095	0.05991	0.05706	0.05051	0.07081	1.15E-04	5.3E-06	1E-07	7.9E-08	1.20E-04	1.40E-04	6.44E-06	9.89E-08	4.43E-08	1.47E-04	1.24E-04	5E-06	9.6E-08	4.6E-08	0.0001
709	490836.72, 3860185.12	0.06075	0.05961	0.05678	0.05019	0.07032	1.14E-04	5.2E-06	1E-07	7.9E-08	1.20E-04	1.40E-04	6.41E-06	9.83E-08	4.40E-08	1.46E-04	1.23E-04	4.9E-06	9.5E-08	4.5E-08	0.0001
710	490086.72, 3860235.12	0.06379	0.062	0.05923	0.05274	0.07359	1.20E-04	5.4E-06	1E-07	8.2E-08	1.26E-04	1.47E-04	6.67E-06	1.03E-07	4.60E-08	1.54E-04	1.30E-04	5.1E-06	1E-07	4.8E-08	0.0001
711	490136.72, 3860235.12	0.06377	0.06213	0.05934	0.05283	0.07385	1.20E-04	5.5E-06	1E-07	8.3E-08	1.25E-04	1.47E-04	6.68E-06	1.03E-07	4.62E-08	1.54E-04	1.29E-04	5.1E-06	1E-07	4.8E-08	0.0001
712	490186.72, 3860235.12	0.06369	0.06222	0.05939	0.05289	0.07406	1.20E-04	5.5E-06	1E-07	8.3E-08	1.25E-04	1.47E-04	6.69E-06	1.04E-07	4.63E-08	1.54E-04	1.29E-04	5.1E-06	1E-07	4.8E-08	0.0001
713	490236.72, 3860235.12	0.0635	0.06218	0.05933	0.05285	0.07415	1.19E-04	5.5E-06	1E-07	8.3E-08	1.25E-04	1.46E-04	6.68E-06	1.04E-07	4.64E-08	1.53E-04	1.29E-04	5.1E-06	1E-07	4.8E-08	0.0001
714	490286.72, 3860235.12	0.06323	0.06206	0.0592	0.05274	0.07414	1.19E-04	5.4E-06	1E-07	8.3E-08	1.24E-04	1.46E-04	6.67E-06	1.03E-07	4.64E-08	1.52E-04	1.28E-04	5.1E-06	1E-07	4.8E-08	0.0001
715	490336.72, 3860235.12	0.06291	0.06189	0.05901	0.05259	0.07402	1.18E-04	5.4E-06	1E-07	8.3E-08	1.24E-04	1.45E-04	6.65E-06	1.03E-07	4.63E-08	1.52E-04	1.28E-04	5.1E-06	1E-07	4.8E-08	0.0001
716	490386.72, 3860235.12	0.06254	0.06166	0.05877	0.05239	0.07378	1.18E-04	5.4E-06	1E-07	8.2E-08	1.23E-04	1.44E-04	6.63E-06	1.03E-07	4.61E-08	1.51E-04	1.27E-04	5.1E-06	1E-07	4.8E-08	0.0001
717	490436.72, 3860235.12	0.06215	0.06138	0.0585	0.05216	0.07345	1.17E-04	5.4E-06	1E-07	8.2E-08	1.22E-04	1.43E-04	6.60E-06	1.02E-07	4.59E-08	1.50E-04	1.26E-04	5.1E-06	9.9E-08	4.7E-08	0.0001
718	490486.72, 3860235.12	0.06171	0.06103	0.05815	0.05185	0.07301	1.16E-04	5.4E-06	1E-07	8.2E-08	1.22E-04	1.42E-04	6.56E-06	1.02E-07	4.57E-08	1.49E-04	1.25E-04	5E-06	9.9E-08	4.7E-08	0.0001
719	490536.72, 3860235.12	0.06129	0.06068	0.05782	0.05155	0.0725	1.15E-04	5.3E-06	1E-07	8.1E-08	1.21E-04	1.41E-04	6.52E-06	1.01E-07	4.53E-08	1.48E-04	1.24E-04	5E-06	9.8E-08	4.7E-08	0.0001
720	490586.72, 3860235.12	0.0609	0.06033	0.05748	0.05123	0.07195	1.14E-04	5.3E-06	1E-07	8E-08	1.20E-04	1.40E-04	6.49E-06	1.00E-07	4.50E-08	1.47E-04	1.24E-04	5E-06	9.7E-08	4.6E-08	0.0001
721	490636.72, 3860235.12	0.06051	0.05995	0.05712	0.05088	0.07135	1.14E-04	5.3E-06	1E-07	8E-08	1.19E-04	1.39E-04	6.44E-06	9.97E-08	4.46E-08	1.46E-04	1.23E-04	5E-06	9.7E-08	4.6E-08	0.0001
722	490686.72, 3860235.12	0.06014	0.05956	0.05676	0.05052	0.07075	1.13E-04	5.2E-06	1E-07	7.9E-08	1.18E-04	1.38E-04	6.40E-06	9.90E-08	4.42E-08	1.45E-04	1.22E-04	4.9E-06	9.6E-08	4.6E-08	0.0001
723	490736.72, 3860235.12	0.05978	0.05915	0.05638	0.05014	0.07013	1.12E-04	5.2E-06	1E-07	7.8E-08	1.18E-04	1.38E-04	6.36E-06	9.82E-08	4.39E-08	1.44E-04	1.21E-04	4.9E-06	9.5E-08	4.5E-08	0.0001
724	490786.72, 3860235.12	0.05944	0.05874	0.056	0.04975	0.06952	1.12E-04	5.2E-06	9.9E-08	7.8E-08	1.17E-04	1.37E-04	6.31E-06	9.75E-08	4.35E-08	1.43E-04	1.21E-04	4.9E-06	9.5E-08	4.5E-08	0.0001
725	490086.72, 3860285.12	0.06197	0.06028	0.05767	0.05145	0.07132	1.16E-04	5.3E-06	1E-07	8E-08	1.22E-04	1.43E-04	6.48E-06	1.01E-07	4.46E-08	1.49E-04	1.26E-04	5E-06	9.8E-08	4.6E-08	0.0001
726	490136.72, 3860285.12	0.06201	0.06047	0.05784	0.05159	0.07163	1.17E-04	5.3E-06	1E-07	8E-08	1.22E-04	1.43E-04	6.50E-06	1.01E-07	4.48E-08	1.49E-04	1.26E-04	5E-06	9.8E-08	4.6E-08	0.0001
727	490186.72, 3860285.12	0.06196	0.06056	0.0579	0.05166	0.07188	1.16E-04	5.3E-06	1E-07	8E-08	1.22E-04	1.43E-04	6.51E-06	1.01E-07	4.50E-08	1.49E-04	1.26E-04	5E-06	9.8E-08	4.6E-08	0.0001
728	490236.72, 3860285.12	0.06189	0.06064	0.05796	0.05171	0.07208	1.16E-04	5.3E-06	1E-07	8.1E-08	1.22E-04	1.43E-04	6.52E-06	1.01E-07	4.51E-08	1.49E-04	1.26E-04	5E-06	9.8E-08	4.7E-08	0.0001
729	490286.72, 3860285.12	0.06167	0.06056	0.05787	0.05164	0.07217	1.16E-04	5.3E-06	1E-07	8.1E-08	1.21E-04	1.42E-04	6.51E-06	1.01E-07	4.51E-08	1.49E-04	1.25E-04	5E-06	9.8E-08	4.7E-08	0.0001
730	490336.72, 3860285.12	0.06141	0.06045	0.05773	0.05154	0.07216	1.15E-04	5.3E-06	1E-07	8.1E-08	1.21E-04	1.41E-04	6.50E-06	1.01E-07	4.51E-08	1.48E-04	1.25E-04	5E-06	9.8E-08	4.7E-08	0.0001
731	490386.72, 3860285.12	0.06114	0.06032	0.05759	0.05143	0.07207	1.15E-04	5.3E-06	1E-07	8.1E-08	1.20E-04	1.41E-04	6.48E-06	1.01E-07	4.51E-08	1.47E-04	1.24E-04	5E-06	9.8E-08	4.7E-08	0.0001
732	490436.72, 3860285.12	0.06079	0.0601	0.05736	0.05123	0.07185	1.14E-04	5.3E-06	1E-07	8E-08	1.20E-04	1.40E-04	6.46E-06	1.00E-07	4.49E-08	1.47E-04	1.23E-04	5E-06	9.7E-08	4.6E-08	0.0001
733	490486.72, 3860285.12	0.06042	0.05984	0.05709	0.05101	0.07154	1.14E-04	5.2E-06	1E-07	8E-08	1.19E-04	1.39E-04	6.43E-06	9.99E-08	4.47E-08	1.46E-04	1.23E-04	4.9E-06	9.7E-08	4.6E-08	0.0001
734	490536.72, 3860285.12	0.06	0.0595	0.05676	0.05072	0.07112	1.13E-04	5.2E-06	1E-07	7.9E-08	1.18E-04	1.38E-04	6.40E-06	9.94E-08	4.45E-08	1.45E-04	1.22E-04	4.9E-06	9.6E-08	4.6E-08	0.0001
735	490586.72, 3860285.12	0.05958	0.05915	0.05643	0.05041	0.07063	1.12E-04	5.2E-06	1E-07	7.9E-08	1.17E-04	1.37E-04	6.36E-06	9.87E-08	4.42E-08	1.44E-04	1.21E-04	4.9E-06	9.6E-08	4.6E-08	0.0001
736	490636.72, 3860285.12	0.0592	0.05881	0.0561	0.0501	0.0701	1.11E-04	5.2E-06	9.9E-08	7.8E-08	1.17E-04	1.36E-04	6.32E-06	9.81E-08	4.38E-08	1.43E-04	1.20E-04	4.9E-06	9.5E-08	4.5E-08	0.0001
737	490686.72, 3860285.12	0.05884	0.05847	0.05578	0.04979	0.06954	1.11E-04	5.1E-06	9.9E-08	7.8E-08	1.16E-04	1.35E-04	6.29E-06	9.75E-08	4.35E-08	1.42E-04	1.19E-04	4.8E-06	9.5E-08	4.5E-08	0.0001
738	490736.72, 3860285.12	0.05847	0.05808	0.05542	0.04943	0.06895	1.10E-04	5.1E-06	9.8E-08	7.7E-08	1.15E-04	1.35E-04	6.24E-06	9.68E-08	4.31E-08	1.41E-04	1.19E-04	4.8E-06	9.4E-08	4.5E-08	0.0001
739	490786.72, 3860285.12	0.05814	0.05772	0.05508	0.04909	0.06836	1.09E-04	5.1E-06	9.7E-08	7.6E-08	1.14E-04	1.34E-04	6.21E-06	9.62E-08	4.28E-08	1.40E-04	1.18E-04	4.8E-06	9.3E-08	4.4E-08	0.0001
740	490086.72, 3860335.12	0.06019	0.05859	0.05613	0.05017	0.06913	1.13E-04	5.1E-06	1E-07	7.7E-08	1.18E-04	1.39E-04	6.30E-06	9.83E-08	4.32E-08	1.45E-04	1.22E-04	4.8E-06	9.5E-08	4.5E-08	0.0001
741	490136.72, 3860335.12	0.06029	0.05882	0.05635	0.05035	0.06946	1.13E-04	5.2E-06	1E-07	7.8E-08	1.19E-04	1.39E-04	6.32E-06	9.86E-08	4.34E-08	1.45E-04	1.22E-04	4.9E-06	9.6E-08	4.5E-08	0.0001
742	490186.72, 3860335.12	0.06028	0.05894	0.05645	0.05045	0.06974	1.13E-04	5.2E-06	1E-07	7.8E-08	1.19E-04	1.39E-04	6.34E-06	9.88E-08	4.36E-08	1.45E-04	1.22E-04	4.9E-06	9.6E-08	4.5E-08	0.0001
743	490236.72, 3860335.12	0.06028	0.05909	0.05657	0.05055	0.07001	1.13E-04	5.2E-06	1E-07	7.8E-08	1.19E-04	1.39E-04	6.35E-06	9.90E-08	4.38E-08	1.45E-04	1.22E-04	4.9E-06	9.6E-08	4.5E-08	0.0001
744	490286.72, 3860335.12	0.06014	0.05908	0.05654	0.05054	0.07018	1.13E-04	5.2E-06	1E-07	7.8E-08	1.18E-04	1.38E-04	6.35E-06	9.90E-08	4.39E-08	1.45E-04	1.22E-04	4.9E-06	9.6E-08	4.5E-08	0.0001
745	490336.72, 3860335.12	0.05994	0.05902	0.05646	0.05049	0.07027	1.13E-04	5.2E-06	1E-07	7.9E-08	1.18E-04	1.38E-04	6.34E-06	9.89E-08	4.39E-08	1.45E-04	1.22E-04	4.9E-06	9.6E-08	4.5E-08	0.0001
746	490386.72, 3860335.12	0.05972	0.05893	0.05636	0.05041	0.07028	1.12E-04	5.2E-06	1E-07	7.9E-08	1.18E-04	1.38E-04	6.34E-06	9.87E-08	4.40E-08	1.44E-04	1.21E-04	4.9E-06	9.6E-08	4.5E-08	0.0001
747	490436.72, 3860335.12	0.05944	0.05879	0.0562	0.05028	0.07019	1.12E-04	5.2E-06	1E-07	7.8E-08	1.17E-04	1.37E-04	6.32E-06	9.85E-08	4.39E-08	1.43E-04	1.21E-04	4.9E-06	9.6E-08	4.5E-08	0.0001
748	490486.72, 3860335.12	0.05911	0.05858	0.05598	0.0501	0.06999	1.11E-04	5.1E-06	9.9E-08	7.8E-08	1.16E-04	1.36E-04	6.30E-06	9.81E-08	4.38E-08	1.43E-04	1.20E-04	4.8E-06	9.5E-08	4.5E-08	0.0001
749	490536.72, 3860335.12	0.05879	0.05837	0.05576	0.04991	0.06971	1.10E-04	5.1E-06	9.9E-08	7.8E-08	1.16E-04	1.35E-04	6.27E-06	9.78E-08	4.36E-08	1.42E-04	1.19E-04	4.8E-06	9.5E-08	4.5E-08	0.0001
750	490586.72, 3860335.12	0.05838	0.05804	0.05545	0.04963	0.06931	1.10E-04	5.1E-06	9.9E-08	7.7E-08	1.15E-04	1.34E-04	6.24E-06	9.72E-08	4.33E-08	1.41E-04	1.19E-04	4.8E-06	9.4E-08	4.5E-08	0.0001
751	490636.72, 3860335.12	0.058	0.05773	0.05514	0.04935	0.06886	1.09E-04	5.1E-06	9.8E-08	7.7E-08	1.14E-04	1.34E-04	6.21E-06	9.67E-08	4.31E-08	1.40E-04	1.18E-04	4.8E-06	9.4E-08	4.4E-08	0.0001
752	490686.72, 3860335.12	0.05763	0.0574	0.05482	0.04905	0.06835	1.08E-04	5E-06	9.7E-08	7.6E-08	1.14E-04	1.33E-04	6.17E-06	9.61E-08	4.27E-08	1.39E-04	1.17E-04	4.7E-06	9.3E-08	4.4E-08	0.0001
753	490736.72, 3860335.12	0.05727	0.05705	0.05449	0.04874	0.0678	1.08E-04	5E-06	9.7E-08	7.6E-08	1.13E-04	1.32E-04	6.13E-06	9.55E-08	4.24E-08	1.38E-04	1.16E-04	4.7E-06	9.3E-08	4.4E-08	0.0001
754	490786.72, 3860335.12	0.05697	0.05675	0.05421	0.04845	0.06727	1.07E-04	5E-06	9.6E-08	7.5E-08	1.12E-04	1.31E-04	6.10E-06	9.49E-08	4.21E-08	1.37E-04	1.16E-04	4.7E-06	9.2E-08	4.3E-08	0.0001
755	490086.72, 3860385.12	0.0585	0.05699	0.05465	0.04894	0.06704	1.10E-04	5E-06	9.7E-08	7.5E-08	1.15E-04	1.35E-04	6.13E-06	9.59E-08	4.19E-08	1.41E-04	1.19E-04	4.7E-06	9.3E-08	4.3E-08	0.0001
756	490136.72, 3860385.12	0.05863	0.05724	0.0549	0.04915	0.06737	1.10E-04	5E-06	9.8E-08	7.5E-08	1.15E-04	1.35E-04	6.15E-06	9.63E-08	4.21E-08	1.41E-04	1.19E-04	4.7E-06	9.3E-08	4.4E-08	0.0001
757	490186.72, 3860385.12	0.05862	0.05735	0.055	0.04924	0.06765	1.10E-04	5E-06	9.8E-08	7.6E-08	1.15E-04	1.35E-04	6.17E-06	9.65E-08	4.23E-08	1.41E-04	1.19E-04	4.7E-06	9.4E-08	4.4E-08	0.0001
758	490236.72, 3860385.12	0.05865	0.0575	0.05514	0.04936	0.06794	1.10E-04	5E-06	9.8E-08	7.6E-08	1.15E-04	1.35E-04	6.18E-06	9.67E-08	4.25E-08	1.41E-04	1.19E-04	4.8E-06	9.4E-08	4.4E-08	0.0001
759	490286.72, 3860385.12	0.05858	0.05756	0.05518	0.0494	0.06817	1.10E-04	5E-06	9.8E-08	7.6E-08	1.15E-04	1.35E-04	6.19E-06	9.68E-08	4.26E-08	1.41E-04	1.19E-04	4.8E-06	9.4E-08	4.4E-08	0.0001
760	490336.72, 3860385.12	0.05847	0.05758	0.05518	0.04941	0.06835	1.10E-04	5.1E-06	9.8E-08	7.6E-08	1.15E-04	1.35E-04	6.19E-06	9.68E-08	4.27E-08	1.41E-04	1.19E-04	4.8E-06	9.4E-08	4.4E-08	0.0001
761	490386.72, 3860385.12	0.0583	0.05754	0.05512	0.04937	0.06845	1.10E-04	5E-06	9.8E-08	7.6E-08	1.15E-04	1.34E-04	6.19E-06	9.67E-08	4.28E-08	1.41E-04	1.18E-04	4.8E-06	9.4E-08	4.4E-08	0.0001
762	490436.72, 3860385.12	0.05808	0.05746	0.05502	0.0493	0.06846	1.09E-04	5E-06	9.8E-08	7.6E-08	1.14E-04	1.34E-04	6.18E-06	9.66E-08	4.28E-08	1.40E-04	1.18E-04	4.8E-06	9.4E-08	4.4E-08	0.0001
763	490486.72, 3860385.12	0.05785	0.05735	0.05489	0.0492	0.0684	1.09E-04	5E-06	9.8E-08	7.6E-08	1.14E-04	1.33E-04	6.17E-06	9.64E-08	4.28E-08	1.40E-04	1.17E-04	4.7E-06	9.4E-08	4.4E-08	0.0001
764	490536.72, 3860385.12	0.05756	0.05718	0.05471	0.04905	0.06822	1.08E-04	5E-06	9.7E-08	7.6E-08	1.13E-04	1.33E-04	6.15E-06	9.61E-08	4.27E-08	1.39E-04	1.17E-04	4.7E-06	9.3E-08	4.4E-08	0.0001

765	490586.72, 3860385.12	0.05723	0.05695	0.05448	0.04885	0.06795	1.08E-04	5E-06	9.7E-08	7.6E-08	1.13E-04	1.32E-04	6.12E-06	9.57E-08	4.25E-08	1.38E-04	1.16E-04	4.7E-06	9.3E-08	4.4E-08	0.0001
766	490636.72, 3860385.12	0.05686	0.05666	0.05419	0.04859	0.06758	1.07E-04	5E-06	9.6E-08	7.6E-08	1.12E-04	1.31E-04	6.09E-06	9.52E-08	4.23E-08	1.37E-04	1.15E-04	4.7E-06	9.2E-08	4.4E-08	0.0001
767	490686.72, 3860385.12	0.05652	0.05638	0.05392	0.04834	0.06717	1.06E-04	4.9E-06	9.6E-08	7.5E-08	1.11E-04	1.30E-04	6.06E-06	9.47E-08	4.20E-08	1.36E-04	1.15E-04	4.7E-06	9.2E-08	4.3E-08	0.0001
768	490736.72, 3860385.12	0.05612	0.05603	0.05358	0.04803	0.06666	1.05E-04	4.9E-06	9.5E-08	7.4E-08	1.11E-04	1.29E-04	6.02E-06	9.41E-08	4.17E-08	1.35E-04	1.14E-04	4.6E-06	9.1E-08	4.3E-08	0.0001
769	490786.72, 3860385.12	0.05577	0.05569	0.05326	0.04772	0.06614	1.05E-04	4.9E-06	9.5E-08	7.4E-08	1.10E-04	1.28E-04	5.99E-06	9.35E-08	4.14E-08	1.35E-04	1.13E-04	4.6E-06	9.1E-08	4.3E-08	0.0001
770	490136.72, 3860435.12	0.05696	0.05563	0.05341	0.04791	0.06533	1.07E-04	4.9E-06	9.5E-08	7.3E-08	1.12E-04	1.31E-04	5.98E-06	9.39E-08	4.09E-08	1.37E-04	1.16E-04	4.6E-06	9.1E-08	4.2E-08	0.0001
771	490186.72, 3860435.12	0.05705	0.05583	0.05361	0.04807	0.06564	1.07E-04	4.9E-06	9.5E-08	7.3E-08	1.12E-04	1.31E-04	6.00E-06	9.42E-08	4.11E-08	1.38E-04	1.16E-04	4.6E-06	9.1E-08	4.2E-08	0.0001
772	490236.72, 3860435.12	0.05708	0.05597	0.05374	0.04819	0.06593	1.07E-04	4.9E-06	9.6E-08	7.4E-08	1.12E-04	1.31E-04	6.02E-06	9.44E-08	4.12E-08	1.38E-04	1.16E-04	4.6E-06	9.2E-08	4.3E-08	0.0001
773	490286.72, 3860435.12	0.05706	0.05607	0.05383	0.04827	0.06619	1.07E-04	4.9E-06	9.6E-08	7.4E-08	1.12E-04	1.31E-04	6.03E-06	9.46E-08	4.14E-08	1.38E-04	1.16E-04	4.6E-06	9.2E-08	4.3E-08	0.0001
774	490336.72, 3860435.12	0.05697	0.0561	0.05384	0.04829	0.06641	1.07E-04	4.9E-06	9.6E-08	7.4E-08	1.12E-04	1.31E-04	6.03E-06	9.46E-08	4.15E-08	1.37E-04	1.16E-04	4.6E-06	9.2E-08	4.3E-08	0.0001
775	490386.72, 3860435.12	0.05687	0.05613	0.05386	0.04832	0.06659	1.07E-04	4.9E-06	9.6E-08	7.4E-08	1.12E-04	1.31E-04	6.03E-06	9.47E-08	4.16E-08	1.37E-04	1.15E-04	4.6E-06	9.2E-08	4.3E-08	0.0001
776	490436.72, 3860435.12	0.05673	0.05611	0.05382	0.04829	0.0667	1.07E-04	4.9E-06	9.6E-08	7.5E-08	1.12E-04	1.31E-04	6.03E-06	9.46E-08	4.17E-08	1.37E-04	1.15E-04	4.6E-06	9.2E-08	4.3E-08	0.0001
777	490486.72, 3860435.12	0.05654	0.05605	0.05373	0.04823	0.06672	1.06E-04	4.9E-06	9.6E-08	7.5E-08	1.11E-04	1.30E-04	6.03E-06	9.45E-08	4.17E-08	1.36E-04	1.15E-04	4.6E-06	9.2E-08	4.3E-08	0.0001
778	490536.72, 3860435.12	0.05632	0.05595	0.05362	0.04814	0.06667	1.06E-04	4.9E-06	9.6E-08	7.4E-08	1.11E-04	1.30E-04	6.01E-06	9.43E-08	4.17E-08	1.36E-04	1.14E-04	4.6E-06	9.2E-08	4.3E-08	0.0001
779	490586.72, 3860435.12	0.05603	0.05578	0.05343	0.04799	0.06651	1.05E-04	4.9E-06	9.5E-08	7.4E-08	1.10E-04	1.29E-04	6.00E-06	9.40E-08	4.16E-08	1.35E-04	1.14E-04	4.6E-06	9.1E-08	4.3E-08	0.0001
780	490636.72, 3860435.12	0.05571	0.05554	0.0532	0.04779	0.06624	1.05E-04	4.9E-06	9.5E-08	7.4E-08	1.10E-04	1.28E-04	5.97E-06	9.36E-08	4.14E-08	1.34E-04	1.13E-04	4.6E-06	9.1E-08	4.3E-08	0.0001
781	490686.72, 3860435.12	0.05538	0.0553	0.05296	0.04757	0.06592	1.04E-04	4.9E-06	9.4E-08	7.4E-08	1.09E-04	1.28E-04	5.94E-06	9.32E-08	4.12E-08	1.34E-04	1.12E-04	4.6E-06	9E-08	4.3E-08	0.0001
782	490736.72, 3860435.12	0.05507	0.05506	0.05272	0.04735	0.06553	1.03E-04	4.8E-06	9.4E-08	7.3E-08	1.08E-04	1.27E-04	5.92E-06	9.28E-08	4.10E-08	1.33E-04	1.12E-04	4.6E-06	9E-08	4.2E-08	0.0001
783	490786.72, 3860435.12	0.05471	0.05473	0.0524	0.04705	0.06506	1.03E-04	4.8E-06	9.3E-08	7.3E-08	1.08E-04	1.26E-04	5.88E-06	9.22E-08	4.07E-08	1.32E-04	1.11E-04	4.5E-06	9E-08	4.2E-08	0.0001
784	490136.72, 3860485.12	0.05546	0.0542	0.05208	0.04679	0.06345	1.04E-04	4.8E-06	9.3E-08	7.1E-08	1.09E-04	1.28E-04	5.83E-06	9.17E-08	3.97E-08	1.34E-04	1.13E-04	4.5E-06	8.9E-08	4.1E-08	0.0001
785	490186.72, 3860485.12	0.05552	0.05436	0.05225	0.04693	0.06371	1.04E-04	4.8E-06	9.3E-08	7.1E-08	1.09E-04	1.28E-04	5.84E-06	9.19E-08	3.98E-08	1.34E-04	1.13E-04	4.5E-06	8.9E-08	4.1E-08	0.0001
786	490236.72, 3860485.12	0.05554	0.05447	0.05236	0.04703	0.06397	1.04E-04	4.8E-06	9.3E-08	7.1E-08	1.09E-04	1.28E-04	5.86E-06	9.21E-08	4.00E-08	1.34E-04	1.13E-04	4.5E-06	8.9E-08	4.1E-08	0.0001
787	490286.72, 3860485.12	0.05557	0.05462	0.0525	0.04716	0.06426	1.04E-04	4.8E-06	9.4E-08	7.2E-08	1.09E-04	1.28E-04	5.87E-06	9.24E-08	4.02E-08	1.34E-04	1.13E-04	4.5E-06	9E-08	4.2E-08	0.0001
788	490336.72, 3860485.12	0.05553	0.05468	0.05256	0.04721	0.0645	1.04E-04	4.8E-06	9.4E-08	7.2E-08	1.09E-04	1.28E-04	5.88E-06	9.25E-08	4.03E-08	1.34E-04	1.13E-04	4.5E-06	9E-08	4.2E-08	0.0001
789	490386.72, 3860485.12	0.05549	0.05476	0.05262	0.04727	0.06474	1.04E-04	4.8E-06	9.4E-08	7.2E-08	1.09E-04	1.28E-04	5.89E-06	9.26E-08	4.05E-08	1.34E-04	1.13E-04	4.5E-06	9E-08	4.2E-08	0.0001
790	490436.72, 3860485.12	0.05545	0.05485	0.05269	0.04734	0.06495	1.04E-04	4.8E-06	9.4E-08	7.3E-08	1.09E-04	1.28E-04	5.90E-06	9.27E-08	4.06E-08	1.34E-04	1.13E-04	4.5E-06	9E-08	4.2E-08	0.0001
791	490486.72, 3860485.12	0.05528	0.0548	0.05262	0.04729	0.06505	1.04E-04	4.8E-06	9.4E-08	7.3E-08	1.09E-04	1.27E-04	5.89E-06	9.26E-08	4.07E-08	1.33E-04	1.12E-04	4.5E-06	9E-08	4.2E-08	0.0001
792	490536.72, 3860485.12	0.05507	0.0547	0.05251	0.04721	0.06506	1.03E-04	4.8E-06	9.4E-08	7.3E-08	1.08E-04	1.27E-04	5.88E-06	9.25E-08	4.07E-08	1.33E-04	1.12E-04	4.5E-06	9E-08	4.2E-08	0.0001
793	490586.72, 3860485.12	0.05483	0.05457	0.05236	0.04709	0.06499	1.03E-04	4.8E-06	9.3E-08	7.3E-08	1.08E-04	1.26E-04	5.87E-06	9.22E-08	4.06E-08	1.32E-04	1.11E-04	4.5E-06	9E-08	4.2E-08	0.0001
794	490636.72, 3860485.12	0.05459	0.05444	0.05222	0.04697	0.06486	1.03E-04	4.8E-06	9.3E-08	7.2E-08	1.08E-04	1.26E-04	5.85E-06	9.20E-08	4.06E-08	1.32E-04	1.11E-04	4.5E-06	8.9E-08	4.2E-08	0.0001
795	490686.72, 3860485.12	0.05427	0.05422	0.05199	0.04678	0.06462	1.02E-04	4.8E-06	9.3E-08	7.2E-08	1.07E-04	1.25E-04	5.83E-06	9.16E-08	4.04E-08	1.31E-04	1.10E-04	4.5E-06	8.9E-08	4.2E-08	0.0001
796	490736.72, 3860485.12	0.05398	0.05401	0.05178	0.04659	0.06432	1.01E-04	4.7E-06	9.2E-08	7.2E-08	1.06E-04	1.24E-04	5.81E-06	9.13E-08	4.02E-08	1.30E-04	1.10E-04	4.5E-06	8.9E-08	4.2E-08	0.0001
797	490786.72, 3860485.12	0.05366	0.05375	0.05152	0.04635	0.06394	1.01E-04	4.7E-06	9.2E-08	7.1E-08	1.06E-04	1.24E-04	5.78E-06	9.08E-08	4.00E-08	1.29E-04	1.09E-04	4.4E-06	8.8E-08	4.1E-08	0.0001
798	490136.72, 3860535.12	0.05399	0.05279	0.05076	0.04569	0.06166	1.01E-04	4.6E-06	9.1E-08	6.9E-08	1.06E-04	1.24E-04	5.68E-06	8.95E-08	3.86E-08	1.30E-04	1.10E-04	4.4E-06	8.7E-08	4E-08	0.0001
799	490186.72, 3860535.12	0.05417	0.05308	0.05105	0.04592	0.06194	1.02E-04	4.7E-06	9.1E-08	6.9E-08	1.07E-04	1.25E-04	5.71E-06	9.00E-08	3.87E-08	1.31E-04	1.10E-04	4.4E-06	8.7E-08	4E-08	0.0001
800	490236.72, 3860535.12	0.05409	0.05307	0.05106	0.04594	0.06213	1.02E-04	4.7E-06	9.1E-08	6.9E-08	1.06E-04	1.25E-04	5.71E-06	9.00E-08	3.89E-08	1.30E-04	1.10E-04	4.4E-06	8.7E-08	4E-08	0.0001
801	490286.72, 3860535.12	0.05409	0.05317	0.05116	0.04603	0.06238	1.02E-04	4.7E-06	9.1E-08	7E-08	1.06E-04	1.25E-04	5.72E-06	9.02E-08	3.90E-08	1.30E-04	1.10E-04	4.4E-06	8.8E-08	4E-08	0.0001
802	490336.72, 3860535.12	0.05412	0.0533	0.05129	0.04614	0.06265	1.02E-04	4.7E-06	9.2E-08	7E-08	1.07E-04	1.25E-04	5.73E-06	9.04E-08	3.92E-08	1.30E-04	1.10E-04	4.4E-06	8.8E-08	4E-08	0.0001
803	490386.72, 3860535.12	0.05415	0.05345	0.05142	0.04626	0.06293	1.02E-04	4.7E-06	9.2E-08	7E-08	1.07E-04	1.25E-04	5.75E-06	9.06E-08	3.94E-08	1.31E-04	1.10E-04	4.4E-06	8.8E-08	4.1E-08	0.0001
804	490436.72, 3860535.12	0.05414	0.05355	0.05151	0.04634	0.06318	1.02E-04	4.7E-06	9.2E-08	7.1E-08	1.07E-04	1.25E-04	5.76E-06	9.08E-08	3.95E-08	1.31E-04	1.10E-04	4.4E-06	8.8E-08	4.1E-08	0.0001
805	490486.72, 3860535.12	0.05407	0.05359	0.05153	0.04637	0.06336	1.02E-04	4.7E-06	9.2E-08	7.1E-08	1.06E-04	1.25E-04	5.76E-06	9.08E-08	3.96E-08	1.30E-04	1.10E-04	4.4E-06	8.8E-08	4.1E-08	0.0001
806	490536.72, 3860535.12	0.05408	0.05374	0.05165	0.04648	0.06355	1.02E-04	4.7E-06	9.2E-08	7.1E-08	1.07E-04	1.25E-04	5.78E-06	9.11E-08	3.97E-08	1.30E-04	1.10E-04	4.4E-06	8.8E-08	4.1E-08	0.0001
807	490586.72, 3860535.12	0.0537	0.05344	0.05135	0.04624	0.06348	1.01E-04	4.7E-06	9.2E-08	7.1E-08	1.06E-04	1.24E-04	5.74E-06	9.06E-08	3.97E-08	1.30E-04	1.09E-04	4.4E-06	8.8E-08	4.1E-08	0.0001
808	490636.72, 3860535.12	0.05346	0.05331	0.05121	0.04613	0.06342	1.00E-04	4.7E-06	9.2E-08	7.1E-08	1.05E-04	1.23E-04	5.73E-06	9.04E-08	3.97E-08	1.29E-04	1.09E-04	4.4E-06	8.8E-08	4.1E-08	0.0001
809	490686.72, 3860535.12	0.05322	0.05317	0.05106	0.046	0.06329	1.00E-04	4.7E-06	9.1E-08	7.1E-08	1.05E-04	1.23E-04	5.72E-06	9.01E-08	3.96E-08	1.28E-04	1.08E-04	4.4E-06	8.8E-08	4.1E-08	0.0001
810	490736.72, 3860535.12	0.05292	0.05296	0.05084	0.04582	0.06306	9.94E-05	4.6E-06	9.1E-08	7E-08	1.04E-04	1.22E-04	5.69E-06	8.98E-08	3.94E-08	1.28E-04	1.07E-04	4.4E-06	8.7E-08	4.1E-08	0.0001
811	490786.72, 3860535.12	0.05265	0.05277	0.05064	0.04564	0.06278	9.89E-05	4.6E-06	9.1E-08	7E-08	1.04E-04	1.21E-04	5.67E-06	8.94E-08	3.93E-08	1.27E-04	1.07E-04	4.4E-06	8.7E-08	4.1E-08	0.0001
812	490136.72, 3860585.12	0.05269	0.05157	0.0496	0.04472	0.06001	9.90E-05	4.5E-06	8.9E-08	6.7E-08	1.04E-04	1.21E-04	5.54E-06	8.76E-08	3.75E-08	1.27E-04	1.07E-04	4.3E-06	8.5E-08	3.9E-08	0.0001
813	490186.72, 3860585.12	0.05245	0.05138	0.04946	0.04459	0.06006	9.86E-05	4.5E-06	8.9E-08	6.7E-08	1.03E-04	1.21E-04	5.52E-06	8.73E-08	3.76E-08	1.26E-04	1.06E-04	4.2E-06	8.5E-08	3.9E-08	0.0001
814	490236.72, 3860585.12	0.0526	0.05161	0.0497	0.04479	0.06033	9.88E-05	4.5E-06	8.9E-08	6.7E-08	1.04E-04	1.21E-04	5.55E-06	8.77E-08	3.77E-08	1.27E-04	1.07E-04	4.3E-06	8.5E-08	3.9E-08	0.0001
815	490286.72, 3860585.12	0.0527	0.05181	0.0499	0.04496	0.0606	9.90E-05	4.5E-06	8.9E-08	6.8E-08	1.04E-04	1.21E-04	5.57E-06	8.81E-08	3.79E-08	1.27E-04	1.07E-04	4.3E-06	8.6E-08	3.9E-08	0.0001
816	490336.72, 3860585.12	0.05274	0.05194	0.05003	0.04507	0.06086	9.91E-05	4.6E-06	8.9E-08	6.8E-08	1.04E-04	1.21E-04	5.58E-06	8.83E-08	3.81E-08	1.27E-04	1.07E-04	4.3E-06	8.6E-08	3.9E-08	0.0001
817	490386.72, 3860585.12	0.05274	0.05204	0.05013	0.04517	0.06112	9.91E-05	4.6E-06	9E-08	6.8E-08	1.04E-04	1.21E-04	5.59E-06	8.85E-08	3.82E-08	1.27E-04	1.07E-04	4.3E-06	8.6E-08	3.9E-08	0.0001
818	490436.72, 3860585.12	0.05291	0.05234	0.05041	0.0454	0.06146	9.94E-05	4.6E-06	9E-08	6.9E-08	1.04E-04	1.22E-04	5.63E-06	8.89E-08	3.84E-08	1.28E-04	1.07E-04	4.3E-06	8.6E-08	4E-08	0.0001
819	490486.72, 3860585.12	0.05302	0.05257	0.05061	0.04558	0.06176	9.96E-05	4.6E-06	9E-08	6.9E-08	1.04E-04	1.22E-04	5.65E-06	8.93E-08	3.86E-08	1.28E-04	1.08E-04	4.3E-06	8.7E-08	4E-08	0.0001
820	490536.72, 3860585.12	0.05287	0.05253	0.05056	0.04555	0.06191	9.94E-05	4.6E-06	9E-08	6.9E-08	1.04E-04	1.22E-04	5.65E-06	8.92E-08	3.87E-08	1.28E-04	1.07E-04	4.3E-06	8.7E-08	4E-08	0.0001
821	490586.72, 3860585.12	0.05247	0.0522	0.05024	0.0453	0.06187	9.86E-05	4.6E-06	9E-08	6.9E-08	1.03E-04	1.21E-04	5.61E-06	8.87E-08	3.87E-08	1.27E-04	1.07E-04	4.3E-06	8.6E-08	4E-08	0.0001
822	490636.72, 3860585.12	0.05232	0.05216	0.05018	0.04526	0.06192	9.83E-05	4.6E-06	9E-08	6.9E-08	1.03E-04	1.20E-04	5.61E-06	8.87E-08	3.87E-08	1.26E-04	1.06E-04	4.3E-06	8.6E-08	4E-08	0.0001
823	490686.72, 3860585.12	0.05212	0.05206	0.05007	0.04517	0.06188	9.79E-05	4.6E-06	9E-08	6.9E-08	1.03E-04	1.20E-04	5.60E-06	8.85E-08	3.87E-08	1.26E-04	1.06E-04	4.3E-06	8.6E-08	4E-08	0.0001
824	490736.72, 3860585.12	0.05189	0.05193	0.04992	0.04505	0.06177	9.75E-05	4.6E-06	8.9E-08	6.9E-08	1.02E-04	1.19E-04	5.58E-06	8.82E-08	3.86E-08	1.25E-04	1.05E-04	4.3E-06	8.6E-08	4E-08	0.0001
825	490786.72, 3860585.12	0.05161	0.05174	0.04972	0.04488	0.06156	9.70E-05	4.5E-06	8.9E-08	6.9E-08	1.02E-04	1.19E-04	5.56E-06	8.79E-08	3.85E-08	1.25E-04	1.05E-04	4.3E-06	8.5E-08	4E-08	0.0001
826	490136.72, 3860635.12	0.05155	0.05051	0.0486	0.04388	0.05851	9.69E-05	4.4E-06	8.7E-08	6.5E-08	1.01E-04	1.19E-04	5.43E-06	8.60E-08	3.66E-08	1.24E-04	1.05E-04	4.2E-06	8.3E-08	3.8E-08	0.0001
827	490186.72, 3860635.12	0.05141	0.05041	0.04854	0.04382	0.05858	9.66E-05	4.4E-06	8.7E-08	6.5E-08	1.01E-04	1.18E-04	5.42E-06	8.58E-08	3.66E-08	1.24E-04	1.04E-04	4.2E-06	8.3E-08	3.8E-08	0.0001
828	490236.72, 3860635.12	0.05127	0.05032	0.04849	0.04377	0.05867	9.63E-05	4.4E-06	8.7E-08	6.6E-08	1.01E-04	1.18E-04	5.41E-06	8.57E-08	3.67E-08	1.24E-04	1.04E-04	4.2E-06	8.3E-08	3.8E-08	0.0001

829	490286.72, 3860635.12	0.0513	0.05043	0.04861	0.04387	0.05887	9.64E-05	4.4E-06	8.7E-08	6.6E-08	1.01E-04	1.18E-04	5.42E-06	8.59E-08	3.68E-08	1.24E-04	1.04E-04	4.2E-06	8.3E-08	3.8E-08	0.0001
830	490336.72, 3860635.12	0.05138	0.0506	0.04878	0.04402	0.05913	9.66E-05	4.4E-06	8.7E-08	6.6E-08	1.01E-04	1.18E-04	5.44E-06	8.62E-08	3.70E-08	1.24E-04	1.04E-04	4.2E-06	8.4E-08	3.8E-08	0.0001
831	490386.72, 3860635.12	0.05143	0.05075	0.04893	0.04415	0.05939	9.66E-05	4.5E-06	8.8E-08	6.6E-08	1.01E-04	1.18E-04	5.46E-06	8.65E-08	3.71E-08	1.24E-04	1.04E-04	4.2E-06	8.4E-08	3.8E-08	0.0001
832	490436.72, 3860635.12	0.05144	0.05085	0.04903	0.04424	0.05964	9.67E-05	4.5E-06	8.8E-08	6.7E-08	1.01E-04	1.18E-04	5.47E-06	8.67E-08	3.73E-08	1.24E-04	1.04E-04	4.2E-06	8.4E-08	3.9E-08	0.0001
833	490486.72, 3860635.12	0.05146	0.05097	0.04914	0.04434	0.0599	9.67E-05	4.5E-06	8.8E-08	6.7E-08	1.01E-04	1.19E-04	5.48E-06	8.69E-08	3.75E-08	1.24E-04	1.04E-04	4.2E-06	8.4E-08	3.9E-08	0.0001
834	490536.72, 3860635.12	0.0515	0.05112	0.04928	0.04446	0.06017	9.68E-05	4.5E-06	8.8E-08	6.7E-08	1.01E-04	1.19E-04	5.50E-06	8.71E-08	3.76E-08	1.24E-04	1.05E-04	4.2E-06	8.5E-08	3.9E-08	0.0001
835	490586.72, 3860635.12	0.05133	0.05105	0.0492	0.04441	0.06029	9.65E-05	4.5E-06	8.8E-08	6.7E-08	1.01E-04	1.18E-04	5.49E-06	8.70E-08	3.77E-08	1.24E-04	1.04E-04	4.2E-06	8.4E-08	3.9E-08	0.0001
836	490636.72, 3860635.12	0.05123	0.05106	0.04919	0.04441	0.06042	9.63E-05	4.5E-06	8.8E-08	6.8E-08	1.01E-04	1.18E-04	5.49E-06	8.70E-08	3.78E-08	1.24E-04	1.04E-04	4.2E-06	8.4E-08	3.9E-08	0.0001
837	490686.72, 3860635.12	0.05107	0.051	0.04911	0.04436	0.06046	9.60E-05	4.5E-06	8.8E-08	6.8E-08	1.01E-04	1.18E-04	5.48E-06	8.69E-08	3.78E-08	1.23E-04	1.04E-04	4.2E-06	8.4E-08	3.9E-08	0.0001
838	490736.72, 3860635.12	0.05083	0.05086	0.04896	0.04423	0.0604	9.55E-05	4.5E-06	8.8E-08	6.7E-08	1.00E-04	1.17E-04	5.47E-06	8.66E-08	3.78E-08	1.23E-04	1.03E-04	4.2E-06	8.4E-08	3.9E-08	0.0001
839	490786.72, 3860635.12	0.05062	0.05073	0.04882	0.04412	0.0603	9.51E-05	4.5E-06	8.8E-08	6.7E-08	9.97E-05	1.17E-04	5.45E-06	8.64E-08	3.77E-08	1.22E-04	1.03E-04	4.2E-06	8.4E-08	3.9E-08	0.0001
840	490136.72, 3860685.12	0.05015	0.04915	0.04731	0.04282	0.05696	9.42E-05	4.3E-06	8.5E-08	6.4E-08	9.87E-05	1.15E-04	5.28E-06	8.39E-08	3.56E-08	1.21E-04	1.02E-04	4.1E-06	8.1E-08	3.7E-08	0.0001
841	490186.72, 3860685.12	0.05045	0.04954	0.04771	0.04312	0.05719	9.48E-05	4.3E-06	8.6E-08	6.4E-08	9.93E-05	1.16E-04	5.33E-06	8.45E-08	3.58E-08	1.22E-04	1.02E-04	4.1E-06	8.2E-08	3.7E-08	0.0001
842	490236.72, 3860685.12	0.05022	0.04934	0.04755	0.04298	0.05722	9.44E-05	4.3E-06	8.5E-08	6.4E-08	9.89E-05	1.16E-04	5.30E-06	8.42E-08	3.58E-08	1.21E-04	1.02E-04	4.1E-06	8.2E-08	3.7E-08	0.0001
843	490286.72, 3860685.12	0.04994	0.0491	0.04735	0.04281	0.05723	9.38E-05	4.3E-06	8.5E-08	6.4E-08	9.83E-05	1.15E-04	5.28E-06	8.39E-08	3.58E-08	1.20E-04	1.01E-04	4.1E-06	8.1E-08	3.7E-08	0.0001
844	490336.72, 3860685.12	0.05009	0.04933	0.04759	0.04301	0.05749	9.41E-05	4.3E-06	8.5E-08	6.4E-08	9.86E-05	1.15E-04	5.30E-06	8.43E-08	3.60E-08	1.21E-04	1.02E-04	4.1E-06	8.2E-08	3.7E-08	0.0001
845	490386.72, 3860685.12	0.05015	0.04948	0.04775	0.04314	0.05774	9.42E-05	4.3E-06	8.6E-08	6.5E-08	9.87E-05	1.15E-04	5.32E-06	8.45E-08	3.61E-08	1.21E-04	1.02E-04	4.1E-06	8.2E-08	3.7E-08	0.0001
846	490436.72, 3860685.12	0.05014	0.04954	0.04782	0.04321	0.05795	9.42E-05	4.3E-06	8.6E-08	6.5E-08	9.87E-05	1.15E-04	5.33E-06	8.46E-08	3.62E-08	1.21E-04	1.02E-04	4.1E-06	8.2E-08	3.7E-08	0.0001
847	490486.72, 3860685.12	0.0501	0.0496	0.04788	0.04327	0.05818	9.41E-05	4.4E-06	8.6E-08	6.5E-08	9.87E-05	1.15E-04	5.33E-06	8.48E-08	3.64E-08	1.21E-04	1.02E-04	4.1E-06	8.2E-08	3.8E-08	0.0001
848	490536.72, 3860685.12	0.05013	0.04972	0.04799	0.04337	0.05844	9.42E-05	4.4E-06	8.6E-08	6.5E-08	9.87E-05	1.15E-04	5.35E-06	8.50E-08	3.66E-08	1.21E-04	1.02E-04	4.1E-06	8.3E-08	3.8E-08	0.0001
849	490586.72, 3860685.12	0.05011	0.04981	0.04806	0.04344	0.05866	9.42E-05	4.4E-06	8.6E-08	6.6E-08	9.87E-05	1.15E-04	5.35E-06	8.51E-08	3.67E-08	1.21E-04	1.02E-04	4.1E-06	8.3E-08	3.8E-08	0.0001
850	490636.72, 3860685.12	0.05009	0.04989	0.04813	0.0435	0.05886	9.41E-05	4.4E-06	8.6E-08	6.6E-08	9.87E-05	1.15E-04	5.36E-06	8.52E-08	3.68E-08	1.21E-04	1.02E-04	4.1E-06	8.3E-08	3.8E-08	0.0001
851	490686.72, 3860685.12	0.05003	0.04994	0.04816	0.04354	0.05901	9.40E-05	4.4E-06	8.6E-08	6.6E-08	9.85E-05	1.15E-04	5.37E-06	8.53E-08	3.69E-08	1.21E-04	1.02E-04	4.1E-06	8.3E-08	3.8E-08	0.0001
852	490736.72, 3860685.12	0.04986	0.04986	0.04807	0.04347	0.05905	9.37E-05	4.4E-06	8.6E-08	6.6E-08	9.82E-05	1.15E-04	5.36E-06	8.52E-08	3.69E-08	1.20E-04	1.01E-04	4.1E-06	8.3E-08	3.8E-08	0.0001
853	490786.72, 3860685.12	0.04975	0.04986	0.04804	0.04346	0.05907	9.35E-05	4.4E-06	8.6E-08	6.6E-08	9.80E-05	1.15E-04	5.36E-06	8.51E-08	3.69E-08	1.20E-04	1.01E-04	4.1E-06	8.3E-08	3.8E-08	0.0001
854	490136.72, 3860735.12	0.04858	0.04759	0.04585	0.04161	0.05535	9.13E-05	4.2E-06	8.3E-08	6.2E-08	9.56E-05	1.12E-04	5.12E-06	8.15E-08	3.46E-08	1.17E-04	9.86E-05	3.9E-06	7.9E-08	3.6E-08	0.0001
855	490186.72, 3860735.12	0.04857	0.04763	0.04591	0.04164	0.05542	9.13E-05	4.2E-06	8.3E-08	6.2E-08	9.56E-05	1.12E-04	5.12E-06	8.16E-08	3.47E-08	1.17E-04	9.86E-05	3.9E-06	7.9E-08	3.6E-08	0.0001
856	490236.72, 3860735.12	0.04862	0.04774	0.04604	0.04172	0.05554	9.14E-05	4.2E-06	8.3E-08	6.2E-08	9.57E-05	1.12E-04	5.13E-06	8.17E-08	3.47E-08	1.17E-04	9.87E-05	3.9E-06	7.9E-08	3.6E-08	0.0001
857	490286.72, 3860735.12	0.0487	0.04788	0.0462	0.04185	0.05571	9.15E-05	4.2E-06	8.3E-08	6.2E-08	9.59E-05	1.12E-04	5.15E-06	8.20E-08	3.48E-08	1.17E-04	9.89E-05	4E-06	8E-08	3.6E-08	0.0001
858	490336.72, 3860735.12	0.04876	0.04801	0.04635	0.04196	0.05589	9.16E-05	4.2E-06	8.3E-08	6.2E-08	9.60E-05	1.12E-04	5.16E-06	8.22E-08	3.50E-08	1.18E-04	9.90E-05	4E-06	8E-08	3.6E-08	0.0001
859	490386.72, 3860735.12	0.04887	0.04821	0.04655	0.04213	0.05613	9.18E-05	4.2E-06	8.4E-08	6.3E-08	9.62E-05	1.13E-04	5.18E-06	8.25E-08	3.51E-08	1.18E-04	9.92E-05	4E-06	8E-08	3.6E-08	0.0001
860	490436.72, 3860735.12	0.04908	0.04851	0.04685	0.04238	0.05645	9.22E-05	4.3E-06	8.4E-08	6.3E-08	9.66E-05	1.13E-04	5.21E-06	8.30E-08	3.53E-08	1.18E-04	9.97E-05	4E-06	8.1E-08	3.6E-08	0.0001
861	490486.72, 3860735.12	0.04902	0.04853	0.04688	0.04241	0.05664	9.21E-05	4.3E-06	8.4E-08	6.3E-08	9.65E-05	1.13E-04	5.22E-06	8.31E-08	3.54E-08	1.18E-04	9.95E-05	4E-06	8.1E-08	3.7E-08	0.0001
862	490536.72, 3860735.12	0.04888	0.04846	0.04682	0.04237	0.05679	9.19E-05	4.3E-06	8.4E-08	6.3E-08	9.63E-05	1.13E-04	5.21E-06	8.30E-08	3.55E-08	1.18E-04	9.92E-05	4E-06	8.1E-08	3.7E-08	0.0001
863	490586.72, 3860735.12	0.04886	0.04853	0.04689	0.04243	0.05702	9.18E-05	4.3E-06	8.4E-08	6.4E-08	9.62E-05	1.13E-04	5.22E-06	8.31E-08	3.57E-08	1.18E-04	9.92E-05	4E-06	8.1E-08	3.7E-08	0.0001
864	490636.72, 3860735.12	0.04884	0.04861	0.04696	0.0425	0.05724	9.18E-05	4.3E-06	8.4E-08	6.4E-08	9.62E-05	1.12E-04	5.23E-06	8.33E-08	3.58E-08	1.18E-04	9.92E-05	4E-06	8.1E-08	3.7E-08	0.0001
865	490686.72, 3860735.12	0.04887	0.04875	0.04707	0.04261	0.05747	9.18E-05	4.3E-06	8.5E-08	6.4E-08	9.63E-05	1.13E-04	5.24E-06	8.35E-08	3.59E-08	1.18E-04	9.92E-05	4E-06	8.1E-08	3.7E-08	0.0001
866	490736.72, 3860735.12	0.04886	0.04884	0.04714	0.04268	0.05765	9.18E-05	4.3E-06	8.5E-08	6.4E-08	9.63E-05	1.13E-04	5.25E-06	8.36E-08	3.61E-08	1.18E-04	9.92E-05	4E-06	8.1E-08	3.7E-08	0.0001
867	490136.72, 3860785.12	0.0472	0.04624	0.04457	0.04057	0.05387	8.87E-05	4.1E-06	8.1E-08	6E-08	9.29E-05	1.09E-04	4.97E-06	7.95E-08	3.37E-08	1.14E-04	9.58E-05	3.8E-06	7.7E-08	3.5E-08	1E-04
868	490186.72, 3860785.12	0.04727	0.04636	0.04471	0.04065	0.05397	8.88E-05	4.1E-06	8.1E-08	6E-08	9.30E-05	1.09E-04	4.98E-06	7.96E-08	3.38E-08	1.14E-04	9.60E-05	3.8E-06	7.7E-08	3.5E-08	1E-04
869	490236.72, 3860785.12	0.04733	0.04648	0.04484	0.04072	0.05408	8.89E-05	4.1E-06	8.1E-08	6E-08	9.32E-05	1.09E-04	5.00E-06	7.98E-08	3.38E-08	1.14E-04	9.61E-05	3.8E-06	7.7E-08	3.5E-08	0.0001
870	490286.72, 3860785.12	0.0474	0.04661	0.04499	0.04083	0.05421	8.91E-05	4.1E-06	8.1E-08	6.1E-08	9.33E-05	1.09E-04	5.01E-06	8.00E-08	3.39E-08	1.14E-04	9.62E-05	3.9E-06	7.8E-08	3.5E-08	0.0001
871	490336.72, 3860785.12	0.04745	0.04673	0.04513	0.04093	0.05436	8.92E-05	4.1E-06	8.1E-08	6.1E-08	9.34E-05	1.09E-04	5.02E-06	8.02E-08	3.40E-08	1.14E-04	9.63E-05	3.9E-06	7.8E-08	3.5E-08	0.0001
872	490386.72, 3860785.12	0.04762	0.04697	0.04538	0.04114	0.0546	8.95E-05	4.1E-06	8.2E-08	6.1E-08	9.38E-05	1.10E-04	5.05E-06	8.06E-08	3.41E-08	1.15E-04	9.67E-05	3.9E-06	7.8E-08	3.5E-08	0.0001
873	490436.72, 3860785.12	0.04768	0.0471	0.04552	0.04125	0.05481	8.96E-05	4.1E-06	8.2E-08	6.1E-08	9.39E-05	1.10E-04	5.06E-06	8.08E-08	3.43E-08	1.15E-04	9.68E-05	3.9E-06	7.8E-08	3.5E-08	0.0001
874	490486.72, 3860785.12	0.04782	0.04732	0.04575	0.04145	0.05509	8.99E-05	4.2E-06	8.2E-08	6.2E-08	9.42E-05	1.10E-04	5.09E-06	8.12E-08	3.45E-08	1.15E-04	9.71E-05	3.9E-06	7.9E-08	3.6E-08	0.0001
875	490536.72, 3860785.12	0.04778	0.04736	0.0458	0.04149	0.05528	8.98E-05	4.2E-06	8.2E-08	6.2E-08	9.41E-05	1.10E-04	5.09E-06	8.13E-08	3.46E-08	1.15E-04	9.70E-05	3.9E-06	7.9E-08	3.6E-08	0.0001
876	490586.72, 3860785.12	0.04765	0.04731	0.04576	0.04146	0.05543	8.95E-05	4.2E-06	8.2E-08	6.2E-08	9.38E-05	1.10E-04	5.09E-06	8.12E-08	3.47E-08	1.15E-04	9.67E-05	3.9E-06	7.9E-08	3.6E-08	0.0001
877	490636.72, 3860785.12	0.04764	0.04738	0.04582	0.04153	0.05565	8.95E-05	4.2E-06	8.2E-08	6.2E-08	9.38E-05	1.10E-04	5.09E-06	8.14E-08	3.48E-08	1.15E-04	9.67E-05	3.9E-06	7.9E-08	3.6E-08	0.0001
878	490686.72, 3860785.12	0.04766	0.0475	0.04592	0.04163	0.05589	8.96E-05	4.2E-06	8.3E-08	6.2E-08	9.39E-05	1.10E-04	5.11E-06	8.15E-08	3.50E-08	1.15E-04	9.68E-05	3.9E-06	7.9E-08	3.6E-08	0.0001
879	490736.72, 3860785.12	0.0477	0.04764	0.04605	0.04174	0.05613	8.96E-05	4.2E-06	8.3E-08	6.3E-08	9.40E-05	1.10E-04	5.12E-06	8.18E-08	3.51E-08	1.15E-04	9.68E-05	3.9E-06	7.9E-08	3.6E-08	0.0001
880	490086.72, 3860835.12	0.04594	0.04494	0.04335	0.03963	0.05247	8.63E-05	3.9E-06	7.9E-08	5.9E-08	9.04E-05	1.06E-04	4.83E-06	7.76E-08	3.28E-08	1.11E-04	9.33E-05	3.7E-06	7.5E-08	3.4E-08	1E-04
881	490136.72, 3860835.12	0.04607	0.04513	0.04354	0.03973	0.05258	8.66E-05	4E-06	7.9E-08	5.9E-08	9.07E-05	1.06E-04	4.85E-06	7.78E-08	3.29E-08	1.11E-04	9.35E-05	3.7E-06	7.6E-08	3.4E-08	1E-04
882	490186.72, 3860835.12	0.04608	0.0452	0.04361	0.03975	0.05263	8.66E-05	4E-06	7.9E-08	5.9E-08	9.07E-05	1.06E-04	4.86E-06	7.79E-08	3.29E-08	1.11E-04	9.36E-05	3.7E-06	7.6E-08	3.4E-08	1E-04
883	490236.72, 3860835.12	0.04612	0.0453	0.04372	0.0398	0.0527	8.67E-05	4E-06	7.9E-08	5.9E-08	9.08E-05	1.06E-04	4.87E-06	7.80E-08	3.30E-08	1.11E-04	9.36E-05	3.7E-06	7.6E-08	3.4E-08	1E-04
884	490286.72, 3860835.12	0.0462	0.04544	0.04388	0.0399	0.05282	8.68E-05	4E-06	7.9E-08	5.9E-08	9.09E-05	1.06E-04	4.88E-06	7.82E-08	3.30E-08	1.11E-04	9.38E-05	3.8E-06	7.6E-08	3.4E-08	1E-04
885	490336.72, 3860835.12	0.04624	0.04553	0.04399	0.03998	0.05293	8.69E-05	4E-06	7.9E-08	5.9E-08	9.10E-05	1.06E-04	4.89E-06	7.83E-08	3.31E-08	1.11E-04	9.39E-05	3.8E-06	7.6E-08	3.4E-08	1E-04
886	490386.72, 3860835.12	0.04631	0.04566	0.04414	0.04009	0.05308	8.70E-05	4E-06	8E-08	5.9E-08	9.12E-05	1.07E-04	4.91E-06	7.85E-08	3.32E-08	1.12E-04	9.40E-05	3.8E-06	7.6E-08	3.4E-08	1E-04
887	490436.72, 3860835.12	0.04643	0.04585	0.04435	0.04025	0.0533	8.73E-05	4E-06	8E-08	6E-08	9.14E-05	1.07E-04	4.93E-06	7.88E-08	3.33E-08	1.12E-04	9.43E-05	3.8E-06	7.7E-08	3.4E-08	1E-04
888	490486.72, 3860835.12	0.04653	0.04602	0.04453	0.0404	0.05353	8.74E-05	4E-06	8E-08	6E-08	9.16E-05	1.07E-04	4.95E-06	7.91E-08	3.35E-08	1.12E-04	9.45E-05	3.8E-06	7.7E-08	3.5E-08	1E-04
889	490536.72, 3860835.12	0.04657	0.04614	0.04465	0.04051	0.05375	8.75E-05	4E-06	8E-08	6E-08	9.17E-05	1.07E-04	4.96E-06	7.94E-08	3.36E-08	1.12E-04	9.46E-05	3.8E-06	7.7E-08	3.5E-08	1E-04
890	490586.72, 3860835.12	0.04655	0.04619	0.04471	0.04057	0.05394	8.75E-05	4.1E-06	8.1E-08	6E-08	9.17E-05	1.07E-04	4.97E-06	7.95E-08	3.37E-08	1.12E-04	9.45E-05	3.8E-06	7.7E-08	3.5E-08	1E-04
891	490636.72, 3860835.12	0.04652	0.04624	0.04477	0.04062	0.05414	8.74E-05	4.1E-06	8.1E-08	6E-08	9.16E-05	1.07E-04	4.97E-06	7.96E-08	3.39E-08	1.12E-04	9.45E-05	3.8E-06	7.7E-08	3.5E-08	1E-04
892	490686.72, 3860835.12	0.04655	0.04636	0.04487	0.04072	0.05439	8.75E-05	4.1E-06	8.1E-08	6.1E-08	9.17E-05	1.07E-04	4.98E-06	7.98E-08	3.40E-08	1.12E-04	9.45E-05	3.8E-06	7.7E-08	3.5E-08	1E-04

893	490736.72, 3860835.12	0.04661	0.04652	0.04502	0.04085	0.05465	8.76E-05	4.1E-06	8.1E-08	6.1E-08	9.18E-05	1.07E-04	5.00E-06	8.00E-08	3.42E-08	1.12E-04	9.46E-05	3.8E-06	7.8E-08	3.5E-08	1E-04
894	490086.72, 3860885.12	0.04487	0.0439	0.04239	0.03886	0.05125	8.43E-05	3.9E-06	7.7E-08	5.7E-08	8.83E-05	1.03E-04	4.72E-06	7.61E-08	3.21E-08	1.08E-04	9.11E-05	3.6E-06	7.4E-08	3.3E-08	9E-05
895	490136.72, 3860885.12	0.04493	0.04402	0.0425	0.03889	0.05131	8.44E-05	3.9E-06	7.7E-08	5.7E-08	8.84E-05	1.03E-04	4.73E-06	7.62E-08	3.21E-08	1.08E-04	9.12E-05	3.6E-06	7.4E-08	3.3E-08	9E-05
896	490186.72, 3860885.12	0.04497	0.04411	0.04259	0.03891	0.05136	8.45E-05	3.9E-06	7.7E-08	5.7E-08	8.85E-05	1.04E-04	4.74E-06	7.62E-08	3.21E-08	1.08E-04	9.13E-05	3.6E-06	7.4E-08	3.3E-08	1E-04
897	490236.72, 3860885.12	0.04502	0.04422	0.0427	0.03896	0.05143	8.46E-05	3.9E-06	7.7E-08	5.7E-08	8.86E-05	1.04E-04	4.75E-06	7.63E-08	3.22E-08	1.09E-04	9.14E-05	3.7E-06	7.4E-08	3.3E-08	1E-04
898	490286.72, 3860885.12	0.04506	0.04432	0.04281	0.03902	0.05151	8.47E-05	3.9E-06	7.7E-08	5.8E-08	8.87E-05	1.04E-04	4.76E-06	7.64E-08	3.22E-08	1.09E-04	9.15E-05	3.7E-06	7.4E-08	3.3E-08	1E-04
899	490336.72, 3860885.12	0.04509	0.0444	0.04291	0.03907	0.05159	8.47E-05	3.9E-06	7.8E-08	5.8E-08	8.88E-05	1.04E-04	4.77E-06	7.65E-08	3.23E-08	1.09E-04	9.15E-05	3.7E-06	7.4E-08	3.3E-08	1E-04
900	490386.72, 3860885.12	0.04518	0.04455	0.04308	0.03919	0.05173	8.49E-05	3.9E-06	7.8E-08	5.8E-08	8.89E-05	1.04E-04	4.79E-06	7.68E-08	3.24E-08	1.09E-04	9.17E-05	3.7E-06	7.5E-08	3.3E-08	1E-04
901	490436.72, 3860885.12	0.04529	0.04472	0.04327	0.03934	0.05191	8.51E-05	3.9E-06	7.8E-08	5.8E-08	8.92E-05	1.04E-04	4.81E-06	7.71E-08	3.25E-08	1.09E-04	9.20E-05	3.7E-06	7.5E-08	3.4E-08	1E-04
902	490486.72, 3860885.12	0.04537	0.04486	0.04342	0.03946	0.05209	8.53E-05	3.9E-06	7.8E-08	5.8E-08	8.93E-05	1.04E-04	4.82E-06	7.73E-08	3.26E-08	1.09E-04	9.21E-05	3.7E-06	7.5E-08	3.4E-08	1E-04
903	490536.72, 3860885.12	0.04542	0.04497	0.04355	0.03957	0.05228	8.54E-05	3.9E-06	7.9E-08	5.8E-08	8.94E-05	1.05E-04	4.83E-06	7.75E-08	3.27E-08	1.10E-04	9.22E-05	3.7E-06	7.5E-08	3.4E-08	1E-04
904	490586.72, 3860885.12	0.04543	0.04506	0.04365	0.03965	0.05248	8.54E-05	4E-06	7.9E-08	5.9E-08	8.95E-05	1.05E-04	4.84E-06	7.77E-08	3.28E-08	1.10E-04	9.22E-05	3.7E-06	7.5E-08	3.4E-08	1E-04
905	490636.72, 3860885.12	0.04543	0.04513	0.04372	0.03972	0.05268	8.54E-05	4E-06	7.9E-08	5.9E-08	8.95E-05	1.05E-04	4.85E-06	7.78E-08	3.29E-08	1.10E-04	9.22E-05	3.7E-06	7.6E-08	3.4E-08	1E-04
906	490686.72, 3860885.12	0.04544	0.04522	0.04382	0.03981	0.05291	8.54E-05	4E-06	7.9E-08	5.9E-08	8.95E-05	1.05E-04	4.86E-06	7.80E-08	3.31E-08	1.10E-04	9.23E-05	3.7E-06	7.6E-08	3.4E-08	1E-04
907	490736.72, 3860885.12	0.04546	0.04533	0.04392	0.0399	0.05314	8.54E-05	4E-06	7.9E-08	5.9E-08	8.95E-05	1.05E-04	4.87E-06	7.82E-08	3.32E-08	1.10E-04	9.23E-05	3.7E-06	7.6E-08	3.4E-08	1E-04
908	490086.72, 3860935.12	0.04377	0.04281	0.04139	0.03806	0.05003	8.23E-05	3.8E-06	7.6E-08	5.6E-08	8.61E-05	1.01E-04	4.60E-06	7.46E-08	3.13E-08	1.06E-04	8.89E-05	3.5E-06	7.2E-08	3.2E-08	9E-05
909	490136.72, 3860935.12	0.04377	0.04287	0.04143	0.03803	0.05004	8.23E-05	3.8E-06	7.5E-08	5.6E-08	8.61E-05	1.01E-04	4.61E-06	7.45E-08	3.13E-08	1.06E-04	8.89E-05	3.5E-06	7.2E-08	3.2E-08	9E-05
910	490186.72, 3860935.12	0.04385	0.04302	0.04156	0.03808	0.05012	8.24E-05	3.8E-06	7.6E-08	5.6E-08	8.63E-05	1.01E-04	4.62E-06	7.46E-08	3.13E-08	1.06E-04	8.90E-05	3.6E-06	7.2E-08	3.2E-08	9E-05
911	490236.72, 3860935.12	0.04392	0.04314	0.04168	0.03813	0.05019	8.25E-05	3.8E-06	7.6E-08	5.6E-08	8.65E-05	1.01E-04	4.64E-06	7.47E-08	3.14E-08	1.06E-04	8.92E-05	3.6E-06	7.3E-08	3.2E-08	9E-05
912	490286.72, 3860935.12	0.044	0.04327	0.04182	0.0382	0.05028	8.27E-05	3.8E-06	7.6E-08	5.6E-08	8.66E-05	1.01E-04	4.65E-06	7.48E-08	3.14E-08	1.06E-04	8.93E-05	3.6E-06	7.3E-08	3.2E-08	9E-05
913	490336.72, 3860935.12	0.04401	0.04334	0.0419	0.03824	0.05033	8.27E-05	3.8E-06	7.6E-08	5.6E-08	8.66E-05	1.01E-04	4.66E-06	7.49E-08	3.15E-08	1.06E-04	8.94E-05	3.6E-06	7.3E-08	3.3E-08	9E-05
914	490386.72, 3860935.12	0.04411	0.0435	0.04207	0.03835	0.05046	8.29E-05	3.8E-06	7.6E-08	5.6E-08	8.68E-05	1.02E-04	4.68E-06	7.51E-08	3.16E-08	1.06E-04	8.96E-05	3.6E-06	7.3E-08	3.3E-08	9E-05
915	490436.72, 3860935.12	0.04421	0.04365	0.04224	0.03847	0.05061	8.31E-05	3.8E-06	7.6E-08	5.7E-08	8.70E-05	1.02E-04	4.69E-06	7.54E-08	3.17E-08	1.07E-04	8.98E-05	3.6E-06	7.3E-08	3.3E-08	9E-05
916	490486.72, 3860935.12	0.04426	0.04376	0.04237	0.03857	0.05075	8.32E-05	3.8E-06	7.7E-08	5.7E-08	8.71E-05	1.02E-04	4.70E-06	7.56E-08	3.17E-08	1.07E-04	8.99E-05	3.6E-06	7.3E-08	3.3E-08	9E-05
917	490536.72, 3860935.12	0.04433	0.04389	0.04252	0.03869	0.05092	8.33E-05	3.9E-06	7.7E-08	5.7E-08	8.73E-05	1.02E-04	4.72E-06	7.58E-08	3.18E-08	1.07E-04	9.00E-05	3.6E-06	7.4E-08	3.3E-08	9E-05
918	490586.72, 3860935.12	0.04435	0.04397	0.04262	0.03877	0.05109	8.33E-05	3.9E-06	7.7E-08	5.7E-08	8.73E-05	1.02E-04	4.73E-06	7.59E-08	3.20E-08	1.07E-04	9.00E-05	3.6E-06	7.4E-08	3.3E-08	9E-05
919	490636.72, 3860935.12	0.04436	0.04405	0.04271	0.03885	0.05127	8.34E-05	3.9E-06	7.7E-08	5.7E-08	8.74E-05	1.02E-04	4.74E-06	7.61E-08	3.21E-08	1.07E-04	9.01E-05	3.6E-06	7.4E-08	3.3E-08	9E-05
920	490686.72, 3860935.12	0.04439	0.04415	0.04281	0.03894	0.05149	8.34E-05	3.9E-06	7.7E-08	5.8E-08	8.74E-05	1.02E-04	4.75E-06	7.63E-08	3.22E-08	1.07E-04	9.01E-05	3.7E-06	7.4E-08	3.3E-08	9E-05
921	490736.72, 3860935.12	0.04441	0.04424	0.04291	0.03903	0.05171	8.35E-05	3.9E-06	7.7E-08	5.8E-08	8.75E-05	1.02E-04	4.76E-06	7.65E-08	3.23E-08	1.07E-04	9.02E-05	3.7E-06	7.4E-08	3.3E-08	9E-05
922	490786.72, 3860935.12	0.04442	0.04434	0.043	0.03912	0.05194	8.35E-05	3.9E-06	7.8E-08	5.8E-08	8.75E-05	1.02E-04	4.77E-06	7.66E-08	3.25E-08	1.07E-04	9.02E-05	3.7E-06	7.4E-08	3.4E-08	9E-05
923	490836.72, 3860935.12	0.04448	0.04449	0.04314	0.03924	0.0522	8.36E-05	3.9E-06	7.8E-08	5.8E-08	8.76E-05	1.02E-04	4.78E-06	7.69E-08	3.26E-08	1.07E-04	9.03E-05	3.7E-06	7.5E-08	3.4E-08	9E-05
924	490086.72, 3860985.12	0.04277	0.04183	0.04048	0.03734	0.0489	8.04E-05	3.7E-06	7.4E-08	5.5E-08	8.42E-05	9.85E-05	4.50E-06	7.31E-08	3.06E-08	1.03E-04	8.68E-05	3.5E-06	7.1E-08	3.2E-08	9E-05
925	490136.72, 3860985.12	0.04281	0.04193	0.04056	0.03734	0.04894	8.04E-05	3.7E-06	7.4E-08	5.5E-08	8.43E-05	9.86E-05	4.51E-06	7.31E-08	3.06E-08	1.03E-04	8.69E-05	3.5E-06	7.1E-08	3.2E-08	9E-05
926	490186.72, 3860985.12	0.0429	0.04207	0.04068	0.03738	0.04901	8.06E-05	3.7E-06	7.4E-08	5.5E-08	8.44E-05	9.88E-05	4.52E-06	7.32E-08	3.07E-08	1.03E-04	8.71E-05	3.5E-06	7.1E-08	3.2E-08	9E-05
927	490236.72, 3860985.12	0.0429	0.04213	0.04074	0.03736	0.04903	8.06E-05	3.7E-06	7.4E-08	5.5E-08	8.44E-05	9.88E-05	4.53E-06	7.32E-08	3.07E-08	1.03E-04	8.71E-05	3.5E-06	7.1E-08	3.2E-08	9E-05
928	490286.72, 3860985.12	0.04293	0.04222	0.04083	0.03739	0.04908	8.07E-05	3.7E-06	7.4E-08	5.5E-08	8.45E-05	9.89E-05	4.54E-06	7.32E-08	3.07E-08	1.04E-04	8.72E-05	3.5E-06	7.1E-08	3.2E-08	9E-05
929	490336.72, 3860985.12	0.04299	0.04233	0.04094	0.03744	0.04914	8.08E-05	3.7E-06	7.4E-08	5.5E-08	8.46E-05	9.90E-05	4.55E-06	7.33E-08	3.07E-08	1.04E-04	8.73E-05	3.5E-06	7.1E-08	3.2E-08	9E-05
930	490386.72, 3860985.12	0.04306	0.04245	0.04108	0.03752	0.04923	8.09E-05	3.7E-06	7.4E-08	5.5E-08	8.48E-05	9.92E-05	4.56E-06	7.35E-08	3.08E-08	1.04E-04	8.74E-05	3.5E-06	7.1E-08	3.2E-08	9E-05
931	490436.72, 3860985.12	0.04319	0.04264	0.04127	0.03766	0.04938	8.12E-05	3.7E-06	7.5E-08	5.5E-08	8.50E-05	9.95E-05	4.58E-06	7.38E-08	3.09E-08	1.04E-04	8.77E-05	3.5E-06	7.2E-08	3.2E-08	9E-05
932	490486.72, 3860985.12	0.04323	0.04273	0.04139	0.03774	0.04949	8.12E-05	3.7E-06	7.5E-08	5.5E-08	8.51E-05	9.96E-05	4.59E-06	7.39E-08	3.10E-08	1.04E-04	8.78E-05	3.5E-06	7.2E-08	3.2E-08	9E-05
933	490536.72, 3860985.12	0.04326	0.04281	0.04149	0.03781	0.04961	8.13E-05	3.8E-06	7.5E-08	5.5E-08	8.52E-05	9.96E-05	4.60E-06	7.41E-08	3.10E-08	1.04E-04	8.78E-05	3.5E-06	7.2E-08	3.2E-08	9E-05
934	490586.72, 3860985.12	0.04329	0.0429	0.0416	0.0379	0.04975	8.14E-05	3.8E-06	7.5E-08	5.6E-08	8.52E-05	9.97E-05	4.61E-06	7.42E-08	3.11E-08	1.04E-04	8.79E-05	3.5E-06	7.2E-08	3.2E-08	9E-05
935	490636.72, 3860985.12	0.04335	0.04302	0.04173	0.03801	0.04995	8.15E-05	3.8E-06	7.5E-08	5.6E-08	8.54E-05	9.98E-05	4.62E-06	7.45E-08	3.12E-08	1.05E-04	8.80E-05	3.6E-06	7.2E-08	3.2E-08	9E-05
936	490686.72, 3860985.12	0.04337	0.04311	0.04183	0.03809	0.05013	8.15E-05	3.8E-06	7.6E-08	5.6E-08	8.54E-05	9.99E-05	4.63E-06	7.46E-08	3.14E-08	1.05E-04	8.81E-05	3.6E-06	7.2E-08	3.2E-08	9E-05
937	490736.72, 3860985.12	0.04338	0.04319	0.04191	0.03817	0.05033	8.15E-05	3.8E-06	7.6E-08	5.6E-08	8.54E-05	9.99E-05	4.64E-06	7.48E-08	3.15E-08	1.05E-04	8.81E-05	3.6E-06	7.3E-08	3.3E-08	9E-05
938	490786.72, 3860985.12	0.04341	0.0433	0.04203	0.03827	0.05056	8.16E-05	3.8E-06	7.6E-08	5.6E-08	8.55E-05	1.00E-04	4.65E-06	7.50E-08	3.16E-08	1.05E-04	8.81E-05	3.6E-06	7.3E-08	3.3E-08	9E-05
939	490836.72, 3860985.12	0.04347	0.04344	0.04216	0.03839	0.05082	8.17E-05	3.8E-06	7.6E-08	5.7E-08	8.56E-05	1.00E-04	4.67E-06	7.52E-08	3.18E-08	1.05E-04	8.83E-05	3.6E-06	7.3E-08	3.3E-08	9E-05
940	490086.72, 3861035.12	0.0418	0.04086	0.0396	0.03664	0.0478	7.86E-05	3.6E-06	7.3E-08	5.3E-08	8.23E-05	9.63E-05	4.39E-06	7.18E-08	2.99E-08	1.01E-04	8.49E-05	3.4E-06	7E-08	3.1E-08	9E-05
941	490136.72, 3861035.12	0.04185	0.04098	0.03968	0.03664	0.04785	7.86E-05	3.6E-06	7.3E-08	5.3E-08	8.24E-05	9.64E-05	4.41E-06	7.18E-08	2.99E-08	1.01E-04	8.50E-05	3.4E-06	7E-08	3.1E-08	9E-05
942	490186.72, 3861035.12	0.04189	0.04107	0.03976	0.03664	0.04788	7.87E-05	3.6E-06	7.3E-08	5.3E-08	8.24E-05	9.65E-05	4.42E-06	7.18E-08	2.99E-08	1.01E-04	8.51E-05	3.4E-06	7E-08	3.1E-08	9E-05
943	490236.72, 3861035.12	0.04195	0.04119	0.03986	0.03666	0.04794	7.88E-05	3.6E-06	7.3E-08	5.4E-08	8.26E-05	9.66E-05	4.43E-06	7.18E-08	3.00E-08	1.01E-04	8.52E-05	3.4E-06	7E-08	3.1E-08	9E-05
944	490286.72, 3861035.12	0.04196	0.04125	0.03992	0.03665	0.04795	7.89E-05	3.6E-06	7.3E-08	5.4E-08	8.26E-05	9.66E-05	4.43E-06	7.18E-08	3.00E-08	1.01E-04	8.52E-05	3.4E-06	7E-08	3.1E-08	9E-05
945	490336.72, 3861035.12	0.04198	0.04133	0.04	0.03667	0.04799	7.89E-05	3.6E-06	7.3E-08	5.4E-08	8.26E-05	9.67E-05	4.44E-06	7.18E-08	3.00E-08	1.01E-04	8.52E-05	3.4E-06	7E-08	3.1E-08	9E-05
946	490386.72, 3861035.12	0.04209	0.04149	0.04016	0.03677	0.0481	7.91E-05	3.6E-06	7.3E-08	5.4E-08	8.29E-05	9.69E-05	4.46E-06	7.20E-08	3.01E-08	1.01E-04	8.55E-05	3.4E-06	7E-08	3.1E-08	9E-05
947	490436.72, 3861035.12	0.0422	0.04166	0.04034	0.03688	0.04822	7.93E-05	3.7E-06	7.3E-08	5.4E-08	8.31E-05	9.72E-05	4.48E-06	7.22E-08	3.02E-08	1.02E-04	8.57E-05	3.4E-06	7E-08	3.1E-08	9E-05
948	490486.72, 3861035.12	0.04225	0.04176	0.04046	0.03695	0.04831	7.94E-05	3.7E-06	7.3E-08	5.4E-08	8.32E-05	9.73E-05	4.49E-06	7.24E-08	3.02E-08	1.02E-04	8.58E-05	3.5E-06	7E-08	3.1E-08	9E-05
949	490536.72, 3861035.12	0.04228	0.04184	0.04056	0.03702	0.04841	7.95E-05	3.7E-06	7.3E-08	5.4E-08	8.33E-05	9.74E-05	4.50E-06	7.25E-08	3.03E-08	1.02E-04	8.58E-05	3.5E-06	7E-08	3.1E-08	9E-05
950	490586.72, 3861035.12	0.04231	0.04192	0.04065	0.03709	0.04852	7.95E-05	3.7E-06	7.4E-08	5.4E-08	8.33E-05	9.74E-05	4.51E-06	7.27E-08	3.03E-08	1.02E-04	8.59E-05	3.5E-06	7.1E-08	3.1E-08	9E-05
951	490636.72, 3861035.12	0.04233	0.042	0.04075	0.03717	0.04866	7.95E-05	3.7E-06	7.4E-08	5.4E-08	8.34E-05	9.75E-05	4.52E-06	7.28E-08	3.04E-08	1.02E-04	8.59E-05	3.5E-06	7.1E-08	3.1E-08	9E-05
952	490686.72, 3861035.12	0.04235	0.04208	0.04085	0.03725	0.04882	7.96E-05	3.7E-06	7.4E-08	5.5E-08	8.34E-05	9.75E-05	4.52E-06	7.30E-08	3.05E-08	1.02E-04	8.60E-05	3.5E-06	7.1E-08	3.2E-08	9E-05
953	490736.72, 3861035.12	0.04238	0.04217	0.04095	0.03734	0.04901	7.96E-05	3.7E-06	7.4E-08	5.5E-08	8.35E-05	9.76E-05	4.53E-06	7.31E-08	3.07E-08	1.02E-04	8.60E-05	3.5E-06	7.1E-08	3.2E-08	9E-05
954	490786.72, 3861035.12	0.04243	0.04229	0.04108	0.03745	0.04924	7.97E-05	3.7E-06	7.4E-08	5.5E-08	8.36E-05	9.77E-05	4.55E-06	7.34E-08	3.08E-08	1.02E-04	8.61E-05	3.5E-06	7.1E-08	3.2E-08	9E-05
955	490836.72, 3861035.12	0.04249	0.04243	0.04121	0.03757	0.04948	7.98E-05	3.7E-06	7.5E-08	5.5E-08	8.37E-05	9.78E-05	4.56E-06	7.36E-08	3.09E-08	1.03E-04	8.63E-05	3.5E-06	7.1E-08	3.2E-08	9E-05
956	490086.72, 3861085.12	0.04087	0.03995	0.03876	0.03597	0.04675	7.68E-05	3.5E-06	7.1E-08	5.2E-08	8.04E-05	9.41E-05	4.29E-06	7.05E-08	2.92E-08	9.85E-05	8.30E-05	3.3E-06	6.8E-08	3E-08	9E-05

957	490136.72, 3861085.12	0.04097	0.0401	0.03888	0.03601	0.04683	7.70E-05	3.5E-06	7.1E-08	5.2E-08	8.06E-05	9.43E-05	4.31E-06	7.05E-08	2.93E-08	9.88E-05	8.32E-05	3.3E-06	6.9E-08	3E-08	9E-05
958	490186.72, 3861085.12	0.04108	0.04027	0.03902	0.03606	0.04691	7.72E-05	3.5E-06	7.2E-08	5.2E-08	8.09E-05	9.46E-05	4.33E-06	7.06E-08	2.93E-08	9.90E-05	8.34E-05	3.3E-06	6.9E-08	3E-08	9E-05
959	490236.72, 3861085.12	0.04107	0.04031	0.03905	0.03601	0.04691	7.72E-05	3.5E-06	7.1E-08	5.2E-08	8.08E-05	9.46E-05	4.33E-06	7.05E-08	2.93E-08	9.90E-05	8.34E-05	3.3E-06	6.9E-08	3E-08	9E-05
960	490286.72, 3861085.12	0.04107	0.04037	0.0391	0.03599	0.04692	7.72E-05	3.5E-06	7.1E-08	5.2E-08	8.08E-05	9.46E-05	4.34E-06	7.05E-08	2.93E-08	9.90E-05	8.34E-05	3.3E-06	6.8E-08	3E-08	9E-05
961	490336.72, 3861085.12	0.04108	0.04044	0.03915	0.03598	0.04694	7.72E-05	3.5E-06	7.1E-08	5.2E-08	8.09E-05	9.46E-05	4.35E-06	7.05E-08	2.94E-08	9.90E-05	8.34E-05	3.3E-06	6.8E-08	3E-08	9E-05
962	490386.72, 3861085.12	0.04117	0.04058	0.03929	0.03606	0.04703	7.74E-05	3.6E-06	7.2E-08	5.3E-08	8.11E-05	9.48E-05	4.36E-06	7.06E-08	2.94E-08	9.93E-05	8.36E-05	3.4E-06	6.9E-08	3E-08	9E-05
963	490436.72, 3861085.12	0.04122	0.04068	0.03941	0.03611	0.04709	7.75E-05	3.6E-06	7.2E-08	5.3E-08	8.12E-05	9.49E-05	4.37E-06	7.07E-08	2.95E-08	9.94E-05	8.37E-05	3.4E-06	6.9E-08	3E-08	9E-05
964	490486.72, 3861085.12	0.04127	0.04078	0.03952	0.03617	0.04717	7.76E-05	3.6E-06	7.2E-08	5.3E-08	8.13E-05	9.50E-05	4.38E-06	7.09E-08	2.95E-08	9.95E-05	8.38E-05	3.4E-06	6.9E-08	3E-08	9E-05
965	490536.72, 3861085.12	0.04136	0.04092	0.03967	0.03627	0.04728	7.77E-05	3.6E-06	7.2E-08	5.3E-08	8.14E-05	9.52E-05	4.40E-06	7.11E-08	2.96E-08	9.97E-05	8.40E-05	3.4E-06	6.9E-08	3.1E-08	9E-05
966	490586.72, 3861085.12	0.04137	0.04098	0.03975	0.03632	0.04736	7.77E-05	3.6E-06	7.2E-08	5.3E-08	8.15E-05	9.53E-05	4.41E-06	7.11E-08	2.96E-08	9.98E-05	8.40E-05	3.4E-06	6.9E-08	3.1E-08	9E-05
967	490636.72, 3861085.12	0.04135	0.04101	0.03981	0.03636	0.04745	7.77E-05	3.6E-06	7.2E-08	5.3E-08	8.14E-05	9.52E-05	4.41E-06	7.12E-08	2.97E-08	9.97E-05	8.40E-05	3.4E-06	6.9E-08	3.1E-08	9E-05
968	490686.72, 3861085.12	0.04138	0.04109	0.0399	0.03643	0.04758	7.78E-05	3.6E-06	7.2E-08	5.3E-08	8.15E-05	9.53E-05	4.42E-06	7.14E-08	2.98E-08	9.98E-05	8.40E-05	3.4E-06	6.9E-08	3.1E-08	9E-05
969	490736.72, 3861085.12	0.04142	0.0412	0.04002	0.03654	0.04776	7.78E-05	3.6E-06	7.3E-08	5.3E-08	8.16E-05	9.54E-05	4.43E-06	7.16E-08	2.99E-08	9.99E-05	8.41E-05	3.4E-06	7E-08	3.1E-08	9E-05
970	490786.72, 3861085.12	0.04148	0.04131	0.04015	0.03664	0.04796	7.79E-05	3.6E-06	7.3E-08	5.4E-08	8.17E-05	9.55E-05	4.44E-06	7.18E-08	3.00E-08	1.00E-04	8.42E-05	3.4E-06	7E-08	3.1E-08	9E-05
971	490836.72, 3861085.12	0.04153	0.04143	0.04027	0.03675	0.04818	7.80E-05	3.6E-06	7.3E-08	5.4E-08	8.18E-05	9.56E-05	4.45E-06	7.20E-08	3.01E-08	1.00E-04	8.43E-05	3.4E-06	7E-08	3.1E-08	9E-05
972	490086.72, 3861135.12	0.03998	0.03906	0.03795	0.03532	0.04574	7.51E-05	3.4E-06	7E-08	5.1E-08	7.87E-05	9.21E-05	4.20E-06	6.92E-08	2.86E-08	9.64E-05	8.12E-05	3.2E-06	6.7E-08	3E-08	8E-05
973	490136.72, 3861135.12	0.04006	0.03919	0.03805	0.03534	0.04579	7.53E-05	3.4E-06	7E-08	5.1E-08	7.88E-05	9.23E-05	4.21E-06	6.92E-08	2.86E-08	9.66E-05	8.13E-05	3.2E-06	6.7E-08	3E-08	8E-05
974	490186.72, 3861135.12	0.04015	0.03933	0.03816	0.03537	0.04586	7.55E-05	3.5E-06	7E-08	5.1E-08	7.90E-05	9.25E-05	4.23E-06	6.93E-08	2.87E-08	9.68E-05	8.15E-05	3.3E-06	6.7E-08	3E-08	8E-05
975	490236.72, 3861135.12	0.04021	0.03945	0.03825	0.03538	0.04591	7.56E-05	3.5E-06	7E-08	5.1E-08	7.91E-05	9.26E-05	4.24E-06	6.93E-08	2.87E-08	9.69E-05	8.16E-05	3.3E-06	6.7E-08	3E-08	9E-05
976	490286.72, 3861135.12	0.04023	0.03953	0.03832	0.03537	0.04594	7.56E-05	3.5E-06	7E-08	5.1E-08	7.92E-05	9.26E-05	4.25E-06	6.93E-08	2.87E-08	9.70E-05	8.17E-05	3.3E-06	6.7E-08	3E-08	9E-05
977	490336.72, 3861135.12	0.04024	0.0396	0.03837	0.03535	0.04595	7.56E-05	3.5E-06	7E-08	5.1E-08	7.92E-05	9.27E-05	4.26E-06	6.92E-08	2.87E-08	9.70E-05	8.17E-05	3.3E-06	6.7E-08	3E-08	9E-05
978	490386.72, 3861135.12	0.04029	0.0397	0.03846	0.03538	0.046	7.57E-05	3.5E-06	7E-08	5.1E-08	7.93E-05	9.28E-05	4.27E-06	6.93E-08	2.88E-08	9.71E-05	8.18E-05	3.3E-06	6.7E-08	3E-08	9E-05
979	490436.72, 3861135.12	0.04032	0.03978	0.03855	0.0354	0.04604	7.58E-05	3.5E-06	7E-08	5.1E-08	7.94E-05	9.28E-05	4.28E-06	6.93E-08	2.88E-08	9.72E-05	8.19E-05	3.3E-06	6.7E-08	3E-08	9E-05
980	490486.72, 3861135.12	0.04037	0.03988	0.03866	0.03546	0.04611	7.59E-05	3.5E-06	7E-08	5.2E-08	7.95E-05	9.30E-05	4.29E-06	6.95E-08	2.88E-08	9.74E-05	8.20E-05	3.3E-06	6.7E-08	3E-08	9E-05
981	490536.72, 3861135.12	0.04042	0.03998	0.03877	0.03552	0.04618	7.60E-05	3.5E-06	7.1E-08	5.2E-08	7.96E-05	9.31E-05	4.30E-06	6.96E-08	2.89E-08	9.75E-05	8.21E-05	3.3E-06	6.8E-08	3E-08	9E-05
982	490586.72, 3861135.12	0.04044	0.04005	0.03886	0.03557	0.04625	7.60E-05	3.5E-06	7.1E-08	5.2E-08	7.96E-05	9.31E-05	4.31E-06	6.97E-08	2.89E-08	9.75E-05	8.21E-05	3.3E-06	6.8E-08	3E-08	9E-05
983	490636.72, 3861135.12	0.04044	0.04009	0.03892	0.0356	0.04631	7.60E-05	3.5E-06	7.1E-08	5.2E-08	7.96E-05	9.31E-05	4.31E-06	6.97E-08	2.90E-08	9.75E-05	8.21E-05	3.3E-06	6.8E-08	3E-08	9E-05
984	490686.72, 3861135.12	0.04047	0.04018	0.03902	0.03568	0.04643	7.61E-05	3.5E-06	7.1E-08	5.2E-08	7.97E-05	9.32E-05	4.32E-06	6.99E-08	2.90E-08	9.76E-05	8.22E-05	3.3E-06	6.8E-08	3E-08	9E-05
985	490736.72, 3861135.12	0.04053	0.04028	0.03915	0.03578	0.04659	7.62E-05	3.5E-06	7.1E-08	5.2E-08	7.98E-05	9.33E-05	4.33E-06	7.01E-08	2.91E-08	9.78E-05	8.23E-05	3.3E-06	6.8E-08	3E-08	9E-05
986	490786.72, 3861135.12	0.04058	0.04039	0.03927	0.03588	0.04676	7.63E-05	3.5E-06	7.1E-08	5.2E-08	7.99E-05	9.34E-05	4.34E-06	7.03E-08	2.92E-08	9.79E-05	8.24E-05	3.3E-06	6.8E-08	3E-08	9E-05
987	490836.72, 3861135.12	0.04061	0.04049	0.03938	0.03598	0.04695	7.63E-05	3.6E-06	7.1E-08	5.2E-08	8.00E-05	9.35E-05	4.35E-06	7.05E-08	2.94E-08	9.80E-05	8.25E-05	3.3E-06	6.8E-08	3E-08	9E-05
988	490086.72, 3861185.12	0.03912	0.03821	0.03717	0.03469	0.04476	7.35E-05	3.4E-06	6.9E-08	5E-08	7.70E-05	9.01E-05	4.11E-06	6.80E-08	2.80E-08	9.43E-05	7.94E-05	3.2E-06	6.6E-08	2.9E-08	8E-05
989	490136.72, 3861185.12	0.03913	0.03826	0.0372	0.03466	0.04477	7.35E-05	3.4E-06	6.9E-08	5E-08	7.70E-05	9.01E-05	4.11E-06	6.79E-08	2.80E-08	9.43E-05	7.94E-05	3.2E-06	6.6E-08	2.9E-08	8E-05
990	490186.72, 3861185.12	0.0392	0.03838	0.03729	0.03467	0.04482	7.37E-05	3.4E-06	6.9E-08	5E-08	7.72E-05	9.03E-05	4.13E-06	6.79E-08	2.80E-08	9.45E-05	7.96E-05	3.2E-06	6.6E-08	2.9E-08	8E-05
991	490236.72, 3861185.12	0.03927	0.0385	0.03738	0.03469	0.04487	7.38E-05	3.4E-06	6.9E-08	5E-08	7.73E-05	9.04E-05	4.14E-06	6.80E-08	2.81E-08	9.47E-05	7.97E-05	3.2E-06	6.6E-08	2.9E-08	8E-05
992	490286.72, 3861185.12	0.03937	0.03866	0.03751	0.03473	0.04495	7.40E-05	3.4E-06	6.9E-08	5E-08	7.75E-05	9.07E-05	4.16E-06	6.80E-08	2.81E-08	9.49E-05	7.99E-05	3.2E-06	6.6E-08	2.9E-08	8E-05
993	490336.72, 3861185.12	0.03931	0.03866	0.0375	0.03466	0.04492	7.39E-05	3.4E-06	6.9E-08	5E-08	7.74E-05	9.05E-05	4.16E-06	6.79E-08	2.81E-08	9.48E-05	7.98E-05	3.2E-06	6.6E-08	2.9E-08	8E-05
994	490386.72, 3861185.12	0.03936	0.03877	0.03759	0.03467	0.04497	7.40E-05	3.4E-06	6.9E-08	5E-08	7.75E-05	9.06E-05	4.17E-06	6.79E-08	2.81E-08	9.49E-05	7.99E-05	3.2E-06	6.6E-08	2.9E-08	8E-05
995	490436.72, 3861185.12	0.03945	0.03891	0.03772	0.03473	0.04504	7.41E-05	3.4E-06	6.9E-08	5E-08	7.77E-05	9.08E-05	4.18E-06	6.80E-08	2.82E-08	9.51E-05	8.01E-05	3.2E-06	6.6E-08	2.9E-08	8E-05
996	490486.72, 3861185.12	0.03948	0.03899	0.03781	0.03476	0.04508	7.42E-05	3.4E-06	6.9E-08	5E-08	7.77E-05	9.09E-05	4.19E-06	6.81E-08	2.82E-08	9.52E-05	8.02E-05	3.2E-06	6.6E-08	2.9E-08	8E-05
997	490536.72, 3861185.12	0.0396	0.03916	0.03798	0.03486	0.04519	7.44E-05	3.4E-06	6.9E-08	5E-08	7.80E-05	9.12E-05	4.21E-06	6.83E-08	2.83E-08	9.55E-05	8.04E-05	3.2E-06	6.6E-08	2.9E-08	8E-05
998	490586.72, 3861185.12	0.0396	0.0392	0.03804	0.03488	0.04522	7.44E-05	3.4E-06	6.9E-08	5.1E-08	7.80E-05	9.12E-05	4.21E-06	6.83E-08	2.83E-08	9.55E-05	8.04E-05	3.2E-06	6.6E-08	2.9E-08	8E-05
999	490636.72, 3861185.12	0.03955	0.0392	0.03806	0.03487	0.04524	7.43E-05	3.4E-06	6.9E-08	5.1E-08	7.79E-05	9.11E-05	4.21E-06	6.83E-08	2.83E-08	9.54E-05	8.03E-05	3.2E-06	6.6E-08	2.9E-08	8E-05
1000	490686.72, 3861185.12	0.03957	0.03927	0.03815	0.03494	0.04533	7.44E-05	3.4E-06	6.9E-08	5.1E-08	7.79E-05	9.11E-05	4.22E-06	6.84E-08	2.84E-08	9.54E-05	8.03E-05	3.2E-06	6.6E-08	2.9E-08	8E-05
1001	490736.72, 3861185.12	0.03966	0.0394	0.0383	0.03505	0.04548	7.45E-05	3.5E-06	7E-08	5.1E-08	7.81E-05	9.13E-05	4.24E-06	6.87E-08	2.84E-08	9.57E-05	8.05E-05	3.3E-06	6.7E-08	2.9E-08	8E-05
1002	490786.72, 3861185.12	0.03972	0.03952	0.03843	0.03516	0.04564	7.46E-05	3.5E-06	7E-08	5.1E-08	7.82E-05	9.15E-05	4.25E-06	6.89E-08	2.85E-08	9.58E-05	8.06E-05	3.3E-06	6.7E-08	2.9E-08	8E-05
1003	490836.72, 3861185.12	0.03976	0.03962	0.03854	0.03525	0.04581	7.47E-05	3.5E-06	7E-08	5.1E-08	7.83E-05	9.16E-05	4.26E-06	6.91E-08	2.87E-08	9.59E-05	8.07E-05	3.3E-06	6.7E-08	3E-08	8E-05
1004	490086.72, 3861235.12	0.03827	0.03738	0.0364	0.03407	0.0438	7.19E-05	3.3E-06	6.8E-08	4.9E-08	7.53E-05	8.81E-05	4.02E-06	6.67E-08	2.74E-08	9.22E-05	7.77E-05	3.1E-06	6.5E-08	2.8E-08	8E-05
1005	490136.72, 3861235.12	0.0383	0.03744	0.03645	0.03405	0.04382	7.20E-05	3.3E-06	6.8E-08	4.9E-08	7.54E-05	8.82E-05	4.02E-06	6.67E-08	2.74E-08	9.23E-05	7.78E-05	3.1E-06	6.5E-08	2.8E-08	8E-05
1006	490186.72, 3861235.12	0.03837	0.03755	0.03653	0.03406	0.04387	7.21E-05	3.3E-06	6.8E-08	4.9E-08	7.55E-05	8.84E-05	4.04E-06	6.67E-08	2.74E-08	9.25E-05	7.79E-05	3.1E-06	6.5E-08	2.8E-08	8E-05
1007	490236.72, 3861235.12	0.03839	0.03761	0.03657	0.03403	0.04388	7.21E-05	3.3E-06	6.8E-08	4.9E-08	7.56E-05	8.84E-05	4.04E-06	6.67E-08	2.74E-08	9.25E-05	7.79E-05	3.1E-06	6.5E-08	2.8E-08	8E-05
1008	490386.72, 3861235.12	0.03848	0.03788	0.03676	0.034	0.04397	7.23E-05	3.3E-06	6.7E-08	4.9E-08	7.58E-05	8.86E-05	4.07E-06	6.66E-08	2.75E-08	9.28E-05	7.81E-05	3.1E-06	6.5E-08	2.8E-08	8E-05
1009	490436.72, 3861235.12	0.0385	0.03795	0.03683	0.034	0.044	7.23E-05	3.3E-06	6.7E-08	4.9E-08	7.58E-05	8.87E-05	4.08E-06	6.66E-08	2.75E-08	9.28E-05	7.82E-05	3.1E-06	6.5E-08	2.8E-08	8E-05
1010	490486.72, 3861235.12	0.03854	0.03804	0.03691	0.03402	0.04404	7.24E-05	3.3E-06	6.8E-08	4.9E-08	7.59E-05	8.88E-05	4.09E-06	6.66E-08	2.75E-08	9.29E-05	7.83E-05	3.1E-06	6.5E-08	2.8E-08	8E-05
1011	490536.72, 3861235.12	0.03871	0.03827	0.03713	0.03416	0.04418	7.27E-05	3.4E-06	6.8E-08	4.9E-08	7.62E-05	8.91E-05	4.11E-06	6.69E-08	2.76E-08	9.34E-05	7.86E-05	3.2E-06	6.5E-08	2.9E-08	8E-05
1012	490586.72, 3861235.12	0.03882	0.03842	0.03729	0.03426	0.04428	7.30E-05	3.4E-06	6.8E-08	4.9E-08	7.64E-05	8.94E-05	4.13E-06	6.71E-08	2.77E-08	9.36E-05	7.88E-05	3.2E-06	6.5E-08	2.9E-08	8E-05
1013	490636.72, 3861235.12	0.03869	0.03834	0.03723	0.03418	0.04422	7.27E-05	3.4E-06	6.8E-08	4.9E-08	7.62E-05	8.91E-05	4.12E-06	6.70E-08	2.77E-08	9.33E-05	7.86E-05	3.2E-06	6.5E-08	2.9E-08	8E-05
1014	490686.72, 3861235.12	0.03873	0.03842	0.03732	0.03424	0.04429	7.28E-05	3.4E-06	6.8E-08	4.9E-08	7.63E-05	8.92E-05	4.13E-06	6.71E-08	2.77E-08	9.34E-05	7.86E-05	3.2E-06	6.5E-08	2.9E-08	8E-05
1015	490736.72, 3861235.12	0.03881	0.03854	0.03747	0.03434	0.04442	7.29E-05	3.4E-06	6.8E-08	5E-08	7.64E-05	8.94E-05	4.14E-06	6.73E-08	2.78E-08	9.36E-05	7.88E-05	3.2E-06	6.5E-08	2.9E-08	8E-05
1016	490786.72, 3861235.12	0.03889	0.03868	0.03762	0.03446	0.04457	7.31E-05	3.4E-06	6.8E-08	5E-08	7.66E-05	8.96E-05	4.16E-06	6.75E-08	2.79E-08	9.38E-05	7.90E-05	3.2E-06	6.6E-08	2.9E-08	8E-05
1017	490836.72, 3861235.12	0.03894	0.03877	0.03773	0.03455	0.04471	7.32E-05	3.4E-06	6.9E-08	5E-08	7.67E-05	8.97E-05	4.17E-06	6.77E-08	2.80E-08	9.39E-05	7.91E-05	3.2E-06	6.6E-08	2.9E-08	8E-05
1018	490086.72, 3861285.12	0.03752	0.03665	0.03573	0.03351	0.04292	7.05E-05	3.2E-06	6.7E-08	4.8E-08	7.38E-05	8.64E-05	3.94E-06	6.56E-08	2.68E-08	9.04E-05	7.62E-05	3E-06	6.4E-08	2.8E-08	8E-05
1019	490136.72, 3861285.12	0.03762	0.03677	0.03583	0.03356	0.04299	7.07E-05	3.2E-06	6.7E-08	4.8E-08	7.40E-05	8.66E-05	3.95E-06	6.57E-08	2.69E-08	9.07E-05	7.64E-05	3E-06	6.4E-08	2.8E-08	8E-05
1020	490186.72, 3861285.12	0.0376	0.03678	0.03583	0.0335	0.04298	7.07E-05	3.2E-06	6.6E-08	4.8E-08	7.40E-05	8.66E-05	3.95E-06	6.56E-08	2.69E-08	9.06E-05	7.63E-05	3E-06	6.4E-08	2.8E-08	8E-05

1021	490236.72, 3861285.12	0.03762	0.03684	0.03586	0.03347	0.04299	7.07E-05	3.2E-06	6.6E-08	4.8E-08	7.40E-05	8.66E-05	3.96E-06	6.56E-08	2.69E-08	9.07E-05	7.64E-05	3E-06	6.4E-08	2.8E-08	8E-05
1022	490386.72, 3861285.12	0.03769	0.03708	0.03602	0.03341	0.04306	7.08E-05	3.3E-06	6.6E-08	4.8E-08	7.42E-05	8.68E-05	3.99E-06	6.54E-08	2.69E-08	9.09E-05	7.65E-05	3.1E-06	6.4E-08	2.8E-08	8E-05
1023	490436.72, 3861285.12	0.03775	0.03719	0.03612	0.03343	0.04311	7.09E-05	3.3E-06	6.6E-08	4.8E-08	7.43E-05	8.69E-05	4.00E-06	6.55E-08	2.70E-08	9.10E-05	7.66E-05	3.1E-06	6.4E-08	2.8E-08	8E-05
1024	490486.72, 3861285.12	0.03775	0.03725	0.03617	0.03342	0.04312	7.09E-05	3.3E-06	6.6E-08	4.8E-08	7.43E-05	8.69E-05	4.00E-06	6.55E-08	2.70E-08	9.10E-05	7.66E-05	3.1E-06	6.4E-08	2.8E-08	8E-05
1025	490536.72, 3861285.12	0.0378	0.03735	0.03626	0.03345	0.04317	7.10E-05	3.3E-06	6.6E-08	4.8E-08	7.44E-05	8.70E-05	4.02E-06	6.55E-08	2.70E-08	9.12E-05	7.67E-05	3.1E-06	6.4E-08	2.8E-08	8E-05
1026	490586.72, 3861285.12	0.03787	0.03747	0.03638	0.03351	0.04324	7.12E-05	3.3E-06	6.7E-08	4.8E-08	7.46E-05	8.72E-05	4.03E-06	6.56E-08	2.70E-08	9.13E-05	7.69E-05	3.1E-06	6.4E-08	2.8E-08	8E-05
1027	490636.72, 3861285.12	0.03784	0.03748	0.0364	0.03349	0.04323	7.11E-05	3.3E-06	6.6E-08	4.8E-08	7.45E-05	8.71E-05	4.03E-06	6.56E-08	2.70E-08	9.13E-05	7.68E-05	3.1E-06	6.4E-08	2.8E-08	8E-05
1028	490686.72, 3861285.12	0.03788	0.03756	0.0365	0.03354	0.04329	7.12E-05	3.3E-06	6.7E-08	4.8E-08	7.46E-05	8.72E-05	4.04E-06	6.57E-08	2.71E-08	9.14E-05	7.69E-05	3.1E-06	6.4E-08	2.8E-08	8E-05
1029	490736.72, 3861285.12	0.03801	0.03774	0.03669	0.03368	0.04344	7.14E-05	3.3E-06	6.7E-08	4.9E-08	7.49E-05	8.75E-05	4.06E-06	6.60E-08	2.72E-08	9.17E-05	7.72E-05	3.1E-06	6.4E-08	2.8E-08	8E-05
1030	490786.72, 3861285.12	0.03805	0.03783	0.03679	0.03375	0.04353	7.15E-05	3.3E-06	6.7E-08	4.9E-08	7.49E-05	8.76E-05	4.07E-06	6.61E-08	2.72E-08	9.18E-05	7.73E-05	3.1E-06	6.4E-08	2.8E-08	8E-05
1031	490836.72, 3861285.12	0.03806	0.03788	0.03687	0.03381	0.04363	7.15E-05	3.3E-06	6.7E-08	4.9E-08	7.50E-05	8.76E-05	4.07E-06	6.62E-08	2.73E-08	9.18E-05	7.73E-05	3.1E-06	6.4E-08	2.8E-08	8E-05
1032	490061.24, 3859716.13	0.08607	0.0805	0.07549	0.06551	0.09711	1.62E-04	7.1E-06	1.3E-07	1.1E-07	1.69E-04	1.98E-04	8.65E-06	1.28E-07	6.07E-08	2.07E-04	1.75E-04	6.7E-06	1.2E-07	6.3E-08	0.0002
1033	490111.24, 3859716.13	0.08571	0.07996	0.07501	0.06502	0.09624	1.61E-04	7E-06	1.3E-07	1.1E-07	1.68E-04	1.97E-04	8.60E-06	1.27E-07	6.02E-08	2.06E-04	1.74E-04	6.6E-06	1.2E-07	6.2E-08	0.0002
1034	490161.24, 3859716.13	0.08539	0.07938	0.07448	0.06449	0.09539	1.60E-04	7E-06	1.3E-07	1.1E-07	1.68E-04	1.97E-04	8.53E-06	1.26E-07	5.97E-08	2.05E-04	1.73E-04	6.6E-06	1.2E-07	6.2E-08	0.0002
1035	490211.24, 3859716.13	0.08509	0.07875	0.07393	0.06392	0.09458	1.60E-04	6.9E-06	1.3E-07	1.1E-07	1.67E-04	1.96E-04	8.47E-06	1.25E-07	5.92E-08	2.05E-04	1.73E-04	6.5E-06	1.2E-07	6.1E-08	0.0002
1036	490061.24, 3859766.13	0.0833	0.07875	0.07396	0.06442	0.09495	1.57E-04	6.9E-06	1.3E-07	1.1E-07	1.64E-04	1.92E-04	8.47E-06	1.26E-07	5.94E-08	2.00E-04	1.69E-04	6.5E-06	1.2E-07	6.1E-08	0.0002
1037	490111.24, 3859766.13	0.08279	0.07817	0.07343	0.06392	0.0941	1.56E-04	6.9E-06	1.3E-07	1.1E-07	1.63E-04	1.91E-04	8.40E-06	1.25E-07	5.89E-08	1.99E-04	1.68E-04	6.5E-06	1.2E-07	6.1E-08	0.0002
1038	490161.24, 3859766.13	0.08232	0.07755	0.07287	0.06338	0.09324	1.55E-04	6.8E-06	1.3E-07	1E-07	1.62E-04	1.90E-04	8.34E-06	1.24E-07	5.83E-08	1.98E-04	1.67E-04	6.4E-06	1.2E-07	6E-08	0.0002
1039	490211.24, 3859766.13	0.08198	0.07699	0.07237	0.06287	0.09241	1.54E-04	6.8E-06	1.2E-07	1E-07	1.61E-04	1.89E-04	8.28E-06	1.23E-07	5.78E-08	1.97E-04	1.66E-04	6.4E-06	1.2E-07	6E-08	0.0002
1040	490061.24, 3859816.13	0.0808	0.07696	0.0724	0.06327	0.0928	1.52E-04	6.8E-06	1.3E-07	1E-07	1.59E-04	1.86E-04	8.27E-06	1.24E-07	5.80E-08	1.95E-04	1.64E-04	6.4E-06	1.2E-07	6E-08	0.0002
1041	490111.24, 3859816.13	0.08021	0.0764	0.07188	0.0628	0.09203	1.51E-04	6.7E-06	1.2E-07	1E-07	1.58E-04	1.85E-04	8.21E-06	1.23E-07	5.76E-08	1.93E-04	1.63E-04	6.3E-06	1.2E-07	5.9E-08	0.0002
1042	490161.24, 3859816.13	0.07969	0.07585	0.07138	0.06232	0.09122	1.50E-04	6.7E-06	1.2E-07	1E-07	1.57E-04	1.84E-04	8.15E-06	1.22E-07	5.71E-08	1.92E-04	1.62E-04	6.3E-06	1.2E-07	5.9E-08	0.0002
1043	490211.24, 3859816.13	0.07924	0.07529	0.07086	0.06182	0.0904	1.49E-04	6.6E-06	1.2E-07	1E-07	1.56E-04	1.82E-04	8.09E-06	1.21E-07	5.65E-08	1.91E-04	1.61E-04	6.2E-06	1.2E-07	5.8E-08	0.0002
1044	490061.24, 3859866.13	0.0785	0.07515	0.07082	0.06207	0.09064	1.48E-04	6.6E-06	1.2E-07	1E-07	1.54E-04	1.81E-04	8.08E-06	1.22E-07	5.67E-08	1.89E-04	1.59E-04	6.2E-06	1.2E-07	5.9E-08	0.0002
1045	490111.24, 3859866.13	0.07793	0.0747	0.0704	0.06169	0.09	1.46E-04	6.6E-06	1.2E-07	1E-07	1.53E-04	1.79E-04	8.03E-06	1.21E-07	5.63E-08	1.88E-04	1.58E-04	6.2E-06	1.2E-07	5.8E-08	0.0002
1046	490161.24, 3859866.13	0.0774	0.07423	0.06996	0.06129	0.08928	1.45E-04	6.5E-06	1.2E-07	1E-07	1.52E-04	1.78E-04	7.98E-06	1.20E-07	5.58E-08	1.86E-04	1.57E-04	6.1E-06	1.2E-07	5.8E-08	0.0002
1047	490211.24, 3859866.13	0.07691	0.07373	0.06949	0.06085	0.08851	1.45E-04	6.5E-06	1.2E-07	9.9E-08	1.51E-04	1.77E-04	7.93E-06	1.19E-07	5.54E-08	1.85E-04	1.56E-04	6.1E-06	1.2E-07	5.7E-08	0.0002
1048	490061.24, 3859916.13	0.07631	0.07332	0.06922	0.06083	0.08843	1.43E-04	6.4E-06	1.2E-07	9.9E-08	1.50E-04	1.76E-04	7.88E-06	1.19E-07	5.53E-08	1.84E-04	1.55E-04	6.1E-06	1.2E-07	5.7E-08	0.0002
1049	490111.24, 3859916.13	0.07582	0.073	0.06891	0.06055	0.08795	1.42E-04	6.4E-06	1.2E-07	9.8E-08	1.49E-04	1.75E-04	7.85E-06	1.19E-07	5.50E-08	1.83E-04	1.54E-04	6E-06	1.2E-07	5.7E-08	0.0002
1050	490161.24, 3859916.13	0.07528	0.07259	0.06852	0.06021	0.08735	1.41E-04	6.4E-06	1.2E-07	9.8E-08	1.48E-04	1.73E-04	7.80E-06	1.18E-07	5.46E-08	1.81E-04	1.53E-04	6E-06	1.1E-07	5.6E-08	0.0002
1051	490211.24, 3859916.13	0.07475	0.07212	0.06807	0.0598	0.08666	1.40E-04	6.3E-06	1.2E-07	9.7E-08	1.47E-04	1.72E-04	7.75E-06	1.17E-07	5.42E-08	1.80E-04	1.52E-04	6E-06	1.1E-07	5.6E-08	0.0002
1052	490229.25, 3859815.26	0.07918	0.07517	0.07075	0.0617	0.09015	1.49E-04	6.6E-06	1.2E-07	1E-07	1.56E-04	1.82E-04	8.08E-06	1.21E-07	5.64E-08	1.91E-04	1.61E-04	6.2E-06	1.2E-07	5.8E-08	0.0002
1053	490279.25, 3859815.26	0.07881	0.07459	0.07023	0.06117	0.08934	1.48E-04	6.5E-06	1.2E-07	1E-07	1.55E-04	1.81E-04	8.02E-06	1.20E-07	5.59E-08	1.90E-04	1.60E-04	6.2E-06	1.2E-07	5.8E-08	0.0002
1054	490329.25, 3859815.26	0.07849	0.07403	0.06973	0.06065	0.08859	1.47E-04	6.5E-06	1.2E-07	9.9E-08	1.54E-04	1.81E-04	7.96E-06	1.19E-07	5.54E-08	1.89E-04	1.59E-04	6.1E-06	1.2E-07	5.7E-08	0.0002
1055	490379.25, 3859815.26	0.07838	0.07366	0.0694	0.06026	0.08794	1.47E-04	6.5E-06	1.2E-07	9.8E-08	1.54E-04	1.80E-04	7.92E-06	1.18E-07	5.50E-08	1.89E-04	1.59E-04	6.1E-06	1.1E-07	5.7E-08	0.0002
1056	490429.25, 3859815.26	0.07841	0.07345	0.06922	0.05997	0.08741	1.47E-04	6.4E-06	1.2E-07	9.8E-08	1.54E-04	1.81E-04	7.90E-06	1.17E-07	5.47E-08	1.89E-04	1.59E-04	6.1E-06	1.1E-07	5.6E-08	0.0002
1057	490229.25, 3859865.26	0.07678	0.07357	0.06935	0.0607	0.08826	1.44E-04	6.5E-06	1.2E-07	9.9E-08	1.51E-04	1.77E-04	7.91E-06	1.19E-07	5.52E-08	1.85E-04	1.56E-04	6.1E-06	1.2E-07	5.7E-08	0.0002
1058	490279.25, 3859865.26	0.07633	0.07302	0.06884	0.06021	0.08746	1.43E-04	6.4E-06	1.2E-07	9.8E-08	1.50E-04	1.76E-04	7.85E-06	1.18E-07	5.47E-08	1.84E-04	1.55E-04	6E-06	1.1E-07	5.6E-08	0.0002
1059	490329.25, 3859865.26	0.07594	0.07246	0.06834	0.0597	0.08668	1.43E-04	6.4E-06	1.2E-07	9.7E-08	1.49E-04	1.75E-04	7.79E-06	1.17E-07	5.42E-08	1.83E-04	1.54E-04	6E-06	1.1E-07	5.6E-08	0.0002
1060	490379.25, 3859865.26	0.07568	0.072	0.06792	0.05926	0.08596	1.42E-04	6.3E-06	1.2E-07	9.6E-08	1.49E-04	1.74E-04	7.74E-06	1.16E-07	5.38E-08	1.82E-04	1.54E-04	6E-06	1.1E-07	5.6E-08	0.0002
1061	490429.25, 3859865.26	0.07551	0.07161	0.06757	0.05885	0.08531	1.42E-04	6.3E-06	1.2E-07	9.5E-08	1.48E-04	1.74E-04	7.70E-06	1.15E-07	5.34E-08	1.82E-04	1.53E-04	5.9E-06	1.1E-07	5.5E-08	0.0002
1062	490229.25, 3859915.26	0.07462	0.07199	0.06795	0.05968	0.08644	1.40E-04	6.3E-06	1.2E-07	9.7E-08	1.47E-04	1.72E-04	7.74E-06	1.17E-07	5.41E-08	1.80E-04	1.52E-04	6E-06	1.1E-07	5.6E-08	0.0002
1063	490279.25, 3859915.26	0.07409	0.07144	0.06744	0.0592	0.08567	1.39E-04	6.3E-06	1.2E-07	9.6E-08	1.46E-04	1.71E-04	7.68E-06	1.16E-07	5.36E-08	1.78E-04	1.50E-04	5.9E-06	1.1E-07	5.5E-08	0.0002
1064	490329.25, 3859915.26	0.07366	0.07093	0.06698	0.05874	0.0849	1.38E-04	6.2E-06	1.2E-07	9.5E-08	1.45E-04	1.70E-04	7.63E-06	1.15E-07	5.31E-08	1.77E-04	1.50E-04	5.9E-06	1.1E-07	5.5E-08	0.0002
1065	490379.25, 3859915.26	0.07331	0.07045	0.06654	0.0583	0.08415	1.38E-04	6.2E-06	1.2E-07	9.4E-08	1.44E-04	1.69E-04	7.57E-06	1.14E-07	5.26E-08	1.77E-04	1.49E-04	5.8E-06	1.1E-07	5.4E-08	0.0002
1066	490429.25, 3859915.26	0.073	0.06997	0.06611	0.05785	0.08344	1.37E-04	6.1E-06	1.1E-07	9.3E-08	1.44E-04	1.68E-04	7.52E-06	1.13E-07	5.22E-08	1.76E-04	1.48E-04	5.8E-06	1.1E-07	5.4E-08	0.0002
1067	490451.43, 3859872.59	0.07504	0.07117	0.06718	0.05851	0.08475	1.41E-04	6.2E-06	1.2E-07	9.5E-08	1.47E-04	1.73E-04	7.65E-06	1.15E-07	5.30E-08	1.81E-04	1.52E-04	5.9E-06	1.1E-07	5.5E-08	0.0002
1068	490501.43, 3859872.59	0.07503	0.07094	0.06698	0.05822	0.08424	1.41E-04	6.2E-06	1.2E-07	9.4E-08	1.47E-04	1.73E-04	7.63E-06	1.14E-07	5.27E-08	1.81E-04	1.52E-04	5.9E-06	1.1E-07	5.4E-08	0.0002
1069	490551.43, 3859872.59	0.0752	0.07092	0.06697	0.05807	0.08384	1.41E-04	6.2E-06	1.2E-07	9.4E-08	1.48E-04	1.73E-04	7.62E-06	1.14E-07	5.24E-08	1.81E-04	1.53E-04	5.9E-06	1.1E-07	5.4E-08	0.0002
1070	490601.43, 3859872.59	0.07536	0.07092	0.06698	0.05792	0.08351	1.42E-04	6.2E-06	1.1E-07	9.3E-08	1.48E-04	1.74E-04	7.62E-06	1.13E-07	5.22E-08	1.81E-04	1.53E-04	5.9E-06	1.1E-07	5.4E-08	0.0002
1071	490451.43, 3859922.59	0.07255	0.06955	0.06574	0.05752	0.08288	1.36E-04	6.1E-06	1.1E-07	9.3E-08	1.43E-04	1.67E-04	7.48E-06	1.13E-07	5.18E-08	1.75E-04	1.47E-04	5.8E-06	1.1E-07	5.4E-08	0.0002
1072	490501.43, 3859922.59	0.07239	0.0692	0.06542	0.05715	0.08227	1.36E-04	6.1E-06	1.1E-07	9.2E-08	1.42E-04	1.67E-04	7.44E-06	1.12E-07	5.15E-08	1.74E-04	1.47E-04	5.7E-06	1.1E-07	5.3E-08	0.0002
1073	490551.43, 3859922.59	0.07243	0.06905	0.0653	0.05692	0.08179	1.36E-04	6.1E-06	1.1E-07	9.1E-08	1.42E-04	1.67E-04	7.42E-06	1.12E-07	5.12E-08	1.74E-04	1.47E-04	5.7E-06	1.1E-07	5.3E-08	0.0002
1074	490601.43, 3859922.59	0.07256	0.06901	0.06527	0.05676	0.08138	1.36E-04	6.1E-06	1.1E-07	9.1E-08	1.43E-04	1.67E-04	7.42E-06	1.11E-07	5.09E-08	1.75E-04	1.47E-04	5.7E-06	1.1E-07	5.3E-08	0.0002
1075	482129.67, 3852241.07	0.04257	0.03707	0.03457	0.03922	0.03077	8.00E-05	3.3E-06	7.8E-08	3.4E-08	8.34E-05	9.80E-05	3.99E-06	7.68E-08	1.92E-08	1.02E-04	8.64E-05	3.1E-06	7.5E-08	2E-08	9E-05
1076	482029.67, 3852291.07	0.04326	0.03829	0.03504	0.03942	0.03115	8.13E-05	3.4E-06	7.8E-08	3.5E-08	8.48E-05	9.96E-05	4.12E-06	7.72E-08	1.95E-08	1.04E-04	8.78E-05	3.2E-06	7.5E-08	2E-08	9E-05
1077	482079.67, 3852291.07	0.04348	0.03817	0.0352	0.03973	0.03144	8.17E-05	3.3E-06	7.9E-08	3.5E-08	8.52E-05	1.00E-04	4.10E-06	7.78E-08	1.97E-08	1.04E-04	8.83E-05	3.2E-06	7.6E-08	2E-08	9E-05
1078	482129.67, 3852291.07	0.0436	0.03806	0.03529	0.03995	0.0315	8.19E-05	3.3E-06	7.9E-08	3.5E-08	8.54E-05	1.00E-04	4.09E-06	7.83E-08	1.97E-08	1.05E-04	8.85E-05	3.1E-06	7.6E-08	2E-08	9E-05
1079	482179.67, 3852291.07	0.04362	0.03799	0.03535	0.04011	0.03126	8.20E-05	3.3E-06	8E-08	3.5E-08	8.54E-05	1.00E-04	4.08E-06	7.86E-08	1.96E-08	1.05E-04	8.86E-05	3.1E-06	7.6E-08	2E-08	9E-05
1080	482229.67, 3852291.07	0.04348	0.03797	0.03537	0.0402	0.03067	8.17E-05	3.3E-06	8E-08	3.4E-08	8.52E-05	1.00E-04	4.08E-06	7.87E-08	1.92E-08	1.04E-04	8.83E-05	3.1E-06	7.6E-08	2E-08	9E-05
1081	482029.67, 3852341.07	0.04399	0.03915	0.03546	0.03976	0.03137	8.27E-05	3.4E-06	7.9E-08	3.5E-08	8.62E-05	1.01E-04	4.21E-06	7.79E-08	1.96E-08	1.06E-04	8.93E-05	3.2E-06	7.6E-08	2E-08	9E-05
1082	482079.67, 3852341.07	0.04433	0.03913	0.03575	0.04023	0.03183	8.33E-05	3.4E-06	8E-08	3.6E-08	8.69E-05	1.02E-04	4.21E-06	7.88E-08	1.99E-08	1.06E-04	9.00E-05	3.2E-06	7.7E-08	2.1E-08	9E-05
1083	482129.67, 3852341.07	0.04454	0.03902	0.03592	0.04056	0.03211	8.37E-05	3.4E-06	8.1E-08	3.6E-08	8.72E-05	1.03E-04	4.19E-06	7.95E-08	2.01E-08	1.07E-04	9.04E-05	3.2E-06	7.7E-08	2.1E-08	9E-05
1084	482179.67, 3852341.07	0.0447	0.03895	0.03604	0.04081	0.03212	8.40E-05	3.4E-06	8.1E-08	3.6E-08	8.75E-05	1.03E-04	4.19E-06	7.99E-08	2.01E-08	1.07E-04	9.08E-05	3.2E-06	7.8E-08	2.1E-08	9E-05

1085	482259.06, 3852400.14	0.04573	0.03958	0.03666	0.04163	0.03323	8.59E-05	3.5E-06	8.3E-08	3.7E-08	8.95E-05	1.05E-04	4.25E-06	8.15E-08	2.08E-08	1.10E-04	9.28E-05	3.3E-06	7.9E-08	2.1E-08	1E-04
1086	482309.06, 3852400.14	0.04596	0.03982	0.03692	0.04197	0.03264	8.64E-05	3.5E-06	8.3E-08	3.6E-08	9.00E-05	1.06E-04	4.28E-06	8.22E-08	2.04E-08	1.10E-04	9.33E-05	3.3E-06	8E-08	2.1E-08	1E-04
1087	482209.06, 3852450.14	0.04663	0.04073	0.03723	0.04204	0.03367	8.76E-05	3.6E-06	8.3E-08	3.8E-08	9.13E-05	1.07E-04	4.38E-06	8.24E-08	2.11E-08	1.12E-04	9.47E-05	3.4E-06	8E-08	2.2E-08	1E-04
1088	482259.06, 3852450.14	0.04683	0.04067	0.03741	0.04237	0.03389	8.80E-05	3.6E-06	8.4E-08	3.8E-08	9.17E-05	1.08E-04	4.37E-06	8.30E-08	2.12E-08	1.12E-04	9.51E-05	3.4E-06	8.1E-08	2.2E-08	1E-04
1089	482309.06, 3852450.14	0.04714	0.04081	0.03768	0.04276	0.03366	8.86E-05	3.6E-06	8.5E-08	3.8E-08	9.23E-05	1.09E-04	4.39E-06	8.38E-08	2.11E-08	1.13E-04	9.57E-05	3.4E-06	8.1E-08	2.2E-08	1E-04
1090	482209.06, 3852500.14	0.04763	0.04181	0.03781	0.04256	0.03391	8.95E-05	3.7E-06	8.4E-08	3.8E-08	9.33E-05	1.10E-04	4.49E-06	8.34E-08	2.12E-08	1.14E-04	9.67E-05	3.5E-06	8.1E-08	2.2E-08	0.0001
1091	482259.06, 3852500.14	0.04794	0.04181	0.03812	0.04305	0.03434	9.01E-05	3.7E-06	8.5E-08	3.8E-08	9.39E-05	1.10E-04	4.49E-06	8.43E-08	2.15E-08	1.15E-04	9.73E-05	3.5E-06	8.2E-08	2.2E-08	0.0001
1092	482309.06, 3852500.14	0.04823	0.04186	0.03839	0.04347	0.03447	9.06E-05	3.7E-06	8.6E-08	3.9E-08	9.44E-05	1.11E-04	4.50E-06	8.52E-08	2.16E-08	1.16E-04	9.79E-05	3.5E-06	8.3E-08	2.2E-08	0.0001
1093	482283.91, 3852513.62	0.04835	0.04209	0.03842	0.04342	0.03459	9.09E-05	3.7E-06	8.6E-08	3.9E-08	9.47E-05	1.11E-04	4.52E-06	8.51E-08	2.16E-08	1.16E-04	9.82E-05	3.5E-06	8.3E-08	2.2E-08	0.0001
1094	482333.91, 3852513.62	0.04858	0.04208	0.03862	0.04377	0.03469	9.13E-05	3.7E-06	8.7E-08	3.9E-08	9.51E-05	1.12E-04	4.52E-06	8.57E-08	2.17E-08	1.17E-04	9.86E-05	3.5E-06	8.3E-08	2.2E-08	0.0001
1095	482283.91, 3852563.62	0.04934	0.04311	0.03896	0.0439	0.03497	9.27E-05	3.8E-06	8.7E-08	3.9E-08	9.66E-05	1.14E-04	4.63E-06	8.60E-08	2.19E-08	1.18E-04	1.00E-04	3.6E-06	8.4E-08	2.3E-08	0.0001
1096	482333.91, 3852563.62	0.04958	0.04305	0.03921	0.04434	0.03538	9.32E-05	3.8E-06	8.8E-08	4E-08	9.71E-05	1.14E-04	4.63E-06	8.69E-08	2.21E-08	1.19E-04	1.01E-04	3.6E-06	8.4E-08	2.3E-08	0.0001
1097	482383.91, 3852563.62	0.04975	0.04294	0.03934	0.04463	0.03556	9.35E-05	3.8E-06	8.9E-08	4E-08	9.74E-05	1.15E-04	4.62E-06	8.74E-08	2.22E-08	1.19E-04	1.01E-04	3.6E-06	8.5E-08	2.3E-08	0.0001
1098	482283.91, 3852613.62	0.05058	0.04441	0.03963	0.04447	0.03504	9.51E-05	3.9E-06	8.8E-08	3.9E-08	9.91E-05	1.16E-04	4.77E-06	8.71E-08	2.19E-08	1.21E-04	1.03E-04	3.7E-06	8.5E-08	2.3E-08	0.0001
1099	482333.91, 3852613.62	0.05075	0.04423	0.03988	0.04494	0.03572	9.54E-05	3.9E-06	8.9E-08	4E-08	9.94E-05	1.17E-04	4.75E-06	8.80E-08	2.23E-08	1.22E-04	1.03E-04	3.7E-06	8.5E-08	2.3E-08	0.0001
1100	482383.91, 3852613.62	0.05088	0.04404	0.04003	0.04529	0.03619	9.56E-05	3.9E-06	9E-08	4E-08	9.96E-05	1.17E-04	4.73E-06	8.87E-08	2.26E-08	1.22E-04	1.03E-04	3.6E-06	8.6E-08	2.3E-08	0.0001
1101	482602.38, 3852600.87	0.05196	0.04393	0.04016	0.04587	0.03418	9.76E-05	3.9E-06	9.1E-08	3.8E-08	1.02E-04	1.20E-04	4.72E-06	8.99E-08	2.14E-08	1.24E-04	1.05E-04	3.6E-06	8.7E-08	2.2E-08	0.0001
1102	482652.38, 3852600.87	0.05205	0.04389	0.03994	0.04572	0.03339	9.78E-05	3.9E-06	9.1E-08	3.7E-08	1.02E-04	1.20E-04	4.72E-06	8.96E-08	2.09E-08	1.25E-04	1.06E-04	3.6E-06	8.7E-08	2.2E-08	0.0001
1103	482702.38, 3852600.87	0.05172	0.04408	0.03985	0.04565	0.03178	9.72E-05	3.9E-06	9.1E-08	3.6E-08	1.01E-04	1.19E-04	4.74E-06	8.94E-08	1.99E-08	1.24E-04	1.05E-04	3.6E-06	8.7E-08	2.1E-08	0.0001
1104	482552.38, 3852650.87	0.05324	0.04506	0.04122	0.04693	0.03637	1.00E-04	4E-06	9.3E-08	4.1E-08	1.04E-04	1.23E-04	4.84E-06	9.19E-08	2.27E-08	1.28E-04	1.08E-04	3.7E-06	8.9E-08	2.3E-08	0.0001
1105	482602.38, 3852650.87	0.05353	0.04506	0.04118	0.04697	0.0358	1.01E-04	4E-06	9.3E-08	4E-08	1.05E-04	1.23E-04	4.84E-06	9.20E-08	2.24E-08	1.28E-04	1.09E-04	3.7E-06	8.9E-08	2.3E-08	0.0001
1106	482652.38, 3852650.87	0.05375	0.04498	0.04099	0.04686	0.03517	1.01E-04	3.9E-06	9.3E-08	3.9E-08	1.05E-04	1.24E-04	4.84E-06	9.18E-08	2.20E-08	1.29E-04	1.09E-04	3.7E-06	8.9E-08	2.3E-08	0.0001
1107	482702.38, 3852650.87	0.05384	0.04491	0.04074	0.04668	0.03439	1.01E-04	3.9E-06	9.3E-08	3.8E-08	1.05E-04	1.24E-04	4.83E-06	9.14E-08	2.15E-08	1.29E-04	1.09E-04	3.7E-06	8.9E-08	2.2E-08	0.0001
1108	482552.38, 3852700.87	0.05465	0.04635	0.0422	0.04794	0.03749	1.03E-04	4.1E-06	9.5E-08	4.2E-08	1.07E-04	1.26E-04	4.98E-06	9.39E-08	2.34E-08	1.31E-04	1.11E-04	3.8E-06	9.1E-08	2.4E-08	0.0001
1109	482602.38, 3852700.87	0.05504	0.04617	0.04212	0.04798	0.03729	1.03E-04	4.1E-06	9.5E-08	4.2E-08	1.08E-04	1.27E-04	4.96E-06	9.40E-08	2.33E-08	1.32E-04	1.12E-04	3.8E-06	9.1E-08	2.4E-08	0.0001
1110	482652.38, 3852700.87	0.05517	0.04575	0.04175	0.04771	0.03715	1.04E-04	4E-06	9.5E-08	4.2E-08	1.08E-04	1.27E-04	4.92E-06	9.35E-08	2.32E-08	1.32E-04	1.12E-04	3.8E-06	9.1E-08	2.4E-08	0.0001
1111	482702.38, 3852700.87	0.05555	0.04583	0.04167	0.0477	0.03642	1.04E-04	4E-06	9.5E-08	4.1E-08	1.09E-04	1.28E-04	4.93E-06	9.34E-08	2.28E-08	1.33E-04	1.13E-04	3.8E-06	9.1E-08	2.4E-08	0.0001
1112	482452.38, 3852750.87	0.05509	0.04776	0.04256	0.0479	0.03768	1.04E-04	4.2E-06	9.5E-08	4.2E-08	1.08E-04	1.27E-04	5.13E-06	9.38E-08	2.36E-08	1.32E-04	1.12E-04	3.9E-06	9.1E-08	2.4E-08	0.0001
1113	482521.29, 3852749.74	0.05563	0.04762	0.04292	0.04857	0.03832	1.05E-04	4.2E-06	9.6E-08	4.3E-08	1.09E-04	1.28E-04	5.12E-06	9.51E-08	2.40E-08	1.33E-04	1.13E-04	3.9E-06	9.2E-08	2.5E-08	0.0001
1114	482571.29, 3852749.74	0.05613	0.04748	0.04303	0.04885	0.03848	1.05E-04	4.2E-06	9.7E-08	4.3E-08	1.10E-04	1.29E-04	5.10E-06	9.57E-08	2.41E-08	1.34E-04	1.14E-04	3.9E-06	9.3E-08	2.5E-08	0.0001
1115	482521.29, 3852799.74	0.05698	0.04894	0.04366	0.04924	0.03881	1.07E-04	4.3E-06	9.8E-08	4.3E-08	1.12E-04	1.31E-04	5.26E-06	9.65E-08	2.43E-08	1.37E-04	1.16E-04	4E-06	9.4E-08	2.5E-08	0.0001
1116	482571.29, 3852799.74	0.05751	0.04879	0.04387	0.04966	0.03926	1.08E-04	4.3E-06	9.9E-08	4.4E-08	1.12E-04	1.32E-04	5.25E-06	9.73E-08	2.46E-08	1.38E-04	1.17E-04	4E-06	9.4E-08	2.5E-08	0.0001
1117	482621.29, 3852799.74	0.05814	0.04867	0.04399	0.04996	0.03943	1.09E-04	4.3E-06	9.9E-08	4.4E-08	1.14E-04	1.34E-04	5.23E-06	9.79E-08	2.47E-08	1.39E-04	1.18E-04	4E-06	9.5E-08	2.5E-08	0.0001
1118	482571.29, 3852849.74	0.05913	0.05039	0.0448	0.05053	0.0397	1.11E-04	4.4E-06	1E-07	4.4E-08	1.16E-04	1.36E-04	5.42E-06	9.90E-08	2.48E-08	1.42E-04	1.20E-04	4.2E-06	9.6E-08	2.6E-08	0.0001
1119	482621.29, 3852849.74	0.05992	0.05034	0.04509	0.05104	0.04011	1.13E-04	4.4E-06	1E-07	4.5E-08	1.17E-04	1.38E-04	5.41E-06	1.00E-07	2.51E-08	1.44E-04	1.22E-04	4.2E-06	9.7E-08	2.6E-08	0.0001
1120	482577.42, 3852901.55	0.06109	0.05222	0.04582	0.05144	0.03997	1.15E-04	4.6E-06	1E-07	4.5E-08	1.20E-04	1.41E-04	5.61E-06	1.01E-07	2.50E-08	1.46E-04	1.24E-04	4.3E-06	9.8E-08	2.6E-08	0.0001
1121	482627.42, 3852901.55	0.062	0.05223	0.04626	0.05216	0.04062	1.17E-04	4.6E-06	1E-07	4.5E-08	1.21E-04	1.43E-04	5.61E-06	1.02E-07	2.54E-08	1.49E-04	1.26E-04	4.3E-06	9.9E-08	2.6E-08	0.0001
1122	482629.96, 3852955.85	0.06408	0.05414	0.04727	0.05304	0.04093	1.20E-04	4.7E-06	1.1E-07	4.6E-08	1.25E-04	1.48E-04	5.82E-06	1.04E-07	2.56E-08	1.54E-04	1.30E-04	4.5E-06	1E-07	2.6E-08	0.0001
1123	482679.96, 3852955.85	0.06514	0.0541	0.04769	0.05375	0.04161	1.22E-04	4.7E-06	1.1E-07	4.6E-08	1.27E-04	1.50E-04	5.82E-06	1.05E-07	2.60E-08	1.56E-04	1.32E-04	4.5E-06	1E-07	2.7E-08	0.0001
1124	482781.63, 3853034.48	0.07088	0.0572	0.05022	0.05663	0.04321	1.33E-04	5E-06	1.1E-07	4.8E-08	1.38E-04	1.63E-04	6.15E-06	1.11E-07	2.70E-08	1.70E-04	1.44E-04	4.7E-06	1.1E-07	2.8E-08	0.0001
1125	482831.63, 3853034.48	0.07128	0.05719	0.05048	0.05712	0.04331	1.34E-04	5E-06	1.1E-07	4.8E-08	1.39E-04	1.64E-04	6.15E-06	1.12E-07	2.71E-08	1.70E-04	1.45E-04	4.7E-06	1.1E-07	2.8E-08	0.0001
1126	482881.63, 3853034.48	0.07129	0.05713	0.05056	0.05737	0.0431	1.34E-04	5E-06	1.1E-07	4.8E-08	1.39E-04	1.64E-04	6.14E-06	1.12E-07	2.70E-08	1.70E-04	1.45E-04	4.7E-06	1.1E-07	2.8E-08	0.0001
1127	482781.63, 3853084.48	0.07369	0.05924	0.05133	0.05764	0.04374	1.38E-04	5.2E-06	1.1E-07	4.9E-08	1.44E-04	1.70E-04	6.37E-06	1.13E-07	2.74E-08	1.76E-04	1.50E-04	4.9E-06	1.1E-07	2.8E-08	0.0002
1128	482831.63, 3853084.48	0.07427	0.05928	0.05178	0.05837	0.04417	1.40E-04	5.2E-06	1.2E-07	4.9E-08	1.45E-04	1.71E-04	6.37E-06	1.14E-07	2.76E-08	1.78E-04	1.51E-04	4.9E-06	1.1E-07	2.9E-08	0.0002
1129	482881.63, 3853084.48	0.07434	0.0592	0.05199	0.0588	0.0443	1.40E-04	5.2E-06	1.2E-07	4.9E-08	1.45E-04	1.71E-04	6.36E-06	1.15E-07	2.77E-08	1.78E-04	1.51E-04	4.9E-06	1.1E-07	2.9E-08	0.0002
1130	482781.63, 3853134.48	0.07668	0.06127	0.05228	0.05841	0.04399	1.44E-04	5.4E-06	1.2E-07	4.9E-08	1.50E-04	1.77E-04	6.59E-06	1.14E-07	2.75E-08	1.83E-04	1.56E-04	5.1E-06	1.1E-07	2.8E-08	0.0002
1131	482831.63, 3853134.48	0.07742	0.06134	0.05289	0.05937	0.04482	1.45E-04	5.4E-06	1.2E-07	5E-08	1.51E-04	1.78E-04	6.59E-06	1.16E-07	2.80E-08	1.85E-04	1.57E-04	5.1E-06	1.1E-07	2.9E-08	0.0002
1132	482881.63, 3853134.48	0.07751	0.06118	0.05321	0.05998	0.04538	1.46E-04	5.4E-06	1.2E-07	5.1E-08	1.51E-04	1.78E-04	6.58E-06	1.17E-07	2.84E-08	1.85E-04	1.57E-04	5.1E-06	1.1E-07	2.9E-08	0.0002
1133	482831.63, 3853184.48	0.08095	0.0635	0.0539	0.06019	0.04511	1.52E-04	5.6E-06	1.2E-07	5E-08	1.58E-04	1.86E-04	6.83E-06	1.18E-07	2.82E-08	1.93E-04	1.64E-04	5.3E-06	1.1E-07	2.9E-08	0.0002
1134	482881.63, 3853184.48	0.0811	0.06336	0.05438	0.06104	0.04606	1.52E-04	5.6E-06	1.2E-07	5.1E-08	1.58E-04	1.87E-04	6.81E-06	1.20E-07	2.88E-08	1.94E-04	1.65E-04	5.2E-06	1.2E-07	3E-08	0.0002
1135	484154.84, 3854250.98	0.28547	0.18144	0.12353	0.14048	0.04414	5.36E-04	1.6E-05	2.8E-07	4.9E-08	5.53E-04	6.57E-04	1.95E-05	2.75E-07	2.76E-08	6.77E-04	5.80E-04	1.5E-05	2.7E-07	2.9E-08	0.0006
1136	484204.84, 3854250.98	0.27704	0.17623	0.1199	0.13714	0.04287	5.21E-04	1.5E-05	2.7E-07	4.8E-08	5.36E-04	6.38E-04	1.89E-05	2.69E-07	2.68E-08	6.57E-04	5.62E-04	1.5E-05	2.6E-07	2.8E-08	0.0006
1137	484154.84, 3854300.98	0.29617	0.18866	0.1275	0.14555	0.04385	5.57E-04	1.7E-05	2.9E-07	4.9E-08	5.73E-04	6.82E-04	2.03E-05	2.85E-07	2.74E-08	7.03E-04	6.01E-04	1.6E-05	2.8E-07	2.8E-08	0.0006
1138	484204.84, 3854300.98	0.29151	0.18561	0.12512	0.14332	0.04331	5.48E-04	1.6E-05	2.8E-07	4.8E-08	5.64E-04	6.71E-04	2.00E-05	2.81E-07	2.71E-08	6.92E-04	5.92E-04	1.5E-05	2.7E-07	2.8E-08	0.0006
1139	484074.19, 3854519.8	0.47686	0.32458	0.17954	0.19278	0.04669	8.96E-04	2.8E-05	3.8E-07	5.2E-08	9.25E-04	1.10E-03	3.49E-05	3.78E-07	2.92E-08	1.13E-03	9.68E-04	2.7E-05	3.7E-07	3E-08	0.001
1140	484124.19, 3854519.8	0.4535	0.30111	0.17294	0.18783	0.04638	8.52E-04	2.6E-05	3.7E-07	5.2E-08	8.79E-04	1.04E-03	3.24E-05	3.68E-07	2.90E-08	1.08E-03	9.21E-04	2.5E-05	3.6E-07	3E-08	0.0009
1141	484074.19, 3854569.8	0.56873	0.38267	0.19757	0.20665	0.04793	1.07E-03	3.4E-05	4.1E-07	5.4E-08	1.10E-03	1.31E-03	4.11E-05	4.05E-07	3.00E-08	1.35E-03	1.15E-03	3.2E-05	3.9E-07	3.1E-08	0.0012
1142	484124.19, 3854569.8	0.53112	0.35113	0.18835	0.19882	0.04706	9.98E-04	3.1E-05	3.9E-07	5.3E-08	1.03E-03	1.22E-03	3.77E-05	3.89E-07	2.94E-08	1.26E-03	1.08E-03	2.9E-05	3.8E-07	3E-08	0.0011
1143	485205.11, 3855188.89	2.13315	2.45744	1.85194	2.48124	0.53314	4.01E-03	0.00022	4.9E-06	6E-07	4.23E-03	4.91E-03	2.64E-04	4.86E-06	3.33E-07	5.18E-03	4.33E-03	0.0002	4.7E-06	3.4E-07	0.0045
1144	485255.11, 3855188.89	1.90506	2.24612	1.67569	2.20951	0.49441	3.58E-03	0.0002	4.4E-06	5.5E-07	3.78E-03	4.39E-03	2.41E-04	4.33E-06	3.09E-07	4.63E-03	3.87E-03	0.00019	4.2E-06	3.2E-07	0.0041
1145	485205.11, 3855238.89	2.36174	2.14789	2.03571	2.81005	0.75328	4.44E-03	0.00019	5.6E-06	8.4E-07	4.63E-03	5.44E-03	2.31E-04	5.50E-06	4.71E-07	5.68E-03	4.80E-03	0.00018	5.3E-06	4.9E-07	0.005
1146	485255.11, 3855238.89	2.12744	2.0169	1.88262	2.53373	0.68604	4.00E-03	0.00018	5E-06	7.7E-07	4.18E-03	4.90E-03	2.17E-04	4.96E-06	4.29E-07	5.12E-03	4.32E-03	0.00017	4.8E-06	4.4E-07	0.0045
1147	485205.11, 3855288.89	2.91059	1.93917	2.46059	3.47997	1.04101	5.47E-03	0.00017	6.9E-06	1.2E-06	5.65E-03	6.70E-03	2.08E-04	6.82E-06	6.51E-07	6.92E-03	5.91E-03	0.00016	6.6E-06	6.7E-07	0.0061
1148	485255.11, 3855288.89	2.51451	1.81915	2.20546	3.03042	0.93199	4.73E-03	0.00016	6E-06	1E-06	4.89E-03	5.79E-03	1.96E-04	5.94E-06	5.83E-07	5.99E-03	5.11E-03	0.00015	5.8E-06	6E-07	0.0053

1149	485255.11, 3855338.89	3.03246	1.61358	2.59915	3.67314	1.23172	5.70E-03	0.00014	7.3E-06	1.4E-06	5.85E-03	6.98E-03	1.73E-04	7.20E-06	7.70E-07	7.16E-03	6.16E-03	0.00013	7E-06	8E-07	0.0063
1150	485305.11, 3855338.89	2.61541	1.53229	2.32765	3.1932	1.07896	4.91E-03	0.00013	6.3E-06	1.2E-06	5.06E-03	6.02E-03	1.65E-04	6.26E-06	6.75E-07	6.19E-03	5.31E-03	0.00013	6.1E-06	7E-07	0.0054
1151	485852.5, 3855635.28	1.83312	0.61342	1.91402	2.39075	1.03846	3.44E-03	5.4E-05	4.7E-06	1.2E-06	3.50E-03	4.22E-03	6.59E-05	4.68E-06	6.49E-07	4.29E-03	3.72E-03	5.1E-05	4.5E-06	6.7E-07	0.0038
1152	485902.5, 3855635.28	1.6878	0.59715	1.77988	2.20149	0.96174	3.17E-03	5.2E-05	4.4E-06	1.1E-06	3.23E-03	3.89E-03	6.42E-05	4.31E-06	6.02E-07	3.96E-03	3.43E-03	4.9E-05	4.2E-06	6.2E-07	0.0035
1153	485852.5, 3855685.28	2.00783	0.57743	2.08558	2.62631	1.15085	3.77E-03	5.1E-05	5.2E-06	1.3E-06	3.83E-03	4.62E-03	6.21E-05	5.14E-06	7.20E-07	4.69E-03	4.08E-03	4.8E-05	5E-06	7.4E-07	0.0041
1154	485902.5, 3855685.28	1.83202	0.55736	1.93066	2.40209	1.0601	3.44E-03	4.9E-05	4.8E-06	1.2E-06	3.50E-03	4.22E-03	5.99E-05	4.71E-06	6.63E-07	4.28E-03	3.72E-03	4.6E-05	4.6E-06	6.8E-07	0.0038
1155	485852.5, 3855735.28	2.2209	0.53621	2.3397	2.90692	1.27904	4.17E-03	4.7E-05	5.8E-06	1.4E-06	4.23E-03	5.11E-03	5.76E-05	5.69E-06	8.00E-07	5.18E-03	4.51E-03	4.4E-05	5.5E-06	8.3E-07	0.0046
1156	485902.5, 3855735.28	2.02071	0.52828	2.11594	2.65597	1.17915	3.80E-03	4.6E-05	5.3E-06	1.3E-06	3.85E-03	4.65E-03	5.68E-05	5.20E-06	7.37E-07	4.72E-03	4.10E-03	4.4E-05	5.1E-06	7.6E-07	0.0042
1157	485852.5, 3855785.28	2.53434	0.49874	2.58332	3.2839	1.44201	4.76E-03	4.4E-05	6.5E-06	1.6E-06	4.81E-03	5.84E-03	5.36E-05	6.43E-06	9.02E-07	5.90E-03	5.15E-03	4.1E-05	6.2E-06	9.3E-07	0.0052
1158	485902.5, 3855785.28	2.22987	0.49296	2.37134	2.92867	1.30266	4.19E-03	4.3E-05	5.8E-06	1.5E-06	4.24E-03	5.13E-03	5.30E-05	5.74E-06	8.15E-07	5.19E-03	4.53E-03	4.1E-05	5.6E-06	8.4E-07	0.0046
1159	486809.46, 3856465.28	1.98282	0.30922	2.06293	2.67941	1.20597	3.73E-03	2.7E-05	5.3E-06	1.3E-06	3.76E-03	4.57E-03	3.32E-05	5.25E-06	7.54E-07	4.61E-03	4.03E-03	2.6E-05	5.1E-06	7.8E-07	0.0041
1160	486859.46, 3856465.28	1.85555	0.30891	1.94891	2.51055	1.15658	3.49E-03	2.7E-05	5E-06	1.3E-06	3.52E-03	4.27E-03	3.32E-05	4.92E-06	7.23E-07	4.31E-03	3.77E-03	2.6E-05	4.8E-06	7.5E-07	0.0038
1161	486909.46, 3856465.28	1.74426	0.30924	1.84659	2.36129	1.10957	3.28E-03	2.7E-05	4.7E-06	1.2E-06	3.31E-03	4.02E-03	3.32E-05	4.63E-06	6.94E-07	4.06E-03	3.54E-03	2.6E-05	4.5E-06	7.2E-07	0.0036
1162	486809.46, 3856515.28	2.17117	0.32229	2.22278	2.92531	1.29673	4.08E-03	2.8E-05	5.8E-06	1.4E-06	4.12E-03	5.00E-03	3.46E-05	5.73E-06	8.11E-07	5.04E-03	4.41E-03	2.7E-05	5.6E-06	8.4E-07	0.0044
1163	486859.46, 3856515.28	2.014	0.32146	2.08967	2.72094	1.24187	3.78E-03	2.8E-05	5.4E-06	1.4E-06	3.82E-03	4.64E-03	3.46E-05	5.33E-06	7.77E-07	4.68E-03	4.09E-03	2.7E-05	5.2E-06	8E-07	0.0041
1164	486909.46, 3856515.28	1.88132	0.32139	1.97156	2.54474	1.19023	3.54E-03	2.8E-05	5.1E-06	1.3E-06	3.57E-03	4.33E-03	3.46E-05	4.98E-06	7.44E-07	4.37E-03	3.82E-03	2.7E-05	4.8E-06	7.7E-07	0.0039
1165	486980.94, 3856357.95	1.40905	0.29678	1.53061	1.90543	0.93462	2.65E-03	2.6E-05	3.8E-06	1E-06	2.68E-03	3.24E-03	3.19E-05	3.73E-06	5.85E-07	3.28E-03	2.86E-03	2.5E-05	3.6E-06	6E-07	0.0029
1166	487030.94, 3856357.95	1.34908	0.29486	1.46919	1.823	0.90837	2.54E-03	2.6E-05	3.6E-06	1E-06	2.57E-03	3.11E-03	3.17E-05	3.57E-06	5.68E-07	3.14E-03	2.74E-03	2.4E-05	3.5E-06	5.9E-07	0.0028
1167	486980.94, 3856407.95	1.49796	0.30166	1.61424	2.02765	0.99073	2.81E-03	2.6E-05	4E-06	1.1E-06	2.85E-03	3.45E-03	3.24E-05	3.97E-06	6.20E-07	3.49E-03	3.04E-03	2.5E-05	3.9E-06	6.4E-07	0.0031
1168	487030.94, 3856407.95	1.42847	0.29987	1.54541	1.93271	0.96021	2.68E-03	2.6E-05	3.8E-06	1.1E-06	2.72E-03	3.29E-03	3.22E-05	3.79E-06	6.01E-07	3.33E-03	2.90E-03	2.5E-05	3.7E-06	6.2E-07	0.0029
1169	487447.18, 3856437.45	1.06434	0.27939	1.17124	1.42807	0.81404	2.00E-03	2.5E-05	2.8E-06	9.1E-07	2.03E-03	2.45E-03	3.00E-05	2.80E-06	5.09E-07	2.48E-03	2.16E-03	2.3E-05	2.7E-06	5.3E-07	0.0022
1170	487497.18, 3856437.45	1.02962	0.2812	1.1351	1.37994	0.79935	1.93E-03	2.5E-05	2.7E-06	8.9E-07	1.96E-03	2.37E-03	3.02E-05	2.70E-06	5.00E-07	2.40E-03	2.09E-03	2.3E-05	2.6E-06	5.2E-07	0.0021
1171	487547.18, 3856437.45	0.99725	0.28445	1.10114	1.33461	0.78649	1.87E-03	2.5E-05	2.6E-06	8.8E-07	1.90E-03	2.30E-03	3.06E-05	2.61E-06	4.92E-07	2.33E-03	2.02E-03	2.4E-05	2.5E-06	5.1E-07	0.0021
1172	487447.18, 3856487.45	1.10693	0.29116	1.21704	1.48723	0.85416	2.08E-03	2.6E-05	3E-06	9.5E-07	2.11E-03	2.55E-03	3.13E-05	2.91E-06	5.34E-07	2.58E-03	2.25E-03	2.4E-05	2.8E-06	5.5E-07	0.0023
1173	487497.18, 3856487.45	1.06881	0.29433	1.17795	1.43465	0.83729	2.01E-03	2.6E-05	2.8E-06	9.4E-07	2.04E-03	2.46E-03	3.16E-05	2.81E-06	5.24E-07	2.50E-03	2.17E-03	2.4E-05	2.7E-06	5.4E-07	0.0022
1174	487547.18, 3856487.45	1.03309	0.30282	1.14135	1.38529	0.8236	1.94E-03	2.7E-05	2.7E-06	9.2E-07	1.97E-03	2.38E-03	3.26E-05	2.71E-06	5.15E-07	2.41E-03	2.10E-03	2.5E-05	2.6E-06	5.3E-07	0.0021
1175	487447.18, 3856537.45	1.15086	0.312	1.26579	1.54952	0.89659	2.16E-03	2.7E-05	3.1E-06	1E-06	2.19E-03	2.65E-03	3.35E-05	3.04E-06	5.61E-07	2.69E-03	2.34E-03	2.6E-05	2.9E-06	5.8E-07	0.0024
1176	487497.18, 3856537.45	1.10923	0.31629	1.22344	1.49195	0.87725	2.08E-03	2.8E-05	3E-06	9.8E-07	2.12E-03	2.55E-03	3.40E-05	2.92E-06	5.49E-07	2.59E-03	2.25E-03	2.6E-05	2.8E-06	5.7E-07	0.0023
1177	487547.18, 3856537.45	1.07047	0.32145	1.18384	1.43815	0.86364	2.01E-03	2.8E-05	2.9E-06	9.6E-07	2.04E-03	2.47E-03	3.46E-05	2.82E-06	5.40E-07	2.50E-03	2.17E-03	2.7E-05	2.7E-06	5.6E-07	0.0022
1178	489285.89, 3858826.54	0.4017	0.15773	0.14271	0.10997	0.21162	7.55E-04	1.4E-05	2.2E-07	2.4E-07	7.69E-04	9.25E-04	1.70E-05	2.15E-07	1.32E-07	9.42E-04	8.16E-04	1.3E-05	2.1E-07	1.4E-07	0.0008
1179	489335.89, 3858826.54	0.37444	0.15799	0.14291	0.10945	0.21187	7.04E-04	1.4E-05	2.2E-07	2.4E-07	7.18E-04	8.62E-04	1.70E-05	2.14E-07	1.33E-07	8.80E-04	7.60E-04	1.3E-05	2.1E-07	1.4E-07	0.0008
1180	489385.89, 3858826.54	0.35161	0.15864	0.14337	0.10914	0.21226	6.61E-04	1.4E-05	2.2E-07	2.4E-07	6.75E-04	8.10E-04	1.71E-05	2.14E-07	1.33E-07	8.27E-04	7.14E-04	1.3E-05	2.1E-07	1.4E-07	0.0007
1181	489435.89, 3858826.54	0.33252	0.15938	0.14387	0.10891	0.21278	6.25E-04	1.4E-05	2.2E-07	2.4E-07	6.39E-04	7.66E-04	1.71E-05	2.13E-07	1.33E-07	7.83E-04	6.75E-04	1.3E-05	2.1E-07	1.4E-07	0.0007
1182	489485.89, 3858826.54	0.3164	0.16024	0.14442	0.1088	0.21247	5.95E-04	1.4E-05	2.2E-07	2.4E-07	6.09E-04	7.29E-04	1.72E-05	2.13E-07	1.33E-07	7.46E-04	6.42E-04	1.3E-05	2.1E-07	1.4E-07	0.0007
1183	489535.89, 3858826.54	0.3025	0.16125	0.14504	0.10883	0.21294	5.68E-04	1.4E-05	2.2E-07	2.4E-07	5.83E-04	6.97E-04	1.73E-05	2.13E-07	1.33E-07	7.14E-04	6.14E-04	1.3E-05	2.1E-07	1.4E-07	0.0006
1184	489585.89, 3858826.54	0.29044	0.16229	0.14567	0.10898	0.21334	5.46E-04	1.4E-05	2.2E-07	2.4E-07	5.60E-04	6.69E-04	1.74E-05	2.13E-07	1.33E-07	6.87E-04	5.90E-04	1.3E-05	2.1E-07	1.4E-07	0.0006
1185	489635.89, 3858826.54	0.2798	0.16343	0.14636	0.10927	0.21356	5.26E-04	1.4E-05	2.2E-07	2.4E-07	5.41E-04	6.44E-04	1.76E-05	2.14E-07	1.34E-07	6.62E-04	5.68E-04	1.4E-05	2.1E-07	1.4E-07	0.0006
1186	489685.89, 3858826.54	0.27023	0.16457	0.14707	0.10966	0.21361	5.08E-04	1.4E-05	2.2E-07	2.4E-07	5.23E-04	6.22E-04	1.77E-05	2.15E-07	1.34E-07	6.40E-04	5.49E-04	1.4E-05	2.1E-07	1.4E-07	0.0006
1187	489735.89, 3858826.54	0.26159	0.16565	0.14774	0.11014	0.21348	4.92E-04	1.5E-05	2.2E-07	2.4E-07	5.07E-04	6.02E-04	1.78E-05	2.16E-07	1.34E-07	6.21E-04	5.31E-04	1.4E-05	2.1E-07	1.4E-07	0.0005
1188	489785.89, 3858826.54	0.25384	0.16651	0.14825	0.11062	0.21329	4.77E-04	1.5E-05	2.2E-07	2.4E-07	4.92E-04	5.85E-04	1.79E-05	2.17E-07	1.33E-07	6.03E-04	5.15E-04	1.4E-05	2.1E-07	1.4E-07	0.0005
1189	489835.89, 3858826.54	0.24675	0.1674	0.14884	0.11122	0.21281	4.64E-04	1.5E-05	2.2E-07	2.4E-07	4.79E-04	5.68E-04	1.80E-05	2.18E-07	1.33E-07	5.87E-04	5.01E-04	1.4E-05	2.1E-07	1.4E-07	0.0005
1190	489885.89, 3858826.54	0.24034	0.16796	0.14921	0.11175	0.21235	4.52E-04	1.5E-05	2.2E-07	2.4E-07	4.67E-04	5.53E-04	1.81E-05	2.19E-07	1.33E-07	5.72E-04	4.88E-04	1.4E-05	2.1E-07	1.4E-07	0.0005
1191	489935.89, 3858826.54	0.23445	0.16842	0.14954	0.1123	0.21174	4.41E-04	1.5E-05	2.2E-07	2.4E-07	4.56E-04	5.40E-04	1.81E-05	2.20E-07	1.32E-07	5.58E-04	4.76E-04	1.4E-05	2.1E-07	1.4E-07	0.0005
1192	489985.89, 3858826.54	0.22901	0.16877	0.14985	0.11287	0.21097	4.30E-04	1.5E-05	2.2E-07	2.4E-07	4.46E-04	5.27E-04	1.81E-05	2.21E-07	1.32E-07	5.46E-04	4.65E-04	1.4E-05	2.1E-07	1.4E-07	0.0005
1193	490035.89, 3858826.54	0.22392	0.16916	0.15027	0.1135	0.20992	4.21E-04	1.5E-05	2.3E-07	2.3E-07	4.36E-04	5.16E-04	1.82E-05	2.22E-07	1.31E-07	5.34E-04	4.55E-04	1.4E-05	2.2E-07	1.4E-07	0.0005
1194	489285.89, 3858876.54	0.36704	0.15017	0.13614	0.10672	0.19844	6.90E-04	1.3E-05	2.1E-07	2.2E-07	7.03E-04	8.45E-04	1.61E-05	2.09E-07	1.24E-07	8.62E-04	7.45E-04	1.2E-05	2E-07	1.3E-07	0.0008
1195	489335.89, 3858876.54	0.34413	0.15013	0.13613	0.1061	0.19827	6.47E-04	1.3E-05	2.1E-07	2.2E-07	6.60E-04	7.92E-04	1.61E-05	2.08E-07	1.24E-07	8.09E-04	6.99E-04	1.2E-05	2E-07	1.3E-07	0.0007
1196	489385.89, 3858876.54	0.32499	0.15028	0.13625	0.10557	0.19841	6.11E-04	1.3E-05	2.1E-07	2.2E-07	6.24E-04	7.48E-04	1.62E-05	2.07E-07	1.24E-07	7.65E-04	6.60E-04	1.2E-05	2E-07	1.3E-07	0.0007
1197	489435.89, 3858876.54	0.30872	0.15066	0.13652	0.10516	0.19877	5.80E-04	1.3E-05	2.1E-07	2.2E-07	5.94E-04	7.11E-04	1.62E-05	2.06E-07	1.24E-07	7.27E-04	6.27E-04	1.2E-05	2E-07	1.3E-07	0.0006
1198	489485.89, 3858876.54	0.29467	0.15124	0.13691	0.10488	0.19926	5.54E-04	1.3E-05	2.1E-07	2.2E-07	5.67E-04	6.79E-04	1.63E-05	2.05E-07	1.25E-07	6.95E-04	5.98E-04	1.3E-05	2E-07	1.3E-07	0.0006
1199	489535.89, 3858876.54	0.28251	0.15201	0.13742	0.10474	0.19982	5.31E-04	1.3E-05	2.1E-07	2.2E-07	5.45E-04	6.51E-04	1.63E-05	2.05E-07	1.25E-07	6.67E-04	5.74E-04	1.3E-05	2E-07	1.3E-07	0.0006
1200	489585.89, 3858876.54	0.27191	0.153	0.13809	0.10476	0.19951	5.11E-04	1.3E-05	2.1E-07	2.2E-07	5.25E-04	6.26E-04	1.64E-05	2.05E-07	1.25E-07	6.43E-04	5.52E-04	1.3E-05	2E-07	1.3E-07	0.0006
1201	489635.89, 3858876.54	0.26269	0.15393	0.13866	0.10483	0.20005	4.94E-04	1.4E-05	2.1E-07	2.2E-07	5.08E-04	6.05E-04	1.65E-05	2.05E-07	1.25E-07	6.22E-04	5.33E-04	1.3E-05	2E-07	1.3E-07	0.0005
1202	489685.89, 3858876.54	0.25439	0.15499	0.13932	0.10504	0.20044	4.78E-04	1.4E-05	2.1E-07	2.2E-07	4.92E-04	5.86E-04	1.67E-05	2.06E-07	1.25E-07	6.03E-04	5.17E-04	1.3E-05	2E-07	1.3E-07	0.0005
1203	489735.89, 3858876.54	0.24686	0.15611	0.14004	0.10538	0.20065	4.64E-04	1.4E-05	2.1E-07	2.2E-07	4.78E-04	5.68E-04	1.68E-05	2.06E-07	1.25E-07	5.86E-04	5.01E-04	1.3E-05	2E-07	1.3E-07	0.0005
1204	489785.89, 3858876.54	0.24004	0.15706	0.1406	0.10573	0.20083	4.51E-04	1.4E-05	2.1E-07	2.2E-07	4.65E-04	5.53E-04	1.69E-05	2.07E-07	1.26E-07	5.70E-04	4.87E-04	1.3E-05	2E-07	1.3E-07	0.0005
1205	489835.89, 3858876.54	0.23379	0.15805	0.14124	0.1062	0.20078	4.39E-04	1.4E-05	2.1E-07	2.2E-07	4.54E-04	5.38E-04	1.70E-05	2.08E-07	1.26E-07	5.56E-04	4.75E-04	1.3E-05	2E-07	1.3E-07	0.0005
1206	489885.89, 3858876.54	0.22814	0.15871	0.14161	0.10661	0.20076	4.29E-04	1.4E-05	2.1E-07	2.2E-07	4.43E-04	5.25E-04	1.71E-05	2.09E-07	1.26E-07	5.43E-04	4.63E-04	1.3E-05	2E-07	1.3E-07	0.0005
1207	489935.89, 3858876.54	0.22286	0.15953	0.14219	0.10719	0.20038	4.19E-04	1.4E-05	2.1E-07	2.2E-07	4.33E-04	5.13E-04	1.71E-05	2.10E-07	1.25E-07	5.31E-04	4.52E-04	1.3E-05	2E-07	1.3E-07	0.0005
1208	489985.89, 3858876.54	0.21796	0.16028	0.14275	0.10782	0.19982	4.10E-04	1.4E-05	2.1E-07	2.2E-07	4.24E-04	5.02E-04	1.72E-05	2.11E-07	1.25E-07	5.19E-04	4.43E-04	1.3E-05	2.1E-07	1.3E-07	0.0005
1209	490035.89, 3858876.54	0.21343	0.16085	0.14321	0.10842	0.19918	4.01E-04	1.4E-05	2.2E-07	2.2E-07	4.16E-04	4.91E-04	1.73E-05	2.12E-07	1.25E-07	5.09E-04	4.33E-04	1.3E-05	2.1E-07	1.3E-07	0.0004
1210	489285.89, 3858926.54	0.32464	0.14354	0.13032	0.10372	0.18741	6.10E-04	1.3E-05	2.1E-07	2.1E-07	6.23E-04	7.48E-04	1.54E-05	2.03E-07	1.17E-07	7.63E-04	6.59E-04	1.2E-05	2E-07	1.2E-07	0.0007
1211	489335.89, 3858926.54	0.3083	0.14322	0.13011	0.10304	0.18676	5.79E-04	1.3E-05	2E-07	2.1E-07	5.92E-04	7.10E-04	1.54E-05	2.02E-07	1.17E-07	7.26E-04	6.26E-04	1.2E-05	2E-07	1.2E-07	0.0006
1212	489385.89, 3858926.54	0.29406	0.14316	0.13009	0.10246	0.18645	5.53E-04	1.3E-05	2E-07	2.1E-07	5.66E-04	6.77E-04	1.54E-05	2.01E-07	1.17E-07	6.93E-04	5.97E-04	1.2E-05	1.9E-07	1.2E-07	0.0006

1213	489435.89, 3858926.54	0.28165	0.14318	0.13012	0.10191	0.18647	5.29E-04	1.3E-05	2E-07	2.1E-07	5.42E-04	6.49E-04	1.54E-05	2.00E-07	1.17E-07	6.64E-04	5.72E-04	1.2E-05	1.9E-07	1.2E-07	0.0006
1214	489485.89, 3858926.54	0.27068	0.14344	0.13031	0.10149	0.18672	5.09E-04	1.3E-05	2E-07	2.1E-07	5.22E-04	6.23E-04	1.54E-05	1.99E-07	1.17E-07	6.39E-04	5.50E-04	1.2E-05	1.9E-07	1.2E-07	0.0006
1215	489535.89, 3858926.54	0.2609	0.1439	0.13063	0.10118	0.18715	4.90E-04	1.3E-05	2E-07	2.1E-07	5.03E-04	6.01E-04	1.55E-05	1.98E-07	1.17E-07	6.17E-04	5.30E-04	1.2E-05	1.9E-07	1.2E-07	0.0005
1216	489585.89, 3858926.54	0.25216	0.14455	0.13108	0.101	0.18768	4.74E-04	1.3E-05	2E-07	2.1E-07	4.87E-04	5.81E-04	1.55E-05	1.98E-07	1.17E-07	5.97E-04	5.12E-04	1.2E-05	1.9E-07	1.2E-07	0.0005
1217	489635.89, 3858926.54	0.24441	0.14533	0.13159	0.10092	0.18751	4.59E-04	1.3E-05	2E-07	2.1E-07	4.72E-04	5.63E-04	1.56E-05	1.98E-07	1.17E-07	5.79E-04	4.96E-04	1.2E-05	1.9E-07	1.2E-07	0.0005
1218	489685.89, 3858926.54	0.23758	0.1463	0.13224	0.10099	0.18801	4.46E-04	1.3E-05	2E-07	2.1E-07	4.60E-04	5.47E-04	1.57E-05	1.98E-07	1.18E-07	5.63E-04	4.82E-04	1.2E-05	1.9E-07	1.2E-07	0.0005
1219	489735.89, 3858926.54	0.23133	0.14717	0.13278	0.10109	0.18858	4.35E-04	1.3E-05	2E-07	2.1E-07	4.48E-04	5.33E-04	1.58E-05	1.98E-07	1.18E-07	5.49E-04	4.70E-04	1.2E-05	1.9E-07	1.2E-07	0.0005
1220	489785.89, 3858926.54	0.22558	0.14805	0.13331	0.10127	0.18906	4.24E-04	1.3E-05	2E-07	2.1E-07	4.37E-04	5.19E-04	1.59E-05	1.98E-07	1.18E-07	5.36E-04	4.58E-04	1.2E-05	1.9E-07	1.2E-07	0.0005
1221	489835.89, 3858926.54	0.2203	0.14911	0.13399	0.10162	0.18931	4.14E-04	1.3E-05	2E-07	2.1E-07	4.27E-04	5.07E-04	1.60E-05	1.99E-07	1.18E-07	5.24E-04	4.47E-04	1.2E-05	1.9E-07	1.2E-07	0.0005
1222	489885.89, 3858926.54	0.21543	0.14997	0.13452	0.10197	0.18954	4.05E-04	1.3E-05	2E-07	2.1E-07	4.18E-04	4.96E-04	1.61E-05	2.00E-07	1.19E-07	5.13E-04	4.37E-04	1.2E-05	1.9E-07	1.2E-07	0.0005
1223	489935.89, 3858926.54	0.2109	0.15086	0.1351	0.10243	0.18955	3.96E-04	1.3E-05	2E-07	2.1E-07	4.10E-04	4.86E-04	1.62E-05	2.01E-07	1.19E-07	5.02E-04	4.28E-04	1.2E-05	1.9E-07	1.2E-07	0.0004
1224	489985.89, 3858926.54	0.20666	0.15182	0.13578	0.10301	0.18931	3.88E-04	1.3E-05	2E-07	2.1E-07	4.02E-04	4.76E-04	1.63E-05	2.02E-07	1.18E-07	4.93E-04	4.20E-04	1.3E-05	2E-07	1.2E-07	0.0004
1225	490035.89, 3858926.54	0.20264	0.15288	0.13659	0.10371	0.18874	3.81E-04	1.3E-05	2.1E-07	2.1E-07	3.95E-04	4.67E-04	1.64E-05	2.03E-07	1.18E-07	4.83E-04	4.11E-04	1.3E-05	2E-07	1.2E-07	0.0004
1226	489335.89, 3858976.54	0.27164	0.13726	0.12488	0.10027	0.17711	5.10E-04	1.2E-05	2E-07	2E-07	5.23E-04	6.26E-04	1.48E-05	1.96E-07	1.11E-07	6.41E-04	5.52E-04	1.1E-05	1.9E-07	1.1E-07	0.0006
1227	489385.89, 3858976.54	0.2624	0.13696	0.12468	0.09965	0.17635	4.93E-04	1.2E-05	2E-07	2E-07	5.06E-04	6.04E-04	1.47E-05	1.95E-07	1.10E-07	6.19E-04	5.33E-04	1.1E-05	1.9E-07	1.1E-07	0.0005
1228	489435.89, 3858976.54	0.25392	0.13662	0.12443	0.09897	0.17595	4.77E-04	1.2E-05	2E-07	2E-07	4.90E-04	5.85E-04	1.47E-05	1.94E-07	1.10E-07	6.00E-04	5.16E-04	1.1E-05	1.9E-07	1.1E-07	0.0005
1229	489485.89, 3858976.54	0.24608	0.13663	0.12445	0.09846	0.17582	4.62E-04	1.2E-05	2E-07	2E-07	4.75E-04	5.67E-04	1.47E-05	1.93E-07	1.10E-07	5.82E-04	5.00E-04	1.1E-05	1.9E-07	1.1E-07	0.0005
1230	489535.89, 3858976.54	0.23887	0.13687	0.12464	0.09807	0.17594	4.49E-04	1.2E-05	1.9E-07	2E-07	4.61E-04	5.50E-04	1.47E-05	1.92E-07	1.10E-07	5.65E-04	4.85E-04	1.1E-05	1.9E-07	1.1E-07	0.0005
1231	489585.89, 3858976.54	0.23226	0.13713	0.12482	0.09769	0.1763	4.36E-04	1.2E-05	1.9E-07	2E-07	4.49E-04	5.35E-04	1.47E-05	1.91E-07	1.10E-07	5.50E-04	4.72E-04	1.1E-05	1.9E-07	1.1E-07	0.0005
1232	489635.89, 3858976.54	0.22613	0.13766	0.12519	0.09747	0.17678	4.25E-04	1.2E-05	1.9E-07	2E-07	4.37E-04	5.21E-04	1.48E-05	1.91E-07	1.11E-07	5.36E-04	4.59E-04	1.1E-05	1.9E-07	1.1E-07	0.0005
1233	489685.89, 3858976.54	0.22047	0.13838	0.1257	0.09738	0.17661	4.14E-04	1.2E-05	1.9E-07	2E-07	4.27E-04	5.08E-04	1.49E-05	1.91E-07	1.10E-07	5.23E-04	4.48E-04	1.1E-05	1.9E-07	1.1E-07	0.0005
1234	489735.89, 3858976.54	0.2154	0.13911	0.12617	0.09733	0.17722	4.05E-04	1.2E-05	1.9E-07	2E-07	4.17E-04	4.96E-04	1.50E-05	1.91E-07	1.11E-07	5.11E-04	4.37E-04	1.2E-05	1.9E-07	1.1E-07	0.0004
1235	489785.89, 3858976.54	0.21074	0.13983	0.1266	0.09734	0.17789	3.96E-04	1.2E-05	1.9E-07	2E-07	4.09E-04	4.85E-04	1.50E-05	1.91E-07	1.11E-07	5.01E-04	4.28E-04	1.2E-05	1.9E-07	1.1E-07	0.0004
1236	489835.89, 3858976.54	0.2065	0.14066	0.12712	0.09746	0.17846	3.88E-04	1.2E-05	1.9E-07	2E-07	4.01E-04	4.76E-04	1.51E-05	1.91E-07	1.12E-07	4.91E-04	4.19E-04	1.2E-05	1.9E-07	1.2E-07	0.0004
1237	489885.89, 3858976.54	0.20257	0.14179	0.12789	0.09782	0.17875	3.81E-04	1.2E-05	1.9E-07	2E-07	3.94E-04	4.66E-04	1.52E-05	1.92E-07	1.12E-07	4.82E-04	4.11E-04	1.2E-05	1.9E-07	1.2E-07	0.0004
1238	489935.89, 3858976.54	0.19878	0.1428	0.12857	0.0982	0.179	3.74E-04	1.3E-05	1.9E-07	2E-07	3.86E-04	4.58E-04	1.54E-05	1.92E-07	1.12E-07	4.73E-04	4.04E-04	1.2E-05	1.9E-07	1.2E-07	0.0004
1239	489985.89, 3858976.54	0.19524	0.14373	0.12919	0.09861	0.17915	3.67E-04	1.3E-05	2E-07	2E-07	3.80E-04	4.50E-04	1.55E-05	1.93E-07	1.12E-07	4.65E-04	3.96E-04	1.2E-05	1.9E-07	1.2E-07	0.0004
1240	490035.89, 3858976.54	0.19155	0.14559	0.13068	0.09956	0.17826	3.60E-04	1.3E-05	2E-07	2E-07	3.73E-04	4.41E-04	1.57E-05	1.95E-07	1.11E-07	4.57E-04	3.89E-04	1.2E-05	1.9E-07	1.2E-07	0.0004
1241	489385.89, 3859026.54	0.23274	0.13152	0.11992	0.09707	0.16788	4.37E-04	1.2E-05	1.9E-07	1.9E-07	4.49E-04	5.36E-04	1.41E-05	1.90E-07	1.05E-07	5.50E-04	4.73E-04	1.1E-05	1.8E-07	1.1E-07	0.0005
1242	489435.89, 3859026.54	0.22749	0.13109	0.11959	0.09641	0.16704	4.27E-04	1.2E-05	1.9E-07	1.9E-07	4.39E-04	5.24E-04	1.41E-05	1.89E-07	1.04E-07	5.38E-04	4.62E-04	1.1E-05	1.8E-07	1.1E-07	0.0005
1243	489485.89, 3859026.54	0.22238	0.13083	0.11941	0.09582	0.1665	4.18E-04	1.1E-05	1.9E-07	1.9E-07	4.30E-04	5.12E-04	1.41E-05	1.88E-07	1.04E-07	5.26E-04	4.52E-04	1.1E-05	1.8E-07	1.1E-07	0.0005
1244	489535.89, 3859026.54	0.21747	0.13069	0.11931	0.09527	0.16626	4.09E-04	1.1E-05	1.9E-07	1.9E-07	4.21E-04	5.01E-04	1.40E-05	1.87E-07	1.04E-07	5.15E-04	4.42E-04	1.1E-05	1.8E-07	1.1E-07	0.0005
1245	489585.89, 3859026.54	0.21278	0.13081	0.11942	0.09485	0.16627	4.00E-04	1.1E-05	1.9E-07	1.9E-07	4.12E-04	4.90E-04	1.41E-05	1.86E-07	1.04E-07	5.04E-04	4.32E-04	1.1E-05	1.8E-07	1.1E-07	0.0004
1246	489635.89, 3859026.54	0.20831	0.131	0.11955	0.09447	0.16652	3.91E-04	1.1E-05	1.9E-07	1.9E-07	4.03E-04	4.80E-04	1.41E-05	1.85E-07	1.04E-07	4.94E-04	4.23E-04	1.1E-05	1.8E-07	1.1E-07	0.0004
1247	489685.89, 3859026.54	0.20407	0.13137	0.11982	0.09419	0.16694	3.83E-04	1.2E-05	1.9E-07	1.9E-07	3.95E-04	4.70E-04	1.41E-05	1.85E-07	1.04E-07	4.84E-04	4.14E-04	1.1E-05	1.8E-07	1.1E-07	0.0004
1248	489735.89, 3859026.54	0.2001	0.13181	0.12009	0.09397	0.16748	3.76E-04	1.2E-05	1.9E-07	1.9E-07	3.88E-04	4.61E-04	1.42E-05	1.84E-07	1.05E-07	4.75E-04	4.06E-04	1.1E-05	1.8E-07	1.1E-07	0.0004
1249	489785.89, 3859026.54	0.19639	0.13239	0.12046	0.09386	0.16808	3.69E-04	1.2E-05	1.9E-07	1.9E-07	3.81E-04	4.52E-04	1.42E-05	1.84E-07	1.05E-07	4.67E-04	3.99E-04	1.1E-05	1.8E-07	1.1E-07	0.0004
1250	489835.89, 3859026.54	0.19294	0.1333	0.12111	0.09396	0.168	3.63E-04	1.2E-05	1.9E-07	1.9E-07	3.75E-04	4.44E-04	1.43E-05	1.84E-07	1.05E-07	4.59E-04	3.92E-04	1.1E-05	1.8E-07	1.1E-07	0.0004
1251	489885.89, 3859026.54	0.18979	0.13418	0.12169	0.09409	0.16854	3.57E-04	1.2E-05	1.9E-07	1.9E-07	3.69E-04	4.37E-04	1.44E-05	1.84E-07	1.05E-07	4.52E-04	3.85E-04	1.1E-05	1.8E-07	1.1E-07	0.0004
1252	489935.89, 3859026.54	0.18676	0.13518	0.12238	0.09436	0.16896	3.51E-04	1.2E-05	1.9E-07	1.9E-07	3.63E-04	4.30E-04	1.45E-05	1.85E-07	1.06E-07	4.45E-04	3.79E-04	1.1E-05	1.8E-07	1.1E-07	0.0004
1253	489985.89, 3859026.54	0.18386	0.1362	0.12308	0.0947	0.16928	3.46E-04	1.2E-05	1.9E-07	1.9E-07	3.58E-04	4.23E-04	1.46E-05	1.86E-07	1.06E-07	4.38E-04	3.73E-04	1.1E-05	1.8E-07	1.1E-07	0.0004
1254	490035.89, 3859026.54	0.18066	0.13823	0.12472	0.09561	0.16852	3.39E-04	1.2E-05	1.9E-07	1.9E-07	3.52E-04	4.16E-04	1.49E-05	1.87E-07	1.05E-07	4.31E-04	3.67E-04	1.1E-05	1.8E-07	1.1E-07	0.0004
1255	489485.89, 3859076.54	0.20087	0.12575	0.11497	0.0934	0.15864	3.77E-04	1.1E-05	1.9E-07	1.8E-07	3.89E-04	4.63E-04	1.35E-05	1.83E-07	9.92E-08	4.76E-04	4.08E-04	1E-05	1.8E-07	1E-07	0.0004
1256	489535.89, 3859076.54	0.19773	0.12545	0.11475	0.09282	0.15801	3.72E-04	1.1E-05	1.8E-07	1.8E-07	3.83E-04	4.55E-04	1.35E-05	1.82E-07	9.88E-08	4.69E-04	4.01E-04	1E-05	1.8E-07	1E-07	0.0004
1257	489585.89, 3859076.54	0.1946	0.12529	0.11464	0.0923	0.15765	3.66E-04	1.1E-05	1.8E-07	1.8E-07	3.77E-04	4.48E-04	1.35E-05	1.81E-07	9.86E-08	4.62E-04	3.95E-04	1E-05	1.8E-07	1E-07	0.0004
1258	489635.89, 3859076.54	0.19148	0.12514	0.11452	0.09177	0.15758	3.60E-04	1.1E-05	1.8E-07	1.8E-07	3.71E-04	4.41E-04	1.35E-05	1.80E-07	9.86E-08	4.55E-04	3.89E-04	1E-05	1.7E-07	1E-07	0.0004
1259	489685.89, 3859076.54	0.18844	0.12519	0.11454	0.09134	0.15774	3.54E-04	1.1E-05	1.8E-07	1.8E-07	3.65E-04	4.34E-04	1.35E-05	1.79E-07	9.87E-08	4.48E-04	3.83E-04	1E-05	1.7E-07	1E-07	0.0004
1260	489735.89, 3859076.54	0.18552	0.12541	0.11469	0.09102	0.15807	3.49E-04	1.1E-05	1.8E-07	1.8E-07	3.60E-04	4.27E-04	1.35E-05	1.78E-07	9.89E-08	4.41E-04	3.77E-04	1E-05	1.7E-07	1E-07	0.0004
1261	489785.89, 3859076.54	0.18271	0.1258	0.11495	0.0908	0.15853	3.43E-04	1.1E-05	1.8E-07	1.8E-07	3.55E-04	4.21E-04	1.35E-05	1.78E-07	9.92E-08	4.35E-04	3.71E-04	1E-05	1.7E-07	1E-07	0.0004
1262	489835.89, 3859076.54	0.17996	0.12643	0.1154	0.09073	0.15906	3.38E-04	1.1E-05	1.8E-07	1.8E-07	3.50E-04	4.14E-04	1.36E-05	1.78E-07	9.95E-08	4.28E-04	3.65E-04	1E-05	1.7E-07	1E-07	0.0004
1263	489885.89, 3859076.54	0.17734	0.12721	0.11595	0.09076	0.15902	3.33E-04	1.1E-05	1.8E-07	1.8E-07	3.45E-04	4.08E-04	1.37E-05	1.78E-07	9.95E-08	4.22E-04	3.60E-04	1.1E-05	1.7E-07	1E-07	0.0004
1264	489935.89, 3859076.54	0.175	0.128	0.11649	0.09085	0.15958	3.29E-04	1.1E-05	1.8E-07	1.8E-07	3.40E-04	4.03E-04	1.38E-05	1.78E-07	9.98E-08	4.17E-04	3.55E-04	1.1E-05	1.7E-07	1E-07	0.0004
1265	489985.89, 3859076.54	0.17276	0.12903	0.11723	0.0911	0.15999	3.25E-04	1.1E-05	1.8E-07	1.8E-07	3.36E-04	3.98E-04	1.39E-05	1.78E-07	1.00E-07	4.12E-04	3.51E-04	1.1E-05	1.7E-07	1E-07	0.0004
1266	490035.89, 3859076.54	0.17027	0.13083	0.11867	0.09181	0.15967	3.20E-04	1.1E-05	1.8E-07	1.8E-07	3.32E-04	3.92E-04	1.41E-05	1.80E-07	9.99E-08	4.06E-04	3.46E-04	1.1E-05	1.7E-07	1E-07	0.0004
1267	489585.89, 3859126.54	0.17822	0.12039	0.11036	0.08995	0.15034	3.35E-04	1.1E-05	1.8E-07	1.7E-07	3.46E-04	4.10E-04	1.29E-05	1.76E-07	9.40E-08	4.24E-04	3.62E-04	1E-05	1.7E-07	9.7E-08	0.0004
1268	489635.89, 3859126.54	0.17612	0.12003	0.11007	0.08935	0.14992	3.31E-04	1.1E-05	1.8E-07	1.7E-07	3.42E-04	4.06E-04	1.29E-05	1.75E-07	9.38E-08	4.19E-04	3.58E-04	9.9E-06	1.7E-07	9.7E-08	0.0004
1269	489685.89, 3859126.54	0.17402	0.11987	0.10995	0.08885	0.14973	3.27E-04	1.1E-05	1.8E-07	1.7E-07	3.38E-04	4.01E-04	1.29E-05	1.74E-07	9.36E-08	4.14E-04	3.53E-04	9.9E-06	1.7E-07	9.7E-08	0.0004
1270	489735.89, 3859126.54	0.17192	0.11988	0.10995	0.08843	0.14977	3.23E-04	1.1E-05	1.8E-07	1.7E-07	3.34E-04	3.96E-04	1.29E-05	1.73E-07	9.37E-08	4.09E-04	3.49E-04	9.9E-06	1.7E-07	9.7E-08	0.0004
1271	489785.89, 3859126.54	0.16986	0.12003	0.11005	0.0881	0.15	3.19E-04	1.1E-05	1.7E-07	1.7E-07	3.30E-04	3.91E-04	1.29E-05	1.73E-07	9.38E-08	4.04E-04	3.45E-04	9.9E-06	1.7E-07	9.7E-08	0.0004
1272	489835.89, 3859126.54	0.16786	0.12042	0.11034	0.0879	0.15037	3.15E-04	1.1E-05	1.7E-07	1.7E-07	3.26E-04	3.87E-04	1.29E-05	1.72E-07	9.40E-08	4.00E-04	3.41E-04	1E-05	1.7E-07	9.7E-08	0.0004
1273	489885.89, 3859126.54	0.1658	0.12102	0.11079	0.08784	0.15024	3.12E-04	1.1E-05	1.7E-07	1.7E-07	3.23E-04	3.82E-04	1.30E-05	1.72E-07	9.40E-08	3.95E-04	3.37E-04	1E-05	1.7E-07	9.7E-08	0.0003
1274	489935.89, 3859126.54	0.16389	0.12163	0.11121	0.08779	0.15077	3.08E-04	1.1E-05	1.7E-07	1.7E-07	3.19E-04	3.77E-04	1.31E-05	1.72E-07	9.43E-08	3.91E-04	3.33E-04	1E-05	1.7E-07	9.7E-08	0.0003
1275	489985.89, 3859126.54	0.16208	0.12274	0.11207	0.08805	0.15105	3.05E-04	1.1E-05	1.7E-07	1.7E-07	3.16E-04	3.73E-04	1.32E-05	1.72E-07	9.45E-08	3.87E-04	3.29E-04	1E-05	1.7E-07	9.8E-08	0.0003
1276	490035.89, 3859126.54	0.16024	0.12393	0.11299	0.08838	0.15125	3.01E-04	1.1E-05	1.8E-07	1.7E-07	3.12E-04	3.69E-04	1.33E-05	1.73E-07	9.46E-08	3.83E-04	3.25E-04	1E-05	1.7E-07	9.8E-08	0.0003

1277	489585.89, 3859176.54	0.16372	0.1162	0.1067	0.08787	0.14415	3.08E-04	1E-05	1.7E-07	1.6E-07	3.18E-04	3.77E-04	1.25E-05	1.72E-07	9.02E-08	3.90E-04	3.32E-04	9.6E-06	1.7E-07	9.3E-08	0.0003
1278	489635.89, 3859176.54	0.16245	0.11566	0.10626	0.08722	0.14339	3.05E-04	1E-05	1.7E-07	1.6E-07	3.16E-04	3.74E-04	1.24E-05	1.71E-07	8.97E-08	3.87E-04	3.30E-04	9.6E-06	1.7E-07	9.3E-08	0.0003
1279	489685.89, 3859176.54	0.16103	0.11522	0.1059	0.0866	0.14288	3.03E-04	1E-05	1.7E-07	1.6E-07	3.13E-04	3.71E-04	1.24E-05	1.70E-07	8.94E-08	3.83E-04	3.27E-04	9.5E-06	1.6E-07	9.2E-08	0.0003
1280	489735.89, 3859176.54	0.15956	0.11495	0.10567	0.08606	0.14261	3.00E-04	1E-05	1.7E-07	1.6E-07	3.10E-04	3.67E-04	1.24E-05	1.69E-07	8.92E-08	3.80E-04	3.24E-04	9.5E-06	1.6E-07	9.2E-08	0.0003
1281	489785.89, 3859176.54	0.15813	0.11499	0.10571	0.0857	0.14253	2.97E-04	1E-05	1.7E-07	1.6E-07	3.08E-04	3.64E-04	1.24E-05	1.68E-07	8.91E-08	3.77E-04	3.21E-04	9.5E-06	1.6E-07	9.2E-08	0.0003
1282	489835.89, 3859176.54	0.15667	0.11513	0.10582	0.08539	0.14265	2.94E-04	1E-05	1.7E-07	1.6E-07	3.05E-04	3.61E-04	1.24E-05	1.67E-07	8.92E-08	3.73E-04	3.18E-04	9.5E-06	1.6E-07	9.2E-08	0.0003
1283	489885.89, 3859176.54	0.15522	0.11549	0.1061	0.08521	0.14292	2.92E-04	1E-05	1.7E-07	1.6E-07	3.02E-04	3.57E-04	1.24E-05	1.67E-07	8.94E-08	3.70E-04	3.15E-04	9.6E-06	1.6E-07	9.2E-08	0.0003
1284	489935.89, 3859176.54	0.15372	0.11589	0.10639	0.08505	0.14333	2.89E-04	1E-05	1.7E-07	1.6E-07	2.99E-04	3.54E-04	1.25E-05	1.67E-07	8.96E-08	3.67E-04	3.12E-04	9.6E-06	1.6E-07	9.3E-08	0.0003
1285	489985.89, 3859176.54	0.15218	0.1168	0.10711	0.08518	0.14299	2.86E-04	1E-05	1.7E-07	1.6E-07	2.97E-04	3.50E-04	1.26E-05	1.67E-07	8.94E-08	3.63E-04	3.09E-04	9.7E-06	1.6E-07	9.2E-08	0.0003
1286	490035.89, 3859176.54	0.15084	0.1174	0.10754	0.08517	0.14354	2.83E-04	1E-05	1.7E-07	1.6E-07	2.94E-04	3.47E-04	1.26E-05	1.67E-07	8.98E-08	3.60E-04	3.06E-04	9.7E-06	1.6E-07	9.3E-08	0.0003
1287	489685.89, 3859226.54	0.14945	0.11128	0.10245	0.08464	0.13704	2.81E-04	9.8E-06	1.7E-07	1.5E-07	2.91E-04	3.44E-04	1.20E-05	1.66E-07	8.57E-08	3.56E-04	3.03E-04	9.2E-06	1.6E-07	8.9E-08	0.0003
1288	489735.89, 3859226.54	0.14848	0.11076	0.10201	0.084	0.13647	2.79E-04	9.7E-06	1.7E-07	1.5E-07	2.89E-04	3.42E-04	1.19E-05	1.65E-07	8.54E-08	3.54E-04	3.01E-04	9.2E-06	1.6E-07	8.8E-08	0.0003
1289	489785.89, 3859226.54	0.14749	0.11054	0.10185	0.08353	0.13609	2.77E-04	9.7E-06	1.7E-07	1.5E-07	2.87E-04	3.40E-04	1.19E-05	1.64E-07	8.51E-08	3.52E-04	2.99E-04	9.1E-06	1.6E-07	8.8E-08	0.0003
1290	489835.89, 3859226.54	0.14652	0.11058	0.10189	0.08319	0.13591	2.75E-04	9.7E-06	1.7E-07	1.5E-07	2.85E-04	3.37E-04	1.19E-05	1.63E-07	8.50E-08	3.50E-04	2.97E-04	9.1E-06	1.6E-07	8.8E-08	0.0003
1291	489885.89, 3859226.54	0.14549	0.11067	0.10197	0.08288	0.13594	2.73E-04	9.7E-06	1.6E-07	1.5E-07	2.83E-04	3.35E-04	1.19E-05	1.62E-07	8.50E-08	3.47E-04	2.95E-04	9.2E-06	1.6E-07	8.8E-08	0.0003
1292	489935.89, 3859226.54	0.14439	0.11094	0.10218	0.08267	0.13612	2.71E-04	9.7E-06	1.6E-07	1.5E-07	2.81E-04	3.33E-04	1.19E-05	1.62E-07	8.51E-08	3.45E-04	2.93E-04	9.2E-06	1.6E-07	8.8E-08	0.0003
1293	489985.89, 3859226.54	0.14311	0.11173	0.10285	0.08276	0.13552	2.69E-04	9.8E-06	1.6E-07	1.5E-07	2.79E-04	3.30E-04	1.20E-05	1.62E-07	8.48E-08	3.42E-04	2.91E-04	9.2E-06	1.6E-07	8.8E-08	0.0003
1294	490035.89, 3859226.54	0.14206	0.11205	0.10306	0.08258	0.13604	2.67E-04	9.8E-06	1.6E-07	1.5E-07	2.77E-04	3.27E-04	1.20E-05	1.62E-07	8.51E-08	3.39E-04	2.88E-04	9.3E-06	1.6E-07	8.8E-08	0.0003
1295	489735.89, 3859276.54	0.13848	0.10713	0.09884	0.08216	0.13124	2.60E-04	9.4E-06	1.6E-07	1.5E-07	2.70E-04	3.19E-04	1.15E-05	1.61E-07	8.21E-08	3.31E-04	2.81E-04	8.9E-06	1.6E-07	8.5E-08	0.0003
1296	489785.89, 3859276.54	0.13788	0.10668	0.09846	0.08158	0.13059	2.59E-04	9.4E-06	1.6E-07	1.5E-07	2.69E-04	3.18E-04	1.15E-05	1.60E-07	8.17E-08	3.29E-04	2.80E-04	8.8E-06	1.6E-07	8.4E-08	0.0003
1297	489835.89, 3859276.54	0.13729	0.10656	0.09838	0.08119	0.13012	2.58E-04	9.3E-06	1.6E-07	1.5E-07	2.68E-04	3.16E-04	1.15E-05	1.59E-07	8.14E-08	3.28E-04	2.79E-04	8.8E-06	1.5E-07	8.4E-08	0.0003
1298	489885.89, 3859276.54	0.13657	0.10642	0.09828	0.08078	0.12988	2.57E-04	9.3E-06	1.6E-07	1.5E-07	2.66E-04	3.14E-04	1.14E-05	1.58E-07	8.12E-08	3.26E-04	2.77E-04	8.8E-06	1.5E-07	8.4E-08	0.0003
1299	489935.89, 3859276.54	0.13588	0.10656	0.09841	0.08053	0.12979	2.55E-04	9.3E-06	1.6E-07	1.5E-07	2.65E-04	3.13E-04	1.15E-05	1.58E-07	8.12E-08	3.25E-04	2.76E-04	8.8E-06	1.5E-07	8.4E-08	0.0003
1300	489985.89, 3859276.54	0.13492	0.10723	0.099	0.08057	0.12892	2.54E-04	9.4E-06	1.6E-07	1.4E-07	2.63E-04	3.11E-04	1.15E-05	1.58E-07	8.06E-08	3.22E-04	2.74E-04	8.9E-06	1.5E-07	8.3E-08	0.0003
1301	490035.89, 3859276.54	0.1341	0.10713	0.09886	0.08017	0.12943	2.52E-04	9.4E-06	1.6E-07	1.4E-07	2.62E-04	3.09E-04	1.15E-05	1.57E-07	8.10E-08	3.21E-04	2.72E-04	8.9E-06	1.5E-07	8.4E-08	0.0003
1302	490458.06, 3859590.74	0.09527	0.08473	0.07923	0.06635	0.10068	1.79E-04	7.4E-06	1.3E-07	1.1E-07	1.87E-04	2.19E-04	9.11E-06	1.30E-07	6.30E-08	2.29E-04	1.93E-04	7E-06	1.3E-07	6.5E-08	0.0002
1303	490508.06, 3859590.74	0.09529	0.08513	0.07957	0.06637	0.10082	1.79E-04	7.5E-06	1.3E-07	1.1E-07	1.87E-04	2.19E-04	9.15E-06	1.30E-07	6.31E-08	2.29E-04	1.93E-04	7E-06	1.3E-07	6.5E-08	0.0002
1304	490558.06, 3859590.74	0.09532	0.08558	0.07995	0.06642	0.10104	1.79E-04	7.5E-06	1.3E-07	1.1E-07	1.87E-04	2.20E-04	9.20E-06	1.30E-07	6.32E-08	2.29E-04	1.94E-04	7.1E-06	1.3E-07	6.5E-08	0.0002
1305	490608.06, 3859590.74	0.09525	0.08614	0.08041	0.06653	0.10087	1.79E-04	7.6E-06	1.3E-07	1.1E-07	1.87E-04	2.19E-04	9.26E-06	1.30E-07	6.31E-08	2.29E-04	1.93E-04	7.1E-06	1.3E-07	6.5E-08	0.0002
1306	490658.06, 3859590.74	0.09513	0.08678	0.08095	0.06669	0.10103	1.79E-04	7.6E-06	1.3E-07	1.1E-07	1.87E-04	2.19E-04	9.33E-06	1.31E-07	6.32E-08	2.29E-04	1.93E-04	7.2E-06	1.3E-07	6.5E-08	0.0002
1307	490708.06, 3859590.74	0.09498	0.08746	0.08152	0.06688	0.10119	1.78E-04	7.7E-06	1.3E-07	1.1E-07	1.86E-04	2.19E-04	9.40E-06	1.31E-07	6.33E-08	2.28E-04	1.93E-04	7.2E-06	1.3E-07	6.5E-08	0.0002
1308	490758.06, 3859590.74	0.09476	0.08821	0.08214	0.06712	0.10129	1.78E-04	7.7E-06	1.3E-07	1.1E-07	1.86E-04	2.18E-04	9.48E-06	1.31E-07	6.34E-08	2.28E-04	1.92E-04	7.3E-06	1.3E-07	6.5E-08	0.0002
1309	490808.06, 3859590.74	0.09452	0.08887	0.08268	0.06732	0.10147	1.78E-04	7.8E-06	1.3E-07	1.1E-07	1.86E-04	2.18E-04	9.55E-06	1.32E-07	6.35E-08	2.27E-04	1.92E-04	7.3E-06	1.3E-07	6.6E-08	0.0002
1310	490858.06, 3859590.74	0.09426	0.08957	0.08325	0.06756	0.10156	1.77E-04	7.9E-06	1.3E-07	1.1E-07	1.85E-04	2.17E-04	9.63E-06	1.32E-07	6.35E-08	2.27E-04	1.91E-04	7.4E-06	1.3E-07	6.6E-08	0.0002
1311	490458.06, 3859640.74	0.09106	0.08163	0.0765	0.06463	0.097	1.71E-04	7.2E-06	1.3E-07	1.1E-07	1.79E-04	2.10E-04	8.78E-06	1.27E-07	6.07E-08	2.19E-04	1.85E-04	6.8E-06	1.2E-07	6.3E-08	0.0002
1312	490508.06, 3859640.74	0.0911	0.08187	0.07671	0.06457	0.09702	1.71E-04	7.2E-06	1.3E-07	1.1E-07	1.79E-04	2.10E-04	8.80E-06	1.26E-07	6.07E-08	2.19E-04	1.85E-04	6.8E-06	1.2E-07	6.3E-08	0.0002
1313	490558.06, 3859640.74	0.09112	0.08218	0.07697	0.06456	0.09712	1.71E-04	7.2E-06	1.3E-07	1.1E-07	1.79E-04	2.10E-04	8.83E-06	1.26E-07	6.07E-08	2.19E-04	1.85E-04	6.8E-06	1.2E-07	6.3E-08	0.0002
1314	490608.06, 3859640.74	0.09128	0.08269	0.07741	0.06466	0.09728	1.72E-04	7.3E-06	1.3E-07	1.1E-07	1.79E-04	2.10E-04	8.89E-06	1.27E-07	6.08E-08	2.19E-04	1.85E-04	6.8E-06	1.2E-07	6.3E-08	0.0002
1315	490658.06, 3859640.74	0.09133	0.08327	0.07792	0.0648	0.09704	1.72E-04	7.3E-06	1.3E-07	1.1E-07	1.79E-04	2.10E-04	8.95E-06	1.27E-07	6.07E-08	2.19E-04	1.85E-04	6.9E-06	1.2E-07	6.3E-08	0.0002
1316	490708.06, 3859640.74	0.09126	0.08384	0.07839	0.06493	0.09718	1.71E-04	7.4E-06	1.3E-07	1.1E-07	1.79E-04	2.10E-04	9.01E-06	1.27E-07	6.08E-08	2.19E-04	1.85E-04	6.9E-06	1.2E-07	6.3E-08	0.0002
1317	490758.06, 3859640.74	0.09114	0.08448	0.07894	0.06511	0.09728	1.71E-04	7.4E-06	1.3E-07	1.1E-07	1.79E-04	2.10E-04	9.08E-06	1.28E-07	6.08E-08	2.19E-04	1.85E-04	7E-06	1.2E-07	6.3E-08	0.0002
1318	490808.06, 3859640.74	0.09098	0.08502	0.07937	0.06523	0.09753	1.71E-04	7.5E-06	1.3E-07	1.1E-07	1.79E-04	2.10E-04	9.14E-06	1.28E-07	6.10E-08	2.19E-04	1.85E-04	7E-06	1.2E-07	6.3E-08	0.0002
1319	490858.06, 3859640.74	0.09081	0.08559	0.07982	0.06538	0.0978	1.71E-04	7.5E-06	1.3E-07	1.1E-07	1.78E-04	2.09E-04	9.20E-06	1.28E-07	6.12E-08	2.19E-04	1.84E-04	7.1E-06	1.2E-07	6.3E-08	0.0002
1320	490608.06, 3859690.74	0.08742	0.07963	0.07473	0.06297	0.09365	1.64E-04	7E-06	1.2E-07	1E-07	1.71E-04	2.01E-04	8.56E-06	1.23E-07	5.86E-08	2.10E-04	1.77E-04	6.6E-06	1.2E-07	6E-08	0.0002
1321	490658.06, 3859690.74	0.08765	0.0801	0.07515	0.06306	0.09344	1.65E-04	7E-06	1.3E-07	1E-07	1.72E-04	2.02E-04	8.61E-06	1.24E-07	5.84E-08	2.11E-04	1.78E-04	6.6E-06	1.2E-07	6E-08	0.0002
1322	490708.06, 3859690.74	0.08769	0.08056	0.07555	0.06315	0.09349	1.65E-04	7.1E-06	1.3E-07	1E-07	1.72E-04	2.02E-04	8.66E-06	1.24E-07	5.85E-08	2.11E-04	1.78E-04	6.7E-06	1.2E-07	6E-08	0.0002
1323	490758.06, 3859690.74	0.08767	0.08111	0.07602	0.06328	0.09355	1.65E-04	7.1E-06	1.3E-07	1E-07	1.72E-04	2.02E-04	8.72E-06	1.24E-07	5.85E-08	2.11E-04	1.78E-04	6.7E-06	1.2E-07	6E-08	0.0002
1324	490808.06, 3859690.74	0.08759	0.0816	0.07643	0.06337	0.09371	1.65E-04	7.2E-06	1.3E-07	1E-07	1.72E-04	2.02E-04	8.77E-06	1.24E-07	5.86E-08	2.11E-04	1.78E-04	6.7E-06	1.2E-07	6.1E-08	0.0002
1325	490858.06, 3859690.74	0.08745	0.08195	0.07668	0.06339	0.0941	1.64E-04	7.2E-06	1.3E-07	1.1E-07	1.72E-04	2.01E-04	8.81E-06	1.24E-07	5.89E-08	2.10E-04	1.78E-04	6.8E-06	1.2E-07	6.1E-08	0.0002
1326	490708.06, 3859740.74	0.08416	0.07755	0.0729	0.06147	0.09047	1.58E-04	6.8E-06	1.2E-07	1E-07	1.65E-04	1.94E-04	8.34E-06	1.20E-07	5.66E-08	2.02E-04	1.71E-04	6.4E-06	1.2E-07	5.8E-08	0.0002
1327	490758.06, 3859740.74	0.0842	0.0778	0.0731	0.06143	0.09031	1.58E-04	6.8E-06	1.2E-07	1E-07	1.65E-04	1.94E-04	8.36E-06	1.20E-07	5.65E-08	2.02E-04	1.71E-04	6.4E-06	1.2E-07	5.8E-08	0.0002
1328	490808.06, 3859740.74	0.08421	0.07818	0.07341	0.06148	0.09045	1.58E-04	6.9E-06	1.2E-07	1E-07	1.65E-04	1.94E-04	8.40E-06	1.20E-07	5.66E-08	2.03E-04	1.71E-04	6.5E-06	1.2E-07	5.8E-08	0.0002
1329	490858.06, 3859740.74	0.08416	0.07854	0.0737	0.0615	0.09068	1.58E-04	6.9E-06	1.2E-07	1E-07	1.65E-04	1.94E-04	8.44E-06	1.20E-07	5.67E-08	2.02E-04	1.71E-04	6.5E-06	1.2E-07	5.9E-08	0.0002
1330	490786.56, 3859749.39	0.08362	0.07746	0.07279	0.06115	0.08984	1.57E-04	6.8E-06	1.2E-07	1E-07	1.64E-04	1.93E-04	8.33E-06	1.20E-07	5.62E-08	2.01E-04	1.70E-04	6.4E-06	1.2E-07	5.8E-08	0.0002
1331	490836.56, 3859749.39	0.08362	0.07784	0.0731	0.06119	0.09	1.57E-04	6.8E-06	1.2E-07	1E-07	1.64E-04	1.93E-04	8.37E-06	1.20E-07	5.63E-08	2.01E-04	1.70E-04	6.4E-06	1.2E-07	5.8E-08	0.0002
1332	490786.56, 3859799.39	0.08019	0.07457	0.07024	0.05951	0.08697	1.51E-04	6.5E-06	1.2E-07	9.7E-08	1.57E-04	1.85E-04	8.02E-06	1.17E-07	5.44E-08	1.93E-04	1.63E-04	6.2E-06	1.1E-07	5.6E-08	0.0002
1333	490836.56, 3859799.39	0.08032	0.07487	0.07049	0.05952	0.08711	1.51E-04	6.6E-06	1.2E-07	9.7E-08	1.58E-04	1.85E-04	8.05E-06	1.17E-07	5.45E-08	1.93E-04	1.63E-04	6.2E-06	1.1E-07	5.6E-08	0.0002
1334	492307.84, 3854508.36	0.12013	0.11284	0.12665	0.13337	0.08217	2.26E-04	9.9E-06	2.6E-07	9.2E-08	2.36E-04	2.77E-04	1.21E-05	2.61E-07	5.14E-08	2.89E-04	2.44E-04	9.3E-06	2.5E-07	5.3E-08	0.0003
1335	486445.7, 3854753.6	0.32927	0.52362	0.26785	0.28076	0.07379	6.19E-04	4.6E-05	5.6E-07	8.2E-08	6.65E-04	7.58E-04	5.63E-05	5.50E-07	4.62E-08	8.15E-04	6.69E-04	4.3E-05	5.3E-07	4.8E-08	0.0007
1336	472599.75, 3877830.11	0.00324	0.00289	0.00293	0.0032	0.00297	6.09E-06	2.5E-07	6.4E-09	3.3E-09	6.35E-06	7.46E-06	3.11E-07	6.27E-09	1.86E-09	7.78E-06	6.58E-06	2.4E-07	6.1E-09	1.9E-09	7E-06
1337	493107.48, 3866840.19	0.01003	0.01039	0.01008	0.00992	0.00839	1.88E-05	9.1E-07	2E-08	9.4E-09	1.98E-05	2.31E-05	1.12E-06	1.94E-08	5.25E-09	2.42E-05	2.04E-05	8.6E-07	1.9E-08	5.4E-09	2E-05
1338	495815.8, 3861662.87	0.03085	0.03304	0.03246	0.0287	0.0381	5.80E-05	2.9E-06	5.7E-08	4.3E-08	6.10E-05	7.10E-05	3.55E-06	5.62E-08	2.38E-08	7.47E-05	6.26E-05	2.7E-06	5.5E-08	2.5E-08	7E-05
1339	480272.33, 3841389.2	0.00106	0.00103	0.00102	0.00108	0.0009	1.99E-06	9E-08	2.1E-09	1E-09	2.09E-06	2.44E-06	1.11E-07	2.12E-09	5.63E-10	2.55E-06	2.15E-06	8.5E-08	2.1E-09	5.8E-10	2E-06
1340	497005.18, 3862813.64	0.02153	0.02296	0.02254	0.01993	0.02585	4.05E-05	2E-06	4E-08	2.9E-08	4.25E-05	4.96E-05	2.47E-06	3.90E-08	1.62E-08	5.21E-05	4.37E-05	1.9E-06	3.8E-08	1.7E-08	5E-05

1341	493677.33, 3860302.55	0.05738	0.06069	0.05882	0.05069	0.0684	1.08E-04	5.3E-06	1E-07	7.6E-08	1.13E-04	1.32E-04	6.52E-06	9.93E-08	4.28E-08	1.39E-04	1.17E-04	5E-06	9.6E-08	4.4E-08	0.0001
1342	493727.33, 3860302.55	0.05726	0.06059	0.05874	0.05064	0.0682	1.08E-04	5.3E-06	1E-07	7.6E-08	1.13E-04	1.32E-04	6.51E-06	9.92E-08	4.27E-08	1.39E-04	1.16E-04	5E-06	9.6E-08	4.4E-08	0.0001
1343	493777.33, 3860302.55	0.05716	0.0605	0.05869	0.0506	0.06798	1.07E-04	5.3E-06	1E-07	7.6E-08	1.13E-04	1.32E-04	6.50E-06	9.91E-08	4.25E-08	1.38E-04	1.16E-04	5E-06	9.6E-08	4.4E-08	0.0001
1344	493827.33, 3860302.55	0.05706	0.06042	0.05863	0.05055	0.06774	1.07E-04	5.3E-06	1E-07	7.6E-08	1.13E-04	1.31E-04	6.50E-06	9.90E-08	4.24E-08	1.38E-04	1.16E-04	5E-06	9.6E-08	4.4E-08	0.0001
1345	493877.33, 3860302.55	0.05691	0.06028	0.05851	0.05045	0.06753	1.07E-04	5.3E-06	1E-07	7.5E-08	1.12E-04	1.31E-04	6.48E-06	9.88E-08	4.22E-08	1.38E-04	1.16E-04	5E-06	9.6E-08	4.4E-08	0.0001
1346	493927.33, 3860302.55	0.05675	0.06011	0.05835	0.05032	0.06733	1.07E-04	5.3E-06	1E-07	7.5E-08	1.12E-04	1.31E-04	6.46E-06	9.86E-08	4.21E-08	1.37E-04	1.15E-04	5E-06	9.6E-08	4.3E-08	0.0001
1347	493977.33, 3860302.55	0.05671	0.06015	0.05841	0.05034	0.06697	1.07E-04	5.3E-06	1E-07	7.5E-08	1.12E-04	1.31E-04	6.47E-06	9.86E-08	4.19E-08	1.37E-04	1.15E-04	5E-06	9.6E-08	4.3E-08	0.0001
1348	494027.33, 3860302.55	0.05659	0.06008	0.05835	0.05028	0.06667	1.06E-04	5.3E-06	1E-07	7.4E-08	1.12E-04	1.30E-04	6.46E-06	9.85E-08	4.17E-08	1.37E-04	1.15E-04	5E-06	9.6E-08	4.3E-08	0.0001
1349	493677.33, 3860352.55	0.05606	0.05936	0.0575	0.04961	0.06713	1.05E-04	5.2E-06	9.8E-08	7.5E-08	1.11E-04	1.29E-04	6.38E-06	9.72E-08	4.20E-08	1.36E-04	1.14E-04	4.9E-06	9.4E-08	4.3E-08	0.0001
1350	493727.33, 3860352.55	0.05593	0.05922	0.0574	0.04955	0.06708	1.05E-04	5.2E-06	9.8E-08	7.5E-08	1.10E-04	1.29E-04	6.37E-06	9.71E-08	4.20E-08	1.35E-04	1.14E-04	4.9E-06	9.4E-08	4.3E-08	0.0001
1351	493777.33, 3860352.55	0.0558	0.05908	0.0573	0.04948	0.06692	1.05E-04	5.2E-06	9.8E-08	7.5E-08	1.10E-04	1.28E-04	6.35E-06	9.69E-08	4.19E-08	1.35E-04	1.13E-04	4.9E-06	9.4E-08	4.3E-08	0.0001
1352	493827.33, 3860352.55	0.0557	0.05898	0.05723	0.04944	0.06673	1.05E-04	5.2E-06	9.8E-08	7.5E-08	1.10E-04	1.28E-04	6.34E-06	9.68E-08	4.17E-08	1.35E-04	1.13E-04	4.9E-06	9.4E-08	4.3E-08	0.0001
1353	493877.33, 3860352.55	0.05564	0.05891	0.05719	0.0494	0.06641	1.05E-04	5.2E-06	9.8E-08	7.4E-08	1.10E-04	1.28E-04	6.33E-06	9.68E-08	4.15E-08	1.35E-04	1.13E-04	4.9E-06	9.4E-08	4.3E-08	0.0001
1354	493927.33, 3860352.55	0.05559	0.0589	0.05721	0.0494	0.06616	1.04E-04	5.2E-06	9.8E-08	7.4E-08	1.10E-04	1.28E-04	6.33E-06	9.68E-08	4.14E-08	1.34E-04	1.13E-04	4.9E-06	9.4E-08	4.3E-08	0.0001
1355	493977.33, 3860352.55	0.05554	0.05891	0.05724	0.04941	0.06587	1.04E-04	5.2E-06	9.8E-08	7.4E-08	1.10E-04	1.28E-04	6.33E-06	9.68E-08	4.12E-08	1.34E-04	1.13E-04	4.9E-06	9.4E-08	4.3E-08	0.0001
1356	494027.33, 3860352.55	0.05541	0.05879	0.05713	0.04932	0.06565	1.04E-04	5.2E-06	9.8E-08	7.3E-08	1.09E-04	1.28E-04	6.32E-06	9.66E-08	4.11E-08	1.34E-04	1.13E-04	4.9E-06	9.4E-08	4.2E-08	0.0001
1357	493677.33, 3860402.55	0.05468	0.05794	0.05609	0.04844	0.06592	1.03E-04	5.1E-06	9.6E-08	7.4E-08	1.08E-04	1.26E-04	6.23E-06	9.49E-08	4.12E-08	1.32E-04	1.11E-04	4.8E-06	9.2E-08	4.3E-08	0.0001
1358	493727.33, 3860402.55	0.05457	0.05781	0.05602	0.04841	0.06579	1.03E-04	5.1E-06	9.6E-08	7.4E-08	1.08E-04	1.26E-04	6.21E-06	9.48E-08	4.11E-08	1.32E-04	1.11E-04	4.8E-06	9.2E-08	4.2E-08	0.0001
1359	493777.33, 3860402.55	0.05459	0.05787	0.05612	0.0485	0.06563	1.03E-04	5.1E-06	9.6E-08	7.3E-08	1.08E-04	1.26E-04	6.22E-06	9.50E-08	4.10E-08	1.32E-04	1.11E-04	4.8E-06	9.2E-08	4.2E-08	0.0001
1360	493827.33, 3860402.55	0.05443	0.05769	0.05597	0.0484	0.06548	1.02E-04	5.1E-06	9.6E-08	7.3E-08	1.08E-04	1.25E-04	6.20E-06	9.48E-08	4.10E-08	1.32E-04	1.11E-04	4.8E-06	9.2E-08	4.2E-08	0.0001
1361	493877.33, 3860402.55	0.05432	0.05757	0.05589	0.04835	0.06532	1.02E-04	5.1E-06	9.6E-08	7.3E-08	1.07E-04	1.25E-04	6.19E-06	9.47E-08	4.09E-08	1.31E-04	1.10E-04	4.8E-06	9.2E-08	4.2E-08	0.0001
1362	493927.33, 3860402.55	0.05433	0.0576	0.05595	0.04839	0.06513	1.02E-04	5.1E-06	9.6E-08	7.3E-08	1.07E-04	1.25E-04	6.19E-06	9.48E-08	4.07E-08	1.31E-04	1.10E-04	4.8E-06	9.2E-08	4.2E-08	0.0001
1363	493977.33, 3860402.55	0.05437	0.05768	0.05606	0.04846	0.06476	1.02E-04	5.1E-06	9.6E-08	7.2E-08	1.07E-04	1.25E-04	6.20E-06	9.49E-08	4.05E-08	1.32E-04	1.10E-04	4.8E-06	9.2E-08	4.2E-08	0.0001
1364	494027.33, 3860402.55	0.05423	0.05753	0.05593	0.04836	0.06458	1.02E-04	5E-06	9.6E-08	7.2E-08	1.07E-04	1.25E-04	6.18E-06	9.47E-08	4.04E-08	1.31E-04	1.10E-04	4.8E-06	9.2E-08	4.2E-08	0.0001
1365	493677.33, 3860452.55	0.05343	0.05666	0.05481	0.04735	0.06459	1.00E-04	5E-06	9.4E-08	7.2E-08	1.06E-04	1.23E-04	6.09E-06	9.28E-08	4.04E-08	1.29E-04	1.08E-04	4.7E-06	9E-08	4.2E-08	0.0001
1366	493727.33, 3860452.55	0.05326	0.05643	0.05463	0.04725	0.06449	1.00E-04	5E-06	9.4E-08	7.2E-08	1.05E-04	1.23E-04	6.07E-06	9.26E-08	4.03E-08	1.29E-04	1.08E-04	4.7E-06	9E-08	4.2E-08	0.0001
1367	493777.33, 3860452.55	0.05318	0.05634	0.0546	0.04725	0.06436	9.99E-05	4.9E-06	9.4E-08	7.2E-08	1.05E-04	1.22E-04	6.06E-06	9.26E-08	4.03E-08	1.29E-04	1.08E-04	4.7E-06	9E-08	4.2E-08	0.0001
1368	493827.33, 3860452.55	0.05318	0.05637	0.05467	0.04732	0.06423	9.99E-05	4.9E-06	9.4E-08	7.2E-08	1.05E-04	1.22E-04	6.06E-06	9.27E-08	4.02E-08	1.29E-04	1.08E-04	4.7E-06	9E-08	4.1E-08	0.0001
1369	493877.33, 3860452.55	0.05314	0.05635	0.05469	0.04735	0.06408	9.99E-05	4.9E-06	9.4E-08	7.2E-08	1.05E-04	1.22E-04	6.06E-06	9.28E-08	4.01E-08	1.29E-04	1.08E-04	4.7E-06	9E-08	4.1E-08	0.0001
1370	493927.33, 3860452.55	0.05319	0.05646	0.05484	0.04747	0.06391	1.00E-04	5E-06	9.4E-08	7.1E-08	1.05E-04	1.22E-04	6.07E-06	9.30E-08	4.00E-08	1.29E-04	1.08E-04	4.7E-06	9E-08	4.1E-08	0.0001
1371	493977.33, 3860452.55	0.0531	0.05636	0.05478	0.04743	0.06375	9.98E-05	4.9E-06	9.4E-08	7.1E-08	1.05E-04	1.22E-04	6.06E-06	9.29E-08	3.99E-08	1.28E-04	1.08E-04	4.7E-06	9E-08	4.1E-08	0.0001
1372	494027.33, 3860452.55	0.053	0.05625	0.0547	0.04737	0.06359	9.96E-05	4.9E-06	9.4E-08	7.1E-08	1.05E-04	1.22E-04	6.05E-06	9.28E-08	3.98E-08	1.28E-04	1.08E-04	4.7E-06	9E-08	4.1E-08	0.0001
1373	493677.33, 3860502.55	0.05216	0.05536	0.05349	0.04621	0.06324	9.80E-05	4.9E-06	9.2E-08	7.1E-08	1.03E-04	1.20E-04	5.95E-06	9.05E-08	3.96E-08	1.26E-04	1.06E-04	4.6E-06	8.8E-08	4.1E-08	0.0001
1374	493727.33, 3860502.55	0.05204	0.05519	0.05339	0.04618	0.06315	9.78E-05	4.8E-06	9.2E-08	7.1E-08	1.03E-04	1.20E-04	5.93E-06	9.05E-08	3.95E-08	1.26E-04	1.06E-04	4.6E-06	8.8E-08	4.1E-08	0.0001
1375	493777.33, 3860502.55	0.05198	0.05512	0.05337	0.0462	0.06306	9.77E-05	4.8E-06	9.2E-08	7E-08	1.03E-04	1.20E-04	5.93E-06	9.05E-08	3.94E-08	1.26E-04	1.06E-04	4.6E-06	8.8E-08	4.1E-08	0.0001
1376	493827.33, 3860502.55	0.05192	0.05505	0.05336	0.04622	0.06296	9.76E-05	4.8E-06	9.2E-08	7E-08	1.03E-04	1.20E-04	5.92E-06	9.05E-08	3.94E-08	1.26E-04	1.05E-04	4.6E-06	8.8E-08	4.1E-08	0.0001
1377	493877.33, 3860502.55	0.05193	0.05509	0.05344	0.0463	0.06285	9.76E-05	4.8E-06	9.2E-08	7E-08	1.03E-04	1.20E-04	5.92E-06	9.07E-08	3.93E-08	1.26E-04	1.05E-04	4.6E-06	8.8E-08	4.1E-08	0.0001
1378	493927.33, 3860502.55	0.05196	0.05516	0.05356	0.04641	0.06272	9.76E-05	4.8E-06	9.2E-08	7E-08	1.03E-04	1.20E-04	5.93E-06	9.09E-08	3.92E-08	1.26E-04	1.05E-04	4.6E-06	8.8E-08	4.1E-08	0.0001
1379	493977.33, 3860502.55	0.05187	0.05505	0.05349	0.04637	0.06258	9.75E-05	4.8E-06	9.2E-08	7E-08	1.02E-04	1.19E-04	5.92E-06	9.08E-08	3.91E-08	1.25E-04	1.05E-04	4.6E-06	8.8E-08	4E-08	0.0001
1380	494027.33, 3860502.55	0.0518	0.05498	0.05346	0.04636	0.06244	9.73E-05	4.8E-06	9.2E-08	7E-08	1.02E-04	1.19E-04	5.91E-06	9.08E-08	3.91E-08	1.25E-04	1.05E-04	4.5E-06	8.8E-08	4E-08	0.0001
1381	493627.33, 3860552.55	0.05095	0.0541	0.05215	0.045	0.06191	9.57E-05	4.7E-06	8.9E-08	6.9E-08	1.01E-04	1.17E-04	5.82E-06	8.82E-08	3.87E-08	1.23E-04	1.03E-04	4.5E-06	8.6E-08	4E-08	0.0001
1382	493677.33, 3860552.55	0.05084	0.05396	0.05208	0.045	0.06185	9.55E-05	4.7E-06	8.9E-08	6.9E-08	1.00E-04	1.17E-04	5.80E-06	8.82E-08	3.87E-08	1.23E-04	1.03E-04	4.5E-06	8.6E-08	4E-08	0.0001
1383	493727.33, 3860552.55	0.05075	0.05384	0.05202	0.045	0.06178	9.54E-05	4.7E-06	8.9E-08	6.9E-08	1.00E-04	1.17E-04	5.79E-06	8.82E-08	3.86E-08	1.23E-04	1.03E-04	4.5E-06	8.6E-08	4E-08	0.0001
1384	493777.33, 3860552.55	0.05073	0.05383	0.05207	0.04508	0.06173	9.53E-05	4.7E-06	8.9E-08	6.9E-08	1.00E-04	1.17E-04	5.79E-06	8.83E-08	3.86E-08	1.23E-04	1.03E-04	4.5E-06	8.6E-08	4E-08	0.0001
1385	493827.33, 3860552.55	0.05077	0.05388	0.05218	0.0452	0.06167	9.54E-05	4.7E-06	9E-08	6.9E-08	1.00E-04	1.17E-04	5.79E-06	8.85E-08	3.86E-08	1.23E-04	1.03E-04	4.5E-06	8.6E-08	4E-08	0.0001
1386	493877.33, 3860552.55	0.05069	0.05378	0.05213	0.0452	0.06158	9.53E-05	4.7E-06	9E-08	6.9E-08	1.00E-04	1.17E-04	5.78E-06	8.85E-08	3.85E-08	1.23E-04	1.03E-04	4.4E-06	8.6E-08	4E-08	0.0001
1387	493927.33, 3860552.55	0.0507	0.05381	0.05221	0.04528	0.06149	9.53E-05	4.7E-06	9E-08	6.9E-08	1.00E-04	1.17E-04	5.78E-06	8.87E-08	3.85E-08	1.23E-04	1.03E-04	4.5E-06	8.6E-08	4E-08	0.0001
1388	493977.33, 3860552.55	0.05072	0.05386	0.0523	0.04537	0.06139	9.53E-05	4.7E-06	9E-08	6.9E-08	1.00E-04	1.17E-04	5.79E-06	8.89E-08	3.84E-08	1.23E-04	1.03E-04	4.5E-06	8.6E-08	4E-08	0.0001
1389	494027.33, 3860552.55	0.05063	0.05376	0.05224	0.04534	0.06127	9.51E-05	4.7E-06	9E-08	6.8E-08	1.00E-04	1.17E-04	5.78E-06	8.88E-08	3.83E-08	1.22E-04	1.03E-04	4.4E-06	8.6E-08	4E-08	0.0001
1390	493627.33, 3860602.55	0.0497	0.05279	0.05082	0.04383	0.06049	9.34E-05	4.6E-06	8.7E-08	6.8E-08	9.82E-05	1.14E-04	5.68E-06	8.59E-08	3.78E-08	1.20E-04	1.01E-04	4.4E-06	8.3E-08	3.9E-08	0.0001
1391	493727.33, 3860602.55	0.04944	0.05246	0.05063	0.0438	0.06038	9.29E-05	4.6E-06	8.7E-08	6.7E-08	9.77E-05	1.14E-04	5.64E-06	8.58E-08	3.78E-08	1.20E-04	1.00E-04	4.3E-06	8.3E-08	3.9E-08	0.0001
1392	493777.33, 3860602.55	0.04953	0.05259	0.05081	0.04398	0.06039	9.31E-05	4.6E-06	8.7E-08	6.7E-08	9.78E-05	1.14E-04	5.65E-06	8.62E-08	3.78E-08	1.20E-04	1.01E-04	4.3E-06	8.4E-08	3.9E-08	0.0001
1393	493827.33, 3860602.55	0.04951	0.05256	0.05085	0.04405	0.06034	9.30E-05	4.6E-06	8.7E-08	6.7E-08	9.78E-05	1.14E-04	5.65E-06	8.63E-08	3.77E-08	1.20E-04	1.01E-04	4.3E-06	8.4E-08	3.9E-08	0.0001
1394	493877.33, 3860602.55	0.04956	0.05264	0.05098	0.04419	0.06031	9.31E-05	4.6E-06	8.8E-08	6.7E-08	9.79E-05	1.14E-04	5.66E-06	8.66E-08	3.77E-08	1.20E-04	1.01E-04	4.4E-06	8.4E-08	3.9E-08	0.0001
1395	493927.33, 3860602.55	0.04956	0.05264	0.05103	0.04426	0.06025	9.31E-05	4.6E-06	8.8E-08	6.7E-08	9.79E-05	1.14E-04	5.66E-06	8.67E-08	3.77E-08	1.20E-04	1.01E-04	4.4E-06	8.4E-08	3.9E-08	0.0001
1396	493977.33, 3860602.55	0.04956	0.05266	0.0511	0.04434	0.06018	9.31E-05	4.6E-06	8.8E-08	6.7E-08	9.79E-05	1.14E-04	5.66E-06	8.69E-08	3.76E-08	1.20E-04	1.01E-04	4.4E-06	8.4E-08	3.9E-08	0.0001
1397	494027.33, 3860602.55	0.04947	0.05253	0.05102	0.04431	0.06007	9.30E-05	4.6E-06	8.8E-08	6.7E-08	9.77E-05	1.14E-04	5.65E-06	8.68E-08	3.76E-08	1.20E-04	1.00E-04	4.3E-06	8.4E-08	3.9E-08	0.0001
1398	493627.33, 3860652.55	0.04844	0.05143	0.04946	0.04264	0.05904	9.10E-05	4.5E-06	8.5E-08	6.6E-08	9.57E-05	1.12E-04	5.53E-06	8.35E-08	3.69E-08	1.17E-04	9.84E-05	4.3E-06	8.1E-08	3.8E-08	0.0001
1399	493727.33, 3860652.55	0.04823	0.05118	0.04934	0.04266	0.05898	9.06E-05	4.5E-06	8.5E-08	6.6E-08	9.53E-05	1.11E-04	5.50E-06	8.36E-08	3.69E-08	1.17E-04	9.79E-05	4.2E-06	8.1E-08	3.8E-08	0.0001
1400	493777.33, 3860652.55	0.04829	0.05127	0.04949	0.04282	0.05901	9.07E-05	4.5E-06	8.5E-08	6.6E-08	9.54E-05	1.11E-04	5.51E-06	8.39E-08	3.69E-08	1.17E-04	9.80E-05	4.2E-06	8.1E-08	3.8E-08	0.0001
1401	493827.33, 3860652.55	0.04834	0.05135	0.04962	0.04297	0.05902	9.08E-05	4.5E-06	8.5E-08	6.6E-08	9.55E-05	1.11E-04	5.52E-06	8.42E-08	3.69E-08	1.17E-04	9.81E-05	4.2E-06	8.2E-08	3.8E-08	0.0001
1402	493877.33, 3860652.55	0.04841	0.05146	0.04977	0.04314	0.05902	9.10E-05	4.5E-06	8.6E-08	6.6E-08	9.56E-05	1.11E-04	5.53E-06	8.45E-08	3.69E-08	1.17E-04	9.83E-05	4.3E-06	8.2E-08	3.8E-08	0.0001
1403	493927.33, 3860652.55	0.04841	0.05145	0.04983	0.04322	0.05898	9.10E-05	4.5E-06	8.6E-08	6.6E-08	9.56E-05	1.11E-04	5.53E-06	8.47E-08	3.69E-08	1.17E-04	9.83E-05	4.3E-06	8.2E-08	3.8E-08	0.0001
1404	493977.33, 3860652.55	0.04839	0.05143	0.04986	0.04328	0.05893	9.09E-05	4.5E-06	8.6E-08	6.6E-08	9.56E-05	1.11E-04	5.53E-06	8.48E-08	3.69E-08	1.17E-04	9.83E-05	4.3E-06	8.2E-08	3.8E-08	0.0001

1405	494027.33, 3860652.55	0.04842	0.05148	0.04996	0.04339	0.05888	9.10E-05	4.5E-06	8.6E-08	6.6E-08	9.57E-05	1.12E-04	5.53E-06	8.50E-08	3.68E-08	1.17E-04	9.83E-05	4.3E-06	8.3E-08	3.8E-08	0.0001
1406	494311.06, 3858401.99	0.06481	0.07223	0.07115	0.06323	0.06195	1.22E-04	6.3E-06	1.3E-07	6.9E-08	1.28E-04	1.49E-04	7.76E-06	1.24E-07	3.87E-08	1.57E-04	1.32E-04	6E-06	1.2E-07	4E-08	0.0001
1407	494361.06, 3858401.99	0.06363	0.0708	0.0698	0.06211	0.0609	1.20E-04	6.2E-06	1.2E-07	6.8E-08	1.26E-04	1.47E-04	7.61E-06	1.22E-07	3.81E-08	1.54E-04	1.29E-04	5.9E-06	1.2E-07	3.9E-08	0.0001
1408	494411.06, 3858401.99	0.06285	0.06983	0.06891	0.06139	0.06019	1.18E-04	6.1E-06	1.2E-07	6.7E-08	1.24E-04	1.45E-04	7.51E-06	1.20E-07	3.76E-08	1.52E-04	1.28E-04	5.8E-06	1.2E-07	3.9E-08	0.0001
1409	494461.06, 3858401.99	0.06248	0.06934	0.06851	0.06109	0.05981	1.17E-04	6.1E-06	1.2E-07	6.7E-08	1.24E-04	1.44E-04	7.45E-06	1.20E-07	3.74E-08	1.51E-04	1.27E-04	5.7E-06	1.2E-07	3.9E-08	0.0001
1410	494511.06, 3858401.99	0.06163	0.0683	0.06754	0.0603	0.05904	1.16E-04	6E-06	1.2E-07	6.6E-08	1.22E-04	1.42E-04	7.34E-06	1.18E-07	3.69E-08	1.49E-04	1.25E-04	5.6E-06	1.1E-07	3.8E-08	0.0001
1411	494561.06, 3858401.99	0.06123	0.06777	0.0671	0.05997	0.05864	1.15E-04	5.9E-06	1.2E-07	6.6E-08	1.21E-04	1.41E-04	7.29E-06	1.17E-07	3.67E-08	1.48E-04	1.24E-04	5.6E-06	1.1E-07	3.8E-08	0.0001
1412	494611.06, 3858401.99	0.06037	0.06673	0.06613	0.05916	0.05787	1.13E-04	5.9E-06	1.2E-07	6.5E-08	1.19E-04	1.39E-04	7.17E-06	1.16E-07	3.62E-08	1.46E-04	1.23E-04	5.5E-06	1.1E-07	3.7E-08	0.0001
1413	494661.06, 3858401.99	0.05965	0.06579	0.06532	0.05849	0.05722	1.12E-04	5.8E-06	1.2E-07	6.4E-08	1.18E-04	1.37E-04	7.07E-06	1.15E-07	3.58E-08	1.45E-04	1.21E-04	5.4E-06	1.1E-07	3.7E-08	0.0001
1414	494711.06, 3858401.99	0.05856	0.06449	0.06408	0.05744	0.05626	1.10E-04	5.7E-06	1.1E-07	6.3E-08	1.16E-04	1.35E-04	6.93E-06	1.13E-07	3.52E-08	1.42E-04	1.19E-04	5.3E-06	1.1E-07	3.6E-08	0.0001
1415	494761.06, 3858401.99	0.058	0.06379	0.06346	0.05693	0.05573	1.09E-04	5.6E-06	1.1E-07	6.2E-08	1.15E-04	1.34E-04	6.86E-06	1.12E-07	3.49E-08	1.41E-04	1.18E-04	5.3E-06	1.1E-07	3.6E-08	0.0001
1416	494811.06, 3858401.99	0.05717	0.06279	0.06252	0.05615	0.055	1.07E-04	5.5E-06	1.1E-07	6.1E-08	1.13E-04	1.32E-04	6.75E-06	1.10E-07	3.44E-08	1.39E-04	1.16E-04	5.2E-06	1.1E-07	3.6E-08	0.0001
1417	494861.06, 3858401.99	0.05644	0.0619	0.06164	0.05546	0.05434	1.06E-04	5.4E-06	1.1E-07	6.1E-08	1.12E-04	1.30E-04	6.65E-06	1.09E-07	3.40E-08	1.37E-04	1.15E-04	5.1E-06	1.1E-07	3.5E-08	0.0001
1418	494911.06, 3858401.99	0.05573	0.06102	0.06084	0.05479	0.0537	1.05E-04	5.4E-06	1.1E-07	6E-08	1.10E-04	1.28E-04	6.56E-06	1.07E-07	3.36E-08	1.35E-04	1.13E-04	5E-06	1E-07	3.5E-08	0.0001
1419	494961.06, 3858401.99	0.05497	0.06011	0.05999	0.05407	0.05302	1.03E-04	5.3E-06	1.1E-07	5.9E-08	1.09E-04	1.27E-04	6.46E-06	1.06E-07	3.32E-08	1.33E-04	1.12E-04	5E-06	1E-07	3.4E-08	0.0001
1420	495011.06, 3858401.99	0.054	0.05895	0.0589	0.05313	0.05218	1.01E-04	5.2E-06	1.1E-07	5.8E-08	1.07E-04	1.24E-04	6.34E-06	1.04E-07	3.26E-08	1.31E-04	1.10E-04	4.9E-06	1E-07	3.4E-08	0.0001
1421	495061.06, 3858401.99	0.05326	0.05805	0.05806	0.05242	0.05149	1.00E-04	5.1E-06	1E-07	5.8E-08	1.05E-04	1.23E-04	6.24E-06	1.03E-07	3.22E-08	1.29E-04	1.08E-04	4.8E-06	1E-07	3.3E-08	0.0001
1422	495111.06, 3858401.99	0.05185	0.0564	0.05646	0.05102	0.05026	9.74E-05	4.9E-06	1E-07	5.6E-08	1.03E-04	1.19E-04	6.06E-06	9.99E-08	3.14E-08	1.26E-04	1.05E-04	4.7E-06	9.7E-08	3.2E-08	0.0001
1423	495161.06, 3858401.99	0.0516	0.05607	0.0562	0.05082	0.05	9.70E-05	4.9E-06	1E-07	5.6E-08	1.02E-04	1.19E-04	6.03E-06	9.96E-08	3.13E-08	1.25E-04	1.05E-04	4.6E-06	9.7E-08	3.2E-08	0.0001
1424	495211.06, 3858401.99	0.05039	0.05465	0.05484	0.04963	0.04895	9.47E-05	4.8E-06	9.9E-08	5.5E-08	9.96E-05	1.16E-04	5.87E-06	9.72E-08	3.06E-08	1.22E-04	1.02E-04	4.5E-06	9.4E-08	3.2E-08	0.0001
1425	495261.06, 3858401.99	0.04974	0.05387	0.05411	0.04901	0.04837	9.35E-05	4.7E-06	9.7E-08	5.4E-08	9.83E-05	1.15E-04	5.79E-06	9.60E-08	3.03E-08	1.20E-04	1.01E-04	4.5E-06	9.3E-08	3.1E-08	0.0001
1426	495311.06, 3858401.99	0.04906	0.05305	0.05335	0.04836	0.04775	9.22E-05	4.7E-06	9.6E-08	5.3E-08	9.70E-05	1.13E-04	5.70E-06	9.47E-08	2.99E-08	1.19E-04	9.96E-05	4.4E-06	9.2E-08	3.1E-08	0.0001
1427	495361.06, 3858401.99	0.04859	0.05248	0.05283	0.04792	0.04733	9.13E-05	4.6E-06	9.5E-08	5.3E-08	9.61E-05	1.12E-04	5.64E-06	9.39E-08	2.96E-08	1.18E-04	9.87E-05	4.3E-06	9.1E-08	3.1E-08	0.0001
1428	495411.06, 3858401.99	0.04834	0.05214	0.05256	0.04771	0.04707	9.08E-05	4.6E-06	9.5E-08	5.3E-08	9.56E-05	1.11E-04	5.61E-06	9.35E-08	2.94E-08	1.17E-04	9.81E-05	4.3E-06	9.1E-08	3E-08	0.0001
1429	495461.06, 3858401.99	0.04817	0.0519	0.05239	0.04759	0.04688	9.05E-05	4.6E-06	9.4E-08	5.2E-08	9.52E-05	1.11E-04	5.58E-06	9.32E-08	2.93E-08	1.17E-04	9.78E-05	4.3E-06	9.1E-08	3E-08	0.0001
1430	495511.06, 3858401.99	0.04793	0.05158	0.05213	0.04738	0.04664	9.01E-05	4.5E-06	9.4E-08	5.2E-08	9.47E-05	1.10E-04	5.54E-06	9.28E-08	2.92E-08	1.16E-04	9.73E-05	4.3E-06	9E-08	3E-08	0.0001
1431	495561.06, 3858401.99	0.04731	0.05086	0.05147	0.04698	0.04616	8.89E-05	4.5E-06	9.3E-08	5.2E-08	9.35E-05	1.09E-04	5.47E-06	9.20E-08	2.89E-08	1.15E-04	9.61E-05	4.2E-06	8.9E-08	3E-08	0.0001
1432	495611.06, 3858401.99	0.04708	0.05056	0.05124	0.04683	0.04596	8.85E-05	4.4E-06	9.3E-08	5.1E-08	9.31E-05	1.08E-04	5.44E-06	9.17E-08	2.87E-08	1.14E-04	9.56E-05	4.2E-06	8.9E-08	3E-08	1E-04
1433	495661.06, 3858401.99	0.04739	0.05083	0.05157	0.04696	0.04605	8.91E-05	4.5E-06	9.3E-08	5.1E-08	9.37E-05	1.09E-04	5.46E-06	9.20E-08	2.88E-08	1.15E-04	9.62E-05	4.2E-06	8.9E-08	3E-08	0.0001
1434	494311.06, 3858451.99	0.0661	0.07399	0.07267	0.0644	0.06283	1.24E-04	6.5E-06	1.3E-07	7E-08	1.31E-04	1.52E-04	7.95E-06	1.26E-07	3.93E-08	1.60E-04	1.34E-04	6.1E-06	1.2E-07	4.1E-08	0.0001
1435	494361.06, 3858451.99	0.06515	0.07283	0.07159	0.06352	0.06197	1.22E-04	6.4E-06	1.3E-07	6.9E-08	1.29E-04	1.50E-04	7.83E-06	1.24E-07	3.88E-08	1.58E-04	1.32E-04	6E-06	1.2E-07	4E-08	0.0001
1436	494411.06, 3858451.99	0.06435	0.07184	0.07068	0.06279	0.06125	1.21E-04	6.3E-06	1.2E-07	6.8E-08	1.27E-04	1.48E-04	7.72E-06	1.23E-07	3.83E-08	1.56E-04	1.31E-04	5.9E-06	1.2E-07	4E-08	0.0001
1437	494461.06, 3858451.99	0.06365	0.07097	0.06989	0.06217	0.0606	1.20E-04	6.2E-06	1.2E-07	6.8E-08	1.26E-04	1.47E-04	7.63E-06	1.22E-07	3.79E-08	1.54E-04	1.29E-04	5.9E-06	1.2E-07	3.9E-08	0.0001
1438	494511.06, 3858451.99	0.06323	0.07043	0.06942	0.06182	0.0602	1.19E-04	6.2E-06	1.2E-07	6.7E-08	1.25E-04	1.46E-04	7.57E-06	1.21E-07	3.77E-08	1.53E-04	1.28E-04	5.8E-06	1.2E-07	3.9E-08	0.0001
1439	494561.06, 3858451.99	0.06234	0.06934	0.0684	0.06098	0.05937	1.17E-04	6.1E-06	1.2E-07	6.6E-08	1.23E-04	1.44E-04	7.45E-06	1.19E-07	3.71E-08	1.51E-04	1.27E-04	5.7E-06	1.2E-07	3.8E-08	0.0001
1440	494611.06, 3858451.99	0.06167	0.0685	0.06765	0.06037	0.05876	1.16E-04	6E-06	1.2E-07	6.6E-08	1.22E-04	1.42E-04	7.36E-06	1.18E-07	3.68E-08	1.50E-04	1.25E-04	5.7E-06	1.1E-07	3.8E-08	0.0001
1441	494661.06, 3858451.99	0.06095	0.06761	0.06683	0.05971	0.0581	1.15E-04	5.9E-06	1.2E-07	6.5E-08	1.21E-04	1.40E-04	7.27E-06	1.17E-07	3.63E-08	1.48E-04	1.24E-04	5.6E-06	1.1E-07	3.8E-08	0.0001
1442	494711.06, 3858451.99	0.06001	0.06647	0.06576	0.05882	0.05727	1.13E-04	5.8E-06	1.2E-07	6.4E-08	1.19E-04	1.38E-04	7.15E-06	1.15E-07	3.58E-08	1.45E-04	1.22E-04	5.5E-06	1.1E-07	3.7E-08	0.0001
1443	494761.06, 3858451.99	0.05906	0.06533	0.06469	0.05792	0.05642	1.11E-04	5.7E-06	1.1E-07	6.3E-08	1.17E-04	1.36E-04	7.02E-06	1.13E-07	3.53E-08	1.43E-04	1.20E-04	5.4E-06	1.1E-07	3.6E-08	0.0001
1444	494811.06, 3858451.99	0.05831	0.06441	0.06384	0.05722	0.05575	1.10E-04	5.7E-06	1.1E-07	6.2E-08	1.15E-04	1.34E-04	6.92E-06	1.12E-07	3.49E-08	1.41E-04	1.18E-04	5.3E-06	1.1E-07	3.6E-08	0.0001
1445	494861.06, 3858451.99	0.05746	0.06333	0.06288	0.05642	0.055	1.08E-04	5.6E-06	1.1E-07	6.1E-08	1.14E-04	1.32E-04	6.81E-06	1.11E-07	3.44E-08	1.39E-04	1.17E-04	5.2E-06	1.1E-07	3.6E-08	0.0001
1446	494911.06, 3858451.99	0.05646	0.06214	0.06178	0.05548	0.05401	1.06E-04	5.5E-06	1.1E-07	6E-08	1.12E-04	1.30E-04	6.68E-06	1.09E-07	3.38E-08	1.37E-04	1.15E-04	5.1E-06	1.1E-07	3.5E-08	0.0001
1447	494961.06, 3858451.99	0.05553	0.06101	0.06069	0.05455	0.05329	1.04E-04	5.4E-06	1.1E-07	6E-08	1.10E-04	1.28E-04	6.56E-06	1.07E-07	3.33E-08	1.35E-04	1.13E-04	5E-06	1E-07	3.4E-08	0.0001
1448	495011.06, 3858451.99	0.0545	0.05978	0.05947	0.05356	0.0524	1.02E-04	5.2E-06	1.1E-07	5.9E-08	1.08E-04	1.26E-04	6.43E-06	1.05E-07	3.28E-08	1.32E-04	1.11E-04	4.9E-06	1E-07	3.4E-08	0.0001
1449	495061.06, 3858451.99	0.05403	0.05919	0.05894	0.05314	0.05196	1.02E-04	5.2E-06	1.1E-07	5.8E-08	1.07E-04	1.24E-04	6.36E-06	1.04E-07	3.25E-08	1.31E-04	1.10E-04	4.9E-06	1E-07	3.4E-08	0.0001
1450	495111.06, 3858451.99	0.05304	0.05801	0.05783	0.05217	0.0511	9.97E-05	5.1E-06	1E-07	5.7E-08	1.05E-04	1.22E-04	6.24E-06	1.02E-07	3.20E-08	1.29E-04	1.08E-04	4.8E-06	9.9E-08	3.3E-08	0.0001
1451	495161.06, 3858451.99	0.05193	0.0567	0.05657	0.05108	0.05013	9.76E-05	5E-06	1E-07	5.6E-08	1.03E-04	1.20E-04	6.10E-06	1.00E-07	3.14E-08	1.26E-04	1.05E-04	4.7E-06	9.7E-08	3.2E-08	0.0001
1452	495211.06, 3858451.99	0.05094	0.05553	0.05545	0.05012	0.04924	9.57E-05	4.9E-06	9.9E-08	5.5E-08	1.01E-04	1.17E-04	5.97E-06	9.82E-08	3.08E-08	1.23E-04	1.03E-04	4.6E-06	9.5E-08	3.2E-08	0.0001
1453	495261.06, 3858451.99	0.0503	0.05475	0.05474	0.04952	0.04867	9.45E-05	4.8E-06	9.8E-08	5.4E-08	9.95E-05	1.16E-04	5.89E-06	9.70E-08	3.04E-08	1.22E-04	1.02E-04	4.5E-06	9.4E-08	3.1E-08	0.0001
1454	495311.06, 3858451.99	0.04978	0.05411	0.05417	0.04903	0.04818	9.35E-05	4.7E-06	9.7E-08	5.4E-08	9.84E-05	1.15E-04	5.82E-06	9.60E-08	3.01E-08	1.21E-04	1.01E-04	4.5E-06	9.3E-08	3.1E-08	0.0001
1455	495361.06, 3858451.99	0.04935	0.05357	0.05369	0.04864	0.04778	9.27E-05	4.7E-06	9.7E-08	5.3E-08	9.76E-05	1.14E-04	5.76E-06	9.53E-08	2.99E-08	1.20E-04	1.00E-04	4.4E-06	9.3E-08	3.1E-08	0.0001
1456	495411.06, 3858451.99	0.04915	0.05329	0.05349	0.04849	0.04757	9.24E-05	4.7E-06	9.6E-08	5.3E-08	9.72E-05	1.13E-04	5.73E-06	9.50E-08	2.98E-08	1.19E-04	9.98E-05	4.4E-06	9.2E-08	3.1E-08	0.0001
1457	495461.06, 3858451.99	0.04901	0.05308	0.05334	0.04839	0.0474	9.21E-05	4.7E-06	9.6E-08	5.3E-08	9.69E-05	1.13E-04	5.71E-06	9.48E-08	2.96E-08	1.19E-04	9.95E-05	4.4E-06	9.2E-08	3.1E-08	0.0001
1458	495511.06, 3858451.99	0.04849	0.05245	0.05277	0.04791	0.04694	9.11E-05	4.6E-06	9.5E-08	5.2E-08	9.59E-05	1.12E-04	5.64E-06	9.39E-08	2.94E-08	1.17E-04	9.85E-05	4.3E-06	9.1E-08	3E-08	0.0001
1459	495561.06, 3858451.99	0.04856	0.05247	0.05287	0.04802	0.04695	9.13E-05	4.6E-06	9.5E-08	5.2E-08	9.60E-05	1.12E-04	5.64E-06	9.41E-08	2.94E-08	1.18E-04	9.86E-05	4.3E-06	9.1E-08	3E-08	0.0001
1460	495611.06, 3858451.99	0.04793	0.05171	0.05216	0.04742	0.04639	9.01E-05	4.5E-06	9.4E-08	5.2E-08	9.48E-05	1.10E-04	5.56E-06	9.29E-08	2.90E-08	1.16E-04	9.73E-05	4.3E-06	9E-08	3E-08	0.0001
1461	495661.06, 3858451.99	0.04786	0.05158	0.0521	0.04739	0.04629	8.99E-05	4.5E-06	9.4E-08	5.2E-08	9.46E-05	1.10E-04	5.54E-06	9.28E-08	2.90E-08	1.16E-04	9.72E-05	4.3E-06	9E-08	3E-08	0.0001
1462	494311.06, 3858501.99	0.06621	0.07434	0.07281	0.06436	0.06271	1.24E-04	6.5E-06	1.3E-07	7E-08	1.31E-04	1.52E-04	7.99E-06	1.26E-07	3.92E-08	1.61E-04	1.34E-04	6.1E-06	1.2E-07	4.1E-08	0.0001
1463	494361.06, 3858501.99	0.06559	0.07356	0.07212	0.06382	0.06214	1.23E-04	6.5E-06	1.3E-07	6.9E-08	1.30E-04	1.51E-04	7.91E-06	1.25E-07	3.89E-08	1.59E-04	1.33E-04	6.1E-06	1.2E-07	4E-08	0.0001
1464	494411.06, 3858501.99	0.06487	0.07268	0.0713	0.06318	0.06148	1.22E-04	6.4E-06	1.3E-07	6.9E-08	1.28E-04	1.49E-04	7.81E-06	1.24E-07	3.85E-08	1.57E-04	1.32E-04	6E-06	1.2E-07	4E-08	0.0001
1465	494461.06, 3858501.99	0.06442	0.0721	0.0708	0.06281	0.06105	1.21E-04	6.3E-06	1.2E-07	6.8E-08	1.28E-04	1.48E-04	7.75E-06	1.23E-07	3.82E-08	1.56E-04	1.31E-04	6E-06	1.2E-07	3.9E-08	0.0001
1466	494511.06, 3858501.99	0.06345	0.07092	0.06969	0.0619	0.06018	1.19E-04	6.2E-06	1.2E-07	6.7E-08	1.26E-04	1.46E-04	7.62E-06	1.21E-07	3.76E-08	1.54E-04	1.29E-04	5.9E-06	1.2E-07	3.9E-08	0.0001
1467	494561.06, 3858501.99	0.06352	0.07096	0.0698	0.06206	0.06019	1.19E-04	6.2E-06	1.2E-07	6.7E-08	1.26E-04	1.46E-04	7.63E-06	1.22E-07	3.76E-08	1.54E-04	1.29E-04	5.9E-06	1.2E-07	3.9E-08	0.0001
1468	494611.06, 3858501.99	0.06269	0.06995	0.06886	0.06129	0.05944	1.18E-04	6.1E-06	1.2E-07	6.6E-08	1.24E-04	1.44E-04	7.52E-06	1.20E-07	3.72E-08	1.52E-04	1.27E-04	5.8E-06	1.2E-07	3.8E-08	0.0001

1469	494661.06, 3858501.99	0.06215	0.06927	0.06825	0.06082	0.05894	1.17E-04	6.1E-06	1.2E-07	6.6E-08	1.23E-04	1.43E-04	7.45E-06	1.19E-07	3.69E-08	1.51E-04	1.26E-04	5.7E-06	1.2E-07	3.8E-08	0.0001
1470	494711.06, 3858501.99	0.06119	0.06811	0.06716	0.05992	0.05809	1.15E-04	6E-06	1.2E-07	6.5E-08	1.21E-04	1.41E-04	7.32E-06	1.17E-07	3.63E-08	1.48E-04	1.24E-04	5.6E-06	1.1E-07	3.8E-08	0.0001
1471	494761.06, 3858501.99	0.06011	0.0668	0.06592	0.05888	0.05711	1.13E-04	5.9E-06	1.2E-07	6.4E-08	1.19E-04	1.38E-04	7.18E-06	1.15E-07	3.57E-08	1.46E-04	1.22E-04	5.5E-06	1.1E-07	3.7E-08	0.0001
1472	494811.06, 3858501.99	0.05911	0.06559	0.06478	0.05793	0.05623	1.11E-04	5.8E-06	1.1E-07	6.3E-08	1.17E-04	1.36E-04	7.05E-06	1.13E-07	3.52E-08	1.43E-04	1.20E-04	5.4E-06	1.1E-07	3.6E-08	0.0001
1473	494861.06, 3858501.99	0.05842	0.06474	0.064	0.0573	0.05561	1.10E-04	5.7E-06	1.1E-07	6.2E-08	1.16E-04	1.35E-04	6.96E-06	1.12E-07	3.48E-08	1.42E-04	1.19E-04	5.4E-06	1.1E-07	3.6E-08	0.0001
1474	494911.06, 3858501.99	0.05706	0.06312	0.06244	0.05597	0.05443	1.07E-04	5.5E-06	1.1E-07	6.1E-08	1.13E-04	1.31E-04	6.79E-06	1.10E-07	3.40E-08	1.38E-04	1.16E-04	5.2E-06	1.1E-07	3.5E-08	0.0001
1475	494961.06, 3858501.99	0.05637	0.06223	0.06167	0.05533	0.05381	1.06E-04	5.5E-06	1.1E-07	6E-08	1.12E-04	1.30E-04	6.69E-06	1.08E-07	3.37E-08	1.37E-04	1.14E-04	5.1E-06	1.1E-07	3.5E-08	0.0001
1476	495011.06, 3858501.99	0.05521	0.06085	0.06035	0.05421	0.05281	1.04E-04	5.3E-06	1.1E-07	5.9E-08	1.09E-04	1.27E-04	6.54E-06	1.06E-07	3.30E-08	1.34E-04	1.12E-04	5E-06	1E-07	3.4E-08	0.0001
1477	495061.06, 3858501.99	0.05473	0.06025	0.05982	0.05377	0.05236	1.03E-04	5.3E-06	1.1E-07	5.9E-08	1.08E-04	1.26E-04	6.48E-06	1.05E-07	3.27E-08	1.33E-04	1.11E-04	5E-06	1E-07	3.4E-08	0.0001
1478	495111.06, 3858501.99	0.0533	0.05856	0.05813	0.05236	0.05114	1.00E-04	5.1E-06	1E-07	5.7E-08	1.05E-04	1.23E-04	6.30E-06	1.03E-07	3.20E-08	1.29E-04	1.08E-04	4.8E-06	1E-07	3.3E-08	0.0001
1479	495161.06, 3858501.99	0.05239	0.05748	0.0571	0.05148	0.05035	9.85E-05	5E-06	1E-07	5.6E-08	1.04E-04	1.21E-04	6.18E-06	1.01E-07	3.15E-08	1.27E-04	1.06E-04	4.8E-06	9.8E-08	3.3E-08	0.0001
1480	495211.06, 3858501.99	0.05151	0.05642	0.05611	0.05063	0.04959	9.68E-05	4.9E-06	1E-07	5.5E-08	1.02E-04	1.19E-04	6.07E-06	9.92E-08	3.10E-08	1.25E-04	1.05E-04	4.7E-06	9.6E-08	3.2E-08	0.0001
1481	495261.06, 3858501.99	0.05089	0.05567	0.05542	0.05005	0.04901	9.56E-05	4.9E-06	9.9E-08	5.5E-08	1.01E-04	1.17E-04	5.98E-06	9.80E-08	3.07E-08	1.23E-04	1.03E-04	4.6E-06	9.5E-08	3.2E-08	0.0001
1482	495311.06, 3858501.99	0.05053	0.05522	0.05503	0.04974	0.04867	9.50E-05	4.8E-06	9.9E-08	5.4E-08	1.00E-04	1.16E-04	5.94E-06	9.74E-08	3.04E-08	1.22E-04	1.03E-04	4.6E-06	9.5E-08	3.1E-08	0.0001
1483	495361.06, 3858501.99	0.0502	0.05479	0.05467	0.04945	0.04836	9.43E-05	4.8E-06	9.8E-08	5.4E-08	9.93E-05	1.16E-04	5.89E-06	9.69E-08	3.02E-08	1.22E-04	1.02E-04	4.5E-06	9.4E-08	3.1E-08	0.0001
1484	495411.06, 3858501.99	0.04998	0.05448	0.05443	0.04927	0.04813	9.39E-05	4.8E-06	9.8E-08	5.4E-08	9.89E-05	1.15E-04	5.86E-06	9.65E-08	3.01E-08	1.21E-04	1.01E-04	4.5E-06	9.4E-08	3.1E-08	0.0001
1485	495461.06, 3858501.99	0.04977	0.05419	0.05421	0.0491	0.04791	9.35E-05	4.8E-06	9.7E-08	5.4E-08	9.84E-05	1.15E-04	5.83E-06	9.62E-08	3.00E-08	1.21E-04	1.01E-04	4.5E-06	9.3E-08	3.1E-08	0.0001
1486	495511.06, 3858501.99	0.04943	0.05376	0.05385	0.04881	0.04757	9.29E-05	4.7E-06	9.7E-08	5.3E-08	9.78E-05	1.14E-04	5.78E-06	9.56E-08	2.98E-08	1.20E-04	1.00E-04	4.4E-06	9.3E-08	3.1E-08	0.0001
1487	495561.06, 3858501.99	0.04948	0.05375	0.05391	0.04891	0.04759	9.30E-05	4.7E-06	9.7E-08	5.3E-08	9.78E-05	1.14E-04	5.78E-06	9.58E-08	2.98E-08	1.20E-04	1.00E-04	4.4E-06	9.3E-08	3.1E-08	0.0001
1488	495611.06, 3858501.99	0.04891	0.05307	0.05332	0.0486	0.04717	9.19E-05	4.7E-06	9.6E-08	5.3E-08	9.67E-05	1.13E-04	5.71E-06	9.52E-08	2.95E-08	1.18E-04	9.93E-05	4.4E-06	9.2E-08	3E-08	0.0001
1489	495661.06, 3858501.99	0.04886	0.05296	0.05325	0.04837	0.04697	9.18E-05	4.6E-06	9.6E-08	5.2E-08	9.66E-05	1.13E-04	5.69E-06	9.48E-08	2.94E-08	1.18E-04	9.92E-05	4.4E-06	9.2E-08	3E-08	0.0001
1490	494311.06, 3858551.99	0.065	0.07312	0.07152	0.06329	0.06154	1.22E-04	6.4E-06	1.3E-07	6.9E-08	1.29E-04	1.50E-04	7.86E-06	1.24E-07	3.85E-08	1.58E-04	1.32E-04	6E-06	1.2E-07	4E-08	0.0001
1491	494361.06, 3858551.99	0.0654	0.07356	0.07202	0.06378	0.06182	1.23E-04	6.5E-06	1.3E-07	6.9E-08	1.30E-04	1.51E-04	7.91E-06	1.25E-07	3.87E-08	1.59E-04	1.33E-04	6.1E-06	1.2E-07	4E-08	0.0001
1492	494411.06, 3858551.99	0.06578	0.07393	0.07239	0.06395	0.06206	1.24E-04	6.5E-06	1.3E-07	6.9E-08	1.30E-04	1.51E-04	7.95E-06	1.25E-07	3.88E-08	1.60E-04	1.34E-04	6.1E-06	1.2E-07	4E-08	0.0001
1493	494461.06, 3858551.99	0.06558	0.07367	0.07219	0.06384	0.06185	1.23E-04	6.5E-06	1.3E-07	6.9E-08	1.30E-04	1.51E-04	7.92E-06	1.25E-07	3.87E-08	1.59E-04	1.33E-04	6.1E-06	1.2E-07	4E-08	0.0001
1494	494511.06, 3858551.99	0.06504	0.073	0.07159	0.06338	0.06135	1.22E-04	6.4E-06	1.3E-07	6.9E-08	1.29E-04	1.50E-04	7.85E-06	1.24E-07	3.84E-08	1.58E-04	1.32E-04	6E-06	1.2E-07	4E-08	0.0001
1495	494561.06, 3858551.99	0.0646	0.07245	0.0711	0.06302	0.06093	1.21E-04	6.4E-06	1.3E-07	6.8E-08	1.28E-04	1.49E-04	7.79E-06	1.23E-07	3.81E-08	1.57E-04	1.31E-04	6E-06	1.2E-07	3.9E-08	0.0001
1496	494611.06, 3858551.99	0.06394	0.07163	0.07035	0.06243	0.06032	1.20E-04	6.3E-06	1.2E-07	6.7E-08	1.27E-04	1.47E-04	7.70E-06	1.22E-07	3.77E-08	1.55E-04	1.30E-04	5.9E-06	1.2E-07	3.9E-08	0.0001
1497	494661.06, 3858551.99	0.06336	0.07091	0.0697	0.06192	0.05979	1.19E-04	6.2E-06	1.2E-07	6.7E-08	1.25E-04	1.46E-04	7.62E-06	1.21E-07	3.74E-08	1.54E-04	1.29E-04	5.9E-06	1.2E-07	3.9E-08	0.0001
1498	494711.06, 3858551.99	0.06229	0.06961	0.06846	0.06091	0.05883	1.17E-04	6.1E-06	1.2E-07	6.6E-08	1.23E-04	1.43E-04	7.48E-06	1.19E-07	3.68E-08	1.51E-04	1.26E-04	5.8E-06	1.2E-07	3.8E-08	0.0001
1499	494761.06, 3858551.99	0.06123	0.06834	0.06726	0.05991	0.0579	1.15E-04	6E-06	1.2E-07	6.5E-08	1.21E-04	1.41E-04	7.35E-06	1.17E-07	3.62E-08	1.49E-04	1.24E-04	5.7E-06	1.1E-07	3.7E-08	0.0001
1500	494811.06, 3858551.99	0.06042	0.06734	0.06633	0.05915	0.05717	1.14E-04	5.9E-06	1.2E-07	6.4E-08	1.20E-04	1.39E-04	7.24E-06	1.16E-07	3.58E-08	1.47E-04	1.23E-04	5.6E-06	1.1E-07	3.7E-08	0.0001
1501	494861.06, 3858551.99	0.05936	0.06607	0.06512	0.05815	0.05624	1.12E-04	5.8E-06	1.2E-07	6.3E-08	1.18E-04	1.37E-04	7.10E-06	1.14E-07	3.52E-08	1.44E-04	1.21E-04	5.5E-06	1.1E-07	3.6E-08	0.0001
1502	494911.06, 3858551.99	0.05816	0.06464	0.06375	0.057	0.05518	1.09E-04	5.7E-06	1.1E-07	6.2E-08	1.15E-04	1.34E-04	6.95E-06	1.12E-07	3.45E-08	1.41E-04	1.18E-04	5.3E-06	1.1E-07	3.6E-08	0.0001
1503	494961.06, 3858551.99	0.05722	0.0635	0.06267	0.0561	0.05435	1.08E-04	5.6E-06	1.1E-07	6.1E-08	1.13E-04	1.32E-04	6.83E-06	1.10E-07	3.40E-08	1.39E-04	1.16E-04	5.3E-06	1.1E-07	3.5E-08	0.0001
1504	495011.06, 3858551.99	0.05601	0.06206	0.06129	0.05493	0.0533	1.05E-04	5.4E-06	1.1E-07	6E-08	1.11E-04	1.29E-04	6.67E-06	1.08E-07	3.33E-08	1.36E-04	1.14E-04	5.1E-06	1E-07	3.4E-08	0.0001
1505	495061.06, 3858551.99	0.05529	0.06112	0.06047	0.05425	0.05265	1.04E-04	5.4E-06	1.1E-07	5.9E-08	1.09E-04	1.27E-04	6.57E-06	1.06E-07	3.29E-08	1.34E-04	1.12E-04	5.1E-06	1E-07	3.4E-08	0.0001
1506	495111.06, 3858551.99	0.05385	0.05944	0.05884	0.05285	0.05143	1.01E-04	5.2E-06	1E-07	5.7E-08	1.07E-04	1.24E-04	6.39E-06	1.04E-07	3.22E-08	1.31E-04	1.09E-04	4.9E-06	1E-07	3.3E-08	0.0001
1507	495161.06, 3858551.99	0.05294	0.05834	0.05781	0.05196	0.05063	9.95E-05	5.1E-06	1E-07	5.7E-08	1.05E-04	1.22E-04	6.27E-06	1.02E-07	3.17E-08	1.28E-04	1.07E-04	4.8E-06	9.9E-08	3.3E-08	0.0001
1508	495211.06, 3858551.99	0.05214	0.05738	0.05685	0.0512	0.04994	9.80E-05	5E-06	1E-07	5.6E-08	1.03E-04	1.20E-04	6.17E-06	1.00E-07	3.12E-08	1.26E-04	1.06E-04	4.7E-06	9.7E-08	3.2E-08	0.0001
1509	495261.06, 3858551.99	0.05158	0.05671	0.05623	0.05069	0.04944	9.69E-05	5E-06	1E-07	5.5E-08	1.02E-04	1.19E-04	6.10E-06	9.93E-08	3.09E-08	1.25E-04	1.05E-04	4.7E-06	9.6E-08	3.2E-08	0.0001
1510	495311.06, 3858551.99	0.05132	0.05635	0.05594	0.05047	0.04917	9.64E-05	4.9E-06	1E-07	5.5E-08	1.02E-04	1.18E-04	6.06E-06	9.89E-08	3.08E-08	1.24E-04	1.04E-04	4.7E-06	9.6E-08	3.2E-08	0.0001
1511	495361.06, 3858551.99	0.05099	0.05593	0.05558	0.05019	0.04886	9.58E-05	4.9E-06	1E-07	5.5E-08	1.01E-04	1.17E-04	6.01E-06	9.83E-08	3.06E-08	1.24E-04	1.04E-04	4.6E-06	9.5E-08	3.2E-08	0.0001
1512	495411.06, 3858551.99	0.05085	0.05572	0.05544	0.05009	0.0487	9.56E-05	4.9E-06	9.9E-08	5.4E-08	1.01E-04	1.17E-04	5.99E-06	9.81E-08	3.05E-08	1.23E-04	1.03E-04	4.6E-06	9.5E-08	3.1E-08	0.0001
1513	495461.06, 3858551.99	0.05058	0.05537	0.05515	0.04987	0.04844	9.51E-05	4.9E-06	9.9E-08	5.4E-08	1.00E-04	1.16E-04	5.95E-06	9.77E-08	3.03E-08	1.23E-04	1.03E-04	4.6E-06	9.5E-08	3.1E-08	0.0001
1514	495511.06, 3858551.99	0.05046	0.05518	0.05503	0.0498	0.0483	9.48E-05	4.8E-06	9.9E-08	5.4E-08	9.98E-05	1.16E-04	5.93E-06	9.76E-08	3.02E-08	1.22E-04	1.02E-04	4.6E-06	9.5E-08	3.1E-08	0.0001
1515	495561.06, 3858551.99	0.05019	0.05483	0.05474	0.04958	0.04804	9.43E-05	4.8E-06	9.8E-08	5.4E-08	9.93E-05	1.16E-04	5.89E-06	9.71E-08	3.00E-08	1.22E-04	1.02E-04	4.5E-06	9.4E-08	3.1E-08	0.0001
1516	495611.06, 3858551.99	0.04986	0.05439	0.05437	0.04928	0.04772	9.37E-05	4.8E-06	9.8E-08	5.3E-08	9.86E-05	1.15E-04	5.85E-06	9.65E-08	2.98E-08	1.21E-04	1.01E-04	4.5E-06	9.4E-08	3.1E-08	0.0001
1517	495661.06, 3858551.99	0.04947	0.0539	0.05395	0.04893	0.04737	9.30E-05	4.7E-06	9.7E-08	5.3E-08	9.78E-05	1.14E-04	5.79E-06	9.59E-08	2.96E-08	1.20E-04	1.00E-04	4.5E-06	9.3E-08	3.1E-08	0.0001
1518	494311.06, 3858601.99	0.06162	0.06924	0.06749	0.05943	0.05851	1.16E-04	6.1E-06	1.2E-07	6.5E-08	1.22E-04	1.42E-04	7.44E-06	1.16E-07	3.66E-08	1.49E-04	1.25E-04	5.7E-06	1.1E-07	3.8E-08	0.0001
1519	494361.06, 3858601.99	0.06479	0.07299	0.07134	0.06301	0.06116	1.22E-04	6.4E-06	1.3E-07	6.8E-08	1.28E-04	1.49E-04	7.85E-06	1.23E-07	3.83E-08	1.57E-04	1.32E-04	6E-06	1.2E-07	4E-08	0.0001
1520	494411.06, 3858601.99	0.06706	0.07561	0.07393	0.06509	0.06304	1.26E-04	6.6E-06	1.3E-07	7E-08	1.33E-04	1.54E-04	8.13E-06	1.28E-07	3.94E-08	1.63E-04	1.36E-04	6.3E-06	1.2E-07	4.1E-08	0.0001
1521	494461.06, 3858601.99	0.06682	0.0753	0.07368	0.06494	0.0628	1.26E-04	6.6E-06	1.3E-07	7E-08	1.32E-04	1.54E-04	8.09E-06	1.27E-07	3.93E-08	1.62E-04	1.36E-04	6.2E-06	1.2E-07	4.1E-08	0.0001
1522	494511.06, 3858601.99	0.066	0.07433	0.07281	0.06425	0.06187	1.24E-04	6.5E-06	1.3E-07	6.9E-08	1.31E-04	1.52E-04	7.99E-06	1.26E-07	3.87E-08	1.60E-04	1.34E-04	6.1E-06	1.2E-07	4E-08	0.0001
1523	494561.06, 3858601.99	0.06597	0.07424	0.07275	0.06426	0.062	1.24E-04	6.5E-06	1.3E-07	6.9E-08	1.31E-04	1.52E-04	7.98E-06	1.26E-07	3.88E-08	1.60E-04	1.34E-04	6.1E-06	1.2E-07	4E-08	0.0001
1524	494611.06, 3858601.99	0.06508	0.07315	0.07172	0.06344	0.06119	1.22E-04	6.4E-06	1.3E-07	6.8E-08	1.29E-04	1.50E-04	7.86E-06	1.24E-07	3.83E-08	1.58E-04	1.32E-04	6E-06	1.2E-07	4E-08	0.0001
1525	494661.06, 3858601.99	0.06442	0.07235	0.07098	0.06287	0.06059	1.21E-04	6.3E-06	1.2E-07	6.8E-08	1.28E-04	1.48E-04	7.78E-06	1.23E-07	3.79E-08	1.56E-04	1.31E-04	6E-06	1.2E-07	3.9E-08	0.0001
1526	494711.06, 3858601.99	0.06342	0.07114	0.06983	0.06193	0.05965	1.19E-04	6.2E-06	1.2E-07	6.7E-08	1.26E-04	1.46E-04	7.65E-06	1.21E-07	3.73E-08	1.54E-04	1.29E-04	5.9E-06	1.2E-07	3.9E-08	0.0001
1527	494761.06, 3858601.99	0.06243	0.06993	0.06869	0.061	0.05876	1.17E-04	6.1E-06	1.2E-07	6.6E-08	1.24E-04	1.44E-04	7.52E-06	1.19E-07	3.68E-08	1.51E-04	1.27E-04	5.8E-06	1.2E-07	3.8E-08	0.0001
1528	494811.06, 3858601.99	0.06095	0.06817	0.06699	0.05959	0.05747	1.15E-04	6E-06	1.2E-07	6.4E-08	1.21E-04	1.40E-04	7.33E-06	1.17E-07	3.59E-08	1.48E-04	1.24E-04	5.6E-06	1.1E-07	3.7E-08	0.0001
1529	494861.06, 3858601.99	0.06016	0.06721	0.06609	0.05886	0.05676	1.13E-04	5.9E-06	1.2E-07	6.3E-08	1.19E-04	1.39E-04	7.23E-06	1.15E-07	3.55E-08	1.46E-04	1.22E-04	5.6E-06	1.1E-07	3.7E-08	0.0001
1530	494911.06, 3858601.99	0.0588	0.06558	0.06452	0.05754	0.05557	1.10E-04	5.8E-06	1.1E-07	6.2E-08	1.16E-04	1.35E-04	7.05E-06	1.13E-07	3.48E-08	1.43E-04	1.19E-04	5.4E-06	1.1E-07	3.6E-08	0.0001
1531	494961.06, 3858601.99	0.05784	0.06444	0.06344	0.05664	0.05471	1.09E-04	5.7E-06	1.1E-07	6.1E-08	1.15E-04	1.33E-04	6.93E-06	1.11E-07	3.42E-08	1.40E-04	1.17E-04	5.3E-06	1.1E-07	3.5E-08	0.0001
1532	495011.06, 3858601.99	0.05685	0.06325	0.0623	0.0557	0.05384	1.07E-04	5.5E-06	1.1E-07	6E-08	1.13E-04	1.31E-04	6.80E-06	1.09E-07	3.37E-08	1.38E-04	1.15E-04	5.2E-06	1.1E-07	3.5E-08	0.0001

1533	495061.06, 3858601.99	0.05582	0.06201	0.06112	0.05471	0.05294	1.05E-04	5.4E-06	1.1E-07	5.9E-08	1.11E-04	1.29E-04	6.67E-06	1.07E-07	3.31E-08	1.35E-04	1.13E-04	5.1E-06	1E-07	3.4E-08	0.0001
1534	495111.06, 3858601.99	0.05429	0.06021	0.05937	0.05321	0.05164	1.02E-04	5.3E-06	1.1E-07	5.8E-08	1.07E-04	1.25E-04	6.47E-06	1.04E-07	3.23E-08	1.32E-04	1.10E-04	5E-06	1E-07	3.3E-08	0.0001
1535	495161.06, 3858601.99	0.05349	0.05919	0.05847	0.05245	0.05094	1.01E-04	5.2E-06	1E-07	5.7E-08	1.06E-04	1.23E-04	6.36E-06	1.03E-07	3.19E-08	1.30E-04	1.09E-04	4.9E-06	1E-07	3.3E-08	0.0001
1536	495211.06, 3858601.99	0.05297	0.05856	0.05789	0.05198	0.05047	9.95E-05	5.1E-06	1E-07	5.6E-08	1.05E-04	1.22E-04	6.30E-06	1.02E-07	3.16E-08	1.28E-04	1.08E-04	4.8E-06	9.9E-08	3.3E-08	0.0001
1537	495261.06, 3858601.99	0.05238	0.05784	0.05723	0.05143	0.04993	9.84E-05	5.1E-06	1E-07	5.6E-08	1.04E-04	1.21E-04	6.22E-06	1.01E-07	3.12E-08	1.27E-04	1.06E-04	4.8E-06	9.8E-08	3.2E-08	0.0001
1538	495311.06, 3858601.99	0.05195	0.05731	0.05675	0.05105	0.04954	9.76E-05	5E-06	1E-07	5.5E-08	1.03E-04	1.20E-04	6.16E-06	1.00E-07	3.10E-08	1.26E-04	1.05E-04	4.7E-06	9.7E-08	3.2E-08	0.0001
1539	495361.06, 3858601.99	0.05172	0.05699	0.0565	0.05086	0.0493	9.72E-05	5E-06	1E-07	5.5E-08	1.02E-04	1.19E-04	6.13E-06	9.96E-08	3.08E-08	1.25E-04	1.05E-04	4.7E-06	9.7E-08	3.2E-08	0.0001
1540	495411.06, 3858601.99	0.05148	0.05668	0.05625	0.05068	0.04907	9.67E-05	5E-06	1E-07	5.5E-08	1.02E-04	1.19E-04	6.09E-06	9.93E-08	3.07E-08	1.25E-04	1.05E-04	4.7E-06	9.6E-08	3.2E-08	0.0001
1541	495461.06, 3858601.99	0.0513	0.05643	0.05606	0.05055	0.04888	9.64E-05	5E-06	1E-07	5.5E-08	1.02E-04	1.18E-04	6.07E-06	9.90E-08	3.06E-08	1.24E-04	1.04E-04	4.7E-06	9.6E-08	3.2E-08	0.0001
1542	495511.06, 3858601.99	0.05086	0.05588	0.05557	0.05014	0.04848	9.56E-05	4.9E-06	1E-07	5.4E-08	1.01E-04	1.17E-04	6.01E-06	9.82E-08	3.03E-08	1.23E-04	1.03E-04	4.6E-06	9.5E-08	3.1E-08	0.0001
1543	495561.06, 3858601.99	0.0508	0.05576	0.05551	0.05013	0.04838	9.55E-05	4.9E-06	9.9E-08	5.4E-08	1.01E-04	1.17E-04	5.99E-06	9.82E-08	3.03E-08	1.23E-04	1.03E-04	4.6E-06	9.5E-08	3.1E-08	0.0001
1544	495611.06, 3858601.99	0.05027	0.05511	0.05486	0.04963	0.04791	9.45E-05	4.8E-06	9.9E-08	5.4E-08	9.95E-05	1.16E-04	5.92E-06	9.72E-08	3.00E-08	1.22E-04	1.02E-04	4.6E-06	9.4E-08	3.1E-08	0.0001
1545	495661.06, 3858601.99	0.05013	0.0549	0.05472	0.04954	0.04776	9.42E-05	4.8E-06	9.8E-08	5.3E-08	9.92E-05	1.15E-04	5.90E-06	9.70E-08	2.99E-08	1.21E-04	1.02E-04	4.5E-06	9.4E-08	3.1E-08	0.0001
1546	494311.06, 3858651.99	0.06088	0.06848	0.06665	0.05853	0.0577	1.14E-04	6E-06	1.2E-07	6.4E-08	1.21E-04	1.40E-04	7.36E-06	1.15E-07	3.61E-08	1.48E-04	1.24E-04	5.7E-06	1.1E-07	3.7E-08	0.0001
1547	494361.06, 3858651.99	0.06397	0.07214	0.07039	0.06202	0.06029	1.20E-04	6.3E-06	1.2E-07	6.7E-08	1.27E-04	1.47E-04	7.76E-06	1.21E-07	3.77E-08	1.55E-04	1.30E-04	6E-06	1.2E-07	3.9E-08	0.0001
1548	494411.06, 3858651.99	0.06748	0.07629	0.07455	0.0656	0.06326	1.27E-04	6.7E-06	1.3E-07	7.1E-08	1.34E-04	1.55E-04	8.20E-06	1.29E-07	3.96E-08	1.64E-04	1.37E-04	6.3E-06	1.2E-07	4.1E-08	0.0001
1549	494461.06, 3858651.99	0.06775	0.07654	0.07479	0.0657	0.06349	1.27E-04	6.7E-06	1.3E-07	7.1E-08	1.34E-04	1.56E-04	8.23E-06	1.29E-07	3.97E-08	1.64E-04	1.38E-04	6.3E-06	1.2E-07	4.1E-08	0.0001
1550	494511.06, 3858651.99	0.0672	0.07586	0.07418	0.06524	0.06298	1.26E-04	6.7E-06	1.3E-07	7E-08	1.33E-04	1.55E-04	8.16E-06	1.28E-07	3.94E-08	1.63E-04	1.36E-04	6.3E-06	1.2E-07	4.1E-08	0.0001
1551	494561.06, 3858651.99	0.06684	0.07541	0.07379	0.06497	0.06264	1.26E-04	6.6E-06	1.3E-07	7E-08	1.32E-04	1.54E-04	8.11E-06	1.27E-07	3.92E-08	1.62E-04	1.36E-04	6.2E-06	1.2E-07	4E-08	0.0001
1552	494611.06, 3858651.99	0.0663	0.07475	0.07319	0.06452	0.06215	1.25E-04	6.6E-06	1.3E-07	6.9E-08	1.31E-04	1.53E-04	8.04E-06	1.26E-07	3.89E-08	1.61E-04	1.35E-04	6.2E-06	1.2E-07	4E-08	0.0001
1553	494661.06, 3858651.99	0.06547	0.07374	0.07224	0.06377	0.06139	1.23E-04	6.5E-06	1.3E-07	6.9E-08	1.30E-04	1.51E-04	7.93E-06	1.25E-07	3.84E-08	1.59E-04	1.33E-04	6.1E-06	1.2E-07	4E-08	0.0001
1554	494711.06, 3858651.99	0.06433	0.07236	0.07093	0.06271	0.06035	1.21E-04	6.3E-06	1.2E-07	6.7E-08	1.27E-04	1.48E-04	7.78E-06	1.23E-07	3.77E-08	1.56E-04	1.31E-04	6E-06	1.2E-07	3.9E-08	0.0001
1555	494761.06, 3858651.99	0.06344	0.07129	0.06992	0.0619	0.05955	1.19E-04	6.3E-06	1.2E-07	6.7E-08	1.26E-04	1.46E-04	7.66E-06	1.21E-07	3.72E-08	1.54E-04	1.29E-04	5.9E-06	1.2E-07	3.8E-08	0.0001
1556	494811.06, 3858651.99	0.06212	0.06971	0.0684	0.06065	0.05837	1.17E-04	6.1E-06	1.2E-07	6.5E-08	1.23E-04	1.43E-04	7.49E-06	1.19E-07	3.65E-08	1.51E-04	1.26E-04	5.8E-06	1.2E-07	3.8E-08	0.0001
1557	494861.06, 3858651.99	0.06092	0.06827	0.06702	0.05952	0.05727	1.14E-04	6E-06	1.2E-07	6.4E-08	1.21E-04	1.40E-04	7.34E-06	1.17E-07	3.58E-08	1.48E-04	1.24E-04	5.6E-06	1.1E-07	3.7E-08	0.0001
1558	494911.06, 3858651.99	0.05959	0.06668	0.0655	0.05825	0.05611	1.12E-04	5.8E-06	1.2E-07	6.3E-08	1.18E-04	1.37E-04	7.17E-06	1.14E-07	3.51E-08	1.45E-04	1.21E-04	5.5E-06	1.1E-07	3.6E-08	0.0001
1559	494961.06, 3858651.99	0.0584	0.06526	0.06413	0.05711	0.05506	1.10E-04	5.7E-06	1.1E-07	6.2E-08	1.16E-04	1.34E-04	7.02E-06	1.12E-07	3.44E-08	1.42E-04	1.19E-04	5.4E-06	1.1E-07	3.6E-08	0.0001
1560	495011.06, 3858651.99	0.05748	0.06416	0.06308	0.05624	0.05425	1.08E-04	5.6E-06	1.1E-07	6.1E-08	1.14E-04	1.32E-04	6.90E-06	1.10E-07	3.39E-08	1.39E-04	1.17E-04	5.3E-06	1.1E-07	3.5E-08	0.0001
1561	495061.06, 3858651.99	0.05644	0.06291	0.06189	0.05525	0.05332	1.06E-04	5.5E-06	1.1E-07	6E-08	1.12E-04	1.30E-04	6.76E-06	1.08E-07	3.33E-08	1.37E-04	1.15E-04	5.2E-06	1.1E-07	3.4E-08	0.0001
1562	495111.06, 3858651.99	0.05522	0.06147	0.06049	0.05407	0.05226	1.04E-04	5.4E-06	1.1E-07	5.8E-08	1.09E-04	1.27E-04	6.61E-06	1.06E-07	3.27E-08	1.34E-04	1.12E-04	5.1E-06	1E-07	3.4E-08	0.0001
1563	495161.06, 3858651.99	0.05445	0.06054	0.05962	0.05335	0.05159	1.02E-04	5.3E-06	1.1E-07	5.8E-08	1.08E-04	1.25E-04	6.51E-06	1.05E-07	3.23E-08	1.32E-04	1.11E-04	5E-06	1E-07	3.3E-08	0.0001
1564	495211.06, 3858651.99	0.05354	0.05946	0.05858	0.05248	0.05079	1.01E-04	5.2E-06	1E-07	5.7E-08	1.06E-04	1.23E-04	6.39E-06	1.03E-07	3.18E-08	1.30E-04	1.09E-04	4.9E-06	1E-07	3.3E-08	0.0001
1565	495261.06, 3858651.99	0.05329	0.05913	0.05831	0.05228	0.05054	1.00E-04	5.2E-06	1E-07	5.6E-08	1.05E-04	1.23E-04	6.36E-06	1.02E-07	3.16E-08	1.29E-04	1.08E-04	4.9E-06	9.9E-08	3.3E-08	0.0001
1566	495311.06, 3858651.99	0.05283	0.05857	0.0578	0.05187	0.05012	9.93E-05	5.1E-06	1E-07	5.6E-08	1.05E-04	1.22E-04	6.30E-06	1.02E-07	3.13E-08	1.28E-04	1.07E-04	4.8E-06	9.9E-08	3.2E-08	0.0001
1567	495361.06, 3858651.99	0.05257	0.05823	0.05751	0.05166	0.04987	9.88E-05	5.1E-06	1E-07	5.6E-08	1.04E-04	1.21E-04	6.26E-06	1.01E-07	3.12E-08	1.27E-04	1.07E-04	4.8E-06	9.8E-08	3.2E-08	0.0001
1568	495411.06, 3858651.99	0.05241	0.05801	0.05734	0.05155	0.04969	9.85E-05	5.1E-06	1E-07	5.6E-08	1.04E-04	1.21E-04	6.24E-06	1.01E-07	3.11E-08	1.27E-04	1.06E-04	4.8E-06	9.8E-08	3.2E-08	0.0001
1569	495461.06, 3858651.99	0.05237	0.05792	0.05731	0.05156	0.04962	9.84E-05	5.1E-06	1E-07	5.5E-08	1.04E-04	1.21E-04	6.23E-06	1.01E-07	3.10E-08	1.27E-04	1.06E-04	4.8E-06	9.8E-08	3.2E-08	0.0001
1570	495511.06, 3858651.99	0.05184	0.05722	0.05672	0.05107	0.04915	9.74E-05	5E-06	1E-07	5.5E-08	1.03E-04	1.19E-04	6.15E-06	1.00E-07	3.07E-08	1.26E-04	1.05E-04	4.7E-06	9.7E-08	3.2E-08	0.0001
1571	495561.06, 3858651.99	0.05147	0.05674	0.0563	0.05074	0.0488	9.67E-05	5E-06	1E-07	5.5E-08	1.02E-04	1.19E-04	6.10E-06	9.94E-08	3.05E-08	1.25E-04	1.05E-04	4.7E-06	9.7E-08	3.2E-08	0.0001
1572	495611.06, 3858651.99	0.05086	0.05601	0.05562	0.05017	0.04826	9.56E-05	4.9E-06	1E-07	5.4E-08	1.01E-04	1.17E-04	6.02E-06	9.83E-08	3.02E-08	1.23E-04	1.03E-04	4.6E-06	9.5E-08	3.1E-08	0.0001
1573	495661.06, 3858651.99	0.05069	0.05577	0.05544	0.05004	0.04809	9.53E-05	4.9E-06	9.9E-08	5.4E-08	1.00E-04	1.17E-04	6.00E-06	9.80E-08	3.01E-08	1.23E-04	1.03E-04	4.6E-06	9.5E-08	3.1E-08	0.0001
1574	494311.06, 3858701.99	0.06163	0.06945	0.06752	0.05911	0.05812	1.16E-04	6.1E-06	1.2E-07	6.5E-08	1.22E-04	1.42E-04	7.47E-06	1.16E-07	3.64E-08	1.50E-04	1.25E-04	5.7E-06	1.1E-07	3.8E-08	0.0001
1575	494361.06, 3858701.99	0.06591	0.07456	0.07269	0.06376	0.06177	1.24E-04	6.5E-06	1.3E-07	6.9E-08	1.31E-04	1.52E-04	8.02E-06	1.25E-07	3.86E-08	1.60E-04	1.34E-04	6.2E-06	1.2E-07	4E-08	0.0001
1576	494411.06, 3858701.99	0.06831	0.07741	0.07554	0.06622	0.06388	1.28E-04	6.8E-06	1.3E-07	7.1E-08	1.35E-04	1.57E-04	8.32E-06	1.30E-07	4.00E-08	1.66E-04	1.39E-04	6.4E-06	1.3E-07	4.1E-08	0.0001
1577	494461.06, 3858701.99	0.06825	0.07732	0.0755	0.06625	0.06382	1.28E-04	6.8E-06	1.3E-07	7.1E-08	1.35E-04	1.57E-04	8.31E-06	1.30E-07	3.99E-08	1.66E-04	1.39E-04	6.4E-06	1.3E-07	4.1E-08	0.0001
1578	494511.06, 3858701.99	0.06812	0.07709	0.07528	0.06597	0.06372	1.28E-04	6.8E-06	1.3E-07	7.1E-08	1.35E-04	1.57E-04	8.29E-06	1.29E-07	3.99E-08	1.65E-04	1.38E-04	6.4E-06	1.3E-07	4.1E-08	0.0001
1579	494561.06, 3858701.99	0.06761	0.07646	0.07472	0.06557	0.06326	1.27E-04	6.7E-06	1.3E-07	7.1E-08	1.34E-04	1.56E-04	8.22E-06	1.28E-07	3.96E-08	1.64E-04	1.37E-04	6.3E-06	1.2E-07	4.1E-08	0.0001
1580	494611.06, 3858701.99	0.06625	0.07482	0.07316	0.06431	0.06201	1.24E-04	6.6E-06	1.3E-07	6.9E-08	1.31E-04	1.53E-04	8.04E-06	1.26E-07	3.88E-08	1.61E-04	1.35E-04	6.2E-06	1.2E-07	4E-08	0.0001
1581	494661.06, 3858701.99	0.06612	0.07464	0.07304	0.06427	0.06188	1.24E-04	6.5E-06	1.3E-07	6.9E-08	1.31E-04	1.52E-04	8.02E-06	1.26E-07	3.87E-08	1.60E-04	1.34E-04	6.2E-06	1.2E-07	4E-08	0.0001
1582	494711.06, 3858701.99	0.06326	0.07122	0.06972	0.06151	0.05931	1.19E-04	6.2E-06	1.2E-07	6.6E-08	1.25E-04	1.46E-04	7.66E-06	1.20E-07	3.71E-08	1.53E-04	1.28E-04	5.9E-06	1.2E-07	3.8E-08	0.0001
1583	494761.06, 3858701.99	0.0638	0.07185	0.07038	0.06213	0.05977	1.20E-04	6.3E-06	1.2E-07	6.7E-08	1.26E-04	1.47E-04	7.72E-06	1.22E-07	3.74E-08	1.55E-04	1.30E-04	5.9E-06	1.2E-07	3.9E-08	0.0001
1584	494811.06, 3858701.99	0.06249	0.07028	0.06888	0.0609	0.05859	1.17E-04	6.2E-06	1.2E-07	6.5E-08	1.24E-04	1.44E-04	7.56E-06	1.19E-07	3.66E-08	1.52E-04	1.27E-04	5.8E-06	1.2E-07	3.8E-08	0.0001
1585	494861.06, 3858701.99	0.06144	0.06902	0.06768	0.05992	0.05765	1.15E-04	6.1E-06	1.2E-07	6.4E-08	1.22E-04	1.41E-04	7.42E-06	1.17E-07	3.61E-08	1.49E-04	1.25E-04	5.7E-06	1.1E-07	3.7E-08	0.0001
1586	494911.06, 3858701.99	0.06053	0.06793	0.06664	0.05908	0.0568	1.14E-04	6E-06	1.2E-07	6.3E-08	1.20E-04	1.39E-04	7.30E-06	1.16E-07	3.55E-08	1.47E-04	1.23E-04	5.6E-06	1.1E-07	3.7E-08	0.0001
1587	494961.06, 3858701.99	0.05874	0.0658	0.06457	0.05735	0.05523	1.10E-04	5.8E-06	1.1E-07	6.2E-08	1.16E-04	1.35E-04	7.07E-06	1.12E-07	3.45E-08	1.42E-04	1.19E-04	5.4E-06	1.1E-07	3.6E-08	0.0001
1588	495011.06, 3858701.99	0.05762	0.06446	0.06328	0.05628	0.05424	1.08E-04	5.7E-06	1.1E-07	6.1E-08	1.14E-04	1.33E-04	6.93E-06	1.10E-07	3.39E-08	1.40E-04	1.17E-04	5.3E-06	1.1E-07	3.5E-08	0.0001
1589	495061.06, 3858701.99	0.05711	0.06384	0.06271	0.05583	0.05377	1.07E-04	5.6E-06	1.1E-07	6E-08	1.13E-04	1.32E-04	6.86E-06	1.09E-07	3.36E-08	1.39E-04	1.16E-04	5.3E-06	1.1E-07	3.5E-08	0.0001
1590	495111.06, 3858701.99	0.0558	0.06229	0.06121	0.05458	0.05264	1.05E-04	5.5E-06	1.1E-07	5.9E-08	1.10E-04	1.28E-04	6.70E-06	1.07E-07	3.29E-08	1.35E-04	1.13E-04	5.2E-06	1E-07	3.4E-08	0.0001
1591	495161.06, 3858701.99	0.05516	0.06151	0.06048	0.05398	0.05205	1.04E-04	5.4E-06	1.1E-07	5.8E-08	1.09E-04	1.27E-04	6.61E-06	1.06E-07	3.26E-08	1.34E-04	1.12E-04	5.1E-06	1E-07	3.4E-08	0.0001
1592	495211.06, 3858701.99	0.05427	0.06046	0.05947	0.05314	0.05127	1.02E-04	5.3E-06	1.1E-07	5.7E-08	1.07E-04	1.25E-04	6.50E-06	1.04E-07	3.21E-08	1.32E-04	1.10E-04	5E-06	1E-07	3.3E-08	0.0001
1593	495261.06, 3858701.99	0.05405	0.06018	0.05923	0.05298	0.05105	1.02E-04	5.3E-06	1.1E-07	5.7E-08	1.07E-04	1.24E-04	6.47E-06	1.04E-07	3.19E-08	1.31E-04	1.10E-04	5E-06	1E-07	3.3E-08	0.0001
1594	495311.06, 3858701.99	0.05385	0.05991	0.05901	0.05282	0.05084	1.01E-04	5.3E-06	1E-07	5.7E-08	1.07E-04	1.24E-04	6.44E-06	1.03E-07	3.18E-08	1.31E-04	1.09E-04	5E-06	1E-07	3.3E-08	0.0001
1595	495361.06, 3858701.99	0.05349	0.05946	0.05861	0.05252	0.0505	1.01E-04	5.2E-06	1E-07	5.6E-08	1.06E-04	1.23E-04	6.39E-06	1.03E-07	3.16E-08	1.30E-04	1.09E-04	4.9E-06	1E-07	3.3E-08	0.0001
1596	495411.06, 3858701.99	0.05341	0.05934	0.05853	0.05249	0.0504	1.00E-04	5.2E-06	1E-07	5.6E-08	1.06E-04	1.23E-04	6.38E-06	1.03E-07	3.15E-08	1.30E-04	1.08E-04	4.9E-06	1E-07	3.3E-08	0.0001

1597	495461.06, 3858701.99	0.05314	0.059	0.05824	0.05227	0.05014	9.99E-05	5.2E-06	1E-07	5.6E-08	1.05E-04	1.22E-04	6.34E-06	1.02E-07	3.14E-08	1.29E-04	1.08E-04	4.9E-06	9.9E-08	3.2E-08	0.0001
1598	495511.06, 3858701.99	0.05273	0.05848	0.05778	0.0519	0.04976	9.91E-05	5.1E-06	1E-07	5.6E-08	1.04E-04	1.21E-04	6.29E-06	1.02E-07	3.11E-08	1.28E-04	1.07E-04	4.8E-06	9.9E-08	3.2E-08	0.0001
1599	495561.06, 3858701.99	0.05222	0.05787	0.05721	0.05143	0.0493	9.81E-05	5.1E-06	1E-07	5.5E-08	1.03E-04	1.20E-04	6.22E-06	1.01E-07	3.08E-08	1.27E-04	1.06E-04	4.8E-06	9.8E-08	3.2E-08	0.0001
1600	495611.06, 3858701.99	0.0517	0.05723	0.05663	0.05096	0.04884	9.72E-05	5E-06	1E-07	5.5E-08	1.02E-04	1.19E-04	6.15E-06	9.98E-08	3.05E-08	1.25E-04	1.05E-04	4.7E-06	9.7E-08	3.2E-08	0.0001
1601	495661.06, 3858701.99	0.05139	0.05684	0.05629	0.05069	0.04855	9.66E-05	5E-06	1E-07	5.4E-08	1.02E-04	1.18E-04	6.11E-06	9.93E-08	3.04E-08	1.25E-04	1.04E-04	4.7E-06	9.6E-08	3.1E-08	0.0001
1602	494311.06, 3858751.99	0.06265	0.07079	0.06878	0.05999	0.05864	1.18E-04	6.2E-06	1.2E-07	6.6E-08	1.24E-04	1.44E-04	7.61E-06	1.18E-07	3.67E-08	1.52E-04	1.27E-04	5.9E-06	1.1E-07	3.8E-08	0.0001
1603	494361.06, 3858751.99	0.06752	0.07661	0.07457	0.06513	0.06304	1.27E-04	6.7E-06	1.3E-07	7E-08	1.34E-04	1.55E-04	8.24E-06	1.28E-07	3.94E-08	1.64E-04	1.37E-04	6.3E-06	1.2E-07	4.1E-08	0.0001
1604	494411.06, 3858751.99	0.06929	0.07872	0.07666	0.06694	0.06468	1.30E-04	6.9E-06	1.3E-07	7.2E-08	1.37E-04	1.60E-04	8.46E-06	1.31E-07	4.05E-08	1.68E-04	1.41E-04	6.5E-06	1.3E-07	4.2E-08	0.0001
1605	494461.06, 3858751.99	0.0692	0.07859	0.07659	0.06695	0.06462	1.30E-04	6.9E-06	1.3E-07	7.2E-08	1.37E-04	1.59E-04	8.45E-06	1.31E-07	4.04E-08	1.68E-04	1.41E-04	6.5E-06	1.3E-07	4.2E-08	0.0001
1606	494511.06, 3858751.99	0.06926	0.07856	0.07657	0.06687	0.06472	1.30E-04	6.9E-06	1.3E-07	7.2E-08	1.37E-04	1.59E-04	8.45E-06	1.31E-07	4.05E-08	1.68E-04	1.41E-04	6.5E-06	1.3E-07	4.2E-08	0.0001
1607	494561.06, 3858751.99	0.06843	0.07761	0.07574	0.06629	0.06383	1.29E-04	6.8E-06	1.3E-07	7.1E-08	1.36E-04	1.58E-04	8.34E-06	1.30E-07	3.99E-08	1.66E-04	1.39E-04	6.4E-06	1.3E-07	4.1E-08	0.0001
1608	494611.06, 3858751.99	0.06732	0.07623	0.07446	0.06521	0.06276	1.27E-04	6.7E-06	1.3E-07	7E-08	1.33E-04	1.55E-04	8.19E-06	1.28E-07	3.93E-08	1.63E-04	1.37E-04	6.3E-06	1.2E-07	4.1E-08	0.0001
1609	494661.06, 3858751.99	0.06664	0.07544	0.07375	0.06483	0.06227	1.25E-04	6.6E-06	1.3E-07	7E-08	1.32E-04	1.53E-04	8.11E-06	1.27E-07	3.89E-08	1.62E-04	1.35E-04	6.2E-06	1.2E-07	4E-08	0.0001
1610	494711.06, 3858751.99	0.06502	0.07348	0.0719	0.06333	0.06078	1.22E-04	6.4E-06	1.3E-07	6.8E-08	1.29E-04	1.50E-04	7.90E-06	1.24E-07	3.80E-08	1.58E-04	1.32E-04	6.1E-06	1.2E-07	3.9E-08	0.0001
1611	494761.06, 3858751.99	0.0645	0.07279	0.07122	0.06267	0.06032	1.21E-04	6.4E-06	1.2E-07	6.7E-08	1.28E-04	1.49E-04	7.83E-06	1.23E-07	3.77E-08	1.57E-04	1.31E-04	6E-06	1.2E-07	3.9E-08	0.0001
1612	494811.06, 3858751.99	0.06308	0.07109	0.0696	0.06135	0.05903	1.19E-04	6.2E-06	1.2E-07	6.6E-08	1.25E-04	1.45E-04	7.64E-06	1.20E-07	3.69E-08	1.53E-04	1.28E-04	5.9E-06	1.2E-07	3.8E-08	0.0001
1613	494861.06, 3858751.99	0.06184	0.0696	0.06818	0.0602	0.05791	1.16E-04	6.1E-06	1.2E-07	6.5E-08	1.22E-04	1.42E-04	7.48E-06	1.18E-07	3.62E-08	1.50E-04	1.26E-04	5.8E-06	1.1E-07	3.7E-08	0.0001
1614	494911.06, 3858751.99	0.06047	0.06796	0.0666	0.0589	0.05668	1.14E-04	6E-06	1.2E-07	6.3E-08	1.20E-04	1.39E-04	7.31E-06	1.15E-07	3.55E-08	1.47E-04	1.23E-04	5.6E-06	1.1E-07	3.7E-08	0.0001
1615	494961.06, 3858751.99	0.05948	0.06678	0.06548	0.05799	0.0558	1.12E-04	5.9E-06	1.2E-07	6.2E-08	1.18E-04	1.37E-04	7.18E-06	1.14E-07	3.49E-08	1.44E-04	1.21E-04	5.5E-06	1.1E-07	3.6E-08	0.0001
1616	495011.06, 3858751.99	0.05881	0.06597	0.06472	0.05738	0.05515	1.11E-04	5.8E-06	1.1E-07	6.2E-08	1.16E-04	1.35E-04	7.09E-06	1.12E-07	3.45E-08	1.43E-04	1.19E-04	5.5E-06	1.1E-07	3.6E-08	0.0001
1617	495061.06, 3858751.99	0.05779	0.06476	0.06355	0.05642	0.05425	1.09E-04	5.7E-06	1.1E-07	6.1E-08	1.14E-04	1.33E-04	6.96E-06	1.11E-07	3.39E-08	1.40E-04	1.17E-04	5.4E-06	1.1E-07	3.5E-08	0.0001
1618	495111.06, 3858751.99	0.0566	0.06334	0.06218	0.05528	0.0532	1.06E-04	5.6E-06	1.1E-07	5.9E-08	1.12E-04	1.30E-04	6.81E-06	1.08E-07	3.33E-08	1.37E-04	1.15E-04	5.2E-06	1.1E-07	3.4E-08	0.0001
1619	495161.06, 3858751.99	0.05591	0.06252	0.0614	0.05465	0.05258	1.05E-04	5.5E-06	1.1E-07	5.9E-08	1.11E-04	1.29E-04	6.72E-06	1.07E-07	3.29E-08	1.36E-04	1.14E-04	5.2E-06	1E-07	3.4E-08	0.0001
1620	495211.06, 3858751.99	0.05503	0.06147	0.0604	0.05383	0.05181	1.03E-04	5.4E-06	1.1E-07	5.8E-08	1.09E-04	1.27E-04	6.61E-06	1.05E-07	3.24E-08	1.33E-04	1.12E-04	5.1E-06	1E-07	3.3E-08	0.0001
1621	495261.06, 3858751.99	0.05477	0.06114	0.06011	0.05362	0.05155	1.03E-04	5.4E-06	1.1E-07	5.8E-08	1.08E-04	1.26E-04	6.57E-06	1.05E-07	3.22E-08	1.33E-04	1.11E-04	5.1E-06	1E-07	3.3E-08	0.0001
1622	495311.06, 3858751.99	0.05457	0.06089	0.0599	0.05348	0.05135	1.03E-04	5.3E-06	1.1E-07	5.7E-08	1.08E-04	1.26E-04	6.55E-06	1.05E-07	3.21E-08	1.32E-04	1.11E-04	5E-06	1E-07	3.3E-08	0.0001
1623	495361.06, 3858751.99	0.05424	0.06047	0.05953	0.05319	0.05104	1.02E-04	5.3E-06	1.1E-07	5.7E-08	1.07E-04	1.25E-04	6.50E-06	1.04E-07	3.19E-08	1.32E-04	1.10E-04	5E-06	1E-07	3.3E-08	0.0001
1624	495411.06, 3858751.99	0.05423	0.06044	0.05954	0.05324	0.051	1.02E-04	5.3E-06	1.1E-07	5.7E-08	1.07E-04	1.25E-04	6.50E-06	1.04E-07	3.19E-08	1.32E-04	1.10E-04	5E-06	1E-07	3.3E-08	0.0001
1625	495461.06, 3858751.99	0.05396	0.0601	0.05924	0.05302	0.05074	1.01E-04	5.3E-06	1.1E-07	5.7E-08	1.07E-04	1.24E-04	6.46E-06	1.04E-07	3.17E-08	1.31E-04	1.10E-04	5E-06	1E-07	3.3E-08	0.0001
1626	495511.06, 3858751.99	0.05354	0.05958	0.05876	0.05264	0.05035	1.01E-04	5.2E-06	1E-07	5.6E-08	1.06E-04	1.23E-04	6.40E-06	1.03E-07	3.15E-08	1.30E-04	1.09E-04	4.9E-06	1E-07	3.3E-08	0.0001
1627	495561.06, 3858751.99	0.05305	0.05899	0.05821	0.0522	0.04991	9.97E-05	5.2E-06	1E-07	5.6E-08	1.05E-04	1.22E-04	6.34E-06	1.02E-07	3.12E-08	1.29E-04	1.08E-04	4.9E-06	9.9E-08	3.2E-08	0.0001
1628	495611.06, 3858751.99	0.05256	0.0584	0.05767	0.05176	0.04946	9.88E-05	5.1E-06	1E-07	5.5E-08	1.04E-04	1.21E-04	6.28E-06	1.01E-07	3.09E-08	1.27E-04	1.07E-04	4.8E-06	9.8E-08	3.2E-08	0.0001
1629	495661.06, 3858751.99	0.05218	0.05792	0.05723	0.05141	0.0491	9.81E-05	5.1E-06	1E-07	5.5E-08	1.03E-04	1.20E-04	6.23E-06	1.01E-07	3.07E-08	1.27E-04	1.06E-04	4.8E-06	9.8E-08	3.2E-08	0.0001
1630	494311.06, 3858801.99	0.06459	0.0732	0.07106	0.06193	0.06029	1.21E-04	6.4E-06	1.2E-07	6.7E-08	1.28E-04	1.49E-04	7.87E-06	1.21E-07	3.77E-08	1.57E-04	1.31E-04	6.1E-06	1.2E-07	3.9E-08	0.0001
1631	494361.06, 3858801.99	0.0687	0.07815	0.0759	0.06603	0.06401	1.29E-04	6.9E-06	1.3E-07	7.2E-08	1.36E-04	1.58E-04	8.40E-06	1.29E-07	4.00E-08	1.67E-04	1.39E-04	6.5E-06	1.3E-07	4.1E-08	0.0001
1632	494411.06, 3858801.99	0.06958	0.07919	0.07695	0.06697	0.06518	1.31E-04	6.9E-06	1.3E-07	7.3E-08	1.38E-04	1.60E-04	8.51E-06	1.31E-07	4.08E-08	1.69E-04	1.41E-04	6.5E-06	1.3E-07	4.2E-08	0.0001
1633	494461.06, 3858801.99	0.06993	0.07959	0.07739	0.0674	0.06533	1.31E-04	7E-06	1.3E-07	7.3E-08	1.39E-04	1.61E-04	8.56E-06	1.32E-07	4.09E-08	1.70E-04	1.42E-04	6.6E-06	1.3E-07	4.2E-08	0.0001
1634	494511.06, 3858801.99	0.07007	0.07967	0.07747	0.06741	0.06556	1.32E-04	7E-06	1.3E-07	7.3E-08	1.39E-04	1.61E-04	8.56E-06	1.32E-07	4.10E-08	1.70E-04	1.42E-04	6.6E-06	1.3E-07	4.2E-08	0.0001
1635	494561.06, 3858801.99	0.06969	0.07918	0.07706	0.06714	0.06523	1.31E-04	6.9E-06	1.3E-07	7.3E-08	1.38E-04	1.60E-04	8.51E-06	1.32E-07	4.08E-08	1.69E-04	1.41E-04	6.5E-06	1.3E-07	4.2E-08	0.0001
1636	494611.06, 3858801.99	0.06899	0.07833	0.0763	0.06657	0.06458	1.30E-04	6.9E-06	1.3E-07	7.2E-08	1.37E-04	1.59E-04	8.42E-06	1.30E-07	4.04E-08	1.67E-04	1.40E-04	6.5E-06	1.3E-07	4.2E-08	0.0001
1637	494661.06, 3858801.99	0.06785	0.07693	0.07502	0.06556	0.06342	1.28E-04	6.7E-06	1.3E-07	7.1E-08	1.34E-04	1.56E-04	8.27E-06	1.28E-07	3.97E-08	1.65E-04	1.38E-04	6.4E-06	1.2E-07	4.1E-08	0.0001
1638	494711.06, 3858801.99	0.06649	0.0753	0.0735	0.06435	0.06213	1.25E-04	6.6E-06	1.3E-07	6.9E-08	1.32E-04	1.53E-04	8.09E-06	1.26E-07	3.89E-08	1.61E-04	1.35E-04	6.2E-06	1.2E-07	4E-08	0.0001
1639	494761.06, 3858801.99	0.06492	0.07339	0.07171	0.0629	0.06065	1.22E-04	6.4E-06	1.2E-07	6.8E-08	1.29E-04	1.49E-04	7.89E-06	1.23E-07	3.79E-08	1.58E-04	1.32E-04	6.1E-06	1.2E-07	3.9E-08	0.0001
1640	494811.06, 3858801.99	0.06329	0.07144	0.06986	0.0614	0.05915	1.19E-04	6.3E-06	1.2E-07	6.6E-08	1.25E-04	1.46E-04	7.68E-06	1.20E-07	3.70E-08	1.54E-04	1.29E-04	5.9E-06	1.2E-07	3.8E-08	0.0001
1641	494861.06, 3858801.99	0.06243	0.0704	0.06888	0.06062	0.05836	1.17E-04	6.2E-06	1.2E-07	6.5E-08	1.24E-04	1.44E-04	7.57E-06	1.19E-07	3.65E-08	1.51E-04	1.27E-04	5.8E-06	1.2E-07	3.8E-08	0.0001
1642	494911.06, 3858801.99	0.06111	0.06883	0.06739	0.05941	0.05717	1.15E-04	6E-06	1.2E-07	6.4E-08	1.21E-04	1.41E-04	7.40E-06	1.16E-07	3.58E-08	1.48E-04	1.24E-04	5.7E-06	1.1E-07	3.7E-08	0.0001
1643	494961.06, 3858801.99	0.06015	0.06767	0.06629	0.05852	0.05629	1.13E-04	5.9E-06	1.2E-07	6.3E-08	1.19E-04	1.39E-04	7.27E-06	1.15E-07	3.52E-08	1.46E-04	1.22E-04	5.6E-06	1.1E-07	3.6E-08	0.0001
1644	495011.06, 3858801.99	0.05912	0.06645	0.06512	0.05758	0.05537	1.11E-04	5.8E-06	1.1E-07	6.2E-08	1.17E-04	1.36E-04	7.14E-06	1.13E-07	3.46E-08	1.43E-04	1.20E-04	5.5E-06	1.1E-07	3.6E-08	0.0001
1645	495061.06, 3858801.99	0.05847	0.06566	0.06438	0.057	0.05478	1.10E-04	5.8E-06	1.1E-07	6.1E-08	1.16E-04	1.35E-04	7.06E-06	1.12E-07	3.43E-08	1.42E-04	1.19E-04	5.4E-06	1.1E-07	3.5E-08	0.0001
1646	495111.06, 3858801.99	0.05716	0.0641	0.06288	0.05575	0.05359	1.07E-04	5.6E-06	1.1E-07	6E-08	1.13E-04	1.32E-04	6.89E-06	1.09E-07	3.35E-08	1.39E-04	1.16E-04	5.3E-06	1.1E-07	3.5E-08	0.0001
1647	495161.06, 3858801.99	0.0562	0.06297	0.06179	0.05486	0.05274	1.06E-04	5.5E-06	1.1E-07	5.9E-08	1.11E-04	1.29E-04	6.77E-06	1.07E-07	3.30E-08	1.36E-04	1.14E-04	5.2E-06	1E-07	3.4E-08	0.0001
1648	495211.06, 3858801.99	0.05569	0.06235	0.06121	0.0544	0.05227	1.05E-04	5.5E-06	1.1E-07	5.8E-08	1.10E-04	1.28E-04	6.70E-06	1.07E-07	3.27E-08	1.35E-04	1.13E-04	5.2E-06	1E-07	3.4E-08	0.0001
1649	495261.06, 3858801.99	0.05546	0.06206	0.06096	0.05423	0.05204	1.04E-04	5.4E-06	1.1E-07	5.8E-08	1.10E-04	1.28E-04	6.67E-06	1.06E-07	3.25E-08	1.35E-04	1.13E-04	5.1E-06	1E-07	3.4E-08	0.0001
1650	495311.06, 3858801.99	0.05532	0.06188	0.06082	0.05415	0.05189	1.04E-04	5.4E-06	1.1E-07	5.8E-08	1.10E-04	1.27E-04	6.65E-06	1.06E-07	3.25E-08	1.34E-04	1.12E-04	5.1E-06	1E-07	3.4E-08	0.0001
1651	495361.06, 3858801.99	0.05502	0.06151	0.06049	0.0539	0.05161	1.03E-04	5.4E-06	1.1E-07	5.8E-08	1.09E-04	1.27E-04	6.61E-06	1.06E-07	3.23E-08	1.33E-04	1.12E-04	5.1E-06	1E-07	3.3E-08	0.0001
1652	495411.06, 3858801.99	0.05516	0.06165	0.06066	0.0541	0.05171	1.04E-04	5.4E-06	1.1E-07	5.8E-08	1.09E-04	1.27E-04	6.63E-06	1.06E-07	3.23E-08	1.34E-04	1.12E-04	5.1E-06	1E-07	3.3E-08	0.0001
1653	495461.06, 3858801.99	0.05482	0.06124	0.06029	0.05381	0.05139	1.03E-04	5.4E-06	1.1E-07	5.7E-08	1.09E-04	1.26E-04	6.58E-06	1.05E-07	3.21E-08	1.33E-04	1.11E-04	5.1E-06	1E-07	3.3E-08	0.0001
1654	495511.06, 3858801.99	0.05432	0.06063	0.05972	0.05336	0.05093	1.02E-04	5.3E-06	1.1E-07	5.7E-08	1.08E-04	1.25E-04	6.52E-06	1.05E-07	3.19E-08	1.32E-04	1.10E-04	5E-06	1E-07	3.3E-08	0.0001
1655	495561.06, 3858801.99	0.05392	0.06013	0.05927	0.053	0.05056	1.01E-04	5.3E-06	1.1E-07	5.6E-08	1.07E-04	1.24E-04	6.46E-06	1.04E-07	3.16E-08	1.31E-04	1.09E-04	5E-06	1E-07	3.3E-08	0.0001
1656	495611.06, 3858801.99	0.0533	0.05939	0.05856	0.05242	0.05	1.00E-04	5.2E-06	1E-07	5.6E-08	1.06E-04	1.23E-04	6.38E-06	1.03E-07	3.13E-08	1.29E-04	1.08E-04	4.9E-06	1E-07	3.2E-08	0.0001
1657	495661.06, 3858801.99	0.05301	0.05903	0.05824	0.05218	0.04973	9.96E-05	5.2E-06	1E-07	5.6E-08	1.05E-04	1.22E-04	6.35E-06	1.02E-07	3.11E-08	1.29E-04	1.08E-04	4.9E-06	9.9E-08	3.2E-08	0.0001
1658	494311.06, 3858851.99	0.06892	0.07848	0.07604	0.06589	0.06412	1.30E-04	6.9E-06	1.3E-07	7.2E-08	1.37E-04	1.59E-04	8.44E-06	1.29E-07	4.01E-08	1.67E-04	1.40E-04	6.5E-06	1.3E-07	4.1E-08	0.0001
1659	494361.06, 3858851.99	0.07111	0.08114	0.07858	0.06804	0.06636	1.34E-04	7.1E-06	1.4E-07	7.4E-08	1.41E-04	1.64E-04	8.72E-06	1.33E-07	4.15E-08	1.73E-04	1.44E-04	6.7E-06	1.3E-07	4.3E-08	0.0002
1660	494411.06, 3858851.99	0.07082	0.08078	0.07829	0.06787	0.06615	1.33E-04	7.1E-06	1.3E-07	7.4E-08	1.40E-04	1.63E-04	8.68E-06	1.33E-07	4.14E-08	1.72E-04	1.44E-04	6.7E-06	1.3E-07	4.3E-08	0.0002

1661	494461.06, 3858851.99	0.07085	0.0808	0.07836	0.06799	0.06626	1.33E-04	7.1E-06	1.3E-07	7.4E-08	1.40E-04	1.63E-04	8.69E-06	1.33E-07	4.14E-08	1.72E-04	1.44E-04	6.7E-06	1.3E-07	4.3E-08	0.0002
1662	494511.06, 3858851.99	0.07069	0.08051	0.07809	0.06773	0.06621	1.33E-04	7.1E-06	1.3E-07	7.4E-08	1.40E-04	1.63E-04	8.66E-06	1.33E-07	4.14E-08	1.72E-04	1.44E-04	6.7E-06	1.3E-07	4.3E-08	0.0002
1663	494561.06, 3858851.99	0.07019	0.07989	0.07756	0.06735	0.06576	1.32E-04	7E-06	1.3E-07	7.3E-08	1.39E-04	1.62E-04	8.59E-06	1.32E-07	4.11E-08	1.70E-04	1.43E-04	6.6E-06	1.3E-07	4.2E-08	0.0001
1664	494611.06, 3858851.99	0.06933	0.07884	0.07662	0.06664	0.06493	1.30E-04	6.9E-06	1.3E-07	7.3E-08	1.37E-04	1.60E-04	8.48E-06	1.31E-07	4.06E-08	1.68E-04	1.41E-04	6.5E-06	1.3E-07	4.2E-08	0.0001
1665	494661.06, 3858851.99	0.06824	0.07752	0.07542	0.06571	0.06388	1.28E-04	6.8E-06	1.3E-07	7.1E-08	1.35E-04	1.57E-04	8.33E-06	1.29E-07	4.00E-08	1.66E-04	1.39E-04	6.4E-06	1.2E-07	4.1E-08	0.0001
1666	494711.06, 3858851.99	0.06668	0.07562	0.07367	0.06431	0.06235	1.25E-04	6.6E-06	1.3E-07	7E-08	1.32E-04	1.54E-04	8.13E-06	1.26E-07	3.90E-08	1.62E-04	1.35E-04	6.3E-06	1.2E-07	4E-08	0.0001
1667	494761.06, 3858851.99	0.06517	0.0738	0.07198	0.06295	0.06085	1.22E-04	6.5E-06	1.2E-07	6.8E-08	1.29E-04	1.50E-04	7.93E-06	1.23E-07	3.81E-08	1.58E-04	1.32E-04	6.1E-06	1.2E-07	3.9E-08	0.0001
1668	494811.06, 3858851.99	0.06391	0.07228	0.07057	0.06182	0.05967	1.20E-04	6.3E-06	1.2E-07	6.7E-08	1.27E-04	1.47E-04	7.77E-06	1.21E-07	3.73E-08	1.55E-04	1.30E-04	6E-06	1.2E-07	3.9E-08	0.0001
1669	494861.06, 3858851.99	0.06308	0.07128	0.06964	0.0611	0.05891	1.19E-04	6.3E-06	1.2E-07	6.6E-08	1.25E-04	1.45E-04	7.66E-06	1.20E-07	3.68E-08	1.53E-04	1.28E-04	5.9E-06	1.2E-07	3.8E-08	0.0001
1670	494911.06, 3858851.99	0.06192	0.06988	0.06833	0.06004	0.05783	1.16E-04	6.1E-06	1.2E-07	6.5E-08	1.23E-04	1.43E-04	7.51E-06	1.18E-07	3.62E-08	1.50E-04	1.26E-04	5.8E-06	1.1E-07	3.7E-08	0.0001
1671	494961.06, 3858851.99	0.0609	0.06866	0.06718	0.05912	0.05691	1.14E-04	6E-06	1.2E-07	6.4E-08	1.21E-04	1.40E-04	7.38E-06	1.16E-07	3.56E-08	1.48E-04	1.24E-04	5.7E-06	1.1E-07	3.7E-08	0.0001
1672	495011.06, 3858851.99	0.06008	0.06768	0.06626	0.05839	0.05616	1.13E-04	5.9E-06	1.2E-07	6.3E-08	1.19E-04	1.38E-04	7.28E-06	1.14E-07	3.51E-08	1.46E-04	1.22E-04	5.6E-06	1.1E-07	3.6E-08	0.0001
1673	495061.06, 3858851.99	0.05911	0.06651	0.06515	0.0575	0.05527	1.11E-04	5.8E-06	1.1E-07	6.2E-08	1.17E-04	1.36E-04	7.15E-06	1.13E-07	3.46E-08	1.43E-04	1.20E-04	5.5E-06	1.1E-07	3.6E-08	0.0001
1674	495111.06, 3858851.99	0.05734	0.06442	0.06312	0.05582	0.0537	1.08E-04	5.7E-06	1.1E-07	6E-08	1.14E-04	1.32E-04	6.93E-06	1.09E-07	3.36E-08	1.39E-04	1.16E-04	5.3E-06	1.1E-07	3.5E-08	0.0001
1675	495161.06, 3858851.99	0.05642	0.06332	0.06207	0.05497	0.05284	1.06E-04	5.6E-06	1.1E-07	5.9E-08	1.12E-04	1.30E-04	6.81E-06	1.08E-07	3.30E-08	1.37E-04	1.15E-04	5.2E-06	1E-07	3.4E-08	0.0001
1676	495211.06, 3858851.99	0.05646	0.06335	0.06214	0.05507	0.05285	1.06E-04	5.6E-06	1.1E-07	5.9E-08	1.12E-04	1.30E-04	6.81E-06	1.08E-07	3.31E-08	1.37E-04	1.15E-04	5.2E-06	1E-07	3.4E-08	0.0001
1677	495261.06, 3858851.99	0.05621	0.06303	0.06187	0.05488	0.05261	1.06E-04	5.5E-06	1.1E-07	5.9E-08	1.11E-04	1.29E-04	6.78E-06	1.08E-07	3.29E-08	1.36E-04	1.14E-04	5.2E-06	1E-07	3.4E-08	0.0001
1678	495311.06, 3858851.99	0.05614	0.06294	0.06181	0.05487	0.05257	1.05E-04	5.5E-06	1.1E-07	5.9E-08	1.11E-04	1.29E-04	6.77E-06	1.07E-07	3.29E-08	1.36E-04	1.14E-04	5.2E-06	1E-07	3.4E-08	0.0001
1679	495361.06, 3858851.99	0.05594	0.06269	0.06159	0.05473	0.05237	1.05E-04	5.5E-06	1.1E-07	5.9E-08	1.11E-04	1.29E-04	6.74E-06	1.07E-07	3.28E-08	1.36E-04	1.14E-04	5.2E-06	1E-07	3.4E-08	0.0001
1680	495411.06, 3858851.99	0.05574	0.06244	0.06138	0.05459	0.05218	1.05E-04	5.5E-06	1.1E-07	5.8E-08	1.10E-04	1.28E-04	6.71E-06	1.07E-07	3.26E-08	1.35E-04	1.13E-04	5.2E-06	1E-07	3.4E-08	0.0001
1681	495461.06, 3858851.99	0.0556	0.06225	0.06123	0.0545	0.05203	1.04E-04	5.5E-06	1.1E-07	5.8E-08	1.10E-04	1.28E-04	6.69E-06	1.07E-07	3.25E-08	1.35E-04	1.13E-04	5.1E-06	1E-07	3.4E-08	0.0001
1682	495511.06, 3858851.99	0.05532	0.06193	0.06097	0.05433	0.05164	1.04E-04	5.4E-06	1.1E-07	5.8E-08	1.10E-04	1.27E-04	6.66E-06	1.06E-07	3.23E-08	1.34E-04	1.12E-04	5.1E-06	1E-07	3.3E-08	0.0001
1683	495561.06, 3858851.99	0.05443	0.06085	0.05991	0.05344	0.05094	1.02E-04	5.3E-06	1.1E-07	5.7E-08	1.08E-04	1.25E-04	6.54E-06	1.05E-07	3.19E-08	1.32E-04	1.11E-04	5E-06	1E-07	3.3E-08	0.0001
1684	495611.06, 3858851.99	0.05378	0.06006	0.05916	0.05282	0.05034	1.01E-04	5.3E-06	1E-07	5.6E-08	1.06E-04	1.24E-04	6.46E-06	1.03E-07	3.15E-08	1.30E-04	1.09E-04	5E-06	1E-07	3.3E-08	0.0001
1685	495661.06, 3858851.99	0.05363	0.05986	0.059	0.05272	0.05019	1.01E-04	5.3E-06	1E-07	5.6E-08	1.06E-04	1.23E-04	6.44E-06	1.03E-07	3.14E-08	1.30E-04	1.09E-04	5E-06	1E-07	3.2E-08	0.0001
1686	494311.06, 3858901.99	0.07041	0.08029	0.07765	0.06704	0.06553	1.32E-04	7E-06	1.3E-07	7.3E-08	1.40E-04	1.62E-04	8.63E-06	1.31E-07	4.10E-08	1.71E-04	1.43E-04	6.6E-06	1.3E-07	4.2E-08	0.0001
1687	494361.06, 3858901.99	0.07193	0.08214	0.07938	0.06851	0.06724	1.35E-04	7.2E-06	1.4E-07	7.5E-08	1.43E-04	1.66E-04	8.83E-06	1.34E-07	4.21E-08	1.75E-04	1.46E-04	6.8E-06	1.3E-07	4.3E-08	0.0002
1688	494411.06, 3858901.99	0.07193	0.08215	0.07941	0.0686	0.06735	1.35E-04	7.2E-06	1.4E-07	7.5E-08	1.43E-04	1.66E-04	8.83E-06	1.34E-07	4.21E-08	1.75E-04	1.46E-04	6.8E-06	1.3E-07	4.4E-08	0.0002
1689	494461.06, 3858901.99	0.07199	0.08213	0.07938	0.06855	0.06757	1.35E-04	7.2E-06	1.4E-07	7.5E-08	1.43E-04	1.66E-04	8.83E-06	1.34E-07	4.23E-08	1.75E-04	1.46E-04	6.8E-06	1.3E-07	4.4E-08	0.0002
1690	494511.06, 3858901.99	0.07178	0.08187	0.07918	0.06845	0.06746	1.35E-04	7.2E-06	1.4E-07	7.5E-08	1.42E-04	1.65E-04	8.80E-06	1.34E-07	4.22E-08	1.74E-04	1.46E-04	6.8E-06	1.3E-07	4.4E-08	0.0002
1691	494561.06, 3858901.99	0.07091	0.08083	0.07825	0.06774	0.0666	1.33E-04	7.1E-06	1.3E-07	7.4E-08	1.41E-04	1.63E-04	8.69E-06	1.33E-07	4.17E-08	1.72E-04	1.44E-04	6.7E-06	1.3E-07	4.3E-08	0.0002
1692	494611.06, 3858901.99	0.06941	0.07902	0.07662	0.06646	0.06506	1.30E-04	6.9E-06	1.3E-07	7.3E-08	1.38E-04	1.60E-04	8.49E-06	1.30E-07	4.07E-08	1.69E-04	1.41E-04	6.5E-06	1.3E-07	4.2E-08	0.0001
1693	494661.06, 3858901.99	0.06857	0.078	0.07571	0.06576	0.06424	1.29E-04	6.8E-06	1.3E-07	7.2E-08	1.36E-04	1.58E-04	8.39E-06	1.29E-07	4.02E-08	1.66E-04	1.39E-04	6.5E-06	1.3E-07	4.1E-08	0.0001
1694	494711.06, 3858901.99	0.06718	0.07631	0.07417	0.06454	0.06285	1.26E-04	6.7E-06	1.3E-07	7E-08	1.33E-04	1.55E-04	8.20E-06	1.26E-07	3.93E-08	1.63E-04	1.36E-04	6.3E-06	1.2E-07	4.1E-08	0.0001
1695	494761.06, 3858901.99	0.06552	0.07431	0.07233	0.06306	0.06122	1.23E-04	6.5E-06	1.3E-07	6.8E-08	1.30E-04	1.51E-04	7.99E-06	1.24E-07	3.83E-08	1.59E-04	1.33E-04	6.1E-06	1.2E-07	4E-08	0.0001
1696	494811.06, 3858901.99	0.06453	0.07312	0.07124	0.06221	0.06023	1.21E-04	6.4E-06	1.2E-07	6.7E-08	1.28E-04	1.49E-04	7.86E-06	1.22E-07	3.77E-08	1.57E-04	1.31E-04	6E-06	1.2E-07	3.9E-08	0.0001
1697	494861.06, 3858901.99	0.06378	0.07221	0.07041	0.06158	0.05954	1.20E-04	6.3E-06	1.2E-07	6.7E-08	1.26E-04	1.47E-04	7.76E-06	1.21E-07	3.72E-08	1.55E-04	1.29E-04	6E-06	1.2E-07	3.8E-08	0.0001
1698	494911.06, 3858901.99	0.06216	0.07026	0.06858	0.06009	0.058	1.17E-04	6.2E-06	1.2E-07	6.5E-08	1.23E-04	1.43E-04	7.55E-06	1.18E-07	3.63E-08	1.51E-04	1.26E-04	5.8E-06	1.1E-07	3.7E-08	0.0001
1699	494961.06, 3858901.99	0.06127	0.06919	0.06759	0.05931	0.05718	1.15E-04	6.1E-06	1.2E-07	6.4E-08	1.21E-04	1.41E-04	7.44E-06	1.16E-07	3.58E-08	1.49E-04	1.24E-04	5.7E-06	1.1E-07	3.7E-08	0.0001
1700	495011.06, 3858901.99	0.0604	0.06815	0.06662	0.05854	0.05639	1.14E-04	6E-06	1.2E-07	6.3E-08	1.20E-04	1.39E-04	7.33E-06	1.15E-07	3.53E-08	1.47E-04	1.23E-04	5.6E-06	1.1E-07	3.6E-08	0.0001
1701	495061.06, 3858901.99	0.05915	0.06665	0.0652	0.05739	0.05525	1.11E-04	5.8E-06	1.1E-07	6.2E-08	1.17E-04	1.36E-04	7.17E-06	1.12E-07	3.46E-08	1.44E-04	1.20E-04	5.5E-06	1.1E-07	3.6E-08	0.0001
1702	495111.06, 3858901.99	0.05738	0.06455	0.06317	0.05572	0.05365	1.08E-04	5.7E-06	1.1E-07	6E-08	1.14E-04	1.32E-04	6.94E-06	1.09E-07	3.36E-08	1.39E-04	1.17E-04	5.3E-06	1.1E-07	3.5E-08	0.0001
1703	495161.06, 3858901.99	0.05685	0.06391	0.06259	0.05526	0.05317	1.07E-04	5.6E-06	1.1E-07	5.9E-08	1.13E-04	1.31E-04	6.87E-06	1.08E-07	3.33E-08	1.38E-04	1.15E-04	5.3E-06	1.1E-07	3.4E-08	0.0001
1704	495211.06, 3858901.99	0.05717	0.06427	0.06298	0.05565	0.05344	1.07E-04	5.6E-06	1.1E-07	6E-08	1.13E-04	1.32E-04	6.91E-06	1.09E-07	3.34E-08	1.39E-04	1.16E-04	5.3E-06	1.1E-07	3.5E-08	0.0001
1705	495261.06, 3858901.99	0.05704	0.06411	0.06286	0.05559	0.05332	1.07E-04	5.6E-06	1.1E-07	6E-08	1.13E-04	1.31E-04	6.89E-06	1.09E-07	3.33E-08	1.38E-04	1.16E-04	5.3E-06	1.1E-07	3.4E-08	0.0001
1706	495311.06, 3858901.99	0.05677	0.06377	0.06256	0.05538	0.05306	1.07E-04	5.6E-06	1.1E-07	5.9E-08	1.12E-04	1.31E-04	6.86E-06	1.08E-07	3.32E-08	1.38E-04	1.15E-04	5.3E-06	1.1E-07	3.4E-08	0.0001
1707	495361.06, 3858901.99	0.05654	0.0635	0.06232	0.05522	0.05285	1.06E-04	5.6E-06	1.1E-07	5.9E-08	1.12E-04	1.30E-04	6.83E-06	1.08E-07	3.31E-08	1.37E-04	1.15E-04	5.3E-06	1.1E-07	3.4E-08	0.0001
1708	495411.06, 3858901.99	0.05656	0.0635	0.06236	0.0553	0.05286	1.06E-04	5.6E-06	1.1E-07	5.9E-08	1.12E-04	1.30E-04	6.83E-06	1.08E-07	3.31E-08	1.37E-04	1.15E-04	5.3E-06	1.1E-07	3.4E-08	0.0001
1709	495461.06, 3858901.99	0.05619	0.06305	0.06195	0.05499	0.05251	1.06E-04	5.5E-06	1.1E-07	5.9E-08	1.11E-04	1.29E-04	6.78E-06	1.08E-07	3.28E-08	1.36E-04	1.14E-04	5.2E-06	1E-07	3.4E-08	0.0001
1710	495511.06, 3858901.99	0.0556	0.06234	0.06128	0.05446	0.05197	1.04E-04	5.5E-06	1.1E-07	5.8E-08	1.10E-04	1.28E-04	6.70E-06	1.07E-07	3.25E-08	1.35E-04	1.13E-04	5.2E-06	1E-07	3.4E-08	0.0001
1711	495561.06, 3858901.99	0.05513	0.06177	0.06075	0.05404	0.05154	1.04E-04	5.4E-06	1.1E-07	5.8E-08	1.09E-04	1.27E-04	6.64E-06	1.06E-07	3.22E-08	1.34E-04	1.12E-04	5.1E-06	1E-07	3.3E-08	0.0001
1712	495611.06, 3858901.99	0.05448	0.06099	0.06001	0.05344	0.05094	1.02E-04	5.4E-06	1.1E-07	5.7E-08	1.08E-04	1.25E-04	6.56E-06	1.05E-07	3.19E-08	1.32E-04	1.11E-04	5E-06	1E-07	3.3E-08	0.0001
1713	495661.06, 3858901.99	0.0544	0.06087	0.05993	0.05341	0.05086	1.02E-04	5.3E-06	1.1E-07	5.7E-08	1.08E-04	1.25E-04	6.54E-06	1.05E-07	3.18E-08	1.32E-04	1.10E-04	5E-06	1E-07	3.3E-08	0.0001
1714	494311.06, 3858951.99	0.07267	0.08288	0.08001	0.06882	0.068	1.37E-04	7.3E-06	1.4E-07	7.6E-08	1.44E-04	1.67E-04	8.91E-06	1.35E-07	4.25E-08	1.76E-04	1.48E-04	6.9E-06	1.3E-07	4.4E-08	0.0002
1715	494361.06, 3858951.99	0.07313	0.08347	0.08053	0.06929	0.06868	1.37E-04	7.3E-06	1.4E-07	7.7E-08	1.45E-04	1.68E-04	8.97E-06	1.36E-07	4.30E-08	1.78E-04	1.48E-04	6.9E-06	1.3E-07	4.4E-08	0.0002
1716	494411.06, 3858951.99	0.0725	0.08276	0.07988	0.06882	0.06809	1.36E-04	7.3E-06	1.4E-07	7.6E-08	1.44E-04	1.67E-04	8.90E-06	1.35E-07	4.26E-08	1.76E-04	1.47E-04	6.8E-06	1.3E-07	4.4E-08	0.0002
1717	494461.06, 3858951.99	0.07259	0.0828	0.07988	0.0688	0.06839	1.36E-04	7.3E-06	1.4E-07	7.6E-08	1.44E-04	1.67E-04	8.90E-06	1.35E-07	4.28E-08	1.76E-04	1.47E-04	6.8E-06	1.3E-07	4.4E-08	0.0002
1718	494511.06, 3858951.99	0.0721	0.08223	0.07937	0.06845	0.06796	1.35E-04	7.2E-06	1.4E-07	7.6E-08	1.43E-04	1.66E-04	8.84E-06	1.34E-07	4.25E-08	1.75E-04	1.46E-04	6.8E-06	1.3E-07	4.4E-08	0.0002
1719	494561.06, 3858951.99	0.07127	0.08125	0.0785	0.06778	0.06712	1.34E-04	7.1E-06	1.3E-07	7.5E-08	1.41E-04	1.64E-04	8.73E-06	1.33E-07	4.20E-08	1.73E-04	1.45E-04	6.7E-06	1.3E-07	4.3E-08	0.0002
1720	494611.06, 3858951.99	0.07005	0.0798	0.07719	0.06676	0.06583	1.32E-04	7E-06	1.3E-07	7.4E-08	1.39E-04	1.61E-04	8.58E-06	1.31E-07	4.12E-08	1.70E-04	1.42E-04	6.6E-06	1.3E-07	4.3E-08	0.0001
1721	494661.06, 3858951.99	0.06891	0.07844	0.07597	0.06581	0.06466	1.29E-04	6.9E-06	1.3E-07	7.2E-08	1.37E-04	1.59E-04	8.43E-06	1.29E-07	4.04E-08	1.67E-04	1.40E-04	6.5E-06	1.3E-07	4.2E-08	0.0001
1722	494711.06, 3858951.99	0.06729	0.07649	0.0742	0.0644	0.06298	1.26E-04	6.7E-06	1.3E-07	7E-08	1.33E-04	1.55E-04	8.22E-06	1.26E-07	3.94E-08	1.63E-04	1.37E-04	6.3E-06	1.2E-07	4.1E-08	0.0001
1723	494761.06, 3858951.99	0.06608	0.07504	0.07288	0.06336	0.06179	1.24E-04	6.6E-06	1.3E-07	6.9E-08	1.31E-04	1.52E-04	8.07E-06	1.24E-07	3.86E-08	1.60E-04	1.34E-04	6.2E-06	1.2E-07	4E-08	0.0001
1724	494811.06, 3858951.99	0.06523	0.07402	0.07196	0.06265	0.06098	1.23E-04	6.5E-06	1.2E-07	6.8E-08	1.29E-04	1.50E-04	7.96E-06	1.23E-07	3.81E-08	1.58E-04	1.32E-04	6.1E-06	1.2E-07	3.9E-08	0.0001

1725	494861.06, 3858951.99	0.06439	0.073	0.07104	0.06193	0.06017	1.21E-04	6.4E-06	1.2E-07	6.7E-08	1.28E-04	1.48E-04	7.85E-06	1.21E-07	3.76E-08	1.56E-04	1.31E-04	6E-06	1.2E-07	3.9E-08	0.0001
1726	494911.06, 3858951.99	0.06315	0.07152	0.06967	0.06084	0.05892	1.19E-04	6.3E-06	1.2E-07	6.6E-08	1.25E-04	1.45E-04	7.69E-06	1.19E-07	3.69E-08	1.53E-04	1.28E-04	5.9E-06	1.2E-07	3.8E-08	0.0001
1727	494961.06, 3858951.99	0.06251	0.07075	0.06897	0.06032	0.05833	1.17E-04	6.2E-06	1.2E-07	6.5E-08	1.24E-04	1.44E-04	7.61E-06	1.18E-07	3.65E-08	1.52E-04	1.27E-04	5.9E-06	1.1E-07	3.8E-08	0.0001
1728	495011.06, 3858951.99	0.0606	0.06846	0.06682	0.05856	0.05652	1.14E-04	6E-06	1.2E-07	6.3E-08	1.20E-04	1.40E-04	7.36E-06	1.15E-07	3.53E-08	1.47E-04	1.23E-04	5.7E-06	1.1E-07	3.7E-08	0.0001
1729	495061.06, 3858951.99	0.05879	0.06631	0.06477	0.05688	0.05485	1.10E-04	5.8E-06	1.1E-07	6.1E-08	1.16E-04	1.35E-04	7.13E-06	1.11E-07	3.43E-08	1.43E-04	1.19E-04	5.5E-06	1.1E-07	3.5E-08	0.0001
1730	495111.06, 3858951.99	0.05742	0.06467	0.06322	0.05561	0.05361	1.08E-04	5.7E-06	1.1E-07	6E-08	1.14E-04	1.32E-04	6.95E-06	1.09E-07	3.35E-08	1.39E-04	1.17E-04	5.3E-06	1.1E-07	3.5E-08	0.0001
1731	495161.06, 3858951.99	0.05799	0.06534	0.06391	0.05625	0.05413	1.09E-04	5.7E-06	1.1E-07	6E-08	1.15E-04	1.34E-04	7.02E-06	1.10E-07	3.39E-08	1.41E-04	1.18E-04	5.4E-06	1.1E-07	3.5E-08	0.0001
1732	495211.06, 3858951.99	0.0579	0.06522	0.06383	0.05623	0.05405	1.09E-04	5.7E-06	1.1E-07	6E-08	1.15E-04	1.33E-04	7.01E-06	1.10E-07	3.38E-08	1.40E-04	1.18E-04	5.4E-06	1.1E-07	3.5E-08	0.0001
1733	495261.06, 3858951.99	0.05779	0.06508	0.06372	0.05619	0.05395	1.09E-04	5.7E-06	1.1E-07	6E-08	1.14E-04	1.33E-04	7.00E-06	1.10E-07	3.37E-08	1.40E-04	1.17E-04	5.4E-06	1.1E-07	3.5E-08	0.0001
1734	495311.06, 3858951.99	0.05711	0.06427	0.06297	0.05559	0.05333	1.07E-04	5.6E-06	1.1E-07	6E-08	1.13E-04	1.32E-04	6.91E-06	1.09E-07	3.34E-08	1.39E-04	1.16E-04	5.3E-06	1.1E-07	3.4E-08	0.0001
1735	495361.06, 3858951.99	0.05708	0.06422	0.06295	0.05562	0.0533	1.07E-04	5.6E-06	1.1E-07	6E-08	1.13E-04	1.31E-04	6.90E-06	1.09E-07	3.33E-08	1.38E-04	1.16E-04	5.3E-06	1.1E-07	3.4E-08	0.0001
1736	495411.06, 3858951.99	0.05714	0.06428	0.06305	0.05575	0.05337	1.07E-04	5.6E-06	1.1E-07	6E-08	1.13E-04	1.32E-04	6.91E-06	1.09E-07	3.34E-08	1.39E-04	1.16E-04	5.3E-06	1.1E-07	3.4E-08	0.0001
1737	495461.06, 3858951.99	0.05685	0.06393	0.06274	0.05553	0.0531	1.07E-04	5.6E-06	1.1E-07	5.9E-08	1.13E-04	1.31E-04	6.87E-06	1.09E-07	3.32E-08	1.38E-04	1.15E-04	5.3E-06	1.1E-07	3.4E-08	0.0001
1738	495511.06, 3858951.99	0.05677	0.06382	0.06266	0.0555	0.05303	1.07E-04	5.6E-06	1.1E-07	5.9E-08	1.12E-04	1.31E-04	6.86E-06	1.09E-07	3.32E-08	1.38E-04	1.15E-04	5.3E-06	1.1E-07	3.4E-08	0.0001
1739	495561.06, 3858951.99	0.0558	0.06266	0.06156	0.0546	0.05212	1.05E-04	5.5E-06	1.1E-07	5.8E-08	1.11E-04	1.28E-04	6.74E-06	1.07E-07	3.26E-08	1.35E-04	1.13E-04	5.2E-06	1E-07	3.4E-08	0.0001
1740	495611.06, 3858951.99	0.05523	0.06197	0.06091	0.05409	0.05159	1.04E-04	5.4E-06	1.1E-07	5.8E-08	1.09E-04	1.27E-04	6.66E-06	1.06E-07	3.23E-08	1.34E-04	1.12E-04	5.1E-06	1E-07	3.3E-08	0.0001
1741	495661.06, 3858951.99	0.05518	0.06189	0.06087	0.05409	0.05154	1.04E-04	5.4E-06	1.1E-07	5.8E-08	1.09E-04	1.27E-04	6.65E-06	1.06E-07	3.22E-08	1.34E-04	1.12E-04	5.1E-06	1E-07	3.3E-08	0.0001
1742	494311.06, 3859001.99	0.07394	0.08412	0.08117	0.06964	0.06967	1.39E-04	7.4E-06	1.4E-07	7.8E-08	1.47E-04	1.70E-04	9.04E-06	1.36E-07	4.36E-08	1.79E-04	1.50E-04	7E-06	1.3E-07	4.5E-08	0.0002
1743	494361.06, 3859001.99	0.07373	0.08393	0.08096	0.06951	0.06959	1.39E-04	7.4E-06	1.4E-07	7.8E-08	1.46E-04	1.70E-04	9.02E-06	1.36E-07	4.35E-08	1.79E-04	1.50E-04	6.9E-06	1.3E-07	4.5E-08	0.0002
1744	494411.06, 3859001.99	0.07349	0.08362	0.08061	0.06922	0.06952	1.38E-04	7.3E-06	1.4E-07	7.8E-08	1.46E-04	1.69E-04	8.99E-06	1.36E-07	4.35E-08	1.78E-04	1.49E-04	6.9E-06	1.3E-07	4.5E-08	0.0002
1745	494461.06, 3859001.99	0.07305	0.08315	0.08016	0.0689	0.06915	1.37E-04	7.3E-06	1.4E-07	7.7E-08	1.45E-04	1.68E-04	8.94E-06	1.35E-07	4.32E-08	1.77E-04	1.48E-04	6.9E-06	1.3E-07	4.5E-08	0.0002
1746	494511.06, 3859001.99	0.07259	0.08266	0.0797	0.06857	0.06875	1.36E-04	7.3E-06	1.4E-07	7.7E-08	1.44E-04	1.67E-04	8.89E-06	1.34E-07	4.30E-08	1.76E-04	1.47E-04	6.8E-06	1.3E-07	4.4E-08	0.0002
1747	494561.06, 3859001.99	0.07145	0.08135	0.07851	0.06765	0.06749	1.34E-04	7.1E-06	1.3E-07	7.5E-08	1.42E-04	1.65E-04	8.75E-06	1.33E-07	4.22E-08	1.73E-04	1.45E-04	6.7E-06	1.3E-07	4.4E-08	0.0002
1748	494611.06, 3859001.99	0.07039	0.08011	0.07739	0.06679	0.06635	1.32E-04	7E-06	1.3E-07	7.4E-08	1.40E-04	1.62E-04	8.61E-06	1.31E-07	4.15E-08	1.71E-04	1.43E-04	6.6E-06	1.3E-07	4.3E-08	0.0001
1749	494661.06, 3859001.99	0.06908	0.07858	0.07601	0.06569	0.06493	1.30E-04	6.9E-06	1.3E-07	7.3E-08	1.37E-04	1.59E-04	8.45E-06	1.29E-07	4.06E-08	1.68E-04	1.40E-04	6.5E-06	1.2E-07	4.2E-08	0.0001
1750	494711.06, 3859001.99	0.06753	0.07675	0.07434	0.06437	0.06328	1.27E-04	6.7E-06	1.3E-07	7.1E-08	1.34E-04	1.56E-04	8.25E-06	1.26E-07	3.96E-08	1.64E-04	1.37E-04	6.3E-06	1.2E-07	4.1E-08	0.0001
1751	494761.06, 3859001.99	0.06657	0.07562	0.07331	0.06357	0.06233	1.25E-04	6.6E-06	1.3E-07	7E-08	1.32E-04	1.53E-04	8.13E-06	1.25E-07	3.90E-08	1.62E-04	1.35E-04	6.3E-06	1.2E-07	4E-08	0.0001
1752	494811.06, 3859001.99	0.06598	0.07492	0.07269	0.0631	0.06178	1.24E-04	6.6E-06	1.3E-07	6.9E-08	1.31E-04	1.52E-04	8.05E-06	1.24E-07	3.86E-08	1.60E-04	1.34E-04	6.2E-06	1.2E-07	4E-08	0.0001
1753	494861.06, 3859001.99	0.06493	0.07367	0.07155	0.06221	0.06073	1.22E-04	6.5E-06	1.2E-07	6.8E-08	1.29E-04	1.50E-04	7.92E-06	1.22E-07	3.80E-08	1.58E-04	1.32E-04	6.1E-06	1.2E-07	3.9E-08	0.0001
1754	494911.06, 3859001.99	0.06381	0.07234	0.07033	0.06125	0.05963	1.20E-04	6.3E-06	1.2E-07	6.7E-08	1.26E-04	1.47E-04	7.78E-06	1.20E-07	3.73E-08	1.55E-04	1.30E-04	6E-06	1.2E-07	3.9E-08	0.0001
1755	494961.06, 3859001.99	0.06266	0.07097	0.06907	0.06025	0.05874	1.18E-04	6.2E-06	1.2E-07	6.6E-08	1.24E-04	1.44E-04	7.63E-06	1.18E-07	3.67E-08	1.52E-04	1.27E-04	5.9E-06	1.1E-07	3.8E-08	0.0001
1756	495011.06, 3859001.99	0.05963	0.06735	0.06566	0.05743	0.05553	1.12E-04	5.9E-06	1.1E-07	6.2E-08	1.18E-04	1.37E-04	7.24E-06	1.13E-07	3.47E-08	1.45E-04	1.21E-04	5.6E-06	1.1E-07	3.6E-08	0.0001
1757	495061.06, 3859001.99	0.05902	0.06663	0.06499	0.05692	0.05498	1.11E-04	5.8E-06	1.1E-07	6.1E-08	1.17E-04	1.36E-04	7.16E-06	1.12E-07	3.44E-08	1.43E-04	1.20E-04	5.5E-06	1.1E-07	3.6E-08	0.0001
1758	495111.06, 3859001.99	0.05774	0.0651	0.06355	0.05575	0.05381	1.09E-04	5.7E-06	1.1E-07	6E-08	1.14E-04	1.33E-04	7.00E-06	1.09E-07	3.37E-08	1.40E-04	1.17E-04	5.4E-06	1.1E-07	3.5E-08	0.0001
1759	495161.06, 3859001.99	0.05868	0.06623	0.06467	0.05675	0.05472	1.10E-04	5.8E-06	1.1E-07	6.1E-08	1.16E-04	1.35E-04	7.12E-06	1.11E-07	3.42E-08	1.42E-04	1.19E-04	5.5E-06	1.1E-07	3.5E-08	0.0001
1760	495211.06, 3859001.99	0.0584	0.06589	0.06437	0.05655	0.05446	1.10E-04	5.8E-06	1.1E-07	6.1E-08	1.16E-04	1.34E-04	7.08E-06	1.11E-07	3.41E-08	1.42E-04	1.19E-04	5.4E-06	1.1E-07	3.5E-08	0.0001
1761	495261.06, 3859001.99	0.05835	0.06583	0.06435	0.05658	0.05445	1.10E-04	5.8E-06	1.1E-07	6.1E-08	1.16E-04	1.34E-04	7.08E-06	1.11E-07	3.41E-08	1.42E-04	1.18E-04	5.4E-06	1.1E-07	3.5E-08	0.0001
1762	495311.06, 3859001.99	0.058	0.06541	0.06398	0.05631	0.05413	1.09E-04	5.7E-06	1.1E-07	6E-08	1.15E-04	1.34E-04	7.03E-06	1.10E-07	3.39E-08	1.41E-04	1.18E-04	5.4E-06	1.1E-07	3.5E-08	0.0001
1763	495361.06, 3859001.99	0.05793	0.06531	0.06392	0.0563	0.05408	1.09E-04	5.7E-06	1.1E-07	6E-08	1.15E-04	1.33E-04	7.02E-06	1.10E-07	3.38E-08	1.41E-04	1.18E-04	5.4E-06	1.1E-07	3.5E-08	0.0001
1764	495411.06, 3859001.99	0.05772	0.06505	0.0637	0.05616	0.0539	1.08E-04	5.7E-06	1.1E-07	6E-08	1.14E-04	1.33E-04	6.99E-06	1.10E-07	3.37E-08	1.40E-04	1.17E-04	5.4E-06	1.1E-07	3.5E-08	0.0001
1765	495461.06, 3859001.99	0.05757	0.06487	0.06356	0.05609	0.05378	1.08E-04	5.7E-06	1.1E-07	6E-08	1.14E-04	1.33E-04	6.97E-06	1.10E-07	3.36E-08	1.40E-04	1.17E-04	5.4E-06	1.1E-07	3.5E-08	0.0001
1766	495511.06, 3859001.99	0.05683	0.06398	0.06272	0.05542	0.05307	1.07E-04	5.6E-06	1.1E-07	5.9E-08	1.13E-04	1.31E-04	6.88E-06	1.09E-07	3.32E-08	1.38E-04	1.15E-04	5.3E-06	1.1E-07	3.4E-08	0.0001
1767	495561.06, 3859001.99	0.0564	0.06346	0.06225	0.05506	0.05268	1.06E-04	5.6E-06	1.1E-07	5.9E-08	1.12E-04	1.30E-04	6.82E-06	1.08E-07	3.29E-08	1.37E-04	1.15E-04	5.2E-06	1E-07	3.4E-08	0.0001
1768	495611.06, 3859001.99	0.05592	0.06288	0.06172	0.05465	0.05223	1.05E-04	5.5E-06	1.1E-07	5.8E-08	1.11E-04	1.29E-04	6.76E-06	1.07E-07	3.27E-08	1.36E-04	1.14E-04	5.2E-06	1E-07	3.4E-08	0.0001
1769	495661.06, 3859001.99	0.0562	0.0632	0.06205	0.05497	0.05251	1.06E-04	5.5E-06	1.1E-07	5.9E-08	1.11E-04	1.29E-04	6.79E-06	1.08E-07	3.28E-08	1.36E-04	1.14E-04	5.2E-06	1E-07	3.4E-08	0.0001
1770	494311.06, 3859051.99	0.07464	0.08451	0.08162	0.06993	0.07087	1.40E-04	7.4E-06	1.4E-07	7.9E-08	1.48E-04	1.72E-04	9.09E-06	1.37E-07	4.43E-08	1.81E-04	1.52E-04	7E-06	1.3E-07	4.6E-08	0.0002
1771	494361.06, 3859051.99	0.07455	0.08441	0.08142	0.06976	0.07102	1.40E-04	7.4E-06	1.4E-07	7.9E-08	1.48E-04	1.72E-04	9.07E-06	1.37E-07	4.44E-08	1.81E-04	1.51E-04	7E-06	1.3E-07	4.6E-08	0.0002
1772	494411.06, 3859051.99	0.07395	0.0838	0.08082	0.06931	0.07042	1.39E-04	7.4E-06	1.4E-07	7.9E-08	1.47E-04	1.70E-04	9.01E-06	1.36E-07	4.40E-08	1.79E-04	1.50E-04	6.9E-06	1.3E-07	4.5E-08	0.0002
1773	494461.06, 3859051.99	0.07323	0.08305	0.0801	0.06876	0.06966	1.38E-04	7.3E-06	1.4E-07	7.8E-08	1.45E-04	1.69E-04	8.93E-06	1.35E-07	4.36E-08	1.78E-04	1.49E-04	6.9E-06	1.3E-07	4.5E-08	0.0002
1774	494511.06, 3859051.99	0.07232	0.08205	0.07918	0.06805	0.06864	1.36E-04	7.2E-06	1.4E-07	7.7E-08	1.43E-04	1.67E-04	8.82E-06	1.33E-07	4.29E-08	1.76E-04	1.47E-04	6.8E-06	1.3E-07	4.4E-08	0.0002
1775	494561.06, 3859051.99	0.07153	0.0812	0.07838	0.06744	0.06781	1.34E-04	7.1E-06	1.3E-07	7.6E-08	1.42E-04	1.65E-04	8.73E-06	1.32E-07	4.24E-08	1.74E-04	1.45E-04	6.7E-06	1.3E-07	4.4E-08	0.0002
1776	494611.06, 3859051.99	0.07047	0.08001	0.07729	0.06658	0.06662	1.32E-04	7E-06	1.3E-07	7.4E-08	1.40E-04	1.62E-04	8.60E-06	1.30E-07	4.17E-08	1.71E-04	1.43E-04	6.6E-06	1.3E-07	4.3E-08	0.0001
1777	494661.06, 3859051.99	0.06931	0.07869	0.07608	0.06563	0.06533	1.30E-04	6.9E-06	1.3E-07	7.3E-08	1.37E-04	1.60E-04	8.46E-06	1.29E-07	4.09E-08	1.68E-04	1.41E-04	6.5E-06	1.2E-07	4.2E-08	0.0001
1778	494711.06, 3859051.99	0.06821	0.07744	0.07493	0.06474	0.06416	1.28E-04	6.8E-06	1.3E-07	7.2E-08	1.35E-04	1.57E-04	8.32E-06	1.27E-07	4.01E-08	1.66E-04	1.38E-04	6.4E-06	1.2E-07	4.1E-08	0.0001
1779	494761.06, 3859051.99	0.06707	0.07612	0.07373	0.06379	0.06295	1.26E-04	6.7E-06	1.3E-07	7E-08	1.33E-04	1.54E-04	8.18E-06	1.25E-07	3.94E-08	1.63E-04	1.36E-04	6.3E-06	1.2E-07	4.1E-08	0.0001
1780	494811.06, 3859051.99	0.06625	0.07517	0.07285	0.06311	0.06212	1.24E-04	6.6E-06	1.3E-07	6.9E-08	1.31E-04	1.53E-04	8.08E-06	1.24E-07	3.89E-08	1.61E-04	1.35E-04	6.2E-06	1.2E-07	4E-08	0.0001
1781	494861.06, 3859051.99	0.0654	0.07419	0.07195	0.06241	0.06128	1.23E-04	6.5E-06	1.2E-07	6.8E-08	1.30E-04	1.51E-04	7.98E-06	1.22E-07	3.83E-08	1.59E-04	1.33E-04	6.1E-06	1.2E-07	4E-08	0.0001
1782	494911.06, 3859051.99	0.06409	0.07264	0.07054	0.06128	0.05993	1.20E-04	6.4E-06	1.2E-07	6.7E-08	1.27E-04	1.48E-04	7.81E-06	1.20E-07	3.75E-08	1.56E-04	1.30E-04	6E-06	1.2E-07	3.9E-08	0.0001
1783	494961.06, 3859051.99	0.06213	0.07032	0.06838	0.05953	0.05794	1.17E-04	6.2E-06	1.2E-07	6.5E-08	1.23E-04	1.43E-04	7.56E-06	1.17E-07	3.62E-08	1.51E-04	1.26E-04	5.8E-06	1.1E-07	3.7E-08	0.0001
1784	495011.06, 3859051.99	0.06065	0.06857	0.06675	0.05822	0.05645	1.14E-04	6E-06	1.2E-07	6.3E-08	1.20E-04	1.40E-04	7.37E-06	1.14E-07	3.53E-08	1.47E-04	1.23E-04	5.7E-06	1.1E-07	3.6E-08	0.0001
1785	495061.06, 3859051.99	0.05966	0.0674	0.06566	0.05735	0.05552	1.12E-04	5.9E-06	1.1E-07	6.2E-08	1.18E-04	1.37E-04	7.25E-06	1.12E-07	3.47E-08	1.45E-04	1.21E-04	5.6E-06	1.1E-07	3.6E-08	0.0001
1786	495111.06, 3859051.99	0.05912	0.06677	0.06508	0.05691	0.05504	1.11E-04	5.9E-06	1.1E-07	6.1E-08	1.17E-04	1.36E-04	7.18E-06	1.11E-07	3.44E-08	1.43E-04	1.20E-04	5.5E-06	1.1E-07	3.6E-08	0.0001
1787	495161.06, 3859051.99	0.05954	0.06728	0.0656	0.05739	0.0555	1.12E-04	5.9E-06	1.1E-07	6.2E-08	1.18E-04	1.37E-04	7.23E-06	1.12E-07	3.47E-08	1.44E-04	1.21E-04	5.6E-06	1.1E-07	3.6E-08	0.0001
1788	495211.06, 3859051.99	0.0589	0.06653	0.0649	0.05686	0.05491	1.11E-04	5.8E-06	1.1E-07	6.1E-08	1.17E-04	1.36E-04	7.15E-06	1.11E-07	3.43E-08	1.43E-04	1.20E-04	5.5E-06	1.1E-07	3.5E-08	0.0001

1789	495261.06, 3859051.99	0.05906	0.06673	0.06511	0.05708	0.05512	1.11E-04	5.9E-06	1.1E-07	6.2E-08	1.17E-04	1.36E-04	7.17E-06	1.12E-07	3.45E-08	1.43E-04	1.20E-04	5.5E-06	1.1E-07	3.6E-08	0.0001
1790	495311.06, 3859051.99	0.05864	0.06622	0.06466	0.05675	0.05473	1.10E-04	5.8E-06	1.1E-07	6.1E-08	1.16E-04	1.35E-04	7.12E-06	1.11E-07	3.42E-08	1.42E-04	1.19E-04	5.5E-06	1.1E-07	3.5E-08	0.0001
1791	495361.06, 3859051.99	0.05845	0.066	0.06447	0.05664	0.05458	1.10E-04	5.8E-06	1.1E-07	6.1E-08	1.16E-04	1.35E-04	7.10E-06	1.11E-07	3.41E-08	1.42E-04	1.19E-04	5.5E-06	1.1E-07	3.5E-08	0.0001
1792	495411.06, 3859051.99	0.05843	0.06597	0.06447	0.05668	0.0546	1.10E-04	5.8E-06	1.1E-07	6.1E-08	1.16E-04	1.35E-04	7.09E-06	1.11E-07	3.41E-08	1.42E-04	1.19E-04	5.5E-06	1.1E-07	3.5E-08	0.0001
1793	495461.06, 3859051.99	0.05839	0.06591	0.06444	0.0567	0.05459	1.10E-04	5.8E-06	1.1E-07	6.1E-08	1.16E-04	1.34E-04	7.09E-06	1.11E-07	3.41E-08	1.42E-04	1.19E-04	5.5E-06	1.1E-07	3.5E-08	0.0001
1794	495511.06, 3859051.99	0.05762	0.065	0.0636	0.05603	0.05385	1.08E-04	5.7E-06	1.1E-07	6E-08	1.14E-04	1.33E-04	6.99E-06	1.10E-07	3.37E-08	1.40E-04	1.17E-04	5.4E-06	1.1E-07	3.5E-08	0.0001
1795	495561.06, 3859051.99	0.05704	0.0643	0.06296	0.05553	0.0533	1.07E-04	5.6E-06	1.1E-07	6E-08	1.13E-04	1.31E-04	6.91E-06	1.09E-07	3.33E-08	1.38E-04	1.16E-04	5.3E-06	1.1E-07	3.4E-08	0.0001
1796	495611.06, 3859051.99	0.05653	0.0637	0.0624	0.0551	0.05283	1.06E-04	5.6E-06	1.1E-07	5.9E-08	1.12E-04	1.30E-04	6.85E-06	1.08E-07	3.30E-08	1.37E-04	1.15E-04	5.3E-06	1E-07	3.4E-08	0.0001
1797	495661.06, 3859051.99	0.05674	0.06393	0.06265	0.05535	0.05306	1.07E-04	5.6E-06	1.1E-07	5.9E-08	1.12E-04	1.31E-04	6.87E-06	1.08E-07	3.32E-08	1.38E-04	1.15E-04	5.3E-06	1.1E-07	3.4E-08	0.0001
1798	494311.06, 3859101.99	0.07524	0.08457	0.08178	0.06998	0.07222	1.41E-04	7.4E-06	1.4E-07	8.1E-08	1.49E-04	1.73E-04	9.09E-06	1.37E-07	4.52E-08	1.83E-04	1.53E-04	7E-06	1.3E-07	4.7E-08	0.0002
1799	494361.06, 3859101.99	0.07472	0.08408	0.08127	0.06959	0.07171	1.40E-04	7.4E-06	1.4E-07	8E-08	1.48E-04	1.72E-04	9.04E-06	1.36E-07	4.49E-08	1.81E-04	1.52E-04	7E-06	1.3E-07	4.6E-08	0.0002
1800	494411.06, 3859101.99	0.07428	0.0837	0.08085	0.06928	0.07134	1.40E-04	7.3E-06	1.4E-07	8E-08	1.47E-04	1.71E-04	9.00E-06	1.36E-07	4.46E-08	1.80E-04	1.51E-04	6.9E-06	1.3E-07	4.6E-08	0.0002
1801	494461.06, 3859101.99	0.07356	0.08297	0.08014	0.06873	0.07052	1.38E-04	7.3E-06	1.4E-07	7.9E-08	1.46E-04	1.69E-04	8.92E-06	1.35E-07	4.41E-08	1.78E-04	1.49E-04	6.9E-06	1.3E-07	4.6E-08	0.0002
1802	494511.06, 3859101.99	0.07251	0.08188	0.07911	0.06793	0.06925	1.36E-04	7.2E-06	1.3E-07	7.7E-08	1.44E-04	1.67E-04	8.80E-06	1.33E-07	4.33E-08	1.76E-04	1.47E-04	6.8E-06	1.3E-07	4.5E-08	0.0002
1803	494561.06, 3859101.99	0.07168	0.081	0.07828	0.06728	0.0683	1.35E-04	7.1E-06	1.3E-07	7.6E-08	1.42E-04	1.65E-04	8.71E-06	1.32E-07	4.27E-08	1.74E-04	1.46E-04	6.7E-06	1.3E-07	4.4E-08	0.0002
1804	494611.06, 3859101.99	0.07039	0.0796	0.07699	0.06626	0.06675	1.32E-04	7E-06	1.3E-07	7.5E-08	1.39E-04	1.62E-04	8.56E-06	1.30E-07	4.17E-08	1.71E-04	1.43E-04	6.6E-06	1.3E-07	4.3E-08	0.0001
1805	494661.06, 3859101.99	0.06956	0.0787	0.07615	0.0656	0.06585	1.31E-04	6.9E-06	1.3E-07	7.4E-08	1.38E-04	1.60E-04	8.46E-06	1.29E-07	4.12E-08	1.69E-04	1.41E-04	6.5E-06	1.2E-07	4.3E-08	0.0001
1806	494711.06, 3859101.99	0.06808	0.07704	0.07462	0.06438	0.06413	1.28E-04	6.8E-06	1.3E-07	7.2E-08	1.35E-04	1.57E-04	8.28E-06	1.26E-07	4.01E-08	1.65E-04	1.38E-04	6.4E-06	1.2E-07	4.1E-08	0.0001
1807	494761.06, 3859101.99	0.06767	0.07661	0.07419	0.06407	0.06378	1.27E-04	6.7E-06	1.3E-07	7.1E-08	1.34E-04	1.56E-04	8.24E-06	1.26E-07	3.99E-08	1.64E-04	1.37E-04	6.3E-06	1.2E-07	4.1E-08	0.0001
1808	494811.06, 3859101.99	0.06667	0.07549	0.07315	0.06325	0.06271	1.25E-04	6.6E-06	1.3E-07	7E-08	1.32E-04	1.54E-04	8.12E-06	1.24E-07	3.92E-08	1.62E-04	1.35E-04	6.2E-06	1.2E-07	4.1E-08	0.0001
1809	494861.06, 3859101.99	0.06578	0.07448	0.07222	0.06252	0.06178	1.24E-04	6.5E-06	1.2E-07	6.9E-08	1.30E-04	1.51E-04	8.01E-06	1.22E-07	3.86E-08	1.60E-04	1.34E-04	6.2E-06	1.2E-07	4E-08	0.0001
1810	494911.06, 3859101.99	0.06447	0.07297	0.07082	0.06141	0.06038	1.21E-04	6.4E-06	1.2E-07	6.7E-08	1.28E-04	1.48E-04	7.84E-06	1.20E-07	3.78E-08	1.56E-04	1.31E-04	6E-06	1.2E-07	3.9E-08	0.0001
1811	494961.06, 3859101.99	0.06245	0.0706	0.06863	0.05963	0.05824	1.17E-04	6.2E-06	1.2E-07	6.5E-08	1.24E-04	1.44E-04	7.59E-06	1.17E-07	3.64E-08	1.52E-04	1.27E-04	5.8E-06	1.1E-07	3.8E-08	0.0001
1812	495011.06, 3859101.99	0.0603	0.06807	0.06626	0.05769	0.05608	1.13E-04	6E-06	1.1E-07	6.3E-08	1.19E-04	1.39E-04	7.32E-06	1.13E-07	3.51E-08	1.46E-04	1.22E-04	5.6E-06	1.1E-07	3.6E-08	0.0001
1813	495061.06, 3859101.99	0.06029	0.0681	0.06629	0.05776	0.05615	1.13E-04	6E-06	1.1E-07	6.3E-08	1.19E-04	1.39E-04	7.32E-06	1.13E-07	3.51E-08	1.46E-04	1.22E-04	5.6E-06	1.1E-07	3.6E-08	0.0001
1814	495111.06, 3859101.99	0.05969	0.0674	0.06564	0.05726	0.0556	1.12E-04	5.9E-06	1.1E-07	6.2E-08	1.18E-04	1.37E-04	7.25E-06	1.12E-07	3.48E-08	1.45E-04	1.21E-04	5.6E-06	1.1E-07	3.6E-08	0.0001
1815	495161.06, 3859101.99	0.06007	0.06789	0.06611	0.0577	0.05606	1.13E-04	6E-06	1.1E-07	6.3E-08	1.19E-04	1.38E-04	7.30E-06	1.13E-07	3.51E-08	1.46E-04	1.22E-04	5.6E-06	1.1E-07	3.6E-08	0.0001
1816	495211.06, 3859101.99	0.05952	0.06725	0.06552	0.05725	0.05556	1.12E-04	5.9E-06	1.1E-07	6.2E-08	1.18E-04	1.37E-04	7.23E-06	1.12E-07	3.47E-08	1.44E-04	1.21E-04	5.6E-06	1.1E-07	3.6E-08	0.0001
1817	495261.06, 3859101.99	0.05952	0.06726	0.06555	0.05732	0.05562	1.12E-04	5.9E-06	1.1E-07	6.2E-08	1.18E-04	1.37E-04	7.23E-06	1.12E-07	3.48E-08	1.44E-04	1.21E-04	5.6E-06	1.1E-07	3.6E-08	0.0001
1818	495311.06, 3859101.99	0.05936	0.06713	0.06546	0.05729	0.05537	1.12E-04	5.9E-06	1.1E-07	6.2E-08	1.18E-04	1.37E-04	7.22E-06	1.12E-07	3.46E-08	1.44E-04	1.21E-04	5.6E-06	1.1E-07	3.6E-08	0.0001
1819	495361.06, 3859101.99	0.05933	0.06706	0.06539	0.05727	0.05555	1.11E-04	5.9E-06	1.1E-07	6.2E-08	1.18E-04	1.37E-04	7.21E-06	1.12E-07	3.47E-08	1.44E-04	1.20E-04	5.5E-06	1.1E-07	3.6E-08	0.0001
1820	495411.06, 3859101.99	0.05918	0.06689	0.06525	0.0572	0.05545	1.11E-04	5.9E-06	1.1E-07	6.2E-08	1.17E-04	1.36E-04	7.19E-06	1.12E-07	3.47E-08	1.44E-04	1.20E-04	5.5E-06	1.1E-07	3.6E-08	0.0001
1821	495461.06, 3859101.99	0.05874	0.06643	0.06486	0.057	0.05502	1.10E-04	5.8E-06	1.1E-07	6.1E-08	1.16E-04	1.35E-04	7.14E-06	1.12E-07	3.44E-08	1.43E-04	1.19E-04	5.5E-06	1.1E-07	3.6E-08	0.0001
1822	495511.06, 3859101.99	0.05845	0.06609	0.06457	0.05679	0.05478	1.10E-04	5.8E-06	1.1E-07	6.1E-08	1.16E-04	1.35E-04	7.10E-06	1.11E-07	3.43E-08	1.42E-04	1.19E-04	5.5E-06	1.1E-07	3.5E-08	0.0001
1823	495561.06, 3859101.99	0.05787	0.06535	0.06385	0.05615	0.05424	1.09E-04	5.7E-06	1.1E-07	6.1E-08	1.15E-04	1.33E-04	7.03E-06	1.10E-07	3.39E-08	1.40E-04	1.17E-04	5.4E-06	1.1E-07	3.5E-08	0.0001
1824	495611.06, 3859101.99	0.05727	0.06464	0.06319	0.05564	0.0536	1.08E-04	5.7E-06	1.1E-07	6E-08	1.13E-04	1.32E-04	6.95E-06	1.09E-07	3.35E-08	1.39E-04	1.16E-04	5.3E-06	1.1E-07	3.5E-08	0.0001
1825	495661.06, 3859101.99	0.05722	0.06457	0.06316	0.05565	0.05365	1.08E-04	5.7E-06	1.1E-07	6E-08	1.13E-04	1.32E-04	6.94E-06	1.09E-07	3.36E-08	1.39E-04	1.16E-04	5.3E-06	1.1E-07	3.5E-08	0.0001
1826	494311.06, 3859151.99	0.07538	0.08412	0.08153	0.06977	0.07306	1.42E-04	7.4E-06	1.4E-07	8.2E-08	1.49E-04	1.74E-04	9.04E-06	1.37E-07	4.57E-08	1.83E-04	1.53E-04	7E-06	1.3E-07	4.7E-08	0.0002
1827	494361.06, 3859151.99	0.07502	0.08383	0.08119	0.06951	0.0728	1.41E-04	7.4E-06	1.4E-07	8.1E-08	1.49E-04	1.73E-04	9.01E-06	1.36E-07	4.55E-08	1.82E-04	1.52E-04	6.9E-06	1.3E-07	4.7E-08	0.0002
1828	494411.06, 3859151.99	0.07422	0.08306	0.08044	0.06892	0.07181	1.39E-04	7.3E-06	1.4E-07	8E-08	1.47E-04	1.71E-04	8.93E-06	1.35E-07	4.49E-08	1.80E-04	1.51E-04	6.9E-06	1.3E-07	4.6E-08	0.0002
1829	494461.06, 3859151.99	0.0734	0.08225	0.07965	0.0683	0.07079	1.38E-04	7.2E-06	1.4E-07	7.9E-08	1.45E-04	1.69E-04	8.84E-06	1.34E-07	4.43E-08	1.78E-04	1.49E-04	6.8E-06	1.3E-07	4.6E-08	0.0002
1830	494511.06, 3859151.99	0.07233	0.08117	0.07863	0.0675	0.06942	1.36E-04	7.1E-06	1.3E-07	7.8E-08	1.43E-04	1.67E-04	8.73E-06	1.32E-07	4.34E-08	1.75E-04	1.47E-04	6.7E-06	1.3E-07	4.5E-08	0.0002
1831	494561.06, 3859151.99	0.07166	0.08052	0.07798	0.06699	0.06868	1.35E-04	7.1E-06	1.3E-07	7.7E-08	1.42E-04	1.65E-04	8.66E-06	1.31E-07	4.30E-08	1.74E-04	1.45E-04	6.7E-06	1.3E-07	4.4E-08	0.0002
1832	494611.06, 3859151.99	0.07057	0.07937	0.07691	0.06614	0.06732	1.33E-04	7E-06	1.3E-07	7.5E-08	1.40E-04	1.63E-04	8.53E-06	1.30E-07	4.21E-08	1.71E-04	1.43E-04	6.6E-06	1.3E-07	4.3E-08	0.0002
1833	494661.06, 3859151.99	0.06984	0.07863	0.07619	0.06558	0.06651	1.31E-04	6.9E-06	1.3E-07	7.4E-08	1.38E-04	1.61E-04	8.45E-06	1.28E-07	4.16E-08	1.69E-04	1.42E-04	6.5E-06	1.2E-07	4.3E-08	0.0001
1834	494711.06, 3859151.99	0.06921	0.07799	0.07556	0.06509	0.06584	1.30E-04	6.8E-06	1.3E-07	7.4E-08	1.37E-04	1.59E-04	8.38E-06	1.28E-07	4.12E-08	1.68E-04	1.41E-04	6.4E-06	1.2E-07	4.3E-08	0.0001
1835	494761.06, 3859151.99	0.0679	0.07657	0.07424	0.06404	0.06427	1.28E-04	6.7E-06	1.3E-07	7.2E-08	1.35E-04	1.56E-04	8.23E-06	1.25E-07	4.02E-08	1.65E-04	1.38E-04	6.3E-06	1.2E-07	4.2E-08	0.0001
1836	494811.06, 3859151.99	0.06679	0.07534	0.0731	0.06313	0.063	1.26E-04	6.6E-06	1.3E-07	7E-08	1.32E-04	1.54E-04	8.10E-06	1.24E-07	3.94E-08	1.62E-04	1.36E-04	6.2E-06	1.2E-07	4.1E-08	0.0001
1837	494861.06, 3859151.99	0.06605	0.07455	0.07234	0.06254	0.06223	1.24E-04	6.5E-06	1.2E-07	7E-08	1.31E-04	1.52E-04	8.01E-06	1.23E-07	3.89E-08	1.60E-04	1.34E-04	6.2E-06	1.2E-07	4E-08	0.0001
1838	494911.06, 3859151.99	0.06465	0.07296	0.07087	0.06136	0.06066	1.21E-04	6.4E-06	1.2E-07	6.8E-08	1.28E-04	1.49E-04	7.84E-06	1.20E-07	3.79E-08	1.57E-04	1.31E-04	6E-06	1.2E-07	3.9E-08	0.0001
1839	494961.06, 3859151.99	0.06278	0.07086	0.06895	0.05982	0.05848	1.18E-04	6.2E-06	1.2E-07	6.5E-08	1.24E-04	1.45E-04	7.62E-06	1.17E-07	3.66E-08	1.52E-04	1.27E-04	5.9E-06	1.1E-07	3.8E-08	0.0001
1840	495011.06, 3859151.99	0.06085	0.06857	0.06678	0.05804	0.0566	1.14E-04	6E-06	1.2E-07	6.3E-08	1.21E-04	1.40E-04	7.37E-06	1.14E-07	3.54E-08	1.48E-04	1.24E-04	5.7E-06	1.1E-07	3.7E-08	0.0001
1841	495061.06, 3859151.99	0.06066	0.0684	0.0666	0.05792	0.05649	1.14E-04	6E-06	1.1E-07	6.3E-08	1.20E-04	1.40E-04	7.35E-06	1.13E-07	3.53E-08	1.47E-04	1.23E-04	5.7E-06	1.1E-07	3.6E-08	0.0001
1842	495111.06, 3859151.99	0.0603	0.06801	0.06623	0.05765	0.05619	1.13E-04	6E-06	1.1E-07	6.3E-08	1.19E-04	1.39E-04	7.31E-06	1.13E-07	3.51E-08	1.46E-04	1.22E-04	5.6E-06	1.1E-07	3.6E-08	0.0001
1843	495161.06, 3859151.99	0.06066	0.06848	0.06665	0.05804	0.05666	1.14E-04	6E-06	1.2E-07	6.3E-08	1.20E-04	1.40E-04	7.36E-06	1.14E-07	3.54E-08	1.47E-04	1.23E-04	5.7E-06	1.1E-07	3.7E-08	0.0001
1844	495211.06, 3859151.99	0.06036	0.06816	0.06635	0.05783	0.05643	1.13E-04	6E-06	1.1E-07	6.3E-08	1.20E-04	1.39E-04	7.33E-06	1.13E-07	3.53E-08	1.46E-04	1.23E-04	5.6E-06	1.1E-07	3.6E-08	0.0001
1845	495261.06, 3859151.99	0.06008	0.06786	0.06608	0.05764	0.05622	1.13E-04	6E-06	1.1E-07	6.3E-08	1.19E-04	1.38E-04	7.30E-06	1.13E-07	3.52E-08	1.46E-04	1.22E-04	5.6E-06	1.1E-07	3.6E-08	0.0001
1846	495311.06, 3859151.99	0.05989	0.06766	0.06589	0.05753	0.0561	1.13E-04	5.9E-06	1.1E-07	6.3E-08	1.19E-04	1.38E-04	7.27E-06	1.13E-07	3.51E-08	1.45E-04	1.22E-04	5.6E-06	1.1E-07	3.6E-08	0.0001
1847	495361.06, 3859151.99	0.05964	0.06739	0.06564	0.05736	0.05591	1.12E-04	5.9E-06	1.1E-07	6.2E-08	1.18E-04	1.37E-04	7.24E-06	1.12E-07	3.50E-08	1.45E-04	1.21E-04	5.6E-06	1.1E-07	3.6E-08	0.0001
1848	495411.06, 3859151.99	0.0599	0.06772	0.06595	0.05766	0.05629	1.13E-04	5.9E-06	1.1E-07	6.3E-08	1.19E-04	1.38E-04	7.28E-06	1.13E-07	3.52E-08	1.45E-04	1.22E-04	5.6E-06	1.1E-07	3.6E-08	0.0001
1849	495461.06, 3859151.99	0.05968	0.06748	0.06573	0.05752	0.05614	1.12E-04	5.9E-06	1.1E-07	6.3E-08	1.18E-04	1.37E-04	7.25E-06	1.13E-07	3.51E-08	1.45E-04	1.21E-04	5.6E-06	1.1E-07	3.6E-08	0.0001
1850	495511.06, 3859151.99	0.05901	0.0667	0.06501	0.05696	0.05547	1.11E-04	5.9E-06	1.1E-07	6.2E-08	1.17E-04	1.36E-04	7.17E-06	1.12E-07	3.47E-08	1.43E-04	1.20E-04	5.5E-06	1.1E-07	3.6E-08	0.0001
1851	495561.06, 3859151.99	0.05853	0.06615	0.06451	0.05657	0.05501	1.10E-04	5.8E-06	1.1E-07	6.1E-08	1.16E-04	1.35E-04	7.11E-06	1.11E-07	3.44E-08	1.42E-04	1.19E-04	5.5E-06	1.1E-07	3.6E-08	0.0001
1852	495611.06, 3859151.99	0.05812	0.06567	0.06407	0.05625	0.05463	1.09E-04	5.8E-06	1.1E-07	6.1E-08	1.15E-04	1.34E-04	7.06E-06	1.10E-07	3.42E-08	1.41E-04	1.18E-04	5.4E-06	1.1E-07	3.5E-08	0.0001

1853	495661.06, 3859151.99	0.05778	0.06527	0.06371	0.05599	0.05432	1.09E-04	5.7E-06	1.1E-07	6.1E-08	1.14E-04	1.33E-04	7.02E-06	1.10E-07	3.40E-08	1.40E-04	1.17E-04	5.4E-06	1.1E-07	3.5E-08	0.0001
1854	494311.06, 3859201.99	0.07534	0.08345	0.08105	0.06939	0.07377	1.42E-04	7.3E-06	1.4E-07	8.2E-08	1.49E-04	1.73E-04	8.97E-06	1.36E-07	4.61E-08	1.83E-04	1.53E-04	6.9E-06	1.3E-07	4.8E-08	0.0002
1855	494361.06, 3859201.99	0.07483	0.08301	0.08058	0.06903	0.07324	1.41E-04	7.3E-06	1.4E-07	8.2E-08	1.48E-04	1.72E-04	8.92E-06	1.35E-07	4.58E-08	1.81E-04	1.52E-04	6.9E-06	1.3E-07	4.7E-08	0.0002
1856	494411.06, 3859201.99	0.07416	0.08239	0.07997	0.06854	0.07242	1.39E-04	7.2E-06	1.4E-07	8.1E-08	1.47E-04	1.71E-04	8.86E-06	1.34E-07	4.53E-08	1.80E-04	1.51E-04	6.8E-06	1.3E-07	4.7E-08	0.0002
1857	494461.06, 3859201.99	0.07321	0.08146	0.0791	0.06786	0.07113	1.38E-04	7.1E-06	1.3E-07	7.9E-08	1.45E-04	1.69E-04	8.76E-06	1.33E-07	4.45E-08	1.78E-04	1.49E-04	6.7E-06	1.3E-07	4.6E-08	0.0002
1858	494511.06, 3859201.99	0.07254	0.08084	0.07848	0.06736	0.07033	1.36E-04	7.1E-06	1.3E-07	7.9E-08	1.44E-04	1.67E-04	8.69E-06	1.32E-07	4.40E-08	1.76E-04	1.47E-04	6.7E-06	1.3E-07	4.5E-08	0.0002
1859	494561.06, 3859201.99	0.07146	0.07975	0.07746	0.06656	0.06887	1.34E-04	7E-06	1.3E-07	7.7E-08	1.41E-04	1.65E-04	8.57E-06	1.30E-07	4.31E-08	1.73E-04	1.45E-04	6.6E-06	1.3E-07	4.4E-08	0.0002
1860	494611.06, 3859201.99	0.07059	0.07889	0.07663	0.0659	0.06779	1.33E-04	6.9E-06	1.3E-07	7.6E-08	1.40E-04	1.63E-04	8.48E-06	1.29E-07	4.24E-08	1.71E-04	1.43E-04	6.5E-06	1.3E-07	4.4E-08	0.0002
1861	494661.06, 3859201.99	0.06989	0.0782	0.07595	0.06536	0.06697	1.31E-04	6.9E-06	1.3E-07	7.5E-08	1.38E-04	1.61E-04	8.41E-06	1.28E-07	4.19E-08	1.70E-04	1.42E-04	6.5E-06	1.2E-07	4.3E-08	0.0001
1862	494711.06, 3859201.99	0.06917	0.0775	0.07526	0.06481	0.06615	1.30E-04	6.8E-06	1.3E-07	7.4E-08	1.37E-04	1.59E-04	8.33E-06	1.27E-07	4.14E-08	1.68E-04	1.40E-04	6.4E-06	1.2E-07	4.3E-08	0.0001
1863	494761.06, 3859201.99	0.068	0.07627	0.07411	0.06389	0.06468	1.28E-04	6.7E-06	1.3E-07	7.2E-08	1.35E-04	1.57E-04	8.20E-06	1.25E-07	4.05E-08	1.65E-04	1.38E-04	6.3E-06	1.2E-07	4.2E-08	0.0001
1864	494811.06, 3859201.99	0.06701	0.07522	0.07311	0.0631	0.06351	1.26E-04	6.6E-06	1.3E-07	7.1E-08	1.33E-04	1.54E-04	8.09E-06	1.24E-07	3.97E-08	1.63E-04	1.36E-04	6.2E-06	1.2E-07	4.1E-08	0.0001
1865	494861.06, 3859201.99	0.06589	0.07405	0.07203	0.06223	0.06204	1.24E-04	6.5E-06	1.2E-07	6.9E-08	1.31E-04	1.52E-04	7.96E-06	1.22E-07	3.88E-08	1.60E-04	1.34E-04	6.1E-06	1.2E-07	4E-08	0.0001
1866	494911.06, 3859201.99	0.06435	0.0723	0.07038	0.06091	0.06039	1.21E-04	6.3E-06	1.2E-07	6.7E-08	1.27E-04	1.48E-04	7.77E-06	1.19E-07	3.78E-08	1.56E-04	1.31E-04	6E-06	1.2E-07	3.9E-08	0.0001
1867	494961.06, 3859201.99	0.06274	0.07048	0.06868	0.05953	0.05859	1.18E-04	6.2E-06	1.2E-07	6.5E-08	1.24E-04	1.44E-04	7.58E-06	1.17E-07	3.66E-08	1.52E-04	1.27E-04	5.8E-06	1.1E-07	3.8E-08	0.0001
1868	495011.06, 3859201.99	0.06056	0.06798	0.06635	0.05762	0.0562	1.14E-04	6E-06	1.1E-07	6.3E-08	1.20E-04	1.39E-04	7.31E-06	1.13E-07	3.51E-08	1.47E-04	1.23E-04	5.6E-06	1.1E-07	3.6E-08	0.0001
1869	495061.06, 3859201.99	0.06131	0.06894	0.06719	0.05834	0.05719	1.15E-04	6E-06	1.2E-07	6.4E-08	1.21E-04	1.41E-04	7.41E-06	1.14E-07	3.58E-08	1.49E-04	1.24E-04	5.7E-06	1.1E-07	3.7E-08	0.0001
1870	495111.06, 3859201.99	0.06125	0.06893	0.06715	0.05834	0.05723	1.15E-04	6E-06	1.2E-07	6.4E-08	1.21E-04	1.41E-04	7.41E-06	1.14E-07	3.58E-08	1.49E-04	1.24E-04	5.7E-06	1.1E-07	3.7E-08	0.0001
1871	495161.06, 3859201.99	0.06107	0.06879	0.06698	0.05823	0.05715	1.15E-04	6E-06	1.2E-07	6.4E-08	1.21E-04	1.41E-04	7.40E-06	1.14E-07	3.57E-08	1.48E-04	1.24E-04	5.7E-06	1.1E-07	3.7E-08	0.0001
1872	495211.06, 3859201.99	0.06059	0.06827	0.06648	0.05785	0.05671	1.14E-04	6E-06	1.1E-07	6.3E-08	1.20E-04	1.40E-04	7.34E-06	1.13E-07	3.55E-08	1.47E-04	1.23E-04	5.6E-06	1.1E-07	3.7E-08	0.0001
1873	495261.06, 3859201.99	0.06055	0.06827	0.06647	0.05787	0.05678	1.14E-04	6E-06	1.1E-07	6.3E-08	1.20E-04	1.39E-04	7.34E-06	1.13E-07	3.55E-08	1.47E-04	1.23E-04	5.6E-06	1.1E-07	3.7E-08	0.0001
1874	495311.06, 3859201.99	0.06036	0.06809	0.06628	0.05775	0.05667	1.13E-04	6E-06	1.1E-07	6.3E-08	1.20E-04	1.39E-04	7.32E-06	1.13E-07	3.54E-08	1.46E-04	1.23E-04	5.6E-06	1.1E-07	3.7E-08	0.0001
1875	495361.06, 3859201.99	0.06023	0.06798	0.06617	0.05769	0.05664	1.13E-04	6E-06	1.1E-07	6.3E-08	1.19E-04	1.39E-04	7.31E-06	1.13E-07	3.54E-08	1.46E-04	1.22E-04	5.6E-06	1.1E-07	3.7E-08	0.0001
1876	495411.06, 3859201.99	0.06038	0.06819	0.06635	0.05788	0.05694	1.13E-04	6E-06	1.1E-07	6.4E-08	1.20E-04	1.39E-04	7.33E-06	1.13E-07	3.56E-08	1.47E-04	1.23E-04	5.6E-06	1.1E-07	3.7E-08	0.0001
1877	495461.06, 3859201.99	0.06005	0.06784	0.06601	0.05764	0.05666	1.13E-04	6E-06	1.1E-07	6.3E-08	1.19E-04	1.38E-04	7.29E-06	1.13E-07	3.54E-08	1.46E-04	1.22E-04	5.6E-06	1.1E-07	3.7E-08	0.0001
1878	495511.06, 3859201.99	0.05973	0.06749	0.06568	0.0574	0.05639	1.12E-04	5.9E-06	1.1E-07	6.3E-08	1.18E-04	1.38E-04	7.26E-06	1.12E-07	3.53E-08	1.45E-04	1.21E-04	5.6E-06	1.1E-07	3.6E-08	0.0001
1879	495561.06, 3859201.99	0.05901	0.06667	0.06493	0.05681	0.05564	1.11E-04	5.8E-06	1.1E-07	6.2E-08	1.17E-04	1.36E-04	7.17E-06	1.11E-07	3.48E-08	1.43E-04	1.20E-04	5.5E-06	1.1E-07	3.6E-08	0.0001
1880	495611.06, 3859201.99	0.05851	0.0661	0.0644	0.0564	0.05515	1.10E-04	5.8E-06	1.1E-07	6.2E-08	1.16E-04	1.35E-04	7.11E-06	1.10E-07	3.45E-08	1.42E-04	1.19E-04	5.5E-06	1.1E-07	3.6E-08	0.0001
1881	495661.06, 3859201.99	0.05818	0.06573	0.06406	0.05616	0.05486	1.09E-04	5.8E-06	1.1E-07	6.1E-08	1.15E-04	1.34E-04	7.07E-06	1.10E-07	3.43E-08	1.41E-04	1.18E-04	5.4E-06	1.1E-07	3.5E-08	0.0001
1882	494311.06, 3859251.99	0.07518	0.0827	0.0804	0.06891	0.07445	1.41E-04	7.3E-06	1.4E-07	8.3E-08	1.49E-04	1.73E-04	8.89E-06	1.35E-07	4.66E-08	1.82E-04	1.53E-04	6.8E-06	1.3E-07	4.8E-08	0.0002
1883	494361.06, 3859251.99	0.07449	0.08207	0.07981	0.06844	0.07356	1.40E-04	7.2E-06	1.4E-07	8.2E-08	1.47E-04	1.72E-04	8.82E-06	1.34E-07	4.60E-08	1.81E-04	1.51E-04	6.8E-06	1.3E-07	4.8E-08	0.0002
1884	494411.06, 3859251.99	0.07358	0.08119	0.07901	0.06781	0.07224	1.38E-04	7.1E-06	1.3E-07	8.1E-08	1.46E-04	1.69E-04	8.73E-06	1.33E-07	4.52E-08	1.78E-04	1.49E-04	6.7E-06	1.3E-07	4.7E-08	0.0002
1885	494461.06, 3859251.99	0.07295	0.08061	0.07844	0.06735	0.07146	1.37E-04	7.1E-06	1.3E-07	8E-08	1.44E-04	1.68E-04	8.67E-06	1.32E-07	4.47E-08	1.77E-04	1.48E-04	6.7E-06	1.3E-07	4.6E-08	0.0002
1886	494511.06, 3859251.99	0.07193	0.07962	0.07753	0.06663	0.07001	1.35E-04	7E-06	1.3E-07	7.8E-08	1.42E-04	1.66E-04	8.56E-06	1.31E-07	4.38E-08	1.74E-04	1.46E-04	6.6E-06	1.3E-07	4.5E-08	0.0002
1887	494561.06, 3859251.99	0.07124	0.07896	0.07689	0.06611	0.06914	1.34E-04	6.9E-06	1.3E-07	7.7E-08	1.41E-04	1.64E-04	8.49E-06	1.30E-07	4.32E-08	1.73E-04	1.45E-04	6.5E-06	1.3E-07	4.5E-08	0.0002
1888	494611.06, 3859251.99	0.07033	0.07807	0.07605	0.06544	0.06794	1.32E-04	6.8E-06	1.3E-07	7.6E-08	1.39E-04	1.62E-04	8.39E-06	1.28E-07	4.25E-08	1.71E-04	1.43E-04	6.5E-06	1.2E-07	4.4E-08	0.0001
1889	494661.06, 3859251.99	0.06981	0.0776	0.07556	0.06505	0.06738	1.31E-04	6.8E-06	1.3E-07	7.5E-08	1.38E-04	1.61E-04	8.34E-06	1.27E-07	4.21E-08	1.69E-04	1.42E-04	6.4E-06	1.2E-07	4.4E-08	0.0001
1890	494711.06, 3859251.99	0.06912	0.07694	0.0749	0.06453	0.06654	1.30E-04	6.7E-06	1.3E-07	7.4E-08	1.37E-04	1.59E-04	8.27E-06	1.26E-07	4.16E-08	1.68E-04	1.40E-04	6.4E-06	1.2E-07	4.3E-08	0.0001
1891	494761.06, 3859251.99	0.06743	0.0752	0.07333	0.06325	0.06407	1.27E-04	6.6E-06	1.3E-07	7.2E-08	1.34E-04	1.55E-04	8.08E-06	1.24E-07	4.01E-08	1.64E-04	1.37E-04	6.2E-06	1.2E-07	4.1E-08	0.0001
1892	494811.06, 3859251.99	0.0671	0.07487	0.07295	0.06296	0.06395	1.26E-04	6.6E-06	1.2E-07	7.1E-08	1.33E-04	1.55E-04	8.05E-06	1.23E-07	4.00E-08	1.63E-04	1.36E-04	6.2E-06	1.2E-07	4.1E-08	0.0001
1893	494861.06, 3859251.99	0.06551	0.07322	0.07145	0.06177	0.06184	1.23E-04	6.4E-06	1.2E-07	6.9E-08	1.30E-04	1.51E-04	7.87E-06	1.21E-07	3.87E-08	1.59E-04	1.33E-04	6.1E-06	1.2E-07	4E-08	0.0001
1894	494911.06, 3859251.99	0.06402	0.07153	0.06985	0.06045	0.06011	1.20E-04	6.3E-06	1.2E-07	6.7E-08	1.27E-04	1.47E-04	7.69E-06	1.18E-07	3.76E-08	1.55E-04	1.30E-04	5.9E-06	1.1E-07	3.9E-08	0.0001
1895	494961.06, 3859251.99	0.06323	0.07071	0.06904	0.0598	0.05927	1.19E-04	6.2E-06	1.2E-07	6.6E-08	1.25E-04	1.46E-04	7.60E-06	1.17E-07	3.71E-08	1.53E-04	1.28E-04	5.8E-06	1.1E-07	3.8E-08	0.0001
1896	495011.06, 3859251.99	0.06227	0.06968	0.06805	0.059	0.05824	1.17E-04	6.1E-06	1.2E-07	6.5E-08	1.23E-04	1.43E-04	7.49E-06	1.16E-07	3.64E-08	1.51E-04	1.26E-04	5.8E-06	1.1E-07	3.8E-08	0.0001
1897	495061.06, 3859251.99	0.06228	0.06978	0.06808	0.05904	0.0584	1.17E-04	6.1E-06	1.2E-07	6.5E-08	1.23E-04	1.43E-04	7.50E-06	1.16E-07	3.65E-08	1.51E-04	1.26E-04	5.8E-06	1.1E-07	3.8E-08	0.0001
1898	495111.06, 3859251.99	0.06189	0.06939	0.06768	0.05873	0.05805	1.16E-04	6.1E-06	1.2E-07	6.5E-08	1.23E-04	1.43E-04	7.46E-06	1.15E-07	3.63E-08	1.50E-04	1.26E-04	5.7E-06	1.1E-07	3.7E-08	0.0001
1899	495161.06, 3859251.99	0.06168	0.06922	0.06748	0.05859	0.05794	1.16E-04	6.1E-06	1.2E-07	6.5E-08	1.22E-04	1.42E-04	7.44E-06	1.15E-07	3.62E-08	1.50E-04	1.25E-04	5.7E-06	1.1E-07	3.7E-08	0.0001
1900	495211.06, 3859251.99	0.06124	0.06878	0.06703	0.05824	0.05754	1.15E-04	6E-06	1.2E-07	6.4E-08	1.21E-04	1.41E-04	7.39E-06	1.14E-07	3.60E-08	1.49E-04	1.24E-04	5.7E-06	1.1E-07	3.7E-08	0.0001
1901	495261.06, 3859251.99	0.0611	0.06873	0.06698	0.05824	0.05742	1.15E-04	6E-06	1.2E-07	6.4E-08	1.21E-04	1.41E-04	7.39E-06	1.14E-07	3.59E-08	1.48E-04	1.24E-04	5.7E-06	1.1E-07	3.7E-08	0.0001
1902	495311.06, 3859251.99	0.06102	0.06865	0.06684	0.05813	0.05755	1.15E-04	6E-06	1.2E-07	6.4E-08	1.21E-04	1.41E-04	7.38E-06	1.14E-07	3.60E-08	1.48E-04	1.24E-04	5.7E-06	1.1E-07	3.7E-08	0.0001
1903	495361.06, 3859251.99	0.06075	0.06839	0.06657	0.05794	0.05736	1.14E-04	6E-06	1.2E-07	6.4E-08	1.20E-04	1.40E-04	7.35E-06	1.13E-07	3.59E-08	1.47E-04	1.23E-04	5.7E-06	1.1E-07	3.7E-08	0.0001
1904	495411.06, 3859251.99	0.06081	0.06851	0.06665	0.05803	0.05758	1.14E-04	6E-06	1.2E-07	6.4E-08	1.20E-04	1.40E-04	7.36E-06	1.14E-07	3.60E-08	1.48E-04	1.23E-04	5.7E-06	1.1E-07	3.7E-08	0.0001
1905	495461.06, 3859251.99	0.0605	0.0682	0.06634	0.05781	0.05734	1.14E-04	6E-06	1.1E-07	6.4E-08	1.20E-04	1.39E-04	7.33E-06	1.13E-07	3.59E-08	1.47E-04	1.23E-04	5.6E-06	1.1E-07	3.7E-08	0.0001
1906	495511.06, 3859251.99	0.0598	0.06743	0.06562	0.05725	0.05659	1.12E-04	5.9E-06	1.1E-07	6.3E-08	1.18E-04	1.38E-04	7.25E-06	1.12E-07	3.54E-08	1.45E-04	1.21E-04	5.6E-06	1.1E-07	3.7E-08	0.0001
1907	495561.06, 3859251.99	0.0594	0.067	0.06521	0.05694	0.05623	1.12E-04	5.9E-06	1.1E-07	6.3E-08	1.18E-04	1.37E-04	7.20E-06	1.12E-07	3.52E-08	1.44E-04	1.21E-04	5.5E-06	1.1E-07	3.6E-08	0.0001
1908	495611.06, 3859251.99	0.0588	0.06632	0.06458	0.05645	0.05559	1.10E-04	5.8E-06	1.1E-07	6.2E-08	1.16E-04	1.35E-04	7.13E-06	1.11E-07	3.48E-08	1.43E-04	1.19E-04	5.5E-06	1.1E-07	3.6E-08	0.0001
1909	495661.06, 3859251.99	0.05839	0.06589	0.06417	0.05614	0.05522	1.10E-04	5.8E-06	1.1E-07	6.2E-08	1.16E-04	1.34E-04	7.08E-06	1.10E-07	3.45E-08	1.42E-04	1.19E-04	5.4E-06	1.1E-07	3.6E-08	0.0001
1910	494311.06, 3859301.99	0.07483	0.08183	0.07957	0.06827	0.07491	1.41E-04	7.2E-06	1.4E-07	8.4E-08	1.48E-04	1.72E-04	8.80E-06	1.34E-07	4.69E-08	1.81E-04	1.52E-04	6.8E-06	1.3E-07	4.8E-08	0.0002
1911	494361.06, 3859301.99	0.07414	0.08118	0.07899	0.06781	0.07396	1.39E-04	7.1E-06	1.3E-07	8.3E-08	1.47E-04	1.71E-04	8.73E-06	1.33E-07	4.63E-08	1.80E-04	1.51E-04	6.7E-06	1.3E-07	4.8E-08	0.0002
1912	494411.06, 3859301.99	0.07328	0.08036	0.07827	0.06724	0.07266	1.38E-04	7E-06	1.3E-07	8.1E-08	1.45E-04	1.69E-04	8.64E-06	1.32E-07	4.54E-08	1.78E-04	1.49E-04	6.6E-06	1.3E-07	4.7E-08	0.0002
1913	494461.06, 3859301.99	0.07241	0.07952	0.07752	0.06665	0.07138	1.36E-04	7E-06	1.3E-07	8E-08	1.43E-04	1.67E-04	8.55E-06	1.31E-07	4.46E-08	1.75E-04	1.47E-04	6.6E-06	1.3E-07	4.6E-08	0.0002
1914	494511.06, 3859301.99	0.07162	0.07876	0.07683	0.0661	0.07027	1.35E-04	6.9E-06	1.3E-07	7.9E-08	1.42E-04	1.65E-04	8.47E-06	1.29E-07	4.39E-08	1.74E-04	1.45E-04	6.5E-06	1.3E-07	4.5E-08	0.0002
1915	494561.06, 3859301.99	0.07097	0.07815	0.07625	0.06563	0.06944	1.33E-04	6.9E-06	1.3E-07	7.8E-08	1.40E-04	1.63E-04	8.40E-06	1.29E-07	4.34E-08	1.72E-04	1.44E-04	6.5E-06	1.2E-07	4.5E-08	0.0002
1916	494611.06, 3859301.99	0.07025	0.07747	0.0756	0.06511	0.06849	1.32E-04	6.8E-06	1.3E-07	7.7E-08	1.39E-04	1.62E-04	8.33E-06	1.28E-07	4.28E-08	1.70E-04	1.43E-04	6.4E-06	1.2E-07	4.4E-08	0.0001

1917	494661.06, 3859301.99	0.06954	0.07679	0.07495	0.06459	0.06756	1.31E-04	6.7E-06	1.3E-07	7.5E-08	1.38E-04	1.60E-04	8.26E-06	1.27E-07	4.23E-08	1.69E-04	1.41E-04	6.4E-06	1.2E-07	4.4E-08	0.0001
1918	494711.06, 3859301.99	0.06867	0.07594	0.07415	0.06395	0.0664	1.29E-04	6.7E-06	1.3E-07	7.4E-08	1.36E-04	1.58E-04	8.16E-06	1.25E-07	4.15E-08	1.66E-04	1.39E-04	6.3E-06	1.2E-07	4.3E-08	0.0001
1919	494761.06, 3859301.99	0.0679	0.07518	0.07342	0.06336	0.0654	1.28E-04	6.6E-06	1.3E-07	7.3E-08	1.34E-04	1.56E-04	8.08E-06	1.24E-07	4.09E-08	1.65E-04	1.38E-04	6.2E-06	1.2E-07	4.2E-08	0.0001
1920	494811.06, 3859301.99	0.06678	0.07404	0.07236	0.0625	0.06389	1.25E-04	6.5E-06	1.2E-07	7.1E-08	1.32E-04	1.54E-04	7.96E-06	1.22E-07	4.00E-08	1.62E-04	1.36E-04	6.1E-06	1.2E-07	4.1E-08	0.0001
1921	494861.06, 3859301.99	0.0652	0.07237	0.07083	0.06126	0.06178	1.23E-04	6.3E-06	1.2E-07	6.9E-08	1.29E-04	1.50E-04	7.78E-06	1.20E-07	3.86E-08	1.58E-04	1.32E-04	6E-06	1.2E-07	4E-08	0.0001
1922	494911.06, 3859301.99	0.06438	0.07153	0.07001	0.06059	0.06082	1.21E-04	6.3E-06	1.2E-07	6.8E-08	1.27E-04	1.48E-04	7.69E-06	1.19E-07	3.80E-08	1.56E-04	1.31E-04	5.9E-06	1.2E-07	3.9E-08	0.0001
1923	494961.06, 3859301.99	0.06275	0.06978	0.06839	0.05927	0.05874	1.18E-04	6.1E-06	1.2E-07	6.6E-08	1.24E-04	1.45E-04	7.50E-06	1.16E-07	3.67E-08	1.52E-04	1.27E-04	5.8E-06	1.1E-07	3.8E-08	0.0001
1924	495011.06, 3859301.99	0.06213	0.06916	0.06776	0.05875	0.05809	1.17E-04	6.1E-06	1.2E-07	6.5E-08	1.23E-04	1.43E-04	7.43E-06	1.15E-07	3.63E-08	1.51E-04	1.26E-04	5.7E-06	1.1E-07	3.8E-08	0.0001
1925	495061.06, 3859301.99	0.06281	0.07007	0.06852	0.05941	0.05915	1.18E-04	6.1E-06	1.2E-07	6.6E-08	1.24E-04	1.45E-04	7.53E-06	1.16E-07	3.70E-08	1.52E-04	1.28E-04	5.8E-06	1.1E-07	3.8E-08	0.0001
1926	495111.06, 3859301.99	0.06193	0.06911	0.06759	0.05863	0.05814	1.16E-04	6.1E-06	1.2E-07	6.5E-08	1.23E-04	1.43E-04	7.43E-06	1.15E-07	3.64E-08	1.50E-04	1.26E-04	5.7E-06	1.1E-07	3.8E-08	0.0001
1927	495161.06, 3859301.99	0.06171	0.06892	0.06734	0.05844	0.05811	1.16E-04	6E-06	1.2E-07	6.5E-08	1.22E-04	1.42E-04	7.41E-06	1.14E-07	3.63E-08	1.50E-04	1.25E-04	5.7E-06	1.1E-07	3.8E-08	0.0001
1928	495211.06, 3859301.99	0.06185	0.06916	0.0675	0.05859	0.05846	1.16E-04	6.1E-06	1.2E-07	6.5E-08	1.22E-04	1.42E-04	7.43E-06	1.15E-07	3.66E-08	1.50E-04	1.26E-04	5.7E-06	1.1E-07	3.8E-08	0.0001
1929	495261.06, 3859301.99	0.06176	0.06913	0.06742	0.05854	0.05852	1.16E-04	6.1E-06	1.2E-07	6.5E-08	1.22E-04	1.42E-04	7.43E-06	1.15E-07	3.66E-08	1.50E-04	1.25E-04	5.7E-06	1.1E-07	3.8E-08	0.0001
1930	495311.06, 3859301.99	0.06115	0.06851	0.06681	0.05805	0.05787	1.15E-04	6E-06	1.2E-07	6.5E-08	1.21E-04	1.41E-04	7.36E-06	1.14E-07	3.62E-08	1.48E-04	1.24E-04	5.7E-06	1.1E-07	3.7E-08	0.0001
1931	495361.06, 3859301.99	0.06113	0.06855	0.0668	0.05807	0.05802	1.15E-04	6E-06	1.2E-07	6.5E-08	1.21E-04	1.41E-04	7.37E-06	1.14E-07	3.63E-08	1.48E-04	1.24E-04	5.7E-06	1.1E-07	3.7E-08	0.0001
1932	495411.06, 3859301.99	0.06092	0.06837	0.06659	0.05792	0.05791	1.14E-04	6E-06	1.1E-07	6.5E-08	1.21E-04	1.40E-04	7.35E-06	1.13E-07	3.62E-08	1.48E-04	1.24E-04	5.7E-06	1.1E-07	3.7E-08	0.0001
1933	495461.06, 3859301.99	0.06078	0.06827	0.06645	0.05783	0.05788	1.14E-04	6E-06	1.1E-07	6.5E-08	1.20E-04	1.40E-04	7.34E-06	1.13E-07	3.62E-08	1.47E-04	1.23E-04	5.6E-06	1.1E-07	3.7E-08	0.0001
1934	495511.06, 3859301.99	0.06024	0.0677	0.06591	0.0574	0.05731	1.13E-04	5.9E-06	1.1E-07	6.4E-08	1.19E-04	1.39E-04	7.28E-06	1.12E-07	3.58E-08	1.46E-04	1.22E-04	5.6E-06	1.1E-07	3.7E-08	0.0001
1935	495561.06, 3859301.99	0.05937	0.06675	0.06502	0.05669	0.05632	1.12E-04	5.9E-06	1.1E-07	6.3E-08	1.18E-04	1.37E-04	7.18E-06	1.11E-07	3.52E-08	1.44E-04	1.21E-04	5.5E-06	1.1E-07	3.6E-08	0.0001
1936	495611.06, 3859301.99	0.05898	0.06635	0.06463	0.0564	0.05597	1.11E-04	5.8E-06	1.1E-07	6.3E-08	1.17E-04	1.36E-04	7.13E-06	1.10E-07	3.50E-08	1.43E-04	1.20E-04	5.5E-06	1.1E-07	3.6E-08	0.0001
1937	495661.06, 3859301.99	0.05859	0.06594	0.06423	0.05609	0.0556	1.10E-04	5.8E-06	1.1E-07	6.2E-08	1.16E-04	1.35E-04	7.09E-06	1.10E-07	3.48E-08	1.42E-04	1.19E-04	5.5E-06	1.1E-07	3.6E-08	0.0001
1938	494311.06, 3859351.99	0.07421	0.08078	0.07852	0.06745	0.07489	1.39E-04	7.1E-06	1.3E-07	8.4E-08	1.47E-04	1.71E-04	8.68E-06	1.32E-07	4.68E-08	1.80E-04	1.51E-04	6.7E-06	1.3E-07	4.8E-08	0.0002
1939	494361.06, 3859351.99	0.07355	0.08014	0.07797	0.06703	0.07396	1.38E-04	7E-06	1.3E-07	8.3E-08	1.45E-04	1.69E-04	8.62E-06	1.31E-07	4.63E-08	1.78E-04	1.49E-04	6.6E-06	1.3E-07	4.8E-08	0.0002
1940	494411.06, 3859351.99	0.07267	0.07928	0.07725	0.06647	0.07254	1.37E-04	7E-06	1.3E-07	8.1E-08	1.44E-04	1.67E-04	8.52E-06	1.30E-07	4.54E-08	1.76E-04	1.48E-04	6.6E-06	1.3E-07	4.7E-08	0.0002
1941	494461.06, 3859351.99	0.07188	0.07852	0.07659	0.06595	0.07137	1.35E-04	6.9E-06	1.3E-07	8E-08	1.42E-04	1.66E-04	8.44E-06	1.29E-07	4.46E-08	1.74E-04	1.46E-04	6.5E-06	1.3E-07	4.6E-08	0.0002
1942	494511.06, 3859351.99	0.07116	0.07782	0.07598	0.06546	0.07035	1.34E-04	6.8E-06	1.3E-07	7.9E-08	1.41E-04	1.64E-04	8.37E-06	1.28E-07	4.40E-08	1.72E-04	1.44E-04	6.4E-06	1.2E-07	4.5E-08	0.0002
1943	494561.06, 3859351.99	0.0706	0.0773	0.07549	0.06507	0.06965	1.33E-04	6.8E-06	1.3E-07	7.8E-08	1.40E-04	1.63E-04	8.31E-06	1.27E-07	4.36E-08	1.71E-04	1.43E-04	6.4E-06	1.2E-07	4.5E-08	0.0001
1944	494611.06, 3859351.99	0.06995	0.07668	0.07492	0.06461	0.06879	1.31E-04	6.7E-06	1.3E-07	7.7E-08	1.38E-04	1.61E-04	8.24E-06	1.27E-07	4.30E-08	1.69E-04	1.42E-04	6.3E-06	1.2E-07	4.4E-08	0.0001
1945	494661.06, 3859351.99	0.06927	0.07602	0.07431	0.06412	0.06785	1.30E-04	6.7E-06	1.3E-07	7.6E-08	1.37E-04	1.60E-04	8.17E-06	1.26E-07	4.24E-08	1.68E-04	1.41E-04	6.3E-06	1.2E-07	4.4E-08	0.0001
1946	494711.06, 3859351.99	0.06839	0.07516	0.07353	0.06348	0.0666	1.29E-04	6.6E-06	1.3E-07	7.4E-08	1.35E-04	1.57E-04	8.08E-06	1.24E-07	4.17E-08	1.66E-04	1.39E-04	6.2E-06	1.2E-07	4.3E-08	0.0001
1947	494761.06, 3859351.99	0.06728	0.07411	0.07259	0.06273	0.06493	1.26E-04	6.5E-06	1.2E-07	7.3E-08	1.33E-04	1.55E-04	7.97E-06	1.23E-07	4.06E-08	1.63E-04	1.37E-04	6.1E-06	1.2E-07	4.2E-08	0.0001
1948	494811.06, 3859351.99	0.0657	0.07239	0.07104	0.06147	0.06269	1.23E-04	6.4E-06	1.2E-07	7E-08	1.30E-04	1.51E-04	7.78E-06	1.20E-07	3.92E-08	1.59E-04	1.33E-04	6E-06	1.2E-07	4E-08	0.0001
1949	494861.06, 3859351.99	0.06505	0.07177	0.07042	0.06097	0.06194	1.22E-04	6.3E-06	1.2E-07	6.9E-08	1.29E-04	1.50E-04	7.72E-06	1.19E-07	3.87E-08	1.58E-04	1.32E-04	5.9E-06	1.2E-07	4E-08	0.0001
1950	494911.06, 3859351.99	0.06461	0.07137	0.07	0.06062	0.0615	1.21E-04	6.3E-06	1.2E-07	6.9E-08	1.28E-04	1.49E-04	7.67E-06	1.19E-07	3.85E-08	1.57E-04	1.31E-04	5.9E-06	1.2E-07	4E-08	0.0001
1951	494961.06, 3859351.99	0.06386	0.07062	0.06927	0.06002	0.0606	1.20E-04	6.2E-06	1.2E-07	6.8E-08	1.26E-04	1.47E-04	7.59E-06	1.18E-07	3.79E-08	1.55E-04	1.30E-04	5.8E-06	1.1E-07	3.9E-08	0.0001
1952	495011.06, 3859351.99	0.06331	0.07009	0.06873	0.05958	0.06001	1.19E-04	6.1E-06	1.2E-07	6.7E-08	1.25E-04	1.46E-04	7.53E-06	1.17E-07	3.75E-08	1.53E-04	1.29E-04	5.8E-06	1.1E-07	3.9E-08	0.0001
1953	495061.06, 3859351.99	0.06356	0.07046	0.06898	0.05978	0.06057	1.19E-04	6.2E-06	1.2E-07	6.8E-08	1.26E-04	1.46E-04	7.57E-06	1.17E-07	3.79E-08	1.54E-04	1.29E-04	5.8E-06	1.1E-07	3.9E-08	0.0001
1954	495111.06, 3859351.99	0.06295	0.06986	0.06838	0.05929	0.05988	1.18E-04	6.1E-06	1.2E-07	6.7E-08	1.25E-04	1.45E-04	7.51E-06	1.16E-07	3.75E-08	1.53E-04	1.28E-04	5.8E-06	1.1E-07	3.9E-08	0.0001
1955	495161.06, 3859351.99	0.06264	0.0696	0.06808	0.05905	0.05964	1.18E-04	6.1E-06	1.2E-07	6.7E-08	1.24E-04	1.44E-04	7.48E-06	1.16E-07	3.73E-08	1.52E-04	1.27E-04	5.8E-06	1.1E-07	3.9E-08	0.0001
1956	495211.06, 3859351.99	0.0623	0.06929	0.06774	0.05878	0.05933	1.17E-04	6.1E-06	1.2E-07	6.6E-08	1.23E-04	1.43E-04	7.45E-06	1.15E-07	3.71E-08	1.51E-04	1.26E-04	5.7E-06	1.1E-07	3.8E-08	0.0001
1957	495261.06, 3859351.99	0.06216	0.06922	0.06761	0.05868	0.05934	1.17E-04	6.1E-06	1.2E-07	6.6E-08	1.23E-04	1.43E-04	7.44E-06	1.15E-07	3.71E-08	1.51E-04	1.26E-04	5.7E-06	1.1E-07	3.8E-08	0.0001
1958	495311.06, 3859351.99	0.06165	0.06872	0.06711	0.05828	0.0588	1.16E-04	6E-06	1.2E-07	6.6E-08	1.22E-04	1.42E-04	7.39E-06	1.14E-07	3.68E-08	1.50E-04	1.25E-04	5.7E-06	1.1E-07	3.8E-08	0.0001
1959	495361.06, 3859351.99	0.06134	0.06845	0.06681	0.05804	0.05855	1.15E-04	6E-06	1.2E-07	6.5E-08	1.21E-04	1.41E-04	7.36E-06	1.14E-07	3.66E-08	1.49E-04	1.25E-04	5.7E-06	1.1E-07	3.8E-08	0.0001
1960	495411.06, 3859351.99	0.06118	0.06833	0.06665	0.05792	0.0585	1.15E-04	6E-06	1.1E-07	6.5E-08	1.21E-04	1.41E-04	7.35E-06	1.13E-07	3.66E-08	1.48E-04	1.24E-04	5.7E-06	1.1E-07	3.8E-08	0.0001
1961	495461.06, 3859351.99	0.06111	0.06832	0.06658	0.05788	0.05861	1.15E-04	6E-06	1.1E-07	6.5E-08	1.21E-04	1.41E-04	7.34E-06	1.13E-07	3.67E-08	1.48E-04	1.24E-04	5.6E-06	1.1E-07	3.8E-08	0.0001
1962	495511.06, 3859351.99	0.06041	0.06759	0.06589	0.05733	0.05778	1.14E-04	5.9E-06	1.1E-07	6.5E-08	1.20E-04	1.39E-04	7.27E-06	1.12E-07	3.61E-08	1.47E-04	1.23E-04	5.6E-06	1.1E-07	3.7E-08	0.0001
1963	495561.06, 3859351.99	0.05988	0.06705	0.06536	0.05691	0.05721	1.13E-04	5.9E-06	1.1E-07	6.4E-08	1.19E-04	1.38E-04	7.21E-06	1.11E-07	3.58E-08	1.45E-04	1.22E-04	5.5E-06	1.1E-07	3.7E-08	0.0001
1964	495611.06, 3859351.99	0.0595	0.06668	0.06499	0.05662	0.05685	1.12E-04	5.8E-06	1.1E-07	6.4E-08	1.18E-04	1.37E-04	7.17E-06	1.11E-07	3.56E-08	1.44E-04	1.21E-04	5.5E-06	1.1E-07	3.7E-08	0.0001
1965	495661.06, 3859351.99	0.05878	0.06591	0.06426	0.05604	0.05603	1.10E-04	5.8E-06	1.1E-07	6.3E-08	1.16E-04	1.35E-04	7.09E-06	1.10E-07	3.50E-08	1.43E-04	1.19E-04	5.5E-06	1.1E-07	3.6E-08	0.0001
1966	494311.06, 3859401.99	0.07368	0.07992	0.07754	0.06666	0.07518	1.38E-04	7E-06	1.3E-07	8.4E-08	1.46E-04	1.70E-04	8.59E-06	1.31E-07	4.70E-08	1.78E-04	1.50E-04	6.6E-06	1.3E-07	4.9E-08	0.0002
1967	494361.06, 3859401.99	0.07287	0.07911	0.07689	0.06619	0.07382	1.37E-04	6.9E-06	1.3E-07	8.2E-08	1.44E-04	1.68E-04	8.50E-06	1.30E-07	4.62E-08	1.76E-04	1.48E-04	6.5E-06	1.3E-07	4.8E-08	0.0002
1968	494411.06, 3859401.99	0.07202	0.07826	0.07621	0.06567	0.07238	1.35E-04	6.9E-06	1.3E-07	8.1E-08	1.42E-04	1.66E-04	8.41E-06	1.29E-07	4.53E-08	1.74E-04	1.46E-04	6.5E-06	1.2E-07	4.7E-08	0.0002
1969	494461.06, 3859401.99	0.07133	0.07759	0.07564	0.06523	0.07138	1.34E-04	6.8E-06	1.3E-07	8E-08	1.41E-04	1.64E-04	8.34E-06	1.28E-07	4.46E-08	1.73E-04	1.45E-04	6.4E-06	1.2E-07	4.6E-08	0.0002
1970	494511.06, 3859401.99	0.07084	0.07711	0.07522	0.06489	0.07079	1.33E-04	6.8E-06	1.3E-07	7.9E-08	1.40E-04	1.63E-04	8.29E-06	1.27E-07	4.43E-08	1.72E-04	1.44E-04	6.4E-06	1.2E-07	4.6E-08	0.0002
1971	494561.06, 3859401.99	0.07026	0.07655	0.07473	0.0645	0.07002	1.32E-04	6.7E-06	1.3E-07	7.8E-08	1.39E-04	1.62E-04	8.23E-06	1.26E-07	4.38E-08	1.70E-04	1.43E-04	6.3E-06	1.2E-07	4.5E-08	0.0001
1972	494611.06, 3859401.99	0.06957	0.07587	0.07414	0.06403	0.069	1.31E-04	6.7E-06	1.3E-07	7.7E-08	1.38E-04	1.60E-04	8.16E-06	1.25E-07	4.32E-08	1.69E-04	1.41E-04	6.3E-06	1.2E-07	4.5E-08	0.0001
1973	494661.06, 3859401.99	0.06904	0.07537	0.07368	0.06365	0.06835	1.30E-04	6.6E-06	1.3E-07	7.6E-08	1.37E-04	1.59E-04	8.10E-06	1.25E-07	4.27E-08	1.67E-04	1.40E-04	6.2E-06	1.2E-07	4.4E-08	0.0001
1974	494711.06, 3859401.99	0.06842	0.07477	0.07314	0.06321	0.06749	1.29E-04	6.6E-06	1.3E-07	7.5E-08	1.35E-04	1.58E-04	8.04E-06	1.24E-07	4.22E-08	1.66E-04	1.39E-04	6.2E-06	1.2E-07	4.4E-08	0.0001
1975	494761.06, 3859401.99	0.06729	0.07372	0.07223	0.0625	0.06571	1.26E-04	6.5E-06	1.2E-07	7.3E-08	1.33E-04	1.55E-04	7.93E-06	1.22E-07	4.11E-08	1.63E-04	1.37E-04	6.1E-06	1.2E-07	4.2E-08	0.0001
1976	494811.06, 3859401.99	0.06639	0.07275	0.07136	0.06178	0.06441	1.25E-04	6.4E-06	1.2E-07	7.2E-08	1.31E-04	1.53E-04	7.82E-06	1.21E-07	4.03E-08	1.61E-04	1.35E-04	6E-06	1.2E-07	4.2E-08	0.0001
1977	494861.06, 3859401.99	0.06525	0.07159	0.07031	0.06093	0.06275	1.23E-04	6.3E-06	1.2E-07	7E-08	1.29E-04	1.50E-04	7.70E-06	1.19E-07	3.92E-08	1.58E-04	1.32E-04	5.9E-06	1.2E-07	4.1E-08	0.0001
1978	494911.06, 3859401.99	0.06453	0.07092	0.06968	0.06041	0.06172	1.21E-04	6.2E-06	1.2E-07	6.9E-08	1.28E-04	1.49E-04	7.62E-06	1.18E-07	3.86E-08	1.56E-04	1.31E-04	5.9E-06	1.1E-07	4E-08	0.0001
1979	494961.06, 3859401.99	0.06409	0.07047	0.06922	0.06003	0.06137	1.20E-04	6.2E-06	1.2E-07	6.9E-08	1.27E-04	1.48E-04	7.58E-06	1.18E-07	3.84E-08	1.55E-04	1.30E-04	5.8E-06	1.1E-07	4E-08	0.0001
1980	495011.06, 3859401.99	0.06378	0.07021	0.06893	0.05978	0.06112	1.20E-04	6.2E-06	1.2E-07	6.8E-08	1.26E-04	1.47E-04	7.55E-06	1.17E-07	3.82E-08	1.55E-04	1.29E-04	5.8E-06	1.1E-07	3.9E-08	0.0001

1981	495061.06, 3859401.99	0.0636	0.07014	0.06881	0.05969	0.06099	1.20E-04	6.2E-06	1.2E-07	6.8E-08	1.26E-04	1.46E-04	7.54E-06	1.17E-07	3.81E-08	1.54E-04	1.29E-04	5.8E-06	1.1E-07	3.9E-08	0.0001
1982	495111.06, 3859401.99	0.06298	0.06953	0.06821	0.05918	0.06021	1.18E-04	6.1E-06	1.2E-07	6.7E-08	1.25E-04	1.45E-04	7.47E-06	1.16E-07	3.77E-08	1.53E-04	1.28E-04	5.8E-06	1.1E-07	3.9E-08	0.0001
1983	495161.06, 3859401.99	0.06274	0.0693	0.06793	0.05895	0.06016	1.18E-04	6.1E-06	1.2E-07	6.7E-08	1.24E-04	1.44E-04	7.45E-06	1.15E-07	3.76E-08	1.52E-04	1.27E-04	5.7E-06	1.1E-07	3.9E-08	0.0001
1984	495211.06, 3859401.99	0.06262	0.06925	0.06781	0.05885	0.06021	1.18E-04	6.1E-06	1.2E-07	6.7E-08	1.24E-04	1.44E-04	7.44E-06	1.15E-07	3.77E-08	1.52E-04	1.27E-04	5.7E-06	1.1E-07	3.9E-08	0.0001
1985	495261.06, 3859401.99	0.0623	0.06897	0.0675	0.05859	0.05993	1.17E-04	6.1E-06	1.2E-07	6.7E-08	1.23E-04	1.43E-04	7.41E-06	1.15E-07	3.75E-08	1.51E-04	1.26E-04	5.7E-06	1.1E-07	3.9E-08	0.0001
1986	495311.06, 3859401.99	0.06193	0.06864	0.06714	0.0583	0.05957	1.16E-04	6E-06	1.2E-07	6.7E-08	1.23E-04	1.43E-04	7.38E-06	1.14E-07	3.73E-08	1.50E-04	1.26E-04	5.7E-06	1.1E-07	3.8E-08	0.0001
1987	495361.06, 3859401.99	0.06187	0.06864	0.06708	0.05825	0.0597	1.16E-04	6E-06	1.2E-07	6.7E-08	1.22E-04	1.42E-04	7.38E-06	1.14E-07	3.73E-08	1.50E-04	1.26E-04	5.7E-06	1.1E-07	3.9E-08	0.0001
1988	495411.06, 3859401.99	0.06162	0.06844	0.06684	0.05806	0.05954	1.16E-04	6E-06	1.2E-07	6.7E-08	1.22E-04	1.42E-04	7.36E-06	1.14E-07	3.72E-08	1.49E-04	1.25E-04	5.7E-06	1.1E-07	3.8E-08	0.0001
1989	495461.06, 3859401.99	0.06117	0.06802	0.06641	0.05771	0.05906	1.15E-04	6E-06	1.1E-07	6.6E-08	1.21E-04	1.41E-04	7.31E-06	1.13E-07	3.69E-08	1.48E-04	1.24E-04	5.6E-06	1.1E-07	3.8E-08	0.0001
1990	495511.06, 3859401.99	0.06053	0.06738	0.06579	0.05721	0.05828	1.14E-04	5.9E-06	1.1E-07	6.5E-08	1.20E-04	1.39E-04	7.24E-06	1.12E-07	3.65E-08	1.47E-04	1.23E-04	5.6E-06	1.1E-07	3.8E-08	0.0001
1991	495561.06, 3859401.99	0.05978	0.0666	0.06505	0.05662	0.05734	1.12E-04	5.8E-06	1.1E-07	6.4E-08	1.18E-04	1.38E-04	7.16E-06	1.11E-07	3.59E-08	1.45E-04	1.21E-04	5.5E-06	1.1E-07	3.7E-08	0.0001
1992	495611.06, 3859401.99	0.05935	0.06618	0.06463	0.05628	0.0569	1.12E-04	5.8E-06	1.1E-07	6.4E-08	1.18E-04	1.37E-04	7.11E-06	1.10E-07	3.56E-08	1.44E-04	1.21E-04	5.5E-06	1.1E-07	3.7E-08	0.0001
1993	495661.06, 3859401.99	0.05899	0.06584	0.06428	0.05601	0.05656	1.11E-04	5.8E-06	1.1E-07	6.3E-08	1.17E-04	1.36E-04	7.08E-06	1.10E-07	3.54E-08	1.43E-04	1.20E-04	5.4E-06	1.1E-07	3.7E-08	0.0001
1994	494311.06, 3859451.99	0.07282	0.0788	0.07633	0.06569	0.07468	1.37E-04	6.9E-06	1.3E-07	8.3E-08	1.44E-04	1.68E-04	8.47E-06	1.29E-07	4.67E-08	1.76E-04	1.48E-04	6.5E-06	1.2E-07	4.8E-08	0.0002
1995	494361.06, 3859451.99	0.07212	0.07809	0.07578	0.06529	0.07353	1.36E-04	6.9E-06	1.3E-07	8.2E-08	1.43E-04	1.66E-04	8.39E-06	1.28E-07	4.60E-08	1.75E-04	1.46E-04	6.5E-06	1.2E-07	4.7E-08	0.0002
1996	494411.06, 3859451.99	0.07115	0.07712	0.07502	0.06474	0.07175	1.34E-04	6.8E-06	1.3E-07	8E-08	1.41E-04	1.64E-04	8.29E-06	1.27E-07	4.49E-08	1.72E-04	1.44E-04	6.4E-06	1.2E-07	4.6E-08	0.0002
1997	494461.06, 3859451.99	0.07074	0.0767	0.07467	0.06446	0.07135	1.33E-04	6.7E-06	1.3E-07	8E-08	1.40E-04	1.63E-04	8.25E-06	1.26E-07	4.46E-08	1.71E-04	1.44E-04	6.3E-06	1.2E-07	4.6E-08	0.0002
1998	494511.06, 3859451.99	0.07011	0.07607	0.07414	0.06406	0.07042	1.32E-04	6.7E-06	1.3E-07	7.9E-08	1.39E-04	1.61E-04	8.18E-06	1.25E-07	4.40E-08	1.70E-04	1.42E-04	6.3E-06	1.2E-07	4.5E-08	0.0001
1999	494561.06, 3859451.99	0.06958	0.07554	0.0737	0.0637	0.06972	1.31E-04	6.6E-06	1.3E-07	7.8E-08	1.38E-04	1.60E-04	8.12E-06	1.25E-07	4.36E-08	1.69E-04	1.41E-04	6.2E-06	1.2E-07	4.5E-08	0.0001
2000	494611.06, 3859451.99	0.06923	0.07519	0.07338	0.06344	0.06941	1.30E-04	6.6E-06	1.3E-07	7.8E-08	1.37E-04	1.59E-04	8.08E-06	1.24E-07	4.34E-08	1.68E-04	1.41E-04	6.2E-06	1.2E-07	4.5E-08	0.0001
2001	494661.06, 3859451.99	0.06854	0.07451	0.07281	0.06299	0.06837	1.29E-04	6.5E-06	1.3E-07	7.6E-08	1.36E-04	1.58E-04	8.01E-06	1.23E-07	4.28E-08	1.66E-04	1.39E-04	6.2E-06	1.2E-07	4.4E-08	0.0001
2002	494711.06, 3859451.99	0.06784	0.07382	0.07223	0.06253	0.06732	1.27E-04	6.5E-06	1.2E-07	7.5E-08	1.34E-04	1.56E-04	7.94E-06	1.22E-07	4.21E-08	1.64E-04	1.38E-04	6.1E-06	1.2E-07	4.3E-08	0.0001
2003	494761.06, 3859451.99	0.06724	0.07324	0.07171	0.06211	0.0665	1.26E-04	6.4E-06	1.2E-07	7.4E-08	1.33E-04	1.55E-04	7.87E-06	1.22E-07	4.16E-08	1.63E-04	1.37E-04	6.1E-06	1.2E-07	4.3E-08	0.0001
2004	494811.06, 3859451.99	0.06634	0.07234	0.07093	0.06149	0.06509	1.25E-04	6.3E-06	1.2E-07	7.3E-08	1.31E-04	1.53E-04	7.78E-06	1.20E-07	4.07E-08	1.61E-04	1.35E-04	6E-06	1.2E-07	4.2E-08	0.0001
2005	494861.06, 3859451.99	0.06557	0.07157	0.07025	0.06094	0.06397	1.23E-04	6.3E-06	1.2E-07	7.1E-08	1.30E-04	1.51E-04	7.69E-06	1.19E-07	4.00E-08	1.59E-04	1.33E-04	5.9E-06	1.2E-07	4.1E-08	0.0001
2006	494911.06, 3859451.99	0.06497	0.07099	0.06971	0.06049	0.06319	1.22E-04	6.2E-06	1.2E-07	7.1E-08	1.29E-04	1.50E-04	7.63E-06	1.18E-07	3.95E-08	1.57E-04	1.32E-04	5.9E-06	1.2E-07	4.1E-08	0.0001
2007	494961.06, 3859451.99	0.0646	0.07065	0.06937	0.0602	0.06282	1.21E-04	6.2E-06	1.2E-07	7E-08	1.28E-04	1.49E-04	7.60E-06	1.18E-07	3.93E-08	1.57E-04	1.31E-04	5.8E-06	1.1E-07	4.1E-08	0.0001
2008	495011.06, 3859451.99	0.06414	0.07021	0.06895	0.05985	0.06228	1.21E-04	6.2E-06	1.2E-07	7E-08	1.27E-04	1.48E-04	7.55E-06	1.17E-07	3.90E-08	1.55E-04	1.30E-04	5.8E-06	1.1E-07	4E-08	0.0001
2009	495061.06, 3859451.99	0.06368	0.06978	0.06852	0.05949	0.06176	1.20E-04	6.1E-06	1.2E-07	6.9E-08	1.26E-04	1.47E-04	7.50E-06	1.17E-07	3.86E-08	1.54E-04	1.29E-04	5.8E-06	1.1E-07	4E-08	0.0001
2010	495111.06, 3859451.99	0.06321	0.06934	0.06808	0.05912	0.06121	1.19E-04	6.1E-06	1.2E-07	6.8E-08	1.25E-04	1.46E-04	7.45E-06	1.16E-07	3.83E-08	1.53E-04	1.28E-04	5.7E-06	1.1E-07	4E-08	0.0001
2011	495161.06, 3859451.99	0.06297	0.06915	0.06786	0.05893	0.06106	1.18E-04	6.1E-06	1.2E-07	6.8E-08	1.25E-04	1.45E-04	7.43E-06	1.15E-07	3.82E-08	1.53E-04	1.28E-04	5.7E-06	1.1E-07	3.9E-08	0.0001
2012	495211.06, 3859451.99	0.0628	0.06904	0.0677	0.05879	0.06104	1.18E-04	6.1E-06	1.2E-07	6.8E-08	1.24E-04	1.45E-04	7.42E-06	1.15E-07	3.82E-08	1.52E-04	1.28E-04	5.7E-06	1.1E-07	3.9E-08	0.0001
2013	495261.06, 3859451.99	0.06261	0.0689	0.0675	0.05862	0.06096	1.18E-04	6E-06	1.2E-07	6.8E-08	1.24E-04	1.44E-04	7.41E-06	1.15E-07	3.81E-08	1.52E-04	1.27E-04	5.7E-06	1.1E-07	3.9E-08	0.0001
2014	495311.06, 3859451.99	0.06223	0.06856	0.06715	0.05833	0.06058	1.17E-04	6E-06	1.2E-07	6.8E-08	1.23E-04	1.43E-04	7.37E-06	1.14E-07	3.79E-08	1.51E-04	1.26E-04	5.7E-06	1.1E-07	3.9E-08	0.0001
2015	495361.06, 3859451.99	0.06193	0.06831	0.06687	0.05809	0.06032	1.16E-04	6E-06	1.2E-07	6.7E-08	1.23E-04	1.43E-04	7.34E-06	1.14E-07	3.77E-08	1.50E-04	1.26E-04	5.6E-06	1.1E-07	3.9E-08	0.0001
2016	495411.06, 3859451.99	0.06154	0.06795	0.0665	0.05778	0.0599	1.16E-04	6E-06	1.1E-07	6.7E-08	1.22E-04	1.42E-04	7.30E-06	1.13E-07	3.75E-08	1.49E-04	1.25E-04	5.6E-06	1.1E-07	3.9E-08	0.0001
2017	495461.06, 3859451.99	0.06123	0.06768	0.06619	0.05754	0.05961	1.15E-04	5.9E-06	1.1E-07	6.7E-08	1.21E-04	1.41E-04	7.28E-06	1.13E-07	3.73E-08	1.48E-04	1.24E-04	5.6E-06	1.1E-07	3.9E-08	0.0001
2018	495511.06, 3859451.99	0.06052	0.06698	0.06553	0.057	0.05867	1.14E-04	5.9E-06	1.1E-07	6.6E-08	1.20E-04	1.39E-04	7.20E-06	1.12E-07	3.67E-08	1.47E-04	1.23E-04	5.5E-06	1.1E-07	3.8E-08	0.0001
2019	495561.06, 3859451.99	0.06006	0.06654	0.06509	0.05664	0.05816	1.13E-04	5.8E-06	1.1E-07	6.5E-08	1.19E-04	1.38E-04	7.15E-06	1.11E-07	3.64E-08	1.46E-04	1.22E-04	5.5E-06	1.1E-07	3.8E-08	0.0001
2020	495611.06, 3859451.99	0.05962	0.06612	0.06466	0.05629	0.05766	1.12E-04	5.8E-06	1.1E-07	6.4E-08	1.18E-04	1.37E-04	7.11E-06	1.10E-07	3.61E-08	1.45E-04	1.21E-04	5.5E-06	1.1E-07	3.7E-08	0.0001
2021	495661.06, 3859451.99	0.05921	0.06573	0.06426	0.05597	0.05722	1.11E-04	5.8E-06	1.1E-07	6.4E-08	1.17E-04	1.36E-04	7.07E-06	1.10E-07	3.58E-08	1.44E-04	1.20E-04	5.4E-06	1.1E-07	3.7E-08	0.0001
2022	494311.06, 3859501.99	0.07205	0.07781	0.07521	0.06475	0.07444	1.35E-04	6.8E-06	1.3E-07	8.3E-08	1.42E-04	1.66E-04	8.36E-06	1.27E-07	4.66E-08	1.74E-04	1.46E-04	6.4E-06	1.2E-07	4.8E-08	0.0002
2023	494361.06, 3859501.99	0.07139	0.07715	0.07469	0.06439	0.07332	1.34E-04	6.8E-06	1.3E-07	8.2E-08	1.41E-04	1.64E-04	8.29E-06	1.26E-07	4.59E-08	1.73E-04	1.45E-04	6.4E-06	1.2E-07	4.7E-08	0.0002
2024	494411.06, 3859501.99	0.07029	0.07606	0.07386	0.06383	0.07114	1.32E-04	6.7E-06	1.3E-07	7.9E-08	1.39E-04	1.62E-04	8.18E-06	1.25E-07	4.45E-08	1.70E-04	1.43E-04	6.3E-06	1.2E-07	4.6E-08	0.0001
2025	494461.06, 3859501.99	0.07016	0.07589	0.0737	0.06367	0.07139	1.32E-04	6.7E-06	1.3E-07	8E-08	1.39E-04	1.62E-04	8.16E-06	1.25E-07	4.47E-08	1.70E-04	1.42E-04	6.3E-06	1.2E-07	4.6E-08	0.0001
2026	494511.06, 3859501.99	0.0695	0.07522	0.07317	0.06328	0.07034	1.31E-04	6.6E-06	1.3E-07	7.9E-08	1.37E-04	1.60E-04	8.09E-06	1.24E-07	4.40E-08	1.68E-04	1.41E-04	6.2E-06	1.2E-07	4.5E-08	0.0001
2027	494561.06, 3859501.99	0.06892	0.07463	0.0727	0.06292	0.06949	1.30E-04	6.5E-06	1.2E-07	7.8E-08	1.36E-04	1.59E-04	8.02E-06	1.23E-07	4.35E-08	1.67E-04	1.40E-04	6.2E-06	1.2E-07	4.5E-08	0.0001
2028	494611.06, 3859501.99	0.06883	0.07452	0.07258	0.06279	0.06981	1.29E-04	6.5E-06	1.2E-07	7.8E-08	1.36E-04	1.59E-04	8.01E-06	1.23E-07	4.37E-08	1.67E-04	1.40E-04	6.2E-06	1.2E-07	4.5E-08	0.0001
2029	494661.06, 3859501.99	0.0681	0.07379	0.07199	0.06235	0.0686	1.28E-04	6.5E-06	1.2E-07	7.7E-08	1.35E-04	1.57E-04	7.93E-06	1.22E-07	4.29E-08	1.65E-04	1.38E-04	6.1E-06	1.2E-07	4.4E-08	0.0001
2030	494711.06, 3859501.99	0.06723	0.07292	0.07128	0.06181	0.0671	1.26E-04	6.4E-06	1.2E-07	7.5E-08	1.33E-04	1.55E-04	7.84E-06	1.21E-07	4.20E-08	1.63E-04	1.37E-04	6E-06	1.2E-07	4.3E-08	0.0001
2031	494761.06, 3859501.99	0.06699	0.07269	0.07106	0.06161	0.06702	1.26E-04	6.4E-06	1.2E-07	7.5E-08	1.32E-04	1.54E-04	7.81E-06	1.21E-07	4.19E-08	1.62E-04	1.36E-04	6E-06	1.2E-07	4.3E-08	0.0001
2032	494811.06, 3859501.99	0.06587	0.07155	0.07013	0.06089	0.06505	1.24E-04	6.3E-06	1.2E-07	7.3E-08	1.30E-04	1.52E-04	7.69E-06	1.19E-07	4.07E-08	1.60E-04	1.34E-04	5.9E-06	1.2E-07	4.2E-08	0.0001
2033	494861.06, 3859501.99	0.06536	0.07106	0.06969	0.06053	0.06441	1.23E-04	6.2E-06	1.2E-07	7.2E-08	1.29E-04	1.51E-04	7.64E-06	1.19E-07	4.03E-08	1.58E-04	1.33E-04	5.9E-06	1.2E-07	4.2E-08	0.0001
2034	494911.06, 3859501.99	0.06503	0.07074	0.06939	0.06027	0.0641	1.22E-04	6.2E-06	1.2E-07	7.2E-08	1.29E-04	1.50E-04	7.60E-06	1.18E-07	4.01E-08	1.58E-04	1.32E-04	5.9E-06	1.1E-07	4.1E-08	0.0001
2035	494961.06, 3859501.99	0.0644	0.07012	0.06884	0.05983	0.06322	1.21E-04	6.2E-06	1.2E-07	7.1E-08	1.27E-04	1.48E-04	7.54E-06	1.17E-07	3.95E-08	1.56E-04	1.31E-04	5.8E-06	1.1E-07	4.1E-08	0.0001
2036	495011.06, 3859501.99	0.06409	0.06983	0.06855	0.05958	0.06294	1.20E-04	6.1E-06	1.2E-07	7E-08	1.27E-04	1.48E-04	7.51E-06	1.17E-07	3.94E-08	1.55E-04	1.30E-04	5.8E-06	1.1E-07	4.1E-08	0.0001
2037	495061.06, 3859501.99	0.06379	0.06955	0.06828	0.05934	0.06268	1.20E-04	6.1E-06	1.2E-07	7E-08	1.26E-04	1.47E-04	7.48E-06	1.16E-07	3.92E-08	1.55E-04	1.30E-04	5.8E-06	1.1E-07	4E-08	0.0001
2038	495111.06, 3859501.99	0.06319	0.06897	0.06774	0.05889	0.06185	1.19E-04	6.1E-06	1.2E-07	6.9E-08	1.25E-04	1.46E-04	7.41E-06	1.15E-07	3.87E-08	1.53E-04	1.28E-04	5.7E-06	1.1E-07	4E-08	0.0001
2039	495161.06, 3859501.99	0.06291	0.06872	0.06748	0.05867	0.06163	1.18E-04	6E-06	1.2E-07	6.9E-08	1.24E-04	1.45E-04	7.39E-06	1.15E-07	3.85E-08	1.52E-04	1.28E-04	5.7E-06	1.1E-07	4E-08	0.0001
2040	495211.06, 3859501.99	0.06276	0.06862	0.06733	0.05853	0.06165	1.18E-04	6E-06	1.2E-07	6.9E-08	1.24E-04	1.45E-04	7.38E-06	1.15E-07	3.86E-08	1.52E-04	1.27E-04	5.7E-06	1.1E-07	4E-08	0.0001
2041	495261.06, 3859501.99	0.06248	0.06837	0.06707	0.0583	0.06141	1.17E-04	6E-06	1.2E-07	6.9E-08	1.24E-04	1.44E-04	7.35E-06	1.14E-07	3.84E-08	1.51E-04	1.27E-04	5.7E-06	1.1E-07	4E-08	0.0001
2042	495311.06, 3859501.99	0.06225	0.06819	0.06685	0.05811	0.06128	1.17E-04	6E-06	1.2E-07	6.8E-08	1.23E-04	1.43E-04	7.33E-06	1.14E-07	3.83E-08	1.51E-04	1.26E-04	5.6E-06	1.1E-07	4E-08	0.0001
2043	495361.06, 3859501.99	0.06192	0.06789	0.06654	0.05785	0.06094	1.16E-04	6E-06	1.1E-07	6.8E-08	1.22E-04	1.43E-04	7.30E-06	1.13E-07	3.81E-08	1.50E-04	1.26E-04	5.6E-06	1.1E-07	3.9E-08	0.0001
2044	495411.06, 3859501.99	0.0616	0.06762	0.06625	0.0576	0.06064	1.16E-04	5.9E-06	1.1E-07	6.8E-08	1.22E-04	1.42E-04	7.27E-06	1.13E-07	3.79E-08	1.49E-04	1.25E-04	5.6E-06	1.1E-07	3.9E-08	0.0001

2045	495461.06, 3859501.99	0.06122	0.06727	0.06589	0.0573	0.06021	1.15E-04	5.9E-06	1.1E-07	6.7E-08	1.21E-04	1.41E-04	7.23E-06	1.12E-07	3.77E-08	1.48E-04	1.24E-04	5.6E-06	1.1E-07	3.9E-08	0.0001
2046	495511.06, 3859501.99	0.06043	0.06653	0.06521	0.05676	0.05899	1.14E-04	5.8E-06	1.1E-07	6.6E-08	1.20E-04	1.39E-04	7.15E-06	1.11E-07	3.69E-08	1.46E-04	1.23E-04	5.5E-06	1.1E-07	3.8E-08	0.0001
2047	495561.06, 3859501.99	0.06021	0.06632	0.06496	0.05654	0.05892	1.13E-04	5.8E-06	1.1E-07	6.6E-08	1.19E-04	1.39E-04	7.13E-06	1.11E-07	3.69E-08	1.46E-04	1.22E-04	5.5E-06	1.1E-07	3.8E-08	0.0001
2048	495611.06, 3859501.99	0.05975	0.06588	0.06453	0.05618	0.05836	1.12E-04	5.8E-06	1.1E-07	6.5E-08	1.18E-04	1.38E-04	7.08E-06	1.10E-07	3.65E-08	1.45E-04	1.21E-04	5.4E-06	1.1E-07	3.8E-08	0.0001
2049	495661.06, 3859501.99	0.05924	0.06539	0.06405	0.05579	0.05772	1.11E-04	5.7E-06	1.1E-07	6.4E-08	1.17E-04	1.36E-04	7.03E-06	1.09E-07	3.61E-08	1.44E-04	1.20E-04	5.4E-06	1.1E-07	3.7E-08	0.0001
2050	494311.06, 3859551.99	0.0712	0.07678	0.07407	0.06376	0.07403	1.34E-04	6.7E-06	1.3E-07	8.3E-08	1.41E-04	1.64E-04	8.25E-06	1.25E-07	4.63E-08	1.72E-04	1.45E-04	6.3E-06	1.2E-07	4.8E-08	0.0002
2051	494361.06, 3859551.99	0.07048	0.07612	0.07356	0.06343	0.07272	1.32E-04	6.7E-06	1.3E-07	8.1E-08	1.39E-04	1.62E-04	8.18E-06	1.24E-07	4.55E-08	1.71E-04	1.43E-04	6.3E-06	1.2E-07	4.7E-08	0.0001
2052	494411.06, 3859551.99	0.06945	0.07509	0.07276	0.06292	0.07051	1.31E-04	6.6E-06	1.2E-07	7.9E-08	1.37E-04	1.60E-04	8.07E-06	1.23E-07	4.41E-08	1.68E-04	1.41E-04	6.2E-06	1.2E-07	4.6E-08	0.0001
2053	494461.06, 3859551.99	0.06943	0.07498	0.07265	0.0628	0.07112	1.30E-04	6.6E-06	1.2E-07	7.9E-08	1.37E-04	1.60E-04	8.06E-06	1.23E-07	4.45E-08	1.68E-04	1.41E-04	6.2E-06	1.2E-07	4.6E-08	0.0001
2054	494511.06, 3859551.99	0.06882	0.07436	0.07217	0.06245	0.07015	1.29E-04	6.5E-06	1.2E-07	7.8E-08	1.36E-04	1.58E-04	7.99E-06	1.22E-07	4.39E-08	1.67E-04	1.40E-04	6.1E-06	1.2E-07	4.5E-08	0.0001
2055	494561.06, 3859551.99	0.06833	0.07385	0.07176	0.06215	0.06948	1.28E-04	6.5E-06	1.2E-07	7.8E-08	1.35E-04	1.57E-04	7.94E-06	1.22E-07	4.35E-08	1.65E-04	1.39E-04	6.1E-06	1.2E-07	4.5E-08	0.0001
2056	494611.06, 3859551.99	0.06801	0.0735	0.07148	0.06191	0.06924	1.28E-04	6.4E-06	1.2E-07	7.7E-08	1.34E-04	1.57E-04	7.90E-06	1.21E-07	4.33E-08	1.65E-04	1.38E-04	6.1E-06	1.2E-07	4.5E-08	0.0001
2057	494661.06, 3859551.99	0.06758	0.07305	0.07111	0.06163	0.06871	1.27E-04	6.4E-06	1.2E-07	7.7E-08	1.34E-04	1.56E-04	7.85E-06	1.21E-07	4.30E-08	1.64E-04	1.37E-04	6E-06	1.2E-07	4.4E-08	0.0001
2058	494711.06, 3859551.99	0.0664	0.07187	0.07018	0.06096	0.06641	1.25E-04	6.3E-06	1.2E-07	7.4E-08	1.31E-04	1.53E-04	7.73E-06	1.19E-07	4.15E-08	1.61E-04	1.35E-04	5.9E-06	1.2E-07	4.3E-08	0.0001
2059	494761.06, 3859551.99	0.06651	0.07196	0.07022	0.06095	0.06712	1.25E-04	6.3E-06	1.2E-07	7.5E-08	1.31E-04	1.53E-04	7.74E-06	1.19E-07	4.20E-08	1.61E-04	1.35E-04	6E-06	1.2E-07	4.3E-08	0.0001
2060	494811.06, 3859551.99	0.06561	0.07106	0.0695	0.0604	0.06554	1.23E-04	6.2E-06	1.2E-07	7.3E-08	1.30E-04	1.51E-04	7.64E-06	1.18E-07	4.10E-08	1.59E-04	1.33E-04	5.9E-06	1.1E-07	4.2E-08	0.0001
2061	494861.06, 3859551.99	0.06516	0.0706	0.06911	0.06009	0.06497	1.22E-04	6.2E-06	1.2E-07	7.3E-08	1.29E-04	1.50E-04	7.59E-06	1.18E-07	4.06E-08	1.58E-04	1.32E-04	5.8E-06	1.1E-07	4.2E-08	0.0001
2062	494911.06, 3859551.99	0.06462	0.07006	0.06865	0.05971	0.06421	1.21E-04	6.1E-06	1.2E-07	7.2E-08	1.28E-04	1.49E-04	7.53E-06	1.17E-07	4.02E-08	1.56E-04	1.31E-04	5.8E-06	1.1E-07	4.1E-08	0.0001
2063	494961.06, 3859551.99	0.06431	0.06976	0.06838	0.05948	0.06395	1.21E-04	6.1E-06	1.2E-07	7.1E-08	1.27E-04	1.48E-04	7.50E-06	1.17E-07	4.00E-08	1.56E-04	1.31E-04	5.8E-06	1.1E-07	4.1E-08	0.0001
2064	495011.06, 3859551.99	0.06407	0.06952	0.06815	0.05928	0.06381	1.20E-04	6.1E-06	1.2E-07	7.1E-08	1.27E-04	1.48E-04	7.47E-06	1.16E-07	3.99E-08	1.55E-04	1.30E-04	5.7E-06	1.1E-07	4.1E-08	0.0001
2065	495061.06, 3859551.99	0.06366	0.06912	0.06779	0.05897	0.0633	1.20E-04	6.1E-06	1.2E-07	7.1E-08	1.26E-04	1.47E-04	7.43E-06	1.16E-07	3.96E-08	1.54E-04	1.29E-04	5.7E-06	1.1E-07	4.1E-08	0.0001
2066	495111.06, 3859551.99	0.06313	0.06861	0.06733	0.0586	0.06258	1.19E-04	6E-06	1.2E-07	7E-08	1.25E-04	1.45E-04	7.38E-06	1.15E-07	3.91E-08	1.53E-04	1.28E-04	5.7E-06	1.1E-07	4E-08	0.0001
2067	495161.06, 3859551.99	0.06291	0.0684	0.06712	0.05841	0.06245	1.18E-04	6E-06	1.2E-07	7E-08	1.24E-04	1.45E-04	7.35E-06	1.14E-07	3.91E-08	1.52E-04	1.28E-04	5.7E-06	1.1E-07	4E-08	0.0001
2068	495211.06, 3859551.99	0.06275	0.06827	0.06696	0.05826	0.06248	1.18E-04	6E-06	1.2E-07	7E-08	1.24E-04	1.45E-04	7.34E-06	1.14E-07	3.91E-08	1.52E-04	1.27E-04	5.6E-06	1.1E-07	4E-08	0.0001
2069	495261.06, 3859551.99	0.06233	0.06787	0.06659	0.05795	0.06194	1.17E-04	6E-06	1.2E-07	6.9E-08	1.23E-04	1.44E-04	7.30E-06	1.14E-07	3.87E-08	1.51E-04	1.27E-04	5.6E-06	1.1E-07	4E-08	0.0001
2070	495311.06, 3859551.99	0.06199	0.06756	0.06628	0.05768	0.06157	1.16E-04	5.9E-06	1.1E-07	6.9E-08	1.23E-04	1.43E-04	7.26E-06	1.13E-07	3.85E-08	1.50E-04	1.26E-04	5.6E-06	1.1E-07	4E-08	0.0001
2071	495361.06, 3859551.99	0.06171	0.06731	0.06602	0.05746	0.06132	1.16E-04	5.9E-06	1.1E-07	6.9E-08	1.22E-04	1.42E-04	7.24E-06	1.13E-07	3.84E-08	1.49E-04	1.25E-04	5.6E-06	1.1E-07	4E-08	0.0001
2072	495411.06, 3859551.99	0.06149	0.06712	0.06581	0.05727	0.0612	1.16E-04	5.9E-06	1.1E-07	6.8E-08	1.22E-04	1.42E-04	7.22E-06	1.12E-07	3.83E-08	1.49E-04	1.25E-04	5.6E-06	1.1E-07	4E-08	0.0001
2073	495461.06, 3859551.99	0.06095	0.06661	0.06533	0.05688	0.06043	1.15E-04	5.8E-06	1.1E-07	6.8E-08	1.21E-04	1.40E-04	7.16E-06	1.11E-07	3.78E-08	1.48E-04	1.24E-04	5.5E-06	1.1E-07	3.9E-08	0.0001
2074	495511.06, 3859551.99	0.06038	0.06607	0.06482	0.05646	0.05962	1.13E-04	5.8E-06	1.1E-07	6.7E-08	1.19E-04	1.39E-04	7.10E-06	1.11E-07	3.73E-08	1.46E-04	1.23E-04	5.5E-06	1.1E-07	3.9E-08	0.0001
2075	495561.06, 3859551.99	0.06003	0.06574	0.06449	0.05618	0.05922	1.13E-04	5.8E-06	1.1E-07	6.6E-08	1.19E-04	1.38E-04	7.07E-06	1.10E-07	3.70E-08	1.45E-04	1.22E-04	5.4E-06	1.1E-07	3.8E-08	0.0001
2076	495611.06, 3859551.99	0.05966	0.0654	0.06415	0.0559	0.0588	1.12E-04	5.7E-06	1.1E-07	6.6E-08	1.18E-04	1.37E-04	7.03E-06	1.10E-07	3.68E-08	1.45E-04	1.21E-04	5.4E-06	1.1E-07	3.8E-08	0.0001
2077	495661.06, 3859551.99	0.0592	0.06497	0.06373	0.05554	0.05821	1.11E-04	5.7E-06	1.1E-07	6.5E-08	1.17E-04	1.36E-04	6.98E-06	1.09E-07	3.64E-08	1.43E-04	1.20E-04	5.4E-06	1.1E-07	3.8E-08	0.0001
2078	494311.06, 3859601.99	0.07038	0.07578	0.07299	0.06275	0.07383	1.32E-04	6.6E-06	1.2E-07	8.2E-08	1.39E-04	1.62E-04	8.15E-06	1.23E-07	4.62E-08	1.70E-04	1.43E-04	6.3E-06	1.2E-07	4.8E-08	0.0001
2079	494361.06, 3859601.99	0.06942	0.07489	0.07229	0.06238	0.07158	1.30E-04	6.6E-06	1.2E-07	8E-08	1.37E-04	1.60E-04	8.05E-06	1.22E-07	4.48E-08	1.68E-04	1.41E-04	6.2E-06	1.2E-07	4.6E-08	0.0001
2080	494411.06, 3859601.99	0.06876	0.07422	0.07175	0.06204	0.07042	1.29E-04	6.5E-06	1.2E-07	7.9E-08	1.36E-04	1.58E-04	7.98E-06	1.22E-07	4.40E-08	1.66E-04	1.40E-04	6.1E-06	1.2E-07	4.5E-08	0.0001
2081	494461.06, 3859601.99	0.06868	0.07408	0.07163	0.0619	0.07087	1.29E-04	6.5E-06	1.2E-07	7.9E-08	1.36E-04	1.58E-04	7.96E-06	1.21E-07	4.43E-08	1.66E-04	1.39E-04	6.1E-06	1.2E-07	4.6E-08	0.0001
2082	494511.06, 3859601.99	0.06795	0.07334	0.07105	0.06152	0.06947	1.28E-04	6.4E-06	1.2E-07	7.8E-08	1.34E-04	1.56E-04	7.88E-06	1.21E-07	4.34E-08	1.65E-04	1.38E-04	6.1E-06	1.2E-07	4.5E-08	0.0001
2083	494561.06, 3859601.99	0.06779	0.07313	0.07088	0.06136	0.06966	1.27E-04	6.4E-06	1.2E-07	7.8E-08	1.34E-04	1.56E-04	7.86E-06	1.20E-07	4.36E-08	1.64E-04	1.38E-04	6E-06	1.2E-07	4.5E-08	0.0001
2084	494611.06, 3859601.99	0.0675	0.07281	0.07061	0.06114	0.0695	1.27E-04	6.4E-06	1.2E-07	7.8E-08	1.33E-04	1.55E-04	7.83E-06	1.20E-07	4.35E-08	1.63E-04	1.37E-04	6E-06	1.2E-07	4.5E-08	0.0001
2085	494661.06, 3859601.99	0.06669	0.07204	0.07002	0.06073	0.06789	1.25E-04	6.3E-06	1.2E-07	7.6E-08	1.32E-04	1.54E-04	7.74E-06	1.19E-07	4.25E-08	1.61E-04	1.35E-04	6E-06	1.2E-07	4.4E-08	0.0001
2086	494711.06, 3859601.99	0.06591	0.07121	0.06936	0.06028	0.0665	1.24E-04	6.2E-06	1.2E-07	7.4E-08	1.30E-04	1.52E-04	7.66E-06	1.18E-07	4.16E-08	1.60E-04	1.34E-04	5.9E-06	1.1E-07	4.3E-08	0.0001
2087	494761.06, 3859601.99	0.06615	0.0714	0.06949	0.0603	0.06763	1.24E-04	6.3E-06	1.2E-07	7.6E-08	1.31E-04	1.52E-04	7.68E-06	1.18E-07	4.23E-08	1.60E-04	1.34E-04	5.9E-06	1.1E-07	4.4E-08	0.0001
2088	494811.06, 3859601.99	0.06531	0.07056	0.06882	0.05983	0.06604	1.23E-04	6.2E-06	1.2E-07	7.4E-08	1.29E-04	1.50E-04	7.59E-06	1.17E-07	4.13E-08	1.58E-04	1.33E-04	5.8E-06	1.1E-07	4.3E-08	0.0001
2089	494861.06, 3859601.99	0.06492	0.07016	0.06849	0.05957	0.0656	1.22E-04	6.2E-06	1.2E-07	7.3E-08	1.28E-04	1.49E-04	7.54E-06	1.17E-07	4.10E-08	1.57E-04	1.32E-04	5.8E-06	1.1E-07	4.2E-08	0.0001
2090	494911.06, 3859601.99	0.06425	0.06948	0.06794	0.05915	0.06448	1.21E-04	6.1E-06	1.2E-07	7.2E-08	1.27E-04	1.48E-04	7.47E-06	1.16E-07	4.03E-08	1.56E-04	1.30E-04	5.7E-06	1.1E-07	4.2E-08	0.0001
2091	494961.06, 3859601.99	0.06425	0.06947	0.06791	0.05908	0.06492	1.21E-04	6.1E-06	1.2E-07	7.3E-08	1.27E-04	1.48E-04	7.47E-06	1.16E-07	4.06E-08	1.56E-04	1.30E-04	5.7E-06	1.1E-07	4.2E-08	0.0001
2092	495011.06, 3859601.99	0.06355	0.06876	0.06732	0.05864	0.06372	1.19E-04	6E-06	1.2E-07	7.1E-08	1.26E-04	1.46E-04	7.39E-06	1.15E-07	3.99E-08	1.54E-04	1.29E-04	5.7E-06	1.1E-07	4.1E-08	0.0001
2093	495061.06, 3859601.99	0.06341	0.06861	0.06718	0.0585	0.06381	1.19E-04	6E-06	1.2E-07	7.1E-08	1.25E-04	1.46E-04	7.38E-06	1.15E-07	3.99E-08	1.54E-04	1.29E-04	5.7E-06	1.1E-07	4.1E-08	0.0001
2094	495111.06, 3859601.99	0.06288	0.06809	0.06673	0.05814	0.06303	1.18E-04	6E-06	1.2E-07	7E-08	1.24E-04	1.45E-04	7.32E-06	1.14E-07	3.94E-08	1.52E-04	1.28E-04	5.6E-06	1.1E-07	4.1E-08	0.0001
2095	495161.06, 3859601.99	0.06268	0.06789	0.06654	0.05796	0.06296	1.18E-04	6E-06	1.2E-07	7E-08	1.24E-04	1.44E-04	7.30E-06	1.14E-07	3.94E-08	1.52E-04	1.27E-04	5.6E-06	1.1E-07	4.1E-08	0.0001
2096	495211.06, 3859601.99	0.06236	0.06758	0.06626	0.05772	0.06263	1.17E-04	5.9E-06	1.1E-07	7E-08	1.23E-04	1.44E-04	7.27E-06	1.13E-07	3.92E-08	1.51E-04	1.27E-04	5.6E-06	1.1E-07	4E-08	0.0001
2097	495261.06, 3859601.99	0.0621	0.06734	0.06602	0.05751	0.06244	1.17E-04	5.9E-06	1.1E-07	7E-08	1.23E-04	1.43E-04	7.24E-06	1.13E-07	3.91E-08	1.50E-04	1.26E-04	5.6E-06	1.1E-07	4E-08	0.0001
2098	495311.06, 3859601.99	0.06187	0.06713	0.06581	0.05732	0.0623	1.16E-04	5.9E-06	1.1E-07	7E-08	1.22E-04	1.42E-04	7.22E-06	1.12E-07	3.90E-08	1.50E-04	1.26E-04	5.6E-06	1.1E-07	4E-08	0.0001
2099	495361.06, 3859601.99	0.06152	0.0668	0.0655	0.05706	0.06189	1.16E-04	5.9E-06	1.1E-07	6.9E-08	1.22E-04	1.42E-04	7.18E-06	1.12E-07	3.87E-08	1.49E-04	1.25E-04	5.5E-06	1.1E-07	4E-08	0.0001
2100	495411.06, 3859601.99	0.06128	0.06658	0.06527	0.05685	0.06171	1.15E-04	5.8E-06	1.1E-07	6.9E-08	1.21E-04	1.41E-04	7.16E-06	1.11E-07	3.86E-08	1.48E-04	1.24E-04	5.5E-06	1.1E-07	4E-08	0.0001
2101	495461.06, 3859601.99	0.06067	0.06599	0.06475	0.05643	0.06072	1.14E-04	5.8E-06	1.1E-07	6.8E-08	1.20E-04	1.40E-04	7.09E-06	1.11E-07	3.80E-08	1.47E-04	1.23E-04	5.5E-06	1.1E-07	3.9E-08	0.0001
2102	495511.06, 3859601.99	0.06011	0.06545	0.06426	0.05603	0.05987	1.13E-04	5.7E-06	1.1E-07	6.7E-08	1.19E-04	1.38E-04	7.04E-06	1.10E-07	3.74E-08	1.46E-04	1.22E-04	5.4E-06	1.1E-07	3.9E-08	0.0001
2103	495561.06, 3859601.99	0.05996	0.06533	0.06411	0.05589	0.05988	1.13E-04	5.7E-06	1.1E-07	6.7E-08	1.19E-04	1.38E-04	7.02E-06	1.09E-07	3.75E-08	1.45E-04	1.22E-04	5.4E-06	1.1E-07	3.9E-08	0.0001
2104	495611.06, 3859601.99	0.05931	0.0647	0.06354	0.05543	0.05886	1.11E-04	5.7E-06	1.1E-07	6.6E-08	1.17E-04	1.37E-04	6.96E-06	1.09E-07	3.68E-08	1.44E-04	1.20E-04	5.4E-06	1.1E-07	3.8E-08	0.0001
2105	495661.06, 3859601.99	0.05907	0.06448	0.06331	0.05523	0.05866	1.11E-04	5.7E-06	1.1E-07	6.6E-08	1.17E-04	1.36E-04	6.93E-06	1.08E-07	3.67E-08	1.43E-04	1.20E-04	5.3E-06	1.1E-07	3.8E-08	0.0001
2106	494311.06, 3859651.99	0.06931	0.07458	0.07178	0.0617	0.07288	1.30E-04	6.5E-06	1.2E-07	8.1E-08	1.37E-04	1.60E-04	8.02E-06	1.21E-07	4.56E-08	1.68E-04	1.41E-04	6.2E-06	1.2E-07	4.7E-08	0.0001
2107	494361.06, 3859651.99	0.06849	0.07379	0.07114	0.06139	0.07092	1.29E-04	6.5E-06	1.2E-07	7.9E-08	1.35E-04	1.58E-04	7.93E-06	1.20E-07	4.44E-08	1.66E-04	1.39E-04	6.1E-06	1.2E-07	4.6E-08	0.0001
2108	494411.06, 3859651.99	0.06806	0.07335	0.07078	0.06115	0.07035	1.28E-04	6.4E-06	1.2E-07	7.9E-08	1.35E-04	1.57E-04	7.89E-06	1.20E-07	4.40E-08	1.65E-04	1.38E-04	6.1E-06	1.2E-07	4.5E-08	0.0001

2109	494461.06, 3859651.99	0.06793	0.07317	0.07062	0.06097	0.0707	1.28E-04	6.4E-06	1.2E-07	7.9E-08	1.34E-04	1.56E-04	7.87E-06	1.19E-07	4.42E-08	1.64E-04	1.38E-04	6.1E-06	1.2E-07	4.6E-08	0.0001
2110	494511.06, 3859651.99	0.06748	0.0727	0.07024	0.06072	0.07003	1.27E-04	6.4E-06	1.2E-07	7.8E-08	1.33E-04	1.55E-04	7.82E-06	1.19E-07	4.38E-08	1.63E-04	1.37E-04	6E-06	1.2E-07	4.5E-08	0.0001
2111	494561.06, 3859651.99	0.06715	0.07234	0.06995	0.0605	0.06973	1.26E-04	6.3E-06	1.2E-07	7.8E-08	1.33E-04	1.55E-04	7.78E-06	1.19E-07	4.36E-08	1.63E-04	1.36E-04	6E-06	1.2E-07	4.5E-08	0.0001
2112	494611.06, 3859651.99	0.0668	0.07197	0.06964	0.06027	0.06936	1.26E-04	6.3E-06	1.2E-07	7.7E-08	1.32E-04	1.54E-04	7.74E-06	1.18E-07	4.34E-08	1.62E-04	1.36E-04	6E-06	1.1E-07	4.5E-08	0.0001
2113	494661.06, 3859651.99	0.06596	0.07118	0.06903	0.05989	0.0676	1.24E-04	6.2E-06	1.2E-07	7.6E-08	1.30E-04	1.52E-04	7.65E-06	1.17E-07	4.23E-08	1.60E-04	1.34E-04	5.9E-06	1.1E-07	4.4E-08	0.0001
2114	494711.06, 3859651.99	0.06564	0.07083	0.06875	0.05967	0.0673	1.23E-04	6.2E-06	1.2E-07	7.5E-08	1.30E-04	1.51E-04	7.61E-06	1.17E-07	4.21E-08	1.59E-04	1.33E-04	5.9E-06	1.1E-07	4.3E-08	0.0001
2115	494761.06, 3859651.99	0.06539	0.0705	0.06848	0.05946	0.0672	1.23E-04	6.2E-06	1.2E-07	7.5E-08	1.29E-04	1.51E-04	7.58E-06	1.16E-07	4.20E-08	1.58E-04	1.33E-04	5.8E-06	1.1E-07	4.3E-08	0.0001
2116	494811.06, 3859651.99	0.06484	0.06994	0.06803	0.05914	0.06629	1.22E-04	6.1E-06	1.2E-07	7.4E-08	1.28E-04	1.49E-04	7.52E-06	1.16E-07	4.15E-08	1.57E-04	1.32E-04	5.8E-06	1.1E-07	4.3E-08	0.0001
2117	494861.06, 3859651.99	0.06453	0.0696	0.06776	0.05892	0.06601	1.21E-04	6.1E-06	1.2E-07	7.4E-08	1.28E-04	1.49E-04	7.48E-06	1.15E-07	4.13E-08	1.56E-04	1.31E-04	5.8E-06	1.1E-07	4.3E-08	0.0001
2118	494911.06, 3859651.99	0.06411	0.06916	0.0674	0.05865	0.06542	1.20E-04	6.1E-06	1.2E-07	7.3E-08	1.27E-04	1.48E-04	7.43E-06	1.15E-07	4.09E-08	1.55E-04	1.30E-04	5.7E-06	1.1E-07	4.2E-08	0.0001
2119	494961.06, 3859651.99	0.06377	0.0688	0.06711	0.05842	0.06506	1.20E-04	6E-06	1.2E-07	7.3E-08	1.26E-04	1.47E-04	7.40E-06	1.14E-07	4.07E-08	1.54E-04	1.29E-04	5.7E-06	1.1E-07	4.2E-08	0.0001
2120	495011.06, 3859651.99	0.06338	0.0684	0.06678	0.05815	0.06456	1.19E-04	6E-06	1.2E-07	7.2E-08	1.25E-04	1.46E-04	7.35E-06	1.14E-07	4.04E-08	1.53E-04	1.29E-04	5.7E-06	1.1E-07	4.2E-08	0.0001
2121	495061.06, 3859651.99	0.06312	0.06812	0.06654	0.05795	0.06437	1.19E-04	6E-06	1.2E-07	7.2E-08	1.25E-04	1.45E-04	7.32E-06	1.14E-07	4.03E-08	1.53E-04	1.28E-04	5.6E-06	1.1E-07	4.2E-08	0.0001
2122	495111.06, 3859651.99	0.06269	0.06768	0.06618	0.05766	0.06376	1.18E-04	5.9E-06	1.1E-07	7.1E-08	1.24E-04	1.44E-04	7.28E-06	1.13E-07	3.99E-08	1.52E-04	1.27E-04	5.6E-06	1.1E-07	4.1E-08	0.0001
2123	495161.06, 3859651.99	0.06237	0.06736	0.0659	0.05743	0.06342	1.17E-04	5.9E-06	1.1E-07	7.1E-08	1.23E-04	1.44E-04	7.24E-06	1.13E-07	3.97E-08	1.51E-04	1.27E-04	5.6E-06	1.1E-07	4.1E-08	0.0001
2124	495211.06, 3859651.99	0.06211	0.0671	0.06566	0.05723	0.06323	1.17E-04	5.9E-06	1.1E-07	7.1E-08	1.23E-04	1.43E-04	7.21E-06	1.12E-07	3.95E-08	1.50E-04	1.26E-04	5.5E-06	1.1E-07	4.1E-08	0.0001
2125	495261.06, 3859651.99	0.06178	0.06676	0.06537	0.05698	0.06284	1.16E-04	5.9E-06	1.1E-07	7E-08	1.22E-04	1.42E-04	7.18E-06	1.12E-07	3.93E-08	1.50E-04	1.25E-04	5.5E-06	1.1E-07	4.1E-08	0.0001
2126	495311.06, 3859651.99	0.06149	0.06648	0.06511	0.05676	0.06256	1.16E-04	5.8E-06	1.1E-07	7E-08	1.22E-04	1.42E-04	7.15E-06	1.11E-07	3.91E-08	1.49E-04	1.25E-04	5.5E-06	1.1E-07	4E-08	0.0001
2127	495361.06, 3859651.99	0.06123	0.06623	0.06488	0.05655	0.06234	1.15E-04	5.8E-06	1.1E-07	7E-08	1.21E-04	1.41E-04	7.12E-06	1.11E-07	3.90E-08	1.48E-04	1.24E-04	5.5E-06	1.1E-07	4E-08	0.0001
2128	495411.06, 3859651.99	0.0609	0.06591	0.06458	0.05631	0.06195	1.14E-04	5.8E-06	1.1E-07	6.9E-08	1.20E-04	1.40E-04	7.09E-06	1.10E-07	3.87E-08	1.47E-04	1.24E-04	5.5E-06	1.1E-07	4E-08	0.0001
2129	495461.06, 3859651.99	0.06035	0.06538	0.06412	0.05595	0.06104	1.13E-04	5.7E-06	1.1E-07	6.8E-08	1.19E-04	1.39E-04	7.03E-06	1.10E-07	3.82E-08	1.46E-04	1.23E-04	5.4E-06	1.1E-07	3.9E-08	0.0001
2130	495511.06, 3859651.99	0.05986	0.0649	0.0637	0.05561	0.06029	1.12E-04	5.7E-06	1.1E-07	6.7E-08	1.18E-04	1.38E-04	6.98E-06	1.09E-07	3.77E-08	1.45E-04	1.22E-04	5.4E-06	1.1E-07	3.9E-08	0.0001
2131	495561.06, 3859651.99	0.0596	0.06466	0.06346	0.05539	0.06005	1.12E-04	5.7E-06	1.1E-07	6.7E-08	1.18E-04	1.37E-04	6.95E-06	1.09E-07	3.76E-08	1.44E-04	1.21E-04	5.3E-06	1.1E-07	3.9E-08	0.0001
2132	495611.06, 3859651.99	0.05923	0.06431	0.06313	0.05512	0.05956	1.11E-04	5.6E-06	1.1E-07	6.7E-08	1.17E-04	1.36E-04	6.91E-06	1.08E-07	3.73E-08	1.43E-04	1.20E-04	5.3E-06	1E-07	3.8E-08	0.0001
2133	495661.06, 3859651.99	0.05882	0.06392	0.06277	0.05482	0.05899	1.11E-04	5.6E-06	1.1E-07	6.6E-08	1.16E-04	1.35E-04	6.87E-06	1.07E-07	3.69E-08	1.42E-04	1.19E-04	5.3E-06	1E-07	3.8E-08	0.0001
2134	494311.06, 3859701.99	0.0679	0.0731	0.07038	0.06064	0.07069	1.28E-04	6.4E-06	1.2E-07	7.9E-08	1.34E-04	1.56E-04	7.86E-06	1.19E-07	4.42E-08	1.64E-04	1.38E-04	6E-06	1.2E-07	4.6E-08	0.0001
2135	494361.06, 3859701.99	0.06746	0.07263	0.06998	0.0604	0.06997	1.27E-04	6.4E-06	1.2E-07	7.8E-08	1.33E-04	1.55E-04	7.81E-06	1.18E-07	4.38E-08	1.63E-04	1.37E-04	6E-06	1.1E-07	4.5E-08	0.0001
2136	494411.06, 3859701.99	0.06717	0.07231	0.06971	0.06019	0.0698	1.26E-04	6.3E-06	1.2E-07	7.8E-08	1.33E-04	1.55E-04	7.77E-06	1.18E-07	4.37E-08	1.63E-04	1.36E-04	6E-06	1.1E-07	4.5E-08	0.0001
2137	494461.06, 3859701.99	0.06711	0.07221	0.06961	0.06001	0.07045	1.26E-04	6.3E-06	1.2E-07	7.9E-08	1.33E-04	1.55E-04	7.76E-06	1.18E-07	4.41E-08	1.62E-04	1.36E-04	6E-06	1.1E-07	4.6E-08	0.0001
2138	494511.06, 3859701.99	0.06673	0.07181	0.06927	0.05979	0.06994	1.25E-04	6.3E-06	1.2E-07	7.8E-08	1.32E-04	1.54E-04	7.72E-06	1.17E-07	4.37E-08	1.62E-04	1.35E-04	5.9E-06	1.1E-07	4.5E-08	0.0001
2139	494561.06, 3859701.99	0.06643	0.07148	0.069	0.05958	0.06969	1.25E-04	6.3E-06	1.2E-07	7.8E-08	1.31E-04	1.53E-04	7.68E-06	1.17E-07	4.36E-08	1.61E-04	1.35E-04	5.9E-06	1.1E-07	4.5E-08	0.0001
2140	494611.06, 3859701.99	0.0661	0.07113	0.06871	0.05936	0.06938	1.24E-04	6.2E-06	1.2E-07	7.8E-08	1.31E-04	1.52E-04	7.65E-06	1.16E-07	4.34E-08	1.60E-04	1.34E-04	5.9E-06	1.1E-07	4.5E-08	0.0001
2141	494661.06, 3859701.99	0.06529	0.07034	0.06808	0.05904	0.06747	1.23E-04	6.2E-06	1.2E-07	7.5E-08	1.29E-04	1.50E-04	7.56E-06	1.16E-07	4.22E-08	1.58E-04	1.33E-04	5.8E-06	1.1E-07	4.4E-08	0.0001
2142	494711.06, 3859701.99	0.0651	0.07011	0.06789	0.05886	0.06758	1.22E-04	6.2E-06	1.2E-07	7.6E-08	1.29E-04	1.50E-04	7.54E-06	1.15E-07	4.23E-08	1.58E-04	1.32E-04	5.8E-06	1.1E-07	4.4E-08	0.0001
2143	494761.06, 3859701.99	0.06465	0.06964	0.06751	0.05861	0.06686	1.21E-04	6.1E-06	1.2E-07	7.5E-08	1.28E-04	1.49E-04	7.49E-06	1.15E-07	4.18E-08	1.57E-04	1.31E-04	5.8E-06	1.1E-07	4.3E-08	0.0001
2144	494811.06, 3859701.99	0.06418	0.06915	0.06712	0.05834	0.0661	1.21E-04	6.1E-06	1.2E-07	7.4E-08	1.27E-04	1.48E-04	7.43E-06	1.14E-07	4.13E-08	1.55E-04	1.30E-04	5.7E-06	1.1E-07	4.3E-08	0.0001
2145	494861.06, 3859701.99	0.06403	0.06897	0.06697	0.05818	0.06629	1.20E-04	6.1E-06	1.2E-07	7.4E-08	1.27E-04	1.47E-04	7.41E-06	1.14E-07	4.15E-08	1.55E-04	1.30E-04	5.7E-06	1.1E-07	4.3E-08	0.0001
2146	494911.06, 3859701.99	0.06363	0.06855	0.06663	0.05794	0.06572	1.20E-04	6E-06	1.2E-07	7.3E-08	1.26E-04	1.47E-04	7.37E-06	1.13E-07	4.11E-08	1.54E-04	1.29E-04	5.7E-06	1.1E-07	4.2E-08	0.0001
2147	494961.06, 3859701.99	0.06324	0.06814	0.0663	0.05769	0.06519	1.19E-04	6E-06	1.1E-07	7.3E-08	1.25E-04	1.46E-04	7.33E-06	1.13E-07	4.08E-08	1.53E-04	1.28E-04	5.6E-06	1.1E-07	4.2E-08	0.0001
2148	495011.06, 3859701.99	0.06298	0.06785	0.06606	0.0575	0.06502	1.18E-04	6E-06	1.1E-07	7.3E-08	1.24E-04	1.45E-04	7.29E-06	1.13E-07	4.07E-08	1.52E-04	1.28E-04	5.6E-06	1.1E-07	4.2E-08	0.0001
2149	495061.06, 3859701.99	0.06265	0.0675	0.06577	0.05727	0.06462	1.18E-04	5.9E-06	1.1E-07	7.2E-08	1.24E-04	1.44E-04	7.26E-06	1.12E-07	4.04E-08	1.52E-04	1.27E-04	5.6E-06	1.1E-07	4.2E-08	0.0001
2150	495111.06, 3859701.99	0.06231	0.06714	0.06548	0.05704	0.0642	1.17E-04	5.9E-06	1.1E-07	7.2E-08	1.23E-04	1.43E-04	7.22E-06	1.12E-07	4.02E-08	1.51E-04	1.27E-04	5.6E-06	1.1E-07	4.1E-08	0.0001
2151	495161.06, 3859701.99	0.06194	0.06675	0.06516	0.05679	0.0637	1.16E-04	5.9E-06	1.1E-07	7.1E-08	1.22E-04	1.43E-04	7.18E-06	1.11E-07	3.98E-08	1.50E-04	1.26E-04	5.5E-06	1.1E-07	4.1E-08	0.0001
2152	495211.06, 3859701.99	0.06155	0.06636	0.06483	0.05654	0.06315	1.16E-04	5.8E-06	1.1E-07	7.1E-08	1.22E-04	1.42E-04	7.13E-06	1.11E-07	3.95E-08	1.49E-04	1.25E-04	5.5E-06	1.1E-07	4.1E-08	0.0001
2153	495261.06, 3859701.99	0.0614	0.06619	0.06468	0.05638	0.06323	1.15E-04	5.8E-06	1.1E-07	7.1E-08	1.21E-04	1.41E-04	7.12E-06	1.10E-07	3.95E-08	1.49E-04	1.25E-04	5.5E-06	1.1E-07	4.1E-08	0.0001
2154	495311.06, 3859701.99	0.06104	0.06583	0.06437	0.05614	0.06275	1.15E-04	5.8E-06	1.1E-07	7E-08	1.21E-04	1.41E-04	7.08E-06	1.10E-07	3.92E-08	1.48E-04	1.24E-04	5.4E-06	1.1E-07	4.1E-08	0.0001
2155	495361.06, 3859701.99	0.0607	0.06549	0.06408	0.0559	0.06232	1.14E-04	5.7E-06	1.1E-07	7E-08	1.20E-04	1.40E-04	7.04E-06	1.10E-07	3.90E-08	1.47E-04	1.23E-04	5.4E-06	1.1E-07	4E-08	0.0001
2156	495411.06, 3859701.99	0.06027	0.06505	0.06371	0.05562	0.06164	1.13E-04	5.7E-06	1.1E-07	6.9E-08	1.19E-04	1.39E-04	6.99E-06	1.09E-07	3.86E-08	1.46E-04	1.22E-04	5.4E-06	1.1E-07	4E-08	0.0001
2157	495461.06, 3859701.99	0.05991	0.0647	0.0634	0.05537	0.06115	1.13E-04	5.7E-06	1.1E-07	6.8E-08	1.18E-04	1.38E-04	6.96E-06	1.08E-07	3.82E-08	1.45E-04	1.22E-04	5.4E-06	1.1E-07	4E-08	0.0001
2158	495511.06, 3859701.99	0.0593	0.06409	0.06289	0.05498	0.06004	1.11E-04	5.6E-06	1.1E-07	6.7E-08	1.17E-04	1.37E-04	6.89E-06	1.08E-07	3.76E-08	1.44E-04	1.20E-04	5.3E-06	1E-07	3.9E-08	0.0001
2159	495561.06, 3859701.99	0.05923	0.06403	0.06281	0.05487	0.06028	1.11E-04	5.6E-06	1.1E-07	6.7E-08	1.17E-04	1.36E-04	6.88E-06	1.07E-07	3.77E-08	1.43E-04	1.20E-04	5.3E-06	1E-07	3.9E-08	0.0001
2160	495611.06, 3859701.99	0.0589	0.06371	0.06252	0.05463	0.05985	1.11E-04	5.6E-06	1.1E-07	6.7E-08	1.16E-04	1.36E-04	6.85E-06	1.07E-07	3.74E-08	1.43E-04	1.20E-04	5.3E-06	1E-07	3.9E-08	0.0001
2161	495661.06, 3859701.99	0.05853	0.06336	0.0622	0.05436	0.05935	1.10E-04	5.6E-06	1.1E-07	6.6E-08	1.16E-04	1.35E-04	6.81E-06	1.06E-07	3.71E-08	1.42E-04	1.19E-04	5.2E-06	1E-07	3.8E-08	0.0001
2162	494311.06, 3859751.99	0.06709	0.0721	0.06941	0.05964	0.07077	1.26E-04	6.3E-06	1.2E-07	7.9E-08	1.33E-04	1.54E-04	7.75E-06	1.17E-07	4.43E-08	1.62E-04	1.36E-04	6E-06	1.1E-07	4.6E-08	0.0001
2163	494361.06, 3859751.99	0.06673	0.07174	0.06908	0.05943	0.07026	1.25E-04	6.3E-06	1.2E-07	7.9E-08	1.32E-04	1.54E-04	7.71E-06	1.16E-07	4.39E-08	1.62E-04	1.35E-04	5.9E-06	1.1E-07	4.5E-08	0.0001
2164	494411.06, 3859751.99	0.06632	0.07132	0.06872	0.05922	0.06956	1.25E-04	6.3E-06	1.2E-07	7.8E-08	1.31E-04	1.53E-04	7.67E-06	1.16E-07	4.35E-08	1.61E-04	1.35E-04	5.9E-06	1.1E-07	4.5E-08	0.0001
2165	494461.06, 3859751.99	0.06618	0.07115	0.06856	0.059	0.06994	1.24E-04	6.2E-06	1.2E-07	7.8E-08	1.31E-04	1.52E-04	7.65E-06	1.16E-07	4.37E-08	1.60E-04	1.34E-04	5.9E-06	1.1E-07	4.5E-08	0.0001
2166	494511.06, 3859751.99	0.06595	0.0709	0.06834	0.05879	0.06997	1.24E-04	6.2E-06	1.2E-07	7.8E-08	1.30E-04	1.52E-04	7.62E-06	1.15E-07	4.38E-08	1.60E-04	1.34E-04	5.9E-06	1.1E-07	4.5E-08	0.0001
2167	494561.06, 3859751.99	0.0656	0.07054	0.06803	0.05859	0.06952	1.23E-04	6.2E-06	1.2E-07	7.8E-08	1.30E-04	1.51E-04	7.58E-06	1.15E-07	4.35E-08	1.59E-04	1.33E-04	5.8E-06	1.1E-07	4.5E-08	0.0001
2168	494611.06, 3859751.99	0.0652	0.07012	0.06767	0.05839	0.06882	1.23E-04	6.2E-06	1.2E-07	7.7E-08	1.29E-04	1.50E-04	7.54E-06	1.14E-07	4.30E-08	1.58E-04	1.32E-04	5.8E-06	1.1E-07	4.4E-08	0.0001
2169	494661.06, 3859751.99	0.06462	0.06957	0.06722	0.05817	0.06753	1.21E-04	6.1E-06	1.2E-07	7.5E-08	1.28E-04	1.49E-04	7.48E-06	1.14E-07	4.22E-08	1.56E-04	1.31E-04	5.8E-06	1.1E-07	4.4E-08	0.0001
2170	494711.06, 3859751.99	0.06443	0.06931	0.067	0.05798	0.06761	1.21E-04	6.1E-06	1.2E-07	7.6E-08	1.27E-04	1.48E-04	7.45E-06	1.14E-07	4.23E-08	1.56E-04	1.31E-04	5.7E-06	1.1E-07	4.4E-08	0.0001
2171	494761.06, 3859751.99	0.06414	0.069	0.06674	0.05778	0.06737	1.21E-04	6.1E-06	1.1E-07	7.5E-08	1.27E-04	1.48E-04	7.42E-06	1.13E-07	4.21E-08	1.55E-04	1.30E-04	5.7E-06	1.1E-07	4.4E-08	0.0001
2172	494811.06, 3859751.99	0.06375	0.06859	0.0664	0.05756	0.06677	1.20E-04	6E-06	1.1E-07	7.5E-08	1.26E-04	1.47E-04	7.37E-06	1.13E-07	4.18E-08	1.54E-04	1.29E-04	5.7E-06	1.1E-07	4.3E-08	0.0001

2173	494861.06, 3859751.99	0.06344	0.06825	0.06612	0.05736	0.06643	1.19E-04	6E-06	1.1E-07	7.4E-08	1.25E-04	1.46E-04	7.34E-06	1.12E-07	4.15E-08	1.54E-04	1.29E-04	5.6E-06	1.1E-07	4.3E-08	0.0001
2174	494911.06, 3859751.99	0.06312	0.06791	0.06584	0.05715	0.06607	1.19E-04	6E-06	1.1E-07	7.4E-08	1.25E-04	1.45E-04	7.30E-06	1.12E-07	4.13E-08	1.53E-04	1.28E-04	5.6E-06	1.1E-07	4.3E-08	0.0001
2175	494961.06, 3859751.99	0.0628	0.06757	0.06556	0.05695	0.06571	1.18E-04	5.9E-06	1.1E-07	7.3E-08	1.24E-04	1.45E-04	7.26E-06	1.12E-07	4.11E-08	1.52E-04	1.28E-04	5.6E-06	1.1E-07	4.2E-08	0.0001
2176	495011.06, 3859751.99	0.06246	0.06721	0.06527	0.05674	0.06527	1.17E-04	5.9E-06	1.1E-07	7.3E-08	1.23E-04	1.44E-04	7.23E-06	1.11E-07	4.08E-08	1.51E-04	1.27E-04	5.6E-06	1.1E-07	4.2E-08	0.0001
2177	495061.06, 3859751.99	0.0622	0.06692	0.06504	0.05654	0.06508	1.17E-04	5.9E-06	1.1E-07	7.3E-08	1.23E-04	1.43E-04	7.19E-06	1.11E-07	4.07E-08	1.51E-04	1.26E-04	5.5E-06	1.1E-07	4.2E-08	0.0001
2178	495111.06, 3859751.99	0.06187	0.06657	0.06475	0.05633	0.06466	1.16E-04	5.8E-06	1.1E-07	7.2E-08	1.22E-04	1.42E-04	7.16E-06	1.10E-07	4.04E-08	1.50E-04	1.26E-04	5.5E-06	1.1E-07	4.2E-08	0.0001
2179	495161.06, 3859751.99	0.06151	0.0662	0.06445	0.05611	0.06415	1.16E-04	5.8E-06	1.1E-07	7.2E-08	1.22E-04	1.42E-04	7.12E-06	1.10E-07	4.01E-08	1.49E-04	1.25E-04	5.5E-06	1.1E-07	4.1E-08	0.0001
2180	495211.06, 3859751.99	0.06114	0.06581	0.06413	0.05588	0.06361	1.15E-04	5.8E-06	1.1E-07	7.1E-08	1.21E-04	1.41E-04	7.07E-06	1.09E-07	3.98E-08	1.48E-04	1.24E-04	5.4E-06	1.1E-07	4.1E-08	0.0001
2181	495261.06, 3859751.99	0.06087	0.06553	0.06389	0.05568	0.06336	1.14E-04	5.7E-06	1.1E-07	7.1E-08	1.20E-04	1.40E-04	7.04E-06	1.09E-07	3.96E-08	1.47E-04	1.24E-04	5.4E-06	1.1E-07	4.1E-08	0.0001
2182	495311.06, 3859751.99	0.06054	0.06518	0.06361	0.05546	0.06291	1.14E-04	5.7E-06	1.1E-07	7E-08	1.20E-04	1.39E-04	7.01E-06	1.09E-07	3.93E-08	1.47E-04	1.23E-04	5.4E-06	1.1E-07	4.1E-08	0.0001
2183	495361.06, 3859751.99	0.06022	0.06485	0.06333	0.05525	0.06252	1.13E-04	5.7E-06	1.1E-07	7E-08	1.19E-04	1.39E-04	6.97E-06	1.08E-07	3.91E-08	1.46E-04	1.22E-04	5.4E-06	1.1E-07	4E-08	0.0001
2184	495411.06, 3859751.99	0.05992	0.06453	0.06307	0.05503	0.06214	1.13E-04	5.7E-06	1.1E-07	6.9E-08	1.18E-04	1.38E-04	6.94E-06	1.08E-07	3.89E-08	1.45E-04	1.22E-04	5.3E-06	1E-07	4E-08	0.0001
2185	495461.06, 3859751.99	0.0595	0.06411	0.06272	0.05477	0.06144	1.12E-04	5.6E-06	1.1E-07	6.9E-08	1.18E-04	1.37E-04	6.89E-06	1.07E-07	3.84E-08	1.44E-04	1.21E-04	5.3E-06	1E-07	4E-08	0.0001
2186	495511.06, 3859751.99	0.05907	0.06367	0.06236	0.0545	0.06073	1.11E-04	5.6E-06	1.1E-07	6.8E-08	1.17E-04	1.36E-04	6.84E-06	1.07E-07	3.80E-08	1.43E-04	1.20E-04	5.3E-06	1E-07	3.9E-08	0.0001
2187	495561.06, 3859751.99	0.05876	0.06336	0.06208	0.05427	0.06033	1.10E-04	5.6E-06	1.1E-07	6.7E-08	1.16E-04	1.35E-04	6.81E-06	1.06E-07	3.77E-08	1.42E-04	1.19E-04	5.2E-06	1E-07	3.9E-08	0.0001
2188	495611.06, 3859751.99	0.05845	0.06305	0.06181	0.05405	0.05994	1.10E-04	5.5E-06	1.1E-07	6.7E-08	1.16E-04	1.35E-04	6.78E-06	1.06E-07	3.75E-08	1.42E-04	1.19E-04	5.2E-06	1E-07	3.9E-08	0.0001
2189	495661.06, 3859751.99	0.0582	0.0628	0.06158	0.05385	0.05971	1.09E-04	5.5E-06	1.1E-07	6.7E-08	1.15E-04	1.34E-04	6.75E-06	1.05E-07	3.73E-08	1.41E-04	1.18E-04	5.2E-06	1E-07	3.9E-08	0.0001
2190	494311.06, 3859801.99	0.0662	0.07114	0.06846	0.0586	0.07082	1.24E-04	6.2E-06	1.2E-07	7.9E-08	1.31E-04	1.52E-04	7.65E-06	1.15E-07	4.43E-08	1.60E-04	1.34E-04	5.9E-06	1.1E-07	4.6E-08	0.0001
2191	494361.06, 3859801.99	0.06581	0.07067	0.06809	0.05842	0.07	1.24E-04	6.2E-06	1.2E-07	7.8E-08	1.30E-04	1.52E-04	7.60E-06	1.14E-07	4.38E-08	1.59E-04	1.34E-04	5.8E-06	1.1E-07	4.5E-08	0.0001
2192	494411.06, 3859801.99	0.06538	0.07025	0.0677	0.05824	0.06912	1.23E-04	6.2E-06	1.2E-07	7.7E-08	1.29E-04	1.51E-04	7.55E-06	1.14E-07	4.32E-08	1.58E-04	1.33E-04	5.8E-06	1.1E-07	4.5E-08	0.0001
2193	494461.06, 3859801.99	0.06521	0.07006	0.06753	0.05801	0.06938	1.23E-04	6.1E-06	1.2E-07	7.8E-08	1.29E-04	1.50E-04	7.53E-06	1.14E-07	4.34E-08	1.58E-04	1.32E-04	5.8E-06	1.1E-07	4.5E-08	0.0001
2194	494511.06, 3859801.99	0.06503	0.06999	0.06737	0.05776	0.06971	1.22E-04	6.1E-06	1.1E-07	7.8E-08	1.29E-04	1.50E-04	7.52E-06	1.13E-07	4.36E-08	1.57E-04	1.32E-04	5.8E-06	1.1E-07	4.5E-08	0.0001
2195	494561.06, 3859801.99	0.06472	0.06968	0.06708	0.05757	0.06931	1.22E-04	6.1E-06	1.1E-07	7.7E-08	1.28E-04	1.49E-04	7.49E-06	1.13E-07	4.33E-08	1.57E-04	1.31E-04	5.8E-06	1.1E-07	4.5E-08	0.0001
2196	494611.06, 3859801.99	0.06426	0.06908	0.06665	0.05742	0.06819	1.21E-04	6.1E-06	1.1E-07	7.6E-08	1.27E-04	1.48E-04	7.43E-06	1.12E-07	4.26E-08	1.56E-04	1.30E-04	5.7E-06	1.1E-07	4.4E-08	0.0001
2197	494661.06, 3859801.99	0.06392	0.06872	0.06633	0.05723	0.06768	1.20E-04	6E-06	1.1E-07	7.6E-08	1.26E-04	1.47E-04	7.39E-06	1.12E-07	4.23E-08	1.55E-04	1.30E-04	5.7E-06	1.1E-07	4.4E-08	0.0001
2198	494711.06, 3859801.99	0.06352	0.06831	0.06598	0.05704	0.06697	1.19E-04	6E-06	1.1E-07	7.5E-08	1.26E-04	1.46E-04	7.34E-06	1.12E-07	4.19E-08	1.54E-04	1.29E-04	5.6E-06	1.1E-07	4.3E-08	0.0001
2199	494761.06, 3859801.99	0.06338	0.06814	0.06583	0.05684	0.06729	1.19E-04	6E-06	1.1E-07	7.5E-08	1.25E-04	1.46E-04	7.33E-06	1.11E-07	4.21E-08	1.53E-04	1.29E-04	5.6E-06	1.1E-07	4.3E-08	0.0001
2200	494811.06, 3859801.99	0.06304	0.06778	0.06553	0.05665	0.0668	1.18E-04	5.9E-06	1.1E-07	7.5E-08	1.25E-04	1.45E-04	7.29E-06	1.11E-07	4.18E-08	1.53E-04	1.28E-04	5.6E-06	1.1E-07	4.3E-08	0.0001
2201	494861.06, 3859801.99	0.06276	0.06748	0.06527	0.05646	0.06655	1.18E-04	5.9E-06	1.1E-07	7.4E-08	1.24E-04	1.45E-04	7.25E-06	1.11E-07	4.16E-08	1.52E-04	1.27E-04	5.6E-06	1.1E-07	4.3E-08	0.0001
2202	494911.06, 3859801.99	0.0624	0.0671	0.06495	0.05628	0.06596	1.17E-04	5.9E-06	1.1E-07	7.4E-08	1.23E-04	1.44E-04	7.21E-06	1.10E-07	4.13E-08	1.51E-04	1.27E-04	5.5E-06	1.1E-07	4.3E-08	0.0001
2203	494961.06, 3859801.99	0.0621	0.06678	0.06469	0.05609	0.06561	1.17E-04	5.9E-06	1.1E-07	7.3E-08	1.23E-04	1.43E-04	7.18E-06	1.10E-07	4.10E-08	1.50E-04	1.26E-04	5.5E-06	1.1E-07	4.2E-08	0.0001
2204	495011.06, 3859801.99	0.06179	0.06644	0.06441	0.05589	0.06522	1.16E-04	5.8E-06	1.1E-07	7.3E-08	1.22E-04	1.42E-04	7.14E-06	1.09E-07	4.08E-08	1.50E-04	1.25E-04	5.5E-06	1.1E-07	4.2E-08	0.0001
2205	495061.06, 3859801.99	0.06152	0.06614	0.06416	0.0557	0.06496	1.16E-04	5.8E-06	1.1E-07	7.3E-08	1.22E-04	1.42E-04	7.11E-06	1.09E-07	4.06E-08	1.49E-04	1.25E-04	5.5E-06	1.1E-07	4.2E-08	0.0001
2206	495111.06, 3859801.99	0.06117	0.06577	0.06386	0.0555	0.06444	1.15E-04	5.8E-06	1.1E-07	7.2E-08	1.21E-04	1.41E-04	7.07E-06	1.09E-07	4.03E-08	1.48E-04	1.24E-04	5.4E-06	1.1E-07	4.2E-08	0.0001
2207	495161.06, 3859801.99	0.06084	0.06542	0.06357	0.0553	0.06396	1.14E-04	5.7E-06	1.1E-07	7.1E-08	1.20E-04	1.40E-04	7.03E-06	1.08E-07	4.00E-08	1.47E-04	1.24E-04	5.4E-06	1.1E-07	4.1E-08	0.0001
2208	495211.06, 3859801.99	0.06057	0.06513	0.06333	0.05511	0.0637	1.14E-04	5.7E-06	1.1E-07	7.1E-08	1.20E-04	1.39E-04	7.00E-06	1.08E-07	3.98E-08	1.47E-04	1.23E-04	5.4E-06	1E-07	4.1E-08	0.0001
2209	495261.06, 3859801.99	0.06022	0.06476	0.06304	0.05491	0.06319	1.13E-04	5.7E-06	1.1E-07	7.1E-08	1.19E-04	1.39E-04	6.96E-06	1.08E-07	3.95E-08	1.46E-04	1.22E-04	5.4E-06	1E-07	4.1E-08	0.0001
2210	495311.06, 3859801.99	0.05997	0.06449	0.06281	0.05472	0.06297	1.13E-04	5.7E-06	1.1E-07	7E-08	1.19E-04	1.38E-04	6.93E-06	1.07E-07	3.94E-08	1.45E-04	1.22E-04	5.3E-06	1E-07	4.1E-08	0.0001
2211	495361.06, 3859801.99	0.05965	0.06416	0.06254	0.05452	0.06253	1.12E-04	5.6E-06	1.1E-07	7E-08	1.18E-04	1.37E-04	6.90E-06	1.07E-07	3.91E-08	1.44E-04	1.21E-04	5.3E-06	1E-07	4E-08	0.0001
2212	495411.06, 3859801.99	0.05929	0.06378	0.06223	0.0543	0.06197	1.11E-04	5.6E-06	1.1E-07	6.9E-08	1.17E-04	1.37E-04	6.86E-06	1.06E-07	3.88E-08	1.44E-04	1.20E-04	5.3E-06	1E-07	4E-08	0.0001
2213	495461.06, 3859801.99	0.05899	0.06346	0.06197	0.0541	0.06157	1.11E-04	5.6E-06	1.1E-07	6.9E-08	1.17E-04	1.36E-04	6.82E-06	1.06E-07	3.85E-08	1.43E-04	1.20E-04	5.2E-06	1E-07	4E-08	0.0001
2214	495511.06, 3859801.99	0.05858	0.06304	0.06162	0.05385	0.06084	1.10E-04	5.5E-06	1.1E-07	6.8E-08	1.16E-04	1.35E-04	6.78E-06	1.05E-07	3.81E-08	1.42E-04	1.19E-04	5.2E-06	1E-07	3.9E-08	0.0001
2215	495561.06, 3859801.99	0.05831	0.06276	0.06138	0.05365	0.06054	1.10E-04	5.5E-06	1.1E-07	6.8E-08	1.15E-04	1.34E-04	6.75E-06	1.05E-07	3.79E-08	1.41E-04	1.18E-04	5.2E-06	1E-07	3.9E-08	0.0001
2216	495611.06, 3859801.99	0.05813	0.06257	0.06121	0.05349	0.06052	1.09E-04	5.5E-06	1.1E-07	6.8E-08	1.15E-04	1.34E-04	6.73E-06	1.05E-07	3.79E-08	1.41E-04	1.18E-04	5.2E-06	1E-07	3.9E-08	0.0001
2217	495661.06, 3859801.99	0.05775	0.06218	0.06089	0.05325	0.05988	1.09E-04	5.5E-06	1.1E-07	6.7E-08	1.14E-04	1.33E-04	6.68E-06	1.04E-07	3.75E-08	1.40E-04	1.17E-04	5.1E-06	1E-07	3.9E-08	0.0001
2218	494311.06, 3859851.99	0.06519	0.06998	0.06786	0.05759	0.0704	1.23E-04	6.1E-06	1.1E-07	7.9E-08	1.29E-04	1.50E-04	7.52E-06	1.13E-07	4.40E-08	1.58E-04	1.32E-04	5.8E-06	1.1E-07	4.5E-08	0.0001
2219	494361.06, 3859851.99	0.06486	0.06966	0.06759	0.05741	0.06981	1.22E-04	6.1E-06	1.1E-07	7.8E-08	1.28E-04	1.49E-04	7.49E-06	1.12E-07	4.37E-08	1.57E-04	1.32E-04	5.8E-06	1.1E-07	4.5E-08	0.0001
2220	494411.06, 3859851.99	0.0645	0.06931	0.06678	0.05723	0.06911	1.21E-04	6.1E-06	1.1E-07	7.7E-08	1.27E-04	1.49E-04	7.45E-06	1.12E-07	4.32E-08	1.56E-04	1.31E-04	5.7E-06	1.1E-07	4.5E-08	0.0001
2221	494461.06, 3859851.99	0.06419	0.06901	0.06648	0.05704	0.06866	1.21E-04	6.1E-06	1.1E-07	7.7E-08	1.27E-04	1.48E-04	7.42E-06	1.12E-07	4.29E-08	1.55E-04	1.30E-04	5.7E-06	1.1E-07	4.4E-08	0.0001
2222	494511.06, 3859851.99	0.06396	0.06879	0.06628	0.05681	0.0687	1.20E-04	6E-06	1.1E-07	7.7E-08	1.26E-04	1.47E-04	7.40E-06	1.11E-07	4.30E-08	1.55E-04	1.30E-04	5.7E-06	1.1E-07	4.4E-08	0.0001
2223	494561.06, 3859851.99	0.06376	0.06858	0.06656	0.05658	0.06887	1.20E-04	6E-06	1.1E-07	7.7E-08	1.26E-04	1.47E-04	7.37E-06	1.11E-07	4.31E-08	1.54E-04	1.29E-04	5.7E-06	1.1E-07	4.4E-08	0.0001
2224	494611.06, 3859851.99	0.06333	0.06805	0.06567	0.05645	0.06772	1.19E-04	6E-06	1.1E-07	7.6E-08	1.25E-04	1.46E-04	7.32E-06	1.11E-07	4.24E-08	1.53E-04	1.29E-04	5.6E-06	1.1E-07	4.4E-08	0.0001
2225	494661.06, 3859851.99	0.06309	0.06793	0.06545	0.05624	0.06767	1.19E-04	6E-06	1.1E-07	7.6E-08	1.25E-04	1.45E-04	7.30E-06	1.10E-07	4.23E-08	1.53E-04	1.28E-04	5.6E-06	1.1E-07	4.4E-08	0.0001
2226	494711.06, 3859851.99	0.06271	0.06741	0.06509	0.05609	0.06686	1.18E-04	5.9E-06	1.1E-07	7.5E-08	1.24E-04	1.44E-04	7.25E-06	1.10E-07	4.18E-08	1.52E-04	1.27E-04	5.6E-06	1.1E-07	4.3E-08	0.0001
2227	494761.06, 3859851.99	0.06253	0.06722	0.06492	0.05586	0.06705	1.18E-04	5.9E-06	1.1E-07	7.5E-08	1.24E-04	1.44E-04	7.23E-06	1.09E-07	4.19E-08	1.51E-04	1.27E-04	5.6E-06	1.1E-07	4.3E-08	0.0001
2228	494811.06, 3859851.99	0.06222	0.06689	0.06464	0.05569	0.06663	1.17E-04	5.9E-06	1.1E-07	7.4E-08	1.23E-04	1.43E-04	7.19E-06	1.09E-07	4.17E-08	1.51E-04	1.26E-04	5.5E-06	1.1E-07	4.3E-08	0.0001
2229	494861.06, 3859851.99	0.06197	0.06663	0.06441	0.05549	0.06646	1.16E-04	5.8E-06	1.1E-07	7.4E-08	1.22E-04	1.43E-04	7.16E-06	1.09E-07	4.16E-08	1.50E-04	1.26E-04	5.5E-06	1.1E-07	4.3E-08	0.0001
2230	494911.06, 3859851.99	0.06165	0.06628	0.0641	0.05534	0.06593	1.16E-04	5.8E-06	1.1E-07	7.4E-08	1.22E-04	1.42E-04	7.13E-06	1.08E-07	4.12E-08	1.49E-04	1.25E-04	5.5E-06	1.1E-07	4.3E-08	0.0001
2231	494961.06, 3859851.99	0.06136	0.06597	0.06384	0.05516	0.06558	1.15E-04	5.8E-06	1.1E-07	7.3E-08	1.21E-04	1.41E-04	7.09E-06	1.08E-07	4.10E-08	1.49E-04	1.25E-04	5.5E-06	1E-07	4.2E-08	0.0001
2232	495011.06, 3859851.99	0.06107	0.06566	0.06357	0.05498	0.06522	1.15E-04	5.8E-06	1.1E-07	7.3E-08	1.21E-04	1.41E-04	7.06E-06	1.08E-07	4.08E-08	1.48E-04	1.24E-04	5.4E-06	1E-07	4.2E-08	0.0001
2233	495061.06, 3859851.99	0.06081	0.06538	0.06333	0.0548	0.06498	1.14E-04	5.7E-06	1.1E-07	7.3E-08	1.20E-04	1.40E-04	7.03E-06	1.07E-07	4.06E-08	1.47E-04	1.23E-04	5.4E-06	1E-07	4.2E-08	0.0001
2234	495111.06, 3859851.99	0.06048	0.06502	0.06303	0.05463	0.06442	1.14E-04	5.7E-06	1.1E-07	7.2E-08	1.20E-04	1.39E-04	6.99E-06	1.07E-07	4.03E-08	1.46E-04	1.23E-04	5.4E-06	1E-07	4.2E-08	0.0001
2235	495161.06, 3859851.99	0.06018	0.0647	0.06276	0.05446	0.06401	1.13E-04	5.7E-06	1.1E-07	7.2E-08	1.19E-04	1.39E-04	6.96E-06	1.07E-07	4.00E-08	1.46E-04	1.22E-04	5.4E-06	1E-07	4.1E-08	0.0001
2236	495211.06, 3859851.99	0.0599	0.06439	0.0625	0.05428	0.06364	1.13E-04	5.6E-06	1.1E-07	7.1E-08	1.18E-04	1.38E-04	6.92E-06	1.06E-07	3.98E-08	1.45E-04	1.22E-04	5.3E-06	1E-07	4.1E-08	0.0001

2237	495261.06, 3859851.99	0.0596	0.06406	0.06223	0.0541	0.06323	1.12E-04	5.6E-06	1.1E-07	7.1E-08	1.18E-04	1.37E-04	6.89E-06	1.06E-07	3.95E-08	1.44E-04	1.21E-04	5.3E-06	1E-07	4.1E-08	0.0001
2238	495311.06, 3859851.99	0.05934	0.06378	0.062	0.05392	0.06296	1.12E-04	5.6E-06	1.1E-07	7E-08	1.17E-04	1.37E-04	6.86E-06	1.06E-07	3.94E-08	1.44E-04	1.20E-04	5.3E-06	1E-07	4.1E-08	0.0001
2239	495361.06, 3859851.99	0.05906	0.06348	0.06175	0.05374	0.06261	1.11E-04	5.6E-06	1.1E-07	7E-08	1.17E-04	1.36E-04	6.82E-06	1.05E-07	3.92E-08	1.43E-04	1.20E-04	5.2E-06	1E-07	4E-08	0.0001
2240	495411.06, 3859851.99	0.05873	0.06313	0.06147	0.05355	0.06209	1.10E-04	5.5E-06	1.1E-07	6.9E-08	1.16E-04	1.35E-04	6.79E-06	1.05E-07	3.88E-08	1.42E-04	1.19E-04	5.2E-06	1E-07	4E-08	0.0001
2241	495461.06, 3859851.99	0.05841	0.06279	0.06119	0.05336	0.0616	1.10E-04	5.5E-06	1.1E-07	6.9E-08	1.15E-04	1.35E-04	6.75E-06	1.05E-07	3.85E-08	1.41E-04	1.19E-04	5.2E-06	1E-07	4E-08	0.0001
2242	495511.06, 3859851.99	0.05806	0.06242	0.06089	0.05316	0.061	1.09E-04	5.5E-06	1.1E-07	6.8E-08	1.15E-04	1.34E-04	6.71E-06	1.04E-07	3.82E-08	1.41E-04	1.18E-04	5.2E-06	1E-07	3.9E-08	0.0001
2243	495561.06, 3859851.99	0.05783	0.06217	0.06068	0.05298	0.06081	1.09E-04	5.5E-06	1.1E-07	6.8E-08	1.14E-04	1.33E-04	6.68E-06	1.04E-07	3.80E-08	1.40E-04	1.17E-04	5.1E-06	1E-07	3.9E-08	0.0001
2244	495611.06, 3859851.99	0.05758	0.06191	0.06046	0.0528	0.06056	1.08E-04	5.4E-06	1E-07	6.8E-08	1.14E-04	1.33E-04	6.66E-06	1.03E-07	3.79E-08	1.39E-04	1.17E-04	5.1E-06	1E-07	3.9E-08	0.0001
2245	495661.06, 3859851.99	0.05724	0.06155	0.06016	0.05259	0.05998	1.08E-04	5.4E-06	1E-07	6.7E-08	1.13E-04	1.32E-04	6.62E-06	1.03E-07	3.75E-08	1.39E-04	1.16E-04	5.1E-06	1E-07	3.9E-08	0.0001
2246	494311.06, 3859901.99	0.06415	0.06882	0.06671	0.05663	0.06986	1.21E-04	6E-06	1.1E-07	7.8E-08	1.27E-04	1.48E-04	7.40E-06	1.11E-07	4.37E-08	1.55E-04	1.30E-04	5.7E-06	1.1E-07	4.5E-08	0.0001
2247	494361.06, 3859901.99	0.06377	0.06845	0.06644	0.05647	0.06893	1.20E-04	6E-06	1.1E-07	7.7E-08	1.26E-04	1.47E-04	7.36E-06	1.11E-07	4.31E-08	1.54E-04	1.29E-04	5.7E-06	1.1E-07	4.5E-08	0.0001
2248	494411.06, 3859901.99	0.06353	0.06821	0.06619	0.05625	0.0688	1.19E-04	6E-06	1.1E-07	7.7E-08	1.26E-04	1.46E-04	7.33E-06	1.10E-07	4.30E-08	1.54E-04	1.29E-04	5.6E-06	1.1E-07	4.4E-08	0.0001
2249	494461.06, 3859901.99	0.06324	0.06793	0.06594	0.05606	0.06838	1.19E-04	6E-06	1.1E-07	7.6E-08	1.25E-04	1.46E-04	7.30E-06	1.10E-07	4.28E-08	1.53E-04	1.28E-04	5.6E-06	1.1E-07	4.4E-08	0.0001
2250	494511.06, 3859901.99	0.06298	0.06768	0.06569	0.05585	0.0682	1.18E-04	5.9E-06	1.1E-07	7.6E-08	1.24E-04	1.45E-04	7.28E-06	1.09E-07	4.27E-08	1.52E-04	1.28E-04	5.6E-06	1.1E-07	4.4E-08	0.0001
2251	494561.06, 3859901.99	0.0628	0.06751	0.06545	0.05559	0.06852	1.18E-04	5.9E-06	1.1E-07	7.7E-08	1.24E-04	1.45E-04	7.26E-06	1.09E-07	4.29E-08	1.52E-04	1.28E-04	5.6E-06	1.1E-07	4.4E-08	0.0001
2252	494611.06, 3859901.99	0.06241	0.06711	0.06518	0.05548	0.06737	1.17E-04	5.9E-06	1.1E-07	7.5E-08	1.23E-04	1.44E-04	7.21E-06	1.09E-07	4.21E-08	1.51E-04	1.27E-04	5.5E-06	1.1E-07	4.4E-08	0.0001
2253	494661.06, 3859901.99	0.06221	0.06692	0.06495	0.05524	0.06758	1.17E-04	5.9E-06	1.1E-07	7.6E-08	1.23E-04	1.43E-04	7.19E-06	1.08E-07	4.23E-08	1.51E-04	1.26E-04	5.5E-06	1.1E-07	4.4E-08	0.0001
2254	494711.06, 3859901.99	0.06181	0.06652	0.06416	0.05513	0.06646	1.16E-04	5.8E-06	1.1E-07	7.4E-08	1.22E-04	1.42E-04	7.15E-06	1.08E-07	4.16E-08	1.50E-04	1.25E-04	5.5E-06	1E-07	4.3E-08	0.0001
2255	494761.06, 3859901.99	0.06159	0.0663	0.06445	0.05492	0.06648	1.16E-04	5.8E-06	1.1E-07	7.4E-08	1.22E-04	1.42E-04	7.13E-06	1.08E-07	4.16E-08	1.49E-04	1.25E-04	5.5E-06	1E-07	4.3E-08	0.0001
2256	494811.06, 3859901.99	0.06137	0.06609	0.06422	0.05471	0.0665	1.15E-04	5.8E-06	1.1E-07	7.4E-08	1.21E-04	1.41E-04	7.10E-06	1.07E-07	4.16E-08	1.49E-04	1.25E-04	5.5E-06	1E-07	4.3E-08	0.0001
2257	494861.06, 3859901.99	0.06112	0.06583	0.06398	0.05451	0.0663	1.15E-04	5.8E-06	1.1E-07	7.4E-08	1.21E-04	1.41E-04	7.08E-06	1.07E-07	4.15E-08	1.48E-04	1.24E-04	5.4E-06	1E-07	4.3E-08	0.0001
2258	494911.06, 3859901.99	0.06081	0.06552	0.06324	0.05436	0.06577	1.14E-04	5.7E-06	1.1E-07	7.3E-08	1.20E-04	1.40E-04	7.04E-06	1.06E-07	4.11E-08	1.47E-04	1.23E-04	5.4E-06	1E-07	4.2E-08	0.0001
2259	494961.06, 3859901.99	0.06056	0.06526	0.063	0.05418	0.06552	1.14E-04	5.7E-06	1.1E-07	7.3E-08	1.20E-04	1.39E-04	7.02E-06	1.06E-07	4.10E-08	1.47E-04	1.23E-04	5.4E-06	1E-07	4.2E-08	0.0001
2260	495011.06, 3859901.99	0.06027	0.06497	0.06273	0.05402	0.06507	1.13E-04	5.7E-06	1.1E-07	7.3E-08	1.19E-04	1.39E-04	6.98E-06	1.06E-07	4.07E-08	1.46E-04	1.22E-04	5.4E-06	1E-07	4.2E-08	0.0001
2261	495061.06, 3859901.99	0.05999	0.06469	0.06247	0.05386	0.0647	1.13E-04	5.7E-06	1.1E-07	7.2E-08	1.19E-04	1.38E-04	6.95E-06	1.06E-07	4.05E-08	1.45E-04	1.22E-04	5.3E-06	1E-07	4.2E-08	0.0001
2262	495111.06, 3859901.99	0.05969	0.06419	0.06217	0.05371	0.06416	1.12E-04	5.6E-06	1.1E-07	7.2E-08	1.18E-04	1.37E-04	6.90E-06	1.05E-07	4.01E-08	1.45E-04	1.21E-04	5.3E-06	1E-07	4.1E-08	0.0001
2263	495161.06, 3859901.99	0.05939	0.06386	0.06189	0.05357	0.06367	1.12E-04	5.6E-06	1.1E-07	7.1E-08	1.17E-04	1.37E-04	6.87E-06	1.05E-07	3.98E-08	1.44E-04	1.21E-04	5.3E-06	1E-07	4.1E-08	0.0001
2264	495211.06, 3859901.99	0.05915	0.0636	0.06167	0.05339	0.06349	1.11E-04	5.6E-06	1.1E-07	7.1E-08	1.17E-04	1.36E-04	6.84E-06	1.05E-07	3.97E-08	1.43E-04	1.20E-04	5.3E-06	1E-07	4.1E-08	0.0001
2265	495261.06, 3859901.99	0.05883	0.06324	0.06137	0.05324	0.06287	1.11E-04	5.5E-06	1.1E-07	7E-08	1.16E-04	1.35E-04	6.80E-06	1.04E-07	3.93E-08	1.42E-04	1.19E-04	5.2E-06	1E-07	4.1E-08	0.0001
2266	495311.06, 3859901.99	0.0586	0.06299	0.06115	0.05306	0.0627	1.10E-04	5.5E-06	1.1E-07	7E-08	1.16E-04	1.35E-04	6.77E-06	1.04E-07	3.92E-08	1.42E-04	1.19E-04	5.2E-06	1E-07	4.1E-08	0.0001
2267	495361.06, 3859901.99	0.05832	0.06268	0.06089	0.0529	0.0623	1.10E-04	5.5E-06	1E-07	7E-08	1.15E-04	1.34E-04	6.74E-06	1.04E-07	3.90E-08	1.41E-04	1.18E-04	5.2E-06	1E-07	4E-08	0.0001
2268	495411.06, 3859901.99	0.05801	0.06235	0.06062	0.05274	0.06178	1.09E-04	5.5E-06	1E-07	6.9E-08	1.15E-04	1.34E-04	6.70E-06	1.03E-07	3.86E-08	1.40E-04	1.18E-04	5.2E-06	1E-07	4E-08	0.0001
2269	495461.06, 3859901.99	0.05773	0.06203	0.06036	0.05257	0.06135	1.08E-04	5.4E-06	1E-07	6.9E-08	1.14E-04	1.33E-04	6.67E-06	1.03E-07	3.84E-08	1.40E-04	1.17E-04	5.1E-06	1E-07	4E-08	0.0001
2270	495511.06, 3859901.99	0.05749	0.06178	0.06014	0.0524	0.06112	1.08E-04	5.4E-06	1E-07	6.8E-08	1.14E-04	1.32E-04	6.64E-06	1.03E-07	3.82E-08	1.39E-04	1.17E-04	5.1E-06	1E-07	3.9E-08	0.0001
2271	495561.06, 3859901.99	0.05725	0.06152	0.05993	0.05222	0.06089	1.08E-04	5.4E-06	1E-07	6.8E-08	1.13E-04	1.32E-04	6.61E-06	1.02E-07	3.81E-08	1.39E-04	1.16E-04	5.1E-06	9.9E-08	3.9E-08	0.0001
2272	495611.06, 3859901.99	0.05695	0.0612	0.05966	0.05205	0.0604	1.07E-04	5.4E-06	1E-07	6.7E-08	1.13E-04	1.31E-04	6.58E-06	1.02E-07	3.78E-08	1.38E-04	1.16E-04	5.1E-06	9.9E-08	3.9E-08	0.0001
2273	495661.06, 3859901.99	0.05663	0.06086	0.05939	0.05187	0.05987	1.06E-04	5.3E-06	1E-07	6.7E-08	1.12E-04	1.30E-04	6.54E-06	1.02E-07	3.74E-08	1.37E-04	1.15E-04	5E-06	9.9E-08	3.9E-08	0.0001
2274	494311.06, 3859951.99	0.06312	0.068	0.0656	0.05568	0.06944	1.19E-04	6E-06	1.1E-07	7.8E-08	1.25E-04	1.45E-04	7.31E-06	1.09E-07	4.34E-08	1.53E-04	1.28E-04	5.6E-06	1.1E-07	4.5E-08	0.0001
2275	494361.06, 3859951.99	0.06282	0.06774	0.06534	0.0555	0.06887	1.18E-04	5.9E-06	1.1E-07	7.7E-08	1.24E-04	1.45E-04	7.28E-06	1.09E-07	4.31E-08	1.52E-04	1.28E-04	5.6E-06	1.1E-07	4.4E-08	0.0001
2276	494411.06, 3859951.99	0.06253	0.06711	0.06509	0.05531	0.06837	1.18E-04	5.9E-06	1.1E-07	7.6E-08	1.24E-04	1.44E-04	7.21E-06	1.08E-07	4.28E-08	1.51E-04	1.27E-04	5.5E-06	1.1E-07	4.4E-08	0.0001
2277	494461.06, 3859951.99	0.06225	0.06685	0.06485	0.05512	0.06799	1.17E-04	5.9E-06	1.1E-07	7.6E-08	1.23E-04	1.43E-04	7.19E-06	1.08E-07	4.25E-08	1.51E-04	1.26E-04	5.5E-06	1E-07	4.4E-08	0.0001
2278	494511.06, 3859951.99	0.06201	0.06661	0.06461	0.05491	0.06782	1.17E-04	5.8E-06	1.1E-07	7.6E-08	1.23E-04	1.43E-04	7.16E-06	1.08E-07	4.24E-08	1.50E-04	1.26E-04	5.5E-06	1E-07	4.4E-08	0.0001
2279	494561.06, 3859951.99	0.06185	0.06672	0.06437	0.05464	0.06822	1.16E-04	5.9E-06	1.1E-07	7.6E-08	1.22E-04	1.42E-04	7.17E-06	1.07E-07	4.27E-08	1.50E-04	1.26E-04	5.5E-06	1E-07	4.4E-08	0.0001
2280	494611.06, 3859951.99	0.0615	0.06611	0.06412	0.05451	0.06729	1.16E-04	5.8E-06	1.1E-07	7.5E-08	1.22E-04	1.42E-04	7.11E-06	1.07E-07	4.21E-08	1.49E-04	1.25E-04	5.5E-06	1E-07	4.3E-08	0.0001
2281	494661.06, 3859951.99	0.06129	0.06621	0.06389	0.05429	0.06738	1.15E-04	5.8E-06	1.1E-07	7.5E-08	1.21E-04	1.41E-04	7.12E-06	1.06E-07	4.21E-08	1.48E-04	1.24E-04	5.5E-06	1E-07	4.4E-08	0.0001
2282	494711.06, 3859951.99	0.06096	0.06557	0.06364	0.05415	0.06653	1.15E-04	5.8E-06	1.1E-07	7.4E-08	1.20E-04	1.40E-04	7.05E-06	1.06E-07	4.16E-08	1.48E-04	1.24E-04	5.4E-06	1E-07	4.3E-08	0.0001
2283	494761.06, 3859951.99	0.06071	0.06533	0.06341	0.05395	0.06636	1.14E-04	5.7E-06	1.1E-07	7.4E-08	1.20E-04	1.40E-04	7.02E-06	1.06E-07	4.15E-08	1.47E-04	1.23E-04	5.4E-06	1E-07	4.3E-08	0.0001
2284	494811.06, 3859951.99	0.06046	0.06507	0.06317	0.05376	0.0661	1.14E-04	5.7E-06	1.1E-07	7.4E-08	1.20E-04	1.39E-04	7.00E-06	1.05E-07	4.13E-08	1.46E-04	1.23E-04	5.4E-06	1E-07	4.3E-08	0.0001
2285	494861.06, 3859951.99	0.06022	0.06485	0.06295	0.05355	0.06604	1.13E-04	5.7E-06	1.1E-07	7.4E-08	1.19E-04	1.39E-04	6.97E-06	1.05E-07	4.13E-08	1.46E-04	1.22E-04	5.4E-06	1E-07	4.3E-08	0.0001
2286	494911.06, 3859951.99	0.05995	0.06456	0.06271	0.0534	0.06552	1.13E-04	5.7E-06	1.1E-07	7.3E-08	1.19E-04	1.38E-04	6.94E-06	1.05E-07	4.10E-08	1.45E-04	1.22E-04	5.3E-06	1E-07	4.2E-08	0.0001
2287	494961.06, 3859951.99	0.05966	0.06427	0.06247	0.05325	0.06505	1.12E-04	5.6E-06	1.1E-07	7.3E-08	1.18E-04	1.37E-04	6.91E-06	1.04E-07	4.07E-08	1.44E-04	1.21E-04	5.3E-06	1E-07	4.2E-08	0.0001
2288	495011.06, 3859951.99	0.0594	0.064	0.06224	0.05309	0.06465	1.12E-04	5.6E-06	1.1E-07	7.2E-08	1.17E-04	1.37E-04	6.88E-06	1.04E-07	4.04E-08	1.44E-04	1.21E-04	5.3E-06	1E-07	4.2E-08	0.0001
2289	495061.06, 3859951.99	0.05914	0.06374	0.06202	0.05293	0.06436	1.11E-04	5.6E-06	1.1E-07	7.2E-08	1.17E-04	1.36E-04	6.85E-06	1.04E-07	4.03E-08	1.43E-04	1.20E-04	5.3E-06	1E-07	4.2E-08	0.0001
2290	495111.06, 3859951.99	0.05886	0.06345	0.06179	0.05279	0.06385	1.11E-04	5.6E-06	1E-07	7.1E-08	1.16E-04	1.36E-04	6.82E-06	1.03E-07	3.99E-08	1.43E-04	1.20E-04	5.2E-06	1E-07	4.1E-08	0.0001
2291	495161.06, 3859951.99	0.05858	0.06316	0.06105	0.05264	0.06336	1.10E-04	5.5E-06	1E-07	7.1E-08	1.16E-04	1.35E-04	6.79E-06	1.03E-07	3.96E-08	1.42E-04	1.19E-04	5.2E-06	1E-07	4.1E-08	0.0001
2292	495211.06, 3859951.99	0.0583	0.0627	0.06077	0.0525	0.06289	1.10E-04	5.5E-06	1E-07	7E-08	1.15E-04	1.34E-04	6.74E-06	1.03E-07	3.93E-08	1.41E-04	1.18E-04	5.2E-06	1E-07	4.1E-08	0.0001
2293	495261.06, 3859951.99	0.05804	0.06242	0.06053	0.05235	0.06254	1.09E-04	5.5E-06	1E-07	7E-08	1.15E-04	1.34E-04	6.71E-06	1.03E-07	3.91E-08	1.41E-04	1.18E-04	5.2E-06	1E-07	4E-08	0.0001
2294	495311.06, 3859951.99	0.05782	0.06219	0.06033	0.05217	0.06242	1.09E-04	5.5E-06	1E-07	7E-08	1.14E-04	1.33E-04	6.69E-06	1.02E-07	3.90E-08	1.40E-04	1.17E-04	5.1E-06	9.9E-08	4E-08	0.0001
2295	495361.06, 3859951.99	0.05757	0.06192	0.0601	0.05201	0.06213	1.08E-04	5.4E-06	1E-07	6.9E-08	1.14E-04	1.33E-04	6.66E-06	1.02E-07	3.89E-08	1.39E-04	1.17E-04	5.1E-06	9.9E-08	4E-08	0.0001
2296	495411.06, 3859951.99	0.0573	0.06161	0.05983	0.05188	0.06165	1.08E-04	5.4E-06	1E-07	6.9E-08	1.13E-04	1.32E-04	6.62E-06	1.02E-07	3.86E-08	1.39E-04	1.16E-04	5.1E-06	9.9E-08	4E-08	0.0001
2297	495461.06, 3859951.99	0.05703	0.06132	0.05958	0.05172	0.06125	1.07E-04	5.4E-06	1E-07	6.8E-08	1.13E-04	1.31E-04	6.59E-06	1.01E-07	3.83E-08	1.38E-04	1.16E-04	5.1E-06	9.8E-08	4E-08	0.0001
2298	495511.06, 3859951.99	0.05676	0.06102	0.05933	0.05157	0.06083	1.07E-04	5.4E-06	1E-07	6.8E-08	1.12E-04	1.31E-04	6.56E-06	1.01E-07	3.80E-08	1.37E-04	1.15E-04	5E-06	9.8E-08	3.9E-08	0.0001
2299	495561.06, 3859951.99	0.05657	0.06081	0.05915	0.0514	0.06078	1.06E-04	5.3E-06	1E-07	6.8E-08	1.12E-04	1.30E-04	6.54E-06	1.01E-07	3.80E-08	1.37E-04	1.15E-04	5E-06	9.8E-08	3.9E-08	0.0001
2300	495611.06, 3859951.99	0.05629	0.0605	0.05889	0.05125	0.06032	1.06E-04	5.3E-06	1E-07	6.7E-08	1.11E-04	1.30E-04	6.50E-06	1.00E-07	3.77E-08	1.36E-04	1.14E-04	5E-06	9.7E-08	3.9E-08	0.0001

2301	495661.06, 3859951.99	0.05599	0.06016	0.05862	0.05111	0.05974	1.05E-04	5.3E-06	1E-07	6.7E-08	1.11E-04	1.29E-04	6.47E-06	1.00E-07	3.74E-08	1.36E-04	1.14E-04	5E-06	9.7E-08	3.9E-08	0.0001
2302	494311.06, 3860001.99	0.06209	0.06679	0.06447	0.05479	0.06891	1.17E-04	5.9E-06	1.1E-07	7.7E-08	1.23E-04	1.43E-04	7.18E-06	1.07E-07	4.31E-08	1.50E-04	1.26E-04	5.5E-06	1E-07	4.5E-08	0.0001
2303	494361.06, 3860001.99	0.06182	0.06654	0.06423	0.05459	0.06852	1.16E-04	5.8E-06	1.1E-07	7.7E-08	1.22E-04	1.42E-04	7.15E-06	1.07E-07	4.29E-08	1.50E-04	1.26E-04	5.5E-06	1E-07	4.4E-08	0.0001
2304	494411.06, 3860001.99	0.06152	0.0663	0.06402	0.05442	0.06784	1.16E-04	5.8E-06	1.1E-07	7.6E-08	1.22E-04	1.42E-04	7.13E-06	1.07E-07	4.24E-08	1.49E-04	1.25E-04	5.5E-06	1E-07	4.4E-08	0.0001
2305	494461.06, 3860001.99	0.06128	0.06605	0.06378	0.05421	0.06762	1.15E-04	5.8E-06	1.1E-07	7.6E-08	1.21E-04	1.41E-04	7.10E-06	1.06E-07	4.23E-08	1.48E-04	1.24E-04	5.5E-06	1E-07	4.4E-08	0.0001
2306	494511.06, 3860001.99	0.06101	0.06581	0.06354	0.05403	0.06713	1.15E-04	5.8E-06	1.1E-07	7.5E-08	1.21E-04	1.40E-04	7.07E-06	1.06E-07	4.20E-08	1.48E-04	1.24E-04	5.4E-06	1E-07	4.3E-08	0.0001
2307	494561.06, 3860001.99	0.06087	0.06557	0.06327	0.05376	0.06775	1.14E-04	5.8E-06	1.1E-07	7.6E-08	1.20E-04	1.40E-04	7.05E-06	1.05E-07	4.24E-08	1.47E-04	1.24E-04	5.4E-06	1E-07	4.4E-08	0.0001
2308	494611.06, 3860001.99	0.06059	0.06532	0.06305	0.05359	0.06721	1.14E-04	5.7E-06	1.1E-07	7.5E-08	1.20E-04	1.40E-04	7.02E-06	1.05E-07	4.20E-08	1.47E-04	1.23E-04	5.4E-06	1E-07	4.3E-08	0.0001
2309	494661.06, 3860001.99	0.06034	0.06507	0.06282	0.05339	0.06697	1.13E-04	5.7E-06	1.1E-07	7.5E-08	1.19E-04	1.39E-04	7.00E-06	1.05E-07	4.19E-08	1.46E-04	1.23E-04	5.4E-06	1E-07	4.3E-08	0.0001
2310	494711.06, 3860001.99	0.05998	0.06482	0.0626	0.05328	0.0658	1.13E-04	5.7E-06	1.1E-07	7.4E-08	1.19E-04	1.38E-04	6.97E-06	1.04E-07	4.12E-08	1.45E-04	1.22E-04	5.4E-06	1E-07	4.3E-08	0.0001
2311	494761.06, 3860001.99	0.0598	0.06458	0.06238	0.05304	0.06602	1.12E-04	5.7E-06	1.1E-07	7.4E-08	1.18E-04	1.38E-04	6.94E-06	1.04E-07	4.13E-08	1.45E-04	1.21E-04	5.3E-06	1E-07	4.3E-08	0.0001
2312	494811.06, 3860001.99	0.05956	0.06434	0.06215	0.05284	0.06585	1.12E-04	5.6E-06	1E-07	7.4E-08	1.18E-04	1.37E-04	6.92E-06	1.04E-07	4.12E-08	1.44E-04	1.21E-04	5.3E-06	1E-07	4.3E-08	0.0001
2313	494861.06, 3860001.99	0.05933	0.06409	0.06192	0.05265	0.06576	1.11E-04	5.6E-06	1E-07	7.3E-08	1.17E-04	1.37E-04	6.89E-06	1.03E-07	4.11E-08	1.44E-04	1.20E-04	5.3E-06	1E-07	4.2E-08	0.0001
2314	494911.06, 3860001.99	0.05899	0.06352	0.06169	0.05255	0.0647	1.11E-04	5.6E-06	1E-07	7.2E-08	1.17E-04	1.36E-04	6.83E-06	1.03E-07	4.05E-08	1.43E-04	1.20E-04	5.3E-06	1E-07	4.2E-08	0.0001
2315	494961.06, 3860001.99	0.05876	0.06329	0.06147	0.05236	0.06457	1.10E-04	5.6E-06	1E-07	7.2E-08	1.16E-04	1.35E-04	6.80E-06	1.03E-07	4.04E-08	1.42E-04	1.19E-04	5.2E-06	1E-07	4.2E-08	0.0001
2316	495011.06, 3860001.99	0.0585	0.06302	0.06125	0.0522	0.06411	1.10E-04	5.5E-06	1E-07	7.2E-08	1.16E-04	1.35E-04	6.77E-06	1.02E-07	4.01E-08	1.42E-04	1.19E-04	5.2E-06	9.9E-08	4.1E-08	0.0001
2317	495061.06, 3860001.99	0.05827	0.0628	0.06103	0.05201	0.06401	1.10E-04	5.5E-06	1E-07	7.2E-08	1.15E-04	1.34E-04	6.75E-06	1.02E-07	4.00E-08	1.41E-04	1.18E-04	5.2E-06	9.9E-08	4.1E-08	0.0001
2318	495111.06, 3860001.99	0.05801	0.06252	0.06081	0.05187	0.06353	1.09E-04	5.5E-06	1E-07	7.1E-08	1.15E-04	1.34E-04	6.72E-06	1.02E-07	3.97E-08	1.40E-04	1.18E-04	5.2E-06	9.9E-08	4.1E-08	0.0001
2319	495161.06, 3860001.99	0.05774	0.06225	0.06058	0.05173	0.06306	1.09E-04	5.5E-06	1E-07	7E-08	1.14E-04	1.33E-04	6.69E-06	1.01E-07	3.94E-08	1.40E-04	1.17E-04	5.1E-06	9.8E-08	4.1E-08	0.0001
2320	495211.06, 3860001.99	0.05752	0.06203	0.06037	0.05155	0.06293	1.08E-04	5.4E-06	1E-07	7E-08	1.14E-04	1.32E-04	6.67E-06	1.01E-07	3.94E-08	1.39E-04	1.17E-04	5.1E-06	9.8E-08	4.1E-08	0.0001
2321	495261.06, 3860001.99	0.05727	0.06176	0.06015	0.05141	0.06251	1.08E-04	5.4E-06	1E-07	7E-08	1.13E-04	1.32E-04	6.64E-06	1.01E-07	3.91E-08	1.39E-04	1.16E-04	5.1E-06	9.8E-08	4E-08	0.0001
2322	495311.06, 3860001.99	0.05703	0.06151	0.05994	0.05126	0.06223	1.07E-04	5.4E-06	1E-07	7E-08	1.13E-04	1.31E-04	6.61E-06	1.00E-07	3.89E-08	1.38E-04	1.16E-04	5.1E-06	9.8E-08	4E-08	0.0001
2323	495361.06, 3860001.99	0.05674	0.0612	0.05923	0.05116	0.06153	1.07E-04	5.4E-06	1E-07	6.9E-08	1.12E-04	1.31E-04	6.58E-06	1.00E-07	3.85E-08	1.37E-04	1.15E-04	5.1E-06	9.7E-08	4E-08	0.0001
2324	495411.06, 3860001.99	0.05653	0.06099	0.05906	0.05097	0.06151	1.06E-04	5.4E-06	1E-07	6.9E-08	1.12E-04	1.30E-04	6.56E-06	9.98E-08	3.85E-08	1.37E-04	1.15E-04	5E-06	9.7E-08	4E-08	0.0001
2325	495461.06, 3860001.99	0.05629	0.06074	0.05882	0.05083	0.06115	1.06E-04	5.3E-06	1E-07	6.8E-08	1.11E-04	1.30E-04	6.53E-06	9.96E-08	3.82E-08	1.36E-04	1.14E-04	5E-06	9.7E-08	4E-08	0.0001
2326	495511.06, 3860001.99	0.05605	0.06048	0.05859	0.05068	0.06082	1.05E-04	5.3E-06	1E-07	6.8E-08	1.11E-04	1.29E-04	6.50E-06	9.93E-08	3.80E-08	1.36E-04	1.14E-04	5E-06	9.6E-08	3.9E-08	0.0001
2327	495561.06, 3860001.99	0.05584	0.06026	0.0584	0.05051	0.06067	1.05E-04	5.3E-06	1E-07	6.8E-08	1.10E-04	1.29E-04	6.48E-06	9.89E-08	3.79E-08	1.35E-04	1.13E-04	5E-06	9.6E-08	3.9E-08	0.0001
2328	495611.06, 3860001.99	0.05558	0.05979	0.05814	0.0504	0.06017	1.04E-04	5.2E-06	1E-07	6.7E-08	1.10E-04	1.28E-04	6.43E-06	9.87E-08	3.76E-08	1.35E-04	1.13E-04	4.9E-06	9.6E-08	3.9E-08	0.0001
2329	495661.06, 3860001.99	0.05532	0.05949	0.05788	0.05027	0.0597	1.04E-04	5.2E-06	1E-07	6.7E-08	1.09E-04	1.27E-04	6.40E-06	9.85E-08	3.73E-08	1.34E-04	1.12E-04	4.9E-06	9.6E-08	3.9E-08	0.0001
2330	494411.06, 3860051.99	0.06054	0.06513	0.06291	0.05355	0.06748	1.14E-04	5.7E-06	1.1E-07	7.5E-08	1.20E-04	1.39E-04	7.00E-06	1.05E-07	4.22E-08	1.47E-04	1.23E-04	5.4E-06	1E-07	4.4E-08	0.0001
2331	494461.06, 3860051.99	0.06029	0.0649	0.06269	0.05336	0.06709	1.13E-04	5.7E-06	1.1E-07	7.5E-08	1.19E-04	1.39E-04	6.98E-06	1.05E-07	4.20E-08	1.46E-04	1.22E-04	5.4E-06	1E-07	4.3E-08	0.0001
2332	494511.06, 3860051.99	0.06004	0.06466	0.06247	0.05316	0.06675	1.13E-04	5.7E-06	1.1E-07	7.5E-08	1.19E-04	1.38E-04	6.95E-06	1.04E-07	4.17E-08	1.45E-04	1.22E-04	5.3E-06	1E-07	4.3E-08	0.0001
2333	494561.06, 3860051.99	0.05985	0.06443	0.0622	0.05294	0.06691	1.12E-04	5.7E-06	1.1E-07	7.5E-08	1.18E-04	1.38E-04	6.93E-06	1.04E-07	4.18E-08	1.45E-04	1.22E-04	5.3E-06	1E-07	4.3E-08	0.0001
2334	494611.06, 3860051.99	0.05961	0.06419	0.06197	0.05273	0.06676	1.12E-04	5.6E-06	1E-07	7.5E-08	1.18E-04	1.37E-04	6.90E-06	1.03E-07	4.18E-08	1.44E-04	1.21E-04	5.3E-06	1E-07	4.3E-08	0.0001
2335	494661.06, 3860051.99	0.05938	0.06395	0.06174	0.05253	0.06652	1.12E-04	5.6E-06	1E-07	7.4E-08	1.17E-04	1.37E-04	6.87E-06	1.03E-07	4.16E-08	1.44E-04	1.21E-04	5.3E-06	1E-07	4.3E-08	0.0001
2336	494711.06, 3860051.99	0.0591	0.06372	0.06155	0.05238	0.06582	1.11E-04	5.6E-06	1E-07	7.4E-08	1.17E-04	1.36E-04	6.85E-06	1.03E-07	4.12E-08	1.43E-04	1.20E-04	5.3E-06	1E-07	4.3E-08	0.0001
2337	494761.06, 3860051.99	0.05887	0.06349	0.06133	0.05218	0.06563	1.11E-04	5.6E-06	1E-07	7.3E-08	1.16E-04	1.36E-04	6.83E-06	1.02E-07	4.10E-08	1.43E-04	1.20E-04	5.3E-06	9.9E-08	4.2E-08	0.0001
2338	494811.06, 3860051.99	0.05866	0.06325	0.06108	0.05197	0.06563	1.10E-04	5.5E-06	1E-07	7.3E-08	1.16E-04	1.35E-04	6.80E-06	1.02E-07	4.10E-08	1.42E-04	1.19E-04	5.2E-06	9.9E-08	4.2E-08	0.0001
2339	494861.06, 3860051.99	0.05843	0.06301	0.06084	0.05177	0.06556	1.10E-04	5.5E-06	1E-07	7.3E-08	1.16E-04	1.35E-04	6.77E-06	1.01E-07	4.10E-08	1.41E-04	1.19E-04	5.2E-06	9.8E-08	4.2E-08	0.0001
2340	494911.06, 3860051.99	0.05817	0.06278	0.06066	0.05161	0.06502	1.09E-04	5.5E-06	1E-07	7.3E-08	1.15E-04	1.34E-04	6.75E-06	1.01E-07	4.07E-08	1.41E-04	1.18E-04	5.2E-06	9.8E-08	4.2E-08	0.0001
2341	494961.06, 3860051.99	0.05791	0.06255	0.06046	0.05146	0.06445	1.09E-04	5.5E-06	1E-07	7.2E-08	1.14E-04	1.33E-04	6.72E-06	1.01E-07	4.03E-08	1.40E-04	1.18E-04	5.2E-06	9.8E-08	4.2E-08	0.0001
2342	495011.06, 3860051.99	0.05765	0.06232	0.06026	0.05131	0.06396	1.08E-04	5.5E-06	1E-07	7.1E-08	1.14E-04	1.33E-04	6.70E-06	1.01E-07	4.00E-08	1.40E-04	1.17E-04	5.2E-06	9.8E-08	4.1E-08	0.0001
2343	495061.06, 3860051.99	0.0574	0.06208	0.06006	0.05114	0.0636	1.08E-04	5.4E-06	1E-07	7.1E-08	1.13E-04	1.32E-04	6.67E-06	1.00E-07	3.98E-08	1.39E-04	1.17E-04	5.1E-06	9.7E-08	4.1E-08	0.0001
2344	495111.06, 3860051.99	0.05714	0.06185	0.05984	0.05102	0.06305	1.07E-04	5.4E-06	1E-07	7E-08	1.13E-04	1.32E-04	6.65E-06	9.99E-08	3.94E-08	1.38E-04	1.16E-04	5.1E-06	9.7E-08	4.1E-08	0.0001
2345	495161.06, 3860051.99	0.0569	0.06161	0.05963	0.05086	0.06271	1.07E-04	5.4E-06	1E-07	7E-08	1.13E-04	1.31E-04	6.62E-06	9.96E-08	3.92E-08	1.38E-04	1.16E-04	5.1E-06	9.7E-08	4.1E-08	0.0001
2346	495211.06, 3860051.99	0.05665	0.06108	0.05942	0.05071	0.06228	1.06E-04	5.4E-06	1E-07	7E-08	1.12E-04	1.30E-04	6.57E-06	9.93E-08	3.90E-08	1.37E-04	1.15E-04	5.1E-06	9.6E-08	4E-08	0.0001
2347	495261.06, 3860051.99	0.05642	0.06085	0.05921	0.05054	0.06205	1.06E-04	5.3E-06	1E-07	6.9E-08	1.12E-04	1.30E-04	6.54E-06	9.90E-08	3.88E-08	1.37E-04	1.15E-04	5E-06	9.6E-08	4E-08	0.0001
2348	495311.06, 3860051.99	0.0562	0.06063	0.059	0.05037	0.06188	1.06E-04	5.3E-06	1E-07	6.9E-08	1.11E-04	1.29E-04	6.52E-06	9.87E-08	3.87E-08	1.36E-04	1.14E-04	5E-06	9.6E-08	4E-08	0.0001
2349	495361.06, 3860051.99	0.05598	0.06039	0.0588	0.05022	0.06162	1.05E-04	5.3E-06	1E-07	6.9E-08	1.11E-04	1.29E-04	6.49E-06	9.84E-08	3.85E-08	1.36E-04	1.14E-04	5E-06	9.6E-08	4E-08	0.0001
2350	495411.06, 3860051.99	0.05575	0.06015	0.05859	0.05007	0.0613	1.05E-04	5.3E-06	9.9E-08	6.8E-08	1.10E-04	1.28E-04	6.47E-06	9.81E-08	3.83E-08	1.35E-04	1.13E-04	5E-06	9.5E-08	4E-08	0.0001
2351	495461.06, 3860051.99	0.0555	0.0599	0.05839	0.04994	0.06093	1.04E-04	5.3E-06	9.9E-08	6.8E-08	1.10E-04	1.28E-04	6.44E-06	9.78E-08	3.81E-08	1.34E-04	1.13E-04	5E-06	9.5E-08	3.9E-08	0.0001
2352	495511.06, 3860051.99	0.05529	0.05968	0.05819	0.04978	0.06071	1.04E-04	5.2E-06	9.9E-08	6.8E-08	1.09E-04	1.27E-04	6.42E-06	9.75E-08	3.80E-08	1.34E-04	1.12E-04	4.9E-06	9.5E-08	3.9E-08	0.0001
2353	495561.06, 3860051.99	0.05506	0.05944	0.05799	0.04964	0.0604	1.03E-04	5.2E-06	9.9E-08	6.7E-08	1.09E-04	1.27E-04	6.39E-06	9.72E-08	3.78E-08	1.33E-04	1.12E-04	4.9E-06	9.4E-08	3.9E-08	0.0001
2354	495611.06, 3860051.99	0.05483	0.05918	0.05779	0.04952	0.06001	1.03E-04	5.2E-06	9.8E-08	6.7E-08	1.08E-04	1.26E-04	6.36E-06	9.70E-08	3.75E-08	1.33E-04	1.11E-04	4.9E-06	9.4E-08	3.9E-08	0.0001
2355	495661.06, 3860051.99	0.05458	0.05891	0.05713	0.04942	0.05948	1.03E-04	5.2E-06	9.8E-08	6.6E-08	1.08E-04	1.26E-04	6.33E-06	9.68E-08	3.72E-08	1.32E-04	1.11E-04	4.9E-06	9.4E-08	3.8E-08	0.0001
2356	494411.06, 3860101.99	0.05949	0.06398	0.06186	0.05274	0.06656	1.12E-04	5.6E-06	1E-07	7.4E-08	1.18E-04	1.37E-04	6.88E-06	1.03E-07	4.16E-08	1.44E-04	1.21E-04	5.3E-06	1E-07	4.3E-08	0.0001
2357	494461.06, 3860101.99	0.05929	0.06374	0.0616	0.05252	0.06663	1.11E-04	5.6E-06	1E-07	7.4E-08	1.17E-04	1.37E-04	6.85E-06	1.03E-07	4.17E-08	1.44E-04	1.20E-04	5.3E-06	1E-07	4.3E-08	0.0001
2358	494511.06, 3860101.99	0.05904	0.06354	0.06142	0.05235	0.06606	1.11E-04	5.6E-06	1E-07	7.4E-08	1.17E-04	1.36E-04	6.83E-06	1.03E-07	4.13E-08	1.43E-04	1.20E-04	5.3E-06	1E-07	4.3E-08	0.0001
2359	494561.06, 3860101.99	0.05882	0.06331	0.06118	0.05214	0.06595	1.11E-04	5.6E-06	1E-07	7.4E-08	1.16E-04	1.35E-04	6.81E-06	1.02E-07	4.12E-08	1.42E-04	1.19E-04	5.2E-06	9.9E-08	4.3E-08	0.0001
2360	494611.06, 3860101.99	0.05862	0.06305	0.06091	0.05192	0.06607	1.10E-04	5.5E-06	1E-07	7.4E-08	1.16E-04	1.35E-04	6.78E-06	1.02E-07	4.13E-08	1.42E-04	1.19E-04	5.2E-06	9.9E-08	4.3E-08	0.0001
2361	494661.06, 3860101.99	0.05839	0.06282	0.06068	0.05171	0.0659	1.10E-04	5.5E-06	1E-07	7.4E-08	1.15E-04	1.34E-04	6.75E-06	1.01E-07	4.12E-08	1.41E-04	1.19E-04	5.2E-06	9.8E-08	4.3E-08	0.0001
2362	494711.06, 3860101.99	0.05815	0.06262	0.0605	0.05156	0.06534	1.09E-04	5.5E-06	1E-07	7.3E-08	1.15E-04	1.34E-04	6.73E-06	1.01E-07	4.09E-08	1.41E-04	1.18E-04	5.2E-06	9.8E-08	4.2E-08	0.0001
2363	494761.06, 3860101.99	0.05792	0.06239	0.06028	0.05136	0.06513	1.09E-04	5.5E-06	1E-07	7.3E-08	1.14E-04	1.33E-04	6.71E-06	1.01E-07	4.07E-08	1.40E-04	1.18E-04	5.2E-06	9.8E-08	4.2E-08	0.0001
2364	494811.06, 3860101.99	0.0577	0.06216	0.06006	0.05117	0.06495	1.08E-04	5.5E-06	1E-07	7.3E-08	1.14E-04	1.33E-04	6.68E-06	1.00E-07	4.06E-08	1.40E-04	1.17E-04	5.1E-06	9.7E-08	4.2E-08	0.0001

2365	494861.06, 3860101.99	0.05746	0.06186	0.05974	0.05091	0.0653	1.08E-04	5.4E-06	1E-07	7.3E-08	1.14E-04	1.32E-04	6.65E-06	9.97E-08	4.08E-08	1.39E-04	1.17E-04	5.1E-06	9.7E-08	4.2E-08	0.0001
2366	494911.06, 3860101.99	0.05723	0.06173	0.05966	0.05083	0.06418	1.08E-04	5.4E-06	1E-07	7.2E-08	1.13E-04	1.32E-04	6.64E-06	9.96E-08	4.01E-08	1.39E-04	1.16E-04	5.1E-06	9.7E-08	4.1E-08	0.0001
2367	494961.06, 3860101.99	0.057	0.06151	0.05946	0.05065	0.06392	1.07E-04	5.4E-06	1E-07	7.1E-08	1.13E-04	1.31E-04	6.61E-06	9.92E-08	4.00E-08	1.38E-04	1.16E-04	5.1E-06	9.6E-08	4.1E-08	0.0001
2368	495011.06, 3860101.99	0.05676	0.06129	0.05927	0.0505	0.06348	1.07E-04	5.4E-06	1E-07	7.1E-08	1.12E-04	1.31E-04	6.59E-06	9.89E-08	3.97E-08	1.37E-04	1.15E-04	5.1E-06	9.6E-08	4.1E-08	0.0001
2369	495061.06, 3860101.99	0.05652	0.06106	0.05907	0.05034	0.06306	1.06E-04	5.4E-06	1E-07	7E-08	1.12E-04	1.30E-04	6.56E-06	9.86E-08	3.94E-08	1.37E-04	1.15E-04	5E-06	9.6E-08	4.1E-08	0.0001
2370	495111.06, 3860101.99	0.05627	0.06084	0.05889	0.0502	0.06252	1.06E-04	5.3E-06	1E-07	7E-08	1.11E-04	1.30E-04	6.54E-06	9.83E-08	3.91E-08	1.36E-04	1.14E-04	5E-06	9.5E-08	4E-08	0.0001
2371	495161.06, 3860101.99	0.05605	0.06062	0.05868	0.05002	0.06232	1.05E-04	5.3E-06	9.9E-08	7E-08	1.11E-04	1.29E-04	6.52E-06	9.80E-08	3.90E-08	1.36E-04	1.14E-04	5E-06	9.5E-08	4E-08	0.0001
2372	495211.06, 3860101.99	0.05582	0.06039	0.05848	0.04986	0.06199	1.05E-04	5.3E-06	9.9E-08	6.9E-08	1.10E-04	1.29E-04	6.49E-06	9.77E-08	3.88E-08	1.35E-04	1.13E-04	5E-06	9.5E-08	4E-08	0.0001
2373	495261.06, 3860101.99	0.05559	0.06017	0.05828	0.04971	0.06166	1.04E-04	5.3E-06	9.9E-08	6.9E-08	1.10E-04	1.28E-04	6.47E-06	9.74E-08	3.86E-08	1.35E-04	1.13E-04	5E-06	9.5E-08	4E-08	0.0001
2374	495311.06, 3860101.99	0.05537	0.05995	0.05808	0.04955	0.0614	1.04E-04	5.3E-06	9.8E-08	6.9E-08	1.09E-04	1.28E-04	6.44E-06	9.71E-08	3.84E-08	1.34E-04	1.12E-04	5E-06	9.4E-08	4E-08	0.0001
2375	495361.06, 3860101.99	0.05516	0.05973	0.05788	0.04937	0.06125	1.04E-04	5.2E-06	9.8E-08	6.8E-08	1.09E-04	1.27E-04	6.42E-06	9.67E-08	3.83E-08	1.34E-04	1.12E-04	4.9E-06	9.4E-08	4E-08	0.0001
2376	495411.06, 3860101.99	0.05493	0.05951	0.05769	0.04923	0.06092	1.03E-04	5.2E-06	9.8E-08	6.8E-08	1.09E-04	1.26E-04	6.40E-06	9.64E-08	3.81E-08	1.33E-04	1.12E-04	4.9E-06	9.4E-08	3.9E-08	0.0001
2377	495461.06, 3860101.99	0.05469	0.05903	0.05748	0.04912	0.0604	1.03E-04	5.2E-06	9.7E-08	6.7E-08	1.08E-04	1.26E-04	6.35E-06	9.62E-08	3.78E-08	1.32E-04	1.11E-04	4.9E-06	9.3E-08	3.9E-08	0.0001
2378	495511.06, 3860101.99	0.05448	0.05882	0.05729	0.04895	0.06026	1.02E-04	5.2E-06	9.7E-08	6.7E-08	1.08E-04	1.25E-04	6.32E-06	9.59E-08	3.77E-08	1.32E-04	1.11E-04	4.9E-06	9.3E-08	3.9E-08	0.0001
2379	495561.06, 3860101.99	0.05427	0.05887	0.0571	0.04878	0.06011	1.02E-04	5.2E-06	9.7E-08	6.7E-08	1.07E-04	1.25E-04	6.33E-06	9.56E-08	3.76E-08	1.31E-04	1.10E-04	4.9E-06	9.3E-08	3.9E-08	0.0001
2380	495611.06, 3860101.99	0.05404	0.05835	0.0569	0.04868	0.0596	1.02E-04	5.1E-06	9.7E-08	6.7E-08	1.07E-04	1.24E-04	6.27E-06	9.54E-08	3.73E-08	1.31E-04	1.10E-04	4.8E-06	9.3E-08	3.8E-08	0.0001
2381	495661.06, 3860101.99	0.05382	0.05812	0.05671	0.04854	0.05931	1.01E-04	5.1E-06	9.6E-08	6.6E-08	1.06E-04	1.24E-04	6.25E-06	9.51E-08	3.71E-08	1.30E-04	1.09E-04	4.8E-06	9.2E-08	3.8E-08	0.0001
2382	494861.06, 3860151.99	0.05648	0.06068	0.05861	0.05006	0.06487	1.06E-04	5.3E-06	9.9E-08	7.2E-08	1.12E-04	1.30E-04	6.52E-06	9.81E-08	4.06E-08	1.37E-04	1.15E-04	5E-06	9.5E-08	4.2E-08	0.0001
2383	494911.06, 3860151.99	0.05629	0.06064	0.05863	0.05003	0.06378	1.06E-04	5.3E-06	9.9E-08	7.1E-08	1.11E-04	1.30E-04	6.52E-06	9.80E-08	3.99E-08	1.36E-04	1.14E-04	5E-06	9.5E-08	4.1E-08	0.0001
2384	494961.06, 3860151.99	0.05608	0.06045	0.05845	0.04987	0.0634	1.05E-04	5.3E-06	9.9E-08	7.1E-08	1.11E-04	1.29E-04	6.50E-06	9.77E-08	3.97E-08	1.36E-04	1.14E-04	5E-06	9.5E-08	4.1E-08	0.0001
2385	495011.06, 3860151.99	0.05586	0.06025	0.05827	0.04971	0.06298	1.05E-04	5.3E-06	9.9E-08	7E-08	1.10E-04	1.29E-04	6.48E-06	9.74E-08	3.94E-08	1.35E-04	1.13E-04	5E-06	9.5E-08	4.1E-08	0.0001
2386	495061.06, 3860151.99	0.05564	0.06005	0.05809	0.04955	0.06256	1.05E-04	5.3E-06	9.8E-08	7E-08	1.10E-04	1.28E-04	6.46E-06	9.71E-08	3.91E-08	1.35E-04	1.13E-04	5E-06	9.4E-08	4E-08	0.0001
2387	495111.06, 3860151.99	0.05542	0.05984	0.0579	0.04939	0.06223	1.04E-04	5.2E-06	9.8E-08	7E-08	1.10E-04	1.28E-04	6.43E-06	9.68E-08	3.89E-08	1.34E-04	1.13E-04	4.9E-06	9.4E-08	4E-08	0.0001
2388	495161.06, 3860151.99	0.0552	0.05963	0.05771	0.04923	0.06195	1.04E-04	5.2E-06	9.8E-08	6.9E-08	1.09E-04	1.27E-04	6.41E-06	9.64E-08	3.87E-08	1.34E-04	1.12E-04	4.9E-06	9.4E-08	4E-08	0.0001
2389	495211.06, 3860151.99	0.05498	0.05942	0.05752	0.04907	0.0616	1.03E-04	5.2E-06	9.7E-08	6.9E-08	1.09E-04	1.27E-04	6.39E-06	9.61E-08	3.85E-08	1.33E-04	1.12E-04	4.9E-06	9.3E-08	4E-08	0.0001
2390	495261.06, 3860151.99	0.05477	0.05921	0.05733	0.04891	0.06134	1.03E-04	5.2E-06	9.7E-08	6.9E-08	1.08E-04	1.26E-04	6.37E-06	9.58E-08	3.84E-08	1.33E-04	1.11E-04	4.9E-06	9.3E-08	4E-08	0.0001
2391	495311.06, 3860151.99	0.05455	0.05899	0.05714	0.04875	0.06108	1.03E-04	5.2E-06	9.7E-08	6.8E-08	1.08E-04	1.26E-04	6.34E-06	9.55E-08	3.82E-08	1.32E-04	1.11E-04	4.9E-06	9.3E-08	3.9E-08	0.0001
2392	495361.06, 3860151.99	0.05434	0.05878	0.05695	0.04859	0.06084	1.02E-04	5.2E-06	9.6E-08	6.8E-08	1.07E-04	1.25E-04	6.32E-06	9.52E-08	3.81E-08	1.32E-04	1.10E-04	4.9E-06	9.2E-08	3.9E-08	0.0001
2393	495411.06, 3860151.99	0.05412	0.05857	0.05676	0.04844	0.06054	1.02E-04	5.1E-06	9.6E-08	6.8E-08	1.07E-04	1.25E-04	6.30E-06	9.49E-08	3.79E-08	1.31E-04	1.10E-04	4.8E-06	9.2E-08	3.9E-08	0.0001
2394	495461.06, 3860151.99	0.05391	0.05836	0.05658	0.04829	0.06025	1.01E-04	5.1E-06	9.6E-08	6.7E-08	1.07E-04	1.24E-04	6.27E-06	9.46E-08	3.77E-08	1.31E-04	1.09E-04	4.8E-06	9.2E-08	3.9E-08	0.0001
2395	495511.06, 3860151.99	0.05369	0.05815	0.0564	0.04815	0.05989	1.01E-04	5.1E-06	9.6E-08	6.7E-08	1.06E-04	1.24E-04	6.25E-06	9.43E-08	3.75E-08	1.30E-04	1.09E-04	4.8E-06	9.2E-08	3.9E-08	0.0001
2396	495561.06, 3860151.99	0.05348	0.05794	0.05621	0.04799	0.05966	1.00E-04	5.1E-06	9.5E-08	6.7E-08	1.06E-04	1.23E-04	6.23E-06	9.40E-08	3.73E-08	1.30E-04	1.09E-04	4.8E-06	9.1E-08	3.9E-08	0.0001
2397	495611.06, 3860151.99	0.05326	0.05774	0.05603	0.04786	0.05931	1.00E-04	5.1E-06	9.5E-08	6.6E-08	1.05E-04	1.23E-04	6.21E-06	9.38E-08	3.71E-08	1.29E-04	1.08E-04	4.8E-06	9.1E-08	3.8E-08	0.0001
2398	495661.06, 3860151.99	0.05304	0.05753	0.05584	0.04774	0.05892	9.97E-05	5E-06	9.5E-08	6.6E-08	1.05E-04	1.22E-04	6.18E-06	9.35E-08	3.69E-08	1.28E-04	1.08E-04	4.8E-06	9.1E-08	3.8E-08	0.0001
2399	495718.25, 3859442.96	0.05864	0.06524	0.06375	0.05557	0.05651	1.10E-04	5.7E-06	1.1E-07	6.3E-08	1.16E-04	1.35E-04	7.01E-06	1.09E-07	3.53E-08	1.42E-04	1.19E-04	5.4E-06	1.1E-07	3.7E-08	0.0001
2400	495818.25, 3859442.96	0.05767	0.06428	0.06281	0.05481	0.05543	1.08E-04	5.6E-06	1.1E-07	6.2E-08	1.14E-04	1.33E-04	6.91E-06	1.07E-07	3.47E-08	1.40E-04	1.17E-04	5.3E-06	1E-07	3.6E-08	0.0001
2401	495918.25, 3859442.96	0.05696	0.06359	0.06211	0.05426	0.05474	1.07E-04	5.6E-06	1.1E-07	6.1E-08	1.13E-04	1.31E-04	6.84E-06	1.06E-07	3.42E-08	1.38E-04	1.16E-04	5.3E-06	1E-07	3.5E-08	0.0001
2402	496018.25, 3859442.96	0.05635	0.06302	0.06151	0.0538	0.05419	1.06E-04	5.5E-06	1.1E-07	6.1E-08	1.12E-04	1.30E-04	6.77E-06	1.05E-07	3.39E-08	1.37E-04	1.14E-04	5.2E-06	1E-07	3.5E-08	0.0001
2403	496118.25, 3859442.96	0.05655	0.06335	0.06171	0.054	0.05485	1.06E-04	5.6E-06	1.1E-07	6.1E-08	1.12E-04	1.30E-04	6.81E-06	1.06E-07	3.43E-08	1.37E-04	1.15E-04	5.2E-06	1E-07	3.5E-08	0.0001
2404	496218.25, 3859442.96	0.05661	0.0635	0.06177	0.05409	0.05533	1.06E-04	5.6E-06	1.1E-07	6.2E-08	1.12E-04	1.30E-04	6.83E-06	1.06E-07	3.46E-08	1.37E-04	1.15E-04	5.3E-06	1E-07	3.6E-08	0.0001
2405	496318.25, 3859442.96	0.05608	0.06299	0.06125	0.0537	0.05486	1.05E-04	5.5E-06	1.1E-07	6.1E-08	1.11E-04	1.29E-04	6.77E-06	1.05E-07	3.43E-08	1.36E-04	1.14E-04	5.2E-06	1E-07	3.5E-08	0.0001
2406	496418.25, 3859442.96	0.05551	0.06241	0.06068	0.05328	0.05432	1.04E-04	5.5E-06	1.1E-07	6.1E-08	1.10E-04	1.28E-04	6.71E-06	1.04E-07	3.40E-08	1.35E-04	1.13E-04	5.2E-06	1E-07	3.5E-08	0.0001
2407	495718.25, 3859542.96	0.05875	0.06462	0.06336	0.05523	0.05758	1.10E-04	5.7E-06	1.1E-07	6.4E-08	1.16E-04	1.35E-04	6.95E-06	1.08E-07	3.60E-08	1.42E-04	1.19E-04	5.3E-06	1.1E-07	3.7E-08	0.0001
2408	495818.25, 3859542.96	0.05806	0.06399	0.06271	0.0547	0.05685	1.09E-04	5.6E-06	1.1E-07	6.4E-08	1.15E-04	1.34E-04	6.88E-06	1.07E-07	3.56E-08	1.41E-04	1.18E-04	5.3E-06	1E-07	3.7E-08	0.0001
2409	495918.25, 3859542.96	0.05723	0.06321	0.06193	0.05406	0.05589	1.08E-04	5.5E-06	1.1E-07	6.2E-08	1.13E-04	1.32E-04	6.80E-06	1.06E-07	3.50E-08	1.39E-04	1.16E-04	5.2E-06	1E-07	3.6E-08	0.0001
2410	496018.25, 3859542.96	0.05652	0.06256	0.06125	0.05351	0.05513	1.06E-04	5.5E-06	1.1E-07	6.2E-08	1.12E-04	1.30E-04	6.73E-06	1.05E-07	3.45E-08	1.37E-04	1.15E-04	5.2E-06	1E-07	3.6E-08	0.0001
2411	496118.25, 3859542.96	0.05661	0.06277	0.06132	0.05357	0.05574	1.06E-04	5.5E-06	1.1E-07	6.2E-08	1.12E-04	1.30E-04	6.75E-06	1.05E-07	3.49E-08	1.37E-04	1.15E-04	5.2E-06	1E-07	3.6E-08	0.0001
2412	496218.25, 3859542.96	0.05647	0.06273	0.06117	0.05346	0.05598	1.06E-04	5.5E-06	1.1E-07	6.3E-08	1.12E-04	1.30E-04	6.74E-06	1.05E-07	3.50E-08	1.37E-04	1.15E-04	5.2E-06	1E-07	3.6E-08	0.0001
2413	496318.25, 3859542.96	0.05619	0.06253	0.0609	0.05325	0.05596	1.06E-04	5.5E-06	1.1E-07	6.3E-08	1.11E-04	1.29E-04	6.72E-06	1.04E-07	3.50E-08	1.36E-04	1.14E-04	5.2E-06	1E-07	3.6E-08	0.0001
2414	496418.25, 3859542.96	0.05548	0.06185	0.06022	0.05272	0.05513	1.04E-04	5.4E-06	1E-07	6.2E-08	1.10E-04	1.28E-04	6.65E-06	1.03E-07	3.45E-08	1.35E-04	1.13E-04	5.1E-06	1E-07	3.6E-08	0.0001
2415	495718.25, 3859642.96	0.05834	0.06352	0.06241	0.05451	0.05818	1.10E-04	5.6E-06	1.1E-07	6.5E-08	1.15E-04	1.34E-04	6.83E-06	1.07E-07	3.64E-08	1.41E-04	1.18E-04	5.3E-06	1E-07	3.8E-08	0.0001
2416	495818.25, 3859642.96	0.05761	0.06283	0.06174	0.05394	0.05727	1.08E-04	5.5E-06	1.1E-07	6.4E-08	1.14E-04	1.33E-04	6.75E-06	1.06E-07	3.58E-08	1.40E-04	1.17E-04	5.2E-06	1E-07	3.7E-08	0.0001
2417	495918.25, 3859642.96	0.05709	0.06236	0.06125	0.05352	0.05678	1.07E-04	5.5E-06	1.1E-07	6.3E-08	1.13E-04	1.31E-04	6.70E-06	1.05E-07	3.55E-08	1.38E-04	1.16E-04	5.2E-06	1E-07	3.7E-08	0.0001
2418	496018.25, 3859642.96	0.05642	0.06175	0.06063	0.053	0.05601	1.06E-04	5.4E-06	1.1E-07	6.3E-08	1.12E-04	1.30E-04	6.64E-06	1.04E-07	3.50E-08	1.37E-04	1.15E-04	5.1E-06	1E-07	3.6E-08	0.0001
2419	496118.25, 3859642.96	0.05652	0.06196	0.06069	0.05301	0.05679	1.06E-04	5.4E-06	1.1E-07	6.3E-08	1.12E-04	1.30E-04	6.66E-06	1.04E-07	3.55E-08	1.37E-04	1.15E-04	5.1E-06	1E-07	3.7E-08	0.0001
2420	496218.25, 3859642.96	0.0564	0.06192	0.06054	0.05287	0.05715	1.06E-04	5.4E-06	1E-07	6.4E-08	1.12E-04	1.30E-04	6.66E-06	1.04E-07	3.57E-08	1.37E-04	1.15E-04	5.1E-06	1E-07	3.7E-08	0.0001
2421	496318.25, 3859642.96	0.05584	0.06143	0.06003	0.05244	0.05655	1.05E-04	5.4E-06	1E-07	6.3E-08	1.10E-04	1.29E-04	6.60E-06	1.03E-07	3.54E-08	1.35E-04	1.13E-04	5.1E-06	1E-07	3.7E-08	0.0001
2422	496418.25, 3859642.96	0.05419	0.05979	0.05855	0.05127	0.05379	1.02E-04	5.2E-06	1E-07	6E-08	1.07E-04	1.25E-04	6.43E-06	1.00E-07	3.36E-08	1.31E-04	1.10E-04	4.9E-06	9.8E-08	3.5E-08	0.0001
2423	495718.25, 3859742.96	0.05792	0.06257	0.06139	0.05369	0.05923	1.09E-04	5.5E-06	1.1E-07	6.6E-08	1.15E-04	1.33E-04	6.73E-06	1.05E-07	3.70E-08	1.40E-04	1.18E-04	5.2E-06	1E-07	3.8E-08	0.0001
2424	495818.25, 3859742.96	0.05717	0.06184	0.06074	0.05316	0.05812	1.07E-04	5.4E-06	1.1E-07	6.5E-08	1.13E-04	1.32E-04	6.65E-06	1.04E-07	3.64E-08	1.38E-04	1.16E-04	5.1E-06	1E-07	3.8E-08	0.0001
2425	495918.25, 3859742.96	0.05657	0.06126	0.0602	0.0527	0.05739	1.06E-04	5.4E-06	1E-07	6.4E-08	1.12E-04	1.30E-04	6.59E-06	1.03E-07	3.59E-08	1.37E-04	1.15E-04	5.1E-06	1E-07	3.7E-08	0.0001
2426	496018.25, 3859742.96	0.05593	0.06066	0.05963	0.05221	0.05657	1.05E-04	5.3E-06	1E-07	6.3E-08	1.11E-04	1.29E-04	6.52E-06	1.02E-07	3.54E-08	1.35E-04	1.14E-04	5E-06	9.9E-08	3.7E-08	0.0001
2427	496118.25, 3859742.96	0.05587	0.06064	0.05953	0.05206	0.0571	1.05E-04	5.3E-06	1E-07	6.4E-08	1.10E-04	1.29E-04	6.52E-06	1.02E-07	3.57E-08	1.35E-04	1.13E-04	5E-06	9.9E-08	3.7E-08	0.0001
2428	496218.25, 3859742.96	0.05588	0.06071	0.05948	0.05195	0.05788	1.05E-04	5.3E-06	1E-07	6.5E-08	1.11E-04	1.29E-04	6.53E-06	1.02E-07	3.62E-08	1.35E-04	1.13E-04	5E-06	9.9E-08	3.7E-08	0.0001

2429	496318.25, 3859742.96	0.05467	0.05954	0.05845	0.05116	0.0556	1.03E-04	5.2E-06	1E-07	6.2E-08	1.08E-04	1.26E-04	6.40E-06	1.00E-07	3.48E-08	1.32E-04	1.11E-04	4.9E-06	9.7E-08	3.6E-08	0.0001
2430	496418.25, 3859742.96	0.0535	0.05843	0.05745	0.05036	0.05361	1.01E-04	5.1E-06	1E-07	6E-08	1.06E-04	1.23E-04	6.28E-06	9.87E-08	3.35E-08	1.30E-04	1.09E-04	4.8E-06	9.6E-08	3.5E-08	0.0001
2431	495718.25, 3859842.96	0.05702	0.06134	0.06002	0.05249	0.05958	1.07E-04	5.4E-06	1E-07	6.7E-08	1.13E-04	1.31E-04	6.59E-06	1.03E-07	3.73E-08	1.38E-04	1.16E-04	5.1E-06	1E-07	3.8E-08	0.0001
2432	495818.25, 3859842.96	0.05646	0.06076	0.05953	0.05209	0.05884	1.06E-04	5.3E-06	1E-07	6.6E-08	1.12E-04	1.30E-04	6.53E-06	1.02E-07	3.68E-08	1.37E-04	1.15E-04	5E-06	9.9E-08	3.8E-08	0.0001
2433	495918.25, 3859842.96	0.05589	0.06018	0.05902	0.05169	0.05805	1.05E-04	5.3E-06	1E-07	6.5E-08	1.10E-04	1.29E-04	6.47E-06	1.01E-07	3.63E-08	1.35E-04	1.13E-04	5E-06	9.8E-08	3.7E-08	0.0001
2434	496018.25, 3859842.96	0.05547	0.05976	0.05863	0.05133	0.05771	1.04E-04	5.2E-06	1E-07	6.4E-08	1.10E-04	1.28E-04	6.42E-06	1.01E-07	3.61E-08	1.34E-04	1.13E-04	4.9E-06	9.8E-08	3.7E-08	0.0001
2435	496118.25, 3859842.96	0.05543	0.05979	0.05857	0.05113	0.0586	1.04E-04	5.2E-06	1E-07	6.5E-08	1.10E-04	1.28E-04	6.43E-06	1.00E-07	3.67E-08	1.34E-04	1.13E-04	4.9E-06	9.7E-08	3.8E-08	0.0001
2436	496218.25, 3859842.96	0.05448	0.0588	0.05774	0.05057	0.05658	1.02E-04	5.2E-06	1E-07	6.3E-08	1.08E-04	1.25E-04	6.32E-06	9.91E-08	3.54E-08	1.32E-04	1.11E-04	4.9E-06	9.6E-08	3.7E-08	0.0001
2437	496318.25, 3859842.96	0.05253	0.05683	0.05609	0.04936	0.05246	9.87E-05	5E-06	9.8E-08	5.9E-08	1.04E-04	1.21E-04	6.11E-06	9.67E-08	3.28E-08	1.27E-04	1.07E-04	4.7E-06	9.4E-08	3.4E-08	0.0001
2438	496418.25, 3859842.96	0.05101	0.05526	0.05472	0.04825	0.0499	9.59E-05	4.8E-06	9.6E-08	5.6E-08	1.01E-04	1.17E-04	5.94E-06	9.45E-08	3.12E-08	1.24E-04	1.04E-04	4.6E-06	9.2E-08	3.2E-08	0.0001
2439	495718.25, 3859942.96	0.05585	0.06001	0.05852	0.05106	0.05949	1.05E-04	5.3E-06	1E-07	6.6E-08	1.10E-04	1.29E-04	6.45E-06	1.00E-07	3.72E-08	1.35E-04	1.13E-04	5E-06	9.7E-08	3.8E-08	0.0001
2440	495818.25, 3859942.96	0.05531	0.05943	0.05804	0.05072	0.0587	1.04E-04	5.2E-06	1E-07	6.6E-08	1.09E-04	1.27E-04	6.39E-06	9.94E-08	3.67E-08	1.34E-04	1.12E-04	4.9E-06	9.6E-08	3.8E-08	0.0001
2441	495918.25, 3859942.96	0.05487	0.05895	0.05763	0.05038	0.05823	1.03E-04	5.2E-06	1E-07	6.5E-08	1.08E-04	1.26E-04	6.34E-06	9.87E-08	3.64E-08	1.33E-04	1.11E-04	4.9E-06	9.6E-08	3.8E-08	0.0001
2442	496018.25, 3859942.96	0.05462	0.05871	0.05739	0.05006	0.05856	1.03E-04	5.2E-06	9.9E-08	6.5E-08	1.08E-04	1.26E-04	6.31E-06	9.81E-08	3.66E-08	1.32E-04	1.11E-04	4.9E-06	9.5E-08	3.8E-08	0.0001
2443	496118.25, 3859942.96	0.05394	0.05798	0.05679	0.04971	0.05711	1.01E-04	5.1E-06	9.9E-08	6.4E-08	1.07E-04	1.24E-04	6.23E-06	9.74E-08	3.57E-08	1.31E-04	1.10E-04	4.8E-06	9.5E-08	3.7E-08	0.0001
2444	496218.25, 3859942.96	0.05286	0.05686	0.05589	0.04916	0.0546	9.93E-05	5E-06	9.8E-08	6.1E-08	1.04E-04	1.22E-04	6.11E-06	9.63E-08	3.41E-08	1.28E-04	1.07E-04	4.7E-06	9.4E-08	3.5E-08	0.0001
2445	496318.25, 3859942.96	0.05159	0.05557	0.05481	0.04837	0.05198	9.69E-05	4.9E-06	9.6E-08	5.8E-08	1.02E-04	1.19E-04	5.97E-06	9.48E-08	3.25E-08	1.25E-04	1.05E-04	4.6E-06	9.2E-08	3.4E-08	0.0001
2446	496418.25, 3859942.96	0.04967	0.05359	0.05312	0.04705	0.04844	9.33E-05	4.7E-06	9.3E-08	5.4E-08	9.82E-05	1.14E-04	5.76E-06	9.22E-08	3.03E-08	1.20E-04	1.01E-04	4.4E-06	9E-08	3.1E-08	0.0001
2447	496856.82, 3858864.83	0.04942	0.05431	0.05443	0.04939	0.04625	9.29E-05	4.8E-06	9.8E-08	5.2E-08	9.78E-05	1.14E-04	5.84E-06	9.68E-08	2.89E-08	1.20E-04	1.00E-04	4.5E-06	9.4E-08	3E-08	0.0001
2448	496956.82, 3858864.83	0.0487	0.0534	0.05363	0.04873	0.0456	9.15E-05	4.7E-06	9.7E-08	5.1E-08	9.63E-05	1.12E-04	5.74E-06	9.55E-08	2.85E-08	1.18E-04	9.89E-05	4.4E-06	9.3E-08	2.9E-08	0.0001
2449	497056.82, 3858864.83	0.04802	0.05253	0.05286	0.04811	0.04498	9.02E-05	4.6E-06	9.5E-08	5E-08	9.50E-05	1.11E-04	5.65E-06	9.42E-08	2.81E-08	1.16E-04	9.75E-05	4.3E-06	9.2E-08	2.9E-08	0.0001
2450	497156.82, 3858864.83	0.04715	0.05144	0.05188	0.04729	0.04419	8.86E-05	4.5E-06	9.4E-08	4.9E-08	9.33E-05	1.09E-04	5.53E-06	9.26E-08	2.76E-08	1.14E-04	9.57E-05	4.3E-06	9E-08	2.9E-08	0.0001
2451	497256.82, 3858864.83	0.0469	0.05107	0.05162	0.0471	0.04397	8.81E-05	4.5E-06	9.3E-08	4.9E-08	9.28E-05	1.08E-04	5.49E-06	9.23E-08	2.75E-08	1.14E-04	9.52E-05	4.2E-06	9E-08	2.8E-08	1E-04
2452	496856.82, 3858964.83	0.0504	0.05582	0.05561	0.05018	0.04717	9.47E-05	4.9E-06	1E-07	5.3E-08	9.98E-05	1.16E-04	6.00E-06	9.83E-08	2.95E-08	1.22E-04	1.02E-04	4.6E-06	9.5E-08	3E-08	0.0001
2453	496956.82, 3858964.83	0.04937	0.05456	0.05444	0.04922	0.0462	9.28E-05	4.8E-06	9.8E-08	5.2E-08	9.77E-05	1.14E-04	5.87E-06	9.64E-08	2.89E-08	1.20E-04	1.00E-04	4.5E-06	9.4E-08	3E-08	0.0001
2454	497056.82, 3858964.83	0.0486	0.05361	0.05358	0.04851	0.04549	9.13E-05	4.7E-06	9.6E-08	5.1E-08	9.62E-05	1.12E-04	5.76E-06	9.50E-08	2.85E-08	1.18E-04	9.87E-05	4.4E-06	9.2E-08	2.9E-08	0.0001
2455	497156.82, 3858964.83	0.04782	0.05264	0.0527	0.04779	0.04473	8.99E-05	4.6E-06	9.5E-08	5E-08	9.46E-05	1.10E-04	5.66E-06	9.36E-08	2.80E-08	1.16E-04	9.71E-05	4.4E-06	9.1E-08	2.9E-08	0.0001
2456	497256.82, 3858964.83	0.04821	0.05302	0.05316	0.04823	0.04518	9.06E-05	4.7E-06	9.6E-08	5E-08	9.54E-05	1.11E-04	5.70E-06	9.45E-08	2.83E-08	1.17E-04	9.79E-05	4.4E-06	9.2E-08	2.9E-08	0.0001
2457	496856.82, 3859064.83	0.05061	0.0563	0.05588	0.05021	0.04743	9.51E-05	4.9E-06	1E-07	5.3E-08	1.00E-04	1.17E-04	6.05E-06	9.84E-08	2.97E-08	1.23E-04	1.03E-04	4.7E-06	9.6E-08	3.1E-08	0.0001
2458	496956.82, 3859064.83	0.0498	0.0553	0.05497	0.04946	0.04665	9.36E-05	4.9E-06	9.8E-08	5.2E-08	9.86E-05	1.15E-04	5.94E-06	9.69E-08	2.92E-08	1.21E-04	1.01E-04	4.6E-06	9.4E-08	3E-08	0.0001
2459	497056.82, 3859064.83	0.04914	0.05449	0.05423	0.04887	0.04603	9.23E-05	4.8E-06	9.7E-08	5.1E-08	9.73E-05	1.13E-04	5.86E-06	9.57E-08	2.88E-08	1.19E-04	9.98E-05	4.5E-06	9.3E-08	3E-08	0.0001
2460	497156.82, 3859064.83	0.04857	0.05379	0.0536	0.04836	0.0455	9.13E-05	4.7E-06	9.6E-08	5.1E-08	9.61E-05	1.12E-04	5.78E-06	9.47E-08	2.85E-08	1.18E-04	9.86E-05	4.4E-06	9.2E-08	2.9E-08	0.0001
2461	497256.82, 3859064.83	0.04934	0.05463	0.05447	0.04915	0.04635	9.27E-05	4.8E-06	9.8E-08	5.2E-08	9.77E-05	1.14E-04	5.87E-06	9.63E-08	2.90E-08	1.20E-04	1.00E-04	4.5E-06	9.3E-08	3E-08	0.0001
2462	496856.82, 3859164.83	0.05027	0.0561	0.0555	0.04969	0.04719	9.45E-05	4.9E-06	9.9E-08	5.3E-08	9.95E-05	1.16E-04	6.03E-06	9.73E-08	2.95E-08	1.22E-04	1.02E-04	4.6E-06	9.5E-08	3E-08	0.0001
2463	496956.82, 3859164.83	0.04941	0.05505	0.05453	0.04891	0.04634	9.29E-05	4.8E-06	9.7E-08	5.2E-08	9.78E-05	1.14E-04	5.92E-06	9.58E-08	2.90E-08	1.20E-04	1.00E-04	4.6E-06	9.3E-08	3E-08	0.0001
2464	497056.82, 3859164.83	0.04908	0.05462	0.05417	0.04863	0.04605	9.22E-05	4.8E-06	9.7E-08	5.1E-08	9.72E-05	1.13E-04	5.87E-06	9.53E-08	2.88E-08	1.19E-04	9.97E-05	4.5E-06	9.3E-08	3E-08	0.0001
2465	497156.82, 3859164.83	0.04933	0.05487	0.05446	0.04892	0.04639	9.27E-05	4.8E-06	9.7E-08	5.2E-08	9.77E-05	1.14E-04	5.90E-06	9.58E-08	2.90E-08	1.20E-04	1.00E-04	4.5E-06	9.3E-08	3E-08	0.0001
2466	497256.82, 3859164.83	0.05028	0.05591	0.05552	0.04985	0.04754	9.45E-05	4.9E-06	9.9E-08	5.3E-08	9.95E-05	1.16E-04	6.01E-06	9.77E-08	2.97E-08	1.22E-04	1.02E-04	4.6E-06	9.5E-08	3.1E-08	0.0001
2467	496856.82, 3859264.83	0.04956	0.05552	0.05468	0.04882	0.04659	9.31E-05	4.9E-06	9.7E-08	5.2E-08	9.82E-05	1.14E-04	5.97E-06	9.56E-08	2.91E-08	1.20E-04	1.01E-04	4.6E-06	9.3E-08	3E-08	0.0001
2468	496956.82, 3859264.83	0.04944	0.05532	0.05455	0.04875	0.04654	9.29E-05	4.9E-06	9.7E-08	5.2E-08	9.79E-05	1.14E-04	5.95E-06	9.55E-08	2.91E-08	1.20E-04	1.00E-04	4.6E-06	9.3E-08	3E-08	0.0001
2469	497056.82, 3859264.83	0.04975	0.05562	0.0549	0.04908	0.04698	9.35E-05	4.9E-06	9.7E-08	5.2E-08	9.85E-05	1.15E-04	5.98E-06	9.61E-08	2.94E-08	1.21E-04	1.01E-04	4.6E-06	9.3E-08	3E-08	0.0001
2470	497156.82, 3859264.83	0.04995	0.05579	0.05512	0.0493	0.04738	9.39E-05	4.9E-06	9.8E-08	5.3E-08	9.89E-05	1.15E-04	6.00E-06	9.66E-08	2.96E-08	1.21E-04	1.01E-04	4.6E-06	9.4E-08	3.1E-08	0.0001
2471	497256.82, 3859264.83	0.05065	0.05654	0.05588	0.04997	0.04836	9.52E-05	5E-06	9.9E-08	5.4E-08	1.00E-04	1.17E-04	6.08E-06	9.79E-08	3.02E-08	1.23E-04	1.03E-04	4.7E-06	9.5E-08	3.1E-08	0.0001
2472	497088.92, 3858620.93	0.04524	0.04813	0.04964	0.0458	0.04292	8.50E-05	4.2E-06	9.1E-08	4.8E-08	8.94E-05	1.04E-04	5.17E-06	8.97E-08	2.68E-08	1.09E-04	9.19E-05	4E-06	8.7E-08	2.8E-08	1E-04
2473	497138.92, 3858620.93	0.04518	0.04803	0.04958	0.04576	0.04285	8.49E-05	4.2E-06	9.1E-08	4.8E-08	8.93E-05	1.04E-04	5.16E-06	8.96E-08	2.68E-08	1.09E-04	9.17E-05	4E-06	8.7E-08	2.8E-08	1E-04
2474	497188.92, 3858620.93	0.04481	0.04758	0.04914	0.04523	0.04248	8.42E-05	4.2E-06	9E-08	4.7E-08	8.85E-05	1.03E-04	5.11E-06	8.86E-08	2.66E-08	1.08E-04	9.10E-05	3.9E-06	8.6E-08	2.7E-08	1E-04
2475	497238.92, 3858620.93	0.04459	0.0473	0.04889	0.04503	0.04226	8.38E-05	4.1E-06	8.9E-08	4.7E-08	8.81E-05	1.03E-04	5.08E-06	8.82E-08	2.64E-08	1.08E-04	9.05E-05	3.9E-06	8.6E-08	2.7E-08	9E-05
2476	497088.92, 3858670.93	0.04522	0.04831	0.04959	0.04555	0.04279	8.50E-05	4.2E-06	9E-08	4.8E-08	8.94E-05	1.04E-04	5.19E-06	8.92E-08	2.68E-08	1.09E-04	9.18E-05	4E-06	8.7E-08	2.8E-08	1E-04
2477	497138.92, 3858670.93	0.04541	0.04847	0.04982	0.04577	0.04293	8.53E-05	4.3E-06	9.1E-08	4.8E-08	8.97E-05	1.05E-04	5.21E-06	8.97E-08	2.69E-08	1.10E-04	9.22E-05	4E-06	8.7E-08	2.8E-08	1E-04
2478	497188.92, 3858670.93	0.04501	0.04799	0.04937	0.04539	0.04257	8.46E-05	4.2E-06	9E-08	4.8E-08	8.89E-05	1.04E-04	5.16E-06	8.89E-08	2.66E-08	1.09E-04	9.14E-05	4E-06	8.6E-08	2.7E-08	1E-04
2479	497238.92, 3858670.93	0.04493	0.04787	0.0493	0.04534	0.04249	8.44E-05	4.2E-06	9E-08	4.7E-08	8.88E-05	1.03E-04	5.15E-06	8.88E-08	2.66E-08	1.09E-04	9.12E-05	4E-06	8.6E-08	2.7E-08	1E-04
2480	497088.92, 3858720.93	0.04617	0.04964	0.05069	0.04647	0.04352	8.68E-05	4.4E-06	9.2E-08	4.9E-08	9.13E-05	1.06E-04	5.34E-06	9.10E-08	2.72E-08	1.12E-04	9.37E-05	4.1E-06	8.8E-08	2.8E-08	1E-04
2481	497138.92, 3858720.93	0.04508	0.04835	0.04946	0.04538	0.04257	8.47E-05	4.2E-06	9E-08	4.8E-08	8.91E-05	1.04E-04	5.20E-06	8.89E-08	2.66E-08	1.09E-04	9.15E-05	4E-06	8.6E-08	2.7E-08	1E-04
2482	497188.92, 3858720.93	0.04484	0.04804	0.04919	0.04516	0.04235	8.43E-05	4.2E-06	9E-08	4.7E-08	8.86E-05	1.03E-04	5.16E-06	8.85E-08	2.65E-08	1.09E-04	9.10E-05	4E-06	8.6E-08	2.7E-08	1E-04
2483	497238.92, 3858720.93	0.0454	0.04864	0.04984	0.04577	0.04281	8.53E-05	4.3E-06	9.1E-08	4.8E-08	8.97E-05	1.05E-04	5.23E-06	8.97E-08	2.68E-08	1.10E-04	9.22E-05	4E-06	8.7E-08	2.8E-08	1E-04
2484	497088.92, 3858770.93	0.04639	0.05016	0.05096	0.04662	0.04363	8.72E-05	4.4E-06	9.3E-08	4.9E-08	9.17E-05	1.07E-04	5.39E-06	9.13E-08	2.73E-08	1.12E-04	9.42E-05	4.1E-06	8.9E-08	2.8E-08	1E-04
2485	497138.92, 3858770.93	0.04593	0.04958	0.05044	0.04618	0.04322	8.63E-05	4.3E-06	9.2E-08	4.8E-08	9.08E-05	1.06E-04	5.33E-06	9.05E-08	2.70E-08	1.11E-04	9.33E-05	4.1E-06	8.8E-08	2.8E-08	1E-04
2486	497188.92, 3858770.93	0.04563	0.04922	0.05015	0.04604	0.04295	8.57E-05	4.3E-06	9.1E-08	4.8E-08	9.02E-05	1.05E-04	5.29E-06	9.02E-08	2.69E-08	1.10E-04	9.26E-05	4.1E-06	8.8E-08	2.8E-08	1E-04
2487	497238.92, 3858770.93	0.04588	0.04943	0.05041	0.0462	0.04316	8.62E-05	4.3E-06	9.2E-08	4.8E-08	9.07E-05	1.06E-04	5.31E-06	9.05E-08	2.70E-08	1.11E-04	9.32E-05	4.1E-06	8.8E-08	2.8E-08	1E-04
2488	497396.65, 3858622.63	0.04632	0.04912	0.05091	0.04691	0.0437	8.70E-05	4.3E-06	9.3E-08	4.9E-08	9.15E-05	1.07E-04	5.28E-06	9.19E-08	2.73E-08	1.12E-04	9.40E-05	4.1E-06	8.9E-08	2.8E-08	1E-04
2489	497496.65, 3858622.63	0.04725	0.05009	0.05199	0.04792	0.04451	8.88E-05	4.4E-06	9.5E-08	5E-08	9.33E-05	1.09E-04	5.38E-06	9.39E-08	2.78E-08	1.14E-04	9.59E-05	4.1E-06	9.1E-08	2.9E-08	0.0001
2490	497596.65, 3858622.63	0.04902	0.05203	0.05407	0.04985	0.04611	9.21E-05	4.6E-06	9.9E-08	5.2E-08	9.68E-05	1.13E-04	5.59E-06	9.77E-08	2.88E-08	1.19E-04	9.95E-05	4.3E-06	9.5E-08	3E-08	0.0001
2491	497696.65, 3858622.63	0.04942	0.05243	0.05451	0.05022	0.04657	9.29E-05	4.6E-06	1E-07	5.2E-08	9.76E-05	1.14E-04	5.64E-06	9.84E-08	2.91E-08	1.20E-04	1.00E-04	4.3E-06	9.6E-08	3E-08	0.0001
2492	497796.65, 3858622.63	0.05042	0.05352	0.05566	0.05125	0.04762	9.47E-05	4.7E-06	1E-07	5.3E-08	9.96E-05	1.16E-04	5.75E-06	1.00E-07	2.98E-08	1.22E-04	1.02E-04	4.4E-06	9.7E-08	3.1E-08	0.0001

2493	497896.65, 3858622.63	0.0514	0.0546	0.05677	0.05224	0.04869	9.66E-05	4.8E-06	1E-07	5.4E-08	1.02E-04	1.18E-04	5.87E-06	1.02E-07	3.05E-08	1.24E-04	1.04E-04	4.5E-06	9.9E-08	3.1E-08	0.0001
2494	497396.65, 3858722.63	0.04741	0.05076	0.05218	0.04793	0.0446	8.91E-05	4.5E-06	9.5E-08	5E-08	9.37E-05	1.09E-04	5.46E-06	9.39E-08	2.79E-08	1.15E-04	9.63E-05	4.2E-06	9.1E-08	2.9E-08	0.0001
2495	497496.65, 3858722.63	0.04832	0.0517	0.05324	0.04891	0.04545	9.08E-05	4.5E-06	9.7E-08	5.1E-08	9.55E-05	1.11E-04	5.56E-06	9.58E-08	2.84E-08	1.17E-04	9.81E-05	4.3E-06	9.3E-08	2.9E-08	0.0001
2496	497596.65, 3858722.63	0.04989	0.0534	0.05506	0.05054	0.04704	9.38E-05	4.7E-06	1E-07	5.3E-08	9.86E-05	1.15E-04	5.74E-06	9.90E-08	2.94E-08	1.21E-04	1.01E-04	4.4E-06	9.6E-08	3E-08	0.0001
2497	497696.65, 3858722.63	0.05071	0.05425	0.05599	0.0514	0.04793	9.53E-05	4.8E-06	1E-07	5.4E-08	1.00E-04	1.17E-04	5.83E-06	1.01E-07	3.00E-08	1.23E-04	1.03E-04	4.5E-06	9.8E-08	3.1E-08	0.0001
2498	497796.65, 3858722.63	0.05107	0.0546	0.05641	0.05179	0.04839	9.60E-05	4.8E-06	1E-07	5.4E-08	1.01E-04	1.18E-04	5.87E-06	1.01E-07	3.03E-08	1.24E-04	1.04E-04	4.5E-06	9.9E-08	3.1E-08	0.0001
2499	497896.65, 3858722.63	0.05168	0.05523	0.05709	0.0524	0.04914	9.71E-05	4.8E-06	1E-07	5.5E-08	1.02E-04	1.19E-04	5.94E-06	1.03E-07	3.07E-08	1.25E-04	1.05E-04	4.6E-06	1E-07	3.2E-08	0.0001
2500	497396.65, 3858822.63	0.04799	0.05195	0.05288	0.04835	0.04504	9.02E-05	4.6E-06	9.6E-08	5E-08	9.49E-05	1.11E-04	5.58E-06	9.47E-08	2.82E-08	1.16E-04	9.74E-05	4.3E-06	9.2E-08	2.9E-08	0.0001
2501	497496.65, 3858822.63	0.04873	0.05271	0.05374	0.04916	0.04582	9.16E-05	4.6E-06	9.8E-08	5.1E-08	9.63E-05	1.12E-04	5.67E-06	9.63E-08	2.87E-08	1.18E-04	9.89E-05	4.4E-06	9.4E-08	3E-08	0.0001
2502	497596.65, 3858822.63	0.05055	0.05473	0.05588	0.05114	0.04774	9.50E-05	4.8E-06	1E-07	5.3E-08	9.99E-05	1.16E-04	5.88E-06	1.00E-07	2.99E-08	1.22E-04	1.03E-04	4.5E-06	9.7E-08	3.1E-08	0.0001
2503	497696.65, 3858822.63	0.05106	0.05518	0.0564	0.05155	0.04838	9.60E-05	4.8E-06	1E-07	5.4E-08	1.01E-04	1.18E-04	5.93E-06	1.01E-07	3.03E-08	1.24E-04	1.04E-04	4.6E-06	9.8E-08	3.1E-08	0.0001
2504	497796.65, 3858822.63	0.05143	0.05555	0.05686	0.05201	0.04885	9.66E-05	4.9E-06	1E-07	5.5E-08	1.02E-04	1.18E-04	5.97E-06	1.02E-07	3.06E-08	1.25E-04	1.04E-04	4.6E-06	9.9E-08	3.2E-08	0.0001
2505	497896.65, 3858822.63	0.05244	0.0566	0.05793	0.05295	0.05032	9.85E-05	5E-06	1.1E-07	5.6E-08	1.04E-04	1.21E-04	6.08E-06	1.04E-07	3.15E-08	1.27E-04	1.06E-04	4.7E-06	1E-07	3.3E-08	0.0001
2506	497396.65, 3858922.63	0.04862	0.0532	0.05363	0.04879	0.04564	9.14E-05	4.7E-06	9.7E-08	5.1E-08	9.62E-05	1.12E-04	5.72E-06	9.56E-08	2.85E-08	1.18E-04	9.87E-05	4.4E-06	9.3E-08	2.9E-08	0.0001
2507	497496.65, 3858922.63	0.05013	0.05486	0.05536	0.05033	0.04726	9.42E-05	4.8E-06	1E-07	5.3E-08	9.92E-05	1.15E-04	5.90E-06	9.86E-08	2.96E-08	1.21E-04	1.02E-04	4.5E-06	9.6E-08	3.1E-08	0.0001
2508	497596.65, 3858922.63	0.05001	0.05464	0.05523	0.05026	0.04722	9.40E-05	4.8E-06	1E-07	5.3E-08	9.89E-05	1.15E-04	5.87E-06	9.85E-08	2.95E-08	1.21E-04	1.02E-04	4.5E-06	9.6E-08	3.1E-08	0.0001
2509	497696.65, 3858922.63	0.05167	0.05648	0.05713	0.052	0.04928	9.71E-05	5E-06	1E-07	5.5E-08	1.02E-04	1.19E-04	6.07E-06	1.02E-07	3.08E-08	1.25E-04	1.05E-04	4.7E-06	9.9E-08	3.2E-08	0.0001
2510	497796.65, 3858922.63	0.05238	0.05717	0.05785	0.0526	0.05032	9.84E-05	5E-06	1E-07	5.6E-08	1.04E-04	1.21E-04	6.15E-06	1.03E-07	3.15E-08	1.27E-04	1.06E-04	4.7E-06	1E-07	3.3E-08	0.0001
2511	497896.65, 3858922.63	0.05362	0.05852	0.05922	0.05383	0.0522	1.01E-04	5.1E-06	1.1E-07	5.8E-08	1.06E-04	1.23E-04	6.29E-06	1.05E-07	3.26E-08	1.30E-04	1.09E-04	4.8E-06	1E-07	3.4E-08	0.0001
2512	497364.44, 3858201.52	0.04431	0.04723	0.04854	0.04492	0.04229	8.33E-05	4.1E-06	8.9E-08	4.7E-08	8.75E-05	1.02E-04	5.08E-06	8.80E-08	2.64E-08	1.07E-04	9.00E-05	3.9E-06	8.5E-08	2.7E-08	9E-05
2513	497414.44, 3858201.52	0.04481	0.04782	0.04914	0.04563	0.04271	8.42E-05	4.2E-06	9.1E-08	4.8E-08	8.85E-05	1.03E-04	5.14E-06	8.94E-08	2.67E-08	1.08E-04	9.10E-05	4E-06	8.7E-08	2.8E-08	1E-04
2514	497464.44, 3858201.52	0.04523	0.04832	0.04963	0.04608	0.04302	8.50E-05	4.2E-06	9.1E-08	4.8E-08	8.94E-05	1.04E-04	5.19E-06	9.03E-08	2.69E-08	1.09E-04	9.18E-05	4E-06	8.8E-08	2.8E-08	1E-04
2515	497514.44, 3858201.52	0.04538	0.04849	0.04976	0.04606	0.04303	8.53E-05	4.3E-06	9.1E-08	4.8E-08	8.97E-05	1.05E-04	5.21E-06	9.02E-08	2.69E-08	1.10E-04	9.21E-05	4E-06	8.8E-08	2.8E-08	1E-04
2516	497564.44, 3858201.52	0.04519	0.04831	0.04955	0.04587	0.04283	8.49E-05	4.2E-06	9.1E-08	4.8E-08	8.93E-05	1.04E-04	5.19E-06	8.99E-08	2.68E-08	1.09E-04	9.18E-05	4E-06	8.7E-08	2.8E-08	1E-04
2517	497614.44, 3858201.52	0.04528	0.04845	0.04966	0.04598	0.04289	8.51E-05	4.3E-06	9.1E-08	4.8E-08	8.95E-05	1.04E-04	5.21E-06	9.01E-08	2.68E-08	1.10E-04	9.19E-05	4E-06	8.7E-08	2.8E-08	1E-04
2518	497364.44, 3858251.52	0.04504	0.04786	0.04937	0.04568	0.04286	8.46E-05	4.2E-06	9.1E-08	4.8E-08	8.90E-05	1.04E-04	5.15E-06	8.95E-08	2.68E-08	1.09E-04	9.14E-05	4E-06	8.7E-08	2.8E-08	1E-04
2519	497414.44, 3858251.52	0.04569	0.0486	0.05011	0.04636	0.04338	8.59E-05	4.3E-06	9.2E-08	4.8E-08	9.03E-05	1.05E-04	5.22E-06	9.08E-08	2.71E-08	1.11E-04	9.28E-05	4E-06	8.8E-08	2.8E-08	1E-04
2520	497464.44, 3858251.52	0.04531	0.04821	0.04969	0.04598	0.04302	8.51E-05	4.2E-06	9.1E-08	4.8E-08	8.95E-05	1.04E-04	5.18E-06	9.01E-08	2.69E-08	1.10E-04	9.20E-05	4E-06	8.7E-08	2.8E-08	1E-04
2521	497514.44, 3858251.52	0.04484	0.04772	0.04916	0.04551	0.04256	8.43E-05	4.2E-06	9E-08	4.8E-08	8.86E-05	1.03E-04	5.13E-06	8.92E-08	2.66E-08	1.09E-04	9.10E-05	3.9E-06	8.7E-08	2.7E-08	1E-04
2522	497564.44, 3858251.52	0.0447	0.04759	0.049	0.04537	0.0424	8.40E-05	4.2E-06	9E-08	4.7E-08	8.83E-05	1.03E-04	5.12E-06	8.89E-08	2.65E-08	1.08E-04	9.08E-05	3.9E-06	8.6E-08	2.7E-08	9E-05
2523	497614.44, 3858251.52	0.04456	0.04746	0.04885	0.04523	0.04225	8.37E-05	4.2E-06	9E-08	4.7E-08	8.80E-05	1.03E-04	5.10E-06	8.86E-08	2.64E-08	1.08E-04	9.05E-05	3.9E-06	8.6E-08	2.7E-08	9E-05
2524	497364.44, 3858301.52	0.04518	0.04787	0.04954	0.04583	0.04292	8.49E-05	4.2E-06	9.1E-08	4.8E-08	8.92E-05	1.04E-04	5.15E-06	8.98E-08	2.68E-08	1.09E-04	9.17E-05	4E-06	8.7E-08	2.8E-08	1E-04
2525	497414.44, 3858301.52	0.04555	0.04828	0.04995	0.04622	0.04326	8.56E-05	4.2E-06	9.2E-08	4.8E-08	9.00E-05	1.05E-04	5.19E-06	9.05E-08	2.71E-08	1.10E-04	9.25E-05	4E-06	8.8E-08	2.8E-08	1E-04
2526	497464.44, 3858301.52	0.04506	0.04777	0.0494	0.04572	0.04278	8.47E-05	4.2E-06	9.1E-08	4.8E-08	8.90E-05	1.04E-04	5.14E-06	8.96E-08	2.68E-08	1.09E-04	9.15E-05	4E-06	8.7E-08	2.8E-08	1E-04
2527	497514.44, 3858301.52	0.04473	0.04744	0.04903	0.04539	0.04247	8.41E-05	4.2E-06	9E-08	4.7E-08	8.84E-05	1.03E-04	5.10E-06	8.89E-08	2.66E-08	1.08E-04	9.08E-05	3.9E-06	8.6E-08	2.7E-08	9E-05
2528	497564.44, 3858301.52	0.04423	0.04691	0.04847	0.04488	0.04199	8.31E-05	4.1E-06	8.9E-08	4.7E-08	8.74E-05	1.02E-04	5.04E-06	8.79E-08	2.63E-08	1.07E-04	8.98E-05	3.9E-06	8.5E-08	2.7E-08	9E-05
2529	497614.44, 3858301.52	0.04407	0.04675	0.04828	0.04472	0.04181	8.28E-05	4.1E-06	8.9E-08	4.7E-08	8.71E-05	1.01E-04	5.03E-06	8.76E-08	2.61E-08	1.07E-04	8.95E-05	3.9E-06	8.5E-08	2.7E-08	9E-05
2530	497364.44, 3858351.52	0.04539	0.04797	0.04977	0.04604	0.04314	8.53E-05	4.2E-06	9.1E-08	4.8E-08	8.96E-05	1.05E-04	5.16E-06	9.02E-08	2.70E-08	1.10E-04	9.22E-05	4E-06	8.8E-08	2.8E-08	1E-04
2531	497414.44, 3858351.52	0.04508	0.04765	0.04942	0.04573	0.04284	8.47E-05	4.2E-06	9.1E-08	4.8E-08	8.90E-05	1.04E-04	5.12E-06	8.96E-08	2.68E-08	1.09E-04	9.15E-05	3.9E-06	8.7E-08	2.8E-08	1E-04
2532	497464.44, 3858351.52	0.04496	0.04753	0.04929	0.04562	0.0427	8.45E-05	4.2E-06	9.1E-08	4.8E-08	8.88E-05	1.04E-04	5.11E-06	8.94E-08	2.67E-08	1.09E-04	9.13E-05	3.9E-06	8.7E-08	2.8E-08	1E-04
2533	497514.44, 3858351.52	0.0447	0.04727	0.049	0.04536	0.04245	8.40E-05	4.1E-06	9E-08	4.7E-08	8.83E-05	1.03E-04	5.08E-06	8.89E-08	2.65E-08	1.08E-04	9.08E-05	3.9E-06	8.6E-08	2.7E-08	9E-05
2534	497564.44, 3858351.52	0.04408	0.04661	0.04829	0.04472	0.04186	8.28E-05	4.1E-06	8.9E-08	4.7E-08	8.71E-05	1.02E-04	5.01E-06	8.76E-08	2.62E-08	1.07E-04	8.95E-05	3.9E-06	8.5E-08	2.7E-08	9E-05
2535	497614.44, 3858351.52	0.04394	0.04647	0.04814	0.04459	0.04171	8.26E-05	4.1E-06	8.9E-08	4.7E-08	8.68E-05	1.01E-04	5.00E-06	8.73E-08	2.61E-08	1.06E-04	8.92E-05	3.8E-06	8.5E-08	2.7E-08	9E-05
2536	497364.44, 3858401.52	0.0449	0.04738	0.04925	0.0457	0.04275	8.44E-05	4.2E-06	9.1E-08	4.8E-08	8.87E-05	1.03E-04	5.09E-06	8.95E-08	2.67E-08	1.09E-04	9.12E-05	3.9E-06	8.7E-08	2.8E-08	1E-04
2537	497414.44, 3858401.52	0.04484	0.04731	0.04915	0.04548	0.04261	8.43E-05	4.2E-06	9E-08	4.8E-08	8.86E-05	1.03E-04	5.09E-06	8.91E-08	2.67E-08	1.08E-04	9.10E-05	3.9E-06	8.7E-08	2.8E-08	1E-04
2538	497464.44, 3858401.52	0.0445	0.04695	0.04877	0.04514	0.04229	8.36E-05	4.1E-06	9E-08	4.7E-08	8.79E-05	1.02E-04	5.05E-06	8.84E-08	2.64E-08	1.08E-04	9.04E-05	3.9E-06	8.6E-08	2.7E-08	9E-05
2539	497514.44, 3858401.52	0.04432	0.04676	0.04857	0.04497	0.0421	8.33E-05	4.1E-06	8.9E-08	4.7E-08	8.75E-05	1.02E-04	5.03E-06	8.81E-08	2.63E-08	1.07E-04	9.00E-05	3.9E-06	8.6E-08	2.7E-08	9E-05
2540	497564.44, 3858401.52	0.04478	0.04728	0.0491	0.04546	0.04246	8.42E-05	4.1E-06	9E-08	4.7E-08	8.84E-05	1.03E-04	5.08E-06	8.91E-08	2.66E-08	1.08E-04	9.09E-05	3.9E-06	8.6E-08	2.7E-08	9E-05
2541	497614.44, 3858401.52	0.04524	0.04782	0.04973	0.04612	0.04285	8.50E-05	4.2E-06	9.2E-08	4.8E-08	8.93E-05	1.04E-04	5.14E-06	9.03E-08	2.68E-08	1.09E-04	9.19E-05	4E-06	8.8E-08	2.8E-08	1E-04
2542	493478.11, 3860497.94	0.05245	0.05566	0.05354	0.04606	0.06357	9.86E-05	4.9E-06	9.1E-08	7.1E-08	1.04E-04	1.21E-04	5.98E-06	9.02E-08	3.98E-08	1.27E-04	1.06E-04	4.6E-06	8.8E-08	4.1E-08	0.0001
2543	493528.11, 3860497.94	0.05239	0.0556	0.05354	0.04612	0.06354	9.85E-05	4.9E-06	9.2E-08	7.1E-08	1.03E-04	1.21E-04	5.98E-06	9.03E-08	3.97E-08	1.27E-04	1.06E-04	4.6E-06	8.8E-08	4.1E-08	0.0001
2544	493478.11, 3860547.94	0.05113	0.05426	0.05212	0.04482	0.06208	9.61E-05	4.8E-06	8.9E-08	6.9E-08	1.01E-04	1.18E-04	5.83E-06	8.78E-08	3.88E-08	1.24E-04	1.04E-04	4.5E-06	8.5E-08	4E-08	0.0001
2545	493528.11, 3860547.94	0.05106	0.05419	0.05212	0.04488	0.06207	9.60E-05	4.8E-06	8.9E-08	6.9E-08	1.01E-04	1.18E-04	5.83E-06	8.79E-08	3.88E-08	1.24E-04	1.04E-04	4.5E-06	8.5E-08	4E-08	0.0001
2546	493478.11, 3860597.94	0.04985	0.05289	0.05075	0.04361	0.06057	9.37E-05	4.6E-06	8.7E-08	6.8E-08	9.85E-05	1.15E-04	5.69E-06	8.54E-08	3.79E-08	1.21E-04	1.01E-04	4.4E-06	8.3E-08	3.9E-08	0.0001
2547	493528.11, 3860597.94	0.0498	0.05284	0.05076	0.04369	0.06059	9.36E-05	4.6E-06	8.7E-08	6.8E-08	9.84E-05	1.15E-04	5.68E-06	8.56E-08	3.79E-08	1.20E-04	1.01E-04	4.4E-06	8.3E-08	3.9E-08	0.0001
2548	493561.88, 3860524.64	0.05166	0.05482	0.0528	0.04552	0.06274	9.71E-05	4.8E-06	9E-08	7E-08	1.02E-04	1.19E-04	5.89E-06	8.92E-08	3.92E-08	1.25E-04	1.05E-04	4.5E-06	8.7E-08	4.1E-08	0.0001
2549	493591.88, 3860524.64	0.05167	0.05485	0.05287	0.04559	0.06272	9.71E-05	4.8E-06	9E-08	7E-08	1.02E-04	1.19E-04	5.90E-06	8.93E-08	3.92E-08	1.25E-04	1.05E-04	4.5E-06	8.7E-08	4.1E-08	0.0001
2550	493561.88, 3860554.64	0.05087	0.05399	0.05196	0.04478	0.06186	9.56E-05	4.7E-06	8.9E-08	6.9E-08	1.00E-04	1.17E-04	5.80E-06	8.77E-08	3.87E-08	1.23E-04	1.03E-04	4.5E-06	8.5E-08	4E-08	0.0001
2551	493591.88, 3860554.64	0.05091	0.05406	0.05206	0.04489	0.06187	9.57E-05	4.7E-06	8.9E-08	6.9E-08	1.01E-04	1.17E-04	5.81E-06	8.79E-08	3.87E-08	1.23E-04	1.03E-04	4.5E-06	8.5E-08	4E-08	0.0001
2552	492880.5, 3860293.11	0.05826	0.06134	0.05837	0.04965	0.07032	1.09E-04	5.4E-06	9.9E-08	7.9E-08	1.15E-04	1.34E-04	6.59E-06	9.73E-08	4.40E-08	1.41E-04	1.18E-04	5.1E-06	9.4E-08	4.5E-08	0.0001
2553	492930.5, 3860293.11	0.05833	0.06152	0.05862	0.0499	0.07034	1.10E-04	5.4E-06	9.9E-08	7.9E-08	1.15E-04	1.34E-04	6.61E-06	9.78E-08	4.40E-08	1.41E-04	1.18E-04	5.1E-06	9.5E-08	4.5E-08	0.0001
2554	492980.5, 3860293.11	0.05841	0.0617	0.05888	0.05016	0.07033	1.10E-04	5.4E-06	1E-07	7.9E-08	1.15E-04	1.35E-04	6.63E-06	9.83E-08	4.40E-08	1.41E-04	1.19E-04	5.1E-06	9.5E-08	4.5E-08	0.0001
2555	493030.5, 3860293.11	0.05873	0.06222	0.05947	0.05065	0.07005	1.10E-04	5.5E-06	1E-07	7.8E-08	1.16E-04	1.35E-04	6.69E-06	9.92E-08	4.38E-08	1.42E-04	1.19E-04	5.1E-06	9.6E-08	4.5E-08	0.0001
2556	493080.5, 3860293.11	0.05894	0.0627	0.06005	0.05111	0.06956	1.11E-04	5.5E-06	1E-07	7.8E-08	1.16E-04	1.36E-04	6.74E-06	1.00E-07	4.35E-08	1.43E-04	1.20E-04	5.2E-06	9.7E-08	4.5E-08	0.0001

2557 493130.5, 3860293.11	0.05875	0.06234	0.05976	0.051	0.06984	1.10E-04	5.5E-06	1E-07	7.8E-08	1.16E-04	1.35E-04	6.70E-06	9.99E-08	4.37E-08	1.42E-04	1.19E-04	5.2E-06	9.7E-08	4.5E-08	0.0001
2558 493180.5, 3860293.11	0.05854	0.062	0.0595	0.05089	0.06996	1.10E-04	5.4E-06	1E-07	7.8E-08	1.16E-04	1.35E-04	6.67E-06	9.97E-08	4.38E-08	1.42E-04	1.19E-04	5.1E-06	9.7E-08	4.5E-08	0.0001
2559 493230.5, 3860293.11	0.05845	0.06188	0.05946	0.05092	0.06991	1.10E-04	5.4E-06	1E-07	7.8E-08	1.15E-04	1.35E-04	6.65E-06	9.97E-08	4.37E-08	1.41E-04	1.19E-04	5.1E-06	9.7E-08	4.5E-08	0.0001
2560 493280.5, 3860293.11	0.05853	0.06204	0.05971	0.05114	0.06967	1.10E-04	5.4E-06	1E-07	7.8E-08	1.16E-04	1.35E-04	6.67E-06	1.00E-07	4.36E-08	1.42E-04	1.19E-04	5.1E-06	9.7E-08	4.5E-08	0.0001
2561 493330.5, 3860293.11	0.05851	0.06205	0.05979	0.05125	0.06948	1.10E-04	5.4E-06	1E-07	7.8E-08	1.16E-04	1.35E-04	6.67E-06	1.00E-07	4.35E-08	1.42E-04	1.19E-04	5.1E-06	9.7E-08	4.5E-08	0.0001
2562 493380.5, 3860293.11	0.05845	0.06199	0.05981	0.0513	0.06932	1.10E-04	5.4E-06	1E-07	7.7E-08	1.15E-04	1.35E-04	6.66E-06	1.00E-07	4.34E-08	1.41E-04	1.19E-04	5.1E-06	9.8E-08	4.5E-08	0.0001
2563 492880.5, 3860343.11	0.05662	0.05953	0.05661	0.04813	0.06842	1.06E-04	5.2E-06	9.6E-08	7.6E-08	1.12E-04	1.30E-04	6.40E-06	9.43E-08	4.28E-08	1.37E-04	1.15E-04	4.9E-06	9.2E-08	4.4E-08	0.0001
2564 492930.5, 3860343.11	0.05669	0.0597	0.05683	0.04837	0.0685	1.07E-04	5.2E-06	9.6E-08	7.7E-08	1.12E-04	1.31E-04	6.42E-06	9.48E-08	4.28E-08	1.37E-04	1.15E-04	4.9E-06	9.2E-08	4.4E-08	0.0001
2565 492980.5, 3860343.11	0.05706	0.06036	0.05753	0.04895	0.06852	1.07E-04	5.3E-06	9.7E-08	7.7E-08	1.13E-04	1.31E-04	6.49E-06	9.59E-08	4.29E-08	1.38E-04	1.16E-04	5E-06	9.3E-08	4.4E-08	0.0001
2566 493030.5, 3860343.11	0.05707	0.06042	0.05767	0.04912	0.06854	1.07E-04	5.3E-06	9.7E-08	7.7E-08	1.13E-04	1.31E-04	6.50E-06	9.62E-08	4.29E-08	1.38E-04	1.16E-04	5E-06	9.3E-08	4.4E-08	0.0001
2567 493080.5, 3860343.11	0.05737	0.06092	0.05825	0.04959	0.06821	1.08E-04	5.3E-06	9.8E-08	7.6E-08	1.13E-04	1.32E-04	6.55E-06	9.71E-08	4.27E-08	1.39E-04	1.16E-04	5E-06	9.4E-08	4.4E-08	0.0001
2568 493130.5, 3860343.11	0.05728	0.0608	0.0582	0.04964	0.06827	1.08E-04	5.3E-06	9.9E-08	7.6E-08	1.13E-04	1.32E-04	6.54E-06	9.72E-08	4.27E-08	1.39E-04	1.16E-04	5E-06	9.4E-08	4.4E-08	0.0001
2569 493180.5, 3860343.11	0.05701	0.06042	0.0579	0.04951	0.06852	1.07E-04	5.3E-06	9.8E-08	7.7E-08	1.13E-04	1.31E-04	6.50E-06	9.70E-08	4.29E-08	1.38E-04	1.16E-04	5E-06	9.4E-08	4.4E-08	0.0001
2570 493230.5, 3860343.11	0.05695	0.06035	0.05792	0.04959	0.06848	1.07E-04	5.3E-06	9.8E-08	7.7E-08	1.12E-04	1.31E-04	6.49E-06	9.71E-08	4.28E-08	1.38E-04	1.16E-04	5E-06	9.4E-08	4.4E-08	0.0001
2571 493280.5, 3860343.11	0.05708	0.06054	0.05819	0.04984	0.06821	1.07E-04	5.3E-06	9.9E-08	7.6E-08	1.13E-04	1.31E-04	6.51E-06	9.76E-08	4.27E-08	1.38E-04	1.16E-04	5E-06	9.5E-08	4.4E-08	0.0001
2572 493330.5, 3860343.11	0.0571	0.06062	0.05835	0.05	0.06805	1.07E-04	5.3E-06	9.9E-08	7.6E-08	1.13E-04	1.31E-04	6.52E-06	9.79E-08	4.26E-08	1.38E-04	1.16E-04	5E-06	9.5E-08	4.4E-08	0.0001
2573 493380.5, 3860343.11	0.05706	0.06057	0.05837	0.05007	0.06794	1.07E-04	5.3E-06	9.9E-08	7.6E-08	1.13E-04	1.31E-04	6.51E-06	9.81E-08	4.25E-08	1.38E-04	1.16E-04	5E-06	9.5E-08	4.4E-08	0.0001
2574 492880.5, 3860393.11	0.05501	0.05773	0.05487	0.04666	0.06649	1.03E-04	5.1E-06	9.3E-08	7.4E-08	1.09E-04	1.27E-04	6.21E-06	9.14E-08	4.16E-08	1.33E-04	1.12E-04	4.8E-06	8.9E-08	4.3E-08	0.0001
2575 492930.5, 3860393.11	0.05516	0.05802	0.05519	0.04696	0.06664	1.04E-04	5.1E-06	9.3E-08	7.4E-08	1.09E-04	1.27E-04	6.24E-06	9.20E-08	4.17E-08	1.33E-04	1.12E-04	4.8E-06	8.9E-08	4.3E-08	0.0001
2576 492980.5, 3860393.11	0.05538	0.05842	0.05564	0.04735	0.06676	1.04E-04	5.1E-06	9.4E-08	7.5E-08	1.09E-04	1.28E-04	6.28E-06	9.28E-08	4.18E-08	1.34E-04	1.12E-04	4.8E-06	9E-08	4.3E-08	0.0001
2577 493030.5, 3860393.11	0.05551	0.05869	0.05596	0.04766	0.06681	1.04E-04	5.1E-06	9.5E-08	7.5E-08	1.10E-04	1.28E-04	6.31E-06	9.34E-08	4.18E-08	1.34E-04	1.13E-04	4.9E-06	9.1E-08	4.3E-08	0.0001
2578 493080.5, 3860393.11	0.05584	0.05923	0.05656	0.04815	0.06666	1.05E-04	5.2E-06	9.6E-08	7.4E-08	1.10E-04	1.29E-04	6.37E-06	9.43E-08	4.17E-08	1.35E-04	1.13E-04	4.9E-06	9.2E-08	4.3E-08	0.0001
2579 493130.5, 3860393.11	0.05569	0.05907	0.05647	0.04817	0.06685	1.05E-04	5.2E-06	9.6E-08	7.5E-08	1.10E-04	1.28E-04	6.35E-06	9.44E-08	4.18E-08	1.35E-04	1.13E-04	4.9E-06	9.2E-08	4.3E-08	0.0001
2580 493180.5, 3860393.11	0.05546	0.05877	0.05624	0.04808	0.0669	1.04E-04	5.2E-06	9.5E-08	7.5E-08	1.10E-04	1.28E-04	6.32E-06	9.42E-08	4.18E-08	1.34E-04	1.13E-04	4.9E-06	9.1E-08	4.3E-08	0.0001
2581 493230.5, 3860393.11	0.05547	0.0588	0.05635	0.04823	0.06688	1.04E-04	5.2E-06	9.6E-08	7.5E-08	1.10E-04	1.28E-04	6.32E-06	9.45E-08	4.18E-08	1.34E-04	1.13E-04	4.9E-06	9.2E-08	4.3E-08	0.0001
2582 493280.5, 3860393.11	0.05562	0.05905	0.05667	0.04853	0.06683	1.05E-04	5.2E-06	9.6E-08	7.5E-08	1.10E-04	1.28E-04	6.35E-06	9.51E-08	4.18E-08	1.35E-04	1.13E-04	4.9E-06	9.2E-08	4.3E-08	0.0001
2583 493330.5, 3860393.11	0.05569	0.05916	0.05686	0.04872	0.06662	1.05E-04	5.2E-06	9.7E-08	7.4E-08	1.10E-04	1.28E-04	6.36E-06	9.54E-08	4.17E-08	1.35E-04	1.13E-04	4.9E-06	9.3E-08	4.3E-08	0.0001
2584 493380.5, 3860393.11	0.05568	0.05915	0.05693	0.04883	0.06654	1.05E-04	5.2E-06	9.7E-08	7.4E-08	1.10E-04	1.28E-04	6.36E-06	9.57E-08	4.16E-08	1.35E-04	1.13E-04	4.9E-06	9.3E-08	4.3E-08	0.0001
2585 492880.5, 3860443.11	0.05352	0.05603	0.05325	0.04529	0.06458	1.01E-04	4.9E-06	9E-08	7.2E-08	1.06E-04	1.23E-04	6.02E-06	8.87E-08	4.04E-08	1.29E-04	1.09E-04	4.6E-06	8.6E-08	4.2E-08	0.0001
2586 492930.5, 3860443.11	0.05356	0.05619	0.05344	0.04548	0.06473	1.01E-04	4.9E-06	9E-08	7.2E-08	1.06E-04	1.23E-04	6.04E-06	8.91E-08	4.05E-08	1.30E-04	1.09E-04	4.6E-06	8.7E-08	4.2E-08	0.0001
2587 492980.5, 3860443.11	0.05375	0.05655	0.05382	0.04583	0.06491	1.01E-04	5E-06	9.1E-08	7.3E-08	1.06E-04	1.24E-04	6.08E-06	8.98E-08	4.06E-08	1.30E-04	1.09E-04	4.7E-06	8.7E-08	4.2E-08	0.0001
2588 493030.5, 3860443.11	0.05393	0.05689	0.0542	0.04616	0.06505	1.01E-04	5E-06	9.2E-08	7.3E-08	1.07E-04	1.24E-04	6.12E-06	9.04E-08	4.07E-08	1.30E-04	1.09E-04	4.7E-06	8.8E-08	4.2E-08	0.0001
2589 493080.5, 3860443.11	0.05399	0.05704	0.0544	0.04638	0.06514	1.01E-04	5E-06	9.2E-08	7.3E-08	1.07E-04	1.24E-04	6.13E-06	9.09E-08	4.07E-08	1.31E-04	1.10E-04	4.7E-06	8.8E-08	4.2E-08	0.0001
2590 493130.5, 3860443.11	0.05404	0.05718	0.0546	0.04659	0.0652	1.02E-04	5E-06	9.2E-08	7.3E-08	1.07E-04	1.24E-04	6.15E-06	9.13E-08	4.08E-08	1.31E-04	1.10E-04	4.7E-06	8.9E-08	4.2E-08	0.0001
2591 493180.5, 3860443.11	0.05388	0.05699	0.05447	0.04658	0.06524	1.01E-04	5E-06	9.2E-08	7.3E-08	1.06E-04	1.24E-04	6.13E-06	9.12E-08	4.08E-08	1.30E-04	1.09E-04	4.7E-06	8.9E-08	4.2E-08	0.0001
2592 493230.5, 3860443.11	0.05407	0.05732	0.05486	0.04693	0.06527	1.02E-04	5E-06	9.3E-08	7.3E-08	1.07E-04	1.25E-04	6.16E-06	9.19E-08	4.08E-08	1.31E-04	1.10E-04	4.7E-06	8.9E-08	4.2E-08	0.0001
2593 493280.5, 3860443.11	0.05415	0.05747	0.05508	0.04716	0.06527	1.02E-04	5E-06	9.4E-08	7.3E-08	1.07E-04	1.25E-04	6.18E-06	9.24E-08	4.08E-08	1.31E-04	1.10E-04	4.8E-06	9E-08	4.2E-08	0.0001
2594 493330.5, 3860443.11	0.05429	0.05771	0.05539	0.04744	0.06524	1.02E-04	5.1E-06	9.4E-08	7.3E-08	1.07E-04	1.25E-04	6.20E-06	9.29E-08	4.08E-08	1.31E-04	1.10E-04	4.8E-06	9E-08	4.2E-08	0.0001
2595 493380.5, 3860443.11	0.05423	0.05764	0.0554	0.04751	0.06522	1.02E-04	5.1E-06	9.4E-08	7.3E-08	1.07E-04	1.25E-04	6.20E-06	9.31E-08	4.08E-08	1.31E-04	1.10E-04	4.8E-06	9E-08	4.2E-08	0.0001
2596 493180.5, 3860493.11	0.05251	0.0555	0.05301	0.0453	0.06356	9.87E-05	4.9E-06	9E-08	7.1E-08	1.04E-04	1.21E-04	5.97E-06	8.87E-08	3.98E-08	1.27E-04	1.07E-04	4.6E-06	8.6E-08	4.1E-08	0.0001
2597 493230.5, 3860493.11	0.05263	0.05573	0.05328	0.04556	0.06365	9.89E-05	4.9E-06	9E-08	7.1E-08	1.04E-04	1.21E-04	5.99E-06	8.92E-08	3.98E-08	1.27E-04	1.07E-04	4.6E-06	8.7E-08	4.1E-08	0.0001
2598 493280.5, 3860493.11	0.05275	0.05595	0.05356	0.04583	0.0637	9.91E-05	4.9E-06	9.1E-08	7.1E-08	1.04E-04	1.21E-04	6.01E-06	8.98E-08	3.98E-08	1.28E-04	1.07E-04	4.6E-06	8.7E-08	4.1E-08	0.0001
2599 493330.5, 3860493.11	0.05281	0.05608	0.05375	0.04604	0.06372	9.92E-05	4.9E-06	9.1E-08	7.1E-08	1.04E-04	1.22E-04	6.03E-06	9.02E-08	3.99E-08	1.28E-04	1.07E-04	4.6E-06	8.8E-08	4.1E-08	0.0001
2600 493380.5, 3860493.11	0.05276	0.05604	0.05377	0.04613	0.06373	9.91E-05	4.9E-06	9.2E-08	7.1E-08	1.04E-04	1.21E-04	6.02E-06	9.04E-08	3.99E-08	1.28E-04	1.07E-04	4.6E-06	8.8E-08	4.1E-08	0.0001
2601 493330.5, 3860543.11	0.05144	0.05458	0.05225	0.04474	0.06216	9.67E-05	4.8E-06	8.9E-08	6.9E-08	1.02E-04	1.18E-04	5.87E-06	8.76E-08	3.89E-08	1.24E-04	1.04E-04	4.5E-06	8.5E-08	4E-08	0.0001
2602 493380.5, 3860543.11	0.0514	0.05455	0.05228	0.04483	0.0622	9.66E-05	4.8E-06	8.9E-08	6.9E-08	1.02E-04	1.18E-04	5.86E-06	8.78E-08	3.89E-08	1.24E-04	1.04E-04	4.5E-06	8.5E-08	4E-08	0.0001
2603 494135.94, 3860876.85	0.04346	0.04627	0.04479	0.03892	0.05329	8.17E-05	4.1E-06	7.7E-08	6E-08	8.59E-05	1.00E-04	4.97E-06	7.62E-08	3.33E-08	1.05E-04	8.82E-05	3.8E-06	7.4E-08	3.4E-08	9E-05
2604 494185.94, 3860876.85	0.04346	0.04627	0.04484	0.03901	0.0533	8.17E-05	4.1E-06	7.7E-08	6E-08	8.59E-05	1.00E-04	4.97E-06	7.64E-08	3.33E-08	1.05E-04	8.82E-05	3.8E-06	7.4E-08	3.4E-08	9E-05
2605 494135.94, 3860926.85	0.04241	0.04514	0.04365	0.03791	0.05204	7.97E-05	4E-06	7.5E-08	5.8E-08	8.38E-05	9.77E-05	4.85E-06	7.43E-08	3.25E-08	1.03E-04	8.61E-05	3.7E-06	7.2E-08	3.4E-08	9E-05
2606 494185.94, 3860926.85	0.04244	0.04518	0.04373	0.03802	0.05208	7.98E-05	4E-06	7.5E-08	5.8E-08	8.39E-05	9.77E-05	4.86E-06	7.45E-08	3.26E-08	1.03E-04	8.62E-05	3.7E-06	7.2E-08	3.4E-08	9E-05
2607 494135.94, 3860976.85	0.04141	0.04405	0.04255	0.03693	0.05079	7.78E-05	3.9E-06	7.3E-08	5.7E-08	8.18E-05	9.54E-05	4.74E-06	7.23E-08	3.18E-08	1.00E-04	8.41E-05	3.6E-06	7E-08	3.3E-08	9E-05
2608 494185.94, 3860976.85	0.04144	0.04411	0.04265	0.03706	0.05086	7.79E-05	3.9E-06	7.4E-08	5.7E-08	8.19E-05	9.54E-05	4.74E-06	7.26E-08	3.18E-08	1.00E-04	8.41E-05	3.6E-06	7E-08	3.3E-08	9E-05
2609 494135.94, 3861026.85	0.0404	0.04293	0.04144	0.03595	0.04952	7.59E-05	3.8E-06	7.1E-08	5.5E-08	7.98E-05	9.30E-05	4.62E-06	7.04E-08	3.10E-08	9.78E-05	8.20E-05	3.6E-06	6.8E-08	3.2E-08	9E-05
2610 494185.94, 3861026.85	0.04045	0.04302	0.04157	0.03609	0.04962	7.60E-05	3.8E-06	7.2E-08	5.5E-08	7.99E-05	9.31E-05	4.62E-06	7.07E-08	3.10E-08	9.79E-05	8.21E-05	3.6E-06	6.9E-08	3.2E-08	9E-05
2611 494135.94, 3861076.85	0.03944	0.04184	0.04037	0.03501	0.04825	7.41E-05	3.7E-06	6.9E-08	5.4E-08	7.79E-05	9.08E-05	4.50E-06	6.86E-08	3.02E-08	9.54E-05	8.01E-05	3.5E-06	6.7E-08	3.1E-08	8E-05
2612 494185.94, 3861076.85	0.03948	0.04194	0.0405	0.03514	0.04837	7.42E-05	3.7E-06	7E-08	5.4E-08	7.80E-05	9.09E-05	4.51E-06	6.88E-08	3.03E-08	9.55E-05	8.02E-05	3.5E-06	6.7E-08	3.1E-08	8E-05
2613 490360.04, 3858710.04	0.21582	0.18479	0.16656	0.12731	0.22488	4.06E-04	1.6E-05	2.5E-07	2.5E-07	4.22E-04	4.97E-04	1.99E-05	2.49E-07	1.41E-07	5.17E-04	4.38E-04	1.5E-05	2.4E-07	1.5E-07	0.0005
2614 490410.04, 3858710.04	0.21189	0.18432	0.16652	0.12745	0.22226	3.98E-04	1.6E-05	2.5E-07	2.5E-07	4.15E-04	4.88E-04	1.98E-05	2.50E-07	1.39E-07	5.08E-04	4.30E-04	1.5E-05	2.4E-07	1.4E-07	0.0004
2615 490460.04, 3858710.04	0.20782	0.18417	0.16679	0.12771	0.21871	3.91E-04	1.6E-05	2.5E-07	2.4E-07	4.07E-04	4.79E-04	1.98E-05	2.50E-07	1.37E-07	4.99E-04	4.22E-04	1.5E-05	2.4E-07	1.4E-07	0.0004
2616 490510.04, 3858710.04	0.20417	0.1835	0.16653	0.12766	0.216	3.84E-04	1.6E-05	2.5E-07	2.4E-07	4.00E-04	4.70E-04	1.97E-05	2.50E-07	1.35E-07	4.90E-04	4.15E-04	1.5E-05	2.4E-07	1.4E-07	0.0004
2617 490560.04, 3858710.04	0.20078	0.18268	0.16609	0.12749	0.21356	3.77E-04	1.6E-05	2.5E-07	2.4E-07	3.94E-04	4.62E-04	1.96E-05	2.50E-07	1.34E-07	4.82E-04	4.08E-04	1.5E-05	2.4E-07	1.4E-07	0.0004
2618 490610.04, 3858710.04	0.19747	0.18188	0.16564	0.12729	0.21095	3.71E-04	1.6E-05	2.5E-07	2.4E-07	3.88E-04	4.55E-04	1.96E-05	2.49E-07	1.32E-07	4.75E-04	4.01E-04	1.5E-05	2.4E-07	1.4E-07	0.0004
2619 490660.04, 3858710.04	0.1946	0.18082	0.16487	0.12692	0.20921	3.66E-04	1.6E-05	2.5E-07	2.3E-07	3.82E-04	4.48E-04	1.94E-05	2.49E-07	1.31E-07	4.68E-04	3.95E-04	1.5E-05	2.4E-07	1.4E-07	0.0004
2620 490710.04, 3858710.04	0.1913	0.18012	0.1645	0.12671	0.20597	3.59E-04	1.6E-05	2.5E-07	2.3E-07	3.76E-04	4.41E-04	1.94E-05	2.48E-07	1.29E-07	4.60E-04	3.88E-04	1.5E-05	2.4E-07	1.3E-07	0.0004

2621	490760.04, 3858710.04	0.18822	0.17929	0.16395	0.12639	0.20306	3.54E-04	1.6E-05	2.5E-07	2.3E-07	3.70E-04	4.33E-04	1.93E-05	2.48E-07	1.27E-07	4.53E-04	3.82E-04	1.5E-05	2.4E-07	1.3E-07	0.0004
2622	490810.04, 3858710.04	0.18523	0.17842	0.16335	0.12603	0.2001	3.48E-04	1.6E-05	2.5E-07	2.2E-07	3.64E-04	4.27E-04	1.92E-05	2.47E-07	1.25E-07	4.46E-04	3.76E-04	1.5E-05	2.4E-07	1.3E-07	0.0004
2623	490860.04, 3858710.04	0.18207	0.17759	0.1628	0.12568	0.19643	3.42E-04	1.6E-05	2.5E-07	2.2E-07	3.58E-04	4.19E-04	1.91E-05	2.46E-07	1.23E-07	4.39E-04	3.70E-04	1.5E-05	2.4E-07	1.3E-07	0.0004
2624	490360.04, 3858760.04	0.20843	0.17751	0.15984	0.12257	0.21444	3.92E-04	1.6E-05	2.4E-07	2.4E-07	4.08E-04	4.80E-04	1.91E-05	2.40E-07	1.34E-07	4.99E-04	4.23E-04	1.5E-05	2.3E-07	1.4E-07	0.0004
2625	490410.04, 3858760.04	0.20466	0.17724	0.16001	0.12285	0.21193	3.85E-04	1.6E-05	2.4E-07	2.4E-07	4.01E-04	4.71E-04	1.91E-05	2.41E-07	1.33E-07	4.91E-04	4.16E-04	1.5E-05	2.3E-07	1.4E-07	0.0004
2626	490460.04, 3858760.04	0.20093	0.17697	0.16018	0.1231	0.20909	3.78E-04	1.6E-05	2.4E-07	2.3E-07	3.94E-04	4.63E-04	1.90E-05	2.41E-07	1.31E-07	4.82E-04	4.08E-04	1.5E-05	2.3E-07	1.4E-07	0.0004
2627	490510.04, 3858760.04	0.19725	0.17662	0.16027	0.12327	0.20604	3.71E-04	1.5E-05	2.4E-07	2.3E-07	3.87E-04	4.54E-04	1.90E-05	2.41E-07	1.29E-07	4.74E-04	4.00E-04	1.5E-05	2.3E-07	1.3E-07	0.0004
2628	490560.04, 3858760.04	0.19393	0.17597	0.16004	0.12325	0.20352	3.64E-04	1.5E-05	2.4E-07	2.3E-07	3.80E-04	4.47E-04	1.89E-05	2.41E-07	1.27E-07	4.66E-04	3.94E-04	1.5E-05	2.3E-07	1.3E-07	0.0004
2629	490610.04, 3858760.04	0.19064	0.17532	0.15979	0.12318	0.20076	3.58E-04	1.5E-05	2.4E-07	2.2E-07	3.74E-04	4.39E-04	1.88E-05	2.41E-07	1.26E-07	4.58E-04	3.87E-04	1.4E-05	2.3E-07	1.3E-07	0.0004
2630	490660.04, 3858760.04	0.18756	0.17456	0.15941	0.12302	0.19821	3.52E-04	1.5E-05	2.4E-07	2.2E-07	3.68E-04	4.32E-04	1.88E-05	2.41E-07	1.24E-07	4.51E-04	3.81E-04	1.4E-05	2.3E-07	1.3E-07	0.0004
2631	490710.04, 3858760.04	0.18457	0.17378	0.15897	0.12281	0.19559	3.47E-04	1.5E-05	2.4E-07	2.2E-07	3.63E-04	4.25E-04	1.87E-05	2.41E-07	1.22E-07	4.44E-04	3.75E-04	1.4E-05	2.3E-07	1.3E-07	0.0004
2632	490760.04, 3858760.04	0.18148	0.17302	0.15856	0.1226	0.19246	3.41E-04	1.5E-05	2.4E-07	2.2E-07	3.57E-04	4.18E-04	1.86E-05	2.40E-07	1.20E-07	4.37E-04	3.68E-04	1.4E-05	2.3E-07	1.2E-07	0.0004
2633	490810.04, 3858760.04	0.17856	0.17219	0.15804	0.12231	0.18947	3.36E-04	1.5E-05	2.4E-07	2.1E-07	3.51E-04	4.11E-04	1.85E-05	2.40E-07	1.19E-07	4.30E-04	3.63E-04	1.4E-05	2.3E-07	1.2E-07	0.0004
2634	490860.04, 3858760.04	0.17588	0.17129	0.15741	0.12195	0.1868	3.31E-04	1.5E-05	2.4E-07	2.1E-07	3.46E-04	4.05E-04	1.84E-05	2.39E-07	1.17E-07	4.24E-04	3.57E-04	1.4E-05	2.3E-07	1.2E-07	0.0004
2635	490360.04, 3858810.04	0.20053	0.17085	0.15366	0.11805	0.2041	3.77E-04	1.5E-05	2.3E-07	2.3E-07	3.92E-04	4.62E-04	1.84E-05	2.31E-07	1.28E-07	4.81E-04	4.07E-04	1.4E-05	2.2E-07	1.3E-07	0.0004
2636	490410.04, 3858810.04	0.19694	0.17072	0.15396	0.11844	0.20171	3.70E-04	1.5E-05	2.4E-07	2.3E-07	3.86E-04	4.54E-04	1.84E-05	2.32E-07	1.26E-07	4.72E-04	4.00E-04	1.4E-05	2.3E-07	1.3E-07	0.0004
2637	490460.04, 3858810.04	0.19342	0.17049	0.15418	0.11876	0.19911	3.63E-04	1.5E-05	2.4E-07	2.2E-07	3.79E-04	4.45E-04	1.83E-05	2.33E-07	1.25E-07	4.64E-04	3.93E-04	1.4E-05	2.3E-07	1.3E-07	0.0004
2638	490510.04, 3858810.04	0.19025	0.16995	0.15409	0.11888	0.197	3.58E-04	1.5E-05	2.4E-07	2.2E-07	3.73E-04	4.38E-04	1.83E-05	2.33E-07	1.23E-07	4.57E-04	3.86E-04	1.4E-05	2.3E-07	1.3E-07	0.0004
2639	490560.04, 3858810.04	0.18714	0.1694	0.15398	0.11896	0.19468	3.52E-04	1.5E-05	2.4E-07	2.2E-07	3.67E-04	4.31E-04	1.82E-05	2.33E-07	1.22E-07	4.50E-04	3.80E-04	1.4E-05	2.3E-07	1.3E-07	0.0004
2640	490610.04, 3858810.04	0.18383	0.16896	0.15399	0.11906	0.1916	3.45E-04	1.5E-05	2.4E-07	2.1E-07	3.61E-04	4.23E-04	1.82E-05	2.33E-07	1.20E-07	4.42E-04	3.73E-04	1.4E-05	2.3E-07	1.2E-07	0.0004
2641	490660.04, 3858810.04	0.18084	0.16831	0.15375	0.11901	0.189	3.40E-04	1.5E-05	2.4E-07	2.1E-07	3.55E-04	4.16E-04	1.81E-05	2.33E-07	1.18E-07	4.35E-04	3.67E-04	1.4E-05	2.3E-07	1.2E-07	0.0004
2642	490710.04, 3858810.04	0.17783	0.16765	0.1535	0.11893	0.18607	3.34E-04	1.5E-05	2.4E-07	2.1E-07	3.49E-04	4.10E-04	1.80E-05	2.33E-07	1.16E-07	4.28E-04	3.61E-04	1.4E-05	2.3E-07	1.2E-07	0.0004
2643	490760.04, 3858810.04	0.17461	0.167	0.15327	0.11882	0.18233	3.28E-04	1.5E-05	2.4E-07	2E-07	3.43E-04	4.02E-04	1.80E-05	2.33E-07	1.14E-07	4.20E-04	3.55E-04	1.4E-05	2.3E-07	1.2E-07	0.0004
2644	490810.04, 3858810.04	0.17231	0.16609	0.15266	0.11853	0.1806	3.24E-04	1.5E-05	2.4E-07	2E-07	3.39E-04	3.97E-04	1.79E-05	2.32E-07	1.13E-07	4.15E-04	3.50E-04	1.4E-05	2.3E-07	1.2E-07	0.0004
2645	490860.04, 3858810.04	0.16952	0.16528	0.15219	0.11828	0.17746	3.19E-04	1.4E-05	2.3E-07	2E-07	3.33E-04	3.90E-04	1.78E-05	2.32E-07	1.11E-07	4.08E-04	3.44E-04	1.4E-05	2.2E-07	1.1E-07	0.0004
2646	490360.04, 3858860.04	0.19217	0.16466	0.14794	0.11372	0.19379	3.61E-04	1.4E-05	2.3E-07	2.2E-07	3.76E-04	4.43E-04	1.77E-05	2.23E-07	1.21E-07	4.61E-04	3.90E-04	1.4E-05	2.2E-07	1.3E-07	0.0004
2647	490410.04, 3858860.04	0.18919	0.1642	0.1479	0.11398	0.19246	3.56E-04	1.4E-05	2.3E-07	2.2E-07	3.70E-04	4.36E-04	1.77E-05	2.23E-07	1.20E-07	4.54E-04	3.84E-04	1.4E-05	2.2E-07	1.2E-07	0.0004
2648	490460.04, 3858860.04	0.18581	0.16419	0.14831	0.11443	0.18983	3.49E-04	1.4E-05	2.3E-07	2.1E-07	3.64E-04	4.28E-04	1.77E-05	2.24E-07	1.19E-07	4.46E-04	3.77E-04	1.4E-05	2.2E-07	1.2E-07	0.0004
2649	490510.04, 3858860.04	0.18312	0.16357	0.14813	0.11455	0.18846	3.44E-04	1.4E-05	2.3E-07	2.1E-07	3.59E-04	4.22E-04	1.76E-05	2.24E-07	1.18E-07	4.40E-04	3.72E-04	1.4E-05	2.2E-07	1.2E-07	0.0004
2650	490560.04, 3858860.04	0.18007	0.16324	0.14825	0.11479	0.18594	3.38E-04	1.4E-05	2.3E-07	2.1E-07	3.53E-04	4.15E-04	1.75E-05	2.25E-07	1.16E-07	4.33E-04	3.66E-04	1.3E-05	2.2E-07	1.2E-07	0.0004
2651	490610.04, 3858860.04	0.17669	0.163	0.1485	0.11504	0.18243	3.32E-04	1.4E-05	2.3E-07	2E-07	3.47E-04	4.07E-04	1.75E-05	2.25E-07	1.14E-07	4.25E-04	3.59E-04	1.3E-05	2.2E-07	1.2E-07	0.0004
2652	490660.04, 3858860.04	0.17394	0.16239	0.14832	0.11507	0.18006	3.27E-04	1.4E-05	2.3E-07	2E-07	3.42E-04	4.01E-04	1.75E-05	2.25E-07	1.13E-07	4.18E-04	3.53E-04	1.3E-05	2.2E-07	1.2E-07	0.0004
2653	490710.04, 3858860.04	0.17151	0.16165	0.14798	0.11499	0.17817	3.22E-04	1.4E-05	2.3E-07	2E-07	3.37E-04	3.95E-04	1.74E-05	2.25E-07	1.11E-07	4.13E-04	3.48E-04	1.3E-05	2.2E-07	1.2E-07	0.0004
2654	490760.04, 3858860.04	0.16853	0.16105	0.14783	0.11496	0.17474	3.17E-04	1.4E-05	2.3E-07	2E-07	3.31E-04	3.88E-04	1.73E-05	2.25E-07	1.09E-07	4.06E-04	3.42E-04	1.3E-05	2.2E-07	1.1E-07	0.0004
2655	490810.04, 3858860.04	0.16571	0.16033	0.14753	0.11485	0.17147	3.11E-04	1.4E-05	2.3E-07	1.9E-07	3.26E-04	3.82E-04	1.72E-05	2.25E-07	1.07E-07	3.99E-04	3.36E-04	1.3E-05	2.2E-07	1.1E-07	0.0004
2656	490860.04, 3858860.04	0.1629	0.15948	0.14714	0.11468	0.16802	3.06E-04	1.4E-05	2.3E-07	1.9E-07	3.21E-04	3.75E-04	1.71E-05	2.25E-07	1.05E-07	3.93E-04	3.31E-04	1.3E-05	2.2E-07	1.1E-07	0.0003
2657	490360.04, 3858910.04	0.18438	0.1577	0.14156	0.10902	0.18561	3.46E-04	1.4E-05	2.2E-07	2.1E-07	3.61E-04	4.25E-04	1.70E-05	2.14E-07	1.16E-07	4.42E-04	3.74E-04	1.3E-05	2.1E-07	1.2E-07	0.0004
2658	490410.04, 3858910.04	0.18145	0.15774	0.14193	0.10952	0.18391	3.41E-04	1.4E-05	2.2E-07	2.1E-07	3.55E-04	4.18E-04	1.70E-05	2.15E-07	1.15E-07	4.35E-04	3.68E-04	1.3E-05	2.1E-07	1.2E-07	0.0004
2659	490460.04, 3858910.04	0.17854	0.15773	0.14229	0.10999	0.18191	3.36E-04	1.4E-05	2.2E-07	2E-07	3.50E-04	4.11E-04	1.70E-05	2.15E-07	1.14E-07	4.28E-04	3.63E-04	1.3E-05	2.1E-07	1.2E-07	0.0004
2660	490510.04, 3858910.04	0.17561	0.15765	0.14262	0.1104	0.17961	3.30E-04	1.4E-05	2.2E-07	2E-07	3.44E-04	4.04E-04	1.69E-05	2.16E-07	1.12E-07	4.22E-04	3.57E-04	1.3E-05	2.1E-07	1.2E-07	0.0004
2661	490560.04, 3858910.04	0.17265	0.15749	0.14289	0.11075	0.17698	3.24E-04	1.4E-05	2.2E-07	2E-07	3.39E-04	3.98E-04	1.69E-05	2.17E-07	1.11E-07	4.15E-04	3.51E-04	1.3E-05	2.1E-07	1.1E-07	0.0004
2662	490610.04, 3858910.04	0.16972	0.15719	0.14306	0.11101	0.17414	3.19E-04	1.4E-05	2.2E-07	1.9E-07	3.33E-04	3.91E-04	1.69E-05	2.17E-07	1.09E-07	4.08E-04	3.45E-04	1.3E-05	2.1E-07	1.1E-07	0.0004
2663	490660.04, 3858910.04	0.16713	0.15667	0.14299	0.11113	0.17183	3.14E-04	1.4E-05	2.2E-07	1.9E-07	3.28E-04	3.85E-04	1.68E-05	2.18E-07	1.07E-07	4.02E-04	3.39E-04	1.3E-05	2.1E-07	1.1E-07	0.0004
2664	490710.04, 3858910.04	0.16443	0.15613	0.14292	0.11122	0.16898	3.09E-04	1.4E-05	2.2E-07	1.9E-07	3.23E-04	3.79E-04	1.68E-05	2.18E-07	1.06E-07	3.96E-04	3.34E-04	1.3E-05	2.1E-07	1.1E-07	0.0003
2665	490760.04, 3858910.04	0.16153	0.15555	0.14282	0.11127	0.16544	3.04E-04	1.4E-05	2.2E-07	1.8E-07	3.18E-04	3.72E-04	1.67E-05	2.18E-07	1.03E-07	3.89E-04	3.28E-04	1.3E-05	2.1E-07	1.1E-07	0.0003
2666	490810.04, 3858910.04	0.15917	0.15477	0.1425	0.1112	0.16292	2.99E-04	1.4E-05	2.2E-07	1.8E-07	3.13E-04	3.67E-04	1.66E-05	2.18E-07	1.02E-07	3.83E-04	3.23E-04	1.3E-05	2.1E-07	1.1E-07	0.0003
2667	490860.04, 3858910.04	0.15633	0.15391	0.14219	0.11115	0.15914	2.94E-04	1.4E-05	2.2E-07	1.8E-07	3.08E-04	3.60E-04	1.65E-05	2.18E-07	9.95E-08	3.77E-04	3.17E-04	1.3E-05	2.1E-07	1E-07	0.0003
2668	490360.04, 3858960.04	0.17615	0.15137	0.13588	0.10468	0.17686	3.31E-04	1.3E-05	2.1E-07	2E-07	3.45E-04	4.06E-04	1.63E-05	2.05E-07	1.11E-07	4.22E-04	3.58E-04	1.3E-05	2E-07	1.1E-07	0.0004
2669	490410.04, 3858960.04	0.17338	0.15172	0.13646	0.1053	0.17505	3.26E-04	1.3E-05	2.1E-07	2E-07	3.40E-04	3.99E-04	1.63E-05	2.06E-07	1.09E-07	4.16E-04	3.52E-04	1.3E-05	2E-07	1.1E-07	0.0004
2670	490460.04, 3858960.04	0.17056	0.15197	0.13701	0.10589	0.17287	3.21E-04	1.3E-05	2.1E-07	1.9E-07	3.34E-04	3.93E-04	1.63E-05	2.07E-07	1.08E-07	4.09E-04	3.46E-04	1.3E-05	2E-07	1.1E-07	0.0004
2671	490510.04, 3858960.04	0.16791	0.15196	0.13736	0.10634	0.17081	3.16E-04	1.3E-05	2.1E-07	1.9E-07	3.29E-04	3.87E-04	1.63E-05	2.08E-07	1.07E-07	4.03E-04	3.41E-04	1.3E-05	2E-07	1.1E-07	0.0004
2672	490560.04, 3858960.04	0.16532	0.15181	0.13761	0.10671	0.16862	3.11E-04	1.3E-05	2.1E-07	1.9E-07	3.24E-04	3.81E-04	1.63E-05	2.09E-07	1.05E-07	3.97E-04	3.36E-04	1.3E-05	2E-07	1.1E-07	0.0003
2673	490610.04, 3858960.04	0.16239	0.15167	0.13792	0.10708	0.16549	3.05E-04	1.3E-05	2.1E-07	1.8E-07	3.19E-04	3.74E-04	1.63E-05	2.10E-07	1.04E-07	3.91E-04	3.30E-04	1.3E-05	2E-07	1.1E-07	0.0003
2674	490660.04, 3858960.04	0.1604	0.15113	0.13779	0.10724	0.1641	3.01E-04	1.3E-05	2.1E-07	1.8E-07	3.15E-04	3.69E-04	1.62E-05	2.10E-07	1.03E-07	3.86E-04	3.26E-04	1.2E-05	2E-07	1.1E-07	0.0003
2675	490710.04, 3858960.04	0.15763	0.15073	0.13788	0.10744	0.16076	2.96E-04	1.3E-05	2.1E-07	1.8E-07	3.10E-04	3.63E-04	1.62E-05	2.10E-07	1.01E-07	3.80E-04	3.20E-04	1.2E-05	2E-07	1E-07	0.0003
2676	490760.04, 3858960.04	0.15508	0.15016	0.13779	0.10755	0.15775	2.91E-04	1.3E-05	2.1E-07	1.8E-07	3.05E-04	3.57E-04	1.61E-05	2.11E-07	9.87E-08	3.74E-04	3.15E-04	1.2E-05	2E-07	1E-07	0.0003
2677	490810.04, 3858960.04	0.15256	0.14941	0.13761	0.1076	0.15458	2.87E-04	1.3E-05	2.1E-07	1.7E-07	3.00E-04	3.51E-04	1.61E-05	2.11E-07	9.67E-08	3.68E-04	3.10E-04	1.2E-05	2E-07	1E-07	0.0003
2678	490860.04, 3858960.04	0.14979	0.14859	0.13734	0.10762	0.15065	2.81E-04	1.3E-05	2.1E-07	1.7E-07	2.95E-04	3.45E-04	1.60E-05	2.11E-07	9.42E-08	3.61E-04	3.04E-04	1.2E-05	2E-07	9.7E-08	0.0003
2679	490360.04, 3859010.04	0.16798	0.14504	0.13034	0.10045	0.16854	3.16E-04	1.3E-05	2E-07	1.9E-07	3.29E-04	3.87E-04	1.56E-05	1.97E-07	1.05E-07	4.03E-04	3.41E-04	1.2E-05	1.9E-07	1.1E-07	0.0004
2680	490410.04, 3859010.04	0.16539	0.14566	0.13108	0.10115	0.16671	3.11E-04	1.3E-05	2E-07	1.9E-07	3.24E-04	3.81E-04	1.57E-05	1.98E-07	1.04E-07	3.97E-04	3.36E-04	1.2E-05	1.9E-07	1.1E-07	0.0003
2681	490460.04, 3859010.04	0.16256	0.14621	0.13186	0.10184	0.16417	3.05E-04	1.3E-05	2E-07	1.8E-07	3.19E-04	3.74E-04	1.57E-05	1.99E-07	1.03E-07	3.90E-04	3.30E-04	1.2E-05	1.9E-07	1.1E-07	0.0003
2682	490510.04, 3859010.04	0.15977	0.14649	0.13243	0.10241	0.16148	3.00E-04	1.3E-05	2E-07	1.8E-07	3.13E-04	3.68E-04	1.57E-05	2.01E-07	1.01E-07	3.84E-04	3.24E-04	1.2E-05	1.9E-07	1E-07	0.0003
2683	490560.04, 3859010.04	0.15776	0.14632	0.13257	0.10277	0.1601	2.96E-04	1.3E-05	2E-07	1.8E-07	3.10E-04	3.63E-04	1.57E-05	2.01E-07	1.00E-07	3.79E-04	3.20E-04	1.2E-05	2E-07	1E-07	0.0003
2684	490610.04, 3859010.04	0.15509	0.14624	0.1329	0.10321	0.15717	2.91E-04	1.3E-05	2E-07	1.8E-07	3.05E-04	3.57E-04	1.57E-05	2.02E-07	9.83E-08	3.73E-04	3.15E-04	1.2E-05	2E-07	1E-07	0.0003

2685	490660.04, 3859010.04	0.15339	0.14582	0.13284	0.10343	0.15602	2.88E-04	1.3E-05	2.1E-07	1.7E-07	3.01E-04	3.53E-04	1.57E-05	2.03E-07	9.76E-08	3.69E-04	3.11E-04	1.2E-05	2E-07	1E-07	0.0003
2686	490710.04, 3859010.04	0.15074	0.14549	0.13299	0.10371	0.15265	2.83E-04	1.3E-05	2.1E-07	1.7E-07	2.96E-04	3.47E-04	1.56E-05	2.03E-07	9.55E-08	3.63E-04	3.06E-04	1.2E-05	2E-07	9.9E-08	0.0003
2687	490760.04, 3859010.04	0.14828	0.14491	0.13296	0.1039	0.14952	2.79E-04	1.3E-05	2.1E-07	1.7E-07	2.92E-04	3.41E-04	1.56E-05	2.04E-07	9.35E-08	3.57E-04	3.01E-04	1.2E-05	2E-07	9.7E-08	0.0003
2688	490810.04, 3859010.04	0.14582	0.14423	0.13283	0.10404	0.14619	2.74E-04	1.3E-05	2.1E-07	1.6E-07	2.87E-04	3.36E-04	1.55E-05	2.04E-07	9.14E-08	3.52E-04	2.96E-04	1.2E-05	2E-07	9.4E-08	0.0003
2689	490860.04, 3859010.04	0.14354	0.14349	0.13253	0.10413	0.1431	2.70E-04	1.3E-05	2.1E-07	1.6E-07	2.83E-04	3.31E-04	1.54E-05	2.04E-07	8.95E-08	3.46E-04	2.91E-04	1.2E-05	2E-07	9.2E-08	0.0003
2690	490360.04, 3859060.04	0.15978	0.13885	0.12504	0.09642	0.16035	3.00E-04	1.2E-05	1.9E-07	1.8E-07	3.13E-04	3.68E-04	1.49E-05	1.89E-07	1.00E-07	3.83E-04	3.24E-04	1.1E-05	1.8E-07	1E-07	0.0003
2691	490410.04, 3859060.04	0.15707	0.13986	0.1261	0.09723	0.15793	2.95E-04	1.2E-05	1.9E-07	1.8E-07	3.08E-04	3.62E-04	1.50E-05	1.90E-07	9.88E-08	3.77E-04	3.19E-04	1.2E-05	1.8E-07	1E-07	0.0003
2692	490460.04, 3859060.04	0.15463	0.14042	0.12678	0.09786	0.15584	2.91E-04	1.2E-05	1.9E-07	1.7E-07	3.03E-04	3.56E-04	1.51E-05	1.92E-07	9.75E-08	3.71E-04	3.14E-04	1.2E-05	1.9E-07	1E-07	0.0003
2693	490510.04, 3859060.04	0.1524	0.14072	0.12727	0.0984	0.15386	2.86E-04	1.2E-05	2E-07	1.7E-07	2.99E-04	3.51E-04	1.51E-05	1.93E-07	9.62E-08	3.66E-04	3.09E-04	1.2E-05	1.9E-07	9.9E-08	0.0003
2694	490560.04, 3859060.04	0.14989	0.14092	0.12775	0.09896	0.15115	2.82E-04	1.2E-05	2E-07	1.7E-07	2.94E-04	3.45E-04	1.51E-05	1.94E-07	9.45E-08	3.61E-04	3.04E-04	1.2E-05	1.9E-07	9.8E-08	0.0003
2695	490610.04, 3859060.04	0.14801	0.14082	0.12794	0.09935	0.14941	2.78E-04	1.2E-05	2E-07	1.7E-07	2.91E-04	3.41E-04	1.51E-05	1.95E-07	9.34E-08	3.56E-04	3.01E-04	1.2E-05	1.9E-07	9.7E-08	0.0003
2696	490660.04, 3859060.04	0.14621	0.1406	0.12805	0.09969	0.14773	2.75E-04	1.2E-05	2E-07	1.7E-07	2.87E-04	3.37E-04	1.51E-05	1.95E-07	9.24E-08	3.52E-04	2.97E-04	1.2E-05	1.9E-07	9.5E-08	0.0003
2697	490710.04, 3859060.04	0.14372	0.14028	0.12822	0.10003	0.1444	2.70E-04	1.2E-05	2E-07	1.6E-07	2.83E-04	3.31E-04	1.51E-05	1.96E-07	9.03E-08	3.46E-04	2.92E-04	1.2E-05	1.9E-07	9.3E-08	0.0003
2698	490760.04, 3859060.04	0.14141	0.13977	0.12823	0.10028	0.1413	2.66E-04	1.2E-05	2E-07	1.6E-07	2.78E-04	3.26E-04	1.50E-05	1.96E-07	8.84E-08	3.41E-04	2.87E-04	1.2E-05	1.9E-07	9.1E-08	0.0003
2699	490810.04, 3859060.04	0.13908	0.13917	0.12809	0.1005	0.13794	2.61E-04	1.2E-05	2E-07	1.5E-07	2.74E-04	3.20E-04	1.50E-05	1.97E-07	8.63E-08	3.36E-04	2.82E-04	1.2E-05	1.9E-07	8.9E-08	0.0003
2700	490860.04, 3859060.04	0.13696	0.13744	0.12781	0.10065	0.13487	2.57E-04	1.2E-05	2E-07	1.5E-07	2.70E-04	3.15E-04	1.48E-05	1.97E-07	8.44E-08	3.30E-04	2.78E-04	1.1E-05	1.9E-07	8.7E-08	0.0003
2701	490360.04, 3859110.04	0.15199	0.13247	0.11966	0.09249	0.15299	2.86E-04	1.2E-05	1.8E-07	1.7E-07	2.98E-04	3.50E-04	1.42E-05	1.81E-07	9.57E-08	3.65E-04	3.09E-04	1.1E-05	1.8E-07	9.9E-08	0.0003
2702	490410.04, 3859110.04	0.1496	0.13362	0.12077	0.09328	0.15085	2.81E-04	1.2E-05	1.9E-07	1.7E-07	2.93E-04	3.45E-04	1.44E-05	1.83E-07	9.43E-08	3.59E-04	3.04E-04	1.1E-05	1.8E-07	9.7E-08	0.0003
2703	490460.04, 3859110.04	0.14765	0.13427	0.12143	0.09386	0.14936	2.77E-04	1.2E-05	1.9E-07	1.7E-07	2.90E-04	3.40E-04	1.44E-05	1.84E-07	9.34E-08	3.55E-04	3.00E-04	1.1E-05	1.8E-07	9.6E-08	0.0003
2704	490510.04, 3859110.04	0.14478	0.13504	0.12234	0.09458	0.14587	2.72E-04	1.2E-05	1.9E-07	1.6E-07	2.84E-04	3.33E-04	1.45E-05	1.85E-07	9.12E-08	3.48E-04	2.94E-04	1.1E-05	1.8E-07	9.4E-08	0.0003
2705	490560.04, 3859110.04	0.14274	0.13533	0.1228	0.09512	0.14368	2.68E-04	1.2E-05	1.9E-07	1.6E-07	2.80E-04	3.29E-04	1.45E-05	1.86E-07	8.99E-08	3.44E-04	2.90E-04	1.1E-05	1.8E-07	9.3E-08	0.0003
2706	490610.04, 3859110.04	0.14055	0.13546	0.12318	0.09561	0.14101	2.64E-04	1.2E-05	1.9E-07	1.6E-07	2.76E-04	3.24E-04	1.46E-05	1.87E-07	8.82E-08	3.38E-04	2.85E-04	1.1E-05	1.8E-07	9.1E-08	0.0003
2707	490660.04, 3859110.04	0.13815	0.13532	0.12347	0.09605	0.13772	2.60E-04	1.2E-05	1.9E-07	1.5E-07	2.72E-04	3.18E-04	1.45E-05	1.88E-07	8.61E-08	3.33E-04	2.80E-04	1.1E-05	1.8E-07	8.9E-08	0.0003
2708	490710.04, 3859110.04	0.1365	0.13506	0.12355	0.09637	0.13585	2.57E-04	1.2E-05	1.9E-07	1.5E-07	2.69E-04	3.14E-04	1.45E-05	1.89E-07	8.50E-08	3.29E-04	2.77E-04	1.1E-05	1.8E-07	8.8E-08	0.0003
2709	490760.04, 3859110.04	0.13452	0.13468	0.12354	0.09669	0.13311	2.53E-04	1.2E-05	1.9E-07	1.5E-07	2.65E-04	3.10E-04	1.45E-05	1.89E-07	8.33E-08	3.25E-04	2.73E-04	1.1E-05	1.8E-07	8.6E-08	0.0003
2710	490810.04, 3859110.04	0.13225	0.1334	0.12339	0.09696	0.12955	2.49E-04	1.2E-05	1.9E-07	1.4E-07	2.61E-04	3.05E-04	1.43E-05	1.90E-07	8.10E-08	3.19E-04	2.69E-04	1.1E-05	1.8E-07	8.4E-08	0.0003
2711	490860.04, 3859110.04	0.13004	0.13238	0.12316	0.09721	0.12599	2.44E-04	1.2E-05	1.9E-07	1.4E-07	2.56E-04	2.99E-04	1.42E-05	1.90E-07	7.88E-08	3.14E-04	2.64E-04	1.1E-05	1.8E-07	8.1E-08	0.0003
2712	490360.04, 3859160.04	0.14454	0.1261	0.11434	0.08875	0.14611	2.72E-04	1.1E-05	1.8E-07	1.6E-07	2.83E-04	3.33E-04	1.36E-05	1.74E-07	9.14E-08	3.47E-04	2.93E-04	1E-05	1.7E-07	9.4E-08	0.0003
2713	490410.04, 3859160.04	0.14255	0.12734	0.11546	0.08948	0.14444	2.68E-04	1.1E-05	1.8E-07	1.6E-07	2.79E-04	3.28E-04	1.37E-05	1.75E-07	9.03E-08	3.42E-04	2.89E-04	1.1E-05	1.7E-07	9.3E-08	0.0003
2714	490460.04, 3859160.04	0.14062	0.12828	0.11634	0.09011	0.1427	2.64E-04	1.1E-05	1.8E-07	1.6E-07	2.76E-04	3.24E-04	1.38E-05	1.77E-07	8.93E-08	3.38E-04	2.86E-04	1.1E-05	1.7E-07	9.2E-08	0.0003
2715	490510.04, 3859160.04	0.13859	0.12904	0.11711	0.09072	0.14056	2.60E-04	1.1E-05	1.8E-07	1.6E-07	2.72E-04	3.19E-04	1.39E-05	1.78E-07	8.79E-08	3.33E-04	2.81E-04	1.1E-05	1.7E-07	9.1E-08	0.0003
2716	490560.04, 3859160.04	0.13621	0.12965	0.11783	0.09135	0.13746	2.56E-04	1.1E-05	1.8E-07	1.5E-07	2.68E-04	3.14E-04	1.39E-05	1.79E-07	8.60E-08	3.28E-04	2.77E-04	1.1E-05	1.7E-07	8.9E-08	0.0003
2717	490610.04, 3859160.04	0.13445	0.12993	0.11825	0.09183	0.1354	2.53E-04	1.1E-05	1.8E-07	1.5E-07	2.64E-04	3.10E-04	1.40E-05	1.80E-07	8.47E-08	3.24E-04	2.73E-04	1.1E-05	1.7E-07	8.7E-08	0.0003
2718	490660.04, 3859160.04	0.13119	0.12996	0.11875	0.09234	0.13005	2.47E-04	1.1E-05	1.8E-07	1.5E-07	2.58E-04	3.02E-04	1.40E-05	1.81E-07	8.13E-08	3.16E-04	2.66E-04	1.1E-05	1.8E-07	8.4E-08	0.0003
2719	490710.04, 3859160.04	0.12962	0.12985	0.11886	0.09273	0.12802	2.44E-04	1.1E-05	1.8E-07	1.4E-07	2.55E-04	2.98E-04	1.40E-05	1.82E-07	8.01E-08	3.13E-04	2.63E-04	1.1E-05	1.8E-07	8.3E-08	0.0003
2720	490760.04, 3859160.04	0.12708	0.12895	0.11883	0.09312	0.1237	2.39E-04	1.1E-05	1.8E-07	1.4E-07	2.50E-04	2.93E-04	1.39E-05	1.82E-07	7.74E-08	3.07E-04	2.58E-04	1.1E-05	1.8E-07	8E-08	0.0003
2721	490810.04, 3859160.04	0.12554	0.12839	0.11876	0.09346	0.12143	2.36E-04	1.1E-05	1.9E-07	1.4E-07	2.47E-04	2.89E-04	1.38E-05	1.83E-07	7.59E-08	3.03E-04	2.55E-04	1.1E-05	1.8E-07	7.8E-08	0.0003
2722	490860.04, 3859160.04	0.12384	0.1276	0.11773	0.09372	0.11879	2.33E-04	1.1E-05	1.9E-07	1.3E-07	2.44E-04	2.85E-04	1.37E-05	1.84E-07	7.43E-08	2.99E-04	2.51E-04	1.1E-05	1.8E-07	7.7E-08	0.0003
2723	490360.04, 3859210.04	0.13737	0.11995	0.10925	0.08531	0.13941	2.58E-04	1.1E-05	1.7E-07	1.6E-07	2.69E-04	3.16E-04	1.29E-05	1.67E-07	8.72E-08	3.29E-04	2.79E-04	9.9E-06	1.6E-07	9E-08	0.0003
2724	490410.04, 3859210.04	0.13615	0.12092	0.11003	0.0858	0.13898	2.56E-04	1.1E-05	1.7E-07	1.6E-07	2.67E-04	3.14E-04	1.30E-05	1.68E-07	8.69E-08	3.27E-04	2.76E-04	1E-05	1.6E-07	9E-08	0.0003
2725	490460.04, 3859210.04	0.13391	0.12234	0.11135	0.08656	0.13645	2.52E-04	1.1E-05	1.7E-07	1.5E-07	2.63E-04	3.08E-04	1.32E-05	1.70E-07	8.53E-08	3.22E-04	2.72E-04	1E-05	1.6E-07	8.8E-08	0.0003
2726	490510.04, 3859210.04	0.13203	0.12327	0.11222	0.08715	0.13436	2.48E-04	1.1E-05	1.7E-07	1.5E-07	2.59E-04	3.04E-04	1.33E-05	1.71E-07	8.40E-08	3.18E-04	2.68E-04	1E-05	1.7E-07	8.7E-08	0.0003
2727	490560.04, 3859210.04	0.13057	0.12388	0.1128	0.08766	0.1329	2.45E-04	1.1E-05	1.7E-07	1.5E-07	2.57E-04	3.01E-04	1.33E-05	1.72E-07	8.31E-08	3.14E-04	2.65E-04	1E-05	1.7E-07	8.6E-08	0.0003
2728	490610.04, 3859210.04	0.12869	0.12441	0.11341	0.08819	0.13034	2.42E-04	1.1E-05	1.8E-07	1.5E-07	2.53E-04	2.96E-04	1.34E-05	1.73E-07	8.15E-08	3.10E-04	2.61E-04	1E-05	1.7E-07	8.4E-08	0.0003
2729	490660.04, 3859210.04	0.12594	0.12466	0.11397	0.08869	0.12587	2.37E-04	1.1E-05	1.8E-07	1.4E-07	2.48E-04	2.90E-04	1.34E-05	1.74E-07	7.87E-08	3.04E-04	2.56E-04	1E-05	1.7E-07	8.1E-08	0.0003
2730	490710.04, 3859210.04	0.12417	0.12473	0.11423	0.0891	0.1234	2.33E-04	1.1E-05	1.8E-07	1.4E-07	2.45E-04	2.86E-04	1.34E-05	1.75E-07	7.72E-08	3.00E-04	2.52E-04	1E-05	1.7E-07	8E-08	0.0003
2731	490760.04, 3859210.04	0.12178	0.12411	0.11429	0.08955	0.11895	2.29E-04	1.1E-05	1.8E-07	1.3E-07	2.40E-04	2.80E-04	1.33E-05	1.75E-07	7.44E-08	2.94E-04	2.47E-04	1E-05	1.7E-07	7.7E-08	0.0003
2732	490810.04, 3859210.04	0.12116	0.12398	0.11437	0.08991	0.11851	2.28E-04	1.1E-05	1.8E-07	1.3E-07	2.39E-04	2.79E-04	1.33E-05	1.76E-07	7.41E-08	2.93E-04	2.46E-04	1E-05	1.7E-07	7.7E-08	0.0003
2733	490860.04, 3859210.04	0.12043	0.12373	0.11439	0.09024	0.11783	2.26E-04	1.1E-05	1.8E-07	1.3E-07	2.37E-04	2.77E-04	1.33E-05	1.77E-07	7.37E-08	2.91E-04	2.45E-04	1E-05	1.7E-07	7.6E-08	0.0003
2734	490360.04, 3859260.04	0.13046	0.11426	0.10457	0.08224	0.13261	2.45E-04	1E-05	1.6E-07	1.5E-07	2.55E-04	3.00E-04	1.23E-05	1.61E-07	8.29E-08	3.13E-04	2.65E-04	9.4E-06	1.6E-07	8.6E-08	0.0003
2735	490410.04, 3859260.04	0.12929	0.11534	0.10545	0.08269	0.13209	2.43E-04	1E-05	1.6E-07	1.5E-07	2.53E-04	2.98E-04	1.24E-05	1.62E-07	8.26E-08	3.10E-04	2.63E-04	9.5E-06	1.6E-07	8.5E-08	0.0003
2736	490460.04, 3859260.04	0.12824	0.11624	0.10618	0.08311	0.13169	2.41E-04	1E-05	1.6E-07	1.5E-07	2.51E-04	2.95E-04	1.25E-05	1.63E-07	8.24E-08	3.08E-04	2.60E-04	9.6E-06	1.6E-07	8.5E-08	0.0003
2737	490510.04, 3859260.04	0.12714	0.11706	0.10684	0.08354	0.1311	2.39E-04	1E-05	1.7E-07	1.5E-07	2.50E-04	2.93E-04	1.26E-05	1.64E-07	8.20E-08	3.06E-04	2.58E-04	9.7E-06	1.6E-07	8.5E-08	0.0003
2738	490560.04, 3859260.04	0.12563	0.11802	0.10773	0.08409	0.12937	2.36E-04	1E-05	1.7E-07	1.4E-07	2.47E-04	2.89E-04	1.27E-05	1.65E-07	8.09E-08	3.02E-04	2.55E-04	9.8E-06	1.6E-07	8.4E-08	0.0003
2739	490610.04, 3859260.04	0.1235	0.11889	0.10862	0.0847	0.12619	2.32E-04	1E-05	1.7E-07	1.4E-07	2.43E-04	2.84E-04	1.28E-05	1.66E-07	7.89E-08	2.97E-04	2.51E-04	9.8E-06	1.6E-07	8.2E-08	0.0003
2740	490660.04, 3859260.04	0.12279	0.1193	0.10898	0.0851	0.12583	2.31E-04	1E-05	1.7E-07	1.4E-07	2.42E-04	2.83E-04	1.28E-05	1.67E-07	7.87E-08	2.96E-04	2.49E-04	9.9E-06	1.6E-07	8.1E-08	0.0003
2741	490710.04, 3859260.04	0.12141	0.11967	0.1094	0.08554	0.12415	2.28E-04	1E-05	1.7E-07	1.4E-07	2.39E-04	2.80E-04	1.29E-05	1.68E-07	7.76E-08	2.93E-04	2.47E-04	9.9E-06	1.6E-07	8E-08	0.0003
2742	490760.04, 3859260.04	0.11916	0.11983	0.1099	0.08601	0.11999	2.24E-04	1.1E-05	1.7E-07	1.3E-07	2.35E-04	2.74E-04	1.29E-05	1.68E-07	7.50E-08	2.88E-04	2.42E-04	9.9E-06	1.6E-07	7.8E-08	0.0003
2743	490810.04, 3859260.04	0.11833	0.11991	0.11009	0.08639	0.11902	2.22E-04	1.1E-05	1.7E-07	1.3E-07	2.33E-04	2.72E-04	1.29E-05	1.69E-07	7.44E-08	2.86E-04	2.40E-04	9.9E-06	1.6E-07	7.7E-08	0.0003
2744	490860.04, 3859260.04	0.11747	0.11991	0.11022	0.08677	0.11796	2.21E-04	1.1E-05	1.7E-07	1.3E-07	2.32E-04	2.71E-04	1.29E-05	1.70E-07	7.38E-08	2.84E-04	2.39E-04	9.9E-06	1.7E-07	7.6E-08	0.0002
2745	490360.04, 3859310.04	0.12438	0.10849	0.09973	0.07923	0.12685	2.34E-04	9.5E-06	1.6E-07	1.4E-07	2.44E-04	2.86E-04	1.17E-05	1.55E-07	7.93E-08	2.98E-04	2.53E-04	9E-06	1.5E-07	8.2E-08	0.0003
2746	490410.04, 3859310.04	0.12344	0.10958	0.10062	0.07962	0.12658	2.32E-04	9.6E-06	1.6E-07	1.4E-07	2.42E-04	2.84E-04	1.18E-05	1.56E-07	7.92E-08	2.96E-04	2.51E-04	9.1E-06	1.5E-07	8.2E-08	0.0003
2747	490460.04, 3859310.04	0.12252	0.11056	0.10141	0.08	0.12628	2.30E-04	9.7E-06	1.6E-07	1.4E-07	2.40E-04	2.82E-04	1.19E-05	1.57E-07	7.90E-08	2.94E-04	2.49E-04	9.1E-06	1.5E-07	8.2E-08	0.0003
2748	490510.04, 3859310.04	0.12173	0.11137	0.10205	0.08035	0.12614	2.29E-04	9.8E-06	1.6E-07	1.4E-07	2.39E-04	2.80E-04	1.20E-05	1.57E-07	7.89E-08	2.93E-04	2.47E-04	9.2E-06	1.5E-07	8.1E-08	0.0003

2749	490560.04, 3859310.04	0.12085	0.1122	0.10273	0.08075	0.12571	2.27E-04	9.8E-06	1.6E-07	1.4E-07	2.37E-04	2.78E-04	1.21E-05	1.58E-07	7.86E-08	2.91E-04	2.45E-04	9.3E-06	1.5E-07	8.1E-08	0.0003
2750	490610.04, 3859310.04	0.12007	0.11291	0.1033	0.08114	0.12533	2.26E-04	9.9E-06	1.6E-07	1.4E-07	2.36E-04	2.76E-04	1.21E-05	1.59E-07	7.84E-08	2.89E-04	2.44E-04	9.3E-06	1.5E-07	8.1E-08	0.0003
2751	490660.04, 3859310.04	0.11904	0.11365	0.10396	0.0816	0.1243	2.24E-04	1E-05	1.6E-07	1.4E-07	2.34E-04	2.74E-04	1.22E-05	1.60E-07	7.77E-08	2.87E-04	2.42E-04	9.4E-06	1.6E-07	8E-08	0.0003
2752	490710.04, 3859310.04	0.1172	0.11447	0.10482	0.08219	0.12129	2.20E-04	1E-05	1.6E-07	1.4E-07	2.31E-04	2.70E-04	1.23E-05	1.61E-07	7.59E-08	2.82E-04	2.38E-04	9.5E-06	1.6E-07	7.8E-08	0.0002
2753	490760.04, 3859310.04	0.11597	0.11493	0.10531	0.08263	0.1195	2.18E-04	1E-05	1.6E-07	1.3E-07	2.28E-04	2.67E-04	1.24E-05	1.62E-07	7.47E-08	2.80E-04	2.35E-04	9.5E-06	1.6E-07	7.7E-08	0.0002
2754	490810.04, 3859310.04	0.11518	0.11519	0.10565	0.08303	0.11858	2.16E-04	1E-05	1.6E-07	1.3E-07	2.27E-04	2.65E-04	1.24E-05	1.63E-07	7.42E-08	2.78E-04	2.34E-04	9.5E-06	1.6E-07	7.7E-08	0.0002
2755	490860.04, 3859310.04	0.11399	0.11535	0.10598	0.08344	0.11668	2.14E-04	1E-05	1.7E-07	1.3E-07	2.25E-04	2.62E-04	1.24E-05	1.63E-07	7.30E-08	2.75E-04	2.31E-04	9.5E-06	1.6E-07	7.5E-08	0.0002
2756	490360.04, 3859360.04	0.11867	0.10308	0.09514	0.07644	0.12135	2.23E-04	9E-06	1.5E-07	1.4E-07	2.32E-04	2.73E-04	1.11E-05	1.50E-07	7.59E-08	2.85E-04	2.41E-04	8.5E-06	1.5E-07	7.8E-08	0.0002
2757	490410.04, 3859360.04	0.11805	0.10394	0.09582	0.07668	0.12153	2.22E-04	9.1E-06	1.5E-07	1.4E-07	2.31E-04	2.72E-04	1.12E-05	1.50E-07	7.60E-08	2.83E-04	2.40E-04	8.6E-06	1.5E-07	7.9E-08	0.0002
2758	490460.04, 3859360.04	0.11745	0.10477	0.09647	0.07693	0.12172	2.21E-04	9.2E-06	1.5E-07	1.4E-07	2.30E-04	2.70E-04	1.13E-05	1.51E-07	7.61E-08	2.82E-04	2.38E-04	8.7E-06	1.5E-07	7.9E-08	0.0002
2759	490510.04, 3859360.04	0.11682	0.10563	0.09715	0.07723	0.1218	2.20E-04	9.3E-06	1.5E-07	1.4E-07	2.29E-04	2.69E-04	1.14E-05	1.51E-07	7.62E-08	2.81E-04	2.37E-04	8.7E-06	1.5E-07	7.9E-08	0.0002
2760	490560.04, 3859360.04	0.11602	0.10664	0.09799	0.07766	0.12138	2.18E-04	9.4E-06	1.5E-07	1.4E-07	2.28E-04	2.67E-04	1.15E-05	1.52E-07	7.59E-08	2.79E-04	2.36E-04	8.8E-06	1.5E-07	7.8E-08	0.0002
2761	490610.04, 3859360.04	0.11519	0.10756	0.09876	0.07807	0.12083	2.16E-04	9.4E-06	1.5E-07	1.4E-07	2.26E-04	2.65E-04	1.16E-05	1.53E-07	7.56E-08	2.77E-04	2.34E-04	8.9E-06	1.5E-07	7.8E-08	0.0002
2762	490660.04, 3859360.04	0.11442	0.10833	0.09941	0.07847	0.12033	2.15E-04	9.5E-06	1.6E-07	1.3E-07	2.25E-04	2.63E-04	1.16E-05	1.54E-07	7.53E-08	2.75E-04	2.32E-04	9E-06	1.5E-07	7.8E-08	0.0002
2763	490710.04, 3859360.04	0.11334	0.10917	0.10016	0.07894	0.119	2.13E-04	9.6E-06	1.6E-07	1.3E-07	2.23E-04	2.61E-04	1.17E-05	1.55E-07	7.44E-08	2.73E-04	2.30E-04	9E-06	1.5E-07	7.7E-08	0.0002
2764	490760.04, 3859360.04	0.11212	0.10988	0.10085	0.07943	0.11717	2.11E-04	9.6E-06	1.6E-07	1.3E-07	2.21E-04	2.58E-04	1.18E-05	1.56E-07	7.33E-08	2.70E-04	2.28E-04	9.1E-06	1.5E-07	7.6E-08	0.0002
2765	490810.04, 3859360.04	0.1117	0.11029	0.1012	0.07978	0.11708	2.10E-04	9.7E-06	1.6E-07	1.3E-07	2.20E-04	2.57E-04	1.19E-05	1.56E-07	7.32E-08	2.69E-04	2.27E-04	9.1E-06	1.5E-07	7.6E-08	0.0002
2766	490860.04, 3859360.04	0.11084	0.1107	0.10164	0.0802	0.11588	2.08E-04	9.7E-06	1.6E-07	1.3E-07	2.18E-04	2.55E-04	1.19E-05	1.57E-07	7.25E-08	2.67E-04	2.25E-04	9.2E-06	1.5E-07	7.5E-08	0.0002
2767	490360.04, 3859410.04	0.11322	0.09809	0.09087	0.07387	0.11616	2.13E-04	8.6E-06	1.5E-07	1.3E-07	2.22E-04	2.61E-04	1.05E-05	1.45E-07	7.27E-08	2.71E-04	2.30E-04	8.1E-06	1.4E-07	7.5E-08	0.0002
2768	490410.04, 3859410.04	0.11278	0.09879	0.09143	0.07401	0.11643	2.12E-04	8.7E-06	1.5E-07	1.3E-07	2.21E-04	2.60E-04	1.06E-05	1.45E-07	7.28E-08	2.71E-04	2.29E-04	8.2E-06	1.4E-07	7.5E-08	0.0002
2769	490460.04, 3859410.04	0.11233	0.09956	0.09204	0.0742	0.11669	2.11E-04	8.7E-06	1.5E-07	1.3E-07	2.20E-04	2.59E-04	1.07E-05	1.45E-07	7.30E-08	2.70E-04	2.28E-04	8.2E-06	1.4E-07	7.5E-08	0.0002
2770	490510.04, 3859410.04	0.11185	0.10038	0.0927	0.07445	0.11689	2.10E-04	8.8E-06	1.5E-07	1.3E-07	2.19E-04	2.58E-04	1.08E-05	1.46E-07	7.31E-08	2.69E-04	2.27E-04	8.3E-06	1.4E-07	7.6E-08	0.0002
2771	490560.04, 3859410.04	0.11135	0.10122	0.09336	0.07473	0.11702	2.09E-04	8.9E-06	1.5E-07	1.3E-07	2.18E-04	2.56E-04	1.09E-05	1.46E-07	7.32E-08	2.68E-04	2.26E-04	8.4E-06	1.4E-07	7.6E-08	0.0002
2772	490610.04, 3859410.04	0.11083	0.10207	0.09405	0.07505	0.11704	2.08E-04	9E-06	1.5E-07	1.3E-07	2.18E-04	2.55E-04	1.10E-05	1.47E-07	7.32E-08	2.66E-04	2.25E-04	8.4E-06	1.4E-07	7.6E-08	0.0002
2773	490660.04, 3859410.04	0.11007	0.10308	0.09491	0.0755	0.11644	2.07E-04	9E-06	1.5E-07	1.3E-07	2.16E-04	2.53E-04	1.11E-05	1.48E-07	7.28E-08	2.65E-04	2.23E-04	8.5E-06	1.4E-07	7.5E-08	0.0002
2774	490710.04, 3859410.04	0.10931	0.10394	0.09564	0.07591	0.11584	2.05E-04	9.1E-06	1.5E-07	1.3E-07	2.15E-04	2.52E-04	1.12E-05	1.49E-07	7.25E-08	2.63E-04	2.22E-04	8.6E-06	1.4E-07	7.5E-08	0.0002
2775	490760.04, 3859410.04	0.10831	0.10483	0.09645	0.07637	0.11448	2.04E-04	9.2E-06	1.5E-07	1.3E-07	2.13E-04	2.49E-04	1.13E-05	1.50E-07	7.16E-08	2.61E-04	2.20E-04	8.7E-06	1.5E-07	7.4E-08	0.0002
2776	490810.04, 3859410.04	0.10787	0.10539	0.0969	0.07672	0.11431	2.03E-04	9.2E-06	1.5E-07	1.3E-07	2.12E-04	2.48E-04	1.13E-05	1.50E-07	7.15E-08	2.60E-04	2.19E-04	8.7E-06	1.5E-07	7.4E-08	0.0002
2777	490860.04, 3859410.04	0.10759	0.1058	0.09724	0.07704	0.11452	2.02E-04	9.3E-06	1.5E-07	1.3E-07	2.12E-04	2.48E-04	1.14E-05	1.51E-07	7.16E-08	2.59E-04	2.18E-04	8.7E-06	1.5E-07	7.4E-08	0.0002
2778	490360.04, 3859460.04	0.10803	0.09366	0.08705	0.07156	0.11128	2.03E-04	8.2E-06	1.4E-07	1.2E-07	2.11E-04	2.49E-04	1.01E-05	1.40E-07	6.96E-08	2.59E-04	2.19E-04	7.7E-06	1.4E-07	7.2E-08	0.0002
2779	490410.04, 3859460.04	0.10772	0.09432	0.0876	0.07169	0.11143	2.02E-04	8.3E-06	1.4E-07	1.2E-07	2.11E-04	2.48E-04	1.01E-05	1.40E-07	6.97E-08	2.58E-04	2.19E-04	7.8E-06	1.4E-07	7.2E-08	0.0002
2780	490460.04, 3859460.04	0.1074	0.09494	0.08809	0.07179	0.1117	2.02E-04	8.3E-06	1.4E-07	1.2E-07	2.10E-04	2.47E-04	1.02E-05	1.41E-07	6.99E-08	2.58E-04	2.18E-04	7.9E-06	1.4E-07	7.2E-08	0.0002
2781	490510.04, 3859460.04	0.10706	0.09564	0.08866	0.07196	0.11195	2.01E-04	8.4E-06	1.4E-07	1.3E-07	2.10E-04	2.47E-04	1.03E-05	1.41E-07	7.00E-08	2.57E-04	2.17E-04	7.9E-06	1.4E-07	7.2E-08	0.0002
2782	490560.04, 3859460.04	0.10669	0.09636	0.08923	0.07215	0.11222	2.00E-04	8.5E-06	1.4E-07	1.3E-07	2.09E-04	2.46E-04	1.04E-05	1.41E-07	7.02E-08	2.56E-04	2.17E-04	8E-06	1.4E-07	7.2E-08	0.0002
2783	490610.04, 3859460.04	0.10628	0.09721	0.08992	0.07243	0.11233	2.00E-04	8.5E-06	1.4E-07	1.3E-07	2.09E-04	2.45E-04	1.05E-05	1.42E-07	7.03E-08	2.55E-04	2.16E-04	8E-06	1.4E-07	7.3E-08	0.0002
2784	490660.04, 3859460.04	0.10582	0.0981	0.09066	0.07277	0.11226	1.99E-04	8.6E-06	1.4E-07	1.3E-07	2.08E-04	2.44E-04	1.05E-05	1.43E-07	7.02E-08	2.54E-04	2.15E-04	8.1E-06	1.4E-07	7.3E-08	0.0002
2785	490710.04, 3859460.04	0.10537	0.09884	0.09124	0.07305	0.11233	1.98E-04	8.7E-06	1.4E-07	1.3E-07	2.07E-04	2.43E-04	1.06E-05	1.43E-07	7.03E-08	2.53E-04	2.14E-04	8.2E-06	1.4E-07	7.3E-08	0.0002
2786	490760.04, 3859460.04	0.10483	0.0997	0.09196	0.07343	0.11198	1.97E-04	8.7E-06	1.5E-07	1.3E-07	2.06E-04	2.41E-04	1.07E-05	1.44E-07	7.00E-08	2.52E-04	2.13E-04	8.2E-06	1.4E-07	7.2E-08	0.0002
2787	490810.04, 3859460.04	0.10427	0.10046	0.09261	0.07381	0.11156	1.96E-04	8.8E-06	1.5E-07	1.2E-07	2.05E-04	2.40E-04	1.08E-05	1.45E-07	6.98E-08	2.51E-04	2.12E-04	8.3E-06	1.4E-07	7.2E-08	0.0002
2788	490860.04, 3859460.04	0.10395	0.10099	0.09303	0.07411	0.11169	1.95E-04	8.9E-06	1.5E-07	1.2E-07	2.04E-04	2.39E-04	1.09E-05	1.45E-07	6.99E-08	2.50E-04	2.11E-04	8.4E-06	1.4E-07	7.2E-08	0.0002
2789	490360.04, 3859510.04	0.10292	0.08977	0.08367	0.0695	0.10707	1.93E-04	7.9E-06	1.4E-07	1.2E-07	2.02E-04	2.37E-04	9.65E-06	1.36E-07	6.70E-08	2.47E-04	2.09E-04	7.4E-06	1.3E-07	6.9E-08	0.0002
2790	490410.04, 3859510.04	0.10284	0.09016	0.08399	0.06949	0.10728	1.93E-04	7.9E-06	1.4E-07	1.2E-07	2.01E-04	2.37E-04	9.69E-06	1.36E-07	6.71E-08	2.47E-04	2.09E-04	7.5E-06	1.3E-07	6.9E-08	0.0002
2791	490460.04, 3859510.04	0.10268	0.09071	0.08445	0.06957	0.10709	1.93E-04	8E-06	1.4E-07	1.2E-07	2.01E-04	2.36E-04	9.75E-06	1.36E-07	6.70E-08	2.46E-04	2.08E-04	7.5E-06	1.3E-07	6.9E-08	0.0002
2792	490510.04, 3859510.04	0.10245	0.09128	0.08492	0.06966	0.10732	1.93E-04	8E-06	1.4E-07	1.2E-07	2.01E-04	2.36E-04	9.81E-06	1.36E-07	6.71E-08	2.46E-04	2.08E-04	7.5E-06	1.3E-07	6.9E-08	0.0002
2793	490560.04, 3859510.04	0.10221	0.09192	0.08543	0.0698	0.10757	1.92E-04	8.1E-06	1.4E-07	1.2E-07	2.00E-04	2.35E-04	9.88E-06	1.37E-07	6.73E-08	2.45E-04	2.08E-04	7.6E-06	1.3E-07	6.9E-08	0.0002
2794	490610.04, 3859510.04	0.10194	0.09267	0.08604	0.07001	0.10777	1.92E-04	8.1E-06	1.4E-07	1.2E-07	2.00E-04	2.35E-04	9.96E-06	1.37E-07	6.74E-08	2.45E-04	2.07E-04	7.7E-06	1.3E-07	7E-08	0.0002
2795	490660.04, 3859510.04	0.10162	0.09344	0.08667	0.07025	0.10793	1.91E-04	8.2E-06	1.4E-07	1.2E-07	1.99E-04	2.34E-04	1.00E-05	1.38E-07	6.75E-08	2.44E-04	2.06E-04	7.7E-06	1.3E-07	7E-08	0.0002
2796	490710.04, 3859510.04	0.10128	0.09424	0.08733	0.07053	0.10801	1.90E-04	8.3E-06	1.4E-07	1.2E-07	1.99E-04	2.33E-04	1.01E-05	1.38E-07	6.76E-08	2.44E-04	2.06E-04	7.8E-06	1.3E-07	7E-08	0.0002
2797	490760.04, 3859510.04	0.10091	0.09501	0.08795	0.07082	0.10804	1.90E-04	8.3E-06	1.4E-07	1.2E-07	1.98E-04	2.32E-04	1.02E-05	1.39E-07	6.76E-08	2.43E-04	2.05E-04	7.9E-06	1.3E-07	7E-08	0.0002
2798	490810.04, 3859510.04	0.10058	0.09569	0.08849	0.07108	0.10816	1.89E-04	8.4E-06	1.4E-07	1.2E-07	1.98E-04	2.32E-04	1.03E-05	1.39E-07	6.76E-08	2.42E-04	2.04E-04	7.9E-06	1.4E-07	7E-08	0.0002
2799	490860.04, 3859510.04	0.10019	0.0964	0.08907	0.07141	0.10807	1.88E-04	8.5E-06	1.4E-07	1.2E-07	1.97E-04	2.31E-04	1.04E-05	1.40E-07	6.76E-08	2.41E-04	2.03E-04	8E-06	1.4E-07	7E-08	0.0002
2800	490360.04, 3859560.04	0.09813	0.08629	0.08062	0.06762	0.10293	1.84E-04	7.6E-06	1.3E-07	1.2E-07	1.92E-04	2.26E-04	9.28E-06	1.32E-07	6.44E-08	2.35E-04	1.99E-04	7.1E-06	1.3E-07	6.6E-08	0.0002
2801	490410.04, 3859560.04	0.09806	0.08653	0.08082	0.06753	0.103	1.84E-04	7.6E-06	1.3E-07	1.2E-07	1.92E-04	2.26E-04	9.30E-06	1.32E-07	6.44E-08	2.35E-04	1.99E-04	7.2E-06	1.3E-07	6.7E-08	0.0002
2802	490460.04, 3859560.04	0.09802	0.08688	0.08112	0.06752	0.10315	1.84E-04	7.6E-06	1.3E-07	1.2E-07	1.92E-04	2.26E-04	9.34E-06	1.32E-07	6.45E-08	2.35E-04	1.99E-04	7.2E-06	1.3E-07	6.7E-08	0.0002
2803	490510.04, 3859560.04	0.09807	0.08742	0.08158	0.06761	0.10299	1.84E-04	7.7E-06	1.3E-07	1.2E-07	1.92E-04	2.26E-04	9.40E-06	1.32E-07	6.44E-08	2.35E-04	1.99E-04	7.2E-06	1.3E-07	6.7E-08	0.0002
2804	490560.04, 3859560.04	0.09789	0.08787	0.08193	0.06764	0.10323	1.84E-04	7.7E-06	1.3E-07	1.2E-07	1.92E-04	2.25E-04	9.45E-06	1.33E-07	6.46E-08	2.35E-04	1.99E-04	7.3E-06	1.3E-07	6.7E-08	0.0002
2805	490610.04, 3859560.04	0.09774	0.0885	0.08245	0.06779	0.10343	1.84E-04	7.8E-06	1.3E-07	1.2E-07	1.92E-04	2.25E-04	9.51E-06	1.33E-07	6.47E-08	2.35E-04	1.98E-04	7.3E-06	1.3E-07	6.7E-08	0.0002
2806	490660.04, 3859560.04	0.09755	0.08915	0.08299	0.06795	0.10365	1.83E-04	7.8E-06	1.3E-07	1.2E-07	1.91E-04	2.25E-04	9.58E-06	1.33E-07	6.48E-08	2.34E-04	1.98E-04	7.4E-06	1.3E-07	6.7E-08	0.0002
2807	490710.04, 3859560.04	0.09733	0.08988	0.08359	0.06817	0.10382	1.83E-04	7.9E-06	1.4E-07	1.2E-07	1.91E-04	2.24E-04	9.66E-06	1.34E-07	6.49E-08	2.34E-04	1.98E-04	7.4E-06	1.3E-07	6.7E-08	0.0002
2808	490760.04, 3859560.04	0.09705	0.09071	0.08428	0.06846	0.10384	1.82E-04	8E-06	1.4E-07	1.2E-07	1.91E-04	2.23E-04	9.75E-06	1.34E-07	6.49E-08	2.33E-04	1.97E-04	7.5E-06	1.3E-07	6.7E-08	0.0002
2809	490810.04, 3859560.04	0.09676	0.09142	0.08486	0.06871	0.10394	1.82E-04	8E-06	1.4E-07	1.2E-07	1.90E-04	2.23E-04	9.83E-06	1.35E-07	6.50E-08	2.33E-04	1.96E-04	7.6E-06	1.3E-07	6.7E-08	0.0002
2810	490860.04, 3859560.04	0.09643	0.09215	0.08546	0.06899	0.10393	1.81E-04	8.1E-06	1.4E-07	1.2E-07	1.90E-04	2.22E-04	9.91E-06	1.35E-07	6.50E-08	2.32E-04	1.96E-04	7.6E-06	1.3E-07	6.7E-08	0.0002
2811	490187.25, 3859422.08	0.11297	0.09523	0.08847	0.07322	0.11472	2.12E-04	8.4E-06	1.5E-07	1.3E-07	2.21E-04	2.60E-04	1.02E-05	1.43E-07	7.18E-08	2.71E-04	2.29E-04	7.9E-06	1.4E-07	7.4E-08	0.0002
2812	490237.25, 3859422.08	0.11277	0.09561	0.0888	0.07317	0.11486	2.12E-04	8.4E-06	1.5E-07	1.3E-07	2.21E-04	2.60E-04	1.03E-05	1.43E-07	7.18E-08	2.70E-04	2.29E-04	7.9E-06	1.4E-07	7.4E-08	0.0002

2813	490287.25, 3859422.08	0.1125	0.09609	0.08919	0.07317	0.11466	2.11E-04	8.4E-06	1.5E-07	1.3E-07	2.20E-04	2.59E-04	1.03E-05	1.43E-07	7.17E-08	2.70E-04	2.28E-04	7.9E-06	1.4E-07	7.4E-08	0.0002
2814	490337.25, 3859422.08	0.11212	0.09673	0.08972	0.07327	0.1148	2.11E-04	8.5E-06	1.5E-07	1.3E-07	2.19E-04	2.58E-04	1.04E-05	1.44E-07	7.18E-08	2.69E-04	2.28E-04	8E-06	1.4E-07	7.4E-08	0.0002
2815	490187.25, 3859472.08	0.10733	0.09163	0.08532	0.07131	0.11019	2.02E-04	8E-06	1.4E-07	1.2E-07	2.10E-04	2.47E-04	9.85E-06	1.40E-07	6.89E-08	2.57E-04	2.18E-04	7.6E-06	1.4E-07	7.1E-08	0.0002
2816	490237.25, 3859472.08	0.10716	0.09179	0.08546	0.07115	0.11016	2.01E-04	8.1E-06	1.4E-07	1.2E-07	2.10E-04	2.47E-04	9.87E-06	1.39E-07	6.89E-08	2.57E-04	2.18E-04	7.6E-06	1.4E-07	7.1E-08	0.0002
2817	490287.25, 3859472.08	0.10708	0.09218	0.0858	0.07113	0.11023	2.01E-04	8.1E-06	1.4E-07	1.2E-07	2.10E-04	2.47E-04	9.91E-06	1.39E-07	6.89E-08	2.57E-04	2.17E-04	7.6E-06	1.4E-07	7.1E-08	0.0002
2818	490337.25, 3859472.08	0.1069	0.0925	0.08606	0.07106	0.11043	2.01E-04	8.1E-06	1.4E-07	1.2E-07	2.09E-04	2.46E-04	9.94E-06	1.39E-07	6.91E-08	2.56E-04	2.17E-04	7.6E-06	1.4E-07	7.1E-08	0.0002
2819	490297.07, 3859500.42	0.10406	0.09014	0.08401	0.06999	0.10775	1.96E-04	7.9E-06	1.4E-07	1.2E-07	2.04E-04	2.40E-04	9.69E-06	1.37E-07	6.74E-08	2.50E-04	2.11E-04	7.5E-06	1.3E-07	7E-08	0.0002
2820	490327.07, 3859500.42	0.10392	0.0902	0.08405	0.06988	0.10782	1.95E-04	7.9E-06	1.4E-07	1.2E-07	2.03E-04	2.39E-04	9.70E-06	1.37E-07	6.74E-08	2.49E-04	2.11E-04	7.5E-06	1.3E-07	7E-08	0.0002
2821	490297.07, 3859530.42	0.101	0.08796	0.08209	0.0688	0.10528	1.90E-04	7.7E-06	1.4E-07	1.2E-07	1.98E-04	2.33E-04	9.46E-06	1.35E-07	6.58E-08	2.42E-04	2.05E-04	7.3E-06	1.3E-07	6.8E-08	0.0002
2822	490327.07, 3859530.42	0.10096	0.0881	0.08221	0.06874	0.10528	1.90E-04	7.7E-06	1.4E-07	1.2E-07	1.98E-04	2.32E-04	9.47E-06	1.35E-07	6.58E-08	2.42E-04	2.05E-04	7.3E-06	1.3E-07	6.8E-08	0.0002
2823	490319.73, 3859055.34	0.16264	0.1384	0.12454	0.09606	0.16274	3.06E-04	1.2E-05	1.9E-07	1.8E-07	3.18E-04	3.75E-04	1.49E-05	1.88E-07	1.02E-07	3.90E-04	3.30E-04	1.1E-05	1.8E-07	1.1E-07	0.0003
2824	490319.73, 3859105.34	0.15447	0.13204	0.11924	0.0922	0.1549	2.90E-04	1.2E-05	1.8E-07	1.7E-07	3.02E-04	3.56E-04	1.42E-05	1.81E-07	9.69E-08	3.70E-04	3.14E-04	1.1E-05	1.8E-07	1E-07	0.0003
2825	490069.73, 3859155.34	0.15379	0.12054	0.11009	0.08653	0.14716	2.89E-04	1.1E-05	1.7E-07	1.6E-07	3.00E-04	3.54E-04	1.30E-05	1.70E-07	9.20E-08	3.67E-04	3.12E-04	1E-05	1.6E-07	9.5E-08	0.0003
2826	490119.73, 3859155.34	0.15237	0.12138	0.11068	0.08672	0.14764	2.86E-04	1.1E-05	1.7E-07	1.6E-07	2.97E-04	3.51E-04	1.30E-05	1.70E-07	9.23E-08	3.64E-04	3.09E-04	1E-05	1.6E-07	9.5E-08	0.0003
2827	490269.73, 3859155.34	0.14829	0.12419	0.11273	0.08779	0.14839	2.79E-04	1.1E-05	1.7E-07	1.7E-07	2.90E-04	3.41E-04	1.34E-05	1.72E-07	9.28E-08	3.55E-04	3.01E-04	1E-05	1.7E-07	9.6E-08	0.0003
2828	490319.73, 3859155.34	0.1467	0.12557	0.11387	0.08849	0.14773	2.76E-04	1.1E-05	1.8E-07	1.7E-07	2.87E-04	3.38E-04	1.35E-05	1.73E-07	9.24E-08	3.52E-04	2.98E-04	1E-05	1.7E-07	9.5E-08	0.0003
2829	490069.73, 3859205.34	0.14492	0.11433	0.10489	0.08347	0.13972	2.72E-04	1E-05	1.7E-07	1.6E-07	2.83E-04	3.34E-04	1.23E-05	1.64E-07	8.74E-08	3.46E-04	2.94E-04	9.5E-06	1.6E-07	9E-08	0.0003
2830	490119.73, 3859205.34	0.1438	0.11479	0.10517	0.08342	0.1404	2.70E-04	1E-05	1.7E-07	1.6E-07	2.81E-04	3.31E-04	1.23E-05	1.63E-07	8.78E-08	3.44E-04	2.92E-04	9.5E-06	1.6E-07	9.1E-08	0.0003
2831	490169.73, 3859205.34	0.14273	0.11567	0.10582	0.08363	0.14084	2.68E-04	1E-05	1.7E-07	1.6E-07	2.79E-04	3.29E-04	1.24E-05	1.64E-07	8.81E-08	3.41E-04	2.90E-04	9.6E-06	1.6E-07	9.1E-08	0.0003
2832	490219.73, 3859205.34	0.14162	0.11694	0.10682	0.08408	0.14095	2.66E-04	1E-05	1.7E-07	1.6E-07	2.77E-04	3.26E-04	1.26E-05	1.65E-07	8.82E-08	3.39E-04	2.88E-04	9.7E-06	1.6E-07	9.1E-08	0.0003
2833	490269.73, 3859205.34	0.14033	0.11845	0.10806	0.0847	0.14062	2.64E-04	1E-05	1.7E-07	1.6E-07	2.74E-04	3.23E-04	1.27E-05	1.66E-07	8.79E-08	3.36E-04	2.85E-04	9.8E-06	1.6E-07	9.1E-08	0.0003
2834	490319.73, 3859205.34	0.13915	0.11951	0.10889	0.08515	0.14054	2.61E-04	1E-05	1.7E-07	1.6E-07	2.72E-04	3.20E-04	1.28E-05	1.67E-07	8.79E-08	3.34E-04	2.83E-04	9.9E-06	1.6E-07	9.1E-08	0.0003
2835	490069.73, 3859255.34	0.13682	0.1091	0.10049	0.08091	0.13265	2.57E-04	9.6E-06	1.6E-07	1.5E-07	2.67E-04	3.15E-04	1.17E-05	1.58E-07	8.30E-08	3.27E-04	2.78E-04	9E-06	1.5E-07	8.6E-08	0.0003
2836	490119.73, 3859255.34	0.1359	0.10947	0.10073	0.08079	0.13321	2.55E-04	9.6E-06	1.6E-07	1.5E-07	2.65E-04	3.13E-04	1.18E-05	1.58E-07	8.33E-08	3.25E-04	2.76E-04	9.1E-06	1.5E-07	8.6E-08	0.0003
2837	490169.73, 3859255.34	0.13497	0.11016	0.10124	0.08087	0.13366	2.54E-04	9.7E-06	1.6E-07	1.5E-07	2.64E-04	3.11E-04	1.18E-05	1.58E-07	8.36E-08	3.23E-04	2.74E-04	9.1E-06	1.5E-07	8.6E-08	0.0003
2838	490219.73, 3859255.34	0.13411	0.11126	0.10212	0.0812	0.13386	2.52E-04	9.8E-06	1.6E-07	1.5E-07	2.62E-04	3.09E-04	1.20E-05	1.59E-07	8.37E-08	3.21E-04	2.72E-04	9.2E-06	1.5E-07	8.6E-08	0.0003
2839	490269.73, 3859255.34	0.13315	0.11248	0.10311	0.08162	0.13388	2.50E-04	9.9E-06	1.6E-07	1.5E-07	2.60E-04	3.07E-04	1.21E-05	1.60E-07	8.37E-08	3.19E-04	2.70E-04	9.3E-06	1.6E-07	8.6E-08	0.0003
2840	490319.73, 3859255.34	0.13219	0.11354	0.10394	0.08199	0.13395	2.48E-04	1E-05	1.6E-07	1.5E-07	2.59E-04	3.04E-04	1.22E-05	1.61E-07	8.38E-08	3.17E-04	2.68E-04	9.4E-06	1.6E-07	8.7E-08	0.0003
2841	490069.73, 3859305.34	0.1294	0.10444	0.09651	0.07861	0.12682	2.43E-04	9.2E-06	1.6E-07	1.4E-07	2.53E-04	2.98E-04	1.12E-05	1.54E-07	7.93E-08	3.09E-04	2.63E-04	8.6E-06	1.5E-07	8.2E-08	0.0003
2842	490119.73, 3859305.34	0.12865	0.10461	0.0966	0.07838	0.12719	2.42E-04	9.2E-06	1.6E-07	1.4E-07	2.51E-04	2.96E-04	1.12E-05	1.54E-07	7.95E-08	3.08E-04	2.61E-04	8.7E-06	1.5E-07	8.2E-08	0.0003
2843	490169.73, 3859305.34	0.12791	0.10511	0.09698	0.07835	0.12712	2.40E-04	9.2E-06	1.6E-07	1.4E-07	2.50E-04	2.95E-04	1.13E-05	1.53E-07	7.95E-08	3.06E-04	2.60E-04	8.7E-06	1.5E-07	8.2E-08	0.0003
2844	490219.73, 3859305.34	0.12719	0.10594	0.09765	0.07852	0.12737	2.39E-04	9.3E-06	1.6E-07	1.4E-07	2.49E-04	2.93E-04	1.14E-05	1.54E-07	7.97E-08	3.05E-04	2.58E-04	8.8E-06	1.5E-07	8.2E-08	0.0003
2845	490269.73, 3859305.34	0.12648	0.10689	0.09841	0.07877	0.12759	2.38E-04	9.4E-06	1.6E-07	1.4E-07	2.47E-04	2.91E-04	1.15E-05	1.54E-07	7.98E-08	3.03E-04	2.57E-04	8.8E-06	1.5E-07	8.2E-08	0.0003
2846	490319.73, 3859305.34	0.12569	0.10804	0.09936	0.07915	0.12758	2.36E-04	9.5E-06	1.6E-07	1.4E-07	2.46E-04	2.89E-04	1.16E-05	1.55E-07	7.98E-08	3.01E-04	2.55E-04	8.9E-06	1.5E-07	8.2E-08	0.0003
2847	490069.73, 3859355.34	0.12231	0.10009	0.09274	0.07639	0.12123	2.30E-04	8.8E-06	1.5E-07	1.4E-07	2.39E-04	2.82E-04	1.08E-05	1.50E-07	7.58E-08	2.93E-04	2.48E-04	8.3E-06	1.5E-07	7.8E-08	0.0003
2848	490119.73, 3859355.34	0.12172	0.1001	0.09272	0.0761	0.12139	2.29E-04	8.8E-06	1.5E-07	1.4E-07	2.38E-04	2.80E-04	1.08E-05	1.49E-07	7.59E-08	2.91E-04	2.47E-04	8.3E-06	1.4E-07	7.8E-08	0.0003
2849	490169.73, 3859355.34	0.12128	0.10045	0.093	0.076	0.12164	2.28E-04	8.8E-06	1.5E-07	1.4E-07	2.37E-04	2.79E-04	1.08E-05	1.49E-07	7.61E-08	2.90E-04	2.46E-04	8.3E-06	1.4E-07	7.9E-08	0.0003
2850	490219.73, 3859355.34	0.12082	0.10112	0.09355	0.07609	0.12145	2.27E-04	8.9E-06	1.5E-07	1.4E-07	2.36E-04	2.78E-04	1.09E-05	1.49E-07	7.60E-08	2.89E-04	2.45E-04	8.4E-06	1.4E-07	7.8E-08	0.0003
2851	490269.73, 3859355.34	0.12027	0.10182	0.09411	0.0762	0.1217	2.26E-04	8.9E-06	1.5E-07	1.4E-07	2.35E-04	2.77E-04	1.09E-05	1.49E-07	7.61E-08	2.88E-04	2.44E-04	8.4E-06	1.4E-07	7.9E-08	0.0003
2852	490319.73, 3859355.34	0.11971	0.10274	0.09487	0.07644	0.12184	2.25E-04	9E-06	1.5E-07	1.4E-07	2.34E-04	2.76E-04	1.10E-05	1.50E-07	7.62E-08	2.87E-04	2.43E-04	8.5E-06	1.5E-07	7.9E-08	0.0003
2853	490069.73, 3859405.34	0.11572	0.09622	0.08935	0.07437	0.11633	2.17E-04	8.4E-06	1.5E-07	1.3E-07	2.26E-04	2.66E-04	1.03E-05	1.46E-07	7.28E-08	2.77E-04	2.35E-04	8E-06	1.4E-07	7.5E-08	0.0002
2854	490119.73, 3859405.34	0.11535	0.09617	0.0893	0.07406	0.11627	2.17E-04	8.4E-06	1.5E-07	1.3E-07	2.25E-04	2.66E-04	1.03E-05	1.45E-07	7.27E-08	2.76E-04	2.34E-04	8E-06	1.4E-07	7.5E-08	0.0002
2855	490169.73, 3859405.34	0.11505	0.09641	0.0895	0.07392	0.11632	2.16E-04	8.5E-06	1.5E-07	1.3E-07	2.25E-04	2.65E-04	1.04E-05	1.45E-07	7.28E-08	2.76E-04	2.34E-04	8E-06	1.4E-07	7.5E-08	0.0002
2856	490219.73, 3859405.34	0.11479	0.09677	0.08981	0.07386	0.11649	2.16E-04	8.5E-06	1.5E-07	1.3E-07	2.24E-04	2.64E-04	1.04E-05	1.45E-07	7.29E-08	2.75E-04	2.33E-04	8E-06	1.4E-07	7.5E-08	0.0002
2857	490269.73, 3859405.34	0.11449	0.09736	0.0903	0.07392	0.11625	2.15E-04	8.5E-06	1.5E-07	1.3E-07	2.24E-04	2.64E-04	1.05E-05	1.45E-07	7.27E-08	2.74E-04	2.32E-04	8.1E-06	1.4E-07	7.5E-08	0.0002
2858	490319.73, 3859405.34	0.11407	0.09805	0.09087	0.07404	0.11639	2.14E-04	8.6E-06	1.5E-07	1.3E-07	2.23E-04	2.63E-04	1.05E-05	1.45E-07	7.28E-08	2.73E-04	2.32E-04	8.1E-06	1.4E-07	7.5E-08	0.0002
2859	490161.89, 3859541.83	0.10003	0.08732	0.08152	0.06907	0.10501	1.88E-04	7.7E-06	1.4E-07	1.2E-07	1.96E-04	2.30E-04	9.39E-06	1.35E-07	6.57E-08	2.40E-04	2.03E-04	7.2E-06	1.3E-07	6.8E-08	0.0002
2860	490171.89, 3859541.83	0.10003	0.08731	0.08151	0.06902	0.10493	1.88E-04	7.7E-06	1.4E-07	1.2E-07	1.96E-04	2.30E-04	9.39E-06	1.35E-07	6.56E-08	2.40E-04	2.03E-04	7.2E-06	1.3E-07	6.8E-08	0.0002
2861	490161.89, 3859551.83	0.09904	0.08679	0.08105	0.06877	0.10434	1.86E-04	7.6E-06	1.4E-07	1.2E-07	1.94E-04	2.28E-04	9.33E-06	1.35E-07	6.53E-08	2.38E-04	2.01E-04	7.2E-06	1.3E-07	6.7E-08	0.0002
2862	490171.89, 3859551.83	0.09904	0.08676	0.08102	0.06871	0.10425	1.86E-04	7.6E-06	1.4E-07	1.2E-07	1.94E-04	2.28E-04	9.33E-06	1.35E-07	6.52E-08	2.38E-04	2.01E-04	7.2E-06	1.3E-07	6.7E-08	0.0002
2863	489799.72, 3859348.21	0.12552	0.10184	0.09423	0.07897	0.12382	2.36E-04	8.9E-06	1.6E-07	1.4E-07	2.45E-04	2.89E-04	1.09E-05	1.55E-07	7.74E-08	3.00E-04	2.55E-04	8.4E-06	1.5E-07	8E-08	0.0003
2864	489819.72, 3859348.21	0.12543	0.10163	0.09405	0.07874	0.1235	2.36E-04	8.9E-06	1.6E-07	1.4E-07	2.45E-04	2.89E-04	1.09E-05	1.54E-07	7.72E-08	3.00E-04	2.55E-04	8.4E-06	1.5E-07	8E-08	0.0003
2865	489799.72, 3859368.21	0.12236	0.10055	0.0931	0.07827	0.12222	2.30E-04	8.8E-06	1.6E-07	1.4E-07	2.39E-04	2.82E-04	1.08E-05	1.53E-07	7.64E-08	2.93E-04	2.48E-04	8.3E-06	1.5E-07	7.9E-08	0.0003
2866	489819.72, 3859368.21	0.12233	0.10039	0.09297	0.07808	0.12187	2.30E-04	8.8E-06	1.5E-07	1.4E-07	2.39E-04	2.82E-04	1.08E-05	1.53E-07	7.62E-08	2.93E-04	2.48E-04	8.3E-06	1.5E-07	7.9E-08	0.0003
2867	489775.41, 3859329.72	0.12864	0.10319	0.0954	0.07983	0.12578	2.42E-04	9.1E-06	1.6E-07	1.4E-07	2.51E-04	2.96E-04	1.11E-05	1.56E-07	7.87E-08	3.08E-04	2.61E-04	8.5E-06	1.5E-07	8.1E-08	0.0003
2868	489795.41, 3859329.72	0.12853	0.103	0.09524	0.07961	0.12546	2.42E-04	9E-06	1.6E-07	1.4E-07	2.51E-04	2.96E-04	1.11E-05	1.56E-07	7.85E-08	3.07E-04	2.61E-04	8.5E-06	1.5E-07	8.1E-08	0.0003
2869	489775.41, 3859349.72	0.12535	0.10195	0.09431	0.07917	0.12412	2.36E-04	8.9E-06	1.6E-07	1.4E-07	2.45E-04	2.89E-04	1.10E-05	1.55E-07	7.76E-08	3.00E-04	2.55E-04	8.4E-06	1.5E-07	8E-08	0.0003
2870	489795.41, 3859349.72	0.1253	0.10179	0.09418	0.07897	0.12377	2.35E-04	8.9E-06	1.6E-07	1.4E-07	2.45E-04	2.89E-04	1.09E-05	1.55E-07	7.74E-08	3.00E-04	2.54E-04	8.4E-06	1.5E-07	8E-08	0.0003
2871	489595.05, 3859219.43	0.1524	0.11268	0.10362	0.08598	0.1394	2.86E-04	9.9E-06	1.7E-07	1.6E-07	2.97E-04	3.51E-04	1.21E-05	1.68E-07	8.72E-08	3.63E-04	3.09E-04	9.3E-06	1.6E-07	9E-08	0.0003
2872	489615.05, 3859219.43	0.15218	0.11254	0.10351	0.08578	0.13898	2.86E-04	9.9E-06	1.7E-07	1.6E-07	2.96E-04	3.50E-04	1.21E-05	1.68E-07	8.69E-08	3.63E-04	3.09E-04	9.3E-06	1.6E-07	9E-08	0.0003
2873	489595.05, 3859239.43	0.14757	0.11119	0.10232	0.08518	0.13744	2.77E-04	9.8E-06	1.7E-07	1.5E-07	2.87E-04	3.40E-04	1.20E-05	1.67E-07	8.60E-08	3.52E-04	3.00E-04	9.2E-06	1.6E-07	8.9E-08	0.0003
2874	489615.05, 3859239.43	0.14745	0.11106	0.10221	0.085	0.13699	2.77E-04	9.7E-06	1.7E-07	1.5E-07	2.87E-04	3.40E-04	1.19E-05	1.67E-07	8.57E-08	3.52E-04	2.99E-04	9.2E-06	1.6E-07	8.8E-08	0.0003
2875	489372.4, 3859092.58	0.1998	0.12548	0.11463	0.0941	0.15904	3.75E-04	1.1E-05	1.9E-07	1.8E-07	3.87E-04	4.60E-04	1.35E-05	1.84E-07	9.95E-08	4.74E-04	4.06E-04	1E-05	1.8E-07	1E-07	0.0004
2876	489422.4, 3859092.58	0.19769	0.12489	0.11416	0.09347	0.15774	3.71E-04	1.1E-05	1.9E-07	1.8E-07	3.83E-04	4.55E-04	1.34E-05	1.83E-07	9.87E-08	4.69E-04	4.01E-04	1E-05	1.8E-07	1E-07	0.0004

2877	489372.4, 3859142.58	0.17832	0.12127	0.11098	0.09184	0.15314	3.35E-04	1.1E-05	1.8E-07	1.7E-07	3.46E-04	4.11E-04	1.30E-05	1.80E-07	9.58E-08	4.24E-04	3.62E-04	1E-05	1.7E-07	9.9E-08	0.0004
2878	489422.4, 3859142.58	0.17777	0.12061	0.11043	0.09123	0.15174	3.34E-04	1.1E-05	1.8E-07	1.7E-07	3.45E-04	4.09E-04	1.30E-05	1.79E-07	9.49E-08	4.23E-04	3.61E-04	1E-05	1.7E-07	9.8E-08	0.0004
2879	488870.84, 3858666.64	0.78293	0.18689	0.16792	0.12791	0.27068	1.47E-03	1.6E-05	2.5E-07	3E-07	1.49E-03	1.80E-03	2.01E-05	2.51E-07	1.69E-07	1.82E-03	1.59E-03	1.5E-05	2.4E-07	1.7E-07	0.0016
2880	488900.84, 3858666.64	0.7351	0.18663	0.16777	0.12744	0.26985	1.38E-03	1.6E-05	2.5E-07	3E-07	1.40E-03	1.69E-03	2.01E-05	2.50E-07	1.69E-07	1.71E-03	1.49E-03	1.5E-05	2.4E-07	1.7E-07	0.0015
2881	488870.84, 3858696.64	0.8498	0.18128	0.1629	0.12534	0.25933	1.60E-03	1.6E-05	2.5E-07	2.9E-07	1.61E-03	1.96E-03	1.95E-05	2.46E-07	1.62E-07	1.98E-03	1.73E-03	1.5E-05	2.4E-07	1.7E-07	0.0017
2882	488900.84, 3858696.64	0.79065	0.18096	0.16269	0.12492	0.25832	1.49E-03	1.6E-05	2.5E-07	2.9E-07	1.50E-03	1.82E-03	1.95E-05	2.45E-07	1.62E-07	1.84E-03	1.61E-03	1.5E-05	2.4E-07	1.7E-07	0.0016
2883	488889.67, 3858683.97	0.78467	0.18346	0.16489	0.12617	0.26335	1.47E-03	1.6E-05	2.5E-07	2.9E-07	1.49E-03	1.81E-03	1.97E-05	2.47E-07	1.65E-07	1.83E-03	1.59E-03	1.5E-05	2.4E-07	1.7E-07	0.0016
2884	488919.67, 3858683.97	0.7361	0.18309	0.16465	0.12566	0.26251	1.38E-03	1.6E-05	2.5E-07	2.9E-07	1.40E-03	1.70E-03	1.97E-05	2.46E-07	1.64E-07	1.72E-03	1.49E-03	1.5E-05	2.4E-07	1.7E-07	0.0015
2885	488889.67, 3858713.97	0.85223	0.17804	0.16006	0.12366	0.25265	1.60E-03	1.6E-05	2.5E-07	2.8E-07	1.62E-03	1.96E-03	1.91E-05	2.42E-07	1.58E-07	1.98E-03	1.73E-03	1.5E-05	2.4E-07	1.6E-07	0.0017
2886	488919.67, 3858713.97	0.79173	0.1777	0.15982	0.12323	0.25164	1.49E-03	1.6E-05	2.4E-07	2.8E-07	1.50E-03	1.82E-03	1.91E-05	2.41E-07	1.57E-07	1.84E-03	1.61E-03	1.5E-05	2.3E-07	1.6E-07	0.0016
2887	488906.61, 3858703.33	0.79399	0.17968	0.16156	0.12427	0.25575	1.49E-03	1.6E-05	2.5E-07	2.9E-07	1.51E-03	1.83E-03	1.93E-05	2.43E-07	1.60E-07	1.85E-03	1.61E-03	1.5E-05	2.4E-07	1.7E-07	0.0016
2888	488936.61, 3858703.33	0.74258	0.17946	0.16143	0.12385	0.25485	1.40E-03	1.6E-05	2.5E-07	2.8E-07	1.41E-03	1.71E-03	1.93E-05	2.43E-07	1.59E-07	1.73E-03	1.51E-03	1.5E-05	2.4E-07	1.6E-07	0.0015
2889	488906.61, 3858733.33	0.86266	0.17478	0.15719	0.122	0.24571	1.62E-03	1.5E-05	2.4E-07	2.7E-07	1.64E-03	1.99E-03	1.88E-05	2.39E-07	1.54E-07	2.01E-03	1.75E-03	1.4E-05	2.3E-07	1.6E-07	0.0018
2890	488936.61, 3858733.33	0.79925	0.17434	0.15686	0.12152	0.24468	1.50E-03	1.5E-05	2.4E-07	2.7E-07	1.52E-03	1.84E-03	1.87E-05	2.38E-07	1.53E-07	1.86E-03	1.62E-03	1.4E-05	2.3E-07	1.6E-07	0.0016
2891	488637.63, 3858467.85	0.77837	0.23699	0.21332	0.15221	0.39794	1.46E-03	2.1E-05	3E-07	4.4E-07	1.48E-03	1.79E-03	2.55E-05	2.98E-07	2.49E-07	1.82E-03	1.58E-03	2E-05	2.9E-07	2.6E-07	0.0016
2892	488662.63, 3858467.85	0.74468	0.23664	0.2131	0.15162	0.39707	1.40E-03	2.1E-05	3E-07	4.4E-07	1.42E-03	1.71E-03	2.54E-05	2.97E-07	2.48E-07	1.74E-03	1.51E-03	2E-05	2.9E-07	2.6E-07	0.0015
2893	488637.63, 3858492.85	0.82612	0.22954	0.20631	0.14914	0.37689	1.55E-03	2E-05	3E-07	4.2E-07	1.57E-03	1.90E-03	2.47E-05	2.92E-07	2.36E-07	1.93E-03	1.68E-03	1.9E-05	2.8E-07	2.4E-07	0.0017
2894	488662.63, 3858492.85	0.78631	0.22921	0.20611	0.14864	0.37601	1.48E-03	2E-05	3E-07	4.2E-07	1.50E-03	1.81E-03	2.46E-05	2.91E-07	2.35E-07	1.84E-03	1.60E-03	1.9E-05	2.8E-07	2.4E-07	0.0016
2895	488687.63, 3858492.85	0.75073	0.22913	0.20611	0.14823	0.37515	1.41E-03	2E-05	2.9E-07	4.2E-07	1.43E-03	1.73E-03	2.46E-05	2.90E-07	2.35E-07	1.75E-03	1.52E-03	1.9E-05	2.8E-07	2.4E-07	0.0015
2896	488637.63, 3858517.85	0.8843	0.22245	0.19971	0.14607	0.35814	1.66E-03	2E-05	2.9E-07	4E-07	1.68E-03	2.04E-03	2.39E-05	2.86E-07	2.24E-07	2.06E-03	1.80E-03	1.8E-05	2.8E-07	2.3E-07	0.0018
2897	488662.63, 3858517.85	0.83652	0.22218	0.19956	0.14568	0.35721	1.57E-03	1.9E-05	2.9E-07	4E-07	1.59E-03	1.93E-03	2.39E-05	2.85E-07	2.23E-07	1.95E-03	1.70E-03	1.8E-05	2.8E-07	2.3E-07	0.0017
2898	488687.63, 3858517.85	0.79473	0.22189	0.19939	0.14523	0.35636	1.49E-03	1.9E-05	2.9E-07	4E-07	1.51E-03	1.83E-03	2.39E-05	2.84E-07	2.23E-07	1.85E-03	1.61E-03	1.8E-05	2.8E-07	2.3E-07	0.0016
2899	488194.42, 3857168.98	0.80174	2.21703	1.13006	0.98595	1.14079	1.51E-03	0.00019	2E-06	1.3E-06	1.70E-03	1.85E-03	2.38E-04	1.93E-06	7.13E-07	2.09E-03	1.63E-03	0.00018	1.9E-06	7.4E-07	0.0018
2900	488244.42, 3857168.98	0.77567	2.08025	1.08606	0.94478	1.12947	1.46E-03	0.00018	1.9E-06	1.3E-06	1.64E-03	1.79E-03	2.24E-04	1.85E-06	7.06E-07	2.01E-03	1.57E-03	0.00017	1.8E-06	7.3E-07	0.0017
2901	488294.42, 3857168.98	0.75223	1.96141	1.04793	0.9083	1.10992	1.41E-03	0.00017	1.8E-06	1.2E-06	1.59E-03	1.73E-03	2.11E-04	1.78E-06	6.94E-07	1.95E-03	1.53E-03	0.00016	1.7E-06	7.2E-07	0.0017
2902	488244.42, 3857218.98	0.78217	2.22156	1.11732	0.92752	1.16578	1.47E-03	0.00019	1.8E-06	1.3E-06	1.67E-03	1.80E-03	2.39E-04	1.82E-06	7.29E-07	2.04E-03	1.59E-03	0.00018	1.8E-06	7.5E-07	0.0018
2903	488294.42, 3857218.98	0.75778	2.07998	1.0752	0.89098	1.14772	1.42E-03	0.00018	1.8E-06	1.3E-06	1.61E-03	1.75E-03	2.24E-04	1.75E-06	7.18E-07	1.97E-03	1.54E-03	0.00017	1.7E-06	7.4E-07	0.0017
2904	488294.42, 3857268.98	0.76429	2.15637	1.10184	0.87241	1.19143	1.44E-03	0.00019	1.7E-06	1.3E-06	1.63E-03	1.76E-03	2.32E-04	1.71E-06	7.45E-07	1.99E-03	1.55E-03	0.00018	1.7E-06	7.7E-07	0.0017
2905	488139.13, 3857111.68	0.82458	2.11134	1.13822	1.0536	1.11675	1.55E-03	0.00019	2.1E-06	1.2E-06	1.74E-03	1.90E-03	2.27E-04	2.06E-06	6.98E-07	2.13E-03	1.67E-03	0.00017	2E-06	7.2E-07	0.0019
2906	488189.13, 3857111.68	0.79702	1.99376	1.09342	1.00741	1.11014	1.50E-03	0.00017	2E-06	1.2E-06	1.68E-03	1.84E-03	2.14E-04	1.97E-06	6.94E-07	2.05E-03	1.62E-03	0.00016	1.9E-06	7.2E-07	0.0018
2907	488189.13, 3857161.68	0.80346	2.20343	1.1294	0.99275	1.13791	1.51E-03	0.00019	2E-06	1.3E-06	1.71E-03	1.85E-03	2.37E-04	1.94E-06	7.12E-07	2.09E-03	1.63E-03	0.00018	1.9E-06	7.4E-07	0.0018
2908	487951.04, 3856961.26	0.92813	1.49914	1.18476	1.27602	1.07754	1.74E-03	0.00013	2.5E-06	1.2E-06	1.88E-03	2.14E-03	1.61E-04	2.50E-06	6.74E-07	2.30E-03	1.88E-03	0.00012	2.4E-06	7E-07	0.002
2909	488001.04, 3856961.26	0.8949	1.47409	1.14397	1.21965	1.05918	1.68E-03	0.00013	2.4E-06	1.2E-06	1.81E-03	2.06E-03	1.58E-04	2.39E-06	6.62E-07	2.22E-03	1.82E-03	0.00012	2.3E-06	6.8E-07	0.0019
2910	488051.04, 3856961.26	0.86556	1.45176	1.10935	1.17011	1.03181	1.63E-03	0.00013	2.3E-06	1.2E-06	1.76E-03	1.99E-03	1.56E-04	2.29E-06	6.45E-07	2.15E-03	1.76E-03	0.00012	2.2E-06	6.7E-07	0.0019
2911	488101.04, 3856961.26	0.83435	1.41407	1.06766	1.11778	1.03012	1.57E-03	0.00012	2.2E-06	1.2E-06	1.70E-03	1.92E-03	1.52E-04	2.19E-06	6.44E-07	2.08E-03	1.69E-03	0.00012	2.1E-06	6.7E-07	0.0018
2912	487951.04, 3857011.26	0.92869	1.81196	1.21972	1.27174	1.12755	1.75E-03	0.00016	2.5E-06	1.3E-06	1.91E-03	2.14E-03	1.95E-04	2.49E-06	7.05E-07	2.34E-03	1.89E-03	0.00015	2.4E-06	7.3E-07	0.002
2913	488001.04, 3857011.26	0.89773	1.76889	1.18112	1.21719	1.09423	1.69E-03	0.00016	2.4E-06	1.2E-06	1.85E-03	2.07E-03	1.90E-04	2.38E-06	6.84E-07	2.26E-03	1.82E-03	0.00015	2.3E-06	7.1E-07	0.002
2914	488051.04, 3857011.26	0.86834	1.72219	1.14362	1.1662	1.06622	1.63E-03	0.00015	2.3E-06	1.2E-06	1.79E-03	2.00E-03	1.85E-04	2.28E-06	6.67E-07	2.19E-03	1.76E-03	0.00014	2.2E-06	6.9E-07	0.0019
2915	488101.04, 3857011.26	0.83738	1.65956	1.0993	1.11298	1.06346	1.57E-03	0.00015	2.2E-06	1.2E-06	1.72E-03	1.93E-03	1.78E-04	2.18E-06	6.65E-07	2.11E-03	1.70E-03	0.00014	2.1E-06	6.9E-07	0.0018
2916	488001.04, 3857061.26	0.89973	2.09187	1.21828	1.2064	1.13728	1.69E-03	0.00018	2.4E-06	1.3E-06	1.88E-03	2.07E-03	2.25E-04	2.36E-06	7.11E-07	2.30E-03	1.83E-03	0.00017	2.3E-06	7.3E-07	0.002
2917	488051.04, 3857061.26	0.86945	2.00726	1.17459	1.15275	1.11613	1.63E-03	0.00018	2.3E-06	1.2E-06	1.81E-03	2.00E-03	2.16E-04	2.26E-06	6.98E-07	2.22E-03	1.77E-03	0.00017	2.2E-06	7.2E-07	0.0019
2918	488101.04, 3857061.26	0.84013	1.92097	1.13167	1.10201	1.10114	1.58E-03	0.00017	2.2E-06	1.2E-06	1.75E-03	1.93E-03	2.07E-04	2.16E-06	6.89E-07	2.14E-03	1.71E-03	0.00016	2.1E-06	7.1E-07	0.0019
2919	487638.98, 3856673.79	1.0966	0.43016	1.22421	1.4823	0.9455	2.06E-03	3.8E-05	2.9E-06	1.1E-06	2.10E-03	2.53E-03	4.62E-05	2.90E-06	5.91E-07	2.58E-03	2.23E-03	3.6E-05	2.8E-06	6.1E-07	0.0023
2920	487688.98, 3856673.79	1.05517	0.44355	1.18285	1.42572	0.93019	1.98E-03	3.9E-05	2.8E-06	1E-06	2.03E-03	2.43E-03	4.77E-05	2.79E-06	5.82E-07	2.48E-03	2.14E-03	3.7E-05	2.7E-06	6E-07	0.0022
2921	487638.98, 3856723.79	1.12881	0.49844	1.26684	1.53446	0.99143	2.12E-03	4.4E-05	3E-06	1.1E-06	2.17E-03	2.60E-03	5.36E-05	3.01E-06	6.20E-07	2.66E-03	2.29E-03	4.1E-05	2.9E-06	6.4E-07	0.0023
2922	487688.98, 3856723.79	1.08355	0.51744	1.22267	1.4726	0.97285	2.04E-03	4.5E-05	2.9E-06	1.1E-06	2.09E-03	2.50E-03	5.56E-05	2.88E-06	6.08E-07	2.55E-03	2.20E-03	4.3E-05	2.8E-06	6.3E-07	0.0022
2923	486324.61, 3855740.57	1.17471	0.43693	1.29562	1.53821	0.72017	2.21E-03	3.8E-05	3.1E-06	8E-07	2.25E-03	2.71E-03	4.70E-05	3.01E-06	4.50E-07	2.76E-03	2.39E-03	3.6E-05	2.9E-06	4.7E-07	0.0024
2924	486374.61, 3855740.57	1.09659	0.42274	1.21394	1.43256	0.67595	2.06E-03	3.7E-05	2.8E-06	7.6E-07	2.10E-03	2.53E-03	4.54E-05	2.81E-06	4.23E-07	2.57E-03	2.23E-03	3.5E-05	2.7E-06	4.4E-07	0.0023
2925	486424.61, 3855740.57	1.04813	0.41325	1.16158	1.36736	0.6479	1.97E-03	3.6E-05	2.7E-06	7.2E-07	2.01E-03	2.41E-03	4.44E-05	2.68E-06	4.05E-07	2.46E-03	2.13E-03	3.4E-05	2.6E-06	4.2E-07	0.0022
2926	486324.61, 3855790.57	1.23687	0.4152	1.36955	1.6284	0.76816	2.32E-03	3.6E-05	3.2E-06	8.6E-07	2.36E-03	2.85E-03	4.46E-05	3.19E-06	4.80E-07	2.90E-03	2.51E-03	3.4E-05	3.1E-06	5E-07	0.0025
2927	486374.61, 3855790.57	1.15649	0.40307	1.28586	1.51984	0.7226	2.17E-03	3.5E-05	3E-06	8.1E-07	2.21E-03	2.66E-03	4.33E-05	2.98E-06	4.52E-07	2.71E-03	2.35E-03	3.3E-05	2.9E-06	4.7E-07	0.0024
2928	486424.61, 3855790.57	1.1136	0.39618	1.23852	1.46232	0.69696	2.09E-03	3.5E-05	2.9E-06	7.8E-07	2.13E-03	2.56E-03	4.26E-05	2.86E-06	4.36E-07	2.61E-03	2.26E-03	3.3E-05	2.8E-06	4.5E-07	0.0023
2929	486324.61, 3855840.57	1.30364	0.39596	1.44778	1.72402	0.81749	2.45E-03	3.5E-05	3.4E-06	9.1E-07	2.49E-03	3.00E-03	4.26E-05	3.38E-06	5.11E-07	3.05E-03	2.65E-03	3.3E-05	3.3E-06	5.3E-07	0.0027
2930	486374.61, 3855840.57	1.24599	0.38931	1.38525	1.64682	0.78362	2.34E-03	3.4E-05	3.3E-06	8.8E-07	2.38E-03	2.87E-03	4.19E-05	3.23E-06	4.90E-07	2.91E-03	2.53E-03	3.2E-05	3.1E-06	5.1E-07	0.0026
2931	486424.61, 3855840.57	1.18561	0.38122	1.32065	1.56572	0.74846	2.23E-03	3.3E-05	3.1E-06	8.4E-07	2.27E-03	2.73E-03	4.10E-05	3.07E-06	4.68E-07	2.77E-03	2.41E-03	3.2E-05	3E-06	4.8E-07	0.0024
2932	486324.61, 3855890.57	1.41189	0.38271	1.56187	1.87519	0.88697	2.65E-03	3.4E-05	3.7E-06	9.9E-07	2.69E-03	3.25E-03	4.11E-05	3.67E-06	5.55E-07	3.30E-03	2.87E-03	3.2E-05	3.6E-06	5.7E-07	0.0029
2933	486374.61, 3855890.57	1.34039	0.3763	1.48626	1.77926	0.84575	2.52E-03	3.3E-05	3.5E-06	9.4E-07	2.56E-03	3.09E-03	4.05E-05	3.49E-06	5.29E-07	3.13E-03	2.72E-03	3.1E-05	3.4E-06	5.5E-07	0.0028
2934	486424.61, 3855890.57	1.26825	0.36853	1.41099	1.68247	0.80425	2.38E-03	3.2E-05	3.3E-06	9E-07	2.42E-03	2.92E-03	3.96E-05	3.30E-06	5.03E-07	2.96E-03	2.58E-03	3E-05	3.2E-06	5.2E-07	0.0026
2935	488735.69, 3858285.64	0.54615	0.31841	0.28673	0.17979	0.62329	1.03E-03	2.8E-05	3.6E-07	7E-07	1.06E-03	1.26E-03	3.42E-05	3.52E-07	3.90E-07	1.29E-03	1.11E-03	2.6E-05	3.4E-07	4E-07	0.0011
2936	488765.69, 3858285.64	0.53273	0.31945	0.28676	0.18001	0.61578	1.00E-03	2.8E-05	3.6E-07	6.9E-07	1.03E-03	1.23E-03	3.43E-05	3.53E-07	3.85E-07	1.26E-03	1.08E-03	2.6E-05	3.4E-07	4E-07	0.0011
2937	488735.69, 3858315.64	0.55744	0.30189	0.27202	0.17358	0.57591	1.05E-03	2.6E-05	3.4E-07	6.4E-07	1.08E-03	1.28E-03	3.25E-05	3.40E-07	3.60E-07	1.32E-03	1.13E-03	2.5E-05	3.3E-07	3.7E-07	0.0012
2938	488765.69, 3858315.64	0.54272	0.30308	0.2723	0.17366	0.57049	1.02E-03	2.7E-05	3.4E-07	6.4E-07	1.05E-03	1.25E-03	3.26E-05	3.40E-07	3.57E-07	1.28E-03	1.10E-03	2.5E-05	3.3E-07	3.7E-07	0.0011
2939	478676.63, 3849871.93	0.01332	0.01204	0.01115	0.01213	0.0081	2.50E-05	1.1E-06	2.4E-08	9.1E-09	2.61E-05	3.07E-05	1.29E-06	2.38E-08	5.07E-09	3.20E-05	2.70E-05	1E-06	2.3E-08	5.2E-09	3E-05
2940	479326.63, 3849871.93	0.01631	0.01631	0.01536	0.01604	0.01033	3.06E-05	1.4E-06	3.2E-08	1.2E-08	3.21E-05	3.76E-05	1.75E-06	3.14E-08	6.46E-09	3.94E-05	3.31E-05	1.3E-06	3.1E-08	6.7E-09	3E-05

2941	479376.63, 3849871.93	0.01647	0.01651	0.01561	0.01634	0.01055	3.10E-05	1.4E-06	3.2E-08	1.2E-08	3.24E-05	3.79E-05	1.77E-06	3.20E-08	6.60E-09	3.97E-05	3.34E-05	1.4E-06	3.1E-08	6.8E-09	3E-05
2942	479426.63, 3849871.93	0.01666	0.01671	0.01587	0.01664	0.01083	3.13E-05	1.5E-06	3.3E-08	1.2E-08	3.28E-05	3.84E-05	1.80E-06	3.26E-08	6.77E-09	4.02E-05	3.38E-05	1.4E-06	3.2E-08	7E-09	4E-05
2943	478726.63, 3849921.93	0.01356	0.01221	0.01131	0.01235	0.00823	2.55E-05	1.1E-06	2.5E-08	9.2E-09	2.66E-05	3.12E-05	1.31E-06	2.42E-08	5.15E-09	3.26E-05	2.75E-05	1E-06	2.3E-08	5.3E-09	3E-05
2944	478776.63, 3849921.93	0.0138	0.01253	0.01158	0.01257	0.00836	2.59E-05	1.1E-06	2.5E-08	9.3E-09	2.71E-05	3.18E-05	1.35E-06	2.46E-08	5.23E-09	3.32E-05	2.80E-05	1E-06	2.4E-08	5.4E-09	3E-05
2945	478826.63, 3849921.93	0.01404	0.01287	0.01187	0.01278	0.00848	2.64E-05	1.1E-06	2.5E-08	9.5E-09	2.75E-05	3.23E-05	1.38E-06	2.50E-08	5.30E-09	3.37E-05	2.85E-05	1.1E-06	2.4E-08	5.5E-09	3E-05
2946	478976.63, 3849921.93	0.01478	0.01398	0.01285	0.01359	0.00893	2.78E-05	1.2E-06	2.7E-08	1E-08	2.90E-05	3.40E-05	1.50E-06	2.66E-08	5.59E-09	3.56E-05	3.00E-05	1.2E-06	2.6E-08	5.8E-09	3E-05
2947	479026.63, 3849921.93	0.01513	0.01439	0.01324	0.01398	0.00922	2.84E-05	1.3E-06	2.8E-08	1E-08	2.97E-05	3.48E-05	1.55E-06	2.74E-08	5.77E-09	3.64E-05	3.07E-05	1.2E-06	2.7E-08	6E-09	3E-05
2948	479076.63, 3849921.93	0.01541	0.01478	0.01362	0.01434	0.00945	2.90E-05	1.3E-06	2.8E-08	1.1E-08	3.03E-05	3.55E-05	1.59E-06	2.81E-08	5.91E-09	3.71E-05	3.13E-05	1.2E-06	2.7E-08	6.1E-09	3E-05
2949	479126.63, 3849921.93	0.01567	0.01516	0.01398	0.01469	0.00968	2.94E-05	1.3E-06	2.9E-08	1.1E-08	3.08E-05	3.61E-05	1.63E-06	2.88E-08	6.05E-09	3.77E-05	3.18E-05	1.3E-06	2.8E-08	6.3E-09	3E-05
2950	479176.63, 3849921.93	0.01597	0.01553	0.01436	0.01508	0.00999	3.00E-05	1.4E-06	3E-08	1.1E-08	3.14E-05	3.68E-05	1.67E-06	2.95E-08	6.25E-09	3.85E-05	3.24E-05	1.3E-06	2.9E-08	6.5E-09	3E-05
2951	479226.63, 3849921.93	0.01612	0.01584	0.01469	0.01537	0.01006	3.03E-05	1.4E-06	3.1E-08	1.1E-08	3.17E-05	3.71E-05	1.70E-06	3.01E-08	6.29E-09	3.89E-05	3.27E-05	1.3E-06	2.9E-08	6.5E-09	3E-05
2952	479276.63, 3849921.93	0.01612	0.01604	0.01494	0.01557	0.00995	3.03E-05	1.4E-06	3.1E-08	1.1E-08	3.17E-05	3.71E-05	1.72E-06	3.05E-08	6.22E-09	3.89E-05	3.27E-05	1.3E-06	3E-08	6.4E-09	3E-05
2953	479326.63, 3849921.93	0.01661	0.01645	0.01538	0.01611	0.0107	3.12E-05	1.4E-06	3.2E-08	1.2E-08	3.27E-05	3.82E-05	1.77E-06	3.16E-08	6.69E-09	4.01E-05	3.37E-05	1.4E-06	3.1E-08	6.9E-09	4E-05
2954	479376.63, 3849921.93	0.01658	0.01658	0.01558	0.01629	0.01055	3.12E-05	1.5E-06	3.2E-08	1.2E-08	3.27E-05	3.82E-05	1.78E-06	3.19E-08	6.60E-09	4.00E-05	3.37E-05	1.4E-06	3.1E-08	6.8E-09	4E-05
2955	479426.63, 3849921.93	0.01693	0.01688	0.01593	0.0167	0.01112	3.18E-05	1.5E-06	3.3E-08	1.2E-08	3.33E-05	3.90E-05	1.81E-06	3.27E-08	6.95E-09	4.08E-05	3.44E-05	1.4E-06	3.2E-08	7.2E-09	4E-05
2956	478726.63, 3849971.93	0.01356	0.01208	0.01121	0.01237	0.00823	2.55E-05	1.1E-06	2.5E-08	9.2E-09	2.66E-05	3.12E-05	1.30E-06	2.42E-08	5.15E-09	3.26E-05	2.75E-05	1E-06	2.4E-08	5.3E-09	3E-05
2957	478776.63, 3849971.93	0.01379	0.01238	0.01146	0.01256	0.00834	2.59E-05	1.1E-06	2.5E-08	9.3E-09	2.70E-05	3.18E-05	1.33E-06	2.46E-08	5.22E-09	3.31E-05	2.80E-05	1E-06	2.4E-08	5.4E-09	3E-05
2958	478826.63, 3849971.93	0.01402	0.0127	0.01173	0.01276	0.00846	2.63E-05	1.1E-06	2.5E-08	9.5E-09	2.75E-05	3.23E-05	1.37E-06	2.50E-08	5.29E-09	3.37E-05	2.85E-05	1.1E-06	2.4E-08	5.5E-09	3E-05
2959	478976.63, 3849971.93	0.01488	0.01381	0.01271	0.01361	0.00901	2.80E-05	1.2E-06	2.7E-08	1E-08	2.92E-05	3.43E-05	1.48E-06	2.67E-08	5.64E-09	3.58E-05	3.02E-05	1.1E-06	2.6E-08	5.8E-09	3E-05
2960	479026.63, 3849971.93	0.01513	0.01419	0.01305	0.01388	0.00918	2.84E-05	1.2E-06	2.8E-08	1E-08	2.97E-05	3.48E-05	1.53E-06	2.72E-08	5.74E-09	3.64E-05	3.07E-05	1.2E-06	2.6E-08	5.9E-09	3E-05
2961	479076.63, 3849971.93	0.01538	0.01459	0.01341	0.01419	0.00936	2.89E-05	1.3E-06	2.8E-08	1E-08	3.02E-05	3.54E-05	1.57E-06	2.78E-08	5.85E-09	3.70E-05	3.12E-05	1.2E-06	2.7E-08	6E-09	3E-05
2962	479126.63, 3849971.93	0.01566	0.01498	0.01379	0.01455	0.00961	2.94E-05	1.3E-06	2.9E-08	1.1E-08	3.08E-05	3.61E-05	1.61E-06	2.85E-08	6.01E-09	3.77E-05	3.18E-05	1.2E-06	2.8E-08	6.2E-09	3E-05
2963	479176.63, 3849971.93	0.01595	0.01537	0.01417	0.01493	0.00987	3.00E-05	1.3E-06	3E-08	1.1E-08	3.14E-05	3.67E-05	1.65E-06	2.92E-08	6.17E-09	3.84E-05	3.24E-05	1.3E-06	2.8E-08	6.4E-09	3E-05
2964	479226.63, 3849971.93	0.01589	0.01564	0.01443	0.01503	0.00962	2.99E-05	1.4E-06	3E-08	1.1E-08	3.13E-05	3.66E-05	1.68E-06	2.94E-08	6.02E-09	3.83E-05	3.23E-05	1.3E-06	2.9E-08	6.2E-09	3E-05
2965	479276.63, 3849971.93	0.01638	0.01607	0.01489	0.01559	0.01027	3.08E-05	1.4E-06	3.1E-08	1.1E-08	3.22E-05	3.77E-05	1.73E-06	3.05E-08	6.42E-09	3.95E-05	3.33E-05	1.3E-06	3E-08	6.6E-09	3E-05
2966	479326.63, 3849971.93	0.01677	0.01643	0.01528	0.01608	0.01084	3.15E-05	1.4E-06	3.2E-08	1.2E-08	3.30E-05	3.86E-05	1.77E-06	3.15E-08	6.78E-09	4.04E-05	3.40E-05	1.4E-06	3.1E-08	7E-09	4E-05
2967	479376.63, 3849971.93	0.01678	0.01665	0.01555	0.01628	0.01072	3.15E-05	1.5E-06	3.2E-08	1.2E-08	3.30E-05	3.86E-05	1.79E-06	3.19E-08	6.70E-09	4.05E-05	3.41E-05	1.4E-06	3.1E-08	6.9E-09	4E-05
2968	479426.63, 3849971.93	0.01705	0.01693	0.01588	0.01666	0.01113	3.20E-05	1.5E-06	3.3E-08	1.2E-08	3.36E-05	3.93E-05	1.82E-06	3.26E-08	6.96E-09	4.11E-05	3.46E-05	1.4E-06	3.2E-08	7.2E-09	4E-05
2969	478726.63, 3850021.93	0.01357	0.01198	0.01115	0.01241	0.00824	2.55E-05	1.1E-06	2.5E-08	9.2E-09	2.66E-05	3.12E-05	1.29E-06	2.43E-08	5.15E-09	3.26E-05	2.76E-05	9.9E-07	2.4E-08	5.3E-09	3E-05
2970	478776.63, 3850021.93	0.01378	0.01225	0.01137	0.01256	0.00834	2.59E-05	1.1E-06	2.5E-08	9.3E-09	2.70E-05	3.17E-05	1.32E-06	2.46E-08	5.22E-09	3.31E-05	2.80E-05	1E-06	2.4E-08	5.4E-09	3E-05
2971	478826.63, 3850021.93	0.01402	0.01255	0.01162	0.01276	0.00846	2.63E-05	1.1E-06	2.5E-08	9.5E-09	2.75E-05	3.23E-05	1.35E-06	2.50E-08	5.29E-09	3.37E-05	2.85E-05	1E-06	2.4E-08	5.5E-09	3E-05
2972	478976.63, 3850021.93	0.01486	0.01361	0.01253	0.01354	0.00896	2.79E-05	1.2E-06	2.7E-08	1E-08	2.92E-05	3.42E-05	1.46E-06	2.65E-08	5.60E-09	3.57E-05	3.02E-05	1.1E-06	2.6E-08	5.8E-09	3E-05
2973	478726.63, 3850071.93	0.0136	0.01191	0.01111	0.01249	0.00827	2.56E-05	1E-06	2.5E-08	9.2E-09	2.66E-05	3.13E-05	1.28E-06	2.45E-08	5.17E-09	3.26E-05	2.76E-05	9.8E-07	2.4E-08	5.3E-09	3E-05
2974	478776.63, 3850071.93	0.01381	0.01216	0.01131	0.01264	0.00836	2.60E-05	1.1E-06	2.5E-08	9.3E-09	2.71E-05	3.18E-05	1.31E-06	2.48E-08	5.23E-09	3.31E-05	2.80E-05	1E-06	2.4E-08	5.4E-09	3E-05
2975	478826.63, 3850071.93	0.01404	0.01243	0.01154	0.01281	0.00847	2.64E-05	1.1E-06	2.5E-08	9.5E-09	2.75E-05	3.23E-05	1.34E-06	2.51E-08	5.30E-09	3.37E-05	2.85E-05	1E-06	2.4E-08	5.5E-09	3E-05
2976	478876.63, 3850071.93	0.01429	0.01274	0.01179	0.01301	0.0086	2.69E-05	1.1E-06	2.6E-08	9.6E-09	2.80E-05	3.29E-05	1.37E-06	2.55E-08	5.38E-09	3.43E-05	2.90E-05	1.1E-06	2.5E-08	5.6E-09	3E-05
2977	478976.63, 3850071.93	0.01486	0.01343	0.01239	0.01352	0.00894	2.79E-05	1.2E-06	2.7E-08	1E-08	2.91E-05	3.42E-05	1.44E-06	2.65E-08	5.59E-09	3.57E-05	3.02E-05	1.1E-06	2.6E-08	5.8E-09	3E-05
2978	478726.63, 3850121.93	0.01365	0.01211	0.0111	0.01259	0.00831	2.57E-05	1.1E-06	2.5E-08	9.3E-09	2.67E-05	3.14E-05	1.30E-06	2.47E-08	5.20E-09	3.28E-05	2.77E-05	1E-06	2.4E-08	5.4E-09	3E-05
2979	478776.63, 3850121.93	0.01387	0.01232	0.01129	0.01273	0.0084	2.61E-05	1.1E-06	2.5E-08	9.4E-09	2.72E-05	3.19E-05	1.32E-06	2.49E-08	5.25E-09	3.33E-05	2.82E-05	1E-06	2.4E-08	5.4E-09	3E-05
2980	478826.63, 3850121.93	0.01408	0.01255	0.01149	0.01288	0.00849	2.65E-05	1.1E-06	2.6E-08	9.5E-09	2.76E-05	3.24E-05	1.35E-06	2.52E-08	5.31E-09	3.38E-05	2.86E-05	1E-06	2.5E-08	5.5E-09	3E-05
2981	478876.63, 3850121.93	0.0143	0.0128	0.01171	0.01304	0.0086	2.69E-05	1.1E-06	2.6E-08	9.6E-09	2.80E-05	3.29E-05	1.38E-06	2.55E-08	5.38E-09	3.43E-05	2.90E-05	1.1E-06	2.5E-08	5.6E-09	3E-05
2982	478976.63, 3850121.93	0.01487	0.01338	0.01226	0.01352	0.00891	2.79E-05	1.2E-06	2.7E-08	1E-08	2.92E-05	3.42E-05	1.44E-06	2.65E-08	5.57E-09	3.57E-05	3.02E-05	1.1E-06	2.6E-08	5.8E-09	3E-05
2983	479026.63, 3850121.93	0.01515	0.0137	0.01257	0.01378	0.00909	2.85E-05	1.2E-06	2.7E-08	1E-08	2.97E-05	3.49E-05	1.47E-06	2.70E-08	5.69E-09	3.64E-05	3.08E-05	1.1E-06	2.6E-08	5.9E-09	3E-05
2984	479076.63, 3850121.93	0.01541	0.014	0.01288	0.01403	0.00927	2.90E-05	1.2E-06	2.8E-08	1E-08	3.02E-05	3.55E-05	1.51E-06	2.75E-08	5.80E-09	3.70E-05	3.13E-05	1.2E-06	2.7E-08	6E-09	3E-05
2985	479126.63, 3850121.93	0.01568	0.01438	0.01322	0.01432	0.00946	2.95E-05	1.3E-06	2.8E-08	1.1E-08	3.08E-05	3.61E-05	1.55E-06	2.81E-08	5.92E-09	3.77E-05	3.18E-05	1.2E-06	2.7E-08	6.1E-09	3E-05
2986	478776.63, 3850171.93	0.01391	0.01228	0.01128	0.01283	0.00845	2.61E-05	1.1E-06	2.5E-08	9.4E-09	2.73E-05	3.20E-05	1.32E-06	2.51E-08	5.28E-09	3.34E-05	2.82E-05	1E-06	2.4E-08	5.5E-09	3E-05
2987	478826.63, 3850171.93	0.01411	0.01249	0.01146	0.01295	0.00852	2.65E-05	1.1E-06	2.6E-08	9.5E-09	2.76E-05	3.25E-05	1.34E-06	2.54E-08	5.33E-09	3.39E-05	2.86E-05	1E-06	2.5E-08	5.5E-09	3E-05
2988	478876.63, 3850171.93	0.01433	0.01272	0.01166	0.0131	0.00862	2.69E-05	1.1E-06	2.6E-08	9.6E-09	2.81E-05	3.30E-05	1.37E-06	2.57E-08	5.39E-09	3.44E-05	2.91E-05	1.1E-06	2.5E-08	5.6E-09	3E-05
2989	478976.63, 3850171.93	0.01488	0.01327	0.01217	0.01353	0.0089	2.80E-05	1.2E-06	2.7E-08	9.9E-09	2.92E-05	3.43E-05	1.43E-06	2.65E-08	5.57E-09	3.57E-05	3.02E-05	1.1E-06	2.6E-08	5.7E-09	3E-05
2990	479026.63, 3850171.93	0.01517	0.01358	0.01274	0.0138	0.00908	2.85E-05	1.2E-06	2.7E-08	1E-08	2.97E-05	3.49E-05	1.46E-06	2.70E-08	5.68E-09	3.64E-05	3.08E-05	1.1E-06	2.6E-08	5.9E-09	3E-05
2991	479076.63, 3850171.93	0.01543	0.01389	0.01275	0.01402	0.00924	2.90E-05	1.2E-06	2.8E-08	1E-08	3.03E-05	3.55E-05	1.49E-06	2.75E-08	5.78E-09	3.71E-05	3.13E-05	1.1E-06	2.7E-08	6E-09	3E-05
2992	479126.63, 3850171.93	0.0157	0.01423	0.01307	0.0143	0.00944	2.95E-05	1.2E-06	2.8E-08	1.1E-08	3.08E-05	3.62E-05	1.53E-06	2.80E-08	5.90E-09	3.77E-05	3.19E-05	1.2E-06	2.7E-08	6.1E-09	3E-05
2993	479176.63, 3850171.93	0.01601	0.01458	0.01342	0.01462	0.00968	3.01E-05	1.3E-06	2.9E-08	1.1E-08	3.14E-05	3.69E-05	1.57E-06	2.86E-08	6.05E-09	3.85E-05	3.25E-05	1.2E-06	2.8E-08	6.3E-09	3E-05
2994	479226.63, 3850171.93	0.0164	0.01496	0.01391	0.01503	0.01002	3.08E-05	1.3E-06	3E-08	1.1E-08	3.22E-05	3.78E-05	1.61E-06	2.94E-08	6.27E-09	3.94E-05	3.33E-05	1.2E-06	2.9E-08	6.5E-09	3E-05
2995	479276.63, 3850171.93	0.01678	0.01535	0.01424	0.01545	0.01041	3.15E-05	1.3E-06	3.1E-08	1.2E-08	3.29E-05	3.86E-05	1.65E-06	3.03E-08	6.51E-09	4.03E-05	3.41E-05	1.3E-06	2.9E-08	6.7E-09	4E-05
2996	479326.63, 3850171.93	0.01703	0.0157	0.01456	0.01576	0.01067	3.20E-05	1.4E-06	3.1E-08	1.2E-08	3.34E-05	3.92E-05	1.69E-06	3.09E-08	6.67E-09	4.09E-05	3.46E-05	1.3E-06	3E-08	6.9E-09	4E-05
2997	479376.63, 3850171.93	0.01727	0.01605	0.01492	0.01608	0.01093	3.25E-05	1.4E-06	3.2E-08	1.2E-08	3.39E-05	3.98E-05	1.73E-06	3.15E-08	6.84E-09	4.15E-05	3.51E-05	1.3E-06	3.1E-08	7.1E-09	4E-05
2998	478676.63, 3850221.93	0.01356	0.01198	0.01102	0.01271	0.00843	2.55E-05	1.1E-06	2.5E-08	9.4E-09	2.66E-05	3.12E-05	1.29E-06	2.49E-08	5.27E-09	3.25E-05	2.75E-05	9.9E-07	2.4E-08	5.4E-09	3E-05
2999	478726.63, 3850221.93	0.01377	0.01212	0.01116	0.01283	0.00848	2.59E-05	1.1E-06	2.5E-08	9.5E-09	2.70E-05	3.17E-05	1.30E-06	2.51E-08	5.30E-09	3.30E-05	2.80E-05	1E-06	2.4E-08	5.5E-09	3E-05
3000	478976.63, 3850221.93	0.01491	0.01317	0.01241	0.01359	0.00891	2.80E-05	1.2E-06	2.7E-08	1E-08	2.92E-05	3.43E-05	1.42E-06	2.66E-08	5.57E-09	3.58E-05	3.03E-05	1.1E-06	2.6E-08	5.8E-09	3E-05
3001	479026.63, 3850221.93	0.01519	0.01347	0.01264	0.01383	0.00907	2.85E-05	1.2E-06	2.7E-08	1E-08	2.98E-05	3.50E-05	1.45E-06	2.71E-08	5.67E-09	3.65E-05	3.08E-05	1.1E-06	2.6E-08	5.9E-09	3E-05
3002	479076.63, 3850221.93	0.01545	0.01377	0.0129	0.01405	0.00923	2.90E-05	1.2E-06	2.8E-08	1E-08	3.03E-05	3.56E-05	1.48E-06	2.75E-08	5.77E-09	3.71E-05	3.14E-05	1.1E-06	2.7E-08	6E-09	3E-05
3003	479126.63, 3850221.93	0.01573	0.01409	0.01317	0.0143	0.00941	2.96E-05	1.2E-06	2.8E-08	1.1E-08	3.08E-05	3.62E-05	1.51E-06	2.80E-08	5.89E-09	3.78E-05	3.19E-05	1.2E-06	2.7E-08	6.1E-09	3E-05
3004	479176.63, 3850221.93	0.01607	0.01445	0.01346	0.01463	0.00966	3.02E-05	1.3E-06	2.9E-08	1.1E-08	3.15E-05	3.70E-05	1.55E-06	2.87E-08	6.04E-09	3.86E-05	3.26E-05	1.2E-06	2.8E-08	6.2E-09	3E-05

3005	479226.63, 3850221.93	0.01642	0.01482	0.01377	0.01498	0.00995	3.09E-05	1.3E-06	3E-08	1.1E-08	3.22E-05	3.78E-05	1.59E-06	2.93E-08	6.22E-09	3.94E-05	3.33E-05	1.2E-06	2.8E-08	6.4E-09	3E-05
3006	479276.63, 3850221.93	0.01676	0.0152	0.01409	0.01536	0.01027	3.15E-05	1.3E-06	3E-08	1.1E-08	3.29E-05	3.86E-05	1.63E-06	3.01E-08	6.42E-09	4.03E-05	3.40E-05	1.3E-06	2.9E-08	6.6E-09	4E-05
3007	479326.63, 3850221.93	0.01701	0.01555	0.01441	0.01565	0.01051	3.20E-05	1.4E-06	3.1E-08	1.2E-08	3.34E-05	3.92E-05	1.67E-06	3.07E-08	6.57E-09	4.09E-05	3.45E-05	1.3E-06	3E-08	6.8E-09	4E-05
3008	479376.63, 3850221.93	0.01729	0.01592	0.01474	0.01598	0.01081	3.25E-05	1.4E-06	3.2E-08	1.2E-08	3.39E-05	3.98E-05	1.71E-06	3.13E-08	6.76E-09	4.16E-05	3.51E-05	1.3E-06	3E-08	7E-09	4E-05
3009	478676.63, 3850271.93	0.01367	0.01205	0.01112	0.01289	0.00858	2.57E-05	1.1E-06	2.6E-08	9.6E-09	2.68E-05	3.15E-05	1.30E-06	2.53E-08	5.37E-09	3.28E-05	2.78E-05	1E-06	2.5E-08	5.5E-09	3E-05
3010	478726.63, 3850271.93	0.01386	0.01216	0.01159	0.01299	0.0086	2.60E-05	1.1E-06	2.6E-08	9.6E-09	2.71E-05	3.19E-05	1.31E-06	2.54E-08	5.38E-09	3.33E-05	2.81E-05	1E-06	2.5E-08	5.6E-09	3E-05
3011	478976.63, 3850271.93	0.01493	0.0131	0.01234	0.01364	0.00892	2.81E-05	1.1E-06	2.7E-08	1E-08	2.92E-05	3.44E-05	1.41E-06	2.67E-08	5.58E-09	3.58E-05	3.03E-05	1.1E-06	2.6E-08	5.8E-09	3E-05
3012	479026.63, 3850271.93	0.01521	0.01337	0.01256	0.01388	0.00908	2.86E-05	1.2E-06	2.8E-08	1E-08	2.98E-05	3.50E-05	1.44E-06	2.72E-08	5.68E-09	3.65E-05	3.09E-05	1.1E-06	2.6E-08	5.9E-09	3E-05
3013	479076.63, 3850271.93	0.01548	0.01366	0.0128	0.01409	0.00923	2.91E-05	1.2E-06	2.8E-08	1E-08	3.03E-05	3.56E-05	1.47E-06	2.76E-08	5.77E-09	3.71E-05	3.14E-05	1.1E-06	2.7E-08	6E-09	3E-05
3014	479126.63, 3850271.93	0.01576	0.01398	0.01306	0.01433	0.0094	2.96E-05	1.2E-06	2.8E-08	1.1E-08	3.09E-05	3.63E-05	1.50E-06	2.81E-08	5.88E-09	3.78E-05	3.20E-05	1.2E-06	2.7E-08	6.1E-09	3E-05
3015	479176.63, 3850271.93	0.01607	0.01432	0.01334	0.01462	0.00962	3.02E-05	1.3E-06	2.9E-08	1.1E-08	3.15E-05	3.70E-05	1.54E-06	2.86E-08	6.02E-09	3.86E-05	3.26E-05	1.2E-06	2.8E-08	6.2E-09	3E-05
3016	479226.63, 3850271.93	0.0164	0.01468	0.01363	0.01494	0.00988	3.08E-05	1.3E-06	3E-08	1.1E-08	3.21E-05	3.78E-05	1.58E-06	2.93E-08	6.18E-09	3.94E-05	3.33E-05	1.2E-06	2.8E-08	6.4E-09	3E-05
3017	479276.63, 3850271.93	0.01671	0.01504	0.01394	0.01526	0.01014	3.14E-05	1.3E-06	3E-08	1.1E-08	3.28E-05	3.85E-05	1.62E-06	2.99E-08	6.34E-09	4.01E-05	3.39E-05	1.2E-06	2.9E-08	6.6E-09	4E-05
3018	479326.63, 3850271.93	0.01699	0.0154	0.01426	0.01555	0.01038	3.19E-05	1.4E-06	3.1E-08	1.2E-08	3.33E-05	3.91E-05	1.66E-06	3.05E-08	6.49E-09	4.08E-05	3.45E-05	1.3E-06	3E-08	6.7E-09	4E-05
3019	479376.63, 3850271.93	0.01724	0.01576	0.01459	0.01583	0.01061	3.24E-05	1.4E-06	3.1E-08	1.2E-08	3.38E-05	3.97E-05	1.69E-06	3.10E-08	6.64E-09	4.14E-05	3.50E-05	1.3E-06	3E-08	6.9E-09	4E-05
3020	479053.24, 3850293.52	0.01537	0.01349	0.01265	0.01402	0.00917	2.89E-05	1.2E-06	2.8E-08	1E-08	3.01E-05	3.54E-05	1.45E-06	2.75E-08	5.74E-09	3.69E-05	3.12E-05	1.1E-06	2.7E-08	5.9E-09	3E-05
3021	479103.24, 3850293.52	0.01565	0.01379	0.01289	0.01425	0.00933	2.94E-05	1.2E-06	2.8E-08	1E-08	3.07E-05	3.60E-05	1.48E-06	2.79E-08	5.84E-09	3.76E-05	3.18E-05	1.1E-06	2.7E-08	6E-09	3E-05
3022	479153.24, 3850293.52	0.01592	0.0141	0.01315	0.01448	0.0095	2.99E-05	1.2E-06	2.9E-08	1.1E-08	3.12E-05	3.67E-05	1.52E-06	2.84E-08	5.94E-09	3.82E-05	3.23E-05	1.2E-06	2.8E-08	6.1E-09	3E-05
3023	479203.24, 3850293.52	0.01625	0.01445	0.01344	0.01478	0.00973	3.05E-05	1.3E-06	2.9E-08	1.1E-08	3.18E-05	3.74E-05	1.55E-06	2.90E-08	6.09E-09	3.90E-05	3.30E-05	1.2E-06	2.8E-08	6.3E-09	3E-05
3024	479253.24, 3850293.52	0.01657	0.01481	0.01374	0.01508	0.00998	3.11E-05	1.3E-06	3E-08	1.1E-08	3.25E-05	3.82E-05	1.59E-06	2.95E-08	6.24E-09	3.98E-05	3.36E-05	1.2E-06	2.9E-08	6.4E-09	3E-05
3025	479303.24, 3850293.52	0.01684	0.01516	0.01405	0.01537	0.01021	3.16E-05	1.3E-06	3.1E-08	1.1E-08	3.30E-05	3.88E-05	1.63E-06	3.01E-08	6.39E-09	4.04E-05	3.42E-05	1.3E-06	2.9E-08	6.6E-09	4E-05
3026	479353.24, 3850293.52	0.01711	0.01552	0.01437	0.01565	0.01043	3.22E-05	1.4E-06	3.1E-08	1.2E-08	3.36E-05	3.94E-05	1.67E-06	3.07E-08	6.52E-09	4.11E-05	3.47E-05	1.3E-06	3E-08	6.7E-09	4E-05
3027	479153.24, 3850343.52	0.01595	0.01414	0.01305	0.01451	0.0095	3.00E-05	1.2E-06	2.9E-08	1.1E-08	3.13E-05	3.67E-05	1.52E-06	2.84E-08	5.94E-09	3.83E-05	3.24E-05	1.2E-06	2.8E-08	6.1E-09	3E-05
3028	479203.24, 3850343.52	0.01625	0.01446	0.01332	0.01476	0.00969	3.05E-05	1.3E-06	2.9E-08	1.1E-08	3.18E-05	3.74E-05	1.55E-06	2.89E-08	6.06E-09	3.90E-05	3.30E-05	1.2E-06	2.8E-08	6.3E-09	3E-05
3029	479253.24, 3850343.52	0.01652	0.0148	0.0136	0.01501	0.00989	3.10E-05	1.3E-06	3E-08	1.1E-08	3.24E-05	3.80E-05	1.59E-06	2.94E-08	6.19E-09	3.97E-05	3.35E-05	1.2E-06	2.9E-08	6.4E-09	3E-05
3030	479303.24, 3850343.52	0.0168	0.01501	0.01391	0.01527	0.01009	3.16E-05	1.3E-06	3E-08	1.1E-08	3.29E-05	3.87E-05	1.61E-06	2.99E-08	6.31E-09	4.03E-05	3.41E-05	1.2E-06	2.9E-08	6.5E-09	4E-05
3031	479353.24, 3850343.52	0.01706	0.01537	0.01422	0.01555	0.0103	3.21E-05	1.3E-06	3.1E-08	1.2E-08	3.34E-05	3.93E-05	1.65E-06	3.05E-08	6.44E-09	4.10E-05	3.46E-05	1.3E-06	3E-08	6.7E-09	4E-05
3032	479203.24, 3850393.52	0.01622	0.01433	0.01322	0.01476	0.00966	3.05E-05	1.3E-06	2.9E-08	1.1E-08	3.18E-05	3.74E-05	1.54E-06	2.89E-08	6.04E-09	3.89E-05	3.29E-05	1.2E-06	2.8E-08	6.2E-09	3E-05
3033	479253.24, 3850393.52	0.0165	0.01465	0.01348	0.01499	0.00983	3.10E-05	1.3E-06	3E-08	1.1E-08	3.23E-05	3.80E-05	1.57E-06	2.94E-08	6.15E-09	3.96E-05	3.35E-05	1.2E-06	2.9E-08	6.3E-09	3E-05
3034	479303.24, 3850393.52	0.01677	0.015	0.01377	0.01522	0.01001	3.15E-05	1.3E-06	3E-08	1.1E-08	3.29E-05	3.86E-05	1.61E-06	2.98E-08	6.26E-09	4.03E-05	3.40E-05	1.2E-06	2.9E-08	6.5E-09	4E-05
3035	479353.24, 3850393.52	0.01704	0.01521	0.01408	0.01547	0.0102	3.20E-05	1.3E-06	3.1E-08	1.1E-08	3.34E-05	3.92E-05	1.64E-06	3.03E-08	6.38E-09	4.09E-05	3.46E-05	1.3E-06	2.9E-08	6.6E-09	4E-05
3036	479403.24, 3850393.52	0.01731	0.01558	0.0144	0.01575	0.01042	3.25E-05	1.4E-06	3.1E-08	1.2E-08	3.39E-05	3.99E-05	1.67E-06	3.09E-08	6.52E-09	4.16E-05	3.51E-05	1.3E-06	3E-08	6.7E-09	4E-05
3037	479453.24, 3850393.52	0.01757	0.01595	0.01474	0.01603	0.01063	3.30E-05	1.4E-06	3.2E-08	1.2E-08	3.45E-05	4.05E-05	1.71E-06	3.14E-08	6.65E-09	4.22E-05	3.57E-05	1.3E-06	3E-08	6.9E-09	4E-05
3038	479503.24, 3850393.52	0.0178	0.01632	0.01508	0.0163	0.01083	3.34E-05	1.4E-06	3.2E-08	1.2E-08	3.49E-05	4.10E-05	1.75E-06	3.19E-08	6.77E-09	4.28E-05	3.61E-05	1.3E-06	3.1E-08	7E-09	4E-05
3039	479303.24, 3850443.52	0.01672	0.01485	0.01365	0.01517	0.00993	3.14E-05	1.3E-06	3E-08	1.1E-08	3.28E-05	3.85E-05	1.60E-06	2.97E-08	6.21E-09	4.01E-05	3.39E-05	1.2E-06	2.9E-08	6.4E-09	4E-05
3040	479353.24, 3850443.52	0.01698	0.0152	0.01394	0.01539	0.01008	3.19E-05	1.3E-06	3.1E-08	1.1E-08	3.33E-05	3.91E-05	1.63E-06	3.01E-08	6.30E-09	4.08E-05	3.45E-05	1.3E-06	2.9E-08	6.5E-09	4E-05
3041	479403.24, 3850443.52	0.01723	0.01541	0.01425	0.01563	0.01025	3.24E-05	1.4E-06	3.1E-08	1.1E-08	3.38E-05	3.97E-05	1.66E-06	3.06E-08	6.41E-09	4.14E-05	3.50E-05	1.3E-06	3E-08	6.6E-09	4E-05
3042	479453.24, 3850443.52	0.01749	0.01577	0.01458	0.01588	0.01044	3.29E-05	1.4E-06	3.2E-08	1.2E-08	3.43E-05	4.03E-05	1.70E-06	3.11E-08	6.53E-09	4.20E-05	3.55E-05	1.3E-06	3E-08	6.7E-09	4E-05
3043	479503.24, 3850443.52	0.01773	0.01615	0.01492	0.01613	0.01063	3.33E-05	1.4E-06	3.2E-08	1.2E-08	3.48E-05	4.08E-05	1.74E-06	3.16E-08	6.65E-09	4.26E-05	3.60E-05	1.3E-06	3.1E-08	6.9E-09	4E-05
3044	480327.18, 3850987.04	0.02341	0.02177	0.01972	0.02167	0.01569	4.40E-05	1.9E-06	4.3E-08	1.8E-08	4.60E-05	5.39E-05	2.34E-06	4.24E-08	9.81E-09	5.63E-05	4.75E-05	1.8E-06	4.1E-08	1E-08	5E-05
3045	480377.18, 3850987.04	0.02372	0.02217	0.02015	0.02214	0.01625	4.46E-05	1.9E-06	4.4E-08	1.8E-08	4.66E-05	5.46E-05	2.38E-06	4.34E-08	1.02E-08	5.71E-05	4.82E-05	1.8E-06	4.2E-08	1E-08	5E-05
3046	480427.18, 3850987.04	0.02402	0.02253	0.02056	0.02261	0.01675	4.51E-05	2E-06	4.5E-08	1.9E-08	4.72E-05	5.53E-05	2.42E-06	4.43E-08	1.05E-08	5.78E-05	4.88E-05	1.9E-06	4.3E-08	1.1E-08	5E-05
3047	480477.18, 3850987.04	0.02428	0.02285	0.02094	0.02305	0.0172	4.56E-05	2E-06	4.6E-08	1.9E-08	4.77E-05	5.59E-05	2.46E-06	4.52E-08	1.08E-08	5.84E-05	4.93E-05	1.9E-06	4.4E-08	1.1E-08	5E-05
3048	480327.18, 3851037.04	0.02344	0.02168	0.01956	0.02149	0.01536	4.40E-05	1.9E-06	4.3E-08	1.7E-08	4.60E-05	5.40E-05	2.33E-06	4.21E-08	9.61E-09	5.64E-05	4.76E-05	1.8E-06	4.1E-08	9.9E-09	5E-05
3049	480377.18, 3851037.04	0.02379	0.02213	0.02002	0.02199	0.01591	4.47E-05	1.9E-06	4.4E-08	1.8E-08	4.67E-05	5.48E-05	2.38E-06	4.31E-08	9.95E-09	5.72E-05	4.83E-05	1.8E-06	4.2E-08	1E-08	5E-05
3050	480427.18, 3851037.04	0.02412	0.02255	0.02046	0.02248	0.01645	4.53E-05	2E-06	4.5E-08	1.8E-08	4.74E-05	5.55E-05	2.42E-06	4.40E-08	1.03E-08	5.80E-05	4.90E-05	1.9E-06	4.3E-08	1.1E-08	5E-05
3051	480477.18, 3851037.04	0.02442	0.02291	0.02088	0.02296	0.017	4.59E-05	2E-06	4.6E-08	1.9E-08	4.80E-05	5.62E-05	2.46E-06	4.50E-08	1.06E-08	5.88E-05	4.96E-05	1.9E-06	4.4E-08	1.1E-08	5E-05
3052	480622.06, 3851087.39	0.02536	0.02386	0.02191	0.02416	0.01828	4.77E-05	2.1E-06	4.8E-08	2E-08	4.98E-05	5.84E-05	2.57E-06	4.73E-08	1.14E-08	6.10E-05	5.15E-05	2E-06	4.6E-08	1.2E-08	5E-05
3053	480672.06, 3851087.39	0.0256	0.02406	0.02222	0.02455	0.01877	4.81E-05	2.1E-06	4.9E-08	2.1E-08	5.03E-05	5.90E-05	2.59E-06	4.81E-08	1.17E-08	6.16E-05	5.20E-05	2E-06	4.7E-08	1.2E-08	5E-05
3054	480622.06, 3851137.39	0.02554	0.02398	0.02188	0.02409	0.01811	4.80E-05	2.1E-06	4.8E-08	2E-08	5.02E-05	5.88E-05	2.58E-06	4.72E-08	1.13E-08	6.15E-05	5.19E-05	2E-06	4.6E-08	1.2E-08	5E-05
3055	480672.06, 3851137.39	0.02581	0.02425	0.02224	0.02454	0.01865	4.85E-05	2.1E-06	4.9E-08	2.1E-08	5.07E-05	5.94E-05	2.61E-06	4.81E-08	1.17E-08	6.21E-05	5.24E-05	2E-06	4.7E-08	1.2E-08	5E-05
3056	480722.06, 3851137.39	0.02606	0.02446	0.02256	0.02494	0.01916	4.90E-05	2.1E-06	5E-08	2.1E-08	5.12E-05	6.00E-05	2.63E-06	4.89E-08	1.20E-08	6.27E-05	5.29E-05	2E-06	4.7E-08	1.2E-08	5E-05
3057	480622.06, 3851187.39	0.02568	0.02405	0.0218	0.02398	0.01786	4.83E-05	2.1E-06	4.8E-08	2E-08	5.04E-05	5.91E-05	2.59E-06	4.70E-08	1.12E-08	6.18E-05	5.21E-05	2E-06	4.6E-08	1.2E-08	5E-05
3058	480672.06, 3851187.39	0.02599	0.02438	0.02221	0.02447	0.01846	4.88E-05	2.1E-06	4.9E-08	2.1E-08	5.10E-05	5.99E-05	2.62E-06	4.79E-08	1.15E-08	6.25E-05	5.28E-05	2E-06	4.7E-08	1.2E-08	5E-05
3059	480722.06, 3851187.39	0.02627	0.02465	0.02258	0.02492	0.01905	4.94E-05	2.2E-06	4.9E-08	2.1E-08	5.16E-05	6.05E-05	2.65E-06	4.88E-08	1.19E-08	6.32E-05	5.33E-05	2E-06	4.7E-08	1.2E-08	6E-05
3060	471363.09, 3845877.25	0.00362	0.00357	0.00355	0.00375	0.00268	6.80E-06	3.1E-07	7.4E-09	3E-09	7.13E-06	8.34E-06	3.84E-07	7.35E-09	1.68E-09	8.73E-06	7.35E-06	3E-07	7.1E-09	1.7E-09	8E-06
3061	471863.09, 3845877.25	0.00347	0.00341	0.00339	0.00358	0.00256	6.52E-06	3E-07	7.1E-09	2.9E-09	6.83E-06	7.99E-06	3.67E-07	7.01E-09	1.60E-09	8.37E-06	7.05E-06	2.8E-07	6.8E-09	1.7E-09	7E-06
3062	472363.09, 3845877.25	0.00378	0.00368	0.00365	0.00388	0.00273	7.10E-06	3.2E-07	7.7E-09	3.1E-09	7.44E-06	8.70E-06	3.96E-07	7.60E-09	1.71E-09	9.11E-06	7.67E-06	3E-07	7.4E-09	1.8E-09	8E-06
3063	472863.09, 3845877.25	0.00318	0.00313	0.00311	0.0033	0.00234	5.98E-06	2.7E-07	6.5E-09	2.6E-09	6.26E-06	7.32E-06	3.36E-07	6.46E-09	1.46E-09	7.67E-06	6.46E-06	2.6E-07	6.3E-09	1.5E-09	7E-06
3064	473363.09, 3845877.25	0.00311	0.00301	0.00299	0.00315	0.00222	5.84E-06	2.6E-07	6.3E-09	2.5E-09	6.12E-06	7.16E-06	3.24E-07	6.17E-09	1.39E-09	7.49E-06	6.31E-06	2.5E-07	6E-09	1.4E-09	7E-06
3065	473863.09, 3845877.25	0.00326	0.00319	0.00317	0.00334	0.00233	6.13E-06	2.8E-07	6.6E-09	2.6E-09	6.42E-06	7.51E-06	3.43E-07	6.54E-09	1.46E-09	7.86E-06	6.62E-06	2.6E-07	6.4E-09	1.5E-09	7E-06
3066	474363.09, 3845877.25	0.00386	0.00376	0.0037	0.00387	0.00258	7.25E-06	3.3E-07	7.7E-09	2.9E-09	7.59E-06	8.89E-06	4.04E-07	7.58E-09	1.61E-09	9.30E-06	7.84E-06	3.1E-07	7.4E-09	1.7E-09	8E-06
3067	474863.09, 3845877.25	0.00489	0.00487	0.00471	0.00478	0.00292	9.19E-06	4.3E-07	9.5E-09	3.3E-09	9.63E-06	1.13E-05	5.24E-07	9.36E-09	1.83E-09	1.18E-05	9.93E-06	4E-07	9.1E-09	1.9E-09	1E-05
3068	475363.09, 3845877.25	0.00618	0.00619	0.00618	0.00643	0.004	1.16E-05	5.4E-07	1.3E-08	4.5E-09	1.22E-05	1.42E-05	6.65E-07	1.26E-08	2.50E-09	1.49E-05	1.25E-05	5.1E-07	1.2E-08	2.6E-09	1E-05

3069	475863.09, 3845877.25	0.00644	0.00645	0.00642	0.00662	0.0043	1.21E-05	5.7E-07	1.3E-08	4.8E-09	1.27E-05	1.48E-05	6.93E-07	1.30E-08	2.69E-09	1.55E-05	1.31E-05	5.3E-07	1.3E-08	2.8E-09	1E-05
3070	476363.09, 3845877.25	0.00596	0.00601	0.00602	0.00625	0.00391	1.12E-05	5.3E-07	1.2E-08	4.4E-09	1.17E-05	1.37E-05	6.46E-07	1.22E-08	2.45E-09	1.44E-05	1.21E-05	5E-07	1.2E-08	2.5E-09	1E-05
3071	476863.09, 3845877.25	0.00539	0.00503	0.00539	0.00579	0.0037	1.01E-05	4.4E-07	1.1E-08	4.1E-09	1.06E-05	1.24E-05	5.41E-07	1.13E-08	2.31E-09	1.30E-05	1.09E-05	4.2E-07	1.1E-08	2.4E-09	1E-05
3072	477363.09, 3845877.25	0.00451	0.00453	0.00434	0.0045	0.00294	8.48E-06	4E-07	8.9E-09	3.3E-09	8.88E-06	1.04E-05	4.87E-07	8.82E-09	1.84E-09	1.09E-05	9.16E-06	3.7E-07	8.6E-09	1.9E-09	1E-05
3073	477863.09, 3845877.25	0.00392	0.00393	0.00376	0.00403	0.00242	7.37E-06	3.4E-07	8E-09	2.7E-09	7.72E-06	9.03E-06	4.22E-07	7.89E-09	1.51E-09	9.46E-06	7.96E-06	3.3E-07	7.7E-09	1.6E-09	8E-06
3074	478363.09, 3845877.25	0.0038	0.00328	0.00363	0.00404	0.00243	7.14E-06	2.9E-07	8E-09	2.7E-09	7.44E-06	8.75E-06	3.53E-07	7.91E-09	1.52E-09	9.11E-06	7.72E-06	2.7E-07	7.7E-09	1.6E-09	8E-06
3075	478863.09, 3845877.25	0.00362	0.00363	0.00345	0.00368	0.00227	6.80E-06	3.2E-07	7.3E-09	2.5E-09	7.13E-06	8.34E-06	3.90E-07	7.21E-09	1.42E-09	8.74E-06	7.35E-06	3E-07	7E-09	1.5E-09	8E-06
3076	479363.09, 3845877.25	0.00349	0.00344	0.00334	0.00357	0.00217	6.56E-06	3E-07	7.1E-09	2.4E-09	6.87E-06	8.04E-06	3.70E-07	6.99E-09	1.36E-09	8.41E-06	7.09E-06	2.8E-07	6.8E-09	1.4E-09	7E-06
3077	479863.09, 3845877.25	0.00338	0.00318	0.00322	0.00358	0.00206	6.35E-06	2.8E-07	7.1E-09	2.3E-09	6.64E-06	7.78E-06	3.42E-07	7.01E-09	1.29E-09	8.13E-06	6.86E-06	2.6E-07	6.8E-09	1.3E-09	7E-06
3078	480363.09, 3845877.25	0.00286	0.0025	0.00275	0.00302	0.00195	5.37E-06	2.2E-07	6E-09	2.2E-09	5.60E-06	6.59E-06	2.69E-07	5.92E-09	1.22E-09	6.86E-06	5.81E-06	2.1E-07	5.7E-09	1.3E-09	6E-06
3079	480863.09, 3845877.25	0.00258	0.00236	0.00243	0.00266	0.00179	4.85E-06	2.1E-07	5.3E-09	2E-09	5.06E-06	5.94E-06	2.54E-07	5.21E-09	1.12E-09	6.20E-06	5.24E-06	2E-07	5.1E-09	1.2E-09	5E-06
3080	481363.09, 3845877.25	0.00237	0.00244	0.00224	0.00237	0.00169	4.45E-06	2.1E-07	4.7E-09	1.9E-09	4.67E-06	5.46E-06	2.62E-07	4.64E-09	1.06E-09	5.73E-06	4.81E-06	2E-07	4.5E-09	1.1E-09	5E-06
3081	481863.09, 3845877.25	0.00213	0.00202	0.00201	0.00218	0.00158	4.00E-06	1.8E-07	4.3E-09	1.8E-09	4.19E-06	4.90E-06	2.17E-07	4.27E-09	9.88E-10	5.13E-06	4.32E-06	1.7E-07	4.1E-09	1E-09	4E-06
3082	482363.09, 3845877.25	0.00192	0.00172	0.00181	0.00199	0.00148	3.61E-06	1.5E-07	3.9E-09	1.7E-09	3.76E-06	4.42E-06	1.85E-07	3.90E-09	9.26E-10	4.61E-06	3.90E-06	1.4E-07	3.8E-09	9.6E-10	4E-06
3083	482863.09, 3845877.25	0.00155	0.00153	0.00149	0.00157	0.00132	2.91E-06	1.3E-07	3.1E-09	1.5E-09	3.05E-06	3.57E-06	1.64E-07	3.08E-09	8.26E-10	3.74E-06	3.15E-06	1.3E-07	3E-09	8.5E-10	3E-06
3084	483363.09, 3845877.25	0.00142	0.00147	0.00139	0.00144	0.00124	2.67E-06	1.3E-07	2.9E-09	1.4E-09	2.80E-06	3.27E-06	1.58E-07	2.82E-09	7.76E-10	3.43E-06	2.88E-06	1.2E-07	2.7E-09	8E-10	3E-06
3085	483863.09, 3845877.25	0.00162	0.0015	0.00155	0.00166	0.00139	3.04E-06	1.3E-07	3.3E-09	1.6E-09	3.18E-06	3.73E-06	1.61E-07	3.25E-09	8.69E-10	3.90E-06	3.29E-06	1.2E-07	3.2E-09	9E-10	3E-06
3086	484363.09, 3845877.25	0.00159	0.00148	0.00151	0.00161	0.00134	2.99E-06	1.3E-07	3.2E-09	1.5E-09	3.12E-06	3.66E-06	1.59E-07	3.15E-09	8.38E-10	3.82E-06	3.23E-06	1.2E-07	3.1E-09	8.7E-10	3E-06
3087	484863.09, 3845877.25	0.00151	0.00142	0.00145	0.00156	0.00128	2.84E-06	1.2E-07	3.1E-09	1.4E-09	2.97E-06	3.48E-06	1.53E-07	3.06E-09	8.01E-10	3.63E-06	3.07E-06	1.2E-07	3E-09	8.3E-10	3E-06
3088	485363.09, 3845877.25	0.00142	0.00139	0.00138	0.00144	0.00124	2.67E-06	1.2E-07	2.9E-09	1.4E-09	2.79E-06	3.27E-06	1.49E-07	2.82E-09	7.76E-10	3.42E-06	2.88E-06	1.1E-07	2.7E-09	8E-10	3E-06
3089	485863.09, 3845877.25	0.00139	0.00142	0.00136	0.0014	0.00123	2.61E-06	1.2E-07	2.8E-09	1.4E-09	2.74E-06	3.20E-06	1.53E-07	2.74E-09	7.69E-10	3.36E-06	2.82E-06	1.2E-07	2.7E-09	7.9E-10	3E-06
3090	486363.09, 3845877.25	0.00133	0.00122	0.00128	0.00134	0.00119	2.50E-06	1.1E-07	2.7E-09	1.3E-09	2.61E-06	3.06E-06	1.31E-07	2.62E-09	7.44E-10	3.20E-06	2.70E-06	1E-07	2.5E-09	7.7E-10	3E-06
3091	486863.09, 3845877.25	0.00123	0.00121	0.00118	0.00122	0.00109	2.31E-06	1.1E-07	2.4E-09	1.2E-09	2.42E-06	2.83E-06	1.30E-07	2.39E-09	6.82E-10	2.97E-06	2.50E-06	1E-07	2.3E-09	7E-10	3E-06
3092	487363.09, 3845877.25	0.0012	0.00124	0.00117	0.0012	0.00105	2.26E-06	1.1E-07	2.4E-09	1.2E-09	2.37E-06	2.76E-06	1.33E-07	2.35E-09	6.57E-10	2.90E-06	2.44E-06	1E-07	2.3E-09	6.8E-10	3E-06
3093	487863.09, 3845877.25	0.00112	0.00116	0.00112	0.00112	0.00102	2.10E-06	1E-07	2.2E-09	1.1E-09	2.21E-06	2.58E-06	1.25E-07	2.19E-09	6.38E-10	2.71E-06	2.27E-06	9.6E-08	2.1E-09	6.6E-10	2E-06
3094	488363.09, 3845877.25	0.00108	0.00108	0.00108	0.00109	0.00101	2.03E-06	9.5E-08	2.2E-09	1.1E-09	2.13E-06	2.49E-06	1.16E-07	2.14E-09	6.32E-10	2.61E-06	2.19E-06	8.9E-08	2.1E-09	6.5E-10	2E-06
3095	488863.09, 3845877.25	0.00119	0.00119	0.00116	0.00117	0.00106	2.24E-06	1E-07	2.3E-09	1.2E-09	2.34E-06	2.74E-06	1.28E-07	2.29E-09	6.63E-10	2.87E-06	2.42E-06	9.8E-08	2.2E-09	6.8E-10	3E-06
3096	489363.09, 3845877.25	0.00119	0.00114	0.00116	0.00118	0.00105	2.24E-06	1E-07	2.3E-09	1.2E-09	2.34E-06	2.74E-06	1.23E-07	2.31E-09	6.57E-10	2.87E-06	2.42E-06	9.4E-08	2.2E-09	6.8E-10	3E-06
3097	489863.09, 3845877.25	0.00114	0.0011	0.00112	0.00112	0.00102	2.14E-06	9.6E-08	2.2E-09	1.1E-09	2.24E-06	2.63E-06	1.18E-07	2.19E-09	6.38E-10	2.75E-06	2.31E-06	9.1E-08	2.1E-09	6.6E-10	2E-06
3098	490363.09, 3845877.25	0.00108	0.00112	0.00108	0.00104	0.00099	2.03E-06	9.8E-08	2.1E-09	1.1E-09	2.13E-06	2.49E-06	1.20E-07	2.04E-09	6.19E-10	2.61E-06	2.19E-06	9.3E-08	2E-09	6.4E-10	2E-06
3099	490863.09, 3845877.25	0.00097	0.0011	0.00102	0.00093	0.00094	1.82E-06	9.6E-08	1.8E-09	1.1E-09	1.92E-06	2.23E-06	1.18E-07	1.82E-09	5.88E-10	2.35E-06	1.97E-06	9.1E-08	1.8E-09	6.1E-10	2E-06
3100	491363.09, 3845877.25	0.00106	0.00124	0.0011	0.001	0.00099	1.99E-06	1.1E-07	2E-09	1.1E-09	2.10E-06	2.44E-06	1.33E-07	1.96E-09	6.19E-10	2.58E-06	2.15E-06	1E-07	1.9E-09	6.4E-10	2E-06
3101	491863.09, 3845877.25	0.00114	0.00132	0.00117	0.00108	0.00104	2.14E-06	1.2E-07	2.1E-09	1.2E-09	2.26E-06	2.63E-06	1.42E-07	2.12E-09	6.50E-10	2.77E-06	2.31E-06	1.1E-07	2.1E-09	6.7E-10	2E-06
3102	492363.09, 3845877.25	0.00108	0.00118	0.00113	0.00104	0.00103	2.03E-06	1E-07	2.1E-09	1.2E-09	2.14E-06	2.49E-06	1.27E-07	2.04E-09	6.44E-10	2.62E-06	2.19E-06	9.8E-08	2E-09	6.7E-10	2E-06
3103	492863.09, 3845877.25	0.00124	0.00129	0.00127	0.0012	0.00114	2.33E-06	1.1E-07	2.4E-09	1.3E-09	2.45E-06	2.86E-06	1.39E-07	2.35E-09	7.13E-10	3.00E-06	2.52E-06	1.1E-07	2.3E-09	7.4E-10	3E-06
3104	493363.09, 3845877.25	0.00134	0.0014	0.00135	0.00129	0.0012	2.52E-06	1.2E-07	2.6E-09	1.3E-09	2.64E-06	3.09E-06	1.51E-07	2.53E-09	7.51E-10	3.24E-06	2.72E-06	1.2E-07	2.5E-09	7.8E-10	3E-06
3105	493863.09, 3845877.25	0.00146	0.00148	0.00146	0.0014	0.00126	2.74E-06	1.3E-07	2.8E-09	1.4E-09	2.88E-06	3.36E-06	1.59E-07	2.74E-09	7.88E-10	3.52E-06	2.96E-06	1.2E-07	2.7E-09	8.1E-10	3E-06
3106	494363.09, 3845877.25	0.00156	0.00157	0.00154	0.00151	0.00133	2.93E-06	1.4E-07	3E-09	1.5E-09	3.07E-06	3.59E-06	1.69E-07	2.96E-09	8.32E-10	3.76E-06	3.17E-06	1.3E-07	2.9E-09	8.6E-10	3E-06
3107	494863.09, 3845877.25	0.00165	0.00166	0.00163	0.0016	0.00138	3.10E-06	1.5E-07	3.2E-09	1.5E-09	3.25E-06	3.80E-06	1.78E-07	3.13E-09	8.63E-10	3.98E-06	3.35E-06	1.4E-07	3E-09	8.9E-10	3E-06
3108	495363.09, 3845877.25	0.00177	0.00177	0.00174	0.00172	0.00145	3.33E-06	1.6E-07	3.4E-09	1.6E-09	3.49E-06	4.08E-06	1.90E-07	3.37E-09	9.07E-10	4.27E-06	3.59E-06	1.5E-07	3.3E-09	9.4E-10	4E-06
3109	495863.09, 3845877.25	0.0019	0.00194	0.00186	0.00183	0.00154	3.57E-06	1.7E-07	3.6E-09	1.7E-09	3.75E-06	4.38E-06	2.09E-07	3.58E-09	9.63E-10	4.59E-06	3.86E-06	1.6E-07	3.5E-09	9.9E-10	4E-06
3110	496363.09, 3845877.25	0.00204	0.00217	0.00198	0.00193	0.00163	3.83E-06	1.9E-07	3.8E-09	1.8E-09	4.03E-06	4.70E-06	2.33E-07	3.78E-09	1.02E-09	4.94E-06	4.14E-06	1.8E-07	3.7E-09	1.1E-09	4E-06
3111	496863.09, 3845877.25	0.00215	0.00232	0.00208	0.00201	0.0017	4.04E-06	2E-07	4E-09	1.9E-09	4.25E-06	4.95E-06	2.49E-07	3.94E-09	1.06E-09	5.21E-06	4.37E-06	1.9E-07	3.8E-09	1.1E-09	5E-06
3112	497363.09, 3845877.25	0.00226	0.00242	0.00218	0.00211	0.00176	4.25E-06	2.1E-07	4.2E-09	2E-09	4.47E-06	5.20E-06	2.60E-07	4.13E-09	1.10E-09	5.47E-06	4.59E-06	2E-07	4E-09	1.1E-09	5E-06
3113	497863.09, 3845877.25	0.0024	0.00254	0.0023	0.00224	0.00185	4.51E-06	2.2E-07	4.4E-09	2.1E-09	4.74E-06	5.53E-06	2.73E-07	4.39E-09	1.16E-09	5.81E-06	4.87E-06	2.1E-07	4.3E-09	1.2E-09	5E-06
3114	498363.09, 3845877.25	0.00253	0.0027	0.00242	0.00236	0.00192	4.75E-06	2.4E-07	4.7E-09	2.1E-09	5.00E-06	5.83E-06	2.90E-07	4.62E-09	1.20E-09	6.12E-06	5.14E-06	2.2E-07	4.5E-09	1.2E-09	5E-06
3115	471363.09, 3846377.25	0.00544	0.00515	0.00504	0.00538	0.00412	1.02E-05	4.5E-07	1.1E-08	4.6E-09	1.07E-05	1.25E-05	5.54E-07	1.05E-08	2.58E-09	1.31E-05	1.10E-05	4.3E-07	1E-08	2.7E-09	1E-05
3116	471863.09, 3846377.25	0.00506	0.00486	0.00477	0.00511	0.00377	9.51E-06	4.3E-07	1E-08	4.2E-09	9.95E-06	1.17E-05	5.22E-07	1.00E-08	2.36E-09	1.22E-05	1.03E-05	4E-07	9.7E-09	2.4E-09	1E-05
3117	472363.09, 3846377.25	0.00376	0.00371	0.00368	0.00389	0.00275	7.07E-06	3.3E-07	7.7E-09	3.1E-09	7.40E-06	8.66E-06	3.99E-07	7.62E-09	1.72E-09	9.07E-06	7.63E-06	3.1E-07	7.4E-09	1.8E-09	8E-06
3118	472863.09, 3846377.25	0.00381	0.00374	0.00371	0.0039	0.00275	7.16E-06	3.3E-07	7.7E-09	3.1E-09	7.50E-06	8.77E-06	4.02E-07	7.64E-09	1.72E-09	9.19E-06	7.74E-06	3.1E-07	7.4E-09	1.8E-09	8E-06
3119	473363.09, 3846377.25	0.00376	0.00369	0.00366	0.00391	0.00271	7.07E-06	3.2E-07	7.8E-09	3E-09	7.40E-06	8.66E-06	3.97E-07	7.66E-09	1.69E-09	9.06E-06	7.63E-06	3.1E-07	7.4E-09	1.8E-09	8E-06
3120	473863.09, 3846377.25	0.00379	0.00363	0.0036	0.00384	0.00264	7.12E-06	3.2E-07	7.6E-09	2.9E-09	7.45E-06	8.73E-06	3.90E-07	7.52E-09	1.65E-09	9.13E-06	7.70E-06	3E-07	7.3E-09	1.7E-09	8E-06
3121	474363.09, 3846377.25	0.00395	0.00381	0.00376	0.00399	0.00273	7.42E-06	3.3E-07	7.9E-09	3.1E-09	7.77E-06	9.10E-06	4.10E-07	7.82E-09	1.71E-09	9.52E-06	8.02E-06	3.2E-07	7.6E-09	1.8E-09	8E-06
3122	474863.09, 3846377.25	0.00458	0.00444	0.00433	0.00456	0.00303	8.61E-06	3.9E-07	9.1E-09	3.4E-09	9.01E-06	1.05E-05	4.77E-07	8.93E-09	1.90E-09	1.10E-05	9.30E-06	3.7E-07	8.7E-09	2E-09	1E-05
3123	475363.09, 3846377.25	0.00568	0.00564	0.00542	0.00551	0.00337	1.07E-05	4.9E-07	1.1E-08	3.8E-09	1.12E-05	1.31E-05	6.06E-07	1.08E-08	2.11E-09	1.37E-05	1.15E-05	4.7E-07	1E-08	2.2E-09	1E-05
3124	475863.09, 3846377.25	0.00706	0.00707	0.00701	0.0073	0.00459	1.33E-05	6.2E-07	1.4E-08	5.1E-09	1.39E-05	1.63E-05	7.60E-07	1.43E-08	2.87E-09	1.70E-05	1.43E-05	5.8E-07	1.4E-08	3E-09	1E-05
3125	476363.09, 3846377.25	0.00708	0.00712	0.00705	0.00727	0.00468	1.33E-05	6.2E-07	1.4E-08	5.2E-09	1.39E-05	1.63E-05	7.65E-07	1.42E-08	2.93E-09	1.71E-05	1.44E-05	5.9E-07	1.4E-08	3E-09	1E-05
3126	476863.09, 3846377.25	0.00654	0.00654	0.00661	0.00691	0.00427	1.23E-05	5.7E-07	1.4E-08	4.8E-09	1.29E-05	1.51E-05	7.03E-07	1.35E-08	2.67E-09	1.58E-05	1.33E-05	5.4E-07	1.3E-08	2.8E-09	1E-05
3127	477363.09, 3846377.25	0.00591	0.00548	0.00584	0.00627	0.00402	1.11E-05	4.8E-07	1.2E-08	4.5E-09	1.16E-05	1.36E-05	5.89E-07	1.23E-08	2.51E-09	1.42E-05	1.20E-05	4.5E-07	1.2E-08	2.6E-09	1E-05
3128	477863.09, 3846377.25	0.00479	0.00496	0.00461	0.00476	0.00305	9.00E-06	4.4E-07	9.4E-09	3.4E-09	9.45E-06	1.10E-05	5.33E-07	9.32E-09	1.91E-09	1.16E-05	9.73E-06	4.1E-07	9.1E-09	2E-09	1E-05
3129	478363.09, 3846377.25	0.00435	0.00412	0.00416	0.00456	0.00265	8.17E-06	3.6E-07	9.1E-09	3E-09	8.55E-06	1.00E-05	4.43E-07	8.93E-09	1.66E-09	1.05E-05	8.83E-06	3.4E-07	8.7E-09	1.7E-09	9E-06
3130	478863.09, 3846377.25	0.00436	0.00389	0.00412	0.00454	0.00269	8.19E-06	3.4E-07	9E-09	3E-09	8.55E-06	1.00E-05	4.18E-07	8.89E-09	1.68E-09	1.05E-05	8.85E-06	3.2E-07	8.6E-09	1.7E-09	9E-06
3131	479363.09, 3846377.25	0.00416	0.00422	0.00396	0.00423	0.00253	7.82E-06	3.7E-07	8.4E-09	2.8E-09	8.20E-06	9.58E-06	4.54E-07	8.29E-09	1.58E-09	1.00E-05	8.45E-06	3.5E-07	8E-09	1.6E-09	9E-06
3132	479863.09, 3846377.25	0.00377	0.00367	0.00359	0.00389	0.00227	7.08E-06	3.2E-07	7.7E-09	2.5E-09	7.42E-06	8.68E-06	3.95E-07	7.62E-09	1.42E-09	9.09E-06	7.65E-06	3E-07	7.4E-09	1.5E-09	8E-06

3133 480363.09, 3846377.25	0.00371	0.00328	0.00354	0.00398	0.00229	6.97E-06	2.9E-07	7.9E-09	2.6E-09	7.27E-06	8.54E-06	3.53E-07	7.80E-09	1.43E-09	8.91E-06	7.53E-06	2.7E-07	7.6E-09	1.5E-09	8E-06
3134 480863.09, 3846377.25	0.00304	0.00272	0.00289	0.00317	0.00204	5.71E-06	2.4E-07	6.3E-09	2.3E-09	5.96E-06	7.00E-06	2.92E-07	6.21E-09	1.28E-09	7.30E-06	6.17E-06	2.2E-07	6E-09	1.3E-09	6E-06
3135 481363.09, 3846377.25	0.00285	0.00279	0.00269	0.00291	0.00193	5.36E-06	2.4E-07	5.8E-09	2.2E-09	5.61E-06	6.56E-06	3.00E-07	5.70E-09	1.21E-09	6.87E-06	5.79E-06	2.3E-07	5.5E-09	1.2E-09	6E-06
3136 481863.09, 3846377.25	0.00253	0.00258	0.00238	0.00254	0.00178	4.75E-06	2.3E-07	5E-09	2E-09	4.99E-06	5.83E-06	2.77E-07	4.98E-09	1.11E-09	6.11E-06	5.14E-06	2.1E-07	4.8E-09	1.1E-09	5E-06
3137 482363.09, 3846377.25	0.00219	0.00195	0.00205	0.00227	0.00165	4.12E-06	1.7E-07	4.5E-09	1.8E-09	4.29E-06	5.04E-06	2.10E-07	4.45E-09	1.03E-09	5.26E-06	4.45E-06	1.6E-07	4.3E-09	1.1E-09	5E-06
3138 482863.09, 3846377.25	0.00185	0.00178	0.00175	0.00188	0.00148	3.48E-06	1.6E-07	3.7E-09	1.7E-09	3.64E-06	4.26E-06	1.91E-07	3.68E-09	9.26E-10	4.46E-06	3.76E-06	1.5E-07	3.6E-09	9.6E-10	4E-06
3139 483363.09, 3846377.25	0.00194	0.00189	0.00185	0.00201	0.00151	3.65E-06	1.7E-07	4E-09	1.7E-09	3.82E-06	4.47E-06	2.03E-07	3.94E-09	9.44E-10	4.68E-06	3.94E-06	1.6E-07	3.8E-09	9.8E-10	4E-06
3140 483863.09, 3846377.25	0.00186	0.00173	0.00178	0.0019	0.00153	3.50E-06	1.5E-07	3.8E-09	1.7E-09	3.65E-06	4.28E-06	1.86E-07	3.72E-09	9.57E-10	4.47E-06	3.78E-06	1.4E-07	3.6E-09	9.9E-10	4E-06
3141 484363.09, 3846377.25	0.00166	0.00156	0.00159	0.0017	0.00142	3.12E-06	1.4E-07	3.4E-09	1.6E-09	3.26E-06	3.82E-06	1.68E-07	3.33E-09	8.88E-10	3.99E-06	3.37E-06	1.3E-07	3.2E-09	9.2E-10	4E-06
3142 484863.09, 3846377.25	0.00178	0.00163	0.00168	0.00184	0.00144	3.34E-06	1.4E-07	3.7E-09	1.6E-09	3.49E-06	4.10E-06	1.75E-07	3.60E-09	9.01E-10	4.28E-06	3.61E-06	1.3E-07	3.5E-09	9.3E-10	4E-06
3143 485363.09, 3846377.25	0.00174	0.00166	0.00165	0.00177	0.00143	3.27E-06	1.5E-07	3.5E-09	1.6E-09	3.42E-06	4.01E-06	1.78E-07	3.47E-09	8.94E-10	4.19E-06	3.53E-06	1.4E-07	3.4E-09	9.2E-10	4E-06
3144 485863.09, 3846377.25	0.00157	0.00157	0.00152	0.00159	0.00137	2.95E-06	1.4E-07	3.2E-09	1.5E-09	3.09E-06	3.62E-06	1.69E-07	3.11E-09	8.57E-10	3.79E-06	3.19E-06	1.3E-07	3E-09	8.8E-10	3E-06
3145 486363.09, 3846377.25	0.00133	0.00127	0.0013	0.00133	0.00123	2.50E-06	1.1E-07	2.6E-09	1.4E-09	2.61E-06	3.06E-06	1.37E-07	2.61E-09	7.69E-10	3.20E-06	2.70E-06	1.1E-07	2.5E-09	7.9E-10	3E-06
3146 486863.09, 3846377.25	0.00127	0.00127	0.00123	0.00126	0.00113	2.39E-06	1.1E-07	2.5E-09	1.3E-09	2.50E-06	2.92E-06	1.37E-07	2.47E-09	7.07E-10	3.06E-06	2.58E-06	1.1E-07	2.4E-09	7.3E-10	3E-06
3147 487363.09, 3846377.25	0.00128	0.00131	0.00125	0.00128	0.00112	2.41E-06	1.1E-07	2.5E-09	1.3E-09	2.52E-06	2.95E-06	1.41E-07	2.51E-09	7.00E-10	3.09E-06	2.60E-06	1.1E-07	2.4E-09	7.2E-10	3E-06
3148 487863.09, 3846377.25	0.00137	0.00136	0.00134	0.00139	0.00119	2.57E-06	1.2E-07	2.8E-09	1.3E-09	2.70E-06	3.15E-06	1.46E-07	2.72E-09	7.44E-10	3.30E-06	2.78E-06	1.1E-07	2.6E-09	7.7E-10	3E-06
3149 488363.09, 3846377.25	0.00133	0.00128	0.0013	0.00134	0.00117	2.50E-06	1.1E-07	2.7E-09	1.3E-09	2.62E-06	3.06E-06	1.38E-07	2.62E-09	7.32E-10	3.20E-06	2.70E-06	1.1E-07	2.5E-09	7.6E-10	3E-06
3150 488863.09, 3846377.25	0.00133	0.00134	0.00129	0.0013	0.00115	2.50E-06	1.2E-07	2.6E-09	1.3E-09	2.62E-06	3.06E-06	1.44E-07	2.55E-09	7.19E-10	3.21E-06	2.70E-06	1.1E-07	2.5E-09	7.4E-10	3E-06
3151 489363.09, 3846377.25	0.00131	0.00123	0.00127	0.0013	0.00114	2.46E-06	1.1E-07	2.6E-09	1.3E-09	2.57E-06	3.02E-06	1.32E-07	2.55E-09	7.13E-10	3.15E-06	2.66E-06	1E-07	2.5E-09	7.4E-10	3E-06
3152 489863.09, 3846377.25	0.00126	0.00124	0.00123	0.00123	0.0011	2.37E-06	1.1E-07	2.4E-09	1.2E-09	2.48E-06	2.90E-06	1.33E-07	2.41E-09	6.88E-10	3.04E-06	2.56E-06	1E-07	2.3E-09	7.1E-10	3E-06
3153 490363.09, 3846377.25	0.00113	0.00121	0.00114	0.00108	0.00104	2.12E-06	1.1E-07	2.1E-09	1.2E-09	2.23E-06	2.60E-06	1.30E-07	2.12E-09	6.50E-10	2.74E-06	2.29E-06	1E-07	2.1E-09	6.7E-10	2E-06
3154 490863.09, 3846377.25	0.0011	0.00128	0.00113	0.00104	0.00102	2.07E-06	1.1E-07	2.1E-09	1.1E-09	2.18E-06	2.53E-06	1.38E-07	2.04E-09	6.38E-10	2.67E-06	2.23E-06	1.1E-07	2E-09	6.6E-10	2E-06
3155 491363.09, 3846377.25	0.00113	0.00132	0.00117	0.00106	0.00104	2.12E-06	1.2E-07	2.1E-09	1.2E-09	2.24E-06	2.60E-06	1.42E-07	2.08E-09	6.50E-10	2.75E-06	2.29E-06	1.1E-07	2E-09	6.7E-10	2E-06
3156 491863.09, 3846377.25	0.00127	0.0014	0.00129	0.00122	0.00114	2.39E-06	1.2E-07	2.4E-09	1.3E-09	2.51E-06	2.92E-06	1.51E-07	2.39E-09	7.13E-10	3.08E-06	2.58E-06	1.2E-07	2.3E-09	7.4E-10	3E-06
3157 492363.09, 3846377.25	0.00129	0.00133	0.00131	0.00123	0.00118	2.42E-06	1.2E-07	2.4E-09	1.3E-09	2.54E-06	2.97E-06	1.43E-07	2.41E-09	7.38E-10	3.12E-06	2.62E-06	1.1E-07	2.3E-09	7.6E-10	3E-06
3158 492863.09, 3846377.25	0.00135	0.00142	0.00136	0.00129	0.00122	2.54E-06	1.2E-07	2.6E-09	1.4E-09	2.67E-06	3.11E-06	1.53E-07	2.53E-09	7.63E-10	3.26E-06	2.74E-06	1.2E-07	2.5E-09	7.9E-10	3E-06
3159 493363.09, 3846377.25	0.00151	0.00156	0.0015	0.00145	0.0013	2.84E-06	1.4E-07	2.9E-09	1.5E-09	2.98E-06	3.48E-06	1.68E-07	2.84E-09	8.13E-10	3.65E-06	3.07E-06	1.3E-07	2.8E-09	8.4E-10	3E-06
3160 493863.09, 3846377.25	0.00164	0.00164	0.00161	0.00157	0.00138	3.08E-06	1.4E-07	3.1E-09	1.5E-09	3.23E-06	3.78E-06	1.76E-07	3.08E-09	8.63E-10	3.96E-06	3.33E-06	1.4E-07	3E-09	8.9E-10	3E-06
3161 494363.09, 3846377.25	0.00176	0.00177	0.00173	0.00169	0.00145	3.31E-06	1.6E-07	3.4E-09	1.6E-09	3.47E-06	4.05E-06	1.90E-07	3.31E-09	9.07E-10	4.25E-06	3.57E-06	1.5E-07	3.2E-09	9.4E-10	4E-06
3162 494863.09, 3846377.25	0.00188	0.00187	0.00183	0.00182	0.00152	3.53E-06	1.6E-07	3.6E-09	1.7E-09	3.70E-06	4.33E-06	2.01E-07	3.57E-09	9.51E-10	4.53E-06	3.82E-06	1.5E-07	3.5E-09	9.8E-10	4E-06
3163 495363.09, 3846377.25	0.00201	0.00202	0.00194	0.00192	0.00161	3.78E-06	1.8E-07	3.8E-09	1.8E-09	3.96E-06	4.63E-06	2.17E-07	3.76E-09	1.01E-09	4.85E-06	4.08E-06	1.7E-07	3.7E-09	1E-09	4E-06
3164 495863.09, 3846377.25	0.00217	0.00232	0.00209	0.00203	0.00171	4.08E-06	2E-07	4E-09	1.9E-09	4.29E-06	5.00E-06	2.49E-07	3.98E-09	1.07E-09	5.25E-06	4.41E-06	1.9E-07	3.9E-09	1.1E-09	5E-06
3165 496363.09, 3846377.25	0.00233	0.00254	0.00225	0.00217	0.00182	4.38E-06	2.2E-07	4.3E-09	2E-09	4.61E-06	5.37E-06	2.73E-07	4.25E-09	1.14E-09	5.64E-06	4.73E-06	2.1E-07	4.1E-09	1.2E-09	5E-06
3166 496863.09, 3846377.25	0.0025	0.00268	0.00239	0.00231	0.00191	4.70E-06	2.4E-07	4.6E-09	2.1E-09	4.94E-06	5.76E-06	2.88E-07	4.53E-09	1.19E-09	6.05E-06	5.08E-06	2.2E-07	4.4E-09	1.2E-09	5E-06
3167 497363.09, 3846377.25	0.00266	0.00283	0.00253	0.00247	0.002	5.00E-06	2.5E-07	4.9E-09	2.2E-09	5.25E-06	6.13E-06	3.04E-07	4.84E-09	1.25E-09	6.44E-06	5.40E-06	2.3E-07	4.7E-09	1.3E-09	6E-06
3168 497863.09, 3846377.25	0.00281	0.00301	0.00267	0.00261	0.00209	5.28E-06	2.6E-07	5.2E-09	2.3E-09	5.55E-06	6.47E-06	3.24E-07	5.11E-09	1.31E-09	6.80E-06	5.71E-06	2.5E-07	5E-09	1.4E-09	6E-06
3169 498363.09, 3846377.25	0.00295	0.00317	0.00281	0.00275	0.00218	5.54E-06	2.8E-07	5.5E-09	2.4E-09	5.83E-06	6.79E-06	3.41E-07	5.39E-09	1.36E-09	7.14E-06	5.99E-06	2.6E-07	5.2E-09	1.4E-09	6E-06
3170 471363.09, 3846877.25	0.00594	0.0057	0.00557	0.00592	0.00469	1.12E-05	5E-07	1.2E-08	5.2E-09	1.17E-05	1.37E-05	6.13E-07	1.16E-08	2.93E-09	1.43E-05	1.21E-05	4.7E-07	1.1E-08	3E-09	1E-05
3171 471863.09, 3846877.25	0.00599	0.00568	0.00554	0.00593	0.00458	1.13E-05	5E-07	1.2E-08	5.1E-09	1.18E-05	1.38E-05	6.11E-07	1.16E-08	2.86E-09	1.44E-05	1.22E-05	4.7E-07	1.1E-08	3E-09	1E-05
3172 472363.09, 3846877.25	0.00579	0.0055	0.00538	0.00575	0.00432	1.09E-05	4.8E-07	1.1E-08	4.8E-09	1.14E-05	1.33E-05	5.91E-07	1.13E-08	2.70E-09	1.39E-05	1.18E-05	4.5E-07	1.1E-08	2.8E-09	1E-05
3173 472863.09, 3846877.25	0.00403	0.004	0.00397	0.00417	0.00294	7.57E-06	3.5E-07	8.3E-09	3.3E-09	7.94E-06	9.28E-06	4.30E-07	8.17E-09	1.84E-09	9.72E-06	8.18E-06	3.3E-07	7.9E-09	1.9E-09	9E-06
3174 473363.09, 3846877.25	0.0044	0.00429	0.00425	0.00449	0.00312	8.27E-06	3.8E-07	8.9E-09	3.5E-09	8.66E-06	1.01E-05	4.61E-07	8.80E-09	1.95E-09	1.06E-05	8.93E-06	3.5E-07	8.5E-09	2E-09	9E-06
3175 473863.09, 3846877.25	0.00469	0.00455	0.00448	0.00483	0.00332	8.81E-06	4E-07	9.6E-09	3.7E-09	9.23E-06	1.08E-05	4.89E-07	9.46E-09	2.08E-09	1.13E-05	9.52E-06	3.8E-07	9.2E-09	2.1E-09	1E-05
3176 474363.09, 3846877.25	0.00445	0.00425	0.0042	0.00452	0.00308	8.36E-06	3.7E-07	9E-09	3.4E-09	8.75E-06	1.02E-05	4.57E-07	8.85E-09	1.93E-09	1.07E-05	9.04E-06	3.5E-07	8.6E-09	2E-09	9E-06
3177 474863.09, 3846877.25	0.00446	0.00426	0.0042	0.00447	0.00302	8.38E-06	3.7E-07	8.9E-09	3.4E-09	8.77E-06	1.03E-05	4.58E-07	8.76E-09	1.89E-09	1.07E-05	9.06E-06	3.5E-07	8.5E-09	2E-09	9E-06
3178 475363.09, 3846877.25	0.00486	0.00471	0.0046	0.00484	0.0032	9.13E-06	4.1E-07	9.6E-09	3.6E-09	9.56E-06	1.12E-05	5.06E-07	9.48E-09	2.00E-09	1.17E-05	9.87E-06	3.9E-07	9.2E-09	2.1E-09	1E-05
3179 475863.09, 3846877.25	0.00634	0.00629	0.00601	0.00612	0.00373	1.19E-05	5.5E-07	1.2E-08	4.2E-09	1.25E-05	1.46E-05	6.76E-07	1.20E-08	2.33E-09	1.53E-05	1.29E-05	5.2E-07	1.2E-08	2.4E-09	1E-05
3180 476363.09, 3846877.25	0.00774	0.00775	0.00766	0.00798	0.00496	1.45E-05	6.8E-07	1.6E-08	5.5E-09	1.52E-05	1.78E-05	8.33E-07	1.56E-08	3.10E-09	1.87E-05	1.57E-05	6.4E-07	1.5E-08	3.2E-09	2E-05
3181 476863.09, 3846877.25	0.00778	0.00784	0.00775	0.00799	0.00509	1.46E-05	6.9E-07	1.6E-08	5.7E-09	1.53E-05	1.79E-05	8.43E-07	1.57E-08	3.18E-09	1.88E-05	1.58E-05	6.5E-07	1.5E-08	3.3E-09	2E-05
3182 477363.09, 3846877.25	0.00725	0.00716	0.00731	0.0077	0.00474	1.36E-05	6.3E-07	1.5E-08	5.3E-09	1.43E-05	1.67E-05	7.70E-07	1.51E-08	2.96E-09	1.75E-05	1.47E-05	5.9E-07	1.5E-08	3.1E-09	2E-05
3183 477863.09, 3846877.25	0.00632	0.00588	0.00618	0.00662	0.00422	1.19E-05	5.2E-07	1.3E-08	4.7E-09	1.24E-05	1.46E-05	6.32E-07	1.30E-08	2.64E-09	1.52E-05	1.28E-05	4.9E-07	1.3E-08	2.7E-09	1E-05
3184 478363.09, 3846877.25	0.00534	0.00563	0.00512	0.00532	0.0033	1.00E-05	4.9E-07	1.1E-08	3.7E-09	1.05E-05	1.23E-05	6.05E-07	1.04E-08	2.06E-09	1.29E-05	1.08E-05	4.7E-07	1E-08	2.1E-09	1E-05
3185 478863.09, 3846877.25	0.00517	0.00458	0.00489	0.00546	0.0031	9.72E-06	4E-07	1.1E-08	3.5E-09	1.01E-05	1.19E-05	4.92E-07	1.07E-08	1.94E-09	1.24E-05	1.05E-05	3.8E-07	1E-08	2E-09	1E-05
3186 479363.09, 3846877.25	0.00495	0.00468	0.00464	0.00507	0.00294	9.30E-06	4.1E-07	1E-08	3.3E-09	9.73E-06	1.14E-05	5.03E-07	9.93E-09	1.84E-09	1.19E-05	1.01E-05	3.9E-07	9.6E-09	1.9E-09	1E-05
3187 479863.09, 3846877.25	0.00385	0.00393	0.00372	0.00392	0.0024	7.23E-06	3.4E-07	7.8E-09	2.7E-09	7.59E-06	8.87E-06	4.22E-07	7.68E-09	1.50E-09	9.30E-06	7.82E-06	3.3E-07	7.5E-09	1.6E-09	8E-06
3188 480363.09, 3846877.25	0.00325	0.00304	0.00309	0.00342	0.00208	6.11E-06	2.7E-07	6.8E-09	2.3E-09	6.38E-06	7.48E-06	3.27E-07	6.70E-09	1.30E-09	7.82E-06	6.60E-06	2.5E-07	6.5E-09	1.3E-09	7E-06
3189 480863.09, 3846877.25	0.00295	0.00263	0.00283	0.00308	0.00203	5.54E-06	2.3E-07	6.1E-09	2.3E-09	5.78E-06	6.79E-06	2.83E-07	6.03E-09	1.27E-09	7.08E-06	5.99E-06	2.2E-07	5.9E-09	1.3E-09	6E-06
3190 481363.09, 3846877.25	0.00299	0.00279	0.00284	0.00308	0.00203	5.62E-06	2.4E-07	6.1E-09	2.3E-09	5.87E-06	6.89E-06	3.00E-07	6.03E-09	1.27E-09	7.19E-06	6.07E-06	2.3E-07	5.9E-09	1.3E-09	6E-06
3191 481863.09, 3846877.25	0.00285	0.00294	0.00267	0.00285	0.00195	5.36E-06	2.6E-07	5.7E-09	2.2E-09	5.62E-06	6.56E-06	3.16E-07	5.58E-09	1.22E-09	6.89E-06	5.79E-06	2.4E-07	5.4E-09	1.3E-09	6E-06
3192 482363.09, 3846877.25	0.00236	0.00218	0.00223	0.00243	0.00177	4.43E-06	1.9E-07	4.8E-09	2E-09	4.63E-06	5.43E-06	2.34E-07	4.76E-09	1.11E-09	5.67E-06	4.79E-06	1.8E-07	4.6E-09	1.1E-09	5E-06
3193 482863.09, 3846877.25	0.0023	0.00214	0.00215	0.00234	0.00169	4.32E-06	1.9E-07	4.6E-09	1.9E-09	4.52E-06	5.30E-06	2.30E-07	4.58E-09	1.06E-09	5.53E-06	4.67E-06	1.8E-07	4.5E-09	1.1E-09	5E-06
3194 483363.09, 3846877.25	0.00226	0.00217	0.00213	0.00234	0.00166	4.25E-06	1.9E-07	4.6E-09	1.9E-09	4.44E-06	5.20E-06	2.33E-07	4.58E-09	1.04E-09	5.44E-06	4.59E-06	1.8E-07	4.5E-09	1.1E-09	5E-06
3195 483863.09, 3846877.25	0.00215	0.00198	0.00205	0.00222	0.00168	4.04E-06	1.7E-07	4.4E-09	1.9E-09	4.22E-06	4.95E-06	2.13E-07	4.35E-09	1.05E-09	5.17E-06	4.37E-06	1.6E-07	4.2E-09	1.1E-09	5E-06
3196 484363.09, 3846877.25	0.00207	0.00198	0.00198	0.00213	0.00165	3.89E-06	1.7E-07	4.2E-09	1.8E-09	4.07E-06	4.77E-06	2.13E-07	4.17E-09	1.03E-09	4.98E-06	4.20E-06	1.6E-07	4.1E-09	1.1E-09	4E-06

3197	484863.09, 3846877.25	0.00199	0.0018	0.00188	0.00205	0.00157	3.74E-06	1.6E-07	4.1E-09	1.8E-09	3.90E-06	4.58E-06	1.94E-07	4.02E-09	9.82E-10	4.78E-06	4.04E-06	1.5E-07	3.9E-09	1E-09	4E-06
3198	485363.09, 3846877.25	0.00195	0.00182	0.00184	0.002	0.00156	3.66E-06	1.6E-07	4E-09	1.7E-09	3.83E-06	4.49E-06	1.96E-07	3.92E-09	9.76E-10	4.69E-06	3.96E-06	1.5E-07	3.8E-09	1E-09	4E-06
3199	485863.09, 3846877.25	0.00178	0.00176	0.00171	0.0018	0.0015	3.34E-06	1.5E-07	3.6E-09	1.7E-09	3.50E-06	4.10E-06	1.89E-07	3.53E-09	9.38E-10	4.29E-06	3.61E-06	1.5E-07	3.4E-09	9.7E-10	4E-06
3200	486363.09, 3846877.25	0.0018	0.00167	0.00169	0.00181	0.0015	3.38E-06	1.5E-07	3.6E-09	1.7E-09	3.53E-06	4.15E-06	1.80E-07	3.55E-09	9.38E-10	4.33E-06	3.65E-06	1.4E-07	3.4E-09	9.7E-10	4E-06
3201	486863.09, 3846877.25	0.00157	0.00155	0.00149	0.00158	0.0013	2.95E-06	1.4E-07	3.1E-09	1.5E-09	3.09E-06	3.62E-06	1.67E-07	3.10E-09	8.13E-10	3.79E-06	3.19E-06	1.3E-07	3E-09	8.4E-10	3E-06
3202	487363.09, 3846877.25	0.00158	0.00161	0.00152	0.00159	0.0013	2.97E-06	1.4E-07	3.2E-09	1.5E-09	3.11E-06	3.64E-06	1.73E-07	3.11E-09	8.13E-10	3.82E-06	3.21E-06	1.3E-07	3E-09	8.4E-10	3E-06
3203	487863.09, 3846877.25	0.00153	0.00148	0.00148	0.00155	0.0013	2.88E-06	1.3E-07	3.1E-09	1.5E-09	3.01E-06	3.52E-06	1.59E-07	3.04E-09	8.13E-10	3.69E-06	3.11E-06	1.2E-07	2.9E-09	8.4E-10	3E-06
3204	488363.09, 3846877.25	0.00148	0.00144	0.00143	0.00146	0.00127	2.78E-06	1.3E-07	2.9E-09	1.4E-09	2.91E-06	3.41E-06	1.55E-07	2.86E-09	7.94E-10	3.57E-06	3.00E-06	1.2E-07	2.8E-09	8.2E-10	3E-06
3205	488863.09, 3846877.25	0.00148	0.00145	0.00141	0.00144	0.00125	2.78E-06	1.3E-07	2.9E-09	1.4E-09	2.91E-06	3.41E-06	1.56E-07	2.82E-09	7.82E-10	3.57E-06	3.00E-06	1.2E-07	2.7E-09	8.1E-10	3E-06
3206	489363.09, 3846877.25	0.00147	0.00136	0.0014	0.00144	0.00124	2.76E-06	1.2E-07	2.9E-09	1.4E-09	2.89E-06	3.39E-06	1.46E-07	2.82E-09	7.76E-10	3.53E-06	2.98E-06	1.1E-07	2.7E-09	8E-10	3E-06
3207	489863.09, 3846877.25	0.00143	0.00144	0.00137	0.00138	0.00121	2.69E-06	1.3E-07	2.7E-09	1.4E-09	2.82E-06	3.29E-06	1.55E-07	2.70E-09	7.57E-10	3.45E-06	2.90E-06	1.2E-07	2.6E-09	7.8E-10	3E-06
3208	490363.09, 3846877.25	0.00131	0.00145	0.0013	0.00123	0.00114	2.46E-06	1.3E-07	2.4E-09	1.3E-09	2.59E-06	3.02E-06	1.56E-07	2.41E-09	7.13E-10	3.18E-06	2.66E-06	1.2E-07	2.3E-09	7.4E-10	3E-06
3209	490863.09, 3846877.25	0.00131	0.00153	0.00132	0.00123	0.00115	2.46E-06	1.3E-07	2.4E-09	1.3E-09	2.60E-06	3.02E-06	1.64E-07	2.41E-09	7.19E-10	3.18E-06	2.66E-06	1.3E-07	2.3E-09	7.4E-10	3E-06
3210	491363.09, 3846877.25	0.00135	0.00151	0.00137	0.00128	0.0012	2.54E-06	1.3E-07	2.5E-09	1.3E-09	2.67E-06	3.11E-06	1.62E-07	2.51E-09	7.51E-10	3.27E-06	2.74E-06	1.2E-07	2.4E-09	7.8E-10	3E-06
3211	491863.09, 3846877.25	0.00135	0.00141	0.00136	0.00128	0.00122	2.54E-06	1.2E-07	2.5E-09	1.4E-09	2.66E-06	3.11E-06	1.52E-07	2.51E-09	7.63E-10	3.26E-06	2.74E-06	1.2E-07	2.4E-09	7.9E-10	3E-06
3212	492363.09, 3846877.25	0.00154	0.0016	0.00152	0.00146	0.00133	2.89E-06	1.4E-07	2.9E-09	1.5E-09	3.04E-06	3.55E-06	1.72E-07	2.86E-09	8.32E-10	3.72E-06	3.13E-06	1.3E-07	2.8E-09	8.6E-10	3E-06
3213	492863.09, 3846877.25	0.00163	0.00169	0.0016	0.00154	0.00137	3.06E-06	1.5E-07	3.1E-09	1.5E-09	3.22E-06	3.75E-06	1.82E-07	3.02E-09	8.57E-10	3.94E-06	3.31E-06	1.4E-07	2.9E-09	8.8E-10	3E-06
3214	493363.09, 3846877.25	0.00177	0.00178	0.00173	0.00168	0.00145	3.33E-06	1.6E-07	3.3E-09	1.6E-09	3.49E-06	4.08E-06	1.91E-07	3.29E-09	9.07E-10	4.27E-06	3.59E-06	1.5E-07	3.2E-09	9.4E-10	4E-06
3215	493863.09, 3846877.25	0.00189	0.00189	0.00183	0.0018	0.00153	3.55E-06	1.7E-07	3.6E-09	1.7E-09	3.72E-06	4.35E-06	2.03E-07	3.53E-09	9.57E-10	4.56E-06	3.84E-06	1.6E-07	3.4E-09	9.9E-10	4E-06
3216	494363.09, 3846877.25	0.00199	0.00197	0.00192	0.0019	0.00159	3.74E-06	1.7E-07	3.8E-09	1.8E-09	3.92E-06	4.58E-06	2.12E-07	3.72E-09	9.94E-10	4.80E-06	4.04E-06	1.6E-07	3.6E-09	1E-09	4E-06
3217	494863.09, 3846877.25	0.00213	0.00213	0.00204	0.00201	0.00168	4.00E-06	1.9E-07	4E-09	1.9E-09	4.20E-06	4.90E-06	2.29E-07	3.94E-09	1.05E-09	5.14E-06	4.32E-06	1.8E-07	3.8E-09	1.1E-09	5E-06
3218	495363.09, 3846877.25	0.00226	0.00242	0.00218	0.00211	0.00176	4.25E-06	2.1E-07	4.2E-09	2E-09	4.47E-06	5.20E-06	2.60E-07	4.13E-09	1.10E-09	5.47E-06	4.59E-06	2E-07	4E-09	1.1E-09	5E-06
3219	495863.09, 3846877.25	0.00241	0.00265	0.00231	0.00222	0.00185	4.53E-06	2.3E-07	4.4E-09	2.1E-09	4.77E-06	5.55E-06	2.85E-07	4.35E-09	1.16E-09	5.84E-06	4.89E-06	2.2E-07	4.2E-09	1.2E-09	5E-06
3220	496363.09, 3846877.25	0.00258	0.00279	0.00247	0.00237	0.00196	4.85E-06	2.4E-07	4.7E-09	2.2E-09	5.10E-06	5.94E-06	3.00E-07	4.64E-09	1.23E-09	6.25E-06	5.24E-06	2.3E-07	4.5E-09	1.3E-09	5E-06
3221	496863.09, 3846877.25	0.00279	0.003	0.00265	0.00258	0.0021	5.24E-06	2.6E-07	5.1E-09	2.3E-09	5.51E-06	6.42E-06	3.23E-07	5.05E-09	1.31E-09	6.75E-06	5.66E-06	2.5E-07	4.9E-09	1.4E-09	6E-06
3222	497363.09, 3846877.25	0.00307	0.0033	0.00291	0.00284	0.00224	5.77E-06	2.9E-07	5.6E-09	2.5E-09	6.07E-06	7.07E-06	3.55E-07	5.56E-09	1.40E-09	7.43E-06	6.23E-06	2.7E-07	5.4E-09	1.4E-09	7E-06
3223	497863.09, 3846877.25	0.00333	0.00358	0.00315	0.0031	0.0024	6.26E-06	3.1E-07	6.2E-09	2.7E-09	6.58E-06	7.67E-06	3.85E-07	6.07E-09	1.50E-09	8.06E-06	6.76E-06	3E-07	5.9E-09	1.6E-09	7E-06
3224	498363.09, 3846877.25	0.00346	0.0037	0.0033	0.00325	0.00252	6.50E-06	3.2E-07	6.5E-09	2.8E-09	6.84E-06	7.97E-06	3.98E-07	6.37E-09	1.58E-09	8.37E-06	7.03E-06	3.1E-07	6.2E-09	1.6E-09	7E-06
3225	471363.09, 3847377.25	0.00636	0.00619	0.00603	0.00627	0.005	1.20E-05	5.4E-07	1.2E-08	5.6E-09	1.25E-05	1.46E-05	6.65E-07	1.23E-08	3.13E-09	1.53E-05	1.29E-05	5.1E-07	1.2E-08	3.2E-09	1E-05
3226	471863.09, 3847377.25	0.00648	0.00624	0.00608	0.00644	0.00515	1.22E-05	5.5E-07	1.3E-08	5.8E-09	1.27E-05	1.49E-05	6.71E-07	1.26E-08	3.22E-09	1.56E-05	1.32E-05	5.2E-07	1.2E-08	3.3E-09	1E-05
3227	472363.09, 3847377.25	0.00657	0.00624	0.00608	0.0065	0.00509	1.23E-05	5.5E-07	1.3E-08	5.7E-09	1.29E-05	1.51E-05	6.71E-07	1.27E-08	3.18E-09	1.58E-05	1.33E-05	5.2E-07	1.2E-08	3.3E-09	1E-05
3228	472863.09, 3847377.25	0.00639	0.00608	0.00592	0.00631	0.00473	1.20E-05	5.3E-07	1.3E-08	5.3E-09	1.26E-05	1.47E-05	6.54E-07	1.24E-08	2.96E-09	1.54E-05	1.30E-05	5E-07	1.2E-08	3.1E-09	1E-05
3229	473363.09, 3847377.25	0.00536	0.00523	0.00515	0.00548	0.0038	1.01E-05	4.6E-07	1.1E-08	4.2E-09	1.05E-05	1.23E-05	5.62E-07	1.07E-08	2.38E-09	1.29E-05	1.09E-05	4.3E-07	1E-08	2.5E-09	1E-05
3230	473863.09, 3847377.25	0.0053	0.00515	0.00506	0.00541	0.00373	9.96E-06	4.5E-07	1.1E-08	4.2E-09	1.04E-05	1.22E-05	5.54E-07	1.06E-08	2.33E-09	1.28E-05	1.08E-05	4.3E-07	1E-08	2.4E-09	1E-05
3231	474363.09, 3847377.25	0.00551	0.00531	0.00521	0.00563	0.00388	1.04E-05	4.7E-07	1.1E-08	4.3E-09	1.08E-05	1.27E-05	5.71E-07	1.10E-08	2.43E-09	1.33E-05	1.12E-05	4.4E-07	1.1E-08	2.5E-09	1E-05
3232	474863.09, 3847377.25	0.0051	0.00487	0.0048	0.0052	0.00352	9.58E-06	4.3E-07	1E-08	3.9E-09	1.00E-05	1.17E-05	5.24E-07	1.02E-08	2.20E-09	1.23E-05	1.04E-05	4E-07	9.9E-09	2.3E-09	1E-05
3233	475363.09, 3847377.25	0.00481	0.00458	0.00451	0.0048	0.0032	9.04E-06	4E-07	9.5E-09	3.6E-09	9.45E-06	1.11E-05	4.92E-07	9.40E-09	2.00E-09	1.16E-05	9.77E-06	3.8E-07	9.1E-09	2.1E-09	1E-05
3234	475863.09, 3847377.25	0.00568	0.00546	0.00529	0.00559	0.00371	1.07E-05	4.8E-07	1.1E-08	4.1E-09	1.12E-05	1.31E-05	5.87E-07	1.10E-08	2.32E-09	1.37E-05	1.15E-05	4.5E-07	1.1E-08	2.4E-09	1E-05
3235	476363.09, 3847377.25	0.00751	0.0074	0.00703	0.00719	0.0045	1.41E-05	6.5E-07	1.4E-08	5E-09	1.48E-05	1.73E-05	7.96E-07	1.41E-08	2.81E-09	1.81E-05	1.52E-05	6.1E-07	1.4E-08	2.9E-09	2E-05
3236	476863.09, 3847377.25	0.00862	0.00863	0.00849	0.00884	0.00548	1.62E-05	7.6E-07	1.8E-08	6.1E-09	1.70E-05	1.99E-05	9.28E-07	1.73E-08	3.43E-09	2.08E-05	1.75E-05	7.1E-07	1.7E-08	3.5E-09	2E-05
3237	477363.09, 3847377.25	0.00884	0.00892	0.00877	0.00906	0.00579	1.66E-05	7.8E-07	1.8E-08	6.5E-09	1.74E-05	2.04E-05	9.59E-07	1.77E-08	3.62E-09	2.13E-05	1.79E-05	7.4E-07	1.7E-08	3.7E-09	2E-05
3238	477863.09, 3847377.25	0.00802	0.00781	0.00806	0.00855	0.00524	1.51E-05	6.9E-07	1.7E-08	5.9E-09	1.58E-05	1.85E-05	8.40E-07	1.67E-08	3.28E-09	1.93E-05	1.63E-05	6.5E-07	1.6E-08	3.4E-09	2E-05
3239	478363.09, 3847377.25	0.0071	0.00671	0.00686	0.00731	0.00469	1.33E-05	5.9E-07	1.5E-08	5.2E-09	1.40E-05	1.63E-05	7.21E-07	1.43E-08	2.93E-09	1.71E-05	1.44E-05	5.5E-07	1.4E-08	3E-09	1E-05
3240	478863.09, 3847377.25	0.00627	0.00652	0.00596	0.00629	0.00378	1.18E-05	5.7E-07	1.2E-08	4.2E-09	1.24E-05	1.44E-05	7.01E-07	1.23E-08	2.36E-09	1.52E-05	1.27E-05	5.4E-07	1.2E-08	2.4E-09	1E-05
3241	479363.09, 3847377.25	0.00507	0.0044	0.0048	0.00537	0.00305	9.53E-06	3.9E-07	1.1E-08	3.4E-09	9.93E-06	1.17E-05	4.73E-07	1.05E-08	1.91E-09	1.22E-05	1.03E-05	3.6E-07	1E-08	2E-09	1E-05
3242	479863.09, 3847377.25	0.00375	0.00373	0.00362	0.00389	0.00242	7.05E-06	3.3E-07	7.7E-09	2.7E-09	7.38E-06	8.64E-06	4.01E-07	7.62E-09	1.51E-09	9.05E-06	7.61E-06	3.1E-07	7.4E-09	1.6E-09	8E-06
3243	480363.09, 3847377.25	0.00256	0.00261	0.00249	0.00258	0.0019	4.81E-06	2.3E-07	5.1E-09	2.1E-09	5.05E-06	5.90E-06	2.81E-07	5.05E-09	1.19E-09	6.18E-06	5.20E-06	2.2E-07	4.9E-09	1.2E-09	5E-06
3244	480863.09, 3847377.25	0.00228	0.00214	0.0022	0.00235	0.00177	4.28E-06	1.9E-07	4.7E-09	2E-09	4.48E-06	5.25E-06	2.30E-07	4.60E-09	1.11E-09	5.49E-06	4.63E-06	1.8E-07	4.5E-09	1.1E-09	5E-06
3245	481363.09, 3847377.25	0.0025	0.00233	0.0024	0.00258	0.00187	4.70E-06	2E-07	5.1E-09	2.1E-09	4.91E-06	5.76E-06	2.50E-07	5.05E-09	1.17E-09	6.01E-06	5.08E-06	1.9E-07	4.9E-09	1.2E-09	5E-06
3246	481863.09, 3847377.25	0.00316	0.00315	0.00298	0.0032	0.00212	5.94E-06	2.8E-07	6.4E-09	2.4E-09	6.22E-06	7.28E-06	3.39E-07	6.27E-09	1.33E-09	7.62E-06	6.42E-06	2.6E-07	6.1E-09	1.4E-09	7E-06
3247	482363.09, 3847377.25	0.00294	0.00289	0.00277	0.00298	0.00206	5.52E-06	2.5E-07	5.9E-09	2.3E-09	5.79E-06	6.77E-06	3.11E-07	5.84E-09	1.29E-09	7.09E-06	5.97E-06	2.4E-07	5.7E-09	1.3E-09	6E-06
3248	482863.09, 3847377.25	0.00269	0.00244	0.0025	0.00274	0.00192	5.06E-06	2.1E-07	5.4E-09	2.1E-09	5.28E-06	6.19E-06	2.62E-07	5.37E-09	1.20E-09	6.46E-06	5.46E-06	2E-07	5.2E-09	1.2E-09	6E-06
3249	483363.09, 3847377.25	0.00255	0.00247	0.00239	0.00263	0.00183	4.79E-06	2.2E-07	5.2E-09	2E-09	5.02E-06	5.87E-06	2.66E-07	5.15E-09	1.14E-09	6.14E-06	5.18E-06	2E-07	5E-09	1.2E-09	5E-06
3250	483863.09, 3847377.25	0.00246	0.00219	0.00233	0.00257	0.00186	4.62E-06	1.9E-07	5.1E-09	2.1E-09	4.82E-06	5.66E-06	2.35E-07	5.03E-09	1.16E-09	5.91E-06	4.99E-06	1.8E-07	4.9E-09	1.2E-09	5E-06
3251	484363.09, 3847377.25	0.0025	0.00241	0.00238	0.00255	0.00188	4.70E-06	2.1E-07	5.1E-09	2.1E-09	4.92E-06	5.76E-06	2.59E-07	5.00E-09	1.18E-09	6.02E-06	5.08E-06	2E-07	4.9E-09	1.2E-09	5E-06
3252	484863.09, 3847377.25	0.00235	0.00212	0.0022	0.00244	0.00177	4.42E-06	1.9E-07	4.8E-09	2E-09	4.61E-06	5.41E-06	2.28E-07	4.78E-09	1.11E-09	5.65E-06	4.77E-06	1.8E-07	4.6E-09	1.1E-09	5E-06
3253	485363.09, 3847377.25	0.00226	0.00206	0.00211	0.00232	0.00173	4.25E-06	1.8E-07	4.6E-09	1.9E-09	4.43E-06	5.20E-06	2.21E-07	4.54E-09	1.08E-09	5.43E-06	4.59E-06	1.7E-07	4.4E-09	1.1E-09	5E-06
3254	485863.09, 3847377.25	0.00217	0.00212	0.00207	0.0022	0.00172	4.08E-06	1.9E-07	4.4E-09	1.9E-09	4.27E-06	5.00E-06	2.28E-07	4.31E-09	1.08E-09	5.23E-06	4.41E-06	1.8E-07	4.2E-09	1.1E-09	5E-06
3255	486363.09, 3847377.25	0.00213	0.002	0.00198	0.00214	0.00167	4.00E-06	1.8E-07	4.2E-09	1.9E-09	4.18E-06	4.90E-06	2.15E-07	4.19E-09	1.04E-09	5.13E-06	4.32E-06	1.7E-07	4.1E-09	1.1E-09	4E-06
3256	486863.09, 3847377.25	0.00191	0.00186	0.00178	0.00193	0.0015	3.59E-06	1.6E-07	3.8E-09	1.7E-09	3.76E-06	4.40E-06	2.00E-07	3.78E-09	9.38E-10	4.60E-06	3.88E-06	1.5E-07	3.7E-09	9.7E-10	4E-06
3257	487363.09, 3847377.25	0.00189	0.00187	0.00179	0.00192	0.00149	3.55E-06	1.6E-07	3.8E-09	1.7E-09	3.72E-06	4.35E-06	2.01E-07	3.76E-09	9.32E-10	4.56E-06	3.84E-06	1.5E-07	3.7E-09	9.6E-10	4E-06
3258	487863.09, 3847377.25	0.00174	0.00163	0.00167	0.00174	0.00144	3.27E-06	1.4E-07	3.5E-09	1.6E-09	3.42E-06	4.01E-06	1.75E-07	3.41E-09	9.01E-10	4.19E-06	3.53E-06	1.3E-07	3.3E-09	9.3E-10	4E-06
3259	488363.09, 3847377.25	0.0017	0.00166	0.00161	0.00166	0.0014	3.19E-06	1.5E-07	3.3E-09	1.6E-09	3.35E-06	3.91E-06	1.78E-07	3.25E-09	8.76E-10	4.10E-06	3.45E-06	1.4E-07	3.2E-09	9E-10	4E-06
3260	488863.09, 3847377.25	0.00168	0.00157	0.00159	0.00164	0.00137	3.16E-06	1.4E-07	3.3E-09	1.5E-09	3.30E-06	3.87E-06	1.69E-07	3.21E-09	8.57E-10	4.04E-06	3.41E-06	1.3E-07	3.1E-09	8.8E-10	4E-06

3261	489363.09, 3847377.25	0.00168	0.00157	0.00158	0.00163	0.00137	3.16E-06	1.4E-07	3.2E-09	1.5E-09	3.30E-06	3.87E-06	1.69E-07	3.19E-09	8.57E-10	4.04E-06	3.41E-06	1.3E-07	3.1E-09	8.8E-10	4E-06
3262	489863.09, 3847377.25	0.00161	0.00167	0.00153	0.00152	0.00131	3.03E-06	1.5E-07	3E-09	1.5E-09	3.18E-06	3.71E-06	1.80E-07	2.98E-09	8.19E-10	3.89E-06	3.27E-06	1.4E-07	2.9E-09	8.5E-10	3E-06
3263	490363.09, 3847377.25	0.00157	0.00181	0.00153	0.00145	0.00129	2.95E-06	1.6E-07	2.9E-09	1.4E-09	3.11E-06	3.62E-06	1.95E-07	2.84E-09	8.07E-10	3.81E-06	3.19E-06	1.5E-07	2.8E-09	8.3E-10	3E-06
3264	490863.09, 3847377.25	0.0016	0.00181	0.00157	0.0015	0.00133	3.01E-06	1.6E-07	3E-09	1.5E-09	3.17E-06	3.68E-06	1.95E-07	2.94E-09	8.32E-10	3.88E-06	3.25E-06	1.5E-07	2.9E-09	8.6E-10	3E-06
3265	491363.09, 3847377.25	0.00162	0.00171	0.00159	0.00153	0.00137	3.04E-06	1.5E-07	3E-09	1.5E-09	3.20E-06	3.73E-06	1.84E-07	3.00E-09	8.57E-10	3.92E-06	3.29E-06	1.4E-07	2.9E-09	8.8E-10	3E-06
3266	491863.09, 3847377.25	0.00177	0.0018	0.00172	0.00167	0.00146	3.33E-06	1.6E-07	3.3E-09	1.6E-09	3.49E-06	4.08E-06	1.94E-07	3.27E-09	9.13E-10	4.27E-06	3.59E-06	1.5E-07	3.2E-09	9.4E-10	4E-06
3267	492363.09, 3847377.25	0.00181	0.00188	0.00175	0.00171	0.00147	3.40E-06	1.6E-07	3.4E-09	1.6E-09	3.57E-06	4.17E-06	2.02E-07	3.35E-09	9.19E-10	4.37E-06	3.67E-06	1.6E-07	3.3E-09	9.5E-10	4E-06
3268	492863.09, 3847377.25	0.00195	0.00197	0.00188	0.00183	0.00156	3.66E-06	1.7E-07	3.6E-09	1.7E-09	3.84E-06	4.49E-06	2.12E-07	3.58E-09	9.76E-10	4.71E-06	3.96E-06	1.6E-07	3.5E-09	1E-09	4E-06
3269	493363.09, 3847377.25	0.00206	0.00204	0.00198	0.00195	0.00163	3.87E-06	1.8E-07	3.9E-09	1.8E-09	4.06E-06	4.74E-06	2.19E-07	3.82E-09	1.02E-09	4.97E-06	4.18E-06	1.7E-07	3.7E-09	1.1E-09	4E-06
3270	493863.09, 3847377.25	0.00213	0.0021	0.00203	0.002	0.00168	4.00E-06	1.8E-07	4E-09	1.9E-09	4.19E-06	4.90E-06	2.26E-07	3.92E-09	1.05E-09	5.14E-06	4.32E-06	1.7E-07	3.8E-09	1.1E-09	5E-06
3271	494363.09, 3847377.25	0.00221	0.00223	0.00211	0.00206	0.00173	4.15E-06	2E-07	4.1E-09	1.9E-09	4.35E-06	5.09E-06	2.40E-07	4.04E-09	1.08E-09	5.33E-06	4.49E-06	1.8E-07	3.9E-09	1.1E-09	5E-06
3272	494863.09, 3847377.25	0.00233	0.00251	0.00223	0.00215	0.00181	4.38E-06	2.2E-07	4.3E-09	2E-09	4.61E-06	5.37E-06	2.70E-07	4.21E-09	1.13E-09	5.64E-06	4.73E-06	2.1E-07	4.1E-09	1.2E-09	5E-06
3273	495363.09, 3847377.25	0.00247	0.00273	0.00236	0.00225	0.00189	4.64E-06	2.4E-07	4.5E-09	2.1E-09	4.89E-06	5.69E-06	2.93E-07	4.41E-09	1.18E-09	5.99E-06	5.02E-06	2.3E-07	4.3E-09	1.2E-09	5E-06
3274	495863.09, 3847377.25	0.00264	0.00288	0.00251	0.00242	0.002	4.96E-06	2.5E-07	4.8E-09	2.2E-09	5.22E-06	6.08E-06	3.10E-07	4.74E-09	1.25E-09	6.40E-06	5.36E-06	2.4E-07	4.6E-09	1.3E-09	6E-06
3275	496363.09, 3847377.25	0.00281	0.00303	0.00267	0.00258	0.00211	5.28E-06	2.7E-07	5.1E-09	2.4E-09	5.55E-06	6.47E-06	3.26E-07	5.05E-09	1.32E-09	6.80E-06	5.71E-06	2.5E-07	4.9E-09	1.4E-09	6E-06
3276	496863.09, 3847377.25	0.00308	0.00332	0.00292	0.00284	0.00227	5.79E-06	2.9E-07	5.6E-09	2.5E-09	6.09E-06	7.09E-06	3.57E-07	5.56E-09	1.42E-09	7.46E-06	6.25E-06	2.7E-07	5.4E-09	1.5E-09	7E-06
3277	497363.09, 3847377.25	0.00345	0.00372	0.00326	0.00319	0.0025	6.48E-06	3.3E-07	6.3E-09	2.8E-09	6.82E-06	7.94E-06	4.00E-07	6.25E-09	1.56E-09	8.35E-06	7.00E-06	3.1E-07	6.1E-09	1.6E-09	7E-06
3278	497863.09, 3847377.25	0.00389	0.00414	0.00368	0.00364	0.00277	7.31E-06	3.6E-07	7.2E-09	3.1E-09	7.68E-06	8.96E-06	4.45E-07	7.13E-09	1.73E-09	9.41E-06	7.90E-06	3.4E-07	6.9E-09	1.8E-09	8E-06
3279	498363.09, 3847377.25	0.0041	0.00432	0.00392	0.00388	0.00295	7.70E-06	3.8E-07	7.7E-09	3.3E-09	8.09E-06	9.44E-06	4.64E-07	7.60E-09	1.85E-09	9.92E-06	8.32E-06	3.6E-07	7.4E-09	1.9E-09	9E-06
3280	471363.09, 3847877.25	0.00682	0.00667	0.00654	0.0068	0.00545	1.28E-05	5.9E-07	1.3E-08	6.1E-09	1.34E-05	1.57E-05	7.17E-07	1.33E-08	3.41E-09	1.64E-05	1.38E-05	5.5E-07	1.3E-08	3.5E-09	1E-05
3281	471863.09, 3847877.25	0.007	0.00682	0.00662	0.00688	0.0055	1.32E-05	6E-07	1.4E-08	6.1E-09	1.38E-05	1.61E-05	7.33E-07	1.35E-08	3.44E-09	1.69E-05	1.42E-05	5.6E-07	1.3E-08	3.6E-09	1E-05
3282	472363.09, 3847877.25	0.00713	0.00687	0.00667	0.00702	0.00564	1.34E-05	6E-07	1.4E-08	6.3E-09	1.40E-05	1.64E-05	7.39E-07	1.38E-08	3.53E-09	1.72E-05	1.45E-05	5.7E-07	1.3E-08	3.6E-09	2E-05
3283	472863.09, 3847877.25	0.00722	0.00688	0.00669	0.00714	0.00566	1.36E-05	6E-07	1.4E-08	6.3E-09	1.42E-05	1.66E-05	7.40E-07	1.40E-08	3.54E-09	1.74E-05	1.47E-05	5.7E-07	1.4E-08	3.7E-09	2E-05
3284	473363.09, 3847877.25	0.00732	0.00688	0.00668	0.00721	0.00558	1.38E-05	6E-07	1.4E-08	6.2E-09	1.44E-05	1.69E-05	7.40E-07	1.41E-08	3.49E-09	1.76E-05	1.49E-05	5.7E-07	1.4E-08	3.6E-09	2E-05
3285	473863.09, 3847877.25	0.00703	0.00668	0.00648	0.00698	0.0052	1.32E-05	5.9E-07	1.4E-08	5.8E-09	1.38E-05	1.62E-05	7.18E-07	1.37E-08	3.25E-09	1.69E-05	1.43E-05	5.5E-07	1.3E-08	3.4E-09	1E-05
3286	474363.09, 3847877.25	0.00613	0.00594	0.00581	0.00624	0.0043	1.15E-05	5.2E-07	1.2E-08	4.8E-09	1.21E-05	1.41E-05	6.39E-07	1.22E-08	2.69E-09	1.48E-05	1.24E-05	4.9E-07	1.2E-08	2.8E-09	1E-05
3287	474863.09, 3847877.25	0.00635	0.00608	0.00594	0.00643	0.00445	1.19E-05	5.3E-07	1.3E-08	5E-09	1.25E-05	1.46E-05	6.54E-07	1.26E-08	2.78E-09	1.53E-05	1.29E-05	5E-07	1.2E-08	2.9E-09	1E-05
3288	475363.09, 3847877.25	0.00582	0.00557	0.00546	0.00595	0.00401	1.09E-05	4.9E-07	1.2E-08	4.5E-09	1.14E-05	1.34E-05	5.99E-07	1.17E-08	2.51E-09	1.40E-05	1.18E-05	4.6E-07	1.1E-08	2.6E-09	1E-05
3289	475863.09, 3847877.25	0.00537	0.0051	0.00501	0.00535	0.00352	1.01E-05	4.5E-07	1.1E-08	3.9E-09	1.06E-05	1.24E-05	5.48E-07	1.05E-08	2.20E-09	1.29E-05	1.09E-05	4.2E-07	1E-08	2.3E-09	1E-05
3290	476363.09, 3847877.25	0.00672	0.00637	0.00612	0.00651	0.00439	1.26E-05	5.6E-07	1.3E-08	4.9E-09	1.32E-05	1.55E-05	6.85E-07	1.28E-08	2.75E-09	1.62E-05	1.36E-05	5.3E-07	1.2E-08	2.8E-09	1E-05
3291	476863.09, 3847877.25	0.00835	0.00821	0.00776	0.00794	0.00499	1.57E-05	7.2E-07	1.6E-08	5.6E-09	1.64E-05	1.92E-05	8.83E-07	1.56E-08	3.12E-09	2.01E-05	1.70E-05	6.8E-07	1.5E-08	3.2E-09	2E-05
3292	477363.09, 3847877.25	0.00987	0.00987	0.00963	0.01003	0.00634	1.85E-05	8.7E-07	2E-08	7.1E-09	1.94E-05	2.27E-05	1.06E-06	1.96E-08	3.97E-09	2.38E-05	2.00E-05	8.2E-07	1.9E-08	4.1E-09	2E-05
3293	477863.09, 3847877.25	0.00998	0.01009	0.0099	0.01025	0.00657	1.88E-05	8.9E-07	2E-08	7.3E-09	1.97E-05	2.30E-05	1.08E-06	2.01E-08	4.11E-09	2.41E-05	2.03E-05	8.3E-07	1.9E-08	4.2E-09	2E-05
3294	478363.09, 3847877.25	0.00907	0.00866	0.00902	0.00965	0.00595	1.70E-05	7.6E-07	1.9E-08	6.6E-09	1.78E-05	2.09E-05	9.31E-07	1.89E-08	3.72E-09	2.18E-05	1.84E-05	7.2E-07	1.8E-08	3.8E-09	2E-05
3295	478863.09, 3847877.25	0.00783	0.00764	0.00753	0.00798	0.00507	1.47E-05	6.7E-07	1.6E-08	5.7E-09	1.54E-05	1.80E-05	8.21E-07	1.56E-08	3.17E-09	1.89E-05	1.59E-05	6.3E-07	1.5E-08	3.3E-09	2E-05
3296	479363.09, 3847877.25	0.00522	0.00521	0.00505	0.00542	0.00315	9.81E-06	4.6E-07	1.1E-08	3.5E-09	1.03E-05	1.20E-05	5.60E-07	1.06E-08	1.97E-09	1.26E-05	1.06E-05	4.3E-07	1E-08	2E-09	1E-05
3297	479863.09, 3847877.25	0.00304	0.00285	0.00294	0.00314	0.00225	5.71E-06	2.5E-07	6.2E-09	2.5E-09	5.97E-06	7.00E-06	3.06E-07	6.15E-09	1.41E-09	7.31E-06	6.17E-06	2.4E-07	6E-09	1.5E-09	6E-06
3298	480363.09, 3847877.25	0.00313	0.0032	0.00303	0.0032	0.00223	5.88E-06	2.8E-07	6.4E-09	2.5E-09	6.17E-06	7.21E-06	3.44E-07	6.27E-09	1.39E-09	7.56E-06	6.36E-06	2.6E-07	6.1E-09	1.4E-09	7E-06
3299	480863.09, 3847877.25	0.00272	0.00264	0.00263	0.00281	0.00201	5.11E-06	2.3E-07	5.6E-09	2.2E-09	5.35E-06	6.26E-06	2.84E-07	5.50E-09	1.26E-09	6.55E-06	5.52E-06	2.2E-07	5.3E-09	1.3E-09	6E-06
3300	481363.09, 3847877.25	0.00275	0.00253	0.00264	0.00285	0.00202	5.17E-06	2.2E-07	5.7E-09	2.3E-09	5.40E-06	6.33E-06	2.72E-07	5.58E-09	1.26E-09	6.61E-06	5.58E-06	2.1E-07	5.4E-09	1.3E-09	6E-06
3301	481863.09, 3847877.25	0.00377	0.0036	0.00355	0.00391	0.00242	7.08E-06	3.2E-07	7.8E-09	2.7E-09	7.41E-06	8.68E-06	3.87E-07	7.66E-09	1.51E-09	9.08E-06	7.65E-06	3E-07	7.4E-09	1.6E-09	8E-06
3302	482363.09, 3847877.25	0.00351	0.00357	0.00331	0.00356	0.00231	6.60E-06	3.1E-07	7.1E-09	2.6E-09	6.92E-06	8.08E-06	3.84E-07	6.97E-09	1.44E-09	8.48E-06	7.13E-06	3E-07	6.8E-09	1.5E-09	7E-06
3303	482863.09, 3847877.25	0.00307	0.00281	0.00287	0.00313	0.00218	5.77E-06	2.5E-07	6.2E-09	2.4E-09	6.02E-06	7.07E-06	3.02E-07	6.13E-09	1.36E-09	7.38E-06	6.23E-06	2.3E-07	6E-09	1.4E-09	6E-06
3304	483363.09, 3847877.25	0.00295	0.00286	0.00274	0.00302	0.00203	5.54E-06	2.5E-07	6E-09	2.3E-09	5.80E-06	6.79E-06	3.07E-07	5.92E-09	1.27E-09	7.11E-06	5.99E-06	2.4E-07	5.7E-09	1.3E-09	6E-06
3305	483863.09, 3847877.25	0.00288	0.00248	0.00271	0.00303	0.00207	5.41E-06	2.2E-07	6E-09	2.3E-09	5.64E-06	6.63E-06	2.67E-07	5.94E-09	1.29E-09	6.91E-06	5.85E-06	2.1E-07	5.8E-09	1.3E-09	6E-06
3306	484363.09, 3847877.25	0.00291	0.00283	0.00276	0.00298	0.0021	5.47E-06	2.5E-07	5.9E-09	2.3E-09	5.73E-06	6.70E-06	3.04E-07	5.84E-09	1.31E-09	7.01E-06	5.91E-06	2.3E-07	5.7E-09	1.4E-09	6E-06
3307	484863.09, 3847877.25	0.00279	0.00249	0.0026	0.0029	0.00201	5.24E-06	2.2E-07	5.8E-09	2.2E-09	5.47E-06	6.42E-06	2.68E-07	5.68E-09	1.26E-09	6.70E-06	5.66E-06	2.1E-07	5.5E-09	1.3E-09	6E-06
3308	485363.09, 3847877.25	0.00274	0.0024	0.00254	0.00285	0.00198	5.15E-06	2.1E-07	5.7E-09	2.2E-09	5.37E-06	6.31E-06	2.58E-07	5.58E-09	1.24E-09	6.57E-06	5.56E-06	2E-07	5.4E-09	1.3E-09	6E-06
3309	485863.09, 3847877.25	0.00266	0.00262	0.0025	0.00268	0.00196	5.00E-06	2.3E-07	5.3E-09	2.2E-09	5.24E-06	6.13E-06	2.82E-07	5.25E-09	1.23E-09	6.41E-06	5.40E-06	2.2E-07	5.1E-09	1.3E-09	6E-06
3310	486363.09, 3847877.25	0.00243	0.00237	0.00227	0.00243	0.00183	4.57E-06	2.1E-07	4.8E-09	2E-09	4.78E-06	5.60E-06	2.55E-07	4.76E-09	1.14E-09	5.86E-06	4.93E-06	2E-07	4.6E-09	1.2E-09	5E-06
3311	486863.09, 3847877.25	0.00228	0.00216	0.0021	0.00231	0.00169	4.28E-06	1.9E-07	4.6E-09	1.9E-09	4.48E-06	5.25E-06	2.32E-07	4.53E-09	1.06E-09	5.49E-06	4.63E-06	1.8E-07	4.4E-09	1.1E-09	5E-06
3312	487363.09, 3847877.25	0.00216	0.00208	0.00202	0.00218	0.00166	4.06E-06	1.8E-07	4.3E-09	1.9E-09	4.25E-06	4.97E-06	2.24E-07	4.27E-09	1.04E-09	5.20E-06	4.39E-06	1.7E-07	4.1E-09	1.1E-09	5E-06
3313	487863.09, 3847877.25	0.00202	0.0019	0.00189	0.00198	0.0016	3.80E-06	1.7E-07	3.9E-09	1.8E-09	3.97E-06	4.65E-06	2.04E-07	3.88E-09	1.00E-09	4.86E-06	4.10E-06	1.6E-07	3.8E-09	1E-09	4E-06
3314	488363.09, 3847877.25	0.00196	0.00187	0.00182	0.00192	0.00153	3.68E-06	1.6E-07	3.8E-09	1.7E-09	3.85E-06	4.51E-06	2.01E-07	3.76E-09	9.57E-10	4.72E-06	3.98E-06	1.5E-07	3.7E-09	9.9E-10	4E-06
3315	488863.09, 3847877.25	0.00195	0.00179	0.00181	0.00188	0.00151	3.66E-06	1.6E-07	3.7E-09	1.7E-09	3.83E-06	4.49E-06	1.92E-07	3.68E-09	9.44E-10	4.69E-06	3.96E-06	1.5E-07	3.6E-09	9.8E-10	4E-06
3316	489363.09, 3847877.25	0.00197	0.00189	0.00182	0.00188	0.0015	3.70E-06	1.7E-07	3.7E-09	1.7E-09	3.87E-06	4.54E-06	2.03E-07	3.68E-09	9.38E-10	4.74E-06	4.00E-06	1.6E-07	3.6E-09	9.7E-10	4E-06
3317	489863.09, 3847877.25	0.00208	0.00229	0.00194	0.00194	0.00152	3.91E-06	2E-07	3.9E-09	1.7E-09	4.12E-06	4.79E-06	2.46E-07	3.80E-09	9.51E-10	5.04E-06	4.22E-06	1.9E-07	3.7E-09	9.8E-10	4E-06
3318	490363.09, 3847877.25	0.00211	0.00241	0.002	0.00197	0.00155	3.97E-06	2.1E-07	3.9E-09	1.7E-09	4.18E-06	4.86E-06	2.59E-07	3.86E-09	9.69E-10	5.12E-06	4.28E-06	2E-07	3.7E-09	1E-09	4E-06
3319	490863.09, 3847877.25	0.00209	0.00221	0.00198	0.00196	0.0016	3.93E-06	1.9E-07	3.9E-09	1.8E-09	4.13E-06	4.81E-06	2.38E-07	3.84E-09	1.00E-09	5.06E-06	4.24E-06	1.8E-07	3.7E-09	1E-09	4E-06
3320	491363.09, 3847877.25	0.00203	0.00205	0.00193	0.0019	0.00159	3.81E-06	1.8E-07	3.8E-09	1.8E-09	4.00E-06	4.67E-06	2.20E-07	3.72E-09	9.94E-10	4.90E-06	4.12E-06	1.7E-07	3.6E-09	1E-09	4E-06
3321	491863.09, 3847877.25	0.0021	0.00213	0.00199	0.00197	0.00163	3.95E-06	1.9E-07	3.9E-09	1.8E-09	4.14E-06	4.84E-06	2.29E-07	3.86E-09	1.02E-09	5.07E-06	4.26E-06	1.8E-07	3.7E-09	1.1E-09	4E-06
3322	492363.09, 3847877.25	0.00222	0.00224	0.0021	0.00206	0.0017	4.17E-06	2E-07	4.1E-09	1.9E-09	4.37E-06	5.11E-06	2.41E-07	4.04E-09	1.06E-09	5.36E-06	4.51E-06	1.9E-07	3.9E-09	1.1E-09	5E-06
3323	492863.09, 3847877.25	0.0023	0.00226	0.00218	0.00215	0.00176	4.32E-06	2E-07	4.3E-09	2E-09	4.53E-06	5.30E-06	2.43E-07	4.21E-09	1.10E-09	5.54E-06	4.67E-06	1.9E-07	4.1E-09	1.1E-09	5E-06
3324	493363.09, 3847877.25	0.00229	0.00226	0.00216	0.00212	0.00177	4.30E-06	2E-07	4.2E-09	2E-09	4.51E-06	5.27E-06	2.43E-07	4.15E-09	1.11E-09	5.52E-06	4.65E-06	1.9E-07	4E-09	1.1E-09	5E-06

3325	493863.09, 3847877.25	0.00234	0.00237	0.0022	0.00214	0.00181	4.40E-06	2.1E-07	4.2E-09	2E-09	4.61E-06	5.39E-06	2.55E-07	4.19E-09	1.13E-09	5.65E-06	4.75E-06	2E-07	4.1E-09	1.2E-09	5E-06
3326	494363.09, 3847877.25	0.00244	0.00263	0.00231	0.00222	0.00188	4.59E-06	2.3E-07	4.4E-09	2.1E-09	4.82E-06	5.62E-06	2.83E-07	4.35E-09	1.18E-09	5.91E-06	4.95E-06	2.2E-07	4.2E-09	1.2E-09	5E-06
3327	494863.09, 3847877.25	0.00259	0.00288	0.00245	0.00234	0.00197	4.87E-06	2.5E-07	4.6E-09	2.2E-09	5.13E-06	5.96E-06	3.10E-07	4.58E-09	1.23E-09	6.28E-06	5.26E-06	2.4E-07	4.5E-09	1.3E-09	6E-06
3328	495363.09, 3847877.25	0.00268	0.00295	0.00254	0.00243	0.00204	5.04E-06	2.6E-07	4.8E-09	2.3E-09	5.30E-06	6.17E-06	3.17E-07	4.76E-09	1.28E-09	6.49E-06	5.44E-06	2.4E-07	4.6E-09	1.3E-09	6E-06
3329	495863.09, 3847877.25	0.00256	0.00277	0.00245	0.00233	0.00201	4.81E-06	2.4E-07	4.6E-09	2.2E-09	5.06E-06	5.90E-06	2.98E-07	4.56E-09	1.26E-09	6.20E-06	5.20E-06	2.3E-07	4.4E-09	1.3E-09	5E-06
3330	496363.09, 3847877.25	0.00307	0.00332	0.00291	0.00281	0.0023	5.77E-06	2.9E-07	5.6E-09	2.6E-09	6.07E-06	7.07E-06	3.57E-07	5.50E-09	1.44E-09	7.43E-06	6.23E-06	2.7E-07	5.3E-09	1.5E-09	7E-06
3331	496863.09, 3847877.25	0.00338	0.00367	0.00321	0.00312	0.00248	6.35E-06	3.2E-07	6.2E-09	2.8E-09	6.68E-06	7.78E-06	3.95E-07	6.11E-09	1.55E-09	8.19E-06	6.86E-06	3E-07	5.9E-09	1.6E-09	7E-06
3332	497363.09, 3847877.25	0.00377	0.00403	0.00358	0.00352	0.00275	7.08E-06	3.5E-07	7E-09	3.1E-09	7.45E-06	8.68E-06	4.33E-07	6.90E-09	1.72E-09	9.12E-06	7.65E-06	3.3E-07	6.7E-09	1.8E-09	8E-06
3333	497863.09, 3847877.25	0.00449	0.00471	0.00427	0.00424	0.00321	8.44E-06	4.1E-07	8.4E-09	3.6E-09	8.86E-06	1.03E-05	5.06E-07	8.31E-09	2.01E-09	1.09E-05	9.12E-06	3.9E-07	8.1E-09	2.1E-09	1E-05
3334	498363.09, 3847877.25	0.0049	0.00508	0.00467	0.00464	0.00349	9.21E-06	4.5E-07	9.2E-09	3.9E-09	9.67E-06	1.13E-05	5.46E-07	9.09E-09	2.18E-09	1.18E-05	9.95E-06	4.2E-07	8.8E-09	2.3E-09	1E-05
3335	471363.09, 3848377.25	0.00696	0.00669	0.00672	0.0071	0.00592	1.31E-05	5.9E-07	1.4E-08	6.6E-09	1.37E-05	1.60E-05	7.19E-07	1.39E-08	3.70E-09	1.68E-05	1.41E-05	5.5E-07	1.4E-08	3.8E-09	1E-05
3336	471863.09, 3848377.25	0.00735	0.0071	0.00707	0.00744	0.00608	1.38E-05	6.2E-07	1.5E-08	6.8E-09	1.45E-05	1.69E-05	7.63E-07	1.46E-08	3.80E-09	1.77E-05	1.49E-05	5.9E-07	1.4E-08	3.9E-09	2E-05
3337	472363.09, 3848377.25	0.00761	0.00742	0.00724	0.00754	0.00602	1.43E-05	6.5E-07	1.5E-08	6.7E-09	1.50E-05	1.75E-05	7.98E-07	1.48E-08	3.77E-09	1.83E-05	1.55E-05	6.1E-07	1.4E-08	3.9E-09	2E-05
3338	472863.09, 3848377.25	0.00782	0.00757	0.00733	0.00767	0.00612	1.47E-05	6.6E-07	1.5E-08	6.8E-09	1.54E-05	1.80E-05	8.14E-07	1.50E-08	3.83E-09	1.88E-05	1.59E-05	6.3E-07	1.5E-08	4E-09	2E-05
3339	473363.09, 3848377.25	0.00795	0.00762	0.00737	0.00783	0.00622	1.49E-05	6.7E-07	1.6E-08	6.9E-09	1.56E-05	1.83E-05	8.19E-07	1.53E-08	3.89E-09	1.91E-05	1.61E-05	6.3E-07	1.5E-08	4E-09	2E-05
3340	473863.09, 3848377.25	0.00808	0.00763	0.00738	0.00795	0.0062	1.52E-05	6.7E-07	1.6E-08	6.9E-09	1.59E-05	1.86E-05	8.20E-07	1.56E-08	3.88E-09	1.94E-05	1.64E-05	6.3E-07	1.5E-08	4E-09	2E-05
3341	474363.09, 3848377.25	0.00793	0.00751	0.00727	0.00782	0.00587	1.49E-05	6.6E-07	1.6E-08	6.6E-09	1.56E-05	1.83E-05	8.07E-07	1.53E-08	3.67E-09	1.91E-05	1.61E-05	6.2E-07	1.5E-08	3.8E-09	2E-05
3342	474863.09, 3848377.25	0.00716	0.00691	0.00673	0.00722	0.00504	1.35E-05	6.1E-07	1.4E-08	5.6E-09	1.41E-05	1.65E-05	7.43E-07	1.41E-08	3.15E-09	1.72E-05	1.45E-05	5.7E-07	1.4E-08	3.3E-09	2E-05
3343	475363.09, 3848377.25	0.00754	0.00714	0.00693	0.00756	0.00538	1.42E-05	6.3E-07	1.5E-08	6E-09	1.48E-05	1.74E-05	7.68E-07	1.48E-08	3.36E-09	1.81E-05	1.53E-05	5.9E-07	1.4E-08	3.5E-09	2E-05
3344	475863.09, 3848377.25	0.00686	0.00656	0.00638	0.00699	0.00474	1.29E-05	5.8E-07	1.4E-08	5.3E-09	1.35E-05	1.58E-05	7.05E-07	1.37E-08	2.96E-09	1.65E-05	1.39E-05	5.4E-07	1.3E-08	3.1E-09	1E-05
3345	476363.09, 3848377.25	0.00612	0.00579	0.00567	0.0061	0.00397	1.15E-05	5.1E-07	1.2E-08	4.4E-09	1.20E-05	1.41E-05	6.22E-07	1.19E-08	2.48E-09	1.47E-05	1.24E-05	4.8E-07	1.2E-08	2.6E-09	1E-05
3346	476863.09, 3848377.25	0.00774	0.00722	0.0069	0.00739	0.00506	1.45E-05	6.3E-07	1.5E-08	5.7E-09	1.52E-05	1.78E-05	7.76E-07	1.45E-08	3.16E-09	1.86E-05	1.57E-05	6E-07	1.4E-08	3.3E-09	2E-05
3347	477363.09, 3848377.25	0.00922	0.00905	0.0085	0.00872	0.00545	1.73E-05	7.9E-07	1.7E-08	6.1E-09	1.81E-05	2.12E-05	9.73E-07	1.71E-08	3.41E-09	2.22E-05	1.87E-05	7.5E-07	1.7E-08	3.5E-09	2E-05
3348	477863.09, 3848377.25	0.01107	0.01108	0.01074	0.01119	0.00708	2.08E-05	9.7E-07	2.2E-08	7.9E-09	2.18E-05	2.55E-05	1.19E-06	2.19E-08	4.43E-09	2.67E-05	2.25E-05	9.2E-07	2.1E-08	4.6E-09	2E-05
3349	478363.09, 3848377.25	0.01109	0.01123	0.01101	0.01143	0.00723	2.08E-05	9.9E-07	2.3E-08	8.1E-09	2.19E-05	2.55E-05	1.21E-06	2.24E-08	4.52E-09	2.68E-05	2.25E-05	9.3E-07	2.2E-08	4.7E-09	2E-05
3350	478863.09, 3848377.25	0.00965	0.00904	0.00954	0.01029	0.00615	1.81E-05	7.9E-07	2E-08	6.9E-09	1.90E-05	2.22E-05	9.72E-07	2.02E-08	3.85E-09	2.32E-05	1.96E-05	7.5E-07	2E-08	4E-09	2E-05
3351	479363.09, 3848377.25	0.00654	0.0067	0.00641	0.0067	0.00403	1.23E-05	5.9E-07	1.3E-08	4.5E-09	1.29E-05	1.51E-05	7.20E-07	1.31E-08	2.52E-09	1.58E-05	1.33E-05	5.5E-07	1.3E-08	2.6E-09	1E-05
3352	479863.09, 3848377.25	0.00224	0.00222	0.00227	0.0023	0.00195	4.21E-06	1.9E-07	4.6E-09	2.2E-09	4.41E-06	5.16E-06	2.39E-07	4.51E-09	1.22E-09	5.40E-06	4.55E-06	1.8E-07	4.4E-09	1.3E-09	5E-06
3353	480363.09, 3848377.25	0.00318	0.00307	0.00307	0.00327	0.00235	5.98E-06	2.7E-07	6.5E-09	2.6E-09	6.25E-06	7.32E-06	3.30E-07	6.41E-09	1.47E-09	7.66E-06	6.46E-06	2.5E-07	6.2E-09	1.5E-09	7E-06
3354	480863.09, 3848377.25	0.00446	0.00464	0.00431	0.00457	0.00276	8.38E-06	4.1E-07	9.1E-09	3.1E-09	8.80E-06	1.03E-05	4.99E-07	8.95E-09	1.73E-09	1.08E-05	9.06E-06	3.8E-07	8.7E-09	1.8E-09	9E-06
3355	481363.09, 3848377.25	0.0044	0.00382	0.00418	0.0047	0.0027	8.27E-06	3.4E-07	9.3E-09	3E-09	8.62E-06	1.01E-05	4.11E-07	9.21E-09	1.69E-09	1.06E-05	8.93E-06	3.2E-07	8.9E-09	1.7E-09	9E-06
3356	481863.09, 3848377.25	0.00447	0.00413	0.00426	0.00467	0.00278	8.40E-06	3.6E-07	9.3E-09	3.1E-09	8.77E-06	1.03E-05	4.44E-07	9.15E-09	1.74E-09	1.07E-05	9.08E-06	3.4E-07	8.9E-09	1.8E-09	9E-06
3357	482363.09, 3848377.25	0.00446	0.00445	0.00419	0.00457	0.00272	8.38E-06	3.9E-07	9.1E-09	3E-09	8.78E-06	1.03E-05	4.78E-07	8.95E-09	1.70E-09	1.08E-05	9.06E-06	3.7E-07	8.7E-09	1.8E-09	9E-06
3358	482863.09, 3848377.25	0.00375	0.0036	0.00354	0.00382	0.0025	7.05E-06	3.2E-07	7.6E-09	2.8E-09	7.37E-06	8.64E-06	3.87E-07	7.48E-09	1.56E-09	9.03E-06	7.61E-06	3E-07	7.3E-09	1.6E-09	8E-06
3359	483363.09, 3848377.25	0.00362	0.0035	0.00336	0.0037	0.00238	6.80E-06	3.1E-07	7.3E-09	2.7E-09	7.12E-06	8.34E-06	3.76E-07	7.25E-09	1.49E-09	8.72E-06	7.35E-06	2.9E-07	7E-09	1.5E-09	8E-06
3360	483863.09, 3848377.25	0.00328	0.0028	0.00307	0.00347	0.00231	6.16E-06	2.5E-07	6.9E-09	2.6E-09	6.42E-06	7.55E-06	3.01E-07	6.80E-09	1.44E-09	7.86E-06	6.66E-06	2.3E-07	6.6E-09	1.5E-09	7E-06
3361	484363.09, 3848377.25	0.00321	0.00308	0.00302	0.00333	0.00232	6.03E-06	2.7E-07	6.6E-09	2.6E-09	6.31E-06	7.39E-06	3.31E-07	6.52E-09	1.45E-09	7.73E-06	6.52E-06	2.5E-07	6.3E-09	1.5E-09	7E-06
3362	484863.09, 3848377.25	0.00343	0.00303	0.0032	0.00357	0.00235	6.45E-06	2.7E-07	7.1E-09	2.6E-09	6.72E-06	7.90E-06	3.26E-07	6.99E-09	1.47E-09	8.23E-06	6.96E-06	2.5E-07	6.8E-09	1.5E-09	7E-06
3363	485363.09, 3848377.25	0.00325	0.00274	0.00299	0.0034	0.00225	6.11E-06	2.4E-07	6.7E-09	2.5E-09	6.36E-06	7.48E-06	2.95E-07	6.66E-09	1.41E-09	7.79E-06	6.60E-06	2.3E-07	6.5E-09	1.5E-09	7E-06
3364	485863.09, 3848377.25	0.00311	0.00311	0.00289	0.00311	0.00219	5.84E-06	2.7E-07	6.2E-09	2.4E-09	6.13E-06	7.16E-06	3.34E-07	6.09E-09	1.37E-09	7.50E-06	6.31E-06	2.6E-07	5.9E-09	1.4E-09	7E-06
3365	486363.09, 3848377.25	0.0029	0.00286	0.00269	0.00292	0.00206	5.45E-06	2.5E-07	5.8E-09	2.3E-09	5.71E-06	6.68E-06	3.07E-07	5.72E-09	1.29E-09	6.99E-06	5.89E-06	2.4E-07	5.6E-09	1.3E-09	6E-06
3366	486863.09, 3848377.25	0.00267	0.00247	0.00245	0.00272	0.00192	5.02E-06	2.2E-07	5.4E-09	2.1E-09	5.24E-06	6.15E-06	2.66E-07	5.33E-09	1.20E-09	6.42E-06	5.42E-06	2E-07	5.2E-09	1.2E-09	6E-06
3367	487363.09, 3848377.25	0.00241	0.00227	0.00222	0.00238	0.00181	4.53E-06	2E-07	4.7E-09	2E-09	4.73E-06	5.55E-06	2.44E-07	4.66E-09	1.13E-09	5.80E-06	4.89E-06	1.9E-07	4.5E-09	1.2E-09	5E-06
3368	487863.09, 3848377.25	0.00235	0.00225	0.00217	0.00229	0.00178	4.42E-06	2E-07	4.5E-09	2E-09	4.62E-06	5.41E-06	2.42E-07	4.49E-09	1.11E-09	5.66E-06	4.77E-06	1.9E-07	4.4E-09	1.1E-09	5E-06
3369	488363.09, 3848377.25	0.00229	0.00214	0.0021	0.00221	0.00171	4.30E-06	1.9E-07	4.4E-09	1.9E-09	4.50E-06	5.27E-06	2.30E-07	4.33E-09	1.07E-09	5.51E-06	4.65E-06	1.8E-07	4.2E-09	1.1E-09	5E-06
3370	488863.09, 3848377.25	0.00231	0.00214	0.00208	0.00219	0.00168	4.34E-06	1.9E-07	4.3E-09	1.9E-09	4.53E-06	5.32E-06	2.30E-07	4.29E-09	1.05E-09	5.55E-06	4.69E-06	1.8E-07	4.2E-09	1.1E-09	5E-06
3371	489363.09, 3848377.25	0.00238	0.00243	0.00215	0.0022	0.00168	4.47E-06	2.1E-07	4.4E-09	1.9E-09	4.69E-06	5.48E-06	2.61E-07	4.31E-09	1.05E-09	5.75E-06	4.83E-06	2E-07	4.2E-09	1.1E-09	5E-06
3372	489863.09, 3848377.25	0.00256	0.00289	0.00236	0.00236	0.00173	4.81E-06	2.5E-07	4.7E-09	1.9E-09	5.07E-06	5.90E-06	3.11E-07	4.62E-09	1.08E-09	6.21E-06	5.20E-06	2.4E-07	4.5E-09	1.1E-09	5E-06
3373	490363.09, 3848377.25	0.00257	0.00279	0.0024	0.00239	0.0018	4.83E-06	2.4E-07	4.7E-09	2E-09	5.08E-06	5.92E-06	3.00E-07	4.68E-09	1.13E-09	6.22E-06	5.22E-06	2.3E-07	4.5E-09	1.2E-09	5E-06
3374	490863.09, 3848377.25	0.0025	0.00255	0.00232	0.00232	0.00182	4.70E-06	2.2E-07	4.6E-09	2E-09	4.93E-06	5.76E-06	2.74E-07	4.54E-09	1.14E-09	6.04E-06	5.08E-06	2.1E-07	4.4E-09	1.2E-09	5E-06
3375	491363.09, 3848377.25	0.0025	0.00248	0.00232	0.00231	0.00184	4.70E-06	2.2E-07	4.6E-09	2.1E-09	4.92E-06	5.76E-06	2.67E-07	4.53E-09	1.15E-09	6.03E-06	5.08E-06	2.1E-07	4.4E-09	1.2E-09	5E-06
3376	491863.09, 3848377.25	0.00256	0.00259	0.00237	0.00234	0.00187	4.81E-06	2.3E-07	4.6E-09	2.1E-09	5.04E-06	5.90E-06	2.78E-07	4.58E-09	1.17E-09	6.18E-06	5.20E-06	2.1E-07	4.5E-09	1.2E-09	5E-06
3377	492363.09, 3848377.25	0.00252	0.00247	0.00234	0.00231	0.00188	4.74E-06	2.2E-07	4.6E-09	2.1E-09	4.96E-06	5.80E-06	2.66E-07	4.53E-09	1.18E-09	6.07E-06	5.12E-06	2E-07	4.4E-09	1.2E-09	5E-06
3378	492863.09, 3848377.25	0.00246	0.00243	0.00229	0.00224	0.00187	4.62E-06	2.1E-07	4.4E-09	2.1E-09	4.84E-06	5.66E-06	2.61E-07	4.39E-09	1.17E-09	5.93E-06	4.99E-06	2E-07	4.3E-09	1.2E-09	5E-06
3379	493363.09, 3848377.25	0.00253	0.0026	0.00235	0.00229	0.00192	4.75E-06	2.3E-07	4.5E-09	2.1E-09	4.99E-06	5.83E-06	2.80E-07	4.49E-09	1.20E-09	6.11E-06	5.14E-06	2.2E-07	4.4E-09	1.2E-09	5E-06
3380	493863.09, 3848377.25	0.00262	0.00282	0.00244	0.00235	0.00196	4.92E-06	2.5E-07	4.7E-09	2.2E-09	5.18E-06	6.03E-06	3.03E-07	4.60E-09	1.23E-09	6.34E-06	5.32E-06	2.3E-07	4.5E-09	1.3E-09	6E-06
3381	494363.09, 3848377.25	0.00271	0.00303	0.00255	0.00242	0.00204	5.09E-06	2.7E-07	4.8E-09	2.3E-09	5.37E-06	6.24E-06	3.26E-07	4.74E-09	1.28E-09	6.57E-06	5.50E-06	2.5E-07	4.6E-09	1.3E-09	6E-06
3382	494863.09, 3848377.25	0.00289	0.0032	0.00272	0.0026	0.00217	5.43E-06	2.8E-07	5.2E-09	2.4E-09	5.72E-06	6.66E-06	3.44E-07	5.09E-09	1.36E-09	7.01E-06	5.87E-06	2.6E-07	4.9E-09	1.4E-09	6E-06
3383	495363.09, 3848377.25	0.00287	0.00312	0.00272	0.00259	0.0022	5.39E-06	2.7E-07	5.1E-09	2.5E-09	5.67E-06	6.61E-06	3.35E-07	5.07E-09	1.38E-09	6.95E-06	5.83E-06	2.6E-07	4.9E-09	1.4E-09	6E-06
3384	495863.09, 3848377.25	0.00301	0.00328	0.00285	0.00273	0.0023	5.66E-06	2.9E-07	5.4E-09	2.6E-09	5.95E-06	6.93E-06	3.53E-07	5.35E-09	1.44E-09	7.29E-06	6.11E-06	2.7E-07	5.2E-09	1.5E-09	6E-06
3385	496363.09, 3848377.25	0.00336	0.00365	0.00318	0.00308	0.00252	6.31E-06	3.2E-07	6.1E-09	2.8E-09	6.64E-06	7.74E-06	3.92E-07	6.03E-09	1.58E-09	8.14E-06	6.82E-06	3E-07	5.9E-09	1.6E-09	7E-06
3386	496863.09, 3848377.25	0.00346	0.00373	0.00331	0.00321	0.00263	6.50E-06	3.3E-07	6.4E-09	2.9E-09	6.84E-06	7.97E-06	4.01E-07	6.29E-09	1.64E-09	8.38E-06	7.03E-06	3.1E-07	6.1E-09	1.7E-09	7E-06
3387	497363.09, 3848377.25	0.00398	0.00422	0.00381	0.00373	0.00299	7.48E-06	3.7E-07	7.4E-09	3.3E-09	7.86E-06	9.17E-06	4.54E-07	7.31E-09	1.87E-09	9.63E-06	8.08E-06	3.5E-07	7.1E-09	1.9E-09	8E-06
3388	497863.09, 3848377.25	0.00544	0.00567	0.00517	0.00514	0.00384	1.02E-05	5E-07	1E-08	4.3E-09	1.07E-05	1.25E-05	6.10E-07	1.01E-08	2.40E-09	1.31E-05	1.10E-05	4.7E-07	9.8E-09	2.5E-09	1E-05

3389	498363.09, 3848377.25	0.00579	0.006	0.00554	0.00553	0.0041	1.09E-05	5.3E-07	1.1E-08	4.6E-09	1.14E-05	1.33E-05	6.45E-07	1.08E-08	2.56E-09	1.40E-05	1.18E-05	5E-07	1.1E-08	2.6E-09	1E-05
3390	471363.09, 3848877.25	0.00681	0.00665	0.00644	0.00668	0.00558	1.28E-05	5.8E-07	1.3E-08	6.2E-09	1.34E-05	1.57E-05	7.15E-07	1.31E-08	3.49E-09	1.64E-05	1.38E-05	5.5E-07	1.3E-08	3.6E-09	1E-05
3391	471863.09, 3848877.25	0.00734	0.00708	0.00698	0.00736	0.00618	1.38E-05	6.2E-07	1.5E-08	6.9E-09	1.44E-05	1.69E-05	7.61E-07	1.44E-08	3.87E-09	1.77E-05	1.49E-05	5.9E-07	1.4E-08	4E-09	2E-05
3392	472363.09, 3848877.25	0.00784	0.0075	0.00749	0.00796	0.00661	1.47E-05	6.6E-07	1.6E-08	7.4E-09	1.54E-05	1.81E-05	8.06E-07	1.56E-08	4.13E-09	1.89E-05	1.59E-05	6.2E-07	1.5E-08	4.3E-09	2E-05
3393	472863.09, 3848877.25	0.00827	0.00796	0.00787	0.00831	0.00676	1.55E-05	7E-07	1.6E-08	7.6E-09	1.63E-05	1.90E-05	8.56E-07	1.63E-08	4.23E-09	1.99E-05	1.68E-05	6.6E-07	1.6E-08	4.4E-09	2E-05
3394	473363.09, 3848877.25	0.00862	0.00832	0.00809	0.0085	0.00684	1.62E-05	7.3E-07	1.7E-08	7.6E-09	1.70E-05	1.99E-05	8.94E-07	1.67E-08	4.28E-09	2.08E-05	1.75E-05	6.9E-07	1.6E-08	4.4E-09	2E-05
3395	473863.09, 3848877.25	0.00883	0.00848	0.00818	0.00867	0.00689	1.66E-05	7.4E-07	1.7E-08	7.7E-09	1.74E-05	2.03E-05	9.12E-07	1.70E-08	4.31E-09	2.13E-05	1.79E-05	7E-07	1.6E-08	4.5E-09	2E-05
3396	474363.09, 3848877.25	0.00908	0.00854	0.00823	0.0089	0.00702	1.71E-05	7.5E-07	1.8E-08	7.8E-09	1.78E-05	2.09E-05	9.18E-07	1.74E-08	4.39E-09	2.18E-05	1.84E-05	7.1E-07	1.7E-08	4.5E-09	2E-05
3397	474863.09, 3848877.25	0.00876	0.00837	0.00807	0.00862	0.00638	1.65E-05	7.3E-07	1.7E-08	7.1E-09	1.72E-05	2.02E-05	9.00E-07	1.69E-08	3.99E-09	2.11E-05	1.78E-05	6.9E-07	1.6E-08	4.1E-09	2E-05
3398	475363.09, 3848877.25	0.00856	0.00817	0.00788	0.00849	0.00611	1.61E-05	7.2E-07	1.7E-08	6.8E-09	1.68E-05	1.97E-05	8.78E-07	1.66E-08	3.82E-09	2.06E-05	1.74E-05	6.8E-07	1.6E-08	3.9E-09	2E-05
3399	475863.09, 3848877.25	0.00872	0.00819	0.0079	0.00868	0.00628	1.64E-05	7.2E-07	1.7E-08	7E-09	1.71E-05	2.01E-05	8.80E-07	1.70E-08	3.93E-09	2.10E-05	1.77E-05	6.8E-07	1.7E-08	4.1E-09	2E-05
3400	476363.09, 3848877.25	0.00824	0.00779	0.00753	0.0083	0.00577	1.55E-05	6.8E-07	1.6E-08	6.4E-09	1.62E-05	1.90E-05	8.37E-07	1.63E-08	3.61E-09	1.98E-05	1.67E-05	6.4E-07	1.6E-08	3.7E-09	2E-05
3401	476863.09, 3848877.25	0.00759	0.00712	0.00691	0.00755	0.00498	1.43E-05	6.2E-07	1.5E-08	5.6E-09	1.49E-05	1.75E-05	7.65E-07	1.48E-08	3.11E-09	1.83E-05	1.54E-05	5.9E-07	1.4E-08	3.2E-09	2E-05
3402	477363.09, 3848877.25	0.00901	0.00821	0.00781	0.00849	0.00587	1.69E-05	7.2E-07	1.7E-08	6.6E-09	1.77E-05	2.07E-05	8.83E-07	1.66E-08	3.67E-09	2.17E-05	1.83E-05	6.8E-07	1.6E-08	3.8E-09	2E-05
3403	477863.09, 3848877.25	0.01056	0.01028	0.00959	0.00989	0.00631	1.98E-05	9E-07	2E-08	7.1E-09	2.08E-05	2.43E-05	1.11E-06	1.94E-08	3.95E-09	2.54E-05	2.14E-05	8.5E-07	1.9E-08	4.1E-09	2E-05
3404	478363.09, 3848877.25	0.01268	0.01267	0.01218	0.0127	0.0082	2.38E-05	1.1E-06	2.5E-08	9.2E-09	2.50E-05	2.92E-05	1.36E-06	2.49E-08	5.13E-09	3.06E-05	2.57E-05	1E-06	2.4E-08	5.3E-09	3E-05
3405	478863.09, 3848877.25	0.01237	0.01251	0.01228	0.01282	0.00793	2.32E-05	1.1E-06	2.5E-08	8.9E-09	2.44E-05	2.85E-05	1.34E-06	2.51E-08	4.96E-09	2.99E-05	2.51E-05	1E-06	2.4E-08	5.1E-09	3E-05
3406	479363.09, 3848877.25	0.01009	0.00935	0.00994	0.01076	0.00624	1.90E-05	8.2E-07	2.1E-08	7E-09	1.98E-05	2.32E-05	1.01E-06	2.11E-08	3.90E-09	2.43E-05	2.05E-05	7.7E-07	2E-08	4E-09	2E-05
3407	479863.09, 3848877.25	0.00724	0.00754	0.00704	0.00737	0.00431	1.36E-05	6.6E-07	1.5E-08	4.8E-09	1.43E-05	1.67E-05	8.11E-07	1.44E-08	2.70E-09	1.75E-05	1.47E-05	6.2E-07	1.4E-08	2.8E-09	2E-05
3408	480363.09, 3848877.25	0.00691	0.00626	0.00651	0.00718	0.00401	1.30E-05	5.5E-07	1.4E-08	4.5E-09	1.36E-05	1.59E-05	6.73E-07	1.41E-08	2.51E-09	1.66E-05	1.40E-05	5.2E-07	1.4E-08	2.6E-09	1E-05
3409	480863.09, 3848877.25	0.00706	0.00689	0.00665	0.00733	0.00397	1.33E-05	6E-07	1.5E-08	4.4E-09	1.39E-05	1.63E-05	7.41E-07	1.44E-08	2.48E-09	1.70E-05	1.43E-05	5.7E-07	1.4E-08	2.6E-09	1E-05
3410	481363.09, 3848877.25	0.00645	0.00628	0.00615	0.0067	0.0036	1.21E-05	5.5E-07	1.3E-08	4E-09	1.27E-05	1.49E-05	6.75E-07	1.31E-08	2.25E-09	1.55E-05	1.31E-05	5.2E-07	1.3E-08	2.3E-09	1E-05
3411	481863.09, 3848877.25	0.00537	0.00466	0.00507	0.00564	0.00319	1.01E-05	4.1E-07	1.1E-08	3.6E-09	1.05E-05	1.24E-05	5.01E-07	1.10E-08	2.00E-09	1.29E-05	1.09E-05	3.9E-07	1.1E-08	2.1E-09	1E-05
3412	482363.09, 3848877.25	0.00439	0.00428	0.00411	0.00447	0.00276	8.25E-06	3.8E-07	8.9E-09	3.1E-09	8.64E-06	1.01E-05	4.60E-07	8.76E-09	1.73E-09	1.06E-05	8.91E-06	3.5E-07	8.5E-09	1.8E-09	9E-06
3413	482863.09, 3848877.25	0.00362	0.00359	0.00342	0.00367	0.00251	6.80E-06	3.1E-07	7.3E-09	2.8E-09	7.13E-06	8.34E-06	3.86E-07	7.19E-09	1.57E-09	8.73E-06	7.35E-06	3E-07	7E-09	1.6E-09	8E-06
3414	483363.09, 3848877.25	0.00316	0.00307	0.00298	0.00321	0.0023	5.94E-06	2.7E-07	6.4E-09	2.6E-09	6.22E-06	7.28E-06	3.30E-07	6.29E-09	1.44E-09	7.61E-06	6.42E-06	2.5E-07	6.1E-09	1.5E-09	7E-06
3415	483863.09, 3848877.25	0.0031	0.00275	0.00292	0.00323	0.00226	5.83E-06	2.4E-07	6.4E-09	2.5E-09	6.08E-06	7.14E-06	2.96E-07	6.33E-09	1.41E-09	7.44E-06	6.29E-06	2.3E-07	6.1E-09	1.5E-09	7E-06
3416	484363.09, 3848877.25	0.00365	0.0034	0.00343	0.00377	0.00254	6.86E-06	3E-07	7.5E-09	2.8E-09	7.17E-06	8.41E-06	3.66E-07	7.39E-09	1.59E-09	8.78E-06	7.41E-06	2.8E-07	7.2E-09	1.6E-09	8E-06
3417	484863.09, 3848877.25	0.00418	0.00379	0.00394	0.00437	0.00272	7.86E-06	3.3E-07	8.7E-09	3E-09	8.20E-06	9.63E-06	4.07E-07	8.56E-09	1.70E-09	1.00E-05	8.49E-06	3.1E-07	8.3E-09	1.8E-09	9E-06
3418	485363.09, 3848877.25	0.00393	0.00321	0.00361	0.00413	0.00259	7.39E-06	2.8E-07	8.2E-09	2.9E-09	7.68E-06	9.05E-06	3.45E-07	8.09E-09	1.62E-09	9.40E-06	7.98E-06	2.7E-07	7.9E-09	1.7E-09	8E-06
3419	485863.09, 3848877.25	0.0037	0.00377	0.00341	0.0037	0.00247	6.95E-06	3.3E-07	7.3E-09	2.8E-09	7.29E-06	8.52E-06	4.05E-07	7.25E-09	1.54E-09	8.93E-06	7.51E-06	3.1E-07	7E-09	1.6E-09	8E-06
3420	486363.09, 3848877.25	0.00332	0.00327	0.00308	0.00334	0.00227	6.24E-06	2.9E-07	6.6E-09	2.5E-09	6.53E-06	7.65E-06	3.52E-07	6.54E-09	1.42E-09	8.00E-06	6.74E-06	2.7E-07	6.4E-09	1.5E-09	7E-06
3421	486863.09, 3848877.25	0.00296	0.00262	0.00268	0.00299	0.0021	5.56E-06	2.3E-07	5.9E-09	2.3E-09	5.80E-06	6.82E-06	2.82E-07	5.86E-09	1.31E-09	7.11E-06	6.01E-06	2.2E-07	5.7E-09	1.4E-09	6E-06
3422	487363.09, 3848877.25	0.00293	0.0028	0.00266	0.00284	0.00206	5.51E-06	2.5E-07	5.6E-09	2.3E-09	5.76E-06	6.75E-06	3.01E-07	5.56E-09	1.29E-09	7.06E-06	5.95E-06	2.3E-07	5.4E-09	1.3E-09	6E-06
3423	487863.09, 3848877.25	0.00279	0.0026	0.00254	0.0027	0.00199	5.24E-06	2.3E-07	5.4E-09	2.2E-09	5.48E-06	6.42E-06	2.80E-07	5.29E-09	1.24E-09	6.71E-06	5.66E-06	2.2E-07	5.1E-09	1.3E-09	6E-06
3424	488363.09, 3848877.25	0.00278	0.00262	0.00248	0.00262	0.00195	5.22E-06	2.3E-07	5.2E-09	2.2E-09	5.46E-06	6.40E-06	2.82E-07	5.13E-09	1.22E-09	6.69E-06	5.64E-06	2.2E-07	5E-09	1.3E-09	6E-06
3425	488863.09, 3848877.25	0.00279	0.00268	0.00247	0.00259	0.00188	5.24E-06	2.4E-07	5.1E-09	2.1E-09	5.49E-06	6.42E-06	2.88E-07	5.07E-09	1.18E-09	6.72E-06	5.66E-06	2.2E-07	4.9E-09	1.2E-09	6E-06
3426	489363.09, 3848877.25	0.00292	0.00317	0.00261	0.0027	0.0019	5.49E-06	2.8E-07	5.4E-09	2.1E-09	5.77E-06	6.72E-06	3.41E-07	5.29E-09	1.19E-09	7.07E-06	5.93E-06	2.6E-07	5.1E-09	1.2E-09	6E-06
3427	489863.09, 3848877.25	0.00307	0.00334	0.00279	0.00284	0.00199	5.77E-06	2.9E-07	5.6E-09	2.2E-09	6.07E-06	7.07E-06	3.59E-07	5.56E-09	1.24E-09	7.44E-06	6.23E-06	2.8E-07	5.4E-09	1.3E-09	7E-06
3428	490363.09, 3848877.25	0.00299	0.0031	0.00275	0.00274	0.00204	5.62E-06	2.7E-07	5.4E-09	2.3E-09	5.90E-06	6.89E-06	3.33E-07	5.37E-09	1.28E-09	7.23E-06	6.07E-06	2.6E-07	5.2E-09	1.3E-09	6E-06
3429	490863.09, 3848877.25	0.00295	0.00291	0.00268	0.00268	0.00203	5.54E-06	2.6E-07	5.3E-09	2.3E-09	5.81E-06	6.79E-06	3.13E-07	5.25E-09	1.27E-09	7.11E-06	5.99E-06	2.4E-07	5.1E-09	1.3E-09	6E-06
3430	491363.09, 3848877.25	0.00299	0.00296	0.0027	0.00271	0.00207	5.62E-06	2.6E-07	5.4E-09	2.3E-09	5.89E-06	6.89E-06	3.18E-07	5.31E-09	1.29E-09	7.21E-06	6.07E-06	2.4E-07	5.2E-09	1.3E-09	6E-06
3431	491863.09, 3848877.25	0.00291	0.00286	0.00264	0.00262	0.00206	5.47E-06	2.5E-07	5.2E-09	2.3E-09	5.73E-06	6.70E-06	3.07E-07	5.13E-09	1.29E-09	7.02E-06	5.91E-06	2.4E-07	5E-09	1.3E-09	6E-06
3432	492363.09, 3848877.25	0.00284	0.00279	0.0026	0.00253	0.00206	5.34E-06	2.4E-07	5E-09	2.3E-09	5.59E-06	6.54E-06	3.00E-07	4.96E-09	1.29E-09	6.85E-06	5.77E-06	2.3E-07	4.8E-09	1.3E-09	6E-06
3433	492863.09, 3848877.25	0.00275	0.00283	0.00252	0.00243	0.00203	5.17E-06	2.5E-07	4.8E-09	2.3E-09	5.42E-06	6.33E-06	3.04E-07	4.76E-09	1.27E-09	6.64E-06	5.58E-06	2.3E-07	4.6E-09	1.3E-09	6E-06
3434	493363.09, 3848877.25	0.00268	0.00291	0.00249	0.00237	0.00201	5.04E-06	2.6E-07	4.7E-09	2.2E-09	5.30E-06	6.17E-06	3.13E-07	4.64E-09	1.26E-09	6.49E-06	5.44E-06	2.4E-07	4.5E-09	1.3E-09	6E-06
3435	493863.09, 3848877.25	0.00289	0.00323	0.00269	0.00255	0.00215	5.43E-06	2.8E-07	5.1E-09	2.4E-09	5.72E-06	6.66E-06	3.47E-07	5.00E-09	1.34E-09	7.01E-06	5.87E-06	2.7E-07	4.9E-09	1.4E-09	6E-06
3436	494363.09, 3848877.25	0.00304	0.00338	0.00284	0.00269	0.00227	5.71E-06	3E-07	5.3E-09	2.5E-09	6.02E-06	7.00E-06	3.63E-07	5.27E-09	1.42E-09	7.37E-06	6.17E-06	2.8E-07	5.1E-09	1.5E-09	6E-06
3437	494863.09, 3848877.25	0.00331	0.00362	0.0031	0.00296	0.00246	6.22E-06	3.2E-07	5.9E-09	2.7E-09	6.55E-06	7.62E-06	3.89E-07	5.80E-09	1.54E-09	8.02E-06	6.72E-06	3E-07	5.6E-09	1.6E-09	7E-06
3438	495363.09, 3848877.25	0.00355	0.00387	0.00332	0.00321	0.00261	6.67E-06	3.4E-07	6.4E-09	2.9E-09	7.02E-06	8.17E-06	4.16E-07	6.29E-09	1.63E-09	8.60E-06	7.21E-06	3.2E-07	6.1E-09	1.7E-09	8E-06
3439	495863.09, 3848877.25	0.00347	0.00378	0.00329	0.00317	0.00262	6.52E-06	3.3E-07	6.3E-09	2.9E-09	6.86E-06	7.99E-06	4.06E-07	6.21E-09	1.64E-09	8.40E-06	7.05E-06	3.1E-07	6E-09	1.7E-09	7E-06
3440	496363.09, 3848877.25	0.00369	0.00398	0.00352	0.00341	0.0028	6.93E-06	3.5E-07	6.8E-09	3.1E-09	7.29E-06	8.50E-06	4.28E-07	6.68E-09	1.75E-09	8.93E-06	7.49E-06	3.3E-07	6.5E-09	1.8E-09	8E-06
3441	496863.09, 3848877.25	0.00425	0.00453	0.00406	0.00396	0.00319	7.99E-06	4E-07	7.9E-09	3.6E-09	8.40E-06	9.79E-06	4.87E-07	7.76E-09	2.00E-09	1.03E-05	8.63E-06	3.7E-07	7.5E-09	2.1E-09	9E-06
3442	497363.09, 3848877.25	0.00549	0.00578	0.00522	0.00517	0.00395	1.03E-05	5.1E-07	1E-08	4.4E-09	1.08E-05	1.26E-05	6.21E-07	1.01E-08	2.47E-09	1.33E-05	1.11E-05	4.8E-07	9.8E-09	2.6E-09	1E-05
3443	497863.09, 3848877.25	0.00625	0.00651	0.00597	0.00597	0.00442	1.17E-05	5.7E-07	1.2E-08	4.9E-09	1.23E-05	1.44E-05	7.00E-07	1.17E-08	2.76E-09	1.51E-05	1.27E-05	5.4E-07	1.1E-08	2.9E-09	1E-05
3444	498363.09, 3848877.25	0.00691	0.00717	0.00665	0.0067	0.00487	1.30E-05	6.3E-07	1.3E-08	5.4E-09	1.36E-05	1.59E-05	7.71E-07	1.31E-08	3.05E-09	1.67E-05	1.40E-05	5.9E-07	1.3E-08	3.1E-09	1E-05
3445	471363.09, 3849377.25	0.00659	0.00624	0.00618	0.00646	0.00509	1.24E-05	5.5E-07	1.3E-08	5.7E-09	1.29E-05	1.52E-05	6.71E-07	1.27E-08	3.18E-09	1.59E-05	1.34E-05	5.2E-07	1.2E-08	3.3E-09	1E-05
3446	471863.09, 3849377.25	0.00722	0.00691	0.00671	0.00702	0.00577	1.36E-05	6.1E-07	1.4E-08	6.4E-09	1.42E-05	1.66E-05	7.43E-07	1.38E-08	3.61E-09	1.74E-05	1.47E-05	5.7E-07	1.3E-08	3.7E-09	2E-05
3447	472363.09, 3849377.25	0.00777	0.00748	0.00727	0.00763	0.00637	1.46E-05	6.6E-07	1.5E-08	7.1E-09	1.53E-05	1.79E-05	8.04E-07	1.49E-08	3.98E-09	1.87E-05	1.58E-05	6.2E-07	1.5E-08	4.1E-09	2E-05
3448	472863.09, 3849377.25	0.00835	0.00798	0.00786	0.00835	0.00698	1.57E-05	7E-07	1.7E-08	7.8E-09	1.64E-05	1.92E-05	8.58E-07	1.64E-08	4.37E-09	2.01E-05	1.70E-05	6.6E-07	1.6E-08	4.5E-09	2E-05
3449	473363.09, 3849377.25	0.0089	0.00847	0.00842	0.00899	0.00742	1.67E-05	7.4E-07	1.8E-08	8.3E-09	1.75E-05	2.05E-05	9.11E-07	1.76E-08	4.64E-09	2.14E-05	1.81E-05	7E-07	1.7E-08	4.8E-09	2E-05
3450	473863.09, 3849377.25	0.00941	0.00901	0.00885	0.00938	0.00763	1.77E-05	7.9E-07	1.9E-08	8.5E-09	1.85E-05	2.17E-05	9.69E-07	1.84E-08	4.77E-09	2.27E-05	1.91E-05	7.5E-07	1.8E-08	4.9E-09	2E-05
3451	474363.09, 3849377.25	0.00981	0.0094	0.00909	0.00964	0.0077	1.84E-05	8.2E-07	1.9E-08	8.6E-09	1.93E-05	2.26E-05	1.01E-06	1.89E-08	4.82E-09	2.36E-05	1.99E-05	7.8E-07	1.8E-08	5E-09	2E-05
3452	474863.09, 3849377.25	0.01017	0.00955	0.0092	0.00995	0.00785	1.91E-05	8.4E-07	2E-08	8.8E-09	2.00E-05	2.34E-05	1.03E-06	1.95E-08	4.91E-09	2.45E-05	2.06E-05	7.9E-07	1.9E-08	5.1E-09	2E-05

3453	475363.09, 3849377.25	0.0103	0.00961	0.00922	0.01006	0.00775	1.94E-05	8.4E-07	2E-08	8.7E-09	2.02E-05	2.37E-05	1.03E-06	1.97E-08	4.85E-09	2.48E-05	2.09E-05	7.9E-07	1.9E-08	5E-09	2E-05
3454	475863.09, 3849377.25	0.01054	0.00962	0.00922	0.01031	0.00777	1.98E-05	8.4E-07	2E-08	8.7E-09	2.07E-05	2.43E-05	1.03E-06	2.02E-08	4.86E-09	2.53E-05	2.14E-05	8E-07	2E-08	5E-09	2E-05
3455	476363.09, 3849377.25	0.01062	0.00956	0.00915	0.01044	0.00776	2.00E-05	8.4E-07	2.1E-08	8.7E-09	2.08E-05	2.45E-05	1.03E-06	2.05E-08	4.85E-09	2.55E-05	2.16E-05	7.9E-07	2E-08	5E-09	2E-05
3456	476863.09, 3849377.25	0.01021	0.0093	0.00891	0.01011	0.00735	1.92E-05	8.2E-07	2E-08	8.2E-09	2.00E-05	2.35E-05	1.00E-06	1.98E-08	4.60E-09	2.45E-05	2.07E-05	7.7E-07	1.9E-08	4.7E-09	2E-05
3457	477363.09, 3849377.25	0.00959	0.00876	0.00841	0.00945	0.00657	1.80E-05	7.7E-07	1.9E-08	7.3E-09	1.88E-05	2.21E-05	9.42E-07	1.85E-08	4.11E-09	2.30E-05	1.95E-05	7.2E-07	1.8E-08	4.2E-09	2E-05
3458	477863.09, 3849377.25	0.00988	0.00902	0.00856	0.0093	0.00629	1.86E-05	7.9E-07	1.8E-08	7E-09	1.94E-05	2.28E-05	9.70E-07	1.82E-08	3.93E-09	2.37E-05	2.01E-05	7.5E-07	1.8E-08	4.1E-09	2E-05
3459	478363.09, 3849377.25	0.01206	0.01161	0.01075	0.01118	0.00722	2.27E-05	1E-06	2.2E-08	8.1E-09	2.37E-05	2.78E-05	1.25E-06	2.19E-08	4.52E-09	2.90E-05	2.45E-05	9.6E-07	2.1E-08	4.7E-09	3E-05
3460	478863.09, 3849377.25	0.01394	0.01403	0.01341	0.01399	0.00858	2.62E-05	1.2E-06	2.8E-08	9.6E-09	2.75E-05	3.21E-05	1.51E-06	2.74E-08	5.37E-09	3.36E-05	2.83E-05	1.2E-06	2.7E-08	5.5E-09	3E-05
3461	479363.09, 3849377.25	0.0139	0.01397	0.01376	0.01444	0.00876	2.61E-05	1.2E-06	2.9E-08	9.8E-09	2.74E-05	3.20E-05	1.50E-06	2.83E-08	5.48E-09	3.35E-05	2.82E-05	1.2E-06	2.7E-08	5.7E-09	3E-05
3462	479863.09, 3849377.25	0.01087	0.01012	0.01066	0.01154	0.00656	2.04E-05	8.9E-07	2.3E-08	7.3E-09	2.13E-05	2.50E-05	1.09E-06	2.26E-08	4.10E-09	2.61E-05	2.21E-05	8.4E-07	2.2E-08	4.2E-09	2E-05
3463	480363.09, 3849377.25	0.01068	0.01087	0.01005	0.0107	0.00619	2.01E-05	9.5E-07	2.1E-08	6.9E-09	2.11E-05	2.46E-05	1.17E-06	2.10E-08	3.87E-09	2.58E-05	2.17E-05	9E-07	2E-08	4E-09	2E-05
3464	480863.09, 3849377.25	0.00939	0.00865	0.00869	0.00964	0.00515	1.76E-05	7.6E-07	1.9E-08	5.8E-09	1.84E-05	2.16E-05	9.30E-07	1.89E-08	3.22E-09	2.26E-05	1.91E-05	7.2E-07	1.8E-08	3.3E-09	2E-05
3465	481363.09, 3849377.25	0.00773	0.00787	0.00732	0.00791	0.00426	1.45E-05	6.9E-07	1.6E-08	4.8E-09	1.52E-05	1.78E-05	8.46E-07	1.55E-08	2.66E-09	1.87E-05	1.57E-05	6.5E-07	1.5E-08	2.8E-09	2E-05
3466	481863.09, 3849377.25	0.00521	0.00464	0.00497	0.00546	0.00319	9.79E-06	4.1E-07	1.1E-08	3.6E-09	1.02E-05	1.20E-05	4.99E-07	1.07E-08	2.00E-09	1.25E-05	1.06E-05	3.8E-07	1E-08	2.1E-09	1E-05
3467	482363.09, 3849377.25	0.00447	0.00416	0.00421	0.00452	0.00286	8.40E-06	3.6E-07	9E-09	3.2E-09	8.78E-06	1.03E-05	4.47E-07	8.85E-09	1.79E-09	1.08E-05	9.08E-06	3.4E-07	8.6E-09	1.8E-09	9E-06
3468	482863.09, 3849377.25	0.00362	0.00355	0.00342	0.00367	0.00254	6.80E-06	3.1E-07	7.3E-09	2.8E-09	7.12E-06	8.34E-06	3.82E-07	7.19E-09	1.59E-09	8.73E-06	7.35E-06	2.9E-07	7E-09	1.6E-09	8E-06
3469	483363.09, 3849377.25	0.00328	0.00329	0.00313	0.00328	0.00243	6.16E-06	2.9E-07	6.5E-09	2.7E-09	6.46E-06	7.55E-06	3.54E-07	6.43E-09	1.52E-09	7.91E-06	6.66E-06	2.7E-07	6.2E-09	1.6E-09	7E-06
3470	483863.09, 3849377.25	0.00282	0.00264	0.00272	0.00291	0.00222	5.30E-06	2.3E-07	5.8E-09	2.5E-09	5.54E-06	6.49E-06	2.84E-07	5.70E-09	1.39E-09	6.78E-06	5.73E-06	2.2E-07	5.5E-09	1.4E-09	6E-06
3471	484363.09, 3849377.25	0.00407	0.00372	0.00379	0.00426	0.00279	7.65E-06	3.3E-07	8.5E-09	3.1E-09	7.99E-06	9.37E-06	4.00E-07	8.35E-09	1.74E-09	9.78E-06	8.26E-06	3.1E-07	8.1E-09	1.8E-09	9E-06
3472	484863.09, 3849377.25	0.005	0.00461	0.00471	0.00525	0.0031	9.40E-06	4E-07	1E-08	3.5E-09	9.81E-06	1.15E-05	4.96E-07	1.03E-08	1.94E-09	1.20E-05	1.02E-05	3.8E-07	1E-08	2E-09	1E-05
3473	485363.09, 3849377.25	0.00477	0.00388	0.00437	0.00501	0.003	8.96E-06	3.4E-07	9.9E-09	3.4E-09	9.32E-06	1.10E-05	4.17E-07	9.81E-09	1.88E-09	1.14E-05	9.68E-06	3.2E-07	9.5E-09	1.9E-09	1E-05
3474	485863.09, 3849377.25	0.00354	0.00358	0.00326	0.00356	0.00248	6.65E-06	3.1E-07	7.1E-09	2.8E-09	6.98E-06	8.15E-06	3.85E-07	6.97E-09	1.55E-09	8.55E-06	7.19E-06	3E-07	6.8E-09	1.6E-09	7E-06
3475	486363.09, 3849377.25	0.00291	0.0029	0.00272	0.00289	0.00218	5.47E-06	2.5E-07	5.7E-09	2.4E-09	5.73E-06	6.70E-06	3.12E-07	5.66E-09	1.36E-09	7.02E-06	5.91E-06	2.4E-07	5.5E-09	1.4E-09	6E-06
3476	486863.09, 3849377.25	0.00342	0.00295	0.00305	0.00339	0.00236	6.43E-06	2.6E-07	6.7E-09	2.6E-09	6.70E-06	7.88E-06	3.17E-07	6.64E-09	1.48E-09	8.20E-06	6.94E-06	2.4E-07	6.4E-09	1.5E-09	7E-06
3477	487363.09, 3849377.25	0.0035	0.00342	0.00312	0.00338	0.00232	6.58E-06	3E-07	6.7E-09	2.6E-09	6.89E-06	8.06E-06	3.68E-07	6.62E-09	1.45E-09	8.44E-06	7.11E-06	2.8E-07	6.4E-09	1.5E-09	7E-06
3478	487863.09, 3849377.25	0.00339	0.00307	0.00301	0.00322	0.00225	6.37E-06	2.7E-07	6.4E-09	2.5E-09	6.65E-06	7.81E-06	3.30E-07	6.31E-09	1.41E-09	8.14E-06	6.88E-06	2.5E-07	6.1E-09	1.5E-09	7E-06
3479	488363.09, 3849377.25	0.0034	0.0033	0.00299	0.00315	0.00218	6.39E-06	2.9E-07	6.3E-09	2.4E-09	6.69E-06	7.83E-06	3.55E-07	6.17E-09	1.36E-09	8.19E-06	6.90E-06	2.7E-07	6E-09	1.4E-09	7E-06
3480	488863.09, 3849377.25	0.00353	0.0036	0.00311	0.00325	0.00217	6.63E-06	3.2E-07	6.5E-09	2.4E-09	6.96E-06	8.13E-06	3.87E-07	6.37E-09	1.36E-09	8.52E-06	7.17E-06	3E-07	6.2E-09	1.4E-09	7E-06
3481	489363.09, 3849377.25	0.00365	0.00394	0.00326	0.00336	0.0022	6.86E-06	3.5E-07	6.7E-09	2.5E-09	7.21E-06	8.41E-06	4.24E-07	6.58E-09	1.38E-09	8.84E-06	7.41E-06	3.3E-07	6.4E-09	1.4E-09	8E-06
3482	489863.09, 3849377.25	0.00369	0.00381	0.00333	0.00335	0.00231	6.93E-06	3.3E-07	6.6E-09	2.6E-09	7.28E-06	8.50E-06	4.10E-07	6.56E-09	1.44E-09	8.91E-06	7.49E-06	3.2E-07	6.4E-09	1.5E-09	8E-06
3483	490363.09, 3849377.25	0.00358	0.00358	0.00319	0.00321	0.00231	6.73E-06	3.1E-07	6.4E-09	2.6E-09	7.05E-06	8.24E-06	3.85E-07	6.29E-09	1.44E-09	8.64E-06	7.27E-06	3E-07	6.1E-09	1.5E-09	8E-06
3484	490863.09, 3849377.25	0.00358	0.00345	0.00316	0.0032	0.00233	6.73E-06	3E-07	6.4E-09	2.6E-09	7.04E-06	8.24E-06	3.71E-07	6.27E-09	1.46E-09	8.62E-06	7.27E-06	2.9E-07	6.1E-09	1.5E-09	8E-06
3485	491363.09, 3849377.25	0.00361	0.00352	0.00319	0.00319	0.00237	6.78E-06	3.1E-07	6.3E-09	2.6E-09	7.10E-06	8.31E-06	3.78E-07	6.25E-09	1.48E-09	8.70E-06	7.33E-06	2.9E-07	6.1E-09	1.5E-09	8E-06
3486	491863.09, 3849377.25	0.00353	0.00345	0.00312	0.00307	0.00237	6.63E-06	3E-07	6.1E-09	2.6E-09	6.94E-06	8.13E-06	3.71E-07	6.01E-09	1.48E-09	8.51E-06	7.17E-06	2.9E-07	5.8E-09	1.5E-09	7E-06
3487	492363.09, 3849377.25	0.00348	0.00358	0.0031	0.00302	0.00237	6.54E-06	3.1E-07	6E-09	2.6E-09	6.86E-06	8.01E-06	3.85E-07	5.92E-09	1.48E-09	8.41E-06	7.07E-06	3E-07	5.7E-09	1.5E-09	7E-06
3488	492863.09, 3849377.25	0.00327	0.00351	0.00296	0.00285	0.0023	6.14E-06	3.1E-07	5.7E-09	2.6E-09	6.46E-06	7.53E-06	3.77E-07	5.58E-09	1.44E-09	7.91E-06	6.64E-06	2.9E-07	5.4E-09	1.5E-09	7E-06
3489	493363.09, 3849377.25	0.00333	0.00371	0.00305	0.00291	0.00237	6.26E-06	3.3E-07	5.8E-09	2.6E-09	6.59E-06	7.67E-06	3.99E-07	5.70E-09	1.48E-09	8.07E-06	6.76E-06	3.1E-07	5.5E-09	1.5E-09	7E-06
3490	493863.09, 3849377.25	0.00347	0.00389	0.00321	0.00304	0.0025	6.52E-06	3.4E-07	6E-09	2.8E-09	6.87E-06	7.99E-06	4.18E-07	5.96E-09	1.56E-09	8.42E-06	7.05E-06	3.2E-07	5.8E-09	1.6E-09	7E-06
3491	494363.09, 3849377.25	0.00377	0.00416	0.0035	0.00335	0.00271	7.08E-06	3.6E-07	6.6E-09	3E-09	7.46E-06	8.68E-06	4.47E-07	6.56E-09	1.69E-09	9.14E-06	7.65E-06	3.4E-07	6.4E-09	1.8E-09	8E-06
3492	494863.09, 3849377.25	0.00447	0.00485	0.00414	0.00403	0.00312	8.40E-06	4.3E-07	8E-09	3.5E-09	8.84E-06	1.03E-05	5.21E-07	7.89E-09	1.95E-09	1.08E-05	9.08E-06	4E-07	7.7E-09	2E-09	9E-06
3493	495363.09, 3849377.25	0.00487	0.00525	0.00453	0.00444	0.00339	9.15E-06	4.6E-07	8.8E-09	3.8E-09	9.62E-06	1.12E-05	5.64E-07	8.70E-09	2.12E-09	1.18E-05	9.89E-06	4.3E-07	8.4E-09	2.2E-09	1E-05
3494	495863.09, 3849377.25	0.00415	0.00449	0.00394	0.00382	0.00311	7.80E-06	3.9E-07	7.6E-09	3.5E-09	8.20E-06	9.56E-06	4.83E-07	7.48E-09	1.95E-09	1.00E-05	8.43E-06	3.7E-07	7.3E-09	2E-09	9E-06
3495	496363.09, 3849377.25	0.00422	0.00457	0.00406	0.00394	0.00322	7.93E-06	4E-07	7.8E-09	3.6E-09	8.34E-06	9.72E-06	4.91E-07	7.72E-09	2.01E-09	1.02E-05	8.57E-06	3.8E-07	7.5E-09	2.1E-09	9E-06
3496	496863.09, 3849377.25	0.00569	0.00603	0.00543	0.00538	0.00412	1.07E-05	5.3E-07	1.1E-08	4.6E-09	1.12E-05	1.31E-05	6.48E-07	1.05E-08	2.58E-09	1.38E-05	1.16E-05	5E-07	1E-08	2.7E-09	1E-05
3497	497363.09, 3849377.25	0.00638	0.00665	0.00611	0.00611	0.00461	1.20E-05	5.8E-07	1.2E-08	5.2E-09	1.26E-05	1.47E-05	7.15E-07	1.20E-08	2.88E-09	1.54E-05	1.30E-05	5.5E-07	1.2E-08	3E-09	1E-05
3498	497863.09, 3849377.25	0.00845	0.00872	0.00811	0.00822	0.0058	1.59E-05	7.6E-07	1.6E-08	6.5E-09	1.67E-05	1.95E-05	9.37E-07	1.61E-08	3.63E-09	2.04E-05	1.72E-05	7.2E-07	1.6E-08	3.7E-09	2E-05
3499	498363.09, 3849377.25	0.00837	0.00867	0.00811	0.0082	0.00592	1.57E-05	7.6E-07	1.6E-08	6.6E-09	1.65E-05	1.93E-05	9.32E-07	1.61E-08	3.70E-09	2.02E-05	1.70E-05	7.2E-07	1.6E-08	3.8E-09	2E-05
3500	471363.09, 3849877.25	0.00608	0.00604	0.0058	0.00596	0.00434	1.14E-05	5.3E-07	1.2E-08	4.8E-09	1.20E-05	1.40E-05	6.49E-07	1.17E-08	2.71E-09	1.47E-05	1.23E-05	5E-07	1.1E-08	2.8E-09	1E-05
3501	471863.09, 3849877.25	0.00687	0.00652	0.00643	0.00672	0.00512	1.29E-05	5.7E-07	1.3E-08	5.7E-09	1.35E-05	1.58E-05	7.01E-07	1.32E-08	3.20E-09	1.65E-05	1.39E-05	5.4E-07	1.3E-08	3.3E-09	1E-05
3502	472363.09, 3849877.25	0.00763	0.00715	0.00703	0.0074	0.0059	1.43E-05	6.3E-07	1.5E-08	6.6E-09	1.50E-05	1.76E-05	7.69E-07	1.45E-08	3.69E-09	1.84E-05	1.55E-05	5.9E-07	1.4E-08	3.8E-09	2E-05
3503	472863.09, 3849877.25	0.00831	0.00784	0.00761	0.00805	0.00661	1.56E-05	6.9E-07	1.6E-08	7.4E-09	1.63E-05	1.91E-05	8.43E-07	1.58E-08	4.13E-09	2.00E-05	1.69E-05	6.5E-07	1.5E-08	4.3E-09	2E-05
3504	473363.09, 3849877.25	0.00887	0.00847	0.00822	0.00871	0.00722	1.67E-05	7.4E-07	1.7E-08	8.1E-09	1.74E-05	2.04E-05	9.11E-07	1.71E-08	4.52E-09	2.14E-05	1.80E-05	7E-07	1.7E-08	4.7E-09	2E-05
3505	473863.09, 3849877.25	0.00956	0.00906	0.0089	0.00955	0.0079	1.80E-05	7.9E-07	1.9E-08	8.8E-09	1.88E-05	2.20E-05	9.74E-07	1.87E-08	4.94E-09	2.30E-05	1.94E-05	7.5E-07	1.8E-08	5.1E-09	2E-05
3506	474363.09, 3849877.25	0.01025	0.00968	0.00954	0.01027	0.00845	1.93E-05	8.5E-07	2E-08	9.4E-09	2.01E-05	2.36E-05	1.04E-06	2.01E-08	5.28E-09	2.47E-05	2.08E-05	8E-07	2E-08	5.5E-09	2E-05
3507	474863.09, 3849877.25	0.01085	0.01029	0.01002	0.01075	0.0087	2.04E-05	9E-07	2.1E-08	9.7E-09	2.13E-05	2.50E-05	1.11E-06	2.11E-08	5.44E-09	2.61E-05	2.20E-05	8.5E-07	2E-08	5.6E-09	2E-05
3508	475363.09, 3849877.25	0.01128	0.01072	0.0103	0.01104	0.0087	2.12E-05	9.4E-07	2.2E-08	9.7E-09	2.22E-05	2.60E-05	1.15E-06	2.16E-08	5.44E-09	2.72E-05	2.29E-05	8.9E-07	2.1E-08	5.6E-09	2E-05
3509	475863.09, 3849877.25	0.01168	0.0109	0.01042	0.01136	0.00879	2.19E-05	9.6E-07	2.3E-08	9.8E-09	2.29E-05	2.69E-05	1.17E-06	2.23E-08	5.50E-09	2.81E-05	2.37E-05	9E-07	2.2E-08	5.7E-09	2E-05
3510	476363.09, 3849877.25	0.01198	0.01098	0.01049	0.01164	0.0088	2.25E-05	9.6E-07	2.3E-08	9.8E-09	2.35E-05	2.76E-05	1.18E-06	2.28E-08	5.50E-09	2.88E-05	2.43E-05	9.1E-07	2.2E-08	5.7E-09	3E-05
3511	476863.09, 3849877.25	0.01231	0.01099	0.01047	0.01201	0.00889	2.31E-05	9.6E-07	2.4E-08	9.9E-09	2.41E-05	2.83E-05	1.18E-06	2.35E-08	5.56E-09	2.96E-05	2.50E-05	9.1E-07	2.3E-08	5.7E-09	3E-05
3512	477363.09, 3849877.25	0.01242	0.01086	0.01036	0.01219	0.00882	2.33E-05	9.5E-07	2.4E-08	9.9E-09	2.43E-05	2.86E-05	1.17E-06	2.39E-08	5.52E-09	2.98E-05	2.52E-05	9E-07	2.3E-08	5.7E-09	3E-05
3513	477863.09, 3849877.25	0.01186	0.01042	0.00992	0.01162	0.00815	2.23E-05	9.1E-07	2.3E-08	9.1E-09	2.32E-05	2.73E-05	1.12E-06	2.28E-08	5.10E-09	2.85E-05	2.41E-05	8.6E-07	2.2E-08	5.3E-09	2E-05
3514	478363.09, 3849877.25	0.01182	0.01049	0.00989	0.01105	0.00744	2.22E-05	9.2E-07	2.2E-08	8.3E-09	2.32E-05	2.72E-05	1.13E-06	2.16E-08	4.65E-09	2.84E-05	2.40E-05	8.7E-07	2.1E-08	4.8E-09	2E-05
3515	478863.09, 3849877.25	0.01428	0.01332	0.01227	0.01306	0.00865	2.68E-05	1.2E-06	2.6E-08	9.7E-09	2.80E-05	3.29E-05	1.43E-06	2.56E-08	5.41E-09	3.43E-05	2.90E-05	1.1E-06	2.5E-08	5.6E-09	3E-05
3516	479363.09, 3849877.25	0.01643	0.01646	0.01554	0.01625	0.01047	3.09E-05	1.4E-06	3.2E-08	1.2E-08	3.24E-05	3.78E-05	1.77E-06	3.18E-08	6.55E-09	3.96E-05	3.34E-05	1.4E-06	3.1E-08	6.8E-09	3E-05

3517	479863.09, 3849877.25	0.01708	0.01673	0.01648	0.0175	0.0116	3.21E-05	1.5E-06	3.5E-08	1.3E-08	3.36E-05	3.93E-05	1.80E-06	3.43E-08	7.26E-09	4.12E-05	3.47E-05	1.4E-06	3.3E-08	7.5E-09	4E-05
3518	480363.09, 3849877.25	0.01407	0.01332	0.01345	0.01447	0.00867	2.64E-05	1.2E-06	2.9E-08	9.7E-09	2.76E-05	3.24E-05	1.43E-06	2.83E-08	5.42E-09	3.39E-05	2.86E-05	1.1E-06	2.8E-08	5.6E-09	3E-05
3519	480863.09, 3849877.25	0.01109	0.01092	0.0104	0.01122	0.00614	2.08E-05	9.6E-07	2.2E-08	6.9E-09	2.18E-05	2.55E-05	1.17E-06	2.20E-08	3.84E-09	2.67E-05	2.25E-05	9E-07	2.1E-08	4E-09	2E-05
3520	481363.09, 3849877.25	0.00942	0.00893	0.00878	0.00976	0.00501	1.77E-05	7.8E-07	1.9E-08	5.6E-09	1.85E-05	2.17E-05	9.60E-07	1.91E-08	3.13E-09	2.27E-05	1.91E-05	7.4E-07	1.9E-08	3.2E-09	2E-05
3521	481863.09, 3849877.25	0.00585	0.00585	0.0056	0.00604	0.00351	1.10E-05	5.1E-07	1.2E-08	3.9E-09	1.15E-05	1.35E-05	6.29E-07	1.18E-08	2.20E-09	1.41E-05	1.19E-05	4.8E-07	1.1E-08	2.3E-09	1E-05
3522	482363.09, 3849877.25	0.00456	0.00411	0.0043	0.00468	0.003	8.57E-06	3.6E-07	9.3E-09	3.4E-09	8.94E-06	1.05E-05	4.42E-07	9.17E-09	1.88E-09	1.10E-05	9.26E-06	3.4E-07	8.9E-09	1.9E-09	1E-05
3523	482863.09, 3849877.25	0.0039	0.00381	0.00368	0.00398	0.00274	7.33E-06	3.3E-07	7.9E-09	3.1E-09	7.67E-06	8.98E-06	4.10E-07	7.80E-09	1.71E-09	9.40E-06	7.92E-06	3.2E-07	7.6E-09	1.8E-09	8E-06
3524	483363.09, 3849877.25	0.0034	0.0034	0.00324	0.00341	0.00256	6.39E-06	3E-07	6.8E-09	2.9E-09	6.70E-06	7.83E-06	3.66E-07	6.68E-09	1.60E-09	8.20E-06	6.90E-06	2.8E-07	6.5E-09	1.7E-09	7E-06
3525	483863.09, 3849877.25	0.00336	0.00315	0.0032	0.00348	0.00253	6.31E-06	2.8E-07	6.9E-09	2.8E-09	6.60E-06	7.74E-06	3.39E-07	6.82E-09	1.58E-09	8.08E-06	6.82E-06	2.6E-07	6.6E-09	1.6E-09	7E-06
3526	484363.09, 3849877.25	0.00459	0.00415	0.00424	0.0048	0.00307	8.63E-06	3.6E-07	9.5E-09	3.4E-09	9.00E-06	1.06E-05	4.46E-07	9.40E-09	1.92E-09	1.10E-05	9.32E-06	3.4E-07	9.1E-09	2E-09	1E-05
3527	484863.09, 3849877.25	0.00627	0.00565	0.00584	0.0066	0.00364	1.18E-05	5E-07	1.3E-08	4.1E-09	1.23E-05	1.44E-05	6.07E-07	1.29E-08	2.28E-09	1.51E-05	1.27E-05	4.7E-07	1.3E-08	2.4E-09	1E-05
3528	485363.09, 3849877.25	0.00555	0.00463	0.00508	0.00576	0.00339	1.04E-05	4.1E-07	1.1E-08	3.8E-09	1.09E-05	1.28E-05	4.98E-07	1.13E-08	2.12E-09	1.33E-05	1.13E-05	3.8E-07	1.1E-08	2.2E-09	1E-05
3529	485863.09, 3849877.25	0.00454	0.00454	0.00414	0.00453	0.0029	8.53E-06	4E-07	9E-09	3.2E-09	8.94E-06	1.05E-05	4.88E-07	8.87E-09	1.81E-09	1.10E-05	9.22E-06	3.8E-07	8.6E-09	1.9E-09	1E-05
3530	486363.09, 3849877.25	0.00408	0.00389	0.00372	0.00404	0.0027	7.67E-06	3.4E-07	8E-09	3E-09	8.02E-06	9.40E-06	4.18E-07	7.91E-09	1.69E-09	9.82E-06	8.28E-06	3.2E-07	7.7E-09	1.7E-09	9E-06
3531	486863.09, 3849877.25	0.00446	0.0039	0.00391	0.00435	0.0028	8.38E-06	3.4E-07	8.6E-09	3.1E-09	8.74E-06	1.03E-05	4.19E-07	8.52E-09	1.75E-09	1.07E-05	9.06E-06	3.2E-07	8.3E-09	1.8E-09	9E-06
3532	487363.09, 3849877.25	0.00437	0.00413	0.00381	0.00417	0.00265	8.21E-06	3.6E-07	8.3E-09	3E-09	8.59E-06	1.01E-05	4.44E-07	8.17E-09	1.66E-09	1.05E-05	8.87E-06	3.4E-07	7.9E-09	1.7E-09	9E-06
3533	487863.09, 3849877.25	0.00426	0.00405	0.0037	0.00394	0.0026	8.01E-06	3.6E-07	7.8E-09	2.9E-09	8.37E-06	9.81E-06	4.35E-07	7.72E-09	1.63E-09	1.03E-05	8.65E-06	3.3E-07	7.5E-09	1.7E-09	9E-06
3534	488363.09, 3849877.25	0.00436	0.00436	0.00374	0.00395	0.00252	8.19E-06	3.8E-07	7.8E-09	2.8E-09	8.59E-06	1.00E-05	4.69E-07	7.74E-09	1.58E-09	1.05E-05	8.85E-06	3.6E-07	7.5E-09	1.6E-09	9E-06
3535	488863.09, 3849877.25	0.00453	0.00461	0.00389	0.00413	0.00253	8.51E-06	4E-07	8.2E-09	2.8E-09	8.93E-06	1.04E-05	4.96E-07	8.09E-09	1.58E-09	1.09E-05	9.20E-06	3.8E-07	7.9E-09	1.6E-09	1E-05
3536	489363.09, 3849877.25	0.00459	0.00471	0.00399	0.00413	0.00261	8.63E-06	4.1E-07	8.2E-09	2.9E-09	9.05E-06	1.06E-05	5.06E-07	8.09E-09	1.63E-09	1.11E-05	9.32E-06	3.9E-07	7.9E-09	1.7E-09	1E-05
3537	489863.09, 3849877.25	0.00456	0.00458	0.00398	0.00403	0.00268	8.57E-06	4E-07	8E-09	3E-09	8.98E-06	1.05E-05	4.92E-07	7.89E-09	1.68E-09	1.10E-05	9.26E-06	3.8E-07	7.7E-09	1.7E-09	1E-05
3538	490363.09, 3849877.25	0.00446	0.00424	0.00387	0.00391	0.00268	8.38E-06	3.7E-07	7.8E-09	3E-09	8.76E-06	1.03E-05	4.56E-07	7.66E-09	1.68E-09	1.07E-05	9.06E-06	3.5E-07	7.4E-09	1.7E-09	9E-06
3539	490863.09, 3849877.25	0.00453	0.00432	0.00388	0.00392	0.00273	8.51E-06	3.8E-07	7.8E-09	3.1E-09	8.90E-06	1.04E-05	4.64E-07	7.68E-09	1.71E-09	1.09E-05	9.20E-06	3.6E-07	7.5E-09	1.8E-09	1E-05
3540	491363.09, 3849877.25	0.00463	0.00454	0.00396	0.00394	0.00279	8.70E-06	4E-07	7.8E-09	3.1E-09	9.11E-06	1.07E-05	4.88E-07	7.72E-09	1.74E-09	1.12E-05	9.40E-06	3.8E-07	7.5E-09	1.8E-09	1E-05
3541	491863.09, 3849877.25	0.00455	0.00464	0.00391	0.00386	0.0028	8.55E-06	4.1E-07	7.7E-09	3.1E-09	8.97E-06	1.05E-05	4.99E-07	7.56E-09	1.75E-09	1.10E-05	9.24E-06	3.8E-07	7.3E-09	1.8E-09	1E-05
3542	492363.09, 3849877.25	0.00455	0.00482	0.00397	0.00388	0.00285	8.55E-06	4.2E-07	7.7E-09	3.2E-09	8.98E-06	1.05E-05	5.18E-07	7.60E-09	1.78E-09	1.10E-05	9.24E-06	4E-07	7.4E-09	1.8E-09	1E-05
3543	492863.09, 3849877.25	0.00439	0.00484	0.00391	0.00379	0.00286	8.25E-06	4.2E-07	7.5E-09	3.2E-09	8.69E-06	1.01E-05	5.20E-07	7.42E-09	1.79E-09	1.06E-05	8.91E-06	4E-07	7.2E-09	1.8E-09	9E-06
3544	493363.09, 3849877.25	0.00426	0.00481	0.00386	0.0037	0.0029	8.01E-06	4.2E-07	7.3E-09	3.2E-09	8.44E-06	9.81E-06	5.17E-07	7.25E-09	1.81E-09	1.03E-05	8.65E-06	4E-07	7E-09	1.9E-09	9E-06
3545	493863.09, 3849877.25	0.00429	0.00475	0.00395	0.00378	0.00301	8.06E-06	4.2E-07	7.5E-09	3.4E-09	8.49E-06	9.88E-06	5.11E-07	7.40E-09	1.88E-09	1.04E-05	8.71E-06	3.9E-07	7.2E-09	1.9E-09	9E-06
3546	494363.09, 3849877.25	0.00532	0.00577	0.00488	0.00476	0.0036	1.00E-05	5.1E-07	9.4E-09	4E-09	1.05E-05	1.23E-05	6.20E-07	9.32E-09	2.25E-09	1.29E-05	1.08E-05	4.8E-07	9.1E-09	2.3E-09	1E-05
3547	494863.09, 3849877.25	0.00621	0.00668	0.00571	0.00562	0.00415	1.17E-05	5.9E-07	1.1E-08	4.6E-09	1.23E-05	1.43E-05	7.18E-07	1.10E-08	2.60E-09	1.50E-05	1.26E-05	5.5E-07	1.1E-08	2.7E-09	1E-05
3548	495363.09, 3849877.25	0.00572	0.00616	0.00535	0.00525	0.004	1.07E-05	5.4E-07	1E-08	4.5E-09	1.13E-05	1.32E-05	6.62E-07	1.03E-08	2.50E-09	1.38E-05	1.16E-05	5.1E-07	1E-08	2.6E-09	1E-05
3549	495863.09, 3849877.25	0.00675	0.0072	0.00633	0.00629	0.00466	1.27E-05	6.3E-07	1.2E-08	5.2E-09	1.33E-05	1.55E-05	7.74E-07	1.23E-08	2.91E-09	1.63E-05	1.37E-05	6E-07	1.2E-08	3E-09	1E-05
3550	496363.09, 3849877.25	0.0073	0.00764	0.00691	0.00691	0.00508	1.37E-05	6.7E-07	1.4E-08	5.7E-09	1.44E-05	1.68E-05	8.21E-07	1.35E-08	3.18E-09	1.76E-05	1.48E-05	6.3E-07	1.3E-08	3.3E-09	2E-05
3551	496863.09, 3849877.25	0.00776	0.00804	0.00741	0.00745	0.00548	1.46E-05	7.1E-07	1.5E-08	6.1E-09	1.53E-05	1.79E-05	8.64E-07	1.46E-08	3.43E-09	1.88E-05	1.58E-05	6.6E-07	1.4E-08	3.5E-09	2E-05
3552	497363.09, 3849877.25	0.00945	0.00975	0.00907	0.00921	0.00649	1.78E-05	8.6E-07	1.8E-08	7.3E-09	1.86E-05	2.18E-05	1.05E-06	1.80E-08	4.06E-09	2.28E-05	1.92E-05	8.1E-07	1.8E-08	4.2E-09	2E-05
3553	497863.09, 3849877.25	0.01025	0.0105	0.00991	0.01012	0.00708	1.93E-05	9.2E-07	2E-08	7.9E-09	2.02E-05	2.36E-05	1.13E-06	1.98E-08	4.43E-09	2.48E-05	2.08E-05	8.7E-07	1.9E-08	4.6E-09	2E-05
3554	498363.09, 3849877.25	0.01006	0.01027	0.00984	0.00999	0.00719	1.89E-05	9E-07	2E-08	8E-09	1.98E-05	2.32E-05	1.10E-06	1.96E-08	4.50E-09	2.43E-05	2.04E-05	8.5E-07	1.9E-08	4.6E-09	2E-05
3555	471363.09, 3850377.25	0.00535	0.00559	0.00519	0.00528	0.0036	1.01E-05	4.9E-07	1E-08	4E-09	1.06E-05	1.23E-05	6.01E-07	1.03E-08	2.25E-09	1.29E-05	1.09E-05	4.6E-07	1E-08	2.3E-09	1E-05
3556	471863.09, 3850377.25	0.00666	0.0069	0.0063	0.0064	0.00453	1.25E-05	6.1E-07	1.3E-08	5.1E-09	1.31E-05	1.53E-05	7.42E-07	1.25E-08	2.83E-09	1.61E-05	1.35E-05	5.7E-07	1.2E-08	2.9E-09	1E-05
3557	472363.09, 3850377.25	0.00721	0.0072	0.00676	0.00695	0.00505	1.35E-05	6.3E-07	1.4E-08	5.6E-09	1.42E-05	1.66E-05	7.74E-07	1.36E-08	3.16E-09	1.74E-05	1.46E-05	6E-07	1.3E-08	3.3E-09	2E-05
3558	472863.09, 3850377.25	0.00817	0.00773	0.00747	0.00785	0.00607	1.54E-05	6.8E-07	1.6E-08	6.8E-09	1.61E-05	1.88E-05	8.31E-07	1.54E-08	3.80E-09	1.97E-05	1.66E-05	6.4E-07	1.5E-08	3.9E-09	2E-05
3559	473363.09, 3850377.25	0.00868	0.00813	0.00794	0.00835	0.00657	1.63E-05	7.1E-07	1.7E-08	7.3E-09	1.70E-05	2.00E-05	8.74E-07	1.64E-08	4.11E-09	2.09E-05	1.76E-05	6.7E-07	1.6E-08	4.2E-09	2E-05
3560	473863.09, 3850377.25	0.00945	0.00893	0.00863	0.00912	0.00741	1.78E-05	7.8E-07	1.8E-08	8.3E-09	1.86E-05	2.18E-05	9.60E-07	1.79E-08	4.63E-09	2.27E-05	1.92E-05	7.4E-07	1.7E-08	4.8E-09	2E-05
3561	474363.09, 3850377.25	0.01028	0.0097	0.0094	0.01007	0.00827	1.93E-05	8.5E-07	2E-08	9.2E-09	2.02E-05	2.37E-05	1.04E-06	1.97E-08	5.17E-09	2.47E-05	2.09E-05	8E-07	1.9E-08	5.3E-09	2E-05
3562	474863.09, 3850377.25	0.01111	0.01042	0.01019	0.01104	0.00905	2.09E-05	9.1E-07	2.2E-08	1E-08	2.18E-05	2.56E-05	1.12E-06	2.16E-08	5.66E-09	2.67E-05	2.26E-05	8.6E-07	2.1E-08	5.8E-09	2E-05
3563	475363.09, 3850377.25	0.01195	0.01118	0.01086	0.01188	0.00971	2.25E-05	9.8E-07	2.4E-08	1.1E-08	2.35E-05	2.75E-05	1.20E-06	2.33E-08	6.07E-09	2.87E-05	2.43E-05	9.2E-07	2.3E-08	6.3E-09	3E-05
3564	475863.09, 3850377.25	0.01266	0.01186	0.01144	0.01245	0.00996	2.38E-05	1E-06	2.5E-08	1.1E-08	2.49E-05	2.92E-05	1.27E-06	2.44E-08	6.23E-09	3.05E-05	2.57E-05	9.8E-07	2.4E-08	6.4E-09	3E-05
3565	476363.09, 3850377.25	0.01322	0.01237	0.0118	0.01286	0.00998	2.48E-05	1.1E-06	2.6E-08	1.1E-08	2.60E-05	3.04E-05	1.33E-06	2.52E-08	6.24E-09	3.18E-05	2.68E-05	1E-06	2.4E-08	6.4E-09	3E-05
3566	476863.09, 3850377.25	0.01371	0.01262	0.01197	0.01325	0.01006	2.58E-05	1.1E-06	2.6E-08	1.1E-08	2.69E-05	3.16E-05	1.36E-06	2.60E-08	6.29E-09	3.30E-05	2.78E-05	1E-06	2.5E-08	6.5E-09	3E-05
3567	477363.09, 3850377.25	0.01415	0.01271	0.012	0.01367	0.01017	2.66E-05	1.1E-06	2.7E-08	1.1E-08	2.77E-05	3.26E-05	1.37E-06	2.68E-08	6.36E-09	3.40E-05	2.87E-05	1.1E-06	2.6E-08	6.6E-09	3E-05
3568	477863.09, 3850377.25	0.01433	0.01263	0.01191	0.01393	0.01008	2.69E-05	1.1E-06	2.8E-08	1.1E-08	2.81E-05	3.30E-05	1.36E-06	2.73E-08	6.30E-09	3.44E-05	2.91E-05	1E-06	2.6E-08	6.5E-09	3E-05
3569	478363.09, 3850377.25	0.01386	0.0123	0.0115	0.0135	0.00944	2.60E-05	1.1E-06	2.7E-08	1.1E-08	2.72E-05	3.19E-05	1.32E-06	2.64E-08	5.90E-09	3.33E-05	2.81E-05	1E-06	2.6E-08	6.1E-09	3E-05
3570	478863.09, 3850377.25	0.01462	0.01266	0.01199	0.01366	0.00899	2.75E-05	1.1E-06	2.7E-08	1E-08	2.86E-05	3.37E-05	1.36E-06	2.68E-08	5.62E-09	3.51E-05	2.97E-05	1E-06	2.6E-08	5.8E-09	3E-05
3571	479363.09, 3850377.25	0.01711	0.01533	0.01419	0.01555	0.01027	3.22E-05	1.3E-06	3.1E-08	1.1E-08	3.35E-05	3.94E-05	1.65E-06	3.05E-08	6.42E-09	4.11E-05	3.47E-05	1.3E-06	3E-08	6.6E-09	4E-05
3572	479863.09, 3850377.25	0.01946	0.01923	0.01792	0.01893	0.013	3.66E-05	1.7E-06	3.8E-08	1.5E-08	3.83E-05	4.48E-05	2.07E-06	3.71E-08	8.13E-09	4.69E-05	3.95E-05	1.6E-06	3.6E-08	8.4E-09	4E-05
3573	480363.09, 3850377.25	0.01971	0.01899	0.01877	0.0201	0.01328	3.70E-05	1.7E-06	4E-08	1.5E-08	3.88E-05	4.54E-05	2.04E-06	3.94E-08	8.31E-09	4.75E-05	4.00E-05	1.6E-06	3.8E-08	8.6E-09	4E-05
3574	480863.09, 3850377.25	0.01799	0.01705	0.01646	0.01781	0.01162	3.38E-05	1.5E-06	3.5E-08	1.3E-08	3.54E-05	4.14E-05	1.83E-06	3.49E-08	7.27E-09	4.33E-05	3.65E-05	1.4E-06	3.4E-08	7.5E-09	4E-05
3575	481363.09, 3850377.25	0.01192	0.0116	0.01118	0.01214	0.00641	2.24E-05	1E-06	2.4E-08	7.2E-09	2.34E-05	2.74E-05	1.25E-06	2.38E-08	4.01E-09	2.87E-05	2.42E-05	9.6E-07	2.3E-08	4.1E-09	3E-05
3576	481863.09, 3850377.25	0.0109	0.01061	0.0101	0.01123	0.00552	2.05E-05	9.3E-07	2.2E-08	6.2E-09	2.14E-05	2.51E-05	1.14E-06	2.20E-08	3.45E-09	2.63E-05	2.21E-05	8.8E-07	2.1E-08	3.6E-09	2E-05
3577	482363.09, 3850377.25	0.00949	0.00844	0.0089	0.00993	0.00509	1.78E-05	7.4E-07	2E-08	5.7E-09	1.86E-05	2.19E-05	9.07E-07	1.95E-08	3.18E-09	2.28E-05	1.93E-05	7E-07	1.9E-08	3.3E-09	2E-05
3578	482863.09, 3850377.25	0.00611	0.00582	0.00574	0.00628	0.00365	1.15E-05	5.1E-07	1.2E-08	4.1E-09	1.20E-05	1.41E-05	6.26E-07	1.23E-08	2.28E-09	1.47E-05	1.24E-05	4.8E-07	1.2E-08	2.4E-09	1E-05
3579	483363.09, 3850377.25	0.00478	0.00465	0.00451	0.00487	0.00322	8.98E-06	4.1E-07	9.7E-09	3.6E-09	9.40E-06	1.10E-05	5.00E-07	9.54E-09	2.01E-09	1.15E-05	9.71E-06	3.8E-07	9.3E-09	2.1E-09	1E-05
3580	483863.09, 3850377.25	0.0052	0.00502	0.00489	0.0054	0.00341	9.77E-06	4.4E-07	1.1E-08	3.8E-09	1.02E-05	1.20E-05	5.40E-07	1.06E-08	2.13E-09	1.25E-05	1.06E-05	4.2E-07	1E-08	2.2E-09	1E-05

3581	484363.09, 3850377.25	0.00633	0.00559	0.0058	0.00665	0.00378	1.19E-05	4.9E-07	1.3E-08	4.2E-09	1.24E-05	1.46E-05	6.01E-07	1.30E-08	2.36E-09	1.52E-05	1.29E-05	4.6E-07	1.3E-08	2.4E-09	1E-05
3582	484863.09, 3850377.25	0.00763	0.00656	0.007	0.00805	0.00425	1.43E-05	5.8E-07	1.6E-08	4.7E-09	1.49E-05	1.76E-05	7.05E-07	1.58E-08	2.66E-09	1.83E-05	1.55E-05	5.4E-07	1.5E-08	2.7E-09	2E-05
3583	485363.09, 3850377.25	0.00733	0.00633	0.00663	0.0075	0.00412	1.38E-05	5.6E-07	1.5E-08	4.6E-09	1.43E-05	1.69E-05	6.80E-07	1.47E-08	2.58E-09	1.76E-05	1.49E-05	5.2E-07	1.4E-08	2.7E-09	2E-05
3584	485863.09, 3850377.25	0.00639	0.00606	0.00567	0.00641	0.00359	1.20E-05	5.3E-07	1.3E-08	4E-09	1.26E-05	1.47E-05	6.51E-07	1.26E-08	2.25E-09	1.54E-05	1.30E-05	5E-07	1.2E-08	2.3E-09	1E-05
3585	486363.09, 3850377.25	0.0061	0.00567	0.00543	0.00598	0.00349	1.15E-05	5E-07	1.2E-08	3.9E-09	1.20E-05	1.40E-05	6.10E-07	1.17E-08	2.18E-09	1.47E-05	1.24E-05	4.7E-07	1.1E-08	2.3E-09	1E-05
3586	486863.09, 3850377.25	0.00592	0.00528	0.00507	0.00572	0.00338	1.11E-05	4.6E-07	1.1E-08	3.8E-09	1.16E-05	1.36E-05	5.68E-07	1.12E-08	2.11E-09	1.42E-05	1.20E-05	4.4E-07	1.1E-08	2.2E-09	1E-05
3587	487363.09, 3850377.25	0.00552	0.00526	0.00472	0.00508	0.00309	1.04E-05	4.6E-07	1E-08	3.5E-09	1.08E-05	1.27E-05	5.65E-07	9.95E-09	1.93E-09	1.33E-05	1.12E-05	4.3E-07	9.7E-09	2E-09	1E-05
3588	487863.09, 3850377.25	0.00563	0.00562	0.00476	0.00505	0.00305	1.06E-05	4.9E-07	1E-08	3.4E-09	1.11E-05	1.30E-05	6.04E-07	9.89E-09	1.91E-09	1.36E-05	1.14E-05	4.6E-07	9.6E-09	2E-09	1E-05
3589	488363.09, 3850377.25	0.00573	0.00569	0.00478	0.00512	0.00297	1.08E-05	5E-07	1E-08	3.3E-09	1.13E-05	1.32E-05	6.12E-07	1.00E-08	1.86E-09	1.38E-05	1.16E-05	4.7E-07	9.7E-09	1.9E-09	1E-05
3590	488863.09, 3850377.25	0.00585	0.00571	0.00488	0.0052	0.00304	1.10E-05	5E-07	1E-08	3.4E-09	1.15E-05	1.35E-05	6.14E-07	1.02E-08	1.90E-09	1.41E-05	1.19E-05	4.7E-07	9.9E-09	2E-09	1E-05
3591	489363.09, 3850377.25	0.00591	0.00591	0.00498	0.00514	0.00314	1.11E-05	5.2E-07	1E-08	3.5E-09	1.16E-05	1.36E-05	6.35E-07	1.01E-08	1.96E-09	1.43E-05	1.20E-05	4.9E-07	9.8E-09	2E-09	1E-05
3592	489863.09, 3850377.25	0.00582	0.00557	0.00488	0.00499	0.00319	1.09E-05	4.9E-07	9.9E-09	3.6E-09	1.14E-05	1.34E-05	5.99E-07	9.78E-09	2.00E-09	1.40E-05	1.18E-05	4.6E-07	9.5E-09	2.1E-09	1E-05
3593	490363.09, 3850377.25	0.00585	0.00544	0.00486	0.00493	0.00323	1.10E-05	4.8E-07	9.8E-09	3.6E-09	1.15E-05	1.35E-05	5.85E-07	9.66E-09	2.02E-09	1.41E-05	1.19E-05	4.5E-07	9.4E-09	2.1E-09	1E-05
3594	490863.09, 3850377.25	0.00602	0.00603	0.005	0.00498	0.00329	1.13E-05	5.3E-07	9.9E-09	3.7E-09	1.19E-05	1.39E-05	6.48E-07	9.76E-09	2.06E-09	1.45E-05	1.22E-05	5E-07	9.5E-09	2.1E-09	1E-05
3595	491363.09, 3850377.25	0.00617	0.00632	0.00516	0.00511	0.00336	1.16E-05	5.5E-07	1E-08	3.8E-09	1.22E-05	1.42E-05	6.79E-07	1.00E-08	2.10E-09	1.49E-05	1.25E-05	5.2E-07	9.7E-09	2.2E-09	1E-05
3596	491863.09, 3850377.25	0.00605	0.00647	0.00513	0.00506	0.00343	1.14E-05	5.7E-07	1E-08	3.8E-09	1.20E-05	1.39E-05	6.96E-07	9.91E-09	2.15E-09	1.46E-05	1.23E-05	5.4E-07	9.6E-09	2.2E-09	1E-05
3597	492363.09, 3850377.25	0.00585	0.00643	0.00506	0.00495	0.0035	1.10E-05	5.6E-07	9.8E-09	3.9E-09	1.16E-05	1.35E-05	6.91E-07	9.70E-09	2.19E-09	1.42E-05	1.19E-05	5.3E-07	9.4E-09	2.3E-09	1E-05
3598	492863.09, 3850377.25	0.00584	0.00657	0.00516	0.00503	0.00365	1.10E-05	5.8E-07	1E-08	4.1E-09	1.16E-05	1.34E-05	7.06E-07	9.85E-09	2.28E-09	1.42E-05	1.19E-05	5.4E-07	9.6E-09	2.4E-09	1E-05
3599	493363.09, 3850377.25	0.0057	0.00629	0.00514	0.00499	0.00372	1.07E-05	5.5E-07	9.9E-09	4.2E-09	1.13E-05	1.31E-05	6.76E-07	9.78E-09	2.33E-09	1.38E-05	1.16E-05	5.2E-07	9.5E-09	2.4E-09	1E-05
3600	493863.09, 3850377.25	0.00641	0.00699	0.00581	0.00568	0.00419	1.20E-05	6.1E-07	1.1E-08	4.7E-09	1.27E-05	1.48E-05	7.51E-07	1.11E-08	2.62E-09	1.55E-05	1.30E-05	5.8E-07	1.1E-08	2.7E-09	1E-05
3601	494363.09, 3850377.25	0.00705	0.00767	0.00644	0.00635	0.00464	1.32E-05	6.7E-07	1.3E-08	5.2E-09	1.39E-05	1.62E-05	8.25E-07	1.24E-08	2.90E-09	1.71E-05	1.43E-05	6.3E-07	1.2E-08	3E-09	1E-05
3602	494863.09, 3850377.25	0.00808	0.0087	0.00744	0.00742	0.00526	1.52E-05	7.6E-07	1.5E-08	5.9E-09	1.60E-05	1.86E-05	9.35E-07	1.45E-08	3.29E-09	1.96E-05	1.64E-05	7.2E-07	1.4E-08	3.4E-09	2E-05
3603	495363.09, 3850377.25	0.00936	0.00991	0.00869	0.00874	0.00603	1.76E-05	8.7E-07	1.7E-08	6.7E-09	1.85E-05	2.16E-05	1.07E-06	1.71E-08	3.77E-09	2.26E-05	1.90E-05	8.2E-07	1.7E-08	3.9E-09	2E-05
3604	495863.09, 3850377.25	0.00913	0.0095	0.00859	0.00867	0.00615	1.72E-05	8.3E-07	1.7E-08	6.9E-09	1.80E-05	2.10E-05	1.02E-06	1.70E-08	3.85E-09	2.21E-05	1.85E-05	7.9E-07	1.6E-08	4E-09	2E-05
3605	496363.09, 3850377.25	0.01042	0.01069	0.0099	0.01008	0.00699	1.96E-05	9.4E-07	2E-08	7.8E-09	2.05E-05	2.40E-05	1.15E-06	1.97E-08	4.37E-09	2.52E-05	2.12E-05	8.8E-07	1.9E-08	4.5E-09	2E-05
3606	496863.09, 3850377.25	0.01167	0.01188	0.01116	0.01145	0.00783	2.19E-05	1E-06	2.3E-08	8.7E-09	2.30E-05	2.69E-05	1.28E-06	2.24E-08	4.90E-09	2.82E-05	2.37E-05	9.8E-07	2.2E-08	5.1E-09	2E-05
3607	497363.09, 3850377.25	0.01231	0.01247	0.0119	0.01217	0.0084	2.31E-05	1.1E-06	2.4E-08	9.4E-09	2.43E-05	2.83E-05	1.34E-06	2.38E-08	5.25E-09	2.97E-05	2.50E-05	1E-06	2.3E-08	5.4E-09	3E-05
3608	497863.09, 3850377.25	0.01237	0.01264	0.01207	0.01227	0.00867	2.32E-05	1.1E-06	2.4E-08	9.7E-09	2.44E-05	2.85E-05	1.36E-06	2.40E-08	5.42E-09	2.99E-05	2.51E-05	1E-06	2.3E-08	5.6E-09	3E-05
3609	498363.09, 3850377.25	0.01239	0.01281	0.01221	0.0123	0.00889	2.33E-05	1.1E-06	2.4E-08	9.9E-09	2.44E-05	2.85E-05	1.38E-06	2.41E-08	5.56E-09	2.99E-05	2.52E-05	1.1E-06	2.3E-08	5.7E-09	3E-05
3610	471363.09, 3850877.25	0.00664	0.0067	0.00657	0.00682	0.00451	1.25E-05	5.9E-07	1.4E-08	5E-09	1.31E-05	1.53E-05	7.20E-07	1.34E-08	2.82E-09	1.60E-05	1.35E-05	5.5E-07	1.3E-08	2.9E-09	1E-05
3611	471863.09, 3850877.25	0.00731	0.00751	0.00705	0.00727	0.00488	1.37E-05	6.6E-07	1.4E-08	5.5E-09	1.44E-05	1.68E-05	8.07E-07	1.42E-08	3.05E-09	1.77E-05	1.48E-05	6.2E-07	1.4E-08	3.2E-09	2E-05
3612	472363.09, 3850877.25	0.0081	0.00841	0.00763	0.00782	0.00548	1.52E-05	7.4E-07	1.6E-08	6.1E-09	1.60E-05	1.87E-05	9.04E-07	1.53E-08	3.43E-09	1.96E-05	1.64E-05	7E-07	1.5E-08	3.5E-09	2E-05
3613	472863.09, 3850877.25	0.00872	0.00895	0.00805	0.00826	0.0061	1.64E-05	7.9E-07	1.6E-08	6.8E-09	1.72E-05	2.01E-05	9.62E-07	1.62E-08	3.82E-09	2.11E-05	1.77E-05	7.4E-07	1.6E-08	3.9E-09	2E-05
3614	473363.09, 3850877.25	0.00855	0.00866	0.00793	0.00815	0.00585	1.61E-05	7.6E-07	1.6E-08	6.5E-09	1.68E-05	1.97E-05	9.31E-07	1.60E-08	3.66E-09	2.06E-05	1.74E-05	7.2E-07	1.6E-08	3.8E-09	2E-05
3615	473863.09, 3850877.25	0.00934	0.00896	0.0085	0.00887	0.00666	1.76E-05	7.9E-07	1.8E-08	7.4E-09	1.84E-05	2.15E-05	9.63E-07	1.74E-08	4.17E-09	2.25E-05	1.90E-05	7.4E-07	1.7E-08	4.3E-09	2E-05
3616	474363.09, 3850877.25	0.01044	0.00967	0.00926	0.00989	0.00778	1.96E-05	8.5E-07	2E-08	8.7E-09	2.05E-05	2.40E-05	1.04E-06	1.94E-08	4.87E-09	2.51E-05	2.12E-05	8E-07	1.9E-08	5E-09	2E-05
3617	474863.09, 3850877.25	0.01125	0.01043	0.01	0.01077	0.00867	2.11E-05	9.1E-07	2.1E-08	9.7E-09	2.21E-05	2.59E-05	1.12E-06	2.11E-08	5.42E-09	2.71E-05	2.28E-05	8.6E-07	2E-08	5.6E-09	2E-05
3618	475363.09, 3850877.25	0.01212	0.01136	0.01088	0.0118	0.00959	2.28E-05	1E-06	2.3E-08	1.1E-08	2.38E-05	2.79E-05	1.22E-06	2.31E-08	6.00E-09	2.92E-05	2.46E-05	9.4E-07	2.2E-08	6.2E-09	3E-05
3619	475863.09, 3850877.25	0.01311	0.01219	0.0118	0.01293	0.01051	2.46E-05	1.1E-06	2.6E-08	1.2E-08	2.57E-05	3.02E-05	1.31E-06	2.53E-08	6.57E-09	3.15E-05	2.66E-05	1E-06	2.5E-08	6.8E-09	3E-05
3620	476363.09, 3850877.25	0.0141	0.0131	0.01267	0.01389	0.01126	2.65E-05	1.1E-06	2.8E-08	1.3E-08	2.77E-05	3.25E-05	1.41E-06	2.72E-08	7.04E-09	3.39E-05	2.86E-05	1.1E-06	2.6E-08	7.3E-09	3E-05
3621	476863.09, 3850877.25	0.01501	0.01399	0.01336	0.01464	0.01158	2.82E-05	1.2E-06	2.9E-08	1.3E-08	2.95E-05	3.46E-05	1.50E-06	2.87E-08	7.24E-09	3.61E-05	3.05E-05	1.2E-06	2.8E-08	7.5E-09	3E-05
3622	477363.09, 3850877.25	0.0158	0.01459	0.01375	0.0152	0.01169	2.97E-05	1.3E-06	3E-08	1.3E-08	3.10E-05	3.64E-05	1.57E-06	2.98E-08	7.31E-09	3.80E-05	3.21E-05	1.2E-06	2.9E-08	7.6E-09	3E-05
3623	477863.09, 3850877.25	0.0164	0.01483	0.01388	0.01566	0.0118	3.08E-05	1.3E-06	3.1E-08	1.3E-08	3.22E-05	3.78E-05	1.59E-06	3.07E-08	7.38E-09	3.94E-05	3.33E-05	1.2E-06	3E-08	7.6E-09	3E-05
3624	478363.09, 3850877.25	0.01679	0.01482	0.01384	0.01607	0.01178	3.16E-05	1.3E-06	3.2E-08	1.3E-08	3.29E-05	3.87E-05	1.59E-06	3.15E-08	7.37E-09	4.03E-05	3.41E-05	1.2E-06	3.1E-08	7.6E-09	4E-05
3625	478863.09, 3850877.25	0.017	0.01458	0.0136	0.01622	0.01161	3.19E-05	1.3E-06	3.2E-08	1.3E-08	3.33E-05	3.91E-05	1.57E-06	3.18E-08	7.26E-09	4.08E-05	3.45E-05	1.2E-06	3.1E-08	7.5E-09	4E-05
3626	479363.09, 3850877.25	0.01743	0.01484	0.01377	0.01615	0.01079	3.28E-05	1.3E-06	3.2E-08	1.2E-08	3.41E-05	4.01E-05	1.60E-06	3.16E-08	6.75E-09	4.18E-05	3.54E-05	1.2E-06	3.1E-08	7E-09	4E-05
3627	479863.09, 3850877.25	0.01987	0.01786	0.01618	0.01778	0.01149	3.73E-05	1.6E-06	3.5E-08	1.3E-08	3.90E-05	4.58E-05	1.92E-06	3.48E-08	7.19E-09	4.77E-05	4.03E-05	1.5E-06	3.4E-08	7.4E-09	4E-05
3628	480363.09, 3850877.25	0.02341	0.022	0.02022	0.02225	0.01668	4.40E-05	1.9E-06	4.4E-08	1.9E-08	4.60E-05	5.39E-05	2.37E-06	4.36E-08	1.04E-08	5.63E-05	4.75E-05	1.8E-06	4.2E-08	1.1E-08	5E-05
3629	480863.09, 3850877.25	0.02435	0.02256	0.02155	0.02412	0.018	4.58E-05	2E-06	4.8E-08	2E-08	4.78E-05	5.61E-05	2.43E-06	4.72E-08	1.13E-08	5.86E-05	4.94E-05	1.9E-06	4.6E-08	1.2E-08	5E-05
3630	481363.09, 3850877.25	0.02204	0.02044	0.01928	0.02125	0.01417	4.14E-05	1.8E-06	4.2E-08	1.6E-08	4.33E-05	5.08E-05	2.20E-06	4.16E-08	8.86E-09	5.30E-05	4.47E-05	1.7E-06	4E-08	9.2E-09	5E-05
3631	481863.09, 3850877.25	0.01811	0.01762	0.01629	0.01796	0.00985	3.40E-05	1.5E-06	3.6E-08	1.1E-08	3.56E-05	4.17E-05	1.89E-06	3.52E-08	6.16E-09	4.36E-05	3.68E-05	1.5E-06	3.4E-08	6.4E-09	4E-05
3632	482363.09, 3850877.25	0.01409	0.0132	0.01295	0.01454	0.0069	2.65E-05	1.2E-06	2.9E-08	7.7E-09	2.77E-05	3.24E-05	1.42E-06	2.85E-08	4.32E-09	3.39E-05	2.86E-05	1.1E-06	2.8E-08	4.5E-09	3E-05
3633	482863.09, 3850877.25	0.01094	0.00975	0.01011	0.01133	0.00569	2.06E-05	8.6E-07	2.2E-08	6.4E-09	2.14E-05	2.52E-05	1.05E-06	2.22E-08	3.56E-09	2.63E-05	2.22E-05	8.1E-07	2.2E-08	3.7E-09	2E-05
3634	483363.09, 3850877.25	0.00813	0.00769	0.00754	0.00841	0.00451	1.53E-05	6.7E-07	1.7E-08	5E-09	1.60E-05	1.87E-05	8.27E-07	1.65E-08	2.82E-09	1.96E-05	1.65E-05	6.4E-07	1.6E-08	2.9E-09	2E-05
3635	483863.09, 3850877.25	0.00787	0.00795	0.0073	0.00802	0.00444	1.48E-05	7E-07	1.6E-08	5E-09	1.55E-05	1.81E-05	8.55E-07	1.57E-08	2.78E-09	1.90E-05	1.60E-05	6.6E-07	1.5E-08	2.9E-09	2E-05
3636	484363.09, 3850877.25	0.00921	0.00796	0.00835	0.00959	0.00499	1.73E-05	7E-07	1.9E-08	5.6E-09	1.80E-05	2.12E-05	8.56E-07	1.88E-08	3.12E-09	2.21E-05	1.87E-05	6.6E-07	1.8E-08	3.2E-09	2E-05
3637	484863.09, 3850877.25	0.00899	0.00735	0.00811	0.00954	0.00479	1.69E-05	6.4E-07	1.9E-08	5.4E-09	1.76E-05	2.07E-05	7.90E-07	1.87E-08	3.00E-09	2.15E-05	1.83E-05	6.1E-07	1.8E-08	3.1E-09	2E-05
3638	485363.09, 3850877.25	0.00936	0.00843	0.00829	0.00941	0.00487	1.76E-05	7.4E-07	1.9E-08	5.4E-09	1.84E-05	2.16E-05	9.06E-07	1.84E-08	3.05E-09	2.25E-05	1.90E-05	7E-07	1.8E-08	3.1E-09	2E-05
3639	485863.09, 3850877.25	0.0078	0.00695	0.0068	0.00779	0.00417	1.47E-05	6.1E-07	1.5E-08	4.7E-09	1.53E-05	1.80E-05	7.47E-07	1.53E-08	2.61E-09	1.87E-05	1.58E-05	5.7E-07	1.5E-08	2.7E-09	2E-05
3640	486363.09, 3850877.25	0.00801	0.00764	0.00695	0.00766	0.0042	1.51E-05	6.7E-07	1.5E-08	4.7E-09	1.57E-05	1.84E-05	8.21E-07	1.50E-08	2.63E-09	1.93E-05	1.63E-05	6.3E-07	1.5E-08	2.7E-09	2E-05
3641	486863.09, 3850877.25	0.0077	0.0067	0.00643	0.00722	0.00397	1.45E-05	5.9E-07	1.4E-08	4.4E-09	1.51E-05	1.77E-05	7.20E-07	1.41E-08	2.48E-09	1.85E-05	1.56E-05	5.5E-07	1.4E-08	2.6E-09	2E-05
3642	487363.09, 3850877.25	0.00732	0.00733	0.00602	0.00645	0.00364	1.38E-05	6.4E-07	1.3E-08	4.1E-09	1.44E-05	1.69E-05	7.88E-07	1.26E-08	2.28E-09	1.77E-05	1.49E-05	6.1E-07	1.2E-08	2.4E-09	2E-05
3643	487863.09, 3850877.25	0.00744	0.0075	0.00606	0.00647	0.00358	1.40E-05	6.6E-07	1.3E-08	4E-09	1.47E-05	1.71E-05	8.06E-07	1.27E-08	2.24E-09	1.80E-05	1.51E-05	6.2E-07	1.2E-08	2.3E-09	2E-05
3644	488363.09, 3850877.25	0.00763	0.00709	0.00614	0.00665	0.00362	1.43E-05	6.2E-07	1.3E-08	4E-09	1.50E-05	1.76E-05	7.62E-07	1.30E-08	2.26E-09	1.83E-05	1.55E-05	5.9E-07	1.3E-08	2.3E-09	2E-05

3645	488863.09, 3850877.25	0.0077	0.00743	0.0062	0.00655	0.00374	1.45E-05	6.5E-07	1.3E-08	4.2E-09	1.51E-05	1.77E-05	7.99E-07	1.28E-08	2.34E-09	1.85E-05	1.56E-05	6.1E-07	1.2E-08	2.4E-09	2E-05
3646	489363.09, 3850877.25	0.00786	0.00753	0.00634	0.00655	0.00384	1.48E-05	6.6E-07	1.3E-08	4.3E-09	1.54E-05	1.81E-05	8.09E-07	1.28E-08	2.40E-09	1.89E-05	1.60E-05	6.2E-07	1.2E-08	2.5E-09	2E-05
3647	489863.09, 3850877.25	0.00795	0.00746	0.00637	0.00646	0.00393	1.49E-05	6.5E-07	1.3E-08	4.4E-09	1.56E-05	1.83E-05	8.02E-07	1.27E-08	2.46E-09	1.91E-05	1.61E-05	6.2E-07	1.2E-08	2.5E-09	2E-05
3648	490363.09, 3850877.25	0.00825	0.00831	0.00662	0.00664	0.00404	1.55E-05	7.3E-07	1.3E-08	4.5E-09	1.63E-05	1.90E-05	8.93E-07	1.30E-08	2.53E-09	1.99E-05	1.68E-05	6.9E-07	1.3E-08	2.6E-09	2E-05
3649	490863.09, 3850877.25	0.00854	0.00901	0.00694	0.00691	0.00415	1.60E-05	7.9E-07	1.4E-08	4.6E-09	1.69E-05	1.97E-05	9.69E-07	1.35E-08	2.60E-09	2.07E-05	1.73E-05	7.5E-07	1.3E-08	2.7E-09	2E-05
3650	491363.09, 3850877.25	0.00852	0.00919	0.00707	0.00705	0.00429	1.60E-05	8.1E-07	1.4E-08	4.8E-09	1.68E-05	1.96E-05	9.88E-07	1.38E-08	2.68E-09	2.06E-05	1.73E-05	7.6E-07	1.3E-08	2.8E-09	2E-05
3651	491863.09, 3850877.25	0.00838	0.0091	0.00709	0.00705	0.00445	1.57E-05	8E-07	1.4E-08	5E-09	1.66E-05	1.93E-05	9.78E-07	1.38E-08	2.78E-09	2.03E-05	1.70E-05	7.5E-07	1.3E-08	2.9E-09	2E-05
3652	492363.09, 3850877.25	0.00828	0.00923	0.00715	0.00704	0.00466	1.56E-05	8.1E-07	1.4E-08	5.2E-09	1.64E-05	1.91E-05	9.92E-07	1.38E-08	2.91E-09	2.01E-05	1.68E-05	7.6E-07	1.3E-08	3E-09	2E-05
3653	492863.09, 3850877.25	0.00833	0.00923	0.00733	0.00717	0.00493	1.57E-05	8.1E-07	1.4E-08	5.5E-09	1.65E-05	1.92E-05	9.92E-07	1.40E-08	3.08E-09	2.02E-05	1.69E-05	7.6E-07	1.4E-08	3.2E-09	2E-05
3654	493363.09, 3850877.25	0.00858	0.00943	0.00766	0.00757	0.00527	1.61E-05	8.3E-07	1.5E-08	5.9E-09	1.70E-05	1.98E-05	1.01E-06	1.48E-08	3.30E-09	2.08E-05	1.74E-05	7.8E-07	1.4E-08	3.4E-09	2E-05
3655	493863.09, 3850877.25	0.00962	0.01048	0.0087	0.00868	0.00591	1.81E-05	9.2E-07	1.7E-08	6.6E-09	1.90E-05	2.22E-05	1.13E-06	1.70E-08	3.70E-09	2.33E-05	1.95E-05	8.7E-07	1.7E-08	3.8E-09	2E-05
3656	494363.09, 3850877.25	0.01022	0.01096	0.00936	0.0094	0.00641	1.92E-05	9.6E-07	1.9E-08	7.2E-09	2.02E-05	2.35E-05	1.18E-06	1.84E-08	4.01E-09	2.47E-05	2.08E-05	9.1E-07	1.8E-08	4.1E-09	2E-05
3657	494863.09, 3850877.25	0.01145	0.01201	0.01061	0.01075	0.00723	2.15E-05	1.1E-06	2.1E-08	8.1E-09	2.26E-05	2.64E-05	1.29E-06	2.11E-08	4.52E-09	2.77E-05	2.32E-05	9.9E-07	2E-08	4.7E-09	2E-05
3658	495363.09, 3850877.25	0.0128	0.01307	0.01197	0.01228	0.00813	2.41E-05	1.1E-06	2.4E-08	9.1E-09	2.52E-05	2.95E-05	1.41E-06	2.41E-08	5.08E-09	3.09E-05	2.60E-05	1.1E-06	2.3E-08	5.3E-09	3E-05
3659	495863.09, 3850877.25	0.01316	0.01332	0.01245	0.01278	0.00859	2.47E-05	1.2E-06	2.5E-08	9.6E-09	2.59E-05	3.03E-05	1.43E-06	2.50E-08	5.37E-09	3.18E-05	2.67E-05	1.1E-06	2.4E-08	5.5E-09	3E-05
3660	496363.09, 3850877.25	0.01395	0.01416	0.01334	0.01368	0.00928	2.62E-05	1.2E-06	2.7E-08	1E-08	2.75E-05	3.21E-05	1.52E-06	2.68E-08	5.80E-09	3.37E-05	2.83E-05	1.2E-06	2.6E-08	6E-09	3E-05
3661	496863.09, 3850877.25	0.0152	0.01554	0.01472	0.01505	0.01017	2.86E-05	1.4E-06	3E-08	1.1E-08	3.00E-05	3.50E-05	1.67E-06	2.95E-08	6.36E-09	3.67E-05	3.09E-05	1.3E-06	2.9E-08	6.6E-09	3E-05
3662	497363.09, 3850877.25	0.01536	0.01587	0.01503	0.01531	0.01054	2.89E-05	1.4E-06	3E-08	1.2E-08	3.03E-05	3.54E-05	1.71E-06	3.00E-08	6.59E-09	3.71E-05	3.12E-05	1.3E-06	2.9E-08	6.8E-09	3E-05
3663	497863.09, 3850877.25	0.01515	0.0157	0.01497	0.01518	0.01071	2.85E-05	1.4E-06	3E-08	1.2E-08	2.99E-05	3.49E-05	1.69E-06	2.97E-08	6.70E-09	3.66E-05	3.08E-05	1.3E-06	2.9E-08	6.9E-09	3E-05
3664	498363.09, 3850877.25	0.01491	0.01541	0.01482	0.01494	0.01079	2.80E-05	1.4E-06	3E-08	1.2E-08	2.94E-05	3.43E-05	1.66E-06	2.93E-08	6.75E-09	3.60E-05	3.03E-05	1.3E-06	2.8E-08	7E-09	3E-05
3665	471363.09, 3851377.25	0.00711	0.00684	0.00726	0.00748	0.0051	1.34E-05	6E-07	1.5E-08	5.7E-09	1.40E-05	1.64E-05	7.35E-07	1.47E-08	3.19E-09	1.71E-05	1.44E-05	5.7E-07	1.4E-08	3.3E-09	2E-05
3666	471863.09, 3851377.25	0.00849	0.00808	0.00844	0.00882	0.00616	1.60E-05	7.1E-07	1.8E-08	6.9E-09	1.67E-05	1.96E-05	8.69E-07	1.73E-08	3.85E-09	2.04E-05	1.72E-05	6.7E-07	1.7E-08	4E-09	2E-05
3667	472363.09, 3851377.25	0.00876	0.00853	0.00861	0.00901	0.00615	1.65E-05	7.5E-07	1.8E-08	6.9E-09	1.72E-05	2.02E-05	9.17E-07	1.76E-08	3.85E-09	2.11E-05	1.78E-05	7.1E-07	1.7E-08	4E-09	2E-05
3668	472863.09, 3851377.25	0.00906	0.00913	0.00876	0.00911	0.00615	1.70E-05	8E-07	1.8E-08	6.9E-09	1.79E-05	2.09E-05	9.81E-07	1.78E-08	3.85E-09	2.19E-05	1.84E-05	7.6E-07	1.7E-08	4E-09	2E-05
3669	473363.09, 3851377.25	0.00862	0.00897	0.00826	0.0085	0.00555	1.62E-05	7.9E-07	1.7E-08	6.2E-09	1.70E-05	1.99E-05	9.64E-07	1.67E-08	3.47E-09	2.08E-05	1.75E-05	7.4E-07	1.6E-08	3.6E-09	2E-05
3670	473863.09, 3851377.25	0.00907	0.00958	0.00856	0.00874	0.0058	1.70E-05	8.4E-07	1.7E-08	6.5E-09	1.79E-05	2.09E-05	1.03E-06	1.71E-08	3.63E-09	2.19E-05	1.84E-05	7.9E-07	1.7E-08	3.7E-09	2E-05
3671	474363.09, 3851377.25	0.01026	0.01056	0.00944	0.0097	0.00684	1.93E-05	9.3E-07	1.9E-08	7.6E-09	2.02E-05	2.36E-05	1.14E-06	1.90E-08	4.28E-09	2.48E-05	2.08E-05	8.7E-07	1.8E-08	4.4E-09	2E-05
3672	474863.09, 3851377.25	0.01124	0.01092	0.01007	0.01052	0.00783	2.11E-05	9.6E-07	2.1E-08	8.7E-09	2.21E-05	2.59E-05	1.17E-06	2.06E-08	4.90E-09	2.71E-05	2.28E-05	9E-07	2E-08	5.1E-09	2E-05
3673	475363.09, 3851377.25	0.0123	0.01148	0.0108	0.01151	0.00888	2.31E-05	1E-06	2.3E-08	9.9E-09	2.42E-05	2.83E-05	1.23E-06	2.25E-08	5.55E-09	2.96E-05	2.50E-05	9.5E-07	2.2E-08	5.7E-09	3E-05
3674	475863.09, 3851377.25	0.01326	0.01231	0.01168	0.01257	0.00995	2.49E-05	1.1E-06	2.5E-08	1.1E-08	2.60E-05	3.05E-05	1.32E-06	2.46E-08	6.22E-09	3.19E-05	2.69E-05	1E-06	2.4E-08	6.4E-09	3E-05
3675	476363.09, 3851377.25	0.01436	0.01342	0.01281	0.01386	0.01107	2.70E-05	1.2E-06	2.8E-08	1.2E-08	2.82E-05	3.31E-05	1.44E-06	2.72E-08	6.92E-09	3.45E-05	2.92E-05	1.1E-06	2.6E-08	7.2E-09	3E-05
3676	476863.09, 3851377.25	0.01539	0.0144	0.01396	0.01511	0.01186	2.89E-05	1.3E-06	3E-08	1.3E-08	3.02E-05	3.54E-05	1.55E-06	2.96E-08	7.42E-09	3.70E-05	3.12E-05	1.2E-06	2.9E-08	7.7E-09	3E-05
3677	477363.09, 3851377.25	0.01693	0.01568	0.01502	0.0165	0.01321	3.18E-05	1.4E-06	3.3E-08	1.5E-08	3.32E-05	3.90E-05	1.69E-06	3.23E-08	8.26E-09	4.07E-05	3.44E-05	1.3E-06	3.1E-08	8.5E-09	4E-05
3678	477863.09, 3851377.25	0.01815	0.01683	0.01584	0.01745	0.01363	3.41E-05	1.5E-06	3.5E-08	1.5E-08	3.56E-05	4.18E-05	1.81E-06	3.42E-08	8.52E-09	4.36E-05	3.69E-05	1.4E-06	3.3E-08	8.8E-09	4E-05
3679	478363.09, 3851377.25	0.01913	0.01754	0.01627	0.01813	0.01368	3.59E-05	1.5E-06	3.6E-08	1.5E-08	3.75E-05	4.41E-05	1.89E-06	3.55E-08	8.56E-09	4.60E-05	3.88E-05	1.5E-06	3.4E-08	8.8E-09	4E-05
3680	478863.09, 3851377.25	0.01987	0.01771	0.01633	0.01867	0.01381	3.73E-05	1.6E-06	3.7E-08	1.5E-08	3.89E-05	4.58E-05	1.90E-06	3.66E-08	8.64E-09	4.77E-05	4.03E-05	1.5E-06	3.6E-08	8.9E-09	4E-05
3681	479363.09, 3851377.25	0.02026	0.01753	0.01614	0.01902	0.01368	3.81E-05	1.5E-06	3.8E-08	1.5E-08	3.97E-05	4.67E-05	1.88E-06	3.73E-08	8.56E-09	4.86E-05	4.11E-05	1.4E-06	3.6E-08	8.8E-09	4E-05
3682	479863.09, 3851377.25	0.02082	0.01752	0.01607	0.01892	0.01302	3.91E-05	1.5E-06	3.8E-08	1.5E-08	4.07E-05	4.79E-05	1.88E-06	3.71E-08	8.14E-09	4.99E-05	4.23E-05	1.4E-06	3.6E-08	8.4E-09	4E-05
3683	480363.09, 3851377.25	0.0237	0.02078	0.01856	0.02068	0.01385	4.45E-05	1.8E-06	4.1E-08	1.5E-08	4.64E-05	5.46E-05	2.23E-06	4.05E-08	8.66E-09	5.69E-05	4.81E-05	1.7E-06	3.9E-08	8.9E-09	5E-05
3684	480863.09, 3851377.25	0.02788	0.026	0.02356	0.02598	0.01981	5.24E-05	2.3E-06	5.2E-08	2.2E-08	5.47E-05	6.42E-05	2.80E-06	5.09E-08	1.24E-08	6.71E-05	5.66E-05	2.2E-06	4.9E-08	1.3E-08	6E-05
3685	481363.09, 3851377.25	0.0294	0.02626	0.02519	0.02846	0.02205	5.52E-05	2.3E-06	5.6E-08	2.5E-08	5.76E-05	6.77E-05	2.82E-06	5.58E-08	1.38E-08	7.06E-05	5.97E-05	2.2E-06	5.4E-08	1.4E-08	6E-05
3686	481863.09, 3851377.25	0.02608	0.0243	0.02249	0.02511	0.01622	4.90E-05	2.1E-06	5E-08	1.8E-08	5.12E-05	6.01E-05	2.61E-06	4.92E-08	1.01E-08	6.27E-05	5.30E-05	2E-06	4.8E-08	1E-08	6E-05
3687	482363.09, 3851377.25	0.02251	0.02155	0.01972	0.02213	0.01168	4.23E-05	1.9E-06	4.4E-08	1.3E-08	4.42E-05	5.18E-05	2.32E-06	4.34E-08	7.31E-09	5.42E-05	4.57E-05	1.8E-06	4.2E-08	7.5E-09	5E-05
3688	482863.09, 3851377.25	0.01754	0.01543	0.01582	0.01791	0.00843	3.30E-05	1.4E-06	3.6E-08	9.4E-09	3.44E-05	4.04E-05	1.66E-06	3.51E-08	5.27E-09	4.21E-05	3.56E-05	1.3E-06	3.4E-08	5.4E-09	4E-05
3689	483363.09, 3851377.25	0.01241	0.01149	0.01128	0.01267	0.00618	2.33E-05	1E-06	2.5E-08	6.9E-09	2.44E-05	2.86E-05	1.24E-06	2.48E-08	3.87E-09	2.98E-05	2.52E-05	9.5E-07	2.4E-08	4E-09	3E-05
3690	483863.09, 3851377.25	0.01079	0.01066	0.00983	0.01101	0.0056	2.03E-05	9.4E-07	2.2E-08	6.3E-09	2.12E-05	2.48E-05	1.15E-06	2.16E-08	3.50E-09	2.60E-05	2.19E-05	8.8E-07	2.1E-08	3.6E-09	2E-05
3691	484363.09, 3851377.25	0.01356	0.01235	0.01224	0.01396	0.00672	2.55E-05	1.1E-06	2.8E-08	7.5E-09	2.66E-05	3.12E-05	1.33E-06	2.73E-08	4.20E-09	3.26E-05	2.75E-05	1E-06	2.7E-08	4.3E-09	3E-05
3692	484863.09, 3851377.25	0.00944	0.0076	0.00837	0.00969	0.00511	1.77E-05	6.7E-07	1.9E-08	5.7E-09	1.84E-05	2.17E-05	8.17E-07	1.90E-08	3.20E-09	2.26E-05	1.92E-05	6.3E-07	1.8E-08	3.3E-09	2E-05
3693	485363.09, 3851377.25	0.01257	0.01146	0.01087	0.01258	0.00598	2.36E-05	1E-06	2.5E-08	6.7E-09	2.47E-05	2.89E-05	1.23E-06	2.46E-08	3.74E-09	3.02E-05	2.55E-05	9.5E-07	2.4E-08	3.9E-09	3E-05
3694	485863.09, 3851377.25	0.0102	0.00861	0.00865	0.00998	0.00503	1.92E-05	7.6E-07	2E-08	5.6E-09	1.99E-05	2.35E-05	9.26E-07	1.96E-08	3.15E-09	2.44E-05	2.07E-05	7.1E-07	1.9E-08	3.2E-09	2E-05
3695	486363.09, 3851377.25	0.01105	0.01065	0.00915	0.01025	0.00516	2.08E-05	9.3E-07	2E-08	5.8E-09	2.17E-05	2.54E-05	1.14E-06	2.01E-08	3.23E-09	2.66E-05	2.24E-05	8.8E-07	1.9E-08	3.3E-09	2E-05
3696	486863.09, 3851377.25	0.01047	0.00956	0.00835	0.00915	0.00475	1.97E-05	8.4E-07	1.8E-08	5.3E-09	2.05E-05	2.41E-05	1.03E-06	1.79E-08	2.97E-09	2.52E-05	2.13E-05	7.9E-07	1.7E-08	3.1E-09	2E-05
3697	487363.09, 3851377.25	0.009	0.00915	0.00706	0.00748	0.00406	1.69E-05	8E-07	1.5E-08	4.5E-09	1.77E-05	2.07E-05	9.84E-07	1.47E-08	2.54E-09	2.17E-05	1.83E-05	7.6E-07	1.4E-08	2.6E-09	2E-05
3698	487863.09, 3851377.25	0.0101	0.00952	0.00783	0.00846	0.00432	1.90E-05	8.4E-07	1.7E-08	4.8E-09	1.98E-05	2.33E-05	1.02E-06	1.66E-08	2.70E-09	2.43E-05	2.05E-05	7.9E-07	1.6E-08	2.8E-09	2E-05
3699	488363.09, 3851377.25	0.01051	0.00946	0.00806	0.00869	0.00449	1.98E-05	8.3E-07	1.7E-08	5E-09	2.06E-05	2.42E-05	1.02E-06	1.70E-08	2.81E-09	2.52E-05	2.13E-05	7.8E-07	1.7E-08	2.9E-09	2E-05
3700	488863.09, 3851377.25	0.01066	0.01009	0.00819	0.00856	0.00461	2.00E-05	8.9E-07	1.7E-08	5.2E-09	2.09E-05	2.45E-05	1.08E-06	1.68E-08	2.88E-09	2.57E-05	2.16E-05	8.3E-07	1.6E-08	3E-09	2E-05
3701	489363.09, 3851377.25	0.01098	0.01077	0.00849	0.00856	0.00479	2.06E-05	9.4E-07	1.7E-08	5.4E-09	2.16E-05	2.53E-05	1.16E-06	1.68E-08	3.00E-09	2.65E-05	2.23E-05	8.9E-07	1.6E-08	3.1E-09	2E-05
3702	489863.09, 3851377.25	0.0113	0.01162	0.00878	0.00879	0.00493	2.12E-05	1E-06	1.7E-08	5.5E-09	2.23E-05	2.60E-05	1.25E-06	1.72E-08	3.08E-09	2.73E-05	2.29E-05	9.6E-07	1.7E-08	3.2E-09	2E-05
3703	490363.09, 3851377.25	0.01167	0.01275	0.00924	0.00927	0.0051	2.19E-05	1.1E-06	1.8E-08	5.7E-09	2.31E-05	2.69E-05	1.37E-06	1.82E-08	3.19E-09	2.83E-05	2.37E-05	1.1E-06	1.8E-08	3.3E-09	2E-05
3704	490863.09, 3851377.25	0.01191	0.01274	0.00965	0.00971	0.0054	2.24E-05	1.1E-06	1.9E-08	6E-09	2.35E-05	2.74E-05	1.37E-06	1.90E-08	3.38E-09	2.88E-05	2.42E-05	1.1E-06	1.8E-08	3.5E-09	3E-05
3705	491363.09, 3851377.25	0.0118	0.01282	0.00977	0.00975	0.00571	2.22E-05	1.1E-06	1.9E-08	6.4E-09	2.33E-05	2.72E-05	1.38E-06	1.91E-08	3.57E-09	2.86E-05	2.40E-05	1.1E-06	1.9E-08	3.7E-09	3E-05
3706	491863.09, 3851377.25	0.01178	0.01314	0.01002	0.00989	0.00601	2.21E-05	1.2E-06	2E-08	6.7E-09	2.33E-05	2.71E-05	1.41E-06	1.94E-08	3.76E-09	2.86E-05	2.39E-05	1.1E-06	1.9E-08	3.9E-09	3E-05
3707	492363.09, 3851377.25	0.01195	0.01343	0.01038	0.01026	0.00642	2.25E-05	1.2E-06	2E-08	7.2E-09	2.37E-05	2.75E-05	1.44E-06	2.01E-08	4.02E-09	2.90E-05	2.43E-05	1.1E-06	2E-08	4.1E-09	3E-05
3708	492863.09, 3851377.25	0.0118	0.01307	0.01047	0.01043	0.00674	2.22E-05	1.1E-06	2.1E-08	7.5E-09	2.33E-05	2.72E-05	1.41E-06	2.04E-08	4.22E-09	2.86E-05	2.40E-05	1.1E-06	2E-08	4.4E-09	3E-05

3709 493363.09, 3851377.25	0.01074	0.01168	0.0097	0.0097	0.00667	2.02E-05	1E-06	1.9E-08	7.5E-09	2.12E-05	2.47E-05	1.26E-06	1.90E-08	4.17E-09	2.60E-05	2.18E-05	9.7E-07	1.8E-08	4.3E-09	2E-05
3710 493863.09, 3851377.25	0.01191	0.01266	0.0109	0.01101	0.00746	2.24E-05	1.1E-06	2.2E-08	8.3E-09	2.35E-05	2.74E-05	1.36E-06	2.16E-08	4.67E-09	2.88E-05	2.42E-05	1E-06	2.1E-08	4.8E-09	3E-05
3711 494363.09, 3851377.25	0.01435	0.0148	0.01326	0.01355	0.00886	2.70E-05	1.3E-06	2.7E-08	9.9E-09	2.83E-05	3.30E-05	1.59E-06	2.65E-08	5.54E-09	3.47E-05	2.91E-05	1.2E-06	2.6E-08	5.7E-09	3E-05
3712 494863.09, 3851377.25	0.01505	0.01526	0.01406	0.01443	0.00954	2.83E-05	1.3E-06	2.9E-08	1.1E-08	2.97E-05	3.47E-05	1.64E-06	2.83E-08	5.97E-09	3.63E-05	3.06E-05	1.3E-06	2.7E-08	6.2E-09	3E-05
3713 495363.09, 3851377.25	0.01755	0.01781	0.0166	0.01711	0.01106	3.30E-05	1.6E-06	3.4E-08	1.2E-08	3.46E-05	4.04E-05	1.91E-06	3.35E-08	6.92E-09	4.24E-05	3.56E-05	1.5E-06	3.3E-08	7.1E-09	4E-05
3714 495863.09, 3851377.25	0.01853	0.01891	0.01775	0.01829	0.01188	3.48E-05	1.7E-06	3.6E-08	1.3E-08	3.65E-05	4.27E-05	2.03E-06	3.58E-08	7.43E-09	4.47E-05	3.76E-05	1.6E-06	3.5E-08	7.7E-09	4E-05
3715 496363.09, 3851377.25	0.019	0.01953	0.01844	0.01891	0.01248	3.57E-05	1.7E-06	3.8E-08	1.4E-08	3.75E-05	4.38E-05	2.10E-06	3.70E-08	7.81E-09	4.59E-05	3.86E-05	1.6E-06	3.6E-08	8.1E-09	4E-05
3716 496863.09, 3851377.25	0.01911	0.01978	0.01875	0.01913	0.01291	3.59E-05	1.7E-06	3.8E-08	1.4E-08	3.77E-05	4.40E-05	2.13E-06	3.75E-08	8.07E-09	4.62E-05	3.88E-05	1.6E-06	3.6E-08	8.3E-09	4E-05
3717 497363.09, 3851377.25	0.01911	0.0198	0.01894	0.01917	0.01321	3.59E-05	1.7E-06	3.8E-08	1.5E-08	3.77E-05	4.40E-05	2.13E-06	3.76E-08	8.26E-09	4.62E-05	3.88E-05	1.6E-06	3.6E-08	8.5E-09	4E-05
3718 497863.09, 3851377.25	0.01875	0.01933	0.01871	0.0189	0.0133	3.52E-05	1.7E-06	3.8E-08	1.5E-08	3.70E-05	4.32E-05	2.08E-06	3.70E-08	8.32E-09	4.53E-05	3.81E-05	1.6E-06	3.6E-08	8.6E-09	4E-05
3719 498363.09, 3851377.25	0.0177	0.0182	0.01776	0.01793	0.01298	3.33E-05	1.6E-06	3.6E-08	1.5E-08	3.49E-05	4.08E-05	1.96E-06	3.51E-08	8.12E-09	4.28E-05	3.59E-05	1.5E-06	3.4E-08	8.4E-09	4E-05
3720 471363.09, 3851877.25	0.00788	0.00831	0.00795	0.00793	0.00551	1.48E-05	7.3E-07	1.6E-08	6.2E-09	1.56E-05	1.81E-05	8.93E-07	1.55E-08	3.45E-09	1.91E-05	1.60E-05	6.9E-07	1.5E-08	3.6E-09	2E-05
3721 471863.09, 3851877.25	0.00778	0.00795	0.00789	0.00795	0.00542	1.46E-05	7E-07	1.6E-08	6.1E-09	1.53E-05	1.79E-05	8.55E-07	1.56E-08	3.39E-09	1.88E-05	1.58E-05	6.6E-07	1.5E-08	3.5E-09	2E-05
3722 472363.09, 3851877.25	0.00869	0.00849	0.00871	0.00893	0.00611	1.63E-05	7.4E-07	1.8E-08	6.8E-09	1.71E-05	2.00E-05	9.13E-07	1.75E-08	3.82E-09	2.09E-05	1.76E-05	7E-07	1.7E-08	3.9E-09	2E-05
3723 472863.09, 3851877.25	0.00951	0.00903	0.00944	0.0098	0.00669	1.79E-05	7.9E-07	1.9E-08	7.5E-09	1.87E-05	2.19E-05	9.71E-07	1.92E-08	4.18E-09	2.29E-05	1.93E-05	7.5E-07	1.9E-08	4.3E-09	2E-05
3724 473363.09, 3851877.25	0.0092	0.00866	0.00914	0.00956	0.00625	1.73E-05	7.6E-07	1.9E-08	7E-09	1.81E-05	2.12E-05	9.31E-07	1.87E-08	3.91E-09	2.21E-05	1.87E-05	7.2E-07	1.8E-08	4E-09	2E-05
3725 473863.09, 3851877.25	0.00956	0.00927	0.0094	0.00984	0.0063	1.80E-05	8.1E-07	2E-08	7E-09	1.88E-05	2.20E-05	9.97E-07	1.93E-08	3.94E-09	2.30E-05	1.94E-05	7.7E-07	1.9E-08	4.1E-09	2E-05
3726 474363.09, 3851877.25	0.01094	0.01109	0.01047	0.01087	0.00714	2.06E-05	9.7E-07	2.2E-08	8E-09	2.16E-05	2.52E-05	1.19E-06	2.13E-08	4.47E-09	2.64E-05	2.22E-05	9.2E-07	2.1E-08	4.6E-09	2E-05
3727 474863.09, 3851877.25	0.01214	0.01263	0.0113	0.01163	0.00807	2.28E-05	1.1E-06	2.3E-08	9E-09	2.40E-05	2.80E-05	1.36E-06	2.28E-08	5.05E-09	2.93E-05	2.46E-05	1E-06	2.2E-08	5.2E-09	3E-05
3728 475363.09, 3851877.25	0.01288	0.0133	0.0117	0.01208	0.00862	2.42E-05	1.2E-06	2.4E-08	9.6E-09	2.54E-05	2.97E-05	1.43E-06	2.37E-08	5.39E-09	3.11E-05	2.62E-05	1.1E-06	2.3E-08	5.6E-09	3E-05
3729 475863.09, 3851877.25	0.01352	0.01346	0.01205	0.01252	0.00903	2.54E-05	1.2E-06	2.5E-08	1E-08	2.66E-05	3.11E-05	1.45E-06	2.45E-08	5.65E-09	3.26E-05	2.75E-05	1.1E-06	2.4E-08	5.8E-09	3E-05
3730 476363.09, 3851877.25	0.01377	0.01336	0.01236	0.01277	0.00914	2.59E-05	1.2E-06	2.5E-08	1E-08	2.71E-05	3.17E-05	1.44E-06	2.50E-08	5.72E-09	3.32E-05	2.80E-05	1.1E-06	2.4E-08	5.9E-09	3E-05
3731 476863.09, 3851877.25	0.01511	0.0145	0.01362	0.0142	0.01065	2.84E-05	1.3E-06	2.8E-08	1.2E-08	2.97E-05	3.48E-05	1.56E-06	2.78E-08	6.66E-09	3.64E-05	3.07E-05	1.2E-06	2.7E-08	6.9E-09	3E-05
3732 477363.09, 3851877.25	0.01676	0.01592	0.01517	0.01608	0.01222	3.15E-05	1.4E-06	3.2E-08	1.4E-08	3.29E-05	3.86E-05	1.71E-06	3.15E-08	7.64E-09	4.03E-05	3.40E-05	1.3E-06	3.1E-08	7.9E-09	4E-05
3733 477863.09, 3851877.25	0.01853	0.01742	0.0168	0.01803	0.0135	3.48E-05	1.5E-06	3.6E-08	1.5E-08	3.64E-05	4.27E-05	1.87E-06	3.53E-08	8.44E-09	4.46E-05	3.76E-05	1.4E-06	3.4E-08	8.7E-09	4E-05
3734 478363.09, 3851877.25	0.02005	0.01925	0.01828	0.01945	0.01407	3.77E-05	1.7E-06	3.9E-08	1.6E-08	3.94E-05	4.62E-05	2.07E-06	3.81E-08	8.80E-09	4.83E-05	4.07E-05	1.6E-06	3.7E-08	9.1E-09	4E-05
3735 478863.09, 3851877.25	0.0221	0.02085	0.01926	0.02095	0.01511	4.15E-05	1.8E-06	4.2E-08	1.7E-08	4.34E-05	5.09E-05	2.24E-06	4.10E-08	9.45E-09	5.32E-05	4.49E-05	1.7E-06	4E-08	9.8E-09	5E-05
3736 479363.09, 3851877.25	0.02382	0.02166	0.01968	0.02211	0.01617	4.48E-05	1.9E-06	4.4E-08	1.8E-08	4.67E-05	5.49E-05	2.33E-06	4.33E-08	1.01E-08	5.72E-05	4.84E-05	1.8E-06	4.2E-08	1E-08	5E-05
3737 479863.09, 3851877.25	0.02465	0.02155	0.0195	0.02263	0.01645	4.63E-05	1.9E-06	4.5E-08	1.8E-08	4.83E-05	5.68E-05	2.32E-06	4.43E-08	1.03E-08	5.91E-05	5.00E-05	1.8E-06	4.3E-08	1.1E-08	5E-05
3738 480363.09, 3851877.25	0.02538	0.02141	0.01932	0.02271	0.01577	4.77E-05	1.9E-06	4.5E-08	1.8E-08	4.96E-05	5.84E-05	2.30E-06	4.45E-08	9.86E-09	6.08E-05	5.15E-05	1.8E-06	4.3E-08	1E-08	5E-05
3739 480863.09, 3851877.25	0.02874	0.02484	0.02179	0.02427	0.01624	5.40E-05	2.2E-06	4.8E-08	1.8E-08	5.63E-05	6.62E-05	2.67E-06	4.75E-08	1.02E-08	6.89E-05	5.84E-05	2.1E-06	4.6E-08	1E-08	6E-05
3740 481363.09, 3851877.25	0.03379	0.03128	0.02786	0.03074	0.02359	6.35E-05	2.7E-06	6.1E-08	2.6E-08	6.63E-05	7.78E-05	3.36E-06	6.02E-08	1.48E-08	8.12E-05	6.86E-05	2.6E-06	5.8E-08	1.5E-08	7E-05
3741 481863.09, 3851877.25	0.03593	0.03174	0.03005	0.03404	0.02544	6.75E-05	2.8E-06	6.8E-08	2.8E-08	7.04E-05	8.27E-05	3.41E-06	6.67E-08	1.59E-08	8.62E-05	7.30E-05	2.6E-06	6.5E-08	1.6E-08	8E-05
3742 482363.09, 3851877.25	0.02876	0.02816	0.02532	0.02764	0.0151	5.40E-05	2.5E-06	5.5E-08	1.7E-08	5.66E-05	6.62E-05	3.03E-06	5.41E-08	9.44E-09	6.93E-05	5.84E-05	2.3E-06	5.3E-08	9.8E-09	6E-05
3743 482863.09, 3851877.25	0.01998	0.01837	0.018	0.02037	0.00899	3.75E-05	1.6E-06	4E-08	1E-08	3.92E-05	4.60E-05	1.97E-06	3.99E-08	5.62E-09	4.80E-05	4.06E-05	1.5E-06	3.9E-08	5.8E-09	4E-05
3744 483363.09, 3851877.25	0.02004	0.01883	0.01788	0.02008	0.0092	3.77E-05	1.7E-06	4E-08	1E-08	3.94E-05	4.61E-05	2.02E-06	3.93E-08	5.75E-09	4.82E-05	4.07E-05	1.6E-06	3.8E-08	5.9E-09	4E-05
3745 483863.09, 3851877.25	0.01817	0.01805	0.01605	0.01831	0.00806	3.41E-05	1.6E-06	3.6E-08	9E-09	3.58E-05	4.18E-05	1.94E-06	3.59E-08	5.04E-09	4.38E-05	3.69E-05	1.5E-06	3.5E-08	5.2E-09	4E-05
3746 484363.09, 3851877.25	0.01926	0.01785	0.01685	0.01937	0.00874	3.62E-05	1.6E-06	3.8E-08	9.8E-09	3.78E-05	4.44E-05	1.92E-06	3.79E-08	5.47E-09	4.63E-05	3.91E-05	1.5E-06	3.7E-08	5.6E-09	4E-05
3747 484863.09, 3851877.25	0.01661	0.01269	0.01415	0.01667	0.00761	3.12E-05	1.1E-06	3.3E-08	8.5E-09	3.24E-05	3.82E-05	1.36E-06	3.27E-08	4.76E-09	3.97E-05	3.37E-05	1E-06	3.2E-08	4.9E-09	3E-05
3748 485363.09, 3851877.25	0.0169	0.01475	0.01395	0.01634	0.00728	3.18E-05	1.3E-06	3.2E-08	8.1E-09	3.31E-05	3.89E-05	1.59E-06	3.20E-08	4.55E-09	4.05E-05	3.43E-05	1.2E-06	3.1E-08	4.7E-09	4E-05
3749 485863.09, 3851877.25	0.01695	0.01395	0.01357	0.0158	0.00703	3.19E-05	1.2E-06	3.1E-08	7.9E-09	3.31E-05	3.90E-05	1.50E-06	3.10E-08	4.40E-09	4.06E-05	3.44E-05	1.2E-06	3E-08	4.5E-09	4E-05
3750 486363.09, 3851877.25	0.01471	0.01373	0.01146	0.01255	0.00602	2.76E-05	1.2E-06	2.5E-08	6.7E-09	2.89E-05	3.39E-05	1.48E-06	2.46E-08	3.77E-09	3.54E-05	2.99E-05	1.1E-06	2.4E-08	3.9E-09	3E-05
3751 486863.09, 3851877.25	0.01457	0.01387	0.01107	0.0119	0.00569	2.74E-05	1.2E-06	2.4E-08	6.4E-09	2.86E-05	3.36E-05	1.49E-06	2.33E-08	3.56E-09	3.51E-05	2.96E-05	1.1E-06	2.3E-08	3.7E-09	3E-05
3752 487363.09, 3851877.25	0.01444	0.01387	0.0107	0.01158	0.00533	2.71E-05	1.2E-06	2.3E-08	6E-09	2.84E-05	3.33E-05	1.49E-06	2.27E-08	3.33E-09	3.48E-05	2.93E-05	1.1E-06	2.2E-08	3.4E-09	3E-05
3753 487863.09, 3851877.25	0.01269	0.01141	0.00921	0.00976	0.00505	2.38E-05	1E-06	1.9E-08	5.6E-09	2.49E-05	2.92E-05	1.23E-06	1.91E-08	3.16E-09	3.05E-05	2.58E-05	9.4E-07	1.9E-08	3.3E-09	3E-05
3754 488363.09, 3851877.25	0.0132	0.01203	0.00954	0.00991	0.0052	2.48E-05	1.1E-06	2E-08	5.8E-09	2.59E-05	3.04E-05	1.29E-06	1.94E-08	3.25E-09	3.17E-05	2.68E-05	9.9E-07	1.9E-08	3.4E-09	3E-05
3755 488863.09, 3851877.25	0.01307	0.01342	0.00959	0.0095	0.00524	2.46E-05	1.2E-06	1.9E-08	5.9E-09	2.58E-05	3.01E-05	1.44E-06	1.86E-08	3.28E-09	3.16E-05	2.65E-05	1.1E-06	1.8E-08	3.4E-09	3E-05
3756 489363.09, 3851877.25	0.0132	0.0142	0.0099	0.00971	0.00532	2.48E-05	1.2E-06	1.9E-08	5.9E-09	2.61E-05	3.04E-05	1.53E-06	1.90E-08	3.33E-09	3.19E-05	2.68E-05	1.2E-06	1.8E-08	3.4E-09	3E-05
3757 489863.09, 3851877.25	0.01362	0.01494	0.01047	0.01038	0.00568	2.56E-05	1.3E-06	2.1E-08	6.3E-09	2.69E-05	3.14E-05	1.61E-06	2.03E-08	3.55E-09	3.30E-05	2.77E-05	1.2E-06	2E-08	3.7E-09	3E-05
3758 490363.09, 3851877.25	0.01448	0.01578	0.01145	0.01137	0.00624	2.72E-05	1.4E-06	2.3E-08	7E-09	2.86E-05	3.33E-05	1.70E-06	2.23E-08	3.90E-09	3.51E-05	2.94E-05	1.3E-06	2.2E-08	4E-09	3E-05
3759 490863.09, 3851877.25	0.01546	0.01715	0.01259	0.01251	0.00697	2.91E-05	1.5E-06	2.5E-08	7.8E-09	3.06E-05	3.56E-05	1.84E-06	2.45E-08	4.36E-09	3.75E-05	3.14E-05	1.4E-06	2.4E-08	4.5E-09	3E-05
3760 491363.09, 3851877.25	0.01649	0.01875	0.01384	0.01377	0.0078	3.10E-05	1.6E-06	2.7E-08	8.7E-09	3.27E-05	3.80E-05	2.02E-06	2.70E-08	4.88E-09	4.00E-05	3.35E-05	1.6E-06	2.6E-08	5E-09	4E-05
3761 491863.09, 3851877.25	0.0172	0.01953	0.01485	0.0148	0.00858	3.23E-05	1.7E-06	2.9E-08	9.6E-09	3.41E-05	3.96E-05	2.10E-06	2.90E-08	5.37E-09	4.17E-05	3.49E-05	1.6E-06	2.8E-08	5.5E-09	4E-05
3762 492363.09, 3851877.25	0.01688	0.01861	0.01489	0.01501	0.00903	3.17E-05	1.6E-06	3E-08	1E-08	3.34E-05	3.89E-05	2.00E-06	2.94E-08	5.65E-09	4.09E-05	3.43E-05	1.5E-06	2.9E-08	5.8E-09	4E-05
3763 492863.09, 3851877.25	0.01469	0.01581	0.01323	0.01334	0.00869	2.76E-05	1.4E-06	2.6E-08	9.7E-09	2.90E-05	3.38E-05	1.70E-06	2.61E-08	5.44E-09	3.56E-05	2.98E-05	1.3E-06	2.5E-08	5.6E-09	3E-05
3764 493363.09, 3851877.25	0.0178	0.01866	0.01619	0.01654	0.01039	3.34E-05	1.6E-06	3.3E-08	1.2E-08	3.51E-05	4.10E-05	2.01E-06	3.24E-08	6.50E-09	4.30E-05	3.61E-05	1.5E-06	3.1E-08	6.7E-09	4E-05
3765 493863.09, 3851877.25	0.02128	0.02179	0.01961	0.02024	0.01235	4.00E-05	1.9E-06	4E-08	1.4E-08	4.20E-05	4.90E-05	2.34E-06	3.96E-08	7.72E-09	5.14E-05	4.32E-05	1.8E-06	3.9E-08	8E-09	5E-05
3766 494363.09, 3851877.25	0.02069	0.02105	0.01934	0.02001	0.01259	3.89E-05	1.8E-06	4E-08	1.4E-08	4.08E-05	4.76E-05	2.26E-06	3.92E-08	7.87E-09	5.00E-05	4.20E-05	1.7E-06	3.8E-08	8.1E-09	4E-05
3767 494863.09, 3851877.25	0.0229	0.0233	0.0217	0.0225	0.01405	4.30E-05	2E-06	4.5E-08	1.6E-08	4.51E-05	5.27E-05	2.50E-06	4.41E-08	8.79E-09	5.53E-05	4.65E-05	1.9E-06	4.3E-08	9.1E-09	5E-05
3768 495363.09, 3851877.25	0.02424	0.02485	0.02333	0.02399	0.01516	4.56E-05	2.2E-06	4.8E-08	1.7E-08	4.78E-05	5.58E-05	2.67E-06	4.70E-08	9.48E-09	5.85E-05	4.92E-05	2.1E-06	4.6E-08	9.8E-09	5E-05
3769 495863.09, 3851877.25	0.02497	0.02593	0.02439	0.02493	0.01605	4.69E-05	2.3E-06	4.9E-08	1.8E-08	4.93E-05	5.75E-05	2.79E-06	4.88E-08	1.00E-08	6.03E-05	5.07E-05	2.1E-06	4.7E-08	1E-08	5E-05
3770 496363.09, 3851877.25	0.02458	0.02554	0.02427	0.02472	0.0163	4.62E-05	2.2E-06	4.9E-08	1.8E-08	4.85E-05	5.66E-05	2.75E-06	4.84E-08	1.02E-08	5.94E-05	4.99E-05	2.1E-06	4.7E-08	1.1E-08	5E-05
3771 496863.09, 3851877.25	0.02397	0.02468	0.02388	0.0243	0.0164	4.50E-05	2.2E-06	4.8E-08	1.8E-08	4.73E-05	5.52E-05	2.65E-06	4.76E-08	1.03E-08	5.79E-05	4.87E-05	2E-06	4.6E-08	1.1E-08	5E-05
3772 497363.09, 3851877.25	0.02318	0.02366	0.02326	0.02367	0.01635	4.36E-05	2.1E-06	4.7E-08	1.8E-08	4.57E-05	5.34E-05	2.54E-06	4.64E-08	1.02E-08	5.60E-05	4.71E-05	2E-06	4.5E-08	1.1E-08	5E-05

3773	497863.09, 3851877.25	0.02154	0.02191	0.02174	0.0221	0.01574	4.05E-05	1.9E-06	4.4E-08	1.8E-08	4.25E-05	4.96E-05	2.36E-06	4.33E-08	9.84E-09	5.20E-05	4.37E-05	1.8E-06	4.2E-08	1E-08	5E-05
3774	498363.09, 3851877.25	0.02006	0.02045	0.02033	0.02063	0.01517	3.77E-05	1.8E-06	4.1E-08	1.7E-08	3.95E-05	4.62E-05	2.20E-06	4.04E-08	9.49E-09	4.84E-05	4.07E-05	1.7E-06	3.9E-08	9.8E-09	4E-05
3775	471363.09, 3852377.25	0.00734	0.00812	0.00755	0.00741	0.005	1.38E-05	7.1E-07	1.5E-08	5.6E-09	1.45E-05	1.69E-05	8.73E-07	1.45E-08	3.13E-09	1.78E-05	1.49E-05	6.7E-07	1.4E-08	3.2E-09	2E-05
3776	471863.09, 3852377.25	0.00836	0.00939	0.00852	0.00838	0.00562	1.57E-05	8.2E-07	1.7E-08	6.3E-09	1.66E-05	1.93E-05	1.01E-06	1.64E-08	3.51E-09	2.03E-05	1.70E-05	7.8E-07	1.6E-08	3.6E-09	2E-05
3777	472363.09, 3852377.25	0.0091	0.0101	0.00919	0.00911	0.0061	1.71E-05	8.9E-07	1.8E-08	6.8E-09	1.80E-05	2.10E-05	1.09E-06	1.78E-08	3.82E-09	2.21E-05	1.85E-05	8.4E-07	1.7E-08	3.9E-09	2E-05
3778	472863.09, 3852377.25	0.00975	0.0105	0.00975	0.00976	0.00657	1.83E-05	9.2E-07	1.9E-08	7.3E-09	1.93E-05	2.25E-05	1.13E-06	1.91E-08	4.11E-09	2.36E-05	1.98E-05	8.7E-07	1.9E-08	4.2E-09	2E-05
3779	473363.09, 3852377.25	0.01019	0.01053	0.01011	0.01027	0.00683	1.91E-05	9.2E-07	2E-08	7.6E-09	2.01E-05	2.35E-05	1.13E-06	2.01E-08	4.27E-09	2.46E-05	2.07E-05	8.7E-07	2E-08	4.4E-09	2E-05
3780	473863.09, 3852377.25	0.01045	0.01033	0.01033	0.01064	0.00694	1.96E-05	9.1E-07	2.1E-08	7.8E-09	2.06E-05	2.41E-05	1.11E-06	2.08E-08	4.34E-09	2.52E-05	2.12E-05	8.5E-07	2E-08	4.5E-09	2E-05
3781	474363.09, 3852377.25	0.01084	0.01027	0.01065	0.0111	0.00712	2.04E-05	9E-07	2.2E-08	8E-09	2.13E-05	2.50E-05	1.10E-06	2.17E-08	4.45E-09	2.61E-05	2.20E-05	8.5E-07	2.1E-08	4.6E-09	2E-05
3782	474863.09, 3852377.25	0.01313	0.01228	0.01255	0.01317	0.009	2.47E-05	1.1E-06	2.6E-08	1E-08	2.58E-05	3.02E-05	1.32E-06	2.58E-08	5.63E-09	3.16E-05	2.67E-05	1E-06	2.5E-08	5.8E-09	3E-05
3783	475363.09, 3852377.25	0.0137	0.0132	0.01299	0.01359	0.00915	2.57E-05	1.2E-06	2.7E-08	1E-08	2.69E-05	3.15E-05	1.42E-06	2.66E-08	5.72E-09	3.30E-05	2.78E-05	1.1E-06	2.6E-08	5.9E-09	3E-05
3784	475863.09, 3852377.25	0.01423	0.0145	0.01337	0.01386	0.00911	2.67E-05	1.3E-06	2.8E-08	1E-08	2.81E-05	3.28E-05	1.56E-06	2.72E-08	5.70E-09	3.44E-05	2.89E-05	1.2E-06	2.6E-08	5.9E-09	3E-05
3785	476363.09, 3852377.25	0.01452	0.01542	0.01347	0.01385	0.0088	2.73E-05	1.4E-06	2.7E-08	9.8E-09	2.87E-05	3.34E-05	1.66E-06	2.71E-08	5.50E-09	3.51E-05	2.95E-05	1.3E-06	2.6E-08	5.7E-09	3E-05
3786	476863.09, 3852377.25	0.01539	0.01611	0.01395	0.01431	0.00914	2.89E-05	1.4E-06	2.8E-08	1E-08	3.04E-05	3.54E-05	1.73E-06	2.80E-08	5.72E-09	3.72E-05	3.12E-05	1.3E-06	2.7E-08	5.9E-09	3E-05
3787	477363.09, 3852377.25	0.01599	0.01615	0.01442	0.01472	0.00952	3.00E-05	1.4E-06	2.9E-08	1.1E-08	3.15E-05	3.68E-05	1.74E-06	2.88E-08	5.95E-09	3.86E-05	3.25E-05	1.3E-06	2.8E-08	6.1E-09	3E-05
3788	477863.09, 3852377.25	0.01499	0.01518	0.01413	0.01435	0.00892	2.82E-05	1.3E-06	2.8E-08	1E-08	2.95E-05	3.45E-05	1.63E-06	2.81E-08	5.58E-09	3.62E-05	3.04E-05	1.3E-06	2.7E-08	5.8E-09	3E-05
3789	478363.09, 3852377.25	0.01474	0.01485	0.01437	0.01488	0.00868	2.77E-05	1.3E-06	3E-08	9.7E-09	2.90E-05	3.39E-05	1.60E-06	2.91E-08	5.43E-09	3.56E-05	2.99E-05	1.2E-06	2.8E-08	5.6E-09	3E-05
3790	478863.09, 3852377.25	0.0194	0.01895	0.01854	0.01936	0.01134	3.65E-05	1.7E-06	3.8E-08	1.3E-08	3.82E-05	4.47E-05	2.04E-06	3.79E-08	7.09E-09	4.68E-05	3.94E-05	1.6E-06	3.7E-08	7.3E-09	4E-05
3791	479363.09, 3852377.25	0.02331	0.02325	0.02165	0.02268	0.0134	4.38E-05	2E-06	4.5E-08	1.5E-08	4.59E-05	5.37E-05	2.50E-06	4.44E-08	8.38E-09	5.62E-05	4.73E-05	1.9E-06	4.3E-08	8.7E-09	5E-05
3792	479863.09, 3852377.25	0.02824	0.02684	0.0241	0.02606	0.0175	5.31E-05	2.4E-06	5.2E-08	2E-08	5.55E-05	6.50E-05	2.89E-06	5.10E-08	1.09E-08	6.80E-05	5.73E-05	2.2E-06	5E-08	1.1E-08	6E-05
3793	480363.09, 3852377.25	0.0309	0.02732	0.02416	0.02751	0.02014	5.81E-05	2.4E-06	5.5E-08	2.3E-08	6.05E-05	7.12E-05	2.94E-06	5.39E-08	1.26E-08	7.42E-05	6.27E-05	2.3E-06	5.2E-08	1.3E-08	7E-05
3794	480863.09, 3852377.25	0.03213	0.02713	0.02391	0.0279	0.01964	6.04E-05	2.4E-06	5.5E-08	2.2E-08	6.28E-05	7.40E-05	2.92E-06	5.47E-08	1.23E-08	7.70E-05	6.52E-05	2.2E-06	5.3E-08	1.3E-08	7E-05
3795	481363.09, 3852377.25	0.03637	0.03076	0.02634	0.02931	0.01952	6.83E-05	2.7E-06	5.8E-08	2.2E-08	7.11E-05	8.38E-05	3.31E-06	5.74E-08	1.22E-08	8.71E-05	7.38E-05	2.5E-06	5.6E-08	1.3E-08	8E-05
3796	481863.09, 3852377.25	0.0428	0.03908	0.03396	0.03743	0.02829	8.04E-05	3.4E-06	7.4E-08	3.2E-08	8.40E-05	9.86E-05	4.20E-06	7.33E-08	1.77E-08	1.03E-04	8.69E-05	3.2E-06	7.1E-08	1.8E-08	9E-05
3797	482363.09, 3852377.25	0.04505	0.03955	0.03664	0.04173	0.03075	8.47E-05	3.5E-06	8.3E-08	3.4E-08	8.82E-05	1.04E-04	4.25E-06	8.17E-08	1.92E-08	1.08E-04	9.15E-05	3.3E-06	7.9E-08	2E-08	9E-05
3798	482863.09, 3852377.25	0.04057	0.03725	0.03269	0.03737	0.02106	7.62E-05	3.3E-06	7.4E-08	2.4E-08	7.96E-05	9.34E-05	4.00E-06	7.32E-08	1.32E-08	9.75E-05	8.24E-05	3.1E-06	7.1E-08	1.4E-08	9E-05
3799	483363.09, 3852377.25	0.0297	0.02625	0.02566	0.02937	0.01282	5.58E-05	2.3E-06	5.8E-08	1.4E-08	5.82E-05	6.84E-05	2.82E-06	5.75E-08	8.02E-09	7.13E-05	6.03E-05	2.2E-06	5.6E-08	8.3E-09	6E-05
3800	483863.09, 3852377.25	0.02427	0.02352	0.02098	0.02371	0.01021	4.56E-05	2.1E-06	4.7E-08	1.1E-08	4.77E-05	5.59E-05	2.53E-06	4.64E-08	6.39E-09	5.85E-05	4.93E-05	1.9E-06	4.5E-08	6.6E-09	5E-05
3801	484363.09, 3852377.25	0.02678	0.02377	0.02241	0.02623	0.01103	5.03E-05	2.1E-06	5.2E-08	1.2E-08	5.25E-05	6.17E-05	2.56E-06	5.14E-08	6.90E-09	6.43E-05	5.44E-05	2E-06	5E-08	7.1E-09	6E-05
3802	484863.09, 3852377.25	0.02711	0.0215	0.02159	0.02529	0.01101	5.09E-05	1.9E-06	5E-08	1.2E-08	5.29E-05	6.24E-05	2.31E-06	4.95E-08	6.89E-09	6.48E-05	5.50E-05	1.8E-06	4.8E-08	7.1E-09	6E-05
3803	485363.09, 3852377.25	0.02805	0.02234	0.02099	0.02523	0.01027	5.27E-05	2E-06	5E-08	1.1E-08	5.47E-05	6.46E-05	2.40E-06	4.94E-08	6.42E-09	6.71E-05	5.70E-05	1.8E-06	4.8E-08	6.6E-09	6E-05
3804	485863.09, 3852377.25	0.02538	0.02072	0.01855	0.02161	0.00893	4.77E-05	1.8E-06	4.3E-08	1E-08	4.96E-05	5.84E-05	2.23E-06	4.23E-08	5.59E-09	6.07E-05	5.15E-05	1.7E-06	4.1E-08	5.8E-09	5E-05
3805	486363.09, 3852377.25	0.02111	0.02022	0.01499	0.01628	0.00726	3.97E-05	1.8E-06	3.2E-08	8.1E-09	4.15E-05	4.86E-05	2.17E-06	3.19E-08	4.54E-09	5.08E-05	4.29E-05	1.7E-06	3.1E-08	4.7E-09	4E-05
3806	486863.09, 3852377.25	0.01994	0.01806	0.01393	0.01495	0.00665	3.75E-05	1.6E-06	3E-08	7.4E-09	3.91E-05	4.59E-05	1.94E-06	2.93E-08	4.16E-09	4.79E-05	4.05E-05	1.5E-06	2.8E-08	4.3E-09	4E-05
3807	487363.09, 3852377.25	0.01835	0.01657	0.0124	0.01309	0.00622	3.45E-05	1.5E-06	2.6E-08	6.9E-09	3.60E-05	4.23E-05	1.78E-06	2.56E-08	3.89E-09	4.41E-05	3.73E-05	1.4E-06	2.5E-08	4E-09	4E-05
3808	487863.09, 3852377.25	0.01752	0.01615	0.01184	0.01199	0.0061	3.29E-05	1.4E-06	2.4E-08	6.8E-09	3.44E-05	4.03E-05	1.74E-06	2.35E-08	3.82E-09	4.21E-05	3.56E-05	1.3E-06	2.3E-08	3.9E-09	4E-05
3809	488363.09, 3852377.25	0.01707	0.01783	0.01181	0.01157	0.00605	3.21E-05	1.6E-06	2.3E-08	6.8E-09	3.37E-05	3.93E-05	1.92E-06	2.27E-08	3.78E-09	4.13E-05	3.47E-05	1.5E-06	2.2E-08	3.9E-09	4E-05
3810	488863.09, 3852377.25	0.01651	0.01859	0.01189	0.0115	0.00607	3.10E-05	1.6E-06	2.3E-08	6.8E-09	3.27E-05	3.80E-05	2.00E-06	2.25E-08	3.80E-09	4.00E-05	3.35E-05	1.5E-06	2.2E-08	3.9E-09	4E-05
3811	489363.09, 3852377.25	0.01656	0.01853	0.0124	0.01201	0.00649	3.11E-05	1.6E-06	2.4E-08	7.3E-09	3.28E-05	3.81E-05	1.99E-06	2.35E-08	4.06E-09	4.02E-05	3.36E-05	1.5E-06	2.3E-08	4.2E-09	4E-05
3812	489863.09, 3852377.25	0.01591	0.0182	0.01235	0.01207	0.00681	2.99E-05	1.6E-06	2.4E-08	7.6E-09	3.15E-05	3.66E-05	1.96E-06	2.36E-08	4.26E-09	3.86E-05	3.23E-05	1.5E-06	2.3E-08	4.4E-09	3E-05
3813	490363.09, 3852377.25	0.01831	0.02098	0.01477	0.01456	0.00804	3.44E-05	1.8E-06	2.9E-08	9E-09	3.63E-05	4.22E-05	2.26E-06	2.85E-08	5.03E-09	4.45E-05	3.72E-05	1.7E-06	2.8E-08	5.2E-09	4E-05
3814	490863.09, 3852377.25	0.02024	0.02317	0.01686	0.01684	0.00935	3.80E-05	2E-06	3.3E-08	1E-08	4.01E-05	4.66E-05	2.49E-06	3.30E-08	5.85E-09	4.91E-05	4.11E-05	1.9E-06	3.2E-08	6E-09	4E-05
3815	491363.09, 3852377.25	0.02429	0.02733	0.02085	0.02103	0.01145	4.56E-05	2.4E-06	4.2E-08	1.3E-08	4.81E-05	5.59E-05	2.94E-06	4.12E-08	7.16E-09	5.89E-05	4.93E-05	2.3E-06	4E-08	7.4E-09	5E-05
3816	491863.09, 3852377.25	0.02529	0.02753	0.02223	0.0225	0.01266	4.75E-05	2.4E-06	4.5E-08	1.4E-08	5.00E-05	5.82E-05	2.96E-06	4.41E-08	7.92E-09	6.12E-05	5.13E-05	2.3E-06	4.3E-08	8.2E-09	5E-05
3817	492363.09, 3852377.25	0.02579	0.02752	0.02308	0.02366	0.01367	4.85E-05	2.4E-06	4.7E-08	1.5E-08	5.09E-05	5.94E-05	2.96E-06	4.63E-08	8.55E-09	6.24E-05	5.24E-05	2.3E-06	4.5E-08	8.8E-09	5E-05
3818	492863.09, 3852377.25	0.02765	0.02899	0.02515	0.02601	0.0151	5.20E-05	2.5E-06	5.2E-08	1.7E-08	5.46E-05	6.37E-05	3.12E-06	5.10E-08	9.44E-09	6.68E-05	5.61E-05	2.4E-06	4.9E-08	9.8E-09	6E-05
3819	493363.09, 3852377.25	0.03081	0.03163	0.02857	0.0297	0.01709	5.79E-05	2.8E-06	5.9E-08	1.9E-08	6.08E-05	7.09E-05	3.40E-06	5.82E-08	1.07E-08	7.44E-05	6.26E-05	2.6E-06	5.6E-08	1.1E-08	7E-05
3820	493863.09, 3852377.25	0.03047	0.0311	0.02868	0.02986	0.01768	5.73E-05	2.7E-06	5.9E-08	2E-08	6.01E-05	7.02E-05	3.34E-06	5.85E-08	1.11E-08	7.36E-05	6.19E-05	2.6E-06	5.7E-08	1.1E-08	6E-05
3821	494363.09, 3852377.25	0.03013	0.03084	0.02879	0.02983	0.01821	5.66E-05	2.7E-06	5.9E-08	2E-08	5.94E-05	6.94E-05	3.32E-06	5.84E-08	1.14E-08	7.28E-05	6.12E-05	2.6E-06	5.7E-08	1.2E-08	6E-05
3822	494863.09, 3852377.25	0.03158	0.03267	0.03073	0.03169	0.01959	5.93E-05	2.9E-06	6.3E-08	2.2E-08	6.23E-05	7.27E-05	3.51E-06	6.21E-08	1.23E-08	7.63E-05	6.41E-05	2.7E-06	6E-08	1.3E-08	7E-05
3823	495363.09, 3852377.25	0.03299	0.03422	0.0326	0.03345	0.02104	6.20E-05	3E-06	6.6E-08	2.4E-08	6.51E-05	7.60E-05	3.68E-06	6.55E-08	1.32E-08	7.97E-05	6.70E-05	2.8E-06	6.4E-08	1.4E-08	7E-05
3824	495863.09, 3852377.25	0.03162	0.03231	0.0315	0.03229	0.02094	5.94E-05	2.8E-06	6.4E-08	2.3E-08	6.23E-05	7.28E-05	3.47E-06	6.33E-08	1.31E-08	7.64E-05	6.42E-05	2.7E-06	6.1E-08	1.4E-08	7E-05
3825	496363.09, 3852377.25	0.03013	0.03035	0.03023	0.03096	0.02064	5.66E-05	2.7E-06	6.1E-08	2.3E-08	5.94E-05	6.94E-05	3.26E-06	6.06E-08	1.29E-08	7.27E-05	6.12E-05	2.5E-06	5.9E-08	1.3E-08	6E-05
3826	496863.09, 3852377.25	0.0291	0.02922	0.02936	0.03004	0.02051	5.47E-05	2.6E-06	6E-08	2.3E-08	5.73E-05	6.70E-05	3.14E-06	5.88E-08	1.28E-08	7.02E-05	5.91E-05	2.4E-06	5.7E-08	1.3E-08	6E-05
3827	497363.09, 3852377.25	0.02635	0.02661	0.02673	0.02735	0.01932	4.95E-05	2.3E-06	5.4E-08	2.2E-08	5.19E-05	6.07E-05	2.86E-06	5.36E-08	1.21E-08	6.36E-05	5.35E-05	2.2E-06	5.2E-08	1.2E-08	6E-05
3828	497863.09, 3852377.25	0.02368	0.0241	0.02413	0.02459	0.01805	4.45E-05	2.1E-06	4.9E-08	2E-08	4.67E-05	5.45E-05	2.59E-06	4.82E-08	1.13E-08	5.72E-05	4.81E-05	2E-06	4.7E-08	1.2E-08	5E-05
3829	498363.09, 3852377.25	0.0213	0.02185	0.02185	0.02213	0.01685	4.00E-05	1.9E-06	4.4E-08	1.9E-08	4.20E-05	4.90E-05	2.35E-06	4.34E-08	1.05E-08	5.15E-05	4.32E-05	1.8E-06	4.2E-08	1.1E-08	5E-05
3830	471363.09, 3852877.25	0.0076	0.0074	0.00784	0.00788	0.00528	1.43E-05	6.5E-07	1.6E-08	5.9E-09	1.50E-05	1.75E-05	7.96E-07	1.54E-08	3.30E-09	1.83E-05	1.54E-05	6.1E-07	1.5E-08	3.4E-09	2E-05
3831	471863.09, 3852877.25	0.00842	0.00834	0.0087	0.00866	0.0058	1.58E-05	7.3E-07	1.7E-08	6.5E-09	1.66E-05	1.94E-05	8.97E-07	1.70E-08	3.63E-09	2.03E-05	1.71E-05	6.9E-07	1.6E-08	3.7E-09	2E-05
3832	472363.09, 3852877.25	0.00926	0.00953	0.00954	0.00947	0.00634	1.74E-05	8.4E-07	1.9E-08	7.1E-09	1.83E-05	2.13E-05	1.02E-06	1.86E-08	3.97E-09	2.24E-05	1.88E-05	7.9E-07	1.8E-08	4.1E-09	2E-05
3833	472863.09, 3852877.25	0.01004	0.01076	0.01031	0.01022	0.00684	1.89E-05	9.4E-07	2E-08	7.6E-09	1.98E-05	2.31E-05	1.16E-06	2.00E-08	4.28E-09	2.43E-05	2.04E-05	8.9E-07	1.9E-08	4.4E-09	2E-05
3834	473363.09, 3852877.25	0.01093	0.01204	0.01114	0.01109	0.00734	2.05E-05	1.1E-06	2.2E-08	8.2E-09	2.16E-05	2.52E-05	1.29E-06	2.17E-08	4.59E-09	2.65E-05	2.22E-05	1E-06	2.1E-08	4.7E-09	2E-05
3835	473863.09, 3852877.25	0.012	0.01335	0.01219	0.01213	0.00799	2.26E-05	1.2E-06	2.4E-08	8.9E-09	2.38E-05	2.76E-05	1.44E-06	2.38E-08	5.00E-09	2.91E-05	2.44E-05	1.1E-06	2.3E-08	5.2E-09	3E-05
3836	474363.09, 3852877.25	0.01311	0.0144	0.01309	0.01317	0.00873	2.46E-05	1.3E-06	2.6E-08	9.8E-09	2.59E-05	3.02E-05	1.55E-06	2.58E-08	5.46E-09	3.18E-05	2.66E-05	1.2E-06	2.5E-08	5.6E-09	3E-05

3837	474863.09, 3852877.25	0.01286	0.01374	0.01276	0.01295	0.00814	2.42E-05	1.2E-06	2.6E-08	9.1E-09	2.54E-05	2.96E-05	1.48E-06	2.54E-08	5.09E-09	3.11E-05	2.61E-05	1.1E-06	2.5E-08	5.3E-09	3E-05
3838	475363.09, 3852877.25	0.01412	0.01439	0.01373	0.01414	0.00895	2.65E-05	1.3E-06	2.8E-08	1E-08	2.78E-05	3.25E-05	1.55E-06	2.77E-08	5.60E-09	3.41E-05	2.87E-05	1.2E-06	2.7E-08	5.8E-09	3E-05
3839	475863.09, 3852877.25	0.01475	0.0143	0.01415	0.01471	0.0092	2.77E-05	1.3E-06	2.9E-08	1E-08	2.90E-05	3.40E-05	1.54E-06	2.88E-08	5.75E-09	3.55E-05	2.99E-05	1.2E-06	2.8E-08	5.9E-09	3E-05
3840	476363.09, 3852877.25	0.0144	0.01366	0.01383	0.01442	0.00869	2.71E-05	1.2E-06	2.9E-08	9.7E-09	2.83E-05	3.32E-05	1.47E-06	2.82E-08	5.44E-09	3.47E-05	2.92E-05	1.1E-06	2.7E-08	5.6E-09	3E-05
3841	476863.09, 3852877.25	0.01316	0.01279	0.01273	0.01326	0.00774	2.47E-05	1.1E-06	2.6E-08	8.6E-09	2.59E-05	3.03E-05	1.37E-06	2.60E-08	4.84E-09	3.17E-05	2.67E-05	1.1E-06	2.5E-08	5E-09	3E-05
3842	477363.09, 3852877.25	0.01227	0.01268	0.01184	0.01227	0.00713	2.31E-05	1.1E-06	2.4E-08	8E-09	2.42E-05	2.83E-05	1.36E-06	2.40E-08	4.46E-09	2.96E-05	2.49E-05	1E-06	2.3E-08	4.6E-09	3E-05
3843	477863.09, 3852877.25	0.01121	0.01193	0.01066	0.01102	0.00655	2.11E-05	1E-06	2.2E-08	7.3E-09	2.21E-05	2.58E-05	1.28E-06	2.16E-08	4.10E-09	2.71E-05	2.28E-05	9.9E-07	2.1E-08	4.2E-09	2E-05
3844	478363.09, 3852877.25	0.00875	0.00946	0.00837	0.00839	0.00567	1.64E-05	8.3E-07	1.7E-08	6.3E-09	1.73E-05	2.01E-05	1.02E-06	1.64E-08	3.55E-09	2.12E-05	1.78E-05	7.8E-07	1.6E-08	3.7E-09	2E-05
3845	478863.09, 3852877.25	0.01074	0.01129	0.01025	0.01031	0.0066	2.02E-05	9.9E-07	2E-08	7.4E-09	2.12E-05	2.47E-05	1.21E-06	2.02E-08	4.13E-09	2.60E-05	2.18E-05	9.3E-07	2E-08	4.3E-09	2E-05
3846	479363.09, 3852877.25	0.01554	0.01544	0.01493	0.01551	0.00867	2.92E-05	1.4E-06	3.1E-08	9.7E-09	3.06E-05	3.58E-05	1.66E-06	3.04E-08	5.42E-09	3.75E-05	3.16E-05	1.3E-06	3E-08	5.6E-09	3E-05
3847	479863.09, 3852877.25	0.02732	0.02647	0.02505	0.02624	0.01515	5.13E-05	2.3E-06	5.2E-08	1.7E-08	5.37E-05	6.29E-05	2.85E-06	5.14E-08	9.48E-09	6.58E-05	5.55E-05	2.2E-06	5E-08	9.8E-09	6E-05
3848	480363.09, 3852877.25	0.03636	0.03349	0.02975	0.03249	0.02282	6.83E-05	2.9E-06	6.4E-08	2.5E-08	7.14E-05	8.37E-05	3.60E-06	6.36E-08	1.43E-08	8.74E-05	7.38E-05	2.8E-06	6.2E-08	1.5E-08	8E-05
3849	480863.09, 3852877.25	0.0406	0.03657	0.03135	0.03488	0.02424	7.63E-05	3.2E-06	6.9E-08	2.7E-08	7.96E-05	9.35E-05	3.93E-06	6.83E-08	1.52E-08	9.75E-05	8.24E-05	3E-06	6.6E-08	1.6E-08	9E-05
3850	481363.09, 3852877.25	0.04312	0.03608	0.03069	0.03528	0.0252	8.10E-05	3.2E-06	7E-08	2.8E-08	8.43E-05	9.93E-05	3.88E-06	6.91E-08	1.58E-08	1.03E-04	8.75E-05	3E-06	6.7E-08	1.6E-08	9E-05
3851	481863.09, 3852877.25	0.04957	0.03984	0.03301	0.03667	0.02458	9.32E-05	3.5E-06	7.3E-08	2.7E-08	9.67E-05	1.14E-04	4.28E-06	7.18E-08	1.54E-08	1.19E-04	1.01E-04	3.3E-06	7E-08	1.6E-08	0.0001
3852	482363.09, 3852877.25	0.05834	0.05111	0.04288	0.04713	0.03488	1.10E-04	4.5E-06	9.4E-08	3.9E-08	1.14E-04	1.34E-04	5.49E-06	9.23E-08	2.18E-08	1.40E-04	1.18E-04	4.2E-06	9E-08	2.3E-08	0.0001
3853	482863.09, 3852877.25	0.06271	0.05179	0.04626	0.05282	0.03806	1.18E-04	4.5E-06	1E-07	4.3E-08	1.23E-04	1.44E-04	5.57E-06	1.03E-07	2.38E-08	1.50E-04	1.27E-04	4.3E-06	1E-07	2.5E-08	0.0001
3854	483363.09, 3852877.25	0.0537	0.04598	0.04102	0.04817	0.02484	1.01E-04	4E-06	9.6E-08	2.8E-08	1.05E-04	1.24E-04	4.94E-06	9.44E-08	1.55E-08	1.29E-04	1.09E-04	3.8E-06	9.2E-08	1.6E-08	0.0001
3855	483863.09, 3852877.25	0.03915	0.03682	0.03151	0.03571	0.01444	7.36E-05	3.2E-06	7.1E-08	1.6E-08	7.69E-05	9.02E-05	3.96E-06	7.00E-08	9.03E-09	9.42E-05	7.95E-05	3E-06	6.8E-08	9.3E-09	8E-05
3856	484363.09, 3852877.25	0.04434	0.0356	0.03265	0.03898	0.01574	8.33E-05	3.1E-06	7.7E-08	1.8E-08	8.65E-05	1.02E-04	3.83E-06	7.64E-08	9.84E-09	1.06E-04	9.00E-05	2.9E-06	7.4E-08	1E-08	9E-05
3857	484863.09, 3852877.25	0.04574	0.03461	0.03119	0.03692	0.01572	8.60E-05	3E-06	7.3E-08	1.8E-08	8.91E-05	1.05E-04	3.72E-06	7.23E-08	9.83E-09	1.09E-04	9.29E-05	2.9E-06	7E-08	1E-08	1E-04
3858	485363.09, 3852877.25	0.03319	0.02292	0.02174	0.02551	0.01044	6.24E-05	2E-06	5.1E-08	1.2E-08	6.44E-05	7.64E-05	2.46E-06	5.00E-08	6.53E-09	7.90E-05	6.74E-05	1.9E-06	4.9E-08	6.7E-09	7E-05
3859	485863.09, 3852877.25	0.02956	0.02323	0.01864	0.02067	0.00896	5.55E-05	2E-06	4.1E-08	1E-08	5.76E-05	6.81E-05	2.50E-06	4.05E-08	5.60E-09	7.06E-05	6.00E-05	1.9E-06	3.9E-08	5.8E-09	6E-05
3860	486363.09, 3852877.25	0.02576	0.02246	0.01586	0.01694	0.00772	4.84E-05	2E-06	3.4E-08	8.6E-09	5.04E-05	5.93E-05	2.41E-06	3.32E-08	4.83E-09	6.18E-05	5.23E-05	1.9E-06	3.2E-08	5E-09	5E-05
3861	486863.09, 3852877.25	0.02525	0.02175	0.01557	0.01599	0.00747	4.74E-05	1.9E-06	3.2E-08	8.3E-09	4.94E-05	5.81E-05	2.34E-06	3.13E-08	4.67E-09	6.05E-05	5.13E-05	1.8E-06	3E-08	4.8E-09	5E-05
3862	487363.09, 3852877.25	0.02404	0.02363	0.01504	0.01462	0.00722	4.52E-05	2.1E-06	2.9E-08	8.1E-09	4.73E-05	5.54E-05	2.54E-06	2.86E-08	4.52E-09	5.79E-05	4.88E-05	2E-06	2.8E-08	4.7E-09	5E-05
3863	487863.09, 3852877.25	0.02381	0.02583	0.01555	0.01512	0.0073	4.47E-05	2.3E-06	3E-08	8.2E-09	4.70E-05	5.48E-05	2.78E-06	2.96E-08	4.57E-09	5.76E-05	4.83E-05	2.1E-06	2.9E-08	4.7E-09	5E-05
3864	488363.09, 3852877.25	0.01869	0.0219	0.01296	0.01218	0.00661	3.51E-05	1.9E-06	2.4E-08	7.4E-09	3.71E-05	4.30E-05	2.35E-06	2.39E-08	4.13E-09	4.54E-05	3.79E-05	1.8E-06	2.3E-08	4.3E-09	4E-05
3865	488863.09, 3852877.25	0.02132	0.02545	0.01564	0.01491	0.00783	4.01E-05	2.2E-06	3E-08	8.7E-09	4.23E-05	4.91E-05	2.74E-06	2.92E-08	4.90E-09	5.19E-05	4.33E-05	2.1E-06	2.8E-08	5.1E-09	5E-05
3866	489363.09, 3852877.25	0.02276	0.02714	0.01751	0.01709	0.00904	4.28E-05	2.4E-06	3.4E-08	1E-08	4.52E-05	5.24E-05	2.92E-06	3.35E-08	5.65E-09	5.54E-05	4.62E-05	2.2E-06	3.3E-08	5.8E-09	5E-05
3867	489863.09, 3852877.25	0.02393	0.02799	0.01919	0.01911	0.01023	4.50E-05	2.5E-06	3.8E-08	1.1E-08	4.75E-05	5.51E-05	3.01E-06	3.74E-08	6.40E-09	5.82E-05	4.86E-05	2.3E-06	3.6E-08	6.6E-09	5E-05
3868	490363.09, 3852877.25	0.03097	0.03529	0.02566	0.02608	0.01337	5.82E-05	3.1E-06	5.2E-08	1.5E-08	6.14E-05	7.13E-05	3.79E-06	5.11E-08	8.36E-09	7.52E-05	6.29E-05	2.9E-06	5E-08	8.6E-09	7E-05
3869	490863.09, 3852877.25	0.03436	0.03879	0.02952	0.0299	0.01565	6.46E-05	3.4E-06	5.9E-08	1.7E-08	6.80E-05	7.91E-05	4.17E-06	5.86E-08	9.79E-09	8.34E-05	6.98E-05	3.2E-06	5.7E-08	1E-08	7E-05
3870	491363.09, 3852877.25	0.03714	0.04098	0.03282	0.03348	0.01784	6.98E-05	3.6E-06	6.6E-08	2E-08	7.35E-05	8.55E-05	4.41E-06	6.56E-08	1.12E-08	9.00E-05	7.54E-05	3.4E-06	6.4E-08	1.2E-08	8E-05
3871	491863.09, 3852877.25	0.03805	0.04091	0.03437	0.03533	0.01932	7.15E-05	3.6E-06	7E-08	2.2E-08	7.52E-05	8.76E-05	4.40E-06	6.92E-08	1.21E-08	9.21E-05	7.73E-05	3.4E-06	6.7E-08	1.2E-08	8E-05
3872	492363.09, 3852877.25	0.03929	0.04124	0.03615	0.03747	0.02086	7.38E-05	3.6E-06	7.4E-08	2.3E-08	7.75E-05	9.05E-05	4.43E-06	7.34E-08	1.30E-08	9.50E-05	7.98E-05	3.4E-06	7.1E-08	1.3E-08	8E-05
3873	492863.09, 3852877.25	0.04219	0.04324	0.03962	0.04146	0.0231	7.93E-05	3.8E-06	8.2E-08	2.6E-08	8.32E-05	9.72E-05	4.65E-06	8.12E-08	1.44E-08	1.02E-04	8.57E-05	3.6E-06	7.9E-08	1.5E-08	9E-05
3874	493363.09, 3852877.25	0.04378	0.04443	0.04188	0.04386	0.02493	8.23E-05	3.9E-06	8.7E-08	2.8E-08	8.63E-05	1.01E-04	4.78E-06	8.59E-08	1.56E-08	1.06E-04	8.89E-05	3.7E-06	8.3E-08	1.6E-08	9E-05
3875	493863.09, 3852877.25	0.04293	0.04363	0.0417	0.04342	0.0256	8.07E-05	3.8E-06	8.6E-08	2.9E-08	8.46E-05	9.89E-05	4.69E-06	8.51E-08	1.60E-08	1.04E-04	8.72E-05	3.6E-06	8.3E-08	1.7E-08	9E-05
3876	494363.09, 3852877.25	0.04232	0.04316	0.04171	0.04318	0.02627	7.95E-05	3.8E-06	8.6E-08	2.9E-08	8.34E-05	9.75E-05	4.64E-06	8.46E-08	1.64E-08	1.02E-04	8.59E-05	3.6E-06	8.2E-08	1.7E-08	9E-05
3877	494863.09, 3852877.25	0.04243	0.04291	0.04236	0.04363	0.02728	7.97E-05	3.8E-06	8.7E-08	3E-08	8.36E-05	9.77E-05	4.61E-06	8.55E-08	1.71E-08	1.02E-04	8.61E-05	3.5E-06	8.3E-08	1.8E-08	9E-05
3878	495363.09, 3852877.25	0.03998	0.03997	0.04021	0.04135	0.02668	7.51E-05	3.5E-06	8.2E-08	3E-08	7.87E-05	9.21E-05	4.30E-06	8.10E-08	1.67E-08	9.65E-05	8.12E-05	3.3E-06	7.9E-08	1.7E-08	8E-05
3879	495863.09, 3852877.25	0.03758	0.03763	0.03804	0.03904	0.02591	7.06E-05	3.3E-06	7.7E-08	2.9E-08	7.40E-05	8.65E-05	4.05E-06	7.65E-08	1.62E-08	9.07E-05	7.63E-05	3.1E-06	7.4E-08	1.7E-08	8E-05
3880	496363.09, 3852877.25	0.03663	0.03701	0.03728	0.03821	0.02589	6.88E-05	3.2E-06	7.6E-08	2.9E-08	7.22E-05	8.44E-05	3.98E-06	7.49E-08	1.62E-08	8.84E-05	7.44E-05	3.1E-06	7.3E-08	1.7E-08	8E-05
3881	496863.09, 3852877.25	0.03476	0.03543	0.03562	0.03634	0.02518	6.53E-05	3.1E-06	7.2E-08	2.8E-08	6.85E-05	8.00E-05	3.81E-06	7.12E-08	1.57E-08	8.39E-05	7.06E-05	2.9E-06	6.9E-08	1.6E-08	7E-05
3882	497363.09, 3852877.25	0.02978	0.03046	0.03065	0.03128	0.02255	5.60E-05	2.7E-06	6.2E-08	2.5E-08	5.87E-05	6.86E-05	3.27E-06	6.13E-08	1.41E-08	7.19E-05	6.05E-05	2.5E-06	6E-08	1.5E-08	6E-05
3883	497863.09, 3852877.25	0.02263	0.0231	0.02338	0.02377	0.0185	4.25E-05	2E-06	4.7E-08	2.1E-08	4.46E-05	5.21E-05	2.48E-06	4.66E-08	1.16E-08	5.47E-05	4.59E-05	1.9E-06	4.5E-08	1.2E-08	5E-05
3884	498363.09, 3852877.25	0.02119	0.0216	0.02199	0.02229	0.01776	3.98E-05	1.9E-06	4.4E-08	2E-08	4.18E-05	4.88E-05	2.32E-06	4.37E-08	1.11E-08	5.12E-05	4.30E-05	1.8E-06	4.2E-08	1.1E-08	4E-05
3885	471363.09, 3853377.25	0.00794	0.0079	0.0083	0.00836	0.00555	1.49E-05	6.9E-07	1.7E-08	6.2E-09	1.56E-05	1.83E-05	8.49E-07	1.64E-08	3.47E-09	1.92E-05	1.61E-05	6.5E-07	1.6E-08	3.6E-09	2E-05
3886	471863.09, 3853377.25	0.00866	0.00851	0.00897	0.00908	0.00596	1.63E-05	7.5E-07	1.8E-08	6.7E-09	1.70E-05	1.99E-05	9.15E-07	1.78E-08	3.73E-09	2.09E-05	1.76E-05	7E-07	1.7E-08	3.8E-09	2E-05
3887	472363.09, 3853377.25	0.00938	0.0091	0.00964	0.00976	0.00639	1.76E-05	8E-07	1.9E-08	7.1E-09	1.85E-05	2.16E-05	9.78E-07	1.91E-08	4.00E-09	2.26E-05	1.90E-05	7.5E-07	1.9E-08	4.1E-09	2E-05
3888	472863.09, 3853377.25	0.01016	0.00978	0.01037	0.01046	0.00692	1.91E-05	8.6E-07	2.1E-08	7.7E-09	2.00E-05	2.34E-05	1.05E-06	2.05E-08	4.33E-09	2.45E-05	2.06E-05	8.1E-07	2E-08	4.5E-09	2E-05
3889	473363.09, 3853377.25	0.01083	0.0105	0.01104	0.01107	0.00734	2.04E-05	9.2E-07	2.2E-08	8.2E-09	2.13E-05	2.49E-05	1.13E-06	2.17E-08	4.59E-09	2.61E-05	2.20E-05	8.7E-07	2.1E-08	4.7E-09	2E-05
3890	473863.09, 3853377.25	0.01163	0.01151	0.01184	0.01182	0.00783	2.19E-05	1E-06	2.3E-08	8.7E-09	2.29E-05	2.68E-05	1.24E-06	2.32E-08	4.90E-09	2.80E-05	2.36E-05	9.5E-07	2.2E-08	5.1E-09	2E-05
3891	474363.09, 3853377.25	0.01245	0.01268	0.01268	0.01265	0.00828	2.34E-05	1.1E-06	2.5E-08	9.3E-09	2.45E-05	2.87E-05	1.36E-06	2.48E-08	5.18E-09	3.01E-05	2.53E-05	1E-06	2.4E-08	5.3E-09	3E-05
3892	474863.09, 3853377.25	0.01266	0.01331	0.01295	0.01298	0.00821	2.38E-05	1.2E-06	2.6E-08	9.2E-09	2.50E-05	2.92E-05	1.43E-06	2.54E-08	5.13E-09	3.06E-05	2.57E-05	1.1E-06	2.5E-08	5.3E-09	3E-05
3893	475363.09, 3853377.25	0.01313	0.01408	0.0134	0.01355	0.0083	2.47E-05	1.2E-06	2.7E-08	9.3E-09	2.59E-05	3.02E-05	1.51E-06	2.65E-08	5.19E-09	3.18E-05	2.67E-05	1.2E-06	2.6E-08	5.4E-09	3E-05
3894	475863.09, 3853377.25	0.01353	0.01462	0.0137	0.01401	0.00831	2.54E-05	1.3E-06	2.8E-08	9.3E-09	2.67E-05	3.12E-05	1.57E-06	2.74E-08	5.20E-09	3.28E-05	2.75E-05	1.2E-06	2.7E-08	5.4E-09	3E-05
3895	476363.09, 3853377.25	0.01292	0.0138	0.01296	0.01337	0.00773	2.43E-05	1.2E-06	2.7E-08	8.6E-09	2.55E-05	2.98E-05	1.48E-06	2.62E-08	4.83E-09	3.13E-05	2.62E-05	1.1E-06	2.5E-08	5E-09	3E-05
3896	476863.09, 3853377.25	0.01115	0.01142	0.0111	0.01157	0.00686	2.10E-05	1E-06	2.3E-08	7.7E-09	2.20E-05	2.57E-05	1.23E-06	2.27E-08	4.29E-09	2.69E-05	2.26E-05	9.4E-07	2.2E-08	4.4E-09	2E-05
3897	477363.09, 3853377.25	0.01094	0.01073	0.01073	0.01124	0.00678	2.06E-05	9.4E-07	2.2E-08	7.6E-09	2.15E-05	2.52E-05	1.15E-06	2.20E-08	4.24E-09	2.64E-05	2.22E-05	8.9E-07	2.1E-08	4.4E-09	2E-05
3898	477863.09, 3853377.25	0.01119	0.01077	0.01087	0.01123	0.0069	2.10E-05	9.4E-07	2.2E-08	7.7E-09	2.20E-05	2.58E-05	1.16E-06	2.20E-08	4.32E-09	2.70E-05	2.27E-05	8.9E-07	2.1E-08	4.5E-09	2E-05
3899	478363.09, 3853377.25	0.00948	0.00935	0.00925	0.00938	0.00624	1.78E-05	8.2E-07	1.9E-08	7E-09	1.87E-05	2.18E-05	1.01E-06	1.84E-08	3.90E-09	2.29E-05	1.92E-05	7.7E-07	1.8E-08	4E-09	2E-05
3900	478863.09, 3853377.25	0.00732	0.0077	0.00719	0.00713	0.00537	1.38E-05	6.8E-07	1.4E-08	6E-09	1.45E-05	1.69E-05	8.28E-07	1.40E-08	3.36E-09	1.77E-05	1.49E-05	6.4E-07	1.4E-08	3.5E-09	2E-05

3901	479363.09, 3853377.25	0.01313	0.01418	0.01235	0.01262	0.00767	2.47E-05	1.2E-06	2.5E-08	8.6E-09	2.60E-05	3.02E-05	1.52E-06	2.47E-08	4.80E-09	3.18E-05	2.67E-05	1.2E-06	2.4E-08	5E-09	3E-05
3902	479863.09, 3853377.25	0.02166	0.02318	0.01967	0.02013	0.01068	4.07E-05	2E-06	4E-08	1.2E-08	4.28E-05	4.99E-05	2.49E-06	3.94E-08	6.68E-09	5.24E-05	4.40E-05	1.9E-06	3.8E-08	6.9E-09	5E-05
3903	480363.09, 3853377.25	0.03572	0.03469	0.0306	0.03179	0.01849	6.71E-05	3E-06	6.3E-08	2.1E-08	7.03E-05	8.23E-05	3.73E-06	6.23E-08	1.16E-08	8.61E-05	7.25E-05	2.9E-06	6E-08	1.2E-08	8E-05
3904	480863.09, 3853377.25	0.03894	0.03739	0.03385	0.03544	0.01877	7.32E-05	3.3E-06	7E-08	2.1E-08	7.65E-05	8.97E-05	4.02E-06	6.94E-08	1.17E-08	9.38E-05	7.91E-05	3.1E-06	6.7E-08	1.2E-08	8E-05
3905	481363.09, 3853377.25	0.05533	0.04974	0.04142	0.04468	0.02777	1.04E-04	4.4E-06	8.9E-08	3.1E-08	1.08E-04	1.27E-04	5.35E-06	8.75E-08	1.74E-08	1.33E-04	1.12E-04	4.1E-06	8.5E-08	1.8E-08	0.0001
3906	481863.09, 3853377.25	0.06605	0.05172	0.04172	0.04674	0.03344	1.24E-04	4.5E-06	9.3E-08	3.7E-08	1.29E-04	1.52E-04	5.56E-06	9.16E-08	2.09E-08	1.58E-04	1.34E-04	4.3E-06	8.9E-08	2.2E-08	0.0001
3907	482363.09, 3853377.25	0.08485	0.05616	0.0441	0.04862	0.03251	1.59E-04	4.9E-06	9.7E-08	3.6E-08	1.65E-04	1.95E-04	6.04E-06	9.52E-08	2.03E-08	2.02E-04	1.72E-04	4.6E-06	9.2E-08	2.1E-08	0.0002
3908	482863.09, 3853377.25	0.10376	0.07286	0.05773	0.06293	0.04451	1.95E-04	6.4E-06	1.2E-07	5E-08	2.02E-04	2.39E-04	7.83E-06	1.23E-07	2.78E-08	2.47E-04	2.11E-04	6E-06	1.2E-07	2.9E-08	0.0002
3909	483363.09, 3853377.25	0.10939	0.07506	0.06314	0.07183	0.04218	2.06E-04	6.6E-06	1.4E-07	4.7E-08	2.12E-04	2.52E-04	8.07E-06	1.41E-07	2.64E-08	2.60E-04	2.22E-04	6.2E-06	1.4E-07	2.7E-08	0.0002
3910	483863.09, 3853377.25	0.0994	0.06643	0.05434	0.06338	0.02881	1.87E-04	5.8E-06	1.3E-07	3.2E-08	1.93E-04	2.29E-04	7.14E-06	1.24E-07	1.80E-08	2.36E-04	2.02E-04	5.5E-06	1.2E-07	1.9E-08	0.0002
3911	484363.09, 3853377.25	0.09371	0.05919	0.04986	0.06078	0.02469	1.76E-04	5.2E-06	1.2E-07	2.8E-08	1.81E-04	2.16E-04	6.36E-06	1.19E-07	1.54E-08	2.22E-04	1.90E-04	4.9E-06	1.2E-07	1.6E-08	0.0002
3912	484863.09, 3853377.25	0.07145	0.04634	0.03965	0.04698	0.01741	1.34E-04	4.1E-06	9.3E-08	1.9E-08	1.38E-04	1.65E-04	4.98E-06	9.20E-08	1.09E-08	1.70E-04	1.45E-04	3.8E-06	8.9E-08	1.1E-08	0.0001
3913	485363.09, 3853377.25	0.04451	0.02869	0.02368	0.0264	0.01149	8.36E-05	2.5E-06	5.2E-08	1.3E-08	8.62E-05	1.02E-04	3.08E-06	5.17E-08	7.19E-09	1.06E-04	9.04E-05	2.4E-06	5E-08	7.4E-09	9E-05
3914	485863.09, 3853377.25	0.03258	0.02466	0.01673	0.01731	0.00876	6.12E-05	2.2E-06	3.4E-08	9.8E-09	6.34E-05	7.50E-05	2.65E-06	3.39E-08	5.48E-09	7.77E-05	6.61E-05	2E-06	3.3E-08	5.7E-09	7E-05
3915	486363.09, 3853377.25	0.0348	0.03022	0.01894	0.01853	0.00883	6.54E-05	2.7E-06	3.7E-08	9.9E-09	6.81E-05	8.01E-05	3.25E-06	3.63E-08	5.52E-09	8.34E-05	7.07E-05	2.5E-06	3.5E-08	5.7E-09	7E-05
3916	486863.09, 3853377.25	0.03685	0.03834	0.02157	0.02006	0.00919	6.92E-05	3.4E-06	4E-08	1E-08	7.27E-05	8.49E-05	4.12E-06	3.93E-08	5.75E-09	8.90E-05	7.48E-05	3.2E-06	3.8E-08	5.9E-09	8E-05
3917	487363.09, 3853377.25	0.04125	0.04851	0.02611	0.02466	0.01018	7.75E-05	4.3E-06	4.9E-08	1.1E-08	8.18E-05	9.50E-05	5.21E-06	4.83E-08	6.37E-09	1.00E-04	8.38E-05	4E-06	4.7E-08	6.6E-09	9E-05
3918	487863.09, 3853377.25	0.04454	0.0541	0.03041	0.02916	0.01174	8.37E-05	4.7E-06	5.8E-08	1.3E-08	8.85E-05	1.03E-04	5.82E-06	5.71E-08	7.34E-09	1.08E-04	9.04E-05	4.5E-06	5.5E-08	7.6E-09	9E-05
3919	488363.09, 3853377.25	0.04861	0.06055	0.0355	0.0348	0.0141	9.13E-05	5.3E-06	6.9E-08	1.6E-08	9.67E-05	1.12E-04	6.51E-06	6.82E-08	8.82E-09	1.19E-04	9.87E-05	5E-06	6.6E-08	9.1E-09	0.0001
3920	488863.09, 3853377.25	0.04983	0.06032	0.03836	0.03851	0.01622	9.36E-05	5.3E-06	7.6E-08	1.8E-08	9.90E-05	1.15E-04	6.48E-06	7.54E-08	1.01E-08	1.21E-04	1.01E-04	5E-06	7.3E-08	1E-08	0.0001
3921	489363.09, 3853377.25	0.05043	0.05973	0.04059	0.04126	0.01847	9.48E-05	5.2E-06	8.2E-08	2.1E-08	1.00E-04	1.16E-04	6.42E-06	8.08E-08	1.16E-08	1.23E-04	1.02E-04	4.9E-06	7.8E-08	1.2E-08	0.0001
3922	489863.09, 3853377.25	0.04928	0.05729	0.04127	0.04229	0.0201	9.26E-05	5E-06	8.4E-08	2.2E-08	9.77E-05	1.13E-04	6.16E-06	8.28E-08	1.26E-08	1.20E-04	1.00E-04	4.7E-06	8E-08	1.3E-08	0.0001
3923	490363.09, 3853377.25	0.05256	0.0602	0.04574	0.0469	0.02305	9.88E-05	5.3E-06	9.3E-08	2.6E-08	1.04E-04	1.21E-04	6.47E-06	9.19E-08	1.44E-08	1.28E-04	1.07E-04	5E-06	8.9E-08	1.5E-08	0.0001
3924	490863.09, 3853377.25	0.05444	0.0603	0.04881	0.05067	0.0255	1.02E-04	5.3E-06	1E-07	2.8E-08	1.08E-04	1.25E-04	6.48E-06	9.93E-08	1.59E-08	1.32E-04	1.11E-04	5E-06	9.6E-08	1.6E-08	0.0001
3925	491363.09, 3853377.25	0.05594	0.05953	0.05138	0.05374	0.02786	1.05E-04	5.2E-06	1.1E-07	3.1E-08	1.10E-04	1.29E-04	6.40E-06	1.05E-07	1.74E-08	1.35E-04	1.14E-04	4.9E-06	1E-07	1.8E-08	0.0001
3926	491863.09, 3853377.25	0.05676	0.05824	0.05315	0.05573	0.02991	1.07E-04	5.1E-06	1.1E-07	3.3E-08	1.12E-04	1.31E-04	6.26E-06	1.09E-07	1.87E-08	1.37E-04	1.15E-04	4.8E-06	1.1E-07	1.9E-08	0.0001
3927	492363.09, 3853377.25	0.05895	0.05892	0.05631	0.05916	0.03248	1.11E-04	5.2E-06	1.2E-07	3.6E-08	1.16E-04	1.36E-04	6.33E-06	1.16E-07	2.03E-08	1.42E-04	1.20E-04	4.9E-06	1.1E-07	2.1E-08	0.0001
3928	492863.09, 3853377.25	0.06064	0.06056	0.05906	0.06207	0.03492	1.14E-04	5.3E-06	1.2E-07	3.9E-08	1.19E-04	1.40E-04	6.51E-06	1.22E-07	2.18E-08	1.46E-04	1.23E-04	5E-06	1.2E-07	2.3E-08	0.0001
3929	493363.09, 3853377.25	0.05979	0.06044	0.05918	0.06167	0.03607	1.12E-04	5.3E-06	1.2E-07	4E-08	1.18E-04	1.38E-04	6.50E-06	1.21E-07	2.26E-08	1.44E-04	1.21E-04	5E-06	1.2E-07	2.3E-08	0.0001
3930	493863.09, 3853377.25	0.05837	0.05898	0.05859	0.06072	0.03665	1.10E-04	5.2E-06	1.2E-07	4.1E-08	1.15E-04	1.34E-04	6.34E-06	1.19E-07	2.29E-08	1.41E-04	1.19E-04	4.9E-06	1.2E-07	2.4E-08	0.0001
3931	494363.09, 3853377.25	0.05529	0.05518	0.05602	0.05794	0.036	1.04E-04	4.8E-06	1.2E-07	4E-08	1.09E-04	1.27E-04	5.93E-06	1.13E-07	2.25E-08	1.33E-04	1.12E-04	4.6E-06	1.1E-07	2.3E-08	0.0001
3932	494863.09, 3853377.25	0.05158	0.05136	0.05261	0.05437	0.03477	9.69E-05	4.5E-06	1.1E-07	3.9E-08	1.02E-04	1.19E-04	5.52E-06	1.07E-07	2.17E-08	1.24E-04	1.05E-04	4.2E-06	1E-07	2.2E-08	0.0001
3933	495363.09, 3853377.25	0.04941	0.04945	0.05074	0.05232	0.03433	9.29E-05	4.3E-06	1E-07	3.8E-08	9.73E-05	1.14E-04	5.32E-06	1.02E-07	2.15E-08	1.19E-04	1.00E-04	4.1E-06	1E-07	2.2E-08	0.0001
3934	495863.09, 3853377.25	0.04637	0.04663	0.04786	0.04921	0.03313	8.71E-05	4.1E-06	9.8E-08	3.7E-08	9.14E-05	1.07E-04	5.01E-06	9.64E-08	2.07E-08	1.12E-04	9.41E-05	3.9E-06	9.4E-08	2.1E-08	1E-04
3935	496363.09, 3853377.25	0.04243	0.04271	0.04397	0.04506	0.03118	7.97E-05	3.7E-06	8.9E-08	3.5E-08	8.36E-05	9.77E-05	4.59E-06	8.83E-08	1.95E-08	1.02E-04	8.61E-05	3.5E-06	8.6E-08	2E-08	9E-05
3936	496863.09, 3853377.25	0.0371	0.03728	0.03855	0.03949	0.02829	6.97E-05	3.3E-06	7.8E-08	3.2E-08	7.31E-05	8.54E-05	4.01E-06	7.74E-08	1.77E-08	8.95E-05	7.53E-05	3.1E-06	7.5E-08	1.8E-08	8E-05
3937	497363.09, 3853377.25	0.03084	0.0308	0.0321	0.03278	0.02474	5.80E-05	2.7E-06	6.5E-08	2.8E-08	6.07E-05	7.10E-05	3.31E-06	6.42E-08	1.55E-08	7.44E-05	6.26E-05	2.5E-06	6.2E-08	1.6E-08	7E-05
3938	497863.09, 3853377.25	0.02087	0.02078	0.02177	0.02213	0.01843	3.92E-05	1.8E-06	4.4E-08	2.1E-08	4.11E-05	4.81E-05	2.23E-06	4.34E-08	1.15E-08	5.03E-05	4.24E-05	1.7E-06	4.2E-08	1.2E-08	4E-05
3939	498363.09, 3853377.25	0.01653	0.0165	0.01731	0.01743	0.01531	3.11E-05	1.4E-06	3.5E-08	1.7E-08	3.26E-05	3.81E-05	1.77E-06	3.41E-08	9.58E-09	3.99E-05	3.36E-05	1.4E-06	3.3E-08	9.9E-09	3E-05
3940	471363.09, 3853877.25	0.00802	0.00841	0.00844	0.00833	0.00572	1.51E-05	7.4E-07	1.7E-08	6.4E-09	1.58E-05	1.85E-05	9.04E-07	1.63E-08	3.58E-09	1.94E-05	1.63E-05	7E-07	1.6E-08	3.7E-09	2E-05
3941	471863.09, 3853877.25	0.00884	0.00914	0.00924	0.00922	0.00626	1.66E-05	8E-07	1.8E-08	7E-09	1.74E-05	2.04E-05	9.83E-07	1.81E-08	3.92E-09	2.14E-05	1.79E-05	7.6E-07	1.8E-08	4E-09	2E-05
3942	472363.09, 3853877.25	0.00941	0.00953	0.00979	0.00986	0.00656	1.77E-05	8.4E-07	2E-08	7.3E-09	1.85E-05	2.17E-05	1.02E-06	1.93E-08	4.10E-09	2.27E-05	1.91E-05	7.9E-07	1.9E-08	4.2E-09	2E-05
3943	472863.09, 3853877.25	0.01017	0.01009	0.0105	0.01065	0.007	1.91E-05	8.9E-07	2.1E-08	7.8E-09	2.00E-05	2.34E-05	1.08E-06	2.09E-08	4.38E-09	2.45E-05	2.06E-05	8.3E-07	2E-08	4.5E-09	2E-05
3944	473363.09, 3853877.25	0.01073	0.01048	0.01103	0.01124	0.00725	2.02E-05	9.2E-07	2.2E-08	8.1E-09	2.11E-05	2.47E-05	1.13E-06	2.20E-08	4.53E-09	2.59E-05	2.18E-05	8.7E-07	2.1E-08	4.7E-09	2E-05
3945	473863.09, 3853877.25	0.01136	0.01096	0.01162	0.01187	0.00755	2.13E-05	9.6E-07	2.4E-08	8.4E-09	2.23E-05	2.62E-05	1.18E-06	2.33E-08	4.72E-09	2.74E-05	2.31E-05	9.1E-07	2.3E-08	4.9E-09	2E-05
3946	474363.09, 3853877.25	0.0122	0.01172	0.01242	0.01267	0.00801	2.29E-05	1E-06	2.5E-08	8.9E-09	2.40E-05	2.81E-05	1.26E-06	2.48E-08	5.01E-09	2.94E-05	2.48E-05	9.7E-07	2.4E-08	5.2E-09	3E-05
3947	474863.09, 3853877.25	0.01296	0.01254	0.01317	0.01335	0.00841	2.44E-05	1.1E-06	2.6E-08	9.4E-09	2.55E-05	2.98E-05	1.35E-06	2.62E-08	5.26E-09	3.12E-05	2.63E-05	1E-06	2.5E-08	5.4E-09	3E-05
3948	475363.09, 3853877.25	0.01289	0.01276	0.01318	0.01324	0.00818	2.42E-05	1.1E-06	2.6E-08	9.1E-09	2.54E-05	2.97E-05	1.37E-06	2.59E-08	5.12E-09	3.11E-05	2.62E-05	1.1E-06	2.5E-08	5.3E-09	3E-05
3949	475863.09, 3853877.25	0.01138	0.01159	0.01172	0.01171	0.00729	2.14E-05	1E-06	2.3E-08	8.1E-09	2.24E-05	2.62E-05	1.25E-06	2.29E-08	4.56E-09	2.75E-05	2.31E-05	9.6E-07	2.2E-08	4.7E-09	2E-05
3950	476363.09, 3853877.25	0.00966	0.01008	0.01001	0.00995	0.00653	1.82E-05	8.8E-07	2E-08	7.3E-09	1.91E-05	2.22E-05	1.08E-06	1.95E-08	4.08E-09	2.34E-05	1.96E-05	8.3E-07	1.9E-08	4.2E-09	2E-05
3951	476863.09, 3853877.25	0.00761	0.00808	0.00792	0.0079	0.00568	1.43E-05	7.1E-07	1.6E-08	6.3E-09	1.50E-05	1.75E-05	8.69E-07	1.55E-08	3.55E-09	1.84E-05	1.55E-05	6.7E-07	1.5E-08	3.7E-09	2E-05
3952	477363.09, 3853877.25	0.00846	0.00899	0.00873	0.00881	0.00609	1.59E-05	7.9E-07	1.7E-08	6.8E-09	1.67E-05	1.95E-05	9.66E-07	1.73E-08	3.81E-09	2.05E-05	1.72E-05	7.4E-07	1.7E-08	3.9E-09	2E-05
3953	477863.09, 3853877.25	0.00996	0.01043	0.01011	0.01028	0.00672	1.87E-05	9.1E-07	2E-08	7.5E-09	1.97E-05	2.29E-05	1.12E-06	2.01E-08	4.20E-09	2.41E-05	2.02E-05	8.6E-07	2E-08	4.3E-09	2E-05
3954	478363.09, 3853877.25	0.0107	0.01096	0.01067	0.01096	0.00701	2.01E-05	9.6E-07	2.2E-08	7.8E-09	2.11E-05	2.46E-05	1.18E-06	2.15E-08	4.38E-09	2.58E-05	2.17E-05	9.1E-07	2.1E-08	4.5E-09	2E-05
3955	478863.09, 3853877.25	0.00754	0.00771	0.00754	0.00757	0.0057	1.42E-05	6.8E-07	1.5E-08	6.4E-09	1.49E-05	1.74E-05	8.29E-07	1.48E-08	3.57E-09	1.82E-05	1.53E-05	6.4E-07	1.4E-08	3.7E-09	2E-05
3956	479363.09, 3853877.25	0.01063	0.01061	0.01027	0.01048	0.00705	2.00E-05	9.3E-07	2.1E-08	7.9E-09	2.09E-05	2.45E-05	1.14E-06	2.05E-08	4.41E-09	2.56E-05	2.16E-05	8.8E-07	2E-08	4.6E-09	2E-05
3957	479863.09, 3853877.25	0.02148	0.02148	0.01962	0.02034	0.01085	4.04E-05	1.9E-06	4E-08	1.2E-08	4.23E-05	4.95E-05	2.31E-06	3.98E-08	6.79E-09	5.18E-05	4.36E-05	1.8E-06	3.9E-08	7E-09	5E-05
3958	480363.09, 3853877.25	0.03271	0.03432	0.02888	0.02984	0.01488	6.15E-05	3E-06	5.9E-08	1.7E-08	6.46E-05	7.53E-05	3.69E-06	5.85E-08	9.31E-09	7.91E-05	6.64E-05	2.8E-06	5.7E-08	9.6E-09	7E-05
3959	480863.09, 3853877.25	0.05097	0.05355	0.04132	0.04206	0.02381	9.58E-05	4.7E-06	8.3E-08	2.7E-08	1.01E-04	1.17E-04	5.76E-06	8.24E-08	1.49E-08	1.23E-04	1.03E-04	4.4E-06	8E-08	1.5E-08	0.0001
3960	481363.09, 3853877.25	0.06708	0.06135	0.04849	0.05089	0.03146	1.26E-04	5.4E-06	1E-07	3.5E-08	1.32E-04	1.54E-04	6.60E-06	9.97E-08	1.97E-08	1.61E-04	1.36E-04	5.1E-06	9.7E-08	2E-08	0.0001
3961	481863.09, 3853877.25	0.08554	0.0653	0.0527	0.05665	0.04259	1.61E-04	5.7E-06	1.1E-07	4.8E-08	1.67E-04	1.97E-04	7.02E-06	1.11E-07	2.66E-08	2.04E-04	1.74E-04	5.4E-06	1.1E-07	2.8E-08	0.0002
3962	482363.09, 3853877.25	0.13093	0.07971	0.05996	0.06484	0.04672	2.46E-04	7E-06	1.3E-07	5.2E-08	2.53E-04	3.02E-04	8.57E-06	1.27E-07	2.92E-08	3.10E-04	2.66E-04	6.6E-06	1.2E-07	3E-08	0.0003
3963	482863.09, 3853877.25	0.64347	0.09631	0.06809	0.07266	0.0445	1.21E-03	8.4E-06	1.4E-07	5E-08	1.22E-03	1.48E-03	1.04E-05	1.42E-07	2.78E-08	1.49E-03	1.31E-03	8E-06	1.4E-07	2.9E-08	0.0013
3964	483363.09, 3853877.25	0.38052	0.134	0.09327	0.09776	0.05051	7.15E-04	1.2E-05	1.9E-07	5.6E-08	7.27E-04	8.76E-04	1.44E-05	1.92E-07	3.16E-08	8.91E-04	7.73E-04	1.1E-05	1.9E-07	3.3E-08	0.0008

3965	483863.09, 3853877.25	0.2487	0.12207	0.09367	0.10612	0.05175	4.67E-04	1.1E-05	2.1E-07	5.8E-08	4.78E-04	5.73E-04	1.31E-05	2.08E-07	3.24E-08	5.86E-04	5.05E-04	1E-05	2E-07	3.3E-08	0.0005
3966	484363.09, 3853877.25	0.16715	0.09801	0.07452	0.08844	0.03058	3.14E-04	8.6E-06	1.8E-07	3.4E-08	3.23E-04	3.85E-04	1.05E-05	1.73E-07	1.91E-08	3.96E-04	3.39E-04	8.1E-06	1.7E-07	2E-08	0.0003
3967	484863.09, 3853877.25	0.10573	0.06209	0.04896	0.05633	0.02011	1.99E-04	5.4E-06	1.1E-07	2.2E-08	2.04E-04	2.43E-04	6.67E-06	1.10E-07	1.26E-08	2.50E-04	2.15E-04	5.1E-06	1.1E-07	1.3E-08	0.0002
3968	485363.09, 3853877.25	0.06317	0.04602	0.02888	0.0289	0.01351	1.19E-04	4E-06	5.7E-08	1.5E-08	1.23E-04	1.45E-04	4.95E-06	5.66E-08	8.45E-09	1.50E-04	1.28E-04	3.8E-06	5.5E-08	8.7E-09	0.0001
3969	485863.09, 3853877.25	0.07226	0.06726	0.0365	0.03481	0.01351	1.36E-04	5.9E-06	6.9E-08	1.5E-08	1.42E-04	1.66E-04	7.23E-06	6.82E-08	8.45E-09	1.74E-04	1.47E-04	5.6E-06	6.6E-08	8.7E-09	0.0002
3970	486363.09, 3853877.25	0.07313	0.08772	0.04194	0.03794	0.01379	1.37E-04	7.7E-06	7.5E-08	1.5E-08	1.45E-04	1.68E-04	9.43E-06	7.43E-08	8.62E-09	1.78E-04	1.48E-04	7.3E-06	7.2E-08	8.9E-09	0.0002
3971	486863.09, 3853877.25	0.07155	0.095	0.04554	0.04155	0.01467	1.34E-04	8.3E-06	8.2E-08	1.6E-08	1.43E-04	1.65E-04	1.02E-05	8.14E-08	9.18E-09	1.75E-04	1.45E-04	7.9E-06	7.9E-08	9.5E-09	0.0002
3972	487363.09, 3853877.25	0.07688	0.10424	0.0534	0.05077	0.01794	1.44E-04	9.1E-06	1E-07	2E-08	1.54E-04	1.77E-04	1.12E-05	9.95E-08	1.12E-08	1.88E-04	1.56E-04	8.6E-06	9.7E-08	1.2E-08	0.0002
3973	487863.09, 3853877.25	0.08787	0.11577	0.0659	0.06498	0.02318	1.65E-04	1E-05	1.3E-07	2.6E-08	1.75E-04	2.02E-04	1.24E-05	1.27E-07	1.45E-08	2.15E-04	1.78E-04	9.6E-06	1.2E-07	1.5E-08	0.0002
3974	488363.09, 3853877.25	0.09097	0.11702	0.07263	0.07311	0.02777	1.71E-04	1E-05	1.5E-07	3.1E-08	1.81E-04	2.09E-04	1.26E-05	1.43E-07	1.74E-08	2.22E-04	1.85E-04	9.7E-06	1.4E-07	1.8E-08	0.0002
3975	488863.09, 3853877.25	0.09597	0.11765	0.08097	0.08282	0.03315	1.80E-04	1E-05	1.6E-07	3.7E-08	1.91E-04	2.21E-04	1.26E-05	1.62E-07	2.07E-08	2.34E-04	1.95E-04	9.7E-06	1.6E-07	2.1E-08	0.0002
3976	489363.09, 3853877.25	0.08939	0.10453	0.07791	0.08066	0.035	1.68E-04	9.2E-06	1.6E-07	3.9E-08	1.77E-04	2.06E-04	1.12E-05	1.58E-07	2.19E-08	2.17E-04	1.81E-04	8.6E-06	1.5E-07	2.3E-08	0.0002
3977	489863.09, 3853877.25	0.08943	0.10121	0.08076	0.08397	0.03856	1.68E-04	8.9E-06	1.7E-07	4.3E-08	1.77E-04	2.06E-04	1.09E-05	1.64E-07	2.41E-08	2.17E-04	1.82E-04	8.4E-06	1.6E-07	2.5E-08	0.0002
3978	490363.09, 3853877.25	0.08632	0.09365	0.07995	0.08356	0.04058	1.62E-04	8.2E-06	1.7E-07	4.5E-08	1.71E-04	1.99E-04	1.01E-05	1.64E-07	2.54E-08	2.09E-04	1.75E-04	7.7E-06	1.6E-07	2.6E-08	0.0002
3979	490863.09, 3853877.25	0.08511	0.08835	0.08058	0.0847	0.04302	1.60E-04	7.8E-06	1.7E-07	4.8E-08	1.68E-04	1.96E-04	9.50E-06	1.66E-07	2.69E-08	2.06E-04	1.73E-04	7.3E-06	1.6E-07	2.8E-08	0.0002
3980	491363.09, 3853877.25	0.08419	0.08433	0.08118	0.08582	0.0452	1.58E-04	7.4E-06	1.7E-07	5.1E-08	1.66E-04	1.94E-04	9.07E-06	1.68E-07	2.83E-08	2.03E-04	1.71E-04	7E-06	1.6E-07	2.9E-08	0.0002
3981	491863.09, 3853877.25	0.08283	0.08136	0.08122	0.08604	0.04685	1.56E-04	7.1E-06	1.7E-07	5.2E-08	1.63E-04	1.91E-04	8.75E-06	1.69E-07	2.93E-08	2.00E-04	1.68E-04	6.7E-06	1.6E-07	3E-08	0.0002
3982	492363.09, 3853877.25	0.08375	0.08278	0.0837	0.08825	0.04995	1.57E-04	7.3E-06	1.8E-07	5.6E-08	1.65E-04	1.93E-04	8.90E-06	1.73E-07	3.12E-08	2.02E-04	1.70E-04	6.8E-06	1.7E-07	3.2E-08	0.0002
3983	492863.09, 3853877.25	0.08258	0.08193	0.08384	0.08776	0.05171	1.55E-04	7.2E-06	1.7E-07	5.8E-08	1.63E-04	1.90E-04	8.81E-06	1.72E-07	3.23E-08	1.99E-04	1.68E-04	6.8E-06	1.7E-07	3.3E-08	0.0002
3984	493363.09, 3853877.25	0.07896	0.07722	0.08108	0.08448	0.05145	1.48E-04	6.8E-06	1.7E-07	5.7E-08	1.55E-04	1.82E-04	8.30E-06	1.65E-07	3.22E-08	1.90E-04	1.60E-04	6.4E-06	1.6E-07	3.3E-08	0.0002
3985	493863.09, 3853877.25	0.07444	0.07238	0.07704	0.08002	0.05021	1.40E-04	6.3E-06	1.6E-07	5.6E-08	1.46E-04	1.71E-04	7.78E-06	1.57E-07	3.14E-08	1.79E-04	1.51E-04	6E-06	1.5E-07	3.2E-08	0.0002
3986	494363.09, 3853877.25	0.07069	0.06931	0.07361	0.07618	0.04918	1.33E-04	6.1E-06	1.5E-07	5.5E-08	1.39E-04	1.63E-04	7.45E-06	1.49E-07	3.08E-08	1.70E-04	1.44E-04	5.7E-06	1.4E-07	3.2E-08	0.0001
3987	494863.09, 3853877.25	0.06567	0.06484	0.06881	0.07083	0.0468	1.23E-04	5.7E-06	1.4E-07	5.2E-08	1.29E-04	1.51E-04	6.97E-06	1.39E-07	2.93E-08	1.58E-04	1.33E-04	5.4E-06	1.3E-07	3E-08	0.0001
3988	495363.09, 3853877.25	0.05665	0.0561	0.05927	0.061	0.04136	1.06E-04	4.9E-06	1.2E-07	4.6E-08	1.12E-04	1.30E-04	6.03E-06	1.19E-07	2.59E-08	1.37E-04	1.15E-04	4.6E-06	1.2E-07	2.7E-08	0.0001
3989	495863.09, 3853877.25	0.04961	0.0492	0.05194	0.05327	0.03733	9.32E-05	4.3E-06	1.1E-07	4.2E-08	9.77E-05	1.14E-04	5.29E-06	1.04E-07	2.33E-08	1.20E-04	1.01E-04	4.1E-06	1E-07	2.4E-08	0.0001
3990	496363.09, 3853877.25	0.04502	0.04465	0.04725	0.04828	0.03476	8.46E-05	3.9E-06	9.6E-08	3.9E-08	8.87E-05	1.04E-04	4.80E-06	9.46E-08	2.17E-08	1.09E-04	9.14E-05	3.7E-06	9.2E-08	2.2E-08	1E-04
3991	496863.09, 3853877.25	0.03781	0.03754	0.03969	0.0406	0.03047	7.11E-05	3.3E-06	8.1E-08	3.4E-08	7.45E-05	8.71E-05	4.04E-06	7.95E-08	1.91E-08	9.12E-05	7.68E-05	3.1E-06	7.7E-08	2E-08	8E-05
3992	497363.09, 3853877.25	0.03217	0.03208	0.0338	0.03444	0.027	6.05E-05	2.8E-06	6.8E-08	3E-08	6.34E-05	7.41E-05	3.45E-06	6.75E-08	1.69E-08	7.76E-05	6.53E-05	2.7E-06	6.6E-08	1.7E-08	7E-05
3993	497863.09, 3853877.25	0.02531	0.02531	0.02661	0.02698	0.02248	4.76E-05	2.2E-06	5.4E-08	2.5E-08	4.99E-05	5.83E-05	2.72E-06	5.29E-08	1.41E-08	6.11E-05	5.14E-05	2.1E-06	5.1E-08	1.5E-08	5E-05
3994	498363.09, 3853877.25	0.02149	0.02159	0.02264	0.02283	0.0197	4.04E-05	1.9E-06	4.5E-08	2.2E-08	4.23E-05	4.95E-05	2.32E-06	4.47E-08	1.23E-08	5.19E-05	4.36E-05	1.8E-06	4.3E-08	1.3E-08	5E-05
3995	471363.09, 3854377.25	0.00822	0.00892	0.00849	0.00821	0.00578	1.54E-05	7.8E-07	1.6E-08	6.5E-09	1.63E-05	1.89E-05	9.59E-07	1.61E-08	3.62E-09	1.99E-05	1.67E-05	7.4E-07	1.6E-08	3.7E-09	2E-05
3996	471863.09, 3854377.25	0.00901	0.00987	0.00931	0.009	0.00633	1.69E-05	8.7E-07	1.8E-08	7.1E-09	1.78E-05	2.07E-05	1.06E-06	1.76E-08	3.96E-09	2.18E-05	1.83E-05	8.2E-07	1.7E-08	4.1E-09	2E-05
3997	472363.09, 3854377.25	0.00964	0.01062	0.00997	0.00968	0.00672	1.81E-05	9.3E-07	1.9E-08	7.5E-09	1.91E-05	2.22E-05	1.14E-06	1.90E-08	4.20E-09	2.34E-05	1.96E-05	8.8E-07	1.8E-08	4.3E-09	2E-05
3998	472863.09, 3854377.25	0.01018	0.01121	0.01054	0.01029	0.007	1.91E-05	9.8E-07	2E-08	7.8E-09	2.01E-05	2.34E-05	1.21E-06	2.02E-08	4.38E-09	2.47E-05	2.07E-05	9.3E-07	2E-08	4.5E-09	2E-05
3999	473363.09, 3854377.25	0.01092	0.0119	0.01128	0.01111	0.00742	2.05E-05	1E-06	2.2E-08	8.3E-09	2.16E-05	2.51E-05	1.28E-06	2.18E-08	4.64E-09	2.65E-05	2.22E-05	9.8E-07	2.1E-08	4.8E-09	2E-05
4000	473863.09, 3854377.25	0.01184	0.01265	0.01217	0.0121	0.00795	2.22E-05	1.1E-06	2.4E-08	8.9E-09	2.34E-05	2.73E-05	1.36E-06	2.37E-08	4.97E-09	2.87E-05	2.40E-05	1E-06	2.3E-08	5.1E-09	3E-05
4001	474363.09, 3854377.25	0.01278	0.01333	0.01312	0.01311	0.00845	2.40E-05	1.2E-06	2.6E-08	9.4E-09	2.52E-05	2.94E-05	1.43E-06	2.57E-08	5.28E-09	3.09E-05	2.59E-05	1.1E-06	2.5E-08	5.5E-09	3E-05
4002	474863.09, 3854377.25	0.01272	0.0129	0.01297	0.01314	0.00811	2.39E-05	1.1E-06	2.6E-08	9.1E-09	2.51E-05	2.93E-05	1.39E-06	2.57E-08	5.07E-09	3.07E-05	2.58E-05	1.1E-06	2.5E-08	5.2E-09	3E-05
4003	475363.09, 3854377.25	0.01145	0.01135	0.01174	0.01198	0.00718	2.15E-05	1E-06	2.4E-08	8E-09	2.25E-05	2.64E-05	1.22E-06	2.35E-08	4.49E-09	2.76E-05	2.32E-05	9.4E-07	2.3E-08	4.6E-09	2E-05
4004	475863.09, 3854377.25	0.00801	0.00793	0.00821	0.00837	0.00564	1.51E-05	7E-07	1.7E-08	6.3E-09	1.58E-05	1.84E-05	8.52E-07	1.64E-08	3.53E-09	1.93E-05	1.63E-05	6.6E-07	1.6E-08	3.6E-09	2E-05
4005	476363.09, 3854377.25	0.00722	0.0072	0.00743	0.00748	0.00542	1.36E-05	6.3E-07	1.5E-08	6.1E-09	1.42E-05	1.66E-05	7.74E-07	1.47E-08	3.39E-09	1.74E-05	1.47E-05	6E-07	1.4E-08	3.5E-09	2E-05
4006	476863.09, 3854377.25	0.00701	0.00708	0.00726	0.00722	0.00544	1.32E-05	6.2E-07	1.4E-08	6.1E-09	1.38E-05	1.61E-05	7.61E-07	1.41E-08	3.40E-09	1.69E-05	1.42E-05	5.9E-07	1.4E-08	3.5E-09	1E-05
4007	477363.09, 3854377.25	0.00702	0.00721	0.0073	0.0072	0.00554	1.32E-05	6.3E-07	1.4E-08	6.2E-09	1.38E-05	1.62E-05	7.75E-07	1.41E-08	3.46E-09	1.70E-05	1.43E-05	6E-07	1.4E-08	3.6E-09	1E-05
4008	477863.09, 3854377.25	0.00726	0.00755	0.00754	0.00743	0.00576	1.36E-05	6.6E-07	1.5E-08	6.4E-09	1.43E-05	1.67E-05	8.12E-07	1.46E-08	3.60E-09	1.75E-05	1.47E-05	6.2E-07	1.4E-08	3.7E-09	2E-05
4009	478363.09, 3854377.25	0.00869	0.00907	0.00899	0.00895	0.00657	1.63E-05	8E-07	1.8E-08	7.3E-09	1.72E-05	2.00E-05	9.75E-07	1.75E-08	4.11E-09	2.10E-05	1.76E-05	7.5E-07	1.7E-08	4.2E-09	2E-05
4010	478863.09, 3854377.25	0.00967	0.01009	0.00992	0.00998	0.00708	1.82E-05	8.9E-07	2E-08	7.9E-09	1.91E-05	2.23E-05	1.08E-06	1.96E-08	4.43E-09	2.34E-05	1.96E-05	8.3E-07	1.9E-08	4.6E-09	2E-05
4011	479363.09, 3854377.25	0.01576	0.01573	0.01563	0.01627	0.00956	2.96E-05	1.4E-06	3.2E-08	1.1E-08	3.10E-05	3.63E-05	1.69E-06	3.19E-08	5.98E-09	3.80E-05	3.20E-05	1.3E-06	3.1E-08	6.2E-09	3E-05
4012	479863.09, 3854377.25	0.02153	0.02101	0.02078	0.02193	0.01153	4.05E-05	1.8E-06	4.4E-08	1.3E-08	4.24E-05	4.96E-05	2.26E-06	4.30E-08	7.21E-09	5.19E-05	4.37E-05	1.7E-06	4.2E-08	7.4E-09	5E-05
4013	480363.09, 3854377.25	0.03206	0.03216	0.02983	0.0315	0.01496	6.02E-05	2.8E-06	6.3E-08	1.7E-08	6.31E-05	7.38E-05	3.46E-06	6.17E-08	9.36E-09	7.74E-05	6.51E-05	2.7E-06	6E-08	9.7E-09	7E-05
4014	480863.09, 3854377.25	0.05108	0.05515	0.0451	0.04671	0.02202	9.60E-05	4.8E-06	9.3E-08	2.5E-08	1.01E-04	1.18E-04	5.93E-06	9.15E-08	1.38E-08	1.24E-04	1.04E-04	4.6E-06	8.9E-08	1.4E-08	0.0001
4015	481363.09, 3854377.25	0.07382	0.07955	0.05915	0.05969	0.0322	1.39E-04	7E-06	1.2E-07	3.6E-08	1.46E-04	1.70E-04	8.55E-06	1.17E-07	2.01E-08	1.79E-04	1.50E-04	6.6E-06	1.1E-07	2.1E-08	0.0002
4016	481863.09, 3854377.25	0.09937	0.09282	0.06662	0.06822	0.04978	1.87E-04	8.1E-06	1.4E-07	5.6E-08	1.95E-04	2.29E-04	9.98E-06	1.34E-07	3.11E-08	2.39E-04	2.02E-04	7.7E-06	1.3E-07	3.2E-08	0.0002
4017	482363.09, 3854377.25	0.14131	0.11363	0.07835	0.07985	0.0574	2.66E-04	1E-05	1.6E-07	6.4E-08	2.76E-04	3.25E-04	1.22E-05	1.56E-07	3.59E-08	3.38E-04	2.87E-04	9.4E-06	1.5E-07	3.7E-08	0.0003
4018	482863.09, 3854377.25	0.29939	0.15254	0.10036	0.10085	0.06513	5.63E-04	1.3E-05	2E-07	7.3E-08	5.76E-04	6.89E-04	1.64E-05	1.98E-07	4.07E-08	7.06E-04	6.08E-04	1.3E-05	1.9E-07	4.2E-08	0.0006
4019	483363.09, 3854377.25	0.87788	0.23684	0.135	0.12891	0.06261	1.65E-03	2.1E-05	2.6E-07	7E-08	1.67E-03	2.02E-03	2.55E-05	2.53E-07	3.92E-08	2.05E-03	1.78E-03	2E-05	2.5E-07	4E-08	0.0018
4020	483863.09, 3854377.25	0.43699	0.30573	0.17069	0.17308	0.0499	8.21E-04	2.7E-05	3.4E-07	5.6E-08	8.48E-04	1.01E-03	3.29E-05	3.39E-07	3.12E-08	1.04E-03	8.87E-04	2.5E-05	3.3E-07	3.2E-08	0.0009
4021	484363.09, 3854377.25	0.26139	0.16231	0.10924	0.12456	0.03765	4.91E-04	1.4E-05	2.5E-07	4.2E-08	5.06E-04	6.02E-04	1.74E-05	2.44E-07	2.35E-08	6.20E-04	5.31E-04	1.3E-05	2.4E-07	2.4E-08	0.0005
4022	484863.09, 3854377.25	0.1631	0.13324	0.07101	0.06255	0.02493	3.06E-04	1.2E-05	1.2E-07	2.8E-08	3.18E-04	3.76E-04	1.43E-05	1.23E-07	1.56E-08	3.90E-04	3.31E-04	1.1E-05	1.2E-07	1.6E-08	0.0003
4023	485363.09, 3854377.25	0.21163	0.26082	0.10928	0.09107	0.02546	3.98E-04	2.3E-05	1.8E-07	2.8E-08	4.21E-04	4.87E-04	2.80E-05	1.78E-07	1.59E-08	5.16E-04	4.30E-04	2.2E-05	1.7E-07	1.6E-08	0.0005
4024	485863.09, 3854377.25	0.16721	0.25526	0.10013	0.0865	0.02278	3.14E-04	2.2E-05	1.7E-07	2.5E-08	3.37E-04	3.85E-04	2.74E-05	1.69E-07	1.42E-08	4.13E-04	3.39E-04	2.1E-05	1.6E-07	1.5E-08	0.0004
4025	486363.09, 3854377.25	0.17475	0.27442	0.11848	0.1105	0.02839	3.28E-04	2.4E-05	2.2E-07	3.2E-08	3.53E-04	4.02E-04	2.95E-05	2.16E-07	1.78E-08	4.32E-04	3.55E-04	2.3E-05	2.1E-07	1.8E-08	0.0004
4026	486863.09, 3854377.25	0.15757	0.24066	0.11711	0.11398	0.03426	2.96E-04	2.1E-05	2.3E-07	3.8E-08	3.17E-04	3.63E-04	2.59E-05	2.23E-07	2.14E-08	3.89E-04	3.20E-04	2E-05	2.2E-07	2.2E-08	0.0003
4027	487363.09, 3854377.25	0.15813	0.22522	0.12602	0.12733	0.04232	2.97E-04	2E-05	2.5E-07	4.7E-08	3.17E-04	3.64E-04	2.42E-05	2.49E-07	2.65E-08	3.89E-04	3.21E-04	1.9E-05	2.4E-07	2.7E-08	0.0003
4028	487863.09, 3854377.25	0.16338	0.21551	0.13873	0.14323	0.05139	3.07E-04	1.9E-05	2.8E-07	5.7E-08	3.26E-04	3.76E-04	2.32E-05	2.81E-07	3.21E-08	4.00E-04	3.32E-04	1.8E-05	2.7E-07	3.3E-08	0.0003

4029	488363.09, 3854377.25	0.16085	0.1971	0.1436	0.1499	0.05858	3.02E-04	1.7E-05	3E-07	6.5E-08	3.20E-04	3.70E-04	2.12E-05	2.94E-07	3.66E-08	3.92E-04	3.27E-04	1.6E-05	2.9E-07	3.8E-08	0.0003
4030	488863.09, 3854377.25	0.15629	0.17855	0.1449	0.1525	0.06456	2.94E-04	1.6E-05	3E-07	7.2E-08	3.10E-04	3.60E-04	1.92E-05	2.99E-07	4.04E-08	3.79E-04	3.17E-04	1.5E-05	2.9E-07	4.2E-08	0.0003
4031	489363.09, 3854377.25	0.14952	0.16252	0.14265	0.15077	0.06846	2.81E-04	1.4E-05	3E-07	7.6E-08	2.96E-04	3.44E-04	1.75E-05	2.95E-07	4.28E-08	3.62E-04	3.04E-04	1.3E-05	2.9E-07	4.4E-08	0.0003
4032	489863.09, 3854377.25	0.1414	0.14644	0.13774	0.14609	0.07053	2.66E-04	1.3E-05	2.9E-07	7.9E-08	2.79E-04	3.26E-04	1.57E-05	2.86E-07	4.41E-08	3.42E-04	2.87E-04	1.2E-05	2.8E-07	4.6E-08	0.0003
4033	490363.09, 3854377.25	0.13243	0.13006	0.13097	0.13951	0.07083	2.49E-04	1.1E-05	2.8E-07	7.9E-08	2.61E-04	3.05E-04	1.40E-05	2.73E-07	4.43E-08	3.19E-04	2.69E-04	1.1E-05	2.7E-07	4.6E-08	0.0003
4034	490863.09, 3854377.25	0.10853	0.10302	0.10714	0.11569	0.06139	2.04E-04	9E-06	2.3E-07	6.9E-08	2.13E-04	2.50E-04	1.11E-05	2.27E-07	3.84E-08	2.61E-04	2.20E-04	8.5E-06	2.2E-07	4E-08	0.0002
4035	491363.09, 3854377.25	0.11386	0.10697	0.11503	0.1232	0.06771	2.14E-04	9.4E-06	2.4E-07	7.6E-08	2.24E-04	2.62E-04	1.15E-05	2.41E-07	4.23E-08	2.74E-04	2.31E-04	8.8E-06	2.3E-07	4.4E-08	0.0002
4036	491863.09, 3854377.25	0.11526	0.10986	0.11864	0.12586	0.07281	2.17E-04	9.6E-06	2.5E-07	8.1E-08	2.27E-04	2.65E-04	1.18E-05	2.47E-07	4.55E-08	2.78E-04	2.34E-04	9.1E-06	2.4E-07	4.7E-08	0.0002
4037	492363.09, 3854377.25	0.11213	0.10671	0.11704	0.12314	0.07469	2.11E-04	9.4E-06	2.4E-07	8.3E-08	2.20E-04	2.58E-04	1.15E-05	2.41E-07	4.67E-08	2.70E-04	2.28E-04	8.8E-06	2.3E-07	4.8E-08	0.0002
4038	492863.09, 3854377.25	0.1061	0.10081	0.11186	0.11691	0.07345	1.99E-04	8.8E-06	2.3E-07	8.2E-08	2.09E-04	2.44E-04	1.08E-05	2.29E-07	4.59E-08	2.55E-04	2.15E-04	8.3E-06	2.2E-07	4.7E-08	0.0002
4039	493363.09, 3854377.25	0.09877	0.09508	0.10473	0.10893	0.07024	1.86E-04	8.3E-06	2.2E-07	7.8E-08	1.94E-04	2.27E-04	1.02E-05	2.13E-07	4.39E-08	2.38E-04	2.01E-04	7.9E-06	2.1E-07	4.5E-08	0.0002
4040	493863.09, 3854377.25	0.09153	0.08927	0.09749	0.10094	0.06651	1.72E-04	7.8E-06	2E-07	7.4E-08	1.80E-04	2.11E-04	9.60E-06	1.98E-07	4.16E-08	2.21E-04	1.86E-04	7.4E-06	1.9E-07	4.3E-08	0.0002
4041	494363.09, 3854377.25	0.08492	0.08338	0.09084	0.0935	0.06284	1.60E-04	7.3E-06	1.9E-07	7E-08	1.67E-04	1.96E-04	8.96E-06	1.83E-07	3.93E-08	2.05E-04	1.72E-04	6.9E-06	1.8E-07	4.1E-08	0.0002
4042	494863.09, 3854377.25	0.06962	0.06825	0.07409	0.07634	0.0521	1.31E-04	6E-06	1.5E-07	5.8E-08	1.37E-04	1.60E-04	7.34E-06	1.50E-07	3.26E-08	1.68E-04	1.41E-04	5.6E-06	1.5E-07	3.4E-08	0.0001
4043	495363.09, 3854377.25	0.05488	0.0539	0.05815	0.05983	0.04279	1.03E-04	4.7E-06	1.2E-07	4.8E-08	1.08E-04	1.26E-04	5.79E-06	1.17E-07	2.68E-08	1.32E-04	1.11E-04	4.5E-06	1.1E-07	2.8E-08	0.0001
4044	495863.09, 3854377.25	0.0456	0.0451	0.0483	0.04968	0.03716	8.57E-05	4E-06	9.9E-08	4.2E-08	8.98E-05	1.05E-04	4.85E-06	9.73E-08	2.32E-08	1.10E-04	9.26E-05	3.7E-06	9.5E-08	2.4E-08	1E-04
4045	496363.09, 3854377.25	0.04105	0.04093	0.04356	0.04457	0.03432	7.71E-05	3.6E-06	8.8E-08	3.8E-08	8.09E-05	9.45E-05	4.40E-06	8.73E-08	2.15E-08	9.90E-05	8.33E-05	3.4E-06	8.5E-08	2.2E-08	9E-05
4046	496863.09, 3854377.25	0.03557	0.03568	0.03775	0.03846	0.03071	6.68E-05	3.1E-06	7.6E-08	3.4E-08	7.01E-05	8.19E-05	3.84E-06	7.53E-08	1.92E-08	8.58E-05	7.22E-05	3E-06	7.3E-08	2E-08	8E-05
4047	497363.09, 3854377.25	0.02798	0.02827	0.02969	0.03007	0.02547	5.26E-05	2.5E-06	6E-08	2.8E-08	5.51E-05	6.44E-05	3.04E-06	5.89E-08	1.59E-08	6.75E-05	5.68E-05	2.3E-06	5.7E-08	1.6E-08	6E-05
4048	497863.09, 3854377.25	0.0284	0.0289	0.0302	0.03045	0.0257	5.34E-05	2.5E-06	6E-08	2.9E-08	5.60E-05	6.54E-05	3.11E-06	5.96E-08	1.61E-08	6.86E-05	5.77E-05	2.4E-06	5.8E-08	1.7E-08	6E-05
4049	498363.09, 3854377.25	0.02437	0.02496	0.02591	0.026	0.02267	4.58E-05	2.2E-06	5.2E-08	2.5E-08	4.81E-05	5.61E-05	2.68E-06	5.09E-08	1.42E-08	5.89E-05	4.95E-05	2.1E-06	4.9E-08	1.5E-08	5E-05
4050	471363.09, 3854877.25	0.00842	0.00883	0.00862	0.00864	0.00584	1.58E-05	7.7E-07	1.7E-08	6.5E-09	1.66E-05	1.94E-05	9.49E-07	1.69E-08	3.65E-09	2.04E-05	1.71E-05	7.3E-07	1.6E-08	3.8E-09	2E-05
4051	471863.09, 3854877.25	0.00907	0.0095	0.00928	0.00928	0.00629	1.70E-05	8.3E-07	1.8E-08	7E-09	1.79E-05	2.09E-05	1.02E-06	1.82E-08	3.93E-09	2.19E-05	1.84E-05	7.9E-07	1.8E-08	4.1E-09	2E-05
4052	472363.09, 3854877.25	0.00968	0.01016	0.00992	0.00987	0.00668	1.82E-05	8.9E-07	2E-08	7.5E-09	1.91E-05	2.23E-05	1.09E-06	1.93E-08	4.18E-09	2.34E-05	1.97E-05	8.4E-07	1.9E-08	4.3E-09	2E-05
4053	472863.09, 3854877.25	0.01005	0.01064	0.01034	0.01025	0.00686	1.89E-05	9.3E-07	2E-08	7.7E-09	1.98E-05	2.31E-05	1.14E-06	2.01E-08	4.29E-09	2.43E-05	2.04E-05	8.8E-07	1.9E-08	4.4E-09	2E-05
4054	473363.09, 3854877.25	0.01099	0.01176	0.01132	0.01117	0.00749	2.07E-05	1E-06	2.2E-08	8.4E-09	2.17E-05	2.53E-05	1.26E-06	2.19E-08	4.68E-09	2.66E-05	2.23E-05	9.7E-07	2.1E-08	4.8E-09	2E-05
4055	473863.09, 3854877.25	0.01192	0.01293	0.0123	0.0121	0.00808	2.24E-05	1.1E-06	2.4E-08	9E-09	2.36E-05	2.74E-05	1.39E-06	2.37E-08	5.05E-09	2.89E-05	2.42E-05	1.1E-06	2.3E-08	5.2E-09	3E-05
4056	474363.09, 3854877.25	0.01312	0.01443	0.01356	0.01331	0.00888	2.47E-05	1.3E-06	2.6E-08	9.9E-09	2.60E-05	3.02E-05	1.55E-06	2.61E-08	5.55E-09	3.18E-05	2.66E-05	1.2E-06	2.5E-08	5.7E-09	3E-05
4057	474863.09, 3854877.25	0.01174	0.01304	0.01227	0.01218	0.00753	2.21E-05	1.1E-06	2.4E-08	8.4E-09	2.32E-05	2.70E-05	1.40E-06	2.39E-08	4.71E-09	2.85E-05	2.38E-05	1.1E-06	2.3E-08	4.9E-09	2E-05
4058	475363.09, 3854877.25	0.00948	0.01033	0.0099	0.00997	0.00625	1.78E-05	9.1E-07	2E-08	7E-09	1.87E-05	2.18E-05	1.11E-06	1.95E-08	3.91E-09	2.30E-05	1.92E-05	8.5E-07	1.9E-08	4E-09	2E-05
4059	475863.09, 3854877.25	0.00714	0.0076	0.00744	0.0075	0.00525	1.34E-05	6.7E-07	1.5E-08	5.9E-09	1.41E-05	1.64E-05	8.17E-07	1.47E-08	3.28E-09	1.73E-05	1.45E-05	6.3E-07	1.4E-08	3.4E-09	2E-05
4060	476363.09, 3854877.25	0.00457	0.00479	0.00483	0.00471	0.00408	8.59E-06	4.2E-07	9.3E-09	4.6E-09	9.02E-06	1.05E-05	5.15E-07	9.23E-09	2.55E-09	1.11E-05	9.28E-06	4E-07	9E-09	2.6E-09	1E-05
4061	476863.09, 3854877.25	0.00457	0.00478	0.00484	0.0047	0.00413	8.59E-06	4.2E-07	9.3E-09	4.6E-09	9.02E-06	1.05E-05	5.14E-07	9.21E-09	2.58E-09	1.10E-05	9.28E-06	4E-07	8.9E-09	2.7E-09	1E-05
4062	477363.09, 3854877.25	0.00565	0.00587	0.00592	0.00584	0.00484	1.06E-05	5.1E-07	1.2E-08	5.4E-09	1.11E-05	1.30E-05	6.31E-07	1.14E-08	3.03E-09	1.37E-05	1.15E-05	4.9E-07	1.1E-08	3.1E-09	1E-05
4063	477863.09, 3854877.25	0.00675	0.00694	0.007	0.00699	0.0055	1.27E-05	6.1E-07	1.4E-08	6.1E-09	1.33E-05	1.55E-05	7.46E-07	1.37E-08	3.44E-09	1.63E-05	1.37E-05	5.7E-07	1.3E-08	3.6E-09	1E-05
4064	478363.09, 3854877.25	0.00938	0.00961	0.00962	0.00973	0.00687	1.76E-05	8.4E-07	1.9E-08	7.7E-09	1.85E-05	2.16E-05	1.03E-06	1.91E-08	4.30E-09	2.27E-05	1.90E-05	7.9E-07	1.9E-08	4.4E-09	2E-05
4065	478863.09, 3854877.25	0.01397	0.01441	0.01417	0.01428	0.00894	2.63E-05	1.3E-06	2.8E-08	1E-08	2.76E-05	3.22E-05	1.55E-06	2.80E-08	5.59E-09	3.38E-05	2.84E-05	1.2E-06	2.7E-08	5.8E-09	3E-05
4066	479363.09, 3854877.25	0.02106	0.02202	0.02121	0.02158	0.01184	3.96E-05	1.9E-06	4.3E-08	1.3E-08	4.16E-05	4.85E-05	2.37E-06	4.23E-08	7.41E-09	5.09E-05	4.28E-05	1.8E-06	4.1E-08	7.6E-09	4E-05
4067	479863.09, 3854877.25	0.03089	0.0326	0.03066	0.03181	0.0157	5.80E-05	2.9E-06	6.3E-08	1.8E-08	6.10E-05	7.11E-05	3.50E-06	6.23E-08	9.82E-09	7.47E-05	6.27E-05	2.7E-06	6.1E-08	1E-08	7E-05
4068	480363.09, 3854877.25	0.04137	0.04313	0.03992	0.04187	0.01988	7.77E-05	3.8E-06	8.3E-08	2.2E-08	8.16E-05	9.53E-05	4.64E-06	8.20E-08	1.24E-08	1.00E-04	8.40E-05	3.6E-06	8E-08	1.3E-08	9E-05
4069	480863.09, 3854877.25	0.05958	0.06059	0.0544	0.05655	0.02837	1.12E-04	5.3E-06	1.1E-07	3.2E-08	1.17E-04	1.37E-04	6.51E-06	1.11E-07	1.77E-08	1.44E-04	1.21E-04	5E-06	1.1E-07	1.8E-08	0.0001
4070	481363.09, 3854877.25	0.07741	0.07807	0.06686	0.0689	0.0359	1.45E-04	6.8E-06	1.4E-07	4E-08	1.52E-04	1.78E-04	8.39E-06	1.35E-07	2.25E-08	1.87E-04	1.57E-04	6.5E-06	1.3E-07	2.3E-08	0.0002
4071	481863.09, 3854877.25	0.09124	0.09671	0.07742	0.07931	0.03542	1.71E-04	8.5E-06	1.6E-07	4E-08	1.80E-04	2.10E-04	1.04E-05	1.55E-07	2.22E-08	2.21E-04	1.85E-04	8E-06	1.5E-07	2.3E-08	0.0002
4072	482363.09, 3854877.25	0.13426	0.13196	0.09706	0.09839	0.07353	2.52E-04	1.2E-05	2E-07	8.2E-08	2.64E-04	3.09E-04	1.42E-05	1.93E-07	4.60E-08	3.24E-04	2.73E-04	1.1E-05	1.9E-07	4.7E-08	0.0003
4073	482863.09, 3854877.25	0.20083	0.21023	0.1342	0.13018	0.08792	3.77E-04	1.8E-05	2.6E-07	9.8E-08	3.96E-04	4.62E-04	2.26E-05	2.55E-07	5.50E-08	4.85E-04	4.08E-04	1.7E-05	2.5E-07	5.7E-08	0.0004
4074	483363.09, 3854877.25	0.34053	0.40965	0.21169	0.18491	0.10648	6.40E-04	3.6E-05	3.7E-07	1.2E-07	6.76E-04	7.84E-04	4.40E-05	3.62E-07	6.66E-08	8.29E-04	6.91E-04	3.4E-05	3.5E-07	6.9E-08	0.0007
4075	483863.09, 3854877.25	1.09844	2.06703	0.78073	0.33169	0.09768	2.06E-03	0.00018	6.6E-07	1.1E-07	2.25E-03	2.53E-03	2.22E-04	6.50E-07	6.11E-08	2.75E-03	2.23E-03	0.00017	6.3E-07	6.3E-08	0.0024
4076	484363.09, 3854877.25	4.27488	8.11078	2.4476	0.80107	0.08561	8.03E-03	0.00071	1.6E-06	9.6E-08	8.75E-03	9.84E-03	8.72E-04	1.57E-06	5.35E-08	1.07E-02	8.68E-03	0.00067	1.5E-06	5.5E-08	0.0094
4077	484863.09, 3854877.25	1.74401	3.3743	0.95191	0.99361	0.07988	3.28E-03	0.0003	2E-06	8.9E-08	3.58E-03	4.02E-03	3.63E-04	1.95E-06	5.00E-08	4.38E-03	3.54E-03	0.00028	1.9E-06	5.2E-08	0.0038
4078	485363.09, 3854877.25	0.84769	1.71145	0.61037	0.65694	0.07364	1.59E-03	0.00015	1.3E-06	8.2E-08	1.74E-03	1.95E-03	1.84E-04	1.29E-06	4.61E-08	2.14E-03	1.72E-03	0.00014	1.2E-06	4.8E-08	0.0019
4079	485863.09, 3854877.25	0.54809	0.96348	0.43845	0.47422	0.09217	1.03E-03	8.5E-05	9.4E-07	1E-07	1.12E-03	1.26E-03	1.04E-04	9.29E-07	5.76E-08	1.37E-03	1.11E-03	8E-05	9E-07	6E-08	0.0012
4080	486363.09, 3854877.25	0.40112	0.61371	0.34138	0.37101	0.1015	7.54E-04	5.4E-05	7.4E-07	1.1E-07	8.08E-04	9.24E-04	6.60E-05	7.27E-07	6.35E-08	9.90E-04	8.14E-04	5.1E-05	7.1E-07	6.6E-08	0.0009
4081	486863.09, 3854877.25	0.32291	0.44052	0.28872	0.31325	0.10517	6.07E-04	3.9E-05	6.2E-07	1.2E-07	6.46E-04	7.44E-04	4.74E-05	6.14E-07	6.58E-08	7.92E-04	6.56E-04	3.6E-05	6E-07	6.8E-08	0.0007
4082	487363.09, 3854877.25	0.29602	0.35888	0.27712	0.30077	0.11239	5.56E-04	3.1E-05	6E-07	1.3E-07	5.88E-04	6.82E-04	3.86E-05	5.89E-07	7.03E-08	7.21E-04	6.01E-04	3E-05	5.7E-07	7.3E-08	0.0006
4083	487863.09, 3854877.25	0.27354	0.30064	0.26497	0.28779	0.11746	5.14E-04	2.6E-05	5.7E-07	1.3E-07	5.41E-04	6.30E-04	3.23E-05	5.64E-07	7.35E-08	6.63E-04	5.55E-04	2.5E-05	5.5E-07	7.6E-08	0.0006
4084	488363.09, 3854877.25	0.25483	0.25613	0.25365	0.27546	0.12177	4.79E-04	2.2E-05	5.5E-07	1.4E-07	5.02E-04	5.87E-04	2.75E-05	5.40E-07	7.62E-08	6.15E-04	5.17E-04	2.1E-05	5.2E-07	7.9E-08	0.0005
4085	488863.09, 3854877.25	0.23955	0.22579	0.2432	0.26436	0.12693	4.50E-04	2E-05	5.2E-07	1.4E-07	4.71E-04	5.52E-04	2.43E-05	5.18E-07	7.94E-08	5.77E-04	4.86E-04	1.9E-05	5E-07	8.2E-08	0.0005
4086	489363.09, 3854877.25	0.2206	0.19981	0.22692	0.24656	0.12638	4.15E-04	1.8E-05	4.9E-07	1.4E-07	4.33E-04	5.08E-04	2.15E-05	4.83E-07	7.90E-08	5.30E-04	4.48E-04	1.7E-05	4.7E-07	8.2E-08	0.0005
4087	489863.09, 3854877.25	0.19738	0.17063	0.20452	0.22262	0.11777	3.71E-04	1.5E-05	4.4E-07	1.3E-07	3.86E-04	4.55E-04	1.83E-05	4.36E-07	7.37E-08	4.73E-04	4.01E-04	1.4E-05	4.2E-07	7.6E-08	0.0004
4088	490363.09, 3854877.25	0.15014	0.12827	0.15421	0.16987	0.09148	2.82E-04	1.1E-05	3.4E-07	1E-07	2.94E-04	3.46E-04	1.38E-05	3.33E-07	5.72E-08	3.60E-04	3.05E-04	1.1E-05	3.2E-07	5.9E-08	0.0003
4089	490863.09, 3854877.25	0.1051	0.09096	0.10744	0.11872	0.07053	1.98E-04	8E-06	2.4E-07	7.9E-08	2.06E-04	2.42E-04	9.78E-06	2.33E-07	4.41E-08	2.52E-04	2.13E-04	7.5E-06	2.3E-07	4.6E-08	0.0002
4090	491363.09, 3854877.25	0.11038	0.09677	0.11453	0.12538	0.07457	2.07E-04	8.5E-06	2.5E-07	8.3E-08	2.16E-04	2.54E-04	1.04E-05	2.46E-07	4.66E-08	2.65E-04	2.24E-04	8E-06	2.4E-07	4.8E-08	0.0002
4091	491863.09, 3854877.25	0.14658	0.1306	0.15764	0.16758	0.10503	2.75E-04	1.1E-05	3.3E-07	1.2E-07	2.87E-04	3.38E-04	1.40E-05	3.28E-07	6.57E-08	3.52E-04	2.98E-04	1.1E-05	3.2E-07	6.8E-08	0.0003
4092	492363.09, 3854877.25	0.13948	0.12729	0.15129	0.15901	0.10563	2.62E-04	1.1E-05	3.2E-07	1.2E-07	2.74E-04	3.21E-04	1.37E-05	3.11E-07	6.61E-08	3.35E-04	2.83E-04	1.1E-05	3E-07	6.8E-08	0.0003

4093	492863.09, 3854877.25	0.12867	0.12007	0.14018	0.14627	0.09954	2.42E-04	1.1E-05	2.9E-07	1.1E-07	2.53E-04	2.96E-04	1.29E-05	2.87E-07	6.23E-08	3.10E-04	2.61E-04	9.9E-06	2.8E-07	6.4E-08	0.0003
4094	493363.09, 3854877.25	0.11724	0.11083	0.12816	0.13285	0.09126	2.20E-04	9.7E-06	2.6E-07	1E-07	2.30E-04	2.70E-04	1.19E-05	2.60E-07	5.71E-08	2.82E-04	2.38E-04	9.2E-06	2.5E-07	5.9E-08	0.0002
4095	493863.09, 3854877.25	0.10761	0.10277	0.11798	0.1215	0.08477	2.02E-04	9E-06	2.4E-07	9.5E-08	2.12E-04	2.48E-04	1.10E-05	2.38E-07	5.30E-08	2.59E-04	2.18E-04	8.5E-06	2.3E-07	5.5E-08	0.0002
4096	494363.09, 3854877.25	0.08402	0.08067	0.0914	0.09455	0.06559	1.58E-04	7.1E-06	1.9E-07	7.3E-08	1.65E-04	1.93E-04	8.67E-06	1.85E-07	4.10E-08	2.02E-04	1.71E-04	6.7E-06	1.8E-07	4.2E-08	0.0002
4097	494863.09, 3854877.25	0.06099	0.05935	0.06575	0.06799	0.05002	1.15E-04	5.2E-06	1.3E-07	5.6E-08	1.20E-04	1.40E-04	6.38E-06	1.33E-07	3.13E-08	1.47E-04	1.24E-04	4.9E-06	1.3E-07	3.2E-08	0.0001
4098	495363.09, 3854877.25	0.04796	0.0473	0.05158	0.05305	0.04141	9.01E-05	4.1E-06	1.1E-07	4.6E-08	9.44E-05	1.10E-04	5.08E-06	1.04E-07	2.59E-08	1.16E-04	9.74E-05	3.9E-06	1E-07	2.7E-08	0.0001
4099	495863.09, 3854877.25	0.04088	0.04074	0.04393	0.04493	0.03649	7.68E-05	3.6E-06	8.9E-08	4.1E-08	8.05E-05	9.41E-05	4.38E-06	8.80E-08	2.28E-08	9.86E-05	8.30E-05	3.4E-06	8.5E-08	2.4E-08	9E-05
4100	496363.09, 3854877.25	0.03259	0.03286	0.03498	0.03554	0.03049	6.12E-05	2.9E-06	7.1E-08	3.4E-08	6.42E-05	7.50E-05	3.53E-06	6.96E-08	1.91E-08	7.87E-05	6.62E-05	2.7E-06	6.8E-08	2E-08	7E-05
4101	496863.09, 3854877.25	0.02778	0.02824	0.02981	0.03011	0.02661	5.22E-05	2.5E-06	6E-08	3E-08	5.48E-05	6.40E-05	3.04E-06	5.90E-08	1.66E-08	6.71E-05	5.64E-05	2.3E-06	5.7E-08	1.7E-08	6E-05
4102	497363.09, 3854877.25	0.02603	0.0266	0.02793	0.02808	0.02511	4.89E-05	2.3E-06	5.6E-08	2.8E-08	5.13E-05	5.99E-05	2.86E-06	5.50E-08	1.57E-08	6.29E-05	5.29E-05	2.2E-06	5.3E-08	1.6E-08	6E-05
4103	497863.09, 3854877.25	0.02795	0.02864	0.03004	0.02998	0.02651	5.25E-05	2.5E-06	6E-08	3E-08	5.51E-05	6.44E-05	3.08E-06	5.87E-08	1.66E-08	6.75E-05	5.67E-05	2.4E-06	5.7E-08	1.7E-08	6E-05
4104	498363.09, 3854877.25	0.02674	0.02751	0.02875	0.02867	0.0255	5.02E-05	2.4E-06	5.7E-08	2.8E-08	5.27E-05	6.16E-05	2.96E-06	5.62E-08	1.59E-08	6.46E-05	5.43E-05	2.3E-06	5.5E-08	1.6E-08	6E-05
4105	471363.09, 3855377.25	0.00846	0.008	0.00862	0.00869	0.00609	1.59E-05	7E-07	1.7E-08	6.8E-09	1.66E-05	1.95E-05	8.60E-07	1.70E-08	3.81E-09	2.04E-05	1.72E-05	6.6E-07	1.7E-08	3.9E-09	2E-05
4106	471863.09, 3855377.25	0.0089	0.00844	0.00907	0.00914	0.00634	1.67E-05	7.4E-07	1.8E-08	7.1E-09	1.75E-05	2.05E-05	9.07E-07	1.79E-08	3.97E-09	2.14E-05	1.81E-05	7E-07	1.7E-08	4.1E-09	2E-05
4107	472363.09, 3855377.25	0.00964	0.00913	0.00977	0.00987	0.00683	1.81E-05	8E-07	2E-08	7.6E-09	1.89E-05	2.22E-05	9.81E-07	1.93E-08	4.27E-09	2.32E-05	1.96E-05	7.6E-07	1.9E-08	4.4E-09	2E-05
4108	472863.09, 3855377.25	0.01014	0.00961	0.01027	0.01038	0.00708	1.91E-05	8.4E-07	2.1E-08	7.9E-09	1.99E-05	2.34E-05	1.03E-06	2.03E-08	4.43E-09	2.44E-05	2.06E-05	7.9E-07	2E-08	4.6E-09	2E-05
4109	473363.09, 3855377.25	0.01115	0.01052	0.01124	0.01136	0.0078	2.10E-05	9.2E-07	2.3E-08	8.7E-09	2.19E-05	2.57E-05	1.13E-06	2.23E-08	4.88E-09	2.68E-05	2.26E-05	8.7E-07	2.2E-08	5E-09	2E-05
4110	473863.09, 3855377.25	0.01209	0.01137	0.01215	0.01228	0.00843	2.27E-05	1E-06	2.4E-08	9.4E-09	2.38E-05	2.78E-05	1.22E-06	2.41E-08	5.27E-09	2.91E-05	2.45E-05	9.4E-07	2.3E-08	5.4E-09	3E-05
4111	474363.09, 3855377.25	0.01304	0.01226	0.0131	0.01323	0.00901	2.45E-05	1.1E-06	2.6E-08	1E-08	2.56E-05	3.00E-05	1.32E-06	2.59E-08	5.64E-09	3.14E-05	2.65E-05	1E-06	2.5E-08	5.8E-09	3E-05
4112	474863.09, 3855377.25	0.01185	0.01135	0.0121	0.01219	0.00776	2.23E-05	1E-06	2.4E-08	8.7E-09	2.33E-05	2.73E-05	1.22E-06	2.39E-08	4.85E-09	2.85E-05	2.41E-05	9.4E-07	2.3E-08	5E-09	3E-05
4113	475363.09, 3855377.25	0.00604	0.00621	0.0063	0.00628	0.00461	1.14E-05	5.4E-07	1.2E-08	5.2E-09	1.19E-05	1.39E-05	6.68E-07	1.23E-08	2.88E-09	1.46E-05	1.23E-05	5.1E-07	1.2E-08	3E-09	1E-05
4114	475863.09, 3855377.25	0.00453	0.00477	0.00476	0.00467	0.00392	8.51E-06	4.2E-07	9.3E-09	4.4E-09	8.94E-06	1.04E-05	5.13E-07	9.15E-09	2.45E-09	1.10E-05	9.20E-06	3.9E-07	8.9E-09	2.5E-09	1E-05
4115	476363.09, 3855377.25	0.00543	0.00569	0.00567	0.00563	0.00448	1.02E-05	5E-07	1.1E-08	5E-09	1.07E-05	1.25E-05	6.12E-07	1.10E-08	2.80E-09	1.31E-05	1.10E-05	4.7E-07	1.1E-08	2.9E-09	1E-05
4116	476863.09, 3855377.25	0.00534	0.0056	0.00561	0.00556	0.00453	1.00E-05	4.9E-07	1.1E-08	5.1E-09	1.05E-05	1.23E-05	6.02E-07	1.09E-08	2.83E-09	1.29E-05	1.08E-05	4.6E-07	1.1E-08	2.9E-09	1E-05
4117	477363.09, 3855377.25	0.00604	0.00627	0.00631	0.0063	0.005	1.14E-05	5.5E-07	1.3E-08	5.6E-09	1.19E-05	1.39E-05	6.74E-07	1.23E-08	3.13E-09	1.46E-05	1.23E-05	5.2E-07	1.2E-08	3.2E-09	1E-05
4118	477863.09, 3855377.25	0.00813	0.00843	0.00844	0.0084	0.00611	1.53E-05	7.4E-07	1.7E-08	6.8E-09	1.60E-05	1.87E-05	9.06E-07	1.65E-08	3.82E-09	1.96E-05	1.65E-05	7E-07	1.6E-08	3.9E-09	2E-05
4119	478363.09, 3855377.25	0.01087	0.01116	0.01116	0.01124	0.00747	2.04E-05	9.8E-07	2.2E-08	8.3E-09	2.14E-05	2.50E-05	1.20E-06	2.20E-08	4.67E-09	2.63E-05	2.21E-05	9.2E-07	2.1E-08	4.8E-09	2E-05
4120	478863.09, 3855377.25	0.01425	0.01443	0.01446	0.01473	0.00904	2.68E-05	1.3E-06	2.9E-08	1E-08	2.81E-05	3.28E-05	1.55E-06	2.89E-08	5.65E-09	3.44E-05	2.89E-05	1.2E-06	2.8E-08	5.8E-09	3E-05
4121	479363.09, 3855377.25	0.02022	0.02015	0.02025	0.0208	0.0115	3.80E-05	1.8E-06	4.1E-08	1.3E-08	3.98E-05	4.66E-05	2.17E-06	4.07E-08	7.19E-09	4.88E-05	4.11E-05	1.7E-06	4E-08	7.4E-09	4E-05
4122	479863.09, 3855377.25	0.0275	0.02717	0.02712	0.02798	0.01447	5.17E-05	2.4E-06	5.6E-08	1.6E-08	5.41E-05	6.33E-05	2.92E-06	5.48E-08	9.05E-09	6.63E-05	5.58E-05	2.2E-06	5.3E-08	9.3E-09	6E-05
4123	480363.09, 3855377.25	0.04244	0.04338	0.04124	0.04237	0.02081	7.98E-05	3.8E-06	8.4E-08	2.3E-08	8.37E-05	9.77E-05	4.66E-06	8.30E-08	1.30E-08	1.02E-04	8.62E-05	3.6E-06	8.1E-08	1.3E-08	9E-05
4124	480863.09, 3855377.25	0.06271	0.06533	0.05859	0.05968	0.03249	1.18E-04	5.7E-06	1.2E-07	3.6E-08	1.24E-04	1.44E-04	7.02E-06	1.17E-07	2.03E-08	1.52E-04	1.27E-04	5.4E-06	1.1E-07	2.1E-08	0.0001
4125	481363.09, 3855377.25	0.08393	0.08437	0.07421	0.07637	0.04944	1.58E-04	7.4E-06	1.5E-07	5.5E-08	1.65E-04	1.93E-04	9.07E-06	1.50E-07	3.09E-08	2.03E-04	1.70E-04	7E-06	1.5E-07	3.2E-08	0.0002
4126	481863.09, 3855377.25	0.10354	0.10275	0.0884	0.0916	0.06641	1.95E-04	9E-06	1.8E-07	7.4E-08	2.04E-04	2.38E-04	1.10E-05	1.79E-07	4.15E-08	2.50E-04	2.10E-04	8.5E-06	1.7E-07	4.3E-08	0.0002
4127	482363.09, 3855377.25	0.12504	0.12656	0.10445	0.10823	0.08526	2.35E-04	1.1E-05	2.1E-07	9.5E-08	2.46E-04	2.88E-04	1.36E-05	2.12E-07	5.33E-08	3.02E-04	2.54E-04	1E-05	2.1E-07	5.5E-08	0.0003
4128	482863.09, 3855377.25	0.16812	0.19129	0.14168	0.14222	0.10831	3.16E-04	1.7E-05	2.8E-07	1.2E-07	3.33E-04	3.87E-04	2.06E-05	2.79E-07	6.77E-08	4.08E-04	3.41E-04	1.6E-05	2.7E-07	7E-08	0.0004
4129	483363.09, 3855377.25	0.23822	0.32849	0.20955	0.20431	0.14761	4.48E-04	2.9E-05	4.1E-07	1.6E-07	4.77E-04	5.49E-04	3.53E-05	4.00E-07	9.23E-08	5.84E-04	4.84E-04	2.7E-05	3.9E-07	9.5E-08	0.0005
4130	483863.09, 3855377.25	0.3968	0.66112	0.37862	0.36605	0.21808	7.46E-04	5.8E-05	7.3E-07	2.4E-07	8.05E-04	9.14E-04	7.11E-05	7.17E-07	1.36E-07	9.86E-04	8.06E-04	5.5E-05	7E-07	1.4E-07	0.0009
4131	484363.09, 3855377.25	0.98105	1.41301	1.06148	1.06036	0.2487	1.84E-03	0.00012	2.1E-06	2.8E-07	1.97E-03	2.26E-03	1.52E-04	2.08E-06	1.56E-07	2.41E-03	1.99E-03	0.00012	2E-06	1.6E-07	0.0021
4132	484863.09, 3855377.25	3.22513	1.78985	5.82264	9.84341	2.21567	6.06E-03	0.00016	2E-05	2.5E-06	6.24E-03	7.43E-03	1.92E-04	1.93E-05	1.39E-06	7.64E-03	6.55E-03	0.00015	1.9E-05	1.4E-06	0.0067
4133	485363.09, 3855377.25	2.56242	1.3312	2.33761	3.1662	1.12754	4.82E-03	0.00012	6.3E-06	1.3E-06	4.94E-03	5.90E-03	1.43E-04	6.20E-06	7.05E-07	6.05E-03	5.20E-03	0.00011	6E-06	7.3E-07	0.0053
4134	485863.09, 3855377.25	1.21738	0.90312	1.24528	1.5018	0.5669	2.29E-03	7.9E-05	3E-06	6.3E-07	2.37E-03	2.80E-03	9.71E-05	2.94E-06	3.55E-07	2.90E-03	2.47E-03	7.5E-05	2.9E-06	3.7E-07	0.0025
4135	486363.09, 3855377.25	0.76799	0.61622	0.79457	0.92481	0.37745	1.44E-03	5.4E-05	1.8E-06	4.2E-07	1.50E-03	1.77E-03	6.62E-05	1.81E-06	2.36E-07	1.84E-03	1.56E-03	5.1E-05	1.8E-06	2.4E-07	0.0016
4136	486863.09, 3855377.25	0.55046	0.44542	0.57209	0.65222	0.28735	1.03E-03	3.9E-05	1.3E-06	3.2E-07	1.08E-03	1.27E-03	4.79E-05	1.28E-06	1.80E-07	1.32E-03	1.12E-03	3.7E-05	1.2E-06	1.9E-07	0.0012
4137	487363.09, 3855377.25	0.4763	0.36072	0.50204	0.56678	0.26148	8.95E-04	3.2E-05	1.1E-06	2.9E-07	9.28E-04	1.10E-03	3.88E-05	1.11E-06	1.64E-07	1.14E-03	9.67E-04	3E-05	1.1E-06	1.7E-07	0.001
4138	487863.09, 3855377.25	0.41786	0.30312	0.44297	0.49908	0.24431	7.85E-04	2.7E-05	9.9E-07	2.7E-07	8.13E-04	9.62E-04	3.26E-05	9.78E-07	1.53E-07	9.96E-04	8.48E-04	2.5E-05	9.5E-07	1.6E-07	0.0009
4139	488363.09, 3855377.25	0.37127	0.261	0.39584	0.44487	0.23316	6.98E-04	2.3E-05	8.8E-07	2.6E-07	7.22E-04	8.55E-04	2.81E-05	8.71E-07	1.46E-07	8.84E-04	7.54E-04	2.2E-05	8.5E-07	1.5E-07	0.0008
4140	488863.09, 3855377.25	0.3315	0.23432	0.35521	0.39728	0.22387	6.23E-04	2.1E-05	7.9E-07	2.5E-07	6.45E-04	7.63E-04	2.52E-05	7.78E-07	1.40E-07	7.89E-04	6.73E-04	1.9E-05	7.6E-07	1.4E-07	0.0007
4141	489363.09, 3855377.25	0.2961	0.20709	0.31875	0.35485	0.21069	5.56E-04	1.8E-05	7E-07	2.4E-07	5.76E-04	6.82E-04	2.23E-05	6.95E-07	1.32E-07	7.05E-04	6.01E-04	1.7E-05	6.8E-07	1.4E-07	0.0006
4142	489863.09, 3855377.25	0.26242	0.19071	0.28393	0.31429	0.19104	4.93E-04	1.7E-05	6.2E-07	2.1E-07	5.11E-04	6.04E-04	2.05E-05	6.16E-07	1.19E-07	6.26E-04	5.33E-04	1.6E-05	6E-07	1.2E-07	0.0005
4143	490363.09, 3855377.25	0.23959	0.18696	0.2613	0.28555	0.18527	4.50E-04	1.6E-05	5.7E-07	2.1E-07	4.67E-04	5.52E-04	2.01E-05	5.59E-07	1.16E-07	5.73E-04	4.86E-04	1.5E-05	5.4E-07	1.2E-07	0.0005
4144	490863.09, 3855377.25	0.16359	0.13117	0.1766	0.19424	0.11643	3.07E-04	1.2E-05	3.9E-07	1.3E-07	3.19E-04	3.77E-04	1.41E-05	3.81E-07	7.28E-08	3.91E-04	3.32E-04	1.1E-05	3.7E-07	7.5E-08	0.0003
4145	491363.09, 3855377.25	0.13509	0.11326	0.14606	0.15861	0.10052	2.54E-04	9.9E-06	3.1E-07	1.1E-07	2.64E-04	3.11E-04	1.22E-05	3.11E-07	6.29E-08	3.24E-04	2.74E-04	9.4E-06	3E-07	6.5E-08	0.0003
4146	491863.09, 3855377.25	0.17608	0.15666	0.19566	0.20591	0.14329	3.31E-04	1.4E-05	4.1E-07	1.6E-07	3.45E-04	4.05E-04	1.68E-05	4.03E-07	8.96E-08	4.23E-04	3.58E-04	1.3E-05	3.9E-07	9.3E-08	0.0004
4147	492363.09, 3855377.25	0.16346	0.1502	0.18243	0.18955	0.13879	3.07E-04	1.3E-05	3.8E-07	1.6E-07	3.21E-04	3.76E-04	1.61E-05	3.71E-07	8.68E-08	3.93E-04	3.32E-04	1.2E-05	3.6E-07	9E-08	0.0003
4148	492863.09, 3855377.25	0.14851	0.13983	0.16619	0.17099	0.12641	2.79E-04	1.2E-05	3.4E-07	1.4E-07	2.92E-04	3.42E-04	1.50E-05	3.35E-07	7.91E-08	3.57E-04	3.02E-04	1.2E-05	3.3E-07	8.2E-08	0.0003
4149	493363.09, 3855377.25	0.12972	0.1244	0.1452	0.14856	0.10775	2.44E-04	1.1E-05	2.9E-07	1.2E-07	2.55E-04	2.99E-04	1.34E-05	2.91E-07	6.74E-08	3.12E-04	2.63E-04	1E-05	2.8E-07	7E-08	0.0003
4150	493863.09, 3855377.25	0.10137	0.09814	0.1126	0.11555	0.08286	1.90E-04	8.6E-06	2.3E-07	9.3E-08	1.99E-04	2.33E-04	1.06E-05	2.26E-07	5.18E-08	2.44E-04	2.06E-04	8.1E-06	2.2E-07	5.4E-08	0.0002
4151	494363.09, 3855377.25	0.07396	0.07222	0.08128	0.08347	0.06296	1.39E-04	6.3E-06	1.7E-07	7E-08	1.46E-04	1.70E-04	7.76E-06	1.64E-07	3.94E-08	1.78E-04	1.50E-04	6E-06	1.6E-07	4.1E-08	0.0002
4152	494863.09, 3855377.25	0.05306	0.05227	0.05792	0.05924	0.04822	9.97E-05	4.6E-06	1.2E-07	5.4E-08	1.04E-04	1.22E-04	5.62E-06	1.16E-07	3.02E-08	1.28E-04	1.08E-04	4.3E-06	1.1E-07	3.1E-08	0.0001
4153	495363.09, 3855377.25	0.04046	0.04017	0.04397	0.04472	0.03884	7.60E-05	3.5E-06	8.9E-08	4.3E-08	7.97E-05	9.32E-05	4.32E-06	8.76E-08	2.43E-08	9.76E-05	8.21E-05	3.3E-06	8.5E-08	2.5E-08	9E-05
4154	495863.09, 3855377.25	0.03273	0.03275	0.03551	0.03574	0.03238	6.15E-05	2.9E-06	7.1E-08	3.6E-08	6.45E-05	7.54E-05	3.52E-06	7.00E-08	2.03E-08	7.90E-05	6.65E-05	2.7E-06	6.8E-08	2.1E-08	7E-05
4155	496363.09, 3855377.25	0.03048	0.03073	0.03306	0.0332	0.03037	5.73E-05	2.7E-06	6.6E-08	3.4E-08	6.01E-05	7.02E-05	3.30E-06	6.50E-08	1.90E-08	7.36E-05	6.19E-05	2.5E-06	6.3E-08	2E-08	6E-05
4156	496863.09, 3855377.25	0.02878	0.02919	0.03119	0.03106	0.02869	5.41E-05	2.6E-06	6.2E-08	3.2E-08	5.67E-05	6.63E-05	3.14E-06	6.08E-08	1.79E-08	6.95E-05	5.84E-05	2.4E-06	5.9E-08	1.9E-08	6E-05

4157	497363.09, 3855377.25	0.0283	0.02888	0.03065	0.03052	0.02819	5.32E-05	2.5E-06	6.1E-08	3.1E-08	5.58E-05	6.52E-05	3.10E-06	5.98E-08	1.76E-08	6.84E-05	5.75E-05	2.4E-06	5.8E-08	1.8E-08	6E-05
4158	497863.09, 3855377.25	0.02898	0.0297	0.03139	0.03104	0.0285	5.45E-05	2.6E-06	6.2E-08	3.2E-08	5.72E-05	6.67E-05	3.19E-06	6.08E-08	1.78E-08	7.00E-05	5.88E-05	2.5E-06	5.9E-08	1.8E-08	6E-05
4159	498363.09, 3855377.25	0.03009	0.03098	0.03262	0.03226	0.0292	5.65E-05	2.7E-06	6.4E-08	3.3E-08	5.94E-05	6.93E-05	3.33E-06	6.32E-08	1.83E-08	7.27E-05	6.11E-05	2.6E-06	6.1E-08	1.9E-08	6E-05
4160	471363.09, 3855877.25	0.00866	0.00845	0.00864	0.00871	0.0061	1.63E-05	7.4E-07	1.7E-08	6.8E-09	1.70E-05	1.99E-05	9.08E-07	1.71E-08	3.82E-09	2.09E-05	1.76E-05	7E-07	1.7E-08	3.9E-09	2E-05
4161	471863.09, 3855877.25	0.00913	0.00899	0.00911	0.00917	0.00636	1.72E-05	7.9E-07	1.8E-08	7.1E-09	1.80E-05	2.10E-05	9.66E-07	1.80E-08	3.98E-09	2.20E-05	1.85E-05	7.4E-07	1.7E-08	4.1E-09	2E-05
4162	472363.09, 3855877.25	0.01001	0.00993	0.00995	0.00999	0.00698	1.88E-05	8.7E-07	2E-08	7.8E-09	1.97E-05	2.31E-05	1.07E-06	1.96E-08	4.37E-09	2.41E-05	2.03E-05	8.2E-07	1.9E-08	4.5E-09	2E-05
4163	472863.09, 3855877.25	0.01041	0.01045	0.01037	0.0104	0.0071	1.96E-05	9.2E-07	2.1E-08	7.9E-09	2.05E-05	2.40E-05	1.12E-06	2.04E-08	4.44E-09	2.51E-05	2.11E-05	8.6E-07	2E-08	4.6E-09	2E-05
4164	473363.09, 3855877.25	0.01159	0.01175	0.0115	0.01151	0.00796	2.18E-05	1E-06	2.3E-08	8.9E-09	2.28E-05	2.67E-05	1.26E-06	2.25E-08	4.98E-09	2.80E-05	2.35E-05	9.7E-07	2.2E-08	5.1E-09	2E-05
4165	473863.09, 3855877.25	0.01261	0.01291	0.01248	0.01248	0.00861	2.37E-05	1.1E-06	2.5E-08	9.6E-09	2.49E-05	2.90E-05	1.39E-06	2.44E-08	5.39E-09	3.05E-05	2.56E-05	1.1E-06	2.4E-08	5.6E-09	3E-05
4166	474363.09, 3855877.25	0.01347	0.01396	0.01335	0.01335	0.00903	2.53E-05	1.2E-06	2.6E-08	1E-08	2.66E-05	3.10E-05	1.50E-06	2.62E-08	5.65E-09	3.26E-05	2.73E-05	1.2E-06	2.5E-08	5.8E-09	3E-05
4167	474863.09, 3855877.25	0.01163	0.01215	0.01171	0.0118	0.00725	2.19E-05	1.1E-06	2.3E-08	8.1E-09	2.30E-05	2.68E-05	1.31E-06	2.31E-08	4.53E-09	2.81E-05	2.36E-05	1E-06	2.2E-08	4.7E-09	2E-05
4168	475363.09, 3855877.25	0.00768	0.00776	0.00782	0.00798	0.00521	1.44E-05	6.8E-07	1.6E-08	5.8E-09	1.51E-05	1.77E-05	8.34E-07	1.56E-08	3.26E-09	1.85E-05	1.56E-05	6.4E-07	1.5E-08	3.4E-09	2E-05
4169	475863.09, 3855877.25	0.00334	0.00329	0.0035	0.00344	0.0031	6.28E-06	2.9E-07	6.8E-09	3.5E-09	6.58E-06	7.69E-06	3.54E-07	6.74E-09	1.94E-09	8.05E-06	6.78E-06	2.7E-07	6.5E-09	2E-09	7E-06
4170	476363.09, 3855877.25	0.00361	0.00357	0.00378	0.00371	0.00332	6.78E-06	3.1E-07	7.4E-09	3.7E-09	7.11E-06	8.31E-06	3.84E-07	7.27E-09	2.08E-09	8.71E-06	7.33E-06	3E-07	7.1E-09	2.1E-09	8E-06
4171	476863.09, 3855877.25	0.00555	0.00549	0.00572	0.00576	0.00456	1.04E-05	4.8E-07	1.1E-08	5.1E-09	1.09E-05	1.28E-05	5.90E-07	1.13E-08	2.85E-09	1.34E-05	1.13E-05	4.5E-07	1.1E-08	2.9E-09	1E-05
4172	477363.09, 3855877.25	0.00689	0.00689	0.00712	0.00721	0.00533	1.29E-05	6E-07	1.4E-08	6E-09	1.36E-05	1.59E-05	7.41E-07	1.41E-08	3.33E-09	1.66E-05	1.40E-05	5.7E-07	1.4E-08	3.4E-09	1E-05
4173	477863.09, 3855877.25	0.00869	0.00873	0.00893	0.00898	0.00626	1.63E-05	7.7E-07	1.8E-08	7E-09	1.71E-05	2.00E-05	9.38E-07	1.76E-08	3.92E-09	2.10E-05	1.76E-05	7.2E-07	1.7E-08	4E-09	2E-05
4174	478363.09, 3855877.25	0.01147	0.01155	0.01175	0.01206	0.0077	2.16E-05	1E-06	2.4E-08	8.6E-09	2.26E-05	2.64E-05	1.24E-06	2.36E-08	4.82E-09	2.77E-05	2.33E-05	9.6E-07	2.3E-08	5E-09	2E-05
4175	478863.09, 3855877.25	0.01571	0.01592	0.01599	0.01626	0.00959	2.95E-05	1.4E-06	3.2E-08	1.1E-08	3.10E-05	3.62E-05	1.71E-06	3.19E-08	6.00E-09	3.79E-05	3.19E-05	1.3E-06	3.1E-08	6.2E-09	3E-05
4176	479363.09, 3855877.25	0.02243	0.023	0.02265	0.0231	0.01239	4.22E-05	2E-06	4.6E-08	1.4E-08	4.42E-05	5.17E-05	2.47E-06	4.53E-08	7.75E-09	5.42E-05	4.55E-05	1.9E-06	4.4E-08	8E-09	5E-05
4177	479863.09, 3855877.25	0.03063	0.03153	0.03057	0.03128	0.01578	5.76E-05	2.8E-06	6.2E-08	1.8E-08	6.04E-05	7.05E-05	3.39E-06	6.13E-08	9.87E-09	7.40E-05	6.22E-05	2.6E-06	6E-08	1E-08	6E-05
4178	480363.09, 3855877.25	0.0434	0.04478	0.04239	0.04342	0.02157	8.16E-05	3.9E-06	8.6E-08	2.4E-08	8.56E-05	9.99E-05	4.81E-06	8.51E-08	1.35E-08	1.05E-04	8.81E-05	3.7E-06	8.3E-08	1.4E-08	9E-05
4179	480863.09, 3855877.25	0.06086	0.06314	0.05781	0.05882	0.03141	1.14E-04	5.5E-06	1.2E-07	3.5E-08	1.20E-04	1.40E-04	6.79E-06	1.15E-07	1.96E-08	1.47E-04	1.24E-04	5.2E-06	1.1E-07	2E-08	0.0001
4180	481363.09, 3855877.25	0.07254	0.07744	0.06878	0.06994	0.03458	1.36E-04	6.8E-06	1.4E-07	3.9E-08	1.43E-04	1.67E-04	8.32E-06	1.37E-07	2.16E-08	1.76E-04	1.47E-04	6.4E-06	1.3E-07	2.2E-08	0.0002
4181	481863.09, 3855877.25	0.10035	0.11024	0.09262	0.09379	0.06808	1.89E-04	9.7E-06	1.9E-07	7.6E-08	1.99E-04	2.31E-04	1.19E-05	1.84E-07	4.26E-08	2.43E-04	2.04E-04	9.1E-06	1.8E-07	4.4E-08	0.0002
4182	482363.09, 3855877.25	0.11539	0.12806	0.10642	0.11002	0.09123	2.17E-04	1.1E-05	2.2E-07	1E-07	2.28E-04	2.66E-04	1.38E-05	2.16E-07	5.71E-08	2.80E-04	2.34E-04	1.1E-05	2.1E-07	5.9E-08	0.0002
4183	482863.09, 3855877.25	0.1462	0.15885	0.13722	0.14556	0.11703	2.75E-04	1.4E-05	2.9E-07	1.3E-07	2.89E-04	3.37E-04	1.71E-05	2.85E-07	7.32E-08	3.54E-04	2.97E-04	1.3E-05	2.8E-07	7.6E-08	0.0003
4184	483363.09, 3855877.25	0.19153	0.19825	0.1844	0.19679	0.16096	3.60E-04	1.7E-05	3.9E-07	1.8E-07	3.78E-04	4.41E-04	2.13E-05	3.85E-07	1.01E-07	4.63E-04	3.89E-04	1.6E-05	3.7E-07	1E-07	0.0004
4185	483863.09, 3855877.25	0.26561	0.27273	0.26528	0.28957	0.24247	4.99E-04	2.4E-05	5.7E-07	2.7E-07	5.24E-04	6.12E-04	2.93E-05	5.67E-07	1.52E-07	6.42E-04	5.39E-04	2.3E-05	5.5E-07	1.6E-07	0.0006
4186	484363.09, 3855877.25	0.41843	0.29727	0.42977	0.49705	0.39245	7.86E-04	2.6E-05	9.9E-07	4.4E-07	8.14E-04	9.64E-04	3.20E-05	9.74E-07	2.45E-07	9.97E-04	8.50E-04	2.5E-05	9.5E-07	2.5E-07	0.0009
4187	484863.09, 3855877.25	0.86302	0.35643	0.86673	1.06515	0.54586	1.62E-03	3.1E-05	2.1E-06	6.1E-07	1.66E-03	1.99E-03	3.83E-05	2.09E-06	3.41E-07	2.03E-03	1.75E-03	2.9E-05	2E-06	3.5E-07	0.0018
4188	485363.09, 3855877.25	3.73753	0.39765	4.47159	6.62834	2.56964	7.02E-03	3.5E-05	1.3E-05	2.9E-06	7.07E-03	8.61E-03	4.27E-05	1.30E-05	1.61E-06	8.66E-03	7.59E-03	3.3E-05	1.3E-05	1.7E-06	0.0076
4189	485863.09, 3855877.25	3.29332	0.43623	3.10911	4.1623	1.78802	6.19E-03	3.8E-05	8.3E-06	2E-06	6.24E-03	7.58E-03	4.69E-05	8.15E-06	1.12E-06	7.64E-03	6.69E-03	3.6E-05	7.9E-06	1.2E-06	0.0067
4190	486363.09, 3855877.25	1.32925	0.38117	1.47469	1.76277	0.83751	2.50E-03	3.3E-05	3.5E-06	9.4E-07	2.54E-03	3.06E-03	4.10E-05	3.45E-06	5.24E-07	3.11E-03	2.70E-03	3.2E-05	3.4E-06	5.4E-07	0.0027
4191	486863.09, 3855877.25	0.88495	0.32735	0.9888	1.16091	0.57501	1.66E-03	2.9E-05	2.3E-06	6.4E-07	1.69E-03	2.04E-03	3.52E-05	2.27E-06	3.60E-07	2.08E-03	1.80E-03	2.7E-05	2.2E-06	3.7E-07	0.0018
4192	487363.09, 3855877.25	0.71564	0.28896	0.79156	0.93091	0.48567	1.34E-03	2.5E-05	1.8E-06	5.4E-07	1.37E-03	1.65E-03	3.11E-05	1.82E-06	3.04E-07	1.68E-03	1.45E-03	2.4E-05	1.8E-06	3.1E-07	0.0015
4193	487863.09, 3855877.25	0.59544	0.26809	0.65469	0.76638	0.43245	1.12E-03	2.4E-05	1.5E-06	4.8E-07	1.14E-03	1.37E-03	2.88E-05	1.50E-06	2.70E-07	1.40E-03	1.21E-03	2.2E-05	1.5E-06	2.8E-07	0.0012
4194	488363.09, 3855877.25	0.50112	0.25688	0.5524	0.63761	0.38654	9.42E-04	2.3E-05	1.3E-06	4.3E-07	9.66E-04	1.15E-03	2.76E-05	1.25E-06	2.42E-07	1.18E-03	1.02E-03	2.1E-05	1.2E-06	2.5E-07	0.001
4195	488863.09, 3855877.25	0.42921	0.24321	0.4757	0.54101	0.35211	8.07E-04	2.1E-05	1.1E-06	3.9E-07	8.29E-04	9.88E-04	2.61E-05	1.06E-06	2.20E-07	1.02E-03	8.71E-04	2E-05	1E-06	2.3E-07	0.0009
4196	489363.09, 3855877.25	0.3712	0.24417	0.41473	0.4625	0.31953	6.98E-04	2.1E-05	9.2E-07	3.6E-07	7.20E-04	8.55E-04	2.62E-05	9.06E-07	2.00E-07	8.82E-04	7.54E-04	2E-05	8.8E-07	2.1E-07	0.0008
4197	489863.09, 3855877.25	0.32427	0.24441	0.36527	0.39914	0.28905	6.09E-04	2.1E-05	7.9E-07	3.2E-07	6.32E-04	7.47E-04	2.63E-05	7.82E-07	1.81E-07	7.74E-04	6.58E-04	2E-05	7.6E-07	1.9E-07	0.0007
4198	490363.09, 3855877.25	0.28654	0.23738	0.32572	0.34763	0.26501	5.38E-04	2.1E-05	6.9E-07	3E-07	5.60E-04	6.60E-04	2.55E-05	6.81E-07	1.66E-07	6.86E-04	5.82E-04	2E-05	6.6E-07	1.7E-07	0.0006
4199	490863.09, 3855877.25	0.25344	0.22388	0.28914	0.30407	0.23082	4.76E-04	2E-05	6E-07	2.6E-07	4.97E-04	5.84E-04	2.41E-05	5.96E-07	1.44E-07	6.08E-04	5.15E-04	1.9E-05	5.8E-07	1.5E-07	0.0005
4200	491363.09, 3855877.25	0.21582	0.19767	0.24677	0.25759	0.18304	4.06E-04	1.7E-05	5.1E-07	2E-07	4.24E-04	4.97E-04	2.12E-05	5.05E-07	1.14E-07	5.19E-04	4.38E-04	1.6E-05	4.9E-07	1.2E-07	0.0005
4201	491863.09, 3855877.25	0.20363	0.19715	0.2335	0.23807	0.19216	3.83E-04	1.7E-05	4.7E-07	2.1E-07	4.01E-04	4.69E-04	2.12E-05	4.66E-07	1.20E-07	4.91E-04	4.13E-04	1.6E-05	4.5E-07	1.2E-07	0.0004
4202	492363.09, 3855877.25	0.18161	0.18041	0.20819	0.21027	0.16824	3.41E-04	1.6E-05	4.2E-07	1.9E-07	3.58E-04	4.18E-04	1.94E-05	4.12E-07	1.05E-07	4.38E-04	3.69E-04	1.5E-05	4E-07	1.1E-07	0.0004
4203	492863.09, 3855877.25	0.16265	0.16448	0.18635	0.18654	0.14932	3.06E-04	1.4E-05	3.7E-07	1.7E-07	3.21E-04	3.75E-04	1.77E-05	3.65E-07	9.34E-08	3.93E-04	3.30E-04	1.4E-05	3.5E-07	9.6E-08	0.0003
4204	493363.09, 3855877.25	0.12819	0.1288	0.14613	0.14668	0.11023	2.41E-04	1.1E-05	2.9E-07	1.2E-07	2.53E-04	2.95E-04	1.38E-05	2.87E-07	6.89E-08	3.09E-04	2.60E-04	1.1E-05	2.8E-07	7.1E-08	0.0003
4205	493863.09, 3855877.25	0.09013	0.09025	0.10123	0.10197	0.07926	1.69E-04	7.9E-06	2E-07	8.9E-08	1.78E-04	2.08E-04	9.70E-06	2.00E-07	4.96E-08	2.18E-04	1.83E-04	7.5E-06	1.9E-07	5.1E-08	0.0002
4206	494363.09, 3855877.25	0.06216	0.06258	0.06901	0.06964	0.05839	1.17E-04	5.5E-06	1.4E-07	6.5E-08	1.23E-04	1.43E-04	6.73E-06	1.36E-07	3.65E-08	1.50E-04	1.26E-04	5.2E-06	1.3E-07	3.8E-08	0.0001
4207	494863.09, 3855877.25	0.04593	0.0468	0.05061	0.05074	0.04563	8.63E-05	4.1E-06	1E-07	5.1E-08	9.06E-05	1.06E-04	5.03E-06	9.94E-08	2.85E-08	1.11E-04	9.33E-05	3.9E-06	9.7E-08	2.9E-08	1E-04
4208	495363.09, 3855877.25	0.03251	0.03333	0.03556	0.03537	0.03385	6.11E-05	2.9E-06	7E-08	3.8E-08	6.41E-05	7.49E-05	3.58E-06	6.93E-08	2.12E-08	7.85E-05	6.60E-05	2.8E-06	6.7E-08	2.2E-08	7E-05
4209	495863.09, 3855877.25	0.03059	0.03144	0.03338	0.03306	0.03182	5.75E-05	2.8E-06	6.6E-08	3.6E-08	6.03E-05	7.04E-05	3.38E-06	6.48E-08	1.99E-08	7.39E-05	6.21E-05	2.6E-06	6.3E-08	2.1E-08	6E-05
4210	496363.09, 3855877.25	0.02934	0.03019	0.03195	0.03144	0.03036	5.51E-05	2.6E-06	6.2E-08	3.4E-08	5.79E-05	6.76E-05	3.25E-06	6.16E-08	1.90E-08	7.09E-05	5.96E-05	2.5E-06	6E-08	2E-08	6E-05
4211	496863.09, 3855877.25	0.02948	0.03036	0.03208	0.03148	0.03021	5.54E-05	2.7E-06	6.2E-08	3.4E-08	5.82E-05	6.79E-05	3.26E-06	6.17E-08	1.89E-08	7.12E-05	5.99E-05	2.5E-06	6E-08	2E-08	6E-05
4212	497363.09, 3855877.25	0.0299	0.03078	0.0325	0.03183	0.03026	5.62E-05	2.7E-06	6.3E-08	3.4E-08	5.90E-05	6.89E-05	3.31E-06	6.24E-08	1.89E-08	7.22E-05	6.07E-05	2.5E-06	6.1E-08	2E-08	6E-05
4213	497863.09, 3855877.25	0.03095	0.03185	0.03364	0.03288	0.03083	5.82E-05	2.8E-06	6.5E-08	3.4E-08	6.11E-05	7.13E-05	3.42E-06	6.44E-08	1.93E-08	7.48E-05	6.28E-05	2.6E-06	6.3E-08	2E-08	7E-05
4214	498363.09, 3855877.25	0.03445	0.03553	0.03758	0.03663	0.03319	6.47E-05	3.1E-06	7.3E-08	3.7E-08	6.80E-05	7.93E-05	3.82E-06	7.18E-08	2.08E-08	8.32E-05	6.99E-05	2.9E-06	7E-08	2.1E-08	7E-05
4215	471363.09, 3856377.25	0.00895	0.00958	0.00894	0.00903	0.0062	1.68E-05	8.4E-07	1.8E-08	6.9E-09	1.77E-05	2.06E-05	1.03E-06	1.77E-08	3.88E-09	2.17E-05	1.82E-05	7.9E-07	1.7E-08	4E-09	2E-05
4216	471863.09, 3856377.25	0.00939	0.01004	0.00939	0.0095	0.00642	1.76E-05	8.8E-07	1.9E-08	7.2E-09	1.86E-05	2.16E-05	1.08E-06	1.86E-08	4.02E-09	2.27E-05	1.91E-05	8.3E-07	1.8E-08	4.1E-09	2E-05
4217	472363.09, 3856377.25	0.0101	0.01077	0.01009	0.01023	0.00689	1.90E-05	9.4E-07	2E-08	7.7E-09	2.00E-05	2.33E-05	1.16E-06	2.00E-08	4.31E-09	2.44E-05	2.05E-05	8.9E-07	1.9E-08	4.5E-09	2E-05
4218	472863.09, 3856377.25	0.01097	0.01165	0.01095	0.0111	0.0075	2.06E-05	1E-06	2.2E-08	8.4E-09	2.17E-05	2.53E-05	1.25E-06	2.17E-08	4.69E-09	2.65E-05	2.23E-05	9.6E-07	2.1E-08	4.8E-09	2E-05
4219	473363.09, 3856377.25	0.01179	0.01245	0.01177	0.01195	0.00803	2.22E-05	1.1E-06	2.4E-08	9E-09	2.33E-05	2.72E-05	1.34E-06	2.34E-08	5.02E-09	2.85E-05	2.39E-05	1E-06	2.3E-08	5.2E-09	2E-05
4220	473863.09, 3856377.25	0.01306	0.01367	0.01299	0.01318	0.00907	2.45E-05	1.2E-06	2.6E-08	1E-08	2.58E-05	3.01E-05	1.47E-06	2.58E-08	5.67E-09	3.16E-05	2.65E-05	1.1E-06	2.5E-08	5.9E-09	3E-05

4221 474363.09, 3856377.25	0.01333	0.01381	0.01331	0.01357	0.00884	2.50E-05	1.2E-06	2.7E-08	9.9E-09	2.63E-05	3.07E-05	1.48E-06	2.66E-08	5.53E-09	3.22E-05	2.71E-05	1.1E-06	2.6E-08	5.7E-09	3E-05
4222 474863.09, 3856377.25	0.01312	0.01339	0.01316	0.01354	0.00825	2.47E-05	1.2E-06	2.7E-08	9.2E-09	2.59E-05	3.02E-05	1.44E-06	2.65E-08	5.16E-09	3.17E-05	2.66E-05	1.1E-06	2.6E-08	5.3E-09	3E-05
4223 475363.09, 3856377.25	0.01107	0.01101	0.01118	0.01165	0.00676	2.08E-05	9.7E-07	2.3E-08	7.6E-09	2.18E-05	2.55E-05	1.18E-06	2.28E-08	4.23E-09	2.67E-05	2.25E-05	9.1E-07	2.2E-08	4.4E-09	2E-05
4224 475863.09, 3856377.25	0.00767	0.00745	0.00778	0.00814	0.00514	1.44E-05	6.5E-07	1.6E-08	5.7E-09	1.51E-05	1.77E-05	8.01E-07	1.59E-08	3.21E-09	1.85E-05	1.56E-05	6.2E-07	1.5E-08	3.3E-09	2E-05
4225 476363.09, 3856377.25	0.00721	0.00696	0.00732	0.00763	0.00501	1.35E-05	6.1E-07	1.5E-08	5.6E-09	1.42E-05	1.66E-05	7.48E-07	1.49E-08	3.13E-09	1.74E-05	1.46E-05	5.8E-07	1.5E-08	3.2E-09	2E-05
4226 476863.09, 3856377.25	0.00744	0.00715	0.00755	0.00787	0.00522	1.40E-05	6.3E-07	1.6E-08	5.8E-09	1.46E-05	1.71E-05	7.69E-07	1.54E-08	3.26E-09	1.79E-05	1.51E-05	5.9E-07	1.5E-08	3.4E-09	2E-05
4227 477363.09, 3856377.25	0.0081	0.00775	0.00821	0.00854	0.00562	1.52E-05	6.8E-07	1.7E-08	6.3E-09	1.59E-05	1.87E-05	8.33E-07	1.67E-08	3.51E-09	1.95E-05	1.64E-05	6.4E-07	1.6E-08	3.6E-09	2E-05
4228 477863.09, 3856377.25	0.00653	0.00629	0.00666	0.00682	0.00503	1.23E-05	5.5E-07	1.4E-08	5.6E-09	1.28E-05	1.50E-05	6.76E-07	1.34E-08	3.15E-09	1.57E-05	1.33E-05	5.2E-07	1.3E-08	3.2E-09	1E-05
4229 478363.09, 3856377.25	0.00589	0.00583	0.00602	0.00609	0.00482	1.11E-05	5.1E-07	1.2E-08	5.4E-09	1.16E-05	1.36E-05	6.27E-07	1.19E-08	3.01E-09	1.42E-05	1.20E-05	4.8E-07	1.2E-08	3.1E-09	1E-05
4230 478863.09, 3856377.25	0.01235	0.01197	0.01242	0.0129	0.00791	2.32E-05	1.1E-06	2.6E-08	8.8E-09	2.43E-05	2.84E-05	1.29E-06	2.53E-08	4.95E-09	2.98E-05	2.51E-05	9.9E-07	2.5E-08	5.1E-09	3E-05
4231 479363.09, 3856377.25	0.01697	0.0166	0.0169	0.01759	0.00986	3.19E-05	1.5E-06	3.5E-08	1.1E-08	3.34E-05	3.91E-05	1.78E-06	3.45E-08	6.17E-09	4.09E-05	3.45E-05	1.4E-06	3.3E-08	6.4E-09	4E-05
4232 479863.09, 3856377.25	0.03024	0.03127	0.02981	0.03061	0.01508	5.68E-05	2.7E-06	6.1E-08	1.7E-08	5.96E-05	6.96E-05	3.36E-06	6.00E-08	9.43E-09	7.31E-05	6.14E-05	2.6E-06	5.8E-08	9.7E-09	6E-05
4233 480363.09, 3856377.25	0.04591	0.04972	0.04486	0.04548	0.02301	8.63E-05	4.4E-06	9E-08	2.6E-08	9.08E-05	1.06E-04	5.35E-06	8.91E-08	1.44E-08	1.11E-04	9.32E-05	4.1E-06	8.7E-08	1.5E-08	1E-04
4234 480863.09, 3856377.25	0.06042	0.06638	0.05865	0.05888	0.03242	1.14E-04	5.8E-06	1.2E-07	3.6E-08	1.20E-04	1.39E-04	7.14E-06	1.15E-07	2.03E-08	1.46E-04	1.23E-04	5.5E-06	1.1E-07	2.1E-08	0.0001
4235 481363.09, 3856377.25	0.07692	0.08646	0.07446	0.07487	0.04679	1.45E-04	7.6E-06	1.5E-07	5.2E-08	1.52E-04	1.77E-04	9.29E-06	1.47E-07	2.93E-08	1.87E-04	1.56E-04	7.2E-06	1.4E-07	3E-08	0.0002
4236 481863.09, 3856377.25	0.09203	0.0975	0.08876	0.09184	0.07	1.73E-04	8.6E-06	1.8E-07	7.8E-08	1.82E-04	2.12E-04	1.05E-05	1.80E-07	4.38E-08	2.23E-04	1.87E-04	8.1E-06	1.7E-07	4.5E-08	0.0002
4237 482363.09, 3856377.25	0.10381	0.10024	0.09966	0.10532	0.09329	1.95E-04	8.8E-06	2.1E-07	1E-07	2.04E-04	2.39E-04	1.08E-05	2.06E-07	5.83E-08	2.50E-04	2.11E-04	8.3E-06	2E-07	6E-08	0.0002
4238 482863.09, 3856377.25	0.12689	0.12106	0.12358	0.13187	0.11999	2.38E-04	1.1E-05	2.6E-07	1.3E-07	2.49E-04	2.92E-04	1.30E-05	2.58E-07	7.50E-08	3.06E-04	2.58E-04	1E-05	2.5E-07	7.8E-08	0.0003
4239 483363.09, 3856377.25	0.15853	0.15297	0.15817	0.17107	0.15618	2.98E-04	1.3E-05	3.4E-07	1.7E-07	3.12E-04	3.65E-04	1.64E-05	3.35E-07	9.77E-08	3.82E-04	3.22E-04	1.3E-05	3.3E-07	1E-07	0.0003
4240 483863.09, 3856377.25	0.20473	0.17319	0.2083	0.23325	0.21343	3.85E-04	1.5E-05	4.6E-07	2.4E-07	4.01E-04	4.71E-04	1.86E-05	4.57E-07	1.33E-07	4.91E-04	4.16E-04	1.4E-05	4.4E-07	1.4E-07	0.0004
4241 484363.09, 3856377.25	0.27063	0.17037	0.27842	0.32502	0.31339	5.09E-04	1.5E-05	6.5E-07	3.5E-07	5.25E-04	6.23E-04	1.83E-05	6.37E-07	1.96E-07	6.42E-04	5.49E-04	1.4E-05	6.2E-07	2E-07	0.0006
4242 484863.09, 3856377.25	0.39166	0.185	0.40496	0.48733	0.48726	7.36E-04	1.6E-05	9.7E-07	5.4E-07	7.54E-04	9.02E-04	1.99E-05	9.55E-07	3.05E-07	9.23E-04	7.95E-04	1.5E-05	9.3E-07	3.1E-07	0.0008
4243 485363.09, 3856377.25	0.72406	0.23159	0.7242	0.91462	0.75113	1.36E-03	2E-05	1.8E-06	8.4E-07	1.38E-03	1.67E-03	2.49E-05	1.79E-06	4.70E-07	1.69E-03	1.47E-03	1.9E-05	1.7E-06	4.9E-07	0.0015
4244 485863.09, 3856377.25	2.7744	0.27759	3.58588	6.43888	2.07849	5.21E-03	2.4E-05	1.3E-05	2.3E-06	5.25E-03	6.39E-03	2.98E-05	1.26E-05	1.30E-06	6.43E-03	5.63E-03	2.3E-05	1.2E-05	1.3E-06	0.0057
4245 486363.09, 3856377.25	3.5135	0.31989	3.68174	5.60513	2.08211	6.60E-03	2.8E-05	1.1E-05	2.3E-06	6.64E-03	8.09E-03	3.44E-05	1.10E-05	1.30E-06	8.14E-03	7.13E-03	2.6E-05	1.1E-05	1.3E-06	0.0072
4246 486863.09, 3856377.25	1.61946	0.29692	1.73755	2.19187	1.0293	3.04E-03	2.6E-05	4.4E-06	1.2E-06	3.07E-03	3.73E-03	3.19E-05	4.29E-06	6.44E-07	3.77E-03	3.29E-03	2.5E-05	4.2E-06	6.6E-07	0.0033
4247 487363.09, 3856377.25	1.07282	0.27179	1.17995	1.43977	0.79491	2.02E-03	2.4E-05	2.9E-06	8.9E-07	2.04E-03	2.47E-03	2.92E-05	2.82E-06	4.97E-07	2.50E-03	2.18E-03	2.2E-05	2.7E-06	5.1E-07	0.0022
4248 487863.09, 3856377.25	0.80181	0.29148	0.89411	1.0619	0.68602	1.51E-03	2.6E-05	2.1E-06	7.7E-07	1.54E-03	1.85E-03	3.13E-05	2.08E-06	4.29E-07	1.88E-03	1.63E-03	2.4E-05	2E-06	4.4E-07	0.0017
4249 488363.09, 3856377.25	0.63107	0.32786	0.71837	0.82624	0.59322	1.19E-03	2.9E-05	1.6E-06	6.6E-07	1.22E-03	1.45E-03	3.52E-05	1.62E-06	3.71E-07	1.49E-03	1.28E-03	2.7E-05	1.6E-06	3.8E-07	0.0013
4250 488863.09, 3856377.25	0.51377	0.36894	0.59728	0.66108	0.51851	9.65E-04	3.2E-05	1.3E-06	5.8E-07	1.00E-03	1.18E-03	3.97E-05	1.30E-06	3.24E-07	1.22E-03	1.04E-03	3.1E-05	1.3E-06	3.3E-07	0.0011
4251 489363.09, 3856377.25	0.42958	0.37837	0.50779	0.54101	0.45387	8.07E-04	3.3E-05	1.1E-06	5.1E-07	8.42E-04	9.89E-04	4.07E-05	1.06E-06	2.84E-07	1.03E-03	8.72E-04	3.1E-05	1E-06	2.9E-07	0.0009
4252 489863.09, 3856377.25	0.3668	0.36241	0.43863	0.45105	0.39875	6.89E-04	3.2E-05	9E-07	4.5E-07	7.22E-04	8.45E-04	3.90E-05	8.84E-07	2.49E-07	8.85E-04	7.45E-04	3E-05	8.6E-07	2.6E-07	0.0008
4253 490363.09, 3856377.25	0.31756	0.33363	0.38155	0.38209	0.34535	5.97E-04	2.9E-05	7.6E-07	3.9E-07	6.27E-04	7.31E-04	3.59E-05	7.48E-07	2.16E-07	7.68E-04	6.45E-04	2.8E-05	7.3E-07	2.2E-07	0.0007
4254 490863.09, 3856377.25	0.27831	0.30275	0.33321	0.32844	0.29881	5.23E-04	2.7E-05	6.5E-07	3.3E-07	5.51E-04	6.41E-04	3.25E-05	6.43E-07	1.87E-07	6.74E-04	5.65E-04	2.5E-05	6.2E-07	1.9E-07	0.0006
4255 491363.09, 3856377.25	0.24605	0.27253	0.29298	0.2853	0.26268	4.62E-04	2.4E-05	5.7E-07	2.9E-07	4.87E-04	5.67E-04	2.93E-05	5.59E-07	1.64E-07	5.97E-04	5.00E-04	2.3E-05	5.4E-07	1.7E-07	0.0005
4256 491863.09, 3856377.25	0.21852	0.24318	0.25829	0.24988	0.22786	4.11E-04	2.1E-05	5E-07	2.5E-07	4.33E-04	5.03E-04	2.61E-05	4.89E-07	1.43E-07	5.30E-04	4.44E-04	2E-05	4.8E-07	1.5E-07	0.0005
4257 492363.09, 3856377.25	0.19232	0.21371	0.22609	0.21796	0.19125	3.61E-04	1.9E-05	4.3E-07	2.1E-07	3.81E-04	4.43E-04	2.30E-05	4.27E-07	1.20E-07	4.66E-04	3.90E-04	1.8E-05	4.1E-07	1.2E-07	0.0004
4258 492863.09, 3856377.25	0.15873	0.17449	0.18583	0.17953	0.14595	2.98E-04	1.5E-05	3.6E-07	1.6E-07	3.14E-04	3.66E-04	1.88E-05	3.52E-07	9.13E-08	3.85E-04	3.22E-04	1.4E-05	3.4E-07	9.4E-08	0.0003
4259 493363.09, 3856377.25	0.10262	0.10983	0.11744	0.11526	0.09401	1.93E-04	9.6E-06	2.3E-07	1.1E-07	2.03E-04	2.36E-04	1.18E-05	2.26E-07	5.88E-08	2.48E-04	2.08E-04	9.1E-06	2.2E-07	6.1E-08	0.0002
4260 493863.09, 3856377.25	0.07739	0.08218	0.08742	0.0858	0.07373	1.45E-04	7.2E-06	1.7E-07	8.2E-08	1.53E-04	1.78E-04	8.83E-06	1.68E-07	4.61E-08	1.87E-04	1.57E-04	6.8E-06	1.6E-07	4.8E-08	0.0002
4261 494363.09, 3856377.25	0.0547	0.05761	0.06089	0.05971	0.05529	1.03E-04	5.1E-06	1.2E-07	6.2E-08	1.08E-04	1.26E-04	6.19E-06	1.17E-07	3.46E-08	1.32E-04	1.11E-04	4.8E-06	1.1E-07	3.6E-08	0.0001
4262 494863.09, 3856377.25	0.04012	0.0419	0.04418	0.0432	0.04239	7.54E-05	3.7E-06	8.6E-08	4.7E-08	7.92E-05	9.24E-05	4.50E-06	8.46E-08	2.65E-08	9.70E-05	8.15E-05	3.5E-06	8.2E-08	2.7E-08	9E-05
4263 495363.09, 3856377.25	0.03198	0.03317	0.03493	0.03406	0.03427	6.01E-05	2.9E-06	6.8E-08	3.8E-08	6.31E-05	7.36E-05	3.57E-06	6.67E-08	2.14E-08	7.73E-05	6.49E-05	2.7E-06	6.5E-08	2.2E-08	7E-05
4264 495863.09, 3856377.25	0.02988	0.03091	0.03252	0.03156	0.03181	5.62E-05	2.7E-06	6.3E-08	3.6E-08	5.90E-05	6.88E-05	3.32E-06	6.18E-08	1.99E-08	7.22E-05	6.07E-05	2.6E-06	6E-08	2.1E-08	6E-05
4265 496363.09, 3856377.25	0.02925	0.03021	0.03178	0.03096	0.03101	5.50E-05	2.7E-06	6.1E-08	3.5E-08	5.77E-05	6.74E-05	3.25E-06	6.06E-08	1.94E-08	7.07E-05	5.94E-05	2.5E-06	5.9E-08	2E-08	6E-05
4266 496863.09, 3856377.25	0.03071	0.03181	0.03338	0.03236	0.03192	5.77E-05	2.8E-06	6.4E-08	3.6E-08	6.06E-05	7.07E-05	3.42E-06	6.34E-08	2.00E-08	7.42E-05	6.24E-05	2.6E-06	6.2E-08	2.1E-08	7E-05
4267 497363.09, 3856377.25	0.03187	0.03307	0.03464	0.03369	0.0326	5.99E-05	2.9E-06	6.7E-08	3.6E-08	6.29E-05	7.34E-05	3.56E-06	6.60E-08	2.04E-08	7.70E-05	6.47E-05	2.7E-06	6.4E-08	2.1E-08	7E-05
4268 497863.09, 3856377.25	0.03429	0.03575	0.0374	0.03614	0.03404	6.44E-05	3.1E-06	7.2E-08	3.8E-08	6.77E-05	7.90E-05	3.84E-06	7.08E-08	2.13E-08	8.29E-05	6.96E-05	3E-06	6.9E-08	2.2E-08	7E-05
4269 498363.09, 3856377.25	0.03765	0.03948	0.04125	0.03976	0.03633	7.08E-05	3.5E-06	7.9E-08	4.1E-08	7.43E-05	8.67E-05	4.24E-06	7.79E-08	2.27E-08	9.10E-05	7.64E-05	3.3E-06	7.6E-08	2.3E-08	8E-05
4270 471363.09, 3856877.25	0.00916	0.00994	0.00927	0.00929	0.00658	1.72E-05	8.7E-07	1.8E-08	7.4E-09	1.81E-05	2.11E-05	1.07E-06	1.82E-08	4.12E-09	2.22E-05	1.86E-05	8.2E-07	1.8E-08	4.3E-09	2E-05
4271 471863.09, 3856877.25	0.00952	0.01023	0.00964	0.00969	0.00673	1.79E-05	9E-07	1.9E-08	7.5E-09	1.88E-05	2.19E-05	1.10E-06	1.90E-08	4.21E-09	2.30E-05	1.93E-05	8.5E-07	1.8E-08	4.3E-09	2E-05
4272 472363.09, 3856877.25	0.0102	0.01083	0.01031	0.01037	0.0072	1.92E-05	9.5E-07	2.1E-08	8E-09	2.01E-05	2.35E-05	1.16E-06	2.03E-08	4.50E-09	2.47E-05	2.07E-05	9E-07	2E-08	4.7E-09	2E-05
4273 472863.09, 3856877.25	0.01093	0.01149	0.01102	0.0111	0.00769	2.05E-05	1E-06	2.2E-08	8.6E-09	2.16E-05	2.52E-05	1.24E-06	2.17E-08	4.81E-09	2.64E-05	2.22E-05	9.5E-07	2.1E-08	5E-09	2E-05
4274 473363.09, 3856877.25	0.01212	0.01264	0.01214	0.01223	0.00872	2.28E-05	1.1E-06	2.4E-08	9.7E-09	2.39E-05	2.79E-05	1.36E-06	2.40E-08	5.45E-09	2.93E-05	2.46E-05	1E-06	2.3E-08	5.6E-09	3E-05
4275 473863.09, 3856877.25	0.013	0.01346	0.01299	0.0131	0.0093	2.44E-05	1.2E-06	2.6E-08	1E-08	2.56E-05	2.99E-05	1.45E-06	2.57E-08	5.82E-09	3.14E-05	2.64E-05	1.1E-06	2.5E-08	6E-09	3E-05
4276 474363.09, 3856877.25	0.01314	0.01358	0.0132	0.01335	0.00889	2.47E-05	1.2E-06	2.6E-08	9.9E-09	2.59E-05	3.03E-05	1.46E-06	2.62E-08	5.56E-09	3.18E-05	2.67E-05	1.1E-06	2.5E-08	5.7E-09	3E-05
4277 474863.09, 3856877.25	0.01279	0.01319	0.01295	0.01316	0.00815	2.40E-05	1.2E-06	2.6E-08	9.1E-09	2.52E-05	2.95E-05	1.42E-06	2.58E-08	5.10E-09	3.09E-05	2.60E-05	1.1E-06	2.5E-08	5.3E-09	3E-05
4278 475363.09, 3856877.25	0.01133	0.0116	0.01156	0.01183	0.00695	2.13E-05	1E-06	2.3E-08	7.8E-09	2.23E-05	2.61E-05	1.25E-06	2.32E-08	4.35E-09	2.74E-05	2.30E-05	9.6E-07	2.3E-08	4.5E-09	2E-05
4279 475863.09, 3856877.25	0.01154	0.01175	0.01177	0.01206	0.00698	2.17E-05	1E-06	2.4E-08	7.8E-09	2.27E-05	2.66E-05	1.26E-06	2.36E-08	4.37E-09	2.79E-05	2.34E-05	9.7E-07	2.3E-08	4.5E-09	2E-05
4280 476363.09, 3856877.25	0.01018	0.0103	0.01037	0.01067	0.00627	1.91E-05	9E-07	2.1E-08	7E-09	2.01E-05	2.34E-05	1.11E-06	2.09E-08	3.92E-09	2.46E-05	2.07E-05	8.5E-07	2E-08	4.1E-09	2E-05
4281 476863.09, 3856877.25	0.00991	0.01005	0.01006	0.01035	0.00617	1.86E-05	8.8E-07	2.1E-08	6.9E-09	1.95E-05	2.28E-05	1.08E-06	2.03E-08	3.86E-09	2.39E-05	2.01E-05	8.3E-07	2E-08	4E-09	2E-05
4282 477363.09, 3856877.25	0.00881	0.00896	0.00892	0.0092	0.00576	1.66E-05	7.9E-07	1.8E-08	6.4E-09	1.74E-05	2.03E-05	9.63E-07	1.80E-08	3.60E-09	2.13E-05	1.79E-05	7.4E-07	1.8E-08	3.7E-09	2E-05
4283 477863.09, 3856877.25	0.00595	0.00598	0.00605	0.00619	0.00452	1.12E-05	5.2E-07	1.2E-08	5.1E-09	1.17E-05	1.37E-05	6.43E-07	1.21E-08	2.83E-09	1.44E-05	1.21E-05	4.9E-07	1.2E-08	2.9E-09	1E-05
4284 478363.09, 3856877.25	0.0053	0.00523	0.00535	0.00549	0.0043	9.96E-06	4.6E-07	1.1E-08	4.8E-09	1.04E-05	1.22E-05	5.62E-07	1.08E-08	2.69E-09	1.28E-05	1.08E-05	4.3E-07	1E-08	2.8E-09	1E-05

4285	478863.09, 3856877.25	0.00693	0.00683	0.007	0.00723	0.00523	1.30E-05	6E-07	1.4E-08	5.8E-09	1.36E-05	1.60E-05	7.34E-07	1.42E-08	3.27E-09	1.67E-05	1.41E-05	5.6E-07	1.4E-08	3.4E-09	1E-05
4286	479363.09, 3856877.25	0.00966	0.0095	0.00971	0.01015	0.00661	1.82E-05	8.3E-07	2E-08	7.4E-09	1.90E-05	2.22E-05	1.02E-06	1.99E-08	4.13E-09	2.33E-05	1.96E-05	7.9E-07	1.9E-08	4.3E-09	2E-05
4287	479863.09, 3856877.25	0.02762	0.02808	0.02735	0.0285	0.01355	5.19E-05	2.5E-06	5.7E-08	1.5E-08	5.44E-05	6.36E-05	3.02E-06	5.58E-08	8.47E-09	6.67E-05	5.61E-05	2.3E-06	5.4E-08	8.8E-09	6E-05
4288	480363.09, 3856877.25	0.04455	0.04881	0.04436	0.0451	0.02218	8.37E-05	4.3E-06	9E-08	2.5E-08	8.81E-05	1.03E-04	5.25E-06	8.83E-08	1.39E-08	1.08E-04	9.05E-05	4E-06	8.6E-08	1.4E-08	9E-05
4289	480863.09, 3856877.25	0.05879	0.06291	0.05836	0.06008	0.03501	1.10E-04	5.5E-06	1.2E-07	3.9E-08	1.16E-04	1.35E-04	6.76E-06	1.18E-07	2.19E-08	1.42E-04	1.19E-04	5.2E-06	1.1E-07	2.3E-08	0.0001
4290	481363.09, 3856877.25	0.0714	0.06812	0.07019	0.07301	0.05012	1.34E-04	6E-06	1.4E-07	5.6E-08	1.40E-04	1.64E-04	7.32E-06	1.43E-07	3.13E-08	1.72E-04	1.45E-04	5.6E-06	1.4E-07	3.2E-08	0.0002
4291	481863.09, 3856877.25	0.08387	0.07631	0.08231	0.08635	0.06507	1.58E-04	6.7E-06	1.7E-07	7.3E-08	1.65E-04	1.93E-04	8.20E-06	1.69E-07	4.07E-08	2.02E-04	1.70E-04	6.3E-06	1.6E-07	4.2E-08	0.0002
4292	482363.09, 3856877.25	0.09348	0.08466	0.09083	0.09673	0.08927	1.76E-04	7.4E-06	1.9E-07	1E-07	1.83E-04	2.15E-04	9.10E-06	1.89E-07	5.58E-08	2.25E-04	1.90E-04	7E-06	1.8E-07	5.8E-08	0.0002
4293	482863.09, 3856877.25	0.10968	0.10149	0.10793	0.11546	0.10979	2.06E-04	8.9E-06	2.3E-07	1.2E-07	2.15E-04	2.53E-04	1.09E-05	2.26E-07	6.87E-08	2.64E-04	2.23E-04	8.4E-06	2.2E-07	7.1E-08	0.0002
4294	483363.09, 3856877.25	0.13228	0.11917	0.13284	0.14445	0.13829	2.49E-04	1E-05	2.9E-07	1.5E-07	2.59E-04	3.05E-04	1.28E-05	2.83E-07	8.65E-08	3.18E-04	2.69E-04	9.9E-06	2.7E-07	8.9E-08	0.0003
4295	483863.09, 3856877.25	0.16262	0.13065	0.16541	0.18375	0.18133	3.06E-04	1.1E-05	3.6E-07	2E-07	3.18E-04	3.74E-04	1.40E-05	3.60E-07	1.13E-07	3.89E-04	3.30E-04	1.1E-05	3.5E-07	1.2E-07	0.0003
4296	484363.09, 3856877.25	0.20356	0.14046	0.20885	0.23892	0.24366	3.83E-04	1.2E-05	4.7E-07	2.7E-07	3.96E-04	4.69E-04	1.51E-05	4.68E-07	1.52E-07	4.84E-04	4.13E-04	1.2E-05	4.5E-07	1.6E-07	0.0004
4297	484863.09, 3856877.25	0.26076	0.16458	0.26902	0.31344	0.33216	4.90E-04	1.4E-05	6.2E-07	3.7E-07	5.05E-04	6.00E-04	1.77E-05	6.14E-07	2.08E-07	6.19E-04	5.29E-04	1.4E-05	6E-07	2.1E-07	0.0005
4298	485363.09, 3856877.25	0.36932	0.20834	0.38072	0.45547	0.48046	6.94E-04	1.8E-05	9E-07	5.4E-07	7.14E-04	8.50E-04	2.24E-05	8.92E-07	3.00E-07	8.74E-04	7.50E-04	1.7E-05	8.7E-07	3.1E-07	0.0008
4299	485863.09, 3856877.25	0.61685	0.28708	0.62504	0.77249	0.74136	1.16E-03	2.5E-05	1.5E-06	8.3E-07	1.19E-03	1.42E-03	3.09E-05	1.51E-06	4.64E-07	1.45E-03	1.25E-03	2.4E-05	1.5E-06	4.8E-07	0.0013
4300	486363.09, 3856877.25	2.84875	0.48606	2.76255	3.12112	0.77016	5.35E-03	4.3E-05	6.2E-06	8.6E-07	5.40E-03	6.56E-03	5.23E-05	6.11E-06	4.82E-07	6.62E-03	5.78E-03	4E-05	5.9E-06	5E-07	0.0058
4301	486863.09, 3856877.25	4.21364	0.7691	4.80489	8.16661	3.01081	7.92E-03	6.7E-05	1.6E-05	3.4E-06	8.01E-03	9.70E-03	8.27E-05	1.60E-05	1.88E-06	9.80E-03	8.56E-03	6.4E-05	1.6E-05	1.9E-06	0.0086
4302	487363.09, 3856877.25	1.66813	0.74836	1.82996	2.32743	1.34678	3.13E-03	6.6E-05	4.6E-06	1.5E-06	3.21E-03	3.84E-03	8.05E-05	4.56E-06	8.42E-07	3.93E-03	3.39E-03	6.2E-05	4.4E-06	8.7E-07	0.0035
4303	487863.09, 3856877.25	0.98591	1.06368	1.19447	1.36341	1.04493	1.85E-03	9.3E-05	2.7E-06	1.2E-06	1.95E-03	2.27E-03	1.14E-04	2.67E-06	6.54E-07	2.39E-03	2.00E-03	8.8E-05	2.6E-06	6.7E-07	0.0021
4304	488363.09, 3856877.25	0.71099	1.01875	0.88922	0.92947	0.86581	1.34E-03	8.9E-05	1.8E-06	9.7E-07	1.43E-03	1.64E-03	1.10E-04	1.82E-06	5.42E-07	1.75E-03	1.44E-03	8.4E-05	1.8E-06	5.6E-07	0.0015
4305	488863.09, 3856877.25	0.55839	0.8436	0.70936	0.69539	0.71207	1.05E-03	7.4E-05	1.4E-06	8E-07	1.13E-03	1.29E-03	9.07E-05	1.36E-06	4.45E-07	1.38E-03	1.13E-03	7E-05	1.3E-06	4.6E-07	0.0012
4306	489363.09, 3856877.25	0.45716	0.67517	0.58159	0.54644	0.60011	8.59E-04	5.9E-05	1.1E-06	6.7E-07	9.20E-04	1.05E-03	7.26E-05	1.07E-06	3.75E-07	1.13E-03	9.28E-04	5.6E-05	1E-06	3.9E-07	0.001
4307	489863.09, 3856877.25	0.3843	0.54733	0.48713	0.44537	0.50368	7.22E-04	4.8E-05	8.8E-07	5.6E-07	7.72E-04	8.85E-04	5.88E-05	8.72E-07	3.15E-07	9.45E-04	7.80E-04	4.5E-05	8.5E-07	3.3E-07	0.0008
4308	490363.09, 3856877.25	0.32902	0.45133	0.41416	0.37238	0.417	6.18E-04	4E-05	7.4E-07	4.7E-07	6.59E-04	7.58E-04	4.85E-05	7.29E-07	2.61E-07	8.07E-04	6.68E-04	3.7E-05	7.1E-07	2.7E-07	0.0007
4309	490863.09, 3856877.25	0.28505	0.3774	0.3545	0.31678	0.35181	5.36E-04	3.3E-05	6.3E-07	3.9E-07	5.70E-04	6.56E-04	4.06E-05	6.21E-07	2.20E-07	6.98E-04	5.79E-04	3.1E-05	6E-07	2.3E-07	0.0006
4310	491363.09, 3856877.25	0.25013	0.32116	0.3061	0.27415	0.29904	4.70E-04	2.8E-05	5.4E-07	3.3E-07	4.99E-04	5.76E-04	3.45E-05	5.37E-07	1.87E-07	6.11E-04	5.08E-04	2.7E-05	5.2E-07	1.9E-07	0.0005
4311	491863.09, 3856877.25	0.22104	0.2756	0.26629	0.24035	0.25268	4.15E-04	2.4E-05	4.8E-07	2.8E-07	4.40E-04	5.09E-04	2.96E-05	4.71E-07	1.58E-07	5.39E-04	4.49E-04	2.3E-05	4.6E-07	1.6E-07	0.0005
4312	492363.09, 3856877.25	0.18283	0.22163	0.2197	0.20117	0.18269	3.44E-04	1.9E-05	4E-07	2E-07	3.64E-04	4.21E-04	2.38E-05	3.94E-07	1.14E-07	4.45E-04	3.71E-04	1.8E-05	3.8E-07	1.2E-07	0.0004
4313	492863.09, 3856877.25	0.14386	0.16921	0.17065	0.15794	0.13642	2.70E-04	1.5E-05	3.1E-07	1.5E-07	2.86E-04	3.31E-04	1.82E-05	3.09E-07	8.53E-08	3.50E-04	2.92E-04	1.4E-05	3E-07	8.8E-08	0.0003
4314	493363.09, 3856877.25	0.10303	0.11764	0.11931	0.11186	0.09855	1.94E-04	1E-05	2.2E-07	1.1E-07	2.04E-04	2.37E-04	1.26E-05	2.19E-07	6.16E-08	2.50E-04	2.09E-04	9.7E-06	2.1E-07	6.4E-08	0.0002
4315	493863.09, 3856877.25	0.06821	0.0764	0.07718	0.07328	0.06919	1.28E-04	6.7E-06	1.5E-07	7.7E-08	1.35E-04	1.57E-04	8.21E-06	1.44E-07	4.33E-08	1.65E-04	1.38E-04	6.3E-06	1.4E-07	4.5E-08	0.0001
4316	494363.09, 3856877.25	0.04741	0.05261	0.05262	0.0501	0.05073	8.91E-05	4.6E-06	9.9E-08	5.7E-08	9.39E-05	1.09E-04	5.66E-06	9.81E-08	3.17E-08	1.15E-04	9.63E-05	4.4E-06	9.5E-08	3.3E-08	0.0001
4317	494863.09, 3856877.25	0.03888	0.04284	0.04274	0.04072	0.04214	7.31E-05	3.8E-06	8.1E-08	4.7E-08	7.69E-05	8.95E-05	4.61E-06	7.98E-08	2.64E-08	9.42E-05	7.89E-05	3.5E-06	7.7E-08	2.7E-08	8E-05
4318	495363.09, 3856877.25	0.03418	0.03744	0.03735	0.03556	0.03697	6.42E-05	3.3E-06	7.1E-08	4.1E-08	6.76E-05	7.87E-05	4.02E-06	6.97E-08	2.31E-08	8.28E-05	6.94E-05	3.1E-06	6.8E-08	2.4E-08	7E-05
4319	495863.09, 3856877.25	0.03259	0.03559	0.03551	0.03385	0.03495	6.12E-05	3.1E-06	6.7E-08	3.9E-08	6.45E-05	7.50E-05	3.83E-06	6.63E-08	2.19E-08	7.90E-05	6.62E-05	2.9E-06	6.4E-08	2.3E-08	7E-05
4320	496363.09, 3856877.25	0.03166	0.03447	0.03442	0.03282	0.03358	5.95E-05	3E-06	6.5E-08	3.8E-08	6.26E-05	7.29E-05	3.71E-06	6.43E-08	2.10E-08	7.67E-05	6.43E-05	2.9E-06	6.2E-08	2.2E-08	7E-05
4321	496863.09, 3856877.25	0.03198	0.03475	0.03475	0.03299	0.03329	6.01E-05	3E-06	6.5E-08	3.7E-08	6.32E-05	7.36E-05	3.74E-06	6.46E-08	2.08E-08	7.75E-05	6.49E-05	2.9E-06	6.3E-08	2.2E-08	7E-05
4322	497363.09, 3856877.25	0.03344	0.03626	0.0364	0.03454	0.03398	6.28E-05	3.2E-06	6.9E-08	3.8E-08	6.61E-05	7.70E-05	3.90E-06	6.77E-08	2.13E-08	8.10E-05	6.79E-05	3E-06	6.6E-08	2.2E-08	7E-05
4323	497863.09, 3856877.25	0.03747	0.04061	0.041	0.03881	0.0368	7.04E-05	3.6E-06	7.7E-08	4.1E-08	7.41E-05	8.63E-05	4.37E-06	7.60E-08	2.30E-08	9.08E-05	7.61E-05	3.4E-06	7.4E-08	2.4E-08	8E-05
4324	498363.09, 3856877.25	0.04238	0.04603	0.04665	0.04401	0.0404	7.96E-05	4E-06	8.7E-08	4.5E-08	8.38E-05	9.76E-05	4.95E-06	8.62E-08	2.53E-08	1.03E-04	8.60E-05	3.8E-06	8.4E-08	2.6E-08	9E-05
4325	471363.09, 3857377.25	0.00935	0.00922	0.00933	0.00934	0.00694	1.76E-05	8.1E-07	1.9E-08	7.8E-09	1.84E-05	2.15E-05	9.91E-07	1.83E-08	4.34E-09	2.25E-05	1.90E-05	7.6E-07	1.8E-08	4.5E-09	2E-05
4326	471863.09, 3857377.25	0.00969	0.00955	0.00968	0.0097	0.00702	1.82E-05	8.4E-07	1.9E-08	7.8E-09	1.91E-05	2.23E-05	1.03E-06	1.90E-08	4.39E-09	2.34E-05	1.97E-05	7.9E-07	1.8E-08	4.5E-09	2E-05
4327	472363.09, 3857377.25	0.01027	0.01009	0.01025	0.01028	0.00737	1.93E-05	8.9E-07	2E-08	8.2E-09	2.02E-05	2.36E-05	1.08E-06	2.01E-08	4.61E-09	2.48E-05	2.09E-05	8.3E-07	2E-08	4.8E-09	2E-05
4328	472863.09, 3857377.25	0.01101	0.01074	0.01096	0.011	0.00788	2.07E-05	9.4E-07	2.2E-08	8.8E-09	2.17E-05	2.54E-05	1.15E-06	2.15E-08	4.93E-09	2.65E-05	2.24E-05	8.9E-07	2.1E-08	5.1E-09	2E-05
4329	473363.09, 3857377.25	0.01197	0.01157	0.01184	0.01191	0.00863	2.25E-05	1E-06	2.4E-08	9.6E-09	2.35E-05	2.76E-05	1.24E-06	2.33E-08	5.40E-09	2.88E-05	2.43E-05	9.6E-07	2.3E-08	5.6E-09	3E-05
4330	473863.09, 3857377.25	0.01313	0.0126	0.0129	0.01298	0.00963	2.47E-05	1.1E-06	2.6E-08	1.1E-08	2.58E-05	3.02E-05	1.35E-06	2.54E-08	6.02E-09	3.16E-05	2.67E-05	1E-06	2.5E-08	6.2E-09	3E-05
4331	474363.09, 3857377.25	0.01297	0.01258	0.01289	0.01293	0.00876	2.44E-05	1.1E-06	2.6E-08	9.8E-09	2.55E-05	2.99E-05	1.35E-06	2.53E-08	5.48E-09	3.13E-05	2.63E-05	1E-06	2.5E-08	5.7E-09	3E-05
4332	474863.09, 3857377.25	0.01061	0.01053	0.01074	0.01083	0.0065	1.99E-05	9.2E-07	2.1E-08	7.3E-09	2.09E-05	2.44E-05	1.13E-06	2.12E-08	4.07E-09	2.56E-05	2.15E-05	8.7E-07	2.1E-08	4.2E-09	2E-05
4333	475363.09, 3857377.25	0.00748	0.00753	0.00759	0.00775	0.00478	1.41E-05	6.6E-07	1.5E-08	5.3E-09	1.47E-05	1.72E-05	8.09E-07	1.52E-08	2.99E-09	1.81E-05	1.52E-05	6.2E-07	1.5E-08	3.1E-09	2E-05
4334	475863.09, 3857377.25	0.00698	0.007	0.00705	0.00724	0.00453	1.31E-05	6.1E-07	1.4E-08	5.1E-09	1.38E-05	1.61E-05	7.53E-07	1.42E-08	2.83E-09	1.68E-05	1.42E-05	5.8E-07	1.4E-08	2.9E-09	1E-05
4335	476363.09, 3857377.25	0.00946	0.00953	0.00952	0.00973	0.00572	1.78E-05	8.4E-07	1.9E-08	6.4E-09	1.86E-05	2.18E-05	1.02E-06	1.91E-08	3.58E-09	2.28E-05	1.92E-05	7.9E-07	1.9E-08	3.7E-09	2E-05
4336	476863.09, 3857377.25	0.01028	0.01049	0.01031	0.01047	0.00613	1.93E-05	9.2E-07	2.1E-08	6.8E-09	2.03E-05	2.37E-05	1.13E-06	2.05E-08	3.83E-09	2.48E-05	2.09E-05	8.7E-07	2E-08	4E-09	2E-05
4337	477363.09, 3857377.25	0.00896	0.00909	0.00901	0.00934	0.00565	1.68E-05	8E-07	1.9E-08	6.3E-09	1.77E-05	2.06E-05	9.77E-07	1.83E-08	3.53E-09	2.16E-05	1.82E-05	7.5E-07	1.8E-08	3.6E-09	2E-05
4338	477863.09, 3857377.25	0.00658	0.00654	0.0066	0.00687	0.00467	1.24E-05	5.7E-07	1.4E-08	5.2E-09	1.30E-05	1.52E-05	7.03E-07	1.35E-08	2.92E-09	1.59E-05	1.34E-05	5.4E-07	1.3E-08	3E-09	1E-05
4339	478363.09, 3857377.25	0.00497	0.00486	0.00496	0.00512	0.00397	9.34E-06	4.3E-07	1E-08	4.4E-09	9.78E-06	1.14E-05	5.22E-07	1.00E-08	2.48E-09	1.20E-05	1.01E-05	4E-07	9.7E-09	2.6E-09	1E-05
4340	478863.09, 3857377.25	0.00426	0.00418	0.00424	0.00433	0.00362	8.01E-06	3.7E-07	8.6E-09	4E-09	8.38E-06	9.81E-06	4.49E-07	8.48E-09	2.26E-09	1.03E-05	8.65E-06	3.5E-07	8.2E-09	2.3E-09	9E-06
4341	479363.09, 3857377.25	0.00722	0.00732	0.00721	0.00742	0.0052	1.36E-05	6.4E-07	1.5E-08	5.8E-09	1.42E-05	1.66E-05	7.87E-07	1.45E-08	3.25E-09	1.74E-05	1.47E-05	6.1E-07	1.4E-08	3.4E-09	2E-05
4342	479863.09, 3857377.25	0.02272	0.02383	0.02277	0.02396	0.01132	4.27E-05	2.1E-06	4.8E-08	1.3E-08	4.48E-05	5.23E-05	2.56E-06	4.69E-08	7.08E-09	5.49E-05	4.61E-05	2E-06	4.6E-08	7.3E-09	5E-05
4343	480363.09, 3857377.25	0.0183	0.0182	0.01831	0.01942	0.00994	3.44E-05	1.6E-06	3.9E-08	1.1E-08	3.60E-05	4.21E-05	1.96E-06	3.80E-08	6.22E-09	4.41E-05	3.72E-05	1.5E-06	3.7E-08	6.4E-09	4E-05
4344	480863.09, 3857377.25	0.05466	0.04912	0.05474	0.05674	0.03542	1.03E-04	4.3E-06	1.1E-07	4E-08	1.07E-04	1.26E-04	5.28E-06	1.11E-07	2.22E-08	1.31E-04	1.11E-04	4.1E-06	1.1E-07	2.3E-08	0.0001
4345	481363.09, 3857377.25	0.06211	0.05631	0.06253	0.06498	0.03905	1.17E-04	4.9E-06	1.3E-07	4.4E-08	1.22E-04	1.43E-04	6.05E-06	1.27E-07	2.44E-08	1.49E-04	1.26E-04	4.7E-06	1.2E-07	2.5E-08	0.0001
4346	481863.09, 3857377.25	0.07481	0.06671	0.0748	0.0781	0.05459	1.41E-04	5.9E-06	1.6E-07	6.1E-08	1.47E-04	1.72E-04	7.17E-06	1.53E-07	3.41E-08	1.80E-04	1.52E-04	5.5E-06	1.5E-07	3.5E-08	0.0002
4347	482363.09, 3857377.25	0.08491	0.07678	0.08349	0.08866	0.07971	1.60E-04	6.7E-06	1.8E-07	8.9E-08	1.67E-04	1.96E-04	8.25E-06	1.74E-07	4.99E-08	2.04E-04	1.72E-04	6.3E-06	1.7E-07	5.1E-08	0.0002
4348	482863.09, 3857377.25	0.09551	0.08664	0.09463	0.1015	0.09718	1.79E-04	7.6E-06	2E-07	1.1E-07	1.87E-04	2.20E-04	9.31E-06	1.99E-07	6.08E-08	2.30E-04	1.94E-04	7.2E-06	1.9E-07	6.3E-08	0.0002

4349	483363.09, 3857377.25	0.1108	0.0948	0.11123	0.12108	0.11952	2.08E-04	8.3E-06	2.4E-07	1.3E-07	2.17E-04	2.55E-04	1.02E-05	2.37E-07	7.48E-08	2.66E-04	2.25E-04	7.8E-06	2.3E-07	7.7E-08	0.0002
4350	483863.09, 3857377.25	0.13139	0.10552	0.13284	0.14648	0.15016	2.47E-04	9.3E-06	2.9E-07	1.7E-07	2.57E-04	3.03E-04	1.13E-05	2.87E-07	9.39E-08	3.14E-04	2.67E-04	8.7E-06	2.8E-07	9.7E-08	0.0003
4351	484363.09, 3857377.25	0.15626	0.11497	0.15864	0.17777	0.18975	2.94E-04	1E-05	3.5E-07	2.1E-07	3.04E-04	3.60E-04	1.24E-05	3.48E-07	1.19E-07	3.73E-04	3.17E-04	9.5E-06	3.4E-07	1.2E-07	0.0003
4352	484863.09, 3857377.25	0.19018	0.13947	0.19368	0.2178	0.24259	3.57E-04	1.2E-05	4.3E-07	2.7E-07	3.70E-04	4.38E-04	1.50E-05	4.27E-07	1.52E-07	4.54E-04	3.86E-04	1.2E-05	4.1E-07	1.6E-07	0.0004
4353	485363.09, 3857377.25	0.23851	0.18171	0.24506	0.27406	0.31687	4.48E-04	1.6E-05	5.4E-07	3.5E-07	4.65E-04	5.49E-04	1.95E-05	5.37E-07	1.98E-07	5.70E-04	4.84E-04	1.5E-05	5.2E-07	2E-07	0.0005
4354	485863.09, 3857377.25	0.31773	0.27543	0.3311	0.36074	0.43626	5.97E-04	2.4E-05	7.2E-07	4.9E-07	6.22E-04	7.32E-04	2.96E-05	7.07E-07	2.73E-07	7.62E-04	6.45E-04	2.3E-05	6.9E-07	2.8E-07	0.0007
4355	486363.09, 3857377.25	0.51617	0.59441	0.53593	0.55808	0.64807	9.70E-04	5.2E-05	1.1E-06	7.2E-07	1.02E-03	1.19E-03	6.39E-05	1.09E-06	4.05E-07	1.25E-03	1.05E-03	4.9E-05	1.1E-06	4.2E-07	0.0011
4356	486863.09, 3857377.25	1.61622	3.19353	1.35099	1.0088	0.72599	3.04E-03	0.00028	2E-06	8.1E-07	3.32E-03	3.72E-03	3.43E-04	1.98E-06	4.54E-07	4.07E-03	3.28E-03	0.00026	1.9E-06	4.7E-07	0.0035
4357	487363.09, 3857377.25	2.39137	19.38069	4.57778	1.93059	3.68892	4.49E-03	0.0017	3.8E-06	4.1E-06	6.20E-03	5.51E-03	2.08E-03	3.78E-06	2.31E-06	7.60E-03	4.86E-03	0.0016	3.7E-06	2.4E-06	0.0065
4358	487863.09, 3857377.25	1.08055	4.38827	1.71431	1.25496	1.80019	2.03E-03	0.00038	2.5E-06	2E-06	2.42E-03	2.49E-03	4.72E-04	2.46E-06	1.13E-06	2.96E-03	2.19E-03	0.00036	2.4E-06	1.2E-06	0.0026
4359	488363.09, 3857377.25	0.74872	1.9572	1.09372	0.78524	1.26322	1.41E-03	0.00017	1.6E-06	1.4E-06	1.58E-03	1.72E-03	2.10E-04	1.54E-06	7.90E-07	1.94E-03	1.52E-03	0.00016	1.5E-06	8.2E-07	0.0017
4360	488863.09, 3857377.25	0.5672	1.15835	0.77952	0.57068	0.95328	1.07E-03	0.0001	1.1E-06	1.1E-06	1.17E-03	1.31E-03	1.25E-04	1.12E-06	5.96E-07	1.43E-03	1.15E-03	9.6E-05	1.1E-06	6.2E-07	0.0012
4361	489363.09, 3857377.25	0.45294	0.79425	0.59502	0.44881	0.73671	8.51E-04	7E-05	8.9E-07	8.2E-07	9.23E-04	1.04E-03	8.54E-05	8.79E-07	4.61E-07	1.13E-03	9.20E-04	6.6E-05	8.5E-07	4.8E-07	0.001
4362	489863.09, 3857377.25	0.37593	0.59545	0.48035	0.3715	0.57279	7.06E-04	5.2E-05	7.4E-07	6.4E-07	7.60E-04	8.66E-04	6.40E-05	7.28E-07	3.58E-07	9.31E-04	7.63E-04	4.9E-05	7.1E-07	3.7E-07	0.0008
4363	490363.09, 3857377.25	0.3186	0.46704	0.39786	0.31493	0.45648	5.99E-04	4.1E-05	6.3E-07	5.1E-07	6.41E-04	7.34E-04	5.02E-05	6.17E-07	2.86E-07	7.85E-04	6.47E-04	3.9E-05	6E-07	2.9E-07	0.0007
4364	490863.09, 3857377.25	0.27488	0.37858	0.33588	0.27144	0.3736	5.17E-04	3.3E-05	5.4E-07	4.2E-07	5.51E-04	6.33E-04	4.07E-05	5.32E-07	2.34E-07	6.74E-04	5.58E-04	3.1E-05	5.2E-07	2.4E-07	0.0006
4365	491363.09, 3857377.25	0.24017	0.31493	0.28837	0.23736	0.31224	4.51E-04	2.8E-05	4.7E-07	3.5E-07	4.80E-04	5.53E-04	3.39E-05	4.65E-07	1.95E-07	5.88E-04	4.88E-04	2.6E-05	4.5E-07	2E-07	0.0005
4366	491863.09, 3857377.25	0.21059	0.2651	0.24958	0.21137	0.25124	3.96E-04	2.3E-05	4.2E-07	2.8E-07	4.20E-04	4.85E-04	2.85E-05	4.14E-07	1.57E-07	5.14E-04	4.28E-04	2.2E-05	4E-07	1.6E-07	0.0005
4367	492363.09, 3857377.25	0.16459	0.19992	0.1968	0.17161	0.16662	3.09E-04	1.8E-05	3.4E-07	1.9E-07	3.27E-04	3.79E-04	2.15E-05	3.36E-07	1.04E-07	4.01E-04	3.34E-04	1.7E-05	3.3E-07	1.1E-07	0.0004
4368	492863.09, 3857377.25	0.11416	0.13318	0.13363	0.11942	0.11294	2.15E-04	1.2E-05	2.4E-07	1.3E-07	2.27E-04	2.63E-04	1.43E-05	2.34E-07	7.06E-08	2.78E-04	2.32E-04	1.1E-05	2.3E-07	7.3E-08	0.0002
4369	493363.09, 3857377.25	0.07626	0.08703	0.08699	0.07923	0.07884	1.43E-04	7.6E-06	1.6E-07	8.8E-08	1.51E-04	1.76E-04	9.36E-06	1.55E-07	4.93E-08	1.85E-04	1.55E-04	7.2E-06	1.5E-07	5.1E-08	0.0002
4370	493863.09, 3857377.25	0.0616	0.0694	0.06922	0.06351	0.06464	1.16E-04	6.1E-06	1.3E-07	7.2E-08	1.22E-04	1.42E-04	7.46E-06	1.24E-07	4.04E-08	1.49E-04	1.25E-04	5.7E-06	1.2E-07	4.2E-08	0.0001
4371	494363.09, 3857377.25	0.04899	0.0547	0.05423	0.04978	0.0523	9.21E-05	4.8E-06	9.9E-08	5.8E-08	9.70E-05	1.13E-04	5.88E-06	9.75E-08	3.27E-08	1.19E-04	9.95E-05	4.5E-06	9.5E-08	3.4E-08	0.0001
4372	494863.09, 3857377.25	0.04302	0.04776	0.04725	0.04354	0.04597	8.08E-05	4.2E-06	8.6E-08	5.1E-08	8.52E-05	9.91E-05	5.13E-06	8.53E-08	2.88E-08	1.04E-04	8.73E-05	3.9E-06	8.3E-08	3E-08	9E-05
4373	495363.09, 3857377.25	0.03847	0.04248	0.042	0.039	0.04115	7.23E-05	3.7E-06	7.7E-08	4.6E-08	7.61E-05	8.86E-05	4.57E-06	7.64E-08	2.57E-08	9.33E-05	7.81E-05	3.5E-06	7.4E-08	2.7E-08	8E-05
4374	495863.09, 3857377.25	0.03676	0.04039	0.04003	0.03726	0.03882	6.91E-05	3.5E-06	7.4E-08	4.3E-08	7.27E-05	8.47E-05	4.34E-06	7.30E-08	2.43E-08	8.91E-05	7.46E-05	3.3E-06	7.1E-08	2.5E-08	8E-05
4375	496363.09, 3857377.25	0.0358	0.03916	0.03894	0.03633	0.03725	6.73E-05	3.4E-06	7.2E-08	4.2E-08	7.08E-05	8.24E-05	4.21E-06	7.12E-08	2.33E-08	8.67E-05	7.27E-05	3.2E-06	6.9E-08	2.4E-08	8E-05
4376	496863.09, 3857377.25	0.03543	0.03861	0.03852	0.03587	0.03621	6.66E-05	3.4E-06	7.1E-08	4E-08	7.01E-05	8.16E-05	4.15E-06	7.03E-08	2.26E-08	8.58E-05	7.19E-05	3.2E-06	6.8E-08	2.3E-08	8E-05
4377	497363.09, 3857377.25	0.03686	0.04013	0.04017	0.03762	0.03691	6.93E-05	3.5E-06	7.5E-08	4.1E-08	7.29E-05	8.49E-05	4.31E-06	7.37E-08	2.31E-08	8.93E-05	7.48E-05	3.3E-06	7.2E-08	2.4E-08	8E-05
4378	497863.09, 3857377.25	0.03976	0.04335	0.0435	0.04058	0.03872	7.47E-05	3.8E-06	8.1E-08	4.3E-08	7.86E-05	9.16E-05	4.66E-06	7.95E-08	2.42E-08	9.63E-05	8.07E-05	3.6E-06	7.7E-08	2.5E-08	8E-05
4379	498363.09, 3857377.25	0.04808	0.05257	0.05302	0.04935	0.04523	9.04E-05	4.6E-06	9.8E-08	5.1E-08	9.51E-05	1.11E-04	5.65E-06	9.67E-08	2.83E-08	1.16E-04	9.76E-05	4.3E-06	9.4E-08	2.9E-08	0.0001
4380	471363.09, 3857877.25	0.00941	0.00833	0.00917	0.0095	0.00691	1.77E-05	7.3E-07	1.9E-08	7.7E-09	1.84E-05	2.17E-05	8.95E-07	1.86E-08	4.32E-09	2.26E-05	1.91E-05	6.9E-07	1.8E-08	4.5E-09	2E-05
4381	471863.09, 3857877.25	0.00983	0.00871	0.00958	0.00992	0.00708	1.85E-05	7.6E-07	2E-08	7.9E-09	1.93E-05	2.26E-05	9.36E-07	1.94E-08	4.43E-09	2.36E-05	2.00E-05	7.2E-07	1.9E-08	4.6E-09	2E-05
4382	472363.09, 3857877.25	0.01044	0.00929	0.01015	0.0105	0.00745	1.96E-05	8.1E-07	2.1E-08	8.3E-09	2.05E-05	2.40E-05	9.99E-07	2.06E-08	4.66E-09	2.51E-05	2.12E-05	7.7E-07	2E-08	4.8E-09	2E-05
4383	472863.09, 3857877.25	0.01134	0.0102	0.01098	0.01134	0.00818	2.13E-05	8.9E-07	2.3E-08	9.1E-09	2.22E-05	2.61E-05	1.10E-06	2.22E-08	5.12E-09	2.72E-05	2.30E-05	8.4E-07	2.2E-08	5.3E-09	2E-05
4384	473363.09, 3857877.25	0.0121	0.01103	0.0117	0.01206	0.00862	2.27E-05	9.7E-07	2.4E-08	9.6E-09	2.37E-05	2.79E-05	1.19E-06	2.36E-08	5.39E-09	2.91E-05	2.46E-05	9.1E-07	2.3E-08	5.6E-09	3E-05
4385	473863.09, 3857877.25	0.01317	0.01218	0.01267	0.01304	0.00939	2.47E-05	1.1E-06	2.6E-08	1E-08	2.59E-05	3.03E-05	1.31E-06	2.55E-08	5.87E-09	3.17E-05	2.67E-05	1E-06	2.5E-08	6.1E-09	3E-05
4386	474363.09, 3857877.25	0.01286	0.0122	0.01251	0.0129	0.00824	2.42E-05	1.1E-06	2.6E-08	9.2E-09	2.53E-05	2.96E-05	1.31E-06	2.53E-08	5.15E-09	3.10E-05	2.61E-05	1E-06	2.5E-08	5.3E-09	3E-05
4387	474863.09, 3857877.25	0.01016	0.0099	0.01002	0.01045	0.00593	1.91E-05	8.7E-07	2.1E-08	6.6E-09	2.00E-05	2.34E-05	1.06E-06	2.05E-08	3.71E-09	2.45E-05	2.06E-05	8.2E-07	2E-08	3.8E-09	2E-05
4388	475363.09, 3857877.25	0.0056	0.00556	0.00556	0.00583	0.00375	1.05E-05	4.9E-07	1.2E-08	4.2E-09	1.10E-05	1.29E-05	5.98E-07	1.14E-08	2.35E-09	1.35E-05	1.14E-05	4.6E-07	1.1E-08	2.4E-09	1E-05
4389	475863.09, 3857877.25	0.00249	0.00243	0.00248	0.00253	0.0022	4.68E-06	2.1E-07	5E-09	2.5E-09	4.90E-06	5.73E-06	2.61E-07	4.96E-09	1.38E-09	6.00E-06	5.06E-06	2E-07	4.8E-09	1.4E-09	5E-06
4390	476363.09, 3857877.25	0.0065	0.00643	0.00644	0.00682	0.00426	1.22E-05	5.6E-07	1.4E-08	4.8E-09	1.28E-05	1.50E-05	6.91E-07	1.34E-08	2.66E-09	1.57E-05	1.32E-05	5.3E-07	1.3E-08	2.8E-09	1E-05
4391	476863.09, 3857877.25	0.00834	0.00807	0.00828	0.00869	0.00512	1.57E-05	7.1E-07	1.7E-08	5.7E-09	1.64E-05	1.92E-05	8.68E-07	1.70E-08	3.20E-09	2.01E-05	1.69E-05	6.7E-07	1.7E-08	3.3E-09	2E-05
4392	477363.09, 3857877.25	0.00819	0.00779	0.00811	0.0086	0.00511	1.54E-05	6.8E-07	1.7E-08	5.7E-09	1.61E-05	1.89E-05	8.37E-07	1.68E-08	3.20E-09	1.97E-05	1.66E-05	6.4E-07	1.6E-08	3.3E-09	2E-05
4393	477863.09, 3857877.25	0.0079	0.00764	0.0078	0.00819	0.00504	1.48E-05	6.7E-07	1.6E-08	5.6E-09	1.55E-05	1.82E-05	8.21E-07	1.60E-08	3.15E-09	1.90E-05	1.60E-05	6.3E-07	1.6E-08	3.3E-09	2E-05
4394	478363.09, 3857877.25	0.00419	0.00418	0.00411	0.00422	0.00333	7.87E-06	3.7E-07	8.4E-09	3.7E-09	8.25E-06	9.65E-06	4.49E-07	8.27E-09	2.08E-09	1.01E-05	8.51E-06	3.5E-07	8E-09	2.2E-09	9E-06
4395	478863.09, 3857877.25	0.00342	0.00338	0.00335	0.00342	0.00289	6.43E-06	3E-07	6.8E-09	3.2E-09	6.73E-06	7.88E-06	3.63E-07	6.70E-09	1.81E-09	8.25E-06	6.94E-06	2.8E-07	6.5E-09	1.9E-09	7E-06
4396	479363.09, 3857877.25	0.02038	0.02048	0.02064	0.02198	0.0102	3.83E-05	1.8E-06	4.4E-08	1.1E-08	4.01E-05	4.69E-05	2.20E-06	4.31E-08	6.38E-09	4.92E-05	4.14E-05	1.7E-06	4.2E-08	6.6E-09	4E-05
4397	479863.09, 3857877.25	0.03684	0.03375	0.03755	0.0392	0.02172	6.92E-05	3E-06	7.8E-08	2.4E-08	7.23E-05	8.48E-05	3.63E-06	7.68E-08	1.36E-08	8.86E-05	7.48E-05	2.8E-06	7.5E-08	1.4E-08	8E-05
4398	480363.09, 3857877.25	0.04431	0.04047	0.04464	0.04652	0.03033	8.33E-05	3.6E-06	9.2E-08	3.4E-08	8.69E-05	1.02E-04	4.35E-06	9.11E-08	1.90E-08	1.06E-04	9.00E-05	3.3E-06	8.8E-08	2E-08	9E-05
4399	480863.09, 3857877.25	0.0501	0.04602	0.0504	0.05267	0.03449	9.41E-05	4E-06	1E-07	3.9E-08	9.83E-05	1.15E-04	4.95E-06	1.03E-07	2.16E-08	1.20E-04	1.02E-04	3.8E-06	1E-07	2.2E-08	0.0001
4400	481363.09, 3857877.25	0.05696	0.05204	0.05745	0.06006	0.03982	1.07E-04	4.6E-06	1.2E-07	4.4E-08	1.12E-04	1.31E-04	5.59E-06	1.18E-07	2.49E-08	1.37E-04	1.16E-04	4.3E-06	1.1E-07	2.6E-08	0.0001
4401	481863.09, 3857877.25	0.06627	0.06212	0.06713	0.06969	0.04895	1.25E-04	5.4E-06	1.4E-07	5.5E-08	1.30E-04	1.53E-04	6.68E-06	1.37E-07	3.06E-08	1.59E-04	1.35E-04	5.1E-06	1.3E-07	3.2E-08	0.0001
4402	482363.09, 3857877.25	0.07672	0.07157	0.07696	0.08084	0.06716	1.44E-04	6.3E-06	1.6E-07	7.5E-08	1.51E-04	1.77E-04	7.69E-06	1.58E-07	4.20E-08	1.85E-04	1.56E-04	5.9E-06	1.5E-07	4.3E-08	0.0002
4403	482863.09, 3857877.25	0.08217	0.07513	0.08194	0.08748	0.08611	1.54E-04	6.6E-06	1.7E-07	9.6E-08	1.61E-04	1.89E-04	8.08E-06	1.71E-07	5.39E-08	1.98E-04	1.67E-04	6.2E-06	1.7E-07	5.6E-08	0.0002
4404	483363.09, 3857877.25	0.09319	0.08046	0.0937	0.10072	0.10312	1.75E-04	7.1E-06	2E-07	1.2E-07	1.82E-04	2.15E-04	8.65E-06	1.97E-07	6.45E-08	2.24E-04	1.89E-04	6.7E-06	1.9E-07	6.7E-08	0.0002
4405	483863.09, 3857877.25	0.10734	0.08991	0.1083	0.11749	0.124	2.02E-04	7.9E-06	2.3E-07	1.4E-07	2.10E-04	2.47E-04	9.67E-06	2.30E-07	7.76E-08	2.57E-04	2.18E-04	7.4E-06	2.2E-07	8E-08	0.0002
4406	484363.09, 3857877.25	0.12358	0.0994	0.12464	0.13638	0.15007	2.32E-04	8.7E-06	2.7E-07	1.7E-07	2.41E-04	2.85E-04	1.07E-05	2.67E-07	9.39E-08	2.96E-04	2.51E-04	8.2E-06	2.6E-07	9.7E-08	0.0003
4407	484863.09, 3857877.25	0.14393	0.12143	0.14535	0.15767	0.18236	2.70E-04	1.1E-05	3.1E-07	2E-07	2.82E-04	3.31E-04	1.31E-05	3.09E-07	1.14E-07	3.45E-04	2.92E-04	1E-05	3E-07	1.2E-07	0.0003
4408	485363.09, 3857877.25	0.16982	0.16371	0.17272	0.1821	0.22348	3.19E-04	1.4E-05	3.6E-07	2.5E-07	3.34E-04	3.91E-04	1.76E-05	3.57E-07	1.40E-07	4.09E-04	3.45E-04	1.4E-05	3.5E-07	1.4E-07	0.0004
4409	485863.09, 3857877.25	0.20616	0.23536	0.21115	0.20865	0.28427	3.87E-04	2.1E-05	4.1E-07	3.2E-07	4.09E-04	4.75E-04	2.53E-05	4.09E-07	1.78E-07	5.01E-04	4.19E-04	1.9E-05	4E-07	1.8E-07	0.0004
4410	486363.09, 3857877.25	0.26286	0.35198	0.27195	0.24096	0.37855	4.94E-04	3.1E-05	4.8E-07	4.2E-07	5.26E-04	6.05E-04	3.78E-05	4.72E-07	2.37E-07	6.44E-04	5.34E-04	2.9E-05	4.6E-07	2.4E-07	0.0006
4411	486863.09, 3857877.25	0.37589	0.57072	0.38762	0.26643	0.57266	7.06E-04	5E-05	5.3E-07	6.4E-07	7.58E-04	8.66E-04	6.14E-05	5.22E-07	3.58E-07	9.28E-04	7.63E-04	4.7E-05	5.1E-07	3.7E-07	0.0008
4412	487363.09, 3857877.25	0.88276	0.6676	0.7195	0.32707	1.15832	1.66E-03	5.9E-05	6.5E-07	1.3E-06	1.72E-03	2.03E-03	7.18E-05	6.41E-07	7.24E-07	2.11E-03	1.79E-03	5.5E-05	6.2E-07	7.5E-07	0.0018

4413	487863.09, 3857877.25	1.46335	0.81542	1.46832	0.37087	4.92996	2.75E-03	7.2E-05	7.4E-07	5.5E-06	2.83E-03	3.37E-03	8.77E-05	7.27E-07	3.08E-06	3.46E-03	2.97E-03	6.7E-05	7.1E-07	3.2E-06	0.003
4414	488363.09, 3857877.25	0.72284	0.7742	0.78432	0.36265	2.08816	1.36E-03	6.8E-05	7.2E-07	2.3E-06	1.43E-03	1.66E-03	8.32E-05	7.10E-07	1.31E-06	1.75E-03	1.47E-03	6.4E-05	6.9E-07	1.3E-06	0.0015
4415	488863.09, 3857877.25	0.51048	0.63926	0.55641	0.32476	1.10769	9.59E-04	5.6E-05	6.4E-07	1.2E-06	1.02E-03	1.18E-03	6.87E-05	6.36E-07	6.93E-07	1.25E-03	1.04E-03	5.3E-05	6.2E-07	7.2E-07	0.0011
4416	489363.09, 3857877.25	0.40693	0.53699	0.44746	0.29253	0.72603	7.65E-04	4.7E-05	5.8E-07	8.1E-07	8.13E-04	9.37E-04	5.77E-05	5.73E-07	4.54E-07	9.96E-04	8.26E-04	4.4E-05	5.6E-07	4.7E-07	0.0009
4417	489863.09, 3857877.25	0.33852	0.45037	0.37473	0.26217	0.53043	6.36E-04	4E-05	5.2E-07	5.9E-07	6.77E-04	7.80E-04	4.84E-05	5.14E-07	3.32E-07	8.29E-04	6.87E-04	3.7E-05	5E-07	3.4E-07	0.0007
4418	490363.09, 3857877.25	0.28833	0.37513	0.31783	0.23384	0.41748	5.42E-04	3.3E-05	4.6E-07	4.7E-07	5.76E-04	6.64E-04	4.03E-05	4.58E-07	2.61E-07	7.05E-04	5.85E-04	3.1E-05	4.4E-07	2.7E-07	0.0006
4419	490863.09, 3857877.25	0.2492	0.31615	0.275	0.21005	0.34072	4.68E-04	2.8E-05	4.2E-07	3.8E-07	4.97E-04	5.74E-04	3.40E-05	4.11E-07	2.13E-07	6.08E-04	5.06E-04	2.6E-05	4E-07	2.2E-07	0.0005
4420	491363.09, 3857877.25	0.21558	0.26978	0.24217	0.19062	0.26971	4.05E-04	2.4E-05	3.8E-07	3E-07	4.29E-04	4.96E-04	2.90E-05	3.73E-07	1.69E-07	5.26E-04	4.38E-04	2.2E-05	3.6E-07	1.7E-07	0.0005
4421	491863.09, 3857877.25	0.18368	0.22521	0.20909	0.17199	0.20432	3.45E-04	2E-05	3.4E-07	2.3E-07	3.65E-04	4.23E-04	2.42E-05	3.37E-07	1.28E-07	4.48E-04	3.73E-04	1.9E-05	3.3E-07	1.3E-07	0.0004
4422	492363.09, 3857877.25	0.13324	0.15775	0.15402	0.13109	0.13121	2.50E-04	1.4E-05	2.6E-07	1.5E-07	2.65E-04	3.07E-04	1.70E-05	2.57E-07	8.21E-08	3.24E-04	2.71E-04	1.3E-05	2.5E-07	8.5E-08	0.0003
4423	492863.09, 3857877.25	0.08932	0.10176	0.10048	0.08779	0.08956	1.68E-04	8.9E-06	1.7E-07	1E-07	1.77E-04	2.06E-04	1.09E-05	1.72E-07	5.60E-08	2.17E-04	1.81E-04	8.4E-06	1.7E-07	5.8E-08	0.0002
4424	493363.09, 3857877.25	0.0718	0.08024	0.07976	0.07086	0.07307	1.35E-04	7E-06	1.4E-07	8.2E-08	1.42E-04	1.65E-04	8.63E-06	1.39E-07	4.57E-08	1.74E-04	1.46E-04	6.6E-06	1.3E-07	4.7E-08	0.0002
4425	493863.09, 3857877.25	0.06254	0.06886	0.06903	0.06204	0.06389	1.18E-04	6E-06	1.2E-07	7.1E-08	1.24E-04	1.44E-04	7.40E-06	1.22E-07	4.00E-08	1.52E-04	1.27E-04	5.7E-06	1.2E-07	4.1E-08	0.0001
4426	494363.09, 3857877.25	0.05597	0.06088	0.06156	0.05587	0.05723	1.05E-04	5.3E-06	1.1E-07	6.4E-08	1.11E-04	1.29E-04	6.54E-06	1.09E-07	3.58E-08	1.36E-04	1.14E-04	5E-06	1.1E-07	3.7E-08	0.0001
4427	494863.09, 3857877.25	0.04701	0.05065	0.05127	0.04677	0.04864	8.83E-05	4.4E-06	9.3E-08	5.4E-08	9.29E-05	1.08E-04	5.44E-06	9.16E-08	3.04E-08	1.14E-04	9.54E-05	4.2E-06	8.9E-08	3.1E-08	1E-04
4428	495363.09, 3857877.25	0.04356	0.04674	0.04743	0.04349	0.04483	8.19E-05	4.1E-06	8.6E-08	5E-08	8.61E-05	1.00E-04	5.02E-06	8.52E-08	2.80E-08	1.05E-04	8.84E-05	3.9E-06	8.3E-08	2.9E-08	9E-05
4429	495863.09, 3857877.25	0.04066	0.04359	0.04418	0.04073	0.04158	7.64E-05	3.8E-06	8.1E-08	4.6E-08	8.04E-05	9.36E-05	4.69E-06	7.98E-08	2.60E-08	9.84E-05	8.26E-05	3.6E-06	7.7E-08	2.7E-08	9E-05
4430	496363.09, 3857877.25	0.0404	0.04344	0.044	0.04085	0.04075	7.59E-05	3.8E-06	8.1E-08	4.6E-08	7.99E-05	9.30E-05	4.67E-06	8.00E-08	2.55E-08	9.78E-05	8.20E-05	3.6E-06	7.8E-08	2.6E-08	9E-05
4431	496863.09, 3857877.25	0.04024	0.04341	0.04383	0.04062	0.03983	7.56E-05	3.8E-06	8.1E-08	4.5E-08	7.96E-05	9.27E-05	4.67E-06	7.96E-08	2.49E-08	9.74E-05	8.17E-05	3.6E-06	7.7E-08	2.6E-08	9E-05
4432	497363.09, 3857877.25	0.03937	0.04253	0.04287	0.03979	0.03853	7.40E-05	3.7E-06	7.9E-08	4.3E-08	7.78E-05	9.07E-05	4.57E-06	7.79E-08	2.41E-08	9.53E-05	7.99E-05	3.5E-06	7.6E-08	2.5E-08	8E-05
4433	497863.09, 3857877.25	0.04463	0.04852	0.04889	0.04532	0.04235	8.39E-05	4.3E-06	9E-08	4.7E-08	8.83E-05	1.03E-04	5.22E-06	8.88E-08	2.65E-08	1.08E-04	9.06E-05	4E-06	8.6E-08	2.7E-08	9E-05
4434	498363.09, 3857877.25	0.04963	0.05414	0.05467	0.05066	0.0465	9.33E-05	4.7E-06	1E-07	5.2E-08	9.82E-05	1.14E-04	5.82E-06	9.92E-08	2.91E-08	1.20E-04	1.01E-04	4.5E-06	9.6E-08	3E-08	0.0001
4435	471363.09, 3858377.25	0.00966	0.0092	0.00939	0.00969	0.00717	1.82E-05	8.1E-07	1.9E-08	8E-09	1.90E-05	2.22E-05	9.89E-07	1.90E-08	4.48E-09	2.33E-05	1.96E-05	7.6E-07	1.8E-08	4.6E-09	2E-05
4436	471863.09, 3858377.25	0.01012	0.00981	0.00985	0.01015	0.00735	1.90E-05	8.6E-07	2E-08	8.2E-09	1.99E-05	2.33E-05	1.05E-06	1.99E-08	4.60E-09	2.44E-05	2.05E-05	8.1E-07	1.9E-08	4.7E-09	2E-05
4437	472363.09, 3858377.25	0.01065	0.01051	0.01038	0.01067	0.00755	2.00E-05	9.2E-07	2.1E-08	8.4E-09	2.10E-05	2.45E-05	1.13E-06	2.09E-08	4.72E-09	2.57E-05	2.16E-05	8.7E-07	2E-08	4.9E-09	2E-05
4438	472863.09, 3858377.25	0.01146	0.01152	0.01115	0.01141	0.00811	2.15E-05	1E-06	2.3E-08	9.1E-09	2.26E-05	2.64E-05	1.24E-06	2.24E-08	5.07E-09	2.77E-05	2.33E-05	9.5E-07	2.2E-08	5.2E-09	2E-05
4439	473363.09, 3858377.25	0.01272	0.01303	0.01231	0.01253	0.00935	2.39E-05	1.1E-06	2.5E-08	1E-08	2.51E-05	2.93E-05	1.40E-06	2.45E-08	5.85E-09	3.07E-05	2.58E-05	1.1E-06	2.4E-08	6E-09	3E-05
4440	473863.09, 3858377.25	0.01327	0.01395	0.01293	0.01313	0.00923	2.49E-05	1.2E-06	2.6E-08	1E-08	2.62E-05	3.06E-05	1.50E-06	2.57E-08	5.77E-09	3.21E-05	2.69E-05	1.2E-06	2.5E-08	6E-09	3E-05
4441	474363.09, 3858377.25	0.0126	0.01352	0.01246	0.01272	0.00774	2.37E-05	1.2E-06	2.5E-08	8.6E-09	2.49E-05	2.90E-05	1.45E-06	2.49E-08	4.84E-09	3.05E-05	2.56E-05	1.1E-06	2.4E-08	5E-09	3E-05
4442	474863.09, 3858377.25	0.01061	0.01123	0.01061	0.01103	0.00603	1.99E-05	9.9E-07	2.2E-08	6.7E-09	2.10E-05	2.44E-05	1.21E-06	2.16E-08	3.77E-09	2.57E-05	2.15E-05	9.3E-07	2.1E-08	3.9E-09	2E-05
4443	475363.09, 3858377.25	0.00705	0.00709	0.00705	0.00742	0.00428	1.32E-05	6.2E-07	1.5E-08	4.8E-09	1.39E-05	1.62E-05	7.62E-07	1.45E-08	2.68E-09	1.70E-05	1.43E-05	5.9E-07	1.4E-08	2.8E-09	1E-05
4444	475863.09, 3858377.25	0.00489	0.00473	0.00485	0.0051	0.00337	9.19E-06	4.1E-07	1E-08	3.8E-09	9.62E-06	1.13E-05	5.08E-07	9.99E-09	2.11E-09	1.18E-05	9.93E-06	3.9E-07	9.7E-09	2.2E-09	1E-05
4445	476363.09, 3858377.25	0.00541	0.00517	0.00534	0.00562	0.00364	1.02E-05	4.5E-07	1.1E-08	4.1E-09	1.06E-05	1.25E-05	5.56E-07	1.10E-08	2.28E-09	1.30E-05	1.10E-05	4.3E-07	1.1E-08	2.4E-09	1E-05
4446	476863.09, 3858377.25	0.00611	0.00595	0.00601	0.00618	0.00395	1.15E-05	5.2E-07	1.2E-08	4.4E-09	1.20E-05	1.41E-05	6.40E-07	1.21E-08	2.47E-09	1.47E-05	1.24E-05	4.9E-07	1.2E-08	2.6E-09	1E-05
4447	477363.09, 3858377.25	0.00578	0.00583	0.00567	0.0059	0.00384	1.09E-05	5.1E-07	1.2E-08	4.3E-09	1.14E-05	1.33E-05	6.27E-07	1.16E-08	2.40E-09	1.40E-05	1.17E-05	4.8E-07	1.1E-08	2.5E-09	1E-05
4448	477863.09, 3858377.25	0.00818	0.0086	0.00812	0.00851	0.00487	1.54E-05	7.5E-07	1.7E-08	5.4E-09	1.61E-05	1.88E-05	9.25E-07	1.67E-08	3.05E-09	1.98E-05	1.66E-05	7.1E-07	1.6E-08	3.1E-09	2E-05
4449	478363.09, 3858377.25	0.00894	0.00916	0.00895	0.00942	0.00528	1.68E-05	8E-07	1.9E-08	5.9E-09	1.76E-05	2.06E-05	9.85E-07	1.85E-08	3.30E-09	2.16E-05	1.82E-05	7.6E-07	1.8E-08	3.4E-09	2E-05
4450	478863.09, 3858377.25	0.0058	0.00568	0.00573	0.00603	0.00399	1.09E-05	5E-07	1.2E-08	4.5E-09	1.14E-05	1.34E-05	6.11E-07	1.18E-08	2.50E-09	1.40E-05	1.18E-05	4.7E-07	1.1E-08	2.6E-09	1E-05
4451	479363.09, 3858377.25	0.0212	0.02088	0.02207	0.02257	0.0108	3.98E-05	1.8E-06	4.5E-08	1.2E-08	4.17E-05	4.88E-05	2.24E-06	4.42E-08	6.75E-09	5.11E-05	4.30E-05	1.7E-06	4.3E-08	7E-09	4E-05
4452	479863.09, 3858377.25	0.03609	0.03419	0.03694	0.03785	0.02415	6.78E-05	3E-06	7.5E-08	2.7E-08	7.09E-05	8.31E-05	3.68E-06	7.41E-08	1.51E-08	8.69E-05	7.33E-05	2.8E-06	7.2E-08	1.6E-08	8E-05
4453	480363.09, 3858377.25	0.04195	0.03833	0.04213	0.04365	0.03187	7.88E-05	3.4E-06	8.7E-08	3.6E-08	8.23E-05	9.66E-05	4.12E-06	8.55E-08	1.99E-08	1.01E-04	8.52E-05	3.2E-06	8.3E-08	2.1E-08	9E-05
4454	480863.09, 3858377.25	0.04667	0.04195	0.04686	0.04854	0.03542	8.77E-05	3.7E-06	9.6E-08	4E-08	9.15E-05	1.07E-04	4.51E-06	9.51E-08	2.22E-08	1.12E-04	9.48E-05	3.5E-06	9.2E-08	2.3E-08	1E-04
4455	481363.09, 3858377.25	0.05253	0.04844	0.05315	0.05469	0.0407	9.87E-05	4.2E-06	1.1E-07	4.5E-08	1.03E-04	1.21E-04	5.21E-06	1.07E-07	2.55E-08	1.26E-04	1.07E-04	4E-06	1E-07	2.6E-08	0.0001
4456	481863.09, 3858377.25	0.05922	0.05491	0.06027	0.06219	0.04503	1.11E-04	4.8E-06	1.2E-07	5E-08	1.16E-04	1.36E-04	5.90E-06	1.22E-07	2.82E-08	1.42E-04	1.20E-04	4.5E-06	1.2E-07	2.9E-08	0.0001
4457	482363.09, 3858377.25	0.06733	0.06327	0.06893	0.07144	0.0541	1.27E-04	5.6E-06	1.4E-07	6E-08	1.32E-04	1.55E-04	6.80E-06	1.40E-07	3.38E-08	1.62E-04	1.37E-04	5.2E-06	1.4E-07	3.5E-08	0.0001
4458	482863.09, 3858377.25	0.07555	0.06839	0.07672	0.08075	0.07209	1.42E-04	6E-06	1.6E-07	8.1E-08	1.48E-04	1.74E-04	7.35E-06	1.58E-07	4.51E-08	1.82E-04	1.53E-04	5.7E-06	1.5E-07	4.7E-08	0.0002
4459	483363.09, 3858377.25	0.0803	0.07243	0.08097	0.08568	0.08896	1.51E-04	6.4E-06	1.7E-07	9.9E-08	1.58E-04	1.85E-04	7.79E-06	1.68E-07	5.56E-08	1.93E-04	1.63E-04	6E-06	1.6E-07	5.7E-08	0.0002
4460	483863.09, 3858377.25	0.08799	0.08025	0.08875	0.09412	0.10291	1.65E-04	7E-06	1.9E-07	1.1E-07	1.73E-04	2.03E-04	8.63E-06	1.84E-07	6.44E-08	2.12E-04	1.79E-04	6.6E-06	1.8E-07	6.6E-08	0.0002
4461	484363.09, 3858377.25	0.09916	0.09295	0.09997	0.10554	0.12067	1.86E-04	8.2E-06	2.1E-07	1.3E-07	1.95E-04	2.28E-04	9.99E-06	2.07E-07	7.55E-08	2.39E-04	2.01E-04	7.7E-06	2E-07	7.8E-08	0.0002
4462	484863.09, 3858377.25	0.11149	0.11127	0.11217	0.11553	0.14083	2.10E-04	9.8E-06	2.3E-07	1.6E-07	2.20E-04	2.57E-04	1.20E-05	2.26E-07	8.81E-08	2.69E-04	2.26E-04	9.2E-06	2.2E-07	9.1E-08	0.0002
4463	485363.09, 3858377.25	0.12598	0.12985	0.12637	0.12648	0.16348	2.37E-04	1.1E-05	2.5E-07	1.8E-07	2.49E-04	2.90E-04	1.40E-05	2.48E-07	1.02E-07	3.04E-04	2.56E-04	1.1E-05	2.4E-07	1.1E-07	0.0003
4464	485863.09, 3858377.25	0.14498	0.14882	0.14427	0.13833	0.19479	2.72E-04	1.3E-05	2.7E-07	2.2E-07	2.86E-04	3.34E-04	1.60E-05	2.71E-07	1.22E-07	3.50E-04	2.94E-04	1.2E-05	2.6E-07	1.3E-07	0.0003
4465	486363.09, 3858377.25	0.16882	0.20006	0.16533	0.14459	0.23537	3.17E-04	1.8E-05	2.9E-07	2.6E-07	3.35E-04	3.89E-04	2.15E-05	2.83E-07	1.47E-07	4.11E-04	3.43E-04	1.7E-05	2.8E-07	1.5E-07	0.0004
4466	486863.09, 3858377.25	0.20071	0.23355	0.18788	0.14732	0.29011	3.77E-04	2E-05	2.9E-07	3.2E-07	3.98E-04	4.62E-04	2.51E-05	2.89E-07	1.81E-07	4.88E-04	4.08E-04	1.9E-05	2.8E-07	1.9E-07	0.0004
4467	487363.09, 3858377.25	0.25924	0.22105	0.21168	0.15382	0.3696	4.87E-04	1.9E-05	3.1E-07	4.1E-07	5.07E-04	5.97E-04	2.38E-05	3.01E-07	2.31E-07	6.21E-04	5.26E-04	1.8E-05	2.9E-07	2.4E-07	0.0005
4468	487863.09, 3858377.25	0.44294	0.2489	0.22652	0.16271	0.47014	8.32E-04	2.2E-05	3.2E-07	5.3E-07	8.55E-04	1.02E-03	2.68E-05	3.19E-07	2.94E-07	1.05E-03	8.99E-04	2.1E-05	3.1E-07	3E-07	0.0009
4469	488363.09, 3858377.25	1.13697	0.26901	0.24335	0.16838	0.51478	2.14E-03	2.4E-05	3.3E-07	5.8E-07	2.16E-03	2.62E-03	2.89E-05	3.30E-07	3.22E-07	2.65E-03	2.31E-03	2.2E-05	3.2E-07	3.3E-07	0.0023
4470	488863.09, 3858377.25	0.52049	0.2762	0.24675	0.16233	0.47946	9.78E-04	2.4E-05	3.2E-07	5.4E-07	1.00E-03	1.20E-03	2.97E-05	3.18E-07	3.00E-07	1.23E-03	1.06E-03	2.3E-05	3.1E-07	3.1E-07	0.0011
4471	489363.09, 3858377.25	0.37551	0.28352	0.24749	0.17021	0.41342	7.06E-04	2.5E-05	3.4E-07	4.6E-07	7.31E-04	8.65E-04	3.05E-05	3.33E-07	2.59E-07	8.96E-04	7.62E-04	2.3E-05	3.2E-07	2.7E-07	0.0008
4472	489863.09, 3858377.25	0.3024	0.26649	0.23634	0.16969	0.35364	5.68E-04	2.3E-05	3.4E-07	4E-07	5.92E-04	6.96E-04	2.86E-05	3.32E-07	2.21E-07	7.26E-04	6.14E-04	2.2E-05	3.2E-07	2.3E-07	0.0006
4473	490363.09, 3858377.25	0.25243	0.2476	0.22079	0.1629	0.30282	4.74E-04	2.2E-05	3.2E-07	3.4E-07	4.97E-04	5.81E-04	2.66E-05	3.19E-07	1.89E-07	6.08E-04	5.13E-04	2E-05	3.1E-07	2E-07	0.0005
4474	490863.09, 3858377.25	0.21592	0.22834	0.20352	0.15337	0.26019	4.06E-04	2E-05	3E-07	2.9E-07	4.26E-04	4.97E-04	2.45E-05	3.00E-07	1.63E-07	5.22E-04	4.38E-04	1.9E-05	2.9E-07	1.7E-07	0.0005
4475	491363.09, 3858377.25	0.18454	0.20901	0.18773	0.14413	0.21081	3.47E-04	1.8E-05	2.9E-07	2.4E-07	3.66E-04	4.25E-04	2.25E-05	2.82E-07	1.32E-07	4.48E-04	3.75E-04	1.7E-05	2.7E-07	1.4E-07	0.0004
4476	491863.09, 3858377.25	0.14557	0.17259	0.15904	0.12754	0.14335	2.74E-04	1.5E-05	2.5E-07	1.6E-07	2.89E-04	3.35E-04	1.86E-05	2.50E-07	8.97E-08	3.54E-04	2.96E-04	1.4E-05	2.4E-07	9.3E-08	0.0003

4477	492363.09, 3858377.25	0.09533	0.111	0.10467	0.08722	0.09042	1.79E-04	9.7E-06	1.7E-07	1E-07	1.89E-04	2.20E-04	1.19E-05	1.71E-07	5.66E-08	2.32E-04	1.94E-04	9.2E-06	1.7E-07	5.8E-08	0.0002
4478	492863.09, 3858377.25	0.09826	0.11458	0.10945	0.09289	0.09262	1.85E-04	1E-05	1.8E-07	1E-07	1.95E-04	2.26E-04	1.23E-05	1.82E-07	5.79E-08	2.39E-04	2.00E-04	9.5E-06	1.8E-07	6E-08	0.0002
4479	493363.09, 3858377.25	0.08161	0.09314	0.09017	0.07804	0.07755	1.53E-04	8.2E-06	1.5E-07	8.7E-08	1.62E-04	1.88E-04	1.00E-05	1.53E-07	4.85E-08	1.98E-04	1.66E-04	7.7E-06	1.5E-07	5E-08	0.0002
4480	493863.09, 3858377.25	0.07263	0.0818	0.08004	0.07038	0.06925	1.36E-04	7.2E-06	1.4E-07	7.7E-08	1.44E-04	1.67E-04	8.79E-06	1.38E-07	4.33E-08	1.76E-04	1.47E-04	6.8E-06	1.3E-07	4.5E-08	0.0002
4481	494363.09, 3858377.25	0.06328	0.07025	0.06939	0.06183	0.06072	1.19E-04	6.2E-06	1.2E-07	6.8E-08	1.25E-04	1.46E-04	7.55E-06	1.21E-07	3.80E-08	1.53E-04	1.28E-04	5.8E-06	1.2E-07	3.9E-08	0.0001
4482	494863.09, 3858377.25	0.05589	0.06114	0.06102	0.05494	0.05398	1.05E-04	5.4E-06	1.1E-07	6E-08	1.11E-04	1.29E-04	6.57E-06	1.08E-07	3.38E-08	1.35E-04	1.13E-04	5.1E-06	1E-07	3.5E-08	0.0001
4483	495363.09, 3858377.25	0.04819	0.05191	0.05235	0.04754	0.04708	9.06E-05	4.6E-06	9.4E-08	5.3E-08	9.53E-05	1.11E-04	5.58E-06	9.31E-08	2.94E-08	1.17E-04	9.78E-05	4.3E-06	9E-08	3E-08	0.0001
4484	495863.09, 3858377.25	0.04628	0.04933	0.05036	0.04603	0.04504	8.70E-05	4.3E-06	9.1E-08	5E-08	9.14E-05	1.07E-04	5.30E-06	9.02E-08	2.82E-08	1.12E-04	9.40E-05	4.1E-06	8.8E-08	2.9E-08	1E-04
4485	496363.09, 3858377.25	0.04408	0.04661	0.04801	0.04413	0.0428	8.28E-05	4.1E-06	8.8E-08	4.8E-08	8.71E-05	1.02E-04	5.01E-06	8.64E-08	2.68E-08	1.07E-04	8.95E-05	3.9E-06	8.4E-08	2.8E-08	9E-05
4486	496863.09, 3858377.25	0.04546	0.04796	0.04975	0.04588	0.04352	8.54E-05	4.2E-06	9.1E-08	4.9E-08	8.98E-05	1.05E-04	5.16E-06	8.99E-08	2.72E-08	1.10E-04	9.23E-05	4E-06	8.7E-08	2.8E-08	1E-04
4487	497363.09, 3858377.25	0.04498	0.04749	0.04933	0.04578	0.04283	8.45E-05	4.2E-06	9.1E-08	4.8E-08	8.88E-05	1.04E-04	5.11E-06	8.97E-08	2.68E-08	1.09E-04	9.13E-05	3.9E-06	8.7E-08	2.8E-08	1E-04
4488	497863.09, 3858377.25	0.04887	0.05198	0.05385	0.04975	0.04595	9.18E-05	4.6E-06	9.9E-08	5.1E-08	9.65E-05	1.13E-04	5.59E-06	9.75E-08	2.87E-08	1.18E-04	9.92E-05	4.3E-06	9.5E-08	3E-08	0.0001
4489	498363.09, 3858377.25	0.05356	0.05764	0.05915	0.05436	0.05095	1.01E-04	5.1E-06	1.1E-07	5.7E-08	1.06E-04	1.23E-04	6.20E-06	1.06E-07	3.19E-08	1.30E-04	1.09E-04	4.8E-06	1E-07	3.3E-08	0.0001
4490	471363.09, 3858877.25	0.00975	0.01029	0.0096	0.00964	0.00738	1.83E-05	9E-07	1.9E-08	8.2E-09	1.93E-05	2.25E-05	1.11E-06	1.89E-08	4.62E-09	2.36E-05	1.98E-05	8.5E-07	1.8E-08	4.8E-09	2E-05
4491	471863.09, 3858877.25	0.01022	0.01101	0.0101	0.0101	0.00754	1.92E-05	9.7E-07	2E-08	8.4E-09	2.02E-05	2.35E-05	1.18E-06	1.98E-08	4.72E-09	2.47E-05	2.08E-05	9.1E-07	1.9E-08	4.9E-09	2E-05
4492	472363.09, 3858877.25	0.01103	0.01206	0.01089	0.01086	0.00819	2.07E-05	1.1E-06	2.2E-08	9.2E-09	2.18E-05	2.54E-05	1.30E-06	2.13E-08	5.12E-09	2.67E-05	2.24E-05	1E-06	2.1E-08	5.3E-09	2E-05
4493	472863.09, 3858877.25	0.01183	0.013	0.01168	0.01164	0.00877	2.22E-05	1.1E-06	2.3E-08	9.8E-09	2.34E-05	2.72E-05	1.40E-06	2.28E-08	5.49E-09	2.87E-05	2.40E-05	1.1E-06	2.2E-08	5.7E-09	3E-05
4494	473363.09, 3858877.25	0.01286	0.01397	0.01268	0.01265	0.00987	2.42E-05	1.2E-06	2.5E-08	1.1E-08	2.54E-05	2.96E-05	1.50E-06	2.48E-08	6.17E-09	3.11E-05	2.61E-05	1.2E-06	2.4E-08	6.4E-09	3E-05
4495	473863.09, 3858877.25	0.01344	0.01446	0.01334	0.01333	0.00991	2.53E-05	1.3E-06	2.6E-08	1.1E-08	2.66E-05	3.09E-05	1.55E-06	2.61E-08	6.20E-09	3.25E-05	2.73E-05	1.2E-06	2.5E-08	6.4E-09	3E-05
4496	474363.09, 3858877.25	0.01312	0.01393	0.0132	0.01327	0.00863	2.47E-05	1.2E-06	2.6E-08	9.6E-09	2.59E-05	3.02E-05	1.50E-06	2.60E-08	5.40E-09	3.17E-05	2.66E-05	1.2E-06	2.5E-08	5.6E-09	3E-05
4497	474863.09, 3858877.25	0.00676	0.00668	0.00681	0.0071	0.00408	1.27E-05	5.9E-07	1.4E-08	4.6E-09	1.33E-05	1.56E-05	7.18E-07	1.39E-08	2.55E-09	1.63E-05	1.37E-05	5.5E-07	1.4E-08	2.6E-09	1E-05
4498	475363.09, 3858877.25	0.00484	0.00461	0.00478	0.00504	0.00321	9.10E-06	4E-07	1E-08	3.6E-09	9.51E-06	1.11E-05	4.96E-07	9.87E-09	2.01E-09	1.17E-05	9.83E-06	3.8E-07	9.6E-09	2.1E-09	1E-05
4499	475863.09, 3858877.25	0.00571	0.00558	0.00564	0.00587	0.00361	1.07E-05	4.9E-07	1.2E-08	4E-09	1.12E-05	1.31E-05	6.00E-07	1.15E-08	2.26E-09	1.38E-05	1.16E-05	4.6E-07	1.1E-08	2.3E-09	1E-05
4500	476363.09, 3858877.25	0.00343	0.00333	0.0033	0.00347	0.00254	6.45E-06	2.9E-07	6.9E-09	2.8E-09	6.75E-06	7.90E-06	3.58E-07	6.80E-09	1.59E-09	8.27E-06	6.96E-06	2.8E-07	6.6E-09	1.6E-09	7E-06
4501	476863.09, 3858877.25	0.0045	0.00447	0.00436	0.00455	0.00304	8.46E-06	3.9E-07	9E-09	3.4E-09	8.86E-06	1.04E-05	4.81E-07	8.91E-09	1.90E-09	1.09E-05	9.14E-06	3.7E-07	8.7E-09	2E-09	1E-05
4502	477363.09, 3858877.25	0.00467	0.00456	0.00452	0.00483	0.00319	8.78E-06	4E-07	9.6E-09	3.6E-09	9.19E-06	1.08E-05	4.90E-07	9.46E-09	2.00E-09	1.13E-05	9.48E-06	3.8E-07	9.2E-09	2.1E-09	1E-05
4503	477863.09, 3858877.25	0.00605	0.00589	0.00598	0.00637	0.00387	1.14E-05	5.2E-07	1.3E-08	4.3E-09	1.19E-05	1.39E-05	6.33E-07	1.25E-08	2.42E-09	1.46E-05	1.23E-05	4.9E-07	1.2E-08	2.5E-09	1E-05
4504	478363.09, 3858877.25	0.01383	0.01308	0.01427	0.01483	0.00739	2.60E-05	1.1E-06	2.9E-08	8.3E-09	2.72E-05	3.18E-05	1.41E-06	2.91E-08	4.62E-09	3.33E-05	2.81E-05	1.1E-06	2.8E-08	4.8E-09	3E-05
4505	478863.09, 3858877.25	0.01165	0.01132	0.01181	0.01238	0.00641	2.19E-05	9.9E-07	2.5E-08	7.2E-09	2.29E-05	2.68E-05	1.22E-06	2.43E-08	4.01E-09	2.81E-05	2.37E-05	9.4E-07	2.4E-08	4.1E-09	2E-05
4506	479363.09, 3858877.25	0.00923	0.00887	0.0092	0.0099	0.0054	1.73E-05	7.8E-07	2E-08	6E-09	1.81E-05	2.13E-05	9.54E-07	1.94E-08	3.38E-09	2.22E-05	1.87E-05	7.3E-07	1.9E-08	3.5E-09	2E-05
4507	479863.09, 3858877.25	0.03455	0.03054	0.0349	0.03621	0.02616	6.49E-05	2.7E-06	7.2E-08	2.9E-08	6.77E-05	7.96E-05	3.28E-06	7.09E-08	1.64E-08	8.29E-05	7.01E-05	2.5E-06	6.9E-08	1.7E-08	7E-05
4508	480363.09, 3858877.25	0.03882	0.03408	0.03895	0.04028	0.03167	7.30E-05	3E-06	8E-08	3.5E-08	7.61E-05	8.94E-05	3.66E-06	7.89E-08	1.98E-08	9.32E-05	7.88E-05	2.8E-06	7.7E-08	2E-08	8E-05
4509	480863.09, 3858877.25	0.04301	0.03962	0.04312	0.04454	0.03612	8.08E-05	3.5E-06	8.8E-08	4E-08	8.44E-05	9.90E-05	4.26E-06	8.73E-08	2.26E-08	1.03E-04	8.73E-05	3.3E-06	8.5E-08	2.3E-08	9E-05
4510	481363.09, 3858877.25	0.04756	0.04534	0.04801	0.04955	0.04002	8.94E-05	4E-06	9.8E-08	4.5E-08	9.35E-05	1.10E-04	4.87E-06	9.71E-08	2.50E-08	1.15E-04	9.66E-05	3.7E-06	9.4E-08	2.6E-08	0.0001
4511	481863.09, 3858877.25	0.05296	0.05197	0.05373	0.05524	0.04541	9.95E-05	4.6E-06	1.1E-07	5.1E-08	1.04E-04	1.22E-04	5.59E-06	1.08E-07	2.84E-08	1.28E-04	1.08E-04	4.3E-06	1.1E-07	2.9E-08	0.0001
4512	482363.09, 3858877.25	0.05865	0.05897	0.06036	0.06194	0.04996	1.10E-04	5.2E-06	1.2E-07	5.6E-08	1.16E-04	1.35E-04	6.34E-06	1.21E-07	3.12E-08	1.42E-04	1.19E-04	4.9E-06	1.2E-07	3.2E-08	0.0001
4513	482863.09, 3858877.25	0.06515	0.06414	0.06726	0.06901	0.05846	1.22E-04	5.6E-06	1.4E-07	6.5E-08	1.28E-04	1.50E-04	6.90E-06	1.35E-07	3.66E-08	1.57E-04	1.32E-04	5.3E-06	1.3E-07	3.8E-08	0.0001
4514	483363.09, 3858877.25	0.06783	0.0676	0.06848	0.07067	0.07594	1.27E-04	5.9E-06	1.4E-07	8.5E-08	1.34E-04	1.56E-04	7.27E-06	1.38E-07	4.75E-08	1.64E-04	1.38E-04	5.6E-06	1.3E-07	4.9E-08	0.0001
4515	483863.09, 3858877.25	0.07306	0.07312	0.07371	0.0754	0.08568	1.37E-04	6.4E-06	1.5E-07	9.6E-08	1.44E-04	1.68E-04	7.86E-06	1.48E-07	5.36E-08	1.76E-04	1.48E-04	6E-06	1.4E-07	5.5E-08	0.0002
4516	484363.09, 3858877.25	0.08057	0.07731	0.08062	0.08222	0.09743	1.51E-04	6.8E-06	1.6E-07	1.1E-07	1.58E-04	1.86E-04	8.31E-06	1.61E-07	6.09E-08	1.94E-04	1.64E-04	6.4E-06	1.6E-07	6.3E-08	0.0002
4517	484863.09, 3858877.25	0.08849	0.08011	0.08745	0.08857	0.11016	1.66E-04	7E-06	1.8E-07	1.2E-07	1.74E-04	2.04E-04	8.61E-06	1.74E-07	6.89E-08	2.13E-04	1.80E-04	6.6E-06	1.7E-07	7.1E-08	0.0002
4518	485363.09, 3858877.25	0.09699	0.09226	0.09452	0.09409	0.12297	1.82E-04	8.1E-06	1.9E-07	1.4E-07	1.91E-04	2.23E-04	9.92E-06	1.84E-07	7.69E-08	2.34E-04	1.97E-04	7.6E-06	1.8E-07	7.9E-08	0.0002
4519	485863.09, 3858877.25	0.10686	0.11159	0.10217	0.09867	0.13867	2.01E-04	9.8E-06	2E-07	1.5E-07	2.11E-04	2.46E-04	1.20E-05	1.93E-07	8.67E-08	2.58E-04	2.17E-04	9.2E-06	1.9E-07	9E-08	0.0002
4520	486363.09, 3858877.25	0.11701	0.12987	0.1092	0.09923	0.15368	2.20E-04	1.1E-05	2E-07	1.7E-07	2.32E-04	2.69E-04	1.40E-05	1.94E-07	9.61E-08	2.84E-04	2.38E-04	1.1E-05	1.9E-07	9.9E-08	0.0002
4521	486863.09, 3858877.25	0.13065	0.13357	0.11639	0.09925	0.16946	2.46E-04	1.2E-05	2E-07	1.9E-07	2.58E-04	3.01E-04	1.44E-05	1.94E-07	1.06E-07	3.16E-04	2.65E-04	1.1E-05	1.9E-07	1.1E-07	0.0003
4522	487363.09, 3858877.25	0.15243	0.12673	0.12044	0.1026	0.18959	2.86E-04	1.1E-05	2E-07	2.1E-07	2.98E-04	3.51E-04	1.36E-05	2.01E-07	1.19E-07	3.65E-04	3.09E-04	1E-05	2E-07	1.2E-07	0.0003
4523	487863.09, 3858877.25	0.18274	0.13247	0.12297	0.10371	0.19116	3.43E-04	1.2E-05	2.1E-07	2.1E-07	3.55E-04	4.21E-04	1.42E-05	2.03E-07	1.20E-07	4.35E-04	3.71E-04	1.1E-05	2E-07	1.2E-07	0.0004
4524	488363.09, 3858877.25	0.26639	0.14668	0.13322	0.10813	0.20142	5.01E-04	1.3E-05	2.1E-07	2.3E-07	5.14E-04	6.13E-04	1.58E-05	2.12E-07	1.26E-07	6.30E-04	5.41E-04	1.2E-05	2.1E-07	1.3E-07	0.0006
4525	488863.09, 3858877.25	0.98155	0.15412	0.13933	0.11157	0.20975	1.84E-03	1.4E-05	2.2E-07	2.3E-07	1.86E-03	2.26E-03	1.66E-05	2.19E-07	1.31E-07	2.28E-03	1.99E-03	1.3E-05	2.1E-07	1.4E-07	0.002
4526	489363.09, 3858877.25	0.33291	0.15002	0.13604	0.10572	0.19815	6.26E-04	1.3E-05	2.1E-07	2.2E-07	6.39E-04	7.67E-04	1.61E-05	2.07E-07	1.24E-07	7.83E-04	6.76E-04	1.2E-05	2E-07	1.3E-07	0.0007
4527	489863.09, 3858877.25	0.23048	0.15827	0.14132	0.10634	0.20064	4.33E-04	1.4E-05	2.1E-07	2.2E-07	4.47E-04	5.31E-04	1.70E-05	2.08E-07	1.25E-07	5.48E-04	4.68E-04	1.3E-05	2E-07	1.3E-07	0.0005
4528	490363.09, 3858877.25	0.18931	0.16224	0.14573	0.11211	0.19084	3.56E-04	1.4E-05	2.2E-07	2.1E-07	3.70E-04	4.36E-04	1.74E-05	2.20E-07	1.19E-07	4.54E-04	3.84E-04	1.3E-05	2.1E-07	1.2E-07	0.0004
4529	490863.09, 3858877.25	0.16046	0.15748	0.1454	0.11346	0.16466	3.02E-04	1.4E-05	2.3E-07	1.8E-07	3.16E-04	3.70E-04	1.69E-05	2.22E-07	1.03E-07	3.87E-04	3.26E-04	1.3E-05	2.2E-07	1.1E-07	0.0003
4530	491363.09, 3858877.25	0.13156	0.13938	0.1326	0.10755	0.12169	2.47E-04	1.2E-05	2.1E-07	1.4E-07	2.60E-04	3.03E-04	1.50E-05	2.11E-07	7.61E-08	3.18E-04	2.67E-04	1.2E-05	2E-07	7.9E-08	0.0003
4531	491863.09, 3858877.25	0.09813	0.10669	0.10342	0.08593	0.08478	1.84E-04	9.4E-06	1.7E-07	9.5E-08	1.94E-04	2.26E-04	1.15E-05	1.68E-07	5.30E-08	2.38E-04	1.99E-04	8.8E-06	1.6E-07	5.5E-08	0.0002
4532	492363.09, 3858877.25	0.10374	0.11499	0.11041	0.09139	0.09522	1.95E-04	1E-05	1.8E-07	1.1E-07	2.05E-04	2.39E-04	1.24E-05	1.79E-07	5.96E-08	2.51E-04	2.11E-04	9.5E-06	1.7E-07	6.2E-08	0.0002
4533	492863.09, 3858877.25	0.10559	0.11713	0.11131	0.09231	0.10609	1.98E-04	1E-05	1.8E-07	1.2E-07	2.09E-04	2.43E-04	1.26E-05	1.81E-07	6.64E-08	2.56E-04	2.14E-04	9.7E-06	1.8E-07	6.9E-08	0.0002
4534	493363.09, 3858877.25	0.09474	0.1071	0.10225	0.08578	0.09282	1.78E-04	9.4E-06	1.7E-07	1E-07	1.88E-04	2.18E-04	1.15E-05	1.68E-07	5.81E-08	2.30E-04	1.92E-04	8.9E-06	1.6E-07	6E-08	0.0002
4535	493863.09, 3858877.25	0.07865	0.08977	0.08637	0.0736	0.07342	1.48E-04	7.9E-06	1.5E-07	8.2E-08	1.56E-04	1.81E-04	9.65E-06	1.44E-07	4.59E-08	1.91E-04	1.60E-04	7.4E-06	1.4E-07	4.7E-08	0.0002
4536	494363.09, 3858877.25	0.07148	0.08161	0.07895	0.06825	0.06675	1.34E-04	7.2E-06	1.4E-07	7.5E-08	1.42E-04	1.65E-04	8.77E-06	1.34E-07	4.17E-08	1.74E-04	1.45E-04	6.7E-06	1.3E-07	4.3E-08	0.0002
4537	494863.09, 3858877.25	0.06339	0.0717	0.06999	0.06131	0.05918	1.19E-04	6.3E-06	1.2E-07	6.6E-08	1.26E-04	1.46E-04	7.71E-06	1.20E-07	3.70E-08	1.54E-04	1.29E-04	5.9E-06	1.2E-07	3.8E-08	0.0001
4538	495363.09, 3858877.25	0.05625	0.06311	0.06198	0.055	0.05262	1.06E-04	5.5E-06	1.1E-07	5.9E-08	1.11E-04	1.30E-04	6.78E-06	1.08E-07	3.29E-08	1.36E-04	1.14E-04	5.2E-06	1E-07	3.4E-08	0.0001
4539	495863.09, 3858877.25	0.05253	0.05856	0.05781	0.05176	0.04913	9.87E-05	5.1E-06	1E-07	5.5E-08	1.04E-04	1.21E-04	6.30E-06	1.01E-07	3.07E-08	1.27E-04	1.07E-04	4.8E-06	9.8E-08	3.2E-08	0.0001
4540	496363.09, 3858877.25	0.051	0.05653	0.05615	0.05061	0.04767	9.58E-05	5E-06	1E-07	5.3E-08	1.01E-04	1.17E-04	6.08E-06	9.91E-08	2.98E-08	1.24E-04	1.04E-04	4.7E-06	9.6E-08	3.1E-08	0.0001

4541	496863.09, 3858877.25	0.04959	0.05456	0.05464	0.04954	0.0464	9.32E-05	4.8E-06	9.8E-08	5.2E-08	9.81E-05	1.14E-04	5.87E-06	9.70E-08	2.90E-08	1.20E-04	1.01E-04	4.5E-06	9.4E-08	3E-08	0.0001
4542	497363.09, 3858877.25	0.04805	0.05236	0.05296	0.0483	0.04506	9.03E-05	4.6E-06	9.6E-08	5E-08	9.50E-05	1.11E-04	5.63E-06	9.46E-08	2.82E-08	1.16E-04	9.76E-05	4.3E-06	9.2E-08	2.9E-08	0.0001
4543	497863.09, 3858877.25	0.05195	0.05637	0.05739	0.05234	0.04979	9.76E-05	4.9E-06	1E-07	5.6E-08	1.03E-04	1.20E-04	6.06E-06	1.03E-07	3.11E-08	1.26E-04	1.05E-04	4.7E-06	1E-07	3.2E-08	0.0001
4544	498363.09, 3858877.25	0.0544	0.05874	0.05985	0.05451	0.05464	1.02E-04	5.2E-06	1.1E-07	6.1E-08	1.08E-04	1.25E-04	6.31E-06	1.07E-07	3.42E-08	1.32E-04	1.10E-04	4.9E-06	1E-07	3.5E-08	0.0001
4545	471363.09, 3859377.25	0.00987	0.01084	0.00977	0.00965	0.00756	1.85E-05	9.5E-07	1.9E-08	8.4E-09	1.95E-05	2.27E-05	1.17E-06	1.89E-08	4.73E-09	2.39E-05	2.00E-05	9E-07	1.8E-08	4.9E-09	2E-05
4546	471863.09, 3859377.25	0.01046	0.01135	0.01036	0.01025	0.00795	1.97E-05	1E-06	2E-08	8.9E-09	2.07E-05	2.41E-05	1.22E-06	2.01E-08	4.97E-09	2.53E-05	2.12E-05	9.4E-07	1.9E-08	5.1E-09	2E-05
4547	472363.09, 3859377.25	0.01123	0.01191	0.01109	0.01102	0.00872	2.11E-05	1E-06	2.2E-08	9.7E-09	2.22E-05	2.59E-05	1.28E-06	2.16E-08	5.45E-09	2.72E-05	2.28E-05	9.8E-07	2.1E-08	5.6E-09	2E-05
4548	472863.09, 3859377.25	0.01197	0.01238	0.01181	0.01177	0.00941	2.25E-05	1.1E-06	2.3E-08	1.1E-08	2.36E-05	2.76E-05	1.33E-06	2.31E-08	5.89E-09	2.89E-05	2.43E-05	1E-06	2.2E-08	6.1E-09	3E-05
4549	473363.09, 3859377.25	0.01282	0.01294	0.01262	0.01262	0.01029	2.41E-05	1.1E-06	2.5E-08	1.1E-08	2.53E-05	2.95E-05	1.39E-06	2.47E-08	6.44E-09	3.09E-05	2.60E-05	1.1E-06	2.4E-08	6.6E-09	3E-05
4550	473863.09, 3859377.25	0.01355	0.01346	0.01335	0.01339	0.01068	2.55E-05	1.2E-06	2.7E-08	1.2E-08	2.67E-05	3.12E-05	1.45E-06	2.62E-08	6.68E-09	3.27E-05	2.75E-05	1.1E-06	2.5E-08	6.9E-09	3E-05
4551	474363.09, 3859377.25	0.01318	0.013	0.01317	0.01324	0.00892	2.48E-05	1.1E-06	2.6E-08	1E-08	2.59E-05	3.04E-05	1.40E-06	2.59E-08	5.58E-09	3.18E-05	2.68E-05	1.1E-06	2.5E-08	5.8E-09	3E-05
4552	474863.09, 3859377.25	0.01062	0.01059	0.01069	0.01081	0.00609	2.00E-05	9.3E-07	2.1E-08	6.8E-09	2.09E-05	2.45E-05	1.14E-06	2.12E-08	3.81E-09	2.56E-05	2.16E-05	8.8E-07	2.1E-08	3.9E-09	2E-05
4553	475363.09, 3859377.25	0.00704	0.00719	0.007	0.00724	0.00402	1.32E-05	6.3E-07	1.4E-08	4.5E-09	1.39E-05	1.62E-05	7.73E-07	1.42E-08	2.51E-09	1.70E-05	1.43E-05	5.9E-07	1.4E-08	2.6E-09	1E-05
4554	475863.09, 3859377.25	0.00435	0.00433	0.00423	0.00449	0.00285	8.17E-06	3.8E-07	8.9E-09	3.2E-09	8.57E-06	1.00E-05	4.65E-07	8.80E-09	1.78E-09	1.05E-05	8.83E-06	3.6E-07	8.5E-09	1.8E-09	9E-06
4555	476363.09, 3859377.25	0.00385	0.0037	0.00371	0.00398	0.00263	7.23E-06	3.2E-07	7.9E-09	2.9E-09	7.57E-06	8.87E-06	3.98E-07	7.80E-09	1.64E-09	9.27E-06	7.82E-06	3.1E-07	7.6E-09	1.7E-09	8E-06
4556	476863.09, 3859377.25	0.00308	0.00294	0.00296	0.00318	0.0023	5.79E-06	2.6E-07	6.3E-09	2.6E-09	6.05E-06	7.09E-06	3.16E-07	6.23E-09	1.44E-09	7.42E-06	6.25E-06	2.4E-07	6E-09	1.5E-09	7E-06
4557	477363.09, 3859377.25	0.00342	0.00323	0.00329	0.00356	0.00248	6.43E-06	2.8E-07	7.1E-09	2.8E-09	6.72E-06	7.88E-06	3.47E-07	6.97E-09	1.55E-09	8.23E-06	6.94E-06	2.7E-07	6.8E-09	1.6E-09	7E-06
4558	477863.09, 3859377.25	0.00696	0.00656	0.00693	0.0074	0.00419	1.31E-05	5.8E-07	1.5E-08	4.7E-09	1.37E-05	1.60E-05	7.05E-07	1.45E-08	2.62E-09	1.67E-05	1.41E-05	5.4E-07	1.4E-08	2.7E-09	1E-05
4559	478363.09, 3859377.25	0.012	0.0117	0.01226	0.01291	0.00644	2.26E-05	1E-06	2.6E-08	7.2E-09	2.36E-05	2.76E-05	1.26E-06	2.53E-08	4.03E-09	2.89E-05	2.44E-05	9.7E-07	2.5E-08	4.2E-09	3E-05
4560	478863.09, 3859377.25	0.01958	0.01848	0.02041	0.02122	0.01056	3.68E-05	1.6E-06	4.2E-08	1.2E-08	3.85E-05	4.51E-05	1.99E-06	4.16E-08	6.60E-09	4.71E-05	3.98E-05	1.5E-06	4E-08	6.8E-09	4E-05
4561	479363.09, 3859377.25	0.02613	0.02385	0.02697	0.02804	0.0162	4.91E-05	2.1E-06	5.6E-08	1.8E-08	5.13E-05	6.02E-05	2.56E-06	5.49E-08	1.01E-08	6.28E-05	5.31E-05	2E-06	5.3E-08	1E-08	6E-05
4562	479863.09, 3859377.25	0.0312	0.02851	0.03159	0.03283	0.02251	5.86E-05	2.5E-06	6.5E-08	2.5E-08	6.12E-05	7.18E-05	3.06E-06	6.43E-08	1.41E-08	7.50E-05	6.33E-05	2.4E-06	6.2E-08	1.5E-08	7E-05
4563	480363.09, 3859377.25	0.03553	0.03435	0.03578	0.03659	0.02917	6.68E-05	3E-06	7.3E-08	3.3E-08	6.99E-05	8.18E-05	3.69E-06	7.17E-08	1.82E-08	8.56E-05	7.21E-05	2.8E-06	7E-08	1.9E-08	8E-05
4564	480863.09, 3859377.25	0.03906	0.03912	0.03934	0.04011	0.03386	7.34E-05	3.4E-06	8E-08	3.8E-08	7.70E-05	8.99E-05	4.21E-06	7.86E-08	2.12E-08	9.43E-05	7.93E-05	3.2E-06	7.6E-08	2.2E-08	8E-05
4565	481363.09, 3859377.25	0.04294	0.04351	0.04327	0.04397	0.0384	8.07E-05	3.8E-06	8.7E-08	4.3E-08	8.46E-05	9.89E-05	4.68E-06	8.61E-08	2.40E-08	1.04E-04	8.72E-05	3.6E-06	8.4E-08	2.5E-08	9E-05
4566	481863.09, 3859377.25	0.04713	0.04887	0.04782	0.04838	0.04295	8.86E-05	4.3E-06	9.6E-08	4.8E-08	9.30E-05	1.09E-04	5.25E-06	9.48E-08	2.69E-08	1.14E-04	9.57E-05	4E-06	9.2E-08	2.8E-08	1E-04
4567	482363.09, 3859377.25	0.05138	0.05324	0.05265	0.05314	0.04756	9.66E-05	4.7E-06	1.1E-07	5.3E-08	1.01E-04	1.18E-04	5.72E-06	1.04E-07	2.97E-08	1.24E-04	1.04E-04	4.4E-06	1E-07	3.1E-08	0.0001
4568	482863.09, 3859377.25	0.05599	0.05821	0.05731	0.05719	0.05497	1.05E-04	5.1E-06	1.1E-07	6.1E-08	1.10E-04	1.29E-04	6.26E-06	1.12E-07	3.44E-08	1.35E-04	1.14E-04	4.8E-06	1.1E-07	3.6E-08	0.0001
4569	483363.09, 3859377.25	0.0599	0.06112	0.06064	0.06074	0.06425	1.13E-04	5.4E-06	1.2E-07	7.2E-08	1.18E-04	1.38E-04	6.57E-06	1.19E-07	4.02E-08	1.45E-04	1.22E-04	5.1E-06	1.2E-07	4.2E-08	0.0001
4570	483863.09, 3859377.25	0.06136	0.05624	0.06096	0.06194	0.07177	1.15E-04	4.9E-06	1.2E-07	8E-08	1.20E-04	1.41E-04	6.05E-06	1.21E-07	4.49E-08	1.48E-04	1.25E-04	4.7E-06	1.2E-07	4.6E-08	0.0001
4571	484363.09, 3859377.25	0.06629	0.05825	0.06496	0.06639	0.07909	1.25E-04	5.1E-06	1.3E-07	8.8E-08	1.30E-04	1.53E-04	6.26E-06	1.30E-07	4.95E-08	1.59E-04	1.35E-04	4.8E-06	1.3E-07	5.1E-08	0.0001
4572	484863.09, 3859377.25	0.07135	0.06339	0.06857	0.07028	0.08658	1.34E-04	5.6E-06	1.4E-07	9.7E-08	1.40E-04	1.64E-04	6.81E-06	1.38E-07	5.42E-08	1.71E-04	1.45E-04	5.2E-06	1.3E-07	5.6E-08	0.0002
4573	485363.09, 3859377.25	0.07618	0.07477	0.07232	0.07254	0.09263	1.43E-04	6.6E-06	1.4E-07	1E-07	1.50E-04	1.75E-04	8.04E-06	1.42E-07	5.79E-08	1.84E-04	1.55E-04	6.2E-06	1.4E-07	6E-08	0.0002
4574	485863.09, 3859377.25	0.08118	0.08642	0.07635	0.07357	0.09891	1.53E-04	7.6E-06	1.5E-07	1.1E-07	1.60E-04	1.87E-04	9.29E-06	1.44E-07	6.19E-08	1.96E-04	1.65E-04	7.1E-06	1.4E-07	6.4E-08	0.0002
4575	486363.09, 3859377.25	0.08696	0.08886	0.07973	0.07409	0.10737	1.63E-04	7.8E-06	1.5E-07	1.2E-07	1.71E-04	2.00E-04	9.55E-06	1.45E-07	6.72E-08	2.10E-04	1.77E-04	7.3E-06	1.4E-07	6.9E-08	0.0002
4576	486863.09, 3859377.25	0.09191	0.08968	0.08038	0.0726	0.1135	1.73E-04	7.9E-06	1.4E-07	1.3E-07	1.81E-04	2.12E-04	9.64E-06	1.42E-07	7.10E-08	2.22E-04	1.87E-04	7.4E-06	1.4E-07	7.3E-08	0.0002
4577	487363.09, 3859377.25	0.09822	0.08291	0.08034	0.073	0.11535	1.85E-04	7.3E-06	1.4E-07	1.3E-07	1.92E-04	2.26E-04	8.91E-06	1.43E-07	7.21E-08	2.35E-04	1.99E-04	6.9E-06	1.4E-07	7.5E-08	0.0002
4578	487863.09, 3859377.25	0.10769	0.09027	0.08304	0.07424	0.116	2.02E-04	7.9E-06	1.5E-07	1.3E-07	2.11E-04	2.48E-04	9.70E-06	1.45E-07	7.26E-08	2.58E-04	2.19E-04	7.5E-06	1.4E-07	7.5E-08	0.0002
4579	488363.09, 3859377.25	0.1174	0.09257	0.08685	0.07661	0.11985	2.21E-04	8.1E-06	1.5E-07	1.3E-07	2.29E-04	2.70E-04	9.95E-06	1.50E-07	7.50E-08	2.81E-04	2.38E-04	7.7E-06	1.5E-07	7.7E-08	0.0002
4580	488863.09, 3859377.25	0.12327	0.10017	0.09297	0.07946	0.12562	2.32E-04	8.8E-06	1.6E-07	1.4E-07	2.41E-04	2.84E-04	1.08E-05	1.56E-07	7.86E-08	2.95E-04	2.50E-04	8.3E-06	1.5E-07	8.1E-08	0.0003
4581	489363.09, 3859377.25	0.12482	0.10388	0.09616	0.08156	0.12947	2.35E-04	9.1E-06	1.6E-07	1.4E-07	2.44E-04	2.87E-04	1.12E-05	1.60E-07	8.10E-08	2.99E-04	2.53E-04	8.6E-06	1.6E-07	8.4E-08	0.0003
4582	489863.09, 3859377.25	0.12082	0.09941	0.09212	0.0773	0.12047	2.27E-04	8.7E-06	1.5E-07	1.3E-07	2.36E-04	2.78E-04	1.07E-05	1.51E-07	7.53E-08	2.89E-04	2.45E-04	8.2E-06	1.5E-07	7.8E-08	0.0003
4583	490363.09, 3859377.25	0.11674	0.10135	0.09367	0.07554	0.11955	2.19E-04	8.9E-06	1.5E-07	1.3E-07	2.29E-04	2.69E-04	1.09E-05	1.48E-07	7.48E-08	2.80E-04	2.37E-04	8.4E-06	1.4E-07	7.7E-08	0.0002
4584	490863.09, 3859377.25	0.10979	0.10904	0.10012	0.07912	0.11565	2.06E-04	9.6E-06	1.6E-07	1.3E-07	2.16E-04	2.53E-04	1.17E-05	1.55E-07	7.23E-08	2.65E-04	2.23E-04	9E-06	1.5E-07	7.5E-08	0.0002
4585	491363.09, 3859377.25	0.09394	0.10199	0.09714	0.08049	0.08466	1.77E-04	8.9E-06	1.6E-07	9.5E-08	1.86E-04	2.16E-04	1.10E-05	1.58E-07	5.29E-08	2.28E-04	1.91E-04	8.4E-06	1.5E-07	5.5E-08	0.0002
4586	491863.09, 3859377.25	0.09938	0.10372	0.09971	0.08234	0.1021	1.87E-04	9.1E-06	1.6E-07	1.1E-07	1.96E-04	2.29E-04	1.12E-05	1.61E-07	6.39E-08	2.40E-04	2.02E-04	8.6E-06	1.6E-07	6.6E-08	0.0002
4587	492363.09, 3859377.25	0.09477	0.0997	0.09553	0.08002	0.09809	1.78E-04	8.7E-06	1.6E-07	1.1E-07	1.87E-04	2.18E-04	1.07E-05	1.57E-07	6.13E-08	2.29E-04	1.92E-04	8.2E-06	1.5E-07	6.3E-08	0.0002
4588	492863.09, 3859377.25	0.09012	0.09586	0.09142	0.0766	0.09486	1.69E-04	8.4E-06	1.5E-07	1.1E-07	1.78E-04	2.08E-04	1.03E-05	1.50E-07	5.93E-08	2.18E-04	1.83E-04	7.9E-06	1.5E-07	6.1E-08	0.0002
4589	493363.09, 3859377.25	0.08315	0.08994	0.08591	0.07304	0.08407	1.56E-04	7.9E-06	1.4E-07	9.4E-08	1.64E-04	1.91E-04	9.67E-06	1.43E-07	5.26E-08	2.01E-04	1.69E-04	7.4E-06	1.4E-07	5.4E-08	0.0002
4590	493863.09, 3859377.25	0.07863	0.08521	0.08197	0.07004	0.08063	1.48E-04	7.5E-06	1.4E-07	9E-08	1.55E-04	1.81E-04	9.16E-06	1.37E-07	5.04E-08	1.90E-04	1.60E-04	7E-06	1.3E-07	5.2E-08	0.0002
4591	494363.09, 3859377.25	0.07323	0.07963	0.07744	0.06662	0.07396	1.38E-04	7E-06	1.3E-07	8.3E-08	1.45E-04	1.69E-04	8.56E-06	1.31E-07	4.63E-08	1.77E-04	1.49E-04	6.6E-06	1.3E-07	4.8E-08	0.0002
4592	494863.09, 3859377.25	0.06501	0.07152	0.07023	0.06084	0.06211	1.22E-04	6.3E-06	1.2E-07	6.9E-08	1.29E-04	1.50E-04	7.69E-06	1.19E-07	3.88E-08	1.58E-04	1.32E-04	5.9E-06	1.2E-07	4E-08	0.0001
4593	495363.09, 3859377.25	0.06168	0.06863	0.06702	0.05821	0.05922	1.16E-04	6E-06	1.2E-07	6.6E-08	1.22E-04	1.42E-04	7.38E-06	1.14E-07	3.70E-08	1.50E-04	1.25E-04	5.7E-06	1.1E-07	3.8E-08	0.0001
4594	495863.09, 3859377.25	0.05719	0.06417	0.06258	0.05471	0.05459	1.07E-04	5.6E-06	1.1E-07	6.1E-08	1.13E-04	1.32E-04	6.90E-06	1.07E-07	3.41E-08	1.39E-04	1.16E-04	5.3E-06	1E-07	3.5E-08	0.0001
4595	496363.09, 3859377.25	0.05575	0.06286	0.06115	0.05377	0.05406	1.05E-04	5.5E-06	1.1E-07	6E-08	1.10E-04	1.28E-04	6.76E-06	1.05E-07	3.38E-08	1.35E-04	1.13E-04	5.2E-06	1E-07	3.5E-08	0.0001
4596	496863.09, 3859377.25	0.05062	0.05698	0.05577	0.04952	0.04818	9.51E-05	5E-06	9.8E-08	5.4E-08	1.00E-04	1.17E-04	6.13E-06	9.70E-08	3.01E-08	1.23E-04	1.03E-04	4.7E-06	9.4E-08	3.1E-08	0.0001
4597	497363.09, 3859377.25	0.05121	0.05738	0.05634	0.05018	0.04992	9.62E-05	5E-06	1E-07	5.6E-08	1.01E-04	1.18E-04	6.17E-06	9.83E-08	3.12E-08	1.24E-04	1.04E-04	4.7E-06	9.5E-08	3.2E-08	0.0001
4598	497863.09, 3859377.25	0.05275	0.05864	0.05763	0.05126	0.05444	9.91E-05	5.1E-06	1E-07	6.1E-08	1.04E-04	1.21E-04	6.30E-06	1.00E-07	3.40E-08	1.28E-04	1.07E-04	4.8E-06	9.8E-08	3.5E-08	0.0001
4599	498363.09, 3859377.25	0.05229	0.05777	0.05689	0.05042	0.05704	9.83E-05	5.1E-06	1E-07	6.4E-08	1.03E-04	1.20E-04	6.21E-06	9.88E-08	3.57E-08	1.27E-04	1.06E-04	4.8E-06	9.6E-08	3.7E-08	0.0001
4600	471363.09, 3859877.25	0.01005	0.01015	0.00985	0.00986	0.00803	1.89E-05	8.9E-07	2E-08	9E-09	1.98E-05	2.31E-05	1.09E-06	1.93E-08	5.02E-09	2.43E-05	2.04E-05	8.4E-07	1.9E-08	5.2E-09	2E-05
4601	471863.09, 3859877.25	0.01064	0.01052	0.01041	0.01046	0.00856	2.00E-05	9.2E-07	2.1E-08	9.6E-09	2.09E-05	2.45E-05	1.13E-06	2.05E-08	5.35E-09	2.57E-05	2.16E-05	8.7E-07	2E-08	5.5E-09	2E-05
4602	472363.09, 3859877.25	0.01122	0.0109	0.01097	0.01107	0.00897	2.11E-05	9.6E-07	2.2E-08	1E-08	2.21E-05	2.58E-05	1.17E-06	2.17E-08	5.61E-09	2.70E-05	2.28E-05	9E-07	2.1E-08	5.8E-09	2E-05
4603	472863.09, 3859877.25	0.01199	0.01153	0.01169	0.01181	0.00972	2.25E-05	1E-06	2.3E-08	1.1E-08	2.36E-05	2.76E-05	1.24E-06	2.31E-08	6.08E-09	2.89E-05	2.43E-05	9.5E-07	2.2E-08	6.3E-09	3E-05
4604	473363.09, 3859877.25	0.01281	0.01245	0.01249	0.01262	0.01046	2.41E-05	1.1E-06	2.5E-08	1.2E-08	2.52E-05	2.95E-05	1.34E-06	2.47E-08	6.54E-09	3.09E-05	2.60E-05	1E-06	2.4E-08	6.8E-09	3E-05

4605	473863.09, 3859877.25	0.01363	0.01366	0.01339	0.01347	0.01102	2.56E-05	1.2E-06	2.7E-08	1.2E-08	2.69E-05	3.14E-05	1.47E-06	2.64E-08	6.89E-09	3.29E-05	2.77E-05	1.1E-06	2.6E-08	7.1E-09	3E-05
4606	474363.09, 3859877.25	0.01378	0.0145	0.01379	0.01381	0.00974	2.59E-05	1.3E-06	2.7E-08	1.1E-08	2.72E-05	3.17E-05	1.56E-06	2.71E-08	6.09E-09	3.33E-05	2.80E-05	1.2E-06	2.6E-08	6.3E-09	3E-05
4607	474863.09, 3859877.25	0.01292	0.01378	0.01312	0.01336	0.00779	2.43E-05	1.2E-06	2.7E-08	8.7E-09	2.55E-05	2.98E-05	1.48E-06	2.62E-08	4.87E-09	3.13E-05	2.62E-05	1.1E-06	2.5E-08	5E-09	3E-05
4608	475363.09, 3859877.25	0.0086	0.00864	0.00868	0.00918	0.00469	1.62E-05	7.6E-07	1.8E-08	5.2E-09	1.69E-05	1.98E-05	9.29E-07	1.80E-08	2.93E-09	2.08E-05	1.75E-05	7.1E-07	1.7E-08	3E-09	2E-05
4609	475863.09, 3859877.25	0.00421	0.00413	0.00412	0.00443	0.00275	7.91E-06	3.6E-07	8.8E-09	3.1E-09	8.29E-06	9.69E-06	4.44E-07	8.68E-09	1.72E-09	1.01E-05	8.55E-06	3.4E-07	8.4E-09	1.8E-09	9E-06
4610	476363.09, 3859877.25	0.00247	0.00246	0.00234	0.00254	0.00188	4.64E-06	2.2E-07	5E-09	2.1E-09	4.86E-06	5.69E-06	2.64E-07	4.98E-09	1.18E-09	5.96E-06	5.02E-06	2E-07	4.8E-09	1.2E-09	5E-06
4611	476863.09, 3859877.25	0.00292	0.0029	0.00282	0.00302	0.00216	5.49E-06	2.5E-07	6E-09	2.4E-09	5.75E-06	6.72E-06	3.12E-07	5.92E-09	1.35E-09	7.04E-06	5.93E-06	2.4E-07	5.7E-09	1.4E-09	6E-06
4612	477363.09, 3859877.25	0.00319	0.00321	0.00308	0.0033	0.00232	5.99E-06	2.8E-07	6.5E-09	2.6E-09	6.29E-06	7.35E-06	3.45E-07	6.46E-09	1.45E-09	7.70E-06	6.48E-06	2.7E-07	6.3E-09	1.5E-09	7E-06
4613	477863.09, 3859877.25	0.00623	0.00618	0.00621	0.00667	0.00381	1.17E-05	5.4E-07	1.3E-08	4.3E-09	1.23E-05	1.43E-05	6.64E-07	1.31E-08	2.38E-09	1.50E-05	1.26E-05	5.1E-07	1.3E-08	2.5E-09	1E-05
4614	478363.09, 3859877.25	0.01181	0.0115	0.01219	0.01285	0.00639	2.22E-05	1E-06	2.6E-08	7.1E-09	2.32E-05	2.72E-05	1.24E-06	2.52E-08	4.00E-09	2.85E-05	2.40E-05	9.5E-07	2.4E-08	4.1E-09	2E-05
4615	478863.09, 3859877.25	0.01883	0.01835	0.01973	0.02041	0.01063	3.54E-05	1.6E-06	4.1E-08	1.2E-08	3.70E-05	4.34E-05	1.97E-06	4.00E-08	6.65E-09	4.54E-05	3.82E-05	1.5E-06	3.9E-08	6.9E-09	4E-05
4616	479363.09, 3859877.25	0.02531	0.02481	0.02607	0.02668	0.01719	4.76E-05	2.2E-06	5.3E-08	1.9E-08	4.98E-05	5.83E-05	2.67E-06	5.23E-08	1.08E-08	6.10E-05	5.14E-05	2.1E-06	5.1E-08	1.1E-08	5E-05
4617	479863.09, 3859877.25	0.02943	0.02974	0.02981	0.03014	0.02317	5.53E-05	2.6E-06	6E-08	2.6E-08	5.80E-05	6.78E-05	3.20E-06	5.90E-08	1.45E-08	7.10E-05	5.98E-05	2.5E-06	5.7E-08	1.5E-08	6E-05
4618	480363.09, 3859877.25	0.03269	0.03322	0.03292	0.03314	0.02837	6.14E-05	2.9E-06	6.6E-08	3.2E-08	6.44E-05	7.53E-05	3.57E-06	6.49E-08	1.77E-08	7.89E-05	6.64E-05	2.7E-06	6.3E-08	1.8E-08	7E-05
4619	480863.09, 3859877.25	0.03546	0.0363	0.03567	0.03593	0.03232	6.66E-05	3.2E-06	7.1E-08	3.6E-08	6.99E-05	8.17E-05	3.90E-06	7.04E-08	2.02E-08	8.57E-05	7.20E-05	3E-06	6.8E-08	2.1E-08	8E-05
4620	481363.09, 3859877.25	0.03845	0.04078	0.03872	0.03872	0.03627	7.23E-05	3.6E-06	7.7E-08	4.1E-08	7.60E-05	8.85E-05	4.38E-06	7.58E-08	2.27E-08	9.30E-05	7.81E-05	3.4E-06	7.4E-08	2.3E-08	8E-05
4621	481863.09, 3859877.25	0.04149	0.04518	0.0421	0.0418	0.03967	7.80E-05	4E-06	8.3E-08	4.4E-08	8.21E-05	9.55E-05	4.86E-06	8.19E-08	2.48E-08	1.01E-04	8.42E-05	3.7E-06	8E-08	2.6E-08	9E-05
4622	482363.09, 3859877.25	0.04468	0.04613	0.04528	0.04501	0.04418	8.40E-05	4E-06	8.9E-08	4.9E-08	8.81E-05	1.03E-04	4.96E-06	8.82E-08	2.76E-08	1.08E-04	9.07E-05	3.8E-06	8.6E-08	2.9E-08	9E-05
4623	482863.09, 3859877.25	0.04823	0.0464	0.0486	0.04846	0.04886	9.06E-05	4.1E-06	9.6E-08	5.5E-08	9.49E-05	1.11E-04	4.99E-06	9.49E-08	3.06E-08	1.16E-04	9.79E-05	3.8E-06	9.2E-08	3.2E-08	0.0001
4624	483363.09, 3859877.25	0.05173	0.04733	0.05176	0.05228	0.05336	9.72E-05	4.2E-06	1E-07	6E-08	1.02E-04	1.19E-04	5.09E-06	1.02E-07	3.34E-08	1.24E-04	1.05E-04	3.9E-06	9.9E-08	3.4E-08	0.0001
4625	483863.09, 3859877.25	0.05246	0.04685	0.05109	0.05243	0.05982	9.86E-05	4.1E-06	1E-07	6.7E-08	1.03E-04	1.21E-04	5.04E-06	1.03E-07	3.74E-08	1.26E-04	1.07E-04	3.9E-06	1E-07	3.9E-08	0.0001
4626	484363.09, 3859877.25	0.05503	0.04864	0.05281	0.05478	0.06381	1.03E-04	4.3E-06	1.1E-07	7.1E-08	1.08E-04	1.27E-04	5.23E-06	1.07E-07	3.99E-08	1.32E-04	1.12E-04	4E-06	1E-07	4.1E-08	0.0001
4627	484863.09, 3859877.25	0.0583	0.05323	0.05533	0.05675	0.0678	1.10E-04	4.7E-06	1.1E-07	7.6E-08	1.14E-04	1.34E-04	5.72E-06	1.11E-07	4.24E-08	1.40E-04	1.18E-04	4.4E-06	1.1E-07	4.4E-08	0.0001
4628	485363.09, 3859877.25	0.06137	0.06151	0.05774	0.05755	0.07179	1.15E-04	5.4E-06	1.1E-07	8E-08	1.21E-04	1.41E-04	6.61E-06	1.13E-07	4.49E-08	1.48E-04	1.25E-04	5.1E-06	1.1E-07	4.6E-08	0.0001
4629	485863.09, 3859877.25	0.06421	0.06695	0.05991	0.05784	0.07583	1.21E-04	5.9E-06	1.1E-07	8.5E-08	1.27E-04	1.48E-04	7.20E-06	1.13E-07	4.74E-08	1.55E-04	1.30E-04	5.5E-06	1.1E-07	4.9E-08	0.0001
4630	486363.09, 3859877.25	0.06664	0.0658	0.06072	0.05765	0.08011	1.25E-04	5.8E-06	1.1E-07	9E-08	1.31E-04	1.53E-04	7.07E-06	1.13E-07	5.01E-08	1.61E-04	1.35E-04	5.4E-06	1.1E-07	5.2E-08	0.0001
4631	486863.09, 3859877.25	0.06913	0.06594	0.0607	0.05707	0.08218	1.30E-04	5.8E-06	1.1E-07	9.2E-08	1.36E-04	1.59E-04	7.09E-06	1.12E-07	5.14E-08	1.66E-04	1.40E-04	5.5E-06	1.1E-07	5.3E-08	0.0001
4632	487363.09, 3859877.25	0.07046	0.06111	0.05972	0.05641	0.08069	1.32E-04	5.4E-06	1.1E-07	9E-08	1.38E-04	1.62E-04	6.57E-06	1.11E-07	5.05E-08	1.69E-04	1.43E-04	5.1E-06	1.1E-07	5.2E-08	0.0001
4633	487863.09, 3859877.25	0.0748	0.06719	0.06196	0.05747	0.0811	1.41E-04	5.9E-06	1.1E-07	9.1E-08	1.47E-04	1.72E-04	7.22E-06	1.13E-07	5.07E-08	1.80E-04	1.52E-04	5.6E-06	1.1E-07	5.2E-08	0.0002
4634	488363.09, 3859877.25	0.07553	0.06546	0.06342	0.05815	0.08288	1.42E-04	5.7E-06	1.2E-07	9.3E-08	1.48E-04	1.74E-04	7.04E-06	1.14E-07	5.18E-08	1.81E-04	1.53E-04	5.4E-06	1.1E-07	5.4E-08	0.0002
4635	488863.09, 3859877.25	0.07749	0.07065	0.06673	0.05992	0.08541	1.46E-04	6.2E-06	1.2E-07	9.5E-08	1.52E-04	1.78E-04	7.60E-06	1.17E-07	5.34E-08	1.86E-04	1.57E-04	5.8E-06	1.1E-07	5.5E-08	0.0002
4636	489363.09, 3859877.25	0.07977	0.074	0.06988	0.06143	0.08835	1.50E-04	6.5E-06	1.2E-07	9.9E-08	1.57E-04	1.84E-04	7.96E-06	1.20E-07	5.53E-08	1.92E-04	1.62E-04	6.1E-06	1.2E-07	5.7E-08	0.0002
4637	489863.09, 3859877.25	0.08005	0.07593	0.07167	0.06278	0.09127	1.50E-04	6.7E-06	1.2E-07	1E-07	1.57E-04	1.84E-04	8.16E-06	1.23E-07	5.71E-08	1.93E-04	1.63E-04	6.3E-06	1.2E-07	5.9E-08	0.0002
4638	490363.09, 3859877.25	0.07524	0.07185	0.06779	0.05923	0.08577	1.41E-04	6.3E-06	1.2E-07	9.6E-08	1.48E-04	1.73E-04	7.72E-06	1.16E-07	5.36E-08	1.81E-04	1.53E-04	5.9E-06	1.1E-07	5.5E-08	0.0002
4639	490863.09, 3859877.25	0.0758	0.07131	0.06736	0.05742	0.08256	1.42E-04	6.3E-06	1.1E-07	9.2E-08	1.49E-04	1.75E-04	7.67E-06	1.12E-07	5.16E-08	1.82E-04	1.54E-04	5.9E-06	1.1E-07	5.3E-08	0.0002
4640	491363.09, 3859877.25	0.07547	0.0736	0.06899	0.05731	0.08546	1.42E-04	6.5E-06	1.1E-07	9.5E-08	1.48E-04	1.74E-04	7.91E-06	1.12E-07	5.35E-08	1.82E-04	1.53E-04	6.1E-06	1.1E-07	5.5E-08	0.0002
4641	491863.09, 3859877.25	0.07527	0.07728	0.07223	0.05978	0.08779	1.41E-04	6.8E-06	1.2E-07	9.8E-08	1.48E-04	1.73E-04	8.31E-06	1.17E-07	5.49E-08	1.82E-04	1.53E-04	6.4E-06	1.1E-07	5.7E-08	0.0002
4642	492363.09, 3859877.25	0.07447	0.07776	0.07369	0.0619	0.08726	1.40E-04	6.8E-06	1.2E-07	9.7E-08	1.47E-04	1.71E-04	8.36E-06	1.21E-07	5.46E-08	1.80E-04	1.51E-04	6.4E-06	1.2E-07	5.6E-08	0.0002
4643	492863.09, 3859877.25	0.07282	0.07682	0.07383	0.06242	0.08334	1.37E-04	6.7E-06	1.2E-07	9.3E-08	1.44E-04	1.68E-04	8.26E-06	1.22E-07	5.21E-08	1.76E-04	1.48E-04	6.4E-06	1.2E-07	5.4E-08	0.0002
4644	493363.09, 3859877.25	0.07038	0.07475	0.07203	0.06102	0.07937	1.32E-04	6.6E-06	1.2E-07	8.9E-08	1.39E-04	1.62E-04	8.04E-06	1.20E-07	4.96E-08	1.70E-04	1.43E-04	6.2E-06	1.2E-07	5.1E-08	0.0001
4645	493863.09, 3859877.25	0.0675	0.0723	0.06961	0.05894	0.07497	1.27E-04	6.3E-06	1.2E-07	8.4E-08	1.33E-04	1.55E-04	7.77E-06	1.15E-07	4.69E-08	1.63E-04	1.37E-04	6E-06	1.1E-07	4.8E-08	0.0001
4646	494363.09, 3859877.25	0.06428	0.06902	0.06699	0.05693	0.06925	1.21E-04	6.1E-06	1.1E-07	7.7E-08	1.27E-04	1.48E-04	7.42E-06	1.12E-07	4.33E-08	1.56E-04	1.31E-04	5.7E-06	1.1E-07	4.5E-08	0.0001
4647	494863.09, 3859877.25	0.06153	0.0663	0.06395	0.05499	0.06635	1.16E-04	5.8E-06	1.1E-07	7.4E-08	1.22E-04	1.42E-04	7.13E-06	1.08E-07	4.15E-08	1.49E-04	1.25E-04	5.5E-06	1E-07	4.3E-08	0.0001
4648	495363.09, 3859877.25	0.05867	0.06305	0.0613	0.05332	0.0624	1.10E-04	5.5E-06	1.1E-07	7E-08	1.16E-04	1.35E-04	6.78E-06	1.04E-07	3.90E-08	1.42E-04	1.19E-04	5.2E-06	1E-07	4E-08	0.0001
4649	495863.09, 3859877.25	0.05575	0.05996	0.05873	0.05144	0.05818	1.05E-04	5.3E-06	1E-07	6.5E-08	1.10E-04	1.28E-04	6.45E-06	1.01E-07	3.64E-08	1.35E-04	1.13E-04	5E-06	9.8E-08	3.8E-08	0.0001
4650	496363.09, 3859877.25	0.05169	0.05585	0.05519	0.04865	0.0514	9.71E-05	4.9E-06	9.7E-08	5.7E-08	1.02E-04	1.19E-04	6.00E-06	9.53E-08	3.21E-08	1.25E-04	1.05E-04	4.6E-06	9.3E-08	3.3E-08	0.0001
4651	496863.09, 3859877.25	0.04169	0.04499	0.04518	0.04024	0.0382	7.83E-05	3.9E-06	8E-08	4.3E-08	8.24E-05	9.60E-05	4.84E-06	7.88E-08	2.39E-08	1.01E-04	8.46E-05	3.7E-06	7.7E-08	2.5E-08	9E-05
4652	497363.09, 3859877.25	0.04687	0.05146	0.05072	0.04478	0.04629	8.81E-05	4.5E-06	8.9E-08	5.2E-08	9.27E-05	1.08E-04	5.53E-06	8.77E-08	2.90E-08	1.14E-04	9.52E-05	4.3E-06	8.5E-08	3E-08	1E-04
4653	497863.09, 3859877.25	0.04841	0.0535	0.05197	0.04542	0.05294	9.10E-05	4.7E-06	9E-08	5.9E-08	9.58E-05	1.11E-04	5.75E-06	8.90E-08	3.31E-08	1.17E-04	9.83E-05	4.4E-06	8.6E-08	3.4E-08	0.0001
4654	498363.09, 3859877.25	0.04668	0.05233	0.05097	0.04338	0.05458	8.77E-05	4.6E-06	8.6E-08	6.1E-08	9.25E-05	1.07E-04	5.63E-06	8.50E-08	3.41E-08	1.13E-04	9.48E-05	4.3E-06	8.3E-08	3.5E-08	1E-04
4655	471363.09, 3860377.25	0.01011	0.0096	0.0098	0.00996	0.00833	1.90E-05	8.4E-07	2E-08	9.3E-09	1.99E-05	2.33E-05	1.03E-06	1.95E-08	5.21E-09	2.43E-05	2.05E-05	7.9E-07	1.9E-08	5.4E-09	2E-05
4656	471863.09, 3860377.25	0.01067	0.01009	0.01035	0.01052	0.00877	2.01E-05	8.9E-07	2.1E-08	9.8E-09	2.10E-05	2.46E-05	1.08E-06	2.06E-08	5.49E-09	2.57E-05	2.17E-05	8.3E-07	2E-08	5.7E-09	2E-05
4657	472363.09, 3860377.25	0.01132	0.01086	0.01101	0.01118	0.00935	2.13E-05	9.5E-07	2.2E-08	1E-08	2.23E-05	2.61E-05	1.17E-06	2.19E-08	5.85E-09	2.73E-05	2.30E-05	9E-07	2.1E-08	6E-09	2E-05
4658	472863.09, 3860377.25	0.01206	0.01191	0.01181	0.01195	0.01002	2.27E-05	1E-06	2.4E-08	1.1E-08	2.37E-05	2.78E-05	1.28E-06	2.34E-08	6.27E-09	2.91E-05	2.45E-05	9.8E-07	2.3E-08	6.5E-09	3E-05
4659	473363.09, 3860377.25	0.01281	0.01296	0.01267	0.0128	0.01061	2.41E-05	1.1E-06	2.5E-08	1.2E-08	2.52E-05	2.95E-05	1.39E-06	2.51E-08	6.64E-09	3.09E-05	2.60E-05	1.1E-06	2.4E-08	6.9E-09	3E-05
4660	473863.09, 3860377.25	0.01354	0.01376	0.01355	0.0137	0.01114	2.54E-05	1.2E-06	2.7E-08	1.2E-08	2.67E-05	3.12E-05	1.48E-06	2.68E-08	6.97E-09	3.27E-05	2.75E-05	1.1E-06	2.6E-08	7.2E-09	3E-05
4661	474363.09, 3860377.25	0.01411	0.01394	0.01428	0.01459	0.0112	2.65E-05	1.2E-06	2.9E-08	1.3E-08	2.78E-05	3.25E-05	1.50E-06	2.86E-08	7.00E-09	3.40E-05	2.86E-05	1.2E-06	2.8E-08	7.2E-09	3E-05
4662	474863.09, 3860377.25	0.01435	0.01329	0.01464	0.01517	0.01066	2.70E-05	1.2E-06	3E-08	1.2E-08	2.82E-05	3.30E-05	1.43E-06	2.97E-08	6.67E-09	3.45E-05	2.91E-05	1.1E-06	2.9E-08	6.9E-09	3E-05
4663	475363.09, 3860377.25	0.01354	0.01211	0.01397	0.01457	0.00885	2.54E-05	1.1E-06	2.9E-08	9.9E-09	2.65E-05	3.12E-05	1.30E-06	2.85E-08	5.54E-09	3.25E-05	2.75E-05	1E-06	2.8E-08	5.7E-09	3E-05
4664	475863.09, 3860377.25	0.01188	0.01078	0.01232	0.01288	0.00702	2.23E-05	9.5E-07	2.6E-08	7.8E-09	2.33E-05	2.74E-05	1.16E-06	2.52E-08	4.39E-09	2.85E-05	2.41E-05	8.9E-07	2.5E-08	4.5E-09	3E-05
4665	476363.09, 3860377.25	0.00954	0.00902	0.00983	0.01028	0.00537	1.79E-05	7.9E-07	2E-08	6E-09	1.87E-05	2.20E-05	9.70E-07	2.01E-08	3.36E-09	2.30E-05	1.94E-05	7.5E-07	2E-08	3.5E-09	2E-05
4666	476863.09, 3860377.25	0.00866	0.00866	0.00891	0.00931	0.00489	1.63E-05	7.6E-07	1.8E-08	5.5E-09	1.71E-05	1.99E-05	9.31E-07	1.82E-08	3.06E-09	2.09E-05	1.76E-05	7.2E-07	1.8E-08	3.2E-09	2E-05
4667	477363.09, 3860377.25	0.00504	0.00496	0.00502	0.00539	0.00321	9.47E-06	4.4E-07	1.1E-08	3.6E-09	9.92E-06	1.16E-05	5.33E-07	1.06E-08	2.01E-09	1.22E-05	1.02E-05	4.1E-07	1E-08	2.1E-09	1E-05
4668	477863.09, 3860377.25	0.00661	0.00637	0.00666	0.00713	0.00398	1.24E-05	5.6E-07	1.4E-08	4.4E-09	1.30E-05	1.52E-05	6.85E-07	1.40E-08	2.49E-09	1.59E-05	1.34E-05	5.3E-07	1.4E-08	2.6E-09	1E-05

4669	478363.09, 3860377.25	0.0129	0.01272	0.01351	0.01401	0.00715	2.42E-05	1.1E-06	2.8E-08	8E-09	2.54E-05	2.97E-05	1.37E-06	2.74E-08	4.47E-09	3.11E-05	2.62E-05	1.1E-06	2.7E-08	4.6E-09	3E-05
4670	478863.09, 3860377.25	0.01851	0.01812	0.01937	0.01971	0.0111	3.48E-05	1.6E-06	3.9E-08	1.2E-08	3.64E-05	4.26E-05	1.95E-06	3.86E-08	6.94E-09	4.46E-05	3.76E-05	1.5E-06	3.7E-08	7.2E-09	4E-05
4671	479363.09, 3860377.25	0.02373	0.02365	0.0244	0.02447	0.01687	4.46E-05	2.1E-06	4.9E-08	1.9E-08	4.67E-05	5.46E-05	2.54E-06	4.79E-08	1.06E-08	5.72E-05	4.82E-05	2E-06	4.7E-08	1.1E-08	5E-05
4672	479863.09, 3860377.25	0.02733	0.02788	0.02755	0.02764	0.02279	5.14E-05	2.4E-06	5.5E-08	2.5E-08	5.39E-05	6.29E-05	3.00E-06	5.41E-08	1.43E-08	6.60E-05	5.55E-05	2.3E-06	5.3E-08	1.5E-08	6E-05
4673	480363.09, 3860377.25	0.0297	0.03135	0.02983	0.02978	0.02719	5.58E-05	2.8E-06	5.9E-08	3E-08	5.87E-05	6.84E-05	3.37E-06	5.83E-08	1.70E-08	7.18E-05	6.03E-05	2.6E-06	5.7E-08	1.8E-08	6E-05
4674	480863.09, 3860377.25	0.03188	0.03475	0.03191	0.0316	0.03056	5.99E-05	3E-06	6.3E-08	3.4E-08	6.31E-05	7.34E-05	3.74E-06	6.19E-08	1.91E-08	7.72E-05	6.47E-05	2.9E-06	6E-08	2E-08	7E-05
4675	481363.09, 3860377.25	0.03426	0.03736	0.03435	0.03385	0.03302	6.44E-05	3.3E-06	6.7E-08	3.7E-08	6.78E-05	7.89E-05	4.02E-06	6.63E-08	2.07E-08	8.30E-05	6.96E-05	3.1E-06	6.4E-08	2.1E-08	7E-05
4676	481863.09, 3860377.25	0.03669	0.03665	0.03667	0.03652	0.03615	6.89E-05	3.2E-06	7.2E-08	4E-08	7.23E-05	8.45E-05	3.94E-06	7.15E-08	2.26E-08	8.85E-05	7.45E-05	3E-06	6.9E-08	2.3E-08	8E-05
4677	482363.09, 3860377.25	0.03921	0.03537	0.03884	0.03917	0.03954	7.37E-05	3.1E-06	7.8E-08	4.4E-08	7.69E-05	9.03E-05	3.80E-06	7.67E-08	2.47E-08	9.42E-05	7.96E-05	2.9E-06	7.5E-08	2.6E-08	8E-05
4678	482863.09, 3860377.25	0.04186	0.0383	0.04113	0.04177	0.04249	7.87E-05	3.4E-06	8.3E-08	4.7E-08	8.22E-05	9.64E-05	4.12E-06	8.18E-08	2.66E-08	1.01E-04	8.50E-05	3.2E-06	7.9E-08	2.7E-08	9E-05
4679	483363.09, 3860377.25	0.04412	0.04028	0.04298	0.04423	0.04594	8.29E-05	3.5E-06	8.8E-08	5.1E-08	8.66E-05	1.02E-04	4.33E-06	8.66E-08	2.87E-08	1.06E-04	8.96E-05	3.3E-06	8.4E-08	3E-08	9E-05
4680	483863.09, 3860377.25	0.04672	0.04175	0.04532	0.0468	0.04919	8.78E-05	3.7E-06	9.3E-08	5.5E-08	9.16E-05	1.08E-04	4.49E-06	9.17E-08	3.08E-08	1.12E-04	9.49E-05	3.5E-06	8.9E-08	3.2E-08	1E-04
4681	484363.09, 3860377.25	0.0469	0.04264	0.04485	0.04633	0.05244	8.81E-05	3.7E-06	9.2E-08	5.9E-08	9.20E-05	1.08E-04	4.58E-06	9.08E-08	3.28E-08	1.13E-04	9.52E-05	3.5E-06	8.8E-08	3.4E-08	1E-04
4682	484863.09, 3860377.25	0.0487	0.04574	0.0461	0.04706	0.05574	9.15E-05	4E-06	9.3E-08	6.2E-08	9.57E-05	1.12E-04	4.92E-06	9.22E-08	3.49E-08	1.17E-04	9.89E-05	3.8E-06	9E-08	3.6E-08	0.0001
4683	485363.09, 3860377.25	0.05019	0.05065	0.04718	0.04679	0.05797	9.43E-05	4.4E-06	9.3E-08	6.5E-08	9.89E-05	1.16E-04	5.44E-06	9.17E-08	3.63E-08	1.21E-04	1.02E-04	4.2E-06	8.9E-08	3.7E-08	0.0001
4684	485863.09, 3860377.25	0.05179	0.05195	0.04818	0.04708	0.06023	9.73E-05	4.6E-06	9.3E-08	6.7E-08	1.02E-04	1.19E-04	5.58E-06	9.22E-08	3.77E-08	1.25E-04	1.05E-04	4.3E-06	9E-08	3.9E-08	0.0001
4685	486363.09, 3860377.25	0.0525	0.05227	0.0479	0.04642	0.06168	9.87E-05	4.6E-06	9.2E-08	6.9E-08	1.03E-04	1.21E-04	5.62E-06	9.09E-08	3.86E-08	1.27E-04	1.07E-04	4.3E-06	8.8E-08	4E-08	0.0001
4686	486863.09, 3860377.25	0.05327	0.04995	0.04719	0.04554	0.06152	1.00E-04	4.4E-06	9E-08	6.9E-08	1.05E-04	1.23E-04	5.37E-06	8.92E-08	3.85E-08	1.28E-04	1.08E-04	4.1E-06	8.7E-08	4E-08	0.0001
4687	487363.09, 3860377.25	0.05384	0.04695	0.04639	0.04504	0.06057	1.01E-04	4.1E-06	8.9E-08	6.8E-08	1.05E-04	1.24E-04	5.05E-06	8.82E-08	3.79E-08	1.29E-04	1.09E-04	3.9E-06	8.6E-08	3.9E-08	0.0001
4688	487863.09, 3860377.25	0.05527	0.05055	0.04754	0.04551	0.06022	1.04E-04	4.4E-06	9E-08	6.7E-08	1.08E-04	1.27E-04	5.43E-06	8.92E-08	3.77E-08	1.33E-04	1.12E-04	4.2E-06	8.7E-08	3.9E-08	0.0001
4689	488363.09, 3860377.25	0.05564	0.05108	0.04916	0.04587	0.06174	1.05E-04	4.5E-06	9.1E-08	6.9E-08	1.09E-04	1.28E-04	5.49E-06	8.99E-08	3.86E-08	1.34E-04	1.13E-04	4.2E-06	8.7E-08	4E-08	0.0001
4690	488863.09, 3860377.25	0.0562	0.05222	0.05055	0.04704	0.06285	1.06E-04	4.6E-06	9.3E-08	7E-08	1.10E-04	1.29E-04	5.61E-06	9.21E-08	3.93E-08	1.35E-04	1.14E-04	4.3E-06	8.9E-08	4.1E-08	0.0001
4691	489363.09, 3860377.25	0.05729	0.05475	0.05244	0.04786	0.06512	1.08E-04	4.8E-06	9.5E-08	7.3E-08	1.13E-04	1.32E-04	5.89E-06	9.38E-08	4.07E-08	1.38E-04	1.16E-04	4.5E-06	9.1E-08	4.2E-08	0.0001
4692	489863.09, 3860377.25	0.05883	0.05696	0.0545	0.04885	0.06649	1.11E-04	5E-06	9.7E-08	7.4E-08	1.16E-04	1.35E-04	6.12E-06	9.57E-08	4.16E-08	1.42E-04	1.19E-04	4.7E-06	9.3E-08	4.3E-08	0.0001
4693	490363.09, 3860377.25	0.0586	0.05777	0.05533	0.04955	0.0687	1.10E-04	5.1E-06	9.8E-08	7.7E-08	1.15E-04	1.35E-04	6.21E-06	9.71E-08	4.30E-08	1.41E-04	1.19E-04	4.8E-06	9.4E-08	4.4E-08	0.0001
4694	490863.09, 3860377.25	0.05544	0.05532	0.05291	0.04733	0.06547	1.04E-04	4.9E-06	9.4E-08	7.3E-08	1.09E-04	1.28E-04	5.95E-06	9.27E-08	4.09E-08	1.34E-04	1.13E-04	4.6E-06	9E-08	4.2E-08	0.0001
4695	491363.09, 3860377.25	0.05319	0.05229	0.0501	0.04427	0.06138	1.00E-04	4.6E-06	8.8E-08	6.9E-08	1.05E-04	1.22E-04	5.62E-06	8.67E-08	3.84E-08	1.28E-04	1.08E-04	4.3E-06	8.4E-08	4E-08	0.0001
4696	491863.09, 3860377.25	0.05363	0.05273	0.05039	0.0437	0.06186	1.01E-04	4.6E-06	8.7E-08	6.9E-08	1.06E-04	1.23E-04	5.67E-06	8.56E-08	3.87E-08	1.29E-04	1.09E-04	4.4E-06	8.3E-08	4E-08	0.0001
4697	492363.09, 3860377.25	0.05527	0.05634	0.05345	0.04533	0.06505	1.04E-04	4.9E-06	9E-08	7.3E-08	1.09E-04	1.27E-04	6.06E-06	8.88E-08	4.07E-08	1.33E-04	1.12E-04	4.7E-06	8.6E-08	4.2E-08	0.0001
4698	492863.09, 3860377.25	0.05548	0.0582	0.05531	0.04702	0.06706	1.04E-04	5.1E-06	9.3E-08	7.5E-08	1.10E-04	1.28E-04	6.26E-06	9.21E-08	4.19E-08	1.34E-04	1.13E-04	4.8E-06	8.9E-08	4.3E-08	0.0001
4699	493363.09, 3860377.25	0.05613	0.05963	0.05739	0.04921	0.06701	1.05E-04	5.2E-06	9.8E-08	7.5E-08	1.11E-04	1.29E-04	6.41E-06	9.64E-08	4.19E-08	1.36E-04	1.14E-04	4.9E-06	9.4E-08	4.3E-08	0.0001
4700	493863.09, 3860377.25	0.05501	0.05828	0.05658	0.0489	0.06599	1.03E-04	5.1E-06	9.7E-08	7.4E-08	1.09E-04	1.27E-04	6.27E-06	9.58E-08	4.13E-08	1.33E-04	1.12E-04	4.8E-06	9.3E-08	4.3E-08	0.0001
4701	494363.09, 3860377.25	0.05403	0.0576	0.056	0.04831	0.06332	1.02E-04	5.1E-06	9.6E-08	7.1E-08	1.07E-04	1.24E-04	6.19E-06	9.46E-08	3.96E-08	1.31E-04	1.10E-04	4.8E-06	9.2E-08	4.1E-08	0.0001
4702	494863.09, 3860377.25	0.05211	0.05575	0.05406	0.04659	0.0612	9.79E-05	4.9E-06	9.2E-08	6.8E-08	1.03E-04	1.20E-04	5.99E-06	9.13E-08	3.83E-08	1.26E-04	1.06E-04	4.6E-06	8.9E-08	4E-08	0.0001
4703	495363.09, 3860377.25	0.05052	0.05443	0.05278	0.04533	0.05834	9.49E-05	4.8E-06	9E-08	6.5E-08	9.99E-05	1.16E-04	5.85E-06	8.88E-08	3.65E-08	1.22E-04	1.03E-04	4.5E-06	8.6E-08	3.8E-08	0.0001
4704	495863.09, 3860377.25	0.04877	0.05266	0.0515	0.04428	0.05363	9.16E-05	4.6E-06	8.8E-08	6E-08	9.64E-05	1.12E-04	5.66E-06	8.67E-08	3.35E-08	1.18E-04	9.90E-05	4.4E-06	8.4E-08	3.5E-08	0.0001
4705	496363.09, 3860377.25	0.04644	0.04991	0.04886	0.04326	0.0482	8.73E-05	4.4E-06	8.6E-08	5.4E-08	9.18E-05	1.07E-04	5.37E-06	8.47E-08	3.01E-08	1.12E-04	9.43E-05	4.1E-06	8.2E-08	3.1E-08	1E-04
4706	496863.09, 3860377.25	0.04376	0.04712	0.04645	0.04152	0.04357	8.22E-05	4.1E-06	8.2E-08	4.9E-08	8.65E-05	1.01E-04	5.07E-06	8.13E-08	2.73E-08	1.06E-04	8.88E-05	3.9E-06	7.9E-08	2.8E-08	9E-05
4707	497363.09, 3860377.25	0.04022	0.04335	0.04313	0.03883	0.03811	7.56E-05	3.8E-06	7.7E-08	4.3E-08	7.95E-05	9.26E-05	4.66E-06	7.61E-08	2.38E-08	9.74E-05	8.17E-05	3.6E-06	7.4E-08	2.5E-08	9E-05
4708	497863.09, 3860377.25	0.04215	0.04515	0.04469	0.03967	0.0441	7.92E-05	4E-06	7.9E-08	4.9E-08	8.33E-05	9.71E-05	4.85E-06	7.77E-08	2.76E-08	1.02E-04	8.56E-05	3.7E-06	7.5E-08	2.8E-08	9E-05
4709	498363.09, 3860377.25	0.0413	0.0454	0.04451	0.03804	0.04741	7.76E-05	4E-06	7.6E-08	5.3E-08	8.17E-05	9.51E-05	4.88E-06	7.45E-08	2.97E-08	1.00E-04	8.39E-05	3.8E-06	7.2E-08	3.1E-08	9E-05
4710	471363.09, 3860877.25	0.01014	0.00967	0.00986	0.01005	0.00861	1.91E-05	8.5E-07	2E-08	9.6E-09	1.99E-05	2.34E-05	1.04E-06	1.97E-08	5.39E-09	2.44E-05	2.06E-05	8E-07	1.9E-08	5.6E-09	2E-05
4711	471863.09, 3860877.25	0.01071	0.01053	0.01051	0.01066	0.00907	2.01E-05	9.2E-07	2.1E-08	1E-08	2.11E-05	2.47E-05	1.13E-06	2.09E-08	5.67E-09	2.58E-05	2.17E-05	8.7E-07	2E-08	5.9E-09	2E-05
4712	472363.09, 3860877.25	0.0113	0.01143	0.01122	0.01134	0.00954	2.12E-05	1E-06	2.3E-08	1.1E-08	2.23E-05	2.60E-05	1.23E-06	2.22E-08	5.97E-09	2.73E-05	2.29E-05	9.5E-07	2.2E-08	6.2E-09	2E-05
4713	472863.09, 3860877.25	0.01195	0.01205	0.01202	0.01212	0.01022	2.25E-05	1.1E-06	2.4E-08	1.1E-08	2.35E-05	2.75E-05	1.30E-06	2.37E-08	6.39E-09	2.88E-05	2.43E-05	1E-06	2.3E-08	6.6E-09	3E-05
4714	473363.09, 3860877.25	0.01258	0.01244	0.01275	0.0129	0.01091	2.36E-05	1.1E-06	2.6E-08	1.2E-08	2.48E-05	2.90E-05	1.34E-06	2.53E-08	6.82E-09	3.03E-05	2.55E-05	1E-06	2.5E-08	7E-09	3E-05
4715	473863.09, 3860877.25	0.01318	0.01256	0.01344	0.01367	0.01167	2.48E-05	1.1E-06	2.7E-08	1.3E-08	2.59E-05	3.04E-05	1.35E-06	2.68E-08	7.30E-09	3.17E-05	2.68E-05	1E-06	2.6E-08	7.5E-09	3E-05
4716	474363.09, 3860877.25	0.01379	0.01249	0.01401	0.01441	0.01226	2.59E-05	1.1E-06	2.9E-08	1.4E-08	2.71E-05	3.18E-05	1.34E-06	2.82E-08	7.67E-09	3.31E-05	2.80E-05	1E-06	2.7E-08	7.9E-09	3E-05
4717	474863.09, 3860877.25	0.01445	0.01281	0.01464	0.01512	0.01283	2.72E-05	1.1E-06	3E-08	1.4E-08	2.83E-05	3.33E-05	1.38E-06	2.96E-08	8.02E-09	3.47E-05	2.93E-05	1.1E-06	2.9E-08	8.3E-09	3E-05
4718	475363.09, 3860877.25	0.01486	0.01344	0.01515	0.0156	0.01246	2.79E-05	1.2E-06	3.1E-08	1.4E-08	2.91E-05	3.42E-05	1.44E-06	3.06E-08	7.79E-09	3.57E-05	3.02E-05	1.1E-06	3E-08	8E-09	3E-05
4719	475863.09, 3860877.25	0.01488	0.01429	0.01536	0.01566	0.01128	2.80E-05	1.3E-06	3.1E-08	1.3E-08	2.93E-05	3.43E-05	1.54E-06	3.07E-08	7.05E-09	3.58E-05	3.02E-05	1.2E-06	3E-08	7.3E-09	3E-05
4720	476363.09, 3860877.25	0.01423	0.01457	0.01492	0.01508	0.00947	2.67E-05	1.3E-06	3E-08	1.1E-08	2.81E-05	3.28E-05	1.57E-06	2.95E-08	5.92E-09	3.44E-05	2.89E-05	1.2E-06	2.9E-08	6.1E-09	3E-05
4721	476863.09, 3860877.25	0.0141	0.01451	0.01484	0.01501	0.00887	2.65E-05	1.3E-06	3E-08	9.9E-09	2.78E-05	3.25E-05	1.56E-06	2.94E-08	5.55E-09	3.41E-05	2.86E-05	1.2E-06	2.9E-08	5.7E-09	3E-05
4722	477363.09, 3860877.25	0.01472	0.01473	0.01546	0.01569	0.00919	2.77E-05	1.3E-06	3.1E-08	1E-08	2.90E-05	3.39E-05	1.58E-06	3.07E-08	5.75E-09	3.55E-05	2.99E-05	1.2E-06	3E-08	5.9E-09	3E-05
4723	477863.09, 3860877.25	0.01325	0.01279	0.01391	0.0143	0.00768	2.49E-05	1.1E-06	2.8E-08	8.6E-09	2.61E-05	3.05E-05	1.37E-06	2.80E-08	4.80E-09	3.19E-05	2.69E-05	1.1E-06	2.7E-08	5E-09	3E-05
4724	478363.09, 3860877.25	0.00805	0.00712	0.00814	0.00875	0.00467	1.51E-05	6.2E-07	1.7E-08	5.2E-09	1.58E-05	1.85E-05	7.65E-07	1.71E-08	2.92E-09	1.93E-05	1.63E-05	5.9E-07	1.7E-08	3E-09	2E-05
4725	478863.09, 3860877.25	0.01709	0.01658	0.01779	0.01807	0.01036	3.21E-05	1.5E-06	3.6E-08	1.2E-08	3.36E-05	3.94E-05	1.78E-06	3.54E-08	6.48E-09	4.12E-05	3.47E-05	1.4E-06	3.4E-08	6.7E-09	4E-05
4726	479363.09, 3860877.25	0.02212	0.02368	0.02265	0.02261	0.01645	4.16E-05	2.1E-06	4.5E-08	1.8E-08	4.37E-05	5.09E-05	2.55E-06	4.43E-08	1.03E-08	5.35E-05	4.49E-05	2E-06	4.3E-08	1.1E-08	5E-05
4727	479863.09, 3860877.25	0.025	0.02767	0.02507	0.02488	0.02162	4.70E-05	2.4E-06	4.9E-08	2.4E-08	4.95E-05	5.76E-05	2.97E-06	4.87E-08	1.35E-08	6.06E-05	5.08E-05	2.3E-06	4.7E-08	1.4E-08	5E-05
4728	480363.09, 3860877.25	0.02696	0.0293	0.02689	0.02644	0.02532	5.07E-05	2.6E-06	5.2E-08	2.8E-08	5.33E-05	6.21E-05	3.15E-06	5.18E-08	1.58E-08	6.53E-05	5.47E-05	2.4E-06	5E-08	1.6E-08	6E-05
4729	480863.09, 3860877.25	0.02888	0.03008	0.0286	0.02822	0.02765	5.43E-05	2.6E-06	5.6E-08	3.1E-08	5.70E-05	6.65E-05	3.23E-06	5.53E-08	1.73E-08	6.98E-05	5.86E-05	2.5E-06	5.4E-08	1.8E-08	6E-05
4730	481363.09, 3860877.25	0.03078	0.02972	0.03028	0.03032	0.03002	5.78E-05	2.6E-06	6E-08	3.4E-08	6.05E-05	7.09E-05	3.19E-06	5.94E-08	1.88E-08	7.42E-05	6.25E-05	2.5E-06	5.8E-08	1.9E-08	7E-05
4731	481863.09, 3860877.25	0.03262	0.02941	0.03185	0.03248	0.03243	6.13E-05	2.6E-06	6.4E-08	3.6E-08	6.40E-05	7.51E-05	3.16E-06	6.36E-08	2.03E-08	7.84E-05	6.62E-05	2.4E-06	6.2E-08	2.1E-08	7E-05
4732	482363.09, 3860877.25	0.0344	0.03093	0.03328	0.03419	0.03497	6.46E-05	2.7E-06	6.8E-08	3.9E-08	6.75E-05	7.92E-05	3.33E-06	6.70E-08	2.19E-08	8.26E-05	6.98E-05	2.6E-06	6.5E-08	2.3E-08	7E-05

4733	482863.09, 3860877.25	0.03648	0.0338	0.03531	0.03633	0.03651	6.86E-05	3E-06	7.2E-08	4.1E-08	7.16E-05	8.40E-05	3.63E-06	7.12E-08	2.28E-08	8.77E-05	7.41E-05	2.8E-06	6.9E-08	2.4E-08	8E-05
4734	483363.09, 3860877.25	0.03847	0.0345	0.03733	0.03861	0.03901	7.23E-05	3E-06	7.7E-08	4.4E-08	7.54E-05	8.86E-05	3.71E-06	7.56E-08	2.44E-08	9.24E-05	7.81E-05	2.9E-06	7.3E-08	2.5E-08	8E-05
4735	483863.09, 3860877.25	0.0402	0.03692	0.03895	0.04013	0.0421	7.55E-05	3.2E-06	8E-08	4.7E-08	7.89E-05	9.26E-05	3.97E-06	7.86E-08	2.63E-08	9.66E-05	8.16E-05	3.1E-06	7.6E-08	2.7E-08	8E-05
4736	484363.09, 3860877.25	0.04102	0.03866	0.03939	0.04044	0.0448	7.71E-05	3.4E-06	8E-08	5E-08	8.06E-05	9.45E-05	4.16E-06	7.92E-08	2.80E-08	9.87E-05	8.33E-05	3.2E-06	7.7E-08	2.9E-08	9E-05
4737	484863.09, 3860877.25	0.04089	0.03904	0.03886	0.03943	0.04652	7.68E-05	3.4E-06	7.8E-08	5.2E-08	8.04E-05	9.42E-05	4.20E-06	7.72E-08	2.91E-08	9.85E-05	8.30E-05	3.2E-06	7.5E-08	3E-08	9E-05
4738	485363.09, 3860877.25	0.04186	0.0418	0.03935	0.03916	0.04807	7.87E-05	3.7E-06	7.8E-08	5.4E-08	8.25E-05	9.64E-05	4.49E-06	7.67E-08	3.01E-08	1.01E-04	8.50E-05	3.5E-06	7.4E-08	3.1E-08	9E-05
4739	485863.09, 3860877.25	0.0433	0.04217	0.04011	0.03969	0.04898	8.14E-05	3.7E-06	7.9E-08	5.5E-08	8.52E-05	9.97E-05	4.53E-06	7.77E-08	3.06E-08	1.04E-04	8.79E-05	3.5E-06	7.6E-08	3.2E-08	9E-05
4740	486363.09, 3860877.25	0.04312	0.04305	0.03911	0.03856	0.04902	8.10E-05	3.8E-06	7.7E-08	5.5E-08	8.49E-05	9.93E-05	4.63E-06	7.55E-08	3.07E-08	1.04E-04	8.75E-05	3.6E-06	7.3E-08	3.2E-08	9E-05
4741	486863.09, 3860877.25	0.04333	0.04035	0.03856	0.03791	0.04855	8.14E-05	3.5E-06	7.5E-08	5.4E-08	8.51E-05	9.98E-05	4.34E-06	7.43E-08	3.04E-08	1.04E-04	8.80E-05	3.3E-06	7.2E-08	3.1E-08	9E-05
4742	487363.09, 3860877.25	0.04323	0.03764	0.03772	0.03741	0.04783	8.12E-05	3.3E-06	7.4E-08	5.3E-08	8.47E-05	9.96E-05	4.05E-06	7.33E-08	2.99E-08	1.04E-04	8.78E-05	3.1E-06	7.1E-08	3.1E-08	9E-05
4743	487863.09, 3860877.25	0.04299	0.03919	0.03774	0.03708	0.04677	8.08E-05	3.4E-06	7.4E-08	5.2E-08	8.44E-05	9.90E-05	4.21E-06	7.26E-08	2.93E-08	1.03E-04	8.73E-05	3.2E-06	7.1E-08	3E-08	9E-05
4744	488363.09, 3860877.25	0.04435	0.04246	0.04013	0.03803	0.0485	8.33E-05	3.7E-06	7.5E-08	5.4E-08	8.72E-05	1.02E-04	4.56E-06	7.45E-08	3.03E-08	1.07E-04	9.00E-05	3.5E-06	7.2E-08	3.1E-08	9E-05
4745	488863.09, 3860877.25	0.04357	0.04043	0.03995	0.03794	0.04896	8.19E-05	3.5E-06	7.5E-08	5.5E-08	8.56E-05	1.00E-04	4.35E-06	7.43E-08	3.06E-08	1.05E-04	8.85E-05	3.3E-06	7.2E-08	3.2E-08	9E-05
4746	489363.09, 3860877.25	0.04511	0.04352	0.04206	0.03932	0.05042	8.48E-05	3.8E-06	7.8E-08	5.6E-08	8.87E-05	1.04E-04	4.68E-06	7.70E-08	3.15E-08	1.09E-04	9.16E-05	3.6E-06	7.5E-08	3.3E-08	1E-04
4747	489863.09, 3860877.25	0.04454	0.04333	0.04193	0.03878	0.05108	8.37E-05	3.8E-06	7.7E-08	5.7E-08	8.76E-05	1.03E-04	4.66E-06	7.60E-08	3.19E-08	1.07E-04	9.04E-05	3.6E-06	7.4E-08	3.3E-08	9E-05
4748	490363.09, 3860877.25	0.0453	0.04464	0.04316	0.03927	0.05186	8.51E-05	3.9E-06	7.8E-08	5.8E-08	8.92E-05	1.04E-04	4.80E-06	7.69E-08	3.24E-08	1.09E-04	9.20E-05	3.7E-06	7.5E-08	3.3E-08	1E-04
4749	490863.09, 3860877.25	0.04563	0.04573	0.04427	0.04023	0.05388	8.57E-05	4E-06	8E-08	6E-08	8.99E-05	1.05E-04	4.92E-06	7.88E-08	3.37E-08	1.10E-04	9.26E-05	3.8E-06	7.7E-08	3.5E-08	1E-04
4750	491363.09, 3860877.25	0.0437	0.04433	0.04282	0.03892	0.05213	8.21E-05	3.9E-06	7.7E-08	5.8E-08	8.61E-05	1.01E-04	4.77E-06	7.62E-08	3.26E-08	1.06E-04	8.87E-05	3.7E-06	7.4E-08	3.4E-08	9E-05
4751	491863.09, 3860877.25	0.04183	0.04217	0.04079	0.03671	0.04876	7.86E-05	3.7E-06	7.3E-08	5.4E-08	8.24E-05	9.63E-05	4.53E-06	7.19E-08	3.05E-08	1.01E-04	8.49E-05	3.5E-06	7E-08	3.1E-08	9E-05
4752	492363.09, 3860877.25	0.04067	0.04075	0.03941	0.03511	0.04737	7.64E-05	3.6E-06	7E-08	5.3E-08	8.01E-05	9.37E-05	4.38E-06	6.88E-08	2.96E-08	9.81E-05	8.26E-05	3.4E-06	6.7E-08	3.1E-08	9E-05
4753	492863.09, 3860877.25	0.04145	0.04195	0.0404	0.03533	0.04871	7.79E-05	3.7E-06	7E-08	5.4E-08	8.17E-05	9.55E-05	4.51E-06	6.92E-08	3.05E-08	1.00E-04	8.42E-05	3.5E-06	6.7E-08	3.1E-08	9E-05
4754	493363.09, 3860877.25	0.04296	0.04473	0.04287	0.0369	0.05147	8.07E-05	3.9E-06	7.3E-08	5.8E-08	8.48E-05	9.89E-05	4.81E-06	7.23E-08	3.22E-08	1.04E-04	8.72E-05	3.7E-06	7E-08	3.3E-08	9E-05
4755	493863.09, 3860877.25	0.0433	0.04595	0.04423	0.03823	0.05296	8.14E-05	4E-06	7.6E-08	5.9E-08	8.55E-05	9.97E-05	4.94E-06	7.49E-08	3.31E-08	1.05E-04	8.79E-05	3.8E-06	7.3E-08	3.4E-08	9E-05
4756	494363.09, 3860877.25	0.04337	0.04617	0.0449	0.03919	0.0532	8.15E-05	4.1E-06	7.8E-08	5.9E-08	8.57E-05	9.99E-05	4.96E-06	7.68E-08	3.33E-08	1.05E-04	8.81E-05	3.8E-06	7.5E-08	3.4E-08	9E-05
4757	494863.09, 3860877.25	0.04322	0.04604	0.04506	0.03946	0.0525	8.12E-05	4E-06	7.8E-08	5.9E-08	8.54E-05	9.95E-05	4.95E-06	7.73E-08	3.28E-08	1.05E-04	8.78E-05	3.8E-06	7.5E-08	3.4E-08	9E-05
4758	495363.09, 3860877.25	0.0426	0.04556	0.04459	0.03897	0.05113	8.01E-05	4E-06	7.7E-08	5.7E-08	8.42E-05	9.81E-05	4.90E-06	7.63E-08	3.20E-08	1.03E-04	8.65E-05	3.8E-06	7.4E-08	3.3E-08	9E-05
4759	495863.09, 3860877.25	0.04144	0.04453	0.04347	0.03789	0.04947	7.79E-05	3.9E-06	7.5E-08	5.5E-08	8.19E-05	9.54E-05	4.79E-06	7.42E-08	3.09E-08	1.00E-04	8.41E-05	3.7E-06	7.2E-08	3.2E-08	9E-05
4760	496363.09, 3860877.25	0.04073	0.04404	0.04299	0.03728	0.04748	7.65E-05	3.9E-06	7.4E-08	5.3E-08	8.05E-05	9.38E-05	4.73E-06	7.30E-08	2.97E-08	9.86E-05	8.27E-05	3.6E-06	7.1E-08	3.1E-08	9E-05
4761	496863.09, 3860877.25	0.03971	0.043	0.04232	0.03666	0.04384	7.46E-05	3.8E-06	7.3E-08	4.9E-08	7.85E-05	9.14E-05	4.62E-06	7.18E-08	2.74E-08	9.62E-05	8.06E-05	3.6E-06	7E-08	2.8E-08	8E-05
4762	497363.09, 3860877.25	0.03856	0.04179	0.04116	0.0357	0.04275	7.25E-05	3.7E-06	7.1E-08	4.8E-08	7.62E-05	8.88E-05	4.49E-06	6.99E-08	2.67E-08	9.34E-05	7.83E-05	3.5E-06	6.8E-08	2.8E-08	8E-05
4763	497863.09, 3860877.25	0.03747	0.04042	0.03974	0.03502	0.04091	7.04E-05	3.5E-06	7E-08	4.6E-08	7.41E-05	8.63E-05	4.35E-06	6.86E-08	2.56E-08	9.07E-05	7.61E-05	3.3E-06	6.7E-08	2.6E-08	8E-05
4764	498363.09, 3860877.25	0.03637	0.03975	0.03905	0.03369	0.04151	6.83E-05	3.5E-06	6.7E-08	4.6E-08	7.19E-05	8.38E-05	4.27E-06	6.60E-08	2.60E-08	8.81E-05	7.38E-05	3.3E-06	6.4E-08	2.7E-08	8E-05
4765	471363.09, 3861377.25	0.01008	0.01023	0.0101	0.01013	0.0087	1.89E-05	9E-07	2E-08	9.7E-09	1.99E-05	2.32E-05	1.10E-06	1.98E-08	5.44E-09	2.43E-05	2.05E-05	8.5E-07	1.9E-08	5.6E-09	2E-05
4766	471863.09, 3861377.25	0.0106	0.01082	0.01072	0.01075	0.0092	1.99E-05	9.5E-07	2.1E-08	1E-08	2.09E-05	2.44E-05	1.16E-06	2.11E-08	5.75E-09	2.56E-05	2.15E-05	8.9E-07	2E-08	5.9E-09	2E-05
4767	472363.09, 3861377.25	0.01112	0.0112	0.01133	0.0114	0.00984	2.09E-05	9.8E-07	2.3E-08	1.1E-08	2.19E-05	2.56E-05	1.20E-06	2.23E-08	6.15E-09	2.68E-05	2.26E-05	9.3E-07	2.2E-08	6.4E-09	2E-05
4768	472863.09, 3861377.25	0.01167	0.01143	0.01191	0.01206	0.01066	2.19E-05	1E-06	2.4E-08	1.2E-08	2.30E-05	2.69E-05	1.23E-06	2.36E-08	6.67E-09	2.81E-05	2.37E-05	9.5E-07	2.3E-08	6.9E-09	2E-05
4769	473363.09, 3861377.25	0.01219	0.0115	0.01246	0.01265	0.0114	2.29E-05	1E-06	2.5E-08	1.3E-08	2.40E-05	2.81E-05	1.24E-06	2.48E-08	7.13E-09	2.93E-05	2.48E-05	9.5E-07	2.4E-08	7.4E-09	3E-05
4770	473863.09, 3861377.25	0.01271	0.01169	0.01298	0.0132	0.01193	2.39E-05	1E-06	2.6E-08	1.3E-08	2.49E-05	2.93E-05	1.26E-06	2.59E-08	7.46E-09	3.06E-05	2.58E-05	9.7E-07	2.5E-08	7.7E-09	3E-05
4771	474363.09, 3861377.25	0.01331	0.01222	0.01353	0.01374	0.01263	2.50E-05	1.1E-06	2.7E-08	1.4E-08	2.61E-05	3.07E-05	1.31E-06	2.69E-08	7.90E-09	3.20E-05	2.70E-05	1E-06	2.6E-08	8.2E-09	3E-05
4772	474863.09, 3861377.25	0.01391	0.01308	0.01411	0.01433	0.01291	2.61E-05	1.1E-06	2.8E-08	1.4E-08	2.73E-05	3.20E-05	1.41E-06	2.81E-08	8.07E-09	3.35E-05	2.82E-05	1.1E-06	2.7E-08	8.3E-09	3E-05
4773	475363.09, 3861377.25	0.0146	0.01403	0.01476	0.01496	0.01357	2.74E-05	1.2E-06	3E-08	1.5E-08	2.87E-05	3.36E-05	1.51E-06	2.93E-08	8.49E-09	3.52E-05	2.96E-05	1.2E-06	2.8E-08	8.8E-09	3E-05
4774	475863.09, 3861377.25	0.01518	0.01491	0.01536	0.01554	0.01362	2.85E-05	1.3E-06	3.1E-08	1.5E-08	2.99E-05	3.50E-05	1.60E-06	3.04E-08	8.52E-09	3.66E-05	3.08E-05	1.2E-06	3E-08	8.8E-09	3E-05
4775	476363.09, 3861377.25	0.01563	0.01537	0.01593	0.01604	0.01328	2.94E-05	1.3E-06	3.2E-08	1.5E-08	3.08E-05	3.60E-05	1.65E-06	3.14E-08	8.31E-09	3.77E-05	3.17E-05	1.3E-06	3.1E-08	8.6E-09	3E-05
4776	476863.09, 3861377.25	0.01608	0.01555	0.01642	0.01657	0.01308	3.02E-05	1.4E-06	3.3E-08	1.5E-08	3.16E-05	3.70E-05	1.67E-06	3.25E-08	8.18E-09	3.87E-05	3.26E-05	1.3E-06	3.2E-08	8.4E-09	3E-05
4777	477363.09, 3861377.25	0.01653	0.01572	0.01688	0.01712	0.01296	3.11E-05	1.4E-06	3.4E-08	1.4E-08	3.25E-05	3.81E-05	1.69E-06	3.35E-08	8.11E-09	3.98E-05	3.36E-05	1.3E-06	3.3E-08	8.4E-09	3E-05
4778	477863.09, 3861377.25	0.01512	0.01432	0.01565	0.01601	0.01001	2.84E-05	1.3E-06	3.2E-08	1.1E-08	2.97E-05	3.48E-05	1.54E-06	3.14E-08	6.26E-09	3.64E-05	3.07E-05	1.2E-06	3E-08	6.5E-09	3E-05
4779	478363.09, 3861377.25	0.00985	0.00937	0.01009	0.01062	0.00554	1.85E-05	8.2E-07	2.1E-08	6.2E-09	1.94E-05	2.27E-05	1.01E-06	2.08E-08	3.46E-09	2.37E-05	2.00E-05	7.7E-07	2E-08	3.6E-09	2E-05
4780	478863.09, 3861377.25	0.01236	0.01349	0.01285	0.01305	0.0069	2.32E-05	1.2E-06	2.6E-08	7.7E-09	2.44E-05	2.85E-05	1.45E-06	2.56E-08	4.32E-09	2.99E-05	2.51E-05	1.1E-06	2.5E-08	4.5E-09	3E-05
4781	479363.09, 3861377.25	0.01996	0.02312	0.02056	0.02008	0.01466	3.75E-05	2E-06	4E-08	1.6E-08	3.96E-05	4.60E-05	2.49E-06	3.93E-08	9.17E-09	4.85E-05	4.05E-05	1.9E-06	3.8E-08	9.5E-09	4E-05
4782	479863.09, 3861377.25	0.02288	0.02391	0.02277	0.0224	0.01995	4.30E-05	2.1E-06	4.4E-08	2.2E-08	4.52E-05	5.27E-05	2.57E-06	4.39E-08	1.25E-08	5.53E-05	4.65E-05	2E-06	4.3E-08	1.3E-08	5E-05
4783	480363.09, 3861377.25	0.02472	0.02433	0.02414	0.02402	0.02345	4.65E-05	2.1E-06	4.8E-08	2.6E-08	4.87E-05	5.69E-05	2.62E-06	4.71E-08	1.47E-08	5.96E-05	5.02E-05	2E-06	4.6E-08	1.5E-08	5E-05
4784	480863.09, 3861377.25	0.02613	0.02482	0.02531	0.0256	0.02534	4.91E-05	2.2E-06	5.1E-08	2.8E-08	5.14E-05	6.02E-05	2.67E-06	5.01E-08	1.58E-08	6.29E-05	5.31E-05	2.1E-06	4.9E-08	1.6E-08	6E-05
4785	481363.09, 3861377.25	0.02751	0.02552	0.02653	0.02725	0.02706	5.17E-05	2.2E-06	5.4E-08	3E-08	5.40E-05	6.34E-05	2.74E-06	5.34E-08	1.69E-08	6.62E-05	5.59E-05	2.1E-06	5.2E-08	1.7E-08	6E-05
4786	481863.09, 3861377.25	0.02894	0.0261	0.02787	0.02885	0.02873	5.44E-05	2.3E-06	5.7E-08	3.2E-08	5.68E-05	6.66E-05	2.81E-06	5.65E-08	1.80E-08	6.95E-05	5.88E-05	2.2E-06	5.5E-08	1.9E-08	6E-05
4787	482363.09, 3861377.25	0.03051	0.02768	0.02937	0.03028	0.03043	5.73E-05	2.4E-06	6E-08	3.4E-08	5.99E-05	7.03E-05	2.98E-06	5.93E-08	1.90E-08	7.33E-05	6.19E-05	2.3E-06	5.8E-08	2E-08	6E-05
4788	482863.09, 3861377.25	0.03213	0.02923	0.031	0.03206	0.03217	6.04E-05	2.6E-06	6.4E-08	3.6E-08	6.30E-05	7.40E-05	3.14E-06	6.28E-08	2.01E-08	7.72E-05	6.52E-05	2.4E-06	6.1E-08	2.1E-08	7E-05
4789	483363.09, 3861377.25	0.03351	0.03061	0.03242	0.03354	0.03454	6.30E-05	2.7E-06	6.7E-08	3.9E-08	6.58E-05	7.72E-05	3.29E-06	6.57E-08	2.16E-08	8.05E-05	6.80E-05	2.5E-06	6.4E-08	2.2E-08	7E-05
4790	483863.09, 3861377.25	0.03462	0.03287	0.03352	0.0344	0.03662	6.51E-05	2.9E-06	6.8E-08	4.1E-08	6.81E-05	7.97E-05	3.53E-06	6.74E-08	2.29E-08	8.33E-05	7.03E-05	2.7E-06	6.5E-08	2.4E-08	7E-05
4791	484363.09, 3861377.25	0.03584	0.03427	0.03472	0.0354	0.03839	6.74E-05	3E-06	7E-08	4.3E-08	7.05E-05	8.25E-05	3.68E-06	6.93E-08	2.40E-08	8.63E-05	7.28E-05	2.8E-06	6.7E-08	2.5E-08	8E-05
4792	484863.09, 3861377.25	0.03566	0.03475	0.03398	0.03436	0.03996	6.70E-05	3E-06	6.8E-08	4.5E-08	7.02E-05	8.21E-05	3.74E-06	6.73E-08	2.50E-08	8.59E-05	7.24E-05	2.9E-06	6.5E-08	2.6E-08	8E-05
4793	485363.09, 3861377.25	0.0355	0.0339	0.03312	0.03329	0.04014	6.67E-05	3E-06	6.6E-08	4.5E-08	6.98E-05	8.17E-05	3.64E-06	6.52E-08	2.51E-08	8.55E-05	7.21E-05	2.8E-06	6.3E-08	2.6E-08	7E-05
4794	485863.09, 3861377.25	0.03604	0.03481	0.03298	0.03312	0.04019	6.77E-05	3.1E-06	6.6E-08	4.5E-08	7.09E-05	8.30E-05	3.74E-06	6.49E-08	2.51E-08	8.68E-05	7.32E-05	2.9E-06	6.3E-08	2.6E-08	8E-05
4795	486363.09, 3861377.25	0.03622	0.03589	0.03272	0.03266	0.03977	6.81E-05	3.1E-06	6.5E-08	4.4E-08	7.13E-05	8.34E-05	3.86E-06	6.40E-08	2.49E-08	8.74E-05	7.35E-05	3E-06	6.2E-08	2.6E-08	8E-05
4796	486863.09, 3861377.25	0.03624	0.03385	0.03237	0.03228	0.03978	6.81E-05	3E-06	6.4E-08	4.4E-08	7.12E-05	8.35E-05	3.64E-06	6.32E-08	2.49E-08	8.72E-05	7.36E-05	2.8E-06	6.1E-08	2.6E-08	8E-05

4797	487363.09, 3861377.25	0.03584	0.03125	0.03162	0.03187	0.03904	6.74E-05	2.7E-06	6.3E-08	4.4E-08	7.02E-05	8.25E-05	3.36E-06	6.24E-08	2.44E-08	8.60E-05	7.28E-05	2.6E-06	6.1E-08	2.5E-08	8E-05
4798	487863.09, 3861377.25	0.03557	0.03183	0.03149	0.03161	0.03825	6.68E-05	2.8E-06	6.3E-08	4.3E-08	6.97E-05	8.19E-05	3.42E-06	6.19E-08	2.39E-08	8.54E-05	7.22E-05	2.6E-06	6E-08	2.5E-08	7E-05
4799	488363.09, 3861377.25	0.0352	0.03427	0.03212	0.03106	0.0384	6.61E-05	3E-06	6.2E-08	4.3E-08	6.93E-05	8.11E-05	3.68E-06	6.08E-08	2.40E-08	8.48E-05	7.15E-05	2.8E-06	5.9E-08	2.5E-08	7E-05
4800	488863.09, 3861377.25	0.0353	0.03324	0.03274	0.03143	0.0396	6.63E-05	2.9E-06	6.2E-08	4.4E-08	6.94E-05	8.13E-05	3.57E-06	6.16E-08	2.48E-08	8.49E-05	7.17E-05	2.7E-06	6E-08	2.6E-08	7E-05
4801	489363.09, 3861377.25	0.03556	0.03376	0.03325	0.0318	0.03962	6.68E-05	3E-06	6.3E-08	4.4E-08	6.99E-05	8.19E-05	3.63E-06	6.23E-08	2.48E-08	8.56E-05	7.22E-05	2.8E-06	6E-08	2.6E-08	8E-05
4802	489863.09, 3861377.25	0.03611	0.0353	0.03438	0.03245	0.04109	6.79E-05	3.1E-06	6.4E-08	4.6E-08	7.11E-05	8.32E-05	3.79E-06	6.36E-08	2.57E-08	8.70E-05	7.33E-05	2.9E-06	6.2E-08	2.7E-08	8E-05
4803	490363.09, 3861377.25	0.03634	0.03568	0.03474	0.03243	0.04148	6.83E-05	3.1E-06	6.4E-08	4.6E-08	7.15E-05	8.37E-05	3.84E-06	6.35E-08	2.59E-08	8.76E-05	7.38E-05	3E-06	6.2E-08	2.7E-08	8E-05
4804	490863.09, 3861377.25	0.03664	0.03646	0.0355	0.03263	0.04188	6.89E-05	3.2E-06	6.5E-08	4.7E-08	7.22E-05	8.44E-05	3.92E-06	6.39E-08	2.62E-08	8.84E-05	7.44E-05	3E-06	6.2E-08	2.7E-08	8E-05
4805	491363.09, 3861377.25	0.03701	0.0374	0.03648	0.0335	0.04363	6.95E-05	3.3E-06	6.6E-08	4.9E-08	7.29E-05	8.52E-05	4.02E-06	6.56E-08	2.73E-08	8.93E-05	7.51E-05	3.1E-06	6.4E-08	2.8E-08	8E-05
4806	491863.09, 3861377.25	0.03587	0.03666	0.03568	0.03278	0.04281	6.74E-05	3.2E-06	6.5E-08	4.8E-08	7.07E-05	8.26E-05	3.94E-06	6.42E-08	2.68E-08	8.66E-05	7.28E-05	3E-06	6.2E-08	2.8E-08	8E-05
4807	492363.09, 3861377.25	0.03416	0.03479	0.03388	0.03091	0.03993	6.42E-05	3.1E-06	6.1E-08	4.5E-08	6.74E-05	7.87E-05	3.74E-06	6.06E-08	2.50E-08	8.25E-05	6.94E-05	2.9E-06	5.9E-08	2.6E-08	7E-05
4808	492863.09, 3861377.25	0.03323	0.03374	0.03288	0.02973	0.03866	6.24E-05	3E-06	5.9E-08	4.3E-08	6.55E-05	7.65E-05	3.63E-06	5.82E-08	2.42E-08	8.02E-05	6.75E-05	2.8E-06	5.7E-08	2.5E-08	7E-05
4809	493363.09, 3861377.25	0.03334	0.03389	0.03297	0.02947	0.03886	6.27E-05	3E-06	5.8E-08	4.3E-08	6.57E-05	7.68E-05	3.64E-06	5.77E-08	2.43E-08	8.05E-05	6.77E-05	2.8E-06	5.6E-08	2.5E-08	7E-05
4810	493863.09, 3861377.25	0.03378	0.03482	0.03373	0.02962	0.03994	6.35E-05	3.1E-06	5.9E-08	4.5E-08	6.66E-05	7.78E-05	3.74E-06	5.80E-08	2.50E-08	8.16E-05	6.86E-05	2.9E-06	5.6E-08	2.6E-08	7E-05
4811	494363.09, 3861377.25	0.03431	0.03615	0.03496	0.03043	0.04156	6.45E-05	3.2E-06	6E-08	4.6E-08	6.78E-05	7.90E-05	3.89E-06	5.96E-08	2.60E-08	8.30E-05	6.97E-05	3E-06	5.8E-08	2.7E-08	7E-05
4812	494863.09, 3861377.25	0.03477	0.0371	0.03607	0.03155	0.04278	6.53E-05	3.3E-06	6.3E-08	4.8E-08	6.87E-05	8.01E-05	3.99E-06	6.18E-08	2.68E-08	8.41E-05	7.06E-05	3.1E-06	6E-08	2.8E-08	7E-05
4813	495363.09, 3861377.25	0.03485	0.03725	0.03651	0.03219	0.04296	6.55E-05	3.3E-06	6.4E-08	4.8E-08	6.89E-05	8.03E-05	4.00E-06	6.31E-08	2.69E-08	8.43E-05	7.08E-05	3.1E-06	6.1E-08	2.8E-08	7E-05
4814	495863.09, 3861377.25	0.03443	0.03676	0.03619	0.03201	0.04223	6.47E-05	3.2E-06	6.4E-08	4.7E-08	6.80E-05	7.93E-05	3.95E-06	6.27E-08	2.64E-08	8.33E-05	6.99E-05	3E-06	6.1E-08	2.7E-08	7E-05
4815	496363.09, 3861377.25	0.03435	0.0368	0.0362	0.03192	0.04162	6.46E-05	3.2E-06	6.3E-08	4.7E-08	6.79E-05	7.91E-05	3.96E-06	6.25E-08	2.60E-08	8.31E-05	6.97E-05	3E-06	6.1E-08	2.7E-08	7E-05
4816	496863.09, 3861377.25	0.03436	0.0371	0.03642	0.03191	0.04083	6.46E-05	3.3E-06	6.3E-08	4.6E-08	6.79E-05	7.91E-05	3.99E-06	6.25E-08	2.55E-08	8.32E-05	6.98E-05	3.1E-06	6.1E-08	2.6E-08	7E-05
4817	497363.09, 3861377.25	0.03359	0.03644	0.03573	0.0312	0.03964	6.31E-05	3.2E-06	6.2E-08	4.4E-08	6.64E-05	7.74E-05	3.92E-06	6.11E-08	2.48E-08	8.14E-05	6.82E-05	3E-06	5.9E-08	2.6E-08	7E-05
4818	497863.09, 3861377.25	0.03277	0.03563	0.03496	0.03046	0.03855	6.16E-05	3.1E-06	6E-08	4.3E-08	6.48E-05	7.55E-05	3.83E-06	5.97E-08	2.41E-08	7.94E-05	6.65E-05	2.9E-06	5.8E-08	2.5E-08	7E-05
4819	498363.09, 3861377.25	0.03202	0.0349	0.0343	0.02982	0.03735	6.02E-05	3.1E-06	5.9E-08	4.2E-08	6.33E-05	7.37E-05	3.75E-06	5.84E-08	2.34E-08	7.76E-05	6.50E-05	2.9E-06	5.7E-08	2.4E-08	7E-05
4820	471363.09, 3861877.25	0.00995	0.0102	0.01015	0.01017	0.009	1.87E-05	8.9E-07	2E-08	1E-08	1.96E-05	2.29E-05	1.10E-06	1.99E-08	5.63E-09	2.40E-05	2.02E-05	8.4E-07	1.9E-08	5.8E-09	2E-05
4821	471863.09, 3861877.25	0.01038	0.01035	0.01063	0.0107	0.00964	1.95E-05	9.1E-07	2.1E-08	1.1E-08	2.04E-05	2.39E-05	1.11E-06	2.10E-08	6.03E-09	2.50E-05	2.11E-05	8.6E-07	2E-08	6.2E-09	2E-05
4822	472363.09, 3861877.25	0.01081	0.01041	0.01108	0.01119	0.0103	2.03E-05	9.1E-07	2.2E-08	1.2E-08	2.13E-05	2.49E-05	1.12E-06	2.19E-08	6.44E-09	2.60E-05	2.19E-05	8.6E-07	2.1E-08	6.7E-09	2E-05
4823	472863.09, 3861877.25	0.01126	0.01052	0.01149	0.01164	0.01093	2.12E-05	9.2E-07	2.3E-08	1.2E-08	2.21E-05	2.59E-05	1.13E-06	2.28E-08	6.84E-09	2.71E-05	2.29E-05	8.7E-07	2.2E-08	7.1E-09	2E-05
4824	473363.09, 3861877.25	0.01172	0.01082	0.01191	0.01205	0.01147	2.20E-05	9.5E-07	2.4E-08	1.3E-08	2.30E-05	2.70E-05	1.16E-06	2.36E-08	7.17E-09	2.82E-05	2.38E-05	8.9E-07	2.3E-08	7.4E-09	2E-05
4825	473863.09, 3861877.25	0.01221	0.01135	0.01236	0.01248	0.01187	2.29E-05	1E-06	2.5E-08	1.3E-08	2.40E-05	2.81E-05	1.22E-06	2.44E-08	7.42E-09	2.94E-05	2.48E-05	9.4E-07	2.4E-08	7.7E-09	3E-05
4826	474363.09, 3861877.25	0.01274	0.01203	0.01285	0.01295	0.01231	2.39E-05	1.1E-06	2.6E-08	1.4E-08	2.50E-05	2.93E-05	1.29E-06	2.54E-08	7.70E-09	3.07E-05	2.59E-05	9.9E-07	2.5E-08	8E-09	3E-05
4827	474863.09, 3861877.25	0.01331	0.01272	0.01338	0.01348	0.0127	2.50E-05	1.1E-06	2.7E-08	1.4E-08	2.62E-05	3.07E-05	1.37E-06	2.64E-08	7.94E-09	3.21E-05	2.70E-05	1.1E-06	2.6E-08	8.2E-09	3E-05
4828	475363.09, 3861877.25	0.0139	0.01337	0.01393	0.01404	0.01323	2.61E-05	1.2E-06	2.8E-08	1.5E-08	2.73E-05	3.20E-05	1.44E-06	2.75E-08	8.27E-09	3.35E-05	2.82E-05	1.1E-06	2.7E-08	8.5E-09	3E-05
4829	475863.09, 3861877.25	0.01453	0.014	0.01449	0.01465	0.01392	2.73E-05	1.2E-06	2.9E-08	1.6E-08	2.86E-05	3.35E-05	1.51E-06	2.87E-08	8.71E-09	3.50E-05	2.95E-05	1.2E-06	2.8E-08	9E-09	3E-05
4830	476363.09, 3861877.25	0.01515	0.01467	0.01509	0.01526	0.01439	2.85E-05	1.3E-06	3E-08	1.6E-08	2.98E-05	3.49E-05	1.58E-06	2.99E-08	9.00E-09	3.65E-05	3.08E-05	1.2E-06	2.9E-08	9.3E-09	3E-05
4831	476863.09, 3861877.25	0.01565	0.01518	0.01558	0.01579	0.01437	2.94E-05	1.3E-06	3.1E-08	1.6E-08	3.08E-05	3.60E-05	1.63E-06	3.09E-08	8.99E-09	3.77E-05	3.18E-05	1.3E-06	3E-08	9.3E-09	3E-05
4832	477363.09, 3861877.25	0.01607	0.01623	0.01604	0.01622	0.01403	3.02E-05	1.4E-06	3.2E-08	1.6E-08	3.17E-05	3.70E-05	1.74E-06	3.18E-08	8.77E-09	3.88E-05	3.26E-05	1.3E-06	3.1E-08	9.1E-09	3E-05
4833	477863.09, 3861877.25	0.01455	0.01612	0.01503	0.01492	0.01013	2.73E-05	1.4E-06	3E-08	1.1E-08	2.88E-05	3.35E-05	1.73E-06	2.92E-08	6.34E-09	3.53E-05	2.95E-05	1.3E-06	2.8E-08	6.5E-09	3E-05
4834	478363.09, 3861877.25	0.00805	0.0085	0.00823	0.00851	0.00457	1.51E-05	7.5E-07	1.7E-08	5.1E-09	1.59E-05	1.85E-05	9.14E-07	1.67E-08	2.86E-09	1.95E-05	1.63E-05	7E-07	1.6E-08	3E-09	2E-05
4835	478863.09, 3861877.25	0.01335	0.01477	0.014	0.01382	0.0079	2.51E-05	1.3E-06	2.7E-08	8.8E-09	2.64E-05	3.07E-05	1.59E-06	2.71E-08	4.94E-09	3.24E-05	2.71E-05	1.2E-06	2.6E-08	5.1E-09	3E-05
4836	479363.09, 3861877.25	0.01257	0.01258	0.01315	0.0133	0.00708	2.36E-05	1.1E-06	2.6E-08	7.9E-09	2.48E-05	2.89E-05	1.35E-06	2.61E-08	4.43E-09	3.03E-05	2.55E-05	1E-06	2.5E-08	4.6E-09	3E-05
4837	479863.09, 3861877.25	0.02091	0.0197	0.02045	0.02061	0.01846	3.93E-05	1.7E-06	4.1E-08	2.1E-08	4.11E-05	4.82E-05	2.12E-06	4.04E-08	1.15E-08	5.03E-05	4.25E-05	1.6E-06	3.9E-08	1.2E-08	4E-05
4838	480363.09, 3861877.25	0.02248	0.02136	0.02155	0.02202	0.02136	4.22E-05	1.9E-06	4.4E-08	2.4E-08	4.42E-05	5.18E-05	2.30E-06	4.31E-08	1.34E-08	5.41E-05	4.56E-05	1.8E-06	4.2E-08	1.4E-08	5E-05
4839	480863.09, 3861877.25	0.02364	0.02251	0.02264	0.02333	0.02262	4.44E-05	2E-06	4.6E-08	2.5E-08	4.65E-05	5.44E-05	2.42E-06	4.57E-08	1.41E-08	5.69E-05	4.80E-05	1.9E-06	4.4E-08	1.5E-08	5E-05
4840	481363.09, 3861877.25	0.02478	0.02285	0.02379	0.02465	0.02412	4.66E-05	2E-06	4.9E-08	2.7E-08	4.86E-05	5.71E-05	2.46E-06	4.83E-08	1.51E-08	5.96E-05	5.03E-05	1.9E-06	4.7E-08	1.6E-08	5E-05
4841	481863.09, 3861877.25	0.02598	0.02304	0.02495	0.02585	0.02585	4.88E-05	2E-06	5.1E-08	2.9E-08	5.09E-05	5.98E-05	2.48E-06	5.06E-08	1.62E-08	6.24E-05	5.27E-05	1.9E-06	4.9E-08	1.7E-08	5E-05
4842	482363.09, 3861877.25	0.02726	0.02453	0.02619	0.0271	0.0273	5.12E-05	2.2E-06	5.4E-08	3.1E-08	5.35E-05	6.28E-05	2.64E-06	5.31E-08	1.71E-08	6.55E-05	5.53E-05	2E-06	5.2E-08	1.8E-08	6E-05
4843	482863.09, 3861877.25	0.02848	0.02641	0.0275	0.02852	0.02869	5.35E-05	2.3E-06	5.7E-08	3.2E-08	5.59E-05	6.56E-05	2.84E-06	5.59E-08	1.79E-08	6.85E-05	5.78E-05	2.2E-06	5.4E-08	1.9E-08	6E-05
4844	483363.09, 3861877.25	0.02942	0.02782	0.02855	0.0294	0.03049	5.53E-05	2.4E-06	5.8E-08	3.4E-08	5.78E-05	6.77E-05	2.99E-06	5.76E-08	1.91E-08	7.08E-05	5.97E-05	2.3E-06	5.6E-08	2E-08	6E-05
4845	483863.09, 3861877.25	0.03032	0.02888	0.02944	0.0301	0.03201	5.70E-05	2.5E-06	6E-08	3.6E-08	5.96E-05	6.98E-05	3.10E-06	5.90E-08	2.00E-08	7.30E-05	6.16E-05	2.4E-06	5.7E-08	2.1E-08	6E-05
4846	484363.09, 3861877.25	0.0308	0.02995	0.02966	0.0302	0.03342	5.79E-05	2.6E-06	6E-08	3.7E-08	6.06E-05	7.09E-05	3.22E-06	5.92E-08	2.09E-08	7.42E-05	6.25E-05	2.5E-06	5.7E-08	2.2E-08	7E-05
4847	484863.09, 3861877.25	0.03131	0.03022	0.02973	0.0301	0.03434	5.88E-05	2.7E-06	6E-08	3.8E-08	6.16E-05	7.21E-05	3.25E-06	5.90E-08	2.15E-08	7.54E-05	6.36E-05	2.5E-06	5.7E-08	2.2E-08	7E-05
4848	485363.09, 3861877.25	0.03116	0.02851	0.02886	0.02938	0.0343	5.86E-05	2.5E-06	5.8E-08	3.8E-08	6.12E-05	7.18E-05	3.06E-06	5.76E-08	2.15E-08	7.49E-05	6.33E-05	2.4E-06	5.6E-08	2.2E-08	7E-05
4849	485863.09, 3861877.25	0.03077	0.02988	0.02787	0.02832	0.03359	5.78E-05	2.6E-06	5.6E-08	3.8E-08	6.05E-05	7.09E-05	3.21E-06	5.55E-08	2.10E-08	7.41E-05	6.25E-05	2.5E-06	5.4E-08	2.2E-08	7E-05
4850	486363.09, 3861877.25	0.03095	0.03027	0.0279	0.02812	0.03304	5.82E-05	2.7E-06	5.6E-08	3.7E-08	6.09E-05	7.13E-05	3.25E-06	5.51E-08	2.07E-08	7.46E-05	6.28E-05	2.5E-06	5.3E-08	2.1E-08	7E-05
4851	486863.09, 3861877.25	0.0308	0.02898	0.02758	0.02783	0.03325	5.79E-05	2.5E-06	5.5E-08	3.7E-08	6.05E-05	7.09E-05	3.12E-06	5.45E-08	2.08E-08	7.41E-05	6.25E-05	2.4E-06	5.3E-08	2.1E-08	7E-05
4852	487363.09, 3861877.25	0.0305	0.02676	0.02715	0.02767	0.03269	5.73E-05	2.3E-06	5.5E-08	3.7E-08	5.98E-05	7.02E-05	2.88E-06	5.42E-08	2.04E-08	7.32E-05	6.19E-05	2.2E-06	5.3E-08	2.1E-08	6E-05
4853	487863.09, 3861877.25	0.03017	0.0264	0.02681	0.02742	0.0321	5.67E-05	2.3E-06	5.4E-08	3.6E-08	5.91E-05	6.95E-05	2.84E-06	5.37E-08	2.01E-08	7.24E-05	6.13E-05	2.2E-06	5.2E-08	2.1E-08	6E-05
4854	488363.09, 3861877.25	0.02984	0.02891	0.02725	0.02687	0.03196	5.61E-05	2.5E-06	5.3E-08	3.6E-08	5.87E-05	6.87E-05	3.11E-06	5.26E-08	2.00E-08	7.19E-05	6.06E-05	2.4E-06	5.1E-08	2.1E-08	6E-05
4855	488863.09, 3861877.25	0.0296	0.02858	0.02762	0.02674	0.03278	5.56E-05	2.5E-06	5.3E-08	3.7E-08	5.82E-05	6.82E-05	3.07E-06	5.24E-08	2.05E-08	7.13E-05	6.01E-05	2.4E-06	5.1E-08	2.1E-08	6E-05
4856	489363.09, 3861877.25	0.02953	0.02763	0.02765	0.02685	0.0327	5.55E-05	2.4E-06	5.3E-08	3.7E-08	5.80E-05	6.80E-05	2.97E-06	5.26E-08	2.05E-08	7.10E-05	6.00E-05	2.3E-06	5.1E-08	2.1E-08	6E-05
4857	489863.09, 3861877.25	0.0299	0.02911	0.02849	0.02726	0.03339	5.62E-05	2.6E-06	5.4E-08	3.7E-08	5.88E-05	6.89E-05	3.13E-06	5.34E-08	2.09E-08	7.21E-05	6.07E-05	2.4E-06	5.2E-08	2.2E-08	6E-05
4858	490363.09, 3861877.25	0.02999	0.02937	0.02883	0.02746	0.03407	5.64E-05	2.6E-06	5.5E-08	3.8E-08	5.90E-05	6.91E-05	3.16E-06	5.38E-08	2.13E-08	7.23E-05	6.09E-05	2.4E-06	5.2E-08	2.2E-08	6E-05
4859	490863.09, 3861877.25	0.03016	0.02979	0.02915	0.02739	0.03431	5.67E-05	2.6E-06	5.4E-08	3.8E-08	5.94E-05	6.95E-05	3.20E-06	5.37E-08	2.15E-08	7.27E-05	6.12E-05	2.5E-06	5.2E-08	2.2E-08	6E-05
4860	491363.09, 3861877.25	0.03052	0.03053	0.02988	0.02767	0.0347	5.74E-05	2.7E-06	5.5E-08	3.9E-08	6.01E-05	7.03E-05	3.28E-06	5.42E-08	2.17E-08	7.36E-05	6.20E-05	2.5E-06	5.3E-08	2.2E-08	6E-05

4861	491863.09, 3861877.25	0.03106	0.03153	0.03092	0.0286	0.03637	5.84E-05	2.8E-06	5.7E-08	4.1E-08	6.12E-05	7.15E-05	3.39E-06	5.60E-08	2.27E-08	7.50E-05	6.31E-05	2.6E-06	5.4E-08	2.3E-08	7E-05
4862	492363.09, 3861877.25	0.03014	0.03093	0.03027	0.02803	0.03589	5.66E-05	2.7E-06	5.6E-08	4E-08	5.94E-05	6.94E-05	3.33E-06	5.49E-08	2.24E-08	7.28E-05	6.12E-05	2.6E-06	5.3E-08	2.3E-08	6E-05
4863	492863.09, 3861877.25	0.02875	0.02943	0.02881	0.02655	0.03359	5.40E-05	2.6E-06	5.3E-08	3.8E-08	5.67E-05	6.62E-05	3.16E-06	5.20E-08	2.10E-08	6.94E-05	5.84E-05	2.4E-06	5.1E-08	2.2E-08	6E-05
4864	493363.09, 3861877.25	0.02781	0.02841	0.02783	0.02544	0.03223	5.23E-05	2.5E-06	5E-08	3.6E-08	5.48E-05	6.40E-05	3.05E-06	4.98E-08	2.02E-08	6.72E-05	5.65E-05	2.3E-06	4.8E-08	2.1E-08	6E-05
4865	493863.09, 3861877.25	0.02753	0.02816	0.02757	0.02503	0.03202	5.17E-05	2.5E-06	5E-08	3.6E-08	5.43E-05	6.34E-05	3.03E-06	4.90E-08	2.00E-08	6.65E-05	5.59E-05	2.3E-06	4.8E-08	2.1E-08	6E-05
4866	494363.09, 3861877.25	0.02773	0.0285	0.02784	0.02493	0.03239	5.21E-05	2.5E-06	4.9E-08	3.6E-08	5.47E-05	6.39E-05	3.06E-06	4.88E-08	2.03E-08	6.70E-05	5.63E-05	2.4E-06	4.7E-08	2.1E-08	6E-05
4867	494863.09, 3861877.25	0.02829	0.02951	0.02873	0.02532	0.03354	5.32E-05	2.6E-06	5E-08	3.7E-08	5.58E-05	6.51E-05	3.17E-06	4.96E-08	2.10E-08	6.84E-05	5.74E-05	2.4E-06	4.8E-08	2.2E-08	6E-05
4868	495363.09, 3861877.25	0.02872	0.0305	0.0297	0.02604	0.03481	5.40E-05	2.7E-06	5.2E-08	3.9E-08	5.67E-05	6.61E-05	3.28E-06	5.10E-08	2.18E-08	6.95E-05	5.83E-05	2.5E-06	5E-08	2.2E-08	6E-05
4869	495863.09, 3861877.25	0.02897	0.03105	0.03041	0.0268	0.0356	5.44E-05	2.7E-06	5.3E-08	4E-08	5.73E-05	6.67E-05	3.34E-06	5.25E-08	2.23E-08	7.01E-05	5.88E-05	2.6E-06	5.1E-08	2.3E-08	6E-05
4870	496363.09, 3861877.25	0.02911	0.03125	0.03081	0.02731	0.0358	5.47E-05	2.7E-06	5.4E-08	4E-08	5.75E-05	6.70E-05	3.36E-06	5.35E-08	2.24E-08	7.05E-05	5.91E-05	2.6E-06	5.2E-08	2.3E-08	6E-05
4871	496863.09, 3861877.25	0.03067	0.03316	0.03284	0.02896	0.03627	5.76E-05	2.9E-06	5.7E-08	4.1E-08	6.06E-05	7.06E-05	3.56E-06	5.67E-08	2.27E-08	7.43E-05	6.23E-05	2.7E-06	5.5E-08	2.3E-08	7E-05
4872	497363.09, 3861877.25	0.02917	0.03142	0.03104	0.02746	0.03511	5.48E-05	2.8E-06	5.5E-08	3.9E-08	5.77E-05	6.72E-05	3.38E-06	5.38E-08	2.20E-08	7.06E-05	5.92E-05	2.6E-06	5.2E-08	2.3E-08	6E-05
4873	497863.09, 3861877.25	0.02828	0.03051	0.03007	0.02653	0.03397	5.31E-05	2.7E-06	5.3E-08	3.8E-08	5.59E-05	6.51E-05	3.28E-06	5.20E-08	2.12E-08	6.85E-05	5.74E-05	2.5E-06	5E-08	2.2E-08	6E-05
4874	498363.09, 3861877.25	0.02758	0.02985	0.02936	0.02584	0.03304	5.18E-05	2.6E-06	5.1E-08	3.7E-08	5.45E-05	6.35E-05	3.21E-06	5.06E-08	2.07E-08	6.68E-05	5.60E-05	2.5E-06	4.9E-08	2.1E-08	6E-05
4875	471363.09, 3862377.25	0.00968	0.00946	0.00992	0.00997	0.00937	1.82E-05	8.3E-07	2E-08	1E-08	1.91E-05	2.23E-05	1.02E-06	1.95E-08	5.86E-09	2.33E-05	1.97E-05	7.8E-07	1.9E-08	6.1E-09	2E-05
4876	471863.09, 3862377.25	0.01004	0.0095	0.01027	0.01034	0.00985	1.89E-05	8.3E-07	2.1E-08	1.1E-08	1.97E-05	2.31E-05	1.02E-06	2.03E-08	6.16E-09	2.42E-05	2.04E-05	7.9E-07	2E-08	6.4E-09	2E-05
4877	472363.09, 3862377.25	0.01041	0.00965	0.01058	0.01067	0.01033	1.96E-05	8.5E-07	2.1E-08	1.2E-08	2.04E-05	2.40E-05	1.04E-06	2.09E-08	6.46E-09	2.50E-05	2.11E-05	8E-07	2E-08	6.7E-09	2E-05
4878	472863.09, 3862377.25	0.0108	0.00997	0.01092	0.011	0.01074	2.03E-05	8.7E-07	2.2E-08	1.2E-08	2.12E-05	2.49E-05	1.07E-06	2.15E-08	6.72E-09	2.60E-05	2.19E-05	8.2E-07	2.1E-08	6.9E-09	2E-05
4879	473363.09, 3862377.25	0.01121	0.01044	0.01128	0.01135	0.01111	2.11E-05	9.2E-07	2.3E-08	1.2E-08	2.20E-05	2.58E-05	1.12E-06	2.22E-08	6.95E-09	2.70E-05	2.28E-05	8.6E-07	2.2E-08	7.2E-09	2E-05
4880	473863.09, 3862377.25	0.01166	0.01099	0.01167	0.01175	0.01146	2.19E-05	9.6E-07	2.3E-08	1.3E-08	2.29E-05	2.69E-05	1.18E-06	2.30E-08	7.17E-09	2.81E-05	2.37E-05	9.1E-07	2.2E-08	7.4E-09	2E-05
4881	474363.09, 3862377.25	0.01214	0.01155	0.01211	0.01221	0.01179	2.28E-05	1E-06	2.4E-08	1.3E-08	2.39E-05	2.80E-05	1.24E-06	2.39E-08	7.37E-09	2.92E-05	2.46E-05	9.6E-07	2.3E-08	7.6E-09	3E-05
4882	474863.09, 3862377.25	0.01262	0.01214	0.01258	0.01271	0.01208	2.37E-05	1.1E-06	2.5E-08	1.3E-08	2.48E-05	2.91E-05	1.31E-06	2.49E-08	7.56E-09	3.04E-05	2.56E-05	1E-06	2.4E-08	7.8E-09	3E-05
4883	475363.09, 3862377.25	0.01315	0.01276	0.01302	0.01319	0.0127	2.47E-05	1.1E-06	2.6E-08	1.4E-08	2.59E-05	3.03E-05	1.37E-06	2.58E-08	7.94E-09	3.17E-05	2.67E-05	1.1E-06	2.5E-08	8.2E-09	3E-05
4884	475863.09, 3862377.25	0.01367	0.01346	0.01347	0.01366	0.01326	2.57E-05	1.2E-06	2.7E-08	1.5E-08	2.69E-05	3.15E-05	1.45E-06	2.68E-08	8.29E-09	3.30E-05	2.78E-05	1.1E-06	2.6E-08	8.6E-09	3E-05
4885	476363.09, 3862377.25	0.01419	0.01433	0.01396	0.01409	0.01371	2.67E-05	1.3E-06	2.8E-08	1.5E-08	2.80E-05	3.27E-05	1.54E-06	2.76E-08	8.57E-09	3.43E-05	2.88E-05	1.2E-06	2.7E-08	8.9E-09	3E-05
4886	476863.09, 3862377.25	0.01472	0.0154	0.01451	0.01446	0.01407	2.77E-05	1.4E-06	2.9E-08	1.6E-08	2.91E-05	3.39E-05	1.66E-06	2.83E-08	8.80E-09	3.56E-05	2.99E-05	1.3E-06	2.8E-08	9.1E-09	3E-05
4887	477363.09, 3862377.25	0.0153	0.01666	0.01511	0.01487	0.01401	2.88E-05	1.5E-06	3E-08	1.6E-08	3.03E-05	3.52E-05	1.79E-06	2.91E-08	8.76E-09	3.71E-05	3.11E-05	1.4E-06	2.8E-08	9.1E-09	3E-05
4888	477863.09, 3862377.25	0.01471	0.01642	0.015	0.01451	0.01132	2.76E-05	1.4E-06	2.9E-08	1.3E-08	2.91E-05	3.39E-05	1.77E-06	2.84E-08	7.08E-09	3.57E-05	2.99E-05	1.4E-06	2.8E-08	7.3E-09	3E-05
4889	478363.09, 3862377.25	0.01323	0.01402	0.01373	0.0135	0.00857	2.49E-05	1.2E-06	2.7E-08	9.6E-09	2.61E-05	3.05E-05	1.51E-06	2.64E-08	5.36E-09	3.20E-05	2.69E-05	1.2E-06	2.6E-08	5.5E-09	3E-05
4890	478863.09, 3862377.25	0.01403	0.01364	0.01438	0.01447	0.00919	2.64E-05	1.2E-06	2.9E-08	1E-08	2.76E-05	3.23E-05	1.47E-06	2.83E-08	5.75E-09	3.38E-05	2.85E-05	1.1E-06	2.8E-08	5.9E-09	3E-05
4891	479363.09, 3862377.25	0.01612	0.01517	0.01618	0.0165	0.0115	3.03E-05	1.3E-06	3.3E-08	1.3E-08	3.17E-05	3.71E-05	1.63E-06	3.23E-08	7.19E-09	3.88E-05	3.27E-05	1.3E-06	3.1E-08	7.4E-09	3E-05
4892	479863.09, 3862377.25	0.01938	0.01869	0.01873	0.0192	0.01723	3.64E-05	1.6E-06	3.8E-08	1.9E-08	3.81E-05	4.46E-05	2.01E-06	3.76E-08	1.08E-08	4.67E-05	3.93E-05	1.5E-06	3.7E-08	1.1E-08	4E-05
4893	480363.09, 3862377.25	0.02056	0.01986	0.01962	0.02025	0.01926	3.86E-05	1.7E-06	4E-08	2.2E-08	4.04E-05	4.73E-05	2.13E-06	3.97E-08	1.20E-08	4.95E-05	4.17E-05	1.6E-06	3.9E-08	1.2E-08	4E-05
4894	480863.09, 3862377.25	0.02152	0.02031	0.02062	0.02131	0.02065	4.04E-05	1.8E-06	4.2E-08	2.3E-08	4.23E-05	4.96E-05	2.18E-06	4.17E-08	1.29E-08	5.18E-05	4.37E-05	1.7E-06	4.1E-08	1.3E-08	5E-05
4895	481363.09, 3862377.25	0.02245	0.01999	0.02155	0.02239	0.0222	4.22E-05	1.8E-06	4.4E-08	2.5E-08	4.40E-05	5.17E-05	2.15E-06	4.39E-08	1.39E-08	5.39E-05	4.56E-05	1.7E-06	4.3E-08	1.4E-08	5E-05
4896	481863.09, 3862377.25	0.02334	0.02041	0.02236	0.02328	0.02356	4.39E-05	1.8E-06	4.6E-08	2.6E-08	4.57E-05	5.37E-05	2.19E-06	4.56E-08	1.47E-08	5.60E-05	4.74E-05	1.7E-06	4.4E-08	1.5E-08	5E-05
4897	482363.09, 3862377.25	0.02433	0.02254	0.02339	0.02429	0.02456	4.57E-05	2E-06	4.8E-08	2.7E-08	4.78E-05	5.60E-05	2.42E-06	4.76E-08	1.54E-08	5.85E-05	4.94E-05	1.9E-06	4.6E-08	1.6E-08	5E-05
4898	482863.09, 3862377.25	0.02528	0.02416	0.02446	0.02529	0.02575	4.75E-05	2.1E-06	5E-08	2.9E-08	4.97E-05	5.82E-05	2.60E-06	4.95E-08	1.61E-08	6.09E-05	5.13E-05	2E-06	4.8E-08	1.7E-08	5E-05
4899	483363.09, 3862377.25	0.02616	0.02466	0.02537	0.02603	0.02715	4.92E-05	2.2E-06	5.2E-08	3E-08	5.14E-05	6.02E-05	2.65E-06	5.10E-08	1.70E-08	6.30E-05	5.31E-05	2E-06	5E-08	1.8E-08	6E-05
4900	483863.09, 3862377.25	0.02659	0.02556	0.02566	0.0262	0.02832	5.00E-05	2.2E-06	5.2E-08	3.2E-08	5.23E-05	6.12E-05	2.75E-06	5.13E-08	1.77E-08	6.40E-05	5.40E-05	2.1E-06	5E-08	1.8E-08	6E-05
4901	484363.09, 3862377.25	0.02719	0.02675	0.02607	0.02653	0.02919	5.11E-05	2.3E-06	5.3E-08	3.3E-08	5.35E-05	6.26E-05	2.88E-06	5.20E-08	1.83E-08	6.56E-05	5.52E-05	2.2E-06	5E-08	1.9E-08	6E-05
4902	484863.09, 3862377.25	0.02708	0.02524	0.0255	0.02603	0.02958	5.09E-05	2.2E-06	5.2E-08	3.3E-08	5.32E-05	6.24E-05	2.71E-06	5.10E-08	1.85E-08	6.51E-05	5.50E-05	2.1E-06	5E-08	1.9E-08	6E-05
4903	485363.09, 3862377.25	0.0269	0.02405	0.02462	0.02544	0.02933	5.06E-05	2.1E-06	5E-08	3.3E-08	5.27E-05	6.19E-05	2.59E-06	4.98E-08	1.83E-08	6.46E-05	5.46E-05	2E-06	4.8E-08	1.9E-08	6E-05
4904	485863.09, 3862377.25	0.02689	0.02621	0.02422	0.02483	0.0286	5.05E-05	2.3E-06	4.9E-08	3.2E-08	5.29E-05	6.19E-05	2.82E-06	4.86E-08	1.79E-08	6.48E-05	5.46E-05	2.2E-06	4.7E-08	1.8E-08	6E-05
4905	486363.09, 3862377.25	0.02674	0.02583	0.02406	0.02447	0.02809	5.02E-05	2.3E-06	4.9E-08	3.1E-08	5.26E-05	6.16E-05	2.78E-06	4.79E-08	1.76E-08	6.44E-05	5.43E-05	2.1E-06	4.7E-08	1.8E-08	6E-05
4906	486863.09, 3862377.25	0.02651	0.02513	0.02374	0.02421	0.02813	4.98E-05	2.2E-06	4.8E-08	3.1E-08	5.21E-05	6.10E-05	2.70E-06	4.74E-08	1.76E-08	6.38E-05	5.38E-05	2.1E-06	4.6E-08	1.8E-08	6E-05
4907	487363.09, 3862377.25	0.02627	0.02322	0.02349	0.02416	0.02777	4.94E-05	2E-06	4.8E-08	3.1E-08	5.15E-05	6.05E-05	2.50E-06	4.73E-08	1.74E-08	6.31E-05	5.33E-05	1.9E-06	4.6E-08	1.8E-08	6E-05
4908	487863.09, 3862377.25	0.02607	0.02245	0.02325	0.02411	0.02743	4.90E-05	2E-06	4.8E-08	3.1E-08	5.10E-05	6.00E-05	2.41E-06	4.72E-08	1.72E-08	6.25E-05	5.29E-05	1.9E-06	4.6E-08	1.8E-08	5E-05
4909	488363.09, 3862377.25	0.02579	0.0244	0.02349	0.02364	0.02724	4.85E-05	2.1E-06	4.7E-08	3E-08	5.07E-05	5.94E-05	2.62E-06	4.63E-08	1.70E-08	6.21E-05	5.24E-05	2E-06	4.5E-08	1.8E-08	5E-05
4910	488863.09, 3862377.25	0.0256	0.02519	0.0239	0.02336	0.02778	4.81E-05	2.2E-06	4.6E-08	3.1E-08	5.04E-05	5.90E-05	2.71E-06	4.58E-08	1.74E-08	6.17E-05	5.20E-05	2.1E-06	4.4E-08	1.8E-08	5E-05
4911	489363.09, 3862377.25	0.02556	0.0241	0.02397	0.02346	0.02795	4.80E-05	2.1E-06	4.7E-08	3.1E-08	5.02E-05	5.89E-05	2.59E-06	4.60E-08	1.75E-08	6.15E-05	5.19E-05	2E-06	4.5E-08	1.8E-08	5E-05
4912	489863.09, 3862377.25	0.02573	0.02448	0.02441	0.02374	0.02816	4.84E-05	2.1E-06	4.7E-08	3.1E-08	5.06E-05	5.93E-05	2.63E-06	4.65E-08	1.76E-08	6.19E-05	5.22E-05	2E-06	4.5E-08	1.8E-08	5E-05
4913	490363.09, 3862377.25	0.026	0.02561	0.02505	0.02403	0.02897	4.89E-05	2.2E-06	4.8E-08	3.2E-08	5.12E-05	5.99E-05	2.75E-06	4.71E-08	1.81E-08	6.27E-05	5.28E-05	2.1E-06	4.6E-08	1.9E-08	5E-05
4914	490863.09, 3862377.25	0.02617	0.02565	0.0253	0.02424	0.02935	4.92E-05	2.3E-06	4.8E-08	3.3E-08	5.15E-05	6.03E-05	2.76E-06	4.75E-08	1.84E-08	6.31E-05	5.31E-05	2.1E-06	4.6E-08	1.9E-08	6E-05
4915	491363.09, 3862377.25	0.02618	0.02598	0.02549	0.02405	0.02949	4.92E-05	2.3E-06	4.8E-08	3.3E-08	5.16E-05	6.03E-05	2.79E-06	4.71E-08	1.84E-08	6.31E-05	5.32E-05	2.1E-06	4.6E-08	1.9E-08	6E-05
4916	491863.09, 3862377.25	0.0262	0.02629	0.02583	0.02406	0.02953	4.92E-05	2.3E-06	4.8E-08	3.3E-08	5.16E-05	6.03E-05	2.83E-06	4.71E-08	1.85E-08	6.32E-05	5.32E-05	2.2E-06	4.6E-08	1.9E-08	6E-05
4917	492363.09, 3862377.25	0.02665	0.02712	0.0267	0.02483	0.03095	5.01E-05	2.4E-06	4.9E-08	3.5E-08	5.25E-05	6.14E-05	2.92E-06	4.86E-08	1.94E-08	6.44E-05	5.41E-05	2.2E-06	4.7E-08	2E-08	6E-05
4918	492863.09, 3862377.25	0.02626	0.02701	0.02654	0.02471	0.03102	4.93E-05	2.4E-06	4.9E-08	3.5E-08	5.18E-05	6.05E-05	2.90E-06	4.84E-08	1.94E-08	6.34E-05	5.33E-05	2.2E-06	4.7E-08	2E-08	6E-05
4919	493363.09, 3862377.25	0.02511	0.02578	0.02534	0.02351	0.02918	4.72E-05	2.3E-06	4.7E-08	3.3E-08	4.95E-05	5.78E-05	2.77E-06	4.61E-08	1.83E-08	6.07E-05	5.10E-05	2.1E-06	4.5E-08	1.9E-08	5E-05
4920	493863.09, 3862377.25	0.02412	0.0247	0.02429	0.02238	0.02771	4.53E-05	2.2E-06	4.4E-08	3.1E-08	4.76E-05	5.55E-05	2.66E-06	4.38E-08	1.73E-08	5.83E-05	4.90E-05	2E-06	4.3E-08	1.8E-08	5E-05
4921	494363.09, 3862377.25	0.02365	0.02428	0.02387	0.02187	0.02731	4.44E-05	2.1E-06	4.3E-08	3.1E-08	4.66E-05	5.45E-05	2.61E-06	4.28E-08	1.71E-08	5.71E-05	4.80E-05	2E-06	4.2E-08	1.8E-08	5E-05
4922	494863.09, 3862377.25	0.02367	0.02437	0.02394	0.02175	0.02743	4.45E-05	2.1E-06	4.3E-08	3.1E-08	4.67E-05	5.45E-05	2.62E-06	4.26E-08	1.72E-08	5.72E-05	4.81E-05	2E-06	4.1E-08	1.8E-08	5E-05
4923	495363.09, 3862377.25	0.02377	0.02466	0.02416	0.02163	0.02775	4.47E-05	2.2E-06	4.3E-08	3.1E-08	4.69E-05	5.47E-05	2.65E-06	4.24E-08	1.74E-08	5.74E-05	4.83E-05	2E-06	4.1E-08	1.8E-08	5E-05
4924	495863.09, 3862377.25	0.02412	0.02539	0.02482	0.02193	0.02864	4.53E-05	2.2E-06	4.4E-08	3.2E-08	4.76E-05	5.55E-05	2.73E-06	4.30E-08	1.79E-08	5.83E-05	4.90E-05	2.1E-06	4.2E-08	1.9E-08	5E-05

4925	496363.09, 3862377.25	0.02442	0.02607	0.02554	0.02251	0.02959	4.59E-05	2.3E-06	4.5E-08	3.3E-08	4.83E-05	5.62E-05	2.80E-06	4.41E-08	1.85E-08	5.91E-05	4.96E-05	2.2E-06	4.3E-08	1.9E-08	5E-05
4926	496863.09, 3862377.25	0.0249	0.02679	0.02638	0.02335	0.03048	4.68E-05	2.4E-06	4.6E-08	3.4E-08	4.92E-05	5.73E-05	2.88E-06	4.57E-08	1.91E-08	6.03E-05	5.06E-05	2.2E-06	4.4E-08	2E-08	5E-05
4927	497363.09, 3862377.25	0.02475	0.02666	0.02639	0.02348	0.03034	4.65E-05	2.3E-06	4.7E-08	3.4E-08	4.89E-05	5.70E-05	2.87E-06	4.60E-08	1.90E-08	5.99E-05	5.03E-05	2.2E-06	4.5E-08	2E-08	5E-05
4928	497863.09, 3862377.25	0.02451	0.02638	0.02618	0.02332	0.02988	4.61E-05	2.3E-06	4.6E-08	3.3E-08	4.85E-05	5.64E-05	2.84E-06	4.57E-08	1.87E-08	5.93E-05	4.98E-05	2.2E-06	4.4E-08	1.9E-08	5E-05
4929	498363.09, 3862377.25	0.02401	0.02586	0.02563	0.0228	0.02908	4.51E-05	2.3E-06	4.5E-08	3.2E-08	4.75E-05	5.53E-05	2.78E-06	4.47E-08	1.82E-08	5.81E-05	4.87E-05	2.1E-06	4.3E-08	1.9E-08	5E-05
4930	471363.09, 3862877.25	0.00932	0.00867	0.00949	0.00954	0.00934	1.75E-05	7.6E-07	1.9E-08	1E-08	1.83E-05	2.15E-05	9.32E-07	1.87E-08	5.84E-09	2.24E-05	1.89E-05	7.2E-07	1.8E-08	6E-09	2E-05
4931	471863.09, 3862877.25	0.00964	0.00884	0.00974	0.0098	0.00968	1.81E-05	7.8E-07	1.9E-08	1.1E-08	1.89E-05	2.22E-05	9.50E-07	1.92E-08	6.05E-09	2.32E-05	1.96E-05	7.3E-07	1.9E-08	6.3E-09	2E-05
4932	472363.09, 3862877.25	0.00997	0.00916	0.01001	0.01008	0.01	1.87E-05	8E-07	2E-08	1.1E-08	1.96E-05	2.30E-05	9.85E-07	1.97E-08	6.25E-09	2.40E-05	2.02E-05	7.6E-07	1.9E-08	6.5E-09	2E-05
4933	472863.09, 3862877.25	0.01033	0.00959	0.01031	0.01039	0.01026	1.94E-05	8.4E-07	2.1E-08	1.1E-08	2.03E-05	2.38E-05	1.03E-06	2.04E-08	6.42E-09	2.48E-05	2.10E-05	7.9E-07	2E-08	6.6E-09	2E-05
4934	473363.09, 3862877.25	0.0107	0.01006	0.01063	0.01074	0.01055	2.01E-05	8.8E-07	2.1E-08	1.2E-08	2.10E-05	2.46E-05	1.08E-06	2.10E-08	6.60E-09	2.57E-05	2.17E-05	8.3E-07	2E-08	6.8E-09	2E-05
4935	473863.09, 3862877.25	0.0111	0.01057	0.01098	0.01112	0.01085	2.09E-05	9.3E-07	2.2E-08	1.2E-08	2.18E-05	2.56E-05	1.14E-06	2.18E-08	6.79E-09	2.67E-05	2.25E-05	8.7E-07	2.1E-08	7E-09	2E-05
4936	474363.09, 3862877.25	0.01151	0.01118	0.01137	0.01153	0.01118	2.16E-05	9.8E-07	2.3E-08	1.2E-08	2.26E-05	2.65E-05	1.20E-06	2.26E-08	6.99E-09	2.77E-05	2.34E-05	9.2E-07	2.2E-08	7.2E-09	2E-05
4937	474863.09, 3862877.25	0.01194	0.01187	0.01177	0.01192	0.01157	2.24E-05	1E-06	2.4E-08	1.3E-08	2.35E-05	2.75E-05	1.28E-06	2.34E-08	7.24E-09	2.88E-05	2.42E-05	9.8E-07	2.3E-08	7.5E-09	3E-05
4938	475363.09, 3862877.25	0.01234	0.01256	0.01213	0.01225	0.01205	2.32E-05	1.1E-06	2.4E-08	1.3E-08	2.43E-05	2.84E-05	1.35E-06	2.40E-08	7.54E-09	2.98E-05	2.51E-05	1E-06	2.3E-08	7.8E-09	3E-05
4939	475863.09, 3862877.25	0.01277	0.01324	0.01251	0.01253	0.0125	2.40E-05	1.2E-06	2.5E-08	1.4E-08	2.52E-05	2.94E-05	1.42E-06	2.45E-08	7.82E-09	3.09E-05	2.59E-05	1.1E-06	2.4E-08	8.1E-09	3E-05
4940	476363.09, 3862877.25	0.01323	0.01386	0.01292	0.01282	0.01292	2.49E-05	1.2E-06	2.5E-08	1.4E-08	2.61E-05	3.05E-05	1.49E-06	2.51E-08	8.08E-09	3.20E-05	2.69E-05	1.1E-06	2.4E-08	8.3E-09	3E-05
4941	476863.09, 3862877.25	0.01378	0.01437	0.01339	0.0132	0.01325	2.59E-05	1.3E-06	2.6E-08	1.5E-08	2.72E-05	3.17E-05	1.54E-06	2.59E-08	8.29E-09	3.33E-05	2.80E-05	1.2E-06	2.5E-08	8.6E-09	3E-05
4942	477363.09, 3862877.25	0.01441	0.01466	0.01392	0.01375	0.01351	2.71E-05	1.3E-06	2.7E-08	1.5E-08	2.84E-05	3.32E-05	1.58E-06	2.69E-08	8.45E-09	3.48E-05	2.93E-05	1.2E-06	2.6E-08	8.7E-09	3E-05
4943	477863.09, 3862877.25	0.01466	0.01443	0.0143	0.01422	0.01288	2.75E-05	1.3E-06	2.8E-08	1.4E-08	2.89E-05	3.38E-05	1.55E-06	2.79E-08	8.06E-09	3.53E-05	2.98E-05	1.2E-06	2.7E-08	8.3E-09	3E-05
4944	478363.09, 3862877.25	0.01394	0.01329	0.01387	0.01413	0.01032	2.62E-05	1.2E-06	2.8E-08	1.2E-08	2.74E-05	3.21E-05	1.43E-06	2.77E-08	6.45E-09	3.36E-05	2.83E-05	1.1E-06	2.7E-08	6.7E-09	3E-05
4945	478863.09, 3862877.25	0.01466	0.0137	0.01447	0.01493	0.0108	2.75E-05	1.2E-06	3E-08	1.2E-08	2.88E-05	3.38E-05	1.47E-06	2.92E-08	6.75E-09	3.53E-05	2.98E-05	1.1E-06	2.8E-08	7E-09	3E-05
4946	479363.09, 3862877.25	0.01562	0.01562	0.01542	0.01584	0.01163	2.94E-05	1.4E-06	3.1E-08	1.3E-08	3.08E-05	3.60E-05	1.68E-06	3.10E-08	7.27E-09	3.77E-05	3.17E-05	1.3E-06	3E-08	7.5E-09	3E-05
4947	479863.09, 3862877.25	0.01813	0.01761	0.01726	0.01782	0.0166	3.41E-05	1.5E-06	3.5E-08	1.9E-08	3.57E-05	4.18E-05	1.89E-06	3.49E-08	1.04E-08	4.37E-05	3.68E-05	1.5E-06	3.4E-08	1.1E-08	4E-05
4948	480363.09, 3862877.25	0.01887	0.01808	0.01805	0.01863	0.01796	3.55E-05	1.6E-06	3.7E-08	2E-08	3.71E-05	4.35E-05	1.94E-06	3.65E-08	1.12E-08	4.54E-05	3.83E-05	1.5E-06	3.5E-08	1.2E-08	4E-05
4949	480863.09, 3862877.25	0.01967	0.01789	0.01889	0.01962	0.01923	3.70E-05	1.6E-06	3.9E-08	2.1E-08	3.86E-05	4.53E-05	1.92E-06	3.84E-08	1.20E-08	4.73E-05	3.99E-05	1.5E-06	3.7E-08	1.2E-08	4E-05
4950	481363.09, 3862877.25	0.02029	0.01757	0.01944	0.02036	0.02045	3.81E-05	1.5E-06	4E-08	2.3E-08	3.97E-05	4.67E-05	1.89E-06	3.99E-08	1.28E-08	4.87E-05	4.12E-05	1.5E-06	3.9E-08	1.3E-08	4E-05
4951	481863.09, 3862877.25	0.02126	0.0192	0.02043	0.0213	0.02129	4.00E-05	1.7E-06	4.2E-08	2.4E-08	4.17E-05	4.90E-05	2.06E-06	4.17E-08	1.33E-08	5.11E-05	4.32E-05	1.6E-06	4.1E-08	1.4E-08	4E-05
4952	482363.09, 3862877.25	0.02185	0.02102	0.02103	0.02177	0.02212	4.11E-05	1.8E-06	4.3E-08	2.5E-08	4.30E-05	5.03E-05	2.26E-06	4.26E-08	1.38E-08	5.26E-05	4.44E-05	1.7E-06	4.1E-08	1.4E-08	5E-05
4953	482863.09, 3862877.25	0.02269	0.02155	0.02192	0.02259	0.02322	4.26E-05	1.9E-06	4.5E-08	2.6E-08	4.46E-05	5.23E-05	2.32E-06	4.43E-08	1.45E-08	5.46E-05	4.61E-05	1.8E-06	4.3E-08	1.5E-08	5E-05
4954	483363.09, 3862877.25	0.02329	0.02192	0.02247	0.02303	0.02438	4.38E-05	1.9E-06	4.6E-08	2.7E-08	4.58E-05	5.36E-05	2.36E-06	4.51E-08	1.52E-08	5.60E-05	4.73E-05	1.8E-06	4.4E-08	1.6E-08	5E-05
4955	483863.09, 3862877.25	0.02364	0.02318	0.0227	0.02317	0.02509	4.44E-05	2E-06	4.6E-08	2.8E-08	4.65E-05	5.44E-05	2.49E-06	4.54E-08	1.57E-08	5.70E-05	4.80E-05	1.9E-06	4.4E-08	1.6E-08	5E-05
4956	484363.09, 3862877.25	0.02397	0.02336	0.02286	0.0233	0.02557	4.50E-05	2E-06	4.6E-08	2.9E-08	4.72E-05	5.52E-05	2.51E-06	4.56E-08	1.60E-08	5.78E-05	4.87E-05	1.9E-06	4.4E-08	1.7E-08	5E-05
4957	484863.09, 3862877.25	0.02378	0.02126	0.02217	0.02291	0.02578	4.47E-05	1.9E-06	4.5E-08	2.9E-08	4.66E-05	5.48E-05	2.29E-06	4.49E-08	1.61E-08	5.71E-05	4.83E-05	1.8E-06	4.4E-08	1.7E-08	5E-05
4958	485363.09, 3862877.25	0.0237	0.02124	0.02152	0.02248	0.02538	4.45E-05	1.9E-06	4.5E-08	2.8E-08	4.65E-05	5.46E-05	2.28E-06	4.40E-08	1.59E-08	5.69E-05	4.81E-05	1.8E-06	4.3E-08	1.6E-08	5E-05
4959	485863.09, 3862877.25	0.02351	0.02277	0.02113	0.02181	0.02459	4.42E-05	2E-06	4.3E-08	2.7E-08	4.62E-05	5.41E-05	2.45E-06	4.27E-08	1.54E-08	5.66E-05	4.77E-05	1.9E-06	4.1E-08	1.6E-08	5E-05
4960	486363.09, 3862877.25	0.02354	0.02249	0.02111	0.02169	0.02441	4.42E-05	2E-06	4.3E-08	2.7E-08	4.63E-05	5.42E-05	2.42E-06	4.25E-08	1.53E-08	5.67E-05	4.78E-05	1.9E-06	4.1E-08	1.6E-08	5E-05
4961	486863.09, 3862877.25	0.02314	0.02207	0.0207	0.02131	0.02411	4.35E-05	1.9E-06	4.2E-08	2.7E-08	4.55E-05	5.33E-05	2.37E-06	4.17E-08	1.51E-08	5.57E-05	4.70E-05	1.8E-06	4.1E-08	1.6E-08	5E-05
4962	487363.09, 3862877.25	0.02299	0.02047	0.02058	0.02133	0.02394	4.32E-05	1.8E-06	4.2E-08	2.7E-08	4.51E-05	5.29E-05	2.20E-06	4.18E-08	1.50E-08	5.52E-05	4.67E-05	1.7E-06	4.1E-08	1.5E-08	5E-05
4963	487863.09, 3862877.25	0.02283	0.01951	0.02041	0.02138	0.02374	4.29E-05	1.7E-06	4.2E-08	2.7E-08	4.47E-05	5.26E-05	2.10E-06	4.19E-08	1.48E-08	5.47E-05	4.64E-05	1.6E-06	4.1E-08	1.5E-08	5E-05
4964	488363.09, 3862877.25	0.02267	0.02083	0.0206	0.02112	0.02365	4.26E-05	1.8E-06	4.2E-08	2.6E-08	4.45E-05	5.22E-05	2.24E-06	4.14E-08	1.48E-08	5.45E-05	4.60E-05	1.7E-06	4E-08	1.5E-08	5E-05
4965	488863.09, 3862877.25	0.02244	0.0221	0.02088	0.02068	0.02394	4.22E-05	1.9E-06	4.1E-08	2.7E-08	4.42E-05	5.17E-05	2.38E-06	4.05E-08	1.50E-08	5.41E-05	4.56E-05	1.8E-06	3.9E-08	1.5E-08	5E-05
4966	489363.09, 3862877.25	0.0223	0.02145	0.02092	0.02059	0.02407	4.19E-05	1.9E-06	4.1E-08	2.7E-08	4.39E-05	5.14E-05	2.31E-06	4.03E-08	1.51E-08	5.37E-05	4.53E-05	1.8E-06	3.9E-08	1.6E-08	5E-05
4967	489863.09, 3862877.25	0.02238	0.02096	0.02114	0.02082	0.02417	4.21E-05	1.8E-06	4.1E-08	2.7E-08	4.40E-05	5.15E-05	2.25E-06	4.08E-08	1.51E-08	5.38E-05	4.54E-05	1.7E-06	4E-08	1.6E-08	5E-05
4968	490363.09, 3862877.25	0.02253	0.02189	0.02163	0.021	0.02465	4.23E-05	1.9E-06	4.2E-08	2.8E-08	4.43E-05	5.19E-05	2.35E-06	4.11E-08	1.54E-08	5.43E-05	4.57E-05	1.8E-06	4E-08	1.6E-08	5E-05
4969	490863.09, 3862877.25	0.02274	0.0224	0.02201	0.02122	0.02519	4.27E-05	2E-06	4.2E-08	2.8E-08	4.48E-05	5.24E-05	2.41E-06	4.16E-08	1.58E-08	5.48E-05	4.62E-05	1.9E-06	4E-08	1.6E-08	5E-05
4970	491363.09, 3862877.25	0.0231	0.02269	0.02245	0.02161	0.02562	4.34E-05	2E-06	4.3E-08	2.9E-08	4.55E-05	5.32E-05	2.44E-06	4.23E-08	1.60E-08	5.57E-05	4.69E-05	1.9E-06	4.1E-08	1.7E-08	5E-05
4971	491863.09, 3862877.25	0.0228	0.02268	0.0223	0.02113	0.02548	4.28E-05	2E-06	4.2E-08	2.8E-08	4.49E-05	5.25E-05	2.44E-06	4.14E-08	1.59E-08	5.50E-05	4.63E-05	1.9E-06	4E-08	1.6E-08	5E-05
4972	492363.09, 3862877.25	0.02295	0.02308	0.02274	0.02127	0.02562	4.31E-05	2E-06	4.2E-08	2.9E-08	4.52E-05	5.28E-05	2.48E-06	4.17E-08	1.60E-08	5.54E-05	4.66E-05	1.9E-06	4E-08	1.7E-08	5E-05
4973	492863.09, 3862877.25	0.02329	0.02374	0.02345	0.0219	0.02682	4.38E-05	2.1E-06	4.3E-08	3E-08	4.59E-05	5.36E-05	2.55E-06	4.29E-08	1.68E-08	5.62E-05	4.73E-05	2E-06	4.2E-08	1.7E-08	5E-05
4974	493363.09, 3862877.25	0.02313	0.02382	0.02349	0.02195	0.0271	4.35E-05	2.1E-06	4.4E-08	3E-08	4.56E-05	5.33E-05	2.56E-06	4.30E-08	1.69E-08	5.59E-05	4.70E-05	2E-06	4.2E-08	1.8E-08	5E-05
4975	493863.09, 3862877.25	0.02231	0.02297	0.02264	0.02112	0.02578	4.19E-05	2E-06	4.2E-08	2.9E-08	4.40E-05	5.14E-05	2.47E-06	4.14E-08	1.61E-08	5.39E-05	4.53E-05	1.9E-06	4E-08	1.7E-08	5E-05
4976	494363.09, 3862877.25	0.02138	0.02192	0.02162	0.02005	0.02433	4.02E-05	1.9E-06	4E-08	2.7E-08	4.22E-05	4.92E-05	2.36E-06	3.93E-08	1.52E-08	5.16E-05	4.34E-05	1.8E-06	3.8E-08	1.6E-08	5E-05
4977	494863.09, 3862877.25	0.02069	0.02125	0.02096	0.01933	0.02367	3.89E-05	1.9E-06	3.8E-08	2.6E-08	4.08E-05	4.76E-05	2.28E-06	3.79E-08	1.48E-08	5.00E-05	4.20E-05	1.8E-06	3.7E-08	1.5E-08	4E-05
4978	495363.09, 3862877.25	0.02047	0.02111	0.02082	0.0191	0.0236	3.85E-05	1.9E-06	3.8E-08	2.6E-08	4.04E-05	4.71E-05	2.27E-06	3.74E-08	1.48E-08	4.95E-05	4.16E-05	1.7E-06	3.6E-08	1.5E-08	4E-05
4979	495863.09, 3862877.25	0.02056	0.02129	0.02096	0.01903	0.02377	3.86E-05	1.9E-06	3.8E-08	2.7E-08	4.06E-05	4.73E-05	2.29E-06	3.73E-08	1.49E-08	4.97E-05	4.17E-05	1.8E-06	3.6E-08	1.5E-08	4E-05
4980	496363.09, 3862877.25	0.0208	0.02173	0.02135	0.01909	0.02425	3.91E-05	1.9E-06	3.8E-08	2.7E-08	4.11E-05	4.79E-05	2.34E-06	3.74E-08	1.52E-08	5.03E-05	4.22E-05	1.8E-06	3.6E-08	1.6E-08	4E-05
4981	496863.09, 3862877.25	0.02109	0.02235	0.02193	0.01942	0.02504	3.96E-05	2E-06	3.9E-08	2.8E-08	4.17E-05	4.86E-05	2.40E-06	3.80E-08	1.57E-08	5.10E-05	4.28E-05	1.8E-06	3.7E-08	1.6E-08	4E-05
4982	497363.09, 3862877.25	0.02128	0.02282	0.02246	0.01987	0.02575	4.00E-05	2E-06	3.9E-08	2.9E-08	4.21E-05	4.90E-05	2.45E-06	3.89E-08	1.61E-08	5.15E-05	4.32E-05	1.9E-06	3.8E-08	1.7E-08	5E-05
4983	497863.09, 3862877.25	0.02141	0.0231	0.02283	0.02029	0.02616	4.02E-05	2E-06	4E-08	2.9E-08	4.23E-05	4.93E-05	2.48E-06	3.97E-08	1.64E-08	5.18E-05	4.35E-05	1.9E-06	3.9E-08	1.7E-08	5E-05
4984	498363.09, 3862877.25	0.02146	0.02319	0.02302	0.02053	0.02621	4.03E-05	2E-06	4.1E-08	2.9E-08	4.24E-05	4.94E-05	2.49E-06	4.02E-08	1.64E-08	5.20E-05	4.36E-05	1.9E-06	3.9E-08	1.7E-08	5E-05
4985	471363.09, 3863377.25	0.00895	0.00813	0.00898	0.00904	0.00901	1.68E-05	7.1E-07	1.8E-08	1E-08	1.76E-05	2.06E-05	8.74E-07	1.77E-08	5.64E-09	2.15E-05	1.82E-05	6.7E-07	1.7E-08	5.8E-09	2E-05
4986	471863.09, 3863377.25	0.00924	0.00846	0.00921	0.00929	0.00922	1.74E-05	7.4E-07	1.8E-08	1E-08	1.81E-05	2.13E-05	9.09E-07	1.82E-08	5.77E-09	2.22E-05	1.88E-05	7E-07	1.8E-08	6E-09	2E-05
4987	472363.09, 3863377.25	0.00955	0.00888	0.00946	0.00957	0.00942	1.79E-05	7.8E-07	1.9E-08	1.1E-08	1.88E-05	2.20E-05	9.55E-07	1.87E-08	5.89E-09	2.30E-05	1.94E-05	7.3E-07	1.8E-08	6.1E-09	2E-05
4988	472863.09, 3863377.25	0.00985	0.00934	0.00973	0.00986	0.00966	1.85E-05	8.2E-07	2E-08	1.1E-08	1.94E-05	2.27E-05	1.00E-06	1.93E-08	6.04E-09	2.37E-05	2.00E-05	7.7E-07	1.9E-08	6.2E-09	2E-05

4989	473363.09, 3863377.25	0.01017	0.00985	0.01002	0.01017	0.00996	1.91E-05	8.6E-07	2E-08	1.1E-08	2.00E-05	2.34E-05	1.06E-06	1.99E-08	6.23E-09	2.45E-05	2.06E-05	8.1E-07	1.9E-08	6.4E-09	2E-05
4990	473863.09, 3863377.25	0.01051	0.01047	0.01034	0.01047	0.01029	1.98E-05	9.2E-07	2.1E-08	1.1E-08	2.07E-05	2.42E-05	1.13E-06	2.05E-08	6.44E-09	2.54E-05	2.13E-05	8.7E-07	2E-08	6.6E-09	2E-05
4991	474363.09, 3863377.25	0.01085	0.01113	0.01067	0.01076	0.01064	2.04E-05	9.8E-07	2.1E-08	1.2E-08	2.14E-05	2.50E-05	1.20E-06	2.11E-08	6.65E-09	2.62E-05	2.20E-05	9.2E-07	2E-08	6.9E-09	2E-05
4992	474863.09, 3863377.25	0.01116	0.01165	0.01094	0.01097	0.01105	2.10E-05	1E-06	2.2E-08	1.2E-08	2.20E-05	2.57E-05	1.25E-06	2.15E-08	6.91E-09	2.70E-05	2.27E-05	9.6E-07	2.1E-08	7.1E-09	2E-05
4993	475363.09, 3863377.25	0.01153	0.01205	0.01126	0.01121	0.01141	2.17E-05	1.1E-06	2.2E-08	1.3E-08	2.28E-05	2.66E-05	1.30E-06	2.20E-08	7.14E-09	2.79E-05	2.34E-05	1E-06	2.1E-08	7.4E-09	2E-05
4994	475863.09, 3863377.25	0.01192	0.01227	0.01157	0.01147	0.01176	2.24E-05	1.1E-06	2.3E-08	1.3E-08	2.35E-05	2.74E-05	1.32E-06	2.25E-08	7.36E-09	2.88E-05	2.42E-05	1E-06	2.2E-08	7.6E-09	3E-05
4995	476363.09, 3863377.25	0.01236	0.01237	0.01188	0.01179	0.01212	2.32E-05	1.1E-06	2.3E-08	1.4E-08	2.43E-05	2.85E-05	1.33E-06	2.31E-08	7.58E-09	2.98E-05	2.51E-05	1E-06	2.2E-08	7.8E-09	3E-05
4996	476863.09, 3863377.25	0.01287	0.01252	0.01224	0.01226	0.01241	2.42E-05	1.1E-06	2.4E-08	1.4E-08	2.53E-05	2.96E-05	1.35E-06	2.40E-08	7.76E-09	3.10E-05	2.61E-05	1E-06	2.3E-08	8E-09	3E-05
4997	477363.09, 3863377.25	0.01347	0.01278	0.01269	0.01289	0.01263	2.53E-05	1.1E-06	2.6E-08	1.4E-08	2.65E-05	3.10E-05	1.37E-06	2.53E-08	7.90E-09	3.24E-05	2.73E-05	1.1E-06	2.5E-08	8.2E-09	3E-05
4998	477863.09, 3863377.25	0.01403	0.01312	0.01324	0.01363	0.01267	2.64E-05	1.2E-06	2.7E-08	1.4E-08	2.76E-05	3.23E-05	1.41E-06	2.67E-08	7.92E-09	3.38E-05	2.85E-05	1.1E-06	2.6E-08	8.2E-09	3E-05
4999	478363.09, 3863377.25	0.01427	0.01328	0.01359	0.01414	0.01202	2.68E-05	1.2E-06	2.8E-08	1.3E-08	2.80E-05	3.29E-05	1.43E-06	2.77E-08	7.52E-09	3.43E-05	2.90E-05	1.1E-06	2.7E-08	7.8E-09	3E-05
5000	478863.09, 3863377.25	0.01511	0.01455	0.01436	0.01491	0.01292	2.84E-05	1.3E-06	3E-08	1.4E-08	2.97E-05	3.48E-05	1.56E-06	2.92E-08	8.08E-09	3.64E-05	3.07E-05	1.2E-06	2.8E-08	8.3E-09	3E-05
5001	479363.09, 3863377.25	0.01608	0.01567	0.01532	0.01582	0.01443	3.02E-05	1.4E-06	3.1E-08	1.6E-08	3.16E-05	3.70E-05	1.68E-06	3.10E-08	9.03E-09	3.88E-05	3.26E-05	1.3E-06	3E-08	9.3E-09	3E-05
5002	479863.09, 3863377.25	0.01663	0.01604	0.01589	0.01641	0.01583	3.13E-05	1.4E-06	3.3E-08	1.8E-08	3.27E-05	3.83E-05	1.72E-06	3.21E-08	9.90E-09	4.01E-05	3.38E-05	1.3E-06	3.1E-08	1E-08	4E-05
5003	480363.09, 3863377.25	0.01726	0.01602	0.01655	0.01719	0.01686	3.24E-05	1.4E-06	3.4E-08	1.9E-08	3.39E-05	3.97E-05	1.72E-06	3.37E-08	1.05E-08	4.15E-05	3.50E-05	1.3E-06	3.3E-08	1.1E-08	4E-05
5004	480863.09, 3863377.25	0.01793	0.01574	0.01719	0.01803	0.01787	3.37E-05	1.4E-06	3.6E-08	2E-08	3.51E-05	4.13E-05	1.69E-06	3.53E-08	1.12E-08	4.30E-05	3.64E-05	1.3E-06	3.4E-08	1.2E-08	4E-05
5005	481363.09, 3863377.25	0.01842	0.01617	0.01761	0.0185	0.01872	3.46E-05	1.4E-06	3.7E-08	2.1E-08	3.61E-05	4.24E-05	1.74E-06	3.62E-08	1.17E-08	4.42E-05	3.74E-05	1.3E-06	3.5E-08	1.2E-08	4E-05
5006	481863.09, 3863377.25	0.0191	0.01799	0.01829	0.01901	0.01935	3.59E-05	1.6E-06	3.8E-08	2.2E-08	3.75E-05	4.40E-05	1.93E-06	3.72E-08	1.21E-08	4.60E-05	3.88E-05	1.5E-06	3.6E-08	1.2E-08	4E-05
5007	482363.09, 3863377.25	0.01982	0.01914	0.01907	0.01967	0.02007	3.72E-05	1.7E-06	3.9E-08	2.2E-08	3.90E-05	4.56E-05	2.06E-06	3.85E-08	1.26E-08	4.78E-05	4.02E-05	1.6E-06	3.7E-08	1.3E-08	4E-05
5008	482863.09, 3863377.25	0.02034	0.01903	0.01957	0.02017	0.02108	3.82E-05	1.7E-06	4E-08	2.4E-08	4.00E-05	4.68E-05	2.05E-06	3.95E-08	1.32E-08	4.89E-05	4.13E-05	1.6E-06	3.8E-08	1.4E-08	4E-05
5009	483363.09, 3863377.25	0.02076	0.0199	0.01991	0.02041	0.02185	3.90E-05	1.7E-06	4.1E-08	2.4E-08	4.08E-05	4.78E-05	2.14E-06	4.00E-08	1.37E-08	5.00E-05	4.22E-05	1.6E-06	3.9E-08	1.4E-08	4E-05
5010	483863.09, 3863377.25	0.02106	0.02078	0.02012	0.02053	0.02223	3.96E-05	1.8E-06	4.1E-08	2.5E-08	4.15E-05	4.85E-05	2.23E-06	4.02E-08	1.39E-08	5.08E-05	4.28E-05	1.7E-06	3.9E-08	1.4E-08	4E-05
5011	484363.09, 3863377.25	0.02119	0.02008	0.02002	0.02054	0.02257	3.98E-05	1.8E-06	4.1E-08	2.5E-08	4.16E-05	4.88E-05	2.16E-06	4.02E-08	1.41E-08	5.10E-05	4.30E-05	1.7E-06	3.9E-08	1.5E-08	4E-05
5012	484863.09, 3863377.25	0.02123	0.01844	0.0196	0.02053	0.02267	3.99E-05	1.6E-06	4.1E-08	2.5E-08	4.16E-05	4.89E-05	1.98E-06	4.02E-08	1.42E-08	5.09E-05	4.31E-05	1.5E-06	3.9E-08	1.5E-08	4E-05
5013	485363.09, 3863377.25	0.02096	0.01906	0.01894	0.01993	0.02211	3.94E-05	1.7E-06	4E-08	2.5E-08	4.11E-05	4.83E-05	2.05E-06	3.90E-08	1.38E-08	5.04E-05	4.26E-05	1.6E-06	3.8E-08	1.4E-08	4E-05
5014	485863.09, 3863377.25	0.02083	0.01989	0.0187	0.01942	0.02152	3.91E-05	1.7E-06	3.9E-08	2.4E-08	4.10E-05	4.80E-05	2.14E-06	3.80E-08	1.35E-08	5.02E-05	4.23E-05	1.6E-06	3.7E-08	1.4E-08	4E-05
5015	486363.09, 3863377.25	0.02072	0.01962	0.01851	0.01921	0.02135	3.89E-05	1.7E-06	3.8E-08	2.4E-08	4.07E-05	4.77E-05	2.11E-06	3.76E-08	1.34E-08	4.99E-05	4.21E-05	1.6E-06	3.7E-08	1.4E-08	4E-05
5016	486863.09, 3863377.25	0.02055	0.01968	0.01834	0.01902	0.02098	3.86E-05	1.7E-06	3.8E-08	2.3E-08	4.04E-05	4.73E-05	2.12E-06	3.73E-08	1.31E-08	4.95E-05	4.17E-05	1.6E-06	3.6E-08	1.4E-08	4E-05
5017	487363.09, 3863377.25	0.02041	0.0183	0.01825	0.01904	0.0209	3.84E-05	1.6E-06	3.8E-08	2.3E-08	4.00E-05	4.70E-05	1.97E-06	3.73E-08	1.31E-08	4.90E-05	4.14E-05	1.5E-06	3.6E-08	1.4E-08	4E-05
5018	487863.09, 3863377.25	0.02022	0.01726	0.0181	0.01911	0.02078	3.80E-05	1.5E-06	3.8E-08	2.3E-08	3.96E-05	4.66E-05	1.86E-06	3.74E-08	1.30E-08	4.85E-05	4.11E-05	1.4E-06	3.6E-08	1.3E-08	4E-05
5019	488363.09, 3863377.25	0.02009	0.01801	0.01824	0.01898	0.02075	3.78E-05	1.6E-06	3.8E-08	2.3E-08	3.94E-05	4.63E-05	1.94E-06	3.72E-08	1.30E-08	4.82E-05	4.08E-05	1.5E-06	3.6E-08	1.3E-08	4E-05
5020	488863.09, 3863377.25	0.01992	0.0193	0.01844	0.01856	0.02098	3.74E-05	1.7E-06	3.7E-08	2.3E-08	3.92E-05	4.59E-05	2.07E-06	3.64E-08	1.31E-08	4.80E-05	4.04E-05	1.6E-06	3.5E-08	1.4E-08	4E-05
5021	489363.09, 3863377.25	0.01971	0.01922	0.01843	0.01827	0.02098	3.70E-05	1.7E-06	3.6E-08	2.3E-08	3.88E-05	4.54E-05	2.07E-06	3.58E-08	1.31E-08	4.75E-05	4.00E-05	1.6E-06	3.5E-08	1.4E-08	4E-05
5022	489863.09, 3863377.25	0.01967	0.01854	0.01851	0.01837	0.02097	3.70E-05	1.6E-06	3.6E-08	2.3E-08	3.87E-05	4.53E-05	1.99E-06	3.60E-08	1.31E-08	4.73E-05	3.99E-05	1.5E-06	3.5E-08	1.4E-08	4E-05
5023	490363.09, 3863377.25	0.01976	0.01873	0.01887	0.0186	0.0213	3.71E-05	1.6E-06	3.7E-08	2.4E-08	3.88E-05	4.55E-05	2.01E-06	3.64E-08	1.33E-08	4.76E-05	4.01E-05	1.5E-06	3.5E-08	1.4E-08	4E-05
5024	490863.09, 3863377.25	0.02003	0.0197	0.01936	0.01878	0.02187	3.76E-05	1.7E-06	3.7E-08	2.4E-08	3.94E-05	4.61E-05	2.12E-06	3.68E-08	1.37E-08	4.83E-05	4.07E-05	1.6E-06	3.6E-08	1.4E-08	4E-05
5025	491363.09, 3863377.25	0.02012	0.01974	0.01951	0.01893	0.02207	3.78E-05	1.7E-06	3.8E-08	2.5E-08	3.96E-05	4.63E-05	2.12E-06	3.71E-08	1.38E-08	4.85E-05	4.09E-05	1.6E-06	3.6E-08	1.4E-08	4E-05
5026	491863.09, 3863377.25	0.02019	0.01986	0.01969	0.01903	0.02235	3.79E-05	1.7E-06	3.8E-08	2.5E-08	3.97E-05	4.65E-05	2.13E-06	3.73E-08	1.40E-08	4.87E-05	4.10E-05	1.6E-06	3.6E-08	1.4E-08	4E-05
5027	492363.09, 3863377.25	0.02039	0.02034	0.02004	0.01902	0.02249	3.83E-05	1.8E-06	3.8E-08	2.5E-08	4.02E-05	4.70E-05	2.19E-06	3.73E-08	1.41E-08	4.92E-05	4.14E-05	1.7E-06	3.6E-08	1.5E-08	4E-05
5028	492863.09, 3863377.25	0.02095	0.02115	0.02089	0.01957	0.02285	3.94E-05	1.9E-06	3.9E-08	2.6E-08	4.13E-05	4.82E-05	2.27E-06	3.83E-08	1.43E-08	5.06E-05	4.25E-05	1.7E-06	3.7E-08	1.5E-08	4E-05
5029	493363.09, 3863377.25	0.02159	0.02214	0.02193	0.02047	0.02402	4.06E-05	1.9E-06	4.1E-08	2.7E-08	4.26E-05	4.97E-05	2.38E-06	4.01E-08	1.50E-08	5.22E-05	4.38E-05	1.8E-06	3.9E-08	1.6E-08	5E-05
5030	493863.09, 3863377.25	0.02141	0.02217	0.02193	0.02049	0.02434	4.02E-05	1.9E-06	4.1E-08	2.7E-08	4.22E-05	4.93E-05	2.38E-06	4.01E-08	1.52E-08	5.17E-05	4.35E-05	1.8E-06	3.9E-08	1.6E-08	5E-05
5031	494363.09, 3863377.25	0.02041	0.02108	0.02084	0.01949	0.0232	3.84E-05	1.8E-06	3.9E-08	2.6E-08	4.03E-05	4.70E-05	2.27E-06	3.82E-08	1.45E-08	4.93E-05	4.14E-05	1.7E-06	3.7E-08	1.5E-08	4E-05
5032	494863.09, 3863377.25	0.01961	0.02017	0.01995	0.01857	0.02189	3.69E-05	1.8E-06	3.7E-08	2.4E-08	3.87E-05	4.52E-05	2.17E-06	3.64E-08	1.37E-08	4.74E-05	3.98E-05	1.7E-06	3.5E-08	1.4E-08	4E-05
5033	495363.09, 3863377.25	0.0192	0.01977	0.01957	0.01809	0.02129	3.61E-05	1.7E-06	3.6E-08	2.4E-08	3.79E-05	4.42E-05	2.13E-06	3.54E-08	1.33E-08	4.64E-05	3.90E-05	1.6E-06	3.4E-08	1.4E-08	4E-05
5034	495863.09, 3863377.25	0.01903	0.0197	0.0195	0.01794	0.02122	3.58E-05	1.7E-06	3.6E-08	2.4E-08	3.75E-05	4.38E-05	2.12E-06	3.51E-08	1.33E-08	4.60E-05	3.86E-05	1.6E-06	3.4E-08	1.4E-08	4E-05
5035	496363.09, 3863377.25	0.01834	0.019	0.01878	0.01721	0.02098	3.45E-05	1.7E-06	3.4E-08	2.3E-08	3.62E-05	4.22E-05	2.04E-06	3.37E-08	1.31E-08	4.43E-05	3.72E-05	1.6E-06	3.3E-08	1.4E-08	4E-05
5036	496863.09, 3863377.25	0.01809	0.01883	0.01858	0.01683	0.02087	3.40E-05	1.7E-06	3.3E-08	2.3E-08	3.57E-05	4.17E-05	2.02E-06	3.30E-08	1.31E-08	4.37E-05	3.67E-05	1.6E-06	3.2E-08	1.3E-08	4E-05
5037	497363.09, 3863377.25	0.0183	0.01925	0.01895	0.01693	0.02135	3.44E-05	1.7E-06	3.4E-08	2.4E-08	3.61E-05	4.21E-05	2.07E-06	3.32E-08	1.34E-08	4.43E-05	3.72E-05	1.6E-06	3.2E-08	1.4E-08	4E-05
5038	497863.09, 3863377.25	0.01861	0.01983	0.01952	0.01732	0.0221	3.50E-05	1.7E-06	3.4E-08	2.5E-08	3.68E-05	4.29E-05	2.13E-06	3.39E-08	1.38E-08	4.50E-05	3.78E-05	1.6E-06	3.3E-08	1.4E-08	4E-05
5039	498363.09, 3863377.25	0.01882	0.02026	0.02	0.01775	0.02272	3.54E-05	1.8E-06	3.5E-08	2.5E-08	3.72E-05	4.33E-05	2.18E-06	3.48E-08	1.42E-08	4.56E-05	3.82E-05	1.7E-06	3.4E-08	1.5E-08	4E-05
5040	471363.09, 3863877.25	0.00857	0.00789	0.00849	0.00859	0.0085	1.61E-05	6.9E-07	1.7E-08	9.5E-09	1.68E-05	1.97E-05	8.48E-07	1.68E-08	5.32E-09	2.06E-05	1.74E-05	6.5E-07	1.6E-08	5.5E-09	2E-05
5041	471863.09, 3863877.25	0.00885	0.00833	0.00874	0.00885	0.00863	1.66E-05	7.3E-07	1.8E-08	9.6E-09	1.74E-05	2.04E-05	8.95E-07	1.73E-08	5.40E-09	2.13E-05	1.80E-05	6.9E-07	1.7E-08	5.6E-09	2E-05
5042	472363.09, 3863877.25	0.0091	0.0088	0.00897	0.00909	0.00887	1.71E-05	7.7E-07	1.8E-08	9.9E-09	1.79E-05	2.10E-05	9.46E-07	1.78E-08	5.55E-09	2.19E-05	1.85E-05	7.3E-07	1.7E-08	5.7E-09	2E-05
5043	472863.09, 3863877.25	0.00936	0.00934	0.00922	0.00932	0.00916	1.76E-05	8.2E-07	1.8E-08	1E-08	1.84E-05	2.16E-05	1.00E-06	1.83E-08	5.73E-09	2.26E-05	1.90E-05	7.7E-07	1.8E-08	5.9E-09	2E-05
5044	473363.09, 3863877.25	0.00961	0.0099	0.00946	0.00952	0.00949	1.81E-05	8.7E-07	1.9E-08	1.1E-08	1.90E-05	2.21E-05	1.06E-06	1.86E-08	5.94E-09	2.32E-05	1.95E-05	8.2E-07	1.8E-08	6.1E-09	2E-05
5045	473863.09, 3863877.25	0.0099	0.01042	0.00973	0.00974	0.00979	1.86E-05	9.1E-07	1.9E-08	1.1E-08	1.95E-05	2.28E-05	1.12E-06	1.91E-08	6.12E-09	2.39E-05	2.01E-05	8.6E-07	1.9E-08	6.3E-09	2E-05
5046	474363.09, 3863877.25	0.01017	0.01072	0.00996	0.00993	0.01011	1.91E-05	9.4E-07	2E-08	1.1E-08	2.01E-05	2.34E-05	1.15E-06	1.95E-08	6.32E-09	2.46E-05	2.06E-05	8.9E-07	1.9E-08	6.5E-09	2E-05
5047	474863.09, 3863877.25	0.01044	0.01075	0.01014	0.01009	0.01046	1.96E-05	9.4E-07	2E-08	1.2E-08	2.06E-05	2.40E-05	1.16E-06	1.98E-08	6.54E-09	2.52E-05	2.12E-05	8.9E-07	1.9E-08	6.8E-09	2E-05
5048	475363.09, 3863877.25	0.01079	0.01072	0.01037	0.01035	0.01073	2.03E-05	9.4E-07	2.1E-08	1.2E-08	2.12E-05	2.48E-05	1.15E-06	2.03E-08	6.71E-09	2.60E-05	2.19E-05	8.9E-07	2E-08	6.9E-09	2E-05
5049	475863.09, 3863877.25	0.01114	0.01068	0.01057	0.01062	0.01096	2.09E-05	9.4E-07	2.1E-08	1.2E-08	2.19E-05	2.57E-05	1.15E-06	2.08E-08	6.85E-09	2.68E-05	2.26E-05	8.8E-07	2E-08	7.1E-09	2E-05
5050	476363.09, 3863877.25	0.01159	0.01091	0.01088	0.01105	0.01112	2.18E-05	9.6E-07	2.2E-08	1.2E-08	2.28E-05	2.67E-05	1.17E-06	2.16E-08	6.95E-09	2.79E-05	2.35E-05	9E-07	2.1E-08	7.2E-09	2E-05
5051	476863.09, 3863877.25	0.01206	0.0113	0.01123	0.01155	0.01132	2.27E-05	9.9E-07	2.3E-08	1.3E-08	2.37E-05	2.78E-05	1.21E-06	2.26E-08	7.08E-09	2.90E-05	2.45E-05	9.3E-07	2.2E-08	7.3E-09	3E-05
5052	477363.09, 3863877.25	0.0126	0.01177	0.01171	0.01217	0.01161	2.37E-05	1E-06	2.4E-08	1.3E-08	2.47E-05	2.90E-05	1.27E-06	2.38E-08	7.26E-09	3.03E-05	2.56E-05	9.7E-07	2.3E-08	7.5E-09	3E-05

5053	477863.09, 3863877.25	0.01321	0.01232	0.01231	0.01284	0.01199	2.48E-05	1.1E-06	2.5E-08	1.3E-08	2.59E-05	3.04E-05	1.32E-06	2.52E-08	7.50E-09	3.18E-05	2.68E-05	1E-06	2.4E-08	7.7E-09	3E-05
5054	478363.09, 3863877.25	0.01373	0.01311	0.01298	0.01344	0.01204	2.58E-05	1.2E-06	2.7E-08	1.3E-08	2.70E-05	3.16E-05	1.41E-06	2.63E-08	7.53E-09	3.31E-05	2.79E-05	1.1E-06	2.6E-08	7.8E-09	3E-05
5055	478863.09, 3863877.25	0.01437	0.01388	0.01359	0.01407	0.01315	2.70E-05	1.2E-06	2.8E-08	1.5E-08	2.83E-05	3.31E-05	1.49E-06	2.76E-08	8.22E-09	3.46E-05	2.92E-05	1.1E-06	2.7E-08	8.5E-09	3E-05
5056	479363.09, 3863877.25	0.01485	0.01434	0.01416	0.01465	0.01404	2.79E-05	1.3E-06	2.9E-08	1.6E-08	2.92E-05	3.42E-05	1.54E-06	2.87E-08	8.78E-09	3.58E-05	3.02E-05	1.2E-06	2.8E-08	9.1E-09	3E-05
5057	479863.09, 3863877.25	0.01537	0.01444	0.01472	0.01529	0.01489	2.89E-05	1.3E-06	3E-08	1.7E-08	3.02E-05	3.54E-05	1.55E-06	3.00E-08	9.31E-09	3.70E-05	3.12E-05	1.2E-06	2.9E-08	9.6E-09	3E-05
5058	480363.09, 3863877.25	0.01588	0.01425	0.01521	0.01595	0.01571	2.98E-05	1.3E-06	3.2E-08	1.8E-08	3.11E-05	3.66E-05	1.53E-06	3.12E-08	9.83E-09	3.81E-05	3.22E-05	1.2E-06	3E-08	1E-08	3E-05
5059	480863.09, 3863877.25	0.01643	0.01438	0.01569	0.01655	0.01652	3.09E-05	1.3E-06	3.3E-08	1.8E-08	3.22E-05	3.78E-05	1.55E-06	3.24E-08	1.03E-08	3.94E-05	3.34E-05	1.2E-06	3.1E-08	1.1E-08	3E-05
5060	481363.09, 3863877.25	0.01691	0.01541	0.01614	0.01688	0.01714	3.18E-05	1.4E-06	3.4E-08	1.9E-08	3.32E-05	3.89E-05	1.66E-06	3.31E-08	1.07E-08	4.06E-05	3.43E-05	1.3E-06	3.2E-08	1.1E-08	4E-05
5061	481863.09, 3863877.25	0.01745	0.01673	0.0167	0.01726	0.01765	3.28E-05	1.5E-06	3.4E-08	2E-08	3.43E-05	4.02E-05	1.80E-06	3.38E-08	1.10E-08	4.20E-05	3.54E-05	1.4E-06	3.3E-08	1.1E-08	4E-05
5062	482363.09, 3863877.25	0.01803	0.01713	0.0173	0.01786	0.01837	3.39E-05	1.5E-06	3.5E-08	2.1E-08	3.54E-05	4.15E-05	1.84E-06	3.50E-08	1.15E-08	4.34E-05	3.66E-05	1.4E-06	3.4E-08	1.2E-08	4E-05
5063	482863.09, 3863877.25	0.01837	0.01731	0.01758	0.01814	0.01913	3.45E-05	1.5E-06	3.6E-08	2.1E-08	3.61E-05	4.23E-05	1.86E-06	3.55E-08	1.20E-08	4.42E-05	3.73E-05	1.4E-06	3.5E-08	1.2E-08	4E-05
5064	483363.09, 3863877.25	0.01864	0.01815	0.01778	0.01822	0.01955	3.50E-05	1.6E-06	3.6E-08	2.2E-08	3.67E-05	4.29E-05	1.95E-06	3.57E-08	1.22E-08	4.49E-05	3.78E-05	1.5E-06	3.5E-08	1.3E-08	4E-05
5065	483863.09, 3863877.25	0.01891	0.0185	0.01796	0.01835	0.01985	3.55E-05	1.6E-06	3.6E-08	2.2E-08	3.72E-05	4.35E-05	1.99E-06	3.59E-08	1.24E-08	4.56E-05	3.84E-05	1.5E-06	3.5E-08	1.3E-08	4E-05
5066	484363.09, 3863877.25	0.01896	0.01735	0.01775	0.01841	0.02007	3.56E-05	1.5E-06	3.7E-08	2.2E-08	3.72E-05	4.37E-05	1.87E-06	3.61E-08	1.26E-08	4.56E-05	3.85E-05	1.4E-06	3.5E-08	1.3E-08	4E-05
5067	484863.09, 3863877.25	0.01894	0.01631	0.01734	0.01839	0.01999	3.56E-05	1.4E-06	3.7E-08	2.2E-08	3.71E-05	4.36E-05	1.75E-06	3.60E-08	1.25E-08	4.54E-05	3.85E-05	1.3E-06	3.5E-08	1.3E-08	4E-05
5068	485363.09, 3863877.25	0.01878	0.01729	0.01694	0.0179	0.01951	3.53E-05	1.5E-06	3.6E-08	2.2E-08	3.69E-05	4.32E-05	1.86E-06	3.51E-08	1.22E-08	4.52E-05	3.81E-05	1.4E-06	3.4E-08	1.3E-08	4E-05
5069	485863.09, 3863877.25	0.0187	0.01755	0.01677	0.01754	0.01915	3.51E-05	1.5E-06	3.5E-08	2.1E-08	3.67E-05	4.31E-05	1.89E-06	3.44E-08	1.20E-08	4.50E-05	3.80E-05	1.5E-06	3.3E-08	1.2E-08	4E-05
5070	486363.09, 3863877.25	0.01844	0.01733	0.01639	0.01719	0.01884	3.47E-05	1.5E-06	3.4E-08	2.1E-08	3.62E-05	4.25E-05	1.86E-06	3.37E-08	1.18E-08	4.44E-05	3.74E-05	1.4E-06	3.3E-08	1.2E-08	4E-05
5071	486863.09, 3863877.25	0.0183	0.01752	0.01627	0.01699	0.01839	3.44E-05	1.5E-06	3.4E-08	2.1E-08	3.60E-05	4.21E-05	1.88E-06	3.33E-08	1.15E-08	4.41E-05	3.72E-05	1.4E-06	3.2E-08	1.2E-08	4E-05
5072	487363.09, 3863877.25	0.0182	0.01643	0.01624	0.01705	0.01838	3.42E-05	1.4E-06	3.4E-08	2.1E-08	3.57E-05	4.19E-05	1.77E-06	3.34E-08	1.15E-08	4.37E-05	3.70E-05	1.4E-06	3.2E-08	1.2E-08	4E-05
5073	487863.09, 3863877.25	0.01807	0.01544	0.01617	0.01719	0.01834	3.40E-05	1.4E-06	3.4E-08	2E-08	3.54E-05	4.16E-05	1.66E-06	3.37E-08	1.15E-08	4.33E-05	3.67E-05	1.3E-06	3.3E-08	1.2E-08	4E-05
5074	488363.09, 3863877.25	0.01801	0.01586	0.01632	0.01718	0.01838	3.38E-05	1.4E-06	3.4E-08	2.1E-08	3.53E-05	4.15E-05	1.70E-06	3.37E-08	1.15E-08	4.32E-05	3.66E-05	1.3E-06	3.3E-08	1.2E-08	4E-05
5075	488863.09, 3863877.25	0.01786	0.01691	0.01648	0.01685	0.01862	3.36E-05	1.5E-06	3.3E-08	2.1E-08	3.51E-05	4.11E-05	1.82E-06	3.30E-08	1.16E-08	4.30E-05	3.63E-05	1.4E-06	3.2E-08	1.2E-08	4E-05
5076	489363.09, 3863877.25	0.01765	0.01724	0.01644	0.01645	0.01858	3.32E-05	1.5E-06	3.3E-08	2.1E-08	3.47E-05	4.06E-05	1.85E-06	3.22E-08	1.16E-08	4.25E-05	3.58E-05	1.4E-06	3.1E-08	1.2E-08	4E-05
5077	489863.09, 3863877.25	0.01756	0.01679	0.01644	0.0164	0.01843	3.30E-05	1.5E-06	3.3E-08	2.1E-08	3.45E-05	4.04E-05	1.80E-06	3.21E-08	1.15E-08	4.23E-05	3.57E-05	1.4E-06	3.1E-08	1.2E-08	4E-05
5078	490363.09, 3863877.25	0.01757	0.01646	0.01667	0.01661	0.01864	3.30E-05	1.4E-06	3.3E-08	2.1E-08	3.45E-05	4.05E-05	1.77E-06	3.25E-08	1.17E-08	4.23E-05	3.57E-05	1.4E-06	3.2E-08	1.2E-08	4E-05
5079	490863.09, 3863877.25	0.01771	0.01708	0.01705	0.01676	0.01909	3.33E-05	1.5E-06	3.3E-08	2.1E-08	3.48E-05	4.08E-05	1.84E-06	3.28E-08	1.19E-08	4.27E-05	3.60E-05	1.4E-06	3.2E-08	1.2E-08	4E-05
5080	491363.09, 3863877.25	0.01788	0.01762	0.01732	0.01684	0.01943	3.36E-05	1.5E-06	3.3E-08	2.2E-08	3.52E-05	4.12E-05	1.89E-06	3.30E-08	1.22E-08	4.31E-05	3.63E-05	1.5E-06	3.2E-08	1.3E-08	4E-05
5081	491863.09, 3863877.25	0.01852	0.01817	0.01803	0.01755	0.01987	3.48E-05	1.6E-06	3.5E-08	2.2E-08	3.65E-05	4.26E-05	1.95E-06	3.44E-08	1.24E-08	4.46E-05	3.76E-05	1.5E-06	3.3E-08	1.3E-08	4E-05
5082	492363.09, 3863877.25	0.01899	0.01888	0.01876	0.01807	0.02026	3.57E-05	1.7E-06	3.6E-08	2.3E-08	3.74E-05	4.37E-05	2.03E-06	3.54E-08	1.27E-08	4.58E-05	3.86E-05	1.6E-06	3.4E-08	1.3E-08	4E-05
5083	492863.09, 3863877.25	0.01901	0.01919	0.01899	0.01795	0.01927	3.57E-05	1.7E-06	3.6E-08	2.2E-08	3.75E-05	4.38E-05	2.06E-06	3.52E-08	1.21E-08	4.59E-05	3.86E-05	1.6E-06	3.4E-08	1.2E-08	4E-05
5084	493363.09, 3863877.25	0.01903	0.01946	0.01931	0.01807	0.01907	3.58E-05	1.7E-06	3.6E-08	2.1E-08	3.75E-05	4.38E-05	2.09E-06	3.54E-08	1.19E-08	4.60E-05	3.86E-05	1.6E-06	3.4E-08	1.2E-08	4E-05
5085	493863.09, 3863877.25	0.01948	0.01999	0.01987	0.01856	0.02135	3.66E-05	1.8E-06	3.7E-08	2.4E-08	3.84E-05	4.49E-05	2.15E-06	3.64E-08	1.34E-08	4.71E-05	3.96E-05	1.7E-06	3.5E-08	1.4E-08	4E-05
5086	494363.09, 3863877.25	0.01934	0.02	0.01984	0.01856	0.02188	3.63E-05	1.8E-06	3.7E-08	2.4E-08	3.82E-05	4.45E-05	2.15E-06	3.64E-08	1.37E-08	4.67E-05	3.93E-05	1.7E-06	3.5E-08	1.4E-08	4E-05
5087	494863.09, 3863877.25	0.01862	0.01928	0.01911	0.0179	0.02083	3.50E-05	1.7E-06	3.6E-08	2.3E-08	3.67E-05	4.29E-05	2.07E-06	3.51E-08	1.30E-08	4.50E-05	3.78E-05	1.6E-06	3.4E-08	1.3E-08	4E-05
5088	495363.09, 3863877.25	0.01782	0.01837	0.01822	0.01702	0.01949	3.35E-05	1.6E-06	3.4E-08	2.2E-08	3.52E-05	4.10E-05	1.97E-06	3.33E-08	1.22E-08	4.31E-05	3.62E-05	1.5E-06	3.2E-08	1.3E-08	4E-05
5089	495863.09, 3863877.25	0.01729	0.01779	0.01765	0.0164	0.01875	3.25E-05	1.6E-06	3.3E-08	2.1E-08	3.41E-05	3.98E-05	1.91E-06	3.21E-08	1.17E-08	4.18E-05	3.51E-05	1.5E-06	3.1E-08	1.2E-08	4E-05
5090	496363.09, 3863877.25	0.01679	0.01734	0.01719	0.01592	0.01871	3.16E-05	1.5E-06	3.2E-08	2.1E-08	3.31E-05	3.87E-05	1.86E-06	3.12E-08	1.17E-08	4.06E-05	3.41E-05	1.4E-06	3E-08	1.2E-08	4E-05
5091	496863.09, 3863877.25	0.01645	0.01706	0.0169	0.0156	0.01864	3.09E-05	1.5E-06	3.1E-08	2.1E-08	3.25E-05	3.79E-05	1.83E-06	3.06E-08	1.17E-08	3.98E-05	3.34E-05	1.4E-06	3E-08	1.2E-08	3E-05
5092	497363.09, 3863877.25	0.01629	0.01695	0.01678	0.01535	0.01859	3.06E-05	1.5E-06	3E-08	2.1E-08	3.22E-05	3.75E-05	1.82E-06	3.01E-08	1.16E-08	3.94E-05	3.31E-05	1.4E-06	2.9E-08	1.2E-08	3E-05
5093	497863.09, 3863877.25	0.01635	0.01711	0.01691	0.01526	0.01877	3.07E-05	1.5E-06	3E-08	2.1E-08	3.23E-05	3.77E-05	1.84E-06	2.99E-08	1.17E-08	3.95E-05	3.32E-05	1.4E-06	2.9E-08	1.2E-08	3E-05
5094	498363.09, 3863877.25	0.01645	0.01741	0.01717	0.01533	0.01917	3.09E-05	1.5E-06	3E-08	2.1E-08	3.25E-05	3.79E-05	1.87E-06	3.00E-08	1.20E-08	3.98E-05	3.34E-05	1.4E-06	2.9E-08	1.2E-08	3E-05
5095	471363.09, 3864377.25	0.0082	0.00791	0.00807	0.00818	0.008	1.54E-05	6.9E-07	1.6E-08	8.9E-09	1.61E-05	1.89E-05	8.50E-07	1.60E-08	5.00E-09	1.98E-05	1.66E-05	6.5E-07	1.6E-08	5.2E-09	2E-05
5096	471863.09, 3864377.25	0.00842	0.0084	0.00829	0.00838	0.00821	1.58E-05	7.4E-07	1.7E-08	9.2E-09	1.66E-05	1.94E-05	9.03E-07	1.64E-08	5.13E-09	2.03E-05	1.71E-05	6.9E-07	1.6E-08	5.3E-09	2E-05
5097	472363.09, 3864377.25	0.00864	0.00891	0.00851	0.00856	0.00846	1.62E-05	7.8E-07	1.7E-08	9.5E-09	1.70E-05	1.99E-05	9.58E-07	1.68E-08	5.29E-09	2.09E-05	1.75E-05	7.4E-07	1.6E-08	5.5E-09	2E-05
5098	472863.09, 3864377.25	0.00886	0.00938	0.00873	0.00872	0.00873	1.66E-05	8.2E-07	1.7E-08	9.8E-09	1.75E-05	2.04E-05	1.01E-06	1.71E-08	5.46E-09	2.14E-05	1.80E-05	7.8E-07	1.7E-08	5.6E-09	2E-05
5099	473363.09, 3864377.25	0.00907	0.00964	0.0089	0.00885	0.00903	1.70E-05	8.5E-07	1.8E-08	1E-08	1.79E-05	2.09E-05	1.04E-06	1.73E-08	5.65E-09	2.19E-05	1.84E-05	8E-07	1.7E-08	5.8E-09	2E-05
5100	473863.09, 3864377.25	0.00929	0.00967	0.00905	0.00901	0.00931	1.75E-05	8.5E-07	1.8E-08	1E-08	1.83E-05	2.14E-05	1.04E-06	1.76E-08	5.82E-09	2.25E-05	1.89E-05	8E-07	1.7E-08	6E-09	2E-05
5101	474363.09, 3864377.25	0.00955	0.00954	0.00921	0.0092	0.00955	1.79E-05	8.4E-07	1.8E-08	1.1E-08	1.88E-05	2.20E-05	1.03E-06	1.80E-08	5.97E-09	2.30E-05	1.94E-05	7.9E-07	1.8E-08	6.2E-09	2E-05
5102	474863.09, 3864377.25	0.00981	0.00935	0.00931	0.00939	0.00974	1.84E-05	8.2E-07	1.9E-08	1.1E-08	1.93E-05	2.26E-05	1.01E-06	1.84E-08	6.09E-09	2.36E-05	1.99E-05	7.7E-07	1.8E-08	6.3E-09	2E-05
5103	475363.09, 3864377.25	0.01014	0.00939	0.0095	0.00968	0.00987	1.91E-05	8.2E-07	1.9E-08	1.1E-08	1.99E-05	2.34E-05	1.01E-06	1.90E-08	6.17E-09	2.44E-05	2.06E-05	7.8E-07	1.8E-08	6.4E-09	2E-05
5104	475863.09, 3864377.25	0.0105	0.00969	0.00974	0.01003	0.00999	1.97E-05	8.5E-07	2E-08	1.1E-08	2.06E-05	2.42E-05	1.04E-06	1.96E-08	6.25E-09	2.52E-05	2.13E-05	8E-07	1.9E-08	6.5E-09	2E-05
5105	476363.09, 3864377.25	0.01093	0.01021	0.0101	0.01048	0.01017	2.05E-05	9E-07	2.1E-08	1.1E-08	2.15E-05	2.52E-05	1.10E-06	2.05E-08	6.36E-09	2.63E-05	2.22E-05	8.4E-07	2E-08	6.6E-09	2E-05
5106	476863.09, 3864377.25	0.01139	0.01074	0.01055	0.01101	0.01044	2.14E-05	9.4E-07	2.2E-08	1.2E-08	2.24E-05	2.62E-05	1.15E-06	2.16E-08	6.53E-09	2.74E-05	2.31E-05	8.9E-07	2.1E-08	6.7E-09	2E-05
5107	477363.09, 3864377.25	0.01181	0.01109	0.01098	0.01148	0.01095	2.22E-05	9.7E-07	2.3E-08	1.2E-08	2.32E-05	2.72E-05	1.19E-06	2.25E-08	6.85E-09	2.84E-05	2.40E-05	9.2E-07	2.2E-08	7.1E-09	2E-05
5108	477863.09, 3864377.25	0.01227	0.01154	0.01145	0.01194	0.01151	2.31E-05	1E-06	2.4E-08	1.3E-08	2.41E-05	2.83E-05	1.24E-06	2.34E-08	7.20E-09	2.95E-05	2.49E-05	9.5E-07	2.3E-08	7.4E-09	3E-05
5109	478363.09, 3864377.25	0.01275	0.0122	0.01199	0.01244	0.01205	2.40E-05	1.1E-06	2.5E-08	1.3E-08	2.51E-05	2.94E-05	1.31E-06	2.44E-08	7.54E-09	3.07E-05	2.59E-05	1E-06	2.4E-08	7.8E-09	3E-05
5110	478863.09, 3864377.25	0.01325	0.01273	0.01256	0.01304	0.01261	2.49E-05	1.1E-06	2.6E-08	1.4E-08	2.61E-05	3.05E-05	1.37E-06	2.55E-08	7.89E-09	3.19E-05	2.69E-05	1.1E-06	2.5E-08	8.1E-09	3E-05
5111	479363.09, 3864377.25	0.01371	0.01293	0.01308	0.01362	0.01324	2.58E-05	1.1E-06	2.7E-08	1.5E-08	2.69E-05	3.16E-05	1.39E-06	2.67E-08	8.28E-09	3.30E-05	2.78E-05	1.1E-06	2.6E-08	8.6E-09	3E-05
5112	479863.09, 3864377.25	0.01424	0.01301	0.01361	0.01427	0.01392	2.68E-05	1.1E-06	2.8E-08	1.6E-08	2.79E-05	3.28E-05	1.40E-06	2.80E-08	8.71E-09	3.42E-05	2.89E-05	1.1E-06	2.7E-08	9E-09	3E-05
5113	480363.09, 3864377.25	0.01475	0.01311	0.01409	0.01487	0.01464	2.77E-05	1.2E-06	3E-08	1.6E-08	2.89E-05	3.40E-05	1.41E-06	2.91E-08	9.16E-09	3.54E-05	2.99E-05	1.1E-06	2.8E-08	9.5E-09	3E-05
5114	480863.09, 3864377.25	0.01509	0.0135	0.01438	0.01513	0.01526	2.84E-05	1.2E-06	3E-08	1.7E-08	2.96E-05	3.47E-05	1.45E-06	2.96E-08	9.54E-09	3.62E-05	3.06E-05	1.1E-06	2.9E-08	9.9E-09	3E-05
5115	481363.09, 3864377.25	0.01549	0.01447	0.01478	0.01536	0.01575	2.91E-05	1.3E-06	3E-08	1.8E-08	3.04E-05	3.57E-05	1.56E-06	3.01E-08	9.85E-09	3.73E-05	3.15E-05	1.2E-06	2.9E-08	1E-08	3E-05
5116	481863.09, 3864377.25	0.01597	0.01522	0.01526	0.01576	0.01621	3.00E-05	1.3E-06	3.1E-08	1.8E-08	3.14E-05	3.68E-05	1.64E-06	3.09E-08	1.01E-08	3.85E-05	3.24E-05	1.3E-06	3E-08	1E-08	3E-05

5117	482363.09, 3864377.25	0.01637	0.0155	0.01564	0.01619	0.01679	3.08E-05	1.4E-06	3.2E-08	1.9E-08	3.22E-05	3.77E-05	1.67E-06	3.17E-08	1.05E-08	3.94E-05	3.32E-05	1.3E-06	3.1E-08	1.1E-08	3E-05
5118	482863.09, 3864377.25	0.01665	0.01593	0.01585	0.01635	0.0173	3.13E-05	1.4E-06	3.2E-08	1.9E-08	3.27E-05	3.83E-05	1.71E-06	3.20E-08	1.08E-08	4.01E-05	3.38E-05	1.3E-06	3.1E-08	1.1E-08	4E-05
5119	483363.09, 3864377.25	0.01684	0.01645	0.01599	0.01637	0.01758	3.16E-05	1.4E-06	3.2E-08	2E-08	3.31E-05	3.88E-05	1.77E-06	3.21E-08	1.10E-08	4.06E-05	3.42E-05	1.4E-06	3.1E-08	1.1E-08	4E-05
5120	483863.09, 3864377.25	0.01699	0.01626	0.016	0.01645	0.01781	3.19E-05	1.4E-06	3.3E-08	2E-08	3.34E-05	3.91E-05	1.75E-06	3.22E-08	1.11E-08	4.09E-05	3.45E-05	1.3E-06	3.1E-08	1.2E-08	4E-05
5121	484363.09, 3864377.25	0.01707	0.01513	0.01583	0.01663	0.01789	3.21E-05	1.3E-06	3.3E-08	2E-08	3.35E-05	3.93E-05	1.63E-06	3.26E-08	1.12E-08	4.10E-05	3.47E-05	1.3E-06	3.2E-08	1.2E-08	4E-05
5122	484863.09, 3864377.25	0.01698	0.01476	0.01546	0.01653	0.01772	3.19E-05	1.3E-06	3.3E-08	2E-08	3.33E-05	3.91E-05	1.59E-06	3.24E-08	1.11E-08	4.07E-05	3.45E-05	1.2E-06	3.1E-08	1.1E-08	4E-05
5123	485363.09, 3864377.25	0.01686	0.01561	0.01521	0.0161	0.01736	3.17E-05	1.4E-06	3.2E-08	1.9E-08	3.31E-05	3.88E-05	1.68E-06	3.15E-08	1.09E-08	4.05E-05	3.42E-05	1.3E-06	3.1E-08	1.1E-08	4E-05
5124	485863.09, 3864377.25	0.01673	0.01543	0.01497	0.01578	0.01712	3.14E-05	1.4E-06	3.1E-08	1.9E-08	3.28E-05	3.85E-05	1.66E-06	3.09E-08	1.07E-08	4.02E-05	3.40E-05	1.3E-06	3E-08	1.1E-08	4E-05
5125	486363.09, 3864377.25	0.01656	0.01544	0.01464	0.01549	0.01674	3.11E-05	1.4E-06	3.1E-08	1.9E-08	3.25E-05	3.81E-05	1.66E-06	3.03E-08	1.05E-08	3.98E-05	3.36E-05	1.3E-06	2.9E-08	1.1E-08	3E-05
5126	486863.09, 3864377.25	0.01646	0.01571	0.01455	0.01531	0.0163	3.09E-05	1.4E-06	3E-08	1.8E-08	3.24E-05	3.79E-05	1.69E-06	3.00E-08	1.02E-08	3.96E-05	3.34E-05	1.3E-06	2.9E-08	1.1E-08	3E-05
5127	487363.09, 3864377.25	0.0164	0.01489	0.01457	0.0154	0.01631	3.08E-05	1.3E-06	3.1E-08	1.8E-08	3.22E-05	3.78E-05	1.60E-06	3.02E-08	1.02E-08	3.94E-05	3.33E-05	1.2E-06	2.9E-08	1.1E-08	3E-05
5128	487863.09, 3864377.25	0.0163	0.01397	0.01457	0.01557	0.01632	3.06E-05	1.2E-06	3.1E-08	1.8E-08	3.19E-05	3.75E-05	1.50E-06	3.05E-08	1.02E-08	3.91E-05	3.31E-05	1.2E-06	3E-08	1.1E-08	3E-05
5129	488363.09, 3864377.25	0.01623	0.01414	0.01469	0.0156	0.01637	3.05E-05	1.2E-06	3.1E-08	1.8E-08	3.18E-05	3.74E-05	1.52E-06	3.06E-08	1.02E-08	3.89E-05	3.30E-05	1.2E-06	3E-08	1.1E-08	3E-05
5130	488863.09, 3864377.25	0.01616	0.01497	0.01487	0.01542	0.01667	3.04E-05	1.3E-06	3.1E-08	1.9E-08	3.17E-05	3.72E-05	1.61E-06	3.02E-08	1.04E-08	3.89E-05	3.28E-05	1.2E-06	2.9E-08	1.1E-08	3E-05
5131	489363.09, 3864377.25	0.01597	0.01546	0.01482	0.015	0.01668	3.00E-05	1.4E-06	3E-08	1.9E-08	3.14E-05	3.68E-05	1.66E-06	2.94E-08	1.04E-08	3.85E-05	3.24E-05	1.3E-06	2.9E-08	1.1E-08	3E-05
5132	489863.09, 3864377.25	0.01585	0.01528	0.01475	0.01481	0.01643	2.98E-05	1.3E-06	2.9E-08	1.8E-08	3.12E-05	3.65E-05	1.64E-06	2.90E-08	1.03E-08	3.82E-05	3.22E-05	1.3E-06	2.8E-08	1.1E-08	3E-05
5133	490363.09, 3864377.25	0.01582	0.01492	0.0149	0.01495	0.01647	2.97E-05	1.3E-06	3E-08	1.8E-08	3.11E-05	3.64E-05	1.60E-06	2.93E-08	1.03E-08	3.81E-05	3.21E-05	1.2E-06	2.8E-08	1.1E-08	3E-05
5134	490863.09, 3864377.25	0.01599	0.0151	0.01531	0.01525	0.01692	3.00E-05	1.3E-06	3E-08	1.9E-08	3.14E-05	3.68E-05	1.62E-06	2.99E-08	1.06E-08	3.85E-05	3.25E-05	1.2E-06	2.9E-08	1.1E-08	3E-05
5135	491363.09, 3864377.25	0.01676	0.01646	0.0163	0.01592	0.01757	3.15E-05	1.4E-06	3.2E-08	2E-08	3.30E-05	3.86E-05	1.77E-06	3.12E-08	1.10E-08	4.04E-05	3.40E-05	1.4E-06	3E-08	1.1E-08	4E-05
5136	491863.09, 3864377.25	0.01208	0.0126	0.01275	0.01256	0.00788	2.27E-05	1.1E-06	2.5E-08	8.8E-09	2.38E-05	2.78E-05	1.35E-06	2.46E-08	4.93E-09	2.92E-05	2.45E-05	1E-06	2.4E-08	5.1E-09	3E-05
5137	492363.09, 3864377.25	0.01659	0.01647	0.01677	0.0165	0.01519	3.12E-05	1.4E-06	3.3E-08	1.7E-08	3.27E-05	3.82E-05	1.77E-06	3.23E-08	9.50E-09	4.00E-05	3.37E-05	1.4E-06	3.1E-08	9.8E-09	4E-05
5138	492863.09, 3864377.25	0.01413	0.01441	0.01496	0.01477	0.01074	2.66E-05	1.3E-06	2.9E-08	1.2E-08	2.79E-05	3.25E-05	1.55E-06	2.89E-08	6.72E-09	3.41E-05	2.87E-05	1.2E-06	2.8E-08	6.9E-09	3E-05
5139	493363.09, 3864377.25	0.01595	0.01638	0.01616	0.01551	0.01421	3.00E-05	1.4E-06	3.1E-08	1.6E-08	3.15E-05	3.67E-05	1.76E-06	3.04E-08	8.89E-09	3.85E-05	3.24E-05	1.4E-06	3E-08	9.2E-09	3E-05
5140	493863.09, 3864377.25	0.01688	0.01708	0.01712	0.01626	0.016	3.17E-05	1.5E-06	3.2E-08	1.8E-08	3.33E-05	3.89E-05	1.84E-06	3.19E-08	1.00E-08	4.07E-05	3.43E-05	1.4E-06	3.1E-08	1E-08	4E-05
5141	494363.09, 3864377.25	0.01752	0.01796	0.01789	0.01675	0.0189	3.29E-05	1.6E-06	3.3E-08	2.1E-08	3.46E-05	4.03E-05	1.93E-06	3.28E-08	1.18E-08	4.23E-05	3.56E-05	1.5E-06	3.2E-08	1.2E-08	4E-05
5142	494863.09, 3864377.25	0.01745	0.01803	0.01793	0.0168	0.01958	3.28E-05	1.6E-06	3.3E-08	2.2E-08	3.44E-05	4.02E-05	1.94E-06	3.29E-08	1.22E-08	4.22E-05	3.54E-05	1.5E-06	3.2E-08	1.3E-08	4E-05
5143	495363.09, 3864377.25	0.01686	0.01746	0.01735	0.01629	0.01881	3.17E-05	1.5E-06	3.2E-08	2.1E-08	3.33E-05	3.88E-05	1.88E-06	3.19E-08	1.18E-08	4.07E-05	3.42E-05	1.4E-06	3.1E-08	1.2E-08	4E-05
5144	495863.09, 3864377.25	0.01615	0.01666	0.01655	0.01552	0.01756	3.03E-05	1.5E-06	3.1E-08	2E-08	3.19E-05	3.72E-05	1.79E-06	3.04E-08	1.10E-08	3.90E-05	3.28E-05	1.4E-06	3E-08	1.1E-08	3E-05
5145	496363.09, 3864377.25	0.01557	0.01601	0.0159	0.01485	0.01696	2.93E-05	1.4E-06	2.9E-08	1.9E-08	3.07E-05	3.59E-05	1.72E-06	2.91E-08	1.06E-08	3.76E-05	3.16E-05	1.3E-06	2.8E-08	1.1E-08	3E-05
5146	496863.09, 3864377.25	0.01521	0.01568	0.01558	0.01448	0.01672	2.86E-05	1.4E-06	2.9E-08	1.9E-08	3.00E-05	3.50E-05	1.69E-06	2.84E-08	1.05E-08	3.68E-05	3.09E-05	1.3E-06	2.8E-08	1.1E-08	3E-05
5147	497363.09, 3864377.25	0.01492	0.01546	0.01534	0.01423	0.01669	2.80E-05	1.4E-06	2.8E-08	1.9E-08	2.94E-05	3.44E-05	1.66E-06	2.79E-08	1.04E-08	3.61E-05	3.03E-05	1.3E-06	2.7E-08	1.1E-08	3E-05
5148	497863.09, 3864377.25	0.01494	0.01556	0.01544	0.01422	0.01677	2.81E-05	1.4E-06	2.8E-08	1.9E-08	2.95E-05	3.44E-05	1.67E-06	2.79E-08	1.05E-08	3.61E-05	3.03E-05	1.3E-06	2.7E-08	1.1E-08	3E-05
5149	498363.09, 3864377.25	0.01473	0.01539	0.01525	0.01391	0.01672	2.77E-05	1.4E-06	2.8E-08	1.9E-08	2.91E-05	3.39E-05	1.65E-06	2.72E-08	1.05E-08	3.56E-05	2.99E-05	1.3E-06	2.6E-08	1.1E-08	3E-05
5150	471363.09, 3864877.25	0.00779	0.00803	0.00768	0.00772	0.00764	1.46E-05	7E-07	1.5E-08	8.5E-09	1.54E-05	1.79E-05	8.63E-07	1.51E-08	4.78E-09	1.88E-05	1.58E-05	6.6E-07	1.5E-08	4.9E-09	2E-05
5151	471863.09, 3864877.25	0.00798	0.00845	0.00786	0.00785	0.00787	1.50E-05	7.4E-07	1.6E-08	8.8E-09	1.58E-05	1.84E-05	9.08E-07	1.54E-08	4.92E-09	1.93E-05	1.62E-05	7E-07	1.5E-08	5.1E-09	2E-05
5152	472363.09, 3864877.25	0.00817	0.00874	0.00803	0.00798	0.00811	1.54E-05	7.7E-07	1.6E-08	9.1E-09	1.61E-05	1.88E-05	9.40E-07	1.56E-08	5.07E-09	1.98E-05	1.66E-05	7.2E-07	1.5E-08	5.2E-09	2E-05
5153	472863.09, 3864877.25	0.00836	0.00882	0.00817	0.00812	0.00834	1.57E-05	7.7E-07	1.6E-08	9.3E-09	1.65E-05	1.93E-05	9.48E-07	1.59E-08	5.22E-09	2.02E-05	1.70E-05	7.3E-07	1.5E-08	5.4E-09	2E-05
5154	473363.09, 3864877.25	0.00854	0.00865	0.00825	0.00825	0.00855	1.60E-05	7.6E-07	1.6E-08	9.6E-09	1.68E-05	1.97E-05	9.30E-07	1.62E-08	5.35E-09	2.06E-05	1.73E-05	7.2E-07	1.6E-08	5.5E-09	2E-05
5155	473863.09, 3864877.25	0.00875	0.0084	0.00833	0.00841	0.00872	1.64E-05	7.4E-07	1.7E-08	9.7E-09	1.72E-05	2.01E-05	9.03E-07	1.65E-08	5.45E-09	2.11E-05	1.78E-05	6.9E-07	1.6E-08	5.6E-09	2E-05
5156	474363.09, 3864877.25	0.00899	0.00827	0.00843	0.00862	0.00884	1.69E-05	7.3E-07	1.7E-08	9.9E-09	1.76E-05	2.07E-05	8.89E-07	1.69E-08	5.53E-09	2.16E-05	1.83E-05	6.8E-07	1.6E-08	5.7E-09	2E-05
5157	474863.09, 3864877.25	0.00926	0.00837	0.00858	0.00887	0.00892	1.74E-05	7.3E-07	1.8E-08	1E-08	1.82E-05	2.13E-05	9.00E-07	1.74E-08	5.58E-09	2.22E-05	1.88E-05	6.9E-07	1.7E-08	5.8E-09	2E-05
5158	475363.09, 3864877.25	0.00957	0.00876	0.00882	0.00918	0.00902	1.80E-05	7.7E-07	1.8E-08	1E-08	1.88E-05	2.20E-05	9.42E-07	1.80E-08	5.64E-09	2.30E-05	1.94E-05	7.2E-07	1.7E-08	5.8E-09	2E-05
5159	475863.09, 3864877.25	0.00991	0.0093	0.00914	0.00953	0.00919	1.86E-05	8.2E-07	1.9E-08	1E-08	1.95E-05	2.28E-05	1.00E-06	1.87E-08	5.75E-09	2.38E-05	2.01E-05	7.7E-07	1.8E-08	5.9E-09	2E-05
5160	476363.09, 3864877.25	0.0103	0.00981	0.00954	0.00996	0.0095	1.94E-05	8.6E-07	2E-08	1.1E-08	2.02E-05	2.37E-05	1.05E-06	1.95E-08	5.94E-09	2.48E-05	2.09E-05	8.1E-07	1.9E-08	6.1E-09	2E-05
5161	476863.09, 3864877.25	0.01074	0.01017	0.00999	0.01045	0.00994	2.02E-05	8.9E-07	2.1E-08	1.1E-08	2.11E-05	2.47E-05	1.09E-06	2.05E-08	6.22E-09	2.59E-05	2.18E-05	8.4E-07	2E-08	6.4E-09	2E-05
5162	477363.09, 3864877.25	0.0111	0.01044	0.01037	0.01082	0.01045	2.09E-05	9.2E-07	2.1E-08	1.2E-08	2.18E-05	2.56E-05	1.12E-06	2.12E-08	6.54E-09	2.67E-05	2.25E-05	8.6E-07	2.1E-08	6.8E-09	2E-05
5163	477863.09, 3864877.25	0.0115	0.01091	0.01078	0.01122	0.01092	2.16E-05	9.6E-07	2.2E-08	1.2E-08	2.26E-05	2.65E-05	1.17E-06	2.20E-08	6.83E-09	2.77E-05	2.33E-05	9E-07	2.1E-08	7.1E-09	2E-05
5164	478363.09, 3864877.25	0.01191	0.01136	0.01123	0.01169	0.01136	2.24E-05	1E-06	2.3E-08	1.3E-08	2.34E-05	2.74E-05	1.22E-06	2.29E-08	7.11E-09	2.87E-05	2.42E-05	9.4E-07	2.2E-08	7.3E-09	3E-05
5165	478863.09, 3864877.25	0.01234	0.01161	0.0117	0.01222	0.01186	2.32E-05	1E-06	2.4E-08	1.3E-08	2.42E-05	2.84E-05	1.25E-06	2.39E-08	7.42E-09	2.97E-05	2.51E-05	9.6E-07	2.3E-08	7.7E-09	3E-05
5166	479363.09, 3864877.25	0.01278	0.0118	0.01217	0.01278	0.01242	2.40E-05	1E-06	2.5E-08	1.4E-08	2.51E-05	2.94E-05	1.27E-06	2.50E-08	7.77E-09	3.07E-05	2.59E-05	9.8E-07	2.4E-08	8E-09	3E-05
5167	479863.09, 3864877.25	0.01321	0.01197	0.0126	0.01329	0.01302	2.48E-05	1.1E-06	2.6E-08	1.5E-08	2.59E-05	3.04E-05	1.29E-06	2.60E-08	8.14E-09	3.17E-05	2.68E-05	9.9E-07	2.5E-08	8.4E-09	3E-05
5168	480363.09, 3864877.25	0.01363	0.01224	0.013	0.01372	0.01365	2.56E-05	1.1E-06	2.7E-08	1.5E-08	2.67E-05	3.14E-05	1.32E-06	2.69E-08	8.54E-09	3.27E-05	2.77E-05	1E-06	2.6E-08	8.8E-09	3E-05
5169	480863.09, 3864877.25	0.01392	0.01269	0.01326	0.01387	0.01415	2.62E-05	1.1E-06	2.8E-08	1.6E-08	2.73E-05	3.21E-05	1.36E-06	2.72E-08	8.85E-09	3.35E-05	2.83E-05	1E-06	2.6E-08	9.1E-09	3E-05
5170	481363.09, 3864877.25	0.01427	0.01334	0.01358	0.01408	0.01452	2.68E-05	1.2E-06	2.8E-08	1.6E-08	2.80E-05	3.29E-05	1.43E-06	2.76E-08	9.08E-09	3.43E-05	2.90E-05	1.1E-06	2.7E-08	9.4E-09	3E-05
5171	481863.09, 3864877.25	0.0146	0.01386	0.0139	0.0144	0.01487	2.74E-05	1.2E-06	2.9E-08	1.7E-08	2.87E-05	3.36E-05	1.49E-06	2.82E-08	9.30E-09	3.51E-05	2.96E-05	1.1E-06	2.7E-08	9.6E-09	3E-05
5172	482363.09, 3864877.25	0.01492	0.01428	0.01418	0.0147	0.0153	2.80E-05	1.3E-06	2.9E-08	1.7E-08	2.93E-05	3.44E-05	1.54E-06	2.88E-08	9.57E-09	3.59E-05	3.03E-05	1.2E-06	2.8E-08	9.9E-09	3E-05
5173	482863.09, 3864877.25	0.01516	0.01463	0.01438	0.0148	0.0157	2.85E-05	1.3E-06	2.9E-08	1.8E-08	2.98E-05	3.49E-05	1.57E-06	2.90E-08	9.82E-09	3.65E-05	3.08E-05	1.2E-06	2.8E-08	1E-08	3E-05
5174	483363.09, 3864877.25	0.01532	0.01487	0.01446	0.01483	0.01593	2.88E-05	1.3E-06	2.9E-08	1.8E-08	3.01E-05	3.53E-05	1.60E-06	2.91E-08	9.96E-09	3.69E-05	3.11E-05	1.2E-06	2.8E-08	1E-08	3E-05
5175	483863.09, 3864877.25	0.01538	0.01429	0.01437	0.01491	0.01603	2.89E-05	1.3E-06	3E-08	1.8E-08	3.02E-05	3.54E-05	1.54E-06	2.92E-08	1.00E-08	3.70E-05	3.12E-05	1.2E-06	2.8E-08	1E-08	3E-05
5176	484363.09, 3864877.25	0.01545	0.01345	0.01421	0.01511	0.01601	2.90E-05	1.2E-06	3E-08	1.8E-08	3.03E-05	3.56E-05	1.45E-06	2.96E-08	1.00E-08	3.71E-05	3.14E-05	1.1E-06	2.9E-08	1E-08	3E-05
5177	484863.09, 3864877.25	0.0154	0.01362	0.01398	0.01501	0.01586	2.89E-05	1.2E-06	3E-08	1.8E-08	3.02E-05	3.55E-05	1.46E-06	2.94E-08	9.92E-09	3.70E-05	3.13E-05	1.1E-06	2.9E-08	1E-08	3E-05
5178	485363.09, 3864877.25	0.01532	0.01416	0.01383	0.01468	0.01568	2.88E-05	1.2E-06	2.9E-08	1.8E-08	3.01E-05	3.53E-05	1.52E-06	2.88E-08	9.81E-09	3.68E-05	3.11E-05	1.2E-06	2.8E-08	1E-08	3E-05
5179	485863.09, 3864877.25	0.01513	0.01374	0.0135	0.01435	0.01544	2.84E-05	1.2E-06	2.8E-08	1.7E-08	2.97E-05	3.48E-05	1.48E-06	2.81E-08	9.66E-09	3.64E-05	3.07E-05	1.1E-06	2.7E-08	1E-08	3E-05
5180	486363.09, 3864877.25	0.01497	0.01386	0.01317	0.01405	0.01497	2.81E-05	1.2E-06	2.8E-08	1.7E-08	2.94E-05	3.45E-05	1.49E-06	2.75E-08	9.36E-09	3.60E-05	3.04E-05	1.1E-06	2.7E-08	9.7E-09	3E-05

5181	486863.09, 3864877.25	0.01489	0.01415	0.0131	0.01388	0.01458	2.80E-05	1.2E-06	2.8E-08	1.6E-08	2.93E-05	3.43E-05	1.52E-06	2.72E-08	9.12E-09	3.58E-05	3.02E-05	1.2E-06	2.6E-08	9.4E-09	3E-05
5182	487363.09, 3864877.25	0.01481	0.01352	0.01311	0.01393	0.01455	2.78E-05	1.2E-06	2.8E-08	1.6E-08	2.91E-05	3.41E-05	1.45E-06	2.73E-08	9.10E-09	3.56E-05	3.01E-05	1.1E-06	2.6E-08	9.4E-09	3E-05
5183	487863.09, 3864877.25	0.01476	0.01269	0.01314	0.01414	0.01459	2.77E-05	1.1E-06	2.8E-08	1.6E-08	2.89E-05	3.40E-05	1.36E-06	2.77E-08	9.13E-09	3.54E-05	3.00E-05	1E-06	2.7E-08	9.4E-09	3E-05
5184	488363.09, 3864877.25	0.01477	0.01277	0.01333	0.01426	0.01471	2.78E-05	1.1E-06	2.8E-08	1.6E-08	2.89E-05	3.40E-05	1.37E-06	2.79E-08	9.20E-09	3.54E-05	3.00E-05	1.1E-06	2.7E-08	9.5E-09	3E-05
5185	488863.09, 3864877.25	0.01472	0.01338	0.01351	0.01417	0.01501	2.77E-05	1.2E-06	2.8E-08	1.7E-08	2.89E-05	3.39E-05	1.44E-06	2.78E-08	9.39E-09	3.54E-05	2.99E-05	1.1E-06	2.7E-08	9.7E-09	3E-05
5186	489363.09, 3864877.25	0.01458	0.01391	0.01349	0.01382	0.0151	2.74E-05	1.2E-06	2.7E-08	1.7E-08	2.87E-05	3.36E-05	1.50E-06	2.71E-08	9.44E-09	3.51E-05	2.96E-05	1.2E-06	2.6E-08	9.8E-09	3E-05
5187	489863.09, 3864877.25	0.01441	0.01388	0.01335	0.01352	0.01484	2.71E-05	1.2E-06	2.7E-08	1.7E-08	2.83E-05	3.32E-05	1.49E-06	2.65E-08	9.28E-09	3.47E-05	2.93E-05	1.1E-06	2.6E-08	9.6E-09	3E-05
5188	490363.09, 3864877.25	0.01437	0.01369	0.01343	0.01354	0.01469	2.70E-05	1.2E-06	2.7E-08	1.6E-08	2.82E-05	3.31E-05	1.47E-06	2.65E-08	9.19E-09	3.46E-05	2.92E-05	1.1E-06	2.6E-08	9.5E-09	3E-05
5189	490863.09, 3864877.25	0.01511	0.01436	0.0146	0.0146	0.01486	2.84E-05	1.3E-06	2.9E-08	1.7E-08	2.97E-05	3.48E-05	1.54E-06	2.86E-08	9.29E-09	3.64E-05	3.07E-05	1.2E-06	2.8E-08	9.6E-09	3E-05
5190	491363.09, 3864877.25	0.01513	0.01454	0.01466	0.01451	0.01562	2.84E-05	1.3E-06	2.9E-08	1.7E-08	2.98E-05	3.48E-05	1.56E-06	2.84E-08	9.77E-09	3.64E-05	3.07E-05	1.2E-06	2.8E-08	1E-08	3E-05
5191	491863.09, 3864877.25	0.01541	0.01535	0.01518	0.01476	0.01512	2.90E-05	1.3E-06	2.9E-08	1.7E-08	3.04E-05	3.55E-05	1.65E-06	2.89E-08	9.46E-09	3.72E-05	3.13E-05	1.3E-06	2.8E-08	9.8E-09	3E-05
5192	492363.09, 3864877.25	0.00752	0.00739	0.00762	0.00793	0.00465	1.41E-05	6.5E-07	1.6E-08	5.2E-09	1.48E-05	1.73E-05	7.94E-07	1.55E-08	2.91E-09	1.81E-05	1.53E-05	6.1E-07	1.5E-08	3E-09	2E-05
5193	492863.09, 3864877.25	0.01029	0.0102	0.0108	0.01098	0.00676	1.93E-05	8.9E-07	2.2E-08	7.6E-09	2.03E-05	2.37E-05	1.10E-06	2.15E-08	4.23E-09	2.48E-05	2.09E-05	8.4E-07	2.1E-08	4.4E-09	2E-05
5194	493363.09, 3864877.25	0.00979	0.00976	0.01029	0.01042	0.0067	1.84E-05	8.6E-07	2.1E-08	7.5E-09	1.93E-05	2.25E-05	1.05E-06	2.04E-08	4.19E-09	2.36E-05	1.99E-05	8.1E-07	2E-08	4.3E-09	2E-05
5195	493863.09, 3864877.25	0.0146	0.01484	0.01466	0.01412	0.01322	2.74E-05	1.3E-06	2.8E-08	1.5E-08	2.88E-05	3.36E-05	1.60E-06	2.77E-08	8.27E-09	3.53E-05	2.96E-05	1.2E-06	2.7E-08	8.5E-09	3E-05
5196	494363.09, 3864877.25	0.01534	0.01553	0.01566	0.01474	0.01478	2.88E-05	1.4E-06	2.9E-08	1.7E-08	3.02E-05	3.53E-05	1.67E-06	2.89E-08	9.24E-09	3.70E-05	3.11E-05	1.3E-06	2.8E-08	9.5E-09	3E-05
5197	494863.09, 3864877.25	0.01582	0.01619	0.01615	0.01517	0.01704	2.97E-05	1.4E-06	3E-08	1.9E-08	3.12E-05	3.64E-05	1.74E-06	2.97E-08	1.07E-08	3.82E-05	3.21E-05	1.3E-06	2.9E-08	1.1E-08	3E-05
5198	495363.09, 3864877.25	0.01581	0.01633	0.01626	0.01526	0.01763	2.97E-05	1.4E-06	3E-08	2E-08	3.12E-05	3.64E-05	1.76E-06	2.99E-08	1.10E-08	3.82E-05	3.21E-05	1.4E-06	2.9E-08	1.1E-08	3E-05
5199	495863.09, 3864877.25	0.01526	0.01581	0.01572	0.0148	0.01699	2.87E-05	1.4E-06	2.9E-08	1.9E-08	3.01E-05	3.51E-05	1.70E-06	2.90E-08	1.06E-08	3.69E-05	3.10E-05	1.3E-06	2.8E-08	1.1E-08	3E-05
5200	496363.09, 3864877.25	0.01473	0.01521	0.01513	0.01424	0.01597	2.77E-05	1.3E-06	2.8E-08	1.8E-08	2.91E-05	3.39E-05	1.64E-06	2.79E-08	9.99E-09	3.56E-05	2.99E-05	1.3E-06	2.7E-08	1E-08	3E-05
5201	496863.09, 3864877.25	0.01421	0.01461	0.01454	0.01363	0.01512	2.67E-05	1.3E-06	2.7E-08	1.7E-08	2.80E-05	3.27E-05	1.57E-06	2.67E-08	9.46E-09	3.43E-05	2.89E-05	1.2E-06	2.6E-08	9.8E-09	3E-05
5202	497363.09, 3864877.25	0.01383	0.01423	0.01416	0.01322	0.01504	2.60E-05	1.2E-06	2.6E-08	1.7E-08	2.73E-05	3.18E-05	1.53E-06	2.59E-08	9.41E-09	3.34E-05	2.81E-05	1.2E-06	2.5E-08	9.7E-09	3E-05
5203	497863.09, 3864877.25	0.01365	0.01413	0.01405	0.01307	0.01503	2.57E-05	1.2E-06	2.6E-08	1.7E-08	2.69E-05	3.14E-05	1.52E-06	2.56E-08	9.40E-09	3.30E-05	2.77E-05	1.2E-06	2.5E-08	9.7E-09	3E-05
5204	498363.09, 3864877.25	0.01347	0.01401	0.01392	0.0129	0.01505	2.53E-05	1.2E-06	2.6E-08	1.7E-08	2.66E-05	3.10E-05	1.51E-06	2.53E-08	9.41E-09	3.26E-05	2.73E-05	1.2E-06	2.5E-08	9.7E-09	3E-05
5205	471363.09, 3865377.25	0.00738	0.0079	0.00725	0.00721	0.00735	1.39E-05	6.9E-07	1.4E-08	8.2E-09	1.46E-05	1.70E-05	8.49E-07	1.41E-08	4.60E-09	1.79E-05	1.50E-05	6.5E-07	1.4E-08	4.7E-09	2E-05
5206	471863.09, 3865377.25	0.00755	0.00802	0.00739	0.00733	0.00754	1.42E-05	7E-07	1.5E-08	8.4E-09	1.49E-05	1.74E-05	8.62E-07	1.44E-08	4.72E-09	1.83E-05	1.53E-05	6.6E-07	1.4E-08	4.9E-09	2E-05
5207	472363.09, 3865377.25	0.00772	0.00794	0.00748	0.00746	0.00771	1.45E-05	7E-07	1.5E-08	8.6E-09	1.52E-05	1.78E-05	8.54E-07	1.46E-08	4.82E-09	1.87E-05	1.57E-05	6.6E-07	1.4E-08	5E-09	2E-05
5208	472863.09, 3865377.25	0.00791	0.00774	0.00757	0.00763	0.00785	1.49E-05	6.8E-07	1.5E-08	8.8E-09	1.56E-05	1.82E-05	8.32E-07	1.49E-08	4.91E-09	1.91E-05	1.61E-05	6.4E-07	1.5E-08	5.1E-09	2E-05
5209	473363.09, 3865377.25	0.00807	0.00748	0.0076	0.00776	0.00796	1.52E-05	6.6E-07	1.5E-08	8.9E-09	1.58E-05	1.86E-05	8.04E-07	1.52E-08	4.98E-09	1.94E-05	1.64E-05	6.2E-07	1.5E-08	5.1E-09	2E-05
5210	473863.09, 3865377.25	0.00827	0.0074	0.00767	0.00794	0.00803	1.55E-05	6.5E-07	1.6E-08	9E-09	1.62E-05	1.90E-05	7.96E-07	1.56E-08	5.02E-09	1.99E-05	1.68E-05	6.1E-07	1.5E-08	5.2E-09	2E-05
5211	474363.09, 3865377.25	0.0085	0.00758	0.00781	0.00817	0.00809	1.60E-05	6.6E-07	1.6E-08	9E-09	1.67E-05	1.96E-05	8.15E-07	1.60E-08	5.06E-09	2.04E-05	1.73E-05	6.3E-07	1.6E-08	5.2E-09	2E-05
5212	474863.09, 3865377.25	0.00878	0.00802	0.00805	0.00845	0.00819	1.65E-05	7E-07	1.7E-08	9.2E-09	1.72E-05	2.02E-05	8.62E-07	1.66E-08	5.12E-09	2.11E-05	1.78E-05	6.6E-07	1.6E-08	5.3E-09	2E-05
5213	475363.09, 3865377.25	0.00906	0.00855	0.00834	0.00873	0.00837	1.70E-05	7.5E-07	1.7E-08	9.4E-09	1.78E-05	2.09E-05	9.19E-07	1.71E-08	5.23E-09	2.18E-05	1.84E-05	7.1E-07	1.7E-08	5.4E-09	2E-05
5214	475863.09, 3865377.25	0.0094	0.00902	0.00871	0.0091	0.00867	1.77E-05	7.9E-07	1.8E-08	9.7E-09	1.85E-05	2.16E-05	9.70E-07	1.78E-08	5.42E-09	2.26E-05	1.91E-05	7.5E-07	1.7E-08	5.6E-09	2E-05
5215	476363.09, 3865377.25	0.00988	0.00944	0.00922	0.00963	0.00904	1.86E-05	8.3E-07	1.9E-08	1E-08	1.94E-05	2.28E-05	1.01E-06	1.89E-08	5.65E-09	2.38E-05	2.01E-05	7.8E-07	1.8E-08	5.8E-09	2E-05
5216	476863.09, 3865377.25	0.01024	0.00974	0.00969	0.01008	0.00913	1.92E-05	8.5E-07	2E-08	1E-08	2.01E-05	2.36E-05	1.05E-06	1.97E-08	5.71E-09	2.47E-05	2.08E-05	8.1E-07	1.9E-08	5.9E-09	2E-05
5217	477363.09, 3865377.25	0.01057	0.00998	0.00991	0.01034	0.00995	1.99E-05	8.8E-07	2.1E-08	1.1E-08	2.08E-05	2.43E-05	1.07E-06	2.03E-08	6.22E-09	2.54E-05	2.15E-05	8.3E-07	2E-08	6.4E-09	2E-05
5218	477863.09, 3865377.25	0.01084	0.01024	0.01017	0.01061	0.0103	2.04E-05	9E-07	2.1E-08	1.2E-08	2.13E-05	2.50E-05	1.10E-06	2.08E-08	6.44E-09	2.61E-05	2.20E-05	8.5E-07	2E-08	6.7E-09	2E-05
5219	478363.09, 3865377.25	0.01123	0.01051	0.01058	0.01109	0.0107	2.11E-05	9.2E-07	2.2E-08	1.2E-08	2.21E-05	2.59E-05	1.13E-06	2.17E-08	6.69E-09	2.70E-05	2.28E-05	8.7E-07	2.1E-08	6.9E-09	2E-05
5220	478863.09, 3865377.25	0.01158	0.01072	0.01097	0.01154	0.01116	2.18E-05	9.4E-07	2.3E-08	1.2E-08	2.27E-05	2.67E-05	1.15E-06	2.26E-08	6.98E-09	2.78E-05	2.35E-05	8.9E-07	2.2E-08	7.2E-09	2E-05
5221	479363.09, 3865377.25	0.01195	0.011	0.01137	0.012	0.01167	2.25E-05	9.6E-07	2.4E-08	1.3E-08	2.35E-05	2.75E-05	1.18E-06	2.35E-08	7.30E-09	2.87E-05	2.43E-05	9.1E-07	2.3E-08	7.5E-09	3E-05
5222	479863.09, 3865377.25	0.01234	0.01126	0.01177	0.01243	0.01224	2.32E-05	9.9E-07	2.5E-08	1.4E-08	2.42E-05	2.84E-05	1.21E-06	2.43E-08	7.66E-09	2.97E-05	2.51E-05	9.3E-07	2.4E-08	7.9E-09	3E-05
5223	480363.09, 3865377.25	0.01259	0.01141	0.012	0.01261	0.01275	2.37E-05	1E-06	2.5E-08	1.4E-08	2.47E-05	2.90E-05	1.23E-06	2.47E-08	7.97E-09	3.03E-05	2.56E-05	9.4E-07	2.4E-08	8.2E-09	3E-05
5224	480863.09, 3865377.25	0.01284	0.01172	0.01221	0.01272	0.01313	2.41E-05	1E-06	2.5E-08	1.5E-08	2.52E-05	2.96E-05	1.26E-06	2.49E-08	8.21E-09	3.09E-05	2.61E-05	9.7E-07	2.4E-08	8.5E-09	3E-05
5225	481363.09, 3865377.25	0.01315	0.01226	0.01247	0.01295	0.01338	2.47E-05	1.1E-06	2.6E-08	1.5E-08	2.58E-05	3.03E-05	1.32E-06	2.54E-08	8.37E-09	3.16E-05	2.67E-05	1E-06	2.5E-08	8.6E-09	3E-05
5226	481863.09, 3865377.25	0.01343	0.01288	0.01273	0.01322	0.01363	2.52E-05	1.1E-06	2.6E-08	1.5E-08	2.64E-05	3.09E-05	1.38E-06	2.59E-08	8.52E-09	3.23E-05	2.73E-05	1.1E-06	2.5E-08	8.8E-09	3E-05
5227	482363.09, 3865377.25	0.01368	0.01321	0.01296	0.01342	0.01399	2.57E-05	1.2E-06	2.7E-08	1.6E-08	2.69E-05	3.15E-05	1.42E-06	2.63E-08	8.75E-09	3.30E-05	2.78E-05	1.1E-06	2.6E-08	9E-09	3E-05
5228	482863.09, 3865377.25	0.01385	0.01337	0.01307	0.01345	0.01432	2.60E-05	1.2E-06	2.7E-08	1.6E-08	2.72E-05	3.19E-05	1.44E-06	2.63E-08	8.96E-09	3.34E-05	2.81E-05	1.1E-06	2.6E-08	9.3E-09	3E-05
5229	483363.09, 3865377.25	0.01396	0.01334	0.01309	0.01349	0.01447	2.62E-05	1.2E-06	2.7E-08	1.6E-08	2.74E-05	3.21E-05	1.43E-06	2.64E-08	9.05E-09	3.36E-05	2.83E-05	1.1E-06	2.6E-08	9.3E-09	3E-05
5230	483863.09, 3865377.25	0.01403	0.01264	0.013	0.01365	0.01448	2.64E-05	1.1E-06	2.7E-08	1.6E-08	2.75E-05	3.23E-05	1.36E-06	2.67E-08	9.06E-09	3.37E-05	2.85E-05	1E-06	2.6E-08	9.4E-09	3E-05
5231	484363.09, 3865377.25	0.0141	0.01224	0.01288	0.01383	0.01442	2.65E-05	1.1E-06	2.7E-08	1.6E-08	2.76E-05	3.25E-05	1.32E-06	2.71E-08	9.02E-09	3.38E-05	2.86E-05	1E-06	2.6E-08	9.3E-09	3E-05
5232	484863.09, 3865377.25	0.01408	0.01266	0.01277	0.01373	0.01434	2.65E-05	1.1E-06	2.7E-08	1.6E-08	2.76E-05	3.24E-05	1.36E-06	2.69E-08	8.97E-09	3.38E-05	2.86E-05	1E-06	2.6E-08	9.3E-09	3E-05
5233	485363.09, 3865377.25	0.01396	0.0128	0.01261	0.01342	0.01426	2.62E-05	1.1E-06	2.7E-08	1.6E-08	2.74E-05	3.21E-05	1.38E-06	2.63E-08	8.92E-09	3.36E-05	2.83E-05	1.1E-06	2.6E-08	9.2E-09	3E-05
5234	485863.09, 3865377.25	0.01378	0.01235	0.01224	0.01313	0.01399	2.59E-05	1.1E-06	2.6E-08	1.6E-08	2.70E-05	3.17E-05	1.33E-06	2.57E-08	8.75E-09	3.31E-05	2.80E-05	1E-06	2.5E-08	9E-09	3E-05
5235	486363.09, 3865377.25	0.01367	0.01257	0.01196	0.01286	0.0135	2.57E-05	1.1E-06	2.6E-08	1.5E-08	2.68E-05	3.15E-05	1.35E-06	2.52E-08	8.44E-09	3.29E-05	2.78E-05	1E-06	2.4E-08	8.7E-09	3E-05
5236	486863.09, 3865377.25	0.01358	0.01282	0.01187	0.01267	0.01316	2.55E-05	1.1E-06	2.5E-08	1.5E-08	2.67E-05	3.13E-05	1.38E-06	2.48E-08	8.23E-09	3.27E-05	2.76E-05	1.1E-06	2.4E-08	8.5E-09	3E-05
5237	487363.09, 3865377.25	0.0135	0.01236	0.01189	0.01271	0.0131	2.54E-05	1.1E-06	2.5E-08	1.5E-08	2.65E-05	3.11E-05	1.33E-06	2.49E-08	8.19E-09	3.24E-05	2.74E-05	1E-06	2.4E-08	8.5E-09	3E-05
5238	487863.09, 3865377.25	0.01347	0.01163	0.01194	0.01292	0.01313	2.53E-05	1E-06	2.6E-08	1.5E-08	2.64E-05	3.10E-05	1.25E-06	2.53E-08	8.21E-09	3.23E-05	2.73E-05	9.6E-07	2.5E-08	8.5E-09	3E-05
5239	488363.09, 3865377.25	0.01352	0.01163	0.01215	0.01309	0.01329	2.54E-05	1E-06	2.6E-08	1.5E-08	2.65E-05	3.11E-05	1.25E-06	2.56E-08	8.31E-09	3.24E-05	2.75E-05	9.6E-07	2.5E-08	8.6E-09	3E-05
5240	488863.09, 3865377.25	0.01351	0.0121	0.01237	0.0131	0.0136	2.54E-05	1.1E-06	2.6E-08	1.5E-08	2.65E-05	3.11E-05	1.30E-06	2.57E-08	8.51E-09	3.24E-05	2.74E-05	1E-06	2.5E-08	8.8E-09	3E-05
5241	489363.09, 3865377.25	0.01344	0.01263	0.01242	0.01286	0.01377	2.53E-05	1.1E-06	2.6E-08	1.5E-08	2.64E-05	3.09E-05	1.36E-06	2.52E-08	8.61E-09	3.23E-05	2.73E-05	1E-06	2.4E-08	8.9E-09	3E-05
5242	489863.09, 3865377.25	0.01338	0.01281	0.01236	0.01263	0.01364	2.51E-05	1.1E-06	2.5E-08	1.5E-08	2.63E-05	3.08E-05	1.38E-06	2.47E-08	8.53E-09	3.22E-05	2.72E-05	1.1E-06	2.4E-08	8.8E-09	3E-05
5243	490363.09, 3865377.25	0.01373	0.01323	0.01284	0.01299	0.01307	2.58E-05	1.2E-06	2.6E-08	1.5E-08	2.70E-05	3.16E-05	1.42E-06	2.54E-08	8.17E-09	3.31E-05	2.79E-05	1.1E-06	2.5E-08	8.4E-09	3E-05
5244	490863.09, 3865377.25	0.01369	0.0131	0.01311	0.0132	0.01302	2.57E-05	1.1E-06	2.6E-08	1.5E-08	2.69E-05	3.15E-05	1.41E-06	2.59E-08	8.14E-09	3.30E-05	2.78E-05	1.1E-06	2.5E-08	8.4E-09	3E-05

5245	491363.09, 3865377.25	0.01374	0.01318	0.01348	0.01346	0.01332	2.58E-05	1.2E-06	2.7E-08	1.5E-08	2.70E-05	3.16E-05	1.42E-06	2.64E-08	8.33E-09	3.31E-05	2.79E-05	1.1E-06	2.6E-08	8.6E-09	3E-05
5246	491863.09, 3865377.25	0.01391	0.01371	0.01374	0.01348	0.01365	2.61E-05	1.2E-06	2.7E-08	1.5E-08	2.74E-05	3.20E-05	1.47E-06	2.64E-08	8.54E-09	3.35E-05	2.82E-05	1.1E-06	2.6E-08	8.8E-09	3E-05
5247	492363.09, 3865377.25	0.01292	0.01342	0.01304	0.01272	0.0108	2.43E-05	1.2E-06	2.5E-08	1.2E-08	2.55E-05	2.98E-05	1.44E-06	2.49E-08	6.75E-09	3.12E-05	2.62E-05	1.1E-06	2.4E-08	7E-09	3E-05
5248	492863.09, 3865377.25	0.01099	0.01104	0.01138	0.01141	0.00765	2.07E-05	9.7E-07	2.3E-08	8.5E-09	2.17E-05	2.53E-05	1.19E-06	2.24E-08	4.78E-09	2.65E-05	2.23E-05	9.1E-07	2.2E-08	4.9E-09	2E-05
5249	493363.09, 3865377.25	0.00914	0.00904	0.00953	0.00969	0.00606	1.72E-05	7.9E-07	1.9E-08	6.8E-09	1.80E-05	2.10E-05	9.72E-07	1.90E-08	3.79E-09	2.20E-05	1.86E-05	7.5E-07	1.8E-08	3.9E-09	2E-05
5250	493863.09, 3865377.25	0.01233	0.01257	0.01283	0.01267	0.01013	2.32E-05	1.1E-06	2.5E-08	1.1E-08	2.43E-05	2.84E-05	1.35E-06	2.48E-08	6.34E-09	2.98E-05	2.50E-05	1E-06	2.4E-08	6.5E-09	3E-05
5251	494363.09, 3865377.25	0.01338	0.0135	0.01337	0.01292	0.01224	2.51E-05	1.2E-06	2.6E-08	1.4E-08	2.64E-05	3.08E-05	1.45E-06	2.53E-08	7.66E-09	3.23E-05	2.72E-05	1.1E-06	2.5E-08	7.9E-09	3E-05
5252	494863.09, 3865377.25	0.01391	0.01402	0.01421	0.01342	0.01329	2.61E-05	1.2E-06	2.7E-08	1.5E-08	2.74E-05	3.20E-05	1.51E-06	2.63E-08	8.31E-09	3.36E-05	2.82E-05	1.2E-06	2.6E-08	8.6E-09	3E-05
5253	495363.09, 3865377.25	0.01439	0.0147	0.01468	0.01384	0.01538	2.70E-05	1.3E-06	2.7E-08	1.7E-08	2.84E-05	3.31E-05	1.58E-06	2.71E-08	9.62E-09	3.48E-05	2.92E-05	1.2E-06	2.6E-08	9.9E-09	3E-05
5254	495863.09, 3865377.25	0.01438	0.01484	0.0148	0.01392	0.01601	2.70E-05	1.3E-06	2.8E-08	1.8E-08	2.84E-05	3.31E-05	1.60E-06	2.73E-08	1.00E-08	3.47E-05	2.92E-05	1.2E-06	2.6E-08	1E-08	3E-05
5255	496363.09, 3865377.25	0.01409	0.01459	0.01454	0.01369	0.01552	2.65E-05	1.3E-06	2.7E-08	1.7E-08	2.78E-05	3.24E-05	1.57E-06	2.68E-08	9.71E-09	3.41E-05	2.86E-05	1.2E-06	2.6E-08	1E-08	3E-05
5256	496863.09, 3865377.25	0.01354	0.01402	0.01397	0.01317	0.0145	2.54E-05	1.2E-06	2.6E-08	1.6E-08	2.67E-05	3.12E-05	1.51E-06	2.58E-08	9.07E-09	3.27E-05	2.75E-05	1.2E-06	2.5E-08	9.4E-09	3E-05
5257	497363.09, 3865377.25	0.01303	0.01339	0.01334	0.01256	0.01375	2.45E-05	1.2E-06	2.5E-08	1.5E-08	2.57E-05	3.00E-05	1.44E-06	2.46E-08	8.60E-09	3.15E-05	2.65E-05	1.1E-06	2.4E-08	8.9E-09	3E-05
5258	497863.09, 3865377.25	0.01268	0.01302	0.01297	0.01215	0.01349	2.38E-05	1.1E-06	2.4E-08	1.5E-08	2.50E-05	2.92E-05	1.40E-06	2.38E-08	8.44E-09	3.06E-05	2.57E-05	1.1E-06	2.3E-08	8.7E-09	3E-05
5259	498363.09, 3865377.25	0.01255	0.01293	0.01288	0.01202	0.01348	2.36E-05	1.1E-06	2.4E-08	1.5E-08	2.48E-05	2.89E-05	1.39E-06	2.35E-08	8.43E-09	3.03E-05	2.55E-05	1.1E-06	2.3E-08	8.7E-09	3E-05
5260	471363.09, 3865877.25	0.00701	0.00729	0.0068	0.00677	0.007	1.32E-05	6.4E-07	1.3E-08	7.8E-09	1.38E-05	1.61E-05	7.84E-07	1.33E-08	4.38E-09	1.69E-05	1.42E-05	6E-07	1.3E-08	4.5E-09	1E-05
5261	471863.09, 3865877.25	0.00716	0.00712	0.00686	0.0069	0.0071	1.35E-05	6.2E-07	1.4E-08	7.9E-09	1.41E-05	1.65E-05	7.65E-07	1.35E-08	4.44E-09	1.73E-05	1.45E-05	5.9E-07	1.3E-08	4.6E-09	2E-05
5262	472363.09, 3865877.25	0.00735	0.00693	0.00695	0.00708	0.00719	1.38E-05	6.1E-07	1.4E-08	8E-09	1.44E-05	1.69E-05	7.45E-07	1.39E-08	4.50E-09	1.77E-05	1.49E-05	5.7E-07	1.3E-08	4.6E-09	2E-05
5263	472863.09, 3865877.25	0.00747	0.00673	0.00696	0.0072	0.00727	1.40E-05	5.9E-07	1.4E-08	8.1E-09	1.47E-05	1.72E-05	7.23E-07	1.41E-08	4.55E-09	1.79E-05	1.52E-05	5.6E-07	1.4E-08	4.7E-09	2E-05
5264	473363.09, 3865877.25	0.00764	0.00673	0.00703	0.00736	0.00732	1.44E-05	5.9E-07	1.5E-08	8.2E-09	1.50E-05	1.76E-05	7.23E-07	1.44E-08	4.58E-09	1.83E-05	1.55E-05	5.6E-07	1.4E-08	4.7E-09	2E-05
5265	473863.09, 3865877.25	0.00785	0.00697	0.00718	0.00757	0.00739	1.48E-05	6.1E-07	1.5E-08	8.3E-09	1.54E-05	1.81E-05	7.49E-07	1.48E-08	4.62E-09	1.88E-05	1.59E-05	5.8E-07	1.4E-08	4.8E-09	2E-05
5266	474363.09, 3865877.25	0.00808	0.0074	0.0074	0.00779	0.00749	1.52E-05	6.5E-07	1.5E-08	8.4E-09	1.59E-05	1.86E-05	7.96E-07	1.53E-08	4.68E-09	1.94E-05	1.64E-05	6.1E-07	1.5E-08	4.8E-09	2E-05
5267	474863.09, 3865877.25	0.00836	0.00794	0.0077	0.00808	0.00769	1.57E-05	7E-07	1.6E-08	8.6E-09	1.64E-05	1.93E-05	8.54E-07	1.58E-08	4.81E-09	2.01E-05	1.70E-05	6.6E-07	1.5E-08	5E-09	2E-05
5268	475363.09, 3865877.25	0.00864	0.00835	0.00801	0.00837	0.00797	1.62E-05	7.3E-07	1.7E-08	8.9E-09	1.70E-05	1.99E-05	8.98E-07	1.64E-08	4.98E-09	2.08E-05	1.75E-05	6.9E-07	1.6E-08	5.1E-09	2E-05
5269	475863.09, 3865877.25	0.00895	0.0086	0.00834	0.00872	0.00834	1.68E-05	7.5E-07	1.7E-08	9.3E-09	1.76E-05	2.06E-05	9.25E-07	1.71E-08	5.22E-09	2.16E-05	1.82E-05	7.1E-07	1.7E-08	5.4E-09	2E-05
5270	476363.09, 3865877.25	0.00942	0.00893	0.00884	0.00924	0.00867	1.77E-05	7.8E-07	1.8E-08	9.7E-09	1.85E-05	2.17E-05	9.60E-07	1.81E-08	5.42E-09	2.27E-05	1.91E-05	7.4E-07	1.8E-08	5.6E-09	2E-05
5271	476863.09, 3865877.25	0.00972	0.00915	0.00919	0.00957	0.00871	1.83E-05	8E-07	1.9E-08	9.7E-09	1.91E-05	2.24E-05	9.84E-07	1.87E-08	5.45E-09	2.34E-05	1.97E-05	7.6E-07	1.8E-08	5.6E-09	2E-05
5272	477363.09, 3865877.25	0.01009	0.00945	0.00944	0.00988	0.00938	1.90E-05	8.3E-07	2E-08	1E-08	1.98E-05	2.32E-05	1.02E-06	1.94E-08	5.87E-09	2.43E-05	2.05E-05	7.8E-07	1.9E-08	6.1E-09	2E-05
5273	477863.09, 3865877.25	0.0103	0.00956	0.00964	0.01014	0.00973	1.94E-05	8.4E-07	2E-08	1.1E-08	2.02E-05	2.37E-05	1.03E-06	1.99E-08	6.09E-09	2.48E-05	2.09E-05	7.9E-07	1.9E-08	6.3E-09	2E-05
5274	478363.09, 3865877.25	0.01061	0.0098	0.00999	0.01054	0.01011	1.99E-05	8.6E-07	2.1E-08	1.1E-08	2.08E-05	2.44E-05	1.05E-06	2.06E-08	6.32E-09	2.55E-05	2.15E-05	8.1E-07	2E-08	6.5E-09	2E-05
5275	478863.09, 3865877.25	0.01093	0.01012	0.01036	0.01094	0.01054	2.05E-05	8.9E-07	2.2E-08	1.2E-08	2.15E-05	2.52E-05	1.09E-06	2.14E-08	6.59E-09	2.63E-05	2.22E-05	8.4E-07	2.1E-08	6.8E-09	2E-05
5276	479363.09, 3865877.25	0.01124	0.01042	0.01072	0.01131	0.01103	2.11E-05	9.1E-07	2.2E-08	1.2E-08	2.21E-05	2.59E-05	1.12E-06	2.22E-08	6.90E-09	2.70E-05	2.28E-05	8.6E-07	2.2E-08	7.1E-09	2E-05
5277	479863.09, 3865877.25	0.01149	0.01052	0.01097	0.01154	0.01153	2.16E-05	9.2E-07	2.3E-08	1.3E-08	2.26E-05	2.65E-05	1.13E-06	2.26E-08	7.21E-09	2.76E-05	2.33E-05	8.7E-07	2.2E-08	7.4E-09	2E-05
5278	480363.09, 3865877.25	0.01171	0.01055	0.01113	0.01165	0.01194	2.20E-05	9.3E-07	2.3E-08	1.3E-08	2.30E-05	2.70E-05	1.13E-06	2.28E-08	7.47E-09	2.81E-05	2.38E-05	8.7E-07	2.2E-08	7.7E-09	2E-05
5279	480863.09, 3865877.25	0.01194	0.01083	0.01129	0.01178	0.01218	2.24E-05	9.5E-07	2.3E-08	1.4E-08	2.34E-05	2.75E-05	1.16E-06	2.31E-08	7.62E-09	2.87E-05	2.42E-05	9E-07	2.2E-08	7.9E-09	3E-05
5280	481363.09, 3865877.25	0.01217	0.01148	0.01149	0.01196	0.01231	2.29E-05	1E-06	2.4E-08	1.4E-08	2.39E-05	2.80E-05	1.23E-06	2.34E-08	7.70E-09	2.93E-05	2.47E-05	9.5E-07	2.3E-08	8E-09	3E-05
5281	481863.09, 3865877.25	0.01241	0.01207	0.01173	0.01217	0.01252	2.33E-05	1.1E-06	2.4E-08	1.4E-08	2.44E-05	2.86E-05	1.30E-06	2.38E-08	7.83E-09	2.99E-05	2.52E-05	1E-06	2.3E-08	8.1E-09	3E-05
5282	482363.09, 3865877.25	0.01259	0.01219	0.01189	0.0123	0.01286	2.37E-05	1.1E-06	2.4E-08	1.4E-08	2.48E-05	2.90E-05	1.31E-06	2.41E-08	8.04E-09	3.03E-05	2.56E-05	1E-06	2.3E-08	8.3E-09	3E-05
5283	482863.09, 3865877.25	0.01271	0.01222	0.01194	0.01231	0.01313	2.39E-05	1.1E-06	2.4E-08	1.5E-08	2.50E-05	2.93E-05	1.31E-06	2.41E-08	8.21E-09	3.06E-05	2.58E-05	1E-06	2.3E-08	8.5E-09	3E-05
5284	483363.09, 3865877.25	0.01281	0.01194	0.01192	0.01239	0.01317	2.41E-05	1E-06	2.5E-08	1.5E-08	2.52E-05	2.95E-05	1.28E-06	2.43E-08	8.24E-09	3.08E-05	2.60E-05	9.9E-07	2.4E-08	8.5E-09	3E-05
5285	483863.09, 3865877.25	0.01291	0.01136	0.01186	0.01261	0.01315	2.43E-05	1E-06	2.5E-08	1.5E-08	2.53E-05	2.97E-05	1.22E-06	2.47E-08	8.22E-09	3.10E-05	2.62E-05	9.4E-07	2.4E-08	8.5E-09	3E-05
5286	484363.09, 3865877.25	0.01299	0.0114	0.01183	0.01277	0.0131	2.44E-05	1E-06	2.5E-08	1.5E-08	2.55E-05	2.99E-05	1.23E-06	2.50E-08	8.19E-09	3.12E-05	2.64E-05	9.4E-07	2.4E-08	8.5E-09	3E-05
5287	484863.09, 3865877.25	0.01292	0.01176	0.01173	0.01261	0.01307	2.43E-05	1E-06	2.5E-08	1.5E-08	2.54E-05	2.98E-05	1.26E-06	2.47E-08	8.17E-09	3.10E-05	2.62E-05	9.7E-07	2.4E-08	8.4E-09	3E-05
5288	485363.09, 3865877.25	0.01277	0.01157	0.01152	0.01233	0.01304	2.40E-05	1E-06	2.4E-08	1.5E-08	2.51E-05	2.94E-05	1.24E-06	2.42E-08	8.16E-09	3.07E-05	2.59E-05	9.6E-07	2.3E-08	8.4E-09	3E-05
5289	485863.09, 3865877.25	0.01262	0.0112	0.01116	0.01207	0.01272	2.37E-05	9.8E-07	2.4E-08	1.4E-08	2.47E-05	2.91E-05	1.20E-06	2.36E-08	7.96E-09	3.03E-05	2.56E-05	9.3E-07	2.3E-08	8.2E-09	3E-05
5290	486363.09, 3865877.25	0.01251	0.01143	0.0109	0.01181	0.01223	2.35E-05	1E-06	2.3E-08	1.4E-08	2.45E-05	2.88E-05	1.23E-06	2.31E-08	7.65E-09	3.01E-05	2.54E-05	9.5E-07	2.2E-08	7.9E-09	3E-05
5291	486863.09, 3865877.25	0.01243	0.01166	0.01082	0.01162	0.01195	2.34E-05	1E-06	2.3E-08	1.3E-08	2.44E-05	2.86E-05	1.25E-06	2.28E-08	7.47E-09	2.99E-05	2.52E-05	9.6E-07	2.2E-08	7.7E-09	3E-05
5292	487363.09, 3865877.25	0.01235	0.01132	0.01082	0.01164	0.01186	2.32E-05	9.9E-07	2.3E-08	1.3E-08	2.42E-05	2.84E-05	1.22E-06	2.28E-08	7.42E-09	2.97E-05	2.51E-05	9.4E-07	2.2E-08	7.7E-09	3E-05
5293	487863.09, 3865877.25	0.01241	0.01075	0.01094	0.0119	0.01191	2.33E-05	9.4E-07	2.4E-08	1.3E-08	2.43E-05	2.86E-05	1.16E-06	2.33E-08	7.45E-09	2.98E-05	2.52E-05	8.9E-07	2.3E-08	7.7E-09	3E-05
5294	488363.09, 3865877.25	0.01243	0.01067	0.01112	0.01207	0.01206	2.34E-05	9.4E-07	2.4E-08	1.3E-08	2.43E-05	2.86E-05	1.15E-06	2.36E-08	7.54E-09	2.98E-05	2.52E-05	8.8E-07	2.3E-08	7.8E-09	3E-05
5295	488863.09, 3865877.25	0.01249	0.01105	0.01139	0.01216	0.01239	2.35E-05	9.7E-07	2.4E-08	1.4E-08	2.45E-05	2.88E-05	1.19E-06	2.38E-08	7.75E-09	3.00E-05	2.54E-05	9.1E-07	2.3E-08	8E-09	3E-05
5296	489363.09, 3865877.25	0.01249	0.01158	0.01153	0.01206	0.01262	2.35E-05	1E-06	2.4E-08	1.4E-08	2.45E-05	2.88E-05	1.24E-06	2.36E-08	7.89E-09	3.00E-05	2.54E-05	9.6E-07	2.3E-08	8.2E-09	3E-05
5297	489863.09, 3865877.25	0.01241	0.01177	0.01145	0.01179	0.01256	2.33E-05	1E-06	2.3E-08	1.4E-08	2.44E-05	2.86E-05	1.27E-06	2.31E-08	7.86E-09	2.99E-05	2.52E-05	9.7E-07	2.2E-08	8.1E-09	3E-05
5298	490363.09, 3865877.25	0.01248	0.01191	0.01152	0.01179	0.01225	2.35E-05	1E-06	2.3E-08	1.4E-08	2.45E-05	2.87E-05	1.28E-06	2.31E-08	7.66E-09	3.01E-05	2.53E-05	9.8E-07	2.2E-08	7.9E-09	3E-05
5299	490863.09, 3865877.25	0.01253	0.01199	0.01179	0.01197	0.01181	2.35E-05	1.1E-06	2.4E-08	1.3E-08	2.46E-05	2.89E-05	1.29E-06	2.34E-08	7.39E-09	3.02E-05	2.54E-05	9.9E-07	2.3E-08	7.6E-09	3E-05
5300	491363.09, 3865877.25	0.01247	0.01178	0.01214	0.01226	0.01168	2.34E-05	1E-06	2.4E-08	1.3E-08	2.45E-05	2.87E-05	1.27E-06	2.40E-08	7.31E-09	3.00E-05	2.53E-05	9.7E-07	2.3E-08	7.5E-09	3E-05
5301	491863.09, 3865877.25	0.01257	0.01211	0.01238	0.01243	0.01198	2.36E-05	1.1E-06	2.5E-08	1.3E-08	2.47E-05	2.89E-05	1.30E-06	2.43E-08	7.49E-09	3.03E-05	2.55E-05	1E-06	2.4E-08	7.7E-09	3E-05
5302	492363.09, 3865877.25	0.01245	0.01263	0.01234	0.01216	0.01138	2.34E-05	1.1E-06	2.4E-08	1.3E-08	2.45E-05	2.87E-05	1.36E-06	2.38E-08	7.12E-09	3.01E-05	2.53E-05	1E-06	2.3E-08	7.4E-09	3E-05
5303	492863.09, 3865877.25	0.01048	0.0108	0.01074	0.0106	0.00768	1.97E-05	9.5E-07	2.1E-08	8.6E-09	2.07E-05	2.41E-05	1.16E-06	2.08E-08	4.80E-09	2.53E-05	2.13E-05	8.9E-07	2E-08	5E-09	2E-05
5304	493363.09, 3865877.25	0.01066	0.01063	0.01098	0.01103	0.00776	2.00E-05	9.3E-07	2.2E-08	8.7E-09	2.10E-05	2.45E-05	1.14E-06	2.16E-08	4.85E-09	2.57E-05	2.16E-05	8.8E-07	2.1E-08	5E-09	2E-05
5305	493863.09, 3865877.25	0.01188	0.0119	0.01226	0.01221	0.0099	2.23E-05	1E-06	2.4E-08	1.1E-08	2.34E-05	2.74E-05	1.28E-06	2.39E-08	6.19E-09	2.87E-05	2.41E-05	9.8E-07	2.3E-08	6.4E-09	3E-05
5306	494363.09, 3865877.25	0.01241	0.01248	0.01248	0.01229	0.01172	2.33E-05	1.1E-06	2.4E-08	1.3E-08	2.45E-05	2.86E-05	1.34E-06	2.41E-08	7.33E-09	3.00E-05	2.52E-05	1E-06	2.3E-08	7.6E-09	3E-05
5307	494863.09, 3865877.25	0.01262	0.01278	0.01272	0.01212	0.01202	2.37E-05	1.1E-06	2.4E-08	1.3E-08	2.49E-05	2.91E-05	1.37E-06	2.37E-08	7.52E-09	3.05E-05	2.56E-05	1.1E-06	2.3E-08	7.8E-09	3E-05
5308	495363.09, 3865877.25	0.01276	0.01301	0.01298	0.0123	0.01243	2.40E-05	1.1E-06	2.4E-08	1.4E-08	2.52E-05	2.94E-05	1.40E-06	2.41E-08	7.77E-09	3.08E-05	2.59E-05	1.1E-06	2.3E-08	8E-09	3E-05

5309	495863.09, 3865877.25	0.01317	0.01342	0.01342	0.01271	0.01396	2.47E-05	1.2E-06	2.5E-08	1.6E-08	2.60E-05	3.03E-05	1.44E-06	2.49E-08	8.73E-09	3.18E-05	2.67E-05	1.1E-06	2.4E-08	9E-09	3E-05
5310	496363.09, 3865877.25	0.01332	0.01372	0.0136	0.01294	0.0142	2.50E-05	1.2E-06	2.6E-08	1.6E-08	2.63E-05	3.07E-05	1.47E-06	2.53E-08	8.88E-09	3.22E-05	2.70E-05	1.1E-06	2.5E-08	9.2E-09	3E-05
5311	496863.09, 3865877.25	0.01309	0.01351	0.01347	0.01286	0.01366	2.46E-05	1.2E-06	2.6E-08	1.5E-08	2.58E-05	3.01E-05	1.45E-06	2.52E-08	8.54E-09	3.16E-05	2.66E-05	1.1E-06	2.4E-08	8.8E-09	3E-05
5312	497363.09, 3865877.25	0.01249	0.01292	0.0129	0.01221	0.01325	2.35E-05	1.1E-06	2.4E-08	1.5E-08	2.46E-05	2.88E-05	1.39E-06	2.39E-08	8.29E-09	3.02E-05	2.54E-05	1.1E-06	2.3E-08	8.6E-09	3E-05
5313	497863.09, 3865877.25	0.01201	0.01239	0.01236	0.01166	0.01243	2.26E-05	1.1E-06	2.3E-08	1.4E-08	2.37E-05	2.77E-05	1.33E-06	2.28E-08	7.77E-09	2.90E-05	2.44E-05	1E-06	2.2E-08	8E-09	3E-05
5314	498363.09, 3865877.25	0.01166	0.01189	0.01201	0.01128	0.01164	2.19E-05	1E-06	2.2E-08	1.3E-08	2.30E-05	2.69E-05	1.28E-06	2.21E-08	7.28E-09	2.82E-05	2.37E-05	9.8E-07	2.1E-08	7.5E-09	2E-05
5315	471363.09, 3866377.25	0.00666	0.0064	0.00631	0.00642	0.00655	1.25E-05	5.6E-07	1.3E-08	7.3E-09	1.31E-05	1.53E-05	6.88E-07	1.26E-08	4.10E-09	1.60E-05	1.35E-05	5.3E-07	1.2E-08	4.2E-09	1E-05
5316	471863.09, 3866377.25	0.00682	0.00624	0.00638	0.00659	0.0066	1.28E-05	5.5E-07	1.3E-08	7.4E-09	1.34E-05	1.57E-05	6.71E-07	1.29E-08	4.13E-09	1.64E-05	1.38E-05	5.2E-07	1.3E-08	4.3E-09	1E-05
5317	472363.09, 3866377.25	0.00697	0.00616	0.00644	0.00675	0.00666	1.31E-05	5.4E-07	1.3E-08	7.4E-09	1.37E-05	1.61E-05	6.62E-07	1.32E-08	4.17E-09	1.67E-05	1.42E-05	5.1E-07	1.3E-08	4.3E-09	1E-05
5318	472863.09, 3866377.25	0.00709	0.0062	0.00649	0.00686	0.00671	1.33E-05	5.4E-07	1.4E-08	7.5E-09	1.39E-05	1.63E-05	6.67E-07	1.34E-08	4.20E-09	1.70E-05	1.44E-05	5.1E-07	1.3E-08	4.3E-09	1E-05
5319	473363.09, 3866377.25	0.00728	0.00648	0.00665	0.00705	0.00679	1.37E-05	5.7E-07	1.4E-08	7.6E-09	1.43E-05	1.68E-05	6.97E-07	1.38E-08	4.25E-09	1.75E-05	1.48E-05	5.4E-07	1.3E-08	4.4E-09	2E-05
5320	473863.09, 3866377.25	0.00747	0.00689	0.00684	0.00723	0.00692	1.40E-05	6E-07	1.4E-08	7.7E-09	1.47E-05	1.72E-05	7.41E-07	1.42E-08	4.33E-09	1.80E-05	1.52E-05	5.7E-07	1.4E-08	4.5E-09	2E-05
5321	474363.09, 3866377.25	0.0077	0.00735	0.0071	0.00745	0.0071	1.45E-05	6.4E-07	1.5E-08	7.9E-09	1.51E-05	1.77E-05	7.90E-07	1.46E-08	4.44E-09	1.85E-05	1.56E-05	6.1E-07	1.4E-08	4.6E-09	2E-05
5322	474863.09, 3866377.25	0.00797	0.00774	0.0074	0.00773	0.00736	1.50E-05	6.8E-07	1.5E-08	8.2E-09	1.57E-05	1.84E-05	8.32E-07	1.51E-08	4.60E-09	1.92E-05	1.62E-05	6.4E-07	1.5E-08	4.8E-09	2E-05
5323	475363.09, 3866377.25	0.00822	0.00794	0.00767	0.00801	0.00768	1.54E-05	7E-07	1.6E-08	8.6E-09	1.62E-05	1.89E-05	8.54E-07	1.57E-08	4.80E-09	1.98E-05	1.67E-05	6.6E-07	1.5E-08	5E-09	2E-05
5324	475863.09, 3866377.25	0.00848	0.00803	0.00792	0.00829	0.00802	1.59E-05	7E-07	1.6E-08	9E-09	1.67E-05	1.95E-05	8.63E-07	1.62E-08	5.02E-09	2.04E-05	1.72E-05	6.6E-07	1.6E-08	5.2E-09	2E-05
5325	476363.09, 3866377.25	0.00895	0.00835	0.00836	0.00877	0.00835	1.68E-05	7.3E-07	1.7E-08	9.3E-09	1.76E-05	2.06E-05	8.98E-07	1.72E-08	5.22E-09	2.15E-05	1.82E-05	6.9E-07	1.7E-08	5.4E-09	2E-05
5326	476863.09, 3866377.25	0.0092	0.00855	0.00864	0.00908	0.00807	1.73E-05	7.5E-07	1.8E-08	9E-09	1.81E-05	2.12E-05	9.19E-07	1.78E-08	5.05E-09	2.21E-05	1.87E-05	7.1E-07	1.7E-08	5.2E-09	2E-05
5327	477363.09, 3866377.25	0.00967	0.00894	0.00904	0.00953	0.00871	1.82E-05	7.8E-07	1.9E-08	9.7E-09	1.90E-05	2.23E-05	9.61E-07	1.87E-08	5.45E-09	2.33E-05	1.96E-05	7.4E-07	1.8E-08	5.6E-09	2E-05
5328	477863.09, 3866377.25	0.00984	0.00904	0.00921	0.00975	0.00923	1.85E-05	7.9E-07	1.9E-08	1E-08	1.93E-05	2.27E-05	9.72E-07	1.91E-08	5.77E-09	2.37E-05	2.00E-05	7.5E-07	1.9E-08	6E-09	2E-05
5329	478363.09, 3866377.25	0.01003	0.0093	0.00946	0.01002	0.00957	1.88E-05	8.2E-07	2E-08	1.1E-08	1.97E-05	2.31E-05	1.00E-06	1.96E-08	5.99E-09	2.41E-05	2.04E-05	7.7E-07	1.9E-08	6.2E-09	2E-05
5330	478863.09, 3866377.25	0.01032	0.00967	0.00981	0.01037	0.01	1.94E-05	8.5E-07	2.1E-08	1.1E-08	2.03E-05	2.38E-05	1.04E-06	2.03E-08	6.25E-09	2.48E-05	2.10E-05	8E-07	2E-08	6.5E-09	2E-05
5331	479363.09, 3866377.25	0.01059	0.00987	0.01012	0.01065	0.01048	1.99E-05	8.7E-07	2.1E-08	1.2E-08	2.08E-05	2.44E-05	1.06E-06	2.09E-08	6.55E-09	2.55E-05	2.15E-05	8.2E-07	2E-08	6.8E-09	2E-05
5332	479863.09, 3866377.25	0.01084	0.00983	0.01033	0.01084	0.01093	2.04E-05	8.6E-07	2.2E-08	1.2E-08	2.13E-05	2.50E-05	1.06E-06	2.12E-08	6.84E-09	2.60E-05	2.20E-05	8.1E-07	2.1E-08	7.1E-09	2E-05
5333	480363.09, 3866377.25	0.01103	0.00981	0.01044	0.01094	0.01122	2.07E-05	8.6E-07	2.2E-08	1.3E-08	2.16E-05	2.54E-05	1.05E-06	2.14E-08	7.02E-09	2.65E-05	2.24E-05	8.1E-07	2.1E-08	7.2E-09	2E-05
5334	480863.09, 3866377.25	0.01119	0.01022	0.01053	0.01101	0.0113	2.10E-05	9E-07	2.2E-08	1.3E-08	2.20E-05	2.58E-05	1.10E-06	2.16E-08	7.07E-09	2.69E-05	2.27E-05	8.5E-07	2.1E-08	7.3E-09	2E-05
5335	481363.09, 3866377.25	0.0114	0.01097	0.01072	0.01116	0.01138	2.14E-05	9.6E-07	2.2E-08	1.3E-08	2.24E-05	2.63E-05	1.18E-06	2.19E-08	7.12E-09	2.75E-05	2.31E-05	9.1E-07	2.1E-08	7.4E-09	2E-05
5336	481863.09, 3866377.25	0.01154	0.0113	0.01088	0.01129	0.01159	2.17E-05	9.9E-07	2.2E-08	1.3E-08	2.27E-05	2.66E-05	1.21E-06	2.21E-08	7.25E-09	2.78E-05	2.34E-05	9.3E-07	2.1E-08	7.5E-09	2E-05
5337	482363.09, 3866377.25	0.01165	0.01125	0.01096	0.01134	0.01191	2.19E-05	9.9E-07	2.3E-08	1.3E-08	2.29E-05	2.68E-05	1.21E-06	2.22E-08	7.45E-09	2.81E-05	2.37E-05	9.3E-07	2.2E-08	7.7E-09	2E-05
5338	482863.09, 3866377.25	0.01175	0.01115	0.01097	0.01136	0.01207	2.21E-05	9.8E-07	2.3E-08	1.3E-08	2.31E-05	2.71E-05	1.20E-06	2.23E-08	7.55E-09	2.83E-05	2.39E-05	9.2E-07	2.2E-08	7.8E-09	2E-05
5339	483363.09, 3866377.25	0.01184	0.01072	0.01093	0.01148	0.01204	2.22E-05	9.4E-07	2.3E-08	1.3E-08	2.32E-05	2.73E-05	1.15E-06	2.25E-08	7.53E-09	2.84E-05	2.40E-05	8.9E-07	2.2E-08	7.8E-09	2E-05
5340	483863.09, 3866377.25	0.01194	0.01037	0.01089	0.01169	0.01199	2.24E-05	9.1E-07	2.3E-08	1.3E-08	2.34E-05	2.75E-05	1.11E-06	2.29E-08	7.50E-09	2.86E-05	2.42E-05	8.6E-07	2.2E-08	7.7E-09	3E-05
5341	484363.09, 3866377.25	0.01196	0.01066	0.01087	0.01177	0.01195	2.25E-05	9.4E-07	2.3E-08	1.3E-08	2.34E-05	2.75E-05	1.15E-06	2.31E-08	7.47E-09	2.87E-05	2.43E-05	8.8E-07	2.2E-08	7.7E-09	3E-05
5342	484863.09, 3866377.25	0.01194	0.01093	0.01085	0.01167	0.01203	2.24E-05	9.6E-07	2.3E-08	1.3E-08	2.34E-05	2.75E-05	1.17E-06	2.29E-08	7.52E-09	2.87E-05	2.42E-05	9E-07	2.2E-08	7.8E-09	3E-05
5343	485363.09, 3866377.25	0.01176	0.0105	0.01058	0.01139	0.01198	2.21E-05	9.2E-07	2.3E-08	1.3E-08	2.31E-05	2.71E-05	1.13E-06	2.23E-08	7.49E-09	2.82E-05	2.39E-05	8.7E-07	2.2E-08	7.7E-09	2E-05
5344	485863.09, 3866377.25	0.0116	0.01021	0.01021	0.01113	0.0116	2.18E-05	9E-07	2.2E-08	1.3E-08	2.27E-05	2.67E-05	1.10E-06	2.18E-08	7.26E-09	2.78E-05	2.36E-05	8.4E-07	2.1E-08	7.5E-09	2E-05
5345	486363.09, 3866377.25	0.01152	0.01046	0.00999	0.01089	0.01115	2.16E-05	9.2E-07	2.2E-08	1.2E-08	2.26E-05	2.65E-05	1.12E-06	2.13E-08	6.97E-09	2.77E-05	2.34E-05	8.7E-07	2.1E-08	7.2E-09	2E-05
5346	486863.09, 3866377.25	0.01146	0.01067	0.00993	0.01074	0.01093	2.15E-05	9.4E-07	2.1E-08	1.2E-08	2.25E-05	2.64E-05	1.15E-06	2.10E-08	6.84E-09	2.76E-05	2.33E-05	8.8E-07	2E-08	7.1E-09	2E-05
5347	487363.09, 3866377.25	0.01165	0.01067	0.01016	0.01099	0.01092	2.19E-05	9.4E-07	2.2E-08	1.2E-08	2.29E-05	2.68E-05	1.15E-06	2.15E-08	6.83E-09	2.80E-05	2.37E-05	8.8E-07	2.1E-08	7.1E-09	2E-05
5348	487863.09, 3866377.25	0.01182	0.0103	0.01039	0.01135	0.01095	2.22E-05	9E-07	2.3E-08	1.2E-08	2.32E-05	2.72E-05	1.11E-06	2.22E-08	6.85E-09	2.84E-05	2.40E-05	8.5E-07	2.2E-08	7.1E-09	2E-05
5349	488363.09, 3866377.25	0.01183	0.01016	0.01056	0.01152	0.01111	2.22E-05	8.9E-07	2.3E-08	1.2E-08	2.32E-05	2.72E-05	1.09E-06	2.26E-08	6.95E-09	2.84E-05	2.40E-05	8.4E-07	2.2E-08	7.2E-09	2E-05
5350	488863.09, 3866377.25	0.01193	0.01051	0.01093	0.01173	0.01136	2.24E-05	9.2E-07	2.3E-08	1.3E-08	2.34E-05	2.75E-05	1.13E-06	2.30E-08	7.11E-09	2.86E-05	2.42E-05	8.7E-07	2.2E-08	7.3E-09	3E-05
5351	489363.09, 3866377.25	0.01189	0.01096	0.01107	0.01165	0.01152	2.23E-05	9.6E-07	2.3E-08	1.3E-08	2.33E-05	2.74E-05	1.18E-06	2.28E-08	7.21E-09	2.86E-05	2.41E-05	9.1E-07	2.2E-08	7.4E-09	3E-05
5352	489863.09, 3866377.25	0.01176	0.0112	0.01102	0.0114	0.01121	2.21E-05	9.8E-07	2.3E-08	1.3E-08	2.31E-05	2.71E-05	1.20E-06	2.23E-08	7.01E-09	2.83E-05	2.39E-05	9.3E-07	2.2E-08	7.2E-09	2E-05
5353	490363.09, 3866377.25	0.01154	0.01092	0.01061	0.01095	0.01132	2.17E-05	9.6E-07	2.2E-08	1.3E-08	2.27E-05	2.66E-05	1.17E-06	2.15E-08	7.08E-09	2.78E-05	2.34E-05	9E-07	2.1E-08	7.3E-09	2E-05
5354	490863.09, 3866377.25	0.0114	0.01083	0.01053	0.0108	0.01106	2.14E-05	9.5E-07	2.1E-08	1.2E-08	2.24E-05	2.63E-05	1.16E-06	2.12E-08	6.92E-09	2.74E-05	2.31E-05	9E-07	2.1E-08	7.1E-09	2E-05
5355	491363.09, 3866377.25	0.01149	0.01088	0.01086	0.01105	0.01108	2.16E-05	9.5E-07	2.2E-08	1.2E-08	2.26E-05	2.65E-05	1.17E-06	2.16E-08	6.93E-09	2.77E-05	2.33E-05	9E-07	2.1E-08	7.2E-09	2E-05
5356	491863.09, 3866377.25	0.01135	0.01057	0.01119	0.01143	0.01029	2.13E-05	9.3E-07	2.3E-08	1.1E-08	2.23E-05	2.61E-05	1.14E-06	2.24E-08	6.44E-09	2.73E-05	2.30E-05	8.7E-07	2.2E-08	6.6E-09	2E-05
5357	492363.09, 3866377.25	0.01151	0.01122	0.0114	0.01144	0.01066	2.16E-05	9.8E-07	2.3E-08	1.2E-08	2.26E-05	2.65E-05	1.21E-06	2.24E-08	6.67E-09	2.77E-05	2.34E-05	9.3E-07	2.2E-08	6.9E-09	2E-05
5358	492863.09, 3866377.25	0.01082	0.01124	0.01088	0.01068	0.00906	2.03E-05	9.9E-07	2.1E-08	1E-08	2.14E-05	2.49E-05	1.21E-06	2.09E-08	5.67E-09	2.62E-05	2.20E-05	9.3E-07	2E-08	5.9E-09	2E-05
5359	493363.09, 3866377.25	0.01094	0.01089	0.01088	0.01083	0.00914	2.06E-05	9.6E-07	2.1E-08	1E-08	2.15E-05	2.52E-05	1.17E-06	2.12E-08	5.72E-09	2.64E-05	2.22E-05	9E-07	2.1E-08	5.9E-09	2E-05
5360	493863.09, 3866377.25	0.01146	0.01127	0.01147	0.01146	0.01027	2.15E-05	9.9E-07	2.3E-08	1.1E-08	2.26E-05	2.64E-05	1.21E-06	2.24E-08	6.42E-09	2.76E-05	2.33E-05	9.3E-07	2.2E-08	6.6E-09	2E-05
5361	494363.09, 3866377.25	0.01183	0.01173	0.01177	0.01163	0.01185	2.22E-05	1E-06	2.3E-08	1.3E-08	2.33E-05	2.72E-05	1.26E-06	2.28E-08	7.41E-09	2.85E-05	2.40E-05	9.7E-07	2.2E-08	7.7E-09	3E-05
5362	494863.09, 3866377.25	0.01165	0.01163	0.01156	0.01135	0.01153	2.19E-05	1E-06	2.3E-08	1.3E-08	2.29E-05	2.68E-05	1.25E-06	2.22E-08	7.21E-09	2.81E-05	2.37E-05	9.6E-07	2.2E-08	7.4E-09	2E-05
5363	495363.09, 3866377.25	0.01128	0.01127	0.0112	0.01089	0.01031	2.12E-05	9.9E-07	2.2E-08	1.2E-08	2.22E-05	2.60E-05	1.21E-06	2.13E-08	6.45E-09	2.72E-05	2.29E-05	9.3E-07	2.1E-08	6.7E-09	2E-05
5364	495863.09, 3866377.25	0.01149	0.01149	0.01157	0.01122	0.01049	2.16E-05	1E-06	2.2E-08	1.2E-08	2.26E-05	2.65E-05	1.24E-06	2.20E-08	6.56E-09	2.77E-05	2.33E-05	9.5E-07	2.1E-08	6.8E-09	2E-05
5365	496363.09, 3866377.25	0.01216	0.01234	0.01241	0.01199	0.01202	2.29E-05	1.1E-06	2.4E-08	1.3E-08	2.40E-05	2.80E-05	1.33E-06	2.35E-08	7.52E-09	2.94E-05	2.47E-05	1E-06	2.3E-08	7.8E-09	3E-05
5366	496863.09, 3866377.25	0.01227	0.01262	0.01265	0.01216	0.01193	2.31E-05	1.1E-06	2.4E-08	1.3E-08	2.42E-05	2.83E-05	1.36E-06	2.38E-08	7.46E-09	2.96E-05	2.49E-05	1E-06	2.3E-08	7.7E-09	3E-05
5367	497363.09, 3866377.25	0.01206	0.0124	0.01242	0.01197	0.01189	2.27E-05	1.1E-06	2.4E-08	1.3E-08	2.38E-05	2.78E-05	1.33E-06	2.34E-08	7.44E-09	2.91E-05	2.45E-05	1E-06	2.3E-08	7.7E-09	3E-05
5368	497863.09, 3866377.25	0.01158	0.01186	0.01187	0.01149	0.01184	2.18E-05	1E-06	2.3E-08	1.3E-08	2.28E-05	2.67E-05	1.27E-06	2.25E-08	7.41E-09	2.80E-05	2.35E-05	9.8E-07	2.2E-08	7.6E-09	2E-05
5369	498363.09, 3866377.25	0.01055	0.01075	0.01082	0.01058	0.00989	1.98E-05	9.4E-07	2.1E-08	1.1E-08	2.08E-05	2.43E-05	1.16E-06	2.07E-08	6.19E-09	2.55E-05	2.14E-05	8.9E-07	2E-08	6.4E-09	2E-05
5370	474494.92, 3848334.16	0.00771	0.00733	0.0071	0.00764	0.00565	1.45E-05	6.4E-07	1.5E-08	6.3E-09	1.52E-05	1.78E-05	7.88E-07	1.50E-08	3.53E-09	1.86E-05	1.57E-05	6.1E-07	1.5E-08	3.6E-09	2E-05
5371	475167.27, 3848920.79	0.0088	0.00839	0.00808	0.00867	0.00634	1.65E-05	7.4E-07	1.7E-08	7.1E-09	1.73E-05	2.03E-05	9.02E-07	1.70E-08	3.97E-09	2.12E-05	1.79E-05	6.9E-07	1.6E-08	4.1E-09	2E-05
5372	475297.89, 3848997.96	0.00896	0.00855	0.00823	0.00883	0.00645	1.68E-05	7.5E-07	1.8E-08	7.2E-09	1.76E-05	2.06E-05	9.19E-07	1.73E-08	4.03E-09	2.16E-05	1.82E-05	7.1E-07	1.7E-08	4.2E-09	2E-05

5373	475439.05, 3849062	0.00894	0.00857	0.00825	0.00882	0.00634	1.68E-05	7.5E-07	1.8E-08	7.1E-09	1.76E-05	2.06E-05	9.21E-07	1.73E-08	3.97E-09	2.15E-05	1.82E-05	7.1E-07	1.7E-08	4.1E-09	2E-05
5374	475486.86, 3849061.09	0.00889	0.00853	0.00821	0.00879	0.00628	1.67E-05	7.5E-07	1.7E-08	7E-09	1.75E-05	2.05E-05	9.17E-07	1.72E-08	3.93E-09	2.14E-05	1.81E-05	7.1E-07	1.7E-08	4.1E-09	2E-05
5375	475538.46, 3849075.56	0.00895	0.00857	0.00825	0.00885	0.00634	1.68E-05	7.5E-07	1.8E-08	7.1E-09	1.76E-05	2.06E-05	9.21E-07	1.73E-08	3.97E-09	2.16E-05	1.82E-05	7.1E-07	1.7E-08	4.1E-09	2E-05
5376	475751.79, 3849137.15	0.00933	0.00883	0.00848	0.00921	0.00673	1.75E-05	7.7E-07	1.8E-08	7.5E-09	1.83E-05	2.15E-05	9.49E-07	1.80E-08	4.21E-09	2.25E-05	1.89E-05	7.3E-07	1.8E-08	4.3E-09	2E-05
5377	476303.62, 3849223.38	0.00981	0.00906	0.00869	0.00969	0.00713	1.84E-05	7.9E-07	1.9E-08	8E-09	1.93E-05	2.26E-05	9.74E-07	1.90E-08	4.46E-09	2.36E-05	1.99E-05	7.5E-07	1.8E-08	4.6E-09	2E-05
5378	476304.51, 3849238.92	0.00986	0.0091	0.00873	0.00973	0.00716	1.85E-05	8E-07	1.9E-08	8E-09	1.94E-05	2.27E-05	9.78E-07	1.91E-08	4.48E-09	2.37E-05	2.00E-05	7.5E-07	1.9E-08	4.6E-09	2E-05
5379	476365.04, 3849247.98	0.00991	0.00912	0.00875	0.00978	0.00719	1.86E-05	8E-07	1.9E-08	8E-09	1.95E-05	2.28E-05	9.80E-07	1.92E-08	4.50E-09	2.38E-05	2.01E-05	7.5E-07	1.9E-08	4.6E-09	2E-05
5380	476444.86, 3849267.13	0.00992	0.00914	0.00876	0.0098	0.00718	1.86E-05	8E-07	1.9E-08	8E-09	1.95E-05	2.28E-05	9.83E-07	1.92E-08	4.49E-09	2.39E-05	2.01E-05	7.6E-07	1.9E-08	4.6E-09	2E-05
5381	476550.75, 3849300.66	0.01008	0.00922	0.00884	0.00995	0.0073	1.89E-05	8.1E-07	2E-08	8.2E-09	1.98E-05	2.32E-05	9.91E-07	1.95E-08	4.57E-09	2.42E-05	2.05E-05	7.6E-07	1.9E-08	4.7E-09	2E-05
5382	476656.71, 3849346.88	0.01022	0.00932	0.00893	0.01011	0.0074	1.92E-05	8.2E-07	2E-08	8.3E-09	2.01E-05	2.35E-05	1.00E-06	1.98E-08	4.63E-09	2.46E-05	2.08E-05	7.7E-07	1.9E-08	4.8E-09	2E-05
5383	476873.55, 3849454.53	0.01062	0.00958	0.00916	0.01049	0.00766	2.00E-05	8.4E-07	2.1E-08	8.6E-09	2.08E-05	2.45E-05	1.03E-06	2.05E-08	4.79E-09	2.55E-05	2.16E-05	7.9E-07	2E-08	4.9E-09	2E-05
5384	477700, 3849859.7	0.01215	0.01062	0.01016	0.01193	0.00846	2.28E-05	9.3E-07	2.4E-08	9.5E-09	2.38E-05	2.80E-05	1.14E-06	2.34E-08	5.29E-09	2.91E-05	2.47E-05	8.8E-07	2.3E-08	5.5E-09	3E-05
5385	477743.16, 3849856.38	0.01199	0.01057	0.00997	0.01176	0.00832	2.25E-05	9.3E-07	2.3E-08	9.3E-09	2.35E-05	2.76E-05	1.14E-06	2.30E-08	5.20E-09	2.88E-05	2.43E-05	8.7E-07	2.2E-08	5.4E-09	3E-05
5386	478477.35, 3850216.33	0.01304	0.0114	0.01078	0.01251	0.00849	2.45E-05	1E-06	2.5E-08	9.5E-09	2.55E-05	3.00E-05	1.23E-06	2.45E-08	5.31E-09	3.13E-05	2.65E-05	9.4E-07	2.4E-08	5.5E-09	3E-05
5387	478485.8, 3850201.6	0.01301	0.01136	0.01073	0.01244	0.00842	2.44E-05	1E-06	2.5E-08	9.4E-09	2.55E-05	3.00E-05	1.22E-06	2.44E-08	5.27E-09	3.12E-05	2.64E-05	9.4E-07	2.4E-08	5.4E-09	3E-05
5388	479113.21, 3850501.53	0.01577	0.0137	0.01273	0.01453	0.00947	2.96E-05	1.2E-06	2.9E-08	1.1E-08	3.09E-05	3.63E-05	1.47E-06	2.85E-08	5.92E-09	3.78E-05	3.20E-05	1.1E-06	2.8E-08	6.1E-09	3E-05
5389	479108.11, 3850382.28	0.01569	0.01381	0.01278	0.01432	0.00934	2.95E-05	1.2E-06	2.8E-08	1E-08	3.07E-05	3.61E-05	1.48E-06	2.81E-08	5.84E-09	3.76E-05	3.19E-05	1.1E-06	2.7E-08	6E-09	3E-05
5390	479689.85, 3850674.28	0.01866	0.01687	0.01552	0.01681	0.0109	3.51E-05	1.5E-06	3.3E-08	1.2E-08	3.66E-05	4.30E-05	1.81E-06	3.29E-08	6.82E-09	4.48E-05	3.79E-05	1.4E-06	3.2E-08	7E-09	4E-05
5391	479952.42, 3850774.28	0.02053	0.01891	0.01724	0.01874	0.01243	3.86E-05	1.7E-06	3.7E-08	1.4E-08	4.03E-05	4.73E-05	2.03E-06	3.67E-08	7.77E-09	4.94E-05	4.17E-05	1.6E-06	3.6E-08	8E-09	4E-05
5392	479911.32, 3850884.85	0.02022	0.01828	0.01653	0.01812	0.01177	3.80E-05	1.6E-06	3.6E-08	1.3E-08	3.97E-05	4.66E-05	1.97E-06	3.55E-08	7.36E-09	4.86E-05	4.11E-05	1.5E-06	3.4E-08	7.6E-09	4E-05
5393	480500.92, 3851178.12	0.02483	0.02304	0.02072	0.02276	0.0164	4.67E-05	2E-06	4.5E-08	1.8E-08	4.87E-05	5.72E-05	2.48E-06	4.46E-08	1.03E-08	5.97E-05	5.04E-05	1.9E-06	4.3E-08	1.1E-08	5E-05
5394	480738.01, 3851289.27	0.02677	0.02496	0.0226	0.02488	0.01876	5.03E-05	2.2E-06	4.9E-08	2.1E-08	5.26E-05	6.16E-05	2.68E-06	4.87E-08	1.17E-08	6.44E-05	5.44E-05	2.1E-06	4.7E-08	1.2E-08	6E-05
5395	481055.42, 3851443.58	0.02932	0.02719	0.02499	0.02774	0.02182	5.51E-05	2.4E-06	5.5E-08	2.4E-08	5.76E-05	6.75E-05	2.92E-06	5.43E-08	1.36E-08	7.05E-05	5.95E-05	2.2E-06	5.3E-08	1.4E-08	6E-05
5396	481110.22, 3851443.15	0.02959	0.02731	0.02529	0.02816	0.02232	5.56E-05	2.4E-06	5.6E-08	2.5E-08	5.81E-05	6.81E-05	2.94E-06	5.52E-08	1.40E-08	7.11E-05	6.01E-05	2.3E-06	5.4E-08	1.4E-08	6E-05
5397	481111.1, 3851417.45	0.02942	0.0271	0.02521	0.0281	0.0223	5.53E-05	2.4E-06	5.6E-08	2.5E-08	5.77E-05	6.77E-05	2.91E-06	5.50E-08	1.39E-08	7.07E-05	5.97E-05	2.2E-06	5.3E-08	1.4E-08	6E-05
5398	482248.44, 3852605.09	0.05018	0.04425	0.03928	0.04396	0.03447	9.43E-05	3.9E-06	8.7E-08	3.9E-08	9.83E-05	1.16E-04	4.76E-06	8.61E-08	2.16E-08	1.20E-04	1.02E-04	3.7E-06	8.4E-08	2.2E-08	0.0001
5399	482273.34, 3852632.31	0.051	0.04493	0.03979	0.04452	0.03483	9.58E-05	3.9E-06	8.8E-08	3.9E-08	9.99E-05	1.17E-04	4.83E-06	8.72E-08	2.18E-08	1.22E-04	1.04E-04	3.7E-06	8.5E-08	2.2E-08	0.0001
5400	482665.46, 3853038.72	0.0682	0.05706	0.04894	0.05464	0.04165	1.28E-04	5E-06	1.1E-07	4.7E-08	1.33E-04	1.57E-04	6.13E-06	1.07E-07	2.60E-08	1.63E-04	1.38E-04	4.7E-06	1E-07	2.7E-08	0.0001
5401	483077.95, 3853844.31	0.7379	0.11086	0.0758	0.07798	0.04442	1.39E-03	9.7E-06	1.5E-07	5E-08	1.40E-03	1.70E-03	1.19E-05	1.53E-07	2.78E-08	1.71E-03	1.50E-03	9.2E-06	1.5E-07	2.9E-08	0.0015
5402	483121.38, 3853909.38	0.69636	0.12008	0.08044	0.08213	0.04519	1.31E-03	1.1E-05	1.6E-07	5E-08	1.32E-03	1.60E-03	1.29E-05	1.61E-07	2.83E-08	1.62E-03	1.41E-03	9.9E-06	1.6E-07	2.9E-08	0.0014
5403	483492.64, 3853911.49	0.35023	0.13882	0.09906	0.10569	0.05721	6.58E-04	1.2E-05	2.1E-07	6.4E-08	6.71E-04	8.07E-04	1.49E-05	2.07E-07	3.58E-08	8.22E-04	7.11E-04	1.1E-05	2E-07	3.7E-08	0.0007
5404	483498.29, 3854204.73	0.48032	0.21312	0.12518	0.1205	0.05358	9.03E-04	1.9E-05	2.4E-07	6E-08	9.22E-04	1.11E-03	2.29E-05	2.36E-07	3.35E-08	1.13E-03	9.75E-04	1.8E-05	2.3E-07	3.5E-08	0.001
5405	484132.44, 3854662.55	0.9762	0.58112	0.26933	0.25622	0.05247	1.83E-03	5.1E-05	5.1E-07	5.9E-08	1.89E-03	2.25E-03	6.25E-05	5.02E-07	3.28E-08	2.31E-03	1.98E-03	4.8E-05	4.9E-07	3.4E-08	0.002
5406	484627.62, 3854876.13	3.59205	4.66684	1.30135	1.0024	0.08763	6.75E-03	0.00041	2E-06	9.8E-08	7.16E-03	8.27E-03	5.02E-04	1.96E-06	5.48E-08	8.78E-03	7.29E-03	0.00039	1.9E-06	5.7E-08	0.0077
5407	484756.14, 3854949.04	3.34914	6.39852	1.70271	2.62996	0.10774	6.29E-03	0.00056	5.2E-06	1.2E-07	6.86E-03	7.71E-03	6.88E-04	5.15E-06	6.74E-08	8.41E-03	6.80E-03	0.00053	5E-06	7E-08	0.0073
5408	486697.51, 3856599.17	3.48053	0.37192	3.128	4.47272	1.75495	6.54E-03	3.3E-05	8.9E-06	2E-06	6.58E-03	8.02E-03	4.00E-05	8.76E-06	1.10E-06	8.06E-03	7.07E-03	3.1E-05	8.5E-06	1.1E-06	0.0071
5409	487105.31, 3856962.27	3.25183	1.0763	3.00653	4.42864	2.03933	6.11E-03	9.4E-05	8.8E-06	2.3E-06	6.22E-03	7.49E-03	1.16E-04	8.68E-06	1.28E-06	7.61E-03	6.60E-03	8.9E-05	8.4E-06	1.3E-06	0.0067
5410	487157.57, 3856901.7	2.47771	0.75267	2.4538	3.33924	1.68178	4.66E-03	6.6E-05	6.6E-06	1.9E-06	4.73E-03	5.71E-03	8.09E-05	6.54E-06	1.05E-06	5.79E-03	5.03E-03	6.2E-05	6.4E-06	1.1E-06	0.0051
5411	487173.5, 3856853.74	2.19387	0.61079	2.23536	2.96334	1.53404	4.12E-03	5.4E-05	5.9E-06	1.7E-06	4.18E-03	5.05E-03	6.57E-05	5.80E-06	9.59E-07	5.12E-03	4.45E-03	5.1E-05	5.6E-06	9.9E-07	0.0045
5412	487564.41, 3856860.83	1.29026	0.83792	1.48434	1.80957	1.1784	2.42E-03	7.4E-05	3.6E-06	1.3E-06	2.50E-03	2.97E-03	9.01E-05	3.54E-06	7.37E-07	3.07E-03	2.62E-03	6.9E-05	3.4E-06	7.6E-07	0.0027
5413	487563.31, 3856931.58	1.30769	1.26508	1.57227	1.89563	1.27413	2.46E-03	0.00011	3.8E-06	1.4E-06	2.57E-03	3.01E-03	1.36E-04	3.71E-06	7.97E-07	3.15E-03	2.66E-03	0.0001	3.6E-06	8.2E-07	0.0028
5414	487782.7, 3856926.85	1.05705	1.31662	1.30502	1.48834	1.13417	1.99E-03	0.00012	3E-06	1.3E-06	2.11E-03	2.43E-03	1.42E-04	2.92E-06	7.09E-07	2.58E-03	2.15E-03	0.00011	2.8E-06	7.3E-07	0.0023
5415	487782.39, 3856757.07	1.02069	0.6248	1.17205	1.39163	0.96842	1.92E-03	5.5E-05	2.8E-06	1.1E-06	1.98E-03	2.35E-03	6.72E-05	2.73E-06	6.06E-07	2.42E-03	2.07E-03	5.2E-05	2.6E-06	6.3E-07	0.0021
5416	487917.26, 3856752.41	0.92121	0.66227	1.0711	1.24858	0.92512	1.73E-03	5.8E-05	2.5E-06	1E-06	1.79E-03	2.12E-03	7.12E-05	2.45E-06	5.79E-07	2.20E-03	1.87E-03	5.5E-05	2.4E-06	6E-07	0.0019
5417	487919.57, 3856953.35	0.94768	1.45857	1.20029	1.30934	1.0975	1.78E-03	0.00013	2.6E-06	1.2E-06	1.91E-03	2.18E-03	1.57E-04	2.56E-06	6.86E-07	2.34E-03	1.92E-03	0.00012	2.5E-06	7.1E-07	0.002
5418	487932.76, 3857000.32	0.94101	1.75478	1.22763	1.29511	1.12577	1.77E-03	0.00015	2.6E-06	1.3E-06	1.93E-03	2.17E-03	1.89E-04	2.54E-06	7.04E-07	2.36E-03	1.91E-03	0.00015	2.5E-06	7.3E-07	0.0021
5419	487960.5, 3857044.75	0.92398	2.03605	1.23903	1.25538	1.14931	1.74E-03	0.00018	2.5E-06	1.3E-06	1.92E-03	2.13E-03	2.19E-04	2.46E-06	7.19E-07	2.35E-03	1.88E-03	0.00017	2.4E-06	7.4E-07	0.002
5420	488016.54, 3857089.54	0.89153	2.24817	1.2252	1.17996	1.15749	1.68E-03	0.0002	2.3E-06	1.3E-06	1.88E-03	2.05E-03	2.42E-04	2.31E-06	7.24E-07	2.30E-03	1.81E-03	0.00019	2.2E-06	7.5E-07	0.002
5421	488114.39, 3857165.47	0.84227	2.42307	1.19382	1.05404	1.17922	1.58E-03	0.00021	2.1E-06	1.3E-06	1.80E-03	1.94E-03	2.60E-04	2.06E-06	7.38E-07	2.20E-03	1.71E-03	0.0002	2E-06	7.6E-07	0.0019
5422	488171.49, 3857234.24	0.8199	2.47928	1.18638	0.97541	1.22466	1.54E-03	0.00022	1.9E-06	1.4E-06	1.76E-03	1.89E-03	2.67E-04	1.91E-06	7.66E-07	2.16E-03	1.66E-03	0.00021	1.9E-06	7.9E-07	0.0019
5423	488193.16, 3857297.8	0.81742	2.49614	1.20123	0.92933	1.29566	1.54E-03	0.00022	1.8E-06	1.4E-06	1.76E-03	1.88E-03	2.68E-04	1.82E-06	8.10E-07	2.15E-03	1.66E-03	0.00021	1.8E-06	8.4E-07	0.0019
5424	488189.27, 3857649.94	0.94092	1.53782	1.38374	0.72251	1.93104	1.77E-03	0.00013	1.4E-06	2.2E-06	1.91E-03	2.17E-03	1.65E-04	1.42E-06	1.21E-06	2.33E-03	1.91E-03	0.00013	1.4E-06	1.2E-06	0.002
5425	488127.43, 3857732.32	1.03795	1.28437	1.44787	0.62102	2.29934	1.95E-03	0.00011	1.2E-06	2.6E-06	2.07E-03	2.39E-03	1.38E-04	1.22E-06	1.44E-06	2.53E-03	2.11E-03	0.00011	1.2E-06	1.5E-06	0.0022
5426	488149.93, 3857752.94	1.00212	1.19483	1.35102	0.5665	2.29419	1.88E-03	0.0001	1.1E-06	2.6E-06	1.99E-03	2.31E-03	1.28E-04	1.11E-06	1.43E-06	2.44E-03	2.03E-03	9.9E-05	1.1E-06	1.5E-06	0.0021
5427	488144.76, 3857758.71	1.00827	1.17864	1.35016	0.55777	2.32483	1.89E-03	0.0001	1.1E-06	2.6E-06	2.00E-03	2.32E-03	1.27E-04	1.09E-06	1.45E-06	2.45E-03	2.05E-03	9.7E-05	1.1E-06	1.5E-06	0.0021
5428	488335.58, 3857932.55	0.71598	0.67953	0.69785	0.3206	2.28375	1.35E-03	6E-05	6.4E-07	2.6E-06	1.41E-03	1.65E-03	7.31E-05	6.28E-07	1.43E-06	1.72E-03	1.45E-03	5.6E-05	6.1E-07	1.5E-06	0.0015
5429	488372.29, 3857943.79	0.68932	0.65613	0.66074	0.31212	2.13151	1.30E-03	5.8E-05	6.2E-07	2.4E-06	1.36E-03	1.59E-03	7.05E-05	6.11E-07	1.33E-06	1.66E-03	1.40E-03	5.4E-05	5.9E-07	1.4E-06	0.0015
5430	488828.64, 3857936.4	0.50916	0.58388	0.51852	0.29938	1.1096	9.57E-04	5.1E-05	5.9E-07	1.2E-06	1.01E-03	1.17E-03	6.28E-05	5.86E-07	6.94E-07	1.24E-03	1.03E-03	4.8E-05	5.7E-07	7.2E-07	0.0011
5431	488829.08, 3857959.58	0.50537	0.56181	0.50059	0.28957	1.08611	9.50E-04	4.9E-05	5.7E-07	1.2E-06	1.00E-03	1.16E-03	6.04E-05	5.67E-07	6.79E-07	1.23E-03	1.03E-03	4.6E-05	5.5E-07	7E-07	0.0011
5432	488351.61, 3857964.55	0.69428	0.62547	0.63355	0.29851	2.21534	1.30E-03	5.5E-05	5.9E-07	2.5E-06	1.36E-03	1.60E-03	6.72E-05	5.85E-07	1.39E-06	1.67E-03	1.41E-03	5.2E-05	5.7E-07	1.4E-06	0.0015
5433	488316.87, 3857947.65	0.72169	0.65601	0.67819	0.30998	2.38827	1.36E-03	5.8E-05	6.2E-07	2.7E-06	1.42E-03	1.66E-03	7.05E-05	6.07E-07	1.49E-06	1.73E-03	1.47E-03	5.4E-05	5.9E-07	1.5E-06	0.0015
5434	488129.1, 3857775.77	1.02533	1.12879	1.34212	0.53018	2.43325	1.93E-03	9.9E-05	1.1E-06	2.7E-06	2.03E-03	2.36E-03	1.21E-04	1.04E-06	1.52E-06	2.49E-03	2.08E-03	9.3E-05	1E-06	1.6E-06	0.0022
5435	488062.53, 3857846.13	1.06924	0.91883	1.21927	0.41369	3.18505	2.01E-03	8.1E-05	8.2E-07	3.6E-06	2.09E-03	2.46E-03	9.88E-05	8.10E-07	1.99E-06	2.56E-03	2.17E-03	7.6E-05	7.9E-07	2.1E-06	0.0022
5436	488330.41, 3858091.34	0.69074	0.4655	0.4541	0.23958	1.66751	1.30E-03	4.1E-05	4.8E-07	1.9E-06	1.34E-03	1.59E-03	5.00E-05	4.69E-07	1.04E-06	1.64E-03	1.40E-03	3.8E-05	4.6E-07	1.1E-06	0.0014

5437	488470.87, 3858174.45	0.63442	0.38921	0.36339	0.20983	1.01654	1.19E-03	3.4E-05	4.2E-07	1.1E-06	1.23E-03	1.46E-03	4.18E-05	4.11E-07	6.36E-07	1.50E-03	1.29E-03	3.2E-05	4E-07	6.6E-07	0.0013
5438	488568.9, 3858262.31	0.62717	0.32483	0.29783	0.18492	0.71532	1.18E-03	2.8E-05	3.7E-07	8E-07	1.21E-03	1.44E-03	3.49E-05	3.62E-07	4.47E-07	1.48E-03	1.27E-03	2.7E-05	3.5E-07	4.6E-07	0.0013
5439	488964.27, 3858025.71	0.46337	0.48577	0.42925	0.25989	0.88322	8.71E-04	4.3E-05	5.2E-07	9.9E-07	9.15E-04	1.07E-03	5.22E-05	5.09E-07	5.52E-07	1.12E-03	9.41E-04	4E-05	4.9E-07	5.7E-07	0.001
5440	489147.25, 3857956.64	0.43462	0.51546	0.444	0.27826	0.81066	8.17E-04	4.5E-05	5.5E-07	9.1E-07	8.63E-04	1.00E-03	5.54E-05	5.45E-07	5.07E-07	1.06E-03	8.82E-04	4.3E-05	5.3E-07	5.2E-07	0.0009
5441	489343.52, 3857932.45	0.40383	0.50464	0.42682	0.2773	0.71037	7.59E-04	4.4E-05	5.5E-07	7.9E-07	8.04E-04	9.30E-04	5.42E-05	5.43E-07	4.44E-07	9.85E-04	8.20E-04	4.2E-05	5.3E-07	4.6E-07	0.0009
5442	489866.19, 3857923.19	0.33427	0.4315	0.36115	0.25203	0.51741	6.28E-04	3.8E-05	5E-07	5.8E-07	6.67E-04	7.70E-04	4.64E-05	4.94E-07	3.24E-07	8.17E-04	6.79E-04	3.6E-05	4.8E-07	3.3E-07	0.0007
5443	489955.65, 3857902.27	0.32599	0.42719	0.35725	0.25187	0.49704	6.13E-04	3.7E-05	5E-07	5.6E-07	6.51E-04	7.51E-04	4.59E-05	4.93E-07	3.11E-07	7.97E-04	6.62E-04	3.5E-05	4.8E-07	3.2E-07	0.0007
5444	490079.44, 3857847.9	0.31731	0.4237	0.35401	0.25454	0.48398	5.96E-04	3.7E-05	5.1E-07	5.4E-07	6.35E-04	7.31E-04	4.55E-05	4.99E-07	3.03E-07	7.77E-04	6.44E-04	3.5E-05	4.8E-07	3.1E-07	0.0007
5445	490108.49, 3857934.13	0.30793	0.39373	0.33136	0.23713	0.45578	5.79E-04	3.5E-05	4.7E-07	5.1E-07	6.14E-04	7.09E-04	4.23E-05	4.65E-07	2.85E-07	7.52E-04	6.25E-04	3.3E-05	4.5E-07	2.9E-07	0.0007
5446	489884.48, 3858014.17	0.32499	0.39258	0.33345	0.23248	0.48413	6.11E-04	3.4E-05	4.6E-07	5.4E-07	6.46E-04	7.48E-04	4.22E-05	4.55E-07	3.03E-07	7.91E-04	6.60E-04	3.2E-05	4.4E-07	3.1E-07	0.0007
5447	489326.56, 3858025.86	0.39642	0.44694	0.3863	0.25083	0.66524	7.45E-04	3.9E-05	5E-07	7.4E-07	7.85E-04	9.13E-04	4.80E-05	4.91E-07	4.16E-07	9.62E-04	8.05E-04	3.7E-05	4.8E-07	4.3E-07	0.0008
5448	489130.38, 3858056.71	0.42669	0.44942	0.39373	0.24773	0.73814	8.02E-04	3.9E-05	4.9E-07	8.2E-07	8.43E-04	9.83E-04	4.83E-05	4.85E-07	4.62E-07	1.03E-03	8.66E-04	3.7E-05	4.7E-07	4.8E-07	0.0009
5449	488936.49, 3858143.93	0.46242	0.40659	0.35961	0.22194	0.75647	8.69E-04	3.6E-05	4.4E-07	8.5E-07	9.06E-04	1.06E-03	4.37E-05	4.35E-07	4.73E-07	1.11E-03	9.39E-04	3.4E-05	4.2E-07	4.9E-07	0.001
5450	488638.08, 3858327.45	0.62169	0.29149	0.2648	0.17182	0.57253	1.17E-03	2.6E-05	3.4E-07	6.4E-07	1.19E-03	1.43E-03	3.13E-05	3.37E-07	3.58E-07	1.46E-03	1.26E-03	2.4E-05	3.3E-07	3.7E-07	0.0013
5451	488663.79, 3858349.57	0.6189	0.28193	0.25546	0.16794	0.5348	1.16E-03	2.5E-05	3.3E-07	6E-07	1.19E-03	1.43E-03	3.03E-05	3.29E-07	3.34E-07	1.46E-03	1.26E-03	2.3E-05	3.2E-07	3.5E-07	0.0013
5452	488694.56, 3858349.5	0.59821	0.28295	0.2559	0.16756	0.5317	1.12E-03	2.5E-05	3.3E-07	5.9E-07	1.15E-03	1.38E-03	3.04E-05	3.28E-07	3.33E-07	1.41E-03	1.21E-03	2.3E-05	3.2E-07	3.4E-07	0.0012
5453	488694.35, 3858336.75	0.59083	0.28905	0.26147	0.16969	0.55046	1.11E-03	2.5E-05	3.4E-07	6.2E-07	1.14E-03	1.36E-03	3.11E-05	3.32E-07	3.44E-07	1.39E-03	1.20E-03	2.4E-05	3.2E-07	3.6E-07	0.0012
5454	488712.81, 3858336.38	0.57964	0.28995	0.26191	0.16963	0.54861	1.09E-03	2.5E-05	3.4E-07	6.1E-07	1.12E-03	1.33E-03	3.12E-05	3.32E-07	3.43E-07	1.37E-03	1.18E-03	2.4E-05	3.2E-07	3.5E-07	0.0012
5455	488713.23, 3858367.46	0.59738	0.27523	0.24859	0.16444	0.50521	1.12E-03	2.4E-05	3.3E-07	5.6E-07	1.15E-03	1.38E-03	2.96E-05	3.22E-07	3.16E-07	1.41E-03	1.21E-03	2.3E-05	3.1E-07	3.3E-07	0.0012
5456	488704.63, 3858384.05	0.61465	0.26762	0.24178	0.16197	0.48457	1.16E-03	2.3E-05	3.2E-07	5.4E-07	1.18E-03	1.42E-03	2.88E-05	3.17E-07	3.03E-07	1.44E-03	1.25E-03	2.2E-05	3.1E-07	3.1E-07	0.0013
5457	488604.15, 3858488.29	0.87722	0.23111	0.20765	0.15018	0.38184	1.65E-03	2E-05	3E-07	4.3E-07	1.67E-03	2.02E-03	2.48E-05	2.94E-07	2.39E-07	2.05E-03	1.78E-03	1.9E-05	2.9E-07	2.5E-07	0.0018
5458	488605.66, 3858550.47	1.07485	0.21469	0.19243	0.14281	0.33792	2.02E-03	1.9E-05	2.8E-07	3.8E-07	2.04E-03	2.48E-03	2.31E-05	2.80E-07	2.11E-07	2.50E-03	2.18E-03	1.8E-05	2.7E-07	2.2E-07	0.0022
5459	488692.68, 3858548.71	0.85144	0.21379	0.19191	0.14169	0.33563	1.60E-03	1.9E-05	2.8E-07	3.8E-07	1.62E-03	1.96E-03	2.30E-05	2.78E-07	2.10E-07	1.98E-03	1.73E-03	1.8E-05	2.7E-07	2.2E-07	0.0017
5460	488759.93, 3858461.81	0.63555	0.23928	0.21548	0.15064	0.39941	1.19E-03	2.1E-05	3E-07	4.5E-07	1.22E-03	1.46E-03	2.57E-05	2.95E-07	2.50E-07	1.49E-03	1.29E-03	2E-05	2.9E-07	2.6E-07	0.0013
5461	488816.57, 3858541.79	0.66561	0.21528	0.19357	0.14047	0.33667	1.25E-03	1.9E-05	2.8E-07	3.8E-07	1.27E-03	1.53E-03	2.31E-05	2.75E-07	2.11E-07	1.56E-03	1.35E-03	1.8E-05	2.7E-07	2.2E-07	0.0014
5462	488944.63, 3858656.77	0.66421	0.18826	0.16935	0.12752	0.27313	1.25E-03	1.7E-05	2.5E-07	3.1E-07	1.27E-03	1.53E-03	2.02E-05	2.50E-07	1.71E-07	1.55E-03	1.35E-03	1.6E-05	2.4E-07	1.8E-07	0.0014
5463	489134.91, 3858830.7	0.53005	0.15748	0.14235	0.11173	0.21179	9.96E-04	1.4E-05	2.2E-07	2.4E-07	1.01E-03	1.22E-03	1.69E-05	2.19E-07	1.32E-07	1.24E-03	1.08E-03	1.3E-05	2.1E-07	1.4E-07	0.0011
5464	489193.99, 3858886.05	0.41251	0.14951	0.13542	0.10744	0.1976	7.75E-04	1.3E-05	2.1E-07	2.2E-07	7.89E-04	9.50E-04	1.61E-05	2.10E-07	1.24E-07	9.66E-04	8.38E-04	1.2E-05	2E-07	1.3E-07	0.0009
5465	489295.2, 3858954.34	0.29791	0.14018	0.12739	0.10205	0.18188	5.60E-04	1.2E-05	2E-07	2E-07	5.73E-04	6.86E-04	1.51E-05	2.00E-07	1.14E-07	7.01E-04	6.05E-04	1.2E-05	1.9E-07	1.2E-07	0.0006
5466	489295.64, 3858992.74	0.2668	0.13594	0.12368	0.09998	0.17528	5.01E-04	1.2E-05	2E-07	2E-07	5.14E-04	6.14E-04	1.46E-05	1.96E-07	1.10E-07	6.29E-04	5.42E-04	1.1E-05	1.9E-07	1.1E-07	0.0006
5467	489183.74, 3858911.72	0.38648	0.14652	0.13278	0.10611	0.19259	7.26E-04	1.3E-05	2.1E-07	2.2E-07	7.40E-04	8.90E-04	1.58E-05	2.08E-07	1.20E-07	9.06E-04	7.85E-04	1.2E-05	2E-07	1.2E-07	0.0008
5468	488873.37, 3858625.59	0.70912	0.19513	0.17536	0.13143	0.28861	1.33E-03	1.7E-05	2.6E-07	3.2E-07	1.35E-03	1.63E-03	2.10E-05	2.57E-07	1.81E-07	1.65E-03	1.44E-03	1.6E-05	2.5E-07	1.9E-07	0.0015
5469	488842.84, 3858658.69	0.81783	0.18837	0.1692	0.12884	0.27485	1.54E-03	1.7E-05	2.6E-07	3.1E-07	1.55E-03	1.88E-03	2.03E-05	2.52E-07	1.72E-07	1.90E-03	1.66E-03	1.6E-05	2.5E-07	1.8E-07	0.0017
5470	488856.39, 3858670.93	0.81855	0.18613	0.1672	0.12771	0.26946	1.54E-03	1.6E-05	2.5E-07	3E-07	1.56E-03	1.88E-03	2.00E-05	2.50E-07	1.69E-07	1.91E-03	1.66E-03	1.5E-05	2.4E-07	1.7E-07	0.0017
5471	488805.7, 3858724.5	1.15152	0.17733	0.15931	0.12384	0.25248	2.16E-03	1.6E-05	2.5E-07	2.8E-07	2.18E-03	2.65E-03	1.91E-05	2.43E-07	1.58E-07	2.67E-03	2.34E-03	1.5E-05	2.4E-07	1.6E-07	0.0024
5472	488805.87, 3858804.16	1.91908	0.16469	0.14841	0.11735	0.22925	3.61E-03	1.4E-05	2.3E-07	2.6E-07	3.62E-03	4.42E-03	1.77E-05	2.30E-07	1.43E-07	4.44E-03	3.90E-03	1.4E-05	2.2E-07	1.5E-07	0.0039
5473	488995.78, 3858936.96	0.44352	0.14567	0.13199	0.10662	0.19405	8.33E-04	1.3E-05	2.1E-07	2.2E-07	8.47E-04	1.02E-03	1.57E-05	2.09E-07	1.21E-07	1.04E-03	9.01E-04	1.2E-05	2E-07	1.3E-07	0.0009
5474	489130.76, 3859017.38	0.26245	0.13586	0.12353	0.10084	0.17652	4.93E-04	1.2E-05	2E-07	2E-07	5.06E-04	6.04E-04	1.46E-05	1.98E-07	1.10E-07	6.19E-04	5.33E-04	1.1E-05	1.9E-07	1.1E-07	0.0005
5475	489130.92, 3859052.24	0.22948	0.13251	0.12069	0.09897	0.17132	4.31E-04	1.2E-05	2E-07	1.9E-07	4.43E-04	5.28E-04	1.42E-05	1.94E-07	1.07E-07	5.43E-04	4.66E-04	1.1E-05	1.9E-07	1.1E-07	0.0005
5476	489200.33, 3859090.6	0.20348	0.12806	0.11685	0.09626	0.16424	3.82E-04	1.1E-05	1.9E-07	1.8E-07	3.94E-04	4.69E-04	1.38E-05	1.89E-07	1.03E-07	4.83E-04	4.13E-04	1.1E-05	1.8E-07	1.1E-07	0.0004
5477	489296.07, 3859143.7	0.17794	0.12218	0.11178	0.09264	0.15515	3.34E-04	1.1E-05	1.8E-07	1.7E-07	3.45E-04	4.10E-04	1.31E-05	1.81E-07	9.70E-08	4.23E-04	3.61E-04	1E-05	1.8E-07	1E-07	0.0004
5478	489296.43, 3858954.74	0.29725	0.14012	0.12733	0.10201	0.18179	5.59E-04	1.2E-05	2E-07	2E-07	5.71E-04	6.85E-04	1.51E-05	2.00E-07	1.14E-07	7.00E-04	6.04E-04	1.2E-05	1.9E-07	1.2E-07	0.0006
5479	489410.33, 3859033.19	0.22667	0.13066	0.11919	0.09644	0.16638	4.26E-04	1.1E-05	1.9E-07	1.9E-07	4.38E-04	5.22E-04	1.40E-05	1.89E-07	1.04E-07	5.36E-04	4.60E-04	1.1E-05	1.8E-07	1.1E-07	0.0005
5480	489371.37, 3859089.8	0.20115	0.12573	0.11484	0.09424	0.15942	3.78E-04	1.1E-05	1.9E-07	1.8E-07	3.89E-04	4.63E-04	1.35E-05	1.85E-07	9.97E-08	4.77E-04	4.08E-04	1E-05	1.8E-07	1E-07	0.0004
5481	489390.52, 3859102.82	0.19453	0.12433	0.11364	0.09339	0.15728	3.66E-04	1.1E-05	1.9E-07	1.8E-07	3.77E-04	4.48E-04	1.34E-05	1.83E-07	9.84E-08	4.62E-04	3.95E-04	1E-05	1.8E-07	1E-07	0.0004
5482	489382.3, 3859114.53	0.1897	0.1235	0.11291	0.093	0.15609	3.56E-04	1.1E-05	1.8E-07	1.7E-07	3.68E-04	4.37E-04	1.33E-05	1.82E-07	9.76E-08	4.50E-04	3.85E-04	1E-05	1.8E-07	1E-07	0.0004
5483	489363.04, 3859102.45	0.19555	0.1248	0.11403	0.0938	0.15808	3.67E-04	1.1E-05	1.9E-07	1.8E-07	3.79E-04	4.50E-04	1.34E-05	1.84E-07	9.89E-08	4.64E-04	3.97E-04	1E-05	1.8E-07	1E-07	0.0004
5484	489337.52, 3859140.71	0.17919	0.12187	0.1115	0.09231	0.15435	3.37E-04	1.1E-05	1.8E-07	1.7E-07	3.48E-04	4.13E-04	1.31E-05	1.81E-07	9.65E-08	4.26E-04	3.64E-04	1E-05	1.8E-07	1E-07	0.0004
5485	489375.14, 3859164.55	0.17009	0.11949	0.10945	0.09084	0.15065	3.20E-04	1E-05	1.8E-07	1.7E-07	3.30E-04	3.92E-04	1.28E-05	1.78E-07	9.42E-08	4.05E-04	3.45E-04	9.9E-06	1.7E-07	9.7E-08	0.0004
5486	489409.3, 3859114.5	0.18898	0.12309	0.11257	0.09262	0.15536	3.55E-04	1.1E-05	1.8E-07	1.7E-07	3.66E-04	4.35E-04	1.32E-05	1.81E-07	9.72E-08	4.49E-04	3.84E-04	1E-05	1.8E-07	1E-07	0.0004
5487	489434.87, 3859131.81	0.18155	0.12138	0.1111	0.09156	0.15263	3.41E-04	1.1E-05	1.8E-07	1.7E-07	3.52E-04	4.18E-04	1.30E-05	1.79E-07	9.55E-08	4.31E-04	3.69E-04	1E-05	1.7E-07	9.9E-08	0.0004
5488	489471.87, 3859075.75	0.20207	0.126	0.11517	0.09364	0.15898	3.80E-04	1.1E-05	1.9E-07	1.8E-07	3.91E-04	4.65E-04	1.35E-05	1.83E-07	9.94E-08	4.79E-04	4.10E-04	1E-05	1.8E-07	1E-07	0.0004
5489	489602.62, 3859164.69	0.16652	0.11694	0.10735	0.08811	0.14527	3.13E-04	1E-05	1.7E-07	1.6E-07	3.24E-04	3.83E-04	1.26E-05	1.73E-07	9.09E-08	3.96E-04	3.38E-04	9.7E-06	1.7E-07	9.4E-08	0.0003
5490	489558.29, 3859232.45	0.1495	0.11223	0.1032	0.08596	0.13895	2.81E-04	9.8E-06	1.7E-07	1.6E-07	2.91E-04	3.44E-04	1.21E-05	1.68E-07	8.69E-08	3.57E-04	3.04E-04	9.3E-06	1.6E-07	9E-08	0.0003
5491	489620.11, 3859273.56	0.13983	0.10851	0.09999	0.08359	0.13374	2.63E-04	9.5E-06	1.7E-07	1.5E-07	2.73E-04	3.22E-04	1.17E-05	1.64E-07	8.36E-08	3.34E-04	2.84E-04	9E-06	1.6E-07	8.6E-08	0.0003
5492	489666.06, 3859206.42	0.15437	0.11293	0.10388	0.08561	0.13953	2.90E-04	9.9E-06	1.7E-07	1.6E-07	3.00E-04	3.55E-04	1.21E-05	1.68E-07	8.73E-08	3.68E-04	3.13E-04	9.3E-06	1.6E-07	9E-08	0.0003
5493	489787.9, 3859285.65	0.13621	0.10603	0.0979	0.08124	0.12965	2.56E-04	9.3E-06	1.6E-07	1.4E-07	2.66E-04	3.14E-04	1.14E-05	1.59E-07	8.11E-08	3.25E-04	2.77E-04	8.8E-06	1.5E-07	8.4E-08	0.0003
5494	489752.17, 3859343.13	0.12645	0.10252	0.0948	0.0796	0.1251	2.38E-04	9E-06	1.6E-07	1.4E-07	2.47E-04	2.91E-04	1.10E-05	1.56E-07	7.82E-08	3.02E-04	2.57E-04	8.5E-06	1.5E-07	8.1E-08	0.0003
5495	489814.94, 3859385.33	0.11973	0.09932	0.09202	0.07751	0.12064	2.25E-04	8.7E-06	1.5E-07	1.3E-07	2.34E-04	2.76E-04	1.07E-05	1.52E-07	7.55E-08	2.87E-04	2.43E-04	8.2E-06	1.5E-07	7.8E-08	0.0003
5496	489853.42, 3859330.74	0.12793	0.10241	0.09475	0.07893	0.12461	2.40E-04	9E-06	1.6E-07	1.4E-07	2.50E-04	2.95E-04	1.10E-05	1.55E-07	7.79E-08	3.06E-04	2.60E-04	8.5E-06	1.5E-07	8E-08	0.0003
5497	489969.5, 3859401.91	0.11687	0.09702	0.09005	0.07539	0.1172	2.20E-04	8.5E-06	1.5E-07	1.3E-07	2.28E-04	2.69E-04	1.04E-05	1.48E-07	7.33E-08	2.80E-04	2.37E-04	8E-06	1.4E-07	7.6E-08	0.0002
5498	490166.91, 3859486.96	0.10575	0.0906	0.08442	0.07085	0.10903	1.99E-04	7.9E-06	1.4E-07	1.2E-07	2.07E-04	2.44E-04	9.74E-06	1.39E-07	6.82E-08	2.53E-04	2.15E-04	7.5E-06	1.3E-07	7E-08	0.0002
5499	490128.86, 3859571.46	0.09722	0.08606	0.0804	0.06852	0.10343	1.83E-04	7.5E-06	1.4E-07	1.2E-07	1.90E-04	2.24E-04	9.25E-06	1.34E-07	6.47E-08	2.33E-04	1.97E-04	7.1E-06	1.3E-07	6.7E-08	0.0002
5500	490186.65, 3859593.65	0.09514	0.08459	0.07911	0.06743	0.10145	1.79E-04	7.4E-06	1.3E-07	1.1E-07	1.86E-04	2.19E-04	9.09E-06	1.32E-07	6.35E-08	2.28E-04	1.93E-04	7E-06	1.3E-07	6.6E-08	0.0002

5501	490223.74, 3859517.48	0.10242	0.08866	0.08271	0.06952	0.10643	1.92E-04	7.8E-06	1.4E-07	1.2E-07	2.01E-04	2.36E-04	9.53E-06	1.36E-07	6.66E-08	2.46E-04	2.08E-04	7.3E-06	1.3E-07	6.9E-08	0.0002
5502	490846.34, 3859817.22	0.07928	0.07406	0.06978	0.05903	0.08602	1.49E-04	6.5E-06	1.2E-07	9.6E-08	1.56E-04	1.83E-04	7.96E-06	1.16E-07	5.38E-08	1.91E-04	1.61E-04	6.1E-06	1.1E-07	5.6E-08	0.0002
5503	490925.65, 3859844.59	0.07782	0.07312	0.06893	0.05826	0.08431	1.46E-04	6.4E-06	1.2E-07	9.4E-08	1.53E-04	1.79E-04	7.86E-06	1.14E-07	5.27E-08	1.87E-04	1.58E-04	6E-06	1.1E-07	5.4E-08	0.0002
5504	491159.29, 3859896.28	0.0745	0.07112	0.067	0.05638	0.08273	1.40E-04	6.2E-06	1.1E-07	9.2E-08	1.46E-04	1.72E-04	7.65E-06	1.10E-07	5.17E-08	1.79E-04	1.51E-04	5.9E-06	1.1E-07	5.3E-08	0.0002
5505	491370.69, 3859960.89	0.07071	0.0683	0.06436	0.05416	0.0802	1.33E-04	6E-06	1.1E-07	9E-08	1.39E-04	1.63E-04	7.34E-06	1.06E-07	5.02E-08	1.70E-04	1.44E-04	5.6E-06	1E-07	5.2E-08	0.0001
5506	491330.28, 3860063.17	0.06539	0.06274	0.05949	0.05095	0.07398	1.23E-04	5.5E-06	1E-07	8.3E-08	1.29E-04	1.51E-04	6.74E-06	9.98E-08	4.63E-08	1.57E-04	1.33E-04	5.2E-06	9.7E-08	4.8E-08	0.0001
5507	491636.45, 3860180.75	0.06096	0.05949	0.05649	0.04833	0.06973	1.15E-04	5.2E-06	9.6E-08	7.8E-08	1.20E-04	1.40E-04	6.40E-06	9.47E-08	4.36E-08	1.47E-04	1.24E-04	4.9E-06	9.2E-08	4.5E-08	0.0001
5508	491617.94, 3860203.93	0.05996	0.05842	0.05555	0.04772	0.06849	1.13E-04	5.1E-06	9.5E-08	7.7E-08	1.18E-04	1.38E-04	6.28E-06	9.35E-08	4.28E-08	1.44E-04	1.22E-04	4.8E-06	9.1E-08	4.4E-08	0.0001
5509	491805.68, 3860271.59	0.05767	0.05669	0.05394	0.04629	0.06634	1.08E-04	5E-06	9.2E-08	7.4E-08	1.14E-04	1.33E-04	6.09E-06	9.07E-08	4.15E-08	1.39E-04	1.17E-04	4.7E-06	8.8E-08	4.3E-08	0.0001
5510	491654.23, 3860414.02	0.05275	0.05179	0.04962	0.04353	0.06032	9.91E-05	4.5E-06	8.6E-08	6.7E-08	1.04E-04	1.21E-04	5.57E-06	8.53E-08	3.77E-08	1.27E-04	1.07E-04	4.3E-06	8.3E-08	3.9E-08	0.0001
5511	491592.62, 3860510.76	0.04953	0.04902	0.0471	0.04175	0.05723	9.31E-05	4.3E-06	8.3E-08	6.4E-08	9.75E-05	1.14E-04	5.27E-06	8.18E-08	3.58E-08	1.19E-04	1.01E-04	4.1E-06	7.9E-08	3.7E-08	0.0001
5512	491475.41, 3860368.93	0.05337	0.05228	0.05007	0.04407	0.06139	1.00E-04	4.6E-06	8.7E-08	6.9E-08	1.05E-04	1.23E-04	5.62E-06	8.63E-08	3.84E-08	1.29E-04	1.08E-04	4.3E-06	8.4E-08	4E-08	0.0001
5513	491445.61, 3860337.28	0.05433	0.05309	0.05082	0.04465	0.06242	1.02E-04	4.7E-06	8.9E-08	7E-08	1.07E-04	1.25E-04	5.71E-06	8.75E-08	3.90E-08	1.31E-04	1.10E-04	4.4E-06	8.5E-08	4E-08	0.0001
5514	491399.05, 3860300.37	0.05561	0.0542	0.05182	0.04546	0.06374	1.05E-04	4.8E-06	9E-08	7.1E-08	1.09E-04	1.28E-04	5.83E-06	8.91E-08	3.99E-08	1.34E-04	1.13E-04	4.5E-06	8.6E-08	4.1E-08	0.0001
5515	491228.84, 3860235.98	0.05773	0.05609	0.05356	0.04699	0.06614	1.08E-04	4.9E-06	9.3E-08	7.4E-08	1.14E-04	1.33E-04	6.03E-06	9.20E-08	4.14E-08	1.39E-04	1.17E-04	4.6E-06	8.9E-08	4.3E-08	0.0001
5516	491228.47, 3860174.57	0.06019	0.05807	0.05535	0.04827	0.0685	1.13E-04	5.1E-06	9.6E-08	7.7E-08	1.18E-04	1.39E-04	6.24E-06	9.46E-08	4.28E-08	1.45E-04	1.22E-04	4.8E-06	9.2E-08	4.4E-08	0.0001
5517	491145.77, 3860112.55	0.06293	0.06038	0.05744	0.04993	0.07117	1.18E-04	5.3E-06	9.9E-08	8E-08	1.24E-04	1.45E-04	6.49E-06	9.78E-08	4.45E-08	1.52E-04	1.28E-04	5E-06	9.5E-08	4.6E-08	0.0001
5518	490844.41, 3859966.22	0.07045	0.06684	0.06332	0.05475	0.07823	1.32E-04	5.9E-06	1.1E-07	8.7E-08	1.38E-04	1.62E-04	7.19E-06	1.07E-07	4.89E-08	1.70E-04	1.43E-04	5.5E-06	1E-07	5.1E-08	0.0001
5519	490845.55, 3859928.15	0.07251	0.0684	0.06472	0.05569	0.08001	1.36E-04	6E-06	1.1E-07	8.9E-08	1.42E-04	1.67E-04	7.35E-06	1.09E-07	5.00E-08	1.74E-04	1.47E-04	5.7E-06	1.1E-07	5.2E-08	0.0002
5520	490046.91, 3859625.6	0.09261	0.08439	0.07892	0.06792	0.10167	1.74E-04	7.4E-06	1.3E-07	1.1E-07	1.82E-04	2.13E-04	9.07E-06	1.33E-07	6.36E-08	2.23E-04	1.88E-04	7E-06	1.3E-07	6.6E-08	0.0002
5521	489970.48, 3859589.4	0.09601	0.08692	0.08115	0.06972	0.10493	1.80E-04	7.6E-06	1.4E-07	1.2E-07	1.88E-04	2.21E-04	9.34E-06	1.37E-07	6.56E-08	2.31E-04	1.95E-04	7.2E-06	1.3E-07	6.8E-08	0.0002
5522	489865.89, 3859529.06	0.1021	0.0911	0.08483	0.0726	0.11026	1.92E-04	8E-06	1.4E-07	1.2E-07	2.00E-04	2.35E-04	9.79E-06	1.42E-07	6.90E-08	2.45E-04	2.07E-04	7.5E-06	1.4E-07	7.1E-08	0.0002
5523	489826.89, 3859531.74	0.10208	0.09145	0.08514	0.07294	0.11089	1.92E-04	8E-06	1.4E-07	1.2E-07	2.00E-04	2.35E-04	9.83E-06	1.43E-07	6.94E-08	2.45E-04	2.07E-04	7.6E-06	1.4E-07	7.2E-08	0.0002
5524	489410.47, 3859303.06	0.13483	0.1089	0.10038	0.08456	0.13605	2.53E-04	9.6E-06	1.7E-07	1.5E-07	2.63E-04	3.10E-04	1.17E-05	1.66E-07	8.51E-08	3.22E-04	2.74E-04	9E-06	1.6E-07	8.8E-08	0.0003
5525	489407.15, 3859286.09	0.1379	0.11012	0.10142	0.0853	0.13771	2.59E-04	9.7E-06	1.7E-07	1.5E-07	2.69E-04	3.18E-04	1.18E-05	1.67E-07	8.61E-08	3.30E-04	2.80E-04	9.1E-06	1.6E-07	8.9E-08	0.0003
5526	488806.07, 3858963.62	0.33768	0.1423	0.12945	0.10523	0.19083	6.35E-04	1.2E-05	2.1E-07	2.1E-07	6.47E-04	7.78E-04	1.53E-05	2.06E-07	1.19E-07	7.93E-04	6.86E-04	1.2E-05	2E-07	1.2E-07	0.0007
5527	488817.64, 3859546.3	0.10219	0.08794	0.08206	0.07152	0.10851	1.92E-04	7.7E-06	1.4E-07	1.2E-07	2.00E-04	2.35E-04	9.45E-06	1.40E-07	6.79E-08	2.45E-04	2.07E-04	7.3E-06	1.4E-07	7E-08	0.0002
5528	489187.25, 3859549.52	0.10423	0.09075	0.08484	0.07314	0.11141	1.96E-04	8E-06	1.5E-07	1.2E-07	2.04E-04	2.40E-04	9.76E-06	1.43E-07	6.97E-08	2.50E-04	2.12E-04	7.5E-06	1.4E-07	7.2E-08	0.0002
5529	489187.66, 3859523.74	0.10702	0.09251	0.0864	0.07433	0.11381	2.01E-04	8.1E-06	1.5E-07	1.3E-07	2.10E-04	2.46E-04	9.95E-06	1.46E-07	7.12E-08	2.57E-04	2.17E-04	7.7E-06	1.4E-07	7.4E-08	0.0002
5530	489232.59, 3859522.85	0.10755	0.09306	0.0869	0.07469	0.11434	2.02E-04	8.2E-06	1.5E-07	1.3E-07	2.11E-04	2.48E-04	1.00E-05	1.46E-07	7.15E-08	2.58E-04	2.18E-04	7.7E-06	1.4E-07	7.4E-08	0.0002
5531	489224.98, 3859759.91	0.08624	0.07848	0.07385	0.06464	0.09503	1.62E-04	6.9E-06	1.3E-07	1.1E-07	1.69E-04	1.99E-04	8.44E-06	1.27E-07	5.94E-08	2.07E-04	1.75E-04	6.5E-06	1.2E-07	6.1E-08	0.0002
5532	488401.39, 3859763.34	0.08227	0.07038	0.06782	0.06181	0.08964	1.55E-04	6.2E-06	1.2E-07	1E-07	1.61E-04	1.89E-04	7.57E-06	1.21E-07	5.61E-08	1.97E-04	1.67E-04	5.8E-06	1.2E-07	5.8E-08	0.0002
5533	488405.51, 3859966.16	0.07116	0.06239	0.06058	0.05576	0.07854	1.34E-04	5.5E-06	1.1E-07	8.8E-08	1.39E-04	1.64E-04	6.71E-06	1.09E-07	4.91E-08	1.71E-04	1.44E-04	5.2E-06	1.1E-07	5.1E-08	0.0001
5534	489202.85, 3859956.57	0.07439	0.06924	0.0655	0.05827	0.0831	1.40E-04	6.1E-06	1.2E-07	9.3E-08	1.46E-04	1.71E-04	7.44E-06	1.14E-07	5.20E-08	1.79E-04	1.51E-04	5.7E-06	1.1E-07	5.4E-08	0.0002
5535	489191.9, 3860676.74	0.04867	0.04643	0.04483	0.04182	0.05466	9.15E-05	4.1E-06	8.3E-08	6.1E-08	9.57E-05	1.12E-04	4.99E-06	8.19E-08	3.42E-08	1.17E-04	9.88E-05	3.8E-06	8E-08	3.5E-08	0.0001
5536	488392.82, 3860687.88	0.04792	0.04511	0.0431	0.04059	0.05297	9.01E-05	4E-06	8.1E-08	5.9E-08	9.41E-05	1.10E-04	4.85E-06	7.95E-08	3.31E-08	1.15E-04	9.73E-05	3.7E-06	7.7E-08	3.4E-08	0.0001
5537	488392.82, 3860760.27	0.04663	0.04417	0.04208	0.0397	0.05131	8.76E-05	3.9E-06	7.9E-08	5.7E-08	9.16E-05	1.07E-04	4.75E-06	7.78E-08	3.21E-08	1.12E-04	9.47E-05	3.7E-06	7.6E-08	3.3E-08	1E-04
5538	487549.05, 3860777.45	0.04526	0.03914	0.03931	0.03888	0.04956	8.51E-05	3.4E-06	7.7E-08	5.5E-08	8.86E-05	1.04E-04	4.21E-06	7.62E-08	3.10E-08	1.09E-04	9.19E-05	3.2E-06	7.4E-08	3.2E-08	1E-04
5539	487554.62, 3859571.83	0.08786	0.07483	0.07161	0.06614	0.09977	1.65E-04	6.6E-06	1.3E-07	1.1E-07	1.72E-04	2.02E-04	8.04E-06	1.30E-07	6.24E-08	2.11E-04	1.78E-04	6.2E-06	1.3E-07	6.4E-08	0.0002
5540	485949.46, 3859558.54	0.07496	0.07921	0.07005	0.0671	0.0905	1.41E-04	6.9E-06	1.3E-07	1E-07	1.48E-04	1.73E-04	8.52E-06	1.31E-07	5.66E-08	1.81E-04	1.52E-04	6.6E-06	1.3E-07	5.8E-08	0.0002
5541	485947.55, 3857943.61	0.2058	0.23974	0.20962	0.2036	0.28398	3.87E-04	2.1E-05	4E-07	3.2E-07	4.08E-04	4.74E-04	2.58E-05	3.99E-07	1.78E-07	5.00E-04	4.18E-04	2E-05	3.9E-07	1.8E-07	0.0004
5542	484738.38, 3857940.21	0.13422	0.11263	0.13542	0.1468	0.16824	2.52E-04	9.9E-06	2.9E-07	1.9E-07	2.63E-04	3.09E-04	1.21E-05	2.88E-07	1.05E-07	3.22E-04	2.73E-04	9.3E-06	2.8E-07	1.1E-07	0.0003
5543	484737.06, 3857535.68	0.16538	0.12476	0.16763	0.18664	0.20823	3.11E-04	1.1E-05	3.7E-07	2.3E-07	3.22E-04	3.81E-04	1.34E-05	3.66E-07	1.30E-07	3.95E-04	3.36E-04	1E-05	3.6E-07	1.3E-07	0.0003
5544	483730.2, 3857530.13	0.11839	0.09754	0.11952	0.13067	0.13387	2.22E-04	8.6E-06	2.6E-07	1.5E-07	2.31E-04	2.73E-04	1.05E-05	2.56E-07	8.37E-08	2.83E-04	2.40E-04	8.1E-06	2.5E-07	8.6E-08	0.0002
5545	483727.27, 3857130.01	0.13852	0.11319	0.1401	0.15427	0.15405	2.60E-04	9.9E-06	3.1E-07	1.7E-07	2.71E-04	3.19E-04	1.22E-05	3.02E-07	9.63E-08	3.32E-04	2.81E-04	9.4E-06	2.9E-07	1E-07	0.0003
5546	483124.42, 3857123.45	0.11182	0.10163	0.11144	0.12035	0.11557	2.10E-04	8.9E-06	2.4E-07	1.3E-07	2.19E-04	2.58E-04	1.09E-05	2.36E-07	7.23E-08	2.69E-04	2.27E-04	8.4E-06	2.3E-07	7.5E-08	0.0002
5547	483111.13, 3855921.03	0.16343	0.16809	0.15598	0.16642	0.13636	3.07E-04	1.5E-05	3.3E-07	1.5E-07	3.22E-04	3.76E-04	1.81E-05	3.26E-07	8.53E-08	3.95E-04	3.32E-04	1.4E-05	3.2E-07	8.8E-08	0.0003
5548	482701.73, 3855918.24	0.13389	0.14569	0.12552	0.13257	0.10777	2.52E-04	1.3E-05	2.6E-07	1.2E-07	2.65E-04	3.08E-04	1.57E-05	2.60E-07	6.74E-08	3.24E-04	2.72E-04	1.2E-05	2.5E-07	7E-08	0.0003
5549	482668.02, 3853521.78	0.1484	0.06991	0.05245	0.05612	0.03696	2.79E-04	6.1E-06	1.1E-07	4.1E-08	2.85E-04	3.42E-04	7.52E-06	1.10E-07	2.31E-08	3.49E-04	3.01E-04	5.8E-06	1.1E-07	2.4E-08	0.0003
5550	482579.91, 3853219.19	0.07775	0.06179	0.04871	0.05256	0.03665	1.46E-04	5.4E-06	1E-07	4.1E-08	1.52E-04	1.79E-04	6.64E-06	1.03E-07	2.29E-08	1.86E-04	1.58E-04	5.1E-06	1E-07	2.4E-08	0.0002
5551	482434.06, 3852961.94	0.06214	0.05381	0.04464	0.04894	0.0358	1.17E-04	4.7E-06	9.7E-08	4E-08	1.22E-04	1.43E-04	5.78E-06	9.59E-08	2.24E-08	1.49E-04	1.26E-04	4.5E-06	9.3E-08	2.3E-08	0.0001
5552	482332.11, 3852832.85	0.05664	0.04985	0.04212	0.04638	0.03458	1.06E-04	4.4E-06	9.2E-08	3.9E-08	1.11E-04	1.30E-04	5.36E-06	9.09E-08	2.16E-08	1.36E-04	1.15E-04	4.1E-06	8.8E-08	2.2E-08	0.0001
5553	481334.99, 3851818.96	0.03325	0.03078	0.02759	0.0305	0.02358	6.25E-05	2.7E-06	6.1E-08	2.6E-08	6.53E-05	7.66E-05	3.31E-06	5.97E-08	1.47E-08	8.00E-05	6.75E-05	2.5E-06	5.8E-08	1.5E-08	7E-05
5554	481127.62, 3851646.36	0.03074	0.02853	0.02562	0.02827	0.02175	5.78E-05	2.5E-06	5.6E-08	2.4E-08	6.03E-05	7.08E-05	3.07E-06	5.54E-08	1.36E-08	7.39E-05	6.24E-05	2.4E-06	5.4E-08	1.4E-08	6E-05
5555	481025.04, 3851591.73	0.02974	0.0276	0.0247	0.02719	0.02063	5.59E-05	2.4E-06	5.4E-08	2.3E-08	5.84E-05	6.85E-05	2.97E-06	5.33E-08	1.29E-08	7.15E-05	6.04E-05	2.3E-06	5.2E-08	1.3E-08	6E-05
5556	480513.6, 3851335.76	0.02503	0.02268	0.02019	0.02223	0.0155	4.70E-05	2E-06	4.4E-08	1.7E-08	4.91E-05	5.76E-05	2.44E-06	4.35E-08	9.69E-09	6.01E-05	5.08E-05	1.9E-06	4.2E-08	1E-08	5E-05
5557	480523.56, 3851317.66	0.02511	0.02285	0.02037	0.02241	0.01576	4.72E-05	2E-06	4.4E-08	1.8E-08	4.93E-05	5.78E-05	2.46E-06	4.39E-08	9.86E-09	6.03E-05	5.10E-05	1.9E-06	4.3E-08	1E-08	5E-05
5558	476921.56, 3849569.11	0.01125	0.01001	0.00952	0.01108	0.00809	2.11E-05	8.8E-07	2.2E-08	9E-09	2.21E-05	2.59E-05	1.08E-06	2.17E-08	5.06E-09	2.70E-05	2.28E-05	8.3E-07	2.1E-08	5.2E-09	2E-05
5559	476521.19, 3849373.96	0.01045	0.00948	0.00907	0.01029	0.0076	1.96E-05	8.3E-07	2E-08	8.5E-09	2.05E-05	2.41E-05	1.02E-06	2.02E-08	4.75E-09	2.51E-05	2.12E-05	7.8E-07	2E-08	4.9E-09	2E-05
5560	476391.45, 3849333.38	0.01034	0.0094	0.009	0.01018	0.00755	1.94E-05	8.2E-07	2E-08	8.4E-09	2.03E-05	2.38E-05	1.01E-06	1.99E-08	4.72E-09	2.48E-05	2.10E-05	7.8E-07	1.9E-08	4.9E-09	2E-05
5561	476219.41, 3849304.29	0.01025	0.00936	0.00897	0.01008	0.00752	1.93E-05	8.2E-07	2E-08	8.4E-09	2.01E-05	2.36E-05	1.01E-06	1.97E-08	4.70E-09	2.46E-05	2.08E-05	7.7E-07	1.9E-08	4.9E-09	2E-05
5562	475679.11, 3849218.47	0.00977	0.00915	0.00878	0.00957	0.00714	1.84E-05	8E-07	1.9E-08	8E-09	1.92E-05	2.25E-05	9.84E-07	1.87E-08	4.47E-09	2.35E-05	1.98E-05	7.6E-07	1.8E-08	4.6E-09	2E-05
5563	475677.71, 3849233.88	0.00983	0.0092	0.00883	0.00963	0.0072	1.85E-05	8.1E-07	1.9E-08	8E-09	1.93E-05	2.26E-05	9.89E-07	1.89E-08	4.50E-09	2.36E-05	2.00E-05	7.6E-07	1.8E-08	4.7E-09	2E-05
5564	475492.74, 3849204.66	0.0089	0.00863	0.00831	0.0088	0.00608	1.67E-05	7.6E-07	1.7E-08	6.8E-09	1.75E-05	2.05E-05	9.28E-07	1.72E-08	3.80E-09	2.14E-05	1.81E-05	7.1E-07	1.7E-08	3.9E-09	2E-05

5565	475497.64, 3849158.75	0.00911	0.00876	0.00842	0.00898	0.0064	1.71E-05	7.7E-07	1.8E-08	7.2E-09	1.79E-05	2.10E-05	9.42E-07	1.76E-08	4.00E-09	2.19E-05	1.85E-05	7.2E-07	1.7E-08	4.1E-09	2E-05
5566	475391.35, 3849141.94	0.00933	0.00889	0.00855	0.00916	0.00672	1.75E-05	7.8E-07	1.8E-08	7.5E-09	1.83E-05	2.15E-05	9.56E-07	1.79E-08	4.20E-09	2.25E-05	1.89E-05	7.4E-07	1.7E-08	4.3E-09	2E-05
5567	475277, 3849095.47	0.0093	0.00884	0.0085	0.00913	0.00676	1.75E-05	7.8E-07	1.8E-08	7.6E-09	1.83E-05	2.14E-05	9.50E-07	1.79E-08	4.23E-09	2.24E-05	1.89E-05	7.3E-07	1.7E-08	4.4E-09	2E-05
5568	475183.93, 3849025.66	0.00912	0.00868	0.00835	0.00895	0.00663	1.71E-05	7.6E-07	1.8E-08	7.4E-09	1.79E-05	2.10E-05	9.33E-07	1.75E-08	4.15E-09	2.20E-05	1.85E-05	7.2E-07	1.7E-08	4.3E-09	2E-05
5569	474453.23, 3848378.77	0.00789	0.00748	0.00723	0.00779	0.0058	1.48E-05	6.6E-07	1.5E-08	6.5E-09	1.55E-05	1.82E-05	8.04E-07	1.53E-08	3.63E-09	1.90E-05	1.60E-05	6.2E-07	1.5E-08	3.7E-09	2E-05
5570	474569.63, 3848399.34	0.00784	0.00745	0.00721	0.00776	0.00573	1.47E-05	6.5E-07	1.5E-08	6.4E-09	1.54E-05	1.81E-05	8.01E-07	1.52E-08	3.58E-09	1.89E-05	1.59E-05	6.2E-07	1.5E-08	3.7E-09	2E-05
5571	474644.33, 3848464.52	0.00797	0.00757	0.00732	0.00788	0.00583	1.50E-05	6.6E-07	1.6E-08	6.5E-09	1.57E-05	1.84E-05	8.14E-07	1.54E-08	3.65E-09	1.92E-05	1.62E-05	6.3E-07	1.5E-08	3.8E-09	2E-05
5572	474719.04, 3848529.7	0.00809	0.00769	0.00743	0.00799	0.00591	1.52E-05	6.7E-07	1.6E-08	6.6E-09	1.59E-05	1.86E-05	8.27E-07	1.57E-08	3.70E-09	1.95E-05	1.64E-05	6.4E-07	1.5E-08	3.8E-09	2E-05
5573	474793.74, 3848594.88	0.00816	0.00777	0.00751	0.00806	0.00593	1.53E-05	6.8E-07	1.6E-08	6.6E-09	1.60E-05	1.88E-05	8.35E-07	1.58E-08	3.71E-09	1.96E-05	1.66E-05	6.4E-07	1.5E-08	3.8E-09	2E-05
5574	474868.45, 3848660.07	0.00819	0.00783	0.00757	0.0081	0.00589	1.54E-05	6.9E-07	1.6E-08	6.6E-09	1.61E-05	1.89E-05	8.42E-07	1.59E-08	3.68E-09	1.97E-05	1.66E-05	6.5E-07	1.5E-08	3.8E-09	2E-05
5575	474943.15, 3848725.25	0.00828	0.00792	0.00765	0.00818	0.00592	1.56E-05	6.9E-07	1.6E-08	6.6E-09	1.63E-05	1.91E-05	8.51E-07	1.60E-08	3.70E-09	1.99E-05	1.68E-05	6.5E-07	1.6E-08	3.8E-09	2E-05
5576	475017.86, 3848790.43	0.00843	0.00807	0.00779	0.00832	0.00604	1.58E-05	7.1E-07	1.7E-08	6.7E-09	1.66E-05	1.94E-05	8.68E-07	1.63E-08	3.78E-09	2.03E-05	1.71E-05	6.7E-07	1.6E-08	3.9E-09	2E-05
5577	475092.56, 3848855.61	0.00862	0.00824	0.00794	0.0085	0.0062	1.62E-05	7.2E-07	1.7E-08	6.9E-09	1.69E-05	1.99E-05	8.86E-07	1.67E-08	3.88E-09	2.08E-05	1.75E-05	6.8E-07	1.6E-08	4E-09	2E-05
5578	475232.58, 3848959.38	0.00889	0.00847	0.00816	0.00875	0.00641	1.67E-05	7.4E-07	1.7E-08	7.2E-09	1.75E-05	2.05E-05	9.11E-07	1.71E-08	4.01E-09	2.14E-05	1.81E-05	7E-07	1.7E-08	4.1E-09	2E-05
5579	475368.47, 3849029.98	0.009	0.00859	0.00826	0.00886	0.00645	1.69E-05	7.5E-07	1.8E-08	7.2E-09	1.77E-05	2.07E-05	9.23E-07	1.74E-08	4.03E-09	2.17E-05	1.83E-05	7.1E-07	1.7E-08	4.2E-09	2E-05
5580	475609.57, 3849096.09	0.00906	0.00865	0.00832	0.00895	0.00644	1.70E-05	7.6E-07	1.8E-08	7.2E-09	1.78E-05	2.09E-05	9.30E-07	1.75E-08	4.03E-09	2.18E-05	1.84E-05	7.2E-07	1.7E-08	4.2E-09	2E-05
5581	475680.68, 3849116.62	0.00925	0.00877	0.00843	0.00913	0.00666	1.74E-05	7.7E-07	1.8E-08	7.4E-09	1.82E-05	2.13E-05	9.43E-07	1.79E-08	4.17E-09	2.23E-05	1.88E-05	7.3E-07	1.7E-08	4.3E-09	2E-05
5582	475843.76, 3849151.52	0.00948	0.0089	0.00855	0.00935	0.00689	1.78E-05	7.8E-07	1.9E-08	7.7E-09	1.86E-05	2.18E-05	9.57E-07	1.83E-08	4.31E-09	2.28E-05	1.92E-05	7.4E-07	1.8E-08	4.5E-09	2E-05
5583	475935.73, 3849165.89	0.0097	0.009	0.00864	0.00955	0.00711	1.82E-05	7.9E-07	1.9E-08	7.9E-09	1.90E-05	2.23E-05	9.68E-07	1.87E-08	4.45E-09	2.33E-05	1.97E-05	7.4E-07	1.8E-08	4.6E-09	2E-05
5584	476027.71, 3849180.27	0.00987	0.00906	0.0087	0.00972	0.00725	1.85E-05	7.9E-07	1.9E-08	8.1E-09	1.94E-05	2.27E-05	9.74E-07	1.90E-08	4.53E-09	2.37E-05	2.00E-05	7.5E-07	1.8E-08	4.7E-09	2E-05
5585	476119.68, 3849194.64	0.00975	0.00903	0.00867	0.00962	0.00712	1.83E-05	7.9E-07	1.9E-08	8E-09	1.91E-05	2.25E-05	9.71E-07	1.88E-08	4.45E-09	2.34E-05	1.98E-05	7.5E-07	1.8E-08	4.6E-09	2E-05
5586	476211.65, 3849209.01	0.00977	0.00904	0.00867	0.00964	0.00711	1.84E-05	7.9E-07	1.9E-08	7.9E-09	1.92E-05	2.25E-05	9.72E-07	1.89E-08	4.45E-09	2.35E-05	1.98E-05	7.5E-07	1.8E-08	4.6E-09	2E-05
5587	476497.81, 3849283.9	0.01	0.00918	0.0088	0.00988	0.00724	1.88E-05	8.1E-07	2E-08	8.1E-09	1.96E-05	2.30E-05	9.87E-07	1.94E-08	4.53E-09	2.40E-05	2.03E-05	7.6E-07	1.9E-08	4.7E-09	2E-05
5588	476603.73, 3849323.77	0.01016	0.00928	0.00889	0.01004	0.00736	1.91E-05	8.1E-07	2E-08	8.2E-09	1.99E-05	2.34E-05	9.98E-07	1.97E-08	4.60E-09	2.44E-05	2.06E-05	7.7E-07	1.9E-08	4.8E-09	2E-05
5589	476728.99, 3849382.76	0.01036	0.00941	0.00901	0.01024	0.0075	1.95E-05	8.3E-07	2E-08	8.4E-09	2.03E-05	2.39E-05	1.01E-06	2.01E-08	4.69E-09	2.49E-05	2.10E-05	7.8E-07	1.9E-08	4.8E-09	2E-05
5590	476801.27, 3849418.65	0.0105	0.0095	0.00909	0.01037	0.00759	1.97E-05	8.3E-07	2.1E-08	8.5E-09	2.06E-05	2.42E-05	1.02E-06	2.03E-08	4.75E-09	2.52E-05	2.13E-05	7.9E-07	2E-08	4.9E-09	2E-05
5591	476956.2, 3849495.05	0.0108	0.00968	0.00925	0.01067	0.00778	2.03E-05	8.5E-07	2.1E-08	8.7E-09	2.12E-05	2.49E-05	1.04E-06	2.09E-08	4.87E-09	2.59E-05	2.19E-05	8E-07	2E-08	5E-09	2E-05
5592	477038.84, 3849535.56	0.01088	0.00976	0.00932	0.01075	0.00782	2.04E-05	8.6E-07	2.1E-08	8.7E-09	2.13E-05	2.51E-05	1.05E-06	2.11E-08	4.89E-09	2.61E-05	2.21E-05	8.1E-07	2E-08	5.1E-09	2E-05
5593	477121.49, 3849576.08	0.01103	0.00985	0.00941	0.0109	0.00791	2.07E-05	8.6E-07	2.2E-08	8.8E-09	2.16E-05	2.54E-05	1.06E-06	2.14E-08	4.95E-09	2.65E-05	2.24E-05	8.1E-07	2.1E-08	5.1E-09	2E-05
5594	477204.13, 3849616.6	0.01112	0.00993	0.00948	0.01098	0.00794	2.09E-05	8.7E-07	2.2E-08	8.9E-09	2.18E-05	2.56E-05	1.07E-06	2.15E-08	4.97E-09	2.67E-05	2.26E-05	8.2E-07	2.1E-08	5.1E-09	2E-05
5595	477286.78, 3849657.12	0.011	0.00997	0.00951	0.01088	0.00784	2.07E-05	8.7E-07	2.2E-08	8.8E-09	2.16E-05	2.53E-05	1.07E-06	2.13E-08	4.90E-09	2.64E-05	2.23E-05	8.2E-07	2.1E-08	5.1E-09	2E-05
5596	477369.42, 3849697.63	0.01139	0.01012	0.00965	0.01124	0.00809	2.14E-05	8.9E-07	2.2E-08	9E-09	2.23E-05	2.62E-05	1.09E-06	2.20E-08	5.06E-09	2.73E-05	2.31E-05	8.4E-07	2.1E-08	5.2E-09	2E-05
5597	477452.07, 3849738.15	0.01146	0.0102	0.00972	0.01131	0.00812	2.15E-05	8.9E-07	2.2E-08	9.1E-09	2.25E-05	2.64E-05	1.10E-06	2.22E-08	5.08E-09	2.75E-05	2.33E-05	8.4E-07	2.2E-08	5.2E-09	2E-05
5598	477534.71, 3849778.67	0.01178	0.01041	0.00984	0.0116	0.00829	2.21E-05	9.1E-07	2.3E-08	9.3E-09	2.31E-05	2.71E-05	1.12E-06	2.27E-08	5.18E-09	2.83E-05	2.39E-05	8.6E-07	2.2E-08	5.4E-09	2E-05
5599	477617.36, 3849819.18	0.01189	0.0105	0.00992	0.01169	0.00833	2.23E-05	9.2E-07	2.3E-08	9.3E-09	2.33E-05	2.74E-05	1.13E-06	2.29E-08	5.21E-09	2.85E-05	2.41E-05	8.7E-07	2.2E-08	5.4E-09	3E-05
5600	477824.74, 3849896.37	0.01222	0.01068	0.01023	0.01197	0.00842	2.30E-05	9.4E-07	2.4E-08	9.4E-09	2.39E-05	2.81E-05	1.15E-06	2.34E-08	5.27E-09	2.93E-05	2.48E-05	8.8E-07	2.3E-08	5.4E-09	3E-05
5601	477906.31, 3849936.37	0.01203	0.0106	0.01008	0.01178	0.00828	2.26E-05	9.3E-07	2.3E-08	9.3E-09	2.36E-05	2.77E-05	1.14E-06	2.31E-08	5.18E-09	2.89E-05	2.44E-05	8.8E-07	2.2E-08	5.3E-09	3E-05
5602	477987.89, 3849976.36	0.01229	0.01088	0.01021	0.01201	0.00839	2.31E-05	9.5E-07	2.4E-08	9.4E-09	2.41E-05	2.83E-05	1.17E-06	2.35E-08	5.25E-09	2.95E-05	2.50E-05	9E-07	2.3E-08	5.4E-09	3E-05
5603	478069.47, 3850016.36	0.01221	0.01078	0.01023	0.01192	0.0083	2.29E-05	9.5E-07	2.4E-08	9.3E-09	2.39E-05	2.81E-05	1.16E-06	2.34E-08	5.19E-09	2.93E-05	2.48E-05	8.9E-07	2.3E-08	5.4E-09	3E-05
5604	478151.04, 3850056.35	0.01216	0.01082	0.01027	0.01184	0.00822	2.29E-05	9.5E-07	2.4E-08	9.2E-09	2.38E-05	2.80E-05	1.16E-06	2.32E-08	5.14E-09	2.92E-05	2.47E-05	8.9E-07	2.3E-08	5.3E-09	3E-05
5605	478232.62, 3850096.35	0.01234	0.01094	0.01037	0.01198	0.00827	2.32E-05	9.6E-07	2.4E-08	9.2E-09	2.42E-05	2.84E-05	1.18E-06	2.35E-08	5.17E-09	2.96E-05	2.51E-05	9E-07	2.3E-08	5.3E-09	3E-05
5606	478314.2, 3850136.34	0.01255	0.01108	0.0105	0.01215	0.00834	2.36E-05	9.7E-07	2.4E-08	9.3E-09	2.46E-05	2.89E-05	1.19E-06	2.38E-08	5.22E-09	3.01E-05	2.55E-05	9.2E-07	2.3E-08	5.4E-09	3E-05
5607	478395.77, 3850176.34	0.01279	0.01123	0.01063	0.01233	0.00842	2.40E-05	9.9E-07	2.4E-08	9.4E-09	2.51E-05	2.95E-05	1.21E-06	2.42E-08	5.27E-09	3.07E-05	2.60E-05	9.3E-07	2.3E-08	5.4E-09	3E-05
5608	478575.43, 3850244.45	0.01334	0.01158	0.01093	0.0127	0.00853	2.51E-05	1E-06	2.5E-08	9.5E-09	2.61E-05	3.07E-05	1.24E-06	2.49E-08	5.34E-09	3.20E-05	2.71E-05	9.6E-07	2.4E-08	5.5E-09	3E-05
5609	478665.06, 3850287.29	0.01369	0.01206	0.01114	0.01295	0.00864	2.57E-05	1.1E-06	2.6E-08	9.7E-09	2.68E-05	3.15E-05	1.30E-06	2.54E-08	5.40E-09	3.29E-05	2.78E-05	1E-06	2.5E-08	5.6E-09	3E-05
5610	478754.69, 3850330.14	0.01407	0.01231	0.01172	0.01324	0.00877	2.64E-05	1.1E-06	2.6E-08	9.8E-09	2.76E-05	3.24E-05	1.32E-06	2.59E-08	5.49E-09	3.38E-05	2.86E-05	1E-06	2.5E-08	5.7E-09	3E-05
5611	478844.32, 3850372.99	0.01451	0.01259	0.01194	0.01359	0.00895	2.73E-05	1.1E-06	2.7E-08	1E-08	2.84E-05	3.34E-05	1.35E-06	2.66E-08	5.60E-09	3.48E-05	2.95E-05	1E-06	2.6E-08	5.8E-09	3E-05
5612	478933.95, 3850415.84	0.01499	0.01305	0.01219	0.01396	0.00916	2.82E-05	1.1E-06	2.8E-08	1E-08	2.94E-05	3.45E-05	1.40E-06	2.73E-08	5.73E-09	3.60E-05	3.04E-05	1.1E-06	2.7E-08	5.9E-09	3E-05
5613	479023.58, 3850458.68	0.0153	0.01322	0.01245	0.01417	0.00925	2.88E-05	1.2E-06	2.8E-08	1E-08	3.00E-05	3.52E-05	1.42E-06	2.78E-08	5.79E-09	3.67E-05	3.11E-05	1.1E-06	2.7E-08	6E-09	3E-05
5614	479110.66, 3850441.91	0.01574	0.01373	0.01274	0.01444	0.00941	2.96E-05	1.2E-06	2.9E-08	1.1E-08	3.08E-05	3.62E-05	1.48E-06	2.83E-08	5.89E-09	3.78E-05	3.20E-05	1.1E-06	2.7E-08	6.1E-09	3E-05
5615	479191.22, 3850423.99	0.01614	0.01419	0.01311	0.01472	0.0096	3.03E-05	1.2E-06	2.9E-08	1.1E-08	3.16E-05	3.72E-05	1.53E-06	2.88E-08	6.00E-09	3.87E-05	3.28E-05	1.2E-06	2.8E-08	6.2E-09	3E-05
5616	479274.32, 3850465.71	0.01656	0.0146	0.01345	0.01505	0.00982	3.11E-05	1.3E-06	3E-08	1.1E-08	3.24E-05	3.81E-05	1.57E-06	2.95E-08	6.14E-09	3.97E-05	3.36E-05	1.2E-06	2.9E-08	6.3E-09	3E-05
5617	479357.43, 3850507.42	0.01692	0.01505	0.01382	0.01532	0.00997	3.18E-05	1.3E-06	3E-08	1.1E-08	3.32E-05	3.90E-05	1.62E-06	3.00E-08	6.24E-09	4.06E-05	3.44E-05	1.2E-06	2.9E-08	6.4E-09	4E-05
5618	479440.53, 3850549.14	0.01725	0.01532	0.0142	0.01558	0.01011	3.24E-05	1.3E-06	3.1E-08	1.1E-08	3.38E-05	3.97E-05	1.65E-06	3.05E-08	6.32E-09	4.14E-05	3.50E-05	1.3E-06	3E-08	6.5E-09	4E-05
5619	479523.64, 3850590.85	0.01767	0.0158	0.01462	0.01591	0.01031	3.32E-05	1.4E-06	3.2E-08	1.2E-08	3.46E-05	4.07E-05	1.70E-06	3.12E-08	6.45E-09	4.24E-05	3.59E-05	1.3E-06	3E-08	6.7E-09	4E-05
5620	479606.74, 3850632.57	0.01816	0.01632	0.01505	0.01635	0.01059	3.41E-05	1.4E-06	3.2E-08	1.2E-08	3.56E-05	4.18E-05	1.75E-06	3.20E-08	6.62E-09	4.36E-05	3.69E-05	1.3E-06	3.1E-08	6.8E-09	4E-05
5621	479777.37, 3850707.61	0.01922	0.01751	0.01606	0.01736	0.01129	3.61E-05	1.5E-06	3.4E-08	1.3E-08	3.77E-05	4.43E-05	1.88E-06	3.40E-08	7.06E-09	4.62E-05	3.90E-05	1.4E-06	3.3E-08	7.3E-09	4E-05
5622	479864.9, 3850740.95	0.01988	0.0182	0.01664	0.01803	0.01183	3.74E-05	1.6E-06	3.6E-08	1.3E-08	3.90E-05	4.58E-05	1.96E-06	3.53E-08	7.40E-09	4.78E-05	4.04E-05	1.5E-06	3.4E-08	7.6E-09	4E-05
5623	479931.87, 3850829.57	0.02037	0.01853	0.01688	0.01839	0.01204	3.83E-05	1.6E-06	3.7E-08	1.3E-08	4.00E-05	4.69E-05	1.99E-06	3.60E-08	7.53E-09	4.89E-05	4.14E-05	1.5E-06	3.5E-08	7.8E-09	4E-05
5624	479995.55, 3850926.75	0.0209	0.0189	0.01706	0.01877	0.01235	3.93E-05	1.7E-06	3.7E-08	1.4E-08	4.10E-05	4.81E-05	2.03E-06	3.68E-08	7.72E-09	5.02E-05	4.24E-05	1.6E-06	3.6E-08	8E-09	4E-05
5625	480079.78, 3850968.64	0.02156	0.01955	0.01761	0.0194	0.01298	4.05E-05	1.7E-06	3.9E-08	1.5E-08	4.23E-05	4.96E-05	2.10E-06	3.80E-08	8.12E-09	5.18E-05	4.38E-05	1.6E-06	3.7E-08	8.4E-09	5E-05
5626	480164.01, 3851010.54	0.02222	0.02021	0.01818	0.02002	0.01365	4.18E-05	1.8E-06	4E-08	1.5E-08	4.36E-05	5.12E-05	2.17E-06	3.92E-08	8.54E-09	5.34E-05	4.51E-05	1.7E-06	3.8E-08	8.8E-09	5E-05
5627	480248.23, 3851052.43	0.02286	0.02088	0.01877	0.02066	0.01437	4.30E-05	1.8E-06	4.1E-08	1.6E-08	4.48E-05	5.26E-05	2.24E-06	4.05E-08	8.99E-09	5.49E-05	4.64E-05	1.7E-06	3.9E-08	9.3E-09	5E-05
5628	480332.46, 3851094.33	0.02352	0.02157	0.01939	0.02132	0.01506	4.42E-05	1.9E-06	4.2E-08	1.7E-08	4.62E-05	5.42E-05	2.32E-06	4.18E-08	9.42E-09	5.65E-05	4.78E-05	1.8E-06	4.1E-08	9.7E-09	5E-05

5629	480416.69, 3851136.22	0.02416	0.02231	0.02005	0.02203	0.01569	4.54E-05	2E-06	4.4E-08	1.8E-08	4.74E-05	5.56E-05	2.40E-06	4.32E-08	9.81E-09	5.81E-05	4.91E-05	1.8E-06	4.2E-08	1E-08	5E-05
5630	480579.95, 3851215.17	0.02547	0.02371	0.02135	0.02346	0.01714	4.79E-05	2.1E-06	4.7E-08	1.9E-08	5.00E-05	5.87E-05	2.55E-06	4.60E-08	1.07E-08	6.13E-05	5.17E-05	2E-06	4.5E-08	1.1E-08	5E-05
5631	480658.98, 3851252.22	0.02613	0.02435	0.02198	0.02417	0.01793	4.91E-05	2.1E-06	4.8E-08	2E-08	5.13E-05	6.02E-05	2.62E-06	4.73E-08	1.12E-08	6.28E-05	5.31E-05	2E-06	4.6E-08	1.2E-08	6E-05
5632	480817.36, 3851327.85	0.02741	0.02558	0.02322	0.02561	0.01952	5.15E-05	2.2E-06	5.1E-08	2.2E-08	5.38E-05	6.31E-05	2.75E-06	5.02E-08	1.22E-08	6.59E-05	5.57E-05	2.1E-06	4.9E-08	1.3E-08	6E-05
5633	480896.72, 3851366.43	0.02806	0.02616	0.02384	0.02634	0.02029	5.27E-05	2.3E-06	5.2E-08	2.3E-08	5.51E-05	6.46E-05	2.81E-06	5.16E-08	1.27E-08	6.75E-05	5.70E-05	2.2E-06	5E-08	1.3E-08	6E-05
5634	480976.07, 3851405	0.02869	0.0267	0.02443	0.02705	0.02105	5.39E-05	2.3E-06	5.4E-08	2.4E-08	5.63E-05	6.61E-05	2.87E-06	5.30E-08	1.32E-08	6.90E-05	5.83E-05	2.2E-06	5.1E-08	1.4E-08	6E-05
5635	481178, 3851487.31	0.03019	0.02774	0.02576	0.02873	0.02288	5.67E-05	2.4E-06	5.7E-08	2.6E-08	5.92E-05	6.95E-05	2.98E-06	5.63E-08	1.43E-08	7.26E-05	6.13E-05	2.3E-06	5.5E-08	1.5E-08	6E-05
5636	481244.9, 3851557.17	0.03099	0.02843	0.02635	0.0294	0.02344	5.82E-05	2.5E-06	5.8E-08	2.6E-08	6.08E-05	7.14E-05	3.06E-06	5.76E-08	1.47E-08	7.45E-05	6.29E-05	2.4E-06	5.6E-08	1.5E-08	7E-05
5637	481311.81, 3851627.03	0.03184	0.02918	0.02699	0.03012	0.02398	5.98E-05	2.6E-06	6E-08	2.7E-08	6.25E-05	7.33E-05	3.14E-06	5.90E-08	1.50E-08	7.65E-05	6.46E-05	2.4E-06	5.7E-08	1.5E-08	7E-05
5638	481378.71, 3851696.89	0.03275	0.02997	0.02766	0.03087	0.02451	6.15E-05	2.6E-06	6.1E-08	2.7E-08	6.43E-05	7.54E-05	3.22E-06	6.05E-08	1.53E-08	7.87E-05	6.65E-05	2.5E-06	5.9E-08	1.6E-08	7E-05
5639	481445.61, 3851766.76	0.03369	0.03079	0.02836	0.03165	0.02508	6.33E-05	2.7E-06	6.3E-08	2.8E-08	6.61E-05	7.76E-05	3.31E-06	6.20E-08	1.57E-08	8.10E-05	6.84E-05	2.5E-06	6E-08	1.6E-08	7E-05
5640	481512.51, 3851836.62	0.0347	0.03169	0.02911	0.03249	0.02563	6.52E-05	2.8E-06	6.4E-08	2.9E-08	6.81E-05	7.99E-05	3.41E-06	6.36E-08	1.60E-08	8.34E-05	7.05E-05	2.6E-06	6.2E-08	1.7E-08	7E-05
5641	481579.42, 3851906.48	0.03578	0.03264	0.0299	0.03337	0.0262	6.72E-05	2.9E-06	6.6E-08	2.9E-08	7.02E-05	8.24E-05	3.51E-06	6.54E-08	1.64E-08	8.60E-05	7.26E-05	2.7E-06	6.3E-08	1.7E-08	8E-05
5642	481646.32, 3851976.34	0.03691	0.03363	0.03071	0.03429	0.02681	6.94E-05	3E-06	6.8E-08	3E-08	7.24E-05	8.50E-05	3.62E-06	6.72E-08	1.68E-08	8.87E-05	7.49E-05	2.8E-06	6.5E-08	1.7E-08	8E-05
5643	481713.22, 3852046.2	0.03815	0.03478	0.03165	0.03532	0.02728	7.17E-05	3.1E-06	7E-08	3E-08	7.48E-05	8.79E-05	3.74E-06	6.92E-08	1.71E-08	9.17E-05	7.75E-05	2.9E-06	6.7E-08	1.8E-08	8E-05
5644	481780.12, 3852116.06	0.03941	0.03583	0.03251	0.03629	0.02801	7.41E-05	3.1E-06	7.2E-08	3.1E-08	7.73E-05	9.08E-05	3.85E-06	7.11E-08	1.75E-08	9.47E-05	8.00E-05	3E-06	6.9E-08	1.8E-08	8E-05
5645	481847.03, 3852185.92	0.04073	0.03685	0.03335	0.03724	0.02888	7.65E-05	3.2E-06	7.4E-08	3.2E-08	7.99E-05	9.38E-05	3.96E-06	7.30E-08	1.81E-08	9.78E-05	8.27E-05	3E-06	7.1E-08	1.9E-08	9E-05
5646	481913.93, 3852255.78	0.04207	0.03788	0.0342	0.0382	0.02979	7.91E-05	3.3E-06	7.6E-08	3.3E-08	8.25E-05	9.69E-05	4.07E-06	7.48E-08	1.86E-08	1.01E-04	8.54E-05	3.1E-06	7.3E-08	1.9E-08	9E-05
5647	481980.83, 3852325.65	0.04337	0.03886	0.035	0.03914	0.03076	8.15E-05	3.4E-06	7.8E-08	3.4E-08	8.50E-05	9.99E-05	4.18E-06	7.67E-08	1.92E-08	1.04E-04	8.81E-05	3.2E-06	7.4E-08	2E-08	9E-05
5648	482047.73, 3852395.51	0.04491	0.04009	0.03599	0.04025	0.03164	8.44E-05	3.5E-06	8E-08	3.5E-08	8.80E-05	1.03E-04	4.31E-06	7.88E-08	1.98E-08	1.08E-04	9.12E-05	3.3E-06	7.7E-08	2E-08	9E-05
5649	482114.64, 3852465.37	0.0464	0.04122	0.0369	0.0413	0.0326	8.72E-05	3.6E-06	8.2E-08	3.6E-08	9.09E-05	1.07E-04	4.43E-06	8.09E-08	2.04E-08	1.11E-04	9.42E-05	3.4E-06	7.9E-08	2.1E-08	1E-04
5650	482181.54, 3852535.23	0.04829	0.04276	0.03811	0.04265	0.03349	9.07E-05	3.8E-06	8.5E-08	3.7E-08	9.46E-05	1.11E-04	4.60E-06	8.35E-08	2.09E-08	1.16E-04	9.80E-05	3.5E-06	8.1E-08	2.2E-08	0.0001
5651	482338.69, 3852700.05	0.05301	0.0465	0.04102	0.0459	0.03585	9.96E-05	4.1E-06	9.1E-08	4E-08	1.04E-04	1.22E-04	5.00E-06	8.99E-08	2.24E-08	1.27E-04	1.08E-04	3.8E-06	8.7E-08	2.3E-08	0.0001
5652	482404.05, 3852767.78	0.05525	0.04826	0.04237	0.0474	0.03691	1.04E-04	4.2E-06	9.4E-08	4.1E-08	1.08E-04	1.27E-04	5.19E-06	9.29E-08	2.31E-08	1.33E-04	1.12E-04	4E-06	9E-08	2.4E-08	0.0001
5653	482469.4, 3852835.52	0.05771	0.05015	0.0438	0.049	0.03802	1.08E-04	4.4E-06	9.7E-08	4.2E-08	1.13E-04	1.33E-04	5.39E-06	9.60E-08	2.38E-08	1.38E-04	1.17E-04	4.1E-06	9.3E-08	2.5E-08	0.0001
5654	482534.75, 3852903.25	0.06067	0.05235	0.04546	0.05081	0.03915	1.14E-04	4.6E-06	1E-07	4.4E-08	1.19E-04	1.40E-04	5.63E-06	9.95E-08	2.45E-08	1.45E-04	1.23E-04	4.3E-06	9.7E-08	2.5E-08	0.0001
5655	482600.11, 3852970.99	0.06399	0.05456	0.0471	0.05263	0.04038	1.20E-04	4.8E-06	1E-07	4.5E-08	1.25E-04	1.47E-04	5.87E-06	1.03E-07	2.53E-08	1.53E-04	1.30E-04	4.5E-06	1E-07	2.6E-08	0.0001
5656	482706.71, 3853119.28	0.0737	0.06058	0.05099	0.05658	0.04219	1.38E-04	5.3E-06	1.1E-07	4.7E-08	1.44E-04	1.70E-04	6.51E-06	1.11E-07	2.64E-08	1.76E-04	1.50E-04	5E-06	1.1E-07	2.7E-08	0.0002
5657	482747.96, 3853199.84	0.08019	0.06398	0.05281	0.05826	0.04273	1.51E-04	5.6E-06	1.2E-07	4.8E-08	1.56E-04	1.85E-04	6.88E-06	1.14E-07	2.67E-08	1.92E-04	1.63E-04	5.3E-06	1.1E-07	2.8E-08	0.0002
5658	482789.21, 3853280.4	0.08858	0.06754	0.05461	0.05986	0.0432	1.66E-04	5.9E-06	1.2E-07	4.8E-08	1.73E-04	2.04E-04	7.26E-06	1.17E-07	2.70E-08	2.11E-04	1.80E-04	5.6E-06	1.1E-07	2.8E-08	0.0002
5659	482830.46, 3853360.96	0.10055	0.0716	0.05661	0.0616	0.04352	1.89E-04	6.3E-06	1.2E-07	4.9E-08	1.95E-04	2.32E-04	7.70E-06	1.21E-07	2.72E-08	2.39E-04	2.04E-04	5.9E-06	1.2E-07	2.8E-08	0.0002
5660	482871.71, 3853441.52	0.11997	0.07601	0.05873	0.0634	0.04378	2.25E-04	6.7E-06	1.3E-07	4.9E-08	2.32E-04	2.76E-04	8.17E-06	1.24E-07	2.74E-08	2.85E-04	2.44E-04	6.3E-06	1.2E-07	2.8E-08	0.0003
5661	482912.95, 3853522.07	0.19288	0.08149	0.06143	0.06567	0.04374	3.62E-04	7.1E-06	1.3E-07	4.9E-08	3.70E-04	4.44E-04	8.76E-06	1.29E-07	2.74E-08	4.53E-04	3.92E-04	6.7E-06	1.2E-07	2.8E-08	0.0004
5662	482954.2, 3853602.63	0.59671	0.08742	0.06429	0.06808	0.04377	1.12E-03	7.7E-06	1.4E-07	4.9E-08	1.13E-03	1.37E-03	9.40E-06	1.33E-07	2.74E-08	1.38E-03	1.21E-03	7.2E-06	1.3E-07	2.8E-08	0.0012
5663	482995.45, 3853683.19	0.74378	0.09419	0.06759	0.07086	0.04381	1.40E-03	8.3E-06	1.4E-07	4.9E-08	1.41E-03	1.71E-03	1.01E-05	1.39E-07	2.74E-08	1.72E-03	1.51E-03	7.8E-06	1.3E-07	2.8E-08	0.0015
5664	483036.7, 3853763.75	0.75315	0.1017	0.07126	0.07402	0.04412	1.42E-03	8.9E-06	1.5E-07	4.9E-08	1.42E-03	1.73E-03	1.09E-05	1.45E-07	2.76E-08	1.75E-03	1.53E-03	8.4E-06	1.4E-07	2.9E-08	0.0015
5665	483214.2, 3853909.91	0.50808	0.13131	0.08705	0.08842	0.04504	9.55E-04	1.2E-05	1.8E-07	5E-08	9.67E-04	1.17E-03	1.41E-05	1.73E-07	2.82E-08	1.18E-03	1.03E-03	1.1E-05	1.7E-07	2.9E-08	0.001
5666	483307.01, 3853910.44	0.43873	0.13616	0.09176	0.0944	0.04898	8.24E-04	1.2E-05	1.9E-07	5.5E-08	8.37E-04	1.01E-03	1.46E-05	1.85E-07	3.06E-08	1.03E-03	8.91E-04	1.1E-05	1.8E-07	3.2E-08	0.0009
5667	483399.83, 3853910.96	0.38609	0.13904	0.09617	0.10067	0.05294	7.26E-04	1.2E-05	2E-07	5.9E-08	7.38E-04	8.89E-04	1.49E-05	1.97E-07	3.31E-08	9.04E-04	7.84E-04	1.1E-05	1.9E-07	3.4E-08	0.0008
5668	483494.52, 3854009.24	0.38767	0.15963	0.10676	0.11061	0.05612	7.29E-04	1.4E-05	2.2E-07	6.3E-08	7.43E-04	8.93E-04	1.72E-05	2.17E-07	3.51E-08	9.10E-04	7.87E-04	1.3E-05	2.1E-07	3.6E-08	0.0008
5669	483496.41, 3854106.98	0.42962	0.18297	0.11464	0.11476	0.05521	8.07E-04	1.6E-05	2.3E-07	6.2E-08	8.24E-04	9.89E-04	1.97E-05	2.25E-07	3.45E-08	1.01E-03	8.72E-04	1.5E-05	2.2E-07	3.6E-08	0.0009
5670	483577.56, 3854261.96	0.47646	0.24742	0.14015	0.13258	0.05333	8.95E-04	2.2E-05	2.6E-07	6E-08	9.17E-04	1.10E-03	2.66E-05	2.60E-07	3.34E-08	1.12E-03	9.67E-04	2E-05	2.5E-07	3.4E-08	0.001
5671	483656.83, 3854319.19	0.47804	0.28622	0.15614	0.14588	0.05249	8.98E-04	2.5E-05	2.9E-07	5.9E-08	9.24E-04	1.10E-03	3.08E-05	2.86E-07	3.28E-08	1.13E-03	9.71E-04	2.4E-05	2.8E-07	3.4E-08	0.001
5672	483736.1, 3854376.41	0.49023	0.32794	0.16978	0.1603	0.05145	9.21E-04	2.9E-05	3.2E-07	5.7E-08	9.50E-04	1.13E-03	3.53E-05	3.14E-07	3.22E-08	1.16E-03	9.95E-04	2.7E-05	3E-07	3.3E-08	0.001
5673	483815.37, 3854433.64	0.51418	0.36048	0.18483	0.17594	0.05067	9.66E-04	3.2E-05	3.5E-07	5.7E-08	9.98E-04	1.18E-03	3.88E-05	3.45E-07	3.17E-08	1.22E-03	1.04E-03	3E-05	3.3E-07	3.3E-08	0.0011
5674	483894.63, 3854490.87	0.54998	0.39561	0.19808	0.19186	0.04994	1.03E-03	3.5E-05	3.8E-07	5.6E-08	1.07E-03	1.27E-03	4.25E-05	3.76E-07	3.12E-08	1.31E-03	1.12E-03	3.3E-05	3.6E-07	3.2E-08	0.0011
5675	483973.9, 3854548.1	0.60892	0.42904	0.21014	0.20863	0.04983	1.14E-03	3.8E-05	4.1E-07	5.6E-08	1.18E-03	1.40E-03	4.61E-05	4.09E-07	3.12E-08	1.45E-03	1.24E-03	3.5E-05	4E-07	3.2E-08	0.0013
5676	484053.17, 3854605.32	0.73244	0.487	0.23204	0.23094	0.05144	1.38E-03	4.3E-05	4.6E-07	5.7E-08	1.42E-03	1.69E-03	5.24E-05	4.52E-07	3.22E-08	1.74E-03	1.49E-03	4E-05	4.4E-07	3.3E-08	0.0015
5677	484214.97, 3854698.15	1.26723	0.76081	0.33891	0.2925	0.05619	2.38E-03	6.7E-05	5.8E-07	6.3E-08	2.45E-03	2.92E-03	8.18E-05	5.73E-07	3.51E-08	3.00E-03	2.57E-03	6.3E-05	5.6E-07	3.6E-08	0.0026
5678	484297.5, 3854733.74	1.64345	1.14844	0.46593	0.34724	0.06153	3.09E-03	0.0001	6.9E-07	6.9E-08	3.19E-03	3.78E-03	1.23E-04	6.80E-07	3.85E-08	3.91E-03	3.34E-03	9.5E-05	6.6E-07	4E-08	0.0034
5679	484380.03, 3854769.34	1.97181	1.67791	0.61536	0.39497	0.06549	3.71E-03	0.00015	7.8E-07	7.3E-08	3.85E-03	4.54E-03	1.80E-04	7.74E-07	4.10E-08	4.72E-03	4.00E-03	0.00014	7.5E-07	4.2E-08	0.0041
5680	484462.56, 3854804.94	2.53385	2.5103	0.8402	0.48491	0.07342	4.76E-03	0.00022	9.6E-07	8.2E-08	4.98E-03	5.83E-03	2.70E-04	9.50E-07	4.59E-08	6.11E-03	5.14E-03	0.00021	9.2E-07	4.7E-08	0.0054
5681	484545.09, 3854840.53	3.04021	3.39623	1.05094	0.5952	0.07837	5.71E-03	0.0003	1.2E-06	8.8E-08	6.01E-03	7.00E-03	3.65E-04	1.17E-06	4.90E-08	7.37E-03	6.17E-03	0.00028	1.1E-06	5.1E-08	0.0065
5682	484691.88, 3854912.59	3.67206	5.76311	1.5266	1.9741	0.0972	6.90E-03	0.00051	3.9E-06	1.1E-07	7.41E-03	8.46E-03	6.20E-04	3.87E-06	6.08E-08	9.08E-03	7.46E-03	0.00048	3.8E-06	6.3E-08	0.0079
5683	484830.81, 3855012.51	3.35471	6.73553	2.0396	3.2256	0.13002	6.30E-03	0.00059	6.4E-06	1.5E-07	6.90E-03	7.73E-03	7.24E-04	6.32E-06	8.13E-08	8.46E-03	6.81E-03	0.00056	6.1E-06	8.4E-08	0.0074
5684	484905.48, 3855075.97	3.4146	5.70562	2.37196	3.6161	0.17987	6.42E-03	0.0005	7.2E-06	2E-07	6.92E-03	7.86E-03	6.13E-04	7.08E-06	1.12E-07	8.48E-03	6.93E-03	0.00047	6.9E-06	1.2E-07	0.0074
5685	484980.14, 3855139.44	3.45999	4.29014	2.59183	3.86477	0.42289	6.50E-03	0.00038	7.7E-06	4.7E-07	6.89E-03	7.97E-03	4.61E-04	7.57E-06	2.64E-07	8.44E-03	7.03E-03	0.00035	7.4E-06	2.7E-07	0.0074
5686	485054.81, 3855202.91	3.46691	3.11335	2.70121	4.00558	0.84786	6.52E-03	0.00027	8E-06	9.5E-07	6.80E-03	7.98E-03	3.35E-04	7.85E-06	5.30E-07	8.33E-03	7.04E-03	0.00026	7.6E-06	5.5E-07	0.0073
5687	485129.48, 3855266.37	3.39238	2.25676	2.67828	3.97522	1.13954	6.37E-03	0.0002	7.9E-06	1.3E-06	6.58E-03	7.81E-03	2.43E-04	7.79E-06	7.13E-07	8.06E-03	6.89E-03	0.00019	7.6E-06	7.4E-07	0.0071
5688	485204.15, 3855329.84	3.48126	1.77754	2.84549	4.15852	1.36979	6.54E-03	0.00016	8.3E-06	1.5E-06	6.71E-03	8.02E-03	1.91E-04	8.15E-06	8.57E-07	8.22E-03	7.07E-03	0.00015	7.9E-06	8.8E-07	0.0072
5689	485278.82, 3855393.31	3.47557	1.38487	2.89127	4.20299	1.50488	6.53E-03	0.00012	8.3E-06	1.7E-06	6.66E-03	8.00E-03	1.49E-04	8.23E-06	9.41E-07	8.16E-03	7.06E-03	0.00011	8E-06	9.7E-07	0.0072
5690	485353.48, 3855456.77	3.5019	1.11239	3.08203	4.28045	1.61056	6.58E-03	9.8E-05	8.5E-06	1.8E-06	6.69E-03	8.06E-03	1.20E-04	8.39E-06	1.01E-06	8.19E-03	7.11E-03	9.2E-05	8.1E-06	1E-06	0.0072
5691	485428.15, 3855520.24	3.47937	0.91447	3.10353	4.27191	1.66896	6.54E-03	8E-05	8.5E-06	1.9E-06	6.63E-03	8.01E-03	9.83E-05	8.37E-06	1.04E-06	8.12E-03	7.06E-03	7.6E-05	8.1E-06	1.1E-06	0.0071
5692	485502.82, 3855583.71	3.47047	0.7695	3.1261	4.27853	1.71327	6.52E-03	6.8E-05	8.5E-06	1.9E-06	6.60E-03	7.99E-03	8.27E-05	8.38E-06	1.07E-06	8.08E-03	7.05E-03	6.4E-05	8.1E-06	1.1E-06	0.0071

5693	485577.49, 3855647.17	3.51469	0.66169	3.17521	4.37645	1.78003	6.60E-03	5.8E-05	8.7E-06	2E-06	6.67E-03	8.09E-03	7.11E-05	8.57E-06	1.11E-06	8.17E-03	7.14E-03	5.5E-05	8.3E-06	1.1E-06	0.0072
5694	485652.16, 3855710.64	3.54051	0.57783	3.20823	4.44025	1.84531	6.65E-03	5.1E-05	8.8E-06	2.1E-06	6.71E-03	8.15E-03	6.21E-05	8.70E-06	1.15E-06	8.23E-03	7.19E-03	4.8E-05	8.4E-06	1.2E-06	0.0072
5695	485726.83, 3855774.11	3.53345	0.51269	3.21619	4.43316	1.86893	6.64E-03	4.5E-05	8.8E-06	2.1E-06	6.70E-03	8.14E-03	5.51E-05	8.68E-06	1.17E-06	8.20E-03	7.17E-03	4.2E-05	8.4E-06	1.2E-06	0.0072
5696	485801.49, 3855837.57	3.50016	0.46189	3.2144	4.38463	1.86444	6.58E-03	4.1E-05	8.7E-06	2.1E-06	6.63E-03	8.06E-03	4.97E-05	8.59E-06	1.17E-06	8.12E-03	7.11E-03	3.8E-05	8.3E-06	1.2E-06	0.0072
5697	485876.16, 3855901.04	3.5049	0.42186	3.21777	4.39383	1.87704	6.59E-03	3.7E-05	8.7E-06	2.1E-06	6.63E-03	8.07E-03	4.54E-05	8.61E-06	1.17E-06	8.13E-03	7.12E-03	3.5E-05	8.4E-06	1.2E-06	0.0072
5698	485950.83, 3855964.5	3.48299	0.39063	3.21415	4.37619	1.87018	6.55E-03	3.4E-05	8.7E-06	2.1E-06	6.59E-03	8.02E-03	4.20E-05	8.57E-06	1.17E-06	8.07E-03	7.07E-03	3.2E-05	8.3E-06	1.2E-06	0.0071
5699	486025.5, 3856027.97	3.43617	0.36584	3.19872	4.31634	1.83815	6.46E-03	3.2E-05	8.6E-06	2.1E-06	6.50E-03	7.91E-03	3.93E-05	8.46E-06	1.15E-06	7.96E-03	6.98E-03	3E-05	8.2E-06	1.2E-06	0.007
5700	486100.17, 3856091.44	3.50982	0.34845	3.21653	4.467	1.90587	6.60E-03	3.1E-05	8.9E-06	2.1E-06	6.64E-03	8.08E-03	3.75E-05	8.75E-06	1.19E-06	8.13E-03	7.13E-03	2.9E-05	8.5E-06	1.2E-06	0.0072
5701	486174.83, 3856154.9	3.44084	0.33472	3.20158	4.35881	1.85396	6.47E-03	2.9E-05	8.7E-06	2.1E-06	6.51E-03	7.92E-03	3.60E-05	8.54E-06	1.16E-06	7.97E-03	6.99E-03	2.8E-05	8.3E-06	1.2E-06	0.007
5702	486249.5, 3856218.37	3.276	0.3225	3.13265	4.12377	1.75429	6.16E-03	2.8E-05	8.2E-06	2E-06	6.19E-03	7.54E-03	3.47E-05	8.08E-06	1.10E-06	7.59E-03	6.65E-03	2.7E-05	7.8E-06	1.1E-06	0.0067
5703	486324.17, 3856281.84	3.24159	0.31052	2.90006	4.04098	1.68697	6.09E-03	2.7E-05	8E-06	1.9E-06	6.13E-03	7.46E-03	3.34E-05	7.92E-06	1.06E-06	7.51E-03	6.58E-03	2.6E-05	7.7E-06	1.1E-06	0.0066
5704	486398.84, 3856345.3	3.35903	0.31402	2.94263	4.23878	1.69924	6.31E-03	2.8E-05	8.4E-06	1.9E-06	6.35E-03	7.74E-03	3.38E-05	8.30E-06	1.06E-06	7.78E-03	6.82E-03	2.6E-05	8.1E-06	1.1E-06	0.0069
5705	486473.51, 3856408.77	3.39012	0.31754	2.9363	4.30526	1.69162	6.37E-03	2.8E-05	8.5E-06	1.9E-06	6.41E-03	7.81E-03	3.41E-05	8.43E-06	1.06E-06	7.85E-03	6.88E-03	2.6E-05	8.2E-06	1.1E-06	0.0069
5706	486548.17, 3856472.24	3.44679	0.32877	3.08785	4.41353	1.70806	6.48E-03	2.9E-05	8.8E-06	1.9E-06	6.52E-03	7.94E-03	3.53E-05	8.65E-06	1.07E-06	7.98E-03	7.00E-03	2.7E-05	8.4E-06	1.1E-06	0.007
5707	486622.84, 3856535.7	3.47523	0.34617	3.1088	4.46538	1.72779	6.53E-03	3E-05	8.9E-06	1.9E-06	6.57E-03	8.00E-03	3.72E-05	8.75E-06	1.08E-06	8.05E-03	7.06E-03	2.9E-05	8.5E-06	1.1E-06	0.0071
5708	486765.48, 3856659.69	3.49716	0.418	3.16421	4.49177	1.80641	6.57E-03	3.7E-05	8.9E-06	2E-06	6.62E-03	8.05E-03	4.49E-05	8.80E-06	1.13E-06	8.11E-03	7.10E-03	3.5E-05	8.5E-06	1.2E-06	0.0071
5709	486833.44, 3856720.2	3.52525	0.46768	3.18375	4.5149	1.84177	6.62E-03	4.1E-05	9E-06	2.1E-06	6.68E-03	8.12E-03	5.03E-05	8.84E-06	1.15E-06	8.18E-03	7.16E-03	3.9E-05	8.6E-06	1.2E-06	0.0072
5710	486901.41, 3856780.72	3.5202	0.53958	3.15417	4.49728	1.89571	6.62E-03	4.7E-05	8.9E-06	2.1E-06	6.67E-03	8.11E-03	5.80E-05	8.81E-06	1.19E-06	8.17E-03	7.15E-03	4.5E-05	8.6E-06	1.2E-06	0.0072
5711	486969.38, 3856841.24	3.50622	0.64241	3.11044	4.48129	1.94186	6.59E-03	5.6E-05	8.9E-06	2.2E-06	6.66E-03	8.07E-03	6.91E-05	8.78E-06	1.21E-06	8.15E-03	7.12E-03	5.3E-05	8.5E-06	1.3E-06	0.0072
5712	487037.34, 3856901.75	3.46541	0.80114	3.06149	4.4609	1.98816	6.51E-03	7E-05	8.9E-06	2.2E-06	6.59E-03	7.98E-03	8.61E-05	8.74E-06	1.24E-06	8.08E-03	7.04E-03	6.6E-05	8.5E-06	1.3E-06	0.0071
5713	487271.23, 3856855.51	1.87479	0.63131	1.98077	2.5617	1.40646	3.52E-03	5.5E-05	5.1E-06	1.6E-06	3.59E-03	4.32E-03	6.79E-05	5.02E-06	8.80E-07	4.39E-03	3.81E-03	5.2E-05	4.9E-06	9.1E-07	0.0039
5714	487368.96, 3856857.29	1.63044	0.67825	1.78074	2.25653	1.31226	3.06E-03	6E-05	4.5E-06	1.5E-06	3.13E-03	3.75E-03	7.29E-05	4.42E-06	8.21E-07	3.83E-03	3.31E-03	5.6E-05	4.3E-06	8.5E-07	0.0034
5715	487466.68, 3856859.06	1.43899	0.7525	1.61653	2.0106	1.2441	2.70E-03	6.6E-05	4E-06	1.4E-06	2.78E-03	3.31E-03	8.09E-05	3.94E-06	7.78E-07	3.40E-03	2.92E-03	6.2E-05	3.8E-06	8E-07	0.003
5716	487636.44, 3856930	1.21137	1.29856	1.47381	1.74137	1.21616	2.28E-03	0.00011	3.5E-06	1.4E-06	2.40E-03	2.79E-03	1.40E-04	3.41E-06	7.61E-07	2.93E-03	2.46E-03	0.00011	3.3E-06	7.9E-07	0.0026
5717	487709.57, 3856928.43	1.12776	1.31302	1.38276	1.60484	1.1765	2.12E-03	0.00012	3.2E-06	1.3E-06	2.24E-03	2.60E-03	1.41E-04	3.14E-06	7.36E-07	2.74E-03	2.29E-03	0.00011	3.1E-06	7.6E-07	0.0024
5718	487782.55, 3856841.96	1.04635	0.88781	1.23623	1.44796	1.04544	1.97E-03	7.8E-05	2.9E-06	1.2E-06	2.05E-03	2.41E-03	9.54E-05	2.84E-06	6.54E-07	2.51E-03	2.12E-03	7.3E-05	2.8E-06	6.8E-07	0.0022
5719	487849.83, 3856754.74	0.9689	0.64599	1.12029	1.31761	0.94256	1.82E-03	5.7E-05	2.6E-06	1.1E-06	1.88E-03	2.23E-03	6.94E-05	2.58E-06	5.90E-07	2.30E-03	1.97E-03	5.3E-05	2.5E-06	6.1E-07	0.002
5720	487918.03, 3856819.39	0.93581	0.84956	1.11143	1.27798	0.97934	1.76E-03	7.5E-05	2.5E-06	1.1E-06	1.84E-03	2.15E-03	9.13E-05	2.50E-06	6.13E-07	2.25E-03	1.90E-03	7E-05	2.4E-06	6.3E-07	0.002
5721	487918.8, 3856886.37	0.9438	1.10864	1.15305	1.2984	1.04021	1.77E-03	9.7E-05	2.6E-06	1.2E-06	1.87E-03	2.17E-03	1.19E-04	2.54E-06	6.51E-07	2.30E-03	1.92E-03	9.2E-05	2.5E-06	6.7E-07	0.002
5722	488065.47, 3857127.51	0.86507	2.36172	1.20829	1.11441	1.172	1.63E-03	0.00021	2.2E-06	1.3E-06	1.84E-03	1.99E-03	2.54E-04	2.18E-06	7.33E-07	2.25E-03	1.76E-03	0.0002	2.1E-06	7.6E-07	0.002
5723	488192.19, 3857385.84	0.83948	2.46547	1.26001	0.89679	1.40939	1.58E-03	0.00022	1.8E-06	1.6E-06	1.80E-03	1.93E-03	2.65E-04	1.76E-06	8.81E-07	2.20E-03	1.70E-03	0.0002	1.7E-06	9.1E-07	0.0019
5724	488191.22, 3857473.87	0.86939	2.23923	1.31865	0.86446	1.55346	1.63E-03	0.0002	1.7E-06	1.7E-06	1.83E-03	2.00E-03	2.41E-04	1.69E-06	9.72E-07	2.25E-03	1.77E-03	0.00019	1.6E-06	1E-06	0.002
5725	488190.24, 3857561.91	0.90643	1.90073	1.37149	0.81924	1.72526	1.70E-03	0.00017	1.6E-06	1.9E-06	1.87E-03	2.09E-03	2.04E-04	1.60E-06	1.08E-06	2.29E-03	1.84E-03	0.00016	1.6E-06	1.1E-06	0.002
5726	488158.35, 3857691.13	0.98852	1.41302	1.42629	0.68122	2.10468	1.86E-03	0.00012	1.4E-06	2.4E-06	1.99E-03	2.28E-03	1.52E-04	1.33E-06	1.32E-06	2.43E-03	2.01E-03	0.00012	1.3E-06	1.4E-06	0.0021
5727	488208.37, 3857816.66	0.89142	0.95984	1.07537	0.44219	2.40064	1.68E-03	8.4E-05	8.8E-07	2.7E-06	1.76E-03	2.05E-03	1.03E-04	8.66E-07	1.50E-06	2.16E-03	1.81E-03	7.9E-05	8.4E-07	1.6E-06	0.0019
5728	488271.97, 3857874.6	0.79234	0.80221	0.86097	0.37116	2.39119	1.49E-03	7E-05	7.4E-07	2.7E-06	1.56E-03	1.82E-03	8.62E-05	7.27E-07	1.50E-06	1.91E-03	1.61E-03	6.6E-05	7.1E-07	1.5E-06	0.0017
5729	488463.56, 3857942.31	0.64134	0.6456	0.62585	0.31123	1.80413	1.21E-03	5.7E-05	6.2E-07	2E-06	1.26E-03	1.48E-03	6.94E-05	6.10E-07	1.13E-06	1.55E-03	1.30E-03	5.3E-05	5.9E-07	1.2E-06	0.0014
5730	488554.83, 3857940.83	0.60075	0.632	0.59447	0.30918	1.56072	1.13E-03	5.5E-05	6.1E-07	1.7E-06	1.19E-03	1.38E-03	6.79E-05	6.06E-07	9.76E-07	1.45E-03	1.22E-03	5.2E-05	5.9E-07	1E-06	0.0013
5731	488646.1, 3857939.36	0.56599	0.61636	0.56628	0.30632	1.37456	1.06E-03	5.4E-05	6.1E-07	1.5E-06	1.12E-03	1.30E-03	6.63E-05	6.00E-07	8.60E-07	1.37E-03	1.15E-03	5.1E-05	5.8E-07	8.9E-07	0.0012
5732	488737.37, 3857937.88	0.53571	0.60021	0.54121	0.30306	1.2277	1.01E-03	5.3E-05	6E-07	1.4E-06	1.06E-03	1.23E-03	6.45E-05	5.94E-07	7.68E-07	1.30E-03	1.09E-03	5E-05	5.8E-07	7.9E-07	0.0011
5733	488733.59, 3857960.57	0.53289	0.57749	0.52225	0.29282	1.20819	1.00E-03	5.1E-05	5.8E-07	1.3E-06	1.05E-03	1.23E-03	6.21E-05	5.74E-07	7.56E-07	1.29E-03	1.08E-03	4.8E-05	5.6E-07	7.8E-07	0.0011
5734	488638.09, 3857961.57	0.56442	0.59252	0.54599	0.29548	1.36276	1.06E-03	5.2E-05	5.9E-07	1.5E-06	1.11E-03	1.30E-03	6.37E-05	5.79E-07	8.52E-07	1.36E-03	1.15E-03	4.9E-05	5.6E-07	8.8E-07	0.0012
5735	488542.6, 3857962.56	0.60068	0.60603	0.57218	0.29742	1.56443	1.13E-03	5.3E-05	5.9E-07	1.7E-06	1.18E-03	1.38E-03	6.51E-05	5.83E-07	9.78E-07	1.45E-03	1.22E-03	5E-05	5.7E-07	1E-06	0.0013
5736	488447.1, 3857963.56	0.64344	0.61765	0.60167	0.29867	1.83401	1.21E-03	5.4E-05	5.9E-07	2E-06	1.27E-03	1.48E-03	6.64E-05	5.85E-07	1.15E-06	1.55E-03	1.31E-03	5.1E-05	5.7E-07	1.2E-06	0.0014
5737	488254.28, 3857890.36	0.79714	0.77151	0.83809	0.3568	2.52916	1.50E-03	6.8E-05	7.1E-07	2.8E-06	1.57E-03	1.84E-03	8.29E-05	6.99E-07	1.58E-06	1.92E-03	1.62E-03	6.4E-05	6.8E-07	1.6E-06	0.0017
5738	488191.69, 3857833.06	0.89923	0.92189	1.0551	0.42314	2.52351	1.69E-03	8.1E-05	8.4E-07	2.8E-06	1.77E-03	2.07E-03	9.91E-05	8.29E-07	1.58E-06	2.17E-03	1.83E-03	7.6E-05	8E-07	1.6E-06	0.0019
5739	488129.5, 3857907.43	0.90288	0.7473	0.89118	0.34218	3.39059	1.70E-03	6.6E-05	6.8E-07	3.8E-06	1.77E-03	2.08E-03	8.03E-05	6.70E-07	2.12E-06	2.16E-03	1.83E-03	6.2E-05	6.5E-07	2.2E-06	0.0019
5740	488196.47, 3857968.74	0.79776	0.62664	0.68361	0.29724	3.31262	1.50E-03	5.5E-05	5.9E-07	3.7E-06	1.56E-03	1.84E-03	6.74E-05	5.82E-07	2.07E-06	1.91E-03	1.62E-03	5.2E-05	5.7E-07	2.1E-06	0.0017
5741	488263.44, 3858030.04	0.73255	0.53569	0.54724	0.26465	2.46283	1.38E-03	4.7E-05	5.3E-07	2.8E-06	1.43E-03	1.69E-03	5.76E-05	5.18E-07	1.54E-06	1.75E-03	1.49E-03	4.4E-05	5E-07	1.6E-06	0.0015
5742	488400.64, 3858132.9	0.65954	0.42443	0.40367	0.22369	1.27696	1.24E-03	3.7E-05	4.4E-07	1.4E-06	1.28E-03	1.52E-03	4.56E-05	4.38E-07	7.99E-07	1.57E-03	1.34E-03	3.5E-05	4.3E-07	8.2E-07	0.0014
5743	488519.89, 3858218.38	0.63477	0.35312	0.32648	0.19593	0.85049	1.19E-03	3.1E-05	3.9E-07	9.5E-07	1.23E-03	1.46E-03	3.80E-05	3.84E-07	5.32E-07	1.50E-03	1.29E-03	2.9E-05	3.7E-07	5.5E-07	0.0013
5744	488647.97, 3858214.99	0.56466	0.35902	0.32689	0.19588	0.79274	1.06E-03	3.1E-05	3.9E-07	8.9E-07	1.09E-03	1.30E-03	3.86E-05	3.84E-07	4.96E-07	1.34E-03	1.15E-03	3E-05	3.7E-07	5.1E-07	0.0012
5745	488727.05, 3858167.67	0.52439	0.39455	0.35574	0.21117	0.84735	9.85E-04	3.5E-05	4.2E-07	9.5E-07	1.02E-03	1.21E-03	4.24E-05	4.14E-07	5.30E-07	1.25E-03	1.06E-03	3.3E-05	4E-07	5.5E-07	0.0011
5746	488806.12, 3858120.35	0.49721	0.42814	0.38304	0.22816	0.8787	9.34E-04	3.8E-05	4.5E-07	9.8E-07	9.73E-04	1.14E-03	4.60E-05	4.47E-07	5.50E-07	1.19E-03	1.01E-03	3.5E-05	4.3E-07	5.7E-07	0.001
5747	488885.2, 3858073.03	0.47822	0.45799	0.40762	0.24445	0.88986	8.99E-04	4E-05	4.9E-07	9.9E-07	9.40E-04	1.10E-03	4.92E-05	4.79E-07	5.57E-07	1.15E-03	9.71E-04	3.8E-05	4.7E-07	5.7E-07	0.001
5748	489055.76, 3857991.18	0.44805	0.50141	0.43804	0.26971	0.84732	8.42E-04	4.4E-05	5.4E-07	9.5E-07	8.87E-04	1.03E-03	5.39E-05	5.28E-07	5.30E-07	1.09E-03	9.10E-04	4.1E-05	5.1E-07	5.5E-07	0.001
5749	489245.39, 3857944.55	0.41893	0.51222	0.43692	0.2788	0.75531	7.87E-04	4.5E-05	5.5E-07	8.4E-07	8.34E-04	9.65E-04	5.51E-05	5.46E-07	4.72E-07	1.02E-03	8.51E-04	4.2E-05	5.3E-07	4.9E-07	0.0009
5750	489430.63, 3857930.91	0.3905	0.49265	0.41501	0.27341	0.66899	7.34E-04	4.3E-05	5.4E-07	7.5E-07	7.78E-04	8.99E-04	5.30E-05	5.36E-07	4.18E-07	9.53E-04	7.93E-04	4.1E-05	5.2E-07	4.3E-07	0.0008
5751	489517.74, 3857929.36	0.37791	0.48021	0.4033	0.26921	0.63253	7.10E-04	4.2E-05	5.3E-07	7.1E-07	7.54E-04	8.70E-04	5.16E-05	5.27E-07	3.96E-07	9.23E-04	7.67E-04	4E-05	5.1E-07	4.1E-07	0.0008
5752	489604.86, 3857927.82	0.3661	0.46838	0.39258	0.26516	0.59872	6.88E-04	4.1E-05	5.3E-07	6.7E-07	7.30E-04	8.43E-04	5.04E-05	5.19E-07	3.74E-07	8.94E-04	7.43E-04	3.9E-05	5E-07	3.9E-07	0.0008
5753	489691.97, 3857926.28	0.35491	0.45577	0.38151	0.26072	0.5694	6.67E-04	4E-05	5.2E-07	6.4E-07	7.08E-04	8.17E-04	4.90E-05	5.11E-07	3.56E-07	8.67E-04	7.21E-04	3.8E-05	5E-07	3.7E-07	0.0008
5754	489779.08, 3857924.73	0.34431	0.44361	0.37117	0.25639	0.54217	6.47E-04	3.9E-05	5.1E-07	6.1E-07	6.87E-04	7.93E-04	4.77E-05	5.02E-07	3.39E-07	8.41E-04	6.99E-04	3.7E-05	4.9E-07	3.5E-07	0.0007
5755	490017.55, 3857875.09	0.32151	0.42698	0.3568	0.25376	0.48815	6.04E-04	3.7E-05	5E-07	5.5E-07	6.43E-04	7.40E-04	4.59E-05	4.97E-07	3.05E-07	7.87E-04	6.53E-04	3.5E-05	4.8E-07	3.2E-07	0.0007
5756	490033.82, 3857960.81	0.31342	0.39464	0.33262	0.2359	0.46528	5.89E-04	3.5E-05	4.7E-07	5.2E-07	6.25E-04	7.22E-04	4.24E-05	4.62E-07	2.91E-07	7.65E-04	6.36E-04	3.3E-05	4.5E-07	3E-07	0.0007

5757	489959.15, 3857987.49	0.31914	0.39279	0.33195	0.23372	0.47748	6.00E-04	3.4E-05	4.6E-07	5.3E-07	6.35E-04	7.35E-04	4.22E-05	4.58E-07	2.99E-07	7.78E-04	6.48E-04	3.2E-05	4.4E-07	3.1E-07	0.0007
5758	489791.49, 3858016.12	0.33516	0.40232	0.34222	0.23612	0.50677	6.30E-04	3.5E-05	4.7E-07	5.7E-07	6.66E-04	7.72E-04	4.33E-05	4.63E-07	3.17E-07	8.16E-04	6.81E-04	3.3E-05	4.5E-07	3.3E-07	0.0007
5759	489698.51, 3858018.07	0.34596	0.41155	0.35076	0.23947	0.53244	6.50E-04	3.6E-05	4.8E-07	5.9E-07	6.87E-04	7.97E-04	4.42E-05	4.69E-07	3.33E-07	8.42E-04	7.02E-04	3.4E-05	4.6E-07	3.4E-07	0.0007
5760	489605.52, 3858020.02	0.35746	0.42064	0.35945	0.24265	0.56066	6.72E-04	3.7E-05	4.8E-07	6.3E-07	7.10E-04	8.23E-04	4.52E-05	4.75E-07	3.51E-07	8.69E-04	7.26E-04	3.5E-05	4.6E-07	3.6E-07	0.0008
5761	489512.53, 3858021.96	0.36969	0.42957	0.36827	0.24564	0.59184	6.95E-04	3.8E-05	4.9E-07	6.6E-07	7.34E-04	8.51E-04	4.62E-05	4.81E-07	3.70E-07	8.98E-04	7.51E-04	3.6E-05	4.7E-07	3.8E-07	0.0008
5762	489419.55, 3858023.91	0.38265	0.43775	0.3767	0.24813	0.62725	7.19E-04	3.8E-05	4.9E-07	7E-07	7.59E-04	8.81E-04	4.71E-05	4.86E-07	3.92E-07	9.29E-04	7.77E-04	3.6E-05	4.7E-07	4.1E-07	0.0008
5763	489228.47, 3858041.29	0.41093	0.45029	0.39196	0.25037	0.69774	7.72E-04	4E-05	5E-07	7.8E-07	8.13E-04	9.46E-04	4.84E-05	4.90E-07	4.36E-07	9.96E-04	8.34E-04	3.7E-05	4.8E-07	4.5E-07	0.0009
5764	489065.75, 3858085.78	0.43633	0.43516	0.38302	0.23936	0.74844	8.20E-04	3.8E-05	4.8E-07	8.4E-07	8.59E-04	1.00E-03	4.68E-05	4.69E-07	4.68E-07	1.05E-03	8.86E-04	3.6E-05	4.6E-07	4.8E-07	0.0009
5765	489001.12, 3858114.86	0.44764	0.42166	0.37212	0.23103	0.75335	8.41E-04	3.7E-05	4.6E-07	8.4E-07	8.79E-04	1.03E-03	4.53E-05	4.53E-07	4.71E-07	1.08E-03	9.09E-04	3.5E-05	4.4E-07	4.9E-07	0.0009
5766	488861.89, 3858189.81	0.48227	0.38144	0.33837	0.20806	0.72862	9.06E-04	3.3E-05	4.1E-07	8.1E-07	9.41E-04	1.11E-03	4.10E-05	4.08E-07	4.56E-07	1.15E-03	9.79E-04	3.2E-05	4E-07	4.7E-07	0.001
5767	488787.29, 3858235.69	0.51246	0.35007	0.31308	0.19275	0.68947	9.63E-04	3.1E-05	3.8E-07	7.7E-07	9.95E-04	1.18E-03	3.76E-05	3.78E-07	4.31E-07	1.22E-03	1.04E-03	2.9E-05	3.7E-07	4.5E-07	0.0011
5768	488712.68, 3858281.57	0.55552	0.32093	0.28956	0.18102	0.63532	1.04E-03	2.8E-05	3.6E-07	7.1E-07	1.07E-03	1.28E-03	3.45E-05	3.55E-07	3.97E-07	1.31E-03	1.13E-03	2.7E-05	3.4E-07	4.1E-07	0.0012
5769	488654.39, 3858436.17	0.71022	0.24698	0.22284	0.15576	0.4277	1.33E-03	2.2E-05	3.1E-07	4.8E-07	1.36E-03	1.64E-03	2.66E-05	3.05E-07	2.68E-07	1.66E-03	1.44E-03	2E-05	3E-07	2.8E-07	0.0015
5770	488726.31, 3858505.26	0.72025	0.22529	0.20266	0.14602	0.3644	1.35E-03	2E-05	2.9E-07	4.1E-07	1.37E-03	1.66E-03	2.42E-05	2.86E-07	2.28E-07	1.68E-03	1.46E-03	1.9E-05	2.8E-07	2.4E-07	0.0015
5771	488880.6, 3858599.28	0.66559	0.2009	0.1806	0.13367	0.30173	1.25E-03	1.8E-05	2.7E-07	3.4E-07	1.27E-03	1.53E-03	2.16E-05	2.62E-07	1.89E-07	1.55E-03	1.35E-03	1.7E-05	2.5E-07	1.9E-07	0.0014
5772	489008.06, 3858714.75	0.65891	0.17681	0.15924	0.12179	0.24919	1.24E-03	1.6E-05	2.4E-07	2.8E-07	1.25E-03	1.52E-03	1.90E-05	2.39E-07	1.56E-07	1.54E-03	1.34E-03	1.5E-05	2.3E-07	1.6E-07	0.0014
5773	489071.48, 3858772.72	0.62758	0.16674	0.15041	0.11662	0.22899	1.18E-03	1.5E-05	2.3E-07	2.6E-07	1.19E-03	1.45E-03	1.79E-05	2.28E-07	1.43E-07	1.46E-03	1.27E-03	1.4E-05	2.2E-07	1.5E-07	0.0013
5774	489244.6, 3858920.2	0.34651	0.14481	0.13138	0.10474	0.18943	6.51E-04	1.3E-05	2.1E-07	2.1E-07	6.64E-04	7.98E-04	1.56E-05	2.05E-07	1.18E-07	8.14E-04	7.04E-04	1.2E-05	2E-07	1.2E-07	0.0007
5775	489239.69, 3858952.23	0.31534	0.14112	0.12813	0.103	0.18355	5.93E-04	1.2E-05	2E-07	2.1E-07	6.05E-04	7.26E-04	1.52E-05	2.02E-07	1.15E-07	7.42E-04	6.40E-04	1.2E-05	2E-07	1.2E-07	0.0007
5776	489121.67, 3858854.49	0.52245	0.15433	0.13955	0.1104	0.2064	9.82E-04	1.4E-05	2.2E-07	2.3E-07	9.96E-04	1.20E-03	1.66E-05	2.16E-07	1.29E-07	1.22E-03	1.06E-03	1.3E-05	2.1E-07	1.3E-07	0.0011
5777	489059.59, 3858797.27	0.65687	0.16301	0.14708	0.11506	0.22228	1.23E-03	1.4E-05	2.3E-07	2.5E-07	1.25E-03	1.51E-03	1.75E-05	2.25E-07	1.39E-07	1.53E-03	1.33E-03	1.3E-05	2.2E-07	1.4E-07	0.0013
5778	488997.52, 3858740.04	0.70482	0.17276	0.1556	0.12018	0.24074	1.32E-03	1.5E-05	2.4E-07	2.7E-07	1.34E-03	1.62E-03	1.86E-05	2.35E-07	1.51E-07	1.64E-03	1.43E-03	1.4E-05	2.3E-07	1.6E-07	0.0014
5779	488935.44, 3858682.82	0.71127	0.18324	0.16481	0.12553	0.26256	1.34E-03	1.6E-05	2.5E-07	2.9E-07	1.35E-03	1.64E-03	1.97E-05	2.46E-07	1.64E-07	1.66E-03	1.44E-03	1.5E-05	2.4E-07	1.7E-07	0.0015
5780	488869.17, 3858848.43	1.73827	0.15792	0.14255	0.11359	0.21631	3.27E-03	1.4E-05	2.3E-07	2.4E-07	3.28E-03	4.00E-03	1.70E-05	2.23E-07	1.35E-07	4.02E-03	3.53E-03	1.3E-05	2.2E-07	1.4E-07	0.0035
5781	488932.48, 3858892.69	0.83596	0.1514	0.13693	0.1099	0.20465	1.57E-03	1.3E-05	2.2E-07	2.3E-07	1.58E-03	1.93E-03	1.63E-05	2.15E-07	1.28E-07	1.94E-03	1.70E-03	1.3E-05	2.1E-07	1.3E-07	0.0017
5782	489063.27, 3858977.17	0.32308	0.14059	0.12761	0.10365	0.18495	6.07E-04	1.2E-05	2.1E-07	2.1E-07	6.20E-04	7.44E-04	1.51E-05	2.03E-07	1.16E-07	7.59E-04	6.56E-04	1.2E-05	2E-07	1.2E-07	0.0007
5783	489248.2, 3859117.15	0.18961	0.1252	0.11438	0.0945	0.15958	3.56E-04	1.1E-05	1.9E-07	1.8E-07	3.68E-04	4.37E-04	1.35E-05	1.85E-07	9.98E-08	4.50E-04	3.85E-04	1E-05	1.8E-07	1E-07	0.0004
5784	489296.25, 3859049.22	0.22708	0.13038	0.11883	0.09713	0.16691	4.27E-04	1.1E-05	1.9E-07	1.9E-07	4.39E-04	5.23E-04	1.40E-05	1.90E-07	1.04E-07	5.37E-04	4.61E-04	1.1E-05	1.8E-07	1.1E-07	0.0005
5785	489353.38, 3858993.97	0.25668	0.13527	0.12316	0.09917	0.17377	4.82E-04	1.2E-05	2E-07	1.9E-07	4.95E-04	5.91E-04	1.45E-05	1.94E-07	1.09E-07	6.06E-04	5.21E-04	1.1E-05	1.9E-07	1.1E-07	0.0005
5786	489537.25, 3859120.22	0.18225	0.12144	0.11124	0.09087	0.15183	3.42E-04	1.1E-05	1.8E-07	1.7E-07	3.53E-04	4.20E-04	1.31E-05	1.78E-07	9.50E-08	4.33E-04	3.70E-04	1E-05	1.7E-07	9.8E-08	0.0004
5787	489726.98, 3859246.04	0.14462	0.10939	0.10082	0.08338	0.13443	2.72E-04	9.6E-06	1.7E-07	1.5E-07	2.82E-04	3.33E-04	1.18E-05	1.63E-07	8.41E-08	3.45E-04	2.94E-04	9E-06	1.6E-07	8.7E-08	0.0003
5788	489911.46, 3859366.33	0.1223	0.10003	0.09269	0.07736	0.12075	2.30E-04	8.8E-06	1.5E-07	1.3E-07	2.39E-04	2.82E-04	1.08E-05	1.52E-07	7.55E-08	2.93E-04	2.48E-04	8.3E-06	1.5E-07	7.8E-08	0.0003
5789	490035.3, 3859430.26	0.1128	0.09462	0.08794	0.07371	0.11434	2.12E-04	8.3E-06	1.5E-07	1.3E-07	2.21E-04	2.60E-04	1.02E-05	1.44E-07	7.15E-08	2.70E-04	2.29E-04	7.8E-06	1.4E-07	7.4E-08	0.0002
5790	490101.11, 3859458.61	0.10915	0.09257	0.08615	0.07226	0.11161	2.05E-04	8.1E-06	1.4E-07	1.2E-07	2.14E-04	2.51E-04	9.95E-06	1.42E-07	6.98E-08	2.62E-04	2.22E-04	7.7E-06	1.4E-07	7.2E-08	0.0002
5791	490312.68, 3859560.3	0.09807	0.08601	0.08037	0.06766	0.10296	1.84E-04	7.5E-06	1.3E-07	1.2E-07	1.92E-04	2.26E-04	9.25E-06	1.33E-07	6.44E-08	2.35E-04	1.99E-04	7.1E-06	1.3E-07	6.7E-08	0.0002
5792	490401.63, 3859603.12	0.09418	0.08364	0.07827	0.06597	0.0997	1.77E-04	7.3E-06	1.3E-07	1.1E-07	1.85E-04	2.17E-04	8.99E-06	1.29E-07	6.24E-08	2.26E-04	1.91E-04	6.9E-06	1.3E-07	6.4E-08	0.0002
5793	490490.57, 3859645.94	0.09066	0.08145	0.07634	0.0644	0.09664	1.70E-04	7.1E-06	1.3E-07	1.1E-07	1.78E-04	2.09E-04	8.76E-06	1.26E-07	6.04E-08	2.18E-04	1.84E-04	6.7E-06	1.2E-07	6.2E-08	0.0002
5794	490579.51, 3859688.76	0.08749	0.0795	0.07462	0.06299	0.09375	1.64E-04	7E-06	1.3E-07	1E-07	1.72E-04	2.01E-04	8.55E-06	1.23E-07	5.86E-08	2.10E-04	1.78E-04	6.6E-06	1.2E-07	6.1E-08	0.0002
5795	490668.45, 3859731.58	0.08474	0.07787	0.07319	0.06179	0.09099	1.59E-04	6.8E-06	1.2E-07	1E-07	1.66E-04	1.95E-04	8.37E-06	1.21E-07	5.69E-08	2.04E-04	1.72E-04	6.4E-06	1.2E-07	5.9E-08	0.0002
5796	490757.4, 3859774.4	0.08176	0.07574	0.07128	0.06027	0.08846	1.54E-04	6.6E-06	1.2E-07	9.9E-08	1.61E-04	1.88E-04	8.14E-06	1.18E-07	5.53E-08	1.97E-04	1.66E-04	6.3E-06	1.1E-07	5.7E-08	0.0002
5797	491003.53, 3859861.82	0.07653	0.07224	0.0681	0.05749	0.08395	1.44E-04	6.3E-06	1.1E-07	9.4E-08	1.50E-04	1.76E-04	7.77E-06	1.13E-07	5.25E-08	1.84E-04	1.55E-04	6E-06	1.1E-07	5.4E-08	0.0002
5798	491081.41, 3859879.05	0.07546	0.07161	0.06748	0.05688	0.08333	1.42E-04	6.3E-06	1.1E-07	9.3E-08	1.48E-04	1.74E-04	7.70E-06	1.11E-07	5.21E-08	1.82E-04	1.53E-04	5.9E-06	1.1E-07	5.4E-08	0.0002
5799	491229.76, 3859917.82	0.07321	0.07014	0.06608	0.05561	0.08188	1.38E-04	6.2E-06	1.1E-07	9.1E-08	1.44E-04	1.69E-04	7.54E-06	1.09E-07	5.12E-08	1.76E-04	1.49E-04	5.8E-06	1.1E-07	5.3E-08	0.0002
5800	491300.22, 3859939.35	0.07196	0.06922	0.06522	0.05488	0.08105	1.35E-04	6.1E-06	1.1E-07	9.1E-08	1.41E-04	1.66E-04	7.44E-06	1.08E-07	5.07E-08	1.73E-04	1.46E-04	5.7E-06	1E-07	5.2E-08	0.0002
5801	491350.49, 3860012.03	0.06796	0.06532	0.06176	0.05244	0.07695	1.28E-04	5.7E-06	1E-07	8.6E-08	1.34E-04	1.56E-04	7.02E-06	1.03E-07	4.81E-08	1.64E-04	1.38E-04	5.4E-06	1E-07	5E-08	0.0001
5802	491406.82, 3860092.57	0.06417	0.06183	0.05865	0.05022	0.07284	1.21E-04	5.4E-06	1E-07	8.1E-08	1.26E-04	1.48E-04	6.65E-06	9.84E-08	4.56E-08	1.55E-04	1.30E-04	5.1E-06	9.6E-08	4.7E-08	0.0001
5803	491483.37, 3860121.96	0.06305	0.06101	0.0579	0.04957	0.07177	1.18E-04	5.4E-06	9.8E-08	8E-08	1.24E-04	1.45E-04	6.56E-06	9.71E-08	4.49E-08	1.52E-04	1.28E-04	5E-06	9.4E-08	4.6E-08	0.0001
5804	491559.91, 3860151.36	0.0619	0.06014	0.0571	0.04887	0.07069	1.16E-04	5.3E-06	9.7E-08	7.9E-08	1.22E-04	1.43E-04	6.47E-06	9.57E-08	4.42E-08	1.49E-04	1.26E-04	5E-06	9.3E-08	4.6E-08	0.0001
5805	491711.81, 3860237.76	0.06017	0.05931	0.05642	0.0482	0.06765	1.13E-04	5.2E-06	9.6E-08	7.6E-08	1.18E-04	1.39E-04	6.38E-06	9.44E-08	4.23E-08	1.45E-04	1.22E-04	4.9E-06	9.2E-08	4.4E-08	0.0001
5806	491755.2, 3860319.07	0.05553	0.05438	0.0519	0.04494	0.06383	1.04E-04	4.8E-06	8.9E-08	7.1E-08	1.09E-04	1.28E-04	5.85E-06	8.80E-08	3.99E-08	1.34E-04	1.13E-04	4.5E-06	8.5E-08	4.1E-08	0.0001
5807	491704.71, 3860366.54	0.05398	0.05285	0.05055	0.04408	0.06187	1.01E-04	4.6E-06	8.7E-08	6.9E-08	1.06E-04	1.24E-04	5.68E-06	8.63E-08	3.87E-08	1.30E-04	1.10E-04	4.4E-06	8.4E-08	4E-08	0.0001
5808	491623.43, 3860462.39	0.05093	0.05018	0.04815	0.04248	0.0586	9.57E-05	4.4E-06	8.4E-08	6.5E-08	1.00E-04	1.17E-04	5.39E-06	8.32E-08	3.67E-08	1.23E-04	1.03E-04	4.1E-06	8.1E-08	3.8E-08	0.0001
5809	491534.02, 3860439.85	0.05319	0.05268	0.05052	0.04443	0.06001	1.00E-04	4.6E-06	8.8E-08	6.7E-08	1.05E-04	1.22E-04	5.66E-06	8.70E-08	3.75E-08	1.28E-04	1.08E-04	4.4E-06	8.5E-08	3.9E-08	0.0001
5810	491313.95, 3860268.18	0.05648	0.05494	0.05251	0.04608	0.0648	1.06E-04	4.8E-06	9.1E-08	7.2E-08	1.11E-04	1.30E-04	5.91E-06	9.03E-08	4.05E-08	1.36E-04	1.15E-04	4.5E-06	8.8E-08	4.2E-08	0.0001
5811	491187.12, 3860143.56	0.06161	0.05928	0.05645	0.04914	0.06985	1.16E-04	5.2E-06	9.8E-08	7.8E-08	1.21E-04	1.42E-04	6.37E-06	9.63E-08	4.37E-08	1.48E-04	1.25E-04	4.9E-06	9.3E-08	4.5E-08	0.0001
5812	491070.43, 3860075.97	0.06474	0.06194	0.05888	0.0511	0.07287	1.22E-04	5.4E-06	1E-07	8.1E-08	1.27E-04	1.49E-04	6.66E-06	1.00E-07	4.56E-08	1.56E-04	1.31E-04	5.1E-06	9.7E-08	4.7E-08	0.0001
5813	490995.09, 3860039.39	0.06644	0.06336	0.06016	0.05217	0.07456	1.25E-04	5.6E-06	1E-07	8.3E-08	1.31E-04	1.53E-04	6.81E-06	1.02E-07	4.66E-08	1.60E-04	1.35E-04	5.2E-06	9.9E-08	4.8E-08	0.0001
5814	490919.75, 3860002.8	0.06824	0.06487	0.06153	0.0533	0.07631	1.28E-04	5.7E-06	1.1E-07	8.5E-08	1.34E-04	1.57E-04	6.97E-06	1.04E-07	4.77E-08	1.64E-04	1.39E-04	5.4E-06	1E-07	4.9E-08	0.0001
5815	490756.81, 3859894.53	0.07429	0.06982	0.066	0.0568	0.08181	1.40E-04	6.1E-06	1.1E-07	9.1E-08	1.46E-04	1.71E-04	7.51E-06	1.11E-07	5.12E-08	1.79E-04	1.51E-04	5.8E-06	1.1E-07	5.3E-08	0.0002
5816	490668.07, 3859860.92	0.07597	0.07106	0.0671	0.05779	0.08369	1.43E-04	6.2E-06	1.1E-07	9.4E-08	1.49E-04	1.75E-04	7.64E-06	1.13E-07	5.23E-08	1.83E-04	1.54E-04	5.9E-06	1.1E-07	5.4E-08	0.0002
5817	490579.34, 3859827.3	0.07796	0.07267	0.06854	0.05903	0.08575	1.47E-04	6.4E-06	1.2E-07	9.6E-08	1.53E-04	1.80E-04	7.81E-06	1.16E-07	5.36E-08	1.88E-04	1.58E-04	6E-06	1.1E-07	5.5E-08	0.0002
5818	490490.6, 3859793.68	0.07981	0.07407	0.06978	0.06014	0.0879	1.50E-04	6.5E-06	1.2E-07	9.8E-08	1.57E-04	1.84E-04	7.96E-06	1.18E-07	5.50E-08	1.92E-04	1.62E-04	6.1E-06	1.1E-07	5.7E-08	0.0002
5819	490401.86, 3859760.07	0.08184	0.07564	0.07117	0.06136	0.09022	1.54E-04	6.6E-06	1.2E-07	1E-07	1.61E-04	1.88E-04	8.13E-06	1.20E-07	5.64E-08	1.97E-04	1.66E-04	6.3E-06	1.2E-07	5.8E-08	0.0002
5820	490313.12, 3859726.45	0.08418	0.07752	0.07284	0.0628	0.09276	1.58E-04	6.8E-06	1.2E-07	1E-07	1.65E-04	1.94E-04	8.33E-06	1.23E-07	5.80E-08	2.02E-04	1.71E-04	6.4E-06	1.2E-07	6E-08	0.0002

5821	490224.39, 3859692.83	0.08676	0.07963	0.07471	0.06439	0.09552	1.63E-04	7E-06	1.3E-07	1.1E-07	1.70E-04	2.00E-04	8.56E-06	1.26E-07	5.97E-08	2.09E-04	1.76E-04	6.6E-06	1.2E-07	6.2E-08	0.0002
5822	490135.65, 3859659.22	0.08965	0.08202	0.07682	0.06617	0.09851	1.68E-04	7.2E-06	1.3E-07	1.1E-07	1.76E-04	2.06E-04	8.82E-06	1.30E-07	6.16E-08	2.15E-04	1.82E-04	6.8E-06	1.3E-07	6.4E-08	0.0002
5823	489918.19, 3859559.23	0.09901	0.08906	0.08303	0.07119	0.10754	1.86E-04	7.8E-06	1.4E-07	1.2E-07	1.94E-04	2.28E-04	9.57E-06	1.39E-07	6.73E-08	2.38E-04	2.01E-04	7.4E-06	1.4E-07	6.9E-08	0.0002
5824	489743.61, 3859486	0.10714	0.09464	0.08793	0.07512	0.11534	2.01E-04	8.3E-06	1.5E-07	1.3E-07	2.10E-04	2.47E-04	1.02E-05	1.47E-07	7.21E-08	2.57E-04	2.18E-04	7.8E-06	1.4E-07	7.5E-08	0.0002
5825	489660.32, 3859440.27	0.11276	0.09793	0.09081	0.07735	0.12007	2.12E-04	8.6E-06	1.5E-07	1.3E-07	2.21E-04	2.60E-04	1.05E-05	1.52E-07	7.51E-08	2.70E-04	2.29E-04	8.1E-06	1.5E-07	7.8E-08	0.0002
5826	489577.04, 3859394.53	0.11914	0.10145	0.09388	0.07969	0.12509	2.24E-04	8.9E-06	1.6E-07	1.4E-07	2.33E-04	2.74E-04	1.09E-05	1.56E-07	7.82E-08	2.85E-04	2.42E-04	8.4E-06	1.5E-07	8.1E-08	0.0003
5827	489493.75, 3859348.8	0.12636	0.10502	0.09699	0.08204	0.13041	2.37E-04	9.2E-06	1.6E-07	1.5E-07	2.47E-04	2.91E-04	1.13E-05	1.61E-07	8.16E-08	3.03E-04	2.57E-04	8.7E-06	1.6E-07	8.4E-08	0.0003
5828	489321.28, 3859240.02	0.14853	0.11415	0.10493	0.08789	0.14396	2.79E-04	1E-05	1.7E-07	1.6E-07	2.89E-04	3.42E-04	1.23E-05	1.72E-07	9.00E-08	3.55E-04	3.02E-04	9.4E-06	1.7E-07	9.3E-08	0.0003
5829	489235.41, 3859193.96	0.16177	0.1188	0.10897	0.09082	0.15056	3.04E-04	1E-05	1.8E-07	1.7E-07	3.15E-04	3.73E-04	1.28E-05	1.78E-07	9.42E-08	3.86E-04	3.28E-04	9.8E-06	1.7E-07	9.7E-08	0.0003
5830	489149.54, 3859147.89	0.17816	0.12275	0.11241	0.0933	0.15764	3.35E-04	1.1E-05	1.9E-07	1.8E-07	3.46E-04	4.10E-04	1.32E-05	1.83E-07	9.86E-08	4.24E-04	3.62E-04	1E-05	1.8E-07	1E-07	0.0004
5831	489063.68, 3859101.82	0.20016	0.12756	0.11659	0.09628	0.16512	3.76E-04	1.1E-05	1.9E-07	1.8E-07	3.88E-04	4.61E-04	1.37E-05	1.89E-07	1.03E-07	4.75E-04	4.06E-04	1.1E-05	1.8E-07	1.1E-07	0.0004
5832	488977.81, 3859055.75	0.23012	0.13269	0.12105	0.09942	0.17308	4.32E-04	1.2E-05	2E-07	1.9E-07	4.44E-04	5.30E-04	1.43E-05	1.95E-07	1.08E-07	5.44E-04	4.67E-04	1.1E-05	1.9E-07	1.1E-07	0.0005
5833	488891.94, 3859009.69	0.27022	0.13709	0.12491	0.1021	0.18166	5.08E-04	1.2E-05	2E-07	2E-07	5.20E-04	6.22E-04	1.47E-05	2.00E-07	1.14E-07	6.37E-04	5.49E-04	1.1E-05	1.9E-07	1.2E-07	0.0006
5834	488808, 3859060.73	0.22178	0.13046	0.11936	0.09842	0.17115	4.17E-04	1.1E-05	2E-07	1.9E-07	4.29E-04	5.11E-04	1.40E-05	1.93E-07	1.07E-07	5.25E-04	4.50E-04	1.1E-05	1.9E-07	1.1E-07	0.0005
5835	488809.93, 3859157.85	0.17397	0.11972	0.1101	0.09193	0.15432	3.27E-04	1.1E-05	1.8E-07	1.7E-07	3.38E-04	4.01E-04	1.29E-05	1.80E-07	9.65E-08	4.14E-04	3.53E-04	9.9E-06	1.7E-07	1E-07	0.0004
5836	488811.86, 3859254.96	0.14589	0.11005	0.10165	0.08585	0.14004	2.74E-04	9.7E-06	1.7E-07	1.6E-07	2.84E-04	3.36E-04	1.18E-05	1.68E-07	8.76E-08	3.48E-04	2.96E-04	9.1E-06	1.6E-07	9E-08	0.0003
5837	488813.78, 3859352.07	0.12676	0.10152	0.09412	0.08036	0.12787	2.38E-04	8.9E-06	1.6E-07	1.4E-07	2.47E-04	2.92E-04	1.09E-05	1.57E-07	8.00E-08	3.03E-04	2.57E-04	8.4E-06	1.5E-07	8.3E-08	0.0003
5838	488815.71, 3859449.19	0.11296	0.09432	0.08772	0.07568	0.1175	2.12E-04	8.3E-06	1.5E-07	1.3E-07	2.21E-04	2.60E-04	1.01E-05	1.48E-07	7.35E-08	2.70E-04	2.29E-04	7.8E-06	1.4E-07	7.6E-08	0.0002
5839	488910.04, 3859547.11	0.10241	0.08848	0.08261	0.07172	0.10929	1.92E-04	7.8E-06	1.4E-07	1.2E-07	2.00E-04	2.36E-04	9.51E-06	1.40E-07	6.84E-08	2.46E-04	2.08E-04	7.3E-06	1.4E-07	7.1E-08	0.0002
5840	489002.45, 3859547.91	0.103	0.08922	0.08334	0.07212	0.11	1.94E-04	7.8E-06	1.4E-07	1.2E-07	2.02E-04	2.37E-04	9.59E-06	1.41E-07	6.88E-08	2.47E-04	2.09E-04	7.4E-06	1.4E-07	7.1E-08	0.0002
5841	489094.85, 3859548.72	0.10363	0.09007	0.08417	0.07266	0.1107	1.95E-04	7.9E-06	1.4E-07	1.2E-07	2.03E-04	2.39E-04	9.68E-06	1.42E-07	6.92E-08	2.49E-04	2.10E-04	7.4E-06	1.4E-07	7.2E-08	0.0002
5842	489230.05, 3859601.87	0.09925	0.08761	0.08207	0.071	0.10716	1.87E-04	7.7E-06	1.4E-07	1.2E-07	1.94E-04	2.29E-04	9.42E-06	1.39E-07	6.70E-08	2.38E-04	2.02E-04	7.2E-06	1.4E-07	6.9E-08	0.0002
5843	489227.52, 3859680.89	0.09229	0.08286	0.07781	0.0677	0.10076	1.73E-04	7.3E-06	1.3E-07	1.1E-07	1.81E-04	2.13E-04	8.91E-06	1.33E-07	6.30E-08	2.22E-04	1.87E-04	6.9E-06	1.3E-07	6.5E-08	0.0002
5844	489133.47, 3859760.29	0.08583	0.07792	0.07329	0.06433	0.09452	1.61E-04	6.8E-06	1.3E-07	1.1E-07	1.68E-04	1.98E-04	8.38E-06	1.26E-07	5.91E-08	2.06E-04	1.74E-04	6.4E-06	1.2E-07	6.1E-08	0.0002
5845	489041.96, 3859760.67	0.08545	0.07732	0.07271	0.06405	0.09398	1.61E-04	6.8E-06	1.3E-07	1.1E-07	1.68E-04	1.97E-04	8.31E-06	1.25E-07	5.88E-08	2.05E-04	1.73E-04	6.4E-06	1.2E-07	6.1E-08	0.0002
5846	488950.45, 3859761.05	0.08494	0.07664	0.07207	0.06377	0.0933	1.60E-04	6.7E-06	1.3E-07	1E-07	1.67E-04	1.96E-04	8.24E-06	1.25E-07	5.84E-08	2.04E-04	1.72E-04	6.3E-06	1.2E-07	6E-08	0.0002
5847	488858.94, 3859761.43	0.08456	0.07603	0.07151	0.06355	0.09254	1.59E-04	6.7E-06	1.3E-07	1E-07	1.66E-04	1.95E-04	8.17E-06	1.24E-07	5.79E-08	2.03E-04	1.72E-04	6.3E-06	1.2E-07	6E-08	0.0002
5848	488767.43, 3859761.82	0.08399	0.07502	0.07065	0.06313	0.09165	1.58E-04	6.6E-06	1.3E-07	1E-07	1.65E-04	1.93E-04	8.06E-06	1.24E-07	5.73E-08	2.02E-04	1.71E-04	6.2E-06	1.2E-07	5.9E-08	0.0002
5849	488675.92, 3859762.2	0.08372	0.0741	0.06997	0.0629	0.09101	1.57E-04	6.5E-06	1.2E-07	1E-07	1.64E-04	1.93E-04	7.97E-06	1.23E-07	5.69E-08	2.01E-04	1.70E-04	6.1E-06	1.2E-07	5.9E-08	0.0002
5850	488584.41, 3859762.58	0.08323	0.07279	0.06914	0.06252	0.09049	1.56E-04	6.4E-06	1.2E-07	1E-07	1.63E-04	1.92E-04	7.83E-06	1.22E-07	5.66E-08	2.00E-04	1.69E-04	6E-06	1.2E-07	5.8E-08	0.0002
5851	488492.9, 3859762.96	0.08283	0.07156	0.06849	0.06224	0.09015	1.56E-04	6.3E-06	1.2E-07	1E-07	1.62E-04	1.91E-04	7.69E-06	1.22E-07	5.64E-08	1.99E-04	1.68E-04	5.9E-06	1.2E-07	5.8E-08	0.0002
5852	488402.76, 3859830.95	0.07844	0.06769	0.06543	0.05985	0.08578	1.47E-04	5.9E-06	1.2E-07	9.6E-08	1.54E-04	1.81E-04	7.28E-06	1.17E-07	5.37E-08	1.88E-04	1.59E-04	5.6E-06	1.1E-07	5.5E-08	0.0002
5853	488404.14, 3859898.55	0.07447	0.06479	0.06281	0.05765	0.08196	1.40E-04	5.7E-06	1.1E-07	9.2E-08	1.46E-04	1.71E-04	6.97E-06	1.13E-07	5.13E-08	1.79E-04	1.51E-04	5.4E-06	1.1E-07	5.3E-08	0.0002
5854	488505.18, 3859964.96	0.07144	0.06297	0.06099	0.05612	0.07899	1.34E-04	5.5E-06	1.1E-07	8.8E-08	1.40E-04	1.65E-04	6.77E-06	1.10E-07	4.94E-08	1.71E-04	1.45E-04	5.2E-06	1.1E-07	5.1E-08	0.0002
5855	488604.85, 3859963.76	0.07175	0.06397	0.06153	0.05645	0.07932	1.35E-04	5.6E-06	1.1E-07	8.9E-08	1.41E-04	1.65E-04	6.88E-06	1.11E-07	4.96E-08	1.72E-04	1.46E-04	5.3E-06	1.1E-07	5.1E-08	0.0002
5856	488704.51, 3859962.56	0.07216	0.0652	0.06224	0.05681	0.07972	1.36E-04	5.7E-06	1.1E-07	8.9E-08	1.42E-04	1.66E-04	7.01E-06	1.11E-07	4.99E-08	1.73E-04	1.47E-04	5.4E-06	1.1E-07	5.1E-08	0.0002
5857	488804.18, 3859961.37	0.07266	0.06638	0.06303	0.05719	0.08032	1.37E-04	5.8E-06	1.1E-07	9E-08	1.43E-04	1.67E-04	7.14E-06	1.12E-07	5.02E-08	1.75E-04	1.48E-04	5.5E-06	1.1E-07	5.2E-08	0.0002
5858	488903.85, 3859960.17	0.07318	0.06735	0.0638	0.05756	0.0811	1.38E-04	5.9E-06	1.1E-07	9.1E-08	1.44E-04	1.69E-04	7.24E-06	1.13E-07	5.07E-08	1.76E-04	1.49E-04	5.6E-06	1.1E-07	5.2E-08	0.0002
5859	489003.52, 3859958.97	0.07361	0.06802	0.06439	0.05781	0.08188	1.38E-04	6E-06	1.1E-07	9.1E-08	1.45E-04	1.70E-04	7.31E-06	1.13E-07	5.12E-08	1.77E-04	1.49E-04	5.6E-06	1.1E-07	5.3E-08	0.0002
5860	489103.18, 3859957.77	0.07399	0.06859	0.06491	0.05801	0.08255	1.39E-04	6E-06	1.2E-07	9.2E-08	1.45E-04	1.70E-04	7.37E-06	1.14E-07	5.16E-08	1.78E-04	1.50E-04	5.7E-06	1.1E-07	5.3E-08	0.0002
5861	489201.48, 3860046.59	0.07004	0.06564	0.06227	0.0558	0.07852	1.32E-04	5.8E-06	1.1E-07	8.8E-08	1.38E-04	1.61E-04	7.06E-06	1.09E-07	4.91E-08	1.69E-04	1.42E-04	5.4E-06	1.1E-07	5.1E-08	0.0001
5862	489200.11, 3860136.61	0.06604	0.0622	0.05918	0.05342	0.07428	1.24E-04	5.5E-06	1.1E-07	8.3E-08	1.30E-04	1.52E-04	6.69E-06	1.05E-07	4.65E-08	1.59E-04	1.34E-04	5.1E-06	1E-07	4.8E-08	0.0001
5863	489198.74, 3860226.63	0.06247	0.05909	0.05636	0.05121	0.07039	1.17E-04	5.2E-06	1E-07	7.9E-08	1.23E-04	1.44E-04	6.35E-06	1.00E-07	4.40E-08	1.50E-04	1.27E-04	4.9E-06	9.7E-08	4.5E-08	0.0001
5864	489197.38, 3860316.66	0.05916	0.05613	0.05368	0.04907	0.06674	1.11E-04	4.9E-06	9.7E-08	7.5E-08	1.16E-04	1.36E-04	6.03E-06	9.61E-08	4.17E-08	1.42E-04	1.20E-04	4.6E-06	9.3E-08	4.3E-08	0.0001
5865	489196.01, 3860406.68	0.05626	0.05353	0.0513	0.04716	0.06341	1.06E-04	4.7E-06	9.4E-08	7.1E-08	1.11E-04	1.30E-04	5.75E-06	9.24E-08	3.97E-08	1.35E-04	1.14E-04	4.4E-06	9E-08	4.1E-08	0.0001
5866	489194.64, 3860496.7	0.05338	0.05087	0.04886	0.04516	0.0602	1.00E-04	4.5E-06	9E-08	6.7E-08	1.05E-04	1.23E-04	5.47E-06	8.85E-08	3.77E-08	1.29E-04	1.08E-04	4.2E-06	8.6E-08	3.9E-08	0.0001
5867	489193.27, 3860586.72	0.05094	0.0486	0.04679	0.04345	0.05733	9.57E-05	4.3E-06	8.6E-08	6.4E-08	1.00E-04	1.17E-04	5.22E-06	8.51E-08	3.59E-08	1.23E-04	1.03E-04	4E-06	8.3E-08	3.7E-08	0.0001
5868	489092.02, 3860678.13	0.04832	0.04575	0.04435	0.04155	0.05417	9.08E-05	4E-06	8.2E-08	6.1E-08	9.50E-05	1.11E-04	4.92E-06	8.14E-08	3.39E-08	1.16E-04	9.81E-05	3.8E-06	7.9E-08	3.5E-08	0.0001
5869	488992.13, 3860679.53	0.04799	0.04501	0.0439	0.0413	0.05382	9.02E-05	3.9E-06	8.2E-08	6E-08	9.43E-05	1.11E-04	4.84E-06	8.09E-08	3.37E-08	1.15E-04	9.74E-05	3.7E-06	7.9E-08	3.5E-08	0.0001
5870	488892.25, 3860680.92	0.04777	0.0444	0.04357	0.0411	0.05365	8.98E-05	3.9E-06	8.2E-08	6E-08	9.38E-05	1.10E-04	4.77E-06	8.05E-08	3.36E-08	1.15E-04	9.70E-05	3.7E-06	7.8E-08	3.5E-08	0.0001
5871	488792.36, 3860682.31	0.04756	0.04391	0.04326	0.04086	0.05354	8.94E-05	3.9E-06	8.1E-08	6E-08	9.34E-05	1.10E-04	4.72E-06	8.00E-08	3.35E-08	1.14E-04	9.66E-05	3.6E-06	7.8E-08	3.5E-08	0.0001
5872	488692.48, 3860683.7	0.0475	0.04378	0.0431	0.0407	0.0535	8.93E-05	3.8E-06	8.1E-08	6E-08	9.32E-05	1.09E-04	4.71E-06	7.97E-08	3.35E-08	1.14E-04	9.64E-05	3.6E-06	7.7E-08	3.5E-08	0.0001
5873	488592.59, 3860685.1	0.04728	0.04373	0.0428	0.04038	0.05325	8.88E-05	3.8E-06	8E-08	5.9E-08	9.28E-05	1.09E-04	4.70E-06	7.91E-08	3.33E-08	1.14E-04	9.60E-05	3.6E-06	7.7E-08	3.4E-08	1E-04
5874	488492.71, 3860686.49	0.0475	0.04427	0.04287	0.0404	0.05312	8.93E-05	3.9E-06	8E-08	5.9E-08	9.33E-05	1.09E-04	4.76E-06	7.91E-08	3.32E-08	1.14E-04	9.64E-05	3.7E-06	7.7E-08	3.4E-08	0.0001
5875	488299.07, 3860762.18	0.04675	0.04462	0.042	0.03972	0.05094	8.79E-05	3.9E-06	7.9E-08	5.7E-08	9.19E-05	1.08E-04	4.80E-06	7.78E-08	3.19E-08	1.13E-04	9.49E-05	3.7E-06	7.6E-08	3.3E-08	1E-04
5876	488205.32, 3860764.09	0.04643	0.04442	0.04148	0.03943	0.05041	8.73E-05	3.9E-06	7.8E-08	5.6E-08	9.13E-05	1.07E-04	4.78E-06	7.72E-08	3.15E-08	1.12E-04	9.43E-05	3.7E-06	7.5E-08	3.3E-08	1E-04
5877	488111.56, 3860766	0.04598	0.04379	0.04083	0.03909	0.04989	8.64E-05	3.8E-06	7.8E-08	5.6E-08	9.04E-05	1.06E-04	4.71E-06	7.66E-08	3.12E-08	1.11E-04	9.34E-05	3.6E-06	7.4E-08	3.2E-08	1E-04
5878	488017.81, 3860767.91	0.04553	0.04289	0.0402	0.0388	0.04946	8.56E-05	3.8E-06	7.7E-08	5.5E-08	8.95E-05	1.05E-04	4.61E-06	7.60E-08	3.09E-08	1.10E-04	9.24E-05	3.5E-06	7.4E-08	3.2E-08	1E-04
5879	487924.06, 3860769.81	0.04522	0.04187	0.0397	0.03863	0.04921	8.50E-05	3.7E-06	7.7E-08	5.5E-08	8.88E-05	1.04E-04	4.50E-06	7.57E-08	3.08E-08	1.09E-04	9.18E-05	3.5E-06	7.3E-08	3.2E-08	1E-04
5880	487830.31, 3860771.72	0.04502	0.04083	0.03934	0.03855	0.04908	8.46E-05	3.6E-06	7.7E-08	5.5E-08	8.83E-05	1.04E-04	4.39E-06	7.55E-08	3.07E-08	1.08E-04	9.14E-05	3.4E-06	7.3E-08	3.2E-08	9E-05
5881	487736.55, 3860773.63	0.04492	0.0399	0.03912	0.03853	0.04906	8.44E-05	3.5E-06	7.6E-08	5.5E-08	8.80E-05	1.03E-04	4.29E-06	7.55E-08	3.07E-08	1.08E-04	9.12E-05	3.3E-06	7.3E-08	3.2E-08	9E-05
5882	487642.8, 3860775.54	0.04499	0.03929	0.03911	0.03864	0.0492	8.45E-05	3.4E-06	7.7E-08	5.5E-08	8.81E-05	1.04E-04	4.22E-06	7.57E-08	3.08E-08	1.08E-04	9.13E-05	3.2E-06	7.4E-08	3.2E-08	9E-05
5883	487549.48, 3860684.71	0.047	0.04068	0.04072	0.04012	0.05162	8.83E-05	3.6E-06	8E-08	5.8E-08	9.20E-05	1.08E-04	4.37E-06	7.86E-08	3.23E-08	1.13E-04	9.54E-05	3.4E-06	7.6E-08	3.3E-08	1E-04
5884	487549.91, 3860591.97	0.04878	0.04224	0.04214	0.04136	0.05377	9.17E-05	3.7E-06	8.2E-08	6E-08	9.55E-05	1.12E-04	4.54E-06	8.10E-08	3.36E-08	1.17E-04	9.90E-05	3.5E-06	7.9E-08	3.5E-08	0.0001

5885	487550.34, 3860499.23	0.05095	0.04414	0.04388	0.04288	0.05629	9.57E-05	3.9E-06	8.5E-08	6.3E-08	9.98E-05	1.17E-04	4.75E-06	8.40E-08	3.52E-08	1.22E-04	1.03E-04	3.7E-06	8.2E-08	3.6E-08	0.0001
5886	487550.76, 3860406.49	0.05339	0.04625	0.04582	0.04458	0.05909	1.00E-04	4.1E-06	8.8E-08	6.6E-08	1.05E-04	1.23E-04	4.97E-06	8.73E-08	3.70E-08	1.28E-04	1.08E-04	3.8E-06	8.5E-08	3.8E-08	0.0001
5887	487551.19, 3860313.75	0.05583	0.04835	0.04775	0.04625	0.062	1.05E-04	4.2E-06	9.2E-08	6.9E-08	1.09E-04	1.29E-04	5.20E-06	9.06E-08	3.88E-08	1.34E-04	1.13E-04	4E-06	8.8E-08	4E-08	0.0001
5888	487551.62, 3860221.01	0.05857	0.05068	0.0499	0.0481	0.06524	1.10E-04	4.4E-06	9.5E-08	7.3E-08	1.15E-04	1.35E-04	5.45E-06	9.42E-08	4.08E-08	1.40E-04	1.19E-04	4.2E-06	9.1E-08	4.2E-08	0.0001
5889	487552.05, 3860128.27	0.06191	0.05353	0.0525	0.05035	0.06905	1.16E-04	4.7E-06	1E-07	7.7E-08	1.21E-04	1.43E-04	5.75E-06	9.86E-08	4.32E-08	1.48E-04	1.26E-04	4.4E-06	9.6E-08	4.5E-08	0.0001
5890	487552.48, 3860035.53	0.06541	0.05649	0.0552	0.05266	0.07312	1.23E-04	5E-06	1E-07	8.2E-08	1.28E-04	1.51E-04	6.07E-06	1.03E-07	4.57E-08	1.57E-04	1.33E-04	4.7E-06	1E-07	4.7E-08	0.0001
5891	487552.91, 3859942.79	0.06864	0.05918	0.05766	0.05471	0.07718	1.29E-04	5.2E-06	1.1E-07	8.6E-08	1.34E-04	1.58E-04	6.36E-06	1.07E-07	4.83E-08	1.65E-04	1.39E-04	4.9E-06	1E-07	5E-08	0.0001
5892	487553.33, 3859850.05	0.07292	0.06275	0.06088	0.05742	0.08215	1.37E-04	5.5E-06	1.1E-07	9.2E-08	1.43E-04	1.68E-04	6.75E-06	1.12E-07	5.14E-08	1.75E-04	1.48E-04	5.2E-06	1.1E-07	5.3E-08	0.0002
5893	487553.76, 3859757.31	0.07717	0.06626	0.06403	0.06	0.08732	1.45E-04	5.8E-06	1.2E-07	9.8E-08	1.51E-04	1.78E-04	7.12E-06	1.18E-07	5.46E-08	1.85E-04	1.57E-04	5.5E-06	1.1E-07	5.6E-08	0.0002
5894	487554.19, 3859664.57	0.08192	0.07012	0.06747	0.06279	0.09305	1.54E-04	6.2E-06	1.2E-07	1E-07	1.60E-04	1.89E-04	7.54E-06	1.23E-07	5.82E-08	1.96E-04	1.66E-04	5.8E-06	1.2E-07	6E-08	0.0002
5895	487460.2, 3859571.05	0.08633	0.07314	0.07102	0.06571	0.09925	1.62E-04	6.4E-06	1.3E-07	1.1E-07	1.69E-04	1.99E-04	7.86E-06	1.29E-07	6.21E-08	2.07E-04	1.75E-04	6E-06	1.2E-07	6.4E-08	0.0002
5896	487365.78, 3859570.27	0.08567	0.07313	0.07113	0.06576	0.09933	1.61E-04	6.4E-06	1.3E-07	1.1E-07	1.68E-04	1.97E-04	7.86E-06	1.29E-07	6.21E-08	2.05E-04	1.74E-04	6E-06	1.3E-07	6.4E-08	0.0002
5897	487271.36, 3859569.48	0.08495	0.07395	0.07124	0.06567	0.0995	1.60E-04	6.5E-06	1.3E-07	1.1E-07	1.66E-04	1.96E-04	7.95E-06	1.29E-07	6.22E-08	2.04E-04	1.72E-04	6.1E-06	1.2E-07	6.4E-08	0.0002
5898	487176.94, 3859568.7	0.08419	0.0752	0.0713	0.06551	0.09971	1.58E-04	6.6E-06	1.3E-07	1.1E-07	1.65E-04	1.94E-04	8.08E-06	1.28E-07	6.24E-08	2.02E-04	1.71E-04	6.2E-06	1.2E-07	6.4E-08	0.0002
5899	487082.51, 3859567.92	0.08354	0.07659	0.07138	0.06546	0.09992	1.57E-04	6.7E-06	1.3E-07	1.1E-07	1.64E-04	1.92E-04	8.23E-06	1.28E-07	6.25E-08	2.01E-04	1.70E-04	6.3E-06	1.2E-07	6.5E-08	0.0002
5900	486988.09, 3859567.14	0.08284	0.07779	0.07142	0.0655	0.0999	1.56E-04	6.8E-06	1.3E-07	1.1E-07	1.63E-04	1.91E-04	8.36E-06	1.28E-07	6.25E-08	1.99E-04	1.68E-04	6.4E-06	1.2E-07	6.5E-08	0.0002
5901	486893.67, 3859566.36	0.08221	0.07882	0.07154	0.0657	0.09975	1.54E-04	6.9E-06	1.3E-07	1.1E-07	1.62E-04	1.89E-04	8.47E-06	1.29E-07	6.24E-08	1.98E-04	1.67E-04	6.5E-06	1.2E-07	6.4E-08	0.0002
5902	486799.25, 3859565.58	0.08157	0.07957	0.07168	0.06597	0.09944	1.53E-04	7E-06	1.3E-07	1.1E-07	1.61E-04	1.88E-04	8.55E-06	1.29E-07	6.22E-08	1.97E-04	1.66E-04	6.6E-06	1.3E-07	6.4E-08	0.0002
5903	486704.83, 3859564.79	0.08097	0.07992	0.07185	0.06627	0.09899	1.52E-04	7E-06	1.3E-07	1.1E-07	1.59E-04	1.86E-04	8.59E-06	1.30E-07	6.19E-08	1.95E-04	1.64E-04	6.6E-06	1.3E-07	6.4E-08	0.0002
5904	486610.41, 3859564.01	0.0804	0.07982	0.07198	0.06657	0.09836	1.51E-04	7E-06	1.3E-07	1.1E-07	1.58E-04	1.85E-04	8.58E-06	1.30E-07	6.15E-08	1.94E-04	1.63E-04	6.6E-06	1.3E-07	6.4E-08	0.0002
5905	486515.99, 3859563.23	0.07955	0.07918	0.07181	0.06667	0.09735	1.49E-04	6.9E-06	1.3E-07	1.1E-07	1.57E-04	1.83E-04	8.51E-06	1.31E-07	6.09E-08	1.92E-04	1.62E-04	6.5E-06	1.3E-07	6.3E-08	0.0002
5906	486421.57, 3859562.45	0.07885	0.0787	0.0717	0.06692	0.09634	1.48E-04	6.9E-06	1.3E-07	1.1E-07	1.55E-04	1.82E-04	8.46E-06	1.31E-07	6.03E-08	1.90E-04	1.60E-04	6.5E-06	1.3E-07	6.2E-08	0.0002
5907	486327.14, 3859561.67	0.07829	0.07864	0.07167	0.06729	0.09539	1.47E-04	6.9E-06	1.3E-07	1.1E-07	1.54E-04	1.80E-04	8.45E-06	1.32E-07	5.97E-08	1.89E-04	1.59E-04	6.5E-06	1.3E-07	6.2E-08	0.0002
5908	486232.72, 3859560.89	0.07744	0.07867	0.07133	0.06736	0.09419	1.46E-04	6.9E-06	1.3E-07	1.1E-07	1.53E-04	1.78E-04	8.46E-06	1.32E-07	5.89E-08	1.87E-04	1.57E-04	6.5E-06	1.3E-07	6.1E-08	0.0002
5909	486138.3, 3859560.1	0.07666	0.07904	0.07101	0.06737	0.09302	1.44E-04	6.9E-06	1.3E-07	1E-07	1.51E-04	1.77E-04	8.50E-06	1.32E-07	5.82E-08	1.85E-04	1.56E-04	6.5E-06	1.3E-07	6E-08	0.0002
5910	486043.88, 3859559.32	0.07581	0.07931	0.07056	0.06725	0.09177	1.42E-04	7E-06	1.3E-07	1E-07	1.50E-04	1.75E-04	8.53E-06	1.32E-07	5.74E-08	1.83E-04	1.54E-04	6.6E-06	1.3E-07	5.9E-08	0.0002
5911	485949.35, 3859463.54	0.07849	0.0834	0.07348	0.07034	0.09537	1.47E-04	7.3E-06	1.4E-07	1.1E-07	1.55E-04	1.81E-04	8.97E-06	1.38E-07	5.96E-08	1.90E-04	1.59E-04	6.9E-06	1.3E-07	6.2E-08	0.0002
5912	485949.24, 3859368.55	0.08237	0.08792	0.07727	0.07392	0.10076	1.55E-04	7.7E-06	1.5E-07	1.1E-07	1.63E-04	1.90E-04	9.45E-06	1.45E-07	6.30E-08	1.99E-04	1.67E-04	7.3E-06	1.4E-07	6.5E-08	0.0002
5913	485949.12, 3859273.55	0.08664	0.09278	0.08144	0.07791	0.10693	1.63E-04	8.1E-06	1.5E-07	1.2E-07	1.71E-04	2.00E-04	9.97E-06	1.53E-07	6.69E-08	2.10E-04	1.76E-04	7.7E-06	1.5E-07	6.9E-08	0.0002
5914	485949.01, 3859178.56	0.09115	0.09778	0.08588	0.08217	0.11394	1.71E-04	8.6E-06	1.6E-07	1.3E-07	1.80E-04	2.10E-04	1.05E-05	1.61E-07	7.13E-08	2.21E-04	1.85E-04	8.1E-06	1.6E-07	7.4E-08	0.0002
5915	485948.9, 3859083.56	0.09625	0.10327	0.09091	0.08705	0.122	1.81E-04	9.1E-06	1.7E-07	1.4E-07	1.90E-04	2.22E-04	1.11E-05	1.71E-07	7.63E-08	2.33E-04	1.95E-04	8.5E-06	1.7E-07	7.9E-08	0.0002
5916	485948.79, 3858988.56	0.10138	0.10855	0.09608	0.09207	0.13045	1.91E-04	9.5E-06	1.8E-07	1.5E-07	2.00E-04	2.33E-04	1.17E-05	1.80E-07	8.16E-08	2.45E-04	2.06E-04	9E-06	1.8E-07	8.4E-08	0.0002
5917	485948.67, 3858893.57	0.10689	0.1139	0.10177	0.09747	0.13935	2.01E-04	1E-05	1.9E-07	1.6E-07	2.11E-04	2.46E-04	1.22E-05	1.91E-07	8.72E-08	2.59E-04	2.17E-04	9.4E-06	1.9E-07	9E-08	0.0002
5918	485948.56, 3858798.57	0.11353	0.12015	0.10873	0.10387	0.14937	2.13E-04	1.1E-05	2.1E-07	1.7E-07	2.24E-04	2.61E-04	1.29E-05	2.03E-07	9.34E-08	2.75E-04	2.31E-04	9.9E-06	2E-07	9.6E-08	0.0002
5919	485948.45, 3858703.58	0.11981	0.1259	0.11571	0.11007	0.15913	2.25E-04	1.1E-05	2.2E-07	1.8E-07	2.37E-04	2.76E-04	1.35E-05	2.16E-07	9.95E-08	2.90E-04	2.43E-04	1E-05	2.1E-07	1E-07	0.0003
5920	485948.34, 3858608.58	0.12742	0.13314	0.12412	0.1177	0.17016	2.39E-04	1.2E-05	2.3E-07	1.9E-07	2.52E-04	2.93E-04	1.43E-05	2.31E-07	1.06E-07	3.08E-04	2.59E-04	1.1E-05	2.2E-07	1.1E-07	0.0003
5921	485948.22, 3858513.59	0.13558	0.14106	0.1332	0.12612	0.18193	2.55E-04	1.2E-05	2.5E-07	2E-07	2.68E-04	3.12E-04	1.52E-05	2.47E-07	1.14E-07	3.28E-04	2.75E-04	1.2E-05	2.4E-07	1.2E-07	0.0003
5922	485948.11, 3858418.59	0.14415	0.14985	0.1428	0.1352	0.19453	2.71E-04	1.3E-05	2.7E-07	2.2E-07	2.85E-04	3.32E-04	1.61E-05	2.65E-07	1.22E-07	3.48E-04	2.93E-04	1.2E-05	2.6E-07	1.3E-07	0.0003
5923	485948, 3858323.59	0.15413	0.1618	0.15368	0.14585	0.20915	2.90E-04	1.4E-05	2.9E-07	2.3E-07	3.04E-04	3.55E-04	1.74E-05	2.86E-07	1.31E-07	3.73E-04	3.13E-04	1.3E-05	2.8E-07	1.4E-07	0.0003
5924	485947.89, 3858228.6	0.16424	0.17706	0.16485	0.15694	0.22423	3.09E-04	1.6E-05	3.1E-07	2.5E-07	3.25E-04	3.78E-04	1.90E-05	3.07E-07	1.40E-07	3.98E-04	3.33E-04	1.5E-05	3E-07	1.4E-07	0.0003
5925	485947.77, 3858133.6	0.1753	0.19567	0.1771	0.16917	0.2405	3.29E-04	1.7E-05	3.4E-07	2.7E-07	3.47E-04	4.04E-04	2.10E-05	3.31E-07	1.50E-07	4.25E-04	3.56E-04	1.6E-05	3.2E-07	1.6E-07	0.0004
5926	485947.66, 3858038.61	0.18953	0.21747	0.19228	0.18495	0.26102	3.56E-04	1.9E-05	3.7E-07	2.9E-07	3.76E-04	4.36E-04	2.34E-05	3.62E-07	1.63E-07	4.60E-04	3.85E-04	1.8E-05	3.5E-07	1.7E-07	0.0004
5927	485854.54, 3857943.35	0.19486	0.22258	0.19897	0.19534	0.26776	3.66E-04	2E-05	3.9E-07	3E-07	3.86E-04	4.49E-04	2.39E-05	3.83E-07	1.67E-07	4.73E-04	3.96E-04	1.8E-05	3.7E-07	1.7E-07	0.0004
5928	485761.52, 3857943.09	0.18753	0.20939	0.19138	0.19027	0.25575	3.52E-04	1.8E-05	3.8E-07	2.9E-07	3.71E-04	4.32E-04	2.25E-05	3.73E-07	1.60E-07	4.55E-04	3.81E-04	1.7E-05	3.6E-07	1.7E-07	0.0004
5929	485668.51, 3857942.83	0.18134	0.19758	0.18488	0.18616	0.24529	3.41E-04	1.7E-05	3.7E-07	2.7E-07	3.59E-04	4.18E-04	2.12E-05	3.65E-07	1.53E-07	4.39E-04	3.68E-04	1.6E-05	3.5E-07	1.6E-07	0.0004
5930	485575.5, 3857942.56	0.1748	0.18566	0.17815	0.1815	0.23455	3.28E-04	1.6E-05	3.6E-07	2.6E-07	3.45E-04	4.03E-04	2.00E-05	3.56E-07	1.47E-07	4.23E-04	3.55E-04	1.5E-05	3.5E-07	1.5E-07	0.0004
5931	485482.48, 3857942.3	0.16933	0.17498	0.17239	0.17767	0.22521	3.18E-04	1.5E-05	3.5E-07	2.5E-07	3.34E-04	3.90E-04	1.88E-05	3.48E-07	1.41E-07	4.09E-04	3.44E-04	1.4E-05	3.4E-07	1.5E-07	0.0004
5932	485389.47, 3857942.04	0.16409	0.16492	0.16686	0.1737	0.21636	3.08E-04	1.4E-05	3.4E-07	2.4E-07	3.23E-04	3.78E-04	1.77E-05	3.40E-07	1.35E-07	3.96E-04	3.33E-04	1.4E-05	3.3E-07	1.4E-07	0.0003
5933	485296.46, 3857941.78	0.15916	0.15563	0.16164	0.1697	0.20814	2.99E-04	1.4E-05	3.4E-07	2.3E-07	3.13E-04	3.67E-04	1.67E-05	3.32E-07	1.30E-07	3.84E-04	3.23E-04	1.3E-05	3.2E-07	1.3E-07	0.0003
5934	485203.45, 3857941.52	0.15505	0.14754	0.15719	0.16627	0.20093	2.91E-04	1.3E-05	3.3E-07	2.2E-07	3.05E-04	3.57E-04	1.59E-05	3.26E-07	1.26E-07	3.73E-04	3.15E-04	1.2E-05	3.2E-07	1.3E-07	0.0003
5935	485110.43, 3857941.26	0.15045	0.13934	0.15232	0.16209	0.19367	2.83E-04	1.2E-05	3.2E-07	2.2E-07	2.95E-04	3.46E-04	1.50E-05	3.18E-07	1.21E-07	3.62E-04	3.05E-04	1.2E-05	3.1E-07	1.3E-07	0.0003
5936	485017.42, 3857940.99	0.14579	0.13143	0.14744	0.15771	0.18669	2.74E-04	1.2E-05	3.1E-07	2.1E-07	2.86E-04	3.36E-04	1.41E-05	3.09E-07	1.17E-07	3.50E-04	2.96E-04	1.1E-05	3E-07	1.2E-07	0.0003
5937	484924.41, 3857940.73	0.14138	0.12412	0.14284	0.15352	0.18008	2.66E-04	1.1E-05	3E-07	2E-07	2.77E-04	3.26E-04	1.33E-05	3.01E-07	1.13E-07	3.39E-04	2.87E-04	1E-05	2.9E-07	1.2E-07	0.0003
5938	484831.39, 3857940.47	0.13748	0.11777	0.13879	0.14983	0.17394	2.58E-04	1E-05	3E-07	1.9E-07	2.69E-04	3.17E-04	1.27E-05	2.94E-07	1.09E-07	3.30E-04	2.79E-04	9.7E-06	2.9E-07	1.1E-07	0.0003
5939	484738.12, 3857859.3	0.13926	0.11376	0.14053	0.15333	0.17504	2.62E-04	1E-05	3E-07	2E-07	2.72E-04	3.21E-04	1.22E-05	3.00E-07	1.09E-07	3.33E-04	2.83E-04	9.4E-06	2.9E-07	1.1E-07	0.0003
5940	484737.85, 3857778.4	0.14555	0.1163	0.14695	0.16125	0.18278	2.74E-04	1E-05	3.2E-07	2E-07	2.84E-04	3.35E-04	1.25E-05	3.16E-07	1.14E-07	3.48E-04	2.96E-04	9.6E-06	3.1E-07	1.2E-07	0.0003
5941	484737.59, 3857697.49	0.15197	0.11912	0.15357	0.1693	0.19083	2.86E-04	1E-05	3.4E-07	2.1E-07	2.97E-04	3.50E-04	1.28E-05	3.32E-07	1.19E-07	3.63E-04	3.09E-04	9.9E-06	3.2E-07	1.2E-07	0.0003
5942	484737.32, 3857616.59	0.1584	0.12186	0.16028	0.17753	0.19919	2.98E-04	1.1E-05	3.5E-07	2.2E-07	3.09E-04	3.65E-04	1.31E-05	3.48E-07	1.25E-07	3.78E-04	3.22E-04	1E-05	3.4E-07	1.3E-07	0.0003
5943	484645.53, 3857535.18	0.16012	0.11993	0.16223	0.18079	0.19983	3.01E-04	1.1E-05	3.6E-07	2.2E-07	3.12E-04	3.69E-04	1.29E-05	3.54E-07	1.25E-07	3.82E-04	3.25E-04	9.9E-06	3.4E-07	1.3E-07	0.0003
5944	484553.99, 3857534.67	0.15479	0.11575	0.1568	0.17477	0.19162	2.91E-04	1E-05	3.5E-07	2.1E-07	3.02E-04	3.56E-04	1.24E-05	3.42E-07	1.20E-07	3.69E-04	3.14E-04	9.6E-06	3.3E-07	1.2E-07	0.0003
5945	484462.46, 3857534.17	0.15018	0.11279	0.15211	0.16945	0.18405	2.82E-04	9.9E-06	3.4E-07	2.1E-07	2.93E-04	3.46E-04	1.21E-05	3.32E-07	1.15E-07	3.58E-04	3.05E-04	9.3E-06	3.2E-07	1.2E-07	0.0003
5946	484370.93, 3857533.66	0.14564	0.11026	0.14748	0.16406	0.1767	2.74E-04	9.7E-06	3.3E-07	2E-07	2.84E-04	3.35E-04	1.19E-05	3.21E-07	1.11E-07	3.48E-04	2.96E-04	9.1E-06	3.1E-07	1.1E-07	0.0003
5947	484279.4, 3857533.16	0.1414	0.10814	0.14317	0.15891	0.16964	2.66E-04	9.5E-06	3.2E-07	1.9E-07	2.76E-04	3.26E-04	1.16E-05	3.11E-07	1.06E-07	3.38E-04	2.87E-04	8.9E-06	3E-07	1.1E-07	0.0003
5948	484187.86, 3857532.65	0.13716	0.10609	0.13884	0.15371	0.16277	2.58E-04	9.3E-06	3.1E-07	1.8E-07	2.68E-04	3.16E-04	1.14E-05	3.01E-07	1.02E-07	3.28E-04	2.78E-04	8.8E-06	2.9E-07	1.1E-07	0.0003

5949	484096.33, 3857532.15	0.13338	0.1045	0.13498	0.14906	0.15636	2.51E-04	9.2E-06	3E-07	1.7E-07	2.60E-04	3.07E-04	1.12E-05	2.92E-07	9.78E-08	3.19E-04	2.71E-04	8.6E-06	2.8E-07	1E-07	0.0003
5950	484004.8, 3857531.64	0.12932	0.10277	0.1308	0.1441	0.15025	2.43E-04	9E-06	2.9E-07	1.7E-07	2.52E-04	2.98E-04	1.10E-05	2.82E-07	9.40E-08	3.09E-04	2.63E-04	8.5E-06	2.7E-07	9.7E-08	0.0003
5951	483913.27, 3857531.14	0.12499	0.10076	0.12633	0.13884	0.1444	2.35E-04	8.8E-06	2.8E-07	1.6E-07	2.44E-04	2.88E-04	1.08E-05	2.72E-07	9.03E-08	2.99E-04	2.54E-04	8.3E-06	2.6E-07	9.3E-08	0.0003
5952	483821.73, 3857530.63	0.12122	0.09894	0.12243	0.1342	0.13894	2.28E-04	8.7E-06	2.7E-07	1.6E-07	2.37E-04	2.79E-04	1.06E-05	2.63E-07	8.69E-08	2.90E-04	2.46E-04	8.2E-06	2.6E-07	9E-08	0.0003
5953	483729.61, 3857450.11	0.12139	0.09937	0.12253	0.13425	0.13748	2.28E-04	8.7E-06	2.7E-07	1.5E-07	2.37E-04	2.80E-04	1.07E-05	2.63E-07	8.60E-08	2.91E-04	2.46E-04	8.2E-06	2.6E-07	8.9E-08	0.0003
5954	483729.03, 3857370.08	0.12594	0.1028	0.12717	0.13958	0.14159	2.37E-04	9E-06	2.8E-07	1.6E-07	2.46E-04	2.90E-04	1.11E-05	2.73E-07	8.86E-08	3.01E-04	2.56E-04	8.5E-06	2.7E-07	9.1E-08	0.0003
5955	483728.44, 3857290.06	0.13012	0.10617	0.13143	0.14444	0.14568	2.45E-04	9.3E-06	2.9E-07	1.6E-07	2.54E-04	3.00E-04	1.14E-05	2.83E-07	9.11E-08	3.11E-04	2.64E-04	8.8E-06	2.7E-07	9.4E-08	0.0003
5956	483727.86, 3857210.03	0.13429	0.10964	0.13572	0.1493	0.14983	2.52E-04	9.6E-06	3E-07	1.7E-07	2.62E-04	3.09E-04	1.18E-05	2.92E-07	9.37E-08	3.21E-04	2.73E-04	9.1E-06	2.8E-07	9.7E-08	0.0003
5957	483641.15, 3857129.07	0.13458	0.11156	0.13594	0.14931	0.14752	2.53E-04	9.8E-06	3E-07	1.6E-07	2.63E-04	3.10E-04	1.20E-05	2.92E-07	9.23E-08	3.22E-04	2.73E-04	9.2E-06	2.8E-07	9.5E-08	0.0003
5958	483555.03, 3857128.14	0.13036	0.10988	0.13148	0.14408	0.14133	2.45E-04	9.6E-06	2.9E-07	1.6E-07	2.55E-04	3.00E-04	1.18E-05	2.82E-07	8.84E-08	3.12E-04	2.65E-04	9.1E-06	2.7E-07	9.1E-08	0.0003
5959	483468.91, 3857127.2	0.12559	0.10779	0.12639	0.13818	0.13543	2.36E-04	9.5E-06	2.7E-07	1.5E-07	2.46E-04	2.89E-04	1.16E-05	2.71E-07	8.47E-08	3.01E-04	2.55E-04	8.9E-06	2.6E-07	8.7E-08	0.0003
5960	483382.78, 3857126.26	0.12217	0.10677	0.12271	0.13382	0.13008	2.30E-04	9.4E-06	2.7E-07	1.5E-07	2.39E-04	2.81E-04	1.15E-05	2.62E-07	8.14E-08	2.93E-04	2.48E-04	8.8E-06	2.5E-07	8.4E-08	0.0003
5961	483296.66, 3857125.32	0.11838	0.10515	0.11862	0.12895	0.12495	2.22E-04	9.2E-06	2.6E-07	1.4E-07	2.32E-04	2.73E-04	1.13E-05	2.53E-07	7.81E-08	2.84E-04	2.40E-04	8.7E-06	2.5E-07	8.1E-08	0.0002
5962	483210.54, 3857124.39	0.11454	0.10308	0.11445	0.124	0.12007	2.15E-04	9E-06	2.5E-07	1.3E-07	2.25E-04	2.64E-04	1.11E-05	2.43E-07	7.51E-08	2.75E-04	2.33E-04	8.5E-06	2.4E-07	7.8E-08	0.0002
5963	483123.4, 3857030.96	0.11451	0.10467	0.11404	0.12304	0.11836	2.15E-04	9.2E-06	2.4E-07	1.3E-07	2.25E-04	2.64E-04	1.13E-05	2.41E-07	7.40E-08	2.75E-04	2.32E-04	8.7E-06	2.3E-07	7.6E-08	0.0002
5964	483122.38, 3856938.46	0.11851	0.10901	0.118	0.12716	0.12126	2.23E-04	9.6E-06	2.5E-07	1.4E-07	2.33E-04	2.73E-04	1.17E-05	2.49E-07	7.58E-08	2.85E-04	2.41E-04	9E-06	2.4E-07	7.8E-08	0.0002
5965	483121.35, 3856845.97	0.12264	0.11375	0.12207	0.13133	0.12407	2.30E-04	1E-05	2.6E-07	1.4E-07	2.41E-04	2.82E-04	1.22E-05	2.57E-07	7.76E-08	2.95E-04	2.49E-04	9.4E-06	2.5E-07	8E-08	0.0003
5966	483120.33, 3856753.47	0.12591	0.11798	0.12519	0.13447	0.12686	2.37E-04	1E-05	2.7E-07	1.4E-07	2.47E-04	2.90E-04	1.27E-05	2.63E-07	7.93E-08	3.03E-04	2.56E-04	9.8E-06	2.6E-07	8.2E-08	0.0003
5967	483119.31, 3856660.98	0.12927	0.12237	0.12836	0.13767	0.12952	2.43E-04	1.1E-05	2.7E-07	1.4E-07	2.54E-04	2.98E-04	1.32E-05	2.70E-07	8.10E-08	3.11E-04	2.62E-04	1E-05	2.6E-07	8.4E-08	0.0003
5968	483118.29, 3856568.49	0.13314	0.12708	0.13198	0.14142	0.13198	2.50E-04	1.1E-05	2.8E-07	1.5E-07	2.62E-04	3.07E-04	1.37E-05	2.77E-07	8.25E-08	3.21E-04	2.70E-04	1.1E-05	2.7E-07	8.5E-08	0.0003
5969	483117.26, 3856475.99	0.13737	0.13183	0.13587	0.14552	0.13427	2.58E-04	1.2E-05	2.9E-07	1.5E-07	2.70E-04	3.16E-04	1.42E-05	2.85E-07	8.40E-08	3.31E-04	2.79E-04	1.1E-05	2.8E-07	8.7E-08	0.0003
5970	483116.24, 3856383.5	0.14137	0.13613	0.13939	0.14929	0.13644	2.66E-04	1.2E-05	3E-07	1.5E-07	2.78E-04	3.26E-04	1.46E-05	2.92E-07	8.53E-08	3.41E-04	2.87E-04	1.1E-05	2.8E-07	8.8E-08	0.0003
5971	483115.22, 3856291.01	0.14559	0.14067	0.14296	0.15315	0.13822	2.74E-04	1.2E-05	3E-07	1.5E-07	2.86E-04	3.35E-04	1.51E-05	3.00E-07	8.64E-08	3.51E-04	2.96E-04	1.2E-05	2.9E-07	8.9E-08	0.0003
5972	483114.2, 3856198.51	0.14942	0.14505	0.14593	0.15636	0.1392	2.81E-04	1.3E-05	3.1E-07	1.6E-07	2.94E-04	3.44E-04	1.56E-05	3.06E-07	8.71E-08	3.60E-04	3.03E-04	1.2E-05	3E-07	9E-08	0.0003
5973	483113.17, 3856106.02	0.15455	0.15127	0.15004	0.16069	0.13889	2.90E-04	1.3E-05	3.2E-07	1.6E-07	3.04E-04	3.56E-04	1.63E-05	3.15E-07	8.69E-08	3.73E-04	3.14E-04	1.3E-05	3.1E-07	9E-08	0.0003
5974	483112.15, 3856013.52	0.15893	0.15812	0.1531	0.16373	0.13782	2.99E-04	1.4E-05	3.2E-07	1.5E-07	3.13E-04	3.66E-04	1.70E-05	3.21E-07	8.62E-08	3.83E-04	3.23E-04	1.3E-05	3.1E-07	8.9E-08	0.0003
5975	483029.25, 3855920.47	0.15721	0.16339	0.14947	0.15928	0.12953	2.95E-04	1.4E-05	3.2E-07	1.4E-07	3.10E-04	3.62E-04	1.76E-05	3.12E-07	8.10E-08	3.80E-04	3.19E-04	1.4E-05	3E-07	8.4E-08	0.0003
5976	482947.37, 3855919.91	0.15075	0.15857	0.14274	0.15195	0.12339	2.83E-04	1.4E-05	3E-07	1.4E-07	2.98E-04	3.47E-04	1.70E-05	2.98E-07	7.72E-08	3.65E-04	3.06E-04	1.3E-05	2.9E-07	8E-08	0.0003
5977	482865.49, 3855919.36	0.14447	0.15385	0.13627	0.14485	0.11778	2.71E-04	1.3E-05	2.9E-07	1.3E-07	2.85E-04	3.33E-04	1.65E-05	2.84E-07	7.37E-08	3.50E-04	2.93E-04	1.3E-05	2.8E-07	7.6E-08	0.0003
5978	482783.61, 3855918.8	0.13914	0.14993	0.13085	0.13871	0.11256	2.61E-04	1.3E-05	2.8E-07	1.3E-07	2.75E-04	3.20E-04	1.61E-05	2.72E-07	7.04E-08	3.37E-04	2.83E-04	1.2E-05	2.6E-07	7.3E-08	0.0003
5979	482700.33, 3855818.39	0.13724	0.15387	0.1269	0.13274	0.10663	2.58E-04	1.3E-05	2.6E-07	1.2E-07	2.72E-04	3.16E-04	1.65E-05	2.60E-07	6.67E-08	3.33E-04	2.79E-04	1.3E-05	2.5E-07	6.9E-08	0.0003
5980	482698.92, 3855718.54	0.14113	0.16068	0.12843	0.13284	0.1054	2.65E-04	1.4E-05	2.6E-07	1.2E-07	2.80E-04	3.25E-04	1.73E-05	2.60E-07	6.59E-08	3.43E-04	2.87E-04	1.3E-05	2.5E-07	6.8E-08	0.0003
5981	482697.52, 3855618.68	0.1443	0.16375	0.12868	0.13199	0.104	2.71E-04	1.4E-05	2.6E-07	1.2E-07	2.86E-04	3.32E-04	1.76E-05	2.59E-07	6.50E-08	3.50E-04	2.93E-04	1.4E-05	2.5E-07	6.7E-08	0.0003
5982	482696.11, 3855518.83	0.14813	0.16513	0.12903	0.13145	0.10177	2.78E-04	1.4E-05	2.6E-07	1.1E-07	2.93E-04	3.41E-04	1.78E-05	2.58E-07	6.37E-08	3.59E-04	3.01E-04	1.4E-05	2.5E-07	6.6E-08	0.0003
5983	482694.71, 3855418.98	0.15086	0.16437	0.12779	0.12988	0.09975	2.83E-04	1.4E-05	2.6E-07	1.1E-07	2.98E-04	3.47E-04	1.77E-05	2.54E-07	6.24E-08	3.65E-04	3.06E-04	1.4E-05	2.5E-07	6.4E-08	0.0003
5984	482693.3, 3855319.13	0.15353	0.16441	0.12623	0.12827	0.09761	2.89E-04	1.4E-05	2.5E-07	1.1E-07	3.03E-04	3.54E-04	1.77E-05	2.51E-07	6.10E-08	3.72E-04	3.12E-04	1.4E-05	2.4E-07	6.3E-08	0.0003
5985	482691.9, 3855219.27	0.15707	0.16644	0.12509	0.12665	0.09499	2.95E-04	1.5E-05	2.5E-07	1.1E-07	3.10E-04	3.62E-04	1.79E-05	2.48E-07	5.94E-08	3.80E-04	3.19E-04	1.4E-05	2.4E-07	6.1E-08	0.0003
5986	482690.49, 3855119.42	0.16035	0.16859	0.12323	0.12392	0.09212	3.01E-04	1.5E-05	2.5E-07	1E-07	3.16E-04	3.69E-04	1.81E-05	2.43E-07	5.76E-08	3.88E-04	3.26E-04	1.4E-05	2.4E-07	6E-08	0.0003
5987	482689.09, 3855019.57	0.16587	0.17273	0.12244	0.1221	0.08829	3.12E-04	1.5E-05	2.4E-07	9.9E-08	3.27E-04	3.82E-04	1.86E-05	2.39E-07	5.52E-08	4.01E-04	3.37E-04	1.4E-05	2.3E-07	5.7E-08	0.0004
5988	482687.68, 3854919.72	0.17053	0.17495	0.1199	0.11882	0.0843	3.20E-04	1.5E-05	2.4E-07	9.4E-08	3.36E-04	3.93E-04	1.88E-05	2.33E-07	5.27E-08	4.12E-04	3.46E-04	1.4E-05	2.3E-07	5.4E-08	0.0004
5989	482686.28, 3854819.86	0.17702	0.17759	0.11735	0.11548	0.07949	3.33E-04	1.6E-05	2.3E-07	8.9E-08	3.49E-04	4.08E-04	1.91E-05	2.26E-07	4.97E-08	4.27E-04	3.59E-04	1.5E-05	2.2E-07	5.1E-08	0.0004
5990	482684.88, 3854720.01	0.18221	0.17572	0.11257	0.11042	0.07508	3.42E-04	1.5E-05	2.2E-07	8.4E-08	3.58E-04	4.20E-04	1.89E-05	2.16E-07	4.70E-08	4.39E-04	3.70E-04	1.5E-05	2.1E-07	4.8E-08	0.0004
5991	482683.47, 3854620.16	0.19105	0.17129	0.10795	0.10565	0.07034	3.59E-04	1.5E-05	2.1E-07	7.9E-08	3.74E-04	4.40E-04	1.84E-05	2.07E-07	4.40E-08	4.59E-04	3.88E-04	1.4E-05	2E-07	4.5E-08	0.0004
5992	482682.07, 3854520.31	0.19917	0.15846	0.10122	0.09982	0.06663	3.74E-04	1.4E-05	2E-07	7.4E-08	3.88E-04	4.59E-04	1.70E-05	1.96E-07	4.17E-08	4.76E-04	4.04E-04	1.3E-05	1.9E-07	4.3E-08	0.0004
5993	482680.66, 3854420.45	0.20738	0.14192	0.09401	0.0943	0.06364	3.90E-04	1.2E-05	1.9E-07	7.1E-08	4.02E-04	4.78E-04	1.53E-05	1.85E-07	3.98E-08	4.93E-04	4.21E-04	1.2E-05	1.8E-07	4.1E-08	0.0004
5994	482679.26, 3854320.6	0.21387	0.12693	0.08741	0.08941	0.06121	4.02E-04	1.1E-05	1.8E-07	6.8E-08	4.13E-04	4.93E-04	1.36E-05	1.75E-07	3.83E-08	5.06E-04	4.34E-04	1E-05	1.7E-07	4E-08	0.0004
5995	482677.85, 3854220.75	0.22658	0.11822	0.083	0.08603	0.05804	4.26E-04	1E-05	1.7E-07	6.5E-08	4.36E-04	5.22E-04	1.27E-05	1.69E-07	3.63E-08	5.35E-04	4.60E-04	9.8E-06	1.6E-07	3.7E-08	0.0005
5996	482676.45, 3854120.9	0.22599	0.10888	0.07698	0.08097	0.05565	4.25E-04	9.6E-06	1.6E-07	6.2E-08	4.34E-04	5.20E-04	1.17E-05	1.59E-07	3.48E-08	5.32E-04	4.59E-04	9E-06	1.5E-07	3.6E-08	0.0005
5997	482675.04, 3854021.04	0.22723	0.10047	0.07135	0.07613	0.0523	4.27E-04	8.8E-06	1.5E-07	5.8E-08	4.36E-04	5.23E-04	1.08E-05	1.49E-07	3.27E-08	5.34E-04	4.61E-04	8.3E-06	1.4E-07	3.4E-08	0.0005
5998	482673.64, 3853921.19	0.22698	0.09084	0.06536	0.07081	0.04865	4.27E-04	8E-06	1.4E-07	5.4E-08	4.35E-04	5.23E-04	9.77E-06	1.39E-07	3.04E-08	5.33E-04	4.61E-04	7.5E-06	1.3E-07	3.1E-08	0.0005
5999	482672.23, 3853821.34	0.23064	0.0825	0.0604	0.06604	0.0447	4.33E-04	7.2E-06	1.3E-07	5E-08	4.41E-04	5.31E-04	8.87E-06	1.29E-07	2.80E-08	5.40E-04	4.68E-04	6.8E-06	1.3E-07	2.9E-08	0.0005
6000	482670.83, 3853721.49	0.22698	0.07601	0.05646	0.06168	0.04112	4.27E-04	6.7E-06	1.2E-07	4.6E-08	4.33E-04	5.23E-04	8.17E-06	1.21E-07	2.57E-08	5.31E-04	4.61E-04	6.3E-06	1.2E-07	2.7E-08	0.0005
6001	482669.42, 3853621.63	0.20101	0.0719	0.05377	0.05816	0.03847	3.78E-04	6.3E-06	1.2E-07	4.3E-08	3.84E-04	4.63E-04	7.73E-06	1.14E-07	2.41E-08	4.71E-04	4.08E-04	5.9E-06	1.1E-07	2.5E-08	0.0004
6002	482645.99, 3853446.13	0.11545	0.06779	0.05126	0.05474	0.03633	2.17E-04	5.9E-06	1.1E-07	4.1E-08	2.23E-04	2.66E-04	7.29E-06	1.07E-07	2.27E-08	2.73E-04	2.34E-04	5.6E-06	1E-07	2.3E-08	0.0002
6003	482623.97, 3853370.49	0.09712	0.06579	0.05029	0.05375	0.03615	1.83E-04	5.8E-06	1.1E-07	4E-08	1.88E-04	2.24E-04	7.07E-06	1.05E-07	2.26E-08	2.31E-04	1.97E-04	5.4E-06	1E-07	2.3E-08	0.0002
6004	482601.94, 3853294.84	0.08562	0.06385	0.04949	0.05309	0.03628	1.61E-04	5.6E-06	1.1E-07	4.1E-08	1.67E-04	1.97E-04	6.86E-06	1.04E-07	2.27E-08	2.04E-04	1.74E-04	5.3E-06	1E-07	2.3E-08	0.0002
6005	482531.29, 3853133.44	0.07129	0.05904	0.04734	0.05134	0.03632	1.34E-04	5.2E-06	1E-07	4.1E-08	1.39E-04	1.64E-04	6.35E-06	1.01E-07	2.27E-08	1.71E-04	1.45E-04	4.9E-06	9.8E-08	2.3E-08	0.0001
6006	482482.68, 3853047.69	0.06645	0.05655	0.0461	0.05025	0.03598	1.25E-04	5E-06	1E-07	4E-08	1.30E-04	1.53E-04	6.08E-06	9.84E-08	2.25E-08	1.59E-04	1.35E-04	4.7E-06	9.6E-08	2.3E-08	0.0001
6007	482383.09, 3852897.4	0.05922	0.05174	0.04333	0.04762	0.03519	1.11E-04	4.5E-06	9.5E-08	3.9E-08	1.16E-04	1.36E-04	5.56E-06	9.33E-08	2.20E-08	1.42E-04	1.20E-04	4.3E-06	9.1E-08	2.3E-08	0.0001
6008	482265.64, 3852765.26	0.05405	0.04791	0.04071	0.04486	0.03361	1.02E-04	4.2E-06	8.9E-08	3.8E-08	1.06E-04	1.24E-04	5.15E-06	8.79E-08	2.10E-08	1.30E-04	1.10E-04	4E-06	8.5E-08	2.2E-08	0.0001
6009	482199.16, 3852697.66	0.05173	0.04616	0.03943	0.04347	0.03266	9.72E-05	4E-06	8.6E-08	3.6E-08	1.01E-04	1.19E-04	4.96E-06	8.52E-08	2.04E-08	1.24E-04	1.05E-04	3.8E-06	8.3E-08	2.1E-08	0.0001
6010	482132.69, 3852630.07	0.04966	0.04458	0.03826	0.04219	0.03174	9.33E-05	3.9E-06	8.4E-08	3.5E-08	9.74E-05	1.14E-04	4.79E-06	8.26E-08	1.99E-08	1.19E-04	1.01E-04	3.7E-06	8E-08	2.1E-08	0.0001
6011	482066.21, 3852562.48	0.04772	0.04306	0.03712	0.04095	0.03087	8.97E-05	3.8E-06	8.1E-08	3.4E-08	9.36E-05	1.10E-04	4.63E-06	8.02E-08	1.93E-08	1.15E-04	9.69E-05	3.6E-06	7.8E-08	2E-08	0.0001
6012	481999.74, 3852494.89	0.04587	0.04157	0.03601	0.03974	0.03007	8.62E-05	3.6E-06	7.9E-08	3.4E-08	9.00E-05	1.06E-04	4.47E-06	7.78E-08	1.88E-08	1.10E-04	9.31E-05	3.4E-06	7.6E-08	1.9E-08	1E-04

6013	481933.26, 3852427.29	0.04417	0.04017	0.03494	0.03858	0.02931	8.30E-05	3.5E-06	7.7E-08	3.3E-08	8.66E-05	1.02E-04	4.32E-06	7.56E-08	1.83E-08	1.06E-04	8.97E-05	3.3E-06	7.3E-08	1.9E-08	9E-05
6014	481866.79, 3852359.7	0.04267	0.03896	0.03402	0.03755	0.02853	8.02E-05	3.4E-06	7.5E-08	3.2E-08	8.37E-05	9.83E-05	4.19E-06	7.36E-08	1.78E-08	1.03E-04	8.66E-05	3.2E-06	7.1E-08	1.8E-08	9E-05
6015	481800.31, 3852292.11	0.04129	0.03782	0.03314	0.03658	0.02777	7.76E-05	3.3E-06	7.3E-08	3.1E-08	8.10E-05	9.51E-05	4.07E-06	7.17E-08	1.74E-08	9.92E-05	8.38E-05	3.1E-06	7E-08	1.8E-08	9E-05
6016	481733.84, 3852224.52	0.03997	0.03671	0.03228	0.03564	0.02705	7.51E-05	3.2E-06	7.1E-08	3E-08	7.84E-05	9.20E-05	3.95E-06	6.98E-08	1.69E-08	9.61E-05	8.12E-05	3E-06	6.8E-08	1.7E-08	8E-05
6017	481667.36, 3852156.92	0.03878	0.03573	0.03151	0.03478	0.02631	7.29E-05	3.1E-06	6.9E-08	2.9E-08	7.61E-05	8.93E-05	3.84E-06	6.81E-08	1.65E-08	9.32E-05	7.87E-05	3E-06	6.6E-08	1.7E-08	8E-05
6018	481600.89, 3852089.33	0.03752	0.03462	0.03064	0.03383	0.02573	7.05E-05	3E-06	6.7E-08	2.9E-08	7.36E-05	8.64E-05	3.72E-06	6.63E-08	1.61E-08	9.02E-05	7.62E-05	2.9E-06	6.4E-08	1.7E-08	8E-05
6019	481534.41, 3852021.74	0.03632	0.03353	0.02979	0.03291	0.0252	6.83E-05	2.9E-06	6.5E-08	2.8E-08	7.13E-05	8.36E-05	3.60E-06	6.45E-08	1.58E-08	8.73E-05	7.37E-05	2.8E-06	6.3E-08	1.6E-08	8E-05
6020	481467.94, 3851954.15	0.03522	0.03254	0.029	0.03205	0.02466	6.62E-05	2.9E-06	6.4E-08	2.8E-08	6.91E-05	8.11E-05	3.50E-06	6.28E-08	1.54E-08	8.47E-05	7.15E-05	2.7E-06	6.1E-08	1.6E-08	7E-05
6021	481401.46, 3851886.55	0.03423	0.03167	0.02831	0.03128	0.02409	6.43E-05	2.8E-06	6.2E-08	2.7E-08	6.72E-05	7.88E-05	3.40E-06	6.13E-08	1.51E-08	8.23E-05	6.95E-05	2.6E-06	6E-08	1.6E-08	7E-05
6022	481265.87, 3851761.43	0.03236	0.02998	0.0269	0.02972	0.02297	6.08E-05	2.6E-06	5.9E-08	2.6E-08	6.35E-05	7.45E-05	3.22E-06	5.82E-08	1.44E-08	7.78E-05	6.57E-05	2.5E-06	5.7E-08	1.5E-08	7E-05
6023	481196.74, 3851703.89	0.03154	0.02925	0.02626	0.02899	0.02234	5.93E-05	2.6E-06	5.8E-08	2.5E-08	6.19E-05	7.26E-05	3.14E-06	5.68E-08	1.40E-08	7.58E-05	6.40E-05	2.4E-06	5.5E-08	1.4E-08	7E-05
6024	481076.33, 3851619.05	0.03023	0.02806	0.02515	0.02773	0.0212	5.68E-05	2.5E-06	5.5E-08	2.4E-08	5.93E-05	6.96E-05	3.02E-06	5.43E-08	1.33E-08	7.27E-05	6.14E-05	2.3E-06	5.3E-08	1.4E-08	6E-05
6025	480939.8, 3851549.07	0.02895	0.02683	0.02394	0.02633	0.01965	5.44E-05	2.4E-06	5.2E-08	2.2E-08	5.68E-05	6.67E-05	2.88E-06	5.16E-08	1.23E-08	6.96E-05	5.88E-05	2.2E-06	5E-08	1.3E-08	6E-05
6026	480854.56, 3851506.41	0.02814	0.02601	0.02317	0.02545	0.01873	5.29E-05	2.3E-06	5.1E-08	2.1E-08	5.52E-05	6.48E-05	2.80E-06	4.99E-08	1.17E-08	6.77E-05	5.71E-05	2.2E-06	4.8E-08	1.2E-08	6E-05
6027	480769.32, 3851463.75	0.02736	0.02519	0.02241	0.02461	0.01782	5.14E-05	2.2E-06	4.9E-08	2E-08	5.37E-05	6.30E-05	2.71E-06	4.82E-08	1.11E-08	6.58E-05	5.56E-05	2.1E-06	4.7E-08	1.2E-08	6E-05
6028	480684.08, 3851421.08	0.02658	0.02437	0.02167	0.0238	0.01695	4.99E-05	2.1E-06	4.7E-08	1.9E-08	5.22E-05	6.12E-05	2.62E-06	4.66E-08	1.06E-08	6.39E-05	5.40E-05	2E-06	4.5E-08	1.1E-08	6E-05
6029	480598.84, 3851378.42	0.02579	0.02351	0.02091	0.02299	0.01621	4.85E-05	2.1E-06	4.6E-08	1.8E-08	5.06E-05	5.94E-05	2.53E-06	4.50E-08	1.01E-08	6.20E-05	5.24E-05	1.9E-06	4.4E-08	1E-08	5E-05
6030	480435.71, 3851275.01	0.02436	0.02204	0.01966	0.02166	0.015	4.58E-05	1.9E-06	4.3E-08	1.7E-08	4.78E-05	5.61E-05	2.37E-06	4.24E-08	9.38E-09	5.85E-05	4.95E-05	1.8E-06	4.1E-08	9.7E-09	5E-05
6031	480347.85, 3851232.36	0.02362	0.02123	0.01897	0.02095	0.01434	4.44E-05	1.9E-06	4.2E-08	1.6E-08	4.63E-05	5.44E-05	2.28E-06	4.10E-08	8.97E-09	5.67E-05	4.80E-05	1.8E-06	4E-08	9.3E-09	5E-05
6032	480260, 3851189.72	0.0229	0.02046	0.01832	0.02027	0.01373	4.30E-05	1.8E-06	4E-08	1.5E-08	4.49E-05	5.27E-05	2.20E-06	3.97E-08	8.59E-09	5.50E-05	4.65E-05	1.7E-06	3.9E-08	8.9E-09	5E-05
6033	480172.15, 3851147.07	0.02221	0.01972	0.0177	0.01965	0.01317	4.17E-05	1.7E-06	3.9E-08	1.5E-08	4.35E-05	5.11E-05	2.12E-06	3.85E-08	8.24E-09	5.33E-05	4.51E-05	1.6E-06	3.7E-08	8.5E-09	5E-05
6034	480084.29, 3851104.42	0.02152	0.01902	0.01713	0.01907	0.01264	4.04E-05	1.7E-06	3.8E-08	1.4E-08	4.22E-05	4.96E-05	2.04E-06	3.74E-08	7.91E-09	5.16E-05	4.37E-05	1.6E-06	3.6E-08	8.2E-09	5E-05
6035	479996.44, 3851061.77	0.02087	0.01836	0.01659	0.01853	0.01216	3.92E-05	1.6E-06	3.7E-08	1.4E-08	4.09E-05	4.81E-05	1.97E-06	3.63E-08	7.61E-09	5.01E-05	4.24E-05	1.5E-06	3.5E-08	7.9E-09	4E-05
6036	479908.58, 3851019.13	0.02017	0.01777	0.0161	0.01798	0.01158	3.79E-05	1.6E-06	3.6E-08	1.3E-08	3.95E-05	4.64E-05	1.91E-06	3.52E-08	7.24E-09	4.84E-05	4.10E-05	1.5E-06	3.4E-08	7.5E-09	4E-05
6037	479820.73, 3850976.48	0.01956	0.01718	0.01562	0.01749	0.01123	3.68E-05	1.5E-06	3.5E-08	1.3E-08	3.83E-05	4.50E-05	1.85E-06	3.43E-08	7.02E-09	4.69E-05	3.97E-05	1.4E-06	3.3E-08	7.3E-09	4E-05
6038	479732.88, 3850933.83	0.01897	0.01663	0.01517	0.01703	0.01092	3.56E-05	1.5E-06	3.4E-08	1.2E-08	3.72E-05	4.37E-05	1.79E-06	3.34E-08	6.83E-09	4.55E-05	3.85E-05	1.4E-06	3.2E-08	7.1E-09	4E-05
6039	479645.02, 3850891.18	0.01843	0.01611	0.01476	0.01663	0.01067	3.46E-05	1.4E-06	3.3E-08	1.2E-08	3.61E-05	4.24E-05	1.73E-06	3.26E-08	6.67E-09	4.42E-05	3.74E-05	1.3E-06	3.2E-08	6.9E-09	4E-05
6040	479557.17, 3850848.54	0.01795	0.01564	0.01437	0.01628	0.01049	3.37E-05	1.4E-06	3.2E-08	1.2E-08	3.51E-05	4.13E-05	1.68E-06	3.19E-08	6.56E-09	4.31E-05	3.64E-05	1.3E-06	3.1E-08	6.8E-09	4E-05
6041	479469.32, 3850805.89	0.01742	0.01521	0.01402	0.01589	0.01024	3.27E-05	1.3E-06	3.2E-08	1.1E-08	3.41E-05	4.01E-05	1.64E-06	3.11E-08	6.40E-09	4.18E-05	3.54E-05	1.3E-06	3E-08	6.6E-09	4E-05
6042	479381.46, 3850763.24	0.01704	0.01481	0.01369	0.01564	0.01013	3.20E-05	1.3E-06	3.1E-08	1.1E-08	3.34E-05	3.92E-05	1.59E-06	3.06E-08	6.34E-09	4.09E-05	3.46E-05	1.2E-06	3E-08	6.5E-09	4E-05
6043	479293.61, 3850720.59	0.01675	0.01443	0.01338	0.01545	0.0101	3.15E-05	1.3E-06	3.1E-08	1.1E-08	3.28E-05	3.86E-05	1.55E-06	3.03E-08	6.32E-09	4.02E-05	3.40E-05	1.2E-06	2.9E-08	6.5E-09	4E-05
6044	479205.76, 3850677.95	0.01644	0.01409	0.0131	0.01524	0.01005	3.09E-05	1.2E-06	3E-08	1.1E-08	3.22E-05	3.79E-05	1.51E-06	2.99E-08	6.29E-09	3.94E-05	3.34E-05	1.2E-06	2.9E-08	6.5E-09	3E-05
6045	479117.9, 3850635.3	0.01617	0.01377	0.01283	0.01503	0.01003	3.04E-05	1.2E-06	3E-08	1.1E-08	3.16E-05	3.72E-05	1.48E-06	2.94E-08	6.27E-09	3.88E-05	3.28E-05	1.1E-06	2.9E-08	6.5E-09	3E-05
6046	479030.05, 3850592.65	0.01589	0.01348	0.01259	0.01482	0.00998	2.99E-05	1.2E-06	2.9E-08	1.1E-08	3.11E-05	3.66E-05	1.45E-06	2.90E-08	6.24E-09	3.81E-05	3.23E-05	1.1E-06	2.8E-08	6.4E-09	3E-05
6047	478942.19, 3850550	0.01554	0.01324	0.01239	0.01461	0.00982	2.92E-05	1.2E-06	2.9E-08	1.1E-08	3.04E-05	3.58E-05	1.42E-06	2.86E-08	6.14E-09	3.72E-05	3.16E-05	1.1E-06	2.8E-08	6.3E-09	3E-05
6048	478854.34, 3850507.36	0.01497	0.01303	0.01221	0.0142	0.00949	2.81E-05	1.1E-06	2.8E-08	1.1E-08	2.93E-05	3.45E-05	1.40E-06	2.78E-08	5.94E-09	3.59E-05	3.04E-05	1.1E-06	2.7E-08	6.1E-09	3E-05
6049	478766.49, 3850464.71	0.01457	0.01266	0.01202	0.01389	0.00933	2.74E-05	1.1E-06	2.8E-08	1E-08	2.85E-05	3.36E-05	1.36E-06	2.72E-08	5.84E-09	3.49E-05	2.96E-05	1E-06	2.6E-08	6E-09	3E-05
6050	478678.63, 3850422.06	0.01424	0.01245	0.01184	0.01364	0.00923	2.68E-05	1.1E-06	2.7E-08	1E-08	2.79E-05	3.28E-05	1.34E-06	2.67E-08	5.77E-09	3.42E-05	2.89E-05	1E-06	2.6E-08	6E-09	3E-05
6051	478590.78, 3850379.41	0.0139	0.01226	0.01139	0.01337	0.00911	2.61E-05	1.1E-06	2.7E-08	1E-08	2.72E-05	3.20E-05	1.32E-06	2.62E-08	5.70E-09	3.34E-05	2.82E-05	1E-06	2.5E-08	5.9E-09	3E-05
6052	478502.93, 3850336.77	0.01365	0.01209	0.01124	0.01319	0.00904	2.57E-05	1.1E-06	2.6E-08	1E-08	2.67E-05	3.14E-05	1.30E-06	2.58E-08	5.65E-09	3.28E-05	2.77E-05	1E-06	2.5E-08	5.8E-09	3E-05
6053	478415.07, 3850294.12	0.01346	0.01193	0.01112	0.01304	0.00899	2.53E-05	1E-06	2.6E-08	1E-08	2.64E-05	3.10E-05	1.28E-06	2.55E-08	5.62E-09	3.23E-05	2.73E-05	9.9E-07	2.5E-08	5.8E-09	3E-05
6054	478327.22, 3850251.47	0.01315	0.01159	0.01096	0.0128	0.00888	2.47E-05	1E-06	2.5E-08	9.9E-09	2.58E-05	3.03E-05	1.25E-06	2.51E-08	5.55E-09	3.16E-05	2.67E-05	9.6E-07	2.4E-08	5.7E-09	3E-05
6055	478239.36, 3850208.82	0.01291	0.01144	0.01083	0.01261	0.00879	2.43E-05	1E-06	2.5E-08	9.8E-09	2.53E-05	2.97E-05	1.23E-06	2.47E-08	5.50E-09	3.10E-05	2.62E-05	9.5E-07	2.4E-08	5.7E-09	3E-05
6056	478151.51, 3850166.18	0.01271	0.01132	0.01072	0.01245	0.00872	2.39E-05	9.9E-07	2.5E-08	9.7E-09	2.49E-05	2.93E-05	1.22E-06	2.44E-08	5.45E-09	3.05E-05	2.58E-05	9.4E-07	2.4E-08	5.6E-09	3E-05
6057	478063.66, 3850123.53	0.01254	0.0112	0.01062	0.01231	0.00866	2.36E-05	9.8E-07	2.4E-08	9.7E-09	2.46E-05	2.89E-05	1.20E-06	2.41E-08	5.42E-09	3.01E-05	2.55E-05	9.3E-07	2.3E-08	5.6E-09	3E-05
6058	477975.8, 3850080.88	0.01279	0.01128	0.01077	0.01252	0.00884	2.40E-05	9.9E-07	2.5E-08	9.9E-09	2.51E-05	2.95E-05	1.21E-06	2.45E-08	5.53E-09	3.07E-05	2.60E-05	9.3E-07	2.4E-08	5.7E-09	3E-05
6059	477887.95, 3850038.23	0.01272	0.01117	0.01066	0.01247	0.00883	2.39E-05	9.8E-07	2.5E-08	9.9E-09	2.49E-05	2.93E-05	1.20E-06	2.44E-08	5.52E-09	3.05E-05	2.58E-05	9.2E-07	2.4E-08	5.7E-09	3E-05
6060	477800.1, 3849995.59	0.0127	0.01107	0.01056	0.01245	0.00885	2.39E-05	9.7E-07	2.5E-08	9.9E-09	2.49E-05	2.92E-05	1.19E-06	2.44E-08	5.54E-09	3.05E-05	2.58E-05	9.2E-07	2.4E-08	5.7E-09	3E-05
6061	477712.24, 3849952.94	0.01258	0.01096	0.01046	0.01235	0.00881	2.36E-05	9.6E-07	2.5E-08	9.8E-09	2.46E-05	2.90E-05	1.18E-06	2.42E-08	5.51E-09	3.02E-05	2.55E-05	9.1E-07	2.3E-08	5.7E-09	3E-05
6062	477624.39, 3849910.29	0.01246	0.01085	0.01036	0.01224	0.00876	2.34E-05	9.5E-07	2.4E-08	9.8E-09	2.44E-05	2.87E-05	1.17E-06	2.40E-08	5.48E-09	2.99E-05	2.53E-05	9E-07	2.3E-08	5.7E-09	3E-05
6063	477536.54, 3849867.64	0.01237	0.01075	0.01026	0.01215	0.00872	2.32E-05	9.4E-07	2.4E-08	9.7E-09	2.42E-05	2.85E-05	1.16E-06	2.38E-08	5.45E-09	2.97E-05	2.51E-05	8.9E-07	2.3E-08	5.6E-09	3E-05
6064	477448.68, 3849825	0.01222	0.01064	0.01016	0.01202	0.00865	2.30E-05	9.3E-07	2.4E-08	9.7E-09	2.39E-05	2.81E-05	1.14E-06	2.35E-08	5.41E-09	2.93E-05	2.48E-05	8.8E-07	2.3E-08	5.6E-09	3E-05
6065	477360.83, 3849782.35	0.01209	0.01053	0.01006	0.01189	0.00857	2.27E-05	9.2E-07	2.4E-08	9.6E-09	2.37E-05	2.78E-05	1.13E-06	2.33E-08	5.36E-09	2.90E-05	2.45E-05	8.7E-07	2.3E-08	5.5E-09	3E-05
6066	477272.97, 3849739.7	0.01195	0.01043	0.00997	0.01176	0.0085	2.25E-05	9.1E-07	2.3E-08	9.5E-09	2.34E-05	2.75E-05	1.12E-06	2.30E-08	5.32E-09	2.87E-05	2.43E-05	8.6E-07	2.2E-08	5.5E-09	3E-05
6067	477185.12, 3849697.05	0.01184	0.01033	0.00987	0.01165	0.00844	2.22E-05	9.1E-07	2.3E-08	9.4E-09	2.32E-05	2.73E-05	1.11E-06	2.28E-08	5.28E-09	2.84E-05	2.40E-05	8.5E-07	2.2E-08	5.5E-09	2E-05
6068	477097.27, 3849654.41	0.01168	0.01022	0.00978	0.0115	0.00835	2.19E-05	9E-07	2.3E-08	9.3E-09	2.29E-05	2.69E-05	1.10E-06	2.25E-08	5.22E-09	2.80E-05	2.37E-05	8.5E-07	2.2E-08	5.4E-09	2E-05
6069	477009.41, 3849611.76	0.01143	0.01011	0.00968	0.01126	0.0082	2.15E-05	8.9E-07	2.2E-08	9.2E-09	2.24E-05	2.63E-05	1.09E-06	2.21E-08	5.13E-09	2.74E-05	2.32E-05	8.4E-07	2.1E-08	5.3E-09	2E-05
6070	476841.49, 3849530.08	0.01114	0.00992	0.00944	0.01097	0.00802	2.09E-05	8.7E-07	2.2E-08	9E-09	2.18E-05	2.57E-05	1.07E-06	2.15E-08	5.02E-09	2.67E-05	2.26E-05	8.2E-07	2.1E-08	5.2E-09	2E-05
6071	476761.41, 3849491.05	0.01104	0.00983	0.00936	0.01087	0.00797	2.07E-05	8.6E-07	2.2E-08	8.9E-09	2.16E-05	2.54E-05	1.06E-06	2.13E-08	4.98E-09	2.65E-05	2.24E-05	8.1E-07	2.1E-08	5.1E-09	2E-05
6072	476681.34, 3849452.02	0.01087	0.0097	0.00927	0.01071	0.00787	2.04E-05	8.5E-07	2.1E-08	8.8E-09	2.13E-05	2.50E-05	1.04E-06	2.10E-08	4.92E-09	2.61E-05	2.21E-05	8E-07	2E-08	5.1E-09	2E-05
6073	476601.26, 3849412.99	0.01068	0.00959	0.00918	0.01052	0.00776	2.01E-05	8.4E-07	2.1E-08	8.7E-09	2.09E-05	2.46E-05	1.03E-06	2.06E-08	4.85E-09	2.57E-05	2.17E-05	7.9E-07	2E-08	5E-09	2E-05
6074	476456.32, 3849353.67	0.01031	0.00942	0.00902	0.01016	0.00751	1.94E-05	8.3E-07	2E-08	8.4E-09	2.02E-05	2.37E-05	1.01E-06	1.99E-08	4.70E-09	2.48E-05	2.09E-05	7.8E-07	1.9E-08	4.9E-09	2E-05
6075	476305.43, 3849318.84	0.01031	0.00938	0.00899	0.01014	0.00754	1.94E-05	8.2E-07	2E-08	8.4E-09	2.02E-05	2.37E-05	1.01E-06	1.99E-08	4.72E-09	2.48E-05	2.09E-05	7.8E-07	1.9E-08	4.9E-09	2E-05
6076	476129.36, 3849289.99	0.01022	0.00934	0.00895	0.01004	0.00751	1.92E-05	8.2E-07	2E-08	8.4E-09	2.01E-05	2.35E-05	1.00E-06	1.97E-08	4.70E-09	2.46E-05	2.08E-05	7.7E-07	1.9E-08	4.9E-09	2E-05

6077	476039.31, 3849275.68	0.0102	0.00932	0.00894	0.01002	0.0075	1.92E-05	8.2E-07	2E-08	8.4E-09	2.00E-05	2.35E-05	1.00E-06	1.96E-08	4.69E-09	2.45E-05	2.07E-05	7.7E-07	1.9E-08	4.8E-09	2E-05
6078	475949.26, 3849261.38	0.01001	0.00926	0.00888	0.00984	0.00736	1.88E-05	8.1E-07	2E-08	8.2E-09	1.97E-05	2.31E-05	9.95E-07	1.93E-08	4.60E-09	2.41E-05	2.03E-05	7.7E-07	1.9E-08	4.8E-09	2E-05
6079	475859.21, 3849247.08	0.00996	0.00923	0.00886	0.00978	0.00732	1.87E-05	8.1E-07	1.9E-08	8.2E-09	1.96E-05	2.29E-05	9.92E-07	1.92E-08	4.58E-09	2.40E-05	2.02E-05	7.6E-07	1.9E-08	4.7E-09	2E-05
6080	475769.16, 3849232.77	0.00988	0.0092	0.00883	0.00969	0.00725	1.86E-05	8.1E-07	1.9E-08	8.1E-09	1.94E-05	2.28E-05	9.89E-07	1.90E-08	4.53E-09	2.38E-05	2.01E-05	7.6E-07	1.8E-08	4.7E-09	2E-05
6081	475585.23, 3849219.27	0.00892	0.00864	0.00832	0.00883	0.00609	1.68E-05	7.6E-07	1.8E-08	6.8E-09	1.75E-05	2.05E-05	9.29E-07	1.73E-08	3.81E-09	2.15E-05	1.81E-05	7.1E-07	1.7E-08	3.9E-09	2E-05
6082	475444.5, 3849150.35	0.0093	0.00888	0.00853	0.00914	0.00666	1.75E-05	7.8E-07	1.8E-08	7.4E-09	1.83E-05	2.14E-05	9.55E-07	1.79E-08	4.17E-09	2.24E-05	1.89E-05	7.3E-07	1.7E-08	4.3E-09	2E-05
6083	475334.18, 3849118.71	0.00932	0.00887	0.00853	0.00915	0.00676	1.75E-05	7.8E-07	1.8E-08	7.6E-09	1.83E-05	2.15E-05	9.54E-07	1.79E-08	4.23E-09	2.24E-05	1.89E-05	7.3E-07	1.7E-08	4.4E-09	2E-05
6084	475230.47, 3849060.57	0.0092	0.00875	0.00842	0.00903	0.00668	1.73E-05	7.7E-07	1.8E-08	7.5E-09	1.81E-05	2.12E-05	9.41E-07	1.77E-08	4.18E-09	2.21E-05	1.87E-05	7.2E-07	1.7E-08	4.3E-09	2E-05
6085	475110.86, 3848960.97	0.00896	0.00853	0.00822	0.00881	0.00651	1.68E-05	7.5E-07	1.7E-08	7.3E-09	1.76E-05	2.06E-05	9.17E-07	1.73E-08	4.07E-09	2.16E-05	1.82E-05	7.1E-07	1.7E-08	4.2E-09	2E-05
6086	475037.79, 3848896.28	0.00877	0.00837	0.00807	0.00863	0.00634	1.65E-05	7.3E-07	1.7E-08	7.1E-09	1.72E-05	2.02E-05	9.00E-07	1.69E-08	3.97E-09	2.11E-05	1.78E-05	6.9E-07	1.6E-08	4.1E-09	2E-05
6087	474964.72, 3848831.59	0.00858	0.00821	0.00792	0.00845	0.00618	1.61E-05	7.2E-07	1.7E-08	6.9E-09	1.69E-05	1.98E-05	8.83E-07	1.66E-08	3.87E-09	2.07E-05	1.74E-05	6.8E-07	1.6E-08	4E-09	2E-05
6088	474891.65, 3848766.9	0.00845	0.00808	0.0078	0.00833	0.00609	1.59E-05	7.1E-07	1.7E-08	6.8E-09	1.66E-05	1.95E-05	8.69E-07	1.63E-08	3.81E-09	2.03E-05	1.72E-05	6.7E-07	1.6E-08	3.9E-09	2E-05
6089	474818.58, 3848702.22	0.00835	0.00797	0.0077	0.00823	0.00603	1.57E-05	7E-07	1.6E-08	6.7E-09	1.64E-05	1.92E-05	8.57E-07	1.61E-08	3.77E-09	2.01E-05	1.70E-05	6.6E-07	1.6E-08	3.9E-09	2E-05
6090	474745.51, 3848637.53	0.00836	0.00793	0.00766	0.00824	0.00613	1.57E-05	7E-07	1.6E-08	6.8E-09	1.64E-05	1.93E-05	8.52E-07	1.61E-08	3.83E-09	2.01E-05	1.70E-05	6.6E-07	1.6E-08	4E-09	2E-05
6091	474672.44, 3848572.84	0.00829	0.00784	0.00757	0.00816	0.00611	1.56E-05	6.9E-07	1.6E-08	6.8E-09	1.63E-05	1.91E-05	8.43E-07	1.60E-08	3.82E-09	2.00E-05	1.68E-05	6.5E-07	1.6E-08	3.9E-09	2E-05
6092	474599.37, 3848508.15	0.00813	0.00771	0.00745	0.00802	0.00598	1.53E-05	6.8E-07	1.6E-08	6.7E-09	1.60E-05	1.87E-05	8.29E-07	1.57E-08	3.74E-09	1.96E-05	1.65E-05	6.4E-07	1.5E-08	3.9E-09	2E-05
6093	474526.3, 3848443.46	0.00802	0.0076	0.00735	0.00791	0.0059	1.51E-05	6.7E-07	1.6E-08	6.6E-09	1.58E-05	1.85E-05	8.17E-07	1.55E-08	3.69E-09	1.93E-05	1.63E-05	6.3E-07	1.5E-08	3.8E-09	2E-05

			2028	2033	2048	Residential Dose							Risk by Age Group							
Rec#	X	Y	Conc	Conc	Conc	3rd	0<2	2<9 (2028)	2<9 (2033)	9<16	16<70(2033)	16<70(2048)	3rd	0<2	2<9 (2028)	2<9 (2033)	9<16	16<70(2033)	16<70(2048)	Total Risk
1	485973.61	3854936.51	1.14E-03	1.40E-03	1.23E-03	3.97E-07	1.20E-06	6.93E-07	8.50E-07	7.70E-07	3.51E-07	3.07E-07	1.32E-08	3.20E-07	7.06E-08	1.15E-07	1.83E-07	3.22E-08	1.61E-07	8.96E-07
2	486023.61	3854936.51	1.10E-03	1.34E-03	1.17E-03	3.80E-07	1.15E-06	6.64E-07	8.13E-07	7.37E-07	3.36E-07	2.94E-07	1.27E-08	3.06E-07	6.76E-08	1.10E-07	1.75E-07	3.09E-08	1.54E-07	8.57E-07
3	486073.61	3854936.51	1.06E-03	1.30E-03	1.13E-03	3.67E-07	1.11E-06	6.41E-07	7.86E-07	7.12E-07	3.25E-07	2.84E-07	1.23E-08	2.96E-07	6.53E-08	1.07E-07	1.69E-07	2.98E-08	1.49E-07	8.28E-07
4	486123.61	3854936.51	1.00E-03	1.23E-03	1.07E-03	3.47E-07	1.05E-06	6.07E-07	7.44E-07	6.74E-07	3.08E-07	2.69E-07	1.16E-08	2.80E-07	6.18E-08	1.01E-07	1.60E-07	2.82E-08	1.41E-07	7.84E-07
5	486173.61	3854936.51	9.82E-04	1.20E-03	1.05E-03	3.40E-07	1.03E-06	5.95E-07	7.28E-07	6.60E-07	3.01E-07	2.63E-07	1.14E-08	2.74E-07	6.05E-08	9.89E-08	1.57E-07	2.77E-08	1.38E-07	7.68E-07
6	486223.61	3854936.51	9.43E-04	1.16E-03	1.01E-03	3.27E-07	9.87E-07	5.71E-07	7.00E-07	6.35E-07	2.90E-07	2.53E-07	1.09E-08	2.64E-07	5.82E-08	9.51E-08	1.51E-07	2.66E-08	1.33E-07	7.38E-07
7	486273.61	3854936.51	9.13E-04	1.12E-03	9.78E-04	3.16E-07	9.55E-07	5.53E-07	6.78E-07	6.14E-07	2.80E-07	2.45E-07	1.06E-08	2.55E-07	5.63E-08	9.20E-08	1.46E-07	2.57E-08	1.29E-07	7.14E-07
8	486323.61	3854936.51	8.86E-04	1.09E-03	9.49E-04	3.07E-07	9.27E-07	5.37E-07	6.57E-07	5.96E-07	2.72E-07	2.38E-07	1.03E-08	2.48E-07	5.46E-08	8.93E-08	1.42E-07	2.50E-08	1.25E-07	6.93E-07
9	485973.61	3854986.51	1.24E-03	1.51E-03	1.32E-03	4.28E-07	1.29E-06	7.49E-07	9.17E-07	8.32E-07	3.79E-07	3.32E-07	1.43E-08	3.46E-07	7.63E-08	1.25E-07	1.98E-07	3.48E-08	1.74E-07	9.67E-07
10	486023.61	3854986.51	1.19E-03	1.45E-03	1.27E-03	4.12E-07	1.24E-06	7.19E-07	8.81E-07	7.99E-07	3.65E-07	3.19E-07	1.37E-08	3.32E-07	7.32E-08	1.20E-07	1.90E-07	3.35E-08	1.67E-07	9.29E-07
11	486073.61	3854986.51	1.14E-03	1.39E-03	1.22E-03	3.94E-07	1.19E-06	6.88E-07	8.43E-07	7.64E-07	3.49E-07	3.05E-07	1.31E-08	3.17E-07	7.01E-08	1.14E-07	1.82E-07	3.20E-08	1.60E-07	8.89E-07
12	486123.61	3854986.51	1.09E-03	1.33E-03	1.17E-03	3.77E-07	1.14E-06	6.59E-07	8.07E-07	7.32E-07	3.34E-07	2.92E-07	1.26E-08	3.04E-07	6.71E-08	1.10E-07	1.74E-07	3.07E-08	1.53E-07	8.51E-07
13	486173.61	3854986.51	1.06E-03	1.29E-03	1.13E-03	3.66E-07	1.10E-06	6.39E-07	7.83E-07	7.10E-07	3.24E-07	2.83E-07	1.22E-08	2.95E-07	6.51E-08	1.06E-07	1.69E-07	2.97E-08	1.49E-07	8.26E-07
14	486223.61	3854986.51	1.01E-03	1.24E-03	1.08E-03	3.51E-07	1.06E-06	6.13E-07	7.51E-07	6.81E-07	3.11E-07	2.72E-07	1.17E-08	2.83E-07	6.24E-08	1.02E-07	1.62E-07	2.85E-08	1.43E-07	7.92E-07
15	486273.61	3854986.51	9.68E-04	1.19E-03	1.04E-03	3.36E-07	1.01E-06	5.86E-07	7.18E-07	6.51E-07	2.97E-07	2.60E-07	1.12E-08	2.71E-07	5.97E-08	9.75E-08	1.55E-07	2.73E-08	1.36E-07	7.58E-07
16	486323.61	3854986.51	9.53E-04	1.17E-03	1.02E-03	3.30E-07	9.97E-07	5.77E-07	7.07E-07	6.41E-07	2.93E-07	2.56E-07	1.10E-08	2.66E-07	5.88E-08	9.60E-08	1.52E-07	2.68E-08	1.34E-07	7.46E-07
17	485973.61	3855036.51	1.33E-03	1.64E-03	1.43E-03	4.63E-07	1.40E-06	8.09E-07	9.91E-07	8.98E-07	4.10E-07	3.58E-07	1.54E-08	3.73E-07	8.23E-08	1.34E-07	2.13E-07	3.76E-08	1.88E-07	1.04E-06
18	486023.61	3855036.51	1.28E-03	1.56E-03	1.37E-03	4.43E-07	1.34E-06	7.73E-07	9.48E-07	8.59E-07	3.92E-07	3.43E-07	1.48E-08	3.57E-07	7.88E-08	1.29E-07	2.04E-07	3.60E-08	1.80E-07	9.99E-07
19	486073.61	3855036.51	1.21E-03	1.49E-03	1.30E-03	4.21E-07	1.27E-06	7.35E-07	9.01E-07	8.17E-07	3.73E-07	3.26E-07	1.40E-08	3.39E-07	7.49E-08	1.22E-07	1.94E-07	3.42E-08	1.71E-07	9.50E-07
20	486123.61	3855036.51	1.16E-03	1.43E-03	1.25E-03	4.03E-07	1.22E-06	7.05E-07	8.63E-07	7.83E-07	3.57E-07	3.12E-07	1.35E-08	3.25E-07	7.18E-08	1.17E-07	1.86E-07	3.28E-08	1.64E-07	9.10E-07
21	486173.61	3855036.51	1.13E-03	1.38E-03	1.21E-03	3.91E-07	1.18E-06	6.83E-07	8.37E-07	7.59E-07	3.46E-07	3.03E-07	1.31E-08	3.15E-07	6.96E-08	1.14E-07	1.80E-07	3.18E-08	1.59E-07	8.83E-07
22	486223.61	3855036.51	1.08E-03	1.32E-03	1.15E-03	3.73E-07	1.13E-06	6.52E-07	7.98E-07	7.24E-07	3.30E-07	2.89E-07	1.24E-08	3.01E-07	6.64E-08	1.08E-07	1.72E-07	3.03E-08	1.52E-07	8.42E-07
23	486273.61	3855036.51	1.05E-03	1.28E-03	1.12E-03	3.63E-07	1.10E-06	6.35E-07	7.78E-07	7.05E-07	3.22E-07	2.82E-07	1.21E-08	2.93E-07	6.47E-08	1.06E-07	1.68E-07	2.95E-08	1.48E-07	8.20E-07
24	486323.61	3855036.51	1.01E-03	1.24E-03	1.08E-03	3.50E-07	1.06E-06	6.11E-07	7.49E-07	6.79E-07	3.10E-07	2.71E-07	1.17E-08	2.82E-07	6.23E-08	1.02E-07	1.61E-07	2.84E-08	1.42E-07	7.90E-07
25	485973.61	3855086.51	1.43E-03	1.75E-03	1.53E-03	4.96E-07	1.50E-06	8.67E-07	1.06E-06	9.62E-07	4.39E-07	3.84E-07	1.66E-08	4.00E-07	8.82E-08	1.44E-07	2.29E-07	4.03E-08	2.02E-07	1.12E-06
26	486023.61	3855086.51	1.37E-03	1.68E-03	1.47E-03	4.76E-07	1.44E-06	8.32E-07	1.02E-06	9.24E-07	4.22E-07	3.69E-07	1.59E-08	3.84E-07	8.47E-08	1.38E-07	2.20E-07	3.87E-08	1.94E-07	1.07E-06
27	486073.61	3855086.51	1.30E-03	1.60E-03	1.40E-03	4.52E-07	1.36E-06	7.90E-07	9.67E-07	8.77E-07	4.00E-07	3.50E-07	1.51E-08	3.64E-07	8.04E-08	1.31E-07	2.08E-07	3.67E-08	1.84E-07	1.02E-06
28	486123.61	3855086.51	1.26E-03	1.54E-03	1.35E-03	4.35E-07	1.31E-06	7.60E-07	9.31E-07	8.44E-07	3.85E-07	3.37E-07	1.45E-08	3.51E-07	7.74E-08	1.26E-07	2.01E-07	3.54E-08	1.77E-07	9.82E-07
29	486173.61	3855086.51	1.20E-03	1.47E-03	1.28E-03	4.15E-07	1.25E-06	7.25E-07	8.88E-07	8.05E-07	3.67E-07	3.22E-07	1.39E-08	3.35E-07	7.38E-08	1.21E-07	1.91E-07	3.37E-08	1.69E-07	9.37E-07
30	486223.61	3855086.51	1.15E-03	1.41E-03	1.24E-03	4.00E-07	1.21E-06	6.99E-07	8.57E-07	7.77E-07	3.54E-07	3.10E-07	1.34E-08	3.23E-07	7.12E-08	1.16E-07	1.85E-07	3.25E-08	1.63E-07	9.03E-07
31	485973.61	3855136.51	1.54E-03	1.89E-03	1.65E-03	5.34E-07	1.61E-06	9.33E-07	1.14E-06	1.04E-06	4.73E-07	4.14E-07	1.78E-08	4.30E-07	9.50E-08	1.55E-07	2.46E-07	4.34E-08	2.17E-07	1.20E-06
32	486023.61	3855136.51	1.47E-03	1.80E-03	1.58E-03	5.09E-07	1.54E-06	8.90E-07	1.09E-06	9.88E-07	4.51E-07	3.95E-07	1.70E-08	4.11E-07	9.06E-08	1.48E-07	2.35E-07	4.14E-08	2.07E-07	1.15E-06
33	486073.61	3855136.51	1.40E-03	1.72E-03	1.50E-03	4.86E-07	1.47E-06	8.49E-07	1.04E-06	9.43E-07	4.30E-07	3.77E-07	1.62E-08	3.92E-07	8.64E-08	1.41E-07	2.24E-07	3.95E-08	1.98E-07	1.10E-06
34	486123.61	3855136.51	1.34E-03	1.64E-03	1.44E-03	4.65E-07	1.40E-06	8.13E-07	9.96E-07	9.03E-07	4.12E-07	3.61E-07	1.55E-08	3.75E-07	8.28E-08	1.35E-07	2.14E-07	3.78E-08	1.89E-07	1.05E-06
35	486173.61	3855136.51	1.28E-03	1.57E-03	1.38E-03	4.44E-07	1.34E-06	7.77E-07	9.52E-07	8.63E-07	3.94E-07	3.45E-07	1.48E-08	3.58E-07	7.91E-08	1.29E-07	2.05E-07	3.61E-08	1.81E-07	1.00E-06
36	486223.61	3855136.51	1.23E-03	1.51E-03	1.32E-03	4.26E-07	1.29E-06	7.45E-07	9.13E-07	8.28E-07	3.78E-07	3.31E-07	1.42E-08	3.44E-07	7.59E-08	1.24E-07	1.97E-07	3.47E-08	1.74E-07	9.63E-07
37	485973.61	3855186.51	1.65E-03	2.02E-03	1.77E-03	5.72E-07	1.73E-06	1.00E-06	1.23E-06	1.11E-06	5.07E-07	4.44E-07	1.91E-08	4.62E-07	1.02E-07	1.66E-07	2.64E-07	4.65E-08	2.33E-07	1.29E-06
38	486023.61	3855186.51	1.58E-03	1.93E-03	1.69E-03	5.46E-07	1.65E-06	9.55E-07	1.17E-06	1.06E-06	4.84E-07	4.24E-07	1.82E-08	4.41E-07	9.73E-08	1.59E-07	2.52E-07	4.44E-08	2.23E-07	1.23E-06
39	486073.61	3855186.51	1.50E-03	1.83E-03	1.61E-03	5.18E-07	1.57E-06	9.06E-07	1.11E-06	1.01E-06	4.59E-07	4.02E-07	1.73E-08	4.18E-07	9.23E-08	1.51E-07	2.39E-07	4.21E-08	2.11E-07	1.17E-06
40	486123.61	3855186.51	1.42E-03	1.74E-03	1.53E-03	4.92E-07	1.49E-06	8.61E-07	1.05E-06	9.56E-07	4.36E-07	3.82E-07	1.64E-08	3.97E-07	8.76E-08	1.43E-07	2.27E-07	4.00E-08	2.01E-07	1.11E-06
41	486173.61	3855186.51	1.36E-03	1.67E-03	1.46E-03	4.71E-07	1.42E-06	8.24E-07	1.01E-06	9.15E-07	4.18E-07	3.66E-07	1.57E-08	3.80E-07	8.39E-08	1.37E-07	2.17E-07	3.83E-08	1.92E-07	1.06E-06
42	486223.61	3855186.51	1.30E-03	1.60E-03	1.40E-03	4.52E-07	1.36E-06	7.90E-07	9.68E-07	8.77E-07	4.00E-07	3.51E-07	1.51E-08	3.65E-07	8.04E-08	1.31E-07	2.08E-07	3.67E-08	1.84E-07	1.02E-06
43	486273.61	3855186.51	1.25E-03	1.53E-03	1.34E-03	4.33E-07	1.31E-06	7.56E-07	9.26E-07	8.40E-07	3.83E-07	3.36E-07	1.44E-08	3.49E-07	7.70E-08	1.26E-07	2.00E-07	3.52E-08	1.76E-07	9.77E-07
44	486323.61	3855186.51	1.23E-03	1.51E-03	1.32E-03	4.26E-07	1.29E-06	7.44E-07	9.12E-07	8.27E-07	3.77E-07	3.31E-07	1.42E-08	3.43E-07	7.58E-08	1.24E-07	1.96E-07	3.46E-08	1.73E-07	9.62E-07
45	485973.61	3855236.51	1.76E-03	2.16E-03	1.89E-03	6.11E-07	1.85E-06	1.07E-06	1.31E-06	1.19E-06	5.41E-07	4.74E-07	2.04E-08	4.93E-07	1.09E-07	1.78E-07	2.82E-07	4.97E-08	2.49E-07	1.38E-06
46	486023.61	3855236.51	1.67E-03	2.05E-03	1.79E-03	5.79E-07	1.75E-06	1.01E-06	1.24E-06	1.12E-06	5.13E-07	4.50E-07	1.93E-08	4.67E-07	1.03E-07	1.68E-07	2.67E-07	4.71E-08	2.36E-07	1.31E-06
47	486073.61	3855236.51	1.58E-03	1.94E-03	1.70E-03	5.49E-07	1.66E-06	9.59E-07	1.17E-06	1.06E-06	4.86E-07	4.26E-07	1.83E-08	4.42E-07	9.76E-08	1.59E-07	2.53E-07	4.46E-08	2.24E-07	1.24E-06
48	486123.61	3855236.51	1.51E-03	1.85E-03	1.62E-03	5.23E-07	1.58E-06	9.15E-07	1.12E-06	1.02E-06	4.64E-07	4.06E-07	1.75E-08	4.22E-07	9.32E-08	1.52E-07	2.41E-07	4.25E-08	2.13E-07	1.18E-06

49	486173.61	3855236.51	1.44E-03	1.77E-03	1.55E-03	5.01E-07	1.51E-06	8.75E-07	1.07E-06	9.72E-07	4.43E-07	3.89E-07	1.67E-08	4.04E-07	8.91E-08	1.46E-07	2.31E-07	4.07E-08	2.04E-07	1.13E-06
50	486223.61	3855236.51	1.38E-03	1.69E-03	1.48E-03	4.78E-07	1.44E-06	8.36E-07	1.02E-06	9.28E-07	4.24E-07	3.71E-07	1.60E-08	3.86E-07	8.51E-08	1.39E-07	2.21E-07	3.89E-08	1.95E-07	1.08E-06
51	486273.61	3855236.51	1.30E-03	1.60E-03	1.40E-03	4.52E-07	1.37E-06	7.90E-07	9.68E-07	8.78E-07	4.01E-07	3.51E-07	1.51E-08	3.65E-07	8.05E-08	1.31E-07	2.09E-07	3.68E-08	1.84E-07	1.02E-06
52	486323.61	3855236.51	1.30E-03	1.59E-03	1.39E-03	4.50E-07	1.36E-06	7.87E-07	9.64E-07	8.74E-07	3.99E-07	3.49E-07	1.50E-08	3.63E-07	8.01E-08	1.31E-07	2.08E-07	3.66E-08	1.83E-07	1.02E-06
53	485973.61	3855286.51	1.88E-03	2.30E-03	2.02E-03	6.51E-07	1.96E-06	1.14E-06	1.39E-06	1.26E-06	5.76E-07	5.05E-07	2.17E-08	5.25E-07	1.16E-07	1.89E-07	3.00E-07	5.29E-08	2.65E-07	1.47E-06
54	486023.61	3855286.51	1.77E-03	2.17E-03	1.91E-03	6.15E-07	1.86E-06	1.07E-06	1.32E-06	1.19E-06	5.44E-07	4.78E-07	2.05E-08	4.96E-07	1.09E-07	1.79E-07	2.84E-07	5.00E-08	2.51E-07	1.39E-06
55	486073.61	3855286.51	1.68E-03	2.06E-03	1.81E-03	5.84E-07	1.76E-06	1.02E-06	1.25E-06	1.13E-06	5.17E-07	4.53E-07	1.95E-08	4.71E-07	1.04E-07	1.70E-07	2.69E-07	4.74E-08	2.38E-07	1.32E-06
56	486123.61	3855286.51	1.60E-03	1.96E-03	1.72E-03	5.54E-07	1.67E-06	9.68E-07	1.19E-06	1.07E-06	4.90E-07	4.30E-07	1.85E-08	4.46E-07	9.85E-08	1.61E-07	2.55E-07	4.50E-08	2.26E-07	1.25E-06
57	486173.61	3855286.51	1.52E-03	1.86E-03	1.63E-03	5.27E-07	1.59E-06	9.21E-07	1.13E-06	1.02E-06	4.67E-07	4.09E-07	1.76E-08	4.25E-07	9.38E-08	1.53E-07	2.43E-07	4.28E-08	2.15E-07	1.19E-06
58	486223.61	3855286.51	1.46E-03	1.79E-03	1.57E-03	5.05E-07	1.53E-06	8.83E-07	1.08E-06	9.81E-07	4.48E-07	3.93E-07	1.69E-08	4.08E-07	8.99E-08	1.47E-07	2.33E-07	4.11E-08	2.06E-07	1.14E-06
59	486123.61	3855336.51	1.69E-03	2.07E-03	1.81E-03	5.84E-07	1.76E-06	1.02E-06	1.25E-06	1.13E-06	5.18E-07	4.54E-07	1.95E-08	4.71E-07	1.04E-07	1.70E-07	2.70E-07	4.75E-08	2.38E-07	1.32E-06
60	486173.61	3855336.51	1.61E-03	1.97E-03	1.73E-03	5.58E-07	1.69E-06	9.76E-07	1.20E-06	1.08E-06	4.94E-07	4.34E-07	1.86E-08	4.50E-07	9.94E-08	1.62E-07	2.57E-07	4.54E-08	2.28E-07	1.26E-06
61	486223.61	3855336.51	1.54E-03	1.88E-03	1.65E-03	5.33E-07	1.61E-06	9.31E-07	1.14E-06	1.03E-06	4.72E-07	4.14E-07	1.78E-08	4.30E-07	9.48E-08	1.55E-07	2.46E-07	4.33E-08	2.17E-07	1.20E-06
62	486123.61	3855386.51	1.78E-03	2.19E-03	1.92E-03	6.18E-07	1.87E-06	1.08E-06	1.32E-06	1.20E-06	5.48E-07	4.81E-07	2.06E-08	4.99E-07	1.10E-07	1.80E-07	2.85E-07	5.02E-08	2.52E-07	1.40E-06
63	486173.61	3855386.51	1.70E-03	2.08E-03	1.83E-03	5.90E-07	1.78E-06	1.03E-06	1.26E-06	1.14E-06	5.22E-07	4.58E-07	1.97E-08	4.76E-07	1.05E-07	1.71E-07	2.72E-07	4.79E-08	2.41E-07	1.33E-06
64	486223.61	3855386.51	1.63E-03	1.99E-03	1.75E-03	5.64E-07	1.70E-06	9.85E-07	1.21E-06	1.09E-06	4.99E-07	4.38E-07	1.88E-08	4.55E-07	1.00E-07	1.64E-07	2.60E-07	4.58E-08	2.30E-07	1.27E-06
65	486533.18	3855443.15	1.37E-03	1.67E-03	1.47E-03	4.73E-07	1.43E-06	8.27E-07	1.01E-06	9.19E-07	4.19E-07	3.68E-07	1.58E-08	3.82E-07	8.43E-08	1.38E-07	2.18E-07	3.85E-08	1.93E-07	1.07E-06
66	486583.18	3855443.15	1.32E-03	1.61E-03	1.42E-03	4.56E-07	1.38E-06	7.97E-07	9.77E-07	8.85E-07	4.04E-07	3.55E-07	1.52E-08	3.68E-07	8.12E-08	1.33E-07	2.10E-07	3.71E-08	1.86E-07	1.03E-06
67	486633.18	3855443.15	1.27E-03	1.56E-03	1.37E-03	4.40E-07	1.33E-06	7.69E-07	9.42E-07	8.54E-07	3.90E-07	3.42E-07	1.47E-08	3.55E-07	7.83E-08	1.28E-07	2.03E-07	3.58E-08	1.80E-07	9.94E-07
68	486683.18	3855443.15	1.23E-03	1.51E-03	1.33E-03	4.28E-07	1.29E-06	7.48E-07	9.16E-07	8.30E-07	3.79E-07	3.33E-07	1.43E-08	3.45E-07	7.61E-08	1.24E-07	1.97E-07	3.48E-08	1.75E-07	9.66E-07
69	486533.18	3855493.15	1.43E-03	1.75E-03	1.54E-03	4.95E-07	1.50E-06	8.66E-07	1.06E-06	9.62E-07	4.39E-07	3.85E-07	1.65E-08	4.00E-07	8.82E-08	1.44E-07	2.28E-07	4.03E-08	2.02E-07	1.12E-06
70	486583.18	3855493.15	1.38E-03	1.69E-03	1.48E-03	4.78E-07	1.44E-06	8.36E-07	1.02E-06	9.28E-07	4.23E-07	3.72E-07	1.60E-08	3.86E-07	8.51E-08	1.39E-07	2.21E-07	3.89E-08	1.95E-07	1.08E-06
71	486633.18	3855493.15	1.33E-03	1.63E-03	1.43E-03	4.61E-07	1.39E-06	8.06E-07	9.88E-07	8.95E-07	4.09E-07	3.59E-07	1.54E-08	3.72E-07	8.21E-08	1.34E-07	2.13E-07	3.75E-08	1.88E-07	1.04E-06
72	486683.18	3855493.15	1.29E-03	1.58E-03	1.38E-03	4.46E-07	1.35E-06	7.79E-07	9.54E-07	8.65E-07	3.95E-07	3.47E-07	1.49E-08	3.59E-07	7.93E-08	1.30E-07	2.06E-07	3.62E-08	1.82E-07	1.01E-06
73	486533.18	3855543.15	1.50E-03	1.84E-03	1.62E-03	5.20E-07	1.57E-06	9.10E-07	1.11E-06	1.01E-06	4.61E-07	4.05E-07	1.74E-08	4.20E-07	9.26E-08	1.51E-07	2.40E-07	4.23E-08	2.13E-07	1.18E-06
74	486583.18	3855543.15	1.44E-03	1.76E-03	1.55E-03	4.98E-07	1.50E-06	8.71E-07	1.07E-06	9.67E-07	4.41E-07	3.88E-07	1.66E-08	4.02E-07	8.87E-08	1.45E-07	2.30E-07	4.05E-08	2.03E-07	1.13E-06
75	486633.18	3855543.15	1.39E-03	1.70E-03	1.49E-03	4.81E-07	1.45E-06	8.41E-07	1.03E-06	9.34E-07	4.26E-07	3.74E-07	1.61E-08	3.88E-07	8.56E-08	1.40E-07	2.22E-07	3.91E-08	1.96E-07	1.09E-06
76	486683.18	3855543.15	1.33E-03	1.63E-03	1.43E-03	4.61E-07	1.39E-06	8.06E-07	9.87E-07	8.95E-07	4.08E-07	3.59E-07	1.54E-08	3.72E-07	8.21E-08	1.34E-07	2.13E-07	3.75E-08	1.88E-07	1.04E-06
77	486533.18	3855593.15	1.57E-03	1.92E-03	1.69E-03	5.44E-07	1.64E-06	9.51E-07	1.17E-06	1.06E-06	4.82E-07	4.24E-07	1.82E-08	4.39E-07	9.69E-08	1.58E-07	2.51E-07	4.42E-08	2.22E-07	1.23E-06
78	486583.18	3855593.15	1.51E-03	1.84E-03	1.62E-03	5.22E-07	1.58E-06	9.12E-07	1.12E-06	1.01E-06	4.62E-07	4.06E-07	1.74E-08	4.21E-07	9.29E-08	1.52E-07	2.41E-07	4.24E-08	2.13E-07	1.18E-06
79	486633.18	3855593.15	1.45E-03	1.78E-03	1.56E-03	5.02E-07	1.52E-06	8.78E-07	1.08E-06	9.75E-07	4.45E-07	3.91E-07	1.68E-08	4.05E-07	8.94E-08	1.46E-07	2.32E-07	4.08E-08	2.05E-07	1.13E-06
80	486683.18	3855593.15	1.40E-03	1.72E-03	1.51E-03	4.86E-07	1.47E-06	8.49E-07	1.04E-06	9.42E-07	4.30E-07	3.78E-07	1.62E-08	3.92E-07	8.64E-08	1.41E-07	2.24E-07	3.95E-08	1.98E-07	1.10E-06
81	486533.18	3855643.15	1.65E-03	2.02E-03	1.77E-03	5.71E-07	1.72E-06	9.97E-07	1.22E-06	1.11E-06	5.05E-07	4.44E-07	1.91E-08	4.60E-07	1.02E-07	1.66E-07	2.63E-07	4.64E-08	2.33E-07	1.29E-06
82	486583.18	3855643.15	1.58E-03	1.94E-03	1.70E-03	5.48E-07	1.65E-06	9.57E-07	1.17E-06	1.06E-06	4.85E-07	4.26E-07	1.83E-08	4.42E-07	9.75E-08	1.59E-07	2.53E-07	4.45E-08	2.24E-07	1.24E-06
83	486633.18	3855643.15	1.52E-03	1.86E-03	1.63E-03	5.26E-07	1.59E-06	9.20E-07	1.13E-06	1.02E-06	4.66E-07	4.10E-07	1.76E-08	4.24E-07	9.36E-08	1.53E-07	2.43E-07	4.28E-08	2.15E-07	1.19E-06
84	486683.18	3855643.15	1.46E-03	1.79E-03	1.58E-03	5.07E-07	1.53E-06	8.86E-07	1.09E-06	9.84E-07	4.49E-07	3.95E-07	1.69E-08	4.09E-07	9.03E-08	1.47E-07	2.34E-07	4.12E-08	2.07E-07	1.15E-06
85	486533.18	3855693.15	1.74E-03	2.13E-03	1.87E-03	6.02E-07	1.82E-06	1.05E-06	1.29E-06	1.17E-06	5.33E-07	4.69E-07	2.01E-08	4.85E-07	1.07E-07	1.75E-07	2.77E-07	4.89E-08	2.46E-07	1.36E-06
86	486583.18	3855693.15	1.65E-03	2.02E-03	1.78E-03	5.73E-07	1.73E-06	1.00E-06	1.23E-06	1.11E-06	5.07E-07	4.46E-07	1.91E-08	4.62E-07	1.02E-07	1.66E-07	2.64E-07	4.65E-08	2.34E-07	1.29E-06
87	486633.18	3855693.15	1.57E-03	1.93E-03	1.69E-03	5.45E-07	1.65E-06	9.52E-07	1.17E-06	1.06E-06	4.83E-07	4.24E-07	1.82E-08	4.40E-07	9.70E-08	1.58E-07	2.51E-07	4.43E-08	2.23E-07	1.23E-06
88	486683.18	3855693.15	1.53E-03	1.87E-03	1.65E-03	5.30E-07	1.60E-06	9.26E-07	1.13E-06	1.03E-06	4.69E-07	4.12E-07	1.77E-08	4.27E-07	9.43E-08	1.54E-07	2.44E-07	4.30E-08	2.16E-07	1.20E-06
89	486733.18	3855693.15	1.50E-03	1.83E-03	1.61E-03	5.19E-07	1.57E-06	9.07E-07	1.11E-06	1.01E-06	4.60E-07	4.04E-07	1.73E-08	4.19E-07	9.24E-08	1.51E-07	2.39E-07	4.22E-08	2.12E-07	1.17E-06
90	486783.18	3855693.15	1.48E-03	1.81E-03	1.59E-03	5.11E-07	1.54E-06	8.94E-07	1.09E-06	9.92E-07	4.53E-07	3.98E-07	1.71E-08	4.12E-07	9.10E-08	1.49E-07	2.36E-07	4.15E-08	2.09E-07	1.16E-06
91	486533.18	3855743.15	1.82E-03	2.23E-03	1.96E-03	6.32E-07	1.91E-06	1.10E-06	1.35E-06	1.23E-06	5.60E-07	4.92E-07	2.11E-08	5.10E-07	1.12E-07	1.84E-07	2.91E-07	5.14E-08	2.58E-07	1.43E-06
92	486583.18	3855743.15	1.72E-03	2.11E-03	1.86E-03	5.97E-07	1.80E-06	1.04E-06	1.28E-06	1.16E-06	5.28E-07	4.65E-07	1.99E-08	4.81E-07	1.06E-07	1.73E-07	2.75E-07	4.85E-08	2.44E-07	1.35E-06
93	486633.18	3855743.15	1.65E-03	2.02E-03	1.78E-03	5.71E-07	1.72E-06	9.98E-07	1.22E-06	1.11E-06	5.06E-07	4.45E-07	1.91E-08	4.61E-07	1.02E-07	1.66E-07	2.63E-07	4.64E-08	2.33E-07	1.29E-06
94	486683.18	3855743.15	1.61E-03	1.97E-03	1.73E-03	5.57E-07	1.68E-06	9.74E-07	1.19E-06	1.08E-06	4.94E-07	4.34E-07	1.86E-08	4.50E-07	9.92E-08	1.62E-07	2.57E-07	4.53E-08	2.28E-07	1.26E-06
95	486733.18	3855743.15	1.56E-03	1.91E-03	1.68E-03	5.41E-07	1.63E-06	9.46E-07	1.16E-06	1.05E-06	4.79E-07	4.21E-07	1.81E-08	4.36E-07	9.63E-08	1.57E-07	2.49E-07	4.40E-08	2.21E-07	1.22E-06
96	486783.18	3855743.15	1.54E-03	1.89E-03	1.66E-03	5.35E-07	1.62E-06	9.35E-07	1.15E-06	1.04E-06	4.74E-07	4.17E-07	1.79E-08	4.32E-07	9.52E-08	1.56E-07	2.47E-07	4.35E-08	2.19E-07	1.21E-06
97	486533.18	3855793.15	1.92E-03	2.35E-03	2.07E-03	6.66E-07	2.01E-06	1.16E-06	1.42E-06	1.29E-06	5.89E-07	5.19E-07	2.22E-08	5.37E-07	1.18E-07	1.93E-07	3.07E-07	5.41E-08	2.72E-07	1.50E-06
98	486583.18	3855793.15	1.79E-03	2.19E-03	1.93E-03	6.20E-07	1.87E-06	1.08E-06	1.33E-06	1.20E-06	5.49E-07	4.83E-07	2.07E-08	5.00E-07	1.10E-07	1.80E-07	2.86E-07	5.04E-08	2.54E-07	1.40E-06
99	486633.18	3855793.15	1.74E-03	2.13E-03	1.88E-03	6.04E-07	1.82E-06	1.06E-06	1.29E-06	1.17E-06	5.35E-07	4.70E-07	2.02E-08	4.87E-07	1.07E-07	1.75E-07	2.78E-07	4.91E-08	2.47E-07	1.36E-06
100	486683.18	3855793.15	1.70E-03	2.08E-03	1.83E-03	5.89E-07	1.78E-06	1.03E-06	1.26E-06	1.14E-06	5.22E-07	4.59E-07	1.97E-08	4.75E-07	1.05E-07	1.71E-07	2.72E-07	4.79E-08	2.41E-07	1.33E-06
101	486733.18	3855793.15	1.65E-03	2.02E-03	1.78E-03	5.73E-07	1.73E-06	1.00E-06	1.23E-06	1.11E-06	5.07E-07	4.46E-07	1.91E-08	4.62E-07	1.02E-07	1.66E-07	2.64E-07	4.65E-08	2.34E-07	1.29E-06
102	486783.18	3855793.15	1.61E-03	1.98E-03	1.74E-03	5.59E-07	1.69E-06	9.77E-07	1.20E-06	1.08E-06	4.95E-07	4.35E-07	1.87E-08	4.51E-07	9.95E-08	1.62E-07	2.58E-07	4.54E-08	2.29E-07	1.26E-06
103	486533.18	3855843.15	2.01E-03	2.46E-03	2.16E-03	6.95E-07	2.10E-06	1.22E-06	1.49E-06	1.35E-06	6.16E-07	5.42E-07	2.32E-08	5.61E-07	1.24E-07	2.02E-07	3.21E-07	5.65E-08	2.84E-07	1.57E-06

104	486583.18	3855843.15	1.89E-03	2.31E-03	2.04E-03	6.54E-07	1.98E-06	1.14E-06	1.40E-06	1.27E-06	5.79E-07	5.10E-07	2.18E-08	5.28E-07	1.16E-07	1.90E-07	3.02E-07	5.32E-08	2.68E-07	1.48E-06
105	486633.18	3855843.15	1.84E-03	2.25E-03	1.98E-03	6.36E-07	1.92E-06	1.11E-06	1.36E-06	1.24E-06	5.64E-07	4.96E-07	2.13E-08	5.13E-07	1.13E-07	1.85E-07	2.93E-07	5.17E-08	2.60E-07	1.44E-06
106	486683.18	3855843.15	1.79E-03	2.19E-03	1.93E-03	6.20E-07	1.87E-06	1.08E-06	1.33E-06	1.20E-06	5.49E-07	4.83E-07	2.07E-08	5.00E-07	1.10E-07	1.80E-07	2.86E-07	5.04E-08	2.54E-07	1.40E-06
107	486733.18	3855843.15	1.74E-03	2.14E-03	1.88E-03	6.04E-07	1.82E-06	1.06E-06	1.29E-06	1.17E-06	5.35E-07	4.71E-07	2.02E-08	4.87E-07	1.08E-07	1.76E-07	2.79E-07	4.91E-08	2.47E-07	1.37E-06
108	486783.18	3855843.15	1.70E-03	2.08E-03	1.83E-03	5.88E-07	1.78E-06	1.03E-06	1.26E-06	1.14E-06	5.21E-07	4.58E-07	1.96E-08	4.74E-07	1.05E-07	1.71E-07	2.71E-07	4.78E-08	2.41E-07	1.33E-06
109	486533.18	3855893.15	2.07E-03	2.54E-03	2.23E-03	7.18E-07	2.17E-06	1.25E-06	1.54E-06	1.39E-06	6.36E-07	5.59E-07	2.40E-08	5.79E-07	1.28E-07	2.09E-07	3.31E-07	5.83E-08	2.94E-07	1.62E-06
110	486583.18	3855893.15	2.00E-03	2.45E-03	2.16E-03	6.94E-07	2.10E-06	1.21E-06	1.49E-06	1.35E-06	6.15E-07	5.41E-07	2.32E-08	5.60E-07	1.24E-07	2.02E-07	3.20E-07	5.64E-08	2.84E-07	1.57E-06
111	486633.18	3855893.15	1.94E-03	2.38E-03	2.09E-03	6.72E-07	2.03E-06	1.17E-06	1.44E-06	1.30E-06	5.95E-07	5.24E-07	2.24E-08	5.42E-07	1.20E-07	1.95E-07	3.10E-07	5.46E-08	2.75E-07	1.52E-06
112	486683.18	3855893.15	1.89E-03	2.31E-03	2.03E-03	6.53E-07	1.97E-06	1.14E-06	1.40E-06	1.27E-06	5.79E-07	5.09E-07	2.18E-08	5.27E-07	1.16E-07	1.90E-07	3.01E-07	5.31E-08	2.67E-07	1.48E-06
113	486733.18	3855893.15	1.84E-03	2.25E-03	1.98E-03	6.36E-07	1.92E-06	1.11E-06	1.36E-06	1.23E-06	5.63E-07	4.96E-07	2.12E-08	5.13E-07	1.13E-07	1.85E-07	2.93E-07	5.17E-08	2.60E-07	1.44E-06
114	486783.18	3855893.15	1.79E-03	2.20E-03	1.93E-03	6.21E-07	1.88E-06	1.09E-06	1.33E-06	1.21E-06	5.50E-07	4.84E-07	2.07E-08	5.01E-07	1.11E-07	1.81E-07	2.86E-07	5.05E-08	2.54E-07	1.40E-06
115	486533.18	3855943.15	2.19E-03	2.68E-03	2.36E-03	7.57E-07	2.29E-06	1.32E-06	1.62E-06	1.47E-06	6.71E-07	5.90E-07	2.53E-08	6.11E-07	1.35E-07	2.20E-07	3.49E-07	6.15E-08	3.10E-07	1.71E-06
116	486583.18	3855943.15	2.13E-03	2.61E-03	2.30E-03	7.39E-07	2.23E-06	1.29E-06	1.58E-06	1.43E-06	6.54E-07	5.76E-07	2.47E-08	5.96E-07	1.32E-07	2.15E-07	3.41E-07	6.00E-08	3.02E-07	1.67E-06
117	486633.18	3855943.15	2.05E-03	2.51E-03	2.21E-03	7.11E-07	2.15E-06	1.24E-06	1.52E-06	1.38E-06	6.30E-07	5.54E-07	2.38E-08	5.74E-07	1.27E-07	2.07E-07	3.28E-07	5.78E-08	2.91E-07	1.61E-06
118	486683.18	3855943.15	2.00E-03	2.45E-03	2.16E-03	6.93E-07	2.09E-06	1.21E-06	1.48E-06	1.34E-06	6.14E-07	5.40E-07	2.31E-08	5.59E-07	1.23E-07	2.01E-07	3.19E-07	5.63E-08	2.83E-07	1.57E-06
119	486733.18	3855943.15	1.94E-03	2.37E-03	2.09E-03	6.71E-07	2.03E-06	1.17E-06	1.44E-06	1.30E-06	5.94E-07	5.23E-07	2.24E-08	5.41E-07	1.19E-07	1.95E-07	3.09E-07	5.45E-08	2.74E-07	1.52E-06
120	486783.18	3855943.15	1.89E-03	2.32E-03	2.04E-03	6.55E-07	1.98E-06	1.15E-06	1.40E-06	1.27E-06	5.80E-07	5.11E-07	2.19E-08	5.29E-07	1.17E-07	1.90E-07	3.02E-07	5.33E-08	2.68E-07	1.48E-06
121	486533.18	3855993.15	2.33E-03	2.86E-03	2.52E-03	8.09E-07	2.44E-06	1.41E-06	1.73E-06	1.57E-06	7.16E-07	6.31E-07	2.70E-08	6.52E-07	1.44E-07	2.35E-07	3.73E-07	6.57E-08	3.31E-07	1.83E-06
122	486583.18	3855993.15	2.26E-03	2.76E-03	2.43E-03	7.82E-07	2.36E-06	1.37E-06	1.67E-06	1.52E-06	6.92E-07	6.09E-07	2.61E-08	6.31E-07	1.39E-07	2.27E-07	3.60E-07	6.35E-08	3.20E-07	1.77E-06
123	486633.18	3855993.15	2.18E-03	2.67E-03	2.35E-03	7.55E-07	2.28E-06	1.32E-06	1.62E-06	1.47E-06	6.69E-07	5.89E-07	2.52E-08	6.09E-07	1.34E-07	2.19E-07	3.48E-07	6.14E-08	3.09E-07	1.71E-06
124	486683.18	3855993.15	2.12E-03	2.59E-03	2.28E-03	7.34E-07	2.22E-06	1.28E-06	1.57E-06	1.42E-06	6.50E-07	5.72E-07	2.45E-08	5.92E-07	1.31E-07	2.13E-07	3.38E-07	5.96E-08	3.00E-07	1.66E-06
125	486733.18	3855993.15	2.05E-03	2.51E-03	2.21E-03	7.10E-07	2.15E-06	1.24E-06	1.52E-06	1.38E-06	6.29E-07	5.54E-07	2.37E-08	5.73E-07	1.26E-07	2.07E-07	3.28E-07	5.77E-08	2.91E-07	1.61E-06
126	486783.18	3855993.15	1.99E-03	2.44E-03	2.15E-03	6.91E-07	2.09E-06	1.21E-06	1.48E-06	1.34E-06	6.12E-07	5.38E-07	2.31E-08	5.57E-07	1.23E-07	2.01E-07	3.18E-07	5.61E-08	2.83E-07	1.56E-06
127	486533.18	3856043.15	2.49E-03	3.05E-03	2.69E-03	8.64E-07	2.61E-06	1.51E-06	1.85E-06	1.68E-06	7.65E-07	6.74E-07	2.89E-08	6.97E-07	1.54E-07	2.51E-07	3.99E-07	7.02E-08	3.54E-07	1.95E-06
128	486583.18	3856043.15	2.41E-03	2.95E-03	2.60E-03	8.36E-07	2.52E-06	1.46E-06	1.79E-06	1.62E-06	7.40E-07	6.52E-07	2.79E-08	6.74E-07	1.49E-07	2.43E-07	3.85E-07	6.79E-08	3.42E-07	1.89E-06
129	486633.18	3856043.15	2.32E-03	2.84E-03	2.50E-03	8.04E-07	2.43E-06	1.40E-06	1.72E-06	1.56E-06	7.12E-07	6.27E-07	2.68E-08	6.48E-07	1.43E-07	2.34E-07	3.71E-07	6.53E-08	3.29E-07	1.82E-06
130	486683.18	3856043.15	2.25E-03	2.76E-03	2.43E-03	7.80E-07	2.36E-06	1.36E-06	1.67E-06	1.51E-06	6.91E-07	6.08E-07	2.61E-08	6.29E-07	1.39E-07	2.27E-07	3.60E-07	6.34E-08	3.19E-07	1.76E-06
131	486733.18	3856043.15	2.17E-03	2.66E-03	2.34E-03	7.53E-07	2.27E-06	1.32E-06	1.61E-06	1.46E-06	6.67E-07	5.87E-07	2.51E-08	6.07E-07	1.34E-07	2.19E-07	3.47E-07	6.12E-08	3.08E-07	1.70E-06
132	486783.18	3856043.15	2.12E-03	2.59E-03	2.28E-03	7.33E-07	2.21E-06	1.28E-06	1.57E-06	1.42E-06	6.49E-07	5.72E-07	2.45E-08	5.92E-07	1.31E-07	2.13E-07	3.38E-07	5.96E-08	3.00E-07	1.66E-06
133	486533.18	3856093.15	2.69E-03	3.30E-03	2.91E-03	9.34E-07	2.82E-06	1.63E-06	2.00E-06	1.81E-06	8.27E-07	7.28E-07	3.12E-08	7.53E-07	1.66E-07	2.71E-07	4.31E-07	7.59E-08	3.82E-07	2.11E-06
134	486583.18	3856093.15	2.59E-03	3.17E-03	2.79E-03	8.96E-07	2.71E-06	1.57E-06	1.92E-06	1.74E-06	7.94E-07	6.99E-07	2.99E-08	7.23E-07	1.59E-07	2.60E-07	4.13E-07	7.28E-08	3.67E-07	2.03E-06
135	486633.18	3856093.15	2.48E-03	3.04E-03	2.68E-03	8.61E-07	2.60E-06	1.50E-06	1.84E-06	1.67E-06	7.62E-07	6.71E-07	2.87E-08	6.94E-07	1.53E-07	2.50E-07	3.97E-07	6.99E-08	3.52E-07	1.95E-06
136	486683.18	3856093.15	2.40E-03	2.94E-03	2.59E-03	8.32E-07	2.51E-06	1.45E-06	1.78E-06	1.61E-06	7.37E-07	6.49E-07	2.78E-08	6.71E-07	1.48E-07	2.42E-07	3.84E-07	6.76E-08	3.40E-07	1.88E-06
137	486733.18	3856093.15	2.31E-03	2.84E-03	2.50E-03	8.02E-07	2.42E-06	1.40E-06	1.72E-06	1.56E-06	7.10E-07	6.25E-07	2.68E-08	6.47E-07	1.43E-07	2.33E-07	3.70E-07	6.52E-08	3.28E-07	1.81E-06
138	486783.18	3856093.15	2.24E-03	2.75E-03	2.42E-03	7.78E-07	2.35E-06	1.36E-06	1.66E-06	1.51E-06	6.89E-07	6.06E-07	2.60E-08	6.27E-07	1.38E-07	2.26E-07	3.59E-07	6.32E-08	3.18E-07	1.76E-06
139	486533.18	3856143.15	2.92E-03	3.58E-03	3.15E-03	1.01E-06	3.06E-06	1.77E-06	2.17E-06	1.96E-06	8.96E-07	7.89E-07	3.38E-08	8.16E-07	1.80E-07	2.94E-07	4.67E-07	8.22E-08	4.14E-07	2.29E-06
140	486583.18	3856143.15	2.78E-03	3.40E-03	3.00E-03	9.63E-07	2.91E-06	1.68E-06	2.06E-06	1.87E-06	8.53E-07	7.51E-07	3.22E-08	7.77E-07	1.71E-07	2.80E-07	4.44E-07	7.83E-08	3.94E-07	2.18E-06
141	486633.18	3856143.15	2.67E-03	3.27E-03	2.88E-03	9.26E-07	2.80E-06	1.62E-06	1.98E-06	1.80E-06	8.20E-07	7.22E-07	3.09E-08	7.47E-07	1.65E-07	2.69E-07	4.27E-07	7.52E-08	3.79E-07	2.09E-06
142	486683.18	3856143.15	2.57E-03	3.14E-03	2.77E-03	8.90E-07	2.69E-06	1.56E-06	1.90E-06	1.73E-06	7.88E-07	6.94E-07	2.97E-08	7.18E-07	1.58E-07	2.59E-07	4.10E-07	7.23E-08	3.64E-07	2.01E-06
143	486733.18	3856143.15	2.47E-03	3.03E-03	2.67E-03	8.57E-07	2.59E-06	1.50E-06	1.83E-06	1.66E-06	7.59E-07	6.68E-07	2.86E-08	6.91E-07	1.52E-07	2.49E-07	3.95E-07	6.96E-08	3.51E-07	1.94E-06
144	486783.18	3856143.15	2.40E-03	2.94E-03	2.59E-03	8.31E-07	2.51E-06	1.45E-06	1.78E-06	1.61E-06	7.36E-07	6.48E-07	2.78E-08	6.71E-07	1.48E-07	2.42E-07	3.83E-07	6.76E-08	3.40E-07	1.88E-06
145	486533.18	3856193.15	3.21E-03	3.93E-03	3.46E-03	1.11E-06	3.36E-06	1.94E-06	2.38E-06	2.16E-06	9.84E-07	8.67E-07	3.71E-08	8.97E-07	1.98E-07	3.23E-07	5.13E-07	9.03E-08	4.55E-07	2.51E-06
146	486583.18	3856193.15	3.02E-03	3.70E-03	3.26E-03	1.05E-06	3.16E-06	1.83E-06	2.24E-06	2.03E-06	9.27E-07	8.17E-07	3.50E-08	8.44E-07	1.86E-07	3.04E-07	4.83E-07	8.51E-08	4.29E-07	2.37E-06
147	486633.18	3856193.15	2.89E-03	3.54E-03	3.11E-03	1.00E-06	3.02E-06	1.75E-06	2.14E-06	1.94E-06	8.86E-07	7.80E-07	3.34E-08	8.07E-07	1.78E-07	2.91E-07	4.61E-07	8.13E-08	4.10E-07	2.26E-06
148	486683.18	3856193.15	2.78E-03	3.40E-03	2.99E-03	9.62E-07	2.90E-06	1.68E-06	2.06E-06	1.87E-06	8.52E-07	7.50E-07	3.21E-08	7.76E-07	1.71E-07	2.80E-07	4.44E-07	7.82E-08	3.94E-07	2.17E-06
149	486733.18	3856193.15	2.65E-03	3.25E-03	2.86E-03	9.20E-07	2.78E-06	1.61E-06	1.97E-06	1.79E-06	8.15E-07	7.17E-07	3.07E-08	7.42E-07	1.64E-07	2.67E-07	4.24E-07	7.48E-08	3.77E-07	2.08E-06
150	486783.18	3856193.15	2.56E-03	3.14E-03	2.77E-03	8.89E-07	2.68E-06	1.55E-06	1.90E-06	1.72E-06	7.87E-07	6.93E-07	2.97E-08	7.17E-07	1.58E-07	2.58E-07	4.10E-07	7.22E-08	3.64E-07	2.01E-06
151	486533.18	3856243.15	3.54E-03	4.33E-03	3.82E-03	1.23E-06	3.70E-06	2.14E-06	2.62E-06	2.38E-06	1.09E-06	9.57E-07	4.09E-08	9.89E-07	2.18E-07	3.56E-07	5.65E-07	9.96E-08	5.02E-07	2.77E-06
152	486583.18	3856243.15	3.33E-03	4.07E-03	3.59E-03	1.15E-06	3.48E-06	2.01E-06	2.47E-06	2.24E-06	1.02E-06	8.99E-07	3.85E-08	9.29E-07	2.05E-07	3.35E-07	5.31E-07	9.36E-08	4.72E-07	2.60E-06
153	486633.18	3856243.15	3.14E-03	3.85E-03	3.39E-03	1.09E-06	3.29E-06	1.90E-06	2.33E-06	2.12E-06	9.65E-07	8.50E-07	3.64E-08	8.79E-07	1.94E-07	3.17E-07	5.03E-07	8.86E-08	4.46E-07	2.46E-06
154	486683.18	3856243.15	2.99E-03	3.67E-03	3.23E-03	1.04E-06	3.13E-06	1.81E-06	2.22E-06	2.01E-06	9.19E-07	8.09E-07	3.46E-08	8.37E-07	1.85E-07	3.02E-07	4.78E-07	8.43E-08	4.25E-07	2.34E-06
155	486733.18	3856243.15	2.87E-03	3.51E-03	3.09E-03	9.93E-07	3.00E-06	1.74E-06	2.13E-06	1.93E-06	8.79E-07	7.75E-07	3.32E-08	8.01E-07	1.77E-07	2.89E-07	4.58E-07	8.07E-08	4.07E-07	2.24E-06
156	486783.18	3856243.15	2.74E-03	3.36E-03	2.96E-03	9.50E-07	2.87E-06	1.66E-06	2.03E-06	1.84E-06	8.41E-07	7.41E-07	3.17E-08	7.66E-07	1.69E-07	2.76E-07	4.38E-07	7.72E-08	3.89E-07	2.15E-06
157	486533.18	3856293.15	3.95E-03	4.84E-03	4.27E-03	1.37E-06	4.14E-06	2.39E-06	2.93E-06	2.66E-06	1.21E-06	1.07E-06	4.57E-08	1.10E-06	2.44E-07	3.98E-07	6.32E-07	1.11E-07	5.61E-07	3.10E-06
158	486583.18	3856293.15	3.67E-03	4.50E-03	3.96E-03	1.27E-06	3.84E-06	2.22E-06	2.72E-06	2.47E-06	1.13E-06	9.93E-07	4.25E-08	1.03E-06	2.26E-07	3.70E-07	5.87E-07	1.03E-07	5.21E-07	2.88E-06

159	486633.18	3856293.15	3.44E-03	4.22E-03	3.72E-03	1.19E-06	3.60E-06	2.09E-06	2.56E-06	2.32E-06	1.06E-06	9.31E-07	3.99E-08	9.63E-07	2.12E-07	3.47E-07	5.50E-07	9.70E-08	4.89E-07	2.70E-06
160	486683.18	3856293.15	3.25E-03	3.99E-03	3.51E-03	1.13E-06	3.40E-06	1.97E-06	2.41E-06	2.19E-06	9.99E-07	8.80E-07	3.77E-08	9.09E-07	2.01E-07	3.28E-07	5.20E-07	9.16E-08	4.62E-07	2.55E-06
161	486733.18	3856293.15	3.10E-03	3.79E-03	3.34E-03	1.07E-06	3.24E-06	1.88E-06	2.30E-06	2.08E-06	9.50E-07	8.37E-07	3.58E-08	8.66E-07	1.91E-07	3.12E-07	4.95E-07	8.72E-08	4.39E-07	2.43E-06
162	486783.18	3856293.15	2.95E-03	3.61E-03	3.18E-03	1.02E-06	3.08E-06	1.78E-06	2.19E-06	1.98E-06	9.04E-07	7.96E-07	3.41E-08	8.23E-07	1.82E-07	2.97E-07	4.71E-07	8.30E-08	4.18E-07	2.31E-06
163	486783.18	3856343.15	3.19E-03	3.90E-03	3.44E-03	1.10E-06	3.33E-06	1.93E-06	2.36E-06	2.14E-06	9.78E-07	8.61E-07	3.69E-08	8.91E-07	1.97E-07	3.21E-07	5.09E-07	8.97E-08	4.52E-07	2.50E-06
164	486833.18	3856343.15	3.03E-03	3.71E-03	3.26E-03	1.05E-06	3.17E-06	1.83E-06	2.25E-06	2.04E-06	9.29E-07	8.18E-07	3.50E-08	8.46E-07	1.87E-07	3.05E-07	4.84E-07	8.52E-08	4.29E-07	2.37E-06
165	486883.18	3856343.15	2.88E-03	3.53E-03	3.11E-03	1.00E-06	3.02E-06	1.75E-06	2.14E-06	1.94E-06	8.85E-07	7.80E-07	3.34E-08	8.06E-07	1.78E-07	2.91E-07	4.61E-07	8.12E-08	4.09E-07	2.26E-06
166	486783.18	3856393.15	3.44E-03	4.22E-03	3.72E-03	1.19E-06	3.60E-06	2.09E-06	2.56E-06	2.32E-06	1.06E-06	9.31E-07	3.99E-08	9.63E-07	2.12E-07	3.47E-07	5.50E-07	9.70E-08	4.89E-07	2.70E-06
167	486833.18	3856393.15	3.25E-03	3.98E-03	3.51E-03	1.13E-06	3.40E-06	1.97E-06	2.41E-06	2.19E-06	9.98E-07	8.79E-07	3.76E-08	9.09E-07	2.01E-07	3.28E-07	5.20E-07	9.16E-08	4.62E-07	2.55E-06
168	486883.18	3856393.15	3.08E-03	3.77E-03	3.32E-03	1.07E-06	3.22E-06	1.86E-06	2.28E-06	2.07E-06	9.45E-07	8.32E-07	3.56E-08	8.61E-07	1.90E-07	3.10E-07	4.92E-07	8.67E-08	4.37E-07	2.41E-06
169	487208.74	3856886.11	4.15E-03	5.08E-03	4.47E-03	1.44E-06	4.34E-06	2.51E-06	3.08E-06	2.79E-06	1.27E-06	1.12E-06	4.80E-08	1.16E-06	2.56E-07	4.18E-07	6.62E-07	1.17E-07	5.88E-07	3.25E-06
170	487258.74	3856886.11	3.79E-03	4.65E-03	4.09E-03	1.31E-06	3.97E-06	2.30E-06	2.81E-06	2.55E-06	1.16E-06	1.02E-06	4.39E-08	1.06E-06	2.34E-07	3.82E-07	6.06E-07	1.07E-07	5.38E-07	2.97E-06
171	487308.74	3856886.11	3.49E-03	4.28E-03	3.77E-03	1.21E-06	3.66E-06	2.12E-06	2.59E-06	2.35E-06	1.07E-06	9.43E-07	4.04E-08	9.77E-07	2.16E-07	3.52E-07	5.58E-07	9.84E-08	4.95E-07	2.74E-06
172	487358.74	3856886.11	3.25E-03	3.98E-03	3.50E-03	1.12E-06	3.40E-06	1.97E-06	2.41E-06	2.18E-06	9.96E-07	8.76E-07	3.76E-08	9.07E-07	2.00E-07	3.27E-07	5.19E-07	9.14E-08	4.60E-07	2.54E-06
173	487208.74	3856936.11	4.42E-03	5.41E-03	4.76E-03	1.53E-06	4.62E-06	2.68E-06	3.28E-06	2.97E-06	1.36E-06	1.19E-06	5.11E-08	1.23E-06	2.72E-07	4.45E-07	7.06E-07	1.24E-07	6.26E-07	3.46E-06
174	487258.74	3856936.11	3.97E-03	4.86E-03	4.27E-03	1.37E-06	4.15E-06	2.40E-06	2.94E-06	2.67E-06	1.22E-06	1.07E-06	4.59E-08	1.11E-06	2.45E-07	3.99E-07	6.34E-07	1.12E-07	5.62E-07	3.11E-06
175	487308.74	3856936.11	3.61E-03	4.42E-03	3.89E-03	1.25E-06	3.78E-06	2.19E-06	2.68E-06	2.43E-06	1.11E-06	9.74E-07	4.18E-08	1.01E-06	2.23E-07	3.64E-07	5.77E-07	1.02E-07	5.11E-07	2.83E-06
176	487358.74	3856936.11	3.33E-03	4.08E-03	3.58E-03	1.15E-06	3.48E-06	2.02E-06	2.47E-06	2.24E-06	1.02E-06	8.98E-07	3.85E-08	9.31E-07	2.05E-07	3.35E-07	5.32E-07	9.38E-08	4.71E-07	2.61E-06
177	487208.74	3856986.11	4.44E-03	5.44E-03	4.78E-03	1.54E-06	4.64E-06	2.69E-06	3.29E-06	2.98E-06	1.36E-06	1.20E-06	5.14E-08	1.24E-06	2.74E-07	4.47E-07	7.09E-07	1.25E-07	6.28E-07	3.48E-06
178	487258.74	3856986.11	3.97E-03	4.86E-03	4.27E-03	1.38E-06	4.16E-06	2.41E-06	2.95E-06	2.67E-06	1.22E-06	1.07E-06	4.60E-08	1.11E-06	2.45E-07	4.00E-07	6.35E-07	1.12E-07	5.62E-07	3.11E-06
179	487308.74	3856986.11	3.63E-03	4.45E-03	3.90E-03	1.26E-06	3.80E-06	2.20E-06	2.69E-06	2.44E-06	1.11E-06	9.77E-07	4.20E-08	1.01E-06	2.24E-07	3.66E-07	5.80E-07	1.02E-07	5.13E-07	2.84E-06
180	487358.74	3856986.11	3.35E-03	4.10E-03	3.60E-03	1.16E-06	3.50E-06	2.03E-06	2.48E-06	2.25E-06	1.03E-06	9.01E-07	3.88E-08	9.36E-07	2.07E-07	3.37E-07	5.35E-07	9.43E-08	4.73E-07	2.62E-06
181	487208.74	3857036.11	4.25E-03	5.20E-03	4.56E-03	1.47E-06	4.45E-06	2.57E-06	3.15E-06	2.86E-06	1.30E-06	1.14E-06	4.92E-08	1.19E-06	2.62E-07	4.28E-07	6.79E-07	1.20E-07	5.99E-07	3.32E-06
182	487258.74	3857036.11	3.89E-03	4.77E-03	4.17E-03	1.35E-06	4.08E-06	2.36E-06	2.89E-06	2.62E-06	1.20E-06	1.05E-06	4.51E-08	1.09E-06	2.40E-07	3.92E-07	6.22E-07	1.10E-07	5.49E-07	3.05E-06
183	487308.74	3857036.11	3.60E-03	4.40E-03	3.85E-03	1.25E-06	3.76E-06	2.18E-06	2.67E-06	2.42E-06	1.10E-06	9.65E-07	4.16E-08	1.01E-06	2.22E-07	3.62E-07	5.75E-07	1.01E-07	5.06E-07	2.81E-06
184	487358.74	3857036.11	3.35E-03	4.10E-03	3.59E-03	1.16E-06	3.51E-06	2.03E-06	2.49E-06	2.25E-06	1.03E-06	8.99E-07	3.88E-08	9.37E-07	2.07E-07	3.37E-07	5.35E-07	9.44E-08	4.72E-07	2.62E-06
185	487427.14	3856878.23	2.94E-03	3.61E-03	3.17E-03	1.02E-06	3.08E-06	1.78E-06	2.18E-06	1.98E-06	9.03E-07	7.94E-07	3.41E-08	8.23E-07	1.82E-07	2.97E-07	4.70E-07	8.29E-08	4.17E-07	2.31E-06
186	487477.14	3856878.23	2.77E-03	3.39E-03	2.98E-03	9.61E-07	2.90E-06	1.68E-06	2.06E-06	1.86E-06	8.51E-07	7.47E-07	3.21E-08	7.75E-07	1.71E-07	2.79E-07	4.43E-07	7.81E-08	3.92E-07	2.17E-06
187	487527.14	3856878.23	2.62E-03	3.21E-03	2.82E-03	9.09E-07	2.74E-06	1.59E-06	1.95E-06	1.76E-06	8.05E-07	7.07E-07	3.03E-08	7.33E-07	1.62E-07	2.64E-07	4.19E-07	7.38E-08	3.71E-07	2.05E-06
188	487427.14	3856928.23	3.01E-03	3.69E-03	3.24E-03	1.04E-06	3.15E-06	1.82E-06	2.23E-06	2.03E-06	9.24E-07	8.12E-07	3.49E-08	8.42E-07	1.86E-07	3.03E-07	4.81E-07	8.48E-08	4.26E-07	2.36E-06
189	487477.14	3856928.23	2.83E-03	3.47E-03	3.04E-03	9.81E-07	2.96E-06	1.72E-06	2.10E-06	1.90E-06	8.69E-07	7.63E-07	3.28E-08	7.91E-07	1.75E-07	2.85E-07	4.52E-07	7.97E-08	4.00E-07	2.22E-06
190	487527.14	3856928.23	2.67E-03	3.27E-03	2.87E-03	9.26E-07	2.80E-06	1.62E-06	1.98E-06	1.80E-06	8.20E-07	7.20E-07	3.09E-08	7.47E-07	1.65E-07	2.69E-07	4.27E-07	7.53E-08	3.78E-07	2.09E-06
191	487577.14	3856928.23	2.53E-03	3.10E-03	2.72E-03	8.78E-07	2.65E-06	1.54E-06	1.88E-06	1.70E-06	7.78E-07	6.82E-07	2.93E-08	7.09E-07	1.56E-07	2.55E-07	4.05E-07	7.14E-08	3.58E-07	1.98E-06
192	487627.14	3856928.23	2.42E-03	2.96E-03	2.59E-03	8.37E-07	2.53E-06	1.46E-06	1.79E-06	1.62E-06	7.41E-07	6.50E-07	2.79E-08	6.75E-07	1.49E-07	2.43E-07	3.86E-07	6.80E-08	3.41E-07	1.89E-06
193	487677.14	3856928.23	2.31E-03	2.82E-03	2.47E-03	7.99E-07	2.41E-06	1.40E-06	1.71E-06	1.55E-06	7.07E-07	6.20E-07	2.67E-08	6.44E-07	1.42E-07	2.32E-07	3.68E-07	6.49E-08	3.25E-07	1.80E-06
194	487727.14	3856928.23	2.21E-03	2.70E-03	2.37E-03	7.64E-07	2.31E-06	1.34E-06	1.64E-06	1.48E-06	6.77E-07	5.93E-07	2.55E-08	6.16E-07	1.36E-07	2.22E-07	3.52E-07	6.21E-08	3.11E-07	1.73E-06
195	487777.14	3856928.23	2.12E-03	2.59E-03	2.27E-03	7.33E-07	2.21E-06	1.28E-06	1.57E-06	1.42E-06	6.49E-07	5.69E-07	2.45E-08	5.92E-07	1.31E-07	2.13E-07	3.38E-07	5.96E-08	2.98E-07	1.66E-06
196	487427.14	3856978.23	3.05E-03	3.73E-03	3.27E-03	1.06E-06	3.19E-06	1.85E-06	2.26E-06	2.05E-06	9.35E-07	8.20E-07	3.53E-08	8.52E-07	1.88E-07	3.07E-07	4.87E-07	8.58E-08	4.30E-07	2.39E-06
197	487477.14	3856978.23	2.87E-03	3.51E-03	3.07E-03	9.93E-07	3.00E-06	1.74E-06	2.13E-06	1.93E-06	8.79E-07	7.70E-07	3.32E-08	8.01E-07	1.77E-07	2.89E-07	4.58E-07	8.07E-08	4.04E-07	2.24E-06
198	487527.14	3856978.23	2.71E-03	3.32E-03	2.90E-03	9.38E-07	2.83E-06	1.64E-06	2.01E-06	1.82E-06	8.31E-07	7.28E-07	3.13E-08	7.57E-07	1.67E-07	2.73E-07	4.33E-07	7.62E-08	3.82E-07	2.12E-06
199	487577.14	3856978.23	2.57E-03	3.15E-03	2.76E-03	8.91E-07	2.69E-06	1.56E-06	1.91E-06	1.73E-06	7.89E-07	6.90E-07	2.97E-08	7.19E-07	1.59E-07	2.59E-07	4.11E-07	7.24E-08	3.62E-07	2.01E-06
200	487627.14	3856978.23	2.45E-03	3.00E-03	2.63E-03	8.49E-07	2.56E-06	1.48E-06	1.82E-06	1.65E-06	7.52E-07	6.58E-07	2.84E-08	6.85E-07	1.51E-07	2.47E-07	3.92E-07	6.90E-08	3.45E-07	1.92E-06
201	487677.14	3856978.23	2.34E-03	2.86E-03	2.51E-03	8.11E-07	2.45E-06	1.42E-06	1.74E-06	1.57E-06	7.18E-07	6.28E-07	2.71E-08	6.54E-07	1.44E-07	2.36E-07	3.74E-07	6.59E-08	3.29E-07	1.83E-06
202	487727.14	3856978.23	2.25E-03	2.75E-03	2.40E-03	7.78E-07	2.35E-06	1.36E-06	1.67E-06	1.51E-06	6.89E-07	6.03E-07	2.60E-08	6.28E-07	1.39E-07	2.26E-07	3.59E-07	6.32E-08	3.16E-07	1.76E-06
203	487777.14	3856978.23	2.15E-03	2.63E-03	2.30E-03	7.44E-07	2.25E-06	1.30E-06	1.59E-06	1.44E-06	6.59E-07	5.76E-07	2.48E-08	6.00E-07	1.32E-07	2.16E-07	3.43E-07	6.04E-08	3.02E-07	1.68E-06
204	487427.14	3857028.23	3.07E-03	3.76E-03	3.28E-03	1.06E-06	3.21E-06	1.86E-06	2.28E-06	2.06E-06	9.41E-07	8.23E-07	3.55E-08	8.57E-07	1.89E-07	3.09E-07	4.90E-07	8.64E-08	4.32E-07	2.40E-06
205	487477.14	3857028.23	2.89E-03	3.54E-03	3.10E-03	1.00E-06	3.03E-06	1.75E-06	2.15E-06	1.95E-06	8.88E-07	7.76E-07	3.35E-08	8.09E-07	1.79E-07	2.91E-07	4.62E-07	8.15E-08	4.07E-07	2.26E-06
206	487527.14	3857028.23	2.74E-03	3.36E-03	2.93E-03	9.51E-07	2.87E-06	1.66E-06	2.03E-06	1.84E-06	8.42E-07	7.35E-07	3.17E-08	7.67E-07	1.69E-07	2.76E-07	4.38E-07	7.72E-08	3.86E-07	2.15E-06
207	487577.14	3857028.23	2.61E-03	3.19E-03	2.79E-03	9.03E-07	2.73E-06	1.58E-06	1.93E-06	1.75E-06	8.00E-07	6.98E-07	3.02E-08	7.29E-07	1.61E-07	2.63E-07	4.17E-07	7.34E-08	3.66E-07	2.04E-06
208	487627.14	3857028.23	2.49E-03	3.05E-03	2.66E-03	8.63E-07	2.60E-06	1.51E-06	1.85E-06	1.67E-06	7.64E-07	6.67E-07	2.88E-08	6.96E-07	1.54E-07	2.51E-07	3.98E-07	7.01E-08	3.50E-07	1.95E-06
209	487677.14	3857028.23	2.38E-03	2.91E-03	2.54E-03	8.24E-07	2.49E-06	1.44E-06	1.76E-06	1.60E-06	7.30E-07	6.37E-07	2.75E-08	6.65E-07	1.47E-07	2.39E-07	3.80E-07	6.70E-08	3.34E-07	1.86E-06
210	487727.14	3857028.23	2.27E-03	2.78E-03	2.43E-03	7.88E-07	2.38E-06	1.38E-06	1.69E-06	1.53E-06	6.98E-07	6.09E-07	2.63E-08	6.36E-07	1.40E-07	2.29E-07	3.63E-07	6.40E-08	3.19E-07	1.78E-06
211	487777.14	3857028.23	2.18E-03	2.67E-03	2.33E-03	7.56E-07	2.28E-06	1.32E-06	1.62E-06	1.47E-06	6.69E-07	5.84E-07	2.52E-08	6.10E-07	1.35E-07	2.20E-07	3.49E-07	6.14E-08	3.06E-07	1.71E-06
212	487427.14	3857078.23	3.12E-03	3.82E-03	3.32E-03	1.08E-06	3.26E-06	1.89E-06	2.31E-06	2.10E-06	9.57E-07	8.33E-07	3.61E-08	8.72E-07	1.92E-07	3.14E-07	4.98E-07	8.78E-08	4.37E-07	2.44E-06
213	487477.14	3857078.23	2.95E-03	3.61E-03	3.14E-03	1.02E-06	3.09E-06	1.79E-06	2.19E-06	1.98E-06	9.05E-07	7.88E-07	3.41E-08	8.25E-07	1.82E-07	2.97E-07	4.71E-07	8.31E-08	4.13E-07	2.31E-06

214	487527.14	3857078.23	2.80E-03	3.42E-03	2.98E-03	9.69E-07	2.93E-06	1.69E-06	2.07E-06	1.88E-06	8.58E-07	7.47E-07	3.24E-08	7.82E-07	1.72E-07	2.82E-07	4.47E-07	7.87E-08	3.92E-07	2.19E-06
215	487577.14	3857078.23	2.66E-03	3.26E-03	2.83E-03	9.22E-07	2.78E-06	1.61E-06	1.97E-06	1.79E-06	8.16E-07	7.10E-07	3.08E-08	7.44E-07	1.64E-07	2.68E-07	4.25E-07	7.49E-08	3.73E-07	2.08E-06
216	487627.14	3857078.23	2.54E-03	3.11E-03	2.71E-03	8.80E-07	2.66E-06	1.54E-06	1.88E-06	1.71E-06	7.79E-07	6.78E-07	2.94E-08	7.10E-07	1.57E-07	2.56E-07	4.06E-07	7.15E-08	3.56E-07	1.98E-06
217	487677.14	3857078.23	2.43E-03	2.97E-03	2.58E-03	8.41E-07	2.54E-06	1.47E-06	1.80E-06	1.63E-06	7.44E-07	6.48E-07	2.81E-08	6.78E-07	1.50E-07	2.44E-07	3.88E-07	6.83E-08	3.40E-07	1.90E-06
218	487727.14	3857078.23	2.32E-03	2.84E-03	2.47E-03	8.04E-07	2.43E-06	1.41E-06	1.72E-06	1.56E-06	7.12E-07	6.19E-07	2.69E-08	6.49E-07	1.43E-07	2.34E-07	3.71E-07	6.53E-08	3.25E-07	1.81E-06
219	487777.14	3857078.23	2.23E-03	2.73E-03	2.37E-03	7.72E-07	2.33E-06	1.35E-06	1.65E-06	1.50E-06	6.83E-07	5.95E-07	2.58E-08	6.23E-07	1.37E-07	2.24E-07	3.56E-07	6.27E-08	3.12E-07	1.74E-06
220	487427.14	3857128.23	3.23E-03	3.96E-03	3.43E-03	1.12E-06	3.38E-06	1.96E-06	2.40E-06	2.17E-06	9.92E-07	8.59E-07	3.74E-08	9.04E-07	1.99E-07	3.26E-07	5.16E-07	9.10E-08	4.51E-07	2.52E-06
221	487477.14	3857128.23	3.05E-03	3.74E-03	3.24E-03	1.06E-06	3.19E-06	1.85E-06	2.26E-06	2.05E-06	9.36E-07	8.11E-07	3.53E-08	8.53E-07	1.88E-07	3.07E-07	4.88E-07	8.59E-08	4.26E-07	2.38E-06
222	487527.14	3857128.23	2.89E-03	3.54E-03	3.07E-03	1.00E-06	3.02E-06	1.75E-06	2.14E-06	1.94E-06	8.87E-07	7.69E-07	3.35E-08	8.08E-07	1.78E-07	2.91E-07	4.62E-07	8.14E-08	4.03E-07	2.26E-06
223	487577.14	3857128.23	2.74E-03	3.36E-03	2.91E-03	9.51E-07	2.87E-06	1.66E-06	2.03E-06	1.84E-06	8.42E-07	7.30E-07	3.17E-08	7.67E-07	1.69E-07	2.76E-07	4.38E-07	7.72E-08	3.83E-07	2.14E-06
224	487627.14	3857128.23	2.61E-03	3.20E-03	2.77E-03	9.04E-07	2.73E-06	1.58E-06	1.94E-06	1.76E-06	8.01E-07	6.95E-07	3.02E-08	7.30E-07	1.61E-07	2.63E-07	4.17E-07	7.35E-08	3.64E-07	2.04E-06
225	487677.14	3857128.23	2.49E-03	3.05E-03	2.65E-03	8.64E-07	2.61E-06	1.51E-06	1.85E-06	1.68E-06	7.65E-07	6.63E-07	2.88E-08	6.97E-07	1.54E-07	2.51E-07	3.98E-07	7.02E-08	3.48E-07	1.95E-06
226	487727.14	3857128.23	2.38E-03	2.91E-03	2.53E-03	8.24E-07	2.49E-06	1.44E-06	1.76E-06	1.60E-06	7.30E-07	6.33E-07	2.75E-08	6.65E-07	1.47E-07	2.40E-07	3.80E-07	6.70E-08	3.32E-07	1.86E-06
227	487777.14	3857128.23	2.28E-03	2.79E-03	2.42E-03	7.90E-07	2.39E-06	1.38E-06	1.69E-06	1.53E-06	7.00E-07	6.07E-07	2.64E-08	6.38E-07	1.41E-07	2.30E-07	3.64E-07	6.42E-08	3.19E-07	1.78E-06
228	488049.44	3856539.39	1.51E-03	1.85E-03	1.63E-03	5.24E-07	1.58E-06	9.16E-07	1.12E-06	1.02E-06	4.64E-07	4.08E-07	1.75E-08	4.23E-07	9.33E-08	1.52E-07	2.42E-07	4.26E-08	2.14E-07	1.18E-06
229	488099.44	3856539.39	1.47E-03	1.80E-03	1.59E-03	5.11E-07	1.54E-06	8.92E-07	1.09E-06	9.91E-07	4.52E-07	3.97E-07	1.70E-08	4.12E-07	9.09E-08	1.48E-07	2.35E-07	4.15E-08	2.09E-07	1.15E-06
230	488149.44	3856539.39	1.44E-03	1.76E-03	1.55E-03	4.98E-07	1.50E-06	8.70E-07	1.07E-06	9.66E-07	4.41E-07	3.87E-07	1.66E-08	4.01E-07	8.86E-08	1.45E-07	2.29E-07	4.04E-08	2.03E-07	1.12E-06
231	488049.44	3856589.39	1.55E-03	1.89E-03	1.66E-03	5.36E-07	1.62E-06	9.36E-07	1.15E-06	1.04E-06	4.74E-07	4.17E-07	1.79E-08	4.32E-07	9.53E-08	1.56E-07	2.47E-07	4.35E-08	2.19E-07	1.21E-06
232	488099.44	3856589.39	1.50E-03	1.84E-03	1.62E-03	5.21E-07	1.57E-06	9.11E-07	1.12E-06	1.01E-06	4.62E-07	4.06E-07	1.74E-08	4.21E-07	9.28E-08	1.52E-07	2.40E-07	4.24E-08	2.13E-07	1.18E-06
233	488149.44	3856589.39	1.47E-03	1.79E-03	1.58E-03	5.08E-07	1.53E-06	8.88E-07	1.09E-06	9.86E-07	4.50E-07	3.95E-07	1.70E-08	4.10E-07	9.04E-08	1.48E-07	2.34E-07	4.13E-08	2.07E-07	1.15E-06
234	488199.44	3856589.39	1.43E-03	1.75E-03	1.54E-03	4.95E-07	1.49E-06	8.65E-07	1.06E-06	9.61E-07	4.38E-07	3.85E-07	1.65E-08	3.99E-07	8.81E-08	1.44E-07	2.28E-07	4.02E-08	2.02E-07	1.12E-06
235	488249.44	3856589.39	1.39E-03	1.70E-03	1.50E-03	4.82E-07	1.46E-06	8.43E-07	1.03E-06	9.36E-07	4.27E-07	3.75E-07	1.61E-08	3.89E-07	8.58E-08	1.40E-07	2.22E-07	3.92E-08	1.97E-07	1.09E-06
236	488049.44	3856639.39	1.58E-03	1.93E-03	1.70E-03	5.47E-07	1.65E-06	9.56E-07	1.17E-06	1.06E-06	4.84E-07	4.26E-07	1.83E-08	4.41E-07	9.73E-08	1.59E-07	2.52E-07	4.44E-08	2.23E-07	1.24E-06
237	488099.44	3856639.39	1.54E-03	1.88E-03	1.65E-03	5.32E-07	1.61E-06	9.30E-07	1.14E-06	1.03E-06	4.71E-07	4.14E-07	1.78E-08	4.29E-07	9.47E-08	1.55E-07	2.45E-07	4.32E-08	2.17E-07	1.20E-06
238	488149.44	3856639.39	1.49E-03	1.83E-03	1.61E-03	5.18E-07	1.56E-06	9.05E-07	1.11E-06	1.00E-06	4.59E-07	4.03E-07	1.73E-08	4.18E-07	9.22E-08	1.51E-07	2.39E-07	4.21E-08	2.11E-07	1.17E-06
239	488199.44	3856639.39	1.45E-03	1.78E-03	1.56E-03	5.04E-07	1.52E-06	8.81E-07	1.08E-06	9.78E-07	4.46E-07	3.92E-07	1.68E-08	4.07E-07	8.97E-08	1.47E-07	2.32E-07	4.10E-08	2.06E-07	1.14E-06
240	488249.44	3856639.39	1.42E-03	1.74E-03	1.52E-03	4.91E-07	1.48E-06	8.59E-07	1.05E-06	9.53E-07	4.35E-07	3.82E-07	1.64E-08	3.96E-07	8.74E-08	1.43E-07	2.26E-07	3.99E-08	2.00E-07	1.11E-06
241	488299.44	3856639.39	1.38E-03	1.69E-03	1.49E-03	4.79E-07	1.45E-06	8.37E-07	1.02E-06	9.29E-07	4.24E-07	3.72E-07	1.60E-08	3.86E-07	8.52E-08	1.39E-07	2.21E-07	3.89E-08	1.95E-07	1.08E-06
242	488349.44	3856639.39	1.35E-03	1.65E-03	1.45E-03	4.67E-07	1.41E-06	8.17E-07	1.00E-06	9.07E-07	4.14E-07	3.63E-07	1.56E-08	3.77E-07	8.32E-08	1.36E-07	2.15E-07	3.80E-08	1.91E-07	1.06E-06
243	488399.44	3856639.39	1.32E-03	1.61E-03	1.41E-03	4.56E-07	1.38E-06	7.97E-07	9.76E-07	8.84E-07	4.04E-07	3.54E-07	1.52E-08	3.68E-07	8.11E-08	1.32E-07	2.10E-07	3.70E-08	1.86E-07	1.03E-06
244	488099.44	3856689.39	1.56E-03	1.92E-03	1.68E-03	5.42E-07	1.64E-06	9.47E-07	1.16E-06	1.05E-06	4.80E-07	4.21E-07	1.81E-08	4.37E-07	9.65E-08	1.58E-07	2.50E-07	4.40E-08	2.21E-07	1.22E-06
245	488149.44	3856689.39	1.52E-03	1.86E-03	1.64E-03	5.27E-07	1.59E-06	9.22E-07	1.13E-06	1.02E-06	4.67E-07	4.10E-07	1.76E-08	4.25E-07	9.39E-08	1.53E-07	2.43E-07	4.28E-08	2.15E-07	1.19E-06
246	488199.44	3856689.39	1.48E-03	1.81E-03	1.59E-03	5.13E-07	1.55E-06	8.97E-07	1.10E-06	9.95E-07	4.54E-07	3.99E-07	1.71E-08	4.14E-07	9.13E-08	1.49E-07	2.37E-07	4.17E-08	2.09E-07	1.16E-06
247	488249.44	3856689.39	1.44E-03	1.77E-03	1.55E-03	5.00E-07	1.51E-06	8.73E-07	1.07E-06	9.70E-07	4.42E-07	3.88E-07	1.67E-08	4.03E-07	8.89E-08	1.45E-07	2.30E-07	4.06E-08	2.04E-07	1.13E-06
248	488299.44	3856689.39	1.40E-03	1.72E-03	1.51E-03	4.87E-07	1.47E-06	8.51E-07	1.04E-06	9.44E-07	4.31E-07	3.78E-07	1.62E-08	3.93E-07	8.66E-08	1.41E-07	2.24E-07	3.95E-08	1.98E-07	1.10E-06
249	488349.44	3856689.39	1.37E-03	1.68E-03	1.47E-03	4.75E-07	1.43E-06	8.30E-07	1.02E-06	9.21E-07	4.20E-07	3.69E-07	1.58E-08	3.83E-07	8.45E-08	1.38E-07	2.19E-07	3.86E-08	1.93E-07	1.07E-06
250	488399.44	3856689.39	1.34E-03	1.64E-03	1.44E-03	4.63E-07	1.40E-06	8.10E-07	9.92E-07	8.99E-07	4.10E-07	3.60E-07	1.55E-08	3.74E-07	8.25E-08	1.35E-07	2.14E-07	3.77E-08	1.89E-07	1.05E-06
251	488099.44	3856739.39	1.59E-03	1.95E-03	1.71E-03	5.51E-07	1.66E-06	9.64E-07	1.18E-06	1.07E-06	4.88E-07	4.28E-07	1.84E-08	4.45E-07	9.81E-08	1.60E-07	2.54E-07	4.48E-08	2.25E-07	1.25E-06
252	488149.44	3856739.39	1.55E-03	1.90E-03	1.66E-03	5.36E-07	1.62E-06	9.37E-07	1.15E-06	1.04E-06	4.75E-07	4.17E-07	1.79E-08	4.33E-07	9.55E-08	1.56E-07	2.47E-07	4.36E-08	2.19E-07	1.21E-06
253	488199.44	3856739.39	1.50E-03	1.84E-03	1.62E-03	5.21E-07	1.57E-06	9.11E-07	1.12E-06	1.01E-06	4.61E-07	4.05E-07	1.74E-08	4.20E-07	9.28E-08	1.51E-07	2.40E-07	4.24E-08	2.12E-07	1.18E-06
254	488249.44	3856739.39	1.46E-03	1.79E-03	1.57E-03	5.07E-07	1.53E-06	8.87E-07	1.09E-06	9.85E-07	4.49E-07	3.94E-07	1.69E-08	4.09E-07	9.03E-08	1.47E-07	2.34E-07	4.12E-08	2.07E-07	1.15E-06
255	488299.44	3856739.39	1.43E-03	1.75E-03	1.53E-03	4.95E-07	1.49E-06	8.65E-07	1.06E-06	9.60E-07	4.38E-07	3.84E-07	1.65E-08	3.99E-07	8.81E-08	1.44E-07	2.28E-07	4.02E-08	2.02E-07	1.12E-06
256	488349.44	3856739.39	1.39E-03	1.70E-03	1.49E-03	4.82E-07	1.45E-06	8.42E-07	1.03E-06	9.35E-07	4.26E-07	3.74E-07	1.61E-08	3.88E-07	8.57E-08	1.40E-07	2.22E-07	3.91E-08	1.96E-07	1.09E-06
257	488399.44	3856739.39	1.35E-03	1.66E-03	1.45E-03	4.69E-07	1.42E-06	8.20E-07	1.00E-06	9.10E-07	4.15E-07	3.64E-07	1.57E-08	3.78E-07	8.35E-08	1.36E-07	2.16E-07	3.81E-08	1.91E-07	1.06E-06
258	487999.44	3856789.39	1.72E-03	2.11E-03	1.85E-03	5.97E-07	1.80E-06	1.04E-06	1.28E-06	1.16E-06	5.29E-07	4.64E-07	1.99E-08	4.81E-07	1.06E-07	1.73E-07	2.75E-07	4.85E-08	2.43E-07	1.35E-06
259	488049.44	3856789.39	1.67E-03	2.04E-03	1.79E-03	5.79E-07	1.75E-06	1.01E-06	1.24E-06	1.12E-06	5.12E-07	4.49E-07	1.93E-08	4.67E-07	1.03E-07	1.68E-07	2.67E-07	4.70E-08	2.36E-07	1.31E-06
260	488099.44	3856789.39	1.62E-03	1.98E-03	1.74E-03	5.61E-07	1.69E-06	9.80E-07	1.20E-06	1.09E-06	4.97E-07	4.35E-07	1.87E-08	4.52E-07	9.98E-08	1.63E-07	2.59E-07	4.56E-08	2.29E-07	1.27E-06
261	488149.44	3856789.39	1.57E-03	1.93E-03	1.69E-03	5.45E-07	1.65E-06	9.52E-07	1.17E-06	1.06E-06	4.82E-07	4.23E-07	1.82E-08	4.39E-07	9.70E-08	1.58E-07	2.51E-07	4.43E-08	2.22E-07	1.23E-06
262	488199.44	3856789.39	1.53E-03	1.87E-03	1.64E-03	5.29E-07	1.60E-06	9.25E-07	1.13E-06	1.03E-06	4.69E-07	4.11E-07	1.77E-08	4.27E-07	9.42E-08	1.54E-07	2.44E-07	4.30E-08	2.16E-07	1.20E-06
263	488249.44	3856789.39	1.49E-03	1.82E-03	1.60E-03	5.15E-07	1.56E-06	9.00E-07	1.10E-06	9.99E-07	4.56E-07	4.00E-07	1.72E-08	4.15E-07	9.17E-08	1.50E-07	2.37E-07	4.19E-08	2.10E-07	1.16E-06
264	488299.44	3856789.39	1.45E-03	1.77E-03	1.55E-03	5.02E-07	1.52E-06	8.77E-07	1.07E-06	9.74E-07	4.44E-07	3.89E-07	1.68E-08	4.05E-07	8.93E-08	1.46E-07	2.31E-07	4.08E-08	2.04E-07	1.13E-06
265	488349.44	3856789.39	1.41E-03	1.72E-03	1.51E-03	4.88E-07	1.47E-06	8.53E-07	1.04E-06	9.47E-07	4.32E-07	3.79E-07	1.63E-08	3.94E-07	8.69E-08	1.42E-07	2.25E-07	3.97E-08	1.99E-07	1.10E-06
266	488399.44	3856789.39	1.37E-03	1.68E-03	1.47E-03	4.75E-07	1.44E-06	8.31E-07	1.02E-06	9.22E-07	4.21E-07	3.69E-07	1.59E-08	3.83E-07	8.46E-08	1.38E-07	2.19E-07	3.86E-08	1.94E-07	1.07E-06
267	487949.44	3856839.39	1.81E-03	2.22E-03	1.94E-03	6.28E-07	1.89E-06	1.10E-06	1.34E-06	1.22E-06	5.56E-07	4.87E-07	2.10E-08	5.06E-07	1.12E-07	1.82E-07	2.89E-07	5.10E-08	2.56E-07	1.42E-06
268	487999.44	3856839.39	1.75E-03	2.15E-03	1.88E-03	6.07E-07	1.83E-06	1.06E-06	1.30E-06	1.18E-06	5.38E-07	4.71E-07	2.03E-08	4.90E-07	1.08E-07	1.76E-07	2.80E-07	4.93E-08	2.47E-07	1.37E-06

269	488049.44	3856839.39	1.70E-03	2.08E-03	1.82E-03	5.88E-07	1.78E-06	1.03E-06	1.26E-06	1.14E-06	5.21E-07	4.56E-07	1.96E-08	4.74E-07	1.05E-07	1.71E-07	2.71E-07	4.78E-08	2.39E-07	1.33E-06
270	488099.44	3856839.39	1.64E-03	2.01E-03	1.76E-03	5.70E-07	1.72E-06	9.96E-07	1.22E-06	1.11E-06	5.04E-07	4.42E-07	1.90E-08	4.60E-07	1.01E-07	1.66E-07	2.63E-07	4.63E-08	2.32E-07	1.29E-06
271	488149.44	3856839.39	1.59E-03	1.95E-03	1.71E-03	5.53E-07	1.67E-06	9.66E-07	1.18E-06	1.07E-06	4.89E-07	4.29E-07	1.85E-08	4.46E-07	9.84E-08	1.61E-07	2.55E-07	4.49E-08	2.25E-07	1.25E-06
272	488199.44	3856839.39	1.55E-03	1.90E-03	1.66E-03	5.37E-07	1.62E-06	9.38E-07	1.15E-06	1.04E-06	4.75E-07	4.16E-07	1.79E-08	4.33E-07	9.55E-08	1.56E-07	2.47E-07	4.36E-08	2.18E-07	1.21E-06
273	487949.44	3856889.39	1.84E-03	2.25E-03	1.97E-03	6.38E-07	1.93E-06	1.12E-06	1.37E-06	1.24E-06	5.65E-07	4.95E-07	2.13E-08	5.15E-07	1.14E-07	1.85E-07	2.94E-07	5.18E-08	2.60E-07	1.44E-06
274	487999.44	3856889.39	1.78E-03	2.18E-03	1.91E-03	6.16E-07	1.86E-06	1.08E-06	1.32E-06	1.20E-06	5.45E-07	4.78E-07	2.06E-08	4.97E-07	1.10E-07	1.79E-07	2.84E-07	5.01E-08	2.51E-07	1.39E-06
275	488049.44	3856889.39	1.72E-03	2.11E-03	1.85E-03	5.97E-07	1.80E-06	1.04E-06	1.28E-06	1.16E-06	5.29E-07	4.63E-07	1.99E-08	4.82E-07	1.06E-07	1.74E-07	2.75E-07	4.85E-08	2.43E-07	1.35E-06
276	488099.44	3856889.39	1.67E-03	2.04E-03	1.79E-03	5.78E-07	1.74E-06	1.01E-06	1.24E-06	1.12E-06	5.12E-07	4.48E-07	1.93E-08	4.66E-07	1.03E-07	1.68E-07	2.66E-07	4.70E-08	2.35E-07	1.30E-06
277	488635.86	3857895.05	1.15E-03	1.41E-03	1.24E-03	3.99E-07	1.21E-06	6.98E-07	8.55E-07	7.75E-07	3.54E-07	3.10E-07	1.33E-08	3.22E-07	7.11E-08	1.16E-07	1.84E-07	3.24E-08	1.63E-07	9.02E-07
278	489137.64	3857804.15	9.17E-04	1.12E-03	9.83E-04	3.18E-07	9.60E-07	5.56E-07	6.80E-07	6.17E-07	2.81E-07	2.46E-07	1.06E-08	2.56E-07	5.66E-08	9.24E-08	1.47E-07	2.58E-08	1.29E-07	7.18E-07
279	488617.32	3857859.41	1.19E-03	1.46E-03	1.27E-03	4.12E-07	1.24E-06	7.20E-07	8.82E-07	7.99E-07	3.65E-07	3.19E-07	1.38E-08	3.32E-07	7.33E-08	1.20E-07	1.90E-07	3.35E-08	1.68E-07	9.30E-07
280	488667.32	3857859.41	1.15E-03	1.41E-03	1.23E-03	3.99E-07	1.20E-06	6.97E-07	8.54E-07	7.74E-07	3.53E-07	3.09E-07	1.33E-08	3.22E-07	7.10E-08	1.16E-07	1.84E-07	3.24E-08	1.62E-07	9.01E-07
281	488717.32	3857859.41	1.12E-03	1.37E-03	1.20E-03	3.87E-07	1.17E-06	6.76E-07	8.28E-07	7.51E-07	3.43E-07	3.00E-07	1.29E-08	3.12E-07	6.89E-08	1.12E-07	1.78E-07	3.14E-08	1.57E-07	8.74E-07
282	488767.32	3857859.41	1.08E-03	1.33E-03	1.16E-03	3.75E-07	1.13E-06	6.56E-07	8.03E-07	7.28E-07	3.32E-07	2.91E-07	1.25E-08	3.03E-07	6.68E-08	1.09E-07	1.73E-07	3.05E-08	1.53E-07	8.47E-07
283	488617.32	3857909.41	1.16E-03	1.42E-03	1.24E-03	4.01E-07	1.21E-06	7.01E-07	8.59E-07	7.78E-07	3.55E-07	3.11E-07	1.34E-08	3.24E-07	7.14E-08	1.17E-07	1.85E-07	3.26E-08	1.63E-07	9.06E-07
284	488667.32	3857909.41	1.12E-03	1.37E-03	1.20E-03	3.88E-07	1.17E-06	6.79E-07	8.31E-07	7.53E-07	3.44E-07	3.01E-07	1.30E-08	3.13E-07	6.91E-08	1.13E-07	1.79E-07	3.15E-08	1.58E-07	8.77E-07
285	488717.32	3857909.41	1.09E-03	1.33E-03	1.17E-03	3.77E-07	1.14E-06	6.60E-07	8.08E-07	7.32E-07	3.34E-07	2.93E-07	1.26E-08	3.04E-07	6.72E-08	1.10E-07	1.74E-07	3.07E-08	1.54E-07	8.52E-07
286	488767.32	3857909.41	1.06E-03	1.29E-03	1.13E-03	3.66E-07	1.11E-06	6.41E-07	7.84E-07	7.11E-07	3.24E-07	2.84E-07	1.22E-08	2.96E-07	6.52E-08	1.06E-07	1.69E-07	2.98E-08	1.49E-07	8.27E-07
287	488417.32	3857959.41	1.30E-03	1.59E-03	1.39E-03	4.50E-07	1.36E-06	7.86E-07	9.62E-07	8.72E-07	3.98E-07	3.49E-07	1.50E-08	3.63E-07	8.00E-08	1.31E-07	2.07E-07	3.65E-08	1.83E-07	1.02E-06
288	488467.32	3857959.41	1.25E-03	1.53E-03	1.34E-03	4.33E-07	1.31E-06	7.57E-07	9.27E-07	8.40E-07	3.83E-07	3.36E-07	1.45E-08	3.49E-07	7.71E-08	1.26E-07	2.00E-07	3.52E-08	1.76E-07	9.78E-07
289	488517.32	3857959.41	1.21E-03	1.48E-03	1.30E-03	4.18E-07	1.26E-06	7.31E-07	8.95E-07	8.11E-07	3.70E-07	3.25E-07	1.40E-08	3.37E-07	7.44E-08	1.21E-07	1.93E-07	3.40E-08	1.70E-07	9.44E-07
290	488567.32	3857959.41	1.17E-03	1.43E-03	1.25E-03	4.04E-07	1.22E-06	7.07E-07	8.65E-07	7.84E-07	3.58E-07	3.14E-07	1.35E-08	3.26E-07	7.20E-08	1.17E-07	1.86E-07	3.28E-08	1.65E-07	9.13E-07
291	488617.32	3857959.41	1.13E-03	1.38E-03	1.21E-03	3.92E-07	1.18E-06	6.85E-07	8.38E-07	7.60E-07	3.47E-07	3.04E-07	1.31E-08	3.16E-07	6.97E-08	1.14E-07	1.81E-07	3.18E-08	1.60E-07	8.84E-07
292	488667.32	3857959.41	1.10E-03	1.34E-03	1.18E-03	3.80E-07	1.15E-06	6.64E-07	8.13E-07	7.37E-07	3.36E-07	2.95E-07	1.27E-08	3.06E-07	6.76E-08	1.10E-07	1.75E-07	3.09E-08	1.55E-07	8.58E-07
293	488717.32	3857959.41	1.06E-03	1.30E-03	1.14E-03	3.69E-07	1.11E-06	6.45E-07	7.89E-07	7.16E-07	3.27E-07	2.86E-07	1.23E-08	2.98E-07	6.56E-08	1.07E-07	1.70E-07	3.00E-08	1.50E-07	8.33E-07
294	488767.32	3857959.41	1.03E-03	1.27E-03	1.11E-03	3.59E-07	1.08E-06	6.27E-07	7.68E-07	6.96E-07	3.17E-07	2.78E-07	1.20E-08	2.89E-07	6.38E-08	1.04E-07	1.65E-07	2.91E-08	1.46E-07	8.10E-07
295	488417.32	3858009.41	1.27E-03	1.55E-03	1.36E-03	4.40E-07	1.33E-06	7.69E-07	9.41E-07	8.53E-07	3.89E-07	3.42E-07	1.47E-08	3.55E-07	7.83E-08	1.28E-07	2.03E-07	3.57E-08	1.79E-07	9.94E-07
296	488467.32	3858009.41	1.22E-03	1.50E-03	1.31E-03	4.24E-07	1.28E-06	7.42E-07	9.08E-07	8.23E-07	3.76E-07	3.29E-07	1.42E-08	3.42E-07	7.55E-08	1.23E-07	1.96E-07	3.45E-08	1.73E-07	9.58E-07
297	488517.32	3858009.41	1.18E-03	1.45E-03	1.27E-03	4.10E-07	1.24E-06	7.16E-07	8.77E-07	7.95E-07	3.63E-07	3.18E-07	1.37E-08	3.31E-07	7.29E-08	1.19E-07	1.89E-07	3.33E-08	1.67E-07	9.26E-07
298	488567.32	3858009.41	1.15E-03	1.40E-03	1.23E-03	3.97E-07	1.20E-06	6.94E-07	8.49E-07	7.70E-07	3.51E-07	3.08E-07	1.33E-08	3.20E-07	7.06E-08	1.15E-07	1.83E-07	3.22E-08	1.62E-07	8.96E-07
299	488617.32	3858009.41	1.11E-03	1.36E-03	1.19E-03	3.85E-07	1.16E-06	6.72E-07	8.23E-07	7.46E-07	3.40E-07	2.99E-07	1.28E-08	3.10E-07	6.85E-08	1.12E-07	1.77E-07	3.12E-08	1.57E-07	8.68E-07
300	488667.32	3858009.41	1.08E-03	1.32E-03	1.16E-03	3.73E-07	1.13E-06	6.52E-07	7.98E-07	7.24E-07	3.30E-07	2.89E-07	1.25E-08	3.01E-07	6.64E-08	1.08E-07	1.72E-07	3.03E-08	1.52E-07	8.42E-07
301	488717.32	3858009.41	1.05E-03	1.28E-03	1.12E-03	3.62E-07	1.09E-06	6.33E-07	7.75E-07	7.03E-07	3.21E-07	2.81E-07	1.21E-08	2.92E-07	6.45E-08	1.05E-07	1.67E-07	2.94E-08	1.48E-07	8.18E-07
302	488767.32	3858009.41	1.02E-03	1.24E-03	1.09E-03	3.52E-07	1.06E-06	6.16E-07	7.54E-07	6.84E-07	3.12E-07	2.73E-07	1.18E-08	2.84E-07	6.27E-08	1.02E-07	1.62E-07	2.86E-08	1.44E-07	7.96E-07
303	488417.32	3858059.41	1.26E-03	1.54E-03	1.35E-03	4.35E-07	1.31E-06	7.61E-07	9.32E-07	8.45E-07	3.85E-07	3.38E-07	1.45E-08	3.51E-07	7.75E-08	1.27E-07	2.01E-07	3.54E-08	1.78E-07	9.83E-07
304	488467.32	3858059.41	1.21E-03	1.48E-03	1.30E-03	4.20E-07	1.27E-06	7.34E-07	8.99E-07	8.15E-07	3.72E-07	3.26E-07	1.40E-08	3.39E-07	7.47E-08	1.22E-07	1.94E-07	3.41E-08	1.71E-07	9.48E-07
305	488517.32	3858059.41	1.17E-03	1.43E-03	1.26E-03	4.06E-07	1.22E-06	7.09E-07	8.68E-07	7.87E-07	3.59E-07	3.15E-07	1.35E-08	3.27E-07	7.22E-08	1.18E-07	1.87E-07	3.30E-08	1.65E-07	9.16E-07
306	488567.32	3858059.41	1.13E-03	1.39E-03	1.22E-03	3.93E-07	1.19E-06	6.86E-07	8.40E-07	7.62E-07	3.48E-07	3.05E-07	1.31E-08	3.17E-07	6.99E-08	1.14E-07	1.81E-07	3.19E-08	1.60E-07	8.87E-07
307	488617.32	3858059.41	1.10E-03	1.34E-03	1.18E-03	3.80E-07	1.15E-06	6.64E-07	8.14E-07	7.38E-07	3.37E-07	2.95E-07	1.27E-08	3.07E-07	6.77E-08	1.10E-07	1.75E-07	3.09E-08	1.55E-07	8.59E-07
308	488667.32	3858059.41	1.06E-03	1.30E-03	1.14E-03	3.69E-07	1.11E-06	6.44E-07	7.89E-07	7.15E-07	3.26E-07	2.86E-07	1.23E-08	2.97E-07	6.56E-08	1.07E-07	1.70E-07	3.00E-08	1.50E-07	8.33E-07
309	488417.32	3858109.41	1.26E-03	1.54E-03	1.35E-03	4.36E-07	1.32E-06	7.62E-07	9.33E-07	8.46E-07	3.86E-07	3.39E-07	1.46E-08	3.52E-07	7.76E-08	1.27E-07	2.01E-07	3.54E-08	1.78E-07	9.85E-07
310	488467.32	3858109.41	1.21E-03	1.48E-03	1.30E-03	4.20E-07	1.27E-06	7.34E-07	8.99E-07	8.15E-07	3.72E-07	3.27E-07	1.40E-08	3.39E-07	7.48E-08	1.22E-07	1.94E-07	3.41E-08	1.71E-07	9.49E-07
311	488517.32	3858109.41	1.17E-03	1.43E-03	1.26E-03	4.06E-07	1.23E-06	7.09E-07	8.69E-07	7.87E-07	3.59E-07	3.15E-07	1.36E-08	3.27E-07	7.22E-08	1.18E-07	1.87E-07	3.30E-08	1.66E-07	9.17E-07
312	488567.32	3858109.41	1.13E-03	1.38E-03	1.22E-03	3.92E-07	1.18E-06	6.85E-07	8.39E-07	7.60E-07	3.47E-07	3.05E-07	1.31E-08	3.16E-07	6.97E-08	1.14E-07	1.81E-07	3.18E-08	1.60E-07	8.85E-07
313	488617.32	3858109.41	1.09E-03	1.34E-03	1.18E-03	3.79E-07	1.14E-06	6.62E-07	8.11E-07	7.35E-07	3.35E-07	2.94E-07	1.27E-08	3.06E-07	6.74E-08	1.10E-07	1.75E-07	3.08E-08	1.55E-07	8.56E-07
314	488667.32	3858109.41	1.06E-03	1.30E-03	1.14E-03	3.67E-07	1.11E-06	6.41E-07	7.85E-07	7.11E-07	3.25E-07	2.85E-07	1.22E-08	2.96E-07	6.52E-08	1.07E-07	1.69E-07	2.98E-08	1.49E-07	8.28E-07
315	488769.93	3858449.27	1.18E-03	1.45E-03	1.27E-03	4.09E-07	1.24E-06	7.15E-07	8.76E-07	7.94E-07	3.62E-07	3.19E-07	1.37E-08	3.30E-07	7.28E-08	1.19E-07	1.89E-07	3.33E-08	1.67E-07	9.25E-07
316	488819.93	3858449.27	1.11E-03	1.36E-03	1.20E-03	3.86E-07	1.16E-06	6.74E-07	8.26E-07	7.49E-07	3.42E-07	3.01E-07	1.29E-08	3.11E-07	6.87E-08	1.12E-07	1.78E-07	3.14E-08	1.58E-07	8.72E-07
317	488819.93	3858499.27	1.18E-03	1.45E-03	1.28E-03	4.10E-07	1.24E-06	7.17E-07	8.79E-07	7.97E-07	3.64E-07	3.20E-07	1.37E-08	3.31E-07	7.31E-08	1.19E-07	1.89E-07	3.34E-08	1.68E-07	9.28E-07
318	488869.93	3858499.27	1.11E-03	1.36E-03	1.20E-03	3.86E-07	1.16E-06	6.74E-07	8.26E-07	7.49E-07	3.42E-07	3.01E-07	1.29E-08	3.11E-07	6.86E-08	1.12E-07	1.78E-07	3.14E-08	1.58E-07	8.72E-07
319	488869.93	3858549.27	1.19E-03	1.46E-03	1.28E-03	4.12E-07	1.24E-06	7.20E-07	8.83E-07	8.00E-07	3.65E-07	3.21E-07	1.38E-08	3.32E-07	7.34E-08	1.20E-07	1.90E-07	3.35E-08	1.69E-07	9.32E-07
320	489438.17	3859571.48	2.02E-04	2.47E-04	2.17E-04	6.99E-08	2.11E-07	1.22E-07	1.50E-07	1.36E-07	6.19E-08	5.43E-08	2.33E-09	5.63E-08	1.24E-08	2.03E-08	3.22E-08	5.68E-09	2.85E-08	1.58E-07
321	489488.17	3859571.48	2.01E-04	2.46E-04	2.16E-04	6.97E-08	2.10E-07	1.22E-07	1.49E-07	1.35E-07	6.17E-08	5.41E-08	2.33E-09	5.62E-08	1.24E-08	2.03E-08	3.21E-08	5.66E-09	2.84E-08	1.57E-07
322	489538.17	3859571.48	2.00E-04	2.45E-04	2.15E-04	6.94E-08	2.10E-07	1.21E-07	1.49E-07	1.35E-07	6.15E-08	5.39E-08	2.32E-09	5.60E-08	1.24E-08	2.02E-08	3.20E-08	5.64E-09	2.83E-08	1.57E-07
323	489588.17	3859571.48	1.99E-04	2.44E-04	2.14E-04	6.90E-08	2.08E-07	1.21E-07	1.48E-07	1.34E-07	6.11E-08	5.36E-08	2.30E-09	5.56E-08	1.23E-08	2.01E-08	3.18E-08	5.61E-09	2.81E-08	1.56E-07

324	489438.17	3859621.48	1.93E-04	2.36E-04	2.07E-04	6.68E-08	2.02E-07	1.17E-07	1.43E-07	1.30E-07	5.92E-08	5.19E-08	2.23E-09	5.39E-08	1.19E-08	1.94E-08	3.08E-08	5.43E-09	2.72E-08	1.51E-07
325	489488.17	3859621.48	1.93E-04	2.36E-04	2.07E-04	6.67E-08	2.01E-07	1.17E-07	1.43E-07	1.30E-07	5.91E-08	5.18E-08	2.23E-09	5.38E-08	1.19E-08	1.94E-08	3.08E-08	5.42E-09	2.72E-08	1.51E-07
326	489538.17	3859621.48	1.92E-04	2.35E-04	2.06E-04	6.66E-08	2.01E-07	1.16E-07	1.43E-07	1.29E-07	5.90E-08	5.17E-08	2.22E-09	5.37E-08	1.19E-08	1.94E-08	3.07E-08	5.41E-09	2.71E-08	1.50E-07
327	489588.17	3859621.48	1.92E-04	2.35E-04	2.06E-04	6.64E-08	2.01E-07	1.16E-07	1.42E-07	1.29E-07	5.88E-08	5.16E-08	2.22E-09	5.36E-08	1.18E-08	1.93E-08	3.06E-08	5.40E-09	2.71E-08	1.50E-07
328	489238.17	3859671.48	1.83E-04	2.24E-04	1.96E-04	6.33E-08	1.91E-07	1.11E-07	1.36E-07	1.23E-07	5.61E-08	4.92E-08	2.11E-09	5.11E-08	1.13E-08	1.84E-08	2.92E-08	5.15E-09	2.58E-08	1.43E-07
329	489288.17	3859671.48	1.83E-04	2.24E-04	1.97E-04	6.35E-08	1.92E-07	1.11E-07	1.36E-07	1.23E-07	5.62E-08	4.93E-08	2.12E-09	5.12E-08	1.13E-08	1.85E-08	2.93E-08	5.16E-09	2.59E-08	1.43E-07
330	489338.17	3859671.48	1.84E-04	2.25E-04	1.98E-04	6.37E-08	1.92E-07	1.11E-07	1.36E-07	1.24E-07	5.64E-08	4.95E-08	2.13E-09	5.14E-08	1.13E-08	1.85E-08	2.94E-08	5.18E-09	2.60E-08	1.44E-07
331	489388.17	3859671.48	1.85E-04	2.26E-04	1.98E-04	6.40E-08	1.93E-07	1.12E-07	1.37E-07	1.24E-07	5.66E-08	4.97E-08	2.14E-09	5.16E-08	1.14E-08	1.86E-08	2.95E-08	5.20E-09	2.61E-08	1.44E-07
332	489438.17	3859671.48	1.85E-04	2.26E-04	1.98E-04	6.40E-08	1.93E-07	1.12E-07	1.37E-07	1.24E-07	5.67E-08	4.97E-08	2.14E-09	5.16E-08	1.14E-08	1.86E-08	2.95E-08	5.20E-09	2.61E-08	1.45E-07
333	489488.17	3859671.48	1.85E-04	2.27E-04	1.99E-04	6.41E-08	1.94E-07	1.12E-07	1.37E-07	1.24E-07	5.68E-08	4.98E-08	2.14E-09	5.17E-08	1.14E-08	1.86E-08	2.96E-08	5.21E-09	2.61E-08	1.45E-07
334	489538.17	3859671.48	1.85E-04	2.26E-04	1.99E-04	6.41E-08	1.93E-07	1.12E-07	1.37E-07	1.24E-07	5.67E-08	4.98E-08	2.14E-09	5.17E-08	1.14E-08	1.86E-08	2.95E-08	5.21E-09	2.61E-08	1.45E-07
335	489588.17	3859671.48	1.85E-04	2.26E-04	1.98E-04	6.40E-08	1.93E-07	1.12E-07	1.37E-07	1.24E-07	5.67E-08	4.97E-08	2.14E-09	5.16E-08	1.14E-08	1.86E-08	2.95E-08	5.20E-09	2.61E-08	1.45E-07
336	489238.17	3859721.48	1.75E-04	2.14E-04	1.88E-04	6.06E-08	1.83E-07	1.06E-07	1.30E-07	1.18E-07	5.37E-08	4.71E-08	2.03E-09	4.89E-08	1.08E-08	1.76E-08	2.80E-08	4.93E-09	2.47E-08	1.37E-07
337	489288.17	3859721.48	1.76E-04	2.15E-04	1.89E-04	6.10E-08	1.84E-07	1.07E-07	1.31E-07	1.18E-07	5.40E-08	4.74E-08	2.04E-09	4.92E-08	1.09E-08	1.77E-08	2.81E-08	4.95E-09	2.49E-08	1.38E-07
338	489338.17	3859721.48	1.77E-04	2.16E-04	1.90E-04	6.12E-08	1.85E-07	1.07E-07	1.31E-07	1.19E-07	5.42E-08	4.75E-08	2.04E-09	4.93E-08	1.09E-08	1.78E-08	2.82E-08	4.97E-09	2.49E-08	1.38E-07
339	489388.17	3859721.48	1.77E-04	2.17E-04	1.90E-04	6.13E-08	1.85E-07	1.07E-07	1.31E-07	1.19E-07	5.43E-08	4.77E-08	2.05E-09	4.95E-08	1.09E-08	1.78E-08	2.83E-08	4.99E-09	2.50E-08	1.39E-07
340	489438.17	3859721.48	1.77E-04	2.17E-04	1.90E-04	6.14E-08	1.85E-07	1.07E-07	1.32E-07	1.19E-07	5.44E-08	4.77E-08	2.05E-09	4.96E-08	1.09E-08	1.79E-08	2.83E-08	4.99E-09	2.50E-08	1.39E-07
341	489488.17	3859721.48	1.78E-04	2.18E-04	1.91E-04	6.16E-08	1.86E-07	1.08E-07	1.32E-07	1.20E-07	5.46E-08	4.79E-08	2.06E-09	4.97E-08	1.10E-08	1.79E-08	2.84E-08	5.01E-09	2.51E-08	1.39E-07
342	489538.17	3859721.48	1.78E-04	2.18E-04	1.91E-04	6.17E-08	1.86E-07	1.08E-07	1.32E-07	1.20E-07	5.46E-08	4.79E-08	2.06E-09	4.97E-08	1.10E-08	1.79E-08	2.84E-08	5.01E-09	2.51E-08	1.39E-07
343	489588.17	3859721.48	1.78E-04	2.18E-04	1.91E-04	6.17E-08	1.86E-07	1.08E-07	1.32E-07	1.20E-07	5.46E-08	4.79E-08	2.06E-09	4.97E-08	1.10E-08	1.79E-08	2.84E-08	5.01E-09	2.51E-08	1.39E-07
344	489238.17	3859771.48	1.68E-04	2.06E-04	1.81E-04	5.82E-08	1.76E-07	1.02E-07	1.25E-07	1.13E-07	5.16E-08	4.52E-08	1.94E-09	4.70E-08	1.04E-08	1.69E-08	2.69E-08	4.73E-09	2.37E-08	1.32E-07
345	489288.17	3859771.48	1.69E-04	2.07E-04	1.81E-04	5.85E-08	1.77E-07	1.02E-07	1.25E-07	1.14E-07	5.18E-08	4.55E-08	1.95E-09	4.72E-08	1.04E-08	1.70E-08	2.70E-08	4.76E-09	2.39E-08	1.32E-07
346	489338.17	3859771.48	1.69E-04	2.07E-04	1.82E-04	5.87E-08	1.77E-07	1.03E-07	1.26E-07	1.14E-07	5.20E-08	4.56E-08	1.96E-09	4.74E-08	1.04E-08	1.71E-08	2.71E-08	4.77E-09	2.39E-08	1.33E-07
347	489388.17	3859771.48	1.70E-04	2.08E-04	1.83E-04	5.89E-08	1.78E-07	1.03E-07	1.26E-07	1.14E-07	5.22E-08	4.58E-08	1.97E-09	4.75E-08	1.05E-08	1.71E-08	2.72E-08	4.79E-09	2.40E-08	1.33E-07
348	489438.17	3859771.48	1.70E-04	2.09E-04	1.83E-04	5.90E-08	1.78E-07	1.03E-07	1.26E-07	1.15E-07	5.23E-08	4.58E-08	1.97E-09	4.76E-08	1.05E-08	1.72E-08	2.72E-08	4.80E-09	2.41E-08	1.33E-07
349	489488.17	3859771.48	1.71E-04	2.10E-04	1.84E-04	5.93E-08	1.79E-07	1.04E-07	1.27E-07	1.15E-07	5.25E-08	4.60E-08	1.98E-09	4.78E-08	1.06E-08	1.72E-08	2.73E-08	4.82E-09	2.42E-08	1.34E-07
350	489538.17	3859771.48	1.71E-04	2.10E-04	1.84E-04	5.94E-08	1.79E-07	1.04E-07	1.27E-07	1.15E-07	5.26E-08	4.62E-08	1.98E-09	4.79E-08	1.06E-08	1.73E-08	2.74E-08	4.83E-09	2.42E-08	1.34E-07
351	489588.17	3859771.48	1.72E-04	2.10E-04	1.84E-04	5.94E-08	1.79E-07	1.04E-07	1.27E-07	1.15E-07	5.26E-08	4.62E-08	1.98E-09	4.79E-08	1.06E-08	1.73E-08	2.74E-08	4.83E-09	2.42E-08	1.34E-07
352	489238.17	3859821.48	1.62E-04	1.98E-04	1.74E-04	5.60E-08	1.69E-07	9.78E-08	1.20E-07	1.09E-07	4.96E-08	4.35E-08	1.87E-09	4.52E-08	9.96E-09	1.63E-08	2.58E-08	4.55E-09	2.28E-08	1.26E-07
353	489288.17	3859821.48	1.62E-04	1.99E-04	1.74E-04	5.63E-08	1.70E-07	9.84E-08	1.20E-07	1.09E-07	4.98E-08	4.37E-08	1.88E-09	4.54E-08	1.00E-08	1.64E-08	2.60E-08	4.57E-09	2.29E-08	1.27E-07
354	489338.17	3859821.48	1.63E-04	2.00E-04	1.75E-04	5.65E-08	1.70E-07	9.87E-08	1.21E-07	1.10E-07	5.00E-08	4.39E-08	1.89E-09	4.55E-08	1.00E-08	1.64E-08	2.60E-08	4.59E-09	2.30E-08	1.28E-07
355	489388.17	3859821.48	1.63E-04	2.00E-04	1.76E-04	5.67E-08	1.71E-07	9.90E-08	1.21E-07	1.10E-07	5.02E-08	4.40E-08	1.89E-09	4.57E-08	1.01E-08	1.65E-08	2.61E-08	4.60E-09	2.31E-08	1.28E-07
356	489438.17	3859821.48	1.64E-04	2.01E-04	1.76E-04	5.69E-08	1.72E-07	9.95E-08	1.22E-07	1.10E-07	5.04E-08	4.42E-08	1.90E-09	4.59E-08	1.01E-08	1.65E-08	2.63E-08	4.63E-09	2.32E-08	1.29E-07
357	489488.17	3859821.48	1.65E-04	2.02E-04	1.77E-04	5.71E-08	1.73E-07	9.99E-08	1.22E-07	1.11E-07	5.06E-08	4.44E-08	1.91E-09	4.61E-08	1.02E-08	1.66E-08	2.63E-08	4.64E-09	2.33E-08	1.29E-07
358	489538.17	3859821.48	1.65E-04	2.03E-04	1.78E-04	5.73E-08	1.73E-07	1.00E-07	1.23E-07	1.11E-07	5.08E-08	4.45E-08	1.91E-09	4.62E-08	1.02E-08	1.67E-08	2.64E-08	4.66E-09	2.34E-08	1.29E-07
359	489588.17	3859821.48	1.66E-04	2.03E-04	1.78E-04	5.74E-08	1.73E-07	1.00E-07	1.23E-07	1.11E-07	5.08E-08	4.46E-08	1.92E-09	4.63E-08	1.02E-08	1.67E-08	2.65E-08	4.66E-09	2.34E-08	1.30E-07
360	489238.17	3859871.48	1.56E-04	1.91E-04	1.67E-04	5.39E-08	1.63E-07	9.43E-08	1.15E-07	1.05E-07	4.78E-08	4.19E-08	1.80E-09	4.35E-08	9.60E-09	1.57E-08	2.49E-08	4.38E-09	2.20E-08	1.22E-07
361	489288.17	3859871.48	1.56E-04	1.91E-04	1.68E-04	5.41E-08	1.63E-07	9.46E-08	1.16E-07	1.05E-07	4.80E-08	4.21E-08	1.81E-09	4.37E-08	9.64E-09	1.57E-08	2.50E-08	4.40E-09	2.21E-08	1.22E-07
362	489338.17	3859871.48	1.57E-04	1.92E-04	1.69E-04	5.44E-08	1.64E-07	9.50E-08	1.16E-07	1.06E-07	4.81E-08	4.22E-08	1.82E-09	4.38E-08	9.68E-09	1.58E-08	2.51E-08	4.42E-09	2.22E-08	1.23E-07
363	489388.17	3859871.48	1.58E-04	1.93E-04	1.69E-04	5.46E-08	1.65E-07	9.55E-08	1.17E-07	1.06E-07	4.84E-08	4.24E-08	1.82E-09	4.41E-08	9.73E-09	1.59E-08	2.52E-08	4.44E-09	2.23E-08	1.23E-07
364	489438.17	3859871.48	1.59E-04	1.94E-04	1.70E-04	5.50E-08	1.66E-07	9.61E-08	1.18E-07	1.07E-07	4.87E-08	4.27E-08	1.84E-09	4.44E-08	9.79E-09	1.60E-08	2.54E-08	4.47E-09	2.24E-08	1.24E-07
365	489488.17	3859871.48	1.60E-04	1.95E-04	1.71E-04	5.53E-08	1.67E-07	9.67E-08	1.18E-07	1.07E-07	4.90E-08	4.30E-08	1.85E-09	4.46E-08	9.84E-09	1.61E-08	2.55E-08	4.49E-09	2.25E-08	1.25E-07
366	489538.17	3859871.48	1.60E-04	1.96E-04	1.72E-04	5.54E-08	1.67E-07	9.68E-08	1.19E-07	1.07E-07	4.90E-08	4.30E-08	1.85E-09	4.47E-08	9.86E-09	1.61E-08	2.55E-08	4.50E-09	2.26E-08	1.25E-07
367	489588.17	3859871.48	1.60E-04	1.96E-04	1.72E-04	5.55E-08	1.67E-07	9.70E-08	1.19E-07	1.08E-07	4.91E-08	4.31E-08	1.85E-09	4.47E-08	9.87E-09	1.61E-08	2.56E-08	4.51E-09	2.26E-08	1.25E-07
368	489238.17	3859921.48	1.50E-04	1.84E-04	1.62E-04	5.21E-08	1.57E-07	9.11E-08	1.12E-07	1.01E-07	4.62E-08	4.05E-08	1.74E-09	4.20E-08	9.28E-09	1.51E-08	2.40E-08	4.24E-09	2.12E-08	1.18E-07
369	489288.17	3859921.48	1.51E-04	1.85E-04	1.62E-04	5.24E-08	1.58E-07	9.16E-08	1.12E-07	1.02E-07	4.64E-08	4.07E-08	1.75E-09	4.23E-08	9.32E-09	1.52E-08	2.42E-08	4.26E-09	2.14E-08	1.18E-07
370	489338.17	3859921.48	1.52E-04	1.86E-04	1.63E-04	5.26E-08	1.59E-07	9.19E-08	1.13E-07	1.02E-07	4.66E-08	4.08E-08	1.76E-09	4.24E-08	9.36E-09	1.53E-08	2.42E-08	4.27E-09	2.14E-08	1.19E-07
371	489388.17	3859921.48	1.53E-04	1.87E-04	1.64E-04	5.29E-08	1.60E-07	9.25E-08	1.13E-07	1.03E-07	4.68E-08	4.11E-08	1.77E-09	4.27E-08	9.41E-09	1.54E-08	2.44E-08	4.30E-09	2.16E-08	1.19E-07
372	489438.17	3859921.48	1.54E-04	1.88E-04	1.65E-04	5.33E-08	1.61E-07	9.31E-08	1.14E-07	1.03E-07	4.72E-08	4.14E-08	1.78E-09	4.30E-08	9.48E-09	1.55E-08	2.46E-08	4.33E-09	2.17E-08	1.20E-07
373	489488.17	3859921.48	1.54E-04	1.89E-04	1.66E-04	5.34E-08	1.61E-07	9.34E-08	1.14E-07	1.04E-07	4.73E-08	4.15E-08	1.78E-09	4.31E-08	9.51E-09	1.55E-08	2.46E-08	4.34E-09	2.18E-08	1.21E-07
374	489538.17	3859921.48	1.55E-04	1.89E-04	1.66E-04	5.36E-08	1.62E-07	9.36E-08	1.15E-07	1.04E-07	4.74E-08	4.16E-08	1.79E-09	4.32E-08	9.53E-09	1.56E-08	2.47E-08	4.35E-09	2.18E-08	1.21E-07
375	489588.17	3859921.48	1.55E-04	1.90E-04	1.67E-04	5.37E-08	1.62E-07	9.39E-08	1.15E-07	1.04E-07	4.76E-08	4.17E-08	1.79E-09	4.33E-08	9.56E-09	1.56E-08	2.48E-08	4.37E-09	2.19E-08	1.21E-07
376	489238.17	3859971.48	1.46E-04	1.78E-04	1.56E-04	5.05E-08	1.52E-07	8.82E-08	1.08E-07	9.79E-08	4.47E-08	3.92E-08	1.68E-09	4.07E-08	8.98E-09	1.47E-08	2.33E-08	4.10E-09	2.06E-08	1.14E-07
377	489288.17	3859971.48	1.46E-04	1.79E-04	1.57E-04	5.06E-08	1.53E-07	8.85E-08	1.08E-07	9.83E-08	4.48E-08	3.93E-08	1.69E-09	4.08E-08	9.01E-09	1.47E-08	2.33E-08	4.11E-09	2.06E-08	1.14E-07
378	489338.17	3859971.48	1.47E-04	1.80E-04	1.58E-04	5.09E-08	1.54E-07	8.89E-08	1.09E-07	9.88E-08	4.51E-08	3.95E-08	1.70E-09	4.10E-08	9.06E-09	1.48E-08	2.35E-08	4.14E-09	2.07E-08	1.15E-07

379	489388.17	3859971.48	1.48E-04	1.81E-04	1.59E-04	5.12E-08	1.55E-07	8.96E-08	1.10E-07	9.94E-08	4.54E-08	3.98E-08	1.71E-09	4.13E-08	9.12E-09	1.49E-08	2.36E-08	4.16E-09	2.09E-08	1.16E-07
380	489438.17	3859971.48	1.49E-04	1.82E-04	1.60E-04	5.16E-08	1.56E-07	9.02E-08	1.10E-07	1.00E-07	4.57E-08	4.01E-08	1.72E-09	4.16E-08	9.19E-09	1.50E-08	2.38E-08	4.19E-09	2.10E-08	1.17E-07
381	489488.17	3859971.48	1.50E-04	1.83E-04	1.61E-04	5.19E-08	1.57E-07	9.06E-08	1.11E-07	1.01E-07	4.59E-08	4.03E-08	1.73E-09	4.18E-08	9.23E-09	1.51E-08	2.39E-08	4.21E-09	2.11E-08	1.17E-07
382	489538.17	3859971.48	1.50E-04	1.84E-04	1.61E-04	5.20E-08	1.57E-07	9.09E-08	1.11E-07	1.01E-07	4.61E-08	4.04E-08	1.74E-09	4.20E-08	9.26E-09	1.51E-08	2.40E-08	4.23E-09	2.12E-08	1.17E-07
383	489588.17	3859971.48	1.50E-04	1.84E-04	1.62E-04	5.21E-08	1.57E-07	9.11E-08	1.12E-07	1.01E-07	4.62E-08	4.05E-08	1.74E-09	4.20E-08	9.28E-09	1.52E-08	2.40E-08	4.24E-09	2.12E-08	1.18E-07
384	483577.7	3854071	7.35E-04	9.01E-04	7.92E-04	2.55E-07	7.69E-07	4.45E-07	5.46E-07	4.95E-07	2.26E-07	1.98E-07	8.51E-09	2.05E-07	4.53E-08	7.41E-08	1.18E-07	2.07E-08	1.04E-07	5.76E-07
385	483627.7	3854071	7.06E-04	8.64E-04	7.60E-04	2.45E-07	7.38E-07	4.27E-07	5.24E-07	4.75E-07	2.17E-07	1.90E-07	8.16E-09	1.97E-07	4.35E-08	7.11E-08	1.13E-07	1.99E-08	9.99E-08	5.53E-07
386	483677.7	3854071	6.78E-04	8.31E-04	7.30E-04	2.35E-07	7.09E-07	4.11E-07	5.03E-07	4.56E-07	2.08E-07	1.83E-07	7.84E-09	1.89E-07	4.18E-08	6.83E-08	1.08E-07	1.91E-08	9.60E-08	5.31E-07
387	483727.7	3854071	6.53E-04	8.00E-04	7.03E-04	2.26E-07	6.83E-07	3.95E-07	4.85E-07	4.39E-07	2.00E-07	1.76E-07	7.56E-09	1.83E-07	4.03E-08	6.58E-08	1.04E-07	1.84E-08	9.25E-08	5.11E-07
388	483777.7	3854071	6.25E-04	7.66E-04	6.73E-04	2.17E-07	6.54E-07	3.79E-07	4.64E-07	4.20E-07	1.92E-07	1.69E-07	7.23E-09	1.75E-07	3.85E-08	6.30E-08	9.99E-08	1.76E-08	8.85E-08	4.89E-07
389	483577.7	3854121	7.77E-04	9.52E-04	8.37E-04	2.69E-07	8.13E-07	4.71E-07	5.77E-07	5.23E-07	2.39E-07	2.10E-07	8.99E-09	2.17E-07	4.79E-08	7.83E-08	1.24E-07	2.19E-08	1.10E-07	6.09E-07
390	483627.7	3854121	7.43E-04	9.10E-04	8.00E-04	2.57E-07	7.77E-07	4.50E-07	5.51E-07	5.00E-07	2.28E-07	2.00E-07	8.60E-09	2.08E-07	4.58E-08	7.49E-08	1.19E-07	2.09E-08	1.05E-07	5.82E-07
391	483677.7	3854121	7.10E-04	8.70E-04	7.64E-04	2.46E-07	7.43E-07	4.30E-07	5.27E-07	4.77E-07	2.18E-07	1.92E-07	8.21E-09	1.98E-07	4.38E-08	7.15E-08	1.13E-07	2.00E-08	1.01E-07	5.56E-07
392	483727.7	3854121	6.77E-04	8.30E-04	7.29E-04	2.35E-07	7.09E-07	4.10E-07	5.03E-07	4.56E-07	2.08E-07	1.83E-07	7.84E-09	1.89E-07	4.18E-08	6.82E-08	1.08E-07	1.91E-08	9.59E-08	5.30E-07
393	483777.7	3854121	6.52E-04	7.99E-04	7.02E-04	2.26E-07	6.82E-07	3.95E-07	4.84E-07	4.39E-07	2.00E-07	1.76E-07	7.55E-09	1.82E-07	4.02E-08	6.57E-08	1.04E-07	1.84E-08	9.24E-08	5.11E-07
394	483577.7	3854171	8.16E-04	1.00E-03	8.79E-04	2.83E-07	8.54E-07	4.94E-07	6.06E-07	5.49E-07	2.51E-07	2.20E-07	9.44E-09	2.28E-07	5.03E-08	8.22E-08	1.30E-07	2.30E-08	1.16E-07	6.39E-07
395	483627.7	3854171	7.74E-04	9.49E-04	8.34E-04	2.68E-07	8.10E-07	4.69E-07	5.75E-07	5.21E-07	2.38E-07	2.09E-07	8.96E-09	2.16E-07	4.78E-08	7.80E-08	1.24E-07	2.18E-08	1.10E-07	6.06E-07
396	483677.7	3854171	7.40E-04	9.06E-04	7.97E-04	2.56E-07	7.74E-07	4.48E-07	5.49E-07	4.98E-07	2.27E-07	2.00E-07	8.56E-09	2.07E-07	4.56E-08	7.45E-08	1.18E-07	2.08E-08	1.05E-07	5.79E-07
397	483727.7	3854171	7.11E-04	8.71E-04	7.65E-04	2.46E-07	7.44E-07	4.30E-07	5.27E-07	4.78E-07	2.18E-07	1.92E-07	8.22E-09	1.99E-07	4.38E-08	7.16E-08	1.14E-07	2.00E-08	1.01E-07	5.57E-07
398	483777.7	3854171	6.83E-04	8.37E-04	7.35E-04	2.37E-07	7.15E-07	4.14E-07	5.07E-07	4.60E-07	2.10E-07	1.84E-07	7.90E-09	1.91E-07	4.21E-08	6.88E-08	1.09E-07	1.92E-08	9.67E-08	5.35E-07
399	483827.7	3854171	6.49E-04	7.95E-04	6.99E-04	2.25E-07	6.79E-07	3.93E-07	4.82E-07	4.37E-07	1.99E-07	1.75E-07	7.51E-09	1.81E-07	4.00E-08	6.54E-08	1.04E-07	1.83E-08	9.19E-08	5.08E-07
400	483877.7	3854171	6.25E-04	7.65E-04	6.73E-04	2.17E-07	6.54E-07	3.78E-07	4.64E-07	4.20E-07	1.92E-07	1.69E-07	7.23E-09	1.75E-07	3.85E-08	6.30E-08	9.99E-08	1.76E-08	8.84E-08	4.89E-07
401	483727.7	3854221	7.52E-04	9.21E-04	8.09E-04	2.61E-07	7.87E-07	4.55E-07	5.58E-07	5.06E-07	2.31E-07	2.03E-07	8.70E-09	2.10E-07	4.64E-08	7.58E-08	1.20E-07	2.12E-08	1.06E-07	5.89E-07
402	483777.7	3854221	7.21E-04	8.83E-04	7.76E-04	2.50E-07	7.54E-07	4.37E-07	5.35E-07	4.85E-07	2.21E-07	1.94E-07	8.34E-09	2.01E-07	4.45E-08	7.26E-08	1.15E-07	2.03E-08	1.02E-07	5.64E-07
403	483827.7	3854221	7.04E-04	8.63E-04	7.58E-04	2.44E-07	7.37E-07	4.27E-07	5.23E-07	4.74E-07	2.16E-07	1.90E-07	8.15E-09	1.97E-07	4.34E-08	7.10E-08	1.13E-07	1.98E-08	9.97E-08	5.51E-07
404	483877.7	3854221	6.72E-04	8.23E-04	7.23E-04	2.33E-07	7.03E-07	4.07E-07	4.99E-07	4.52E-07	2.06E-07	1.81E-07	7.77E-09	1.88E-07	4.14E-08	6.77E-08	1.07E-07	1.89E-08	9.51E-08	5.26E-07
405	489150.19	3858726.45	9.97E-04	1.22E-03	1.07E-03	3.45E-07	1.04E-06	6.04E-07	7.40E-07	6.71E-07	3.06E-07	2.69E-07	1.15E-08	2.79E-07	6.15E-08	1.00E-07	1.59E-07	2.81E-08	1.41E-07	7.81E-07
406	489200.19	3858726.45	9.25E-04	1.13E-03	9.97E-04	3.20E-07	9.68E-07	5.60E-07	6.86E-07	6.22E-07	2.84E-07	2.50E-07	1.07E-08	2.58E-07	5.70E-08	9.32E-08	1.48E-07	2.61E-08	1.31E-07	7.24E-07
407	489150.19	3858776.45	1.01E-03	1.24E-03	1.09E-03	3.51E-07	1.06E-06	6.14E-07	7.53E-07	6.82E-07	3.11E-07	2.74E-07	1.17E-08	2.83E-07	6.25E-08	1.02E-07	1.62E-07	2.86E-08	1.44E-07	7.94E-07
408	489200.19	3858776.45	9.25E-04	1.13E-03	9.97E-04	3.20E-07	9.68E-07	5.60E-07	6.86E-07	6.22E-07	2.84E-07	2.50E-07	1.07E-08	2.58E-07	5.70E-08	9.32E-08	1.48E-07	2.61E-08	1.31E-07	7.24E-07
409	488919.6	3856400.76	9.86E-04	1.21E-03	1.06E-03	3.42E-07	1.03E-06	5.98E-07	7.32E-07	6.63E-07	3.03E-07	2.66E-07	1.14E-08	2.76E-07	6.08E-08	9.94E-08	1.58E-07	2.78E-08	1.39E-07	7.72E-07
410	488919.6	3856450.76	1.00E-03	1.23E-03	1.08E-03	3.47E-07	1.05E-06	6.06E-07	7.42E-07	6.73E-07	3.07E-07	2.70E-07	1.16E-08	2.80E-07	6.17E-08	1.01E-07	1.60E-07	2.82E-08	1.41E-07	7.83E-07
411	488969.6	3856450.76	9.83E-04	1.20E-03	1.06E-03	3.41E-07	1.03E-06	5.95E-07	7.29E-07	6.61E-07	3.02E-07	2.65E-07	1.14E-08	2.75E-07	6.06E-08	9.90E-08	1.57E-07	2.77E-08	1.39E-07	7.69E-07
412	488919.6	3856500.76	1.01E-03	1.24E-03	1.09E-03	3.52E-07	1.06E-06	6.15E-07	7.53E-07	6.82E-07	3.11E-07	2.73E-07	1.17E-08	2.84E-07	6.26E-08	1.02E-07	1.62E-07	2.86E-08	1.43E-07	7.94E-07
413	488969.6	3856500.76	9.96E-04	1.22E-03	1.07E-03	3.45E-07	1.04E-06	6.03E-07	7.39E-07	6.70E-07	3.06E-07	2.68E-07	1.15E-08	2.78E-07	6.14E-08	1.00E-07	1.59E-07	2.80E-08	1.41E-07	7.80E-07
414	488919.6	3856550.76	1.03E-03	1.26E-03	1.10E-03	3.56E-07	1.08E-06	6.23E-07	7.63E-07	6.91E-07	3.15E-07	2.77E-07	1.19E-08	2.87E-07	6.34E-08	1.04E-07	1.64E-07	2.89E-08	1.45E-07	8.05E-07
415	488969.6	3856550.76	1.01E-03	1.24E-03	1.08E-03	3.50E-07	1.06E-06	6.11E-07	7.48E-07	6.78E-07	3.09E-07	2.71E-07	1.17E-08	2.82E-07	6.22E-08	1.02E-07	1.61E-07	2.84E-08	1.42E-07	7.89E-07
416	488819.6	3856600.76	1.08E-03	1.33E-03	1.16E-03	3.75E-07	1.13E-06	6.56E-07	8.03E-07	7.28E-07	3.32E-07	2.91E-07	1.25E-08	3.03E-07	6.68E-08	1.09E-07	1.73E-07	3.05E-08	1.53E-07	8.48E-07
417	488869.6	3856600.76	1.06E-03	1.30E-03	1.14E-03	3.68E-07	1.11E-06	6.43E-07	7.88E-07	7.14E-07	3.26E-07	2.86E-07	1.23E-08	2.97E-07	6.55E-08	1.07E-07	1.70E-07	2.99E-08	1.50E-07	8.31E-07
418	488919.6	3856600.76	1.04E-03	1.27E-03	1.12E-03	3.61E-07	1.09E-06	6.30E-07	7.72E-07	7.00E-07	3.19E-07	2.80E-07	1.20E-08	2.91E-07	6.42E-08	1.05E-07	1.66E-07	2.93E-08	1.47E-07	8.14E-07
419	488819.6	3856650.76	1.10E-03	1.34E-03	1.18E-03	3.80E-07	1.15E-06	6.64E-07	8.13E-07	7.37E-07	3.36E-07	2.95E-07	1.27E-08	3.06E-07	6.76E-08	1.10E-07	1.75E-07	3.09E-08	1.55E-07	8.58E-07
420	488869.6	3856650.76	1.07E-03	1.32E-03	1.15E-03	3.72E-07	1.12E-06	6.51E-07	7.97E-07	7.22E-07	3.30E-07	2.89E-07	1.24E-08	3.00E-07	6.63E-08	1.08E-07	1.72E-07	3.02E-08	1.52E-07	8.41E-07
421	488819.6	3856700.76	1.11E-03	1.36E-03	1.19E-03	3.84E-07	1.16E-06	6.71E-07	8.22E-07	7.45E-07	3.40E-07	2.98E-07	1.28E-08	3.10E-07	6.84E-08	1.12E-07	1.77E-07	3.12E-08	1.56E-07	8.67E-07
422	488869.6	3856700.76	1.09E-03	1.33E-03	1.17E-03	3.76E-07	1.14E-06	6.58E-07	8.06E-07	7.30E-07	3.33E-07	2.92E-07	1.26E-08	3.04E-07	6.70E-08	1.09E-07	1.74E-07	3.06E-08	1.53E-07	8.50E-07
423	488819.6	3856750.76	1.12E-03	1.37E-03	1.20E-03	3.88E-07	1.17E-06	6.79E-07	8.31E-07	7.54E-07	3.44E-07	3.01E-07	1.30E-08	3.13E-07	6.91E-08	1.13E-07	1.79E-07	3.16E-08	1.58E-07	8.77E-07
424	488869.6	3856750.76	1.10E-03	1.34E-03	1.18E-03	3.80E-07	1.15E-06	6.65E-07	8.14E-07	7.38E-07	3.37E-07	2.95E-07	1.27E-08	3.07E-07	6.77E-08	1.11E-07	1.75E-07	3.09E-08	1.55E-07	8.58E-07
425	488819.6	3857050.76	1.18E-03	1.44E-03	1.26E-03	4.08E-07	1.23E-06	7.13E-07	8.73E-07	7.92E-07	3.61E-07	3.15E-07	1.36E-08	3.29E-07	7.26E-08	1.19E-07	1.88E-07	3.32E-08	1.65E-07	9.21E-07
426	488869.6	3857050.76	1.15E-03	1.41E-03	1.23E-03	3.99E-07	1.20E-06	6.97E-07	8.53E-07	7.73E-07	3.53E-07	3.08E-07	1.33E-08	3.21E-07	7.09E-08	1.16E-07	1.84E-07	3.24E-08	1.62E-07	8.99E-07
427	488919.6	3857050.76	1.12E-03	1.38E-03	1.20E-03	3.90E-07	1.18E-06	6.81E-07	8.34E-07	7.56E-07	3.45E-07	3.01E-07	1.30E-08	3.14E-07	6.93E-08	1.13E-07	1.80E-07	3.17E-08	1.58E-07	8.79E-07
428	488819.6	3857100.76	1.18E-03	1.45E-03	1.27E-03	4.10E-07	1.24E-06	7.17E-07	8.79E-07	7.96E-07	3.63E-07	3.17E-07	1.37E-08	3.31E-07	7.31E-08	1.19E-07	1.89E-07	3.33E-08	1.66E-07	9.26E-07
429	488869.6	3857100.76	1.16E-03	1.42E-03	1.24E-03	4.01E-07	1.21E-06	7.01E-07	8.58E-07	7.78E-07	3.55E-07	3.10E-07	1.34E-08	3.23E-07	7.13E-08	1.16E-07	1.85E-07	3.26E-08	1.63E-07	9.04E-07
430	488919.6	3857100.76	1.13E-03	1.38E-03	1.21E-03	3.91E-07	1.18E-06	6.84E-07	8.38E-07	7.60E-07	3.47E-07	3.02E-07	1.31E-08	3.16E-07	6.97E-08	1.14E-07	1.80E-07	3.18E-08	1.59E-07	8.83E-07
431	488819.6	3857150.76	1.19E-03	1.46E-03	1.27E-03	4.12E-07	1.25E-06	7.21E-07	8.83E-07	8.00E-07	3.65E-07	3.18E-07	1.38E-08	3.33E-07	7.34E-08	1.20E-07	1.90E-07	3.35E-08	1.67E-07	9.31E-07
432	488869.6	3857150.76	1.16E-03	1.42E-03	1.24E-03	4.02E-07	1.22E-06	7.03E-07	8.62E-07	7.81E-07	3.56E-07	3.11E-07	1.34E-08	3.25E-07	7.16E-08	1.17E-07	1.86E-07	3.27E-08	1.63E-07	9.08E-07
433	488919.6	3857150.76	1.13E-03	1.39E-03	1.21E-03	3.93E-07	1.19E-06	6.87E-07	8.41E-07	7.63E-07	3.48E-07	3.04E-07	1.31E-08	3.17E-07	7.00E-08	1.14E-07	1.81E-07	3.19E-08	1.59E-07	8.87E-07

434	488969.6	3857150.76	1.11E-03	1.36E-03	1.18E-03	3.84E-07	1.16E-06	6.71E-07	8.22E-07	7.45E-07	3.40E-07	2.97E-07	1.28E-08	3.10E-07	6.83E-08	1.12E-07	1.77E-07	3.12E-08	1.56E-07	8.66E-07
435	488819.6	3857200.76	1.19E-03	1.46E-03	1.28E-03	4.14E-07	1.25E-06	7.24E-07	8.86E-07	8.03E-07	3.67E-07	3.20E-07	1.38E-08	3.34E-07	7.37E-08	1.20E-07	1.91E-07	3.36E-08	1.68E-07	9.34E-07
436	488869.6	3857200.76	1.16E-03	1.43E-03	1.24E-03	4.04E-07	1.22E-06	7.06E-07	8.64E-07	7.83E-07	3.57E-07	3.12E-07	1.35E-08	3.26E-07	7.18E-08	1.17E-07	1.86E-07	3.28E-08	1.64E-07	9.11E-07
437	488919.6	3857200.76	1.14E-03	1.39E-03	1.21E-03	3.94E-07	1.19E-06	6.89E-07	8.43E-07	7.64E-07	3.49E-07	3.04E-07	1.32E-08	3.18E-07	7.01E-08	1.14E-07	1.82E-07	3.20E-08	1.60E-07	8.89E-07
438	488969.6	3857200.76	1.11E-03	1.36E-03	1.19E-03	3.85E-07	1.16E-06	6.73E-07	8.24E-07	7.47E-07	3.41E-07	2.97E-07	1.28E-08	3.10E-07	6.85E-08	1.12E-07	1.77E-07	3.13E-08	1.56E-07	8.68E-07
439	488819.6	3857250.76	1.20E-03	1.47E-03	1.28E-03	4.15E-07	1.25E-06	7.26E-07	8.89E-07	8.06E-07	3.68E-07	3.20E-07	1.39E-08	3.35E-07	7.39E-08	1.21E-07	1.91E-07	3.37E-08	1.68E-07	9.37E-07
440	488869.6	3857250.76	1.17E-03	1.43E-03	1.25E-03	4.05E-07	1.22E-06	7.07E-07	8.66E-07	7.85E-07	3.58E-07	3.12E-07	1.35E-08	3.26E-07	7.20E-08	1.18E-07	1.87E-07	3.29E-08	1.64E-07	9.13E-07
441	488919.6	3857250.76	1.14E-03	1.39E-03	1.22E-03	3.95E-07	1.19E-06	6.90E-07	8.45E-07	7.66E-07	3.49E-07	3.05E-07	1.32E-08	3.18E-07	7.02E-08	1.15E-07	1.82E-07	3.21E-08	1.60E-07	8.90E-07
442	488969.6	3857250.76	1.11E-03	1.36E-03	1.19E-03	3.85E-07	1.16E-06	6.73E-07	8.24E-07	7.47E-07	3.41E-07	2.97E-07	1.29E-08	3.11E-07	6.85E-08	1.12E-07	1.78E-07	3.13E-08	1.56E-07	8.69E-07
443	488819.6	3857300.76	1.20E-03	1.47E-03	1.28E-03	4.16E-07	1.25E-06	7.26E-07	8.89E-07	8.06E-07	3.68E-07	3.21E-07	1.39E-08	3.35E-07	7.40E-08	1.21E-07	1.92E-07	3.38E-08	1.68E-07	9.37E-07
444	488869.6	3857300.76	1.17E-03	1.43E-03	1.25E-03	4.05E-07	1.22E-06	7.08E-07	8.67E-07	7.85E-07	3.58E-07	3.12E-07	1.35E-08	3.27E-07	7.21E-08	1.18E-07	1.87E-07	3.29E-08	1.64E-07	9.13E-07
445	488919.6	3857300.76	1.14E-03	1.39E-03	1.22E-03	3.95E-07	1.19E-06	6.90E-07	8.44E-07	7.65E-07	3.49E-07	3.05E-07	1.32E-08	3.18E-07	7.02E-08	1.15E-07	1.82E-07	3.21E-08	1.60E-07	8.90E-07
446	488819.6	3857450.76	1.19E-03	1.46E-03	1.27E-03	4.13E-07	1.25E-06	7.22E-07	8.84E-07	8.01E-07	3.66E-07	3.19E-07	1.38E-08	3.33E-07	7.35E-08	1.20E-07	1.90E-07	3.36E-08	1.67E-07	9.32E-07
447	488869.6	3857450.76	1.16E-03	1.42E-03	1.24E-03	4.02E-07	1.21E-06	7.02E-07	8.60E-07	7.80E-07	3.56E-07	3.10E-07	1.34E-08	3.24E-07	7.15E-08	1.17E-07	1.85E-07	3.26E-08	1.63E-07	9.06E-07
448	488919.6	3857450.76	1.13E-03	1.38E-03	1.20E-03	3.91E-07	1.18E-06	6.83E-07	8.36E-07	7.58E-07	3.46E-07	3.02E-07	1.30E-08	3.15E-07	6.95E-08	1.14E-07	1.80E-07	3.17E-08	1.58E-07	8.81E-07
449	488819.6	3857500.76	1.19E-03	1.45E-03	1.27E-03	4.11E-07	1.24E-06	7.18E-07	8.80E-07	7.97E-07	3.64E-07	3.17E-07	1.37E-08	3.31E-07	7.31E-08	1.19E-07	1.89E-07	3.34E-08	1.67E-07	9.27E-07
450	488869.6	3857500.76	1.15E-03	1.41E-03	1.23E-03	3.99E-07	1.20E-06	6.98E-07	8.54E-07	7.74E-07	3.53E-07	3.08E-07	1.33E-08	3.22E-07	7.10E-08	1.16E-07	1.84E-07	3.24E-08	1.62E-07	9.00E-07
451	488919.6	3857500.76	1.12E-03	1.37E-03	1.20E-03	3.88E-07	1.17E-06	6.78E-07	8.30E-07	7.53E-07	3.43E-07	3.00E-07	1.30E-08	3.13E-07	6.90E-08	1.13E-07	1.79E-07	3.15E-08	1.57E-07	8.75E-07
452	488819.6	3857550.76	1.18E-03	1.44E-03	1.26E-03	4.08E-07	1.23E-06	7.12E-07	8.72E-07	7.91E-07	3.61E-07	3.15E-07	1.36E-08	3.29E-07	7.25E-08	1.18E-07	1.88E-07	3.31E-08	1.65E-07	9.20E-07
453	488869.6	3857550.76	1.14E-03	1.40E-03	1.22E-03	3.96E-07	1.19E-06	6.92E-07	8.47E-07	7.68E-07	3.50E-07	3.06E-07	1.32E-08	3.19E-07	7.04E-08	1.15E-07	1.82E-07	3.22E-08	1.61E-07	8.93E-07
454	488919.6	3857550.76	1.11E-03	1.36E-03	1.19E-03	3.84E-07	1.16E-06	6.72E-07	8.23E-07	7.46E-07	3.40E-07	2.97E-07	1.28E-08	3.10E-07	6.84E-08	1.12E-07	1.77E-07	3.12E-08	1.56E-07	8.67E-07
455	489663.71	3860900.05	8.61E-05	1.05E-04	9.25E-05	2.98E-08	9.01E-08	5.22E-08	6.39E-08	5.79E-08	2.64E-08	2.32E-08	9.97E-10	2.41E-08	5.31E-09	8.68E-09	1.38E-08	2.43E-09	1.22E-08	6.74E-08
456	489813.71	3860900.05	8.66E-05	1.06E-04	9.30E-05	3.00E-08	9.06E-08	5.25E-08	6.43E-08	5.82E-08	2.66E-08	2.33E-08	1.00E-09	2.42E-08	5.34E-09	8.72E-09	1.38E-08	2.44E-09	1.22E-08	6.78E-08
457	489863.71	3860900.05	8.67E-05	1.06E-04	9.31E-05	3.00E-08	9.07E-08	5.25E-08	6.43E-08	5.83E-08	2.66E-08	2.33E-08	1.00E-09	2.42E-08	5.35E-09	8.73E-09	1.38E-08	2.44E-09	1.22E-08	6.78E-08
458	489913.71	3860900.05	8.70E-05	1.07E-04	9.34E-05	3.01E-08	9.10E-08	5.27E-08	6.45E-08	5.85E-08	2.67E-08	2.34E-08	1.01E-09	2.43E-08	5.37E-09	8.76E-09	1.39E-08	2.45E-09	1.23E-08	6.81E-08
459	489963.71	3860900.05	8.71E-05	1.07E-04	9.35E-05	3.02E-08	9.11E-08	5.27E-08	6.46E-08	5.85E-08	2.67E-08	2.34E-08	1.01E-09	2.43E-08	5.37E-09	8.77E-09	1.39E-08	2.45E-09	1.23E-08	6.81E-08
460	490013.71	3860900.05	8.74E-05	1.07E-04	9.39E-05	3.03E-08	9.14E-08	5.29E-08	6.48E-08	5.88E-08	2.68E-08	2.35E-08	1.01E-09	2.44E-08	5.39E-09	8.80E-09	1.40E-08	2.46E-09	1.23E-08	6.84E-08
461	490063.71	3860900.05	8.76E-05	1.07E-04	9.41E-05	3.04E-08	9.17E-08	5.31E-08	6.50E-08	5.89E-08	2.69E-08	2.36E-08	1.01E-09	2.45E-08	5.40E-09	8.82E-09	1.40E-08	2.47E-09	1.24E-08	6.86E-08
462	489663.71	3860950.05	8.42E-05	1.03E-04	9.05E-05	2.92E-08	8.82E-08	5.10E-08	6.25E-08	5.67E-08	2.59E-08	2.27E-08	9.75E-10	2.35E-08	5.20E-09	8.49E-09	1.35E-08	2.37E-09	1.19E-08	6.59E-08
463	489813.71	3860950.05	8.47E-05	1.04E-04	9.10E-05	2.93E-08	8.86E-08	5.13E-08	6.28E-08	5.70E-08	2.60E-08	2.28E-08	9.80E-10	2.37E-08	5.22E-09	8.53E-09	1.35E-08	2.38E-09	1.20E-08	6.63E-08
464	489863.71	3860950.05	8.47E-05	1.04E-04	9.10E-05	2.93E-08	8.86E-08	5.13E-08	6.28E-08	5.70E-08	2.60E-08	2.28E-08	9.80E-10	2.37E-08	5.22E-09	8.53E-09	1.35E-08	2.38E-09	1.20E-08	6.63E-08
465	489913.71	3860950.05	8.49E-05	1.04E-04	9.12E-05	2.94E-08	8.89E-08	5.15E-08	6.30E-08	5.71E-08	2.61E-08	2.29E-08	9.83E-10	2.37E-08	5.24E-09	8.56E-09	1.36E-08	2.39E-09	1.20E-08	6.65E-08
466	489963.71	3860950.05	8.50E-05	1.04E-04	9.13E-05	2.95E-08	8.90E-08	5.15E-08	6.31E-08	5.72E-08	2.61E-08	2.29E-08	9.84E-10	2.38E-08	5.25E-09	8.57E-09	1.36E-08	2.40E-09	1.20E-08	6.66E-08
467	490013.71	3860950.05	8.53E-05	1.04E-04	9.16E-05	2.95E-08	8.92E-08	5.17E-08	6.33E-08	5.73E-08	2.62E-08	2.29E-08	9.87E-10	2.38E-08	5.26E-09	8.59E-09	1.36E-08	2.40E-09	1.20E-08	6.67E-08
468	490063.71	3860950.05	8.55E-05	1.05E-04	9.18E-05	2.96E-08	8.95E-08	5.18E-08	6.34E-08	5.75E-08	2.62E-08	2.30E-08	9.89E-10	2.39E-08	5.27E-09	8.61E-09	1.37E-08	2.41E-09	1.21E-08	6.69E-08
469	489513.71	3861000.05	8.23E-05	1.01E-04	8.84E-05	2.85E-08	8.61E-08	4.99E-08	6.11E-08	5.54E-08	2.53E-08	2.22E-08	9.53E-10	2.30E-08	5.08E-09	8.29E-09	1.32E-08	2.32E-09	1.16E-08	6.44E-08
470	489563.71	3861000.05	8.23E-05	1.01E-04	8.84E-05	2.85E-08	8.61E-08	4.99E-08	6.11E-08	5.54E-08	2.53E-08	2.22E-08	9.53E-10	2.30E-08	5.08E-09	8.29E-09	1.32E-08	2.32E-09	1.16E-08	6.44E-08
471	489613.71	3861000.05	8.24E-05	1.01E-04	8.85E-05	2.86E-08	8.63E-08	4.99E-08	6.12E-08	5.54E-08	2.53E-08	2.22E-08	9.54E-10	2.30E-08	5.08E-09	8.30E-09	1.32E-08	2.32E-09	1.16E-08	6.45E-08
472	489663.71	3861000.05	8.25E-05	1.01E-04	8.86E-05	2.86E-08	8.63E-08	5.00E-08	6.12E-08	5.55E-08	2.53E-08	2.22E-08	9.55E-10	2.31E-08	5.09E-09	8.31E-09	1.32E-08	2.32E-09	1.17E-08	6.46E-08
473	489713.71	3861000.05	8.25E-05	1.01E-04	8.86E-05	2.86E-08	8.63E-08	5.00E-08	6.12E-08	5.55E-08	2.53E-08	2.22E-08	9.55E-10	2.31E-08	5.09E-09	8.31E-09	1.32E-08	2.32E-09	1.17E-08	6.46E-08
474	489763.71	3861000.05	8.26E-05	1.01E-04	8.87E-05	2.86E-08	8.65E-08	5.00E-08	6.13E-08	5.56E-08	2.54E-08	2.22E-08	9.56E-10	2.31E-08	5.10E-09	8.32E-09	1.32E-08	2.33E-09	1.17E-08	6.47E-08
475	489813.71	3861000.05	8.29E-05	1.02E-04	8.90E-05	2.87E-08	8.67E-08	5.02E-08	6.15E-08	5.57E-08	2.54E-08	2.23E-08	9.59E-10	2.32E-08	5.11E-09	8.35E-09	1.32E-08	2.33E-09	1.17E-08	6.49E-08
476	489863.71	3861000.05	8.29E-05	1.02E-04	8.90E-05	2.87E-08	8.67E-08	5.02E-08	6.15E-08	5.57E-08	2.54E-08	2.23E-08	9.59E-10	2.32E-08	5.11E-09	8.35E-09	1.32E-08	2.33E-09	1.17E-08	6.49E-08
477	489913.71	3861000.05	8.31E-05	1.02E-04	8.92E-05	2.88E-08	8.70E-08	5.03E-08	6.16E-08	5.59E-08	2.55E-08	2.24E-08	9.62E-10	2.32E-08	5.13E-09	8.37E-09	1.33E-08	2.34E-09	1.17E-08	6.50E-08
478	489963.71	3861000.05	8.31E-05	1.02E-04	8.93E-05	2.88E-08	8.70E-08	5.04E-08	6.17E-08	5.59E-08	2.55E-08	2.24E-08	9.62E-10	2.32E-08	5.13E-09	8.37E-09	1.33E-08	2.34E-09	1.17E-08	6.51E-08
479	490013.71	3861000.05	8.33E-05	1.02E-04	8.95E-05	2.89E-08	8.72E-08	5.05E-08	6.18E-08	5.60E-08	2.56E-08	2.24E-08	9.64E-10	2.33E-08	5.14E-09	8.39E-09	1.33E-08	2.35E-09	1.18E-08	6.52E-08
480	490063.71	3861000.05	8.35E-05	1.02E-04	8.97E-05	2.89E-08	8.74E-08	5.06E-08	6.20E-08	5.62E-08	2.56E-08	2.25E-08	9.66E-10	2.33E-08	5.15E-09	8.41E-09	1.33E-08	2.35E-09	1.18E-08	6.54E-08
481	489513.71	3861050.05	8.07E-05	9.88E-05	8.67E-05	2.80E-08	8.44E-08	4.89E-08	5.99E-08	5.43E-08	2.48E-08	2.17E-08	9.34E-10	2.26E-08	4.98E-09	8.13E-09	1.29E-08	2.27E-09	1.14E-08	6.32E-08
482	489563.71	3861050.05	8.07E-05	9.88E-05	8.67E-05	2.80E-08	8.44E-08	4.89E-08	5.99E-08	5.43E-08	2.48E-08	2.17E-08	9.34E-10	2.26E-08	4.98E-09	8.13E-09	1.29E-08	2.27E-09	1.14E-08	6.32E-08
483	489613.71	3861050.05	8.09E-05	9.91E-05	8.69E-05	2.80E-08	8.46E-08	4.90E-08	6.00E-08	5.44E-08	2.48E-08	2.18E-08	9.36E-10	2.26E-08	4.99E-09	8.15E-09	1.29E-08	2.28E-09	1.14E-08	6.33E-08
484	489663.71	3861050.05	8.08E-05	9.90E-05	8.68E-05	2.80E-08	8.46E-08	4.89E-08	6.00E-08	5.43E-08	2.48E-08	2.17E-08	9.35E-10	2.26E-08	4.98E-09	8.14E-09	1.29E-08	2.28E-09	1.14E-08	6.32E-08
485	489713.71	3861050.05	8.08E-05	9.89E-05	8.68E-05	2.80E-08	8.45E-08	4.89E-08	5.99E-08	5.43E-08	2.48E-08	2.17E-08	9.35E-10	2.26E-08	4.98E-09	8.14E-09	1.29E-08	2.28E-09	1.14E-08	6.32E-08
486	489763.71	3861050.05	8.09E-05	9.91E-05	8.69E-05	2.80E-08	8.46E-08	4.90E-08	6.00E-08	5.44E-08	2.48E-08	2.18E-08	9.36E-10	2.26E-08	4.99E-09	8.15E-09	1.29E-08	2.28E-09	1.14E-08	6.33E-08
487	489813.71	3861050.05	8.10E-05	9.93E-05	8.70E-05	2.81E-08	8.48E-08	4.91E-08	6.01E-08	5.45E-08	2.49E-08	2.18E-08	9.38E-10	2.27E-08	5.00E-09	8.16E-09	1.30E-08	2.28E-09	1.14E-08	6.34E-08
488	489863.71	3861050.05	8.11E-05	9.93E-05	8.71E-05	2.81E-08	8.49E-08	4.91E-08	6.02E-08	5.45E-08	2.49E-08	2.18E-08	9.39E-10	2.27E-08	5.00E-09	8.17E-09	1.30E-08	2.28E-09	1.15E-08	6.35E-08

489	489913.71	3861050.05	8.12E-05	9.95E-05	8.72E-05	2.82E-08	8.50E-08	4.92E-08	6.03E-08	5.46E-08	2.49E-08	2.19E-08	9.40E-10	2.27E-08	5.01E-09	8.18E-09	1.30E-08	2.29E-09	1.15E-08	6.36E-08
490	489963.71	3861050.05	8.13E-05	9.96E-05	8.73E-05	2.82E-08	8.51E-08	4.93E-08	6.03E-08	5.47E-08	2.50E-08	2.19E-08	9.41E-10	2.27E-08	5.02E-09	8.19E-09	1.30E-08	2.29E-09	1.15E-08	6.37E-08
491	490013.71	3861050.05	8.16E-05	9.99E-05	8.76E-05	2.83E-08	8.54E-08	4.94E-08	6.05E-08	5.49E-08	2.50E-08	2.20E-08	9.44E-10	2.28E-08	5.03E-09	8.22E-09	1.30E-08	2.30E-09	1.15E-08	6.38E-08
492	490063.71	3861050.05	8.17E-05	1.00E-04	8.77E-05	2.83E-08	8.55E-08	4.95E-08	6.06E-08	5.49E-08	2.51E-08	2.20E-08	9.45E-10	2.28E-08	5.04E-09	8.23E-09	1.31E-08	2.30E-09	1.15E-08	6.39E-08
493	489513.71	3861100.05	7.93E-05	9.71E-05	8.52E-05	2.75E-08	8.30E-08	4.80E-08	5.88E-08	5.33E-08	2.43E-08	2.13E-08	9.18E-10	2.22E-08	4.89E-09	7.99E-09	1.27E-08	2.23E-09	1.12E-08	6.21E-08
494	489563.71	3861100.05	7.91E-05	9.69E-05	8.49E-05	2.74E-08	8.28E-08	4.79E-08	5.87E-08	5.32E-08	2.43E-08	2.13E-08	9.15E-10	2.21E-08	4.88E-09	7.97E-09	1.26E-08	2.23E-09	1.12E-08	6.19E-08
495	489613.71	3861100.05	7.89E-05	9.66E-05	8.47E-05	2.73E-08	8.26E-08	4.78E-08	5.85E-08	5.31E-08	2.42E-08	2.12E-08	9.13E-10	2.21E-08	4.87E-09	7.95E-09	1.26E-08	2.22E-09	1.11E-08	6.18E-08
496	489663.71	3861100.05	7.90E-05	9.67E-05	8.48E-05	2.74E-08	8.26E-08	4.78E-08	5.86E-08	5.31E-08	2.42E-08	2.12E-08	9.14E-10	2.21E-08	4.87E-09	7.95E-09	1.26E-08	2.22E-09	1.12E-08	6.18E-08
497	489713.71	3861100.05	7.90E-05	9.68E-05	8.49E-05	2.74E-08	8.27E-08	4.79E-08	5.86E-08	5.32E-08	2.43E-08	2.13E-08	9.15E-10	2.21E-08	4.88E-09	7.96E-09	1.26E-08	2.23E-09	1.12E-08	6.19E-08
498	489763.71	3861100.05	7.91E-05	9.69E-05	8.50E-05	2.74E-08	8.28E-08	4.79E-08	5.87E-08	5.32E-08	2.43E-08	2.13E-08	9.16E-10	2.21E-08	4.88E-09	7.97E-09	1.26E-08	2.23E-09	1.12E-08	6.19E-08
499	489813.71	3861100.05	7.93E-05	9.71E-05	8.51E-05	2.75E-08	8.30E-08	4.80E-08	5.88E-08	5.33E-08	2.43E-08	2.13E-08	9.17E-10	2.22E-08	4.89E-09	7.99E-09	1.27E-08	2.23E-09	1.12E-08	6.21E-08
500	489863.71	3861100.05	7.95E-05	9.74E-05	8.54E-05	2.75E-08	8.32E-08	4.82E-08	5.90E-08	5.35E-08	2.44E-08	2.14E-08	9.20E-10	2.22E-08	4.90E-09	8.01E-09	1.27E-08	2.24E-09	1.12E-08	6.22E-08
501	489913.71	3861100.05	7.95E-05	9.74E-05	8.54E-05	2.76E-08	8.32E-08	4.82E-08	5.90E-08	5.35E-08	2.44E-08	2.14E-08	9.20E-10	2.22E-08	4.90E-09	8.01E-09	1.27E-08	2.24E-09	1.12E-08	6.22E-08
502	489963.71	3861100.05	7.96E-05	9.75E-05	8.55E-05	2.76E-08	8.33E-08	4.82E-08	5.91E-08	5.35E-08	2.44E-08	2.14E-08	9.21E-10	2.23E-08	4.91E-09	8.02E-09	1.27E-08	2.24E-09	1.12E-08	6.23E-08
503	490013.71	3861100.05	7.97E-05	9.76E-05	8.56E-05	2.76E-08	8.34E-08	4.83E-08	5.91E-08	5.36E-08	2.44E-08	2.14E-08	9.22E-10	2.23E-08	4.91E-09	8.02E-09	1.27E-08	2.24E-09	1.13E-08	6.23E-08
504	490063.71	3861100.05	7.98E-05	9.77E-05	8.57E-05	2.77E-08	8.35E-08	4.83E-08	5.92E-08	5.37E-08	2.45E-08	2.15E-08	9.23E-10	2.23E-08	4.92E-09	8.04E-09	1.28E-08	2.25E-09	1.13E-08	6.25E-08
505	489713.71	3861150.05	7.74E-05	9.48E-05	8.31E-05	2.68E-08	8.10E-08	4.69E-08	5.74E-08	5.20E-08	2.37E-08	2.08E-08	8.96E-10	2.16E-08	4.77E-09	7.80E-09	1.24E-08	2.18E-09	1.09E-08	6.06E-08
506	489763.71	3861150.05	7.75E-05	9.49E-05	8.32E-05	2.69E-08	8.11E-08	4.70E-08	5.75E-08	5.21E-08	2.38E-08	2.09E-08	8.97E-10	2.17E-08	4.78E-09	7.81E-09	1.24E-08	2.18E-09	1.09E-08	6.07E-08
507	489813.71	3861150.05	7.76E-05	9.51E-05	8.34E-05	2.69E-08	8.12E-08	4.70E-08	5.76E-08	5.22E-08	2.38E-08	2.09E-08	8.99E-10	2.17E-08	4.79E-09	7.82E-09	1.24E-08	2.19E-09	1.10E-08	6.08E-08
508	489863.71	3861150.05	7.77E-05	9.52E-05	8.35E-05	2.69E-08	8.13E-08	4.71E-08	5.77E-08	5.23E-08	2.39E-08	2.09E-08	8.99E-10	2.17E-08	4.79E-09	7.83E-09	1.24E-08	2.19E-09	1.10E-08	6.08E-08
509	489913.71	3861150.05	7.78E-05	9.53E-05	8.36E-05	2.70E-08	8.14E-08	4.71E-08	5.77E-08	5.23E-08	2.39E-08	2.09E-08	9.00E-10	2.17E-08	4.80E-09	7.84E-09	1.24E-08	2.19E-09	1.10E-08	6.09E-08
510	489963.71	3861150.05	7.78E-05	9.53E-05	8.36E-05	2.70E-08	8.15E-08	4.72E-08	5.78E-08	5.24E-08	2.39E-08	2.09E-08	9.01E-10	2.18E-08	4.80E-09	7.84E-09	1.24E-08	2.19E-09	1.10E-08	6.09E-08
511	490013.71	3861150.05	7.79E-05	9.54E-05	8.37E-05	2.70E-08	8.15E-08	4.72E-08	5.78E-08	5.24E-08	2.39E-08	2.10E-08	9.02E-10	2.18E-08	4.81E-09	7.85E-09	1.24E-08	2.19E-09	1.10E-08	6.10E-08
512	490063.71	3861150.05	7.81E-05	9.56E-05	8.38E-05	2.71E-08	8.17E-08	4.73E-08	5.79E-08	5.25E-08	2.40E-08	2.10E-08	9.03E-10	2.18E-08	4.82E-09	7.86E-09	1.25E-08	2.20E-09	1.10E-08	6.11E-08
513	489613.71	3861200.05	7.56E-05	9.26E-05	8.12E-05	2.62E-08	7.91E-08	4.58E-08	5.61E-08	5.09E-08	2.32E-08	2.03E-08	8.75E-10	2.11E-08	4.66E-09	7.62E-09	1.21E-08	2.13E-09	1.07E-08	5.92E-08
514	489663.71	3861200.05	7.57E-05	9.27E-05	8.13E-05	2.62E-08	7.92E-08	4.59E-08	5.62E-08	5.09E-08	2.32E-08	2.04E-08	8.76E-10	2.12E-08	4.67E-09	7.63E-09	1.21E-08	2.13E-09	1.07E-08	5.93E-08
515	489713.71	3861200.05	7.58E-05	9.29E-05	8.14E-05	2.63E-08	7.93E-08	4.59E-08	5.63E-08	5.10E-08	2.33E-08	2.04E-08	8.77E-10	2.12E-08	4.68E-09	7.64E-09	1.21E-08	2.14E-09	1.07E-08	5.93E-08
516	489763.71	3861200.05	7.59E-05	9.30E-05	8.15E-05	2.63E-08	7.94E-08	4.60E-08	5.63E-08	5.11E-08	2.33E-08	2.04E-08	8.79E-10	2.12E-08	4.68E-09	7.65E-09	1.21E-08	2.14E-09	1.07E-08	5.94E-08
517	489813.71	3861200.05	7.61E-05	9.32E-05	8.17E-05	2.64E-08	7.96E-08	4.61E-08	5.64E-08	5.12E-08	2.33E-08	2.05E-08	8.80E-10	2.13E-08	4.69E-09	7.66E-09	1.22E-08	2.14E-09	1.07E-08	5.95E-08
518	489863.71	3861200.05	7.62E-05	9.33E-05	8.19E-05	2.64E-08	7.97E-08	4.62E-08	5.65E-08	5.13E-08	2.34E-08	2.05E-08	8.82E-10	2.13E-08	4.70E-09	7.68E-09	1.22E-08	2.15E-09	1.08E-08	5.97E-08
519	489913.71	3861200.05	7.63E-05	9.34E-05	8.19E-05	2.64E-08	7.98E-08	4.62E-08	5.66E-08	5.13E-08	2.34E-08	2.05E-08	8.82E-10	2.13E-08	4.70E-09	7.68E-09	1.22E-08	2.15E-09	1.08E-08	5.97E-08
520	489963.71	3861200.05	7.63E-05	9.34E-05	8.19E-05	2.64E-08	7.98E-08	4.62E-08	5.66E-08	5.13E-08	2.34E-08	2.05E-08	8.83E-10	2.13E-08	4.70E-09	7.68E-09	1.22E-08	2.15E-09	1.08E-08	5.97E-08
521	490013.71	3861200.05	7.64E-05	9.35E-05	8.20E-05	2.65E-08	7.99E-08	4.63E-08	5.66E-08	5.14E-08	2.34E-08	2.05E-08	8.84E-10	2.13E-08	4.71E-09	7.69E-09	1.22E-08	2.15E-09	1.08E-08	5.98E-08
522	490063.71	3861200.05	7.64E-05	9.36E-05	8.21E-05	2.65E-08	8.00E-08	4.63E-08	5.67E-08	5.14E-08	2.34E-08	2.06E-08	8.84E-10	2.14E-08	4.71E-09	7.70E-09	1.22E-08	2.15E-09	1.08E-08	5.98E-08
523	489513.71	3861250.05	7.39E-05	9.05E-05	7.94E-05	2.56E-08	7.73E-08	4.48E-08	5.48E-08	4.97E-08	2.27E-08	1.99E-08	8.55E-10	2.07E-08	4.56E-09	7.44E-09	1.18E-08	2.08E-09	1.04E-08	5.78E-08
524	489563.71	3861250.05	7.41E-05	9.07E-05	7.96E-05	2.57E-08	7.75E-08	4.49E-08	5.50E-08	4.98E-08	2.27E-08	1.99E-08	8.57E-10	2.07E-08	4.57E-09	7.46E-09	1.18E-08	2.09E-09	1.05E-08	5.80E-08
525	489613.71	3861250.05	7.42E-05	9.08E-05	7.97E-05	2.57E-08	7.76E-08	4.49E-08	5.50E-08	4.99E-08	2.28E-08	2.00E-08	8.58E-10	2.07E-08	4.58E-09	7.47E-09	1.19E-08	2.09E-09	1.05E-08	5.81E-08
526	489663.71	3861250.05	7.42E-05	9.09E-05	7.97E-05	2.57E-08	7.77E-08	4.50E-08	5.51E-08	4.99E-08	2.28E-08	2.00E-08	8.59E-10	2.08E-08	4.58E-09	7.48E-09	1.19E-08	2.09E-09	1.05E-08	5.81E-08
527	489713.71	3861250.05	7.43E-05	9.10E-05	7.98E-05	2.58E-08	7.78E-08	4.50E-08	5.51E-08	5.00E-08	2.28E-08	2.00E-08	8.60E-10	2.08E-08	4.58E-09	7.49E-09	1.19E-08	2.09E-09	1.05E-08	5.82E-08
528	489763.71	3861250.05	7.44E-05	9.12E-05	7.99E-05	2.58E-08	7.79E-08	4.51E-08	5.52E-08	5.01E-08	2.28E-08	2.00E-08	8.61E-10	2.08E-08	4.59E-09	7.50E-09	1.19E-08	2.10E-09	1.05E-08	5.83E-08
529	489813.71	3861250.05	7.45E-05	9.13E-05	8.00E-05	2.58E-08	7.80E-08	4.51E-08	5.53E-08	5.01E-08	2.29E-08	2.01E-08	8.62E-10	2.08E-08	4.60E-09	7.51E-09	1.19E-08	2.10E-09	1.05E-08	5.83E-08
530	489863.71	3861250.05	7.46E-05	9.14E-05	8.01E-05	2.59E-08	7.81E-08	4.52E-08	5.54E-08	5.02E-08	2.29E-08	2.01E-08	8.64E-10	2.09E-08	4.60E-09	7.52E-09	1.19E-08	2.10E-09	1.05E-08	5.84E-08
531	489913.71	3861250.05	7.47E-05	9.15E-05	8.03E-05	2.59E-08	7.82E-08	4.53E-08	5.55E-08	5.03E-08	2.29E-08	2.01E-08	8.65E-10	2.09E-08	4.61E-09	7.53E-09	1.19E-08	2.10E-09	1.06E-08	5.85E-08
532	489963.71	3861250.05	7.48E-05	9.16E-05	8.04E-05	2.59E-08	7.83E-08	4.53E-08	5.55E-08	5.03E-08	2.30E-08	2.01E-08	8.66E-10	2.09E-08	4.62E-09	7.54E-09	1.20E-08	2.11E-09	1.06E-08	5.86E-08
533	490013.71	3861250.05	7.49E-05	9.17E-05	8.04E-05	2.59E-08	7.84E-08	4.54E-08	5.56E-08	5.04E-08	2.30E-08	2.01E-08	8.67E-10	2.09E-08	4.62E-09	7.54E-09	1.20E-08	2.11E-09	1.06E-08	5.86E-08
534	490063.71	3861250.05	7.49E-05	9.17E-05	8.04E-05	2.59E-08	7.83E-08	4.53E-08	5.55E-08	5.03E-08	2.30E-08	2.01E-08	8.66E-10	2.09E-08	4.62E-09	7.54E-09	1.20E-08	2.11E-09	1.06E-08	5.86E-08
535	489528.13	3861308.47	7.22E-05	8.84E-05	7.76E-05	2.50E-08	7.56E-08	4.37E-08	5.36E-08	4.86E-08	2.22E-08	1.94E-08	8.36E-10	2.02E-08	4.45E-09	7.27E-09	1.15E-08	2.03E-09	1.02E-08	5.65E-08
536	489578.13	3861308.47	7.23E-05	8.86E-05	7.77E-05	2.51E-08	7.57E-08	4.38E-08	5.37E-08	4.87E-08	2.22E-08	1.95E-08	8.37E-10	2.02E-08	4.46E-09	7.29E-09	1.16E-08	2.04E-09	1.02E-08	5.66E-08
537	489628.13	3861308.47	7.24E-05	8.87E-05	7.78E-05	2.51E-08	7.58E-08	4.39E-08	5.37E-08	4.87E-08	2.22E-08	1.95E-08	8.38E-10	2.03E-08	4.47E-09	7.30E-09	1.16E-08	2.04E-09	1.02E-08	5.67E-08
538	489678.13	3861308.47	7.26E-05	8.89E-05	7.79E-05	2.51E-08	7.59E-08	4.40E-08	5.38E-08	4.88E-08	2.23E-08	1.95E-08	8.40E-10	2.03E-08	4.48E-09	7.31E-09	1.16E-08	2.04E-09	1.02E-08	5.68E-08
539	489728.13	3861308.47	7.27E-05	8.90E-05	7.81E-05	2.52E-08	7.60E-08	4.40E-08	5.39E-08	4.89E-08	2.23E-08	1.96E-08	8.41E-10	2.03E-08	4.48E-09	7.32E-09	1.16E-08	2.05E-09	1.03E-08	5.69E-08
540	489778.13	3861308.47	7.27E-05	8.91E-05	7.81E-05	2.52E-08	7.61E-08	4.41E-08	5.40E-08	4.89E-08	2.23E-08	1.96E-08	8.42E-10	2.03E-08	4.49E-09	7.33E-09	1.16E-08	2.05E-09	1.03E-08	5.69E-08
541	489678.13	3861358.47	7.12E-05	8.71E-05	7.64E-05	2.47E-08	7.45E-08	4.31E-08	5.28E-08	4.79E-08	2.18E-08	1.91E-08	8.23E-10	1.99E-08	4.39E-09	7.17E-09	1.14E-08	2.00E-09	1.00E-08	5.57E-08
542	489728.13	3861358.47	7.12E-05	8.72E-05	7.65E-05	2.47E-08	7.45E-08	4.32E-08	5.29E-08	4.79E-08	2.19E-08	1.92E-08	8.24E-10	1.99E-08	4.39E-09	7.18E-09	1.14E-08	2.01E-09	1.01E-08	5.58E-08
543	489528.13	3861408.47	6.94E-05	8.50E-05	7.45E-05	2.40E-08	7.26E-08	4.20E-08	5.15E-08	4.67E-08	2.13E-08	1.87E-08	8.03E-10	1.94E-08	4.28E-09	6.99E-09	1.11E-08	1.95E-09	9.80E-09	5.43E-08

544	489578.13	3861408.47	6.95E-05	8.51E-05	7.47E-05	2.41E-08	7.27E-08	4.21E-08	5.16E-08	4.68E-08	2.13E-08	1.87E-08	8.05E-10	1.94E-08	4.29E-09	7.00E-09	1.11E-08	1.96E-09	9.82E-09	5.44E-08
545	489628.13	3861408.47	6.98E-05	8.54E-05	7.49E-05	2.42E-08	7.30E-08	4.23E-08	5.18E-08	4.69E-08	2.14E-08	1.88E-08	8.07E-10	1.95E-08	4.30E-09	7.03E-09	1.11E-08	1.96E-09	9.85E-09	5.46E-08
546	489678.13	3861408.47	6.98E-05	8.55E-05	7.50E-05	2.42E-08	7.31E-08	4.23E-08	5.18E-08	4.70E-08	2.14E-08	1.88E-08	8.08E-10	1.95E-08	4.31E-09	7.03E-09	1.12E-08	1.97E-09	9.86E-09	5.46E-08
547	489728.13	3861408.47	6.98E-05	8.55E-05	7.50E-05	2.42E-08	7.31E-08	4.23E-08	5.18E-08	4.70E-08	2.14E-08	1.88E-08	8.08E-10	1.95E-08	4.31E-09	7.04E-09	1.12E-08	1.97E-09	9.86E-09	5.47E-08
548	489528.13	3861458.47	6.81E-05	8.34E-05	7.32E-05	2.36E-08	7.13E-08	4.13E-08	5.05E-08	4.58E-08	2.09E-08	1.83E-08	7.88E-10	1.90E-08	4.20E-09	6.86E-09	1.09E-08	1.92E-09	9.62E-09	5.33E-08
549	489578.13	3861458.47	6.83E-05	8.36E-05	7.33E-05	2.37E-08	7.14E-08	4.14E-08	5.07E-08	4.59E-08	2.10E-08	1.84E-08	7.90E-10	1.91E-08	4.21E-09	6.88E-09	1.09E-08	1.92E-09	9.64E-09	5.34E-08
550	489628.13	3861458.47	6.84E-05	8.38E-05	7.34E-05	2.37E-08	7.16E-08	4.14E-08	5.07E-08	4.60E-08	2.10E-08	1.84E-08	7.91E-10	1.91E-08	4.22E-09	6.89E-09	1.09E-08	1.93E-09	9.66E-09	5.35E-08
551	489678.13	3861458.47	6.85E-05	8.38E-05	7.35E-05	2.37E-08	7.16E-08	4.15E-08	5.08E-08	4.60E-08	2.10E-08	1.84E-08	7.92E-10	1.91E-08	4.22E-09	6.90E-09	1.09E-08	1.93E-09	9.67E-09	5.36E-08
552	489728.13	3861458.47	6.84E-05	8.38E-05	7.35E-05	2.37E-08	7.16E-08	4.15E-08	5.08E-08	4.60E-08	2.10E-08	1.84E-08	7.92E-10	1.91E-08	4.22E-09	6.89E-09	1.09E-08	1.93E-09	9.67E-09	5.36E-08
553	489528.13	3861508.47	6.69E-05	8.19E-05	7.18E-05	2.32E-08	7.00E-08	4.05E-08	4.96E-08	4.50E-08	2.05E-08	1.80E-08	7.74E-10	1.87E-08	4.12E-09	6.73E-09	1.07E-08	1.88E-09	9.44E-09	5.23E-08
554	489578.13	3861508.47	6.70E-05	8.20E-05	7.19E-05	2.32E-08	7.01E-08	4.06E-08	4.97E-08	4.50E-08	2.06E-08	1.80E-08	7.75E-10	1.87E-08	4.13E-09	6.75E-09	1.07E-08	1.89E-09	9.46E-09	5.24E-08
555	489628.13	3861508.47	6.70E-05	8.21E-05	7.20E-05	2.32E-08	7.02E-08	4.06E-08	4.97E-08	4.51E-08	2.06E-08	1.80E-08	7.76E-10	1.87E-08	4.14E-09	6.75E-09	1.07E-08	1.89E-09	9.47E-09	5.25E-08
556	489678.13	3861508.47	6.71E-05	8.22E-05	7.21E-05	2.33E-08	7.02E-08	4.06E-08	4.98E-08	4.51E-08	2.06E-08	1.81E-08	7.76E-10	1.88E-08	4.14E-09	6.76E-09	1.07E-08	1.89E-09	9.48E-09	5.25E-08
557	489728.13	3861508.47	6.71E-05	8.22E-05	7.21E-05	2.33E-08	7.03E-08	4.07E-08	4.98E-08	4.52E-08	2.06E-08	1.81E-08	7.77E-10	1.88E-08	4.14E-09	6.76E-09	1.07E-08	1.89E-09	9.48E-09	5.26E-08
558	489628.13	3861558.47	6.59E-05	8.07E-05	7.08E-05	2.28E-08	6.89E-08	3.99E-08	4.89E-08	4.43E-08	2.02E-08	1.77E-08	7.62E-10	1.84E-08	4.06E-09	6.64E-09	1.05E-08	1.86E-09	9.30E-09	5.16E-08
559	489678.13	3861558.47	6.60E-05	8.08E-05	7.09E-05	2.29E-08	6.91E-08	4.00E-08	4.90E-08	4.44E-08	2.03E-08	1.78E-08	7.64E-10	1.85E-08	4.07E-09	6.65E-09	1.05E-08	1.86E-09	9.32E-09	5.17E-08
560	489728.13	3861558.47	6.61E-05	8.09E-05	7.09E-05	2.29E-08	6.91E-08	4.00E-08	4.90E-08	4.44E-08	2.03E-08	1.78E-08	7.64E-10	1.85E-08	4.07E-09	6.65E-09	1.06E-08	1.86E-09	9.33E-09	5.17E-08
561	489357.08	3861015.81	8.16E-05	9.99E-05	8.76E-05	2.83E-08	8.54E-08	4.94E-08	6.05E-08	5.49E-08	2.50E-08	2.20E-08	9.44E-10	2.28E-08	5.03E-09	8.22E-09	1.30E-08	2.30E-09	1.15E-08	6.39E-08
562	489407.08	3861015.81	8.15E-05	9.99E-05	8.76E-05	2.83E-08	8.53E-08	4.94E-08	6.05E-08	5.48E-08	2.50E-08	2.19E-08	9.44E-10	2.28E-08	5.03E-09	8.21E-09	1.30E-08	2.30E-09	1.15E-08	6.38E-08
563	489457.08	3861015.81	8.16E-05	9.99E-05	8.76E-05	2.83E-08	8.54E-08	4.94E-08	6.05E-08	5.49E-08	2.50E-08	2.20E-08	9.44E-10	2.28E-08	5.03E-09	8.22E-09	1.30E-08	2.30E-09	1.15E-08	6.39E-08
564	489357.08	3861065.81	7.99E-05	9.79E-05	8.59E-05	2.77E-08	8.36E-08	4.84E-08	5.93E-08	5.38E-08	2.45E-08	2.15E-08	9.25E-10	2.23E-08	4.93E-09	8.05E-09	1.28E-08	2.25E-09	1.13E-08	6.26E-08
565	489407.08	3861065.81	7.99E-05	9.78E-05	8.58E-05	2.77E-08	8.36E-08	4.84E-08	5.93E-08	5.37E-08	2.45E-08	2.15E-08	9.25E-10	2.23E-08	4.93E-09	8.05E-09	1.28E-08	2.25E-09	1.13E-08	6.25E-08
566	489457.08	3861065.81	7.99E-05	9.79E-05	8.59E-05	2.77E-08	8.36E-08	4.84E-08	5.93E-08	5.38E-08	2.45E-08	2.15E-08	9.25E-10	2.23E-08	4.93E-09	8.05E-09	1.28E-08	2.25E-09	1.13E-08	6.26E-08
567	489357.08	3861115.81	7.83E-05	9.59E-05	8.41E-05	2.71E-08	8.19E-08	4.74E-08	5.81E-08	5.26E-08	2.40E-08	2.11E-08	9.06E-10	2.19E-08	4.83E-09	7.89E-09	1.25E-08	2.20E-09	1.11E-08	6.13E-08
568	489407.08	3861115.81	7.84E-05	9.60E-05	8.42E-05	2.72E-08	8.20E-08	4.75E-08	5.82E-08	5.27E-08	2.41E-08	2.11E-08	9.07E-10	2.19E-08	4.84E-09	7.90E-09	1.25E-08	2.21E-09	1.11E-08	6.14E-08
569	489457.08	3861115.81	7.85E-05	9.61E-05	8.43E-05	2.72E-08	8.21E-08	4.75E-08	5.82E-08	5.28E-08	2.41E-08	2.11E-08	9.08E-10	2.19E-08	4.84E-09	7.91E-09	1.25E-08	2.21E-09	1.11E-08	6.14E-08
570	489407.08	3861165.81	7.69E-05	9.42E-05	8.26E-05	2.67E-08	8.05E-08	4.66E-08	5.71E-08	5.17E-08	2.36E-08	2.07E-08	8.90E-10	2.15E-08	4.74E-09	7.75E-09	1.23E-08	2.17E-09	1.09E-08	6.02E-08
571	489457.08	3861165.81	7.69E-05	9.42E-05	8.26E-05	2.67E-08	8.05E-08	4.66E-08	5.71E-08	5.17E-08	2.36E-08	2.07E-08	8.90E-10	2.15E-08	4.74E-09	7.75E-09	1.23E-08	2.17E-09	1.09E-08	6.02E-08
572	489407.08	3861215.81	7.50E-05	9.19E-05	8.06E-05	2.60E-08	7.85E-08	4.54E-08	5.56E-08	5.04E-08	2.30E-08	2.02E-08	8.68E-10	2.10E-08	4.63E-09	7.55E-09	1.20E-08	2.11E-09	1.06E-08	5.87E-08
573	489457.08	3861215.81	7.51E-05	9.19E-05	8.06E-05	2.60E-08	7.85E-08	4.55E-08	5.57E-08	5.05E-08	2.30E-08	2.02E-08	8.69E-10	2.10E-08	4.63E-09	7.56E-09	1.20E-08	2.11E-09	1.06E-08	5.87E-08
574	489407.08	3861265.81	7.31E-05	8.96E-05	7.86E-05	2.53E-08	7.65E-08	4.43E-08	5.43E-08	4.92E-08	2.24E-08	1.97E-08	8.46E-10	2.04E-08	4.51E-09	7.37E-09	1.17E-08	2.06E-09	1.03E-08	5.73E-08
575	489457.08	3861265.81	7.33E-05	8.98E-05	7.87E-05	2.54E-08	7.67E-08	4.44E-08	5.44E-08	4.93E-08	2.25E-08	1.97E-08	8.48E-10	2.05E-08	4.52E-09	7.39E-09	1.17E-08	2.06E-09	1.04E-08	5.74E-08
576	489309.86	3861110.14	7.83E-05	9.59E-05	8.41E-05	2.71E-08	8.19E-08	4.74E-08	5.81E-08	5.27E-08	2.40E-08	2.11E-08	9.06E-10	2.19E-08	4.83E-09	7.89E-09	1.25E-08	2.20E-09	1.11E-08	6.13E-08
577	489407.08	3861315.81	7.17E-05	8.78E-05	7.70E-05	2.48E-08	7.50E-08	4.34E-08	5.32E-08	4.82E-08	2.20E-08	1.93E-08	8.30E-10	2.00E-08	4.42E-09	7.22E-09	1.15E-08	2.02E-09	1.01E-08	5.61E-08
578	489457.08	3861315.81	7.19E-05	8.80E-05	7.72E-05	2.49E-08	7.52E-08	4.35E-08	5.33E-08	4.83E-08	2.21E-08	1.93E-08	8.32E-10	2.01E-08	4.43E-09	7.24E-09	1.15E-08	2.02E-09	1.01E-08	5.62E-08
579	488906.03	3861006.75	8.15E-05	9.99E-05	8.76E-05	2.83E-08	8.53E-08	4.94E-08	6.05E-08	5.48E-08	2.50E-08	2.19E-08	9.44E-10	2.28E-08	5.03E-09	8.21E-09	1.30E-08	2.30E-09	1.15E-08	6.38E-08
580	488956.03	3861006.75	8.19E-05	1.00E-04	8.79E-05	2.84E-08	8.57E-08	4.96E-08	6.07E-08	5.51E-08	2.51E-08	2.20E-08	9.47E-10	2.29E-08	5.05E-09	8.25E-09	1.31E-08	2.31E-09	1.16E-08	6.41E-08
581	488904.24	3861051.87	8.12E-05	9.95E-05	8.72E-05	2.81E-08	8.50E-08	4.92E-08	6.03E-08	5.46E-08	2.49E-08	2.19E-08	9.40E-10	2.27E-08	5.01E-09	8.18E-09	1.30E-08	2.29E-09	1.15E-08	6.36E-08
582	488954.24	3861051.87	8.07E-05	9.89E-05	8.67E-05	2.80E-08	8.45E-08	4.89E-08	5.99E-08	5.43E-08	2.48E-08	2.17E-08	9.34E-10	2.26E-08	4.98E-09	8.13E-09	1.29E-08	2.27E-09	1.14E-08	6.32E-08
583	489004.24	3861051.87	8.12E-05	9.94E-05	8.72E-05	2.81E-08	8.49E-08	4.92E-08	6.02E-08	5.46E-08	2.49E-08	2.19E-08	9.39E-10	2.27E-08	5.01E-09	8.18E-09	1.30E-08	2.29E-09	1.15E-08	6.35E-08
584	488804.24	3861101.87	7.89E-05	9.66E-05	8.47E-05	2.73E-08	8.25E-08	4.78E-08	5.85E-08	5.30E-08	2.42E-08	2.12E-08	9.13E-10	2.20E-08	4.86E-09	7.94E-09	1.26E-08	2.22E-09	1.11E-08	6.17E-08
585	488854.24	3861101.87	7.91E-05	9.69E-05	8.50E-05	2.74E-08	8.28E-08	4.79E-08	5.87E-08	5.32E-08	2.43E-08	2.13E-08	9.15E-10	2.21E-08	4.88E-09	7.97E-09	1.26E-08	2.23E-09	1.12E-08	6.19E-08
586	488904.24	3861101.87	7.82E-05	9.58E-05	8.40E-05	2.71E-08	8.18E-08	4.74E-08	5.80E-08	5.26E-08	2.40E-08	2.10E-08	9.05E-10	2.19E-08	4.82E-09	7.88E-09	1.25E-08	2.20E-09	1.10E-08	6.12E-08
587	488954.24	3861101.87	7.79E-05	9.55E-05	8.37E-05	2.70E-08	8.16E-08	4.72E-08	5.78E-08	5.24E-08	2.39E-08	2.10E-08	9.02E-10	2.18E-08	4.81E-09	7.85E-09	1.25E-08	2.20E-09	1.10E-08	6.10E-08
588	489004.24	3861101.87	7.81E-05	9.56E-05	8.38E-05	2.70E-08	8.17E-08	4.73E-08	5.79E-08	5.25E-08	2.40E-08	2.10E-08	9.03E-10	2.18E-08	4.81E-09	7.86E-09	1.25E-08	2.20E-09	1.10E-08	6.11E-08
589	488804.24	3861151.87	7.61E-05	9.32E-05	8.17E-05	2.64E-08	7.96E-08	4.61E-08	5.64E-08	5.12E-08	2.33E-08	2.05E-08	8.80E-10	2.13E-08	4.69E-09	7.66E-09	1.22E-08	2.14E-09	1.07E-08	5.95E-08
590	488854.24	3861151.87	7.59E-05	9.30E-05	8.15E-05	2.63E-08	7.94E-08	4.60E-08	5.63E-08	5.10E-08	2.33E-08	2.04E-08	8.78E-10	2.12E-08	4.68E-09	7.64E-09	1.21E-08	2.14E-09	1.07E-08	5.94E-08
591	489129.49	3861187.55	7.50E-05	9.19E-05	8.06E-05	2.60E-08	7.85E-08	4.54E-08	5.57E-08	5.05E-08	2.30E-08	2.02E-08	8.68E-10	2.10E-08	4.63E-09	7.56E-09	1.20E-08	2.11E-09	1.06E-08	5.87E-08
592	489179.49	3861187.55	7.51E-05	9.20E-05	8.07E-05	2.60E-08	7.86E-08	4.55E-08	5.57E-08	5.05E-08	2.30E-08	2.02E-08	8.69E-10	2.10E-08	4.63E-09	7.56E-09	1.20E-08	2.11E-09	1.06E-08	5.88E-08
593	488804.24	3861201.87	7.46E-05	9.13E-05	8.01E-05	2.58E-08	7.80E-08	4.52E-08	5.53E-08	5.02E-08	2.29E-08	2.01E-08	8.63E-10	2.08E-08	4.60E-09	7.51E-09	1.19E-08	2.10E-09	1.05E-08	5.84E-08
594	488854.24	3861201.87	7.42E-05	9.09E-05	7.97E-05	2.57E-08	7.76E-08	4.49E-08	5.50E-08	4.99E-08	2.28E-08	2.00E-08	8.59E-10	2.07E-08	4.58E-09	7.47E-09	1.19E-08	2.09E-09	1.05E-08	5.81E-08
595	489129.49	3861237.55	7.37E-05	9.02E-05	7.92E-05	2.55E-08	7.71E-08	4.46E-08	5.47E-08	4.96E-08	2.26E-08	1.98E-08	8.53E-10	2.06E-08	4.55E-09	7.42E-09	1.18E-08	2.08E-09	1.04E-08	5.77E-08
596	489179.49	3861237.55	7.36E-05	9.01E-05	7.91E-05	2.55E-08	7.70E-08	4.46E-08	5.46E-08	4.95E-08	2.26E-08	1.98E-08	8.52E-10	2.06E-08	4.54E-09	7.41E-09	1.18E-08	2.07E-09	1.04E-08	5.76E-08
597	488804.24	3861251.87	7.32E-05	8.97E-05	7.86E-05	2.54E-08	7.66E-08	4.43E-08	5.43E-08	4.92E-08	2.25E-08	1.97E-08	8.47E-10	2.05E-08	4.52E-09	7.37E-09	1.17E-08	2.06E-09	1.03E-08	5.73E-08
598	488854.24	3861251.87	7.28E-05	8.91E-05	7.82E-05	2.52E-08	7.62E-08	4.41E-08	5.40E-08	4.89E-08	2.23E-08	1.96E-08	8.42E-10	2.03E-08	4.49E-09	7.33E-09	1.16E-08	2.05E-09	1.03E-08	5.70E-08

599	488804.24	3861301.87	7.17E-05	8.78E-05	7.70E-05	2.48E-08	7.50E-08	4.34E-08	5.32E-08	4.82E-08	2.20E-08	1.93E-08	8.30E-10	2.00E-08	4.42E-09	7.22E-09	1.15E-08	2.02E-09	1.01E-08	5.61E-08
600	488854.24	3861301.87	7.14E-05	8.75E-05	7.67E-05	2.47E-08	7.47E-08	4.33E-08	5.30E-08	4.80E-08	2.19E-08	1.92E-08	8.26E-10	2.00E-08	4.41E-09	7.19E-09	1.14E-08	2.01E-09	1.01E-08	5.59E-08
601	490943.5	3860181.97	1.19E-04	1.45E-04	1.27E-04	4.11E-08	1.24E-07	7.19E-08	8.80E-08	7.98E-08	3.64E-08	3.19E-08	1.37E-09	3.32E-08	7.32E-09	1.20E-08	1.90E-08	3.34E-09	1.68E-08	9.29E-08
602	490993.5	3860181.97	1.18E-04	1.45E-04	1.27E-04	4.10E-08	1.24E-07	7.17E-08	8.78E-08	7.96E-08	3.63E-08	3.18E-08	1.37E-09	3.31E-08	7.30E-09	1.19E-08	1.89E-08	3.33E-09	1.67E-08	9.26E-08
603	491043.5	3860181.97	1.18E-04	1.45E-04	1.27E-04	4.09E-08	1.24E-07	7.16E-08	8.76E-08	7.94E-08	3.62E-08	3.18E-08	1.37E-09	3.30E-08	7.29E-09	1.19E-08	1.89E-08	3.33E-09	1.67E-08	9.25E-08
604	491093.5	3860181.97	1.18E-04	1.44E-04	1.27E-04	4.08E-08	1.23E-07	7.14E-08	8.74E-08	7.92E-08	3.61E-08	3.17E-08	1.36E-09	3.29E-08	7.27E-09	1.19E-08	1.88E-08	3.32E-09	1.66E-08	9.22E-08
605	490943.5	3860231.97	1.16E-04	1.41E-04	1.24E-04	4.00E-08	1.21E-07	7.00E-08	8.57E-08	7.77E-08	3.55E-08	3.11E-08	1.34E-09	3.23E-08	7.13E-09	1.16E-08	1.85E-08	3.25E-09	1.63E-08	9.04E-08
606	490993.5	3860231.97	1.15E-04	1.41E-04	1.24E-04	4.00E-08	1.21E-07	6.99E-08	8.56E-08	7.76E-08	3.54E-08	3.11E-08	1.34E-09	3.23E-08	7.12E-09	1.16E-08	1.84E-08	3.25E-09	1.63E-08	9.03E-08
607	491043.5	3860231.97	1.15E-04	1.41E-04	1.23E-04	3.98E-08	1.20E-07	6.96E-08	8.53E-08	7.73E-08	3.53E-08	3.09E-08	1.33E-09	3.21E-08	7.09E-09	1.16E-08	1.84E-08	3.24E-09	1.62E-08	8.99E-08
608	491093.5	3860231.97	1.14E-04	1.40E-04	1.23E-04	3.97E-08	1.20E-07	6.93E-08	8.49E-08	7.70E-08	3.51E-08	3.08E-08	1.32E-09	3.20E-08	7.06E-09	1.15E-08	1.83E-08	3.22E-09	1.62E-08	8.96E-08
609	490943.5	3860281.97	1.13E-04	1.38E-04	1.21E-04	3.91E-08	1.18E-07	6.83E-08	8.36E-08	7.58E-08	3.46E-08	3.03E-08	1.30E-09	3.15E-08	6.95E-09	1.14E-08	1.80E-08	3.17E-09	1.59E-08	8.82E-08
610	490993.5	3860281.97	1.12E-04	1.38E-04	1.21E-04	3.90E-08	1.18E-07	6.81E-08	8.34E-08	7.56E-08	3.45E-08	3.03E-08	1.30E-09	3.14E-08	6.94E-09	1.13E-08	1.80E-08	3.17E-09	1.59E-08	8.80E-08
611	491043.5	3860281.97	1.12E-04	1.37E-04	1.20E-04	3.88E-08	1.17E-07	6.78E-08	8.31E-08	7.53E-08	3.44E-08	3.01E-08	1.30E-09	3.13E-08	6.91E-09	1.13E-08	1.79E-08	3.15E-09	1.58E-08	8.77E-08
612	491093.5	3860281.97	1.12E-04	1.37E-04	1.20E-04	3.87E-08	1.17E-07	6.76E-08	8.28E-08	7.50E-08	3.42E-08	3.00E-08	1.29E-09	3.12E-08	6.88E-09	1.12E-08	1.78E-08	3.14E-09	1.58E-08	8.73E-08
613	490943.5	3860331.97	1.10E-04	1.35E-04	1.18E-04	3.82E-08	1.15E-07	6.67E-08	8.17E-08	7.41E-08	3.38E-08	2.96E-08	1.27E-09	3.08E-08	6.79E-09	1.11E-08	1.76E-08	3.10E-09	1.56E-08	8.62E-08
614	490993.5	3860331.97	1.10E-04	1.34E-04	1.18E-04	3.80E-08	1.15E-07	6.64E-08	8.13E-08	7.37E-08	3.36E-08	2.95E-08	1.27E-09	3.06E-08	6.76E-09	1.10E-08	1.75E-08	3.09E-09	1.55E-08	8.58E-08
615	491043.5	3860331.97	1.09E-04	1.34E-04	1.17E-04	3.78E-08	1.14E-07	6.61E-08	8.09E-08	7.33E-08	3.35E-08	2.93E-08	1.26E-09	3.05E-08	6.73E-09	1.10E-08	1.74E-08	3.07E-09	1.54E-08	8.54E-08
616	491093.5	3860331.97	1.09E-04	1.33E-04	1.17E-04	3.76E-08	1.14E-07	6.58E-08	8.06E-08	7.31E-08	3.33E-08	2.92E-08	1.26E-09	3.04E-08	6.70E-09	1.09E-08	1.74E-08	3.06E-09	1.53E-08	8.50E-08
617	490086.72	3859935.12	1.48E-04	1.81E-04	1.59E-04	5.13E-08	1.55E-07	8.97E-08	1.10E-07	9.96E-08	4.54E-08	3.99E-08	1.71E-09	4.14E-08	9.13E-09	1.49E-08	2.37E-08	4.17E-09	2.09E-08	1.16E-07
618	490136.72	3859935.12	1.47E-04	1.80E-04	1.58E-04	5.10E-08	1.54E-07	8.91E-08	1.09E-07	9.89E-08	4.51E-08	3.96E-08	1.70E-09	4.11E-08	9.07E-09	1.48E-08	2.35E-08	4.14E-09	2.08E-08	1.15E-07
619	490186.72	3859935.12	1.46E-04	1.79E-04	1.57E-04	5.06E-08	1.53E-07	8.85E-08	1.08E-07	9.82E-08	4.48E-08	3.93E-08	1.69E-09	4.08E-08	9.01E-09	1.47E-08	2.33E-08	4.11E-09	2.06E-08	1.14E-07
620	490236.72	3859935.12	1.45E-04	1.78E-04	1.56E-04	5.03E-08	1.52E-07	8.79E-08	1.08E-07	9.75E-08	4.45E-08	3.90E-08	1.68E-09	4.05E-08	8.95E-09	1.46E-08	2.32E-08	4.08E-09	2.05E-08	1.14E-07
621	490286.72	3859935.12	1.44E-04	1.76E-04	1.55E-04	4.99E-08	1.51E-07	8.73E-08	1.07E-07	9.69E-08	4.42E-08	3.88E-08	1.67E-09	4.03E-08	8.88E-09	1.45E-08	2.30E-08	4.06E-09	2.03E-08	1.13E-07
622	490336.72	3859935.12	1.43E-04	1.75E-04	1.54E-04	4.96E-08	1.50E-07	8.67E-08	1.06E-07	9.62E-08	4.39E-08	3.85E-08	1.66E-09	4.00E-08	8.83E-09	1.44E-08	2.29E-08	4.03E-09	2.02E-08	1.12E-07
623	490386.72	3859935.12	1.42E-04	1.74E-04	1.53E-04	4.93E-08	1.49E-07	8.63E-08	1.06E-07	9.58E-08	4.37E-08	3.83E-08	1.65E-09	3.98E-08	8.78E-09	1.43E-08	2.28E-08	4.01E-09	2.01E-08	1.11E-07
624	490436.72	3859935.12	1.42E-04	1.74E-04	1.52E-04	4.91E-08	1.48E-07	8.58E-08	1.05E-07	9.53E-08	4.35E-08	3.81E-08	1.64E-09	3.96E-08	8.74E-09	1.43E-08	2.26E-08	3.99E-09	2.00E-08	1.11E-07
625	490486.72	3859935.12	1.41E-04	1.73E-04	1.52E-04	4.89E-08	1.48E-07	8.55E-08	1.05E-07	9.50E-08	4.33E-08	3.80E-08	1.63E-09	3.95E-08	8.71E-09	1.42E-08	2.26E-08	3.98E-09	1.99E-08	1.11E-07
626	490536.72	3859935.12	1.41E-04	1.73E-04	1.52E-04	4.89E-08	1.48E-07	8.55E-08	1.05E-07	9.49E-08	4.33E-08	3.80E-08	1.63E-09	3.95E-08	8.71E-09	1.42E-08	2.26E-08	3.98E-09	1.99E-08	1.11E-07
627	490586.72	3859935.12	1.41E-04	1.73E-04	1.52E-04	4.90E-08	1.48E-07	8.56E-08	1.05E-07	9.51E-08	4.34E-08	3.80E-08	1.64E-09	3.95E-08	8.72E-09	1.42E-08	2.26E-08	3.98E-09	2.00E-08	1.11E-07
628	490636.72	3859935.12	1.41E-04	1.73E-04	1.52E-04	4.89E-08	1.48E-07	8.56E-08	1.05E-07	9.50E-08	4.33E-08	3.80E-08	1.63E-09	3.95E-08	8.71E-09	1.42E-08	2.26E-08	3.98E-09	2.00E-08	1.11E-07
629	490686.72	3859935.12	1.42E-04	1.74E-04	1.52E-04	4.91E-08	1.48E-07	8.58E-08	1.05E-07	9.53E-08	4.35E-08	3.81E-08	1.64E-09	3.96E-08	8.74E-09	1.43E-08	2.26E-08	3.99E-09	2.00E-08	1.11E-07
630	490736.72	3859935.12	1.42E-04	1.74E-04	1.52E-04	4.92E-08	1.48E-07	8.59E-08	1.05E-07	9.54E-08	4.35E-08	3.82E-08	1.64E-09	3.97E-08	8.75E-09	1.43E-08	2.27E-08	4.00E-09	2.00E-08	1.11E-07
631	490086.72	3859985.12	1.44E-04	1.77E-04	1.55E-04	5.00E-08	1.51E-07	8.74E-08	1.07E-07	9.70E-08	4.43E-08	3.88E-08	1.67E-09	4.03E-08	8.90E-09	1.45E-08	2.31E-08	4.06E-09	2.04E-08	1.13E-07
632	490136.72	3859985.12	1.43E-04	1.75E-04	1.54E-04	4.97E-08	1.50E-07	8.68E-08	1.06E-07	9.64E-08	4.40E-08	3.86E-08	1.66E-09	4.01E-08	8.84E-09	1.44E-08	2.29E-08	4.04E-09	2.02E-08	1.12E-07
633	490186.72	3859985.12	1.42E-04	1.74E-04	1.53E-04	4.93E-08	1.49E-07	8.63E-08	1.06E-07	9.58E-08	4.37E-08	3.83E-08	1.65E-09	3.98E-08	8.78E-09	1.43E-08	2.28E-08	4.01E-09	2.01E-08	1.11E-07
634	490236.72	3859985.12	1.42E-04	1.73E-04	1.52E-04	4.91E-08	1.48E-07	8.57E-08	1.05E-07	9.52E-08	4.34E-08	3.81E-08	1.64E-09	3.96E-08	8.73E-09	1.43E-08	2.26E-08	3.99E-09	2.00E-08	1.11E-07
635	490286.72	3859985.12	1.41E-04	1.72E-04	1.51E-04	4.87E-08	1.47E-07	8.51E-08	1.04E-07	9.45E-08	4.31E-08	3.78E-08	1.63E-09	3.93E-08	8.67E-09	1.42E-08	2.25E-08	3.96E-09	1.98E-08	1.10E-07
636	490336.72	3859985.12	1.40E-04	1.71E-04	1.50E-04	4.84E-08	1.46E-07	8.45E-08	1.04E-07	9.39E-08	4.28E-08	3.76E-08	1.61E-09	3.90E-08	8.61E-09	1.41E-08	2.23E-08	3.93E-09	1.97E-08	1.09E-07
637	490386.72	3859985.12	1.38E-04	1.70E-04	1.49E-04	4.80E-08	1.45E-07	8.39E-08	1.03E-07	9.31E-08	4.25E-08	3.73E-08	1.60E-09	3.87E-08	8.54E-09	1.39E-08	2.21E-08	3.90E-09	1.96E-08	1.08E-07
638	490436.72	3859985.12	1.38E-04	1.69E-04	1.48E-04	4.77E-08	1.44E-07	8.34E-08	1.02E-07	9.26E-08	4.22E-08	3.70E-08	1.59E-09	3.85E-08	8.49E-09	1.39E-08	2.20E-08	3.88E-09	1.94E-08	1.08E-07
639	490486.72	3859985.12	1.37E-04	1.68E-04	1.47E-04	4.75E-08	1.43E-07	8.30E-08	1.02E-07	9.21E-08	4.20E-08	3.69E-08	1.59E-09	3.83E-08	8.45E-09	1.38E-08	2.19E-08	3.86E-09	1.93E-08	1.07E-07
640	490536.72	3859985.12	1.37E-04	1.67E-04	1.47E-04	4.74E-08	1.43E-07	8.28E-08	1.01E-07	9.19E-08	4.19E-08	3.68E-08	1.58E-09	3.82E-08	8.43E-09	1.38E-08	2.18E-08	3.85E-09	1.93E-08	1.07E-07
641	490586.72	3859985.12	1.36E-04	1.67E-04	1.47E-04	4.73E-08	1.43E-07	8.27E-08	1.01E-07	9.18E-08	4.19E-08	3.67E-08	1.58E-09	3.82E-08	8.42E-09	1.38E-08	2.18E-08	3.84E-09	1.93E-08	1.07E-07
642	490636.72	3859985.12	1.37E-04	1.67E-04	1.47E-04	4.73E-08	1.43E-07	8.27E-08	1.01E-07	9.18E-08	4.19E-08	3.67E-08	1.58E-09	3.82E-08	8.42E-09	1.38E-08	2.18E-08	3.85E-09	1.93E-08	1.07E-07
643	490686.72	3859985.12	1.37E-04	1.68E-04	1.47E-04	4.75E-08	1.43E-07	8.30E-08	1.02E-07	9.21E-08	4.20E-08	3.69E-08	1.58E-09	3.83E-08	8.45E-09	1.38E-08	2.19E-08	3.86E-09	1.93E-08	1.07E-07
644	490736.72	3859985.12	1.37E-04	1.68E-04	1.47E-04	4.74E-08	1.43E-07	8.29E-08	1.02E-07	9.20E-08	4.20E-08	3.68E-08	1.58E-09	3.82E-08	8.44E-09	1.38E-08	2.19E-08	3.85E-09	1.93E-08	1.07E-07
645	490786.72	3859985.12	1.37E-04	1.67E-04	1.47E-04	4.74E-08	1.43E-07	8.28E-08	1.01E-07	9.20E-08	4.20E-08	3.68E-08	1.58E-09	3.82E-08	8.43E-09	1.38E-08	2.18E-08	3.85E-09	1.93E-08	1.07E-07
646	490086.72	3860035.12	1.41E-04	1.72E-04	1.51E-04	4.87E-08	1.47E-07	8.51E-08	1.04E-07	9.45E-08	4.31E-08	3.78E-08	1.63E-09	3.93E-08	8.67E-09	1.42E-08	2.25E-08	3.96E-09	1.98E-08	1.10E-07
647	490136.72	3860035.12	1.40E-04	1.71E-04	1.50E-04	4.84E-08	1.46E-07	8.46E-08	1.04E-07	9.40E-08	4.29E-08	3.76E-08	1.62E-09	3.91E-08	8.62E-09	1.41E-08	2.23E-08	3.93E-09	1.97E-08	1.09E-07
648	490186.72	3860035.12	1.39E-04	1.70E-04	1.49E-04	4.81E-08	1.45E-07	8.41E-08	1.03E-07	9.34E-08	4.26E-08	3.74E-08	1.61E-09	3.88E-08	8.57E-09	1.40E-08	2.22E-08	3.91E-09	1.96E-08	1.09E-07
649	490236.72	3860035.12	1.38E-04	1.69E-04	1.48E-04	4.78E-08	1.44E-07	8.36E-08	1.02E-07	9.28E-08	4.23E-08	3.71E-08	1.60E-09	3.86E-08	8.51E-09	1.39E-08	2.20E-08	3.89E-09	1.95E-08	1.08E-07
650	490286.72	3860035.12	1.37E-04	1.68E-04	1.47E-04	4.75E-08	1.43E-07	8.30E-08	1.02E-07	9.21E-08	4.20E-08	3.69E-08	1.59E-09	3.83E-08	8.45E-09	1.38E-08	2.19E-08	3.86E-09	1.93E-08	1.07E-07
651	490336.72	3860035.12	1.36E-04	1.67E-04	1.46E-04	4.72E-08	1.42E-07	8.25E-08	1.01E-07	9.16E-08	4.18E-08	3.66E-08	1.58E-09	3.81E-08	8.40E-09	1.37E-08	2.18E-08	3.83E-09	1.92E-08	1.07E-07
652	490386.72	3860035.12	1.35E-04	1.65E-04	1.45E-04	4.68E-08	1.41E-07	8.18E-08	1.00E-07	9.08E-08	4.14E-08	3.63E-08	1.56E-09	3.78E-08	8.33E-09	1.36E-08	2.16E-08	3.80E-09	1.91E-08	1.06E-07
653	490436.72	3860035.12	1.34E-04	1.64E-04	1.44E-04	4.65E-08	1.40E-07	8.12E-08	9.95E-08	9.02E-08	4.12E-08	3.61E-08	1.55E-09	3.75E-08	8.27E-09	1.35E-08	2.14E-08	3.78E-09	1.89E-08	1.05E-07

654	490486.72	3860035.12	1.33E-04	1.63E-04	1.43E-04	4.62E-08	1.39E-07	8.08E-08	9.89E-08	8.97E-08	4.09E-08	3.59E-08	1.54E-09	3.73E-08	8.22E-09	1.34E-08	2.13E-08	3.75E-09	1.88E-08	1.04E-07
655	490536.72	3860035.12	1.33E-04	1.63E-04	1.43E-04	4.60E-08	1.39E-07	8.04E-08	9.85E-08	8.93E-08	4.07E-08	3.57E-08	1.54E-09	3.71E-08	8.19E-09	1.34E-08	2.12E-08	3.74E-09	1.87E-08	1.04E-07
656	490586.72	3860035.12	1.32E-04	1.62E-04	1.42E-04	4.58E-08	1.38E-07	8.01E-08	9.81E-08	8.90E-08	4.06E-08	3.56E-08	1.53E-09	3.70E-08	8.16E-09	1.33E-08	2.11E-08	3.73E-09	1.87E-08	1.04E-07
657	490636.72	3860035.12	1.32E-04	1.61E-04	1.42E-04	4.57E-08	1.38E-07	7.98E-08	9.78E-08	8.86E-08	4.04E-08	3.55E-08	1.52E-09	3.68E-08	8.13E-09	1.33E-08	2.11E-08	3.71E-09	1.86E-08	1.03E-07
658	490686.72	3860035.12	1.32E-04	1.61E-04	1.41E-04	4.56E-08	1.38E-07	7.98E-08	9.77E-08	8.86E-08	4.04E-08	3.54E-08	1.52E-09	3.68E-08	8.12E-09	1.33E-08	2.10E-08	3.71E-09	1.86E-08	1.03E-07
659	490736.72	3860035.12	1.32E-04	1.62E-04	1.42E-04	4.58E-08	1.38E-07	8.00E-08	9.80E-08	8.89E-08	4.05E-08	3.56E-08	1.53E-09	3.69E-08	8.15E-09	1.33E-08	2.11E-08	3.72E-09	1.87E-08	1.03E-07
660	490786.72	3860035.12	1.32E-04	1.62E-04	1.42E-04	4.57E-08	1.38E-07	7.99E-08	9.79E-08	8.87E-08	4.05E-08	3.55E-08	1.53E-09	3.69E-08	8.14E-09	1.33E-08	2.11E-08	3.72E-09	1.86E-08	1.03E-07
661	490836.72	3860035.12	1.32E-04	1.61E-04	1.42E-04	4.57E-08	1.38E-07	7.98E-08	9.78E-08	8.86E-08	4.04E-08	3.55E-08	1.52E-09	3.68E-08	8.13E-09	1.33E-08	2.11E-08	3.71E-09	1.86E-08	1.03E-07
662	490086.72	3860085.12	1.37E-04	1.68E-04	1.48E-04	4.76E-08	1.44E-07	8.32E-08	1.02E-07	9.24E-08	4.21E-08	3.70E-08	1.59E-09	3.84E-08	8.47E-09	1.38E-08	2.19E-08	3.87E-09	1.94E-08	1.07E-07
663	490136.72	3860085.12	1.36E-04	1.67E-04	1.46E-04	4.72E-08	1.43E-07	8.25E-08	1.01E-07	9.16E-08	4.18E-08	3.66E-08	1.58E-09	3.81E-08	8.40E-09	1.37E-08	2.18E-08	3.84E-09	1.92E-08	1.07E-07
664	490186.72	3860085.12	1.36E-04	1.66E-04	1.46E-04	4.70E-08	1.42E-07	8.22E-08	1.01E-07	9.12E-08	4.16E-08	3.65E-08	1.57E-09	3.79E-08	8.37E-09	1.37E-08	2.17E-08	3.82E-09	1.92E-08	1.06E-07
665	490236.72	3860085.12	1.35E-04	1.65E-04	1.45E-04	4.67E-08	1.41E-07	8.16E-08	1.00E-07	9.06E-08	4.14E-08	3.63E-08	1.56E-09	3.77E-08	8.31E-09	1.36E-08	2.15E-08	3.80E-09	1.90E-08	1.05E-07
666	490286.72	3860085.12	1.34E-04	1.64E-04	1.44E-04	4.64E-08	1.40E-07	8.11E-08	9.93E-08	9.00E-08	4.11E-08	3.60E-08	1.55E-09	3.74E-08	8.26E-09	1.35E-08	2.14E-08	3.77E-09	1.89E-08	1.05E-07
667	490336.72	3860085.12	1.33E-04	1.63E-04	1.43E-04	4.60E-08	1.39E-07	8.05E-08	9.85E-08	8.93E-08	4.08E-08	3.57E-08	1.54E-09	3.71E-08	8.19E-09	1.34E-08	2.12E-08	3.74E-09	1.88E-08	1.04E-07
668	490386.72	3860085.12	1.32E-04	1.61E-04	1.42E-04	4.57E-08	1.38E-07	7.99E-08	9.78E-08	8.87E-08	4.05E-08	3.55E-08	1.53E-09	3.69E-08	8.13E-09	1.33E-08	2.11E-08	3.71E-09	1.86E-08	1.03E-07
669	490436.72	3860085.12	1.31E-04	1.60E-04	1.41E-04	4.54E-08	1.37E-07	7.93E-08	9.71E-08	8.80E-08	4.02E-08	3.52E-08	1.51E-09	3.66E-08	8.07E-09	1.32E-08	2.09E-08	3.69E-09	1.85E-08	1.02E-07
670	490486.72	3860085.12	1.30E-04	1.59E-04	1.40E-04	4.50E-08	1.36E-07	7.87E-08	9.64E-08	8.74E-08	3.99E-08	3.50E-08	1.50E-09	3.63E-08	8.01E-09	1.31E-08	2.08E-08	3.66E-09	1.84E-08	1.02E-07
671	490536.72	3860085.12	1.29E-04	1.58E-04	1.39E-04	4.48E-08	1.35E-07	7.83E-08	9.59E-08	8.69E-08	3.97E-08	3.48E-08	1.50E-09	3.61E-08	7.97E-09	1.30E-08	2.07E-08	3.64E-09	1.83E-08	1.01E-07
672	490586.72	3860085.12	1.29E-04	1.58E-04	1.38E-04	4.46E-08	1.35E-07	7.79E-08	9.54E-08	8.65E-08	3.95E-08	3.46E-08	1.49E-09	3.60E-08	7.94E-09	1.30E-08	2.06E-08	3.62E-09	1.82E-08	1.01E-07
673	490636.72	3860085.12	1.28E-04	1.57E-04	1.37E-04	4.44E-08	1.34E-07	7.76E-08	9.50E-08	8.61E-08	3.93E-08	3.45E-08	1.48E-09	3.58E-08	7.90E-09	1.29E-08	2.05E-08	3.61E-09	1.81E-08	1.00E-07
674	490686.72	3860085.12	1.28E-04	1.56E-04	1.37E-04	4.43E-08	1.34E-07	7.74E-08	9.47E-08	8.59E-08	3.92E-08	3.44E-08	1.48E-09	3.57E-08	7.88E-09	1.29E-08	2.04E-08	3.60E-09	1.80E-08	1.00E-07
675	490736.72	3860085.12	1.28E-04	1.56E-04	1.37E-04	4.42E-08	1.34E-07	7.73E-08	9.47E-08	8.58E-08	3.92E-08	3.43E-08	1.48E-09	3.57E-08	7.87E-09	1.29E-08	2.04E-08	3.59E-09	1.80E-08	9.99E-08
676	490786.72	3860085.12	1.28E-04	1.56E-04	1.37E-04	4.42E-08	1.33E-07	7.73E-08	9.46E-08	8.58E-08	3.91E-08	3.43E-08	1.48E-09	3.57E-08	7.87E-09	1.28E-08	2.04E-08	3.59E-09	1.80E-08	9.98E-08
677	490836.72	3860085.12	1.27E-04	1.56E-04	1.37E-04	4.41E-08	1.33E-07	7.71E-08	9.44E-08	8.56E-08	3.91E-08	3.43E-08	1.47E-09	3.56E-08	7.85E-09	1.28E-08	2.03E-08	3.58E-09	1.80E-08	9.96E-08
678	490086.72	3860135.12	1.33E-04	1.63E-04	1.43E-04	4.61E-08	1.39E-07	8.05E-08	9.86E-08	8.94E-08	4.08E-08	3.58E-08	1.54E-09	3.72E-08	8.20E-09	1.34E-08	2.12E-08	3.74E-09	1.88E-08	1.04E-07
679	490136.72	3860135.12	1.33E-04	1.62E-04	1.42E-04	4.59E-08	1.39E-07	8.03E-08	9.84E-08	8.92E-08	4.07E-08	3.57E-08	1.53E-09	3.71E-08	8.18E-09	1.34E-08	2.12E-08	3.73E-09	1.87E-08	1.04E-07
680	490186.72	3860135.12	1.32E-04	1.62E-04	1.42E-04	4.58E-08	1.38E-07	8.01E-08	9.80E-08	8.89E-08	4.06E-08	3.56E-08	1.53E-09	3.69E-08	8.15E-09	1.33E-08	2.11E-08	3.72E-09	1.87E-08	1.03E-07
681	490236.72	3860135.12	1.31E-04	1.61E-04	1.41E-04	4.55E-08	1.38E-07	7.96E-08	9.75E-08	8.84E-08	4.03E-08	3.54E-08	1.52E-09	3.67E-08	8.11E-09	1.32E-08	2.10E-08	3.70E-09	1.86E-08	1.03E-07
682	490286.72	3860135.12	1.31E-04	1.60E-04	1.40E-04	4.53E-08	1.37E-07	7.92E-08	9.69E-08	8.79E-08	4.01E-08	3.52E-08	1.51E-09	3.65E-08	8.06E-09	1.32E-08	2.09E-08	3.68E-09	1.85E-08	1.02E-07
683	490336.72	3860135.12	1.30E-04	1.59E-04	1.39E-04	4.50E-08	1.36E-07	7.86E-08	9.63E-08	8.73E-08	3.98E-08	3.49E-08	1.50E-09	3.63E-08	8.01E-09	1.31E-08	2.07E-08	3.66E-09	1.83E-08	1.02E-07
684	490386.72	3860135.12	1.29E-04	1.58E-04	1.38E-04	4.47E-08	1.35E-07	7.81E-08	9.56E-08	8.67E-08	3.95E-08	3.47E-08	1.49E-09	3.60E-08	7.95E-09	1.30E-08	2.06E-08	3.63E-09	1.82E-08	1.01E-07
685	490436.72	3860135.12	1.28E-04	1.57E-04	1.37E-04	4.43E-08	1.34E-07	7.74E-08	9.48E-08	8.60E-08	3.92E-08	3.44E-08	1.48E-09	3.57E-08	7.89E-09	1.29E-08	2.04E-08	3.60E-09	1.81E-08	1.00E-07
686	490486.72	3860135.12	1.27E-04	1.55E-04	1.36E-04	4.40E-08	1.33E-07	7.69E-08	9.42E-08	8.54E-08	3.89E-08	3.42E-08	1.47E-09	3.55E-08	7.83E-09	1.28E-08	2.03E-08	3.57E-09	1.79E-08	9.93E-08
687	490536.72	3860135.12	1.26E-04	1.55E-04	1.36E-04	4.37E-08	1.32E-07	7.64E-08	9.36E-08	8.49E-08	3.87E-08	3.40E-08	1.46E-09	3.53E-08	7.78E-09	1.27E-08	2.02E-08	3.55E-09	1.78E-08	9.88E-08
688	490586.72	3860135.12	1.25E-04	1.54E-04	1.35E-04	4.35E-08	1.31E-07	7.60E-08	9.31E-08	8.44E-08	3.85E-08	3.38E-08	1.45E-09	3.51E-08	7.74E-09	1.26E-08	2.00E-08	3.53E-09	1.77E-08	9.82E-08
689	490636.72	3860135.12	1.25E-04	1.53E-04	1.34E-04	4.32E-08	1.31E-07	7.56E-08	9.25E-08	8.39E-08	3.83E-08	3.36E-08	1.44E-09	3.49E-08	7.69E-09	1.26E-08	1.99E-08	3.51E-09	1.76E-08	9.76E-08
690	490686.72	3860135.12	1.24E-04	1.52E-04	1.33E-04	4.30E-08	1.30E-07	7.52E-08	9.21E-08	8.35E-08	3.81E-08	3.34E-08	1.44E-09	3.47E-08	7.66E-09	1.25E-08	1.98E-08	3.50E-09	1.75E-08	9.71E-08
691	490736.72	3860135.12	1.24E-04	1.51E-04	1.33E-04	4.29E-08	1.29E-07	7.49E-08	9.18E-08	8.32E-08	3.80E-08	3.33E-08	1.43E-09	3.46E-08	7.63E-09	1.25E-08	1.98E-08	3.48E-09	1.75E-08	9.68E-08
692	490786.72	3860135.12	1.24E-04	1.51E-04	1.33E-04	4.28E-08	1.29E-07	7.48E-08	9.17E-08	8.31E-08	3.79E-08	3.32E-08	1.43E-09	3.45E-08	7.62E-09	1.24E-08	1.97E-08	3.48E-09	1.74E-08	9.67E-08
693	490836.72	3860135.12	1.23E-04	1.51E-04	1.32E-04	4.27E-08	1.29E-07	7.46E-08	9.14E-08	8.28E-08	3.78E-08	3.31E-08	1.43E-09	3.44E-08	7.60E-09	1.24E-08	1.97E-08	3.47E-09	1.74E-08	9.64E-08
694	490086.72	3860185.12	1.29E-04	1.58E-04	1.39E-04	4.47E-08	1.35E-07	7.82E-08	9.58E-08	8.68E-08	3.96E-08	3.47E-08	1.49E-09	3.61E-08	7.96E-09	1.30E-08	2.06E-08	3.64E-09	1.82E-08	1.01E-07
695	490136.72	3860185.12	1.29E-04	1.58E-04	1.39E-04	4.47E-08	1.35E-07	7.82E-08	9.57E-08	8.68E-08	3.96E-08	3.47E-08	1.49E-09	3.61E-08	7.96E-09	1.30E-08	2.06E-08	3.63E-09	1.82E-08	1.01E-07
696	490186.72	3860185.12	1.29E-04	1.58E-04	1.38E-04	4.46E-08	1.35E-07	7.80E-08	9.55E-08	8.66E-08	3.95E-08	3.46E-08	1.49E-09	3.60E-08	7.94E-09	1.30E-08	2.06E-08	3.63E-09	1.82E-08	1.01E-07
697	490236.72	3860185.12	1.28E-04	1.57E-04	1.38E-04	4.44E-08	1.34E-07	7.76E-08	9.51E-08	8.62E-08	3.93E-08	3.45E-08	1.48E-09	3.58E-08	7.91E-09	1.29E-08	2.05E-08	3.61E-09	1.81E-08	1.00E-07
698	490286.72	3860185.12	1.28E-04	1.56E-04	1.37E-04	4.42E-08	1.33E-07	7.72E-08	9.46E-08	8.58E-08	3.91E-08	3.43E-08	1.48E-09	3.56E-08	7.87E-09	1.28E-08	2.04E-08	3.59E-09	1.80E-08	9.98E-08
699	490336.72	3860185.12	1.27E-04	1.55E-04	1.36E-04	4.39E-08	1.33E-07	7.68E-08	9.40E-08	8.52E-08	3.89E-08	3.41E-08	1.47E-09	3.54E-08	7.82E-09	1.28E-08	2.03E-08	3.57E-09	1.79E-08	9.92E-08
700	490386.72	3860185.12	1.26E-04	1.54E-04	1.35E-04	4.36E-08	1.32E-07	7.63E-08	9.34E-08	8.47E-08	3.86E-08	3.39E-08	1.46E-09	3.52E-08	7.77E-09	1.27E-08	2.01E-08	3.55E-09	1.78E-08	9.86E-08
701	490436.72	3860185.12	1.25E-04	1.53E-04	1.34E-04	4.33E-08	1.31E-07	7.57E-08	9.28E-08	8.41E-08	3.84E-08	3.36E-08	1.45E-09	3.50E-08	7.71E-09	1.26E-08	2.00E-08	3.52E-09	1.77E-08	9.79E-08
702	490486.72	3860185.12	1.24E-04	1.52E-04	1.33E-04	4.30E-08	1.30E-07	7.52E-08	9.21E-08	8.35E-08	3.81E-08	3.34E-08	1.44E-09	3.47E-08	7.66E-09	1.25E-08	1.98E-08	3.50E-09	1.75E-08	9.71E-08
703	490536.72	3860185.12	1.23E-04	1.51E-04	1.32E-04	4.27E-08	1.29E-07	7.47E-08	9.15E-08	8.29E-08	3.78E-08	3.32E-08	1.43E-09	3.45E-08	7.61E-09	1.24E-08	1.97E-08	3.47E-09	1.74E-08	9.65E-08
704	490586.72	3860185.12	1.23E-04	1.50E-04	1.32E-04	4.25E-08	1.28E-07	7.43E-08	9.10E-08	8.25E-08	3.76E-08	3.30E-08	1.42E-09	3.43E-08	7.56E-09	1.24E-08	1.96E-08	3.45E-09	1.73E-08	9.60E-08
705	490636.72	3860185.12	1.22E-04	1.49E-04	1.31E-04	4.22E-08	1.27E-07	7.38E-08	9.03E-08	8.19E-08	3.74E-08	3.28E-08	1.41E-09	3.40E-08	7.51E-09	1.23E-08	1.95E-08	3.43E-09	1.72E-08	9.53E-08
706	490686.72	3860185.12	1.21E-04	1.48E-04	1.30E-04	4.20E-08	1.27E-07	7.34E-08	8.99E-08	8.15E-08	3.72E-08	3.26E-08	1.40E-09	3.39E-08	7.47E-09	1.22E-08	1.94E-08	3.41E-09	1.71E-08	9.48E-08
707	490736.72	3860185.12	1.20E-04	1.47E-04	1.29E-04	4.17E-08	1.26E-07	7.29E-08	8.93E-08	8.10E-08	3.70E-08	3.24E-08	1.39E-09	3.37E-08	7.43E-09	1.21E-08	1.92E-08	3.39E-09	1.70E-08	9.43E-08
708	490786.72	3860185.12	1.20E-04	1.47E-04	1.29E-04	4.16E-08	1.26E-07	7.27E-08	8.90E-08	8.07E-08	3.68E-08	3.23E-08	1.39E-09	3.35E-08	7.40E-09	1.21E-08	1.92E-08	3.38E-09	1.69E-08	9.39E-08

709	490836.72	3860185.12	1.20E-04	1.46E-04	1.28E-04	4.14E-08	1.25E-07	7.24E-08	8.87E-08	8.04E-08	3.67E-08	3.22E-08	1.38E-09	3.34E-08	7.38E-09	1.20E-08	1.91E-08	3.37E-09	1.69E-08	9.36E-08
710	490086.72	3860235.12	1.26E-04	1.54E-04	1.35E-04	4.35E-08	1.31E-07	7.60E-08	9.31E-08	8.44E-08	3.85E-08	3.38E-08	1.45E-09	3.51E-08	7.74E-09	1.26E-08	2.01E-08	3.53E-09	1.77E-08	9.82E-08
711	490136.72	3860235.12	1.25E-04	1.54E-04	1.35E-04	4.35E-08	1.31E-07	7.60E-08	9.31E-08	8.44E-08	3.85E-08	3.38E-08	1.45E-09	3.51E-08	7.74E-09	1.26E-08	2.01E-08	3.53E-09	1.77E-08	9.82E-08
712	490186.72	3860235.12	1.25E-04	1.54E-04	1.35E-04	4.34E-08	1.31E-07	7.59E-08	9.30E-08	8.43E-08	3.85E-08	3.37E-08	1.45E-09	3.50E-08	7.73E-09	1.26E-08	2.00E-08	3.53E-09	1.77E-08	9.81E-08
713	490236.72	3860235.12	1.25E-04	1.53E-04	1.34E-04	4.33E-08	1.31E-07	7.57E-08	9.27E-08	8.41E-08	3.84E-08	3.36E-08	1.45E-09	3.49E-08	7.71E-09	1.26E-08	2.00E-08	3.52E-09	1.76E-08	9.78E-08
714	490286.72	3860235.12	1.24E-04	1.52E-04	1.34E-04	4.31E-08	1.30E-07	7.54E-08	9.23E-08	8.37E-08	3.82E-08	3.35E-08	1.44E-09	3.48E-08	7.68E-09	1.25E-08	1.99E-08	3.50E-09	1.76E-08	9.74E-08
715	490336.72	3860235.12	1.24E-04	1.52E-04	1.33E-04	4.29E-08	1.30E-07	7.50E-08	9.19E-08	8.33E-08	3.80E-08	3.33E-08	1.43E-09	3.46E-08	7.64E-09	1.25E-08	1.98E-08	3.49E-09	1.75E-08	9.69E-08
716	490386.72	3860235.12	1.23E-04	1.51E-04	1.32E-04	4.27E-08	1.29E-07	7.46E-08	9.13E-08	8.28E-08	3.78E-08	3.31E-08	1.42E-09	3.44E-08	7.59E-09	1.24E-08	1.97E-08	3.47E-09	1.74E-08	9.64E-08
717	490436.72	3860235.12	1.22E-04	1.50E-04	1.31E-04	4.24E-08	1.28E-07	7.41E-08	9.08E-08	8.23E-08	3.76E-08	3.29E-08	1.42E-09	3.42E-08	7.55E-09	1.23E-08	1.96E-08	3.45E-09	1.73E-08	9.58E-08
718	490486.72	3860235.12	1.22E-04	1.49E-04	1.30E-04	4.21E-08	1.27E-07	7.36E-08	9.01E-08	8.17E-08	3.73E-08	3.27E-08	1.41E-09	3.40E-08	7.49E-09	1.22E-08	1.94E-08	3.42E-09	1.72E-08	9.51E-08
719	490536.72	3860235.12	1.21E-04	1.48E-04	1.30E-04	4.18E-08	1.26E-07	7.31E-08	8.95E-08	8.12E-08	3.70E-08	3.25E-08	1.40E-09	3.37E-08	7.44E-09	1.22E-08	1.93E-08	3.40E-09	1.70E-08	9.45E-08
720	490586.72	3860235.12	1.20E-04	1.47E-04	1.29E-04	4.16E-08	1.25E-07	7.26E-08	8.90E-08	8.07E-08	3.68E-08	3.23E-08	1.39E-09	3.35E-08	7.40E-09	1.21E-08	1.92E-08	3.38E-09	1.69E-08	9.39E-08
721	490636.72	3860235.12	1.19E-04	1.46E-04	1.28E-04	4.13E-08	1.25E-07	7.22E-08	8.84E-08	8.01E-08	3.66E-08	3.21E-08	1.38E-09	3.33E-08	7.35E-09	1.20E-08	1.90E-08	3.36E-09	1.68E-08	9.33E-08
722	490686.72	3860235.12	1.18E-04	1.45E-04	1.27E-04	4.10E-08	1.24E-07	7.17E-08	8.79E-08	7.96E-08	3.63E-08	3.19E-08	1.37E-09	3.31E-08	7.30E-09	1.19E-08	1.89E-08	3.34E-09	1.67E-08	9.27E-08
723	490736.72	3860235.12	1.18E-04	1.44E-04	1.26E-04	4.08E-08	1.23E-07	7.13E-08	8.73E-08	7.92E-08	3.61E-08	3.17E-08	1.36E-09	3.29E-08	7.26E-09	1.19E-08	1.88E-08	3.31E-09	1.66E-08	9.21E-08
724	490786.72	3860235.12	1.17E-04	1.43E-04	1.26E-04	4.06E-08	1.22E-07	7.09E-08	8.68E-08	7.87E-08	3.59E-08	3.15E-08	1.35E-09	3.27E-08	7.22E-09	1.18E-08	1.87E-08	3.30E-09	1.65E-08	9.16E-08
725	490086.72	3860285.12	1.22E-04	1.49E-04	1.31E-04	4.23E-08	1.28E-07	7.39E-08	9.05E-08	8.20E-08	3.74E-08	3.28E-08	1.41E-09	3.41E-08	7.52E-09	1.23E-08	1.95E-08	3.43E-09	1.72E-08	9.54E-08
726	490136.72	3860285.12	1.22E-04	1.49E-04	1.31E-04	4.23E-08	1.28E-07	7.39E-08	9.05E-08	8.21E-08	3.74E-08	3.28E-08	1.41E-09	3.41E-08	7.53E-09	1.23E-08	1.95E-08	3.44E-09	1.72E-08	9.55E-08
727	490186.72	3860285.12	1.22E-04	1.49E-04	1.31E-04	4.23E-08	1.28E-07	7.39E-08	9.05E-08	8.20E-08	3.74E-08	3.28E-08	1.41E-09	3.41E-08	7.52E-09	1.23E-08	1.95E-08	3.43E-09	1.72E-08	9.54E-08
728	490236.72	3860285.12	1.22E-04	1.49E-04	1.31E-04	4.22E-08	1.27E-07	7.38E-08	9.04E-08	8.19E-08	3.74E-08	3.28E-08	1.41E-09	3.40E-08	7.51E-09	1.23E-08	1.95E-08	3.43E-09	1.72E-08	9.53E-08
729	490286.72	3860285.12	1.21E-04	1.49E-04	1.30E-04	4.21E-08	1.27E-07	7.35E-08	9.01E-08	8.16E-08	3.73E-08	3.27E-08	1.40E-09	3.39E-08	7.49E-09	1.22E-08	1.94E-08	3.42E-09	1.71E-08	9.50E-08
730	490336.72	3860285.12	1.21E-04	1.48E-04	1.30E-04	4.19E-08	1.26E-07	7.32E-08	8.97E-08	8.13E-08	3.71E-08	3.25E-08	1.40E-09	3.38E-08	7.46E-09	1.22E-08	1.93E-08	3.40E-09	1.71E-08	9.46E-08
731	490386.72	3860285.12	1.20E-04	1.47E-04	1.29E-04	4.17E-08	1.26E-07	7.29E-08	8.93E-08	8.10E-08	3.69E-08	3.24E-08	1.39E-09	3.36E-08	7.42E-09	1.21E-08	1.92E-08	3.39E-09	1.70E-08	9.42E-08
732	490436.72	3860285.12	1.20E-04	1.47E-04	1.29E-04	4.15E-08	1.25E-07	7.25E-08	8.88E-08	8.05E-08	3.67E-08	3.22E-08	1.39E-09	3.35E-08	7.38E-09	1.21E-08	1.91E-08	3.37E-09	1.69E-08	9.37E-08
733	490486.72	3860285.12	1.19E-04	1.46E-04	1.28E-04	4.12E-08	1.24E-07	7.21E-08	8.83E-08	8.00E-08	3.65E-08	3.20E-08	1.38E-09	3.33E-08	7.34E-09	1.20E-08	1.90E-08	3.35E-09	1.68E-08	9.31E-08
734	490536.72	3860285.12	1.18E-04	1.45E-04	1.27E-04	4.09E-08	1.24E-07	7.16E-08	8.77E-08	7.95E-08	3.63E-08	3.18E-08	1.37E-09	3.30E-08	7.29E-09	1.19E-08	1.89E-08	3.33E-09	1.67E-08	9.25E-08
735	490586.72	3860285.12	1.17E-04	1.44E-04	1.26E-04	4.07E-08	1.23E-07	7.11E-08	8.70E-08	7.89E-08	3.60E-08	3.16E-08	1.36E-09	3.28E-08	7.24E-09	1.18E-08	1.87E-08	3.30E-09	1.66E-08	9.18E-08
736	490636.72	3860285.12	1.17E-04	1.43E-04	1.25E-04	4.04E-08	1.22E-07	7.06E-08	8.65E-08	7.84E-08	3.58E-08	3.14E-08	1.35E-09	3.26E-08	7.19E-09	1.17E-08	1.86E-08	3.28E-09	1.65E-08	9.13E-08
737	490686.72	3860285.12	1.16E-04	1.42E-04	1.24E-04	4.02E-08	1.21E-07	7.02E-08	8.60E-08	7.79E-08	3.56E-08	3.12E-08	1.34E-09	3.24E-08	7.15E-09	1.17E-08	1.85E-08	3.26E-09	1.64E-08	9.07E-08
738	490736.72	3860285.12	1.15E-04	1.41E-04	1.24E-04	3.99E-08	1.20E-07	6.98E-08	8.54E-08	7.74E-08	3.53E-08	3.10E-08	1.33E-09	3.22E-08	7.10E-09	1.16E-08	1.84E-08	3.24E-09	1.63E-08	9.01E-08
739	490786.72	3860285.12	1.14E-04	1.40E-04	1.23E-04	3.97E-08	1.20E-07	6.94E-08	8.49E-08	7.70E-08	3.51E-08	3.08E-08	1.32E-09	3.20E-08	7.06E-09	1.15E-08	1.83E-08	3.22E-09	1.62E-08	8.96E-08
740	490086.72	3860335.12	1.18E-04	1.45E-04	1.27E-04	4.10E-08	1.24E-07	7.17E-08	8.79E-08	7.96E-08	3.63E-08	3.19E-08	1.37E-09	3.31E-08	7.30E-09	1.19E-08	1.89E-08	3.34E-09	1.67E-08	9.27E-08
741	490136.72	3860335.12	1.19E-04	1.45E-04	1.27E-04	4.11E-08	1.24E-07	7.19E-08	8.80E-08	7.98E-08	3.64E-08	3.19E-08	1.37E-09	3.32E-08	7.32E-09	1.20E-08	1.90E-08	3.34E-09	1.68E-08	9.29E-08
742	490186.72	3860335.12	1.19E-04	1.45E-04	1.27E-04	4.11E-08	1.24E-07	7.19E-08	8.80E-08	7.98E-08	3.64E-08	3.19E-08	1.37E-09	3.32E-08	7.32E-09	1.19E-08	1.90E-08	3.34E-09	1.68E-08	9.29E-08
743	490236.72	3860335.12	1.19E-04	1.45E-04	1.27E-04	4.11E-08	1.24E-07	7.19E-08	8.80E-08	7.98E-08	3.64E-08	3.19E-08	1.37E-09	3.32E-08	7.32E-09	1.20E-08	1.90E-08	3.34E-09	1.68E-08	9.29E-08
744	490286.72	3860335.12	1.18E-04	1.45E-04	1.27E-04	4.10E-08	1.24E-07	7.17E-08	8.78E-08	7.96E-08	3.63E-08	3.19E-08	1.37E-09	3.31E-08	7.30E-09	1.19E-08	1.89E-08	3.33E-09	1.67E-08	9.27E-08
745	490336.72	3860335.12	1.18E-04	1.45E-04	1.27E-04	4.09E-08	1.23E-07	7.15E-08	8.75E-08	7.94E-08	3.62E-08	3.18E-08	1.37E-09	3.30E-08	7.28E-09	1.19E-08	1.89E-08	3.32E-09	1.67E-08	9.24E-08
746	490386.72	3860335.12	1.18E-04	1.44E-04	1.26E-04	4.07E-08	1.23E-07	7.12E-08	8.72E-08	7.91E-08	3.61E-08	3.16E-08	1.36E-09	3.29E-08	7.25E-09	1.18E-08	1.88E-08	3.31E-09	1.66E-08	9.20E-08
747	490436.72	3860335.12	1.17E-04	1.43E-04	1.26E-04	4.06E-08	1.22E-07	7.09E-08	8.68E-08	7.87E-08	3.59E-08	3.15E-08	1.35E-09	3.27E-08	7.22E-09	1.18E-08	1.87E-08	3.30E-09	1.65E-08	9.16E-08
748	490486.72	3860335.12	1.16E-04	1.43E-04	1.25E-04	4.03E-08	1.22E-07	7.05E-08	8.64E-08	7.83E-08	3.57E-08	3.13E-08	1.35E-09	3.25E-08	7.18E-09	1.17E-08	1.86E-08	3.28E-09	1.64E-08	9.11E-08
749	490536.72	3860335.12	1.16E-04	1.42E-04	1.24E-04	4.01E-08	1.21E-07	7.01E-08	8.59E-08	7.79E-08	3.55E-08	3.12E-08	1.34E-09	3.24E-08	7.14E-09	1.17E-08	1.85E-08	3.26E-09	1.63E-08	9.06E-08
750	490586.72	3860335.12	1.15E-04	1.41E-04	1.23E-04	3.98E-08	1.20E-07	6.96E-08	8.53E-08	7.73E-08	3.53E-08	3.09E-08	1.33E-09	3.21E-08	7.09E-09	1.16E-08	1.84E-08	3.24E-09	1.62E-08	9.00E-08
751	490636.72	3860335.12	1.14E-04	1.40E-04	1.23E-04	3.96E-08	1.20E-07	6.92E-08	8.48E-08	7.68E-08	3.51E-08	3.07E-08	1.32E-09	3.19E-08	7.05E-09	1.15E-08	1.83E-08	3.22E-09	1.61E-08	8.94E-08
752	490686.72	3860335.12	1.14E-04	1.39E-04	1.22E-04	3.93E-08	1.19E-07	6.88E-08	8.42E-08	7.63E-08	3.48E-08	3.05E-08	1.31E-09	3.17E-08	7.00E-09	1.14E-08	1.81E-08	3.20E-09	1.60E-08	8.88E-08
753	490736.72	3860335.12	1.13E-04	1.38E-04	1.21E-04	3.91E-08	1.18E-07	6.83E-08	8.37E-08	7.59E-08	3.46E-08	3.04E-08	1.31E-09	3.15E-08	6.96E-09	1.14E-08	1.80E-08	3.18E-09	1.59E-08	8.83E-08
754	490786.72	3860335.12	1.12E-04	1.37E-04	1.20E-04	3.89E-08	1.17E-07	6.80E-08	8.32E-08	7.55E-08	3.44E-08	3.02E-08	1.30E-09	3.14E-08	6.92E-09	1.13E-08	1.79E-08	3.16E-09	1.58E-08	8.78E-08
755	490086.72	3860385.12	1.15E-04	1.41E-04	1.24E-04	3.99E-08	1.20E-07	6.97E-08	8.54E-08	7.74E-08	3.53E-08	3.10E-08	1.33E-09	3.22E-08	7.10E-09	1.16E-08	1.84E-08	3.24E-09	1.63E-08	9.01E-08
756	490136.72	3860385.12	1.15E-04	1.41E-04	1.24E-04	4.00E-08	1.21E-07	6.99E-08	8.56E-08	7.76E-08	3.54E-08	3.10E-08	1.34E-09	3.23E-08	7.12E-09	1.16E-08	1.84E-08	3.25E-09	1.63E-08	9.03E-08
757	490186.72	3860385.12	1.15E-04	1.41E-04	1.24E-04	4.00E-08	1.21E-07	6.99E-08	8.56E-08	7.76E-08	3.54E-08	3.10E-08	1.34E-09	3.22E-08	7.12E-09	1.16E-08	1.84E-08	3.25E-09	1.63E-08	9.03E-08
758	490236.72	3860385.12	1.15E-04	1.41E-04	1.24E-04	4.00E-08	1.21E-07	6.99E-08	8.56E-08	7.76E-08	3.54E-08	3.11E-08	1.34E-09	3.23E-08	7.12E-09	1.16E-08	1.84E-08	3.25E-09	1.63E-08	9.04E-08
759	490286.72	3860385.12	1.15E-04	1.41E-04	1.24E-04	4.00E-08	1.21E-07	6.98E-08	8.55E-08	7.76E-08	3.54E-08	3.10E-08	1.33E-09	3.22E-08	7.11E-09	1.16E-08	1.84E-08	3.25E-09	1.63E-08	9.03E-08
760	490336.72	3860385.12	1.15E-04	1.41E-04	1.24E-04	3.99E-08	1.20E-07	6.97E-08	8.54E-08	7.74E-08	3.53E-08	3.10E-08	1.33E-09	3.22E-08	7.10E-09	1.16E-08	1.84E-08	3.24E-09	1.63E-08	9.01E-08
761	490386.72	3860385.12	1.15E-04	1.41E-04	1.23E-04	3.98E-08	1.20E-07	6.95E-08	8.52E-08	7.72E-08	3.52E-08	3.09E-08	1.33E-09	3.21E-08	7.08E-09	1.16E-08	1.83E-08	3.23E-09	1.62E-08	8.98E-08
762	490436.72	3860385.12	1.14E-04	1.40E-04	1.23E-04	3.96E-08	1.20E-07	6.93E-08	8.48E-08	7.69E-08	3.51E-08	3.08E-08	1.32E-09	3.20E-08	7.05E-09	1.15E-08	1.83E-08	3.22E-09	1.61E-08	8.95E-08
763	490486.72	3860385.12	1.14E-04	1.40E-04	1.22E-04	3.95E-08	1.19E-07	6.90E-08	8.45E-08	7.66E-08	3.50E-08	3.07E-08	1.32E-09	3.18E-08	7.03E-09	1.15E-08	1.82E-08	3.21E-09	1.61E-08	8.92E-08

764	490536.72	3860385.12	1.13E-04	1.39E-04	1.22E-04	3.93E-08	1.19E-07	6.87E-08	8.41E-08	7.62E-08	3.48E-08	3.05E-08	1.31E-09	3.17E-08	6.99E-09	1.14E-08	1.81E-08	3.19E-09	1.60E-08	8.87E-08
765	490586.72	3860385.12	1.13E-04	1.38E-04	1.21E-04	3.91E-08	1.18E-07	6.83E-08	8.36E-08	7.58E-08	3.46E-08	3.03E-08	1.30E-09	3.15E-08	6.95E-09	1.14E-08	1.80E-08	3.17E-09	1.59E-08	8.82E-08
766	490636.72	3860385.12	1.12E-04	1.37E-04	1.20E-04	3.88E-08	1.17E-07	6.78E-08	8.31E-08	7.53E-08	3.44E-08	3.01E-08	1.30E-09	3.13E-08	6.91E-09	1.13E-08	1.79E-08	3.15E-09	1.58E-08	8.77E-08
767	490686.72	3860385.12	1.11E-04	1.36E-04	1.20E-04	3.86E-08	1.16E-07	6.74E-08	8.26E-08	7.49E-08	3.42E-08	3.00E-08	1.29E-09	3.11E-08	6.87E-09	1.12E-08	1.78E-08	3.14E-09	1.57E-08	8.71E-08
768	490736.72	3860385.12	1.11E-04	1.35E-04	1.19E-04	3.83E-08	1.16E-07	6.70E-08	8.20E-08	7.43E-08	3.39E-08	2.97E-08	1.28E-09	3.09E-08	6.82E-09	1.11E-08	1.77E-08	3.11E-09	1.56E-08	8.65E-08
769	490786.72	3860385.12	1.10E-04	1.35E-04	1.18E-04	3.81E-08	1.15E-07	6.65E-08	8.15E-08	7.39E-08	3.37E-08	2.96E-08	1.27E-09	3.07E-08	6.78E-09	1.11E-08	1.76E-08	3.09E-09	1.55E-08	8.60E-08
770	490136.72	3860435.12	1.12E-04	1.37E-04	1.20E-04	3.88E-08	1.17E-07	6.79E-08	8.32E-08	7.54E-08	3.44E-08	3.02E-08	1.30E-09	3.13E-08	6.91E-09	1.13E-08	1.79E-08	3.16E-09	1.58E-08	8.77E-08
771	490186.72	3860435.12	1.12E-04	1.38E-04	1.21E-04	3.89E-08	1.17E-07	6.80E-08	8.33E-08	7.55E-08	3.45E-08	3.02E-08	1.30E-09	3.14E-08	6.93E-09	1.13E-08	1.79E-08	3.16E-09	1.59E-08	8.79E-08
772	490236.72	3860435.12	1.12E-04	1.38E-04	1.21E-04	3.89E-08	1.18E-07	6.81E-08	8.34E-08	7.56E-08	3.45E-08	3.02E-08	1.30E-09	3.14E-08	6.93E-09	1.13E-08	1.80E-08	3.16E-09	1.59E-08	8.79E-08
773	490286.72	3860435.12	1.12E-04	1.38E-04	1.21E-04	3.89E-08	1.18E-07	6.80E-08	8.33E-08	7.55E-08	3.45E-08	3.02E-08	1.30E-09	3.14E-08	6.93E-09	1.13E-08	1.79E-08	3.16E-09	1.59E-08	8.79E-08
774	490336.72	3860435.12	1.12E-04	1.37E-04	1.20E-04	3.89E-08	1.17E-07	6.79E-08	8.32E-08	7.54E-08	3.44E-08	3.02E-08	1.30E-09	3.14E-08	6.92E-09	1.13E-08	1.79E-08	3.16E-09	1.58E-08	8.78E-08
775	490386.72	3860435.12	1.12E-04	1.37E-04	1.20E-04	3.88E-08	1.17E-07	6.78E-08	8.31E-08	7.53E-08	3.44E-08	3.01E-08	1.30E-09	3.13E-08	6.91E-09	1.13E-08	1.79E-08	3.15E-09	1.58E-08	8.76E-08
776	490436.72	3860435.12	1.12E-04	1.37E-04	1.20E-04	3.87E-08	1.17E-07	6.77E-08	8.29E-08	7.51E-08	3.43E-08	3.01E-08	1.29E-09	3.12E-08	6.89E-09	1.13E-08	1.78E-08	3.15E-09	1.58E-08	8.74E-08
777	490486.72	3860435.12	1.11E-04	1.36E-04	1.20E-04	3.86E-08	1.17E-07	6.74E-08	8.26E-08	7.49E-08	3.42E-08	3.00E-08	1.29E-09	3.11E-08	6.87E-09	1.12E-08	1.78E-08	3.14E-09	1.57E-08	8.71E-08
778	490536.72	3860435.12	1.11E-04	1.36E-04	1.19E-04	3.84E-08	1.16E-07	6.72E-08	8.23E-08	7.46E-08	3.40E-08	2.98E-08	1.28E-09	3.10E-08	6.84E-09	1.12E-08	1.77E-08	3.12E-09	1.57E-08	8.68E-08
779	490586.72	3860435.12	1.10E-04	1.35E-04	1.19E-04	3.82E-08	1.15E-07	6.68E-08	8.19E-08	7.42E-08	3.39E-08	2.97E-08	1.28E-09	3.08E-08	6.81E-09	1.11E-08	1.76E-08	3.11E-09	1.56E-08	8.64E-08
780	490636.72	3860435.12	1.10E-04	1.34E-04	1.18E-04	3.80E-08	1.15E-07	6.65E-08	8.14E-08	7.38E-08	3.37E-08	2.95E-08	1.27E-09	3.07E-08	6.77E-09	1.11E-08	1.75E-08	3.09E-09	1.55E-08	8.59E-08
781	490686.72	3860435.12	1.09E-04	1.34E-04	1.17E-04	3.78E-08	1.14E-07	6.61E-08	8.09E-08	7.34E-08	3.35E-08	2.94E-08	1.26E-09	3.05E-08	6.73E-09	1.10E-08	1.74E-08	3.07E-09	1.54E-08	8.54E-08
782	490736.72	3860435.12	1.08E-04	1.33E-04	1.16E-04	3.76E-08	1.14E-07	6.57E-08	8.05E-08	7.30E-08	3.33E-08	2.92E-08	1.26E-09	3.03E-08	6.69E-09	1.09E-08	1.73E-08	3.06E-09	1.53E-08	8.49E-08
783	490786.72	3860435.12	1.08E-04	1.32E-04	1.16E-04	3.74E-08	1.13E-07	6.53E-08	8.00E-08	7.25E-08	3.31E-08	2.90E-08	1.25E-09	3.01E-08	6.65E-09	1.09E-08	1.72E-08	3.04E-09	1.52E-08	8.44E-08
784	490136.72	3860485.12	1.09E-04	1.34E-04	1.17E-04	3.78E-08	1.14E-07	6.61E-08	8.10E-08	7.34E-08	3.35E-08	2.94E-08	1.26E-09	3.05E-08	6.73E-09	1.10E-08	1.74E-08	3.07E-09	1.54E-08	8.54E-08
785	490186.72	3860485.12	1.09E-04	1.34E-04	1.17E-04	3.79E-08	1.14E-07	6.62E-08	8.11E-08	7.35E-08	3.35E-08	2.94E-08	1.26E-09	3.05E-08	6.74E-09	1.10E-08	1.75E-08	3.08E-09	1.54E-08	8.55E-08
786	490236.72	3860485.12	1.09E-04	1.34E-04	1.17E-04	3.79E-08	1.14E-07	6.62E-08	8.11E-08	7.35E-08	3.35E-08	2.94E-08	1.27E-09	3.06E-08	6.74E-09	1.10E-08	1.75E-08	3.08E-09	1.54E-08	8.56E-08
787	490286.72	3860485.12	1.09E-04	1.34E-04	1.17E-04	3.79E-08	1.14E-07	6.63E-08	8.12E-08	7.36E-08	3.36E-08	2.94E-08	1.27E-09	3.06E-08	6.75E-09	1.10E-08	1.75E-08	3.08E-09	1.54E-08	8.56E-08
788	490336.72	3860485.12	1.09E-04	1.34E-04	1.17E-04	3.79E-08	1.14E-07	6.62E-08	8.11E-08	7.35E-08	3.35E-08	2.94E-08	1.27E-09	3.06E-08	6.74E-09	1.10E-08	1.75E-08	3.08E-09	1.54E-08	8.56E-08
789	490386.72	3860485.12	1.09E-04	1.34E-04	1.17E-04	3.79E-08	1.14E-07	6.62E-08	8.11E-08	7.35E-08	3.35E-08	2.94E-08	1.26E-09	3.05E-08	6.74E-09	1.10E-08	1.75E-08	3.08E-09	1.54E-08	8.55E-08
790	490436.72	3860485.12	1.09E-04	1.34E-04	1.17E-04	3.78E-08	1.14E-07	6.61E-08	8.10E-08	7.34E-08	3.35E-08	2.94E-08	1.26E-09	3.05E-08	6.73E-09	1.10E-08	1.74E-08	3.07E-09	1.54E-08	8.55E-08
791	490486.72	3860485.12	1.09E-04	1.33E-04	1.17E-04	3.77E-08	1.14E-07	6.59E-08	8.08E-08	7.32E-08	3.34E-08	2.93E-08	1.26E-09	3.04E-08	6.71E-09	1.10E-08	1.74E-08	3.07E-09	1.54E-08	8.52E-08
792	490536.72	3860485.12	1.08E-04	1.33E-04	1.16E-04	3.76E-08	1.13E-07	6.57E-08	8.05E-08	7.29E-08	3.33E-08	2.92E-08	1.26E-09	3.03E-08	6.69E-09	1.09E-08	1.73E-08	3.05E-09	1.53E-08	8.49E-08
793	490586.72	3860485.12	1.08E-04	1.32E-04	1.16E-04	3.74E-08	1.13E-07	6.54E-08	8.01E-08	7.26E-08	3.31E-08	2.91E-08	1.25E-09	3.02E-08	6.66E-09	1.09E-08	1.73E-08	3.04E-09	1.52E-08	8.45E-08
794	490636.72	3860485.12	1.08E-04	1.32E-04	1.15E-04	3.73E-08	1.13E-07	6.51E-08	7.98E-08	7.23E-08	3.30E-08	2.89E-08	1.24E-09	3.01E-08	6.63E-09	1.08E-08	1.72E-08	3.03E-09	1.52E-08	8.42E-08
795	490686.72	3860485.12	1.07E-04	1.31E-04	1.15E-04	3.70E-08	1.12E-07	6.48E-08	7.93E-08	7.19E-08	3.28E-08	2.88E-08	1.24E-09	2.99E-08	6.59E-09	1.08E-08	1.71E-08	3.01E-09	1.51E-08	8.37E-08
796	490736.72	3860485.12	1.06E-04	1.30E-04	1.14E-04	3.69E-08	1.11E-07	6.44E-08	7.89E-08	7.15E-08	3.26E-08	2.86E-08	1.23E-09	2.97E-08	6.56E-09	1.07E-08	1.70E-08	2.99E-09	1.50E-08	8.32E-08
797	490786.72	3860485.12	1.06E-04	1.29E-04	1.14E-04	3.66E-08	1.11E-07	6.40E-08	7.84E-08	7.11E-08	3.24E-08	2.84E-08	1.22E-09	2.96E-08	6.52E-09	1.06E-08	1.69E-08	2.98E-09	1.49E-08	8.27E-08
798	490136.72	3860535.12	1.06E-04	1.30E-04	1.14E-04	3.68E-08	1.11E-07	6.44E-08	7.88E-08	7.15E-08	3.26E-08	2.86E-08	1.23E-09	2.97E-08	6.55E-09	1.07E-08	1.70E-08	2.99E-09	1.50E-08	8.32E-08
799	490186.72	3860535.12	1.07E-04	1.31E-04	1.15E-04	3.69E-08	1.12E-07	6.46E-08	7.91E-08	7.17E-08	3.27E-08	2.87E-08	1.23E-09	2.98E-08	6.58E-09	1.07E-08	1.70E-08	3.00E-09	1.51E-08	8.34E-08
800	490236.72	3860535.12	1.06E-04	1.30E-04	1.14E-04	3.69E-08	1.11E-07	6.45E-08	7.90E-08	7.16E-08	3.27E-08	2.86E-08	1.23E-09	2.98E-08	6.57E-09	1.07E-08	1.70E-08	3.00E-09	1.50E-08	8.33E-08
801	490286.72	3860535.12	1.06E-04	1.30E-04	1.14E-04	3.69E-08	1.11E-07	6.45E-08	7.90E-08	7.16E-08	3.27E-08	2.87E-08	1.23E-09	2.98E-08	6.57E-09	1.07E-08	1.70E-08	3.00E-09	1.50E-08	8.33E-08
802	490336.72	3860535.12	1.07E-04	1.30E-04	1.14E-04	3.69E-08	1.11E-07	6.45E-08	7.90E-08	7.17E-08	3.27E-08	2.87E-08	1.23E-09	2.98E-08	6.57E-09	1.07E-08	1.70E-08	3.00E-09	1.50E-08	8.34E-08
803	490386.72	3860535.12	1.07E-04	1.31E-04	1.14E-04	3.69E-08	1.12E-07	6.46E-08	7.91E-08	7.17E-08	3.27E-08	2.87E-08	1.23E-09	2.98E-08	6.58E-09	1.07E-08	1.70E-08	3.00E-09	1.51E-08	8.34E-08
804	490436.72	3860535.12	1.07E-04	1.31E-04	1.14E-04	3.69E-08	1.12E-07	6.46E-08	7.91E-08	7.17E-08	3.27E-08	2.87E-08	1.23E-09	2.98E-08	6.58E-09	1.07E-08	1.70E-08	3.00E-09	1.51E-08	8.34E-08
805	490486.72	3860535.12	1.06E-04	1.30E-04	1.14E-04	3.69E-08	1.11E-07	6.45E-08	7.90E-08	7.16E-08	3.27E-08	2.86E-08	1.23E-09	2.98E-08	6.57E-09	1.07E-08	1.70E-08	3.00E-09	1.50E-08	8.33E-08
806	490536.72	3860535.12	1.07E-04	1.30E-04	1.14E-04	3.69E-08	1.11E-07	6.45E-08	7.90E-08	7.16E-08	3.27E-08	2.87E-08	1.23E-09	2.98E-08	6.57E-09	1.07E-08	1.70E-08	3.00E-09	1.50E-08	8.34E-08
807	490586.72	3860535.12	1.06E-04	1.30E-04	1.14E-04	3.67E-08	1.11E-07	6.41E-08	7.85E-08	7.11E-08	3.25E-08	2.85E-08	1.22E-09	2.96E-08	6.52E-09	1.07E-08	1.69E-08	2.98E-09	1.49E-08	8.28E-08
808	490636.72	3860535.12	1.05E-04	1.29E-04	1.13E-04	3.65E-08	1.10E-07	6.38E-08	7.81E-08	7.08E-08	3.23E-08	2.83E-08	1.22E-09	2.94E-08	6.50E-09	1.06E-08	1.68E-08	2.97E-09	1.49E-08	8.24E-08
809	490686.72	3860535.12	1.05E-04	1.28E-04	1.13E-04	3.63E-08	1.10E-07	6.35E-08	7.78E-08	7.05E-08	3.22E-08	2.82E-08	1.21E-09	2.93E-08	6.47E-09	1.06E-08	1.68E-08	2.95E-09	1.48E-08	8.21E-08
810	490736.72	3860535.12	1.04E-04	1.28E-04	1.12E-04	3.61E-08	1.09E-07	6.32E-08	7.73E-08	7.01E-08	3.20E-08	2.81E-08	1.21E-09	2.91E-08	6.43E-09	1.05E-08	1.67E-08	2.94E-09	1.47E-08	8.16E-08
811	490786.72	3860535.12	1.04E-04	1.27E-04	1.11E-04	3.59E-08	1.09E-07	6.28E-08	7.70E-08	6.98E-08	3.18E-08	2.79E-08	1.20E-09	2.90E-08	6.40E-09	1.04E-08	1.66E-08	2.92E-09	1.46E-08	8.12E-08
812	490136.72	3860585.12	1.04E-04	1.27E-04	1.11E-04	3.59E-08	1.09E-07	6.28E-08	7.69E-08	6.97E-08	3.18E-08	2.79E-08	1.20E-09	2.90E-08	6.40E-09	1.04E-08	1.66E-08	2.92E-09	1.46E-08	8.12E-08
813	490186.72	3860585.12	1.03E-04	1.26E-04	1.11E-04	3.58E-08	1.08E-07	6.25E-08	7.66E-08	6.94E-08	3.17E-08	2.78E-08	1.19E-09	2.89E-08	6.37E-09	1.04E-08	1.65E-08	2.91E-09	1.46E-08	8.08E-08
814	490236.72	3860585.12	1.04E-04	1.27E-04	1.11E-04	3.59E-08	1.08E-07	6.27E-08	7.68E-08	6.96E-08	3.18E-08	2.79E-08	1.20E-09	2.89E-08	6.39E-09	1.04E-08	1.65E-08	2.92E-09	1.46E-08	8.10E-08
815	490286.72	3860585.12	1.04E-04	1.27E-04	1.11E-04	3.60E-08	1.09E-07	6.28E-08	7.70E-08	6.98E-08	3.18E-08	2.79E-08	1.20E-09	2.90E-08	6.40E-09	1.04E-08	1.66E-08	2.92E-09	1.47E-08	8.12E-08
816	490336.72	3860585.12	1.04E-04	1.27E-04	1.12E-04	3.60E-08	1.09E-07	6.29E-08	7.70E-08	6.98E-08	3.19E-08	2.79E-08	1.20E-09	2.90E-08	6.40E-09	1.05E-08	1.66E-08	2.92E-09	1.47E-08	8.13E-08
817	490386.72	3860585.12	1.04E-04	1.27E-04	1.12E-04	3.60E-08	1.09E-07	6.29E-08	7.70E-08	6.98E-08	3.19E-08	2.79E-08	1.20E-09	2.90E-08	6.40E-09	1.05E-08	1.66E-08	2.92E-09	1.47E-08	8.13E-08
818	490436.72	3860585.12	1.04E-04	1.28E-04	1.12E-04	3.61E-08	1.09E-07	6.31E-08	7.73E-08	7.01E-08	3.20E-08	2.80E-08	1.21E-09	2.91E-08	6.43E-09	1.05E-08	1.66E-08	2.93E-09	1.47E-08	8.15E-08

819	490486.72	3860585.12	1.04E-04	1.28E-04	1.12E-04	3.62E-08	1.09E-07	6.32E-08	7.75E-08	7.02E-08	3.20E-08	2.81E-08	1.21E-09	2.92E-08	6.44E-09	1.05E-08	1.67E-08	2.94E-09	1.47E-08	8.17E-08
820	490536.72	3860585.12	1.04E-04	1.28E-04	1.12E-04	3.61E-08	1.09E-07	6.31E-08	7.72E-08	7.00E-08	3.20E-08	2.80E-08	1.20E-09	2.91E-08	6.42E-09	1.05E-08	1.66E-08	2.93E-09	1.47E-08	8.15E-08
821	490586.72	3860585.12	1.03E-04	1.27E-04	1.11E-04	3.58E-08	1.08E-07	6.26E-08	7.67E-08	6.95E-08	3.17E-08	2.78E-08	1.20E-09	2.89E-08	6.37E-09	1.04E-08	1.65E-08	2.91E-09	1.46E-08	8.09E-08
822	490636.72	3860585.12	1.03E-04	1.26E-04	1.11E-04	3.57E-08	1.08E-07	6.24E-08	7.65E-08	6.93E-08	3.16E-08	2.77E-08	1.19E-09	2.88E-08	6.36E-09	1.04E-08	1.65E-08	2.90E-09	1.46E-08	8.07E-08
823	490686.72	3860585.12	1.03E-04	1.26E-04	1.10E-04	3.56E-08	1.07E-07	6.22E-08	7.62E-08	6.90E-08	3.15E-08	2.76E-08	1.19E-09	2.87E-08	6.33E-09	1.03E-08	1.64E-08	2.89E-09	1.45E-08	8.04E-08
824	490736.72	3860585.12	1.02E-04	1.25E-04	1.10E-04	3.54E-08	1.07E-07	6.19E-08	7.58E-08	6.88E-08	3.14E-08	2.75E-08	1.18E-09	2.86E-08	6.31E-09	1.03E-08	1.63E-08	2.88E-09	1.44E-08	8.00E-08
825	490786.72	3860585.12	1.02E-04	1.25E-04	1.09E-04	3.52E-08	1.06E-07	6.16E-08	7.54E-08	6.84E-08	3.12E-08	2.74E-08	1.18E-09	2.84E-08	6.27E-09	1.02E-08	1.62E-08	2.86E-09	1.44E-08	7.96E-08
826	490136.72	3860635.12	1.01E-04	1.24E-04	1.09E-04	3.52E-08	1.06E-07	6.15E-08	7.53E-08	6.82E-08	3.11E-08	2.73E-08	1.17E-09	2.84E-08	6.26E-09	1.02E-08	1.62E-08	2.86E-09	1.43E-08	7.94E-08
827	490186.72	3860635.12	1.01E-04	1.24E-04	1.09E-04	3.51E-08	1.06E-07	6.13E-08	7.51E-08	6.81E-08	3.11E-08	2.72E-08	1.17E-09	2.83E-08	6.24E-09	1.02E-08	1.62E-08	2.85E-09	1.43E-08	7.92E-08
828	490236.72	3860635.12	1.01E-04	1.24E-04	1.08E-04	3.50E-08	1.06E-07	6.11E-08	7.49E-08	6.79E-08	3.10E-08	2.72E-08	1.17E-09	2.82E-08	6.22E-09	1.02E-08	1.61E-08	2.84E-09	1.43E-08	7.90E-08
829	490286.72	3860635.12	1.01E-04	1.24E-04	1.08E-04	3.50E-08	1.06E-07	6.12E-08	7.49E-08	6.79E-08	3.10E-08	2.72E-08	1.17E-09	2.82E-08	6.23E-09	1.02E-08	1.61E-08	2.84E-09	1.43E-08	7.90E-08
830	490336.72	3860635.12	1.01E-04	1.24E-04	1.09E-04	3.51E-08	1.06E-07	6.13E-08	7.50E-08	6.80E-08	3.10E-08	2.72E-08	1.17E-09	2.83E-08	6.24E-09	1.02E-08	1.62E-08	2.85E-09	1.43E-08	7.92E-08
831	490386.72	3860635.12	1.01E-04	1.24E-04	1.09E-04	3.51E-08	1.06E-07	6.13E-08	7.51E-08	6.81E-08	3.11E-08	2.72E-08	1.17E-09	2.83E-08	6.25E-09	1.02E-08	1.62E-08	2.85E-09	1.43E-08	7.93E-08
832	490436.72	3860635.12	1.01E-04	1.24E-04	1.09E-04	3.51E-08	1.06E-07	6.14E-08	7.51E-08	6.81E-08	3.11E-08	2.73E-08	1.17E-09	2.83E-08	6.25E-09	1.02E-08	1.62E-08	2.85E-09	1.43E-08	7.93E-08
833	490486.72	3860635.12	1.01E-04	1.24E-04	1.09E-04	3.51E-08	1.06E-07	6.14E-08	7.52E-08	6.81E-08	3.11E-08	2.73E-08	1.17E-09	2.83E-08	6.25E-09	1.02E-08	1.62E-08	2.85E-09	1.43E-08	7.93E-08
834	490536.72	3860635.12	1.01E-04	1.24E-04	1.09E-04	3.51E-08	1.06E-07	6.14E-08	7.52E-08	6.82E-08	3.11E-08	2.73E-08	1.17E-09	2.84E-08	6.26E-09	1.02E-08	1.62E-08	2.86E-09	1.43E-08	7.94E-08
835	490586.72	3860635.12	1.01E-04	1.24E-04	1.09E-04	3.50E-08	1.06E-07	6.12E-08	7.50E-08	6.80E-08	3.10E-08	2.72E-08	1.17E-09	2.83E-08	6.24E-09	1.02E-08	1.62E-08	2.85E-09	1.43E-08	7.91E-08
836	490636.72	3860635.12	1.01E-04	1.24E-04	1.08E-04	3.50E-08	1.06E-07	6.11E-08	7.49E-08	6.79E-08	3.10E-08	2.72E-08	1.17E-09	2.82E-08	6.22E-09	1.02E-08	1.61E-08	2.84E-09	1.42E-08	7.90E-08
837	490686.72	3860635.12	1.01E-04	1.23E-04	1.08E-04	3.49E-08	1.05E-07	6.09E-08	7.46E-08	6.77E-08	3.09E-08	2.71E-08	1.16E-09	2.81E-08	6.21E-09	1.01E-08	1.61E-08	2.83E-09	1.42E-08	7.87E-08
838	490736.72	3860635.12	1.00E-04	1.23E-04	1.08E-04	3.47E-08	1.05E-07	6.07E-08	7.43E-08	6.73E-08	3.07E-08	2.69E-08	1.16E-09	2.80E-08	6.18E-09	1.01E-08	1.60E-08	2.82E-09	1.41E-08	7.84E-08
839	490786.72	3860635.12	9.97E-05	1.22E-04	1.07E-04	3.46E-08	1.04E-07	6.04E-08	7.40E-08	6.71E-08	3.06E-08	2.68E-08	1.15E-09	2.79E-08	6.15E-09	1.00E-08	1.59E-08	2.81E-09	1.41E-08	7.81E-08
840	490136.72	3860685.12	9.87E-05	1.21E-04	1.06E-04	3.42E-08	1.03E-07	5.98E-08	7.32E-08	6.64E-08	3.03E-08	2.66E-08	1.14E-09	2.76E-08	6.09E-09	9.94E-09	1.58E-08	2.78E-09	1.39E-08	7.73E-08
841	490186.72	3860685.12	9.93E-05	1.22E-04	1.07E-04	3.44E-08	1.04E-07	6.02E-08	7.37E-08	6.68E-08	3.05E-08	2.67E-08	1.15E-09	2.78E-08	6.13E-09	1.00E-08	1.59E-08	2.80E-09	1.40E-08	7.77E-08
842	490236.72	3860685.12	9.89E-05	1.21E-04	1.06E-04	3.43E-08	1.03E-07	5.99E-08	7.33E-08	6.65E-08	3.03E-08	2.66E-08	1.14E-09	2.76E-08	6.10E-09	9.96E-09	1.58E-08	2.78E-09	1.40E-08	7.74E-08
843	490286.72	3860685.12	9.83E-05	1.20E-04	1.06E-04	3.41E-08	1.03E-07	5.95E-08	7.29E-08	6.61E-08	3.02E-08	2.65E-08	1.14E-09	2.75E-08	6.06E-09	9.90E-09	1.57E-08	2.77E-09	1.39E-08	7.69E-08
844	490336.72	3860685.12	9.86E-05	1.21E-04	1.06E-04	3.42E-08	1.03E-07	5.97E-08	7.32E-08	6.63E-08	3.03E-08	2.65E-08	1.14E-09	2.76E-08	6.08E-09	9.93E-09	1.58E-08	2.78E-09	1.39E-08	7.72E-08
845	490386.72	3860685.12	9.87E-05	1.21E-04	1.06E-04	3.42E-08	1.03E-07	5.98E-08	7.33E-08	6.64E-08	3.03E-08	2.66E-08	1.14E-09	2.76E-08	6.09E-09	9.95E-09	1.58E-08	2.78E-09	1.39E-08	7.73E-08
846	490436.72	3860685.12	9.87E-05	1.21E-04	1.06E-04	3.42E-08	1.03E-07	5.98E-08	7.32E-08	6.64E-08	3.03E-08	2.66E-08	1.14E-09	2.76E-08	6.09E-09	9.94E-09	1.58E-08	2.78E-09	1.39E-08	7.73E-08
847	490486.72	3860685.12	9.87E-05	1.21E-04	1.06E-04	3.42E-08	1.03E-07	5.98E-08	7.32E-08	6.63E-08	3.03E-08	2.65E-08	1.14E-09	2.76E-08	6.09E-09	9.94E-09	1.58E-08	2.78E-09	1.39E-08	7.72E-08
848	490536.72	3860685.12	9.87E-05	1.21E-04	1.06E-04	3.42E-08	1.03E-07	5.98E-08	7.32E-08	6.64E-08	3.03E-08	2.66E-08	1.14E-09	2.76E-08	6.09E-09	9.94E-09	1.58E-08	2.78E-09	1.39E-08	7.73E-08
849	490586.72	3860685.12	9.87E-05	1.21E-04	1.06E-04	3.42E-08	1.03E-07	5.98E-08	7.32E-08	6.64E-08	3.03E-08	2.66E-08	1.14E-09	2.76E-08	6.09E-09	9.94E-09	1.58E-08	2.78E-09	1.39E-08	7.72E-08
850	490636.72	3860685.12	9.87E-05	1.21E-04	1.06E-04	3.42E-08	1.03E-07	5.98E-08	7.32E-08	6.64E-08	3.03E-08	2.65E-08	1.14E-09	2.76E-08	6.09E-09	9.94E-09	1.58E-08	2.78E-09	1.39E-08	7.72E-08
851	490686.72	3860685.12	9.85E-05	1.21E-04	1.06E-04	3.42E-08	1.03E-07	5.97E-08	7.31E-08	6.63E-08	3.02E-08	2.65E-08	1.14E-09	2.75E-08	6.08E-09	9.93E-09	1.57E-08	2.78E-09	1.39E-08	7.71E-08
852	490736.72	3860685.12	9.82E-05	1.20E-04	1.05E-04	3.40E-08	1.03E-07	5.95E-08	7.29E-08	6.61E-08	3.01E-08	2.64E-08	1.14E-09	2.75E-08	6.06E-09	9.89E-09	1.57E-08	2.77E-09	1.39E-08	7.69E-08
853	490786.72	3860685.12	9.80E-05	1.20E-04	1.05E-04	3.40E-08	1.03E-07	5.94E-08	7.27E-08	6.59E-08	3.01E-08	2.64E-08	1.13E-09	2.74E-08	6.05E-09	9.87E-09	1.57E-08	2.76E-09	1.38E-08	7.67E-08
854	490136.72	3860735.12	9.56E-05	1.17E-04	1.03E-04	3.31E-08	1.00E-07	5.79E-08	7.09E-08	6.43E-08	2.93E-08	2.57E-08	1.11E-09	2.67E-08	5.90E-09	9.63E-09	1.53E-08	2.69E-09	1.35E-08	7.48E-08
855	490186.72	3860735.12	9.56E-05	1.17E-04	1.03E-04	3.31E-08	1.00E-07	5.79E-08	7.09E-08	6.43E-08	2.93E-08	2.57E-08	1.11E-09	2.67E-08	5.90E-09	9.63E-09	1.53E-08	2.69E-09	1.35E-08	7.48E-08
856	490236.72	3860735.12	9.57E-05	1.17E-04	1.03E-04	3.32E-08	1.00E-07	5.80E-08	7.10E-08	6.44E-08	2.94E-08	2.58E-08	1.11E-09	2.68E-08	5.90E-09	9.64E-09	1.53E-08	2.70E-09	1.35E-08	7.49E-08
857	490286.72	3860735.12	9.59E-05	1.17E-04	1.03E-04	3.32E-08	1.00E-07	5.81E-08	7.11E-08	6.45E-08	2.94E-08	2.58E-08	1.11E-09	2.68E-08	5.91E-09	9.66E-09	1.53E-08	2.70E-09	1.35E-08	7.50E-08
858	490336.72	3860735.12	9.60E-05	1.18E-04	1.03E-04	3.33E-08	1.00E-07	5.81E-08	7.12E-08	6.46E-08	2.95E-08	2.58E-08	1.11E-09	2.68E-08	5.92E-09	9.67E-09	1.53E-08	2.70E-09	1.36E-08	7.51E-08
859	490386.72	3860735.12	9.62E-05	1.18E-04	1.03E-04	3.33E-08	1.01E-07	5.83E-08	7.14E-08	6.47E-08	2.95E-08	2.59E-08	1.11E-09	2.69E-08	5.93E-09	9.69E-09	1.54E-08	2.71E-09	1.36E-08	7.53E-08
860	490436.72	3860735.12	9.66E-05	1.18E-04	1.04E-04	3.35E-08	1.01E-07	5.85E-08	7.17E-08	6.50E-08	2.97E-08	2.60E-08	1.12E-09	2.70E-08	5.96E-09	9.73E-09	1.54E-08	2.72E-09	1.36E-08	7.56E-08
861	490486.72	3860735.12	9.65E-05	1.18E-04	1.04E-04	3.35E-08	1.01E-07	5.85E-08	7.16E-08	6.49E-08	2.96E-08	2.60E-08	1.12E-09	2.70E-08	5.95E-09	9.72E-09	1.54E-08	2.72E-09	1.36E-08	7.55E-08
862	490536.72	3860735.12	9.63E-05	1.18E-04	1.03E-04	3.34E-08	1.01E-07	5.83E-08	7.14E-08	6.47E-08	2.95E-08	2.59E-08	1.11E-09	2.69E-08	5.94E-09	9.70E-09	1.54E-08	2.71E-09	1.36E-08	7.53E-08
863	490586.72	3860735.12	9.62E-05	1.18E-04	1.03E-04	3.33E-08	1.01E-07	5.83E-08	7.14E-08	6.47E-08	2.95E-08	2.59E-08	1.11E-09	2.69E-08	5.94E-09	9.69E-09	1.54E-08	2.71E-09	1.36E-08	7.53E-08
864	490636.72	3860735.12	9.62E-05	1.18E-04	1.03E-04	3.33E-08	1.01E-07	5.83E-08	7.14E-08	6.47E-08	2.95E-08	2.59E-08	1.11E-09	2.69E-08	5.93E-09	9.69E-09	1.54E-08	2.71E-09	1.36E-08	7.53E-08
865	490686.72	3860735.12	9.63E-05	1.18E-04	1.03E-04	3.34E-08	1.01E-07	5.83E-08	7.14E-08	6.47E-08	2.95E-08	2.59E-08	1.11E-09	2.69E-08	5.94E-09	9.70E-09	1.54E-08	2.71E-09	1.36E-08	7.53E-08
866	490736.72	3860735.12	9.63E-05	1.18E-04	1.03E-04	3.34E-08	1.01E-07	5.83E-08	7.14E-08	6.47E-08	2.95E-08	2.59E-08	1.11E-09	2.69E-08	5.94E-09	9.70E-09	1.54E-08	2.71E-09	1.36E-08	7.53E-08
867	490136.72	3860785.12	9.29E-05	1.14E-04	9.98E-05	3.22E-08	9.72E-08	5.63E-08	6.89E-08	6.25E-08	2.85E-08	2.50E-08	1.08E-09	2.60E-08	5.73E-09	9.36E-09	1.48E-08	2.62E-09	1.31E-08	7.27E-08
868	490186.72	3860785.12	9.30E-05	1.14E-04	9.99E-05	3.22E-08	9.74E-08	5.64E-08	6.90E-08	6.26E-08	2.86E-08	2.50E-08	1.08E-09	2.60E-08	5.74E-09	9.37E-09	1.49E-08	2.62E-09	1.31E-08	7.28E-08
869	490236.72	3860785.12	9.32E-05	1.14E-04	1.00E-04	3.23E-08	9.75E-08	5.64E-08	6.91E-08	6.27E-08	2.86E-08	2.51E-08	1.08E-09	2.60E-08	5.75E-09	9.38E-09	1.49E-08	2.62E-09	1.32E-08	7.29E-08
870	490286.72	3860785.12	9.33E-05	1.14E-04	1.00E-04	3.23E-08	9.76E-08	5.65E-08	6.92E-08	6.28E-08	2.86E-08	2.51E-08	1.08E-09	2.61E-08	5.76E-09	9.40E-09	1.49E-08	2.63E-09	1.32E-08	7.30E-08
871	490336.72	3860785.12	9.34E-05	1.14E-04	1.00E-04	3.24E-08	9.77E-08	5.66E-08	6.93E-08	6.28E-08	2.87E-08	2.51E-08	1.08E-09	2.61E-08	5.76E-09	9.41E-09	1.49E-08	2.63E-09	1.32E-08	7.31E-08
872	490386.72	3860785.12	9.38E-05	1.15E-04	1.01E-04	3.25E-08	9.81E-08	5.68E-08	6.96E-08	6.31E-08	2.88E-08	2.52E-08	1.08E-09	2.62E-08	5.78E-09	9.44E-09	1.50E-08	2.64E-09	1.32E-08	7.34E-08
873	490436.72	3860785.12	9.39E-05	1.15E-04	1.01E-04	3.25E-08	9.82E-08	5.69E-08	6.96E-08	6.31E-08	2.88E-08	2.53E-08	1.09E-09	2.62E-08	5.79E-09	9.46E-09	1.50E-08	2.64E-09	1.33E-08	7.35E-08

874	490486.72	3860785.12	9.42E-05	1.15E-04	1.01E-04	3.26E-08	9.85E-08	5.70E-08	6.99E-08	6.33E-08	2.89E-08	2.53E-08	1.09E-09	2.63E-08	5.81E-09	9.48E-09	1.50E-08	2.65E-09	1.33E-08	7.37E-08
875	490536.72	3860785.12	9.41E-05	1.15E-04	1.01E-04	3.26E-08	9.85E-08	5.70E-08	6.98E-08	6.33E-08	2.89E-08	2.53E-08	1.09E-09	2.63E-08	5.80E-09	9.48E-09	1.50E-08	2.65E-09	1.33E-08	7.36E-08
876	490586.72	3860785.12	9.38E-05	1.15E-04	1.01E-04	3.25E-08	9.82E-08	5.68E-08	6.96E-08	6.31E-08	2.88E-08	2.53E-08	1.09E-09	2.62E-08	5.79E-09	9.45E-09	1.50E-08	2.64E-09	1.33E-08	7.34E-08
877	490636.72	3860785.12	9.38E-05	1.15E-04	1.01E-04	3.25E-08	9.82E-08	5.68E-08	6.96E-08	6.31E-08	2.88E-08	2.52E-08	1.09E-09	2.62E-08	5.79E-09	9.45E-09	1.50E-08	2.64E-09	1.32E-08	7.34E-08
878	490686.72	3860785.12	9.39E-05	1.15E-04	1.01E-04	3.25E-08	9.82E-08	5.69E-08	6.96E-08	6.31E-08	2.88E-08	2.53E-08	1.09E-09	2.62E-08	5.79E-09	9.46E-09	1.50E-08	2.64E-09	1.33E-08	7.35E-08
879	490736.72	3860785.12	9.40E-05	1.15E-04	1.01E-04	3.26E-08	9.83E-08	5.69E-08	6.97E-08	6.32E-08	2.88E-08	2.53E-08	1.09E-09	2.63E-08	5.80E-09	9.46E-09	1.50E-08	2.65E-09	1.33E-08	7.35E-08
880	490086.72	3860835.12	9.04E-05	1.11E-04	9.71E-05	3.13E-08	9.46E-08	5.48E-08	6.71E-08	6.08E-08	2.77E-08	2.43E-08	1.05E-09	2.53E-08	5.58E-09	9.11E-09	1.44E-08	2.55E-09	1.28E-08	7.08E-08
881	490136.72	3860835.12	9.07E-05	1.11E-04	9.74E-05	3.14E-08	9.49E-08	5.49E-08	6.73E-08	6.10E-08	2.78E-08	2.44E-08	1.05E-09	2.53E-08	5.59E-09	9.13E-09	1.45E-08	2.55E-09	1.28E-08	7.10E-08
882	490186.72	3860835.12	9.07E-05	1.11E-04	9.74E-05	3.14E-08	9.49E-08	5.49E-08	6.73E-08	6.10E-08	2.78E-08	2.44E-08	1.05E-09	2.54E-08	5.59E-09	9.14E-09	1.45E-08	2.55E-09	1.28E-08	7.10E-08
883	490236.72	3860835.12	9.08E-05	1.11E-04	9.75E-05	3.15E-08	9.50E-08	5.50E-08	6.74E-08	6.11E-08	2.79E-08	2.44E-08	1.05E-09	2.54E-08	5.60E-09	9.14E-09	1.45E-08	2.56E-09	1.28E-08	7.11E-08
884	490286.72	3860835.12	9.09E-05	1.11E-04	9.77E-05	3.15E-08	9.52E-08	5.51E-08	6.75E-08	6.12E-08	2.79E-08	2.45E-08	1.05E-09	2.54E-08	5.61E-09	9.16E-09	1.45E-08	2.56E-09	1.28E-08	7.12E-08
885	490336.72	3860835.12	9.10E-05	1.11E-04	9.78E-05	3.15E-08	9.53E-08	5.51E-08	6.75E-08	6.12E-08	2.79E-08	2.45E-08	1.05E-09	2.54E-08	5.61E-09	9.17E-09	1.45E-08	2.56E-09	1.29E-08	7.12E-08
886	490386.72	3860835.12	9.12E-05	1.12E-04	9.79E-05	3.16E-08	9.54E-08	5.52E-08	6.76E-08	6.13E-08	2.80E-08	2.45E-08	1.06E-09	2.55E-08	5.62E-09	9.18E-09	1.46E-08	2.57E-09	1.29E-08	7.14E-08
887	490436.72	3860835.12	9.14E-05	1.12E-04	9.82E-05	3.17E-08	9.57E-08	5.54E-08	6.78E-08	6.15E-08	2.81E-08	2.46E-08	1.06E-09	2.56E-08	5.64E-09	9.21E-09	1.46E-08	2.57E-09	1.29E-08	7.15E-08
888	490486.72	3860835.12	9.16E-05	1.12E-04	9.84E-05	3.18E-08	9.59E-08	5.55E-08	6.80E-08	6.16E-08	2.81E-08	2.47E-08	1.06E-09	2.56E-08	5.65E-09	9.23E-09	1.46E-08	2.58E-09	1.29E-08	7.17E-08
889	490536.72	3860835.12	9.17E-05	1.12E-04	9.85E-05	3.18E-08	9.60E-08	5.55E-08	6.80E-08	6.17E-08	2.81E-08	2.47E-08	1.06E-09	2.56E-08	5.66E-09	9.24E-09	1.47E-08	2.58E-09	1.30E-08	7.18E-08
890	490586.72	3860835.12	9.17E-05	1.12E-04	9.84E-05	3.18E-08	9.59E-08	5.55E-08	6.80E-08	6.17E-08	2.81E-08	2.47E-08	1.06E-09	2.56E-08	5.65E-09	9.23E-09	1.46E-08	2.58E-09	1.29E-08	7.18E-08
891	490636.72	3860835.12	9.16E-05	1.12E-04	9.84E-05	3.18E-08	9.59E-08	5.55E-08	6.80E-08	6.16E-08	2.81E-08	2.47E-08	1.06E-09	2.56E-08	5.65E-09	9.23E-09	1.46E-08	2.58E-09	1.29E-08	7.17E-08
892	490686.72	3860835.12	9.17E-05	1.12E-04	9.85E-05	3.18E-08	9.59E-08	5.55E-08	6.80E-08	6.17E-08	2.81E-08	2.47E-08	1.06E-09	2.56E-08	5.66E-09	9.24E-09	1.47E-08	2.58E-09	1.29E-08	7.18E-08
893	490736.72	3860835.12	9.18E-05	1.12E-04	9.86E-05	3.18E-08	9.61E-08	5.56E-08	6.81E-08	6.17E-08	2.82E-08	2.47E-08	1.06E-09	2.57E-08	5.66E-09	9.25E-09	1.47E-08	2.59E-09	1.30E-08	7.19E-08
894	490086.72	3860885.12	8.83E-05	1.08E-04	9.48E-05	3.06E-08	9.24E-08	5.35E-08	6.55E-08	5.94E-08	2.71E-08	2.38E-08	1.02E-09	2.47E-08	5.45E-09	8.90E-09	1.41E-08	2.49E-09	1.25E-08	6.91E-08
895	490136.72	3860885.12	8.84E-05	1.08E-04	9.50E-05	3.06E-08	9.25E-08	5.36E-08	6.56E-08	5.95E-08	2.71E-08	2.38E-08	1.02E-09	2.47E-08	5.45E-09	8.91E-09	1.41E-08	2.49E-09	1.25E-08	6.92E-08
896	490186.72	3860885.12	8.85E-05	1.08E-04	9.51E-05	3.07E-08	9.26E-08	5.36E-08	6.57E-08	5.95E-08	2.72E-08	2.38E-08	1.02E-09	2.47E-08	5.46E-09	8.92E-09	1.41E-08	2.49E-09	1.25E-08	6.93E-08
897	490236.72	3860885.12	8.86E-05	1.09E-04	9.52E-05	3.07E-08	9.27E-08	5.37E-08	6.57E-08	5.96E-08	2.72E-08	2.38E-08	1.03E-09	2.48E-08	5.47E-09	8.93E-09	1.42E-08	2.50E-09	1.25E-08	6.94E-08
898	490286.72	3860885.12	8.87E-05	1.09E-04	9.53E-05	3.07E-08	9.28E-08	5.37E-08	6.58E-08	5.97E-08	2.72E-08	2.39E-08	1.03E-09	2.48E-08	5.47E-09	8.93E-09	1.42E-08	2.50E-09	1.25E-08	6.94E-08
899	490336.72	3860885.12	8.88E-05	1.09E-04	9.53E-05	3.08E-08	9.29E-08	5.38E-08	6.59E-08	5.97E-08	2.72E-08	2.39E-08	1.03E-09	2.48E-08	5.48E-09	8.94E-09	1.42E-08	2.50E-09	1.25E-08	6.95E-08
900	490386.72	3860885.12	8.89E-05	1.09E-04	9.55E-05	3.08E-08	9.31E-08	5.39E-08	6.60E-08	5.98E-08	2.73E-08	2.39E-08	1.03E-09	2.49E-08	5.49E-09	8.96E-09	1.42E-08	2.50E-09	1.26E-08	6.96E-08
901	490436.72	3860885.12	8.92E-05	1.09E-04	9.58E-05	3.09E-08	9.33E-08	5.40E-08	6.62E-08	6.00E-08	2.74E-08	2.40E-08	1.03E-09	2.49E-08	5.50E-09	8.98E-09	1.42E-08	2.51E-09	1.26E-08	6.98E-08
902	490486.72	3860885.12	8.93E-05	1.09E-04	9.59E-05	3.10E-08	9.35E-08	5.41E-08	6.63E-08	6.01E-08	2.74E-08	2.40E-08	1.03E-09	2.50E-08	5.51E-09	9.00E-09	1.43E-08	2.52E-09	1.26E-08	6.99E-08
903	490536.72	3860885.12	8.94E-05	1.10E-04	9.60E-05	3.10E-08	9.36E-08	5.42E-08	6.64E-08	6.01E-08	2.74E-08	2.41E-08	1.04E-09	2.50E-08	5.52E-09	9.01E-09	1.43E-08	2.52E-09	1.26E-08	7.00E-08
904	490586.72	3860885.12	8.95E-05	1.10E-04	9.61E-05	3.10E-08	9.36E-08	5.42E-08	6.64E-08	6.02E-08	2.75E-08	2.41E-08	1.04E-09	2.50E-08	5.52E-09	9.01E-09	1.43E-08	2.52E-09	1.26E-08	7.00E-08
905	490636.72	3860885.12	8.95E-05	1.10E-04	9.61E-05	3.10E-08	9.36E-08	5.42E-08	6.64E-08	6.02E-08	2.75E-08	2.41E-08	1.04E-09	2.50E-08	5.52E-09	9.01E-09	1.43E-08	2.52E-09	1.26E-08	7.00E-08
906	490686.72	3860885.12	8.95E-05	1.10E-04	9.61E-05	3.10E-08	9.36E-08	5.42E-08	6.64E-08	6.02E-08	2.75E-08	2.41E-08	1.04E-09	2.50E-08	5.52E-09	9.02E-09	1.43E-08	2.52E-09	1.26E-08	7.00E-08
907	490736.72	3860885.12	8.95E-05	1.10E-04	9.62E-05	3.10E-08	9.37E-08	5.42E-08	6.64E-08	6.02E-08	2.75E-08	2.41E-08	1.04E-09	2.50E-08	5.52E-09	9.02E-09	1.43E-08	2.52E-09	1.26E-08	7.01E-08
908	490086.72	3860935.12	8.61E-05	1.06E-04	9.25E-05	2.99E-08	9.01E-08	5.22E-08	6.39E-08	5.79E-08	2.64E-08	2.32E-08	9.97E-10	2.41E-08	5.31E-09	8.68E-09	1.38E-08	2.43E-09	1.22E-08	6.74E-08
909	490136.72	3860935.12	8.61E-05	1.06E-04	9.25E-05	2.99E-08	9.01E-08	5.22E-08	6.39E-08	5.79E-08	2.64E-08	2.32E-08	9.97E-10	2.41E-08	5.31E-09	8.68E-09	1.38E-08	2.43E-09	1.22E-08	6.74E-08
910	490186.72	3860935.12	8.63E-05	1.06E-04	9.27E-05	2.99E-08	9.03E-08	5.23E-08	6.40E-08	5.80E-08	2.65E-08	2.32E-08	9.99E-10	2.41E-08	5.32E-09	8.69E-09	1.38E-08	2.43E-09	1.22E-08	6.76E-08
911	490236.72	3860935.12	8.65E-05	1.06E-04	9.28E-05	3.00E-08	9.05E-08	5.24E-08	6.41E-08	5.81E-08	2.65E-08	2.33E-08	1.00E-09	2.42E-08	5.33E-09	8.71E-09	1.38E-08	2.43E-09	1.22E-08	6.77E-08
912	490286.72	3860935.12	8.66E-05	1.06E-04	9.30E-05	3.00E-08	9.06E-08	5.25E-08	6.43E-08	5.83E-08	2.66E-08	2.33E-08	1.00E-09	2.42E-08	5.34E-09	8.72E-09	1.38E-08	2.44E-09	1.22E-08	6.78E-08
913	490336.72	3860935.12	8.66E-05	1.06E-04	9.30E-05	3.00E-08	9.07E-08	5.25E-08	6.43E-08	5.83E-08	2.66E-08	2.33E-08	1.00E-09	2.42E-08	5.34E-09	8.73E-09	1.38E-08	2.44E-09	1.22E-08	6.78E-08
914	490386.72	3860935.12	8.68E-05	1.06E-04	9.33E-05	3.01E-08	9.09E-08	5.26E-08	6.44E-08	5.84E-08	2.66E-08	2.34E-08	1.00E-09	2.43E-08	5.36E-09	8.75E-09	1.39E-08	2.45E-09	1.23E-08	6.80E-08
915	490436.72	3860935.12	8.70E-05	1.07E-04	9.35E-05	3.02E-08	9.11E-08	5.27E-08	6.46E-08	5.85E-08	2.67E-08	2.34E-08	1.01E-09	2.43E-08	5.37E-09	8.77E-09	1.39E-08	2.45E-09	1.23E-08	6.81E-08
916	490486.72	3860935.12	8.71E-05	1.07E-04	9.36E-05	3.02E-08	9.12E-08	5.28E-08	6.47E-08	5.86E-08	2.67E-08	2.34E-08	1.01E-09	2.44E-08	5.38E-09	8.78E-09	1.39E-08	2.45E-09	1.23E-08	6.82E-08
917	490536.72	3860935.12	8.73E-05	1.07E-04	9.37E-05	3.03E-08	9.13E-08	5.29E-08	6.48E-08	5.87E-08	2.68E-08	2.35E-08	1.01E-09	2.44E-08	5.38E-09	8.79E-09	1.39E-08	2.46E-09	1.23E-08	6.83E-08
918	490586.72	3860935.12	8.73E-05	1.07E-04	9.38E-05	3.03E-08	9.14E-08	5.29E-08	6.48E-08	5.87E-08	2.68E-08	2.35E-08	1.01E-09	2.44E-08	5.39E-09	8.80E-09	1.40E-08	2.46E-09	1.23E-08	6.84E-08
919	490636.72	3860935.12	8.74E-05	1.07E-04	9.38E-05	3.03E-08	9.14E-08	5.29E-08	6.48E-08	5.88E-08	2.68E-08	2.35E-08	1.01E-09	2.44E-08	5.39E-09	8.80E-09	1.40E-08	2.46E-09	1.23E-08	6.84E-08
920	490686.72	3860935.12	8.74E-05	1.07E-04	9.39E-05	3.03E-08	9.15E-08	5.30E-08	6.49E-08	5.88E-08	2.68E-08	2.35E-08	1.01E-09	2.44E-08	5.39E-09	8.81E-09	1.40E-08	2.46E-09	1.23E-08	6.84E-08
921	490736.72	3860935.12	8.75E-05	1.07E-04	9.39E-05	3.03E-08	9.15E-08	5.30E-08	6.49E-08	5.88E-08	2.68E-08	2.35E-08	1.01E-09	2.45E-08	5.40E-09	8.81E-09	1.40E-08	2.46E-09	1.24E-08	6.85E-08
922	490786.72	3860935.12	8.75E-05	1.07E-04	9.40E-05	3.03E-08	9.16E-08	5.30E-08	6.49E-08	5.88E-08	2.69E-08	2.35E-08	1.01E-09	2.45E-08	5.40E-09	8.81E-09	1.40E-08	2.46E-09	1.24E-08	6.85E-08
923	490836.72	3860935.12	8.76E-05	1.07E-04	9.41E-05	3.04E-08	9.17E-08	5.31E-08	6.50E-08	5.89E-08	2.69E-08	2.36E-08	1.01E-09	2.45E-08	5.41E-09	8.83E-09	1.40E-08	2.47E-09	1.24E-08	6.86E-08
924	490086.72	3860985.12	8.42E-05	1.03E-04	9.04E-05	2.92E-08	8.81E-08	5.10E-08	6.24E-08	5.66E-08	2.58E-08	2.27E-08	9.74E-10	2.35E-08	5.19E-09	8.48E-09	1.35E-08	2.37E-09	1.19E-08	6.59E-08
925	490136.72	3860985.12	8.43E-05	1.03E-04	9.05E-05	2.92E-08	8.82E-08	5.10E-08	6.25E-08	5.67E-08	2.59E-08	2.27E-08	9.75E-10	2.36E-08	5.20E-09	8.49E-09	1.35E-08	2.37E-09	1.19E-08	6.59E-08
926	490186.72	3860985.12	8.44E-05	1.03E-04	9.07E-05	2.93E-08	8.84E-08	5.11E-08	6.26E-08	5.68E-08	2.59E-08	2.27E-08	9.77E-10	2.36E-08	5.21E-09	8.51E-09	1.35E-08	2.38E-09	1.19E-08	6.61E-08
927	490236.72	3860985.12	8.44E-05	1.03E-04	9.07E-05	2.93E-08	8.84E-08	5.12E-08	6.26E-08	5.68E-08	2.59E-08	2.27E-08	9.77E-10	2.36E-08	5.21E-09	8.51E-09	1.35E-08	2.38E-09	1.19E-08	6.61E-08
928	490286.72	3860985.12	8.45E-05	1.04E-04	9.08E-05	2.93E-08	8.84E-08	5.12E-08	6.27E-08	5.68E-08	2.59E-08	2.27E-08	9.78E-10	2.36E-08	5.21E-09	8.51E-09	1.35E-08	2.38E-09	1.19E-08	6.61E-08

929	490336.72	3860985.12	8.46E-05	1.04E-04	9.09E-05	2.93E-08	8.86E-08	5.13E-08	6.28E-08	5.69E-08	2.60E-08	2.28E-08	9.79E-10	2.37E-08	5.22E-09	8.52E-09	1.35E-08	2.38E-09	1.20E-08	6.62E-08
930	490386.72	3860985.12	8.48E-05	1.04E-04	9.10E-05	2.94E-08	8.87E-08	5.14E-08	6.29E-08	5.70E-08	2.60E-08	2.28E-08	9.81E-10	2.37E-08	5.23E-09	8.54E-09	1.35E-08	2.39E-09	1.20E-08	6.64E-08
931	490436.72	3860985.12	8.50E-05	1.04E-04	9.13E-05	2.95E-08	8.90E-08	5.15E-08	6.31E-08	5.72E-08	2.61E-08	2.29E-08	9.84E-10	2.38E-08	5.25E-09	8.57E-09	1.36E-08	2.39E-09	1.20E-08	6.66E-08
932	490486.72	3860985.12	8.51E-05	1.04E-04	9.14E-05	2.95E-08	8.91E-08	5.16E-08	6.31E-08	5.72E-08	2.61E-08	2.29E-08	9.85E-10	2.38E-08	5.25E-09	8.57E-09	1.36E-08	2.40E-09	1.20E-08	6.66E-08
933	490536.72	3860985.12	8.52E-05	1.04E-04	9.15E-05	2.95E-08	8.91E-08	5.16E-08	6.32E-08	5.73E-08	2.61E-08	2.29E-08	9.86E-10	2.38E-08	5.25E-09	8.58E-09	1.36E-08	2.40E-09	1.20E-08	6.67E-08
934	490586.72	3860985.12	8.52E-05	1.04E-04	9.15E-05	2.95E-08	8.92E-08	5.16E-08	6.32E-08	5.73E-08	2.62E-08	2.29E-08	9.87E-10	2.38E-08	5.26E-09	8.59E-09	1.36E-08	2.40E-09	1.20E-08	6.67E-08
935	490636.72	3860985.12	8.54E-05	1.05E-04	9.17E-05	2.96E-08	8.93E-08	5.17E-08	6.33E-08	5.74E-08	2.62E-08	2.30E-08	9.88E-10	2.39E-08	5.27E-09	8.60E-09	1.36E-08	2.40E-09	1.21E-08	6.68E-08
936	490686.72	3860985.12	8.54E-05	1.05E-04	9.17E-05	2.96E-08	8.94E-08	5.17E-08	6.34E-08	5.74E-08	2.62E-08	2.30E-08	9.88E-10	2.39E-08	5.27E-09	8.60E-09	1.36E-08	2.41E-09	1.21E-08	6.69E-08
937	490736.72	3860985.12	8.54E-05	1.05E-04	9.18E-05	2.96E-08	8.94E-08	5.18E-08	6.34E-08	5.75E-08	2.62E-08	2.30E-08	9.89E-10	2.39E-08	5.27E-09	8.61E-09	1.37E-08	2.41E-09	1.21E-08	6.69E-08
938	490786.72	3860985.12	8.55E-05	1.05E-04	9.18E-05	2.96E-08	8.95E-08	5.18E-08	6.34E-08	5.75E-08	2.62E-08	2.30E-08	9.90E-10	2.39E-08	5.27E-09	8.61E-09	1.37E-08	2.41E-09	1.21E-08	6.69E-08
939	490836.72	3860985.12	8.56E-05	1.05E-04	9.20E-05	2.97E-08	8.96E-08	5.19E-08	6.35E-08	5.76E-08	2.63E-08	2.30E-08	9.91E-10	2.39E-08	5.28E-09	8.63E-09	1.37E-08	2.41E-09	1.21E-08	6.70E-08
940	490086.72	3861035.12	8.23E-05	1.01E-04	8.83E-05	2.85E-08	8.61E-08	4.98E-08	6.10E-08	5.53E-08	2.52E-08	2.21E-08	9.52E-10	2.30E-08	5.07E-09	8.29E-09	1.31E-08	2.32E-09	1.16E-08	6.44E-08
941	490136.72	3861035.12	8.24E-05	1.01E-04	8.85E-05	2.85E-08	8.62E-08	4.99E-08	6.11E-08	5.54E-08	2.53E-08	2.22E-08	9.53E-10	2.30E-08	5.08E-09	8.30E-09	1.32E-08	2.32E-09	1.16E-08	6.45E-08
942	490186.72	3861035.12	8.24E-05	1.01E-04	8.85E-05	2.86E-08	8.63E-08	4.99E-08	6.12E-08	5.55E-08	2.53E-08	2.22E-08	9.54E-10	2.30E-08	5.09E-09	8.31E-09	1.32E-08	2.32E-09	1.16E-08	6.45E-08
943	490236.72	3861035.12	8.26E-05	1.01E-04	8.87E-05	2.86E-08	8.64E-08	5.00E-08	6.13E-08	5.55E-08	2.53E-08	2.22E-08	9.56E-10	2.31E-08	5.09E-09	8.32E-09	1.32E-08	2.33E-09	1.17E-08	6.46E-08
944	490286.72	3861035.12	8.26E-05	1.01E-04	8.87E-05	2.86E-08	8.64E-08	5.00E-08	6.13E-08	5.56E-08	2.53E-08	2.22E-08	9.56E-10	2.31E-08	5.09E-09	8.32E-09	1.32E-08	2.33E-09	1.17E-08	6.46E-08
945	490336.72	3861035.12	8.26E-05	1.01E-04	8.88E-05	2.86E-08	8.65E-08	5.01E-08	6.13E-08	5.56E-08	2.54E-08	2.22E-08	9.56E-10	2.31E-08	5.10E-09	8.32E-09	1.32E-08	2.33E-09	1.17E-08	6.47E-08
946	490386.72	3861035.12	8.29E-05	1.01E-04	8.90E-05	2.87E-08	8.67E-08	5.02E-08	6.15E-08	5.57E-08	2.54E-08	2.23E-08	9.59E-10	2.32E-08	5.11E-09	8.35E-09	1.32E-08	2.33E-09	1.17E-08	6.49E-08
947	490436.72	3861035.12	8.31E-05	1.02E-04	8.92E-05	2.88E-08	8.69E-08	5.03E-08	6.16E-08	5.59E-08	2.55E-08	2.24E-08	9.62E-10	2.32E-08	5.12E-09	8.37E-09	1.33E-08	2.34E-09	1.17E-08	6.50E-08
948	490486.72	3861035.12	8.32E-05	1.02E-04	8.93E-05	2.88E-08	8.70E-08	5.04E-08	6.17E-08	5.59E-08	2.55E-08	2.24E-08	9.63E-10	2.33E-08	5.13E-09	8.38E-09	1.33E-08	2.34E-09	1.17E-08	6.51E-08
949	490536.72	3861035.12	8.33E-05	1.02E-04	8.94E-05	2.89E-08	8.71E-08	5.04E-08	6.18E-08	5.60E-08	2.55E-08	2.24E-08	9.63E-10	2.33E-08	5.14E-09	8.39E-09	1.33E-08	2.34E-09	1.18E-08	6.52E-08
950	490586.72	3861035.12	8.33E-05	1.02E-04	8.95E-05	2.89E-08	8.72E-08	5.05E-08	6.18E-08	5.60E-08	2.56E-08	2.24E-08	9.64E-10	2.33E-08	5.14E-09	8.39E-09	1.33E-08	2.35E-09	1.18E-08	6.52E-08
951	490636.72	3861035.12	8.34E-05	1.02E-04	8.95E-05	2.89E-08	8.72E-08	5.05E-08	6.18E-08	5.61E-08	2.56E-08	2.24E-08	9.65E-10	2.33E-08	5.14E-09	8.40E-09	1.33E-08	2.35E-09	1.18E-08	6.52E-08
952	490686.72	3861035.12	8.34E-05	1.02E-04	8.96E-05	2.89E-08	8.73E-08	5.05E-08	6.19E-08	5.61E-08	2.56E-08	2.24E-08	9.65E-10	2.33E-08	5.14E-09	8.40E-09	1.33E-08	2.35E-09	1.18E-08	6.53E-08
953	490736.72	3861035.12	8.35E-05	1.02E-04	8.96E-05	2.89E-08	8.73E-08	5.06E-08	6.19E-08	5.61E-08	2.56E-08	2.25E-08	9.66E-10	2.33E-08	5.15E-09	8.41E-09	1.33E-08	2.35E-09	1.18E-08	6.53E-08
954	490786.72	3861035.12	8.36E-05	1.02E-04	8.97E-05	2.90E-08	8.75E-08	5.06E-08	6.20E-08	5.62E-08	2.56E-08	2.25E-08	9.67E-10	2.34E-08	5.16E-09	8.42E-09	1.34E-08	2.35E-09	1.18E-08	6.54E-08
955	490836.72	3861035.12	8.37E-05	1.03E-04	8.99E-05	2.90E-08	8.76E-08	5.07E-08	6.21E-08	5.63E-08	2.57E-08	2.25E-08	9.69E-10	2.34E-08	5.16E-09	8.43E-09	1.34E-08	2.36E-09	1.18E-08	6.55E-08
956	490086.72	3861085.12	8.04E-05	9.85E-05	8.64E-05	2.79E-08	8.42E-08	4.87E-08	5.97E-08	5.41E-08	2.47E-08	2.16E-08	9.31E-10	2.25E-08	4.96E-09	8.10E-09	1.29E-08	2.27E-09	1.14E-08	6.30E-08
957	490136.72	3861085.12	8.06E-05	9.88E-05	8.66E-05	2.79E-08	8.44E-08	4.88E-08	5.98E-08	5.42E-08	2.47E-08	2.17E-08	9.33E-10	2.25E-08	4.97E-09	8.12E-09	1.29E-08	2.27E-09	1.14E-08	6.31E-08
958	490186.72	3861085.12	8.09E-05	9.90E-05	8.68E-05	2.80E-08	8.46E-08	4.90E-08	6.00E-08	5.44E-08	2.48E-08	2.18E-08	9.36E-10	2.26E-08	4.99E-09	8.14E-09	1.29E-08	2.28E-09	1.14E-08	6.33E-08
959	490236.72	3861085.12	8.08E-05	9.90E-05	8.68E-05	2.80E-08	8.46E-08	4.90E-08	6.00E-08	5.44E-08	2.48E-08	2.18E-08	9.36E-10	2.26E-08	4.99E-09	8.14E-09	1.29E-08	2.28E-09	1.14E-08	6.33E-08
960	490286.72	3861085.12	8.08E-05	9.90E-05	8.68E-05	2.80E-08	8.46E-08	4.90E-08	6.00E-08	5.44E-08	2.48E-08	2.18E-08	9.36E-10	2.26E-08	4.99E-09	8.14E-09	1.29E-08	2.28E-09	1.14E-08	6.33E-08
961	490336.72	3861085.12	8.09E-05	9.90E-05	8.69E-05	2.80E-08	8.46E-08	4.90E-08	6.00E-08	5.44E-08	2.48E-08	2.18E-08	9.36E-10	2.26E-08	4.99E-09	8.15E-09	1.29E-08	2.28E-09	1.14E-08	6.33E-08
962	490386.72	3861085.12	8.11E-05	9.93E-05	8.70E-05	2.81E-08	8.48E-08	4.91E-08	6.01E-08	5.45E-08	2.49E-08	2.18E-08	9.38E-10	2.27E-08	5.00E-09	8.16E-09	1.30E-08	2.28E-09	1.14E-08	6.34E-08
963	490436.72	3861085.12	8.12E-05	9.94E-05	8.72E-05	2.81E-08	8.49E-08	4.92E-08	6.02E-08	5.46E-08	2.49E-08	2.18E-08	9.39E-10	2.27E-08	5.01E-09	8.17E-09	1.30E-08	2.29E-09	1.15E-08	6.35E-08
964	490486.72	3861085.12	8.13E-05	9.95E-05	8.73E-05	2.82E-08	8.50E-08	4.92E-08	6.03E-08	5.46E-08	2.49E-08	2.19E-08	9.40E-10	2.27E-08	5.01E-09	8.19E-09	1.30E-08	2.29E-09	1.15E-08	6.36E-08
965	490536.72	3861085.12	8.14E-05	9.97E-05	8.75E-05	2.82E-08	8.52E-08	4.93E-08	6.04E-08	5.48E-08	2.50E-08	2.19E-08	9.42E-10	2.28E-08	5.02E-09	8.20E-09	1.30E-08	2.29E-09	1.15E-08	6.37E-08
966	490586.72	3861085.12	8.15E-05	9.98E-05	8.75E-05	2.82E-08	8.52E-08	4.93E-08	6.04E-08	5.48E-08	2.50E-08	2.19E-08	9.43E-10	2.28E-08	5.02E-09	8.21E-09	1.30E-08	2.29E-09	1.15E-08	6.38E-08
967	490636.72	3861085.12	8.14E-05	9.97E-05	8.74E-05	2.82E-08	8.52E-08	4.93E-08	6.04E-08	5.48E-08	2.50E-08	2.19E-08	9.42E-10	2.28E-08	5.02E-09	8.20E-09	1.30E-08	2.29E-09	1.15E-08	6.37E-08
968	490686.72	3861085.12	8.15E-05	9.98E-05	8.75E-05	2.82E-08	8.53E-08	4.94E-08	6.05E-08	5.48E-08	2.50E-08	2.19E-08	9.43E-10	2.28E-08	5.03E-09	8.21E-09	1.30E-08	2.30E-09	1.15E-08	6.38E-08
969	490736.72	3861085.12	8.16E-05	9.99E-05	8.76E-05	2.83E-08	8.54E-08	4.94E-08	6.05E-08	5.49E-08	2.50E-08	2.20E-08	9.44E-10	2.28E-08	5.03E-09	8.22E-09	1.30E-08	2.30E-09	1.15E-08	6.39E-08
970	490786.72	3861085.12	8.17E-05	1.00E-04	8.77E-05	2.83E-08	8.55E-08	4.95E-08	6.06E-08	5.49E-08	2.51E-08	2.20E-08	9.45E-10	2.28E-08	5.04E-09	8.23E-09	1.31E-08	2.30E-09	1.15E-08	6.39E-08
971	490836.72	3861085.12	8.18E-05	1.00E-04	8.78E-05	2.84E-08	8.56E-08	4.96E-08	6.07E-08	5.50E-08	2.51E-08	2.20E-08	9.47E-10	2.29E-08	5.05E-09	8.24E-09	1.31E-08	2.30E-09	1.16E-08	6.40E-08
972	490086.72	3861135.12	7.87E-05	9.64E-05	8.45E-05	2.73E-08	8.23E-08	4.77E-08	5.84E-08	5.29E-08	2.41E-08	2.12E-08	9.11E-10	2.20E-08	4.85E-09	7.93E-09	1.26E-08	2.22E-09	1.11E-08	6.16E-08
973	490136.72	3861135.12	7.88E-05	9.66E-05	8.47E-05	2.73E-08	8.25E-08	4.78E-08	5.85E-08	5.30E-08	2.42E-08	2.12E-08	9.12E-10	2.20E-08	4.86E-09	7.94E-09	1.26E-08	2.22E-09	1.11E-08	6.17E-08
974	490186.72	3861135.12	7.90E-05	9.68E-05	8.49E-05	2.74E-08	8.27E-08	4.79E-08	5.86E-08	5.31E-08	2.43E-08	2.13E-08	9.14E-10	2.21E-08	4.87E-09	7.96E-09	1.26E-08	2.23E-09	1.12E-08	6.19E-08
975	490236.72	3861135.12	7.91E-05	9.69E-05	8.50E-05	2.74E-08	8.28E-08	4.79E-08	5.87E-08	5.32E-08	2.43E-08	2.13E-08	9.16E-10	2.21E-08	4.88E-09	7.97E-09	1.26E-08	2.23E-09	1.12E-08	6.19E-08
976	490286.72	3861135.12	7.92E-05	9.70E-05	8.50E-05	2.74E-08	8.29E-08	4.80E-08	5.88E-08	5.33E-08	2.43E-08	2.13E-08	9.16E-10	2.21E-08	4.88E-09	7.98E-09	1.27E-08	2.23E-09	1.12E-08	6.20E-08
977	490336.72	3861135.12	7.92E-05	9.70E-05	8.51E-05	2.75E-08	8.29E-08	4.80E-08	5.88E-08	5.33E-08	2.43E-08	2.13E-08	9.17E-10	2.21E-08	4.89E-09	7.98E-09	1.27E-08	2.23E-09	1.12E-08	6.20E-08
978	490386.72	3861135.12	7.93E-05	9.71E-05	8.52E-05	2.75E-08	8.30E-08	4.80E-08	5.88E-08	5.33E-08	2.43E-08	2.13E-08	9.18E-10	2.22E-08	4.89E-09	7.99E-09	1.27E-08	2.23E-09	1.12E-08	6.21E-08
979	490436.72	3861135.12	7.94E-05	9.72E-05	8.53E-05	2.75E-08	8.31E-08	4.81E-08	5.89E-08	5.34E-08	2.44E-08	2.14E-08	9.19E-10	2.22E-08	4.90E-09	8.00E-09	1.27E-08	2.24E-09	1.12E-08	6.21E-08
980	490486.72	3861135.12	7.95E-05	9.74E-05	8.54E-05	2.75E-08	8.32E-08	4.81E-08	5.90E-08	5.35E-08	2.44E-08	2.14E-08	9.20E-10	2.22E-08	4.90E-09	8.01E-09	1.27E-08	2.24E-09	1.12E-08	6.22E-08
981	490536.72	3861135.12	7.96E-05	9.75E-05	8.55E-05	2.76E-08	8.33E-08	4.82E-08	5.90E-08	5.35E-08	2.44E-08	2.14E-08	9.21E-10	2.22E-08	4.91E-09	8.02E-09	1.27E-08	2.24E-09	1.12E-08	6.23E-08
982	490586.72	3861135.12	7.96E-05	9.75E-05	8.55E-05	2.76E-08	8.33E-08	4.82E-08	5.91E-08	5.36E-08	2.44E-08	2.14E-08	9.22E-10	2.23E-08	4.91E-09	8.02E-09	1.27E-08	2.24E-09	1.12E-08	6.23E-08
983	490636.72	3861135.12	7.96E-05	9.75E-05	8.55E-05	2.76E-08	8.33E-08	4.82E-08	5.91E-08	5.36E-08	2.44E-08	2.14E-08	9.22E-10	2.23E-08	4.91E-09	8.02E-09	1.27E-08	2.24E-09	1.12E-08	6.23E-08

984	490686.72	3861135.12	7.97E-05	9.76E-05	8.56E-05	2.76E-08	8.34E-08	4.83E-08	5.91E-08	5.36E-08	2.45E-08	2.14E-08	9.22E-10	2.23E-08	4.92E-09	8.03E-09	1.27E-08	2.24E-09	1.13E-08	6.24E-08
985	490736.72	3861135.12	7.98E-05	9.78E-05	8.57E-05	2.77E-08	8.35E-08	4.84E-08	5.92E-08	5.37E-08	2.45E-08	2.15E-08	9.24E-10	2.23E-08	4.92E-09	8.04E-09	1.28E-08	2.25E-09	1.13E-08	6.25E-08
986	490786.72	3861135.12	7.99E-05	9.79E-05	8.58E-05	2.77E-08	8.36E-08	4.84E-08	5.93E-08	5.38E-08	2.45E-08	2.15E-08	9.25E-10	2.23E-08	4.93E-09	8.05E-09	1.28E-08	2.25E-09	1.13E-08	6.26E-08
987	490836.72	3861135.12	8.00E-05	9.80E-05	8.59E-05	2.77E-08	8.37E-08	4.85E-08	5.93E-08	5.38E-08	2.45E-08	2.15E-08	9.26E-10	2.24E-08	4.93E-09	8.06E-09	1.28E-08	2.25E-09	1.13E-08	6.26E-08
988	490086.72	3861185.12	7.70E-05	9.43E-05	8.27E-05	2.67E-08	8.06E-08	4.66E-08	5.71E-08	5.18E-08	2.36E-08	2.07E-08	8.91E-10	2.15E-08	4.75E-09	7.75E-09	1.23E-08	2.17E-09	1.09E-08	6.03E-08
989	490136.72	3861185.12	7.70E-05	9.43E-05	8.27E-05	2.67E-08	8.06E-08	4.66E-08	5.71E-08	5.18E-08	2.36E-08	2.07E-08	8.91E-10	2.15E-08	4.75E-09	7.76E-09	1.23E-08	2.17E-09	1.09E-08	6.03E-08
990	490186.72	3861185.12	7.72E-05	9.45E-05	8.29E-05	2.67E-08	8.07E-08	4.67E-08	5.72E-08	5.19E-08	2.37E-08	2.08E-08	8.93E-10	2.16E-08	4.76E-09	7.77E-09	1.23E-08	2.17E-09	1.09E-08	6.04E-08
991	490236.72	3861185.12	7.73E-05	9.47E-05	8.30E-05	2.68E-08	8.09E-08	4.68E-08	5.73E-08	5.20E-08	2.37E-08	2.08E-08	8.94E-10	2.16E-08	4.77E-09	7.79E-09	1.24E-08	2.18E-09	1.09E-08	6.05E-08
992	490286.72	3861185.12	7.75E-05	9.49E-05	8.32E-05	2.69E-08	8.11E-08	4.69E-08	5.75E-08	5.21E-08	2.38E-08	2.09E-08	8.97E-10	2.17E-08	4.78E-09	7.81E-09	1.24E-08	2.18E-09	1.09E-08	6.07E-08
993	490336.72	3861185.12	7.74E-05	9.48E-05	8.31E-05	2.68E-08	8.10E-08	4.69E-08	5.74E-08	5.20E-08	2.37E-08	2.08E-08	8.96E-10	2.16E-08	4.77E-09	7.79E-09	1.24E-08	2.18E-09	1.09E-08	6.06E-08
994	490386.72	3861185.12	7.75E-05	9.49E-05	8.32E-05	2.69E-08	8.11E-08	4.69E-08	5.75E-08	5.21E-08	2.38E-08	2.09E-08	8.97E-10	2.17E-08	4.78E-09	7.81E-09	1.24E-08	2.18E-09	1.09E-08	6.06E-08
995	490436.72	3861185.12	7.77E-05	9.51E-05	8.34E-05	2.69E-08	8.13E-08	4.70E-08	5.76E-08	5.22E-08	2.38E-08	2.09E-08	8.99E-10	2.17E-08	4.79E-09	7.82E-09	1.24E-08	2.19E-09	1.10E-08	6.08E-08
996	490486.72	3861185.12	7.77E-05	9.52E-05	8.35E-05	2.69E-08	8.13E-08	4.71E-08	5.77E-08	5.23E-08	2.39E-08	2.09E-08	9.00E-10	2.17E-08	4.79E-09	7.83E-09	1.24E-08	2.19E-09	1.10E-08	6.08E-08
997	490536.72	3861185.12	7.80E-05	9.55E-05	8.37E-05	2.70E-08	8.16E-08	4.72E-08	5.78E-08	5.24E-08	2.39E-08	2.10E-08	9.02E-10	2.18E-08	4.81E-09	7.85E-09	1.25E-08	2.20E-09	1.10E-08	6.10E-08
998	490586.72	3861185.12	7.80E-05	9.55E-05	8.37E-05	2.70E-08	8.16E-08	4.72E-08	5.79E-08	5.24E-08	2.39E-08	2.10E-08	9.02E-10	2.18E-08	4.81E-09	7.85E-09	1.25E-08	2.20E-09	1.10E-08	6.10E-08
999	490636.72	3861185.12	7.79E-05	9.54E-05	8.36E-05	2.70E-08	8.15E-08	4.72E-08	5.78E-08	5.24E-08	2.39E-08	2.10E-08	9.01E-10	2.18E-08	4.80E-09	7.85E-09	1.24E-08	2.19E-09	1.10E-08	6.10E-08
1000	490686.72	3861185.12	7.79E-05	9.54E-05	8.37E-05	2.70E-08	8.15E-08	4.72E-08	5.78E-08	5.24E-08	2.39E-08	2.10E-08	9.02E-10	2.18E-08	4.81E-09	7.85E-09	1.25E-08	2.19E-09	1.10E-08	6.10E-08
1001	490736.72	3861185.12	7.81E-05	9.57E-05	8.39E-05	2.71E-08	8.17E-08	4.73E-08	5.79E-08	5.25E-08	2.40E-08	2.10E-08	9.04E-10	2.18E-08	4.82E-09	7.87E-09	1.25E-08	2.20E-09	1.10E-08	6.11E-08
1002	490786.72	3861185.12	7.82E-05	9.58E-05	8.40E-05	2.71E-08	8.19E-08	4.74E-08	5.80E-08	5.26E-08	2.40E-08	2.10E-08	9.05E-10	2.19E-08	4.83E-09	7.88E-09	1.25E-08	2.20E-09	1.10E-08	6.12E-08
1003	490836.72	3861185.12	7.83E-05	9.59E-05	8.41E-05	2.71E-08	8.19E-08	4.74E-08	5.81E-08	5.27E-08	2.40E-08	2.11E-08	9.06E-10	2.19E-08	4.83E-09	7.89E-09	1.25E-08	2.21E-09	1.11E-08	6.13E-08
1004	490086.72	3861235.12	7.53E-05	9.22E-05	8.09E-05	2.61E-08	7.88E-08	4.56E-08	5.59E-08	5.07E-08	2.31E-08	2.03E-08	8.72E-10	2.11E-08	4.65E-09	7.59E-09	1.20E-08	2.12E-09	1.06E-08	5.89E-08
1005	490136.72	3861235.12	7.54E-05	9.23E-05	8.10E-05	2.61E-08	7.89E-08	4.57E-08	5.59E-08	5.07E-08	2.31E-08	2.03E-08	8.72E-10	2.11E-08	4.65E-09	7.59E-09	1.20E-08	2.12E-09	1.06E-08	5.90E-08
1006	490186.72	3861235.12	7.55E-05	9.25E-05	8.11E-05	2.62E-08	7.90E-08	4.57E-08	5.60E-08	5.08E-08	2.32E-08	2.03E-08	8.74E-10	2.11E-08	4.66E-09	7.61E-09	1.21E-08	2.13E-09	1.07E-08	5.91E-08
1007	490236.72	3861235.12	7.56E-05	9.25E-05	8.11E-05	2.62E-08	7.91E-08	4.58E-08	5.61E-08	5.08E-08	2.32E-08	2.03E-08	8.74E-10	2.11E-08	4.66E-09	7.61E-09	1.21E-08	2.13E-09	1.07E-08	5.91E-08
1008	490386.72	3861235.12	7.58E-05	9.28E-05	8.14E-05	2.63E-08	7.93E-08	4.59E-08	5.62E-08	5.09E-08	2.32E-08	2.04E-08	8.77E-10	2.12E-08	4.67E-09	7.63E-09	1.21E-08	2.13E-09	1.07E-08	5.93E-08
1009	490436.72	3861235.12	7.58E-05	9.28E-05	8.14E-05	2.63E-08	7.93E-08	4.59E-08	5.62E-08	5.10E-08	2.33E-08	2.04E-08	8.77E-10	2.12E-08	4.68E-09	7.63E-09	1.21E-08	2.13E-09	1.07E-08	5.93E-08
1010	490486.72	3861235.12	7.59E-05	9.29E-05	8.15E-05	2.63E-08	7.94E-08	4.60E-08	5.63E-08	5.10E-08	2.33E-08	2.04E-08	8.78E-10	2.12E-08	4.68E-09	7.64E-09	1.21E-08	2.14E-09	1.07E-08	5.94E-08
1011	490536.72	3861235.12	7.62E-05	9.34E-05	8.19E-05	2.64E-08	7.98E-08	4.62E-08	5.65E-08	5.13E-08	2.34E-08	2.05E-08	8.82E-10	2.13E-08	4.70E-09	7.68E-09	1.22E-08	2.15E-09	1.08E-08	5.97E-08
1012	490586.72	3861235.12	7.64E-05	9.36E-05	8.21E-05	2.65E-08	8.00E-08	4.63E-08	5.67E-08	5.14E-08	2.35E-08	2.06E-08	8.85E-10	2.14E-08	4.72E-09	7.70E-09	1.22E-08	2.15E-09	1.08E-08	5.98E-08
1013	490636.72	3861235.12	7.62E-05	9.33E-05	8.18E-05	2.64E-08	7.97E-08	4.62E-08	5.65E-08	5.12E-08	2.34E-08	2.05E-08	8.82E-10	2.13E-08	4.70E-09	7.67E-09	1.22E-08	2.15E-09	1.08E-08	5.96E-08
1014	490686.72	3861235.12	7.63E-05	9.34E-05	8.19E-05	2.64E-08	7.98E-08	4.62E-08	5.66E-08	5.13E-08	2.34E-08	2.05E-08	8.83E-10	2.13E-08	4.70E-09	7.68E-09	1.22E-08	2.15E-09	1.08E-08	5.97E-08
1015	490736.72	3861235.12	7.64E-05	9.36E-05	8.21E-05	2.65E-08	8.00E-08	4.63E-08	5.67E-08	5.14E-08	2.35E-08	2.06E-08	8.85E-10	2.14E-08	4.71E-09	7.70E-09	1.22E-08	2.15E-09	1.08E-08	5.98E-08
1016	490786.72	3861235.12	7.66E-05	9.38E-05	8.23E-05	2.65E-08	8.01E-08	4.64E-08	5.68E-08	5.15E-08	2.35E-08	2.06E-08	8.86E-10	2.14E-08	4.72E-09	7.72E-09	1.22E-08	2.16E-09	1.08E-08	6.00E-08
1017	490836.72	3861235.12	7.67E-05	9.39E-05	8.24E-05	2.66E-08	8.03E-08	4.65E-08	5.69E-08	5.16E-08	2.35E-08	2.06E-08	8.88E-10	2.14E-08	4.73E-09	7.73E-09	1.23E-08	2.16E-09	1.08E-08	6.00E-08
1018	490086.72	3861285.12	7.38E-05	9.04E-05	7.93E-05	2.56E-08	7.73E-08	4.47E-08	5.48E-08	4.97E-08	2.27E-08	1.99E-08	8.54E-10	2.06E-08	4.55E-09	7.44E-09	1.18E-08	2.08E-09	1.04E-08	5.78E-08
1019	490136.72	3861285.12	7.40E-05	9.07E-05	7.95E-05	2.57E-08	7.75E-08	4.48E-08	5.49E-08	4.98E-08	2.27E-08	1.99E-08	8.57E-10	2.07E-08	4.57E-09	7.46E-09	1.18E-08	2.09E-09	1.05E-08	5.79E-08
1020	490186.72	3861285.12	7.40E-05	9.06E-05	7.95E-05	2.56E-08	7.74E-08	4.48E-08	5.49E-08	4.98E-08	2.27E-08	1.99E-08	8.56E-10	2.07E-08	4.56E-09	7.45E-09	1.18E-08	2.08E-09	1.05E-08	5.79E-08
1021	490236.72	3861285.12	7.40E-05	9.07E-05	7.95E-05	2.57E-08	7.75E-08	4.49E-08	5.49E-08	4.98E-08	2.27E-08	1.99E-08	8.57E-10	2.07E-08	4.57E-09	7.46E-09	1.18E-08	2.09E-09	1.05E-08	5.80E-08
1022	490386.72	3861285.12	7.42E-05	9.09E-05	7.97E-05	2.57E-08	7.76E-08	4.49E-08	5.50E-08	4.99E-08	2.28E-08	2.00E-08	8.59E-10	2.07E-08	4.58E-09	7.47E-09	1.19E-08	2.09E-09	1.05E-08	5.81E-08
1023	490436.72	3861285.12	7.43E-05	9.10E-05	7.98E-05	2.58E-08	7.78E-08	4.50E-08	5.51E-08	5.00E-08	2.28E-08	2.00E-08	8.60E-10	2.08E-08	4.58E-09	7.49E-09	1.19E-08	2.09E-09	1.05E-08	5.82E-08
1024	490486.72	3861285.12	7.43E-05	9.10E-05	7.98E-05	2.58E-08	7.78E-08	4.50E-08	5.51E-08	5.00E-08	2.28E-08	2.00E-08	8.60E-10	2.08E-08	4.58E-09	7.49E-09	1.19E-08	2.09E-09	1.05E-08	5.82E-08
1025	490536.72	3861285.12	7.44E-05	9.12E-05	7.99E-05	2.58E-08	7.79E-08	4.51E-08	5.52E-08	5.01E-08	2.28E-08	2.00E-08	8.61E-10	2.08E-08	4.59E-09	7.50E-09	1.19E-08	2.10E-09	1.05E-08	5.83E-08
1026	490586.72	3861285.12	7.46E-05	9.13E-05	8.01E-05	2.58E-08	7.80E-08	4.52E-08	5.53E-08	5.02E-08	2.29E-08	2.01E-08	8.63E-10	2.08E-08	4.60E-09	7.51E-09	1.19E-08	2.10E-09	1.05E-08	5.84E-08
1027	490636.72	3861285.12	7.45E-05	9.13E-05	8.00E-05	2.58E-08	7.80E-08	4.51E-08	5.53E-08	5.01E-08	2.29E-08	2.00E-08	8.62E-10	2.08E-08	4.60E-09	7.51E-09	1.19E-08	2.10E-09	1.05E-08	5.83E-08
1028	490686.72	3861285.12	7.46E-05	9.14E-05	8.01E-05	2.59E-08	7.81E-08	4.52E-08	5.53E-08	5.02E-08	2.29E-08	2.01E-08	8.63E-10	2.09E-08	4.60E-09	7.51E-09	1.19E-08	2.10E-09	1.05E-08	5.84E-08
1029	490736.72	3861285.12	7.49E-05	9.17E-05	8.04E-05	2.59E-08	7.83E-08	4.53E-08	5.55E-08	5.03E-08	2.30E-08	2.01E-08	8.66E-10	2.09E-08	4.62E-09	7.54E-09	1.20E-08	2.11E-09	1.06E-08	5.86E-08
1030	490786.72	3861285.12	7.49E-05	9.18E-05	8.05E-05	2.60E-08	7.84E-08	4.54E-08	5.56E-08	5.04E-08	2.30E-08	2.02E-08	8.67E-10	2.09E-08	4.62E-09	7.55E-09	1.20E-08	2.11E-09	1.06E-08	5.87E-08
1031	490836.72	3861285.12	7.50E-05	9.18E-05	8.05E-05	2.60E-08	7.84E-08	4.54E-08	5.56E-08	5.04E-08	2.30E-08	2.02E-08	8.68E-10	2.10E-08	4.62E-09	7.55E-09	1.20E-08	2.11E-09	1.06E-08	5.87E-08
1032	490061.24	3859716.13	1.69E-04	2.07E-04	1.82E-04	5.86E-08	1.77E-07	1.02E-07	1.25E-07	1.14E-07	5.19E-08	4.55E-08	1.96E-09	4.73E-08	1.04E-08	1.70E-08	2.70E-08	4.76E-09	2.39E-08	1.32E-07
1033	490111.24	3859716.13	1.68E-04	2.06E-04	1.81E-04	5.83E-08	1.76E-07	1.02E-07	1.25E-07	1.13E-07	5.17E-08	4.53E-08	1.95E-09	4.71E-08	1.04E-08	1.70E-08	2.69E-08	4.74E-09	2.38E-08	1.32E-07
1034	490161.24	3859716.13	1.68E-04	2.05E-04	1.80E-04	5.81E-08	1.75E-07	1.02E-07	1.24E-07	1.13E-07	5.15E-08	4.51E-08	1.94E-09	4.69E-08	1.03E-08	1.69E-08	2.68E-08	4.72E-09	2.37E-08	1.31E-07
1035	490211.24	3859716.13	1.67E-04	2.05E-04	1.79E-04	5.79E-08	1.75E-07	1.01E-07	1.24E-07	1.12E-07	5.13E-08	4.50E-08	1.93E-09	4.67E-08	1.03E-08	1.68E-08	2.67E-08	4.70E-09	2.36E-08	1.31E-07
1036	490061.24	3859766.13	1.64E-04	2.00E-04	1.76E-04	5.67E-08	1.71E-07	9.92E-08	1.21E-07	1.10E-07	5.02E-08	4.41E-08	1.89E-09	4.58E-08	1.01E-08	1.65E-08	2.62E-08	4.61E-09	2.31E-08	1.28E-07
1037	490111.24	3859766.13	1.63E-04	1.99E-04	1.75E-04	5.64E-08	1.70E-07	9.85E-08	1.21E-07	1.09E-07	4.99E-08	4.38E-08	1.88E-09	4.55E-08	1.00E-08	1.64E-08	2.60E-08	4.58E-09	2.30E-08	1.27E-07
1038	490161.24	3859766.13	1.62E-04	1.98E-04	1.74E-04	5.60E-08	1.69E-07	9.80E-08	1.20E-07	1.09E-07	4.96E-08	4.35E-08	1.87E-09	4.52E-08	9.98E-09	1.63E-08	2.58E-08	4.55E-09	2.28E-08	1.27E-07

1039	490211.24	3859766.13	1.61E-04	1.97E-04	1.73E-04	5.58E-08	1.69E-07	9.76E-08	1.19E-07	1.08E-07	4.94E-08	4.33E-08	1.86E-09	4.50E-08	9.93E-09	1.62E-08	2.57E-08	4.54E-09	2.27E-08	1.26E-07
1040	490061.24	3859816.13	1.59E-04	1.95E-04	1.71E-04	5.50E-08	1.66E-07	9.62E-08	1.18E-07	1.07E-07	4.87E-08	4.27E-08	1.84E-09	4.44E-08	9.80E-09	1.60E-08	2.54E-08	4.47E-09	2.24E-08	1.24E-07
1041	490111.24	3859816.13	1.58E-04	1.93E-04	1.69E-04	5.46E-08	1.65E-07	9.55E-08	1.17E-07	1.06E-07	4.84E-08	4.24E-08	1.82E-09	4.41E-08	9.73E-09	1.59E-08	2.52E-08	4.44E-09	2.23E-08	1.23E-07
1042	490161.24	3859816.13	1.57E-04	1.92E-04	1.68E-04	5.43E-08	1.64E-07	9.49E-08	1.16E-07	1.05E-07	4.81E-08	4.22E-08	1.81E-09	4.38E-08	9.66E-09	1.58E-08	2.50E-08	4.41E-09	2.21E-08	1.23E-07
1043	490211.24	3859816.13	1.56E-04	1.91E-04	1.67E-04	5.40E-08	1.63E-07	9.43E-08	1.16E-07	1.05E-07	4.78E-08	4.19E-08	1.80E-09	4.35E-08	9.61E-09	1.57E-08	2.49E-08	4.39E-09	2.20E-08	1.22E-07
1044	490061.24	3859866.13	1.54E-04	1.89E-04	1.66E-04	5.35E-08	1.61E-07	9.35E-08	1.15E-07	1.04E-07	4.74E-08	4.15E-08	1.79E-09	4.31E-08	9.52E-09	1.55E-08	2.47E-08	4.35E-09	2.18E-08	1.21E-07
1045	490111.24	3859866.13	1.53E-04	1.88E-04	1.65E-04	5.31E-08	1.60E-07	9.28E-08	1.14E-07	1.03E-07	4.70E-08	4.12E-08	1.77E-09	4.28E-08	9.45E-09	1.54E-08	2.45E-08	4.32E-09	2.16E-08	1.20E-07
1046	490161.24	3859866.13	1.52E-04	1.86E-04	1.63E-04	5.27E-08	1.59E-07	9.22E-08	1.13E-07	1.02E-07	4.67E-08	4.10E-08	1.76E-09	4.25E-08	9.39E-09	1.53E-08	2.43E-08	4.29E-09	2.15E-08	1.19E-07
1047	490211.24	3859866.13	1.51E-04	1.85E-04	1.62E-04	5.24E-08	1.58E-07	9.16E-08	1.12E-07	1.02E-07	4.64E-08	4.07E-08	1.75E-09	4.23E-08	9.33E-09	1.52E-08	2.42E-08	4.26E-09	2.14E-08	1.18E-07
1048	490061.24	3859916.13	1.50E-04	1.84E-04	1.61E-04	5.20E-08	1.57E-07	9.09E-08	1.11E-07	1.01E-07	4.60E-08	4.04E-08	1.74E-09	4.19E-08	9.26E-09	1.51E-08	2.40E-08	4.23E-09	2.12E-08	1.17E-07
1049	490111.24	3859916.13	1.49E-04	1.83E-04	1.60E-04	5.17E-08	1.56E-07	9.03E-08	1.11E-07	1.00E-07	4.58E-08	4.01E-08	1.73E-09	4.17E-08	9.20E-09	1.50E-08	2.38E-08	4.20E-09	2.11E-08	1.17E-07
1050	490161.24	3859916.13	1.48E-04	1.81E-04	1.59E-04	5.13E-08	1.55E-07	8.97E-08	1.10E-07	9.96E-08	4.54E-08	3.98E-08	1.71E-09	4.14E-08	9.13E-09	1.49E-08	2.37E-08	4.17E-09	2.09E-08	1.16E-07
1051	490211.24	3859916.13	1.47E-04	1.80E-04	1.58E-04	5.09E-08	1.54E-07	8.91E-08	1.09E-07	9.89E-08	4.51E-08	3.96E-08	1.70E-09	4.11E-08	9.07E-09	1.48E-08	2.35E-08	4.14E-09	2.08E-08	1.15E-07
1052	490229.25	3859815.26	1.56E-04	1.91E-04	1.67E-04	5.39E-08	1.63E-07	9.43E-08	1.15E-07	1.05E-07	4.78E-08	4.19E-08	1.80E-09	4.35E-08	9.60E-09	1.57E-08	2.49E-08	4.38E-09	2.20E-08	1.22E-07
1053	490279.25	3859815.26	1.55E-04	1.90E-04	1.66E-04	5.37E-08	1.62E-07	9.38E-08	1.15E-07	1.04E-07	4.75E-08	4.17E-08	1.79E-09	4.33E-08	9.55E-09	1.56E-08	2.47E-08	4.36E-09	2.19E-08	1.21E-07
1054	490329.25	3859815.26	1.54E-04	1.89E-04	1.66E-04	5.34E-08	1.61E-07	9.34E-08	1.14E-07	1.04E-07	4.73E-08	4.15E-08	1.78E-09	4.31E-08	9.51E-09	1.55E-08	2.46E-08	4.34E-09	2.18E-08	1.21E-07
1055	490379.25	3859815.26	1.54E-04	1.89E-04	1.65E-04	5.34E-08	1.61E-07	9.33E-08	1.14E-07	1.04E-07	4.73E-08	4.14E-08	1.78E-09	4.30E-08	9.50E-09	1.55E-08	2.46E-08	4.34E-09	2.18E-08	1.21E-07
1056	490429.25	3859815.26	1.54E-04	1.89E-04	1.65E-04	5.34E-08	1.61E-07	9.33E-08	1.14E-07	1.04E-07	4.73E-08	4.15E-08	1.78E-09	4.31E-08	9.50E-09	1.55E-08	2.46E-08	4.34E-09	2.18E-08	1.21E-07
1057	490229.25	3859865.26	1.51E-04	1.85E-04	1.62E-04	5.23E-08	1.58E-07	9.14E-08	1.12E-07	1.02E-07	4.63E-08	4.06E-08	1.75E-09	4.22E-08	9.31E-09	1.52E-08	2.41E-08	4.25E-09	2.13E-08	1.18E-07
1058	490279.25	3859865.26	1.50E-04	1.84E-04	1.61E-04	5.20E-08	1.57E-07	9.09E-08	1.11E-07	1.01E-07	4.61E-08	4.04E-08	1.74E-09	4.19E-08	9.26E-09	1.51E-08	2.40E-08	4.23E-09	2.12E-08	1.17E-07
1059	490329.25	3859865.26	1.49E-04	1.83E-04	1.60E-04	5.17E-08	1.56E-07	9.04E-08	1.11E-07	1.00E-07	4.58E-08	4.02E-08	1.73E-09	4.17E-08	9.21E-09	1.50E-08	2.39E-08	4.20E-09	2.11E-08	1.17E-07
1060	490379.25	3859865.26	1.49E-04	1.82E-04	1.60E-04	5.16E-08	1.56E-07	9.01E-08	1.10E-07	1.00E-07	4.56E-08	4.00E-08	1.72E-09	4.16E-08	9.18E-09	1.50E-08	2.38E-08	4.19E-09	2.10E-08	1.16E-07
1061	490429.25	3859865.26	1.48E-04	1.82E-04	1.59E-04	5.14E-08	1.55E-07	8.99E-08	1.10E-07	9.98E-08	4.55E-08	3.99E-08	1.72E-09	4.15E-08	9.15E-09	1.49E-08	2.37E-08	4.18E-09	2.10E-08	1.16E-07
1062	490229.25	3859915.26	1.47E-04	1.80E-04	1.58E-04	5.09E-08	1.54E-07	8.89E-08	1.09E-07	9.87E-08	4.50E-08	3.95E-08	1.70E-09	4.10E-08	9.05E-09	1.48E-08	2.35E-08	4.13E-09	2.07E-08	1.15E-07
1063	490279.25	3859915.26	1.46E-04	1.78E-04	1.57E-04	5.05E-08	1.52E-07	8.83E-08	1.08E-07	9.80E-08	4.47E-08	3.92E-08	1.69E-09	4.07E-08	8.99E-09	1.47E-08	2.33E-08	4.10E-09	2.06E-08	1.14E-07
1064	490329.25	3859915.26	1.45E-04	1.77E-04	1.56E-04	5.02E-08	1.52E-07	8.77E-08	1.07E-07	9.74E-08	4.45E-08	3.90E-08	1.68E-09	4.05E-08	8.94E-09	1.46E-08	2.31E-08	4.08E-09	2.05E-08	1.13E-07
1065	490379.25	3859915.26	1.44E-04	1.77E-04	1.55E-04	5.00E-08	1.51E-07	8.73E-08	1.07E-07	9.70E-08	4.42E-08	3.88E-08	1.67E-09	4.03E-08	8.89E-09	1.45E-08	2.30E-08	4.06E-09	2.04E-08	1.13E-07
1066	490429.25	3859915.26	1.44E-04	1.76E-04	1.54E-04	4.97E-08	1.50E-07	8.69E-08	1.06E-07	9.65E-08	4.40E-08	3.86E-08	1.66E-09	4.01E-08	8.85E-09	1.45E-08	2.29E-08	4.04E-09	2.03E-08	1.12E-07
1067	490451.43	3859872.59	1.47E-04	1.81E-04	1.58E-04	5.11E-08	1.54E-07	8.93E-08	1.09E-07	9.92E-08	4.53E-08	3.97E-08	1.71E-09	4.12E-08	9.10E-09	1.49E-08	2.36E-08	4.15E-09	2.08E-08	1.15E-07
1068	490501.43	3859872.59	1.47E-04	1.81E-04	1.58E-04	5.11E-08	1.54E-07	8.93E-08	1.09E-07	9.92E-08	4.52E-08	3.97E-08	1.71E-09	4.12E-08	9.09E-09	1.49E-08	2.36E-08	4.15E-09	2.08E-08	1.15E-07
1069	490551.43	3859872.59	1.48E-04	1.81E-04	1.59E-04	5.12E-08	1.55E-07	8.95E-08	1.10E-07	9.94E-08	4.53E-08	3.98E-08	1.71E-09	4.13E-08	9.11E-09	1.49E-08	2.36E-08	4.16E-09	2.09E-08	1.16E-07
1070	490601.43	3859872.59	1.48E-04	1.81E-04	1.59E-04	5.13E-08	1.55E-07	8.97E-08	1.10E-07	9.96E-08	4.54E-08	3.98E-08	1.71E-09	4.14E-08	9.13E-09	1.49E-08	2.37E-08	4.17E-09	2.09E-08	1.16E-07
1071	490451.43	3859922.59	1.43E-04	1.75E-04	1.53E-04	4.94E-08	1.49E-07	8.64E-08	1.06E-07	9.59E-08	4.38E-08	3.84E-08	1.65E-09	3.99E-08	8.80E-09	1.44E-08	2.28E-08	4.02E-09	2.01E-08	1.12E-07
1072	490501.43	3859922.59	1.42E-04	1.74E-04	1.53E-04	4.93E-08	1.49E-07	8.62E-08	1.06E-07	9.57E-08	4.37E-08	3.83E-08	1.65E-09	3.98E-08	8.78E-09	1.43E-08	2.27E-08	4.01E-09	2.01E-08	1.11E-07
1073	490551.43	3859922.59	1.42E-04	1.74E-04	1.53E-04	4.93E-08	1.49E-07	8.62E-08	1.06E-07	9.58E-08	4.37E-08	3.83E-08	1.65E-09	3.98E-08	8.78E-09	1.43E-08	2.28E-08	4.01E-09	2.01E-08	1.11E-07
1074	490601.43	3859922.59	1.43E-04	1.75E-04	1.53E-04	4.94E-08	1.49E-07	8.64E-08	1.06E-07	9.59E-08	4.38E-08	3.84E-08	1.65E-09	3.99E-08	8.80E-09	1.44E-08	2.28E-08	4.02E-09	2.01E-08	1.12E-07
1075	482129.67	3852241.07	8.34E-05	1.02E-04	8.96E-05	2.89E-08	8.72E-08	5.05E-08	6.19E-08	5.61E-08	2.56E-08	2.24E-08	9.65E-10	2.33E-08	5.14E-09	8.40E-09	1.33E-08	2.35E-09	1.18E-08	6.53E-08
1076	482029.67	3852291.07	8.48E-05	1.04E-04	9.11E-05	2.94E-08	8.87E-08	5.13E-08	6.29E-08	5.70E-08	2.60E-08	2.28E-08	9.81E-10	2.37E-08	5.23E-09	8.54E-09	1.35E-08	2.39E-09	1.20E-08	6.64E-08
1077	482079.67	3852291.07	8.52E-05	1.04E-04	9.15E-05	2.95E-08	8.91E-08	5.16E-08	6.32E-08	5.73E-08	2.61E-08	2.29E-08	9.86E-10	2.38E-08	5.25E-09	8.58E-09	1.36E-08	2.40E-09	1.20E-08	6.67E-08
1078	482129.67	3852291.07	8.54E-05	1.05E-04	9.18E-05	2.96E-08	8.93E-08	5.17E-08	6.34E-08	5.74E-08	2.62E-08	2.30E-08	9.88E-10	2.39E-08	5.27E-09	8.60E-09	1.36E-08	2.41E-09	1.21E-08	6.68E-08
1079	482179.67	3852291.07	8.54E-05	1.05E-04	9.18E-05	2.96E-08	8.94E-08	5.17E-08	6.34E-08	5.75E-08	2.62E-08	2.30E-08	9.89E-10	2.39E-08	5.27E-09	8.61E-09	1.37E-08	2.41E-09	1.21E-08	6.69E-08
1080	482229.67	3852291.07	8.52E-05	1.04E-04	9.15E-05	2.95E-08	8.91E-08	5.16E-08	6.32E-08	5.73E-08	2.61E-08	2.29E-08	9.85E-10	2.38E-08	5.25E-09	8.58E-09	1.36E-08	2.40E-09	1.20E-08	6.67E-08
1081	482029.67	3852341.07	8.62E-05	1.06E-04	9.26E-05	2.99E-08	9.02E-08	5.22E-08	6.40E-08	5.80E-08	2.65E-08	2.32E-08	9.98E-10	2.41E-08	5.32E-09	8.69E-09	1.38E-08	2.43E-09	1.22E-08	6.75E-08
1082	482079.67	3852341.07	8.69E-05	1.06E-04	9.33E-05	3.01E-08	9.09E-08	5.26E-08	6.44E-08	5.84E-08	2.67E-08	2.34E-08	1.01E-09	2.43E-08	5.36E-09	8.75E-09	1.39E-08	2.45E-09	1.23E-08	6.80E-08
1083	482129.67	3852341.07	8.72E-05	1.07E-04	9.38E-05	3.02E-08	9.13E-08	5.28E-08	6.47E-08	5.87E-08	2.68E-08	2.35E-08	1.01E-09	2.44E-08	5.38E-09	8.79E-09	1.39E-08	2.46E-09	1.23E-08	6.83E-08
1084	482179.67	3852341.07	8.75E-05	1.07E-04	9.41E-05	3.03E-08	9.16E-08	5.30E-08	6.50E-08	5.89E-08	2.69E-08	2.36E-08	1.01E-09	2.45E-08	5.40E-09	8.82E-09	1.40E-08	2.47E-09	1.24E-08	6.85E-08
1085	482259.06	3852400.14	8.95E-05	1.10E-04	9.62E-05	3.10E-08	9.37E-08	5.42E-08	6.64E-08	6.02E-08	2.75E-08	2.41E-08	1.04E-09	2.50E-08	5.52E-09	9.02E-09	1.43E-08	2.52E-09	1.27E-08	7.01E-08
1086	482309.06	3852400.14	9.00E-05	1.10E-04	9.67E-05	3.12E-08	9.42E-08	5.45E-08	6.68E-08	6.05E-08	2.76E-08	2.42E-08	1.04E-09	2.52E-08	5.55E-09	9.07E-09	1.44E-08	2.53E-09	1.27E-08	7.04E-08
1087	482209.06	3852450.14	9.13E-05	1.12E-04	9.81E-05	3.16E-08	9.56E-08	5.53E-08	6.78E-08	6.14E-08	2.80E-08	2.46E-08	1.06E-09	2.55E-08	5.63E-09	9.20E-09	1.46E-08	2.57E-09	1.29E-08	7.15E-08
1088	482259.06	3852450.14	9.17E-05	1.12E-04	9.85E-05	3.18E-08	9.59E-08	5.55E-08	6.80E-08	6.17E-08	2.81E-08	2.47E-08	1.06E-09	2.56E-08	5.66E-09	9.24E-09	1.47E-08	2.58E-09	1.30E-08	7.18E-08
1089	482309.06	3852450.14	9.23E-05	1.13E-04	9.92E-05	3.20E-08	9.66E-08	5.59E-08	6.85E-08	6.21E-08	2.83E-08	2.49E-08	1.07E-09	2.58E-08	5.69E-09	9.30E-09	1.47E-08	2.60E-09	1.30E-08	7.22E-08
1090	482209.06	3852500.14	9.33E-05	1.14E-04	1.00E-04	3.23E-08	9.76E-08	5.65E-08	6.92E-08	6.28E-08	2.86E-08	2.51E-08	1.08E-09	2.61E-08	5.75E-09	9.40E-09	1.49E-08	2.63E-09	1.32E-08	7.30E-08
1091	482259.06	3852500.14	9.39E-05	1.15E-04	1.01E-04	3.25E-08	9.82E-08	5.69E-08	6.97E-08	6.31E-08	2.88E-08	2.53E-08	1.09E-09	2.62E-08	5.79E-09	9.46E-09	1.50E-08	2.64E-09	1.33E-08	7.35E-08
1092	482309.06	3852500.14	9.44E-05	1.16E-04	1.01E-04	3.27E-08	9.88E-08	5.72E-08	7.01E-08	6.35E-08	2.90E-08	2.54E-08	1.09E-09	2.64E-08	5.82E-09	9.51E-09	1.51E-08	2.66E-09	1.33E-08	7.39E-08
1093	482283.91	3852513.62	9.47E-05	1.16E-04	1.02E-04	3.28E-08	9.91E-08	5.74E-08	7.03E-08	6.37E-08	2.91E-08	2.55E-08	1.10E-09	2.65E-08	5.84E-09	9.54E-09	1.51E-08	2.67E-09	1.34E-08	7.41E-08

1094	482333.91	3852513.62	9.51E-05	1.17E-04	1.02E-04	3.30E-08	9.95E-08	5.76E-08	7.06E-08	6.40E-08	2.92E-08	2.56E-08	1.10E-09	2.66E-08	5.87E-09	9.58E-09	1.52E-08	2.68E-09	1.34E-08	7.45E-08
1095	482283.91	3852563.62	9.66E-05	1.18E-04	1.04E-04	3.35E-08	1.01E-07	5.85E-08	7.17E-08	6.50E-08	2.97E-08	2.60E-08	1.12E-09	2.70E-08	5.96E-09	9.73E-09	1.54E-08	2.72E-09	1.37E-08	7.56E-08
1096	482333.91	3852563.62	9.71E-05	1.19E-04	1.04E-04	3.36E-08	1.02E-07	5.88E-08	7.20E-08	6.53E-08	2.98E-08	2.61E-08	1.12E-09	2.71E-08	5.99E-09	9.78E-09	1.55E-08	2.73E-09	1.37E-08	7.60E-08
1097	482383.91	3852563.62	9.74E-05	1.19E-04	1.05E-04	3.37E-08	1.02E-07	5.90E-08	7.23E-08	6.55E-08	2.99E-08	2.62E-08	1.13E-09	2.72E-08	6.01E-09	9.81E-09	1.56E-08	2.74E-09	1.38E-08	7.62E-08
1098	482283.91	3852613.62	9.91E-05	1.21E-04	1.06E-04	3.43E-08	1.04E-07	6.00E-08	7.35E-08	6.66E-08	3.04E-08	2.67E-08	1.15E-09	2.77E-08	6.11E-09	9.98E-09	1.58E-08	2.79E-09	1.40E-08	7.76E-08
1099	482333.91	3852613.62	9.94E-05	1.22E-04	1.07E-04	3.44E-08	1.04E-07	6.02E-08	7.37E-08	6.68E-08	3.05E-08	2.68E-08	1.15E-09	2.78E-08	6.13E-09	1.00E-08	1.59E-08	2.80E-09	1.40E-08	7.78E-08
1100	482383.91	3852613.62	9.96E-05	1.22E-04	1.07E-04	3.45E-08	1.04E-07	6.03E-08	7.39E-08	6.70E-08	3.06E-08	2.68E-08	1.15E-09	2.78E-08	6.14E-09	1.00E-08	1.59E-08	2.81E-09	1.41E-08	7.80E-08
1101	482602.38	3852600.87	1.02E-04	1.24E-04	1.09E-04	3.52E-08	1.06E-07	6.16E-08	7.54E-08	6.84E-08	3.12E-08	2.74E-08	1.18E-09	2.84E-08	6.27E-09	1.02E-08	1.62E-08	2.86E-09	1.44E-08	7.96E-08
1102	482652.38	3852600.87	1.02E-04	1.25E-04	1.09E-04	3.53E-08	1.07E-07	6.17E-08	7.55E-08	6.85E-08	3.12E-08	2.74E-08	1.18E-09	2.85E-08	6.28E-09	1.03E-08	1.63E-08	2.87E-09	1.44E-08	7.97E-08
1103	482702.38	3852600.87	1.01E-04	1.24E-04	1.09E-04	3.51E-08	1.06E-07	6.13E-08	7.51E-08	6.81E-08	3.11E-08	2.73E-08	1.17E-09	2.83E-08	6.24E-09	1.02E-08	1.62E-08	2.85E-09	1.43E-08	7.92E-08
1104	482552.38	3852650.87	1.04E-04	1.28E-04	1.12E-04	3.61E-08	1.09E-07	6.31E-08	7.73E-08	7.00E-08	3.20E-08	2.80E-08	1.21E-09	2.91E-08	6.42E-09	1.05E-08	1.66E-08	2.93E-09	1.47E-08	8.15E-08
1105	482602.38	3852650.87	1.05E-04	1.28E-04	1.13E-04	3.63E-08	1.10E-07	6.34E-08	7.77E-08	7.04E-08	3.21E-08	2.82E-08	1.21E-09	2.93E-08	6.46E-09	1.05E-08	1.67E-08	2.95E-09	1.48E-08	8.20E-08
1106	482652.38	3852650.87	1.05E-04	1.29E-04	1.13E-04	3.64E-08	1.10E-07	6.37E-08	7.80E-08	7.07E-08	3.23E-08	2.83E-08	1.22E-09	2.94E-08	6.48E-09	1.06E-08	1.68E-08	2.96E-09	1.49E-08	8.23E-08
1107	482702.38	3852650.87	1.05E-04	1.29E-04	1.13E-04	3.65E-08	1.10E-07	6.38E-08	7.81E-08	7.08E-08	3.23E-08	2.83E-08	1.22E-09	2.94E-08	6.49E-09	1.06E-08	1.68E-08	2.96E-09	1.49E-08	8.24E-08
1108	482552.38	3852700.87	1.07E-04	1.31E-04	1.15E-04	3.70E-08	1.12E-07	6.48E-08	7.93E-08	7.19E-08	3.28E-08	2.88E-08	1.24E-09	2.99E-08	6.59E-09	1.08E-08	1.71E-08	3.01E-09	1.51E-08	8.37E-08
1109	482602.38	3852700.87	1.08E-04	1.32E-04	1.16E-04	3.73E-08	1.13E-07	6.52E-08	7.99E-08	7.24E-08	3.30E-08	2.90E-08	1.25E-09	3.01E-08	6.64E-09	1.08E-08	1.72E-08	3.03E-09	1.52E-08	8.43E-08
1110	482652.38	3852700.87	1.08E-04	1.32E-04	1.16E-04	3.74E-08	1.13E-07	6.53E-08	8.00E-08	7.25E-08	3.31E-08	2.90E-08	1.25E-09	3.01E-08	6.65E-09	1.09E-08	1.72E-08	3.04E-09	1.52E-08	8.44E-08
1111	482702.38	3852700.87	1.09E-04	1.33E-04	1.17E-04	3.76E-08	1.14E-07	6.58E-08	8.05E-08	7.30E-08	3.33E-08	2.92E-08	1.26E-09	3.03E-08	6.70E-09	1.09E-08	1.73E-08	3.06E-09	1.53E-08	8.50E-08
1112	482452.38	3852750.87	1.08E-04	1.32E-04	1.16E-04	3.74E-08	1.13E-07	6.53E-08	8.00E-08	7.25E-08	3.31E-08	2.90E-08	1.25E-09	3.01E-08	6.65E-09	1.09E-08	1.72E-08	3.04E-09	1.52E-08	8.44E-08
1113	482521.29	3852749.74	1.09E-04	1.33E-04	1.17E-04	3.77E-08	1.14E-07	6.59E-08	8.08E-08	7.32E-08	3.34E-08	2.93E-08	1.26E-09	3.04E-08	6.71E-09	1.10E-08	1.74E-08	3.07E-09	1.54E-08	8.52E-08
1114	482571.29	3852749.74	1.10E-04	1.34E-04	1.18E-04	3.80E-08	1.15E-07	6.65E-08	8.15E-08	7.38E-08	3.37E-08	2.96E-08	1.27E-09	3.07E-08	6.77E-09	1.11E-08	1.75E-08	3.09E-09	1.55E-08	8.59E-08
1115	482521.29	3852799.74	1.12E-04	1.37E-04	1.20E-04	3.86E-08	1.17E-07	6.75E-08	8.27E-08	7.50E-08	3.42E-08	3.00E-08	1.29E-09	3.12E-08	6.88E-09	1.12E-08	1.78E-08	3.14E-09	1.58E-08	8.73E-08
1116	482571.29	3852799.74	1.12E-04	1.38E-04	1.21E-04	3.90E-08	1.18E-07	6.81E-08	8.35E-08	7.57E-08	3.45E-08	3.03E-08	1.30E-09	3.14E-08	6.94E-09	1.13E-08	1.80E-08	3.17E-09	1.59E-08	8.81E-08
1117	482621.29	3852799.74	1.14E-04	1.39E-04	1.22E-04	3.94E-08	1.19E-07	6.89E-08	8.43E-08	7.65E-08	3.49E-08	3.06E-08	1.32E-09	3.18E-08	7.01E-09	1.15E-08	1.82E-08	3.20E-09	1.61E-08	8.90E-08
1118	482571.29	3852849.74	1.16E-04	1.42E-04	1.24E-04	4.01E-08	1.21E-07	7.01E-08	8.58E-08	7.78E-08	3.55E-08	3.12E-08	1.34E-09	3.23E-08	7.14E-09	1.17E-08	1.85E-08	3.26E-09	1.64E-08	9.06E-08
1119	482621.29	3852849.74	1.17E-04	1.44E-04	1.26E-04	4.06E-08	1.23E-07	7.10E-08	8.69E-08	7.88E-08	3.60E-08	3.16E-08	1.36E-09	3.28E-08	7.23E-09	1.18E-08	1.87E-08	3.30E-09	1.66E-08	9.17E-08
1120	482577.42	3852901.55	1.20E-04	1.46E-04	1.28E-04	4.14E-08	1.25E-07	7.24E-08	8.87E-08	8.04E-08	3.67E-08	3.22E-08	1.38E-09	3.34E-08	7.37E-09	1.20E-08	1.91E-08	3.37E-09	1.69E-08	9.36E-08
1121	482627.42	3852901.55	1.21E-04	1.49E-04	1.30E-04	4.20E-08	1.27E-07	7.34E-08	9.00E-08	8.16E-08	3.72E-08	3.27E-08	1.40E-09	3.39E-08	7.48E-09	1.22E-08	1.94E-08	3.42E-09	1.71E-08	9.49E-08
1122	482629.96	3852955.85	1.25E-04	1.54E-04	1.35E-04	4.34E-08	1.31E-07	7.59E-08	9.30E-08	8.43E-08	3.85E-08	3.38E-08	1.45E-09	3.50E-08	7.73E-09	1.26E-08	2.00E-08	3.53E-09	1.77E-08	9.81E-08
1123	482679.96	3852955.85	1.27E-04	1.56E-04	1.37E-04	4.41E-08	1.33E-07	7.71E-08	9.45E-08	8.56E-08	3.91E-08	3.43E-08	1.47E-09	3.56E-08	7.85E-09	1.28E-08	2.03E-08	3.59E-09	1.80E-08	9.97E-08
1124	482781.63	3853034.48	1.38E-04	1.70E-04	1.49E-04	4.80E-08	1.45E-07	8.38E-08	1.03E-07	9.31E-08	4.25E-08	3.73E-08	1.60E-09	3.87E-08	8.54E-09	1.39E-08	2.21E-08	3.90E-09	1.96E-08	1.08E-07
1125	482831.63	3853034.48	1.39E-04	1.70E-04	1.50E-04	4.82E-08	1.46E-07	8.43E-08	1.03E-07	9.36E-08	4.27E-08	3.75E-08	1.61E-09	3.89E-08	8.58E-09	1.40E-08	2.22E-08	3.92E-09	1.97E-08	1.09E-07
1126	482881.63	3853034.48	1.39E-04	1.70E-04	1.50E-04	4.82E-08	1.46E-07	8.43E-08	1.03E-07	9.36E-08	4.27E-08	3.75E-08	1.61E-09	3.89E-08	8.58E-09	1.40E-08	2.22E-08	3.92E-09	1.97E-08	1.09E-07
1127	482781.63	3853084.48	1.44E-04	1.76E-04	1.55E-04	4.98E-08	1.51E-07	8.71E-08	1.07E-07	9.68E-08	4.41E-08	3.88E-08	1.66E-09	4.02E-08	8.87E-09	1.45E-08	2.30E-08	4.05E-09	2.03E-08	1.13E-07
1128	482831.63	3853084.48	1.45E-04	1.78E-04	1.56E-04	5.02E-08	1.52E-07	8.78E-08	1.08E-07	9.75E-08	4.45E-08	3.90E-08	1.68E-09	4.05E-08	8.94E-09	1.46E-08	2.32E-08	4.08E-09	2.05E-08	1.13E-07
1129	482881.63	3853084.48	1.45E-04	1.78E-04	1.56E-04	5.03E-08	1.52E-07	8.79E-08	1.08E-07	9.76E-08	4.45E-08	3.91E-08	1.68E-09	4.05E-08	8.95E-09	1.46E-08	2.32E-08	4.09E-09	2.05E-08	1.14E-07
1130	482781.63	3853134.48	1.50E-04	1.83E-04	1.61E-04	5.19E-08	1.57E-07	9.06E-08	1.11E-07	1.01E-07	4.59E-08	4.03E-08	1.73E-09	4.18E-08	9.23E-09	1.51E-08	2.39E-08	4.22E-09	2.12E-08	1.17E-07
1131	482831.63	3853134.48	1.51E-04	1.85E-04	1.62E-04	5.23E-08	1.58E-07	9.15E-08	1.12E-07	1.02E-07	4.64E-08	4.07E-08	1.75E-09	4.22E-08	9.32E-09	1.52E-08	2.41E-08	4.25E-09	2.14E-08	1.18E-07
1132	482881.63	3853134.48	1.51E-04	1.85E-04	1.63E-04	5.24E-08	1.58E-07	9.16E-08	1.12E-07	1.02E-07	4.64E-08	4.07E-08	1.75E-09	4.23E-08	9.33E-09	1.52E-08	2.42E-08	4.26E-09	2.14E-08	1.18E-07
1133	482831.63	3853184.48	1.58E-04	1.93E-04	1.70E-04	5.47E-08	1.65E-07	9.56E-08	1.17E-07	1.06E-07	4.85E-08	4.25E-08	1.83E-09	4.41E-08	9.74E-09	1.59E-08	2.52E-08	4.45E-09	2.23E-08	1.24E-07
1134	482881.63	3853184.48	1.58E-04	1.94E-04	1.70E-04	5.48E-08	1.65E-07	9.58E-08	1.17E-07	1.06E-07	4.85E-08	4.26E-08	1.83E-09	4.42E-08	9.75E-09	1.59E-08	2.53E-08	4.45E-09	2.24E-08	1.24E-07
1135	484154.84	3854250.98	5.53E-04	6.77E-04	5.95E-04	1.92E-07	5.78E-07	3.35E-07	4.10E-07	3.72E-07	1.70E-07	1.49E-07	6.40E-09	1.55E-07	3.41E-08	5.57E-08	8.84E-08	1.56E-08	7.82E-08	4.33E-07
1136	484204.84	3854250.98	5.36E-04	6.57E-04	5.77E-04	1.86E-07	5.61E-07	3.25E-07	3.98E-07	3.61E-07	1.65E-07	1.45E-07	6.21E-09	1.50E-07	3.31E-08	5.41E-08	8.57E-08	1.51E-08	7.59E-08	4.20E-07
1137	484154.84	3854300.98	5.73E-04	7.03E-04	6.17E-04	1.99E-07	6.00E-07	3.47E-07	4.26E-07	3.86E-07	1.76E-07	1.55E-07	6.64E-09	1.60E-07	3.54E-08	5.78E-08	9.17E-08	1.62E-08	8.12E-08	4.49E-07
1138	484204.84	3854300.98	5.64E-04	6.92E-04	6.08E-04	1.96E-07	5.91E-07	3.42E-07	4.19E-07	3.80E-07	1.73E-07	1.52E-07	6.53E-09	1.58E-07	3.48E-08	5.69E-08	9.02E-08	1.59E-08	7.99E-08	4.42E-07
1139	484074.19	3854519.8	9.25E-04	1.13E-03	9.95E-04	3.21E-07	9.68E-07	5.60E-07	6.87E-07	6.22E-07	2.84E-07	2.49E-07	1.07E-08	2.59E-07	5.71E-08	9.32E-08	1.48E-07	2.61E-08	1.31E-07	7.24E-07
1140	484124.19	3854519.8	8.79E-04	1.08E-03	9.46E-04	3.05E-07	9.20E-07	5.32E-07	6.52E-07	5.91E-07	2.70E-07	2.37E-07	1.02E-08	2.46E-07	5.42E-08	8.86E-08	1.41E-07	2.48E-08	1.24E-07	6.88E-07
1141	484074.19	3854569.8	1.10E-03	1.35E-03	1.19E-03	3.82E-07	1.15E-06	6.68E-07	8.19E-07	7.42E-07	3.39E-07	2.97E-07	1.28E-08	3.08E-07	6.80E-08	1.11E-07	1.76E-07	3.11E-08	1.56E-07	8.64E-07
1142	484124.19	3854569.8	1.03E-03	1.26E-03	1.11E-03	3.57E-07	1.08E-06	6.24E-07	7.64E-07	6.93E-07	3.16E-07	2.78E-07	1.19E-08	2.88E-07	6.35E-08	1.04E-07	1.65E-07	2.90E-08	1.46E-07	8.06E-07
1143	485205.11	3855188.89	4.23E-03	5.18E-03	4.54E-03	1.47E-06	4.43E-06	2.56E-06	3.14E-06	2.85E-06	1.30E-06	1.14E-06	4.89E-08	1.18E-06	2.61E-07	4.26E-07	6.76E-07	1.19E-07	5.97E-07	3.31E-06
1144	485255.11	3855188.89	3.78E-03	4.63E-03	4.06E-03	1.31E-06	3.96E-06	2.29E-06	2.81E-06	2.54E-06	1.16E-06	1.02E-06	4.38E-08	1.06E-06	2.33E-07	3.81E-07	6.04E-07	1.07E-07	5.34E-07	2.96E-06
1145	485205.11	3855238.89	4.63E-03	5.68E-03	4.98E-03	1.61E-06	4.85E-06	2.81E-06	3.44E-06	3.12E-06	1.42E-06	1.25E-06	5.36E-08	1.30E-06	2.86E-07	4.67E-07	7.40E-07	1.31E-07	6.55E-07	3.63E-06
1146	485255.11	3855238.89	4.18E-03	5.12E-03	4.49E-03	1.45E-06	4.37E-06	2.53E-06	3.10E-06	2.81E-06	1.28E-06	1.13E-06	4.84E-08	1.17E-06	2.58E-07	4.21E-07	6.68E-07	1.18E-07	5.91E-07	3.27E-06
1147	485205.11	3855288.89	5.65E-03	6.92E-03	6.08E-03	1.96E-06	5.91E-06	3.42E-06	4.19E-06	3.80E-06	1.73E-06	1.52E-06	6.54E-08	1.58E-06	3.48E-07	5.69E-07	9.03E-07	1.59E-07	7.99E-07	4.42E-06
1148	485255.11	3855288.89	4.89E-03	5.99E-03	5.26E-03	1.70E-06	5.12E-06	2.96E-06	3.63E-06	3.29E-06	1.50E-06	1.32E-06	5.66E-08	1.37E-06	3.02E-07	4.93E-07	7.82E-07	1.38E-07	6.92E-07	3.83E-06

1149	485255.11	3855338.89	5.85E-03	7.16E-03	6.30E-03	2.03E-06	6.12E-06	3.54E-06	4.34E-06	3.93E-06	1.80E-06	1.58E-06	6.77E-08	1.63E-06	3.61E-07	5.89E-07	9.35E-07	1.65E-07	8.28E-07	4.58E-06
1150	485305.11	3855338.89	5.06E-03	6.19E-03	5.44E-03	1.75E-06	5.29E-06	3.06E-06	3.75E-06	3.40E-06	1.55E-06	1.36E-06	5.85E-08	1.41E-06	3.12E-07	5.09E-07	8.08E-07	1.42E-07	7.16E-07	3.96E-06
1151	485852.5	3855635.28	3.50E-03	4.29E-03	3.78E-03	1.21E-06	3.67E-06	2.12E-06	2.60E-06	2.36E-06	1.08E-06	9.47E-07	4.06E-08	9.80E-07	2.16E-07	3.53E-07	5.60E-07	9.87E-08	4.97E-07	2.74E-06
1152	485902.5	3855635.28	3.23E-03	3.96E-03	3.48E-03	1.12E-06	3.38E-06	1.96E-06	2.40E-06	2.17E-06	9.91E-07	8.72E-07	3.74E-08	9.03E-07	1.99E-07	3.25E-07	5.16E-07	9.10E-08	4.58E-07	2.53E-06
1153	485852.5	3855685.28	3.83E-03	4.69E-03	4.13E-03	1.33E-06	4.01E-06	2.32E-06	2.84E-06	2.58E-06	1.18E-06	1.03E-06	4.43E-08	1.07E-06	2.36E-07	3.86E-07	6.12E-07	1.08E-07	5.43E-07	3.00E-06
1154	485902.5	3855685.28	3.50E-03	4.28E-03	3.77E-03	1.21E-06	3.66E-06	2.12E-06	2.60E-06	2.35E-06	1.07E-06	9.45E-07	4.05E-08	9.78E-07	2.16E-07	3.52E-07	5.59E-07	9.85E-08	4.96E-07	2.74E-06
1155	485852.5	3855735.28	4.23E-03	5.18E-03	4.56E-03	1.47E-06	4.42E-06	2.56E-06	3.14E-06	2.84E-06	1.30E-06	1.14E-06	4.89E-08	1.18E-06	2.61E-07	4.26E-07	6.76E-07	1.19E-07	6.00E-07	3.31E-06
1156	485902.5	3855735.28	3.85E-03	4.72E-03	4.15E-03	1.33E-06	4.03E-06	2.33E-06	2.86E-06	2.59E-06	1.18E-06	1.04E-06	4.46E-08	1.08E-06	2.37E-07	3.88E-07	6.15E-07	1.08E-07	5.46E-07	3.02E-06
1157	485852.5	3855785.28	4.81E-03	5.90E-03	5.19E-03	1.67E-06	5.04E-06	2.92E-06	3.57E-06	3.24E-06	1.48E-06	1.30E-06	5.57E-08	1.35E-06	2.97E-07	4.85E-07	7.69E-07	1.36E-07	6.83E-07	3.77E-06
1158	485902.5	3855785.28	4.24E-03	5.19E-03	4.57E-03	1.47E-06	4.44E-06	2.57E-06	3.15E-06	2.85E-06	1.30E-06	1.15E-06	4.91E-08	1.19E-06	2.62E-07	4.27E-07	6.78E-07	1.19E-07	6.02E-07	3.32E-06
1159	486809.46	3856465.28	3.76E-03	4.61E-03	4.06E-03	1.30E-06	3.93E-06	2.28E-06	2.79E-06	2.53E-06	1.15E-06	1.02E-06	4.35E-08	1.05E-06	2.32E-07	3.79E-07	6.01E-07	1.06E-07	5.34E-07	2.95E-06
1160	486859.46	3856465.28	3.52E-03	4.31E-03	3.80E-03	1.22E-06	3.68E-06	2.13E-06	2.61E-06	2.37E-06	1.08E-06	9.52E-07	4.07E-08	9.84E-07	2.17E-07	3.55E-07	5.63E-07	9.91E-08	5.00E-07	2.76E-06
1161	486909.46	3856465.28	3.31E-03	4.06E-03	3.57E-03	1.15E-06	3.46E-06	2.01E-06	2.46E-06	2.23E-06	1.02E-06	8.95E-07	3.83E-08	9.26E-07	2.04E-07	3.34E-07	5.29E-07	9.32E-08	4.70E-07	2.59E-06
1162	486809.46	3856515.28	4.12E-03	5.04E-03	4.44E-03	1.43E-06	4.31E-06	2.49E-06	3.05E-06	2.77E-06	1.26E-06	1.11E-06	4.76E-08	1.15E-06	2.54E-07	4.15E-07	6.58E-07	1.16E-07	5.84E-07	3.22E-06
1163	486859.46	3856515.28	3.82E-03	4.68E-03	4.12E-03	1.32E-06	4.00E-06	2.31E-06	2.83E-06	2.57E-06	1.17E-06	1.03E-06	4.42E-08	1.07E-06	2.36E-07	3.85E-07	6.10E-07	1.08E-07	5.42E-07	2.99E-06
1164	486909.46	3856515.28	3.57E-03	4.37E-03	3.85E-03	1.24E-06	3.74E-06	2.16E-06	2.65E-06	2.40E-06	1.10E-06	9.65E-07	4.13E-08	9.98E-07	2.20E-07	3.60E-07	5.70E-07	1.01E-07	5.07E-07	2.80E-06
1165	486980.94	3856357.95	2.68E-03	3.28E-03	2.89E-03	9.28E-07	2.80E-06	1.62E-06	1.99E-06	1.80E-06	8.22E-07	7.24E-07	3.10E-08	7.49E-07	1.65E-07	2.70E-07	4.28E-07	7.54E-08	3.80E-07	2.10E-06
1166	487030.94	3856357.95	2.57E-03	3.14E-03	2.77E-03	8.89E-07	2.68E-06	1.55E-06	1.90E-06	1.73E-06	7.87E-07	6.93E-07	2.97E-08	7.17E-07	1.58E-07	2.58E-07	4.10E-07	7.23E-08	3.64E-07	2.01E-06
1167	486980.94	3856407.95	2.85E-03	3.49E-03	3.07E-03	9.87E-07	2.98E-06	1.72E-06	2.11E-06	1.91E-06	8.74E-07	7.69E-07	3.29E-08	7.96E-07	1.76E-07	2.87E-07	4.55E-07	8.02E-08	4.04E-07	2.23E-06
1168	487030.94	3856407.95	2.72E-03	3.33E-03	2.93E-03	9.41E-07	2.84E-06	1.65E-06	2.01E-06	1.83E-06	8.33E-07	7.34E-07	3.14E-08	7.59E-07	1.68E-07	2.74E-07	4.34E-07	7.65E-08	3.85E-07	2.13E-06
1169	487447.18	3856437.45	2.03E-03	2.48E-03	2.19E-03	7.03E-07	2.12E-06	1.23E-06	1.50E-06	1.36E-06	6.22E-07	5.48E-07	2.35E-08	5.67E-07	1.25E-07	2.04E-07	3.24E-07	5.71E-08	2.88E-07	1.59E-06
1170	487497.18	3856437.45	1.96E-03	2.40E-03	2.12E-03	6.80E-07	2.05E-06	1.19E-06	1.46E-06	1.32E-06	6.02E-07	5.30E-07	2.27E-08	5.49E-07	1.21E-07	1.98E-07	3.14E-07	5.53E-08	2.78E-07	1.54E-06
1171	487547.18	3856437.45	1.90E-03	2.33E-03	2.05E-03	6.59E-07	1.99E-06	1.15E-06	1.41E-06	1.28E-06	5.84E-07	5.14E-07	2.20E-08	5.32E-07	1.17E-07	1.92E-07	3.04E-07	5.36E-08	2.70E-07	1.49E-06
1172	487447.18	3856487.45	2.11E-03	2.58E-03	2.27E-03	7.31E-07	2.21E-06	1.28E-06	1.57E-06	1.42E-06	6.47E-07	5.70E-07	2.44E-08	5.90E-07	1.30E-07	2.13E-07	3.37E-07	5.94E-08	2.99E-07	1.65E-06
1173	487497.18	3856487.45	2.04E-03	2.50E-03	2.20E-03	7.06E-07	2.13E-06	1.23E-06	1.51E-06	1.37E-06	6.25E-07	5.51E-07	2.36E-08	5.70E-07	1.26E-07	2.05E-07	3.26E-07	5.74E-08	2.89E-07	1.60E-06
1174	487547.18	3856487.45	1.97E-03	2.41E-03	2.13E-03	6.83E-07	2.06E-06	1.19E-06	1.46E-06	1.33E-06	6.05E-07	5.33E-07	2.28E-08	5.51E-07	1.22E-07	1.99E-07	3.15E-07	5.55E-08	2.80E-07	1.54E-06
1175	487447.18	3856537.45	2.19E-03	2.69E-03	2.37E-03	7.60E-07	2.30E-06	1.33E-06	1.63E-06	1.48E-06	6.73E-07	5.93E-07	2.54E-08	6.13E-07	1.35E-07	2.21E-07	3.51E-07	6.18E-08	3.11E-07	1.72E-06
1176	487497.18	3856537.45	2.12E-03	2.59E-03	2.28E-03	7.33E-07	2.21E-06	1.28E-06	1.57E-06	1.42E-06	6.49E-07	5.72E-07	2.45E-08	5.92E-07	1.31E-07	2.13E-07	3.38E-07	5.96E-08	3.00E-07	1.66E-06
1177	487547.18	3856537.45	2.04E-03	2.50E-03	2.20E-03	7.08E-07	2.14E-06	1.24E-06	1.52E-06	1.37E-06	6.27E-07	5.52E-07	2.37E-08	5.71E-07	1.26E-07	2.06E-07	3.27E-07	5.76E-08	2.90E-07	1.60E-06
1178	489285.89	3858826.54	7.69E-04	9.42E-04	8.29E-04	2.67E-07	8.05E-07	4.66E-07	5.71E-07	5.17E-07	2.36E-07	2.08E-07	8.90E-09	2.15E-07	4.74E-08	7.75E-08	1.23E-07	2.17E-08	1.09E-07	6.02E-07
1179	489335.89	3858826.54	7.18E-04	8.80E-04	7.74E-04	2.49E-07	7.51E-07	4.35E-07	5.33E-07	4.83E-07	2.20E-07	1.94E-07	8.31E-09	2.01E-07	4.43E-08	7.23E-08	1.15E-07	2.02E-08	1.02E-07	5.62E-07
1180	489385.89	3858826.54	6.75E-04	8.27E-04	7.27E-04	2.34E-07	7.06E-07	4.09E-07	5.01E-07	4.54E-07	2.07E-07	1.82E-07	7.81E-09	1.89E-07	4.16E-08	6.80E-08	1.08E-07	1.90E-08	9.56E-08	5.29E-07
1181	489435.89	3858826.54	6.39E-04	7.83E-04	6.89E-04	2.22E-07	6.69E-07	3.87E-07	4.74E-07	4.30E-07	1.96E-07	1.73E-07	7.40E-09	1.79E-07	3.94E-08	6.44E-08	1.02E-07	1.80E-08	9.06E-08	5.01E-07
1182	489485.89	3858826.54	6.09E-04	7.46E-04	6.56E-04	2.11E-07	6.37E-07	3.69E-07	4.52E-07	4.10E-07	1.87E-07	1.64E-07	7.05E-09	1.70E-07	3.76E-08	6.14E-08	9.74E-08	1.72E-08	8.63E-08	4.77E-07
1183	489535.89	3858826.54	5.83E-04	7.14E-04	6.28E-04	2.02E-07	6.10E-07	3.53E-07	4.33E-07	3.92E-07	1.79E-07	1.57E-07	6.75E-09	1.63E-07	3.60E-08	5.87E-08	9.32E-08	1.64E-08	8.26E-08	4.57E-07
1184	489585.89	3858826.54	5.60E-04	6.87E-04	6.03E-04	1.94E-07	5.86E-07	3.40E-07	4.16E-07	3.77E-07	1.72E-07	1.51E-07	6.49E-09	1.57E-07	3.46E-08	5.65E-08	8.96E-08	1.58E-08	7.94E-08	4.39E-07
1185	489635.89	3858826.54	5.41E-04	6.62E-04	5.82E-04	1.87E-07	5.66E-07	3.27E-07	4.01E-07	3.64E-07	1.66E-07	1.46E-07	6.26E-09	1.51E-07	3.33E-08	5.45E-08	8.64E-08	1.52E-08	7.65E-08	4.23E-07
1186	489685.89	3858826.54	5.23E-04	6.40E-04	5.63E-04	1.81E-07	5.47E-07	3.17E-07	3.88E-07	3.52E-07	1.60E-07	1.41E-07	6.05E-09	1.46E-07	3.22E-08	5.27E-08	8.35E-08	1.47E-08	7.40E-08	4.09E-07
1187	489735.89	3858826.54	5.07E-04	6.21E-04	5.45E-04	1.76E-07	5.30E-07	3.07E-07	3.76E-07	3.41E-07	1.55E-07	1.37E-07	5.86E-09	1.42E-07	3.12E-08	5.10E-08	8.10E-08	1.43E-08	7.17E-08	3.97E-07
1188	489785.89	3858826.54	4.92E-04	6.03E-04	5.30E-04	1.71E-07	5.15E-07	2.98E-07	3.65E-07	3.31E-07	1.51E-07	1.33E-07	5.69E-09	1.38E-07	3.04E-08	4.96E-08	7.86E-08	1.39E-08	6.96E-08	3.85E-07
1189	489835.89	3858826.54	4.79E-04	5.87E-04	5.15E-04	1.66E-07	5.01E-07	2.90E-07	3.55E-07	3.22E-07	1.47E-07	1.29E-07	5.54E-09	1.34E-07	2.95E-08	4.82E-08	7.65E-08	1.35E-08	6.77E-08	3.75E-07
1190	489885.89	3858826.54	4.67E-04	5.72E-04	5.02E-04	1.62E-07	4.89E-07	2.83E-07	3.46E-07	3.14E-07	1.43E-07	1.26E-07	5.40E-09	1.31E-07	2.88E-08	4.70E-08	7.46E-08	1.31E-08	6.60E-08	3.66E-07
1191	489935.89	3858826.54	4.56E-04	5.58E-04	4.90E-04	1.58E-07	4.77E-07	2.76E-07	3.38E-07	3.07E-07	1.40E-07	1.23E-07	5.27E-09	1.27E-07	2.81E-08	4.59E-08	7.28E-08	1.28E-08	6.45E-08	3.57E-07
1192	489985.89	3858826.54	4.46E-04	5.46E-04	4.79E-04	1.54E-07	4.66E-07	2.70E-07	3.31E-07	3.00E-07	1.37E-07	1.20E-07	5.16E-09	1.25E-07	2.75E-08	4.49E-08	7.12E-08	1.26E-08	6.30E-08	3.49E-07
1193	490035.89	3858826.54	4.36E-04	5.34E-04	4.69E-04	1.51E-07	4.56E-07	2.64E-07	3.24E-07	2.93E-07	1.34E-07	1.18E-07	5.05E-09	1.22E-07	2.69E-08	4.39E-08	6.97E-08	1.23E-08	6.17E-08	3.41E-07
1194	489285.89	3858876.54	7.03E-04	8.62E-04	7.58E-04	2.44E-07	7.36E-07	4.26E-07	5.22E-07	4.73E-07	2.16E-07	1.90E-07	8.14E-09	1.97E-07	4.34E-08	7.09E-08	1.12E-07	1.98E-08	9.97E-08	5.51E-07
1195	489335.89	3858876.54	6.60E-04	8.09E-04	7.11E-04	2.29E-07	6.91E-07	4.00E-07	4.90E-07	4.44E-07	2.03E-07	1.78E-07	7.64E-09	1.85E-07	4.07E-08	6.65E-08	1.06E-07	1.86E-08	9.36E-08	5.17E-07
1196	489385.89	3858876.54	6.24E-04	7.65E-04	6.73E-04	2.16E-07	6.53E-07	3.78E-07	4.63E-07	4.20E-07	1.92E-07	1.69E-07	7.23E-09	1.75E-07	3.85E-08	6.29E-08	9.98E-08	1.76E-08	8.84E-08	4.89E-07
1197	489435.89	3858876.54	5.94E-04	7.27E-04	6.40E-04	2.06E-07	6.21E-07	3.60E-07	4.41E-07	3.99E-07	1.82E-07	1.60E-07	6.87E-09	1.66E-07	3.66E-08	5.98E-08	9.49E-08	1.67E-08	8.41E-08	4.65E-07
1198	489485.89	3858876.54	5.67E-04	6.95E-04	6.11E-04	1.97E-07	5.94E-07	3.44E-07	4.21E-07	3.82E-07	1.74E-07	1.53E-07	6.57E-09	1.59E-07	3.50E-08	5.72E-08	9.07E-08	1.60E-08	8.04E-08	4.44E-07
1199	489535.89	3858876.54	5.45E-04	6.67E-04	5.87E-04	1.89E-07	5.70E-07	3.30E-07	4.04E-07	3.66E-07	1.67E-07	1.47E-07	6.30E-09	1.52E-07	3.36E-08	5.49E-08	8.71E-08	1.53E-08	7.71E-08	4.27E-07
1200	489585.89	3858876.54	5.25E-04	6.43E-04	5.65E-04	1.82E-07	5.49E-07	3.18E-07	3.89E-07	3.53E-07	1.61E-07	1.42E-07	6.07E-09	1.47E-07	3.24E-08	5.29E-08	8.39E-08	1.48E-08	7.43E-08	4.11E-07
1201	489635.89	3858876.54	5.08E-04	6.22E-04	5.46E-04	1.76E-07	5.31E-07	3.07E-07	3.77E-07	3.41E-07	1.56E-07	1.37E-07	5.87E-09	1.42E-07	3.13E-08	5.11E-08	8.11E-08	1.43E-08	7.19E-08	3.97E-07
1202	489685.89	3858876.54	4.92E-04	6.03E-04	5.30E-04	1.71E-07	5.15E-07	2.98E-07	3.65E-07	3.31E-07	1.51E-07	1.33E-07	5.69E-09	1.38E-07	3.04E-08	4.96E-08	7.86E-08	1.39E-08	6.96E-08	3.85E-07
1203	489735.89	3858876.54	4.78E-04	5.86E-04	5.14E-04	1.66E-07	5.00E-07	2.90E-07	3.55E-07	3.22E-07	1.47E-07	1.29E-07	5.53E-09	1.34E-07	2.95E-08	4.82E-08	7.64E-08	1.35E-08	6.77E-08	3.74E-07

1204	489785.89	3858876.54	4.65E-04	5.70E-04	5.01E-04	1.61E-07	4.87E-07	2.82E-07	3.45E-07	3.13E-07	1.43E-07	1.25E-07	5.38E-09	1.30E-07	2.87E-08	4.69E-08	7.44E-08	1.31E-08	6.58E-08	3.64E-07
1205	489835.89	3858876.54	4.54E-04	5.56E-04	4.88E-04	1.57E-07	4.75E-07	2.75E-07	3.37E-07	3.05E-07	1.39E-07	1.22E-07	5.25E-09	1.27E-07	2.80E-08	4.57E-08	7.25E-08	1.28E-08	6.42E-08	3.55E-07
1206	489885.89	3858876.54	4.43E-04	5.43E-04	4.77E-04	1.54E-07	4.64E-07	2.68E-07	3.29E-07	2.98E-07	1.36E-07	1.19E-07	5.13E-09	1.24E-07	2.73E-08	4.46E-08	7.08E-08	1.25E-08	6.27E-08	3.47E-07
1207	489935.89	3858876.54	4.33E-04	5.31E-04	4.66E-04	1.50E-07	4.53E-07	2.62E-07	3.21E-07	2.91E-07	1.33E-07	1.17E-07	5.01E-09	1.21E-07	2.67E-08	4.36E-08	6.92E-08	1.22E-08	6.13E-08	3.39E-07
1208	489985.89	3858876.54	4.24E-04	5.19E-04	4.56E-04	1.47E-07	4.44E-07	2.57E-07	3.15E-07	2.85E-07	1.30E-07	1.14E-07	4.91E-09	1.19E-07	2.62E-08	4.27E-08	6.78E-08	1.19E-08	6.00E-08	3.32E-07
1209	490035.89	3858876.54	4.16E-04	5.09E-04	4.47E-04	1.44E-07	4.35E-07	2.52E-07	3.08E-07	2.80E-07	1.28E-07	1.12E-07	4.81E-09	1.16E-07	2.56E-08	4.19E-08	6.64E-08	1.17E-08	5.88E-08	3.25E-07
1210	489285.89	3858926.54	6.23E-04	7.63E-04	6.71E-04	2.16E-07	6.52E-07	3.77E-07	4.62E-07	4.19E-07	1.91E-07	1.68E-07	7.21E-09	1.74E-07	3.84E-08	6.28E-08	9.96E-08	1.76E-08	8.83E-08	4.88E-07
1211	489335.89	3858926.54	5.92E-04	7.26E-04	6.38E-04	2.05E-07	6.20E-07	3.59E-07	4.40E-07	3.98E-07	1.82E-07	1.60E-07	6.85E-09	1.66E-07	3.65E-08	5.97E-08	9.47E-08	1.67E-08	8.39E-08	4.64E-07
1212	489385.89	3858926.54	5.66E-04	6.93E-04	6.09E-04	1.96E-07	5.92E-07	3.43E-07	4.20E-07	3.80E-07	1.74E-07	1.53E-07	6.55E-09	1.58E-07	3.49E-08	5.70E-08	9.04E-08	1.59E-08	8.01E-08	4.43E-07
1213	489435.89	3858926.54	5.42E-04	6.64E-04	5.84E-04	1.88E-07	5.67E-07	3.28E-07	4.02E-07	3.65E-07	1.66E-07	1.46E-07	6.28E-09	1.52E-07	3.34E-08	5.46E-08	8.67E-08	1.53E-08	7.68E-08	4.25E-07
1214	489485.89	3858926.54	5.22E-04	6.39E-04	5.62E-04	1.81E-07	5.46E-07	3.16E-07	3.87E-07	3.51E-07	1.60E-07	1.41E-07	6.04E-09	1.46E-07	3.22E-08	5.26E-08	8.34E-08	1.47E-08	7.39E-08	4.09E-07
1215	489535.89	3858926.54	5.03E-04	6.17E-04	5.42E-04	1.74E-07	5.27E-07	3.05E-07	3.74E-07	3.39E-07	1.54E-07	1.36E-07	5.82E-09	1.41E-07	3.10E-08	5.07E-08	8.04E-08	1.42E-08	7.13E-08	3.94E-07
1216	489585.89	3858926.54	4.87E-04	5.97E-04	5.24E-04	1.69E-07	5.10E-07	2.95E-07	3.61E-07	3.28E-07	1.49E-07	1.31E-07	5.64E-09	1.36E-07	3.00E-08	4.91E-08	7.78E-08	1.37E-08	6.89E-08	3.81E-07
1217	489635.89	3858926.54	4.72E-04	5.79E-04	5.09E-04	1.64E-07	4.94E-07	2.86E-07	3.51E-07	3.18E-07	1.45E-07	1.27E-07	5.47E-09	1.32E-07	2.91E-08	4.76E-08	7.55E-08	1.33E-08	6.69E-08	3.70E-07
1218	489685.89	3858926.54	4.60E-04	5.63E-04	4.95E-04	1.59E-07	4.81E-07	2.78E-07	3.41E-07	3.09E-07	1.41E-07	1.24E-07	5.32E-09	1.29E-07	2.84E-08	4.63E-08	7.35E-08	1.29E-08	6.51E-08	3.60E-07
1219	489735.89	3858926.54	4.48E-04	5.49E-04	4.82E-04	1.55E-07	4.69E-07	2.71E-07	3.32E-07	3.01E-07	1.38E-07	1.21E-07	5.18E-09	1.25E-07	2.76E-08	4.51E-08	7.16E-08	1.26E-08	6.34E-08	3.51E-07
1220	489785.89	3858926.54	4.37E-04	5.36E-04	4.71E-04	1.52E-07	4.58E-07	2.65E-07	3.25E-07	2.94E-07	1.34E-07	1.18E-07	5.06E-09	1.22E-07	2.70E-08	4.41E-08	6.99E-08	1.23E-08	6.19E-08	3.42E-07
1221	489835.89	3858926.54	4.27E-04	5.24E-04	4.60E-04	1.48E-07	4.47E-07	2.59E-07	3.17E-07	2.88E-07	1.31E-07	1.15E-07	4.95E-09	1.19E-07	2.64E-08	4.31E-08	6.83E-08	1.20E-08	6.05E-08	3.35E-07
1222	489885.89	3858926.54	4.18E-04	5.13E-04	4.50E-04	1.45E-07	4.38E-07	2.53E-07	3.10E-07	2.81E-07	1.28E-07	1.13E-07	4.84E-09	1.17E-07	2.58E-08	4.22E-08	6.69E-08	1.18E-08	5.92E-08	3.28E-07
1223	489935.89	3858926.54	4.10E-04	5.02E-04	4.41E-04	1.42E-07	4.29E-07	2.48E-07	3.04E-07	2.76E-07	1.26E-07	1.10E-07	4.74E-09	1.15E-07	2.53E-08	4.13E-08	6.55E-08	1.15E-08	5.80E-08	3.21E-07
1224	489985.89	3858926.54	4.02E-04	4.93E-04	4.32E-04	1.39E-07	4.21E-07	2.44E-07	2.98E-07	2.70E-07	1.23E-07	1.08E-07	4.65E-09	1.12E-07	2.48E-08	4.05E-08	6.43E-08	1.13E-08	5.69E-08	3.15E-07
1225	490035.89	3858926.54	3.95E-04	4.83E-04	4.24E-04	1.37E-07	4.13E-07	2.39E-07	2.93E-07	2.65E-07	1.21E-07	1.06E-07	4.57E-09	1.10E-07	2.43E-08	3.98E-08	6.31E-08	1.11E-08	5.58E-08	3.09E-07
1226	489335.89	3858976.54	5.23E-04	6.41E-04	5.63E-04	1.81E-07	5.47E-07	3.17E-07	3.88E-07	3.52E-07	1.61E-07	1.41E-07	6.05E-09	1.46E-07	3.23E-08	5.27E-08	8.36E-08	1.47E-08	7.41E-08	4.10E-07
1227	489385.89	3858976.54	5.06E-04	6.19E-04	5.44E-04	1.75E-07	5.29E-07	3.06E-07	3.75E-07	3.40E-07	1.55E-07	1.36E-07	5.85E-09	1.41E-07	3.12E-08	5.09E-08	8.08E-08	1.42E-08	7.16E-08	3.96E-07
1228	489435.89	3858976.54	4.90E-04	6.00E-04	5.27E-04	1.70E-07	5.12E-07	2.97E-07	3.63E-07	3.29E-07	1.50E-07	1.32E-07	5.67E-09	1.37E-07	3.02E-08	4.93E-08	7.82E-08	1.38E-08	6.93E-08	3.83E-07
1229	489485.89	3858976.54	4.75E-04	5.82E-04	5.11E-04	1.65E-07	4.97E-07	2.88E-07	3.52E-07	3.19E-07	1.46E-07	1.28E-07	5.49E-09	1.33E-07	2.93E-08	4.78E-08	7.59E-08	1.34E-08	6.72E-08	3.72E-07
1230	489535.89	3858976.54	4.61E-04	5.65E-04	4.97E-04	1.60E-07	4.83E-07	2.79E-07	3.42E-07	3.10E-07	1.42E-07	1.24E-07	5.34E-09	1.29E-07	2.85E-08	4.65E-08	7.37E-08	1.30E-08	6.53E-08	3.61E-07
1231	489585.89	3858976.54	4.49E-04	5.50E-04	4.83E-04	1.56E-07	4.70E-07	2.72E-07	3.33E-07	3.02E-07	1.38E-07	1.21E-07	5.19E-09	1.25E-07	2.77E-08	4.52E-08	7.17E-08	1.26E-08	6.35E-08	3.52E-07
1232	489635.89	3858976.54	4.37E-04	5.36E-04	4.71E-04	1.52E-07	4.58E-07	2.65E-07	3.25E-07	2.94E-07	1.34E-07	1.18E-07	5.06E-09	1.22E-07	2.70E-08	4.41E-08	6.99E-08	1.23E-08	6.19E-08	3.43E-07
1233	489685.89	3858976.54	4.27E-04	5.23E-04	4.59E-04	1.48E-07	4.47E-07	2.59E-07	3.17E-07	2.87E-07	1.31E-07	1.15E-07	4.94E-09	1.19E-07	2.63E-08	4.30E-08	6.82E-08	1.20E-08	6.04E-08	3.34E-07
1234	489735.89	3858976.54	4.17E-04	5.11E-04	4.49E-04	1.45E-07	4.37E-07	2.53E-07	3.10E-07	2.81E-07	1.28E-07	1.13E-07	4.83E-09	1.17E-07	2.57E-08	4.21E-08	6.67E-08	1.18E-08	5.91E-08	3.27E-07
1235	489785.89	3858976.54	4.09E-04	5.01E-04	4.40E-04	1.42E-07	4.28E-07	2.48E-07	3.03E-07	2.75E-07	1.25E-07	1.10E-07	4.73E-09	1.14E-07	2.52E-08	4.12E-08	6.53E-08	1.15E-08	5.78E-08	3.20E-07
1236	489835.89	3858976.54	4.01E-04	4.91E-04	4.31E-04	1.39E-07	4.19E-07	2.43E-07	2.97E-07	2.70E-07	1.23E-07	1.08E-07	4.64E-09	1.12E-07	2.47E-08	4.04E-08	6.41E-08	1.13E-08	5.67E-08	3.14E-07
1237	489885.89	3858976.54	3.94E-04	4.82E-04	4.23E-04	1.36E-07	4.12E-07	2.38E-07	2.92E-07	2.65E-07	1.21E-07	1.06E-07	4.55E-09	1.10E-07	2.43E-08	3.96E-08	6.29E-08	1.11E-08	5.57E-08	3.08E-07
1238	489935.89	3858976.54	3.86E-04	4.73E-04	4.16E-04	1.34E-07	4.04E-07	2.34E-07	2.87E-07	2.60E-07	1.19E-07	1.04E-07	4.47E-09	1.08E-07	2.38E-08	3.89E-08	6.18E-08	1.09E-08	5.47E-08	3.03E-07
1239	489985.89	3858976.54	3.80E-04	4.65E-04	4.09E-04	1.32E-07	3.98E-07	2.30E-07	2.82E-07	2.56E-07	1.17E-07	1.02E-07	4.40E-09	1.06E-07	2.34E-08	3.83E-08	6.07E-08	1.07E-08	5.37E-08	2.97E-07
1240	490035.89	3858976.54	3.73E-04	4.57E-04	4.01E-04	1.29E-07	3.90E-07	2.26E-07	2.77E-07	2.51E-07	1.15E-07	1.01E-07	4.32E-09	1.04E-07	2.30E-08	3.76E-08	5.96E-08	1.05E-08	5.28E-08	2.92E-07
1241	489385.89	3859026.54	4.49E-04	5.50E-04	4.84E-04	1.56E-07	4.70E-07	2.72E-07	3.33E-07	3.02E-07	1.38E-07	1.21E-07	5.20E-09	1.26E-07	2.77E-08	4.53E-08	7.18E-08	1.27E-08	6.36E-08	3.52E-07
1242	489435.89	3859026.54	4.39E-04	5.38E-04	4.73E-04	1.52E-07	4.60E-07	2.66E-07	3.26E-07	2.96E-07	1.35E-07	1.19E-07	5.08E-09	1.23E-07	2.71E-08	4.43E-08	7.02E-08	1.24E-08	6.22E-08	3.44E-07
1243	489485.89	3859026.54	4.30E-04	5.26E-04	4.63E-04	1.49E-07	4.50E-07	2.60E-07	3.19E-07	2.89E-07	1.32E-07	1.16E-07	4.97E-09	1.20E-07	2.65E-08	4.33E-08	6.87E-08	1.21E-08	6.08E-08	3.37E-07
1244	489535.89	3859026.54	4.21E-04	5.15E-04	4.53E-04	1.46E-07	4.40E-07	2.55E-07	3.12E-07	2.83E-07	1.29E-07	1.13E-07	4.87E-09	1.18E-07	2.59E-08	4.24E-08	6.72E-08	1.18E-08	5.95E-08	3.29E-07
1245	489585.89	3859026.54	4.12E-04	5.04E-04	4.43E-04	1.43E-07	4.31E-07	2.49E-07	3.06E-07	2.77E-07	1.26E-07	1.11E-07	4.76E-09	1.15E-07	2.54E-08	4.15E-08	6.58E-08	1.16E-08	5.83E-08	3.22E-07
1246	489635.89	3859026.54	4.03E-04	4.94E-04	4.34E-04	1.40E-07	4.22E-07	2.44E-07	2.99E-07	2.71E-07	1.24E-07	1.09E-07	4.67E-09	1.13E-07	2.49E-08	4.06E-08	6.45E-08	1.14E-08	5.71E-08	3.16E-07
1247	489685.89	3859026.54	3.95E-04	4.84E-04	4.25E-04	1.37E-07	4.14E-07	2.40E-07	2.93E-07	2.66E-07	1.21E-07	1.07E-07	4.58E-09	1.11E-07	2.44E-08	3.98E-08	6.32E-08	1.11E-08	5.60E-08	3.10E-07
1248	489735.89	3859026.54	3.88E-04	4.75E-04	4.17E-04	1.34E-07	4.06E-07	2.35E-07	2.88E-07	2.61E-07	1.19E-07	1.05E-07	4.49E-09	1.08E-07	2.39E-08	3.91E-08	6.20E-08	1.09E-08	5.49E-08	3.04E-07
1249	489785.89	3859026.54	3.81E-04	4.67E-04	4.10E-04	1.32E-07	3.99E-07	2.31E-07	2.83E-07	2.56E-07	1.17E-07	1.03E-07	4.41E-09	1.07E-07	2.35E-08	3.84E-08	6.09E-08	1.07E-08	5.39E-08	2.98E-07
1250	489835.89	3859026.54	3.75E-04	4.59E-04	4.03E-04	1.30E-07	3.92E-07	2.27E-07	2.78E-07	2.52E-07	1.15E-07	1.01E-07	4.34E-09	1.05E-07	2.31E-08	3.77E-08	5.99E-08	1.06E-08	5.30E-08	2.93E-07
1251	489885.89	3859026.54	3.69E-04	4.52E-04	3.97E-04	1.28E-07	3.86E-07	2.23E-07	2.74E-07	2.48E-07	1.13E-07	9.94E-08	4.27E-09	1.03E-07	2.27E-08	3.72E-08	5.89E-08	1.04E-08	5.22E-08	2.89E-07
1252	489935.89	3859026.54	3.63E-04	4.45E-04	3.91E-04	1.26E-07	3.80E-07	2.20E-07	2.70E-07	2.44E-07	1.11E-07	9.79E-08	4.20E-09	1.02E-07	2.24E-08	3.66E-08	5.80E-08	1.02E-08	5.14E-08	2.84E-07
1253	489985.89	3859026.54	3.58E-04	4.38E-04	3.85E-04	1.24E-07	3.74E-07	2.17E-07	2.66E-07	2.41E-07	1.10E-07	9.64E-08	4.14E-09	1.00E-07	2.21E-08	3.61E-08	5.72E-08	1.01E-08	5.06E-08	2.80E-07
1254	490035.89	3859026.54	3.52E-04	4.31E-04	3.79E-04	1.22E-07	3.68E-07	2.13E-07	2.61E-07	2.37E-07	1.08E-07	9.48E-08	4.07E-09	9.84E-08	2.17E-08	3.55E-08	5.63E-08	9.91E-09	4.98E-08	2.76E-07
1255	489485.89	3859076.54	3.89E-04	4.76E-04	4.19E-04	1.35E-07	4.07E-07	2.36E-07	2.89E-07	2.62E-07	1.19E-07	1.05E-07	4.50E-09	1.09E-07	2.40E-08	3.92E-08	6.22E-08	1.10E-08	5.50E-08	3.05E-07
1256	489535.89	3859076.54	3.83E-04	4.69E-04	4.12E-04	1.33E-07	4.01E-07	2.32E-07	2.84E-07	2.58E-07	1.18E-07	1.03E-07	4.43E-09	1.07E-07	2.36E-08	3.86E-08	6.12E-08	1.08E-08	5.42E-08	3.00E-07
1257	489585.89	3859076.54	3.77E-04	4.62E-04	4.06E-04	1.31E-07	3.95E-07	2.28E-07	2.80E-07	2.54E-07	1.16E-07	1.02E-07	4.36E-09	1.05E-07	2.33E-08	3.80E-08	6.03E-08	1.06E-08	5.34E-08	2.95E-07
1258	489635.89	3859076.54	3.71E-04	4.55E-04	3.99E-04	1.29E-07	3.88E-07	2.25E-07	2.75E-07	2.50E-07	1.14E-07	1.00E-07	4.30E-09	1.04E-07	2.29E-08	3.74E-08	5.93E-08	1.05E-08	5.25E-08	2.91E-07

1259	489685.89	3859076.54	3.65E-04	4.48E-04	3.93E-04	1.27E-07	3.82E-07	2.21E-07	2.71E-07	2.46E-07	1.12E-07	9.85E-08	4.23E-09	1.02E-07	2.25E-08	3.68E-08	5.84E-08	1.03E-08	5.17E-08	2.86E-07
1260	489735.89	3859076.54	3.60E-04	4.41E-04	3.87E-04	1.25E-07	3.77E-07	2.18E-07	2.67E-07	2.42E-07	1.10E-07	9.70E-08	4.17E-09	1.01E-07	2.22E-08	3.63E-08	5.75E-08	1.01E-08	5.09E-08	2.82E-07
1261	489785.89	3859076.54	3.55E-04	4.35E-04	3.82E-04	1.23E-07	3.71E-07	2.15E-07	2.63E-07	2.39E-07	1.09E-07	9.56E-08	4.11E-09	9.92E-08	2.19E-08	3.57E-08	5.67E-08	9.99E-09	5.02E-08	2.78E-07
1262	489835.89	3859076.54	3.50E-04	4.28E-04	3.76E-04	1.21E-07	3.66E-07	2.12E-07	2.59E-07	2.35E-07	1.07E-07	9.42E-08	4.05E-09	9.77E-08	2.16E-08	3.52E-08	5.59E-08	9.85E-09	4.95E-08	2.74E-07
1263	489885.89	3859076.54	3.45E-04	4.22E-04	3.71E-04	1.19E-07	3.61E-07	2.09E-07	2.56E-07	2.32E-07	1.06E-07	9.29E-08	3.99E-09	9.64E-08	2.13E-08	3.47E-08	5.51E-08	9.71E-09	4.88E-08	2.70E-07
1264	489935.89	3859076.54	3.40E-04	4.17E-04	3.66E-04	1.18E-07	3.56E-07	2.06E-07	2.53E-07	2.29E-07	1.04E-07	9.17E-08	3.94E-09	9.52E-08	2.10E-08	3.43E-08	5.44E-08	9.59E-09	4.82E-08	2.67E-07
1265	489985.89	3859076.54	3.36E-04	4.12E-04	3.62E-04	1.17E-07	3.52E-07	2.04E-07	2.50E-07	2.26E-07	1.03E-07	9.06E-08	3.89E-09	9.40E-08	2.07E-08	3.39E-08	5.38E-08	9.47E-09	4.76E-08	2.63E-07
1266	490035.89	3859076.54	3.32E-04	4.06E-04	3.57E-04	1.15E-07	3.47E-07	2.01E-07	2.46E-07	2.23E-07	1.02E-07	8.94E-08	3.84E-09	9.28E-08	2.05E-08	3.34E-08	5.30E-08	9.35E-09	4.69E-08	2.60E-07
1267	489585.89	3859126.54	3.46E-04	4.24E-04	3.72E-04	1.20E-07	3.62E-07	2.09E-07	2.57E-07	2.33E-07	1.06E-07	9.32E-08	4.00E-09	9.67E-08	2.13E-08	3.48E-08	5.53E-08	9.74E-09	4.89E-08	2.71E-07
1268	489635.89	3859126.54	3.42E-04	4.19E-04	3.68E-04	1.18E-07	3.58E-07	2.07E-07	2.54E-07	2.30E-07	1.05E-07	9.22E-08	3.96E-09	9.56E-08	2.11E-08	3.44E-08	5.46E-08	9.63E-09	4.84E-08	2.68E-07
1269	489685.89	3859126.54	3.38E-04	4.14E-04	3.64E-04	1.17E-07	3.54E-07	2.05E-07	2.51E-07	2.27E-07	1.04E-07	9.11E-08	3.91E-09	9.44E-08	2.08E-08	3.40E-08	5.40E-08	9.52E-09	4.78E-08	2.65E-07
1270	489735.89	3859126.54	3.34E-04	4.09E-04	3.59E-04	1.16E-07	3.49E-07	2.02E-07	2.48E-07	2.25E-07	1.02E-07	9.00E-08	3.86E-09	9.33E-08	2.06E-08	3.36E-08	5.34E-08	9.41E-09	4.72E-08	2.61E-07
1271	489785.89	3859126.54	3.30E-04	4.04E-04	3.55E-04	1.14E-07	3.45E-07	2.00E-07	2.45E-07	2.22E-07	1.01E-07	8.90E-08	3.82E-09	9.23E-08	2.04E-08	3.33E-08	5.28E-08	9.30E-09	4.67E-08	2.58E-07
1272	489835.89	3859126.54	3.26E-04	4.00E-04	3.51E-04	1.13E-07	3.41E-07	1.98E-07	2.42E-07	2.20E-07	1.00E-07	8.80E-08	3.78E-09	9.12E-08	2.01E-08	3.29E-08	5.22E-08	9.19E-09	4.62E-08	2.56E-07
1273	489885.89	3859126.54	3.23E-04	3.95E-04	3.47E-04	1.12E-07	3.37E-07	1.95E-07	2.39E-07	2.17E-07	9.90E-08	8.69E-08	3.73E-09	9.02E-08	1.99E-08	3.25E-08	5.15E-08	9.08E-09	4.56E-08	2.53E-07
1274	489935.89	3859126.54	3.19E-04	3.91E-04	3.43E-04	1.11E-07	3.34E-07	1.93E-07	2.37E-07	2.15E-07	9.79E-08	8.60E-08	3.69E-09	8.92E-08	1.97E-08	3.21E-08	5.10E-08	8.99E-09	4.51E-08	2.50E-07
1275	489985.89	3859126.54	3.16E-04	3.87E-04	3.39E-04	1.09E-07	3.30E-07	1.91E-07	2.34E-07	2.12E-07	9.69E-08	8.51E-08	3.65E-09	8.82E-08	1.95E-08	3.18E-08	5.05E-08	8.89E-09	4.46E-08	2.47E-07
1276	490035.89	3859126.54	3.12E-04	3.83E-04	3.36E-04	1.08E-07	3.27E-07	1.89E-07	2.32E-07	2.10E-07	9.59E-08	8.42E-08	3.61E-09	8.73E-08	1.93E-08	3.15E-08	4.99E-08	8.80E-09	4.42E-08	2.45E-07
1277	489585.89	3859176.54	3.18E-04	3.90E-04	3.42E-04	1.10E-07	3.33E-07	1.93E-07	2.36E-07	2.14E-07	9.77E-08	8.58E-08	3.68E-09	8.89E-08	1.96E-08	3.21E-08	5.09E-08	8.96E-09	4.50E-08	2.49E-07
1278	489635.89	3859176.54	3.16E-04	3.87E-04	3.40E-04	1.09E-07	3.30E-07	1.91E-07	2.34E-07	2.12E-07	9.69E-08	8.51E-08	3.65E-09	8.83E-08	1.95E-08	3.18E-08	5.05E-08	8.89E-09	4.47E-08	2.47E-07
1279	489685.89	3859176.54	3.13E-04	3.83E-04	3.37E-04	1.08E-07	3.28E-07	1.90E-07	2.32E-07	2.11E-07	9.61E-08	8.44E-08	3.62E-09	8.75E-08	1.93E-08	3.15E-08	5.00E-08	8.82E-09	4.43E-08	2.45E-07
1280	489735.89	3859176.54	3.10E-04	3.80E-04	3.34E-04	1.08E-07	3.25E-07	1.88E-07	2.30E-07	2.09E-07	9.52E-08	8.36E-08	3.59E-09	8.67E-08	1.91E-08	3.13E-08	4.96E-08	8.74E-09	4.39E-08	2.43E-07
1281	489785.89	3859176.54	3.08E-04	3.77E-04	3.31E-04	1.07E-07	3.22E-07	1.86E-07	2.28E-07	2.07E-07	9.44E-08	8.29E-08	3.56E-09	8.60E-08	1.90E-08	3.10E-08	4.92E-08	8.66E-09	4.35E-08	2.41E-07
1282	489835.89	3859176.54	3.05E-04	3.73E-04	3.28E-04	1.06E-07	3.19E-07	1.85E-07	2.26E-07	2.05E-07	9.36E-08	8.22E-08	3.53E-09	8.52E-08	1.88E-08	3.07E-08	4.87E-08	8.59E-09	4.31E-08	2.39E-07
1283	489885.89	3859176.54	3.02E-04	3.70E-04	3.25E-04	1.05E-07	3.16E-07	1.83E-07	2.24E-07	2.03E-07	9.27E-08	8.14E-08	3.50E-09	8.45E-08	1.86E-08	3.04E-08	4.83E-08	8.51E-09	4.27E-08	2.37E-07
1284	489935.89	3859176.54	2.99E-04	3.67E-04	3.22E-04	1.04E-07	3.13E-07	1.81E-07	2.22E-07	2.01E-07	9.19E-08	8.07E-08	3.46E-09	8.37E-08	1.85E-08	3.02E-08	4.78E-08	8.43E-09	4.23E-08	2.34E-07
1285	489985.89	3859176.54	2.97E-04	3.63E-04	3.19E-04	1.03E-07	3.10E-07	1.80E-07	2.20E-07	1.99E-07	9.10E-08	7.99E-08	3.43E-09	8.29E-08	1.83E-08	2.99E-08	4.74E-08	8.35E-09	4.19E-08	2.32E-07
1286	490035.89	3859176.54	2.94E-04	3.60E-04	3.16E-04	1.02E-07	3.08E-07	1.78E-07	2.18E-07	1.98E-07	9.03E-08	7.92E-08	3.40E-09	8.22E-08	1.81E-08	2.96E-08	4.70E-08	8.28E-09	4.16E-08	2.30E-07
1287	489685.89	3859226.54	2.91E-04	3.56E-04	3.13E-04	1.01E-07	3.04E-07	1.76E-07	2.16E-07	1.96E-07	8.93E-08	7.84E-08	3.37E-09	8.13E-08	1.79E-08	2.93E-08	4.65E-08	8.19E-09	4.11E-08	2.28E-07
1288	489735.89	3859226.54	2.89E-04	3.54E-04	3.11E-04	1.00E-07	3.02E-07	1.75E-07	2.14E-07	1.94E-07	8.87E-08	7.79E-08	3.35E-09	8.08E-08	1.78E-08	2.91E-08	4.62E-08	8.14E-09	4.09E-08	2.26E-07
1289	489785.89	3859226.54	2.87E-04	3.52E-04	3.09E-04	9.95E-08	3.01E-07	1.74E-07	2.13E-07	1.93E-07	8.81E-08	7.74E-08	3.32E-09	8.03E-08	1.77E-08	2.89E-08	4.59E-08	8.09E-09	4.06E-08	2.25E-07
1290	489835.89	3859226.54	2.85E-04	3.50E-04	3.07E-04	9.89E-08	2.99E-07	1.73E-07	2.12E-07	1.92E-07	8.76E-08	7.69E-08	3.30E-09	7.98E-08	1.76E-08	2.87E-08	4.56E-08	8.04E-09	4.04E-08	2.23E-07
1291	489885.89	3859226.54	2.83E-04	3.47E-04	3.05E-04	9.82E-08	2.97E-07	1.72E-07	2.10E-07	1.91E-07	8.70E-08	7.64E-08	3.28E-09	7.92E-08	1.75E-08	2.86E-08	4.53E-08	7.98E-09	4.01E-08	2.22E-07
1292	489935.89	3859226.54	2.81E-04	3.45E-04	3.03E-04	9.75E-08	2.94E-07	1.70E-07	2.09E-07	1.89E-07	8.64E-08	7.58E-08	3.26E-09	7.87E-08	1.74E-08	2.83E-08	4.50E-08	7.93E-09	3.98E-08	2.20E-07
1293	489985.89	3859226.54	2.79E-04	3.42E-04	3.00E-04	9.67E-08	2.92E-07	1.69E-07	2.07E-07	1.88E-07	8.56E-08	7.52E-08	3.23E-09	7.80E-08	1.72E-08	2.81E-08	4.46E-08	7.86E-09	3.95E-08	2.18E-07
1294	490035.89	3859226.54	2.77E-04	3.39E-04	2.98E-04	9.60E-08	2.90E-07	1.68E-07	2.06E-07	1.86E-07	8.50E-08	7.47E-08	3.21E-09	7.75E-08	1.71E-08	2.79E-08	4.43E-08	7.80E-09	3.92E-08	2.17E-07
1295	489735.89	3859276.54	2.70E-04	3.31E-04	2.90E-04	9.36E-08	2.82E-07	1.64E-07	2.00E-07	1.82E-07	8.28E-08	7.27E-08	3.12E-09	7.55E-08	1.67E-08	2.72E-08	4.31E-08	7.60E-09	3.82E-08	2.11E-07
1296	489785.89	3859276.54	2.69E-04	3.29E-04	2.89E-04	9.31E-08	2.81E-07	1.63E-07	1.99E-07	1.81E-07	8.25E-08	7.24E-08	3.11E-09	7.51E-08	1.66E-08	2.71E-08	4.30E-08	7.57E-09	3.80E-08	2.10E-07
1297	489835.89	3859276.54	2.68E-04	3.28E-04	2.88E-04	9.28E-08	2.80E-07	1.62E-07	1.99E-07	1.80E-07	8.21E-08	7.21E-08	3.10E-09	7.48E-08	1.65E-08	2.70E-08	4.28E-08	7.54E-09	3.78E-08	2.10E-07
1298	489885.89	3859276.54	2.66E-04	3.26E-04	2.86E-04	9.23E-08	2.79E-07	1.61E-07	1.98E-07	1.79E-07	8.17E-08	7.17E-08	3.08E-09	7.44E-08	1.64E-08	2.68E-08	4.26E-08	7.50E-09	3.77E-08	2.08E-07
1299	489935.89	3859276.54	2.65E-04	3.25E-04	2.85E-04	9.18E-08	2.77E-07	1.61E-07	1.97E-07	1.78E-07	8.13E-08	7.14E-08	3.07E-09	7.41E-08	1.63E-08	2.67E-08	4.24E-08	7.46E-09	3.75E-08	2.07E-07
1300	489985.89	3859276.54	2.63E-04	3.22E-04	2.83E-04	9.12E-08	2.75E-07	1.59E-07	1.95E-07	1.77E-07	8.08E-08	7.09E-08	3.05E-09	7.36E-08	1.62E-08	2.65E-08	4.21E-08	7.41E-09	3.72E-08	2.06E-07
1301	490035.89	3859276.54	2.62E-04	3.21E-04	2.81E-04	9.07E-08	2.74E-07	1.59E-07	1.94E-07	1.76E-07	8.03E-08	7.05E-08	3.03E-09	7.32E-08	1.61E-08	2.64E-08	4.18E-08	7.37E-09	3.70E-08	2.05E-07
1302	490458.06	3859590.74	1.87E-04	2.29E-04	2.01E-04	6.47E-08	1.95E-07	1.13E-07	1.39E-07	1.26E-07	5.73E-08	5.03E-08	2.16E-09	5.22E-08	1.15E-08	1.88E-08	2.98E-08	5.26E-09	2.64E-08	1.46E-07
1303	490508.06	3859590.74	1.87E-04	2.29E-04	2.01E-04	6.47E-08	1.95E-07	1.13E-07	1.39E-07	1.26E-07	5.73E-08	5.03E-08	2.16E-09	5.22E-08	1.15E-08	1.88E-08	2.98E-08	5.26E-09	2.64E-08	1.46E-07
1304	490558.06	3859590.74	1.87E-04	2.29E-04	2.01E-04	6.48E-08	1.96E-07	1.13E-07	1.39E-07	1.26E-07	5.74E-08	5.03E-08	2.16E-09	5.22E-08	1.15E-08	1.88E-08	2.99E-08	5.26E-09	2.64E-08	1.46E-07
1305	490608.06	3859590.74	1.87E-04	2.29E-04	2.01E-04	6.47E-08	1.95E-07	1.13E-07	1.39E-07	1.26E-07	5.73E-08	5.03E-08	2.16E-09	5.22E-08	1.15E-08	1.88E-08	2.99E-08	5.26E-09	2.64E-08	1.46E-07
1306	490658.06	3859590.74	1.87E-04	2.29E-04	2.01E-04	6.47E-08	1.95E-07	1.13E-07	1.38E-07	1.26E-07	5.73E-08	5.02E-08	2.16E-09	5.22E-08	1.15E-08	1.88E-08	2.98E-08	5.26E-09	2.64E-08	1.46E-07
1307	490708.06	3859590.74	1.86E-04	2.28E-04	2.00E-04	6.46E-08	1.95E-07	1.13E-07	1.38E-07	1.25E-07	5.72E-08	5.02E-08	2.16E-09	5.21E-08	1.15E-08	1.88E-08	2.98E-08	5.25E-09	2.63E-08	1.46E-07
1308	490758.06	3859590.74	1.86E-04	2.28E-04	2.00E-04	6.45E-08	1.95E-07	1.13E-07	1.38E-07	1.25E-07	5.71E-08	5.01E-08	2.15E-09	5.20E-08	1.15E-08	1.87E-08	2.97E-08	5.24E-09	2.63E-08	1.46E-07
1309	490808.06	3859590.74	1.86E-04	2.27E-04	1.99E-04	6.43E-08	1.94E-07	1.12E-07	1.38E-07	1.25E-07	5.70E-08	5.00E-08	2.15E-09	5.19E-08	1.15E-08	1.87E-08	2.97E-08	5.23E-09	2.62E-08	1.45E-07
1310	490858.06	3859590.74	1.85E-04	2.27E-04	1.99E-04	6.42E-08	1.94E-07	1.12E-07	1.37E-07	1.25E-07	5.68E-08	4.99E-08	2.14E-09	5.18E-08	1.14E-08	1.87E-08	2.96E-08	5.22E-09	2.62E-08	1.45E-07
1311	490458.06	3859640.74	1.79E-04	2.19E-04	1.92E-04	6.19E-08	1.87E-07	1.08E-07	1.32E-07	1.20E-07	5.48E-08	4.81E-08	2.07E-09	4.99E-08	1.10E-08	1.80E-08	2.85E-08	5.03E-09	2.52E-08	1.40E-07
1312	490508.06	3859640.74	1.79E-04	2.19E-04	1.92E-04	6.19E-08	1.87E-07	1.08E-07	1.33E-07	1.20E-07	5.48E-08	4.81E-08	2.07E-09	4.99E-08	1.10E-08	1.80E-08	2.85E-08	5.03E-09	2.52E-08	1.40E-07
1313	490558.06	3859640.74	1.79E-04	2.19E-04	1.92E-04	6.19E-08	1.87E-07	1.08E-07	1.33E-07	1.20E-07	5.48E-08	4.81E-08	2.07E-09	4.99E-08	1.10E-08	1.80E-08	2.86E-08	5.03E-09	2.52E-08	1.40E-07

1314	490608.06	3859640.74	1.79E-04	2.19E-04	1.92E-04	6.20E-08	1.87E-07	1.08E-07	1.33E-07	1.20E-07	5.49E-08	4.82E-08	2.07E-09	5.00E-08	1.10E-08	1.80E-08	2.86E-08	5.04E-09	2.53E-08	1.40E-07
1315	490658.06	3859640.74	1.79E-04	2.19E-04	1.93E-04	6.21E-08	1.87E-07	1.09E-07	1.33E-07	1.21E-07	5.50E-08	4.82E-08	2.07E-09	5.01E-08	1.11E-08	1.80E-08	2.86E-08	5.05E-09	2.53E-08	1.40E-07
1316	490708.06	3859640.74	1.79E-04	2.19E-04	1.92E-04	6.21E-08	1.87E-07	1.08E-07	1.33E-07	1.20E-07	5.50E-08	4.82E-08	2.07E-09	5.01E-08	1.10E-08	1.80E-08	2.86E-08	5.04E-09	2.53E-08	1.40E-07
1317	490758.06	3859640.74	1.79E-04	2.19E-04	1.92E-04	6.20E-08	1.87E-07	1.08E-07	1.33E-07	1.20E-07	5.49E-08	4.82E-08	2.07E-09	5.00E-08	1.10E-08	1.80E-08	2.86E-08	5.04E-09	2.53E-08	1.40E-07
1318	490808.06	3859640.74	1.79E-04	2.19E-04	1.92E-04	6.19E-08	1.87E-07	1.08E-07	1.33E-07	1.20E-07	5.48E-08	4.81E-08	2.07E-09	4.99E-08	1.10E-08	1.80E-08	2.86E-08	5.03E-09	2.52E-08	1.40E-07
1319	490858.06	3859640.74	1.78E-04	2.19E-04	1.92E-04	6.18E-08	1.87E-07	1.08E-07	1.32E-07	1.20E-07	5.47E-08	4.80E-08	2.06E-09	4.99E-08	1.10E-08	1.80E-08	2.85E-08	5.02E-09	2.52E-08	1.40E-07
1320	490608.06	3859690.74	1.71E-04	2.10E-04	1.84E-04	5.94E-08	1.79E-07	1.04E-07	1.27E-07	1.15E-07	5.26E-08	4.62E-08	1.98E-09	4.79E-08	1.06E-08	1.73E-08	2.74E-08	4.83E-09	2.42E-08	1.34E-07
1321	490658.06	3859690.74	1.72E-04	2.11E-04	1.85E-04	5.96E-08	1.80E-07	1.04E-07	1.28E-07	1.16E-07	5.28E-08	4.63E-08	1.99E-09	4.81E-08	1.06E-08	1.73E-08	2.75E-08	4.84E-09	2.43E-08	1.35E-07
1322	490708.06	3859690.74	1.72E-04	2.11E-04	1.85E-04	5.96E-08	1.80E-07	1.04E-07	1.28E-07	1.16E-07	5.28E-08	4.63E-08	1.99E-09	4.81E-08	1.06E-08	1.73E-08	2.75E-08	4.85E-09	2.43E-08	1.35E-07
1323	490758.06	3859690.74	1.72E-04	2.11E-04	1.85E-04	5.96E-08	1.80E-07	1.04E-07	1.28E-07	1.16E-07	5.28E-08	4.63E-08	1.99E-09	4.81E-08	1.06E-08	1.73E-08	2.75E-08	4.85E-09	2.43E-08	1.35E-07
1324	490808.06	3859690.74	1.72E-04	2.11E-04	1.85E-04	5.96E-08	1.80E-07	1.04E-07	1.28E-07	1.16E-07	5.28E-08	4.63E-08	1.99E-09	4.81E-08	1.06E-08	1.73E-08	2.75E-08	4.84E-09	2.43E-08	1.35E-07
1325	490858.06	3859690.74	1.72E-04	2.10E-04	1.85E-04	5.95E-08	1.80E-07	1.04E-07	1.27E-07	1.16E-07	5.27E-08	4.62E-08	1.99E-09	4.80E-08	1.06E-08	1.73E-08	2.74E-08	4.84E-09	2.43E-08	1.34E-07
1326	490708.06	3859740.74	1.65E-04	2.02E-04	1.77E-04	5.72E-08	1.73E-07	1.00E-07	1.23E-07	1.11E-07	5.07E-08	4.45E-08	1.91E-09	4.62E-08	1.02E-08	1.66E-08	2.64E-08	4.65E-09	2.33E-08	1.29E-07
1327	490758.06	3859740.74	1.65E-04	2.02E-04	1.78E-04	5.73E-08	1.73E-07	1.00E-07	1.23E-07	1.11E-07	5.07E-08	4.45E-08	1.91E-09	4.62E-08	1.02E-08	1.66E-08	2.64E-08	4.65E-09	2.33E-08	1.29E-07
1328	490808.06	3859740.74	1.65E-04	2.03E-04	1.78E-04	5.73E-08	1.73E-07	1.00E-07	1.23E-07	1.11E-07	5.07E-08	4.45E-08	1.91E-09	4.62E-08	1.02E-08	1.67E-08	2.64E-08	4.66E-09	2.34E-08	1.29E-07
1329	490858.06	3859740.74	1.65E-04	2.02E-04	1.78E-04	5.73E-08	1.73E-07	1.00E-07	1.23E-07	1.11E-07	5.07E-08	4.45E-08	1.91E-09	4.62E-08	1.02E-08	1.66E-08	2.64E-08	4.65E-09	2.33E-08	1.29E-07
1330	490786.56	3859749.39	1.64E-04	2.01E-04	1.76E-04	5.69E-08	1.72E-07	9.94E-08	1.22E-07	1.10E-07	5.04E-08	4.42E-08	1.90E-09	4.59E-08	1.01E-08	1.65E-08	2.62E-08	4.62E-09	2.32E-08	1.28E-07
1331	490836.56	3859749.39	1.64E-04	2.01E-04	1.76E-04	5.69E-08	1.72E-07	9.95E-08	1.22E-07	1.10E-07	5.04E-08	4.42E-08	1.90E-09	4.59E-08	1.01E-08	1.65E-08	2.62E-08	4.62E-09	2.32E-08	1.29E-07
1332	490786.56	3859799.39	1.57E-04	1.93E-04	1.69E-04	5.46E-08	1.65E-07	9.54E-08	1.17E-07	1.06E-07	4.83E-08	4.24E-08	1.82E-09	4.40E-08	9.71E-09	1.59E-08	2.52E-08	4.43E-09	2.22E-08	1.23E-07
1333	490836.56	3859799.39	1.58E-04	1.93E-04	1.69E-04	5.47E-08	1.65E-07	9.55E-08	1.17E-07	1.06E-07	4.84E-08	4.25E-08	1.83E-09	4.41E-08	9.73E-09	1.59E-08	2.52E-08	4.44E-09	2.23E-08	1.23E-07
1334	492307.84	3854508.36	2.36E-04	2.89E-04	2.54E-04	8.18E-08	2.47E-07	1.43E-07	1.75E-07	1.59E-07	7.24E-08	6.35E-08	2.73E-09	6.60E-08	1.46E-08	2.38E-08	3.77E-08	6.65E-09	3.33E-08	1.85E-07
1335	486445.7	3854753.6	6.65E-04	8.15E-04	7.12E-04	2.31E-07	6.96E-07	4.03E-07	4.94E-07	4.48E-07	2.04E-07	1.79E-07	7.70E-09	1.86E-07	4.10E-08	6.70E-08	1.06E-07	1.87E-08	9.37E-08	5.21E-07
1336	472599.75	3877830.11	6.35E-06	7.78E-06	6.83E-06	2.20E-09	6.65E-09	3.85E-09	4.71E-09	4.27E-09	1.95E-09	1.71E-09	7.35E-11	1.78E-09	3.92E-10	6.40E-10	1.02E-09	1.79E-10	8.98E-10	4.97E-09
1337	493107.48	3866840.19	1.98E-05	2.42E-05	2.12E-05	6.86E-09	2.07E-08	1.20E-08	1.47E-08	1.33E-08	6.07E-09	5.32E-09	2.29E-10	5.53E-09	1.22E-09	1.99E-09	3.16E-09	5.57E-10	2.79E-09	1.55E-08
1338	495815.8	3861662.87	6.10E-05	7.47E-05	6.54E-05	2.11E-08	6.38E-08	3.69E-08	4.52E-08	4.10E-08	1.87E-08	1.64E-08	7.06E-10	1.70E-08	3.76E-09	6.14E-09	9.74E-09	1.72E-09	8.61E-09	4.77E-08
1339	480272.33	3841389.2	2.09E-06	2.55E-06	2.24E-06	7.23E-10	2.18E-09	1.26E-09	1.55E-09	1.40E-09	6.40E-10	5.61E-10	2.41E-11	5.83E-10	1.29E-10	2.10E-10	3.33E-10	5.87E-11	2.95E-10	1.63E-09
1340	497005.18	3862813.64	4.25E-05	5.21E-05	4.57E-05	1.47E-08	4.45E-08	2.58E-08	3.16E-08	2.86E-08	1.31E-08	1.14E-08	4.92E-10	1.19E-08	2.62E-09	4.29E-09	6.80E-09	1.20E-09	6.01E-09	3.33E-08
1341	493677.33	3860302.55	1.13E-04	1.39E-04	1.22E-04	3.93E-08	1.19E-07	6.87E-08	8.41E-08	7.62E-08	3.48E-08	3.05E-08	1.31E-09	3.17E-08	6.99E-09	1.14E-08	1.81E-08	3.19E-09	1.60E-08	8.87E-08
1342	493727.33	3860302.55	1.13E-04	1.39E-04	1.21E-04	3.92E-08	1.18E-07	6.85E-08	8.39E-08	7.61E-08	3.47E-08	3.04E-08	1.31E-09	3.16E-08	6.98E-09	1.14E-08	1.81E-08	3.19E-09	1.60E-08	8.85E-08
1343	493777.33	3860302.55	1.13E-04	1.38E-04	1.21E-04	3.91E-08	1.18E-07	6.84E-08	8.38E-08	7.59E-08	3.46E-08	3.04E-08	1.31E-09	3.16E-08	6.96E-09	1.14E-08	1.80E-08	3.18E-09	1.59E-08	8.84E-08
1344	493827.33	3860302.55	1.13E-04	1.38E-04	1.21E-04	3.91E-08	1.18E-07	6.83E-08	8.36E-08	7.58E-08	3.46E-08	3.03E-08	1.30E-09	3.15E-08	6.95E-09	1.14E-08	1.80E-08	3.17E-09	1.59E-08	8.82E-08
1345	493877.33	3860302.55	1.12E-04	1.38E-04	1.21E-04	3.90E-08	1.18E-07	6.81E-08	8.34E-08	7.56E-08	3.45E-08	3.02E-08	1.30E-09	3.14E-08	6.93E-09	1.13E-08	1.80E-08	3.17E-09	1.59E-08	8.80E-08
1346	493927.33	3860302.55	1.12E-04	1.37E-04	1.20E-04	3.88E-08	1.17E-07	6.79E-08	8.32E-08	7.54E-08	3.44E-08	3.02E-08	1.30E-09	3.13E-08	6.91E-09	1.13E-08	1.79E-08	3.16E-09	1.58E-08	8.77E-08
1347	493977.33	3860302.55	1.12E-04	1.37E-04	1.20E-04	3.88E-08	1.17E-07	6.79E-08	8.31E-08	7.53E-08	3.44E-08	3.01E-08	1.30E-09	3.13E-08	6.91E-09	1.13E-08	1.79E-08	3.15E-09	1.58E-08	8.77E-08
1348	494027.33	3860302.55	1.12E-04	1.37E-04	1.20E-04	3.87E-08	1.17E-07	6.77E-08	8.29E-08	7.52E-08	3.43E-08	3.01E-08	1.29E-09	3.12E-08	6.90E-09	1.13E-08	1.79E-08	3.15E-09	1.58E-08	8.75E-08
1349	493677.33	3860352.55	1.11E-04	1.36E-04	1.19E-04	3.84E-08	1.16E-07	6.71E-08	8.22E-08	7.45E-08	3.40E-08	2.98E-08	1.28E-09	3.10E-08	6.83E-09	1.12E-08	1.77E-08	3.12E-09	1.56E-08	8.67E-08
1350	493727.33	3860352.55	1.10E-04	1.35E-04	1.19E-04	3.83E-08	1.16E-07	6.69E-08	8.20E-08	7.43E-08	3.39E-08	2.97E-08	1.28E-09	3.09E-08	6.81E-09	1.11E-08	1.77E-08	3.11E-09	1.56E-08	8.65E-08
1351	493777.33	3860352.55	1.10E-04	1.35E-04	1.18E-04	3.82E-08	1.15E-07	6.68E-08	8.18E-08	7.41E-08	3.38E-08	2.96E-08	1.28E-09	3.08E-08	6.80E-09	1.11E-08	1.76E-08	3.10E-09	1.56E-08	8.63E-08
1352	493827.33	3860352.55	1.10E-04	1.35E-04	1.18E-04	3.81E-08	1.15E-07	6.66E-08	8.16E-08	7.40E-08	3.38E-08	2.96E-08	1.27E-09	3.08E-08	6.79E-09	1.11E-08	1.76E-08	3.10E-09	1.55E-08	8.61E-08
1353	493877.33	3860352.55	1.10E-04	1.35E-04	1.18E-04	3.81E-08	1.15E-07	6.66E-08	8.15E-08	7.39E-08	3.37E-08	2.96E-08	1.27E-09	3.07E-08	6.78E-09	1.11E-08	1.76E-08	3.10E-09	1.55E-08	8.60E-08
1354	493927.33	3860352.55	1.10E-04	1.34E-04	1.18E-04	3.81E-08	1.15E-07	6.65E-08	8.15E-08	7.38E-08	3.37E-08	2.95E-08	1.27E-09	3.07E-08	6.77E-09	1.11E-08	1.75E-08	3.09E-09	1.55E-08	8.59E-08
1355	493977.33	3860352.55	1.10E-04	1.34E-04	1.18E-04	3.80E-08	1.15E-07	6.65E-08	8.14E-08	7.38E-08	3.37E-08	2.95E-08	1.27E-09	3.07E-08	6.77E-09	1.11E-08	1.75E-08	3.09E-09	1.55E-08	8.59E-08
1356	494027.33	3860352.55	1.09E-04	1.34E-04	1.18E-04	3.79E-08	1.15E-07	6.63E-08	8.12E-08	7.36E-08	3.36E-08	2.94E-08	1.27E-09	3.06E-08	6.75E-09	1.10E-08	1.75E-08	3.08E-09	1.55E-08	8.57E-08
1357	493677.33	3860402.55	1.08E-04	1.32E-04	1.16E-04	3.74E-08	1.13E-07	6.54E-08	8.01E-08	7.26E-08	3.31E-08	2.91E-08	1.25E-09	3.02E-08	6.66E-09	1.09E-08	1.73E-08	3.04E-09	1.52E-08	8.45E-08
1358	493727.33	3860402.55	1.08E-04	1.32E-04	1.16E-04	3.74E-08	1.13E-07	6.53E-08	8.00E-08	7.25E-08	3.31E-08	2.90E-08	1.25E-09	3.01E-08	6.65E-09	1.09E-08	1.72E-08	3.04E-09	1.52E-08	8.44E-08
1359	493777.33	3860402.55	1.08E-04	1.32E-04	1.16E-04	3.74E-08	1.13E-07	6.53E-08	8.00E-08	7.25E-08	3.31E-08	2.90E-08	1.25E-09	3.01E-08	6.65E-09	1.09E-08	1.72E-08	3.04E-09	1.52E-08	8.44E-08
1360	493827.33	3860402.55	1.08E-04	1.32E-04	1.15E-04	3.73E-08	1.13E-07	6.51E-08	7.98E-08	7.23E-08	3.30E-08	2.89E-08	1.24E-09	3.01E-08	6.63E-09	1.08E-08	1.72E-08	3.03E-09	1.52E-08	8.41E-08
1361	493877.33	3860402.55	1.07E-04	1.31E-04	1.15E-04	3.72E-08	1.12E-07	6.50E-08	7.96E-08	7.22E-08	3.29E-08	2.89E-08	1.24E-09	3.00E-08	6.62E-09	1.08E-08	1.71E-08	3.02E-09	1.51E-08	8.40E-08
1362	493927.33	3860402.55	1.07E-04	1.31E-04	1.15E-04	3.72E-08	1.12E-07	6.50E-08	7.96E-08	7.22E-08	3.29E-08	2.89E-08	1.24E-09	3.00E-08	6.62E-09	1.08E-08	1.71E-08	3.02E-09	1.51E-08	8.40E-08
1363	493977.33	3860402.55	1.07E-04	1.32E-04	1.15E-04	3.72E-08	1.12E-07	6.51E-08	7.97E-08	7.22E-08	3.30E-08	2.89E-08	1.24E-09	3.00E-08	6.62E-09	1.08E-08	1.72E-08	3.02E-09	1.52E-08	8.41E-08
1364	494027.33	3860402.55	1.07E-04	1.31E-04	1.15E-04	3.71E-08	1.12E-07	6.49E-08	7.95E-08	7.20E-08	3.29E-08	2.88E-08	1.24E-09	2.99E-08	6.61E-09	1.08E-08	1.71E-08	3.02E-09	1.51E-08	8.38E-08
1365	493677.33	3860452.55	1.06E-04	1.29E-04	1.13E-04	3.66E-08	1.10E-07	6.39E-08	7.83E-08	7.10E-08	3.24E-08	2.84E-08	1.22E-09	2.95E-08	6.51E-09	1.06E-08	1.69E-08	2.97E-09	1.49E-08	8.26E-08
1366	493727.33	3860452.55	1.05E-04	1.29E-04	1.13E-04	3.65E-08	1.10E-07	6.37E-08	7.81E-08	7.08E-08	3.23E-08	2.83E-08	1.22E-09	2.94E-08	6.49E-09	1.06E-08	1.68E-08	2.96E-09	1.49E-08	8.23E-08
1367	493777.33	3860452.55	1.05E-04	1.29E-04	1.13E-04	3.64E-08	1.10E-07	6.36E-08	7.79E-08	7.06E-08	3.22E-08	2.83E-08	1.22E-09	2.94E-08	6.48E-09	1.06E-08	1.68E-08	2.96E-09	1.48E-08	8.22E-08
1368	493827.33	3860452.55	1.05E-04	1.29E-04	1.13E-04	3.64E-08	1.10E-07	6.36E-08	7.79E-08	7.06E-08	3.22E-08	2.83E-08	1.22E-09	2.94E-08	6.48E-09	1.06E-08	1.68E-08	2.96E-09	1.48E-08	8.22E-08

1369	493877.33	3860452.55	1.05E-04	1.29E-04	1.13E-04	3.64E-08	1.10E-07	6.36E-08	7.79E-08	7.06E-08	3.22E-08	2.82E-08	1.21E-09	2.93E-08	6.47E-09	1.06E-08	1.68E-08	2.96E-09	1.48E-08	8.22E-08
1370	493927.33	3860452.55	1.05E-04	1.29E-04	1.13E-04	3.64E-08	1.10E-07	6.36E-08	7.80E-08	7.07E-08	3.22E-08	2.83E-08	1.22E-09	2.94E-08	6.48E-09	1.06E-08	1.68E-08	2.96E-09	1.48E-08	8.22E-08
1371	493977.33	3860452.55	1.05E-04	1.28E-04	1.13E-04	3.64E-08	1.10E-07	6.35E-08	7.78E-08	7.05E-08	3.22E-08	2.82E-08	1.21E-09	2.93E-08	6.47E-09	1.06E-08	1.68E-08	2.95E-09	1.48E-08	8.21E-08
1372	494027.33	3860452.55	1.05E-04	1.28E-04	1.12E-04	3.63E-08	1.10E-07	6.34E-08	7.77E-08	7.04E-08	3.21E-08	2.82E-08	1.21E-09	2.93E-08	6.46E-09	1.05E-08	1.67E-08	2.95E-09	1.48E-08	8.19E-08
1373	493677.33	3860502.55	1.03E-04	1.26E-04	1.11E-04	3.57E-08	1.08E-07	6.24E-08	7.64E-08	6.93E-08	3.16E-08	2.77E-08	1.19E-09	2.88E-08	6.36E-09	1.04E-08	1.65E-08	2.90E-09	1.45E-08	8.06E-08
1374	493727.33	3860502.55	1.03E-04	1.26E-04	1.10E-04	3.56E-08	1.08E-07	6.23E-08	7.63E-08	6.91E-08	3.15E-08	2.77E-08	1.19E-09	2.87E-08	6.34E-09	1.04E-08	1.64E-08	2.90E-09	1.45E-08	8.05E-08
1375	493777.33	3860502.55	1.03E-04	1.26E-04	1.10E-04	3.56E-08	1.07E-07	6.22E-08	7.62E-08	6.91E-08	3.15E-08	2.76E-08	1.19E-09	2.87E-08	6.33E-09	1.03E-08	1.64E-08	2.89E-09	1.45E-08	8.04E-08
1376	493827.33	3860502.55	1.03E-04	1.26E-04	1.10E-04	3.55E-08	1.07E-07	6.21E-08	7.61E-08	6.90E-08	3.15E-08	2.76E-08	1.19E-09	2.87E-08	6.33E-09	1.03E-08	1.64E-08	2.89E-09	1.45E-08	8.03E-08
1377	493877.33	3860502.55	1.03E-04	1.26E-04	1.10E-04	3.56E-08	1.07E-07	6.21E-08	7.61E-08	6.90E-08	3.15E-08	2.76E-08	1.19E-09	2.87E-08	6.33E-09	1.03E-08	1.64E-08	2.89E-09	1.45E-08	8.03E-08
1378	493927.33	3860502.55	1.03E-04	1.26E-04	1.10E-04	3.56E-08	1.07E-07	6.22E-08	7.62E-08	6.90E-08	3.15E-08	2.76E-08	1.19E-09	2.87E-08	6.33E-09	1.03E-08	1.64E-08	2.89E-09	1.45E-08	8.03E-08
1379	493977.33	3860502.55	1.02E-04	1.25E-04	1.10E-04	3.55E-08	1.07E-07	6.21E-08	7.60E-08	6.89E-08	3.14E-08	2.76E-08	1.19E-09	2.86E-08	6.32E-09	1.03E-08	1.64E-08	2.89E-09	1.45E-08	8.02E-08
1380	494027.33	3860502.55	1.02E-04	1.25E-04	1.10E-04	3.55E-08	1.07E-07	6.20E-08	7.59E-08	6.88E-08	3.14E-08	2.75E-08	1.18E-09	2.86E-08	6.31E-09	1.03E-08	1.64E-08	2.88E-09	1.44E-08	8.01E-08
1381	493627.33	3860552.55	1.01E-04	1.23E-04	1.08E-04	3.49E-08	1.05E-07	6.10E-08	7.47E-08	6.77E-08	3.09E-08	2.71E-08	1.16E-09	2.81E-08	6.21E-09	1.01E-08	1.61E-08	2.83E-09	1.42E-08	7.88E-08
1382	493677.33	3860552.55	1.00E-04	1.23E-04	1.08E-04	3.48E-08	1.05E-07	6.08E-08	7.45E-08	6.75E-08	3.08E-08	2.70E-08	1.16E-09	2.81E-08	6.19E-09	1.01E-08	1.60E-08	2.83E-09	1.42E-08	7.86E-08
1383	493727.33	3860552.55	1.00E-04	1.23E-04	1.08E-04	3.47E-08	1.05E-07	6.07E-08	7.44E-08	6.74E-08	3.08E-08	2.70E-08	1.16E-09	2.80E-08	6.18E-09	1.01E-08	1.60E-08	2.82E-09	1.42E-08	7.85E-08
1384	493777.33	3860552.55	1.00E-04	1.23E-04	1.08E-04	3.47E-08	1.05E-07	6.07E-08	7.43E-08	6.74E-08	3.08E-08	2.70E-08	1.16E-09	2.80E-08	6.18E-09	1.01E-08	1.60E-08	2.82E-09	1.41E-08	7.84E-08
1385	493827.33	3860552.55	1.00E-04	1.23E-04	1.08E-04	3.48E-08	1.05E-07	6.08E-08	7.44E-08	6.75E-08	3.08E-08	2.70E-08	1.16E-09	2.80E-08	6.19E-09	1.01E-08	1.60E-08	2.82E-09	1.42E-08	7.85E-08
1386	493877.33	3860552.55	1.00E-04	1.23E-04	1.07E-04	3.47E-08	1.05E-07	6.07E-08	7.43E-08	6.73E-08	3.07E-08	2.69E-08	1.16E-09	2.80E-08	6.18E-09	1.01E-08	1.60E-08	2.82E-09	1.41E-08	7.84E-08
1387	493927.33	3860552.55	1.00E-04	1.23E-04	1.08E-04	3.47E-08	1.05E-07	6.07E-08	7.43E-08	6.74E-08	3.07E-08	2.69E-08	1.16E-09	2.80E-08	6.18E-09	1.01E-08	1.60E-08	2.82E-09	1.41E-08	7.84E-08
1388	493977.33	3860552.55	1.00E-04	1.23E-04	1.08E-04	3.47E-08	1.05E-07	6.07E-08	7.43E-08	6.74E-08	3.07E-08	2.70E-08	1.16E-09	2.80E-08	6.18E-09	1.01E-08	1.60E-08	2.82E-09	1.41E-08	7.84E-08
1389	494027.33	3860552.55	1.00E-04	1.22E-04	1.07E-04	3.47E-08	1.05E-07	6.06E-08	7.42E-08	6.73E-08	3.07E-08	2.69E-08	1.16E-09	2.80E-08	6.17E-09	1.01E-08	1.60E-08	2.82E-09	1.41E-08	7.83E-08
1390	493627.33	3860602.55	9.82E-05	1.20E-04	1.05E-04	3.40E-08	1.03E-07	5.95E-08	7.28E-08	6.60E-08	3.01E-08	2.64E-08	1.14E-09	2.74E-08	6.06E-09	9.89E-09	1.57E-08	2.77E-09	1.39E-08	7.68E-08
1391	493727.33	3860602.55	9.77E-05	1.20E-04	1.05E-04	3.38E-08	1.02E-07	5.92E-08	7.25E-08	6.57E-08	3.00E-08	2.63E-08	1.13E-09	2.73E-08	6.02E-09	9.84E-09	1.56E-08	2.75E-09	1.38E-08	7.64E-08
1392	493777.33	3860602.55	9.78E-05	1.20E-04	1.05E-04	3.39E-08	1.02E-07	5.93E-08	7.26E-08	6.58E-08	3.00E-08	2.63E-08	1.13E-09	2.74E-08	6.04E-09	9.86E-09	1.56E-08	2.76E-09	1.38E-08	7.66E-08
1393	493827.33	3860602.55	9.78E-05	1.20E-04	1.05E-04	3.39E-08	1.02E-07	5.92E-08	7.26E-08	6.58E-08	3.00E-08	2.63E-08	1.13E-09	2.73E-08	6.03E-09	9.85E-09	1.56E-08	2.75E-09	1.38E-08	7.65E-08
1394	493877.33	3860602.55	9.79E-05	1.20E-04	1.05E-04	3.39E-08	1.02E-07	5.93E-08	7.26E-08	6.58E-08	3.00E-08	2.63E-08	1.13E-09	2.74E-08	6.04E-09	9.86E-09	1.56E-08	2.76E-09	1.38E-08	7.66E-08
1395	493927.33	3860602.55	9.79E-05	1.20E-04	1.05E-04	3.39E-08	1.02E-07	5.93E-08	7.26E-08	6.58E-08	3.00E-08	2.63E-08	1.13E-09	2.74E-08	6.04E-09	9.86E-09	1.56E-08	2.76E-09	1.38E-08	7.66E-08
1396	493977.33	3860602.55	9.79E-05	1.20E-04	1.05E-04	3.39E-08	1.02E-07	5.93E-08	7.26E-08	6.58E-08	3.00E-08	2.63E-08	1.13E-09	2.74E-08	6.04E-09	9.86E-09	1.56E-08	2.76E-09	1.38E-08	7.66E-08
1397	494027.33	3860602.55	9.77E-05	1.20E-04	1.05E-04	3.39E-08	1.02E-07	5.92E-08	7.25E-08	6.57E-08	3.00E-08	2.63E-08	1.13E-09	2.73E-08	6.03E-09	9.84E-09	1.56E-08	2.75E-09	1.38E-08	7.65E-08
1398	493627.33	3860652.55	9.57E-05	1.17E-04	1.03E-04	3.32E-08	1.00E-07	5.80E-08	7.10E-08	6.44E-08	2.94E-08	2.57E-08	1.11E-09	2.67E-08	5.90E-09	9.64E-09	1.53E-08	2.69E-09	1.35E-08	7.49E-08
1399	493727.33	3860652.55	9.53E-05	1.17E-04	1.02E-04	3.30E-08	9.97E-08	5.77E-08	7.07E-08	6.41E-08	2.92E-08	2.56E-08	1.10E-09	2.66E-08	5.88E-09	9.60E-09	1.52E-08	2.68E-09	1.34E-08	7.46E-08
1400	493777.33	3860652.55	9.54E-05	1.17E-04	1.02E-04	3.31E-08	9.98E-08	5.78E-08	7.08E-08	6.42E-08	2.93E-08	2.57E-08	1.10E-09	2.67E-08	5.88E-09	9.61E-09	1.52E-08	2.69E-09	1.35E-08	7.47E-08
1401	493827.33	3860652.55	9.55E-05	1.17E-04	1.03E-04	3.31E-08	9.99E-08	5.78E-08	7.08E-08	6.42E-08	2.93E-08	2.57E-08	1.11E-09	2.67E-08	5.89E-09	9.62E-09	1.53E-08	2.69E-09	1.35E-08	7.47E-08
1402	493877.33	3860652.55	9.56E-05	1.17E-04	1.03E-04	3.31E-08	1.00E-07	5.79E-08	7.10E-08	6.43E-08	2.93E-08	2.57E-08	1.11E-09	2.67E-08	5.90E-09	9.63E-09	1.53E-08	2.69E-09	1.35E-08	7.49E-08
1403	493927.33	3860652.55	9.56E-05	1.17E-04	1.03E-04	3.31E-08	1.00E-07	5.79E-08	7.10E-08	6.43E-08	2.93E-08	2.57E-08	1.11E-09	2.67E-08	5.90E-09	9.63E-09	1.53E-08	2.69E-09	1.35E-08	7.48E-08
1404	493977.33	3860652.55	9.56E-05	1.17E-04	1.03E-04	3.31E-08	1.00E-07	5.79E-08	7.09E-08	6.43E-08	2.93E-08	2.57E-08	1.11E-09	2.67E-08	5.90E-09	9.63E-09	1.53E-08	2.69E-09	1.35E-08	7.48E-08
1405	494027.33	3860652.55	9.57E-05	1.17E-04	1.03E-04	3.32E-08	1.00E-07	5.79E-08	7.10E-08	6.43E-08	2.94E-08	2.57E-08	1.11E-09	2.67E-08	5.90E-09	9.64E-09	1.53E-08	2.69E-09	1.35E-08	7.49E-08
1406	494311.06	3858401.99	1.28E-04	1.57E-04	1.38E-04	4.45E-08	1.34E-07	7.77E-08	9.52E-08	8.63E-08	3.94E-08	3.45E-08	1.49E-09	3.59E-08	7.92E-09	1.29E-08	2.05E-08	3.61E-09	1.81E-08	1.00E-07
1407	494361.06	3858401.99	1.26E-04	1.54E-04	1.35E-04	4.37E-08	1.32E-07	7.63E-08	9.35E-08	8.47E-08	3.87E-08	3.39E-08	1.46E-09	3.52E-08	7.77E-09	1.27E-08	2.01E-08	3.55E-09	1.78E-08	9.86E-08
1408	494411.06	3858401.99	1.24E-04	1.52E-04	1.34E-04	4.31E-08	1.30E-07	7.54E-08	9.23E-08	8.37E-08	3.82E-08	3.35E-08	1.44E-09	3.48E-08	7.67E-09	1.25E-08	1.99E-08	3.50E-09	1.76E-08	9.74E-08
1409	494461.06	3858401.99	1.24E-04	1.51E-04	1.33E-04	4.29E-08	1.29E-07	7.49E-08	9.18E-08	8.32E-08	3.80E-08	3.33E-08	1.43E-09	3.46E-08	7.63E-09	1.25E-08	1.98E-08	3.48E-09	1.75E-08	9.68E-08
1410	494511.06	3858401.99	1.22E-04	1.49E-04	1.31E-04	4.23E-08	1.28E-07	7.39E-08	9.05E-08	8.20E-08	3.74E-08	3.28E-08	1.41E-09	3.41E-08	7.52E-09	1.23E-08	1.95E-08	3.44E-09	1.72E-08	9.55E-08
1411	494561.06	3858401.99	1.21E-04	1.48E-04	1.30E-04	4.20E-08	1.27E-07	7.34E-08	8.99E-08	8.15E-08	3.72E-08	3.26E-08	1.40E-09	3.39E-08	7.48E-09	1.22E-08	1.94E-08	3.41E-09	1.71E-08	9.49E-08
1412	494611.06	3858401.99	1.19E-04	1.46E-04	1.28E-04	4.14E-08	1.25E-07	7.24E-08	8.87E-08	8.04E-08	3.67E-08	3.21E-08	1.38E-09	3.34E-08	7.37E-09	1.20E-08	1.91E-08	3.37E-09	1.69E-08	9.35E-08
1413	494661.06	3858401.99	1.18E-04	1.45E-04	1.27E-04	4.09E-08	1.24E-07	7.15E-08	8.76E-08	7.94E-08	3.62E-08	3.17E-08	1.37E-09	3.30E-08	7.28E-09	1.19E-08	1.89E-08	3.32E-09	1.67E-08	9.24E-08
1414	494711.06	3858401.99	1.16E-04	1.42E-04	1.24E-04	4.02E-08	1.21E-07	7.02E-08	8.60E-08	7.79E-08	3.56E-08	3.12E-08	1.34E-09	3.24E-08	7.15E-09	1.17E-08	1.85E-08	3.26E-09	1.64E-08	9.07E-08
1415	494761.06	3858401.99	1.15E-04	1.41E-04	1.23E-04	3.98E-08	1.20E-07	6.95E-08	8.51E-08	7.72E-08	3.52E-08	3.09E-08	1.33E-09	3.21E-08	7.08E-09	1.16E-08	1.83E-08	3.23E-09	1.62E-08	8.98E-08
1416	494811.06	3858401.99	1.13E-04	1.39E-04	1.21E-04	3.92E-08	1.18E-07	6.85E-08	8.39E-08	7.61E-08	3.47E-08	3.04E-08	1.31E-09	3.16E-08	6.98E-09	1.14E-08	1.81E-08	3.19E-09	1.60E-08	8.85E-08
1417	494861.06	3858401.99	1.12E-04	1.37E-04	1.20E-04	3.87E-08	1.17E-07	6.76E-08	8.28E-08	7.51E-08	3.43E-08	3.00E-08	1.29E-09	3.12E-08	6.89E-09	1.12E-08	1.78E-08	3.14E-09	1.58E-08	8.74E-08
1418	494911.06	3858401.99	1.10E-04	1.35E-04	1.18E-04	3.82E-08	1.15E-07	6.68E-08	8.18E-08	7.42E-08	3.38E-08	2.97E-08	1.28E-09	3.08E-08	6.80E-09	1.11E-08	1.76E-08	3.11E-09	1.56E-08	8.63E-08
1419	494961.06	3858401.99	1.09E-04	1.33E-04	1.17E-04	3.77E-08	1.14E-07	6.59E-08	8.07E-08	7.31E-08	3.34E-08	2.92E-08	1.26E-09	3.04E-08	6.71E-09	1.10E-08	1.74E-08	3.06E-09	1.53E-08	8.51E-08
1420	495011.06	3858401.99	1.07E-04	1.31E-04	1.15E-04	3.70E-08	1.12E-07	6.47E-08	7.92E-08	7.18E-08	3.28E-08	2.87E-08	1.24E-09	2.99E-08	6.59E-09	1.08E-08	1.71E-08	3.01E-09	1.51E-08	8.36E-08
1421	495061.06	3858401.99	1.05E-04	1.29E-04	1.13E-04	3.65E-08	1.10E-07	6.38E-08	7.82E-08	7.08E-08	3.23E-08	2.83E-08	1.22E-09	2.94E-08	6.50E-09	1.06E-08	1.68E-08	2.97E-09	1.49E-08	8.24E-08
1422	495111.06	3858401.99	1.03E-04	1.26E-04	1.10E-04	3.55E-08	1.07E-07	6.21E-08	7.61E-08	6.90E-08	3.15E-08	2.76E-08	1.19E-09	2.87E-08	6.33E-09	1.03E-08	1.64E-08	2.89E-09	1.45E-08	8.03E-08
1423	495161.06	3858401.99	1.02E-04	1.25E-04	1.10E-04	3.54E-08	1.07E-07	6.18E-08	7.57E-08	6.86E-08	3.13E-08	2.74E-08	1.18E-09	2.85E-08	6.29E-09	1.03E-08	1.63E-08	2.87E-09	1.44E-08	7.99E-08

1424	495211.06	3858401.99	9.96E-05	1.22E-04	1.07E-04	3.45E-08	1.04E-07	6.04E-08	7.39E-08	6.70E-08	3.06E-08	2.68E-08	1.15E-09	2.79E-08	6.15E-09	1.00E-08	1.59E-08	2.81E-09	1.41E-08	7.80E-08
1425	495261.06	3858401.99	9.83E-05	1.20E-04	1.06E-04	3.41E-08	1.03E-07	5.96E-08	7.30E-08	6.61E-08	3.02E-08	2.65E-08	1.14E-09	2.75E-08	6.07E-09	9.91E-09	1.57E-08	2.77E-09	1.39E-08	7.70E-08
1426	495311.06	3858401.99	9.70E-05	1.19E-04	1.04E-04	3.36E-08	1.01E-07	5.88E-08	7.20E-08	6.52E-08	2.98E-08	2.61E-08	1.12E-09	2.71E-08	5.98E-09	9.77E-09	1.55E-08	2.73E-09	1.37E-08	7.59E-08
1427	495361.06	3858401.99	9.61E-05	1.18E-04	1.03E-04	3.33E-08	1.01E-07	5.82E-08	7.13E-08	6.46E-08	2.95E-08	2.58E-08	1.11E-09	2.69E-08	5.93E-09	9.68E-09	1.54E-08	2.71E-09	1.36E-08	7.52E-08
1428	495411.06	3858401.99	9.56E-05	1.17E-04	1.03E-04	3.31E-08	1.00E-07	5.79E-08	7.09E-08	6.43E-08	2.93E-08	2.57E-08	1.11E-09	2.67E-08	5.89E-09	9.63E-09	1.53E-08	2.69E-09	1.35E-08	7.48E-08
1429	495461.06	3858401.99	9.52E-05	1.17E-04	1.02E-04	3.30E-08	9.96E-08	5.77E-08	7.06E-08	6.40E-08	2.92E-08	2.56E-08	1.10E-09	2.66E-08	5.87E-09	9.59E-09	1.52E-08	2.68E-09	1.34E-08	7.45E-08
1430	495511.06	3858401.99	9.47E-05	1.16E-04	1.02E-04	3.28E-08	9.91E-08	5.74E-08	7.03E-08	6.37E-08	2.91E-08	2.55E-08	1.10E-09	2.65E-08	5.84E-09	9.54E-09	1.51E-08	2.67E-09	1.34E-08	7.41E-08
1431	495561.06	3858401.99	9.35E-05	1.15E-04	1.00E-04	3.24E-08	9.79E-08	5.66E-08	6.94E-08	6.29E-08	2.87E-08	2.52E-08	1.08E-09	2.61E-08	5.77E-09	9.42E-09	1.49E-08	2.63E-09	1.32E-08	7.32E-08
1432	495611.06	3858401.99	9.31E-05	1.14E-04	9.99E-05	3.22E-08	9.74E-08	5.64E-08	6.90E-08	6.26E-08	2.86E-08	2.50E-08	1.08E-09	2.60E-08	5.74E-09	9.37E-09	1.49E-08	2.62E-09	1.31E-08	7.28E-08
1433	495661.06	3858401.99	9.37E-05	1.15E-04	1.01E-04	3.25E-08	9.80E-08	5.67E-08	6.95E-08	6.30E-08	2.87E-08	2.52E-08	1.08E-09	2.62E-08	5.78E-09	9.43E-09	1.50E-08	2.64E-09	1.32E-08	7.33E-08
1434	494311.06	3858451.99	1.31E-04	1.60E-04	1.40E-04	4.54E-08	1.37E-07	7.93E-08	9.71E-08	8.80E-08	4.02E-08	3.52E-08	1.51E-09	3.66E-08	8.07E-09	1.32E-08	2.09E-08	3.69E-09	1.85E-08	1.02E-07
1435	494361.06	3858451.99	1.29E-04	1.58E-04	1.38E-04	4.47E-08	1.35E-07	7.82E-08	9.57E-08	8.68E-08	3.96E-08	3.47E-08	1.49E-09	3.61E-08	7.96E-09	1.30E-08	2.06E-08	3.63E-09	1.82E-08	1.01E-07
1436	494411.06	3858451.99	1.27E-04	1.56E-04	1.37E-04	4.42E-08	1.33E-07	7.72E-08	9.45E-08	8.57E-08	3.91E-08	3.43E-08	1.47E-09	3.56E-08	7.86E-09	1.28E-08	2.04E-08	3.59E-09	1.80E-08	9.97E-08
1437	494461.06	3858451.99	1.26E-04	1.54E-04	1.35E-04	4.37E-08	1.32E-07	7.63E-08	9.35E-08	8.48E-08	3.87E-08	3.39E-08	1.46E-09	3.52E-08	7.77E-09	1.27E-08	2.01E-08	3.55E-09	1.78E-08	9.86E-08
1438	494511.06	3858451.99	1.25E-04	1.53E-04	1.34E-04	4.34E-08	1.31E-07	7.58E-08	9.29E-08	8.42E-08	3.84E-08	3.37E-08	1.45E-09	3.50E-08	7.72E-09	1.26E-08	2.00E-08	3.53E-09	1.77E-08	9.80E-08
1439	494561.06	3858451.99	1.23E-04	1.51E-04	1.32E-04	4.28E-08	1.29E-07	7.48E-08	9.16E-08	8.30E-08	3.79E-08	3.32E-08	1.43E-09	3.45E-08	7.61E-09	1.24E-08	1.97E-08	3.48E-09	1.74E-08	9.66E-08
1440	494611.06	3858451.99	1.22E-04	1.50E-04	1.31E-04	4.23E-08	1.28E-07	7.40E-08	9.06E-08	8.21E-08	3.75E-08	3.28E-08	1.41E-09	3.41E-08	7.53E-09	1.23E-08	1.95E-08	3.44E-09	1.72E-08	9.55E-08
1441	494661.06	3858451.99	1.21E-04	1.48E-04	1.29E-04	4.18E-08	1.26E-07	7.31E-08	8.95E-08	8.11E-08	3.70E-08	3.24E-08	1.40E-09	3.37E-08	7.44E-09	1.22E-08	1.93E-08	3.40E-09	1.70E-08	9.44E-08
1442	494711.06	3858451.99	1.19E-04	1.45E-04	1.27E-04	4.12E-08	1.24E-07	7.20E-08	8.81E-08	7.99E-08	3.65E-08	3.19E-08	1.37E-09	3.32E-08	7.33E-09	1.20E-08	1.90E-08	3.35E-09	1.68E-08	9.30E-08
1443	494761.06	3858451.99	1.17E-04	1.43E-04	1.25E-04	4.05E-08	1.22E-07	7.08E-08	8.67E-08	7.86E-08	3.59E-08	3.14E-08	1.35E-09	3.27E-08	7.21E-09	1.18E-08	1.87E-08	3.29E-09	1.65E-08	9.15E-08
1444	494811.06	3858451.99	1.15E-04	1.41E-04	1.24E-04	4.00E-08	1.21E-07	6.99E-08	8.56E-08	7.76E-08	3.54E-08	3.10E-08	1.34E-09	3.23E-08	7.12E-09	1.16E-08	1.84E-08	3.25E-09	1.63E-08	9.03E-08
1445	494861.06	3858451.99	1.14E-04	1.39E-04	1.22E-04	3.94E-08	1.19E-07	6.89E-08	8.44E-08	7.65E-08	3.49E-08	3.06E-08	1.32E-09	3.18E-08	7.01E-09	1.15E-08	1.82E-08	3.20E-09	1.60E-08	8.90E-08
1446	494911.06	3858451.99	1.12E-04	1.37E-04	1.20E-04	3.87E-08	1.17E-07	6.77E-08	8.29E-08	7.51E-08	3.43E-08	3.00E-08	1.29E-09	3.12E-08	6.89E-09	1.13E-08	1.79E-08	3.15E-09	1.58E-08	8.74E-08
1447	494961.06	3858451.99	1.10E-04	1.35E-04	1.18E-04	3.81E-08	1.15E-07	6.66E-08	8.15E-08	7.39E-08	3.37E-08	2.95E-08	1.27E-09	3.07E-08	6.78E-09	1.11E-08	1.76E-08	3.09E-09	1.55E-08	8.60E-08
1448	495011.06	3858451.99	1.08E-04	1.32E-04	1.16E-04	3.74E-08	1.13E-07	6.53E-08	8.00E-08	7.25E-08	3.31E-08	2.90E-08	1.25E-09	3.01E-08	6.65E-09	1.09E-08	1.72E-08	3.04E-09	1.52E-08	8.44E-08
1449	495061.06	3858451.99	1.07E-04	1.31E-04	1.15E-04	3.70E-08	1.12E-07	6.47E-08	7.93E-08	7.19E-08	3.28E-08	2.87E-08	1.24E-09	2.99E-08	6.59E-09	1.08E-08	1.71E-08	3.01E-09	1.51E-08	8.37E-08
1450	495111.06	3858451.99	1.05E-04	1.29E-04	1.13E-04	3.64E-08	1.10E-07	6.36E-08	7.78E-08	7.06E-08	3.22E-08	2.82E-08	1.21E-09	2.93E-08	6.47E-09	1.06E-08	1.68E-08	2.96E-09	1.48E-08	8.21E-08
1451	495161.06	3858451.99	1.03E-04	1.26E-04	1.10E-04	3.56E-08	1.07E-07	6.22E-08	7.62E-08	6.91E-08	3.15E-08	2.76E-08	1.19E-09	2.87E-08	6.34E-09	1.03E-08	1.64E-08	2.89E-09	1.45E-08	8.04E-08
1452	495211.06	3858451.99	1.01E-04	1.23E-04	1.08E-04	3.49E-08	1.05E-07	6.10E-08	7.48E-08	6.78E-08	3.09E-08	2.71E-08	1.17E-09	2.82E-08	6.21E-09	1.01E-08	1.61E-08	2.84E-09	1.42E-08	7.89E-08
1453	495261.06	3858451.99	9.95E-05	1.22E-04	1.07E-04	3.45E-08	1.04E-07	6.03E-08	7.38E-08	6.69E-08	3.05E-08	2.68E-08	1.15E-09	2.78E-08	6.14E-09	1.00E-08	1.59E-08	2.80E-09	1.40E-08	7.79E-08
1454	495311.06	3858451.99	9.84E-05	1.21E-04	1.06E-04	3.41E-08	1.03E-07	5.96E-08	7.30E-08	6.62E-08	3.02E-08	2.65E-08	1.14E-09	2.75E-08	6.07E-09	9.92E-09	1.57E-08	2.77E-09	1.39E-08	7.70E-08
1455	495361.06	3858451.99	9.76E-05	1.20E-04	1.05E-04	3.38E-08	1.02E-07	5.91E-08	7.24E-08	6.56E-08	2.99E-08	2.62E-08	1.13E-09	2.73E-08	6.02E-09	9.83E-09	1.56E-08	2.75E-09	1.38E-08	7.64E-08
1456	495411.06	3858451.99	9.72E-05	1.19E-04	1.04E-04	3.37E-08	1.02E-07	5.89E-08	7.21E-08	6.54E-08	2.98E-08	2.61E-08	1.12E-09	2.72E-08	5.99E-09	9.79E-09	1.55E-08	2.74E-09	1.37E-08	7.61E-08
1457	495461.06	3858451.99	9.69E-05	1.19E-04	1.04E-04	3.36E-08	1.01E-07	5.87E-08	7.19E-08	6.52E-08	2.97E-08	2.61E-08	1.12E-09	2.71E-08	5.98E-09	9.76E-09	1.55E-08	2.73E-09	1.37E-08	7.58E-08
1458	495511.06	3858451.99	9.59E-05	1.17E-04	1.03E-04	3.32E-08	1.00E-07	5.81E-08	7.11E-08	6.45E-08	2.94E-08	2.58E-08	1.11E-09	2.68E-08	5.91E-09	9.66E-09	1.53E-08	2.70E-09	1.35E-08	7.50E-08
1459	495561.06	3858451.99	9.60E-05	1.18E-04	1.03E-04	3.33E-08	1.00E-07	5.82E-08	7.12E-08	6.46E-08	2.95E-08	2.58E-08	1.11E-09	2.68E-08	5.92E-09	9.67E-09	1.53E-08	2.70E-09	1.36E-08	7.51E-08
1460	495611.06	3858451.99	9.48E-05	1.16E-04	1.02E-04	3.28E-08	9.91E-08	5.74E-08	7.03E-08	6.37E-08	2.91E-08	2.55E-08	1.10E-09	2.65E-08	5.84E-09	9.54E-09	1.51E-08	2.67E-09	1.34E-08	7.42E-08
1461	495661.06	3858451.99	9.46E-05	1.16E-04	1.02E-04	3.28E-08	9.90E-08	5.73E-08	7.02E-08	6.36E-08	2.90E-08	2.54E-08	1.09E-09	2.64E-08	5.84E-09	9.53E-09	1.51E-08	2.66E-09	1.34E-08	7.40E-08
1462	494311.06	3858501.99	1.31E-04	1.61E-04	1.41E-04	4.54E-08	1.37E-07	7.94E-08	9.73E-08	8.82E-08	4.02E-08	3.53E-08	1.52E-09	3.67E-08	8.09E-09	1.32E-08	2.10E-08	3.69E-09	1.85E-08	1.03E-07
1463	494361.06	3858501.99	1.30E-04	1.59E-04	1.39E-04	4.50E-08	1.36E-07	7.87E-08	9.64E-08	8.74E-08	3.99E-08	3.49E-08	1.50E-09	3.63E-08	8.01E-09	1.31E-08	2.08E-08	3.66E-09	1.83E-08	1.02E-07
1464	494411.06	3858501.99	1.28E-04	1.57E-04	1.38E-04	4.45E-08	1.34E-07	7.78E-08	9.53E-08	8.64E-08	3.94E-08	3.45E-08	1.49E-09	3.59E-08	7.92E-09	1.29E-08	2.05E-08	3.62E-09	1.81E-08	1.01E-07
1465	494461.06	3858501.99	1.28E-04	1.56E-04	1.37E-04	4.42E-08	1.33E-07	7.73E-08	9.47E-08	8.58E-08	3.92E-08	3.43E-08	1.48E-09	3.57E-08	7.87E-09	1.29E-08	2.04E-08	3.59E-09	1.80E-08	9.98E-08
1466	494511.06	3858501.99	1.26E-04	1.54E-04	1.35E-04	4.35E-08	1.31E-07	7.61E-08	9.32E-08	8.45E-08	3.86E-08	3.38E-08	1.45E-09	3.51E-08	7.75E-09	1.27E-08	2.01E-08	3.54E-09	1.77E-08	9.83E-08
1467	494561.06	3858501.99	1.26E-04	1.54E-04	1.35E-04	4.36E-08	1.32E-07	7.62E-08	9.33E-08	8.46E-08	3.86E-08	3.38E-08	1.46E-09	3.52E-08	7.76E-09	1.27E-08	2.01E-08	3.54E-09	1.78E-08	9.84E-08
1468	494611.06	3858501.99	1.24E-04	1.52E-04	1.33E-04	4.30E-08	1.30E-07	7.52E-08	9.21E-08	8.35E-08	3.81E-08	3.34E-08	1.44E-09	3.47E-08	7.66E-09	1.25E-08	1.98E-08	3.50E-09	1.75E-08	9.71E-08
1469	494661.06	3858501.99	1.23E-04	1.51E-04	1.32E-04	4.26E-08	1.29E-07	7.45E-08	9.13E-08	8.28E-08	3.78E-08	3.31E-08	1.42E-09	3.44E-08	7.59E-09	1.24E-08	1.97E-08	3.47E-09	1.74E-08	9.63E-08
1470	494711.06	3858501.99	1.21E-04	1.48E-04	1.30E-04	4.20E-08	1.27E-07	7.34E-08	8.99E-08	8.15E-08	3.72E-08	3.26E-08	1.40E-09	3.39E-08	7.47E-09	1.22E-08	1.94E-08	3.41E-09	1.71E-08	9.48E-08
1471	494761.06	3858501.99	1.19E-04	1.46E-04	1.28E-04	4.12E-08	1.25E-07	7.21E-08	8.83E-08	8.00E-08	3.65E-08	3.20E-08	1.38E-09	3.33E-08	7.34E-09	1.20E-08	1.90E-08	3.35E-09	1.68E-08	9.31E-08
1472	494811.06	3858501.99	1.17E-04	1.43E-04	1.26E-04	4.06E-08	1.22E-07	7.09E-08	8.68E-08	7.87E-08	3.59E-08	3.15E-08	1.35E-09	3.27E-08	7.22E-09	1.18E-08	1.87E-08	3.30E-09	1.65E-08	9.16E-08
1473	494861.06	3858501.99	1.16E-04	1.42E-04	1.24E-04	4.01E-08	1.21E-07	7.00E-08	8.58E-08	7.78E-08	3.55E-08	3.11E-08	1.34E-09	3.23E-08	7.13E-09	1.16E-08	1.85E-08	3.26E-09	1.63E-08	9.05E-08
1474	494911.06	3858501.99	1.13E-04	1.38E-04	1.21E-04	3.91E-08	1.18E-07	6.84E-08	8.38E-08	7.60E-08	3.47E-08	3.04E-08	1.31E-09	3.16E-08	6.97E-09	1.14E-08	1.80E-08	3.18E-09	1.59E-08	8.84E-08
1475	494961.06	3858501.99	1.12E-04	1.37E-04	1.20E-04	3.87E-08	1.17E-07	6.76E-08	8.28E-08	7.50E-08	3.42E-08	3.00E-08	1.29E-09	3.12E-08	6.88E-09	1.12E-08	1.78E-08	3.14E-09	1.57E-08	8.73E-08
1476	495011.06	3858501.99	1.09E-04	1.34E-04	1.17E-04	3.79E-08	1.14E-07	6.62E-08	8.11E-08	7.35E-08	3.35E-08	2.94E-08	1.26E-09	3.05E-08	6.74E-09	1.10E-08	1.75E-08	3.08E-09	1.54E-08	8.55E-08
1477	495061.06	3858501.99	1.08E-04	1.33E-04	1.16E-04	3.75E-08	1.13E-07	6.56E-08	8.04E-08	7.28E-08	3.32E-08	2.91E-08	1.25E-09	3.03E-08	6.68E-09	1.09E-08	1.73E-08	3.05E-09	1.53E-08	8.48E-08
1478	495111.06	3858501.99	1.05E-04	1.29E-04	1.13E-04	3.65E-08	1.10E-07	6.39E-08	7.82E-08	7.09E-08	3.24E-08	2.84E-08	1.22E-09	2.95E-08	6.51E-09	1.06E-08	1.69E-08	2.97E-09	1.49E-08	8.25E-08

1479	495161.06	3858501.99	1.04E-04	1.27E-04	1.11E-04	3.59E-08	1.08E-07	6.28E-08	7.69E-08	6.97E-08	3.18E-08	2.79E-08	1.20E-09	2.90E-08	6.39E-09	1.04E-08	1.66E-08	2.92E-09	1.46E-08	8.11E-08
1480	495211.06	3858501.99	1.02E-04	1.25E-04	1.09E-04	3.53E-08	1.07E-07	6.17E-08	7.56E-08	6.85E-08	3.13E-08	2.74E-08	1.18E-09	2.85E-08	6.29E-09	1.03E-08	1.63E-08	2.87E-09	1.44E-08	7.98E-08
1481	495261.06	3858501.99	1.01E-04	1.23E-04	1.08E-04	3.49E-08	1.05E-07	6.10E-08	7.47E-08	6.77E-08	3.09E-08	2.71E-08	1.17E-09	2.81E-08	6.21E-09	1.01E-08	1.61E-08	2.84E-09	1.42E-08	7.88E-08
1482	495311.06	3858501.99	1.00E-04	1.22E-04	1.07E-04	3.46E-08	1.05E-07	6.05E-08	7.42E-08	6.72E-08	3.07E-08	2.69E-08	1.16E-09	2.79E-08	6.17E-09	1.01E-08	1.60E-08	2.82E-09	1.41E-08	7.82E-08
1483	495361.06	3858501.99	9.93E-05	1.22E-04	1.07E-04	3.44E-08	1.04E-07	6.01E-08	7.37E-08	6.68E-08	3.05E-08	2.67E-08	1.15E-09	2.78E-08	6.12E-09	1.00E-08	1.59E-08	2.80E-09	1.40E-08	7.77E-08
1484	495411.06	3858501.99	9.89E-05	1.21E-04	1.06E-04	3.43E-08	1.03E-07	5.99E-08	7.33E-08	6.65E-08	3.03E-08	2.66E-08	1.14E-09	2.76E-08	6.10E-09	9.96E-09	1.58E-08	2.78E-09	1.40E-08	7.74E-08
1485	495461.06	3858501.99	9.84E-05	1.21E-04	1.06E-04	3.41E-08	1.03E-07	5.96E-08	7.30E-08	6.62E-08	3.02E-08	2.65E-08	1.14E-09	2.75E-08	6.07E-09	9.92E-09	1.57E-08	2.77E-09	1.39E-08	7.70E-08
1486	495511.06	3858501.99	9.78E-05	1.20E-04	1.05E-04	3.39E-08	1.02E-07	5.92E-08	7.25E-08	6.57E-08	3.00E-08	2.63E-08	1.13E-09	2.73E-08	6.03E-09	9.85E-09	1.56E-08	2.75E-09	1.38E-08	7.65E-08
1487	495561.06	3858501.99	9.78E-05	1.20E-04	1.05E-04	3.39E-08	1.02E-07	5.93E-08	7.26E-08	6.58E-08	3.00E-08	2.63E-08	1.13E-09	2.74E-08	6.04E-09	9.86E-09	1.56E-08	2.76E-09	1.38E-08	7.66E-08
1488	495611.06	3858501.99	9.67E-05	1.18E-04	1.04E-04	3.35E-08	1.01E-07	5.86E-08	7.18E-08	6.50E-08	2.97E-08	2.60E-08	1.12E-09	2.70E-08	5.97E-09	9.74E-09	1.55E-08	2.72E-09	1.37E-08	7.57E-08
1489	495661.06	3858501.99	9.66E-05	1.18E-04	1.04E-04	3.35E-08	1.01E-07	5.85E-08	7.17E-08	6.50E-08	2.96E-08	2.60E-08	1.12E-09	2.70E-08	5.96E-09	9.73E-09	1.54E-08	2.72E-09	1.36E-08	7.56E-08
1490	494311.06	3858551.99	1.29E-04	1.58E-04	1.38E-04	4.46E-08	1.35E-07	7.80E-08	9.55E-08	8.66E-08	3.95E-08	3.46E-08	1.49E-09	3.60E-08	7.94E-09	1.30E-08	2.06E-08	3.63E-09	1.82E-08	1.01E-07
1491	494361.06	3858551.99	1.30E-04	1.59E-04	1.39E-04	4.49E-08	1.36E-07	7.85E-08	9.61E-08	8.71E-08	3.98E-08	3.48E-08	1.50E-09	3.62E-08	7.99E-09	1.31E-08	2.07E-08	3.65E-09	1.83E-08	1.01E-07
1492	494411.06	3858551.99	1.30E-04	1.60E-04	1.40E-04	4.52E-08	1.36E-07	7.89E-08	9.67E-08	8.76E-08	4.00E-08	3.50E-08	1.51E-09	3.64E-08	8.04E-09	1.31E-08	2.08E-08	3.67E-09	1.84E-08	1.02E-07
1493	494461.06	3858551.99	1.30E-04	1.59E-04	1.39E-04	4.50E-08	1.36E-07	7.87E-08	9.64E-08	8.74E-08	3.99E-08	3.49E-08	1.50E-09	3.63E-08	8.01E-09	1.31E-08	2.08E-08	3.66E-09	1.83E-08	1.02E-07
1494	494511.06	3858551.99	1.29E-04	1.58E-04	1.38E-04	4.46E-08	1.35E-07	7.80E-08	9.56E-08	8.66E-08	3.95E-08	3.46E-08	1.49E-09	3.60E-08	7.95E-09	1.30E-08	2.06E-08	3.63E-09	1.82E-08	1.01E-07
1495	494561.06	3858551.99	1.28E-04	1.57E-04	1.37E-04	4.43E-08	1.34E-07	7.75E-08	9.49E-08	8.61E-08	3.93E-08	3.44E-08	1.48E-09	3.58E-08	7.89E-09	1.29E-08	2.04E-08	3.60E-09	1.81E-08	1.00E-07
1496	494611.06	3858551.99	1.27E-04	1.55E-04	1.36E-04	4.39E-08	1.33E-07	7.67E-08	9.40E-08	8.52E-08	3.89E-08	3.41E-08	1.47E-09	3.54E-08	7.81E-09	1.28E-08	2.02E-08	3.57E-09	1.79E-08	9.91E-08
1497	494661.06	3858551.99	1.25E-04	1.54E-04	1.35E-04	4.35E-08	1.31E-07	7.60E-08	9.31E-08	8.44E-08	3.85E-08	3.37E-08	1.45E-09	3.51E-08	7.74E-09	1.26E-08	2.01E-08	3.53E-09	1.77E-08	9.82E-08
1498	494711.06	3858551.99	1.23E-04	1.51E-04	1.32E-04	4.27E-08	1.29E-07	7.47E-08	9.15E-08	8.30E-08	3.79E-08	3.32E-08	1.43E-09	3.45E-08	7.61E-09	1.24E-08	1.97E-08	3.47E-09	1.74E-08	9.65E-08
1499	494761.06	3858551.99	1.21E-04	1.49E-04	1.30E-04	4.20E-08	1.27E-07	7.34E-08	9.00E-08	8.15E-08	3.72E-08	3.26E-08	1.40E-09	3.39E-08	7.48E-09	1.22E-08	1.94E-08	3.41E-09	1.71E-08	9.49E-08
1500	494811.06	3858551.99	1.20E-04	1.47E-04	1.28E-04	4.15E-08	1.25E-07	7.25E-08	8.88E-08	8.05E-08	3.67E-08	3.22E-08	1.38E-09	3.34E-08	7.38E-09	1.21E-08	1.91E-08	3.37E-09	1.69E-08	9.36E-08
1501	494861.06	3858551.99	1.18E-04	1.44E-04	1.26E-04	4.07E-08	1.23E-07	7.12E-08	8.72E-08	7.90E-08	3.61E-08	3.16E-08	1.36E-09	3.29E-08	7.25E-09	1.18E-08	1.88E-08	3.31E-09	1.66E-08	9.20E-08
1502	494911.06	3858551.99	1.15E-04	1.41E-04	1.24E-04	3.99E-08	1.20E-07	6.97E-08	8.54E-08	7.74E-08	3.53E-08	3.10E-08	1.33E-09	3.22E-08	7.10E-09	1.16E-08	1.84E-08	3.24E-09	1.63E-08	9.01E-08
1503	494961.06	3858551.99	1.13E-04	1.39E-04	1.22E-04	3.93E-08	1.19E-07	6.86E-08	8.40E-08	7.62E-08	3.48E-08	3.05E-08	1.31E-09	3.17E-08	6.99E-09	1.14E-08	1.81E-08	3.19E-09	1.60E-08	8.86E-08
1504	495011.06	3858551.99	1.11E-04	1.36E-04	1.19E-04	3.84E-08	1.16E-07	6.72E-08	8.23E-08	7.46E-08	3.40E-08	2.98E-08	1.28E-09	3.10E-08	6.84E-09	1.12E-08	1.77E-08	3.12E-09	1.56E-08	8.68E-08
1505	495061.06	3858551.99	1.09E-04	1.34E-04	1.17E-04	3.79E-08	1.15E-07	6.63E-08	8.12E-08	7.36E-08	3.36E-08	2.94E-08	1.27E-09	3.06E-08	6.75E-09	1.10E-08	1.75E-08	3.08E-09	1.54E-08	8.56E-08
1506	495111.06	3858551.99	1.07E-04	1.31E-04	1.14E-04	3.69E-08	1.12E-07	6.46E-08	7.91E-08	7.17E-08	3.27E-08	2.87E-08	1.23E-09	2.98E-08	6.57E-09	1.07E-08	1.70E-08	3.00E-09	1.50E-08	8.34E-08
1507	495161.06	3858551.99	1.05E-04	1.28E-04	1.12E-04	3.63E-08	1.10E-07	6.35E-08	7.77E-08	7.05E-08	3.22E-08	2.82E-08	1.21E-09	2.93E-08	6.46E-09	1.06E-08	1.67E-08	2.95E-09	1.48E-08	8.20E-08
1508	495211.06	3858551.99	1.03E-04	1.26E-04	1.11E-04	3.58E-08	1.08E-07	6.25E-08	7.65E-08	6.94E-08	3.17E-08	2.77E-08	1.19E-09	2.88E-08	6.36E-09	1.04E-08	1.65E-08	2.91E-09	1.46E-08	8.07E-08
1509	495261.06	3858551.99	1.02E-04	1.25E-04	1.10E-04	3.54E-08	1.07E-07	6.18E-08	7.57E-08	6.86E-08	3.13E-08	2.74E-08	1.18E-09	2.85E-08	6.30E-09	1.03E-08	1.63E-08	2.87E-09	1.44E-08	7.99E-08
1510	495311.06	3858551.99	1.02E-04	1.24E-04	1.09E-04	3.52E-08	1.06E-07	6.15E-08	7.53E-08	6.83E-08	3.12E-08	2.73E-08	1.18E-09	2.84E-08	6.26E-09	1.02E-08	1.62E-08	2.86E-09	1.43E-08	7.95E-08
1511	495361.06	3858551.99	1.01E-04	1.24E-04	1.08E-04	3.50E-08	1.06E-07	6.11E-08	7.48E-08	6.79E-08	3.10E-08	2.71E-08	1.17E-09	2.82E-08	6.22E-09	1.02E-08	1.61E-08	2.84E-09	1.42E-08	7.90E-08
1512	495411.06	3858551.99	1.01E-04	1.23E-04	1.08E-04	3.49E-08	1.05E-07	6.09E-08	7.46E-08	6.77E-08	3.09E-08	2.71E-08	1.16E-09	2.81E-08	6.21E-09	1.01E-08	1.61E-08	2.83E-09	1.42E-08	7.87E-08
1513	495461.06	3858551.99	1.00E-04	1.23E-04	1.07E-04	3.47E-08	1.05E-07	6.06E-08	7.42E-08	6.73E-08	3.07E-08	2.69E-08	1.16E-09	2.80E-08	6.17E-09	1.01E-08	1.60E-08	2.82E-09	1.41E-08	7.83E-08
1514	495511.06	3858551.99	9.98E-05	1.22E-04	1.07E-04	3.46E-08	1.04E-07	6.05E-08	7.41E-08	6.71E-08	3.06E-08	2.68E-08	1.16E-09	2.79E-08	6.16E-09	1.01E-08	1.60E-08	2.81E-09	1.41E-08	7.81E-08
1515	495561.06	3858551.99	9.93E-05	1.22E-04	1.07E-04	3.44E-08	1.04E-07	6.01E-08	7.37E-08	6.68E-08	3.05E-08	2.67E-08	1.15E-09	2.78E-08	6.12E-09	1.00E-08	1.59E-08	2.80E-09	1.40E-08	7.77E-08
1516	495611.06	3858551.99	9.86E-05	1.21E-04	1.06E-04	3.42E-08	1.03E-07	5.97E-08	7.32E-08	6.63E-08	3.03E-08	2.65E-08	1.14E-09	2.76E-08	6.08E-09	9.93E-09	1.58E-08	2.78E-09	1.39E-08	7.72E-08
1517	495661.06	3858551.99	9.78E-05	1.20E-04	1.05E-04	3.39E-08	1.02E-07	5.93E-08	7.26E-08	6.58E-08	3.00E-08	2.63E-08	1.13E-09	2.74E-08	6.04E-09	9.86E-09	1.56E-08	2.76E-09	1.38E-08	7.66E-08
1518	494311.06	3858601.99	1.22E-04	1.49E-04	1.31E-04	4.23E-08	1.28E-07	7.39E-08	9.06E-08	8.21E-08	3.75E-08	3.28E-08	1.41E-09	3.41E-08	7.53E-09	1.23E-08	1.95E-08	3.44E-09	1.72E-08	9.55E-08
1519	494361.06	3858601.99	1.28E-04	1.57E-04	1.38E-04	4.45E-08	1.34E-07	7.77E-08	9.52E-08	8.63E-08	3.94E-08	3.45E-08	1.49E-09	3.59E-08	7.92E-09	1.29E-08	2.05E-08	3.61E-09	1.81E-08	1.00E-07
1520	494411.06	3858601.99	1.33E-04	1.63E-04	1.43E-04	4.60E-08	1.39E-07	8.05E-08	9.86E-08	8.94E-08	4.08E-08	3.57E-08	1.54E-09	3.71E-08	8.19E-09	1.34E-08	2.12E-08	3.74E-09	1.87E-08	1.04E-07
1521	494461.06	3858601.99	1.32E-04	1.62E-04	1.42E-04	4.59E-08	1.39E-07	8.02E-08	9.82E-08	8.90E-08	4.06E-08	3.56E-08	1.53E-09	3.70E-08	8.17E-09	1.33E-08	2.12E-08	3.73E-09	1.87E-08	1.04E-07
1522	494511.06	3858601.99	1.31E-04	1.60E-04	1.40E-04	4.53E-08	1.37E-07	7.92E-08	9.70E-08	8.79E-08	4.01E-08	3.52E-08	1.51E-09	3.65E-08	8.06E-09	1.32E-08	2.09E-08	3.68E-09	1.85E-08	1.02E-07
1523	494561.06	3858601.99	1.31E-04	1.60E-04	1.40E-04	4.53E-08	1.37E-07	7.92E-08	9.70E-08	8.79E-08	4.01E-08	3.51E-08	1.51E-09	3.65E-08	8.06E-09	1.32E-08	2.09E-08	3.68E-09	1.84E-08	1.02E-07
1524	494611.06	3858601.99	1.29E-04	1.58E-04	1.38E-04	4.47E-08	1.35E-07	7.81E-08	9.56E-08	8.67E-08	3.96E-08	3.47E-08	1.49E-09	3.60E-08	7.95E-09	1.30E-08	2.06E-08	3.63E-09	1.82E-08	1.01E-07
1525	494661.06	3858601.99	1.28E-04	1.56E-04	1.37E-04	4.42E-08	1.34E-07	7.73E-08	9.47E-08	8.58E-08	3.92E-08	3.43E-08	1.48E-09	3.57E-08	7.87E-09	1.29E-08	2.04E-08	3.59E-09	1.80E-08	9.99E-08
1526	494711.06	3858601.99	1.26E-04	1.54E-04	1.35E-04	4.35E-08	1.31E-07	7.61E-08	9.32E-08	8.45E-08	3.85E-08	3.38E-08	1.45E-09	3.51E-08	7.75E-09	1.27E-08	2.01E-08	3.54E-09	1.77E-08	9.83E-08
1527	494761.06	3858601.99	1.24E-04	1.51E-04	1.33E-04	4.28E-08	1.29E-07	7.49E-08	9.17E-08	8.32E-08	3.79E-08	3.32E-08	1.43E-09	3.46E-08	7.63E-09	1.25E-08	1.98E-08	3.48E-09	1.74E-08	9.68E-08
1528	494811.06	3858601.99	1.21E-04	1.48E-04	1.30E-04	4.18E-08	1.26E-07	7.31E-08	8.96E-08	8.12E-08	3.70E-08	3.25E-08	1.40E-09	3.37E-08	7.45E-09	1.22E-08	1.93E-08	3.40E-09	1.70E-08	9.45E-08
1529	494861.06	3858601.99	1.19E-04	1.46E-04	1.28E-04	4.13E-08	1.25E-07	7.22E-08	8.84E-08	8.01E-08	3.66E-08	3.20E-08	1.38E-09	3.33E-08	7.35E-09	1.20E-08	1.90E-08	3.36E-09	1.68E-08	9.32E-08
1530	494911.06	3858601.99	1.16E-04	1.43E-04	1.25E-04	4.03E-08	1.22E-07	7.05E-08	8.64E-08	7.83E-08	3.57E-08	3.13E-08	1.35E-09	3.25E-08	7.18E-09	1.17E-08	1.86E-08	3.28E-09	1.64E-08	9.11E-08
1531	494961.06	3858601.99	1.15E-04	1.40E-04	1.23E-04	3.97E-08	1.20E-07	6.94E-08	8.50E-08	7.70E-08	3.51E-08	3.08E-08	1.33E-09	3.20E-08	7.06E-09	1.15E-08	1.83E-08	3.23E-09	1.62E-08	8.96E-08
1532	495011.06	3858601.99	1.13E-04	1.38E-04	1.21E-04	3.90E-08	1.18E-07	6.82E-08	8.35E-08	7.57E-08	3.45E-08	3.03E-08	1.30E-09	3.15E-08	6.94E-09	1.13E-08	1.80E-08	3.17E-09	1.59E-08	8.81E-08
1533	495061.06	3858601.99	1.11E-04	1.35E-04	1.19E-04	3.83E-08	1.16E-07	6.69E-08	8.20E-08	7.43E-08	3.39E-08	2.97E-08	1.28E-09	3.09E-08	6.82E-09	1.11E-08	1.77E-08	3.11E-09	1.56E-08	8.65E-08

1534	495111.06	3858601.99	1.07E-04	1.32E-04	1.15E-04	3.72E-08	1.12E-07	6.51E-08	7.97E-08	7.23E-08	3.30E-08	2.89E-08	1.24E-09	3.00E-08	6.63E-09	1.08E-08	1.72E-08	3.03E-09	1.52E-08	8.41E-08
1535	495161.06	3858601.99	1.06E-04	1.30E-04	1.14E-04	3.67E-08	1.11E-07	6.41E-08	7.86E-08	7.12E-08	3.25E-08	2.85E-08	1.23E-09	2.96E-08	6.53E-09	1.07E-08	1.69E-08	2.98E-09	1.49E-08	8.29E-08
1536	495211.06	3858601.99	1.05E-04	1.28E-04	1.13E-04	3.63E-08	1.10E-07	6.35E-08	7.78E-08	7.05E-08	3.22E-08	2.82E-08	1.21E-09	2.93E-08	6.47E-09	1.06E-08	1.68E-08	2.95E-09	1.48E-08	8.21E-08
1537	495261.06	3858601.99	1.04E-04	1.27E-04	1.11E-04	3.59E-08	1.08E-07	6.28E-08	7.69E-08	6.97E-08	3.18E-08	2.79E-08	1.20E-09	2.90E-08	6.39E-09	1.04E-08	1.66E-08	2.92E-09	1.46E-08	8.11E-08
1538	495311.06	3858601.99	1.03E-04	1.26E-04	1.10E-04	3.56E-08	1.08E-07	6.23E-08	7.63E-08	6.91E-08	3.16E-08	2.76E-08	1.19E-09	2.87E-08	6.34E-09	1.04E-08	1.64E-08	2.90E-09	1.45E-08	8.05E-08
1539	495361.06	3858601.99	1.02E-04	1.25E-04	1.10E-04	3.55E-08	1.07E-07	6.20E-08	7.59E-08	6.88E-08	3.14E-08	2.75E-08	1.18E-09	2.86E-08	6.31E-09	1.03E-08	1.64E-08	2.88E-09	1.44E-08	8.01E-08
1540	495411.06	3858601.99	1.02E-04	1.25E-04	1.09E-04	3.53E-08	1.07E-07	6.17E-08	7.56E-08	6.85E-08	3.13E-08	2.74E-08	1.18E-09	2.85E-08	6.28E-09	1.03E-08	1.63E-08	2.87E-09	1.44E-08	7.97E-08
1541	495461.06	3858601.99	1.02E-04	1.24E-04	1.09E-04	3.52E-08	1.06E-07	6.15E-08	7.53E-08	6.83E-08	3.12E-08	2.73E-08	1.17E-09	2.84E-08	6.26E-09	1.02E-08	1.62E-08	2.86E-09	1.43E-08	7.94E-08
1542	495511.06	3858601.99	1.01E-04	1.23E-04	1.08E-04	3.49E-08	1.05E-07	6.10E-08	7.47E-08	6.77E-08	3.09E-08	2.71E-08	1.16E-09	2.81E-08	6.21E-09	1.01E-08	1.61E-08	2.83E-09	1.42E-08	7.88E-08
1543	495561.06	3858601.99	1.01E-04	1.23E-04	1.08E-04	3.48E-08	1.05E-07	6.09E-08	7.46E-08	6.76E-08	3.08E-08	2.70E-08	1.16E-09	2.81E-08	6.20E-09	1.01E-08	1.61E-08	2.83E-09	1.42E-08	7.87E-08
1544	495611.06	3858601.99	9.95E-05	1.22E-04	1.07E-04	3.45E-08	1.04E-07	6.02E-08	7.38E-08	6.69E-08	3.05E-08	2.67E-08	1.15E-09	2.78E-08	6.13E-09	1.00E-08	1.59E-08	2.80E-09	1.40E-08	7.78E-08
1545	495661.06	3858601.99	9.92E-05	1.21E-04	1.06E-04	3.44E-08	1.04E-07	6.01E-08	7.36E-08	6.67E-08	3.04E-08	2.67E-08	1.15E-09	2.77E-08	6.12E-09	9.99E-09	1.58E-08	2.79E-09	1.40E-08	7.76E-08
1546	494311.06	3858651.99	1.21E-04	1.48E-04	1.29E-04	4.18E-08	1.26E-07	7.31E-08	8.95E-08	8.11E-08	3.70E-08	3.24E-08	1.40E-09	3.37E-08	7.44E-09	1.21E-08	1.93E-08	3.40E-09	1.70E-08	9.44E-08
1547	494361.06	3858651.99	1.27E-04	1.55E-04	1.36E-04	4.39E-08	1.33E-07	7.68E-08	9.40E-08	8.52E-08	3.89E-08	3.41E-08	1.47E-09	3.54E-08	7.82E-09	1.28E-08	2.03E-08	3.57E-09	1.79E-08	9.92E-08
1548	494411.06	3858651.99	1.34E-04	1.64E-04	1.43E-04	4.63E-08	1.40E-07	8.10E-08	9.92E-08	8.99E-08	4.10E-08	3.60E-08	1.55E-09	3.74E-08	8.25E-09	1.35E-08	2.14E-08	3.77E-09	1.89E-08	1.05E-07
1549	494461.06	3858651.99	1.34E-04	1.64E-04	1.44E-04	4.65E-08	1.40E-07	8.13E-08	9.96E-08	9.03E-08	4.12E-08	3.61E-08	1.55E-09	3.75E-08	8.28E-09	1.35E-08	2.15E-08	3.78E-09	1.89E-08	1.05E-07
1550	494511.06	3858651.99	1.33E-04	1.63E-04	1.43E-04	4.61E-08	1.39E-07	8.06E-08	9.88E-08	8.95E-08	4.09E-08	3.58E-08	1.54E-09	3.72E-08	8.21E-09	1.34E-08	2.13E-08	3.75E-09	1.88E-08	1.04E-07
1551	494561.06	3858651.99	1.32E-04	1.62E-04	1.42E-04	4.59E-08	1.39E-07	8.02E-08	9.83E-08	8.91E-08	4.06E-08	3.56E-08	1.53E-09	3.70E-08	8.17E-09	1.33E-08	2.12E-08	3.73E-09	1.87E-08	1.04E-07
1552	494611.06	3858651.99	1.31E-04	1.61E-04	1.41E-04	4.55E-08	1.37E-07	7.96E-08	9.75E-08	8.83E-08	4.03E-08	3.53E-08	1.52E-09	3.67E-08	8.10E-09	1.32E-08	2.10E-08	3.70E-09	1.85E-08	1.03E-07
1553	494661.06	3858651.99	1.30E-04	1.59E-04	1.39E-04	4.49E-08	1.36E-07	7.86E-08	9.62E-08	8.72E-08	3.98E-08	3.49E-08	1.50E-09	3.63E-08	8.00E-09	1.31E-08	2.07E-08	3.65E-09	1.83E-08	1.02E-07
1554	494711.06	3858651.99	1.27E-04	1.56E-04	1.37E-04	4.42E-08	1.33E-07	7.72E-08	9.45E-08	8.57E-08	3.91E-08	3.43E-08	1.47E-09	3.56E-08	7.86E-09	1.28E-08	2.04E-08	3.59E-09	1.80E-08	9.97E-08
1555	494761.06	3858651.99	1.26E-04	1.54E-04	1.35E-04	4.35E-08	1.31E-07	7.61E-08	9.32E-08	8.45E-08	3.86E-08	3.38E-08	1.45E-09	3.51E-08	7.75E-09	1.27E-08	2.01E-08	3.54E-09	1.77E-08	9.83E-08
1556	494811.06	3858651.99	1.23E-04	1.51E-04	1.32E-04	4.26E-08	1.29E-07	7.45E-08	9.13E-08	8.28E-08	3.78E-08	3.31E-08	1.42E-09	3.44E-08	7.59E-09	1.24E-08	1.97E-08	3.47E-09	1.74E-08	9.63E-08
1557	494861.06	3858651.99	1.21E-04	1.48E-04	1.29E-04	4.18E-08	1.26E-07	7.31E-08	8.95E-08	8.11E-08	3.70E-08	3.24E-08	1.40E-09	3.37E-08	7.44E-09	1.22E-08	1.93E-08	3.40E-09	1.70E-08	9.44E-08
1558	494911.06	3858651.99	1.18E-04	1.45E-04	1.27E-04	4.09E-08	1.23E-07	7.15E-08	8.76E-08	7.94E-08	3.62E-08	3.17E-08	1.37E-09	3.30E-08	7.28E-09	1.19E-08	1.89E-08	3.32E-09	1.67E-08	9.24E-08
1559	494961.06	3858651.99	1.16E-04	1.42E-04	1.24E-04	4.01E-08	1.21E-07	7.01E-08	8.58E-08	7.78E-08	3.55E-08	3.11E-08	1.34E-09	3.23E-08	7.13E-09	1.16E-08	1.85E-08	3.26E-09	1.63E-08	9.05E-08
1560	495011.06	3858651.99	1.14E-04	1.39E-04	1.22E-04	3.94E-08	1.19E-07	6.89E-08	8.44E-08	7.66E-08	3.49E-08	3.06E-08	1.32E-09	3.18E-08	7.02E-09	1.15E-08	1.82E-08	3.21E-09	1.61E-08	8.91E-08
1561	495061.06	3858651.99	1.12E-04	1.37E-04	1.20E-04	3.87E-08	1.17E-07	6.77E-08	8.29E-08	7.52E-08	3.43E-08	3.01E-08	1.29E-09	3.12E-08	6.89E-09	1.13E-08	1.79E-08	3.15E-09	1.58E-08	8.75E-08
1562	495111.06	3858651.99	1.09E-04	1.34E-04	1.17E-04	3.79E-08	1.14E-07	6.62E-08	8.11E-08	7.35E-08	3.36E-08	2.94E-08	1.27E-09	3.06E-08	6.74E-09	1.10E-08	1.75E-08	3.08E-09	1.54E-08	8.56E-08
1563	495161.06	3858651.99	1.08E-04	1.32E-04	1.16E-04	3.74E-08	1.13E-07	6.53E-08	8.00E-08	7.25E-08	3.31E-08	2.90E-08	1.25E-09	3.01E-08	6.65E-09	1.09E-08	1.72E-08	3.04E-09	1.52E-08	8.44E-08
1564	495211.06	3858651.99	1.06E-04	1.30E-04	1.14E-04	3.67E-08	1.11E-07	6.42E-08	7.86E-08	7.13E-08	3.25E-08	2.85E-08	1.23E-09	2.96E-08	6.54E-09	1.07E-08	1.69E-08	2.99E-09	1.50E-08	8.30E-08
1565	495261.06	3858651.99	1.05E-04	1.29E-04	1.13E-04	3.66E-08	1.10E-07	6.39E-08	7.83E-08	7.10E-08	3.24E-08	2.84E-08	1.22E-09	2.95E-08	6.51E-09	1.06E-08	1.69E-08	2.97E-09	1.49E-08	8.26E-08
1566	495311.06	3858651.99	1.05E-04	1.28E-04	1.12E-04	3.62E-08	1.09E-07	6.33E-08	7.76E-08	7.03E-08	3.21E-08	2.81E-08	1.21E-09	2.92E-08	6.45E-09	1.05E-08	1.67E-08	2.95E-09	1.48E-08	8.18E-08
1567	495361.06	3858651.99	1.04E-04	1.27E-04	1.12E-04	3.61E-08	1.09E-07	6.30E-08	7.72E-08	7.00E-08	3.19E-08	2.80E-08	1.20E-09	2.91E-08	6.42E-09	1.05E-08	1.66E-08	2.93E-09	1.47E-08	8.14E-08
1568	495411.06	3858651.99	1.04E-04	1.27E-04	1.11E-04	3.60E-08	1.09E-07	6.28E-08	7.70E-08	6.98E-08	3.18E-08	2.79E-08	1.20E-09	2.90E-08	6.40E-09	1.04E-08	1.66E-08	2.92E-09	1.46E-08	8.12E-08
1569	495461.06	3858651.99	1.04E-04	1.27E-04	1.11E-04	3.59E-08	1.08E-07	6.28E-08	7.69E-08	6.97E-08	3.18E-08	2.79E-08	1.20E-09	2.90E-08	6.39E-09	1.04E-08	1.66E-08	2.92E-09	1.46E-08	8.11E-08
1570	495511.06	3858651.99	1.03E-04	1.26E-04	1.10E-04	3.56E-08	1.07E-07	6.21E-08	7.61E-08	6.90E-08	3.15E-08	2.76E-08	1.19E-09	2.87E-08	6.33E-09	1.03E-08	1.64E-08	2.89E-09	1.45E-08	8.03E-08
1571	495561.06	3858651.99	1.02E-04	1.25E-04	1.09E-04	3.53E-08	1.07E-07	6.17E-08	7.56E-08	6.85E-08	3.13E-08	2.74E-08	1.18E-09	2.85E-08	6.28E-09	1.03E-08	1.63E-08	2.87E-09	1.44E-08	7.97E-08
1572	495611.06	3858651.99	1.01E-04	1.23E-04	1.08E-04	3.49E-08	1.05E-07	6.10E-08	7.47E-08	6.77E-08	3.09E-08	2.71E-08	1.16E-09	2.81E-08	6.21E-09	1.01E-08	1.61E-08	2.83E-09	1.42E-08	7.88E-08
1573	495661.06	3858651.99	1.00E-04	1.23E-04	1.08E-04	3.48E-08	1.05E-07	6.08E-08	7.44E-08	6.75E-08	3.08E-08	2.70E-08	1.16E-09	2.80E-08	6.19E-09	1.01E-08	1.60E-08	2.82E-09	1.42E-08	7.85E-08
1574	494311.06	3858701.99	1.22E-04	1.50E-04	1.31E-04	4.23E-08	1.28E-07	7.40E-08	9.06E-08	8.21E-08	3.75E-08	3.28E-08	1.41E-09	3.41E-08	7.53E-09	1.23E-08	1.95E-08	3.44E-09	1.72E-08	9.56E-08
1575	494361.06	3858701.99	1.31E-04	1.60E-04	1.40E-04	4.53E-08	1.37E-07	7.91E-08	9.69E-08	8.78E-08	4.01E-08	3.51E-08	1.51E-09	3.65E-08	8.06E-09	1.32E-08	2.09E-08	3.68E-09	1.84E-08	1.02E-07
1576	494411.06	3858701.99	1.35E-04	1.66E-04	1.45E-04	4.69E-08	1.42E-07	8.20E-08	1.00E-07	9.10E-08	4.15E-08	3.64E-08	1.57E-09	3.78E-08	8.35E-09	1.36E-08	2.16E-08	3.81E-09	1.91E-08	1.06E-07
1577	494461.06	3858701.99	1.35E-04	1.66E-04	1.45E-04	4.69E-08	1.42E-07	8.19E-08	1.00E-07	9.10E-08	4.15E-08	3.64E-08	1.57E-09	3.78E-08	8.34E-09	1.36E-08	2.16E-08	3.81E-09	1.91E-08	1.06E-07
1578	494511.06	3858701.99	1.35E-04	1.65E-04	1.45E-04	4.68E-08	1.41E-07	8.18E-08	1.00E-07	9.08E-08	4.14E-08	3.63E-08	1.56E-09	3.77E-08	8.33E-09	1.36E-08	2.16E-08	3.80E-09	1.90E-08	1.06E-07
1579	494561.06	3858701.99	1.34E-04	1.64E-04	1.44E-04	4.64E-08	1.40E-07	8.11E-08	9.94E-08	9.01E-08	4.11E-08	3.60E-08	1.55E-09	3.74E-08	8.26E-09	1.35E-08	2.14E-08	3.77E-09	1.89E-08	1.05E-07
1580	494611.06	3858701.99	1.31E-04	1.61E-04	1.41E-04	4.55E-08	1.37E-07	7.95E-08	9.74E-08	8.83E-08	4.03E-08	3.53E-08	1.52E-09	3.67E-08	8.10E-09	1.32E-08	2.10E-08	3.70E-09	1.85E-08	1.03E-07
1581	494661.06	3858701.99	1.31E-04	1.60E-04	1.41E-04	4.54E-08	1.37E-07	7.94E-08	9.72E-08	8.81E-08	4.02E-08	3.52E-08	1.52E-09	3.66E-08	8.08E-09	1.32E-08	2.09E-08	3.69E-09	1.85E-08	1.03E-07
1582	494711.06	3858701.99	1.25E-04	1.53E-04	1.34E-04	4.34E-08	1.31E-07	7.59E-08	9.30E-08	8.43E-08	3.85E-08	3.37E-08	1.45E-09	3.50E-08	7.73E-09	1.26E-08	2.00E-08	3.53E-09	1.77E-08	9.81E-08
1583	494761.06	3858701.99	1.26E-04	1.55E-04	1.36E-04	4.38E-08	1.32E-07	7.66E-08	9.38E-08	8.50E-08	3.88E-08	3.40E-08	1.46E-09	3.53E-08	7.80E-09	1.27E-08	2.02E-08	3.56E-09	1.78E-08	9.89E-08
1584	494811.06	3858701.99	1.24E-04	1.52E-04	1.33E-04	4.29E-08	1.30E-07	7.50E-08	9.18E-08	8.33E-08	3.80E-08	3.33E-08	1.43E-09	3.46E-08	7.64E-09	1.25E-08	1.98E-08	3.49E-09	1.75E-08	9.69E-08
1585	494861.06	3858701.99	1.22E-04	1.49E-04	1.31E-04	4.22E-08	1.27E-07	7.37E-08	9.03E-08	8.19E-08	3.73E-08	3.27E-08	1.41E-09	3.40E-08	7.51E-09	1.23E-08	1.94E-08	3.43E-09	1.72E-08	9.52E-08
1586	494911.06	3858701.99	1.20E-04	1.47E-04	1.29E-04	4.15E-08	1.25E-07	7.26E-08	8.90E-08	8.06E-08	3.68E-08	3.22E-08	1.39E-09	3.35E-08	7.40E-09	1.21E-08	1.92E-08	3.38E-09	1.69E-08	9.38E-08
1587	494961.06	3858701.99	1.16E-04	1.42E-04	1.25E-04	4.03E-08	1.22E-07	7.05E-08	8.63E-08	7.82E-08	3.57E-08	3.13E-08	1.35E-09	3.25E-08	7.18E-09	1.17E-08	1.86E-08	3.28E-09	1.64E-08	9.10E-08
1588	495011.06	3858701.99	1.14E-04	1.40E-04	1.22E-04	3.95E-08	1.19E-07	6.91E-08	8.47E-08	7.67E-08	3.50E-08	3.07E-08	1.32E-09	3.19E-08	7.04E-09	1.15E-08	1.82E-08	3.21E-09	1.61E-08	8.93E-08

1589	495061.06	3858701.99	1.13E-04	1.39E-04	1.21E-04	3.92E-08	1.18E-07	6.85E-08	8.39E-08	7.61E-08	3.47E-08	3.04E-08	1.31E-09	3.16E-08	6.98E-09	1.14E-08	1.81E-08	3.19E-09	1.60E-08	8.85E-08
1590	495111.06	3858701.99	1.10E-04	1.35E-04	1.19E-04	3.83E-08	1.16E-07	6.69E-08	8.20E-08	7.43E-08	3.39E-08	2.97E-08	1.28E-09	3.09E-08	6.82E-09	1.11E-08	1.77E-08	3.11E-09	1.56E-08	8.65E-08
1591	495161.06	3858701.99	1.09E-04	1.34E-04	1.17E-04	3.79E-08	1.14E-07	6.62E-08	8.10E-08	7.35E-08	3.35E-08	2.94E-08	1.26E-09	3.05E-08	6.74E-09	1.10E-08	1.75E-08	3.08E-09	1.54E-08	8.55E-08
1592	495211.06	3858701.99	1.07E-04	1.32E-04	1.15E-04	3.72E-08	1.12E-07	6.51E-08	7.97E-08	7.23E-08	3.30E-08	2.89E-08	1.24E-09	3.00E-08	6.63E-09	1.08E-08	1.72E-08	3.03E-09	1.52E-08	8.41E-08
1593	495261.06	3858701.99	1.07E-04	1.31E-04	1.15E-04	3.71E-08	1.12E-07	6.48E-08	7.94E-08	7.20E-08	3.28E-08	2.88E-08	1.24E-09	2.99E-08	6.60E-09	1.08E-08	1.71E-08	3.01E-09	1.51E-08	8.38E-08
1594	495311.06	3858701.99	1.07E-04	1.31E-04	1.14E-04	3.69E-08	1.12E-07	6.46E-08	7.91E-08	7.17E-08	3.27E-08	2.87E-08	1.23E-09	2.98E-08	6.58E-09	1.07E-08	1.70E-08	3.00E-09	1.50E-08	8.34E-08
1595	495361.06	3858701.99	1.06E-04	1.30E-04	1.14E-04	3.67E-08	1.11E-07	6.41E-08	7.86E-08	7.12E-08	3.25E-08	2.85E-08	1.23E-09	2.96E-08	6.53E-09	1.07E-08	1.69E-08	2.98E-09	1.49E-08	8.29E-08
1596	495411.06	3858701.99	1.06E-04	1.30E-04	1.13E-04	3.66E-08	1.11E-07	6.40E-08	7.85E-08	7.11E-08	3.24E-08	2.84E-08	1.22E-09	2.96E-08	6.52E-09	1.07E-08	1.69E-08	2.98E-09	1.49E-08	8.28E-08
1597	495461.06	3858701.99	1.05E-04	1.29E-04	1.13E-04	3.65E-08	1.10E-07	6.37E-08	7.81E-08	7.08E-08	3.23E-08	2.83E-08	1.22E-09	2.94E-08	6.49E-09	1.06E-08	1.68E-08	2.96E-09	1.48E-08	8.23E-08
1598	495511.06	3858701.99	1.04E-04	1.28E-04	1.12E-04	3.62E-08	1.09E-07	6.32E-08	7.74E-08	7.02E-08	3.20E-08	2.81E-08	1.21E-09	2.92E-08	6.44E-09	1.05E-08	1.67E-08	2.94E-09	1.47E-08	8.17E-08
1599	495561.06	3858701.99	1.03E-04	1.27E-04	1.11E-04	3.58E-08	1.08E-07	6.26E-08	7.67E-08	6.95E-08	3.17E-08	2.78E-08	1.20E-09	2.89E-08	6.38E-09	1.04E-08	1.65E-08	2.91E-09	1.46E-08	8.09E-08
1600	495611.06	3858701.99	1.02E-04	1.25E-04	1.10E-04	3.55E-08	1.07E-07	6.20E-08	7.59E-08	6.88E-08	3.14E-08	2.75E-08	1.18E-09	2.86E-08	6.31E-09	1.03E-08	1.64E-08	2.88E-09	1.44E-08	8.01E-08
1601	495661.06	3858701.99	1.02E-04	1.25E-04	1.09E-04	3.52E-08	1.06E-07	6.16E-08	7.55E-08	6.84E-08	3.12E-08	2.74E-08	1.18E-09	2.84E-08	6.27E-09	1.02E-08	1.63E-08	2.86E-09	1.44E-08	7.96E-08
1602	494311.06	3858751.99	1.24E-04	1.52E-04	1.33E-04	4.30E-08	1.30E-07	7.52E-08	9.21E-08	8.35E-08	3.81E-08	3.34E-08	1.44E-09	3.47E-08	7.66E-09	1.25E-08	1.98E-08	3.50E-09	1.75E-08	9.71E-08
1603	494361.06	3858751.99	1.34E-04	1.64E-04	1.44E-04	4.64E-08	1.40E-07	8.11E-08	9.93E-08	9.00E-08	4.11E-08	3.60E-08	1.55E-09	3.74E-08	8.25E-09	1.35E-08	2.14E-08	3.77E-09	1.89E-08	1.05E-07
1604	494411.06	3858751.99	1.37E-04	1.68E-04	1.47E-04	4.76E-08	1.44E-07	8.32E-08	1.02E-07	9.24E-08	4.21E-08	3.69E-08	1.59E-09	3.84E-08	8.47E-09	1.38E-08	2.19E-08	3.87E-09	1.94E-08	1.07E-07
1605	494461.06	3858751.99	1.37E-04	1.68E-04	1.47E-04	4.75E-08	1.44E-07	8.31E-08	1.02E-07	9.22E-08	4.21E-08	3.69E-08	1.59E-09	3.83E-08	8.46E-09	1.38E-08	2.19E-08	3.86E-09	1.94E-08	1.07E-07
1606	494511.06	3858751.99	1.37E-04	1.68E-04	1.47E-04	4.76E-08	1.44E-07	8.31E-08	1.02E-07	9.23E-08	4.21E-08	3.69E-08	1.59E-09	3.84E-08	8.47E-09	1.38E-08	2.19E-08	3.87E-09	1.94E-08	1.07E-07
1607	494561.06	3858751.99	1.36E-04	1.66E-04	1.46E-04	4.70E-08	1.42E-07	8.21E-08	1.01E-07	9.12E-08	4.16E-08	3.65E-08	1.57E-09	3.79E-08	8.36E-09	1.37E-08	2.17E-08	3.82E-09	1.91E-08	1.06E-07
1608	494611.06	3858751.99	1.33E-04	1.63E-04	1.43E-04	4.62E-08	1.40E-07	8.08E-08	9.90E-08	8.97E-08	4.09E-08	3.59E-08	1.54E-09	3.73E-08	8.23E-09	1.34E-08	2.13E-08	3.76E-09	1.88E-08	1.04E-07
1609	494661.06	3858751.99	1.32E-04	1.62E-04	1.42E-04	4.58E-08	1.38E-07	8.00E-08	9.80E-08	8.88E-08	4.05E-08	3.55E-08	1.53E-09	3.69E-08	8.15E-09	1.33E-08	2.11E-08	3.72E-09	1.86E-08	1.03E-07
1610	494711.06	3858751.99	1.29E-04	1.58E-04	1.38E-04	4.46E-08	1.35E-07	7.80E-08	9.56E-08	8.66E-08	3.95E-08	3.46E-08	1.49E-09	3.60E-08	7.95E-09	1.30E-08	2.06E-08	3.63E-09	1.82E-08	1.01E-07
1611	494761.06	3858751.99	1.28E-04	1.57E-04	1.37E-04	4.43E-08	1.34E-07	7.74E-08	9.48E-08	8.59E-08	3.92E-08	3.44E-08	1.48E-09	3.57E-08	7.88E-09	1.29E-08	2.04E-08	3.60E-09	1.80E-08	1.00E-07
1612	494811.06	3858751.99	1.25E-04	1.53E-04	1.34E-04	4.33E-08	1.31E-07	7.57E-08	9.27E-08	8.40E-08	3.84E-08	3.36E-08	1.45E-09	3.49E-08	7.71E-09	1.26E-08	2.00E-08	3.52E-09	1.76E-08	9.78E-08
1613	494861.06	3858751.99	1.22E-04	1.50E-04	1.31E-04	4.25E-08	1.28E-07	7.42E-08	9.09E-08	8.24E-08	3.76E-08	3.29E-08	1.42E-09	3.42E-08	7.56E-09	1.23E-08	1.96E-08	3.45E-09	1.73E-08	9.59E-08
1614	494911.06	3858751.99	1.20E-04	1.47E-04	1.29E-04	4.15E-08	1.25E-07	7.26E-08	8.89E-08	8.06E-08	3.68E-08	3.22E-08	1.39E-09	3.35E-08	7.39E-09	1.21E-08	1.91E-08	3.37E-09	1.69E-08	9.37E-08
1615	494961.06	3858751.99	1.18E-04	1.44E-04	1.26E-04	4.08E-08	1.23E-07	7.14E-08	8.74E-08	7.92E-08	3.62E-08	3.17E-08	1.36E-09	3.29E-08	7.27E-09	1.19E-08	1.88E-08	3.32E-09	1.66E-08	9.22E-08
1616	495011.06	3858751.99	1.16E-04	1.43E-04	1.25E-04	4.04E-08	1.22E-07	7.06E-08	8.64E-08	7.83E-08	3.57E-08	3.13E-08	1.35E-09	3.26E-08	7.18E-09	1.17E-08	1.86E-08	3.28E-09	1.64E-08	9.12E-08
1617	495061.06	3858751.99	1.14E-04	1.40E-04	1.23E-04	3.97E-08	1.20E-07	6.93E-08	8.49E-08	7.70E-08	3.51E-08	3.08E-08	1.32E-09	3.20E-08	7.06E-09	1.15E-08	1.83E-08	3.22E-09	1.62E-08	8.96E-08
1618	495111.06	3858751.99	1.12E-04	1.37E-04	1.20E-04	3.88E-08	1.17E-07	6.79E-08	8.32E-08	7.54E-08	3.44E-08	3.01E-08	1.30E-09	3.13E-08	6.91E-09	1.13E-08	1.79E-08	3.16E-09	1.58E-08	8.77E-08
1619	495161.06	3858751.99	1.11E-04	1.36E-04	1.19E-04	3.84E-08	1.16E-07	6.71E-08	8.21E-08	7.45E-08	3.40E-08	2.98E-08	1.28E-09	3.09E-08	6.83E-09	1.12E-08	1.77E-08	3.12E-09	1.56E-08	8.67E-08
1620	495211.06	3858751.99	1.09E-04	1.33E-04	1.17E-04	3.78E-08	1.14E-07	6.60E-08	8.09E-08	7.33E-08	3.34E-08	2.93E-08	1.26E-09	3.05E-08	6.72E-09	1.10E-08	1.74E-08	3.07E-09	1.54E-08	8.53E-08
1621	495261.06	3858751.99	1.08E-04	1.33E-04	1.16E-04	3.76E-08	1.13E-07	6.57E-08	8.05E-08	7.29E-08	3.33E-08	2.92E-08	1.26E-09	3.03E-08	6.69E-09	1.09E-08	1.73E-08	3.05E-09	1.53E-08	8.49E-08
1622	495311.06	3858751.99	1.08E-04	1.32E-04	1.16E-04	3.74E-08	1.13E-07	6.55E-08	8.02E-08	7.27E-08	3.32E-08	2.91E-08	1.25E-09	3.02E-08	6.67E-09	1.09E-08	1.73E-08	3.04E-09	1.52E-08	8.46E-08
1623	495361.06	3858751.99	1.07E-04	1.32E-04	1.15E-04	3.72E-08	1.12E-07	6.51E-08	7.97E-08	7.22E-08	3.30E-08	2.89E-08	1.24E-09	3.00E-08	6.62E-09	1.08E-08	1.72E-08	3.02E-09	1.52E-08	8.41E-08
1624	495411.06	3858751.99	1.07E-04	1.32E-04	1.15E-04	3.72E-08	1.12E-07	6.50E-08	7.97E-08	7.22E-08	3.30E-08	2.89E-08	1.24E-09	3.00E-08	6.62E-09	1.08E-08	1.72E-08	3.02E-09	1.52E-08	8.40E-08
1625	495461.06	3858751.99	1.07E-04	1.31E-04	1.15E-04	3.70E-08	1.12E-07	6.47E-08	7.93E-08	7.19E-08	3.28E-08	2.87E-08	1.24E-09	2.99E-08	6.59E-09	1.08E-08	1.71E-08	3.01E-09	1.51E-08	8.36E-08
1626	495511.06	3858751.99	1.06E-04	1.30E-04	1.14E-04	3.67E-08	1.11E-07	6.42E-08	7.86E-08	7.13E-08	3.25E-08	2.85E-08	1.23E-09	2.96E-08	6.54E-09	1.07E-08	1.69E-08	2.99E-09	1.50E-08	8.30E-08
1627	495561.06	3858751.99	1.05E-04	1.29E-04	1.13E-04	3.64E-08	1.10E-07	6.36E-08	7.79E-08	7.06E-08	3.22E-08	2.82E-08	1.22E-09	2.94E-08	6.48E-09	1.06E-08	1.68E-08	2.96E-09	1.48E-08	8.22E-08
1628	495611.06	3858751.99	1.04E-04	1.27E-04	1.12E-04	3.61E-08	1.09E-07	6.30E-08	7.72E-08	7.00E-08	3.19E-08	2.80E-08	1.20E-09	2.91E-08	6.42E-09	1.05E-08	1.66E-08	2.93E-09	1.47E-08	8.14E-08
1629	495661.06	3858751.99	1.03E-04	1.27E-04	1.11E-04	3.58E-08	1.08E-07	6.26E-08	7.66E-08	6.95E-08	3.17E-08	2.78E-08	1.20E-09	2.89E-08	6.37E-09	1.04E-08	1.65E-08	2.91E-09	1.46E-08	8.08E-08
1630	494311.06	3858801.99	1.28E-04	1.57E-04	1.37E-04	4.44E-08	1.34E-07	7.75E-08	9.50E-08	8.61E-08	3.93E-08	3.44E-08	1.48E-09	3.58E-08	7.89E-09	1.29E-08	2.05E-08	3.60E-09	1.81E-08	1.00E-07
1631	494361.06	3858801.99	1.36E-04	1.67E-04	1.46E-04	4.72E-08	1.42E-07	8.25E-08	1.01E-07	9.16E-08	4.18E-08	3.66E-08	1.58E-09	3.81E-08	8.40E-09	1.37E-08	2.18E-08	3.83E-09	1.92E-08	1.07E-07
1632	494411.06	3858801.99	1.38E-04	1.69E-04	1.48E-04	4.78E-08	1.44E-07	8.35E-08	1.02E-07	9.28E-08	4.23E-08	3.71E-08	1.60E-09	3.86E-08	8.51E-09	1.39E-08	2.20E-08	3.88E-09	1.95E-08	1.08E-07
1633	494461.06	3858801.99	1.39E-04	1.70E-04	1.49E-04	4.80E-08	1.45E-07	8.40E-08	1.03E-07	9.32E-08	4.25E-08	3.73E-08	1.60E-09	3.87E-08	8.55E-09	1.40E-08	2.21E-08	3.90E-09	1.96E-08	1.08E-07
1634	494511.06	3858801.99	1.39E-04	1.70E-04	1.49E-04	4.81E-08	1.45E-07	8.41E-08	1.03E-07	9.34E-08	4.26E-08	3.73E-08	1.61E-09	3.88E-08	8.57E-09	1.40E-08	2.22E-08	3.91E-09	1.96E-08	1.09E-07
1635	494561.06	3858801.99	1.38E-04	1.69E-04	1.48E-04	4.79E-08	1.45E-07	8.37E-08	1.02E-07	9.29E-08	4.24E-08	3.71E-08	1.60E-09	3.86E-08	8.52E-09	1.39E-08	2.21E-08	3.89E-09	1.95E-08	1.08E-07
1636	494611.06	3858801.99	1.37E-04	1.67E-04	1.47E-04	4.74E-08	1.43E-07	8.28E-08	1.01E-07	9.20E-08	4.20E-08	3.68E-08	1.58E-09	3.82E-08	8.43E-09	1.38E-08	2.18E-08	3.85E-09	1.93E-08	1.07E-07
1637	494661.06	3858801.99	1.34E-04	1.65E-04	1.44E-04	4.66E-08	1.41E-07	8.14E-08	9.98E-08	9.04E-08	4.13E-08	3.62E-08	1.56E-09	3.76E-08	8.29E-09	1.35E-08	2.15E-08	3.79E-09	1.90E-08	1.05E-07
1638	494711.06	3858801.99	1.32E-04	1.61E-04	1.41E-04	4.57E-08	1.38E-07	7.98E-08	9.78E-08	8.86E-08	4.04E-08	3.54E-08	1.52E-09	3.68E-08	8.13E-09	1.33E-08	2.11E-08	3.71E-09	1.86E-08	1.03E-07
1639	494761.06	3858801.99	1.29E-04	1.58E-04	1.38E-04	4.46E-08	1.35E-07	7.79E-08	9.54E-08	8.65E-08	3.95E-08	3.46E-08	1.49E-09	3.60E-08	7.93E-09	1.30E-08	2.06E-08	3.62E-09	1.82E-08	1.01E-07
1640	494811.06	3858801.99	1.25E-04	1.54E-04	1.35E-04	4.35E-08	1.31E-07	7.60E-08	9.30E-08	8.43E-08	3.85E-08	3.37E-08	1.45E-09	3.51E-08	7.73E-09	1.26E-08	2.00E-08	3.53E-09	1.77E-08	9.81E-08
1641	494861.06	3858801.99	1.24E-04	1.51E-04	1.33E-04	4.29E-08	1.29E-07	7.49E-08	9.18E-08	8.32E-08	3.80E-08	3.33E-08	1.43E-09	3.46E-08	7.63E-09	1.25E-08	1.98E-08	3.48E-09	1.75E-08	9.68E-08
1642	494911.06	3858801.99	1.21E-04	1.48E-04	1.30E-04	4.20E-08	1.27E-07	7.33E-08	8.98E-08	8.14E-08	3.72E-08	3.26E-08	1.40E-09	3.38E-08	7.47E-09	1.22E-08	1.93E-08	3.41E-09	1.71E-08	9.47E-08
1643	494961.06	3858801.99	1.19E-04	1.46E-04	1.28E-04	4.13E-08	1.25E-07	7.22E-08	8.84E-08	8.01E-08	3.66E-08	3.20E-08	1.38E-09	3.33E-08	7.35E-09	1.20E-08	1.90E-08	3.36E-09	1.68E-08	9.32E-08

1644	495011.06	3858801.99	1.17E-04	1.43E-04	1.26E-04	4.06E-08	1.23E-07	7.09E-08	8.69E-08	7.88E-08	3.59E-08	3.15E-08	1.36E-09	3.27E-08	7.22E-09	1.18E-08	1.87E-08	3.30E-09	1.65E-08	9.16E-08
1645	495061.06	3858801.99	1.16E-04	1.42E-04	1.24E-04	4.01E-08	1.21E-07	7.02E-08	8.59E-08	7.79E-08	3.55E-08	3.11E-08	1.34E-09	3.24E-08	7.14E-09	1.17E-08	1.85E-08	3.26E-09	1.63E-08	9.06E-08
1646	495111.06	3858801.99	1.13E-04	1.39E-04	1.21E-04	3.92E-08	1.18E-07	6.86E-08	8.40E-08	7.61E-08	3.47E-08	3.04E-08	1.31E-09	3.16E-08	6.98E-09	1.14E-08	1.81E-08	3.19E-09	1.60E-08	8.86E-08
1647	495161.06	3858801.99	1.11E-04	1.36E-04	1.19E-04	3.86E-08	1.16E-07	6.74E-08	8.26E-08	7.49E-08	3.42E-08	2.99E-08	1.29E-09	3.11E-08	6.87E-09	1.12E-08	1.78E-08	3.13E-09	1.57E-08	8.71E-08
1648	495211.06	3858801.99	1.10E-04	1.35E-04	1.18E-04	3.82E-08	1.15E-07	6.68E-08	8.18E-08	7.42E-08	3.38E-08	2.97E-08	1.28E-09	3.08E-08	6.80E-09	1.11E-08	1.76E-08	3.11E-09	1.56E-08	8.63E-08
1649	495261.06	3858801.99	1.10E-04	1.35E-04	1.18E-04	3.81E-08	1.15E-07	6.65E-08	8.15E-08	7.39E-08	3.37E-08	2.95E-08	1.27E-09	3.07E-08	6.77E-09	1.11E-08	1.76E-08	3.09E-09	1.55E-08	8.60E-08
1650	495311.06	3858801.99	1.10E-04	1.34E-04	1.18E-04	3.80E-08	1.15E-07	6.64E-08	8.13E-08	7.37E-08	3.36E-08	2.95E-08	1.27E-09	3.06E-08	6.76E-09	1.10E-08	1.75E-08	3.09E-09	1.55E-08	8.57E-08
1651	495361.06	3858801.99	1.09E-04	1.33E-04	1.17E-04	3.78E-08	1.14E-07	6.60E-08	8.08E-08	7.33E-08	3.34E-08	2.93E-08	1.26E-09	3.05E-08	6.72E-09	1.10E-08	1.74E-08	3.07E-09	1.54E-08	8.53E-08
1652	495411.06	3858801.99	1.09E-04	1.34E-04	1.17E-04	3.79E-08	1.14E-07	6.62E-08	8.10E-08	7.35E-08	3.35E-08	2.94E-08	1.26E-09	3.05E-08	6.74E-09	1.10E-08	1.75E-08	3.08E-09	1.54E-08	8.55E-08
1653	495461.06	3858801.99	1.09E-04	1.33E-04	1.17E-04	3.76E-08	1.14E-07	6.58E-08	8.05E-08	7.30E-08	3.33E-08	2.92E-08	1.26E-09	3.03E-08	6.70E-09	1.09E-08	1.73E-08	3.06E-09	1.53E-08	8.50E-08
1654	495511.06	3858801.99	1.08E-04	1.32E-04	1.15E-04	3.73E-08	1.13E-07	6.52E-08	7.98E-08	7.23E-08	3.30E-08	2.89E-08	1.24E-09	3.01E-08	6.63E-09	1.08E-08	1.72E-08	3.03E-09	1.52E-08	8.42E-08
1655	495561.06	3858801.99	1.07E-04	1.31E-04	1.15E-04	3.70E-08	1.12E-07	6.47E-08	7.92E-08	7.18E-08	3.28E-08	2.87E-08	1.24E-09	2.98E-08	6.59E-09	1.08E-08	1.71E-08	3.01E-09	1.51E-08	8.36E-08
1656	495611.06	3858801.99	1.06E-04	1.29E-04	1.13E-04	3.66E-08	1.10E-07	6.39E-08	7.83E-08	7.10E-08	3.24E-08	2.84E-08	1.22E-09	2.95E-08	6.51E-09	1.06E-08	1.69E-08	2.97E-09	1.49E-08	8.26E-08
1657	495661.06	3858801.99	1.05E-04	1.29E-04	1.13E-04	3.64E-08	1.10E-07	6.36E-08	7.79E-08	7.06E-08	3.22E-08	2.82E-08	1.21E-09	2.93E-08	6.47E-09	1.06E-08	1.68E-08	2.96E-09	1.48E-08	8.21E-08
1658	494311.06	3858851.99	1.37E-04	1.67E-04	1.47E-04	4.73E-08	1.43E-07	8.27E-08	1.01E-07	9.19E-08	4.19E-08	3.67E-08	1.58E-09	3.82E-08	8.43E-09	1.38E-08	2.18E-08	3.85E-09	1.93E-08	1.07E-07
1659	494361.06	3858851.99	1.41E-04	1.73E-04	1.51E-04	4.89E-08	1.47E-07	8.54E-08	1.05E-07	9.48E-08	4.33E-08	3.79E-08	1.63E-09	3.94E-08	8.69E-09	1.42E-08	2.25E-08	3.97E-09	1.99E-08	1.10E-07
1660	494411.06	3858851.99	1.40E-04	1.72E-04	1.51E-04	4.87E-08	1.47E-07	8.50E-08	1.04E-07	9.44E-08	4.31E-08	3.77E-08	1.62E-09	3.92E-08	8.66E-09	1.41E-08	2.24E-08	3.95E-09	1.98E-08	1.10E-07
1661	494461.06	3858851.99	1.40E-04	1.72E-04	1.51E-04	4.87E-08	1.47E-07	8.51E-08	1.04E-07	9.45E-08	4.31E-08	3.78E-08	1.63E-09	3.93E-08	8.66E-09	1.41E-08	2.24E-08	3.96E-09	1.98E-08	1.10E-07
1662	494511.06	3858851.99	1.40E-04	1.72E-04	1.50E-04	4.86E-08	1.47E-07	8.49E-08	1.04E-07	9.42E-08	4.30E-08	3.77E-08	1.62E-09	3.92E-08	8.64E-09	1.41E-08	2.24E-08	3.95E-09	1.98E-08	1.10E-07
1663	494561.06	3858851.99	1.39E-04	1.70E-04	1.49E-04	4.82E-08	1.46E-07	8.43E-08	1.03E-07	9.36E-08	4.27E-08	3.74E-08	1.61E-09	3.89E-08	8.58E-09	1.40E-08	2.22E-08	3.92E-09	1.96E-08	1.09E-07
1664	494611.06	3858851.99	1.37E-04	1.68E-04	1.47E-04	4.76E-08	1.44E-07	8.32E-08	1.02E-07	9.24E-08	4.22E-08	3.69E-08	1.59E-09	3.84E-08	8.48E-09	1.38E-08	2.20E-08	3.87E-09	1.94E-08	1.08E-07
1665	494661.06	3858851.99	1.35E-04	1.66E-04	1.45E-04	4.69E-08	1.42E-07	8.19E-08	1.00E-07	9.10E-08	4.15E-08	3.64E-08	1.57E-09	3.78E-08	8.34E-09	1.36E-08	2.16E-08	3.81E-09	1.91E-08	1.06E-07
1666	494711.06	3858851.99	1.32E-04	1.62E-04	1.42E-04	4.58E-08	1.38E-07	8.00E-08	9.80E-08	8.89E-08	4.06E-08	3.55E-08	1.53E-09	3.69E-08	8.15E-09	1.33E-08	2.11E-08	3.72E-09	1.86E-08	1.03E-07
1667	494761.06	3858851.99	1.29E-04	1.58E-04	1.39E-04	4.48E-08	1.35E-07	7.82E-08	9.58E-08	8.69E-08	3.96E-08	3.47E-08	1.49E-09	3.61E-08	7.97E-09	1.30E-08	2.06E-08	3.64E-09	1.82E-08	1.01E-07
1668	494811.06	3858851.99	1.27E-04	1.55E-04	1.36E-04	4.39E-08	1.33E-07	7.67E-08	9.40E-08	8.52E-08	3.89E-08	3.40E-08	1.47E-09	3.54E-08	7.81E-09	1.28E-08	2.02E-08	3.57E-09	1.79E-08	9.91E-08
1669	494861.06	3858851.99	1.25E-04	1.53E-04	1.34E-04	4.33E-08	1.31E-07	7.57E-08	9.27E-08	8.41E-08	3.84E-08	3.36E-08	1.45E-09	3.49E-08	7.71E-09	1.26E-08	2.00E-08	3.52E-09	1.76E-08	9.78E-08
1670	494911.06	3858851.99	1.23E-04	1.50E-04	1.32E-04	4.25E-08	1.28E-07	7.43E-08	9.10E-08	8.25E-08	3.76E-08	3.30E-08	1.42E-09	3.43E-08	7.57E-09	1.24E-08	1.96E-08	3.46E-09	1.73E-08	9.60E-08
1671	494961.06	3858851.99	1.21E-04	1.48E-04	1.29E-04	4.18E-08	1.26E-07	7.31E-08	8.95E-08	8.11E-08	3.70E-08	3.24E-08	1.40E-09	3.37E-08	7.44E-09	1.22E-08	1.93E-08	3.40E-09	1.70E-08	9.44E-08
1672	495011.06	3858851.99	1.19E-04	1.46E-04	1.28E-04	4.12E-08	1.25E-07	7.21E-08	8.83E-08	8.00E-08	3.65E-08	3.20E-08	1.38E-09	3.33E-08	7.34E-09	1.20E-08	1.90E-08	3.35E-09	1.68E-08	9.31E-08
1673	495061.06	3858851.99	1.17E-04	1.43E-04	1.26E-04	4.06E-08	1.23E-07	7.09E-08	8.69E-08	7.88E-08	3.59E-08	3.15E-08	1.36E-09	3.27E-08	7.22E-09	1.18E-08	1.87E-08	3.30E-09	1.65E-08	9.16E-08
1674	495111.06	3858851.99	1.14E-04	1.39E-04	1.22E-04	3.94E-08	1.19E-07	6.88E-08	8.43E-08	7.64E-08	3.49E-08	3.05E-08	1.31E-09	3.17E-08	7.01E-09	1.14E-08	1.82E-08	3.20E-09	1.60E-08	8.89E-08
1675	495161.06	3858851.99	1.12E-04	1.37E-04	1.20E-04	3.87E-08	1.17E-07	6.77E-08	8.29E-08	7.52E-08	3.43E-08	3.00E-08	1.29E-09	3.12E-08	6.89E-09	1.13E-08	1.79E-08	3.15E-09	1.58E-08	8.75E-08
1676	495211.06	3858851.99	1.12E-04	1.37E-04	1.20E-04	3.88E-08	1.17E-07	6.77E-08	8.30E-08	7.52E-08	3.43E-08	3.01E-08	1.29E-09	3.13E-08	6.90E-09	1.13E-08	1.79E-08	3.15E-09	1.58E-08	8.75E-08
1677	495261.06	3858851.99	1.11E-04	1.36E-04	1.19E-04	3.86E-08	1.16E-07	6.74E-08	8.26E-08	7.49E-08	3.42E-08	2.99E-08	1.29E-09	3.11E-08	6.87E-09	1.12E-08	1.78E-08	3.14E-09	1.57E-08	8.71E-08
1678	495311.06	3858851.99	1.11E-04	1.36E-04	1.19E-04	3.85E-08	1.16E-07	6.74E-08	8.25E-08	7.48E-08	3.41E-08	2.99E-08	1.29E-09	3.11E-08	6.86E-09	1.12E-08	1.78E-08	3.13E-09	1.57E-08	8.70E-08
1679	495361.06	3858851.99	1.11E-04	1.36E-04	1.19E-04	3.84E-08	1.16E-07	6.71E-08	8.22E-08	7.45E-08	3.40E-08	2.98E-08	1.28E-09	3.10E-08	6.83E-09	1.12E-08	1.77E-08	3.12E-09	1.56E-08	8.67E-08
1680	495411.06	3858851.99	1.10E-04	1.35E-04	1.18E-04	3.83E-08	1.16E-07	6.69E-08	8.19E-08	7.42E-08	3.39E-08	2.97E-08	1.28E-09	3.09E-08	6.81E-09	1.11E-08	1.76E-08	3.11E-09	1.56E-08	8.64E-08
1681	495461.06	3858851.99	1.10E-04	1.35E-04	1.18E-04	3.82E-08	1.15E-07	6.67E-08	8.17E-08	7.41E-08	3.38E-08	2.96E-08	1.27E-09	3.08E-08	6.79E-09	1.11E-08	1.76E-08	3.10E-09	1.55E-08	8.62E-08
1682	495511.06	3858851.99	1.10E-04	1.34E-04	1.18E-04	3.80E-08	1.15E-07	6.64E-08	8.13E-08	7.37E-08	3.36E-08	2.95E-08	1.27E-09	3.06E-08	6.76E-09	1.10E-08	1.75E-08	3.09E-09	1.55E-08	8.57E-08
1683	495561.06	3858851.99	1.08E-04	1.32E-04	1.16E-04	3.74E-08	1.13E-07	6.53E-08	8.00E-08	7.25E-08	3.31E-08	2.90E-08	1.25E-09	3.01E-08	6.65E-09	1.09E-08	1.72E-08	3.04E-09	1.52E-08	8.44E-08
1684	495611.06	3858851.99	1.06E-04	1.30E-04	1.14E-04	3.69E-08	1.11E-07	6.45E-08	7.90E-08	7.16E-08	3.27E-08	2.86E-08	1.23E-09	2.98E-08	6.57E-09	1.07E-08	1.70E-08	3.00E-09	1.50E-08	8.33E-08
1685	495661.06	3858851.99	1.06E-04	1.30E-04	1.14E-04	3.68E-08	1.11E-07	6.43E-08	7.88E-08	7.14E-08	3.26E-08	2.86E-08	1.23E-09	2.97E-08	6.55E-09	1.07E-08	1.70E-08	2.99E-09	1.50E-08	8.31E-08
1686	494311.06	3858901.99	1.40E-04	1.71E-04	1.50E-04	4.84E-08	1.46E-07	8.45E-08	1.04E-07	9.39E-08	4.28E-08	3.75E-08	1.62E-09	3.90E-08	8.61E-09	1.41E-08	2.23E-08	3.93E-09	1.97E-08	1.09E-07
1687	494361.06	3858901.99	1.43E-04	1.75E-04	1.53E-04	4.94E-08	1.49E-07	8.64E-08	1.06E-07	9.59E-08	4.38E-08	3.83E-08	1.65E-09	3.99E-08	8.80E-09	1.44E-08	2.28E-08	4.02E-09	2.01E-08	1.12E-07
1688	494411.06	3858901.99	1.43E-04	1.75E-04	1.53E-04	4.94E-08	1.49E-07	8.64E-08	1.06E-07	9.59E-08	4.38E-08	3.83E-08	1.65E-09	3.99E-08	8.80E-09	1.44E-08	2.28E-08	4.02E-09	2.01E-08	1.12E-07
1689	494461.06	3858901.99	1.43E-04	1.75E-04	1.53E-04	4.95E-08	1.49E-07	8.64E-08	1.06E-07	9.60E-08	4.38E-08	3.84E-08	1.65E-09	3.99E-08	8.80E-09	1.44E-08	2.28E-08	4.02E-09	2.01E-08	1.12E-07
1690	494511.06	3858901.99	1.42E-04	1.74E-04	1.53E-04	4.93E-08	1.49E-07	8.62E-08	1.06E-07	9.57E-08	4.37E-08	3.83E-08	1.65E-09	3.98E-08	8.78E-09	1.43E-08	2.27E-08	4.01E-09	2.01E-08	1.11E-07
1691	494561.06	3858901.99	1.41E-04	1.72E-04	1.51E-04	4.87E-08	1.47E-07	8.51E-08	1.04E-07	9.45E-08	4.31E-08	3.78E-08	1.63E-09	3.93E-08	8.67E-09	1.42E-08	2.25E-08	3.96E-09	1.98E-08	1.10E-07
1692	494611.06	3858901.99	1.38E-04	1.69E-04	1.48E-04	4.77E-08	1.44E-07	8.33E-08	1.02E-07	9.25E-08	4.22E-08	3.70E-08	1.59E-09	3.85E-08	8.49E-09	1.39E-08	2.20E-08	3.87E-09	1.94E-08	1.08E-07
1693	494661.06	3858901.99	1.36E-04	1.66E-04	1.46E-04	4.71E-08	1.42E-07	8.23E-08	1.01E-07	9.14E-08	4.17E-08	3.65E-08	1.57E-09	3.80E-08	8.38E-09	1.37E-08	2.17E-08	3.83E-09	1.92E-08	1.06E-07
1694	494711.06	3858901.99	1.33E-04	1.63E-04	1.43E-04	4.61E-08	1.39E-07	8.06E-08	9.88E-08	8.95E-08	4.09E-08	3.58E-08	1.54E-09	3.72E-08	8.21E-09	1.34E-08	2.13E-08	3.75E-09	1.88E-08	1.04E-07
1695	494761.06	3858901.99	1.30E-04	1.59E-04	1.39E-04	4.50E-08	1.36E-07	7.87E-08	9.63E-08	8.73E-08	3.98E-08	3.49E-08	1.50E-09	3.63E-08	8.01E-09	1.31E-08	2.07E-08	3.66E-09	1.83E-08	1.02E-07
1696	494811.06	3858901.99	1.28E-04	1.57E-04	1.37E-04	4.43E-08	1.34E-07	7.75E-08	9.49E-08	8.60E-08	3.92E-08	3.44E-08	1.48E-09	3.57E-08	7.89E-09	1.29E-08	2.04E-08	3.60E-09	1.80E-08	1.00E-07
1697	494861.06	3858901.99	1.26E-04	1.55E-04	1.36E-04	4.38E-08	1.32E-07	7.66E-08	9.38E-08	8.50E-08	3.88E-08	3.40E-08	1.46E-09	3.53E-08	7.80E-09	1.27E-08	2.02E-08	3.56E-09	1.78E-08	9.89E-08
1698	494911.06	3858901.99	1.23E-04	1.51E-04	1.32E-04	4.27E-08	1.29E-07	7.46E-08	9.14E-08	8.28E-08	3.78E-08	3.31E-08	1.43E-09	3.44E-08	7.60E-09	1.24E-08	1.97E-08	3.47E-09	1.74E-08	9.64E-08

1699	494961.06	3858901.99	1.21E-04	1.49E-04	1.30E-04	4.21E-08	1.27E-07	7.35E-08	9.01E-08	8.16E-08	3.73E-08	3.26E-08	1.40E-09	3.39E-08	7.49E-09	1.22E-08	1.94E-08	3.42E-09	1.71E-08	9.50E-08
1700	495011.06	3858901.99	1.20E-04	1.47E-04	1.28E-04	4.15E-08	1.25E-07	7.25E-08	8.88E-08	8.05E-08	3.67E-08	3.22E-08	1.38E-09	3.35E-08	7.38E-09	1.21E-08	1.91E-08	3.37E-09	1.69E-08	9.36E-08
1701	495061.06	3858901.99	1.17E-04	1.44E-04	1.26E-04	4.06E-08	1.23E-07	7.10E-08	8.69E-08	7.88E-08	3.60E-08	3.15E-08	1.36E-09	3.28E-08	7.23E-09	1.18E-08	1.87E-08	3.30E-09	1.65E-08	9.17E-08
1702	495111.06	3858901.99	1.14E-04	1.39E-04	1.22E-04	3.94E-08	1.19E-07	6.89E-08	8.43E-08	7.64E-08	3.49E-08	3.06E-08	1.32E-09	3.18E-08	7.01E-09	1.14E-08	1.82E-08	3.20E-09	1.60E-08	8.90E-08
1703	495161.06	3858901.99	1.13E-04	1.38E-04	1.21E-04	3.90E-08	1.18E-07	6.82E-08	8.36E-08	7.57E-08	3.46E-08	3.03E-08	1.30E-09	3.15E-08	6.95E-09	1.13E-08	1.80E-08	3.17E-09	1.59E-08	8.81E-08
1704	495211.06	3858901.99	1.13E-04	1.39E-04	1.22E-04	3.92E-08	1.18E-07	6.86E-08	8.40E-08	7.62E-08	3.48E-08	3.05E-08	1.31E-09	3.17E-08	6.99E-09	1.14E-08	1.81E-08	3.19E-09	1.60E-08	8.86E-08
1705	495261.06	3858901.99	1.13E-04	1.38E-04	1.21E-04	3.92E-08	1.18E-07	6.84E-08	8.38E-08	7.60E-08	3.47E-08	3.04E-08	1.31E-09	3.16E-08	6.97E-09	1.14E-08	1.81E-08	3.18E-09	1.59E-08	8.84E-08
1706	495311.06	3858901.99	1.12E-04	1.38E-04	1.21E-04	3.90E-08	1.18E-07	6.81E-08	8.34E-08	7.56E-08	3.45E-08	3.02E-08	1.30E-09	3.14E-08	6.94E-09	1.13E-08	1.80E-08	3.17E-09	1.59E-08	8.80E-08
1707	495361.06	3858901.99	1.12E-04	1.37E-04	1.20E-04	3.88E-08	1.17E-07	6.78E-08	8.31E-08	7.53E-08	3.44E-08	3.01E-08	1.30E-09	3.13E-08	6.91E-09	1.13E-08	1.79E-08	3.15E-09	1.58E-08	8.76E-08
1708	495411.06	3858901.99	1.12E-04	1.37E-04	1.20E-04	3.88E-08	1.17E-07	6.79E-08	8.31E-08	7.53E-08	3.44E-08	3.01E-08	1.30E-09	3.13E-08	6.91E-09	1.13E-08	1.79E-08	3.16E-09	1.58E-08	8.77E-08
1709	495461.06	3858901.99	1.11E-04	1.36E-04	1.19E-04	3.86E-08	1.16E-07	6.74E-08	8.26E-08	7.49E-08	3.42E-08	2.99E-08	1.29E-09	3.11E-08	6.86E-09	1.12E-08	1.78E-08	3.13E-09	1.57E-08	8.71E-08
1710	495511.06	3858901.99	1.10E-04	1.35E-04	1.18E-04	3.82E-08	1.15E-07	6.67E-08	8.17E-08	7.41E-08	3.38E-08	2.96E-08	1.27E-09	3.08E-08	6.79E-09	1.11E-08	1.76E-08	3.10E-09	1.55E-08	8.62E-08
1711	495561.06	3858901.99	1.09E-04	1.34E-04	1.17E-04	3.78E-08	1.14E-07	6.61E-08	8.10E-08	7.34E-08	3.35E-08	2.94E-08	1.26E-09	3.05E-08	6.73E-09	1.10E-08	1.74E-08	3.08E-09	1.54E-08	8.55E-08
1712	495611.06	3858901.99	1.08E-04	1.32E-04	1.16E-04	3.74E-08	1.13E-07	6.54E-08	8.01E-08	7.26E-08	3.31E-08	2.90E-08	1.25E-09	3.02E-08	6.66E-09	1.09E-08	1.72E-08	3.04E-09	1.52E-08	8.44E-08
1713	495661.06	3858901.99	1.08E-04	1.32E-04	1.16E-04	3.73E-08	1.13E-07	6.53E-08	7.99E-08	7.25E-08	3.31E-08	2.90E-08	1.25E-09	3.01E-08	6.65E-09	1.09E-08	1.72E-08	3.03E-09	1.52E-08	8.43E-08
1714	494311.06	3858951.99	1.44E-04	1.76E-04	1.55E-04	4.99E-08	1.51E-07	8.73E-08	1.07E-07	9.69E-08	4.42E-08	3.87E-08	1.67E-09	4.03E-08	8.89E-09	1.45E-08	2.30E-08	4.06E-09	2.03E-08	1.13E-07
1715	494361.06	3858951.99	1.45E-04	1.78E-04	1.56E-04	5.02E-08	1.52E-07	8.78E-08	1.08E-07	9.75E-08	4.45E-08	3.90E-08	1.68E-09	4.05E-08	8.94E-09	1.46E-08	2.32E-08	4.08E-09	2.05E-08	1.13E-07
1716	494411.06	3858951.99	1.44E-04	1.76E-04	1.54E-04	4.98E-08	1.50E-07	8.71E-08	1.07E-07	9.67E-08	4.41E-08	3.86E-08	1.66E-09	4.02E-08	8.86E-09	1.45E-08	2.30E-08	4.05E-09	2.03E-08	1.12E-07
1717	494461.06	3858951.99	1.44E-04	1.76E-04	1.54E-04	4.99E-08	1.51E-07	8.72E-08	1.07E-07	9.68E-08	4.42E-08	3.87E-08	1.67E-09	4.02E-08	8.88E-09	1.45E-08	2.30E-08	4.05E-09	2.03E-08	1.13E-07
1718	494511.06	3858951.99	1.43E-04	1.75E-04	1.53E-04	4.95E-08	1.50E-07	8.66E-08	1.06E-07	9.61E-08	4.39E-08	3.84E-08	1.65E-09	4.00E-08	8.82E-09	1.44E-08	2.28E-08	4.03E-09	2.02E-08	1.12E-07
1719	494561.06	3858951.99	1.41E-04	1.73E-04	1.52E-04	4.90E-08	1.48E-07	8.56E-08	1.05E-07	9.50E-08	4.34E-08	3.80E-08	1.63E-09	3.95E-08	8.71E-09	1.42E-08	2.26E-08	3.98E-09	1.99E-08	1.11E-07
1720	494611.06	3858951.99	1.39E-04	1.70E-04	1.49E-04	4.81E-08	1.45E-07	8.41E-08	1.03E-07	9.34E-08	4.26E-08	3.73E-08	1.61E-09	3.88E-08	8.56E-09	1.40E-08	2.22E-08	3.91E-09	1.96E-08	1.09E-07
1721	494661.06	3858951.99	1.37E-04	1.67E-04	1.47E-04	4.73E-08	1.43E-07	8.27E-08	1.01E-07	9.19E-08	4.19E-08	3.67E-08	1.58E-09	3.82E-08	8.42E-09	1.38E-08	2.18E-08	3.85E-09	1.93E-08	1.07E-07
1722	494711.06	3858951.99	1.33E-04	1.63E-04	1.43E-04	4.62E-08	1.40E-07	8.08E-08	9.89E-08	8.97E-08	4.09E-08	3.59E-08	1.54E-09	3.73E-08	8.23E-09	1.34E-08	2.13E-08	3.76E-09	1.88E-08	1.04E-07
1723	494761.06	3858951.99	1.31E-04	1.60E-04	1.41E-04	4.54E-08	1.37E-07	7.93E-08	9.72E-08	8.81E-08	4.02E-08	3.52E-08	1.52E-09	3.66E-08	8.08E-09	1.32E-08	2.09E-08	3.69E-09	1.85E-08	1.02E-07
1724	494811.06	3858951.99	1.29E-04	1.58E-04	1.39E-04	4.48E-08	1.35E-07	7.83E-08	9.59E-08	8.69E-08	3.97E-08	3.48E-08	1.50E-09	3.61E-08	7.97E-09	1.30E-08	2.07E-08	3.64E-09	1.82E-08	1.01E-07
1725	494861.06	3858951.99	1.28E-04	1.56E-04	1.37E-04	4.42E-08	1.34E-07	7.73E-08	9.47E-08	8.58E-08	3.92E-08	3.43E-08	1.48E-09	3.57E-08	7.87E-09	1.29E-08	2.04E-08	3.59E-09	1.80E-08	9.99E-08
1726	494911.06	3858951.99	1.25E-04	1.53E-04	1.34E-04	4.34E-08	1.31E-07	7.58E-08	9.28E-08	8.42E-08	3.84E-08	3.36E-08	1.45E-09	3.50E-08	7.72E-09	1.26E-08	2.00E-08	3.52E-09	1.77E-08	9.79E-08
1727	494961.06	3858951.99	1.24E-04	1.52E-04	1.33E-04	4.29E-08	1.30E-07	7.50E-08	9.19E-08	8.33E-08	3.80E-08	3.33E-08	1.43E-09	3.46E-08	7.64E-09	1.25E-08	1.98E-08	3.49E-09	1.75E-08	9.69E-08
1728	495011.06	3858951.99	1.20E-04	1.47E-04	1.29E-04	4.16E-08	1.26E-07	7.27E-08	8.91E-08	8.08E-08	3.68E-08	3.23E-08	1.39E-09	3.36E-08	7.41E-09	1.21E-08	1.92E-08	3.38E-09	1.69E-08	9.40E-08
1729	495061.06	3858951.99	1.16E-04	1.43E-04	1.25E-04	4.04E-08	1.22E-07	7.06E-08	8.64E-08	7.83E-08	3.57E-08	3.13E-08	1.35E-09	3.26E-08	7.18E-09	1.17E-08	1.86E-08	3.28E-09	1.64E-08	9.12E-08
1730	495111.06	3858951.99	1.14E-04	1.39E-04	1.22E-04	3.94E-08	1.19E-07	6.89E-08	8.44E-08	7.65E-08	3.49E-08	3.06E-08	1.32E-09	3.18E-08	7.02E-09	1.15E-08	1.82E-08	3.20E-09	1.61E-08	8.90E-08
1731	495161.06	3858951.99	1.15E-04	1.41E-04	1.23E-04	3.98E-08	1.20E-07	6.96E-08	8.52E-08	7.73E-08	3.53E-08	3.09E-08	1.33E-09	3.21E-08	7.09E-09	1.16E-08	1.84E-08	3.24E-09	1.62E-08	8.99E-08
1732	495211.06	3858951.99	1.15E-04	1.40E-04	1.23E-04	3.98E-08	1.20E-07	6.95E-08	8.51E-08	7.71E-08	3.52E-08	3.08E-08	1.33E-09	3.21E-08	7.08E-09	1.16E-08	1.83E-08	3.23E-09	1.62E-08	8.98E-08
1733	495261.06	3858951.99	1.14E-04	1.40E-04	1.23E-04	3.97E-08	1.20E-07	6.93E-08	8.49E-08	7.70E-08	3.51E-08	3.08E-08	1.32E-09	3.20E-08	7.06E-09	1.15E-08	1.83E-08	3.22E-09	1.62E-08	8.96E-08
1734	495311.06	3858951.99	1.13E-04	1.39E-04	1.21E-04	3.92E-08	1.18E-07	6.85E-08	8.39E-08	7.61E-08	3.47E-08	3.04E-08	1.31E-09	3.16E-08	6.98E-09	1.14E-08	1.81E-08	3.19E-09	1.60E-08	8.85E-08
1735	495361.06	3858951.99	1.13E-04	1.38E-04	1.21E-04	3.92E-08	1.18E-07	6.85E-08	8.39E-08	7.60E-08	3.47E-08	3.04E-08	1.31E-09	3.16E-08	6.97E-09	1.14E-08	1.81E-08	3.18E-09	1.60E-08	8.85E-08
1736	495411.06	3858951.99	1.13E-04	1.39E-04	1.21E-04	3.92E-08	1.18E-07	6.86E-08	8.40E-08	7.61E-08	3.47E-08	3.04E-08	1.31E-09	3.16E-08	6.98E-09	1.14E-08	1.81E-08	3.19E-09	1.60E-08	8.86E-08
1737	495461.06	3858951.99	1.13E-04	1.38E-04	1.21E-04	3.90E-08	1.18E-07	6.82E-08	8.36E-08	7.57E-08	3.46E-08	3.03E-08	1.30E-09	3.15E-08	6.95E-09	1.13E-08	1.80E-08	3.17E-09	1.59E-08	8.81E-08
1738	495511.06	3858951.99	1.12E-04	1.38E-04	1.21E-04	3.90E-08	1.18E-07	6.81E-08	8.34E-08	7.56E-08	3.45E-08	3.02E-08	1.30E-09	3.14E-08	6.94E-09	1.13E-08	1.80E-08	3.17E-09	1.59E-08	8.80E-08
1739	495561.06	3858951.99	1.11E-04	1.35E-04	1.19E-04	3.83E-08	1.16E-07	6.70E-08	8.20E-08	7.43E-08	3.39E-08	2.97E-08	1.28E-09	3.09E-08	6.82E-09	1.11E-08	1.77E-08	3.11E-09	1.56E-08	8.65E-08
1740	495611.06	3858951.99	1.09E-04	1.34E-04	1.17E-04	3.79E-08	1.14E-07	6.63E-08	8.12E-08	7.36E-08	3.36E-08	2.94E-08	1.27E-09	3.06E-08	6.75E-09	1.10E-08	1.75E-08	3.08E-09	1.54E-08	8.56E-08
1741	495661.06	3858951.99	1.09E-04	1.34E-04	1.17E-04	3.79E-08	1.14E-07	6.62E-08	8.11E-08	7.35E-08	3.35E-08	2.94E-08	1.26E-09	3.06E-08	6.74E-09	1.10E-08	1.75E-08	3.08E-09	1.54E-08	8.55E-08
1742	494311.06	3859001.99	1.47E-04	1.79E-04	1.57E-04	5.08E-08	1.53E-07	8.88E-08	1.09E-07	9.86E-08	4.50E-08	3.94E-08	1.70E-09	4.10E-08	9.04E-09	1.48E-08	2.34E-08	4.13E-09	2.07E-08	1.15E-07
1743	494361.06	3859001.99	1.46E-04	1.79E-04	1.57E-04	5.06E-08	1.53E-07	8.85E-08	1.08E-07	9.83E-08	4.48E-08	3.93E-08	1.69E-09	4.08E-08	9.01E-09	1.47E-08	2.34E-08	4.12E-09	2.06E-08	1.14E-07
1744	494411.06	3859001.99	1.46E-04	1.78E-04	1.56E-04	5.05E-08	1.52E-07	8.82E-08	1.08E-07	9.80E-08	4.47E-08	3.92E-08	1.69E-09	4.07E-08	8.98E-09	1.47E-08	2.33E-08	4.10E-09	2.06E-08	1.14E-07
1745	494461.06	3859001.99	1.45E-04	1.77E-04	1.55E-04	5.02E-08	1.52E-07	8.77E-08	1.07E-07	9.74E-08	4.44E-08	3.89E-08	1.68E-09	4.05E-08	8.93E-09	1.46E-08	2.31E-08	4.08E-09	2.04E-08	1.13E-07
1746	494511.06	3859001.99	1.44E-04	1.76E-04	1.54E-04	4.99E-08	1.51E-07	8.72E-08	1.07E-07	9.68E-08	4.42E-08	3.87E-08	1.67E-09	4.02E-08	8.87E-09	1.45E-08	2.30E-08	4.05E-09	2.03E-08	1.13E-07
1747	494561.06	3859001.99	1.42E-04	1.73E-04	1.52E-04	4.91E-08	1.48E-07	8.58E-08	1.05E-07	9.52E-08	4.35E-08	3.81E-08	1.64E-09	3.96E-08	8.74E-09	1.43E-08	2.26E-08	3.99E-09	2.00E-08	1.11E-07
1748	494611.06	3859001.99	1.40E-04	1.71E-04	1.50E-04	4.83E-08	1.46E-07	8.45E-08	1.04E-07	9.38E-08	4.28E-08	3.75E-08	1.61E-09	3.90E-08	8.61E-09	1.41E-08	2.23E-08	3.93E-09	1.97E-08	1.09E-07
1749	494661.06	3859001.99	1.37E-04	1.68E-04	1.47E-04	4.74E-08	1.43E-07	8.29E-08	1.02E-07	9.21E-08	4.20E-08	3.68E-08	1.58E-09	3.83E-08	8.45E-09	1.38E-08	2.19E-08	3.86E-09	1.93E-08	1.07E-07
1750	494711.06	3859001.99	1.34E-04	1.64E-04	1.44E-04	4.64E-08	1.40E-07	8.11E-08	9.93E-08	9.00E-08	4.11E-08	3.60E-08	1.55E-09	3.74E-08	8.26E-09	1.35E-08	2.14E-08	3.77E-09	1.89E-08	1.05E-07
1751	494761.06	3859001.99	1.32E-04	1.62E-04	1.42E-04	4.57E-08	1.38E-07	7.99E-08	9.79E-08	8.87E-08	4.05E-08	3.55E-08	1.53E-09	3.69E-08	8.14E-09	1.33E-08	2.11E-08	3.72E-09	1.86E-08	1.03E-07
1752	494811.06	3859001.99	1.31E-04	1.60E-04	1.40E-04	4.53E-08	1.37E-07	7.92E-08	9.70E-08	8.79E-08	4.01E-08	3.52E-08	1.51E-09	3.66E-08	8.07E-09	1.32E-08	2.09E-08	3.68E-09	1.85E-08	1.02E-07
1753	494861.06	3859001.99	1.29E-04	1.58E-04	1.38E-04	4.46E-08	1.35E-07	7.79E-08	9.55E-08	8.65E-08	3.95E-08	3.46E-08	1.49E-09	3.60E-08	7.94E-09	1.30E-08	2.06E-08	3.62E-09	1.82E-08	1.01E-07

1754	494911.06	3859001.99	1.26E-04	1.55E-04	1.36E-04	4.38E-08	1.32E-07	7.66E-08	9.38E-08	8.50E-08	3.88E-08	3.40E-08	1.46E-09	3.53E-08	7.80E-09	1.27E-08	2.02E-08	3.56E-09	1.78E-08	9.90E-08
1755	494961.06	3859001.99	1.24E-04	1.52E-04	1.33E-04	4.30E-08	1.30E-07	7.52E-08	9.21E-08	8.35E-08	3.81E-08	3.34E-08	1.44E-09	3.47E-08	7.66E-09	1.25E-08	1.98E-08	3.50E-09	1.75E-08	9.72E-08
1756	495011.06	3859001.99	1.18E-04	1.45E-04	1.27E-04	4.09E-08	1.24E-07	7.16E-08	8.77E-08	7.95E-08	3.63E-08	3.18E-08	1.37E-09	3.30E-08	7.29E-09	1.19E-08	1.89E-08	3.33E-09	1.67E-08	9.25E-08
1757	495061.06	3859001.99	1.17E-04	1.43E-04	1.25E-04	4.05E-08	1.22E-07	7.08E-08	8.68E-08	7.86E-08	3.59E-08	3.14E-08	1.35E-09	3.27E-08	7.21E-09	1.18E-08	1.87E-08	3.29E-09	1.65E-08	9.15E-08
1758	495111.06	3859001.99	1.14E-04	1.40E-04	1.23E-04	3.96E-08	1.20E-07	6.93E-08	8.49E-08	7.69E-08	3.51E-08	3.08E-08	1.32E-09	3.20E-08	7.06E-09	1.15E-08	1.83E-08	3.22E-09	1.61E-08	8.95E-08
1759	495161.06	3859001.99	1.16E-04	1.42E-04	1.25E-04	4.03E-08	1.22E-07	7.04E-08	8.63E-08	7.82E-08	3.57E-08	3.13E-08	1.35E-09	3.25E-08	7.17E-09	1.17E-08	1.86E-08	3.27E-09	1.64E-08	9.10E-08
1760	495211.06	3859001.99	1.16E-04	1.42E-04	1.24E-04	4.01E-08	1.21E-07	7.01E-08	8.58E-08	7.78E-08	3.55E-08	3.11E-08	1.34E-09	3.23E-08	7.14E-09	1.17E-08	1.85E-08	3.26E-09	1.63E-08	9.05E-08
1761	495261.06	3859001.99	1.16E-04	1.42E-04	1.24E-04	4.01E-08	1.21E-07	7.00E-08	8.58E-08	7.78E-08	3.55E-08	3.11E-08	1.34E-09	3.23E-08	7.13E-09	1.16E-08	1.85E-08	3.26E-09	1.63E-08	9.05E-08
1762	495311.06	3859001.99	1.15E-04	1.41E-04	1.23E-04	3.98E-08	1.20E-07	6.96E-08	8.53E-08	7.73E-08	3.53E-08	3.09E-08	1.33E-09	3.21E-08	7.09E-09	1.16E-08	1.84E-08	3.24E-09	1.62E-08	8.99E-08
1763	495361.06	3859001.99	1.15E-04	1.41E-04	1.23E-04	3.98E-08	1.20E-07	6.95E-08	8.51E-08	7.72E-08	3.52E-08	3.09E-08	1.33E-09	3.21E-08	7.08E-09	1.16E-08	1.83E-08	3.23E-09	1.62E-08	8.98E-08
1764	495411.06	3859001.99	1.14E-04	1.40E-04	1.23E-04	3.96E-08	1.20E-07	6.93E-08	8.48E-08	7.69E-08	3.51E-08	3.07E-08	1.32E-09	3.20E-08	7.05E-09	1.15E-08	1.83E-08	3.22E-09	1.61E-08	8.95E-08
1765	495461.06	3859001.99	1.14E-04	1.40E-04	1.22E-04	3.95E-08	1.19E-07	6.91E-08	8.46E-08	7.67E-08	3.50E-08	3.07E-08	1.32E-09	3.19E-08	7.03E-09	1.15E-08	1.82E-08	3.21E-09	1.61E-08	8.93E-08
1766	495511.06	3859001.99	1.13E-04	1.38E-04	1.21E-04	3.90E-08	1.18E-07	6.82E-08	8.35E-08	7.57E-08	3.45E-08	3.03E-08	1.30E-09	3.15E-08	6.94E-09	1.13E-08	1.80E-08	3.17E-09	1.59E-08	8.81E-08
1767	495561.06	3859001.99	1.12E-04	1.37E-04	1.20E-04	3.87E-08	1.17E-07	6.77E-08	8.29E-08	7.51E-08	3.43E-08	3.00E-08	1.29E-09	3.12E-08	6.89E-09	1.13E-08	1.79E-08	3.15E-09	1.58E-08	8.74E-08
1768	495611.06	3859001.99	1.11E-04	1.36E-04	1.19E-04	3.84E-08	1.16E-07	6.71E-08	8.22E-08	7.45E-08	3.40E-08	2.98E-08	1.28E-09	3.10E-08	6.83E-09	1.12E-08	1.77E-08	3.12E-09	1.56E-08	8.67E-08
1769	495661.06	3859001.99	1.11E-04	1.36E-04	1.19E-04	3.86E-08	1.16E-07	6.74E-08	8.26E-08	7.49E-08	3.42E-08	2.99E-08	1.29E-09	3.11E-08	6.87E-09	1.12E-08	1.78E-08	3.14E-09	1.57E-08	8.71E-08
1770	494311.06	3859051.99	1.48E-04	1.81E-04	1.59E-04	5.13E-08	1.55E-07	8.96E-08	1.10E-07	9.95E-08	4.54E-08	3.98E-08	1.71E-09	4.13E-08	9.12E-09	1.49E-08	2.36E-08	4.17E-09	2.09E-08	1.16E-07
1771	494361.06	3859051.99	1.48E-04	1.81E-04	1.59E-04	5.12E-08	1.55E-07	8.95E-08	1.10E-07	9.94E-08	4.53E-08	3.97E-08	1.71E-09	4.13E-08	9.11E-09	1.49E-08	2.36E-08	4.16E-09	2.08E-08	1.16E-07
1772	494411.06	3859051.99	1.47E-04	1.79E-04	1.57E-04	5.08E-08	1.53E-07	8.88E-08	1.09E-07	9.86E-08	4.50E-08	3.94E-08	1.70E-09	4.10E-08	9.04E-09	1.48E-08	2.34E-08	4.13E-09	2.07E-08	1.15E-07
1773	494461.06	3859051.99	1.45E-04	1.78E-04	1.56E-04	5.03E-08	1.52E-07	8.79E-08	1.08E-07	9.76E-08	4.45E-08	3.90E-08	1.68E-09	4.06E-08	8.95E-09	1.46E-08	2.32E-08	4.09E-09	2.05E-08	1.14E-07
1774	494511.06	3859051.99	1.43E-04	1.76E-04	1.54E-04	4.97E-08	1.50E-07	8.68E-08	1.06E-07	9.64E-08	4.40E-08	3.85E-08	1.66E-09	4.01E-08	8.84E-09	1.44E-08	2.29E-08	4.04E-09	2.02E-08	1.12E-07
1775	494561.06	3859051.99	1.42E-04	1.74E-04	1.52E-04	4.91E-08	1.48E-07	8.59E-08	1.05E-07	9.53E-08	4.35E-08	3.81E-08	1.64E-09	3.96E-08	8.74E-09	1.43E-08	2.27E-08	3.99E-09	2.00E-08	1.11E-07
1776	494611.06	3859051.99	1.40E-04	1.71E-04	1.50E-04	4.84E-08	1.46E-07	8.46E-08	1.04E-07	9.39E-08	4.29E-08	3.76E-08	1.62E-09	3.90E-08	8.61E-09	1.41E-08	2.23E-08	3.93E-09	1.97E-08	1.09E-07
1777	494661.06	3859051.99	1.37E-04	1.68E-04	1.47E-04	4.76E-08	1.44E-07	8.32E-08	1.02E-07	9.24E-08	4.22E-08	3.69E-08	1.59E-09	3.84E-08	8.47E-09	1.38E-08	2.20E-08	3.87E-09	1.94E-08	1.07E-07
1778	494711.06	3859051.99	1.35E-04	1.66E-04	1.45E-04	4.68E-08	1.41E-07	8.19E-08	1.00E-07	9.09E-08	4.15E-08	3.63E-08	1.56E-09	3.78E-08	8.34E-09	1.36E-08	2.16E-08	3.81E-09	1.91E-08	1.06E-07
1779	494761.06	3859051.99	1.33E-04	1.63E-04	1.43E-04	4.61E-08	1.39E-07	8.05E-08	9.86E-08	8.94E-08	4.08E-08	3.57E-08	1.54E-09	3.72E-08	8.20E-09	1.34E-08	2.12E-08	3.74E-09	1.88E-08	1.04E-07
1780	494811.06	3859051.99	1.31E-04	1.61E-04	1.41E-04	4.55E-08	1.37E-07	7.95E-08	9.74E-08	8.83E-08	4.03E-08	3.53E-08	1.52E-09	3.67E-08	8.10E-09	1.32E-08	2.10E-08	3.70E-09	1.85E-08	1.03E-07
1781	494861.06	3859051.99	1.30E-04	1.59E-04	1.39E-04	4.49E-08	1.36E-07	7.85E-08	9.62E-08	8.72E-08	3.98E-08	3.48E-08	1.50E-09	3.62E-08	7.99E-09	1.31E-08	2.07E-08	3.65E-09	1.83E-08	1.01E-07
1782	494911.06	3859051.99	1.27E-04	1.56E-04	1.36E-04	4.40E-08	1.33E-07	7.69E-08	9.42E-08	8.54E-08	3.90E-08	3.41E-08	1.47E-09	3.55E-08	7.83E-09	1.28E-08	2.03E-08	3.58E-09	1.79E-08	9.94E-08
1783	494961.06	3859051.99	1.23E-04	1.51E-04	1.32E-04	4.27E-08	1.29E-07	7.46E-08	9.13E-08	8.28E-08	3.78E-08	3.31E-08	1.42E-09	3.44E-08	7.59E-09	1.24E-08	1.97E-08	3.47E-09	1.74E-08	9.63E-08
1784	495011.06	3859051.99	1.20E-04	1.47E-04	1.29E-04	4.16E-08	1.26E-07	7.28E-08	8.92E-08	8.08E-08	3.69E-08	3.23E-08	1.39E-09	3.36E-08	7.41E-09	1.21E-08	1.92E-08	3.38E-09	1.70E-08	9.40E-08
1785	495061.06	3859051.99	1.18E-04	1.45E-04	1.27E-04	4.10E-08	1.24E-07	7.16E-08	8.77E-08	7.95E-08	3.63E-08	3.18E-08	1.37E-09	3.30E-08	7.29E-09	1.19E-08	1.89E-08	3.33E-09	1.67E-08	9.25E-08
1786	495111.06	3859051.99	1.17E-04	1.43E-04	1.26E-04	4.06E-08	1.23E-07	7.10E-08	8.69E-08	7.88E-08	3.59E-08	3.15E-08	1.36E-09	3.27E-08	7.23E-09	1.18E-08	1.87E-08	3.30E-09	1.65E-08	9.17E-08
1787	495161.06	3859051.99	1.18E-04	1.44E-04	1.27E-04	4.09E-08	1.23E-07	7.15E-08	8.75E-08	7.93E-08	3.62E-08	3.17E-08	1.37E-09	3.30E-08	7.28E-09	1.19E-08	1.89E-08	3.32E-09	1.66E-08	9.23E-08
1788	495211.06	3859051.99	1.17E-04	1.43E-04	1.25E-04	4.04E-08	1.22E-07	7.07E-08	8.66E-08	7.85E-08	3.58E-08	3.14E-08	1.35E-09	3.26E-08	7.20E-09	1.18E-08	1.86E-08	3.29E-09	1.65E-08	9.13E-08
1789	495261.06	3859051.99	1.17E-04	1.43E-04	1.26E-04	4.06E-08	1.22E-07	7.09E-08	8.68E-08	7.87E-08	3.59E-08	3.15E-08	1.35E-09	3.27E-08	7.22E-09	1.18E-08	1.87E-08	3.30E-09	1.65E-08	9.16E-08
1790	495311.06	3859051.99	1.16E-04	1.42E-04	1.25E-04	4.03E-08	1.22E-07	7.04E-08	8.62E-08	7.81E-08	3.57E-08	3.12E-08	1.34E-09	3.25E-08	7.17E-09	1.17E-08	1.86E-08	3.27E-09	1.64E-08	9.09E-08
1791	495361.06	3859051.99	1.16E-04	1.42E-04	1.24E-04	4.01E-08	1.21E-07	7.01E-08	8.59E-08	7.79E-08	3.55E-08	3.11E-08	1.34E-09	3.24E-08	7.14E-09	1.17E-08	1.85E-08	3.26E-09	1.63E-08	9.06E-08
1792	495411.06	3859051.99	1.16E-04	1.42E-04	1.24E-04	4.01E-08	1.21E-07	7.01E-08	8.59E-08	7.79E-08	3.55E-08	3.11E-08	1.34E-09	3.24E-08	7.14E-09	1.17E-08	1.85E-08	3.26E-09	1.63E-08	9.06E-08
1793	495461.06	3859051.99	1.16E-04	1.42E-04	1.24E-04	4.01E-08	1.21E-07	7.01E-08	8.58E-08	7.78E-08	3.55E-08	3.11E-08	1.34E-09	3.23E-08	7.14E-09	1.17E-08	1.85E-08	3.26E-09	1.63E-08	9.05E-08
1794	495511.06	3859051.99	1.14E-04	1.40E-04	1.23E-04	3.96E-08	1.19E-07	6.91E-08	8.47E-08	7.68E-08	3.50E-08	3.07E-08	1.32E-09	3.19E-08	7.04E-09	1.15E-08	1.82E-08	3.22E-09	1.61E-08	8.93E-08
1795	495561.06	3859051.99	1.13E-04	1.38E-04	1.21E-04	3.92E-08	1.18E-07	6.85E-08	8.38E-08	7.60E-08	3.47E-08	3.04E-08	1.31E-09	3.16E-08	6.97E-09	1.14E-08	1.81E-08	3.18E-09	1.59E-08	8.84E-08
1796	495611.06	3859051.99	1.12E-04	1.37E-04	1.20E-04	3.88E-08	1.17E-07	6.78E-08	8.31E-08	7.53E-08	3.44E-08	3.01E-08	1.30E-09	3.13E-08	6.91E-09	1.13E-08	1.79E-08	3.15E-09	1.58E-08	8.76E-08
1797	495661.06	3859051.99	1.12E-04	1.38E-04	1.21E-04	3.90E-08	1.18E-07	6.81E-08	8.34E-08	7.56E-08	3.45E-08	3.02E-08	1.30E-09	3.14E-08	6.93E-09	1.13E-08	1.80E-08	3.17E-09	1.59E-08	8.80E-08
1798	494311.06	3859101.99	1.49E-04	1.83E-04	1.60E-04	5.16E-08	1.56E-07	9.03E-08	1.11E-07	1.00E-07	4.57E-08	4.01E-08	1.72E-09	4.17E-08	9.19E-09	1.50E-08	2.38E-08	4.20E-09	2.10E-08	1.17E-07
1799	494361.06	3859101.99	1.48E-04	1.81E-04	1.59E-04	5.13E-08	1.55E-07	8.97E-08	1.10E-07	9.95E-08	4.54E-08	3.98E-08	1.71E-09	4.14E-08	9.13E-09	1.49E-08	2.37E-08	4.17E-09	2.09E-08	1.16E-07
1800	494411.06	3859101.99	1.47E-04	1.80E-04	1.58E-04	5.10E-08	1.54E-07	8.91E-08	1.09E-07	9.90E-08	4.52E-08	3.96E-08	1.70E-09	4.11E-08	9.08E-09	1.48E-08	2.35E-08	4.14E-09	2.08E-08	1.15E-07
1801	494461.06	3859101.99	1.46E-04	1.78E-04	1.56E-04	5.05E-08	1.52E-07	8.83E-08	1.08E-07	9.80E-08	4.47E-08	3.92E-08	1.69E-09	4.07E-08	8.99E-09	1.47E-08	2.33E-08	4.10E-09	2.06E-08	1.14E-07
1802	494511.06	3859101.99	1.44E-04	1.76E-04	1.54E-04	4.98E-08	1.50E-07	8.70E-08	1.07E-07	9.66E-08	4.41E-08	3.86E-08	1.66E-09	4.02E-08	8.86E-09	1.45E-08	2.30E-08	4.05E-09	2.03E-08	1.12E-07
1803	494561.06	3859101.99	1.42E-04	1.74E-04	1.52E-04	4.92E-08	1.49E-07	8.60E-08	1.05E-07	9.55E-08	4.36E-08	3.82E-08	1.64E-09	3.97E-08	8.76E-09	1.43E-08	2.27E-08	4.00E-09	2.00E-08	1.11E-07
1804	494611.06	3859101.99	1.39E-04	1.71E-04	1.50E-04	4.83E-08	1.46E-07	8.45E-08	1.03E-07	9.38E-08	4.28E-08	3.75E-08	1.61E-09	3.90E-08	8.60E-09	1.40E-08	2.23E-08	3.93E-09	1.97E-08	1.09E-07
1805	494661.06	3859101.99	1.38E-04	1.69E-04	1.48E-04	4.78E-08	1.44E-07	8.35E-08	1.02E-07	9.27E-08	4.23E-08	3.71E-08	1.60E-09	3.85E-08	8.50E-09	1.39E-08	2.20E-08	3.88E-09	1.94E-08	1.08E-07
1806	494711.06	3859101.99	1.35E-04	1.65E-04	1.45E-04	4.67E-08	1.41E-07	8.17E-08	1.00E-07	9.07E-08	4.14E-08	3.63E-08	1.56E-09	3.77E-08	8.32E-09	1.36E-08	2.16E-08	3.80E-09	1.90E-08	1.06E-07
1807	494761.06	3859101.99	1.34E-04	1.64E-04	1.44E-04	4.65E-08	1.40E-07	8.12E-08	9.95E-08	9.02E-08	4.12E-08	3.61E-08	1.55E-09	3.75E-08	8.27E-09	1.35E-08	2.14E-08	3.78E-09	1.89E-08	1.05E-07
1808	494811.06	3859101.99	1.32E-04	1.62E-04	1.42E-04	4.58E-08	1.38E-07	8.00E-08	9.80E-08	8.89E-08	4.05E-08	3.55E-08	1.53E-09	3.69E-08	8.15E-09	1.33E-08	2.11E-08	3.72E-09	1.86E-08	1.03E-07

1809	494861.06	3859101.99	1.30E-04	1.60E-04	1.40E-04	4.52E-08	1.36E-07	7.90E-08	9.67E-08	8.77E-08	4.00E-08	3.50E-08	1.51E-09	3.64E-08	8.04E-09	1.31E-08	2.08E-08	3.67E-09	1.84E-08	1.02E-07
1810	494911.06	3859101.99	1.28E-04	1.56E-04	1.37E-04	4.43E-08	1.34E-07	7.74E-08	9.48E-08	8.59E-08	3.92E-08	3.43E-08	1.48E-09	3.57E-08	7.88E-09	1.29E-08	2.04E-08	3.60E-09	1.80E-08	1.00E-07
1811	494961.06	3859101.99	1.24E-04	1.52E-04	1.33E-04	4.29E-08	1.29E-07	7.50E-08	9.18E-08	8.32E-08	3.80E-08	3.33E-08	1.43E-09	3.46E-08	7.63E-09	1.25E-08	1.98E-08	3.48E-09	1.75E-08	9.68E-08
1812	495011.06	3859101.99	1.19E-04	1.46E-04	1.28E-04	4.14E-08	1.25E-07	7.24E-08	8.86E-08	8.04E-08	3.67E-08	3.21E-08	1.38E-09	3.34E-08	7.37E-09	1.20E-08	1.91E-08	3.36E-09	1.69E-08	9.35E-08
1813	495061.06	3859101.99	1.19E-04	1.46E-04	1.28E-04	4.14E-08	1.25E-07	7.24E-08	8.86E-08	8.03E-08	3.67E-08	3.21E-08	1.38E-09	3.34E-08	7.37E-09	1.20E-08	1.91E-08	3.36E-09	1.69E-08	9.35E-08
1814	495111.06	3859101.99	1.18E-04	1.45E-04	1.27E-04	4.10E-08	1.24E-07	7.16E-08	8.77E-08	7.95E-08	3.63E-08	3.18E-08	1.37E-09	3.31E-08	7.29E-09	1.19E-08	1.89E-08	3.33E-09	1.67E-08	9.26E-08
1815	495161.06	3859101.99	1.19E-04	1.46E-04	1.28E-04	4.12E-08	1.25E-07	7.21E-08	8.83E-08	8.00E-08	3.65E-08	3.20E-08	1.38E-09	3.33E-08	7.34E-09	1.20E-08	1.90E-08	3.35E-09	1.68E-08	9.31E-08
1816	495211.06	3859101.99	1.18E-04	1.44E-04	1.27E-04	4.09E-08	1.23E-07	7.14E-08	8.75E-08	7.93E-08	3.62E-08	3.17E-08	1.36E-09	3.30E-08	7.27E-09	1.19E-08	1.88E-08	3.32E-09	1.66E-08	9.23E-08
1817	495261.06	3859101.99	1.18E-04	1.44E-04	1.27E-04	4.09E-08	1.23E-07	7.14E-08	8.75E-08	7.93E-08	3.62E-08	3.17E-08	1.36E-09	3.30E-08	7.27E-09	1.19E-08	1.88E-08	3.32E-09	1.66E-08	9.23E-08
1818	495311.06	3859101.99	1.18E-04	1.44E-04	1.26E-04	4.08E-08	1.23E-07	7.12E-08	8.73E-08	7.91E-08	3.61E-08	3.16E-08	1.36E-09	3.29E-08	7.25E-09	1.18E-08	1.88E-08	3.31E-09	1.66E-08	9.20E-08
1819	495361.06	3859101.99	1.18E-04	1.44E-04	1.26E-04	4.07E-08	1.23E-07	7.12E-08	8.72E-08	7.91E-08	3.61E-08	3.16E-08	1.36E-09	3.29E-08	7.25E-09	1.18E-08	1.88E-08	3.31E-09	1.66E-08	9.20E-08
1820	495411.06	3859101.99	1.17E-04	1.44E-04	1.26E-04	4.06E-08	1.23E-07	7.10E-08	8.70E-08	7.89E-08	3.60E-08	3.15E-08	1.36E-09	3.28E-08	7.23E-09	1.18E-08	1.87E-08	3.30E-09	1.65E-08	9.18E-08
1821	495461.06	3859101.99	1.16E-04	1.43E-04	1.25E-04	4.03E-08	1.22E-07	7.05E-08	8.64E-08	7.83E-08	3.57E-08	3.13E-08	1.35E-09	3.25E-08	7.18E-09	1.17E-08	1.86E-08	3.28E-09	1.64E-08	9.11E-08
1822	495511.06	3859101.99	1.16E-04	1.42E-04	1.24E-04	4.01E-08	1.21E-07	7.02E-08	8.59E-08	7.79E-08	3.55E-08	3.11E-08	1.34E-09	3.24E-08	7.14E-09	1.17E-08	1.85E-08	3.26E-09	1.63E-08	9.06E-08
1823	495561.06	3859101.99	1.15E-04	1.40E-04	1.23E-04	3.97E-08	1.20E-07	6.95E-08	8.51E-08	7.71E-08	3.52E-08	3.08E-08	1.33E-09	3.21E-08	7.07E-09	1.15E-08	1.83E-08	3.23E-09	1.62E-08	8.97E-08
1824	495611.06	3859101.99	1.13E-04	1.39E-04	1.22E-04	3.93E-08	1.19E-07	6.87E-08	8.42E-08	7.63E-08	3.48E-08	3.05E-08	1.31E-09	3.17E-08	7.00E-09	1.14E-08	1.81E-08	3.20E-09	1.60E-08	8.88E-08
1825	495661.06	3859101.99	1.13E-04	1.39E-04	1.22E-04	3.93E-08	1.19E-07	6.87E-08	8.41E-08	7.62E-08	3.48E-08	3.05E-08	1.31E-09	3.17E-08	6.99E-09	1.14E-08	1.81E-08	3.19E-09	1.60E-08	8.87E-08
1826	494311.06	3859151.99	1.49E-04	1.83E-04	1.60E-04	5.17E-08	1.56E-07	9.04E-08	1.11E-07	1.00E-07	4.58E-08	4.01E-08	1.73E-09	4.17E-08	9.21E-09	1.50E-08	2.39E-08	4.20E-09	2.11E-08	1.17E-07
1827	494361.06	3859151.99	1.49E-04	1.82E-04	1.59E-04	5.15E-08	1.55E-07	9.00E-08	1.10E-07	9.99E-08	4.56E-08	3.99E-08	1.72E-09	4.15E-08	9.16E-09	1.50E-08	2.37E-08	4.18E-09	2.10E-08	1.16E-07
1828	494411.06	3859151.99	1.47E-04	1.80E-04	1.58E-04	5.09E-08	1.54E-07	8.90E-08	1.09E-07	9.89E-08	4.51E-08	3.95E-08	1.70E-09	4.11E-08	9.07E-09	1.48E-08	2.35E-08	4.14E-09	2.07E-08	1.15E-07
1829	494461.06	3859151.99	1.45E-04	1.78E-04	1.56E-04	5.04E-08	1.52E-07	8.81E-08	1.08E-07	9.78E-08	4.46E-08	3.91E-08	1.68E-09	4.06E-08	8.97E-09	1.46E-08	2.32E-08	4.09E-09	2.05E-08	1.14E-07
1830	494511.06	3859151.99	1.43E-04	1.75E-04	1.54E-04	4.96E-08	1.50E-07	8.68E-08	1.06E-07	9.64E-08	4.40E-08	3.85E-08	1.66E-09	4.00E-08	8.84E-09	1.44E-08	2.29E-08	4.03E-09	2.02E-08	1.12E-07
1831	494561.06	3859151.99	1.42E-04	1.74E-04	1.52E-04	4.92E-08	1.49E-07	8.60E-08	1.05E-07	9.55E-08	4.36E-08	3.82E-08	1.64E-09	3.97E-08	8.76E-09	1.43E-08	2.27E-08	4.00E-09	2.00E-08	1.11E-07
1832	494611.06	3859151.99	1.40E-04	1.71E-04	1.50E-04	4.84E-08	1.46E-07	8.47E-08	1.04E-07	9.40E-08	4.29E-08	3.76E-08	1.62E-09	3.91E-08	8.62E-09	1.41E-08	2.23E-08	3.94E-09	1.97E-08	1.09E-07
1833	494661.06	3859151.99	1.38E-04	1.69E-04	1.48E-04	4.79E-08	1.45E-07	8.38E-08	1.03E-07	9.30E-08	4.25E-08	3.72E-08	1.60E-09	3.87E-08	8.53E-09	1.39E-08	2.21E-08	3.90E-09	1.95E-08	1.08E-07
1834	494711.06	3859151.99	1.37E-04	1.68E-04	1.47E-04	4.75E-08	1.43E-07	8.31E-08	1.02E-07	9.22E-08	4.21E-08	3.69E-08	1.59E-09	3.83E-08	8.46E-09	1.38E-08	2.19E-08	3.86E-09	1.93E-08	1.07E-07
1835	494761.06	3859151.99	1.35E-04	1.65E-04	1.44E-04	4.66E-08	1.41E-07	8.15E-08	9.98E-08	9.05E-08	4.13E-08	3.62E-08	1.56E-09	3.76E-08	8.30E-09	1.36E-08	2.15E-08	3.79E-09	1.90E-08	1.05E-07
1836	494811.06	3859151.99	1.32E-04	1.62E-04	1.42E-04	4.59E-08	1.38E-07	8.02E-08	9.82E-08	8.90E-08	4.06E-08	3.56E-08	1.53E-09	3.70E-08	8.16E-09	1.33E-08	2.11E-08	3.73E-09	1.87E-08	1.04E-07
1837	494861.06	3859151.99	1.31E-04	1.60E-04	1.40E-04	4.53E-08	1.37E-07	7.93E-08	9.71E-08	8.80E-08	4.02E-08	3.52E-08	1.51E-09	3.66E-08	8.07E-09	1.32E-08	2.09E-08	3.69E-09	1.85E-08	1.02E-07
1838	494911.06	3859151.99	1.28E-04	1.57E-04	1.37E-04	4.44E-08	1.34E-07	7.76E-08	9.50E-08	8.61E-08	3.93E-08	3.44E-08	1.48E-09	3.58E-08	7.90E-09	1.29E-08	2.05E-08	3.61E-09	1.81E-08	1.00E-07
1839	494961.06	3859151.99	1.24E-04	1.52E-04	1.33E-04	4.31E-08	1.30E-07	7.53E-08	9.23E-08	8.37E-08	3.82E-08	3.34E-08	1.44E-09	3.48E-08	7.67E-09	1.25E-08	1.99E-08	3.50E-09	1.76E-08	9.73E-08
1840	495011.06	3859151.99	1.21E-04	1.48E-04	1.29E-04	4.18E-08	1.26E-07	7.30E-08	8.94E-08	8.11E-08	3.70E-08	3.24E-08	1.40E-09	3.37E-08	7.44E-09	1.21E-08	1.93E-08	3.40E-09	1.70E-08	9.43E-08
1841	495061.06	3859151.99	1.20E-04	1.47E-04	1.29E-04	4.16E-08	1.26E-07	7.28E-08	8.92E-08	8.08E-08	3.69E-08	3.23E-08	1.39E-09	3.36E-08	7.41E-09	1.21E-08	1.92E-08	3.38E-09	1.70E-08	9.40E-08
1842	495111.06	3859151.99	1.19E-04	1.46E-04	1.28E-04	4.14E-08	1.25E-07	7.24E-08	8.86E-08	8.03E-08	3.67E-08	3.21E-08	1.38E-09	3.34E-08	7.37E-09	1.20E-08	1.91E-08	3.36E-09	1.69E-08	9.35E-08
1843	495161.06	3859151.99	1.20E-04	1.47E-04	1.29E-04	4.16E-08	1.26E-07	7.28E-08	8.92E-08	8.08E-08	3.69E-08	3.23E-08	1.39E-09	3.36E-08	7.41E-09	1.21E-08	1.92E-08	3.38E-09	1.70E-08	9.41E-08
1844	495211.06	3859151.99	1.20E-04	1.46E-04	1.28E-04	4.14E-08	1.25E-07	7.24E-08	8.87E-08	8.04E-08	3.67E-08	3.22E-08	1.38E-09	3.34E-08	7.38E-09	1.20E-08	1.91E-08	3.37E-09	1.69E-08	9.36E-08
1845	495261.06	3859151.99	1.19E-04	1.46E-04	1.28E-04	4.13E-08	1.25E-07	7.21E-08	8.83E-08	8.01E-08	3.65E-08	3.20E-08	1.38E-09	3.33E-08	7.34E-09	1.20E-08	1.90E-08	3.35E-09	1.68E-08	9.32E-08
1846	495311.06	3859151.99	1.19E-04	1.45E-04	1.27E-04	4.11E-08	1.24E-07	7.19E-08	8.80E-08	7.98E-08	3.64E-08	3.19E-08	1.37E-09	3.32E-08	7.32E-09	1.20E-08	1.90E-08	3.34E-09	1.67E-08	9.29E-08
1847	495361.06	3859151.99	1.18E-04	1.45E-04	1.27E-04	4.10E-08	1.24E-07	7.16E-08	8.77E-08	7.95E-08	3.63E-08	3.18E-08	1.37E-09	3.30E-08	7.29E-09	1.19E-08	1.89E-08	3.33E-09	1.67E-08	9.25E-08
1848	495411.06	3859151.99	1.19E-04	1.45E-04	1.27E-04	4.11E-08	1.24E-07	7.19E-08	8.81E-08	7.98E-08	3.64E-08	3.19E-08	1.37E-09	3.32E-08	7.32E-09	1.20E-08	1.90E-08	3.34E-09	1.67E-08	9.29E-08
1849	495461.06	3859151.99	1.18E-04	1.45E-04	1.27E-04	4.10E-08	1.24E-07	7.16E-08	8.77E-08	7.95E-08	3.63E-08	3.18E-08	1.37E-09	3.31E-08	7.29E-09	1.19E-08	1.89E-08	3.33E-09	1.67E-08	9.25E-08
1850	495511.06	3859151.99	1.17E-04	1.43E-04	1.25E-04	4.05E-08	1.22E-07	7.08E-08	8.67E-08	7.86E-08	3.59E-08	3.14E-08	1.35E-09	3.27E-08	7.21E-09	1.18E-08	1.87E-08	3.29E-09	1.65E-08	9.15E-08
1851	495561.06	3859151.99	1.16E-04	1.42E-04	1.24E-04	4.02E-08	1.21E-07	7.02E-08	8.60E-08	7.80E-08	3.56E-08	3.12E-08	1.34E-09	3.24E-08	7.15E-09	1.17E-08	1.85E-08	3.27E-09	1.64E-08	9.08E-08
1852	495611.06	3859151.99	1.15E-04	1.41E-04	1.24E-04	3.99E-08	1.20E-07	6.98E-08	8.54E-08	7.74E-08	3.53E-08	3.10E-08	1.33E-09	3.22E-08	7.10E-09	1.16E-08	1.84E-08	3.24E-09	1.63E-08	9.01E-08
1853	495661.06	3859151.99	1.14E-04	1.40E-04	1.23E-04	3.97E-08	1.20E-07	6.93E-08	8.49E-08	7.70E-08	3.51E-08	3.08E-08	1.32E-09	3.20E-08	7.06E-09	1.15E-08	1.83E-08	3.22E-09	1.62E-08	8.96E-08
1854	494311.06	3859201.99	1.49E-04	1.83E-04	1.60E-04	5.17E-08	1.56E-07	9.03E-08	1.11E-07	1.00E-07	4.58E-08	4.01E-08	1.73E-09	4.17E-08	9.20E-09	1.50E-08	2.38E-08	4.20E-09	2.10E-08	1.17E-07
1855	494361.06	3859201.99	1.48E-04	1.81E-04	1.59E-04	5.13E-08	1.55E-07	8.97E-08	1.10E-07	9.96E-08	4.55E-08	3.98E-08	1.71E-09	4.14E-08	9.14E-09	1.49E-08	2.37E-08	4.17E-09	2.09E-08	1.16E-07
1856	494411.06	3859201.99	1.47E-04	1.80E-04	1.58E-04	5.09E-08	1.54E-07	8.89E-08	1.09E-07	9.87E-08	4.51E-08	3.95E-08	1.70E-09	4.10E-08	9.06E-09	1.48E-08	2.35E-08	4.13E-09	2.07E-08	1.15E-07
1857	494461.06	3859201.99	1.45E-04	1.78E-04	1.56E-04	5.02E-08	1.52E-07	8.78E-08	1.08E-07	9.75E-08	4.45E-08	3.90E-08	1.68E-09	4.05E-08	8.94E-09	1.46E-08	2.32E-08	4.08E-09	2.05E-08	1.13E-07
1858	494511.06	3859201.99	1.44E-04	1.76E-04	1.54E-04	4.98E-08	1.50E-07	8.70E-08	1.07E-07	9.66E-08	4.41E-08	3.86E-08	1.66E-09	4.01E-08	8.86E-09	1.45E-08	2.30E-08	4.04E-09	2.03E-08	1.12E-07
1859	494561.06	3859201.99	1.41E-04	1.73E-04	1.52E-04	4.90E-08	1.48E-07	8.57E-08	1.05E-07	9.52E-08	4.34E-08	3.80E-08	1.64E-09	3.96E-08	8.73E-09	1.43E-08	2.26E-08	3.99E-09	2.00E-08	1.11E-07
1860	494611.06	3859201.99	1.40E-04	1.71E-04	1.50E-04	4.84E-08	1.46E-07	8.47E-08	1.04E-07	9.40E-08	4.29E-08	3.76E-08	1.62E-09	3.91E-08	8.62E-09	1.41E-08	2.23E-08	3.94E-09	1.97E-08	1.09E-07
1861	494661.06	3859201.99	1.38E-04	1.70E-04	1.49E-04	4.80E-08	1.45E-07	8.38E-08	1.03E-07	9.31E-08	4.25E-08	3.72E-08	1.60E-09	3.87E-08	8.54E-09	1.39E-08	2.21E-08	3.90E-09	1.95E-08	1.08E-07
1862	494711.06	3859201.99	1.37E-04	1.68E-04	1.47E-04	4.75E-08	1.43E-07	8.30E-08	1.02E-07	9.21E-08	4.20E-08	3.68E-08	1.59E-09	3.83E-08	8.45E-09	1.38E-08	2.19E-08	3.86E-09	1.93E-08	1.07E-07
1863	494761.06	3859201.99	1.35E-04	1.65E-04	1.45E-04	4.67E-08	1.41E-07	8.16E-08	9.99E-08	9.06E-08	4.13E-08	3.62E-08	1.56E-09	3.76E-08	8.31E-09	1.36E-08	2.15E-08	3.79E-09	1.90E-08	1.05E-07

1864	494811.06	3859201.99	1.33E-04	1.63E-04	1.42E-04	4.60E-08	1.39E-07	8.04E-08	9.85E-08	8.93E-08	4.07E-08	3.57E-08	1.54E-09	3.71E-08	8.19E-09	1.34E-08	2.12E-08	3.74E-09	1.87E-08	1.04E-07
1865	494861.06	3859201.99	1.31E-04	1.60E-04	1.40E-04	4.52E-08	1.37E-07	7.91E-08	9.68E-08	8.78E-08	4.01E-08	3.51E-08	1.51E-09	3.65E-08	8.05E-09	1.31E-08	2.09E-08	3.68E-09	1.84E-08	1.02E-07
1866	494911.06	3859201.99	1.27E-04	1.56E-04	1.37E-04	4.42E-08	1.33E-07	7.72E-08	9.46E-08	8.57E-08	3.91E-08	3.43E-08	1.48E-09	3.56E-08	7.86E-09	1.28E-08	2.04E-08	3.59E-09	1.80E-08	9.98E-08
1867	494961.06	3859201.99	1.24E-04	1.52E-04	1.33E-04	4.31E-08	1.30E-07	7.53E-08	9.22E-08	8.36E-08	3.81E-08	3.34E-08	1.44E-09	3.47E-08	7.67E-09	1.25E-08	1.99E-08	3.50E-09	1.75E-08	9.73E-08
1868	495011.06	3859201.99	1.20E-04	1.47E-04	1.29E-04	4.16E-08	1.26E-07	7.27E-08	8.90E-08	8.07E-08	3.68E-08	3.23E-08	1.39E-09	3.35E-08	7.40E-09	1.21E-08	1.92E-08	3.38E-09	1.69E-08	9.39E-08
1869	495061.06	3859201.99	1.21E-04	1.49E-04	1.30E-04	4.21E-08	1.27E-07	7.36E-08	9.01E-08	8.17E-08	3.73E-08	3.27E-08	1.41E-09	3.39E-08	7.49E-09	1.22E-08	1.94E-08	3.42E-09	1.71E-08	9.50E-08
1870	495111.06	3859201.99	1.21E-04	1.49E-04	1.30E-04	4.20E-08	1.27E-07	7.35E-08	9.00E-08	8.16E-08	3.72E-08	3.26E-08	1.40E-09	3.39E-08	7.48E-09	1.22E-08	1.94E-08	3.42E-09	1.71E-08	9.50E-08
1871	495161.06	3859201.99	1.21E-04	1.48E-04	1.30E-04	4.19E-08	1.27E-07	7.33E-08	8.98E-08	8.14E-08	3.71E-08	3.25E-08	1.40E-09	3.38E-08	7.46E-09	1.22E-08	1.93E-08	3.41E-09	1.71E-08	9.47E-08
1872	495211.06	3859201.99	1.20E-04	1.47E-04	1.29E-04	4.16E-08	1.26E-07	7.27E-08	8.91E-08	8.07E-08	3.68E-08	3.23E-08	1.39E-09	3.36E-08	7.40E-09	1.21E-08	1.92E-08	3.38E-09	1.69E-08	9.39E-08
1873	495261.06	3859201.99	1.20E-04	1.47E-04	1.29E-04	4.16E-08	1.26E-07	7.27E-08	8.90E-08	8.07E-08	3.68E-08	3.23E-08	1.39E-09	3.35E-08	7.40E-09	1.21E-08	1.92E-08	3.38E-09	1.69E-08	9.39E-08
1874	495311.06	3859201.99	1.20E-04	1.46E-04	1.28E-04	4.14E-08	1.25E-07	7.24E-08	8.87E-08	8.04E-08	3.67E-08	3.22E-08	1.38E-09	3.34E-08	7.38E-09	1.20E-08	1.91E-08	3.37E-09	1.69E-08	9.36E-08
1875	495361.06	3859201.99	1.19E-04	1.46E-04	1.28E-04	4.14E-08	1.25E-07	7.23E-08	8.85E-08	8.03E-08	3.66E-08	3.21E-08	1.38E-09	3.34E-08	7.36E-09	1.20E-08	1.91E-08	3.36E-09	1.68E-08	9.34E-08
1876	495411.06	3859201.99	1.20E-04	1.47E-04	1.28E-04	4.15E-08	1.25E-07	7.25E-08	8.88E-08	8.05E-08	3.67E-08	3.22E-08	1.38E-09	3.34E-08	7.38E-09	1.21E-08	1.91E-08	3.37E-09	1.69E-08	9.36E-08
1877	495461.06	3859201.99	1.19E-04	1.46E-04	1.28E-04	4.12E-08	1.24E-07	7.21E-08	8.83E-08	8.00E-08	3.65E-08	3.20E-08	1.38E-09	3.33E-08	7.34E-09	1.20E-08	1.90E-08	3.35E-09	1.68E-08	9.31E-08
1878	495511.06	3859201.99	1.18E-04	1.45E-04	1.27E-04	4.10E-08	1.24E-07	7.17E-08	8.78E-08	7.96E-08	3.63E-08	3.18E-08	1.37E-09	3.31E-08	7.30E-09	1.19E-08	1.89E-08	3.33E-09	1.67E-08	9.26E-08
1879	495561.06	3859201.99	1.17E-04	1.43E-04	1.25E-04	4.05E-08	1.22E-07	7.08E-08	8.67E-08	7.86E-08	3.59E-08	3.14E-08	1.35E-09	3.27E-08	7.21E-09	1.18E-08	1.87E-08	3.29E-09	1.65E-08	9.15E-08
1880	495611.06	3859201.99	1.16E-04	1.42E-04	1.24E-04	4.02E-08	1.21E-07	7.02E-08	8.60E-08	7.80E-08	3.56E-08	3.12E-08	1.34E-09	3.24E-08	7.15E-09	1.17E-08	1.85E-08	3.26E-09	1.64E-08	9.07E-08
1881	495661.06	3859201.99	1.15E-04	1.41E-04	1.24E-04	3.99E-08	1.21E-07	6.98E-08	8.55E-08	7.75E-08	3.54E-08	3.10E-08	1.33E-09	3.22E-08	7.11E-09	1.16E-08	1.84E-08	3.25E-09	1.63E-08	9.02E-08
1882	494311.06	3859251.99	1.49E-04	1.82E-04	1.60E-04	5.16E-08	1.56E-07	9.01E-08	1.10E-07	1.00E-07	4.57E-08	4.00E-08	1.72E-09	4.16E-08	9.18E-09	1.50E-08	2.38E-08	4.19E-09	2.10E-08	1.16E-07
1883	494361.06	3859251.99	1.47E-04	1.81E-04	1.58E-04	5.11E-08	1.54E-07	8.93E-08	1.09E-07	9.91E-08	4.52E-08	3.96E-08	1.71E-09	4.12E-08	9.09E-09	1.48E-08	2.36E-08	4.15E-09	2.08E-08	1.15E-07
1884	494411.06	3859251.99	1.46E-04	1.78E-04	1.56E-04	5.05E-08	1.52E-07	8.82E-08	1.08E-07	9.79E-08	4.47E-08	3.92E-08	1.69E-09	4.07E-08	8.98E-09	1.47E-08	2.33E-08	4.10E-09	2.06E-08	1.14E-07
1885	494461.06	3859251.99	1.44E-04	1.77E-04	1.55E-04	5.00E-08	1.51E-07	8.75E-08	1.07E-07	9.71E-08	4.43E-08	3.88E-08	1.67E-09	4.04E-08	8.91E-09	1.45E-08	2.31E-08	4.07E-09	2.04E-08	1.13E-07
1886	494511.06	3859251.99	1.42E-04	1.74E-04	1.53E-04	4.93E-08	1.49E-07	8.62E-08	1.06E-07	9.58E-08	4.37E-08	3.83E-08	1.65E-09	3.98E-08	8.78E-09	1.43E-08	2.28E-08	4.01E-09	2.01E-08	1.11E-07
1887	494561.06	3859251.99	1.41E-04	1.73E-04	1.51E-04	4.89E-08	1.48E-07	8.54E-08	1.05E-07	9.48E-08	4.33E-08	3.79E-08	1.63E-09	3.94E-08	8.70E-09	1.42E-08	2.25E-08	3.97E-09	1.99E-08	1.10E-07
1888	494611.06	3859251.99	1.39E-04	1.71E-04	1.49E-04	4.82E-08	1.46E-07	8.43E-08	1.03E-07	9.36E-08	4.27E-08	3.74E-08	1.61E-09	3.89E-08	8.59E-09	1.40E-08	2.22E-08	3.92E-09	1.96E-08	1.09E-07
1889	494661.06	3859251.99	1.38E-04	1.69E-04	1.48E-04	4.79E-08	1.45E-07	8.37E-08	1.03E-07	9.30E-08	4.24E-08	3.72E-08	1.60E-09	3.86E-08	8.52E-09	1.39E-08	2.21E-08	3.89E-09	1.95E-08	1.08E-07
1890	494711.06	3859251.99	1.37E-04	1.68E-04	1.47E-04	4.74E-08	1.43E-07	8.29E-08	1.02E-07	9.20E-08	4.20E-08	3.68E-08	1.58E-09	3.83E-08	8.44E-09	1.38E-08	2.19E-08	3.85E-09	1.93E-08	1.07E-07
1891	494761.06	3859251.99	1.34E-04	1.64E-04	1.43E-04	4.63E-08	1.40E-07	8.09E-08	9.91E-08	8.98E-08	4.10E-08	3.59E-08	1.55E-09	3.73E-08	8.24E-09	1.34E-08	2.13E-08	3.76E-09	1.88E-08	1.04E-07
1892	494811.06	3859251.99	1.33E-04	1.63E-04	1.43E-04	4.60E-08	1.39E-07	8.05E-08	9.86E-08	8.94E-08	4.08E-08	3.57E-08	1.54E-09	3.71E-08	8.20E-09	1.34E-08	2.12E-08	3.74E-09	1.88E-08	1.04E-07
1893	494861.06	3859251.99	1.30E-04	1.59E-04	1.39E-04	4.50E-08	1.36E-07	7.86E-08	9.62E-08	8.72E-08	3.98E-08	3.49E-08	1.50E-09	3.63E-08	8.00E-09	1.31E-08	2.07E-08	3.65E-09	1.83E-08	1.02E-07
1894	494911.06	3859251.99	1.27E-04	1.55E-04	1.36E-04	4.39E-08	1.33E-07	7.68E-08	9.41E-08	8.53E-08	3.89E-08	3.41E-08	1.47E-09	3.54E-08	7.82E-09	1.28E-08	2.03E-08	3.57E-09	1.79E-08	9.92E-08
1895	494961.06	3859251.99	1.25E-04	1.53E-04	1.34E-04	4.34E-08	1.31E-07	7.58E-08	9.29E-08	8.42E-08	3.84E-08	3.37E-08	1.45E-09	3.50E-08	7.72E-09	1.26E-08	2.00E-08	3.53E-09	1.77E-08	9.80E-08
1896	495011.06	3859251.99	1.23E-04	1.51E-04	1.32E-04	4.27E-08	1.29E-07	7.47E-08	9.15E-08	8.29E-08	3.78E-08	3.32E-08	1.43E-09	3.45E-08	7.61E-09	1.24E-08	1.97E-08	3.47E-09	1.74E-08	9.65E-08
1897	495061.06	3859251.99	1.23E-04	1.51E-04	1.32E-04	4.27E-08	1.29E-07	7.47E-08	9.15E-08	8.30E-08	3.79E-08	3.32E-08	1.43E-09	3.45E-08	7.61E-09	1.24E-08	1.97E-08	3.47E-09	1.74E-08	9.65E-08
1898	495111.06	3859251.99	1.23E-04	1.50E-04	1.32E-04	4.25E-08	1.28E-07	7.42E-08	9.09E-08	8.24E-08	3.76E-08	3.30E-08	1.42E-09	3.43E-08	7.56E-09	1.23E-08	1.96E-08	3.45E-09	1.73E-08	9.59E-08
1899	495161.06	3859251.99	1.22E-04	1.50E-04	1.31E-04	4.23E-08	1.28E-07	7.40E-08	9.06E-08	8.22E-08	3.75E-08	3.29E-08	1.41E-09	3.41E-08	7.54E-09	1.23E-08	1.95E-08	3.44E-09	1.72E-08	9.56E-08
1900	495211.06	3859251.99	1.21E-04	1.49E-04	1.30E-04	4.20E-08	1.27E-07	7.35E-08	9.00E-08	8.16E-08	3.72E-08	3.26E-08	1.40E-09	3.39E-08	7.48E-09	1.22E-08	1.94E-08	3.42E-09	1.71E-08	9.49E-08
1901	495261.06	3859251.99	1.21E-04	1.48E-04	1.30E-04	4.19E-08	1.27E-07	7.33E-08	8.98E-08	8.14E-08	3.71E-08	3.25E-08	1.40E-09	3.38E-08	7.47E-09	1.22E-08	1.93E-08	3.41E-09	1.71E-08	9.47E-08
1902	495311.06	3859251.99	1.21E-04	1.48E-04	1.30E-04	4.19E-08	1.26E-07	7.32E-08	8.97E-08	8.13E-08	3.71E-08	3.25E-08	1.40E-09	3.38E-08	7.46E-09	1.22E-08	1.93E-08	3.40E-09	1.71E-08	9.46E-08
1903	495361.06	3859251.99	1.20E-04	1.47E-04	1.29E-04	4.17E-08	1.26E-07	7.29E-08	8.93E-08	8.09E-08	3.69E-08	3.24E-08	1.39E-09	3.36E-08	7.42E-09	1.21E-08	1.92E-08	3.39E-09	1.70E-08	9.42E-08
1904	495411.06	3859251.99	1.20E-04	1.48E-04	1.29E-04	4.17E-08	1.26E-07	7.30E-08	8.94E-08	8.10E-08	3.70E-08	3.24E-08	1.39E-09	3.37E-08	7.43E-09	1.21E-08	1.93E-08	3.39E-09	1.70E-08	9.43E-08
1905	495461.06	3859251.99	1.20E-04	1.47E-04	1.29E-04	4.15E-08	1.25E-07	7.26E-08	8.89E-08	8.06E-08	3.68E-08	3.22E-08	1.39E-09	3.35E-08	7.39E-09	1.21E-08	1.92E-08	3.38E-09	1.69E-08	9.38E-08
1906	495511.06	3859251.99	1.18E-04	1.45E-04	1.27E-04	4.11E-08	1.24E-07	7.18E-08	8.79E-08	7.97E-08	3.64E-08	3.19E-08	1.37E-09	3.31E-08	7.31E-09	1.19E-08	1.89E-08	3.34E-09	1.67E-08	9.27E-08
1907	495561.06	3859251.99	1.18E-04	1.44E-04	1.26E-04	4.08E-08	1.23E-07	7.13E-08	8.73E-08	7.91E-08	3.61E-08	3.16E-08	1.36E-09	3.29E-08	7.26E-09	1.19E-08	1.88E-08	3.31E-09	1.66E-08	9.21E-08
1908	495611.06	3859251.99	1.16E-04	1.43E-04	1.25E-04	4.04E-08	1.22E-07	7.06E-08	8.64E-08	7.83E-08	3.57E-08	3.13E-08	1.35E-09	3.26E-08	7.19E-09	1.17E-08	1.86E-08	3.28E-09	1.64E-08	9.12E-08
1909	495661.06	3859251.99	1.16E-04	1.42E-04	1.24E-04	4.01E-08	1.21E-07	7.01E-08	8.58E-08	7.78E-08	3.55E-08	3.11E-08	1.34E-09	3.23E-08	7.14E-09	1.17E-08	1.85E-08	3.26E-09	1.63E-08	9.05E-08
1910	494311.06	3859301.99	1.48E-04	1.81E-04	1.59E-04	5.13E-08	1.55E-07	8.97E-08	1.10E-07	9.96E-08	4.54E-08	3.98E-08	1.71E-09	4.14E-08	9.13E-09	1.49E-08	2.37E-08	4.17E-09	2.09E-08	1.16E-07
1911	494361.06	3859301.99	1.47E-04	1.80E-04	1.57E-04	5.08E-08	1.53E-07	8.88E-08	1.09E-07	9.86E-08	4.50E-08	3.94E-08	1.70E-09	4.10E-08	9.05E-09	1.48E-08	2.34E-08	4.13E-09	2.07E-08	1.15E-07
1912	494411.06	3859301.99	1.45E-04	1.78E-04	1.56E-04	5.02E-08	1.52E-07	8.78E-08	1.08E-07	9.75E-08	4.45E-08	3.90E-08	1.68E-09	4.05E-08	8.94E-09	1.46E-08	2.32E-08	4.08E-09	2.05E-08	1.13E-07
1913	494461.06	3859301.99	1.43E-04	1.75E-04	1.54E-04	4.96E-08	1.50E-07	8.68E-08	1.06E-07	9.64E-08	4.40E-08	3.85E-08	1.66E-09	4.00E-08	8.84E-09	1.44E-08	2.29E-08	4.03E-09	2.02E-08	1.12E-07
1914	494511.06	3859301.99	1.42E-04	1.74E-04	1.52E-04	4.91E-08	1.48E-07	8.58E-08	1.05E-07	9.53E-08	4.35E-08	3.81E-08	1.64E-09	3.96E-08	8.74E-09	1.43E-08	2.26E-08	3.99E-09	2.00E-08	1.11E-07
1915	494561.06	3859301.99	1.40E-04	1.72E-04	1.51E-04	4.87E-08	1.47E-07	8.51E-08	1.04E-07	9.45E-08	4.31E-08	3.78E-08	1.63E-09	3.93E-08	8.66E-09	1.41E-08	2.24E-08	3.96E-09	1.98E-08	1.10E-07
1916	494611.06	3859301.99	1.39E-04	1.70E-04	1.49E-04	4.82E-08	1.45E-07	8.42E-08	1.03E-07	9.35E-08	4.27E-08	3.74E-08	1.61E-09	3.89E-08	8.58E-09	1.40E-08	2.22E-08	3.92E-09	1.96E-08	1.09E-07
1917	494661.06	3859301.99	1.38E-04	1.69E-04	1.48E-04	4.77E-08	1.44E-07	8.34E-08	1.02E-07	9.26E-08	4.22E-08	3.70E-08	1.59E-09	3.85E-08	8.49E-09	1.39E-08	2.20E-08	3.88E-09	1.94E-08	1.08E-07
1918	494711.06	3859301.99	1.36E-04	1.66E-04	1.46E-04	4.71E-08	1.42E-07	8.23E-08	1.01E-07	9.14E-08	4.17E-08	3.65E-08	1.57E-09	3.80E-08	8.38E-09	1.37E-08	2.17E-08	3.83E-09	1.92E-08	1.06E-07

1919	494761.06	3859301.99	1.34E-04	1.65E-04	1.44E-04	4.66E-08	1.41E-07	8.14E-08	9.97E-08	9.04E-08	4.12E-08	3.61E-08	1.56E-09	3.76E-08	8.29E-09	1.35E-08	2.15E-08	3.79E-09	1.90E-08	1.05E-07
1920	494811.06	3859301.99	1.32E-04	1.62E-04	1.42E-04	4.58E-08	1.38E-07	8.01E-08	9.81E-08	8.89E-08	4.06E-08	3.55E-08	1.53E-09	3.70E-08	8.15E-09	1.33E-08	2.11E-08	3.72E-09	1.87E-08	1.03E-07
1921	494861.06	3859301.99	1.29E-04	1.58E-04	1.39E-04	4.47E-08	1.35E-07	7.82E-08	9.58E-08	8.68E-08	3.96E-08	3.47E-08	1.49E-09	3.61E-08	7.96E-09	1.30E-08	2.06E-08	3.63E-09	1.82E-08	1.01E-07
1922	494911.06	3859301.99	1.27E-04	1.56E-04	1.37E-04	4.42E-08	1.33E-07	7.72E-08	9.46E-08	8.57E-08	3.91E-08	3.43E-08	1.47E-09	3.56E-08	7.86E-09	1.28E-08	2.04E-08	3.59E-09	1.80E-08	9.97E-08
1923	494961.06	3859301.99	1.24E-04	1.52E-04	1.33E-04	4.31E-08	1.30E-07	7.53E-08	9.22E-08	8.36E-08	3.81E-08	3.34E-08	1.44E-09	3.47E-08	7.66E-09	1.25E-08	1.99E-08	3.50E-09	1.75E-08	9.72E-08
1924	495011.06	3859301.99	1.23E-04	1.51E-04	1.32E-04	4.26E-08	1.29E-07	7.45E-08	9.13E-08	8.27E-08	3.77E-08	3.31E-08	1.42E-09	3.44E-08	7.59E-09	1.24E-08	1.97E-08	3.46E-09	1.74E-08	9.63E-08
1925	495061.06	3859301.99	1.24E-04	1.52E-04	1.33E-04	4.31E-08	1.30E-07	7.53E-08	9.23E-08	8.36E-08	3.82E-08	3.34E-08	1.44E-09	3.48E-08	7.67E-09	1.25E-08	1.99E-08	3.50E-09	1.76E-08	9.73E-08
1926	495111.06	3859301.99	1.23E-04	1.50E-04	1.32E-04	4.25E-08	1.28E-07	7.43E-08	9.10E-08	8.25E-08	3.76E-08	3.30E-08	1.42E-09	3.43E-08	7.56E-09	1.24E-08	1.96E-08	3.45E-09	1.73E-08	9.60E-08
1927	495161.06	3859301.99	1.22E-04	1.50E-04	1.31E-04	4.23E-08	1.28E-07	7.40E-08	9.07E-08	8.22E-08	3.75E-08	3.29E-08	1.41E-09	3.42E-08	7.54E-09	1.23E-08	1.95E-08	3.44E-09	1.72E-08	9.56E-08
1928	495211.06	3859301.99	1.22E-04	1.50E-04	1.31E-04	4.24E-08	1.28E-07	7.42E-08	9.09E-08	8.24E-08	3.76E-08	3.29E-08	1.42E-09	3.42E-08	7.55E-09	1.23E-08	1.96E-08	3.45E-09	1.73E-08	9.59E-08
1929	495261.06	3859301.99	1.22E-04	1.50E-04	1.31E-04	4.24E-08	1.28E-07	7.41E-08	9.07E-08	8.23E-08	3.75E-08	3.29E-08	1.42E-09	3.42E-08	7.54E-09	1.23E-08	1.95E-08	3.44E-09	1.73E-08	9.57E-08
1930	495311.06	3859301.99	1.21E-04	1.48E-04	1.30E-04	4.20E-08	1.27E-07	7.34E-08	8.99E-08	8.15E-08	3.72E-08	3.26E-08	1.40E-09	3.39E-08	7.47E-09	1.22E-08	1.94E-08	3.41E-09	1.71E-08	9.48E-08
1931	495361.06	3859301.99	1.21E-04	1.48E-04	1.30E-04	4.20E-08	1.27E-07	7.33E-08	8.98E-08	8.14E-08	3.72E-08	3.26E-08	1.40E-09	3.38E-08	7.47E-09	1.22E-08	1.93E-08	3.41E-09	1.71E-08	9.48E-08
1932	495411.06	3859301.99	1.21E-04	1.48E-04	1.29E-04	4.18E-08	1.26E-07	7.31E-08	8.95E-08	8.12E-08	3.70E-08	3.24E-08	1.40E-09	3.37E-08	7.44E-09	1.22E-08	1.93E-08	3.40E-09	1.70E-08	9.44E-08
1933	495461.06	3859301.99	1.20E-04	1.47E-04	1.29E-04	4.17E-08	1.26E-07	7.29E-08	8.93E-08	8.10E-08	3.69E-08	3.24E-08	1.39E-09	3.37E-08	7.43E-09	1.21E-08	1.92E-08	3.39E-09	1.70E-08	9.42E-08
1934	495511.06	3859301.99	1.19E-04	1.46E-04	1.28E-04	4.14E-08	1.25E-07	7.23E-08	8.85E-08	8.03E-08	3.66E-08	3.21E-08	1.38E-09	3.34E-08	7.36E-09	1.20E-08	1.91E-08	3.36E-09	1.68E-08	9.34E-08
1935	495561.06	3859301.99	1.18E-04	1.44E-04	1.26E-04	4.08E-08	1.23E-07	7.12E-08	8.73E-08	7.91E-08	3.61E-08	3.16E-08	1.36E-09	3.29E-08	7.25E-09	1.18E-08	1.88E-08	3.31E-09	1.66E-08	9.20E-08
1936	495611.06	3859301.99	1.17E-04	1.43E-04	1.25E-04	4.05E-08	1.22E-07	7.08E-08	8.67E-08	7.86E-08	3.59E-08	3.14E-08	1.35E-09	3.27E-08	7.21E-09	1.18E-08	1.87E-08	3.29E-09	1.65E-08	9.14E-08
1937	495661.06	3859301.99	1.16E-04	1.42E-04	1.25E-04	4.02E-08	1.21E-07	7.03E-08	8.61E-08	7.81E-08	3.56E-08	3.12E-08	1.34E-09	3.24E-08	7.16E-09	1.17E-08	1.85E-08	3.27E-09	1.64E-08	9.08E-08
1938	494311.06	3859351.99	1.47E-04	1.80E-04	1.58E-04	5.09E-08	1.54E-07	8.89E-08	1.09E-07	9.87E-08	4.50E-08	3.95E-08	1.70E-09	4.10E-08	9.05E-09	1.48E-08	2.35E-08	4.13E-09	2.07E-08	1.15E-07
1939	494361.06	3859351.99	1.45E-04	1.78E-04	1.56E-04	5.04E-08	1.52E-07	8.81E-08	1.08E-07	9.78E-08	4.46E-08	3.91E-08	1.68E-09	4.07E-08	8.97E-09	1.47E-08	2.32E-08	4.10E-09	2.05E-08	1.14E-07
1940	494411.06	3859351.99	1.44E-04	1.76E-04	1.54E-04	4.98E-08	1.50E-07	8.71E-08	1.07E-07	9.67E-08	4.41E-08	3.87E-08	1.66E-09	4.02E-08	8.87E-09	1.45E-08	2.30E-08	4.05E-09	2.03E-08	1.12E-07
1941	494461.06	3859351.99	1.42E-04	1.74E-04	1.53E-04	4.93E-08	1.49E-07	8.61E-08	1.05E-07	9.56E-08	4.36E-08	3.82E-08	1.65E-09	3.97E-08	8.77E-09	1.43E-08	2.27E-08	4.00E-09	2.01E-08	1.11E-07
1942	494511.06	3859351.99	1.41E-04	1.72E-04	1.51E-04	4.88E-08	1.47E-07	8.53E-08	1.04E-07	9.47E-08	4.32E-08	3.79E-08	1.63E-09	3.93E-08	8.68E-09	1.42E-08	2.25E-08	3.96E-09	1.99E-08	1.10E-07
1943	494561.06	3859351.99	1.40E-04	1.71E-04	1.50E-04	4.84E-08	1.46E-07	8.46E-08	1.04E-07	9.39E-08	4.29E-08	3.76E-08	1.62E-09	3.90E-08	8.61E-09	1.41E-08	2.23E-08	3.93E-09	1.97E-08	1.09E-07
1944	494611.06	3859351.99	1.38E-04	1.69E-04	1.49E-04	4.80E-08	1.45E-07	8.38E-08	1.03E-07	9.31E-08	4.25E-08	3.72E-08	1.60E-09	3.87E-08	8.54E-09	1.39E-08	2.21E-08	3.90E-09	1.95E-08	1.08E-07
1945	494661.06	3859351.99	1.37E-04	1.68E-04	1.47E-04	4.75E-08	1.43E-07	8.30E-08	1.02E-07	9.22E-08	4.21E-08	3.69E-08	1.59E-09	3.83E-08	8.45E-09	1.38E-08	2.19E-08	3.86E-09	1.93E-08	1.07E-07
1946	494711.06	3859351.99	1.35E-04	1.66E-04	1.45E-04	4.69E-08	1.42E-07	8.20E-08	1.00E-07	9.10E-08	4.15E-08	3.64E-08	1.57E-09	3.78E-08	8.35E-09	1.36E-08	2.16E-08	3.81E-09	1.91E-08	1.06E-07
1947	494761.06	3859351.99	1.33E-04	1.63E-04	1.43E-04	4.61E-08	1.39E-07	8.06E-08	9.88E-08	8.95E-08	4.09E-08	3.58E-08	1.54E-09	3.72E-08	8.21E-09	1.34E-08	2.13E-08	3.75E-09	1.88E-08	1.04E-07
1948	494811.06	3859351.99	1.30E-04	1.59E-04	1.40E-04	4.51E-08	1.36E-07	7.88E-08	9.65E-08	8.74E-08	3.99E-08	3.50E-08	1.50E-09	3.63E-08	8.02E-09	1.31E-08	2.08E-08	3.66E-09	1.83E-08	1.02E-07
1949	494861.06	3859351.99	1.29E-04	1.58E-04	1.38E-04	4.46E-08	1.35E-07	7.80E-08	9.55E-08	8.66E-08	3.95E-08	3.46E-08	1.49E-09	3.60E-08	7.94E-09	1.30E-08	2.06E-08	3.63E-09	1.82E-08	1.01E-07
1950	494911.06	3859351.99	1.28E-04	1.57E-04	1.37E-04	4.43E-08	1.34E-07	7.75E-08	9.49E-08	8.60E-08	3.92E-08	3.44E-08	1.48E-09	3.57E-08	7.89E-09	1.29E-08	2.04E-08	3.60E-09	1.80E-08	1.00E-07
1951	494961.06	3859351.99	1.26E-04	1.55E-04	1.36E-04	4.38E-08	1.32E-07	7.66E-08	9.38E-08	8.50E-08	3.88E-08	3.40E-08	1.46E-09	3.53E-08	7.80E-09	1.27E-08	2.02E-08	3.56E-09	1.78E-08	9.89E-08
1952	495011.06	3859351.99	1.25E-04	1.53E-04	1.34E-04	4.34E-08	1.31E-07	7.59E-08	9.30E-08	8.43E-08	3.85E-08	3.37E-08	1.45E-09	3.50E-08	7.73E-09	1.26E-08	2.00E-08	3.53E-09	1.77E-08	9.81E-08
1953	495061.06	3859351.99	1.26E-04	1.54E-04	1.35E-04	4.36E-08	1.32E-07	7.62E-08	9.33E-08	8.46E-08	3.86E-08	3.38E-08	1.46E-09	3.52E-08	7.76E-09	1.27E-08	2.01E-08	3.54E-09	1.78E-08	9.85E-08
1954	495111.06	3859351.99	1.25E-04	1.53E-04	1.34E-04	4.32E-08	1.30E-07	7.55E-08	9.25E-08	8.38E-08	3.82E-08	3.35E-08	1.44E-09	3.48E-08	7.69E-09	1.26E-08	1.99E-08	3.51E-09	1.76E-08	9.75E-08
1955	495161.06	3859351.99	1.24E-04	1.52E-04	1.33E-04	4.30E-08	1.30E-07	7.51E-08	9.20E-08	8.34E-08	3.81E-08	3.33E-08	1.44E-09	3.47E-08	7.65E-09	1.25E-08	1.98E-08	3.49E-09	1.75E-08	9.70E-08
1956	495211.06	3859351.99	1.23E-04	1.51E-04	1.32E-04	4.27E-08	1.29E-07	7.47E-08	9.15E-08	8.30E-08	3.79E-08	3.32E-08	1.43E-09	3.45E-08	7.61E-09	1.24E-08	1.97E-08	3.47E-09	1.74E-08	9.65E-08
1957	495261.06	3859351.99	1.23E-04	1.51E-04	1.32E-04	4.26E-08	1.29E-07	7.45E-08	9.13E-08	8.28E-08	3.78E-08	3.31E-08	1.42E-09	3.44E-08	7.59E-09	1.24E-08	1.97E-08	3.47E-09	1.74E-08	9.63E-08
1958	495311.06	3859351.99	1.22E-04	1.50E-04	1.31E-04	4.23E-08	1.28E-07	7.39E-08	9.06E-08	8.21E-08	3.75E-08	3.28E-08	1.41E-09	3.41E-08	7.53E-09	1.23E-08	1.95E-08	3.44E-09	1.72E-08	9.55E-08
1959	495361.06	3859351.99	1.21E-04	1.49E-04	1.30E-04	4.21E-08	1.27E-07	7.36E-08	9.01E-08	8.17E-08	3.73E-08	3.27E-08	1.41E-09	3.40E-08	7.49E-09	1.22E-08	1.94E-08	3.42E-09	1.71E-08	9.51E-08
1960	495411.06	3859351.99	1.21E-04	1.48E-04	1.30E-04	4.20E-08	1.27E-07	7.34E-08	8.99E-08	8.15E-08	3.72E-08	3.26E-08	1.40E-09	3.39E-08	7.47E-09	1.22E-08	1.94E-08	3.41E-09	1.71E-08	9.48E-08
1961	495461.06	3859351.99	1.21E-04	1.48E-04	1.30E-04	4.19E-08	1.27E-07	7.33E-08	8.98E-08	8.14E-08	3.71E-08	3.25E-08	1.40E-09	3.38E-08	7.46E-09	1.22E-08	1.93E-08	3.41E-09	1.71E-08	9.47E-08
1962	495511.06	3859351.99	1.20E-04	1.47E-04	1.28E-04	4.15E-08	1.25E-07	7.25E-08	8.88E-08	8.05E-08	3.67E-08	3.22E-08	1.38E-09	3.34E-08	7.38E-09	1.21E-08	1.91E-08	3.37E-09	1.69E-08	9.36E-08
1963	495561.06	3859351.99	1.19E-04	1.45E-04	1.27E-04	4.11E-08	1.24E-07	7.18E-08	8.80E-08	7.98E-08	3.64E-08	3.19E-08	1.37E-09	3.31E-08	7.31E-09	1.19E-08	1.90E-08	3.34E-09	1.67E-08	9.28E-08
1964	495611.06	3859351.99	1.18E-04	1.44E-04	1.26E-04	4.08E-08	1.23E-07	7.14E-08	8.74E-08	7.93E-08	3.62E-08	3.17E-08	1.36E-09	3.29E-08	7.27E-09	1.19E-08	1.88E-08	3.32E-09	1.66E-08	9.22E-08
1965	495661.06	3859351.99	1.16E-04	1.43E-04	1.25E-04	4.03E-08	1.22E-07	7.05E-08	8.64E-08	7.83E-08	3.57E-08	3.13E-08	1.35E-09	3.25E-08	7.18E-09	1.17E-08	1.86E-08	3.28E-09	1.64E-08	9.11E-08
1966	494311.06	3859401.99	1.46E-04	1.78E-04	1.56E-04	5.05E-08	1.52E-07	8.83E-08	1.08E-07	9.80E-08	4.47E-08	3.92E-08	1.69E-09	4.07E-08	8.99E-09	1.47E-08	2.33E-08	4.10E-09	2.06E-08	1.14E-07
1967	494361.06	3859401.99	1.44E-04	1.76E-04	1.55E-04	4.99E-08	1.51E-07	8.73E-08	1.07E-07	9.69E-08	4.42E-08	3.88E-08	1.67E-09	4.03E-08	8.89E-09	1.45E-08	2.30E-08	4.06E-09	2.03E-08	1.13E-07
1968	494411.06	3859401.99	1.42E-04	1.74E-04	1.53E-04	4.94E-08	1.49E-07	8.63E-08	1.06E-07	9.58E-08	4.37E-08	3.83E-08	1.65E-09	3.98E-08	8.78E-09	1.43E-08	2.28E-08	4.01E-09	2.01E-08	1.11E-07
1969	494461.06	3859401.99	1.41E-04	1.73E-04	1.51E-04	4.89E-08	1.48E-07	8.54E-08	1.05E-07	9.49E-08	4.33E-08	3.79E-08	1.63E-09	3.94E-08	8.70E-09	1.42E-08	2.25E-08	3.97E-09	1.99E-08	1.10E-07
1970	494511.06	3859401.99	1.40E-04	1.72E-04	1.50E-04	4.86E-08	1.47E-07	8.49E-08	1.04E-07	9.42E-08	4.30E-08	3.77E-08	1.62E-09	3.92E-08	8.64E-09	1.41E-08	2.24E-08	3.95E-09	1.98E-08	1.10E-07
1971	494561.06	3859401.99	1.39E-04	1.70E-04	1.49E-04	4.82E-08	1.45E-07	8.42E-08	1.03E-07	9.35E-08	4.26E-08	3.74E-08	1.61E-09	3.88E-08	8.57E-09	1.40E-08	2.22E-08	3.91E-09	1.96E-08	1.09E-07
1972	494611.06	3859401.99	1.38E-04	1.69E-04	1.48E-04	4.77E-08	1.44E-07	8.34E-08	1.02E-07	9.25E-08	4.22E-08	3.70E-08	1.59E-09	3.85E-08	8.49E-09	1.39E-08	2.20E-08	3.88E-09	1.94E-08	1.08E-07
1973	494661.06	3859401.99	1.37E-04	1.67E-04	1.47E-04	4.73E-08	1.43E-07	8.27E-08	1.01E-07	9.18E-08	4.19E-08	3.67E-08	1.58E-09	3.82E-08	8.42E-09	1.38E-08	2.18E-08	3.85E-09	1.93E-08	1.07E-07

1974	494711.06	3859401.99	1.35E-04	1.66E-04	1.45E-04	4.69E-08	1.42E-07	8.20E-08	1.00E-07	9.10E-08	4.15E-08	3.64E-08	1.57E-09	3.78E-08	8.35E-09	1.36E-08	2.16E-08	3.81E-09	1.91E-08	1.06E-07
1975	494761.06	3859401.99	1.33E-04	1.63E-04	1.43E-04	4.61E-08	1.39E-07	8.06E-08	9.88E-08	8.95E-08	4.09E-08	3.58E-08	1.54E-09	3.72E-08	8.21E-09	1.34E-08	2.13E-08	3.75E-09	1.88E-08	1.04E-07
1976	494811.06	3859401.99	1.31E-04	1.61E-04	1.41E-04	4.55E-08	1.37E-07	7.96E-08	9.74E-08	8.83E-08	4.03E-08	3.53E-08	1.52E-09	3.67E-08	8.10E-09	1.32E-08	2.10E-08	3.70E-09	1.85E-08	1.03E-07
1977	494861.06	3859401.99	1.29E-04	1.58E-04	1.39E-04	4.47E-08	1.35E-07	7.82E-08	9.58E-08	8.68E-08	3.96E-08	3.47E-08	1.49E-09	3.61E-08	7.96E-09	1.30E-08	2.06E-08	3.64E-09	1.82E-08	1.01E-07
1978	494911.06	3859401.99	1.28E-04	1.56E-04	1.37E-04	4.42E-08	1.34E-07	7.73E-08	9.47E-08	8.59E-08	3.92E-08	3.43E-08	1.48E-09	3.57E-08	7.88E-09	1.29E-08	2.04E-08	3.60E-09	1.80E-08	9.99E-08
1979	494961.06	3859401.99	1.27E-04	1.55E-04	1.36E-04	4.39E-08	1.33E-07	7.68E-08	9.41E-08	8.53E-08	3.89E-08	3.41E-08	1.47E-09	3.54E-08	7.82E-09	1.28E-08	2.03E-08	3.57E-09	1.79E-08	9.92E-08
1980	495011.06	3859401.99	1.26E-04	1.55E-04	1.35E-04	4.37E-08	1.32E-07	7.64E-08	9.36E-08	8.49E-08	3.87E-08	3.39E-08	1.46E-09	3.53E-08	7.78E-09	1.27E-08	2.02E-08	3.55E-09	1.78E-08	9.88E-08
1981	495061.06	3859401.99	1.26E-04	1.54E-04	1.35E-04	4.36E-08	1.32E-07	7.62E-08	9.34E-08	8.46E-08	3.86E-08	3.38E-08	1.46E-09	3.52E-08	7.76E-09	1.27E-08	2.01E-08	3.54E-09	1.78E-08	9.85E-08
1982	495111.06	3859401.99	1.25E-04	1.53E-04	1.34E-04	4.32E-08	1.30E-07	7.55E-08	9.25E-08	8.38E-08	3.83E-08	3.35E-08	1.44E-09	3.48E-08	7.69E-09	1.26E-08	1.99E-08	3.51E-09	1.76E-08	9.75E-08
1983	495161.06	3859401.99	1.24E-04	1.52E-04	1.33E-04	4.30E-08	1.30E-07	7.52E-08	9.21E-08	8.35E-08	3.81E-08	3.34E-08	1.44E-09	3.47E-08	7.66E-09	1.25E-08	1.98E-08	3.50E-09	1.75E-08	9.72E-08
1984	495211.06	3859401.99	1.24E-04	1.52E-04	1.33E-04	4.30E-08	1.30E-07	7.51E-08	9.20E-08	8.34E-08	3.80E-08	3.33E-08	1.43E-09	3.46E-08	7.64E-09	1.25E-08	1.98E-08	3.49E-09	1.75E-08	9.70E-08
1985	495261.06	3859401.99	1.23E-04	1.51E-04	1.32E-04	4.27E-08	1.29E-07	7.47E-08	9.15E-08	8.29E-08	3.78E-08	3.32E-08	1.43E-09	3.45E-08	7.61E-09	1.24E-08	1.97E-08	3.47E-09	1.74E-08	9.65E-08
1986	495311.06	3859401.99	1.23E-04	1.50E-04	1.32E-04	4.25E-08	1.28E-07	7.43E-08	9.10E-08	8.24E-08	3.76E-08	3.30E-08	1.42E-09	3.43E-08	7.56E-09	1.23E-08	1.96E-08	3.45E-09	1.73E-08	9.59E-08
1987	495361.06	3859401.99	1.22E-04	1.50E-04	1.31E-04	4.24E-08	1.28E-07	7.42E-08	9.09E-08	8.24E-08	3.76E-08	3.29E-08	1.42E-09	3.42E-08	7.55E-09	1.23E-08	1.96E-08	3.45E-09	1.73E-08	9.58E-08
1988	495411.06	3859401.99	1.22E-04	1.49E-04	1.31E-04	4.23E-08	1.28E-07	7.39E-08	9.05E-08	8.20E-08	3.74E-08	3.28E-08	1.41E-09	3.41E-08	7.52E-09	1.23E-08	1.95E-08	3.44E-09	1.72E-08	9.55E-08
1989	495461.06	3859401.99	1.21E-04	1.48E-04	1.30E-04	4.20E-08	1.27E-07	7.34E-08	8.98E-08	8.14E-08	3.72E-08	3.26E-08	1.40E-09	3.39E-08	7.47E-09	1.22E-08	1.94E-08	3.41E-09	1.71E-08	9.48E-08
1990	495511.06	3859401.99	1.20E-04	1.47E-04	1.29E-04	4.15E-08	1.25E-07	7.26E-08	8.89E-08	8.06E-08	3.68E-08	3.22E-08	1.39E-09	3.35E-08	7.39E-09	1.21E-08	1.92E-08	3.38E-09	1.69E-08	9.38E-08
1991	495561.06	3859401.99	1.18E-04	1.45E-04	1.27E-04	4.10E-08	1.24E-07	7.17E-08	8.78E-08	7.96E-08	3.63E-08	3.18E-08	1.37E-09	3.31E-08	7.30E-09	1.19E-08	1.89E-08	3.33E-09	1.67E-08	9.26E-08
1992	495611.06	3859401.99	1.18E-04	1.44E-04	1.26E-04	4.07E-08	1.23E-07	7.12E-08	8.72E-08	7.90E-08	3.61E-08	3.16E-08	1.36E-09	3.28E-08	7.25E-09	1.18E-08	1.88E-08	3.31E-09	1.66E-08	9.20E-08
1993	495661.06	3859401.99	1.17E-04	1.43E-04	1.25E-04	4.05E-08	1.22E-07	7.08E-08	8.67E-08	7.86E-08	3.58E-08	3.14E-08	1.35E-09	3.27E-08	7.20E-09	1.18E-08	1.87E-08	3.29E-09	1.65E-08	9.14E-08
1994	494311.06	3859451.99	1.44E-04	1.76E-04	1.55E-04	4.99E-08	1.51E-07	8.72E-08	1.07E-07	9.68E-08	4.42E-08	3.87E-08	1.67E-09	4.02E-08	8.88E-09	1.45E-08	2.30E-08	4.05E-09	2.03E-08	1.13E-07
1995	494361.06	3859451.99	1.43E-04	1.75E-04	1.53E-04	4.94E-08	1.49E-07	8.64E-08	1.06E-07	9.59E-08	4.38E-08	3.84E-08	1.65E-09	3.99E-08	8.80E-09	1.44E-08	2.28E-08	4.02E-09	2.01E-08	1.12E-07
1996	494411.06	3859451.99	1.41E-04	1.72E-04	1.51E-04	4.88E-08	1.47E-07	8.52E-08	1.04E-07	9.46E-08	4.32E-08	3.78E-08	1.63E-09	3.93E-08	8.68E-09	1.42E-08	2.25E-08	3.96E-09	1.99E-08	1.10E-07
1997	494461.06	3859451.99	1.40E-04	1.71E-04	1.50E-04	4.85E-08	1.46E-07	8.47E-08	1.04E-07	9.41E-08	4.29E-08	3.76E-08	1.62E-09	3.91E-08	8.63E-09	1.41E-08	2.24E-08	3.94E-09	1.97E-08	1.09E-07
1998	494511.06	3859451.99	1.39E-04	1.70E-04	1.49E-04	4.80E-08	1.45E-07	8.40E-08	1.03E-07	9.32E-08	4.25E-08	3.73E-08	1.60E-09	3.88E-08	8.55E-09	1.40E-08	2.22E-08	3.90E-09	1.96E-08	1.08E-07
1999	494561.06	3859451.99	1.38E-04	1.69E-04	1.48E-04	4.77E-08	1.44E-07	8.33E-08	1.02E-07	9.25E-08	4.22E-08	3.70E-08	1.59E-09	3.85E-08	8.49E-09	1.39E-08	2.20E-08	3.87E-09	1.94E-08	1.08E-07
2000	494611.06	3859451.99	1.37E-04	1.68E-04	1.47E-04	4.74E-08	1.43E-07	8.29E-08	1.02E-07	9.21E-08	4.20E-08	3.68E-08	1.58E-09	3.83E-08	8.44E-09	1.38E-08	2.19E-08	3.86E-09	1.93E-08	1.07E-07
2001	494661.06	3859451.99	1.36E-04	1.66E-04	1.45E-04	4.70E-08	1.42E-07	8.21E-08	1.01E-07	9.12E-08	4.16E-08	3.65E-08	1.57E-09	3.79E-08	8.36E-09	1.37E-08	2.17E-08	3.82E-09	1.91E-08	1.06E-07
2002	494711.06	3859451.99	1.34E-04	1.64E-04	1.44E-04	4.65E-08	1.40E-07	8.13E-08	9.95E-08	9.02E-08	4.12E-08	3.61E-08	1.55E-09	3.75E-08	8.28E-09	1.35E-08	2.14E-08	3.78E-09	1.89E-08	1.05E-07
2003	494761.06	3859451.99	1.33E-04	1.63E-04	1.43E-04	4.61E-08	1.39E-07	8.06E-08	9.87E-08	8.94E-08	4.08E-08	3.58E-08	1.54E-09	3.72E-08	8.20E-09	1.34E-08	2.13E-08	3.75E-09	1.88E-08	1.04E-07
2004	494811.06	3859451.99	1.31E-04	1.61E-04	1.41E-04	4.55E-08	1.37E-07	7.95E-08	9.73E-08	8.82E-08	4.03E-08	3.53E-08	1.52E-09	3.67E-08	8.09E-09	1.32E-08	2.10E-08	3.70E-09	1.85E-08	1.03E-07
2005	494861.06	3859451.99	1.30E-04	1.59E-04	1.39E-04	4.49E-08	1.36E-07	7.86E-08	9.62E-08	8.72E-08	3.98E-08	3.49E-08	1.50E-09	3.63E-08	8.00E-09	1.31E-08	2.07E-08	3.65E-09	1.83E-08	1.02E-07
2006	494911.06	3859451.99	1.29E-04	1.57E-04	1.38E-04	4.45E-08	1.34E-07	7.78E-08	9.53E-08	8.64E-08	3.94E-08	3.46E-08	1.49E-09	3.59E-08	7.93E-09	1.29E-08	2.05E-08	3.62E-09	1.81E-08	1.01E-07
2007	494961.06	3859451.99	1.28E-04	1.57E-04	1.37E-04	4.43E-08	1.34E-07	7.74E-08	9.48E-08	8.59E-08	3.92E-08	3.44E-08	1.48E-09	3.57E-08	7.88E-09	1.29E-08	2.04E-08	3.60E-09	1.80E-08	1.00E-07
2008	495011.06	3859451.99	1.27E-04	1.55E-04	1.36E-04	4.40E-08	1.33E-07	7.69E-08	9.41E-08	8.53E-08	3.89E-08	3.41E-08	1.47E-09	3.55E-08	7.83E-09	1.28E-08	2.03E-08	3.57E-09	1.79E-08	9.93E-08
2009	495061.06	3859451.99	1.26E-04	1.54E-04	1.35E-04	4.37E-08	1.32E-07	7.63E-08	9.35E-08	8.47E-08	3.87E-08	3.39E-08	1.46E-09	3.52E-08	7.77E-09	1.27E-08	2.01E-08	3.55E-09	1.78E-08	9.86E-08
2010	495111.06	3859451.99	1.25E-04	1.53E-04	1.34E-04	4.33E-08	1.31E-07	7.58E-08	9.28E-08	8.41E-08	3.84E-08	3.36E-08	1.45E-09	3.50E-08	7.71E-09	1.26E-08	2.00E-08	3.52E-09	1.77E-08	9.79E-08
2011	495161.06	3859451.99	1.25E-04	1.53E-04	1.34E-04	4.32E-08	1.30E-07	7.55E-08	9.24E-08	8.38E-08	3.82E-08	3.35E-08	1.44E-09	3.48E-08	7.68E-09	1.26E-08	1.99E-08	3.51E-09	1.76E-08	9.75E-08
2012	495211.06	3859451.99	1.24E-04	1.52E-04	1.33E-04	4.31E-08	1.30E-07	7.53E-08	9.22E-08	8.36E-08	3.81E-08	3.34E-08	1.44E-09	3.47E-08	7.66E-09	1.25E-08	1.99E-08	3.50E-09	1.75E-08	9.72E-08
2013	495261.06	3859451.99	1.24E-04	1.52E-04	1.33E-04	4.29E-08	1.30E-07	7.50E-08	9.19E-08	8.33E-08	3.80E-08	3.33E-08	1.43E-09	3.46E-08	7.64E-09	1.25E-08	1.98E-08	3.49E-09	1.75E-08	9.70E-08
2014	495311.06	3859451.99	1.23E-04	1.51E-04	1.32E-04	4.27E-08	1.29E-07	7.46E-08	9.14E-08	8.28E-08	3.78E-08	3.31E-08	1.43E-09	3.44E-08	7.60E-09	1.24E-08	1.97E-08	3.47E-09	1.74E-08	9.64E-08
2015	495361.06	3859451.99	1.23E-04	1.50E-04	1.32E-04	4.25E-08	1.28E-07	7.42E-08	9.09E-08	8.24E-08	3.76E-08	3.30E-08	1.42E-09	3.43E-08	7.56E-09	1.23E-08	1.96E-08	3.45E-09	1.73E-08	9.59E-08
2016	495411.06	3859451.99	1.22E-04	1.49E-04	1.31E-04	4.22E-08	1.27E-07	7.38E-08	9.04E-08	8.19E-08	3.74E-08	3.28E-08	1.41E-09	3.40E-08	7.51E-09	1.23E-08	1.95E-08	3.43E-09	1.72E-08	9.53E-08
2017	495461.06	3859451.99	1.21E-04	1.48E-04	1.30E-04	4.20E-08	1.27E-07	7.34E-08	8.99E-08	8.15E-08	3.72E-08	3.26E-08	1.40E-09	3.39E-08	7.47E-09	1.22E-08	1.94E-08	3.41E-09	1.71E-08	9.48E-08
2018	495511.06	3859451.99	1.20E-04	1.47E-04	1.29E-04	4.15E-08	1.25E-07	7.26E-08	8.89E-08	8.06E-08	3.68E-08	3.22E-08	1.39E-09	3.35E-08	7.39E-09	1.21E-08	1.91E-08	3.37E-09	1.69E-08	9.37E-08
2019	495561.06	3859451.99	1.19E-04	1.46E-04	1.28E-04	4.12E-08	1.24E-07	7.20E-08	8.82E-08	8.00E-08	3.65E-08	3.20E-08	1.38E-09	3.32E-08	7.33E-09	1.20E-08	1.90E-08	3.35E-09	1.68E-08	9.30E-08
2020	495611.06	3859451.99	1.18E-04	1.45E-04	1.27E-04	4.09E-08	1.23E-07	7.15E-08	8.76E-08	7.94E-08	3.62E-08	3.17E-08	1.37E-09	3.30E-08	7.28E-09	1.19E-08	1.89E-08	3.32E-09	1.67E-08	9.24E-08
2021	495661.06	3859451.99	1.17E-04	1.44E-04	1.26E-04	4.06E-08	1.23E-07	7.10E-08	8.70E-08	7.88E-08	3.60E-08	3.15E-08	1.36E-09	3.28E-08	7.23E-09	1.18E-08	1.87E-08	3.30E-09	1.65E-08	9.17E-08
2022	494311.06	3859501.99	1.42E-04	1.74E-04	1.53E-04	4.94E-08	1.49E-07	8.63E-08	1.06E-07	9.58E-08	4.37E-08	3.83E-08	1.65E-09	3.98E-08	8.79E-09	1.43E-08	2.28E-08	4.01E-09	2.01E-08	1.11E-07
2023	494361.06	3859501.99	1.41E-04	1.73E-04	1.51E-04	4.89E-08	1.48E-07	8.55E-08	1.05E-07	9.49E-08	4.33E-08	3.80E-08	1.63E-09	3.95E-08	8.71E-09	1.42E-08	2.26E-08	3.97E-09	1.99E-08	1.10E-07
2024	494411.06	3859501.99	1.39E-04	1.70E-04	1.49E-04	4.82E-08	1.45E-07	8.42E-08	1.03E-07	9.35E-08	4.26E-08	3.74E-08	1.61E-09	3.88E-08	8.57E-09	1.40E-08	2.22E-08	3.91E-09	1.96E-08	1.09E-07
2025	494461.06	3859501.99	1.39E-04	1.70E-04	1.49E-04	4.81E-08	1.45E-07	8.40E-08	1.03E-07	9.33E-08	4.26E-08	3.73E-08	1.61E-09	3.88E-08	8.56E-09	1.40E-08	2.22E-08	3.91E-09	1.96E-08	1.09E-07
2026	494511.06	3859501.99	1.37E-04	1.68E-04	1.47E-04	4.76E-08	1.44E-07	8.32E-08	1.02E-07	9.24E-08	4.22E-08	3.70E-08	1.59E-09	3.84E-08	8.48E-09	1.38E-08	2.20E-08	3.87E-09	1.94E-08	1.08E-07
2027	494561.06	3859501.99	1.36E-04	1.67E-04	1.46E-04	4.72E-08	1.43E-07	8.25E-08	1.01E-07	9.16E-08	4.18E-08	3.66E-08	1.58E-09	3.81E-08	8.41E-09	1.37E-08	2.18E-08	3.84E-09	1.92E-08	1.07E-07
2028	494611.06	3859501.99	1.36E-04	1.67E-04	1.46E-04	4.72E-08	1.42E-07	8.24E-08	1.01E-07	9.15E-08	4.18E-08	3.66E-08	1.57E-09	3.80E-08	8.39E-09	1.37E-08	2.17E-08	3.83E-09	1.92E-08	1.07E-07

2029	494661.06	3859501.99	1.35E-04	1.65E-04	1.45E-04	4.67E-08	1.41E-07	8.16E-08	9.99E-08	9.06E-08	4.13E-08	3.62E-08	1.56E-09	3.76E-08	8.31E-09	1.36E-08	2.15E-08	3.79E-09	1.90E-08	1.05E-07
2030	494711.06	3859501.99	1.33E-04	1.63E-04	1.43E-04	4.61E-08	1.39E-07	8.05E-08	9.86E-08	8.94E-08	4.08E-08	3.58E-08	1.54E-09	3.72E-08	8.20E-09	1.34E-08	2.12E-08	3.74E-09	1.88E-08	1.04E-07
2031	494761.06	3859501.99	1.32E-04	1.62E-04	1.42E-04	4.59E-08	1.39E-07	8.02E-08	9.83E-08	8.91E-08	4.07E-08	3.56E-08	1.53E-09	3.70E-08	8.17E-09	1.33E-08	2.12E-08	3.73E-09	1.87E-08	1.04E-07
2032	494811.06	3859501.99	1.30E-04	1.60E-04	1.40E-04	4.51E-08	1.36E-07	7.89E-08	9.66E-08	8.76E-08	4.00E-08	3.50E-08	1.51E-09	3.64E-08	8.03E-09	1.31E-08	2.08E-08	3.67E-09	1.84E-08	1.02E-07
2033	494861.06	3859501.99	1.29E-04	1.58E-04	1.39E-04	4.48E-08	1.35E-07	7.83E-08	9.59E-08	8.69E-08	3.97E-08	3.48E-08	1.50E-09	3.61E-08	7.97E-09	1.30E-08	2.07E-08	3.64E-09	1.82E-08	1.01E-07
2034	494911.06	3859501.99	1.29E-04	1.58E-04	1.38E-04	4.46E-08	1.35E-07	7.79E-08	9.54E-08	8.65E-08	3.95E-08	3.46E-08	1.49E-09	3.59E-08	7.93E-09	1.30E-08	2.06E-08	3.62E-09	1.82E-08	1.01E-07
2035	494961.06	3859501.99	1.27E-04	1.56E-04	1.37E-04	4.41E-08	1.33E-07	7.72E-08	9.45E-08	8.57E-08	3.91E-08	3.43E-08	1.47E-09	3.56E-08	7.86E-09	1.28E-08	2.04E-08	3.59E-09	1.80E-08	9.97E-08
2036	495011.06	3859501.99	1.27E-04	1.55E-04	1.36E-04	4.39E-08	1.33E-07	7.68E-08	9.40E-08	8.53E-08	3.89E-08	3.41E-08	1.47E-09	3.54E-08	7.82E-09	1.28E-08	2.03E-08	3.57E-09	1.79E-08	9.92E-08
2037	495061.06	3859501.99	1.26E-04	1.55E-04	1.35E-04	4.37E-08	1.32E-07	7.64E-08	9.36E-08	8.49E-08	3.87E-08	3.39E-08	1.46E-09	3.53E-08	7.78E-09	1.27E-08	2.02E-08	3.55E-09	1.78E-08	9.87E-08
2038	495111.06	3859501.99	1.25E-04	1.53E-04	1.34E-04	4.33E-08	1.31E-07	7.57E-08	9.27E-08	8.41E-08	3.84E-08	3.36E-08	1.45E-09	3.49E-08	7.71E-09	1.26E-08	2.00E-08	3.52E-09	1.76E-08	9.78E-08
2039	495161.06	3859501.99	1.24E-04	1.52E-04	1.34E-04	4.31E-08	1.30E-07	7.54E-08	9.23E-08	8.37E-08	3.82E-08	3.35E-08	1.44E-09	3.48E-08	7.68E-09	1.25E-08	1.99E-08	3.50E-09	1.76E-08	9.74E-08
2040	495211.06	3859501.99	1.24E-04	1.52E-04	1.33E-04	4.30E-08	1.30E-07	7.52E-08	9.21E-08	8.35E-08	3.81E-08	3.34E-08	1.44E-09	3.47E-08	7.66E-09	1.25E-08	1.98E-08	3.50E-09	1.75E-08	9.72E-08
2041	495261.06	3859501.99	1.24E-04	1.51E-04	1.33E-04	4.28E-08	1.29E-07	7.49E-08	9.17E-08	8.31E-08	3.79E-08	3.32E-08	1.43E-09	3.45E-08	7.62E-09	1.25E-08	1.98E-08	3.48E-09	1.74E-08	9.67E-08
2042	495311.06	3859501.99	1.23E-04	1.51E-04	1.32E-04	4.27E-08	1.29E-07	7.46E-08	9.14E-08	8.28E-08	3.78E-08	3.31E-08	1.43E-09	3.44E-08	7.60E-09	1.24E-08	1.97E-08	3.47E-09	1.74E-08	9.64E-08
2043	495361.06	3859501.99	1.22E-04	1.50E-04	1.31E-04	4.25E-08	1.28E-07	7.42E-08	9.09E-08	8.24E-08	3.76E-08	3.29E-08	1.42E-09	3.42E-08	7.56E-09	1.23E-08	1.96E-08	3.45E-09	1.73E-08	9.59E-08
2044	495411.06	3859501.99	1.22E-04	1.49E-04	1.31E-04	4.22E-08	1.28E-07	7.38E-08	9.04E-08	8.20E-08	3.74E-08	3.28E-08	1.41E-09	3.41E-08	7.52E-09	1.23E-08	1.95E-08	3.43E-09	1.72E-08	9.54E-08
2045	495461.06	3859501.99	1.21E-04	1.48E-04	1.30E-04	4.20E-08	1.27E-07	7.34E-08	8.99E-08	8.15E-08	3.72E-08	3.26E-08	1.40E-09	3.39E-08	7.47E-09	1.22E-08	1.94E-08	3.41E-09	1.71E-08	9.48E-08
2046	495511.06	3859501.99	1.20E-04	1.46E-04	1.28E-04	4.14E-08	1.25E-07	7.24E-08	8.87E-08	8.04E-08	3.67E-08	3.22E-08	1.38E-09	3.34E-08	7.38E-09	1.20E-08	1.91E-08	3.37E-09	1.69E-08	9.36E-08
2047	495561.06	3859501.99	1.19E-04	1.46E-04	1.28E-04	4.13E-08	1.25E-07	7.22E-08	8.84E-08	8.01E-08	3.66E-08	3.20E-08	1.38E-09	3.33E-08	7.35E-09	1.20E-08	1.90E-08	3.36E-09	1.68E-08	9.32E-08
2048	495611.06	3859501.99	1.18E-04	1.45E-04	1.27E-04	4.10E-08	1.24E-07	7.16E-08	8.77E-08	7.95E-08	3.63E-08	3.18E-08	1.37E-09	3.31E-08	7.29E-09	1.19E-08	1.89E-08	3.33E-09	1.67E-08	9.25E-08
2049	495661.06	3859501.99	1.17E-04	1.44E-04	1.26E-04	4.06E-08	1.23E-07	7.10E-08	8.70E-08	7.89E-08	3.60E-08	3.15E-08	1.36E-09	3.28E-08	7.23E-09	1.18E-08	1.87E-08	3.30E-09	1.65E-08	9.18E-08
2050	494311.06	3859551.99	1.41E-04	1.72E-04	1.51E-04	4.88E-08	1.47E-07	8.53E-08	1.04E-07	9.47E-08	4.32E-08	3.79E-08	1.63E-09	3.93E-08	8.68E-09	1.42E-08	2.25E-08	3.96E-09	1.99E-08	1.10E-07
2051	494361.06	3859551.99	1.39E-04	1.71E-04	1.50E-04	4.83E-08	1.46E-07	8.44E-08	1.03E-07	9.37E-08	4.28E-08	3.75E-08	1.61E-09	3.89E-08	8.59E-09	1.40E-08	2.23E-08	3.92E-09	1.97E-08	1.09E-07
2052	494411.06	3859551.99	1.37E-04	1.68E-04	1.47E-04	4.76E-08	1.44E-07	8.32E-08	1.02E-07	9.23E-08	4.21E-08	3.69E-08	1.59E-09	3.84E-08	8.47E-09	1.38E-08	2.19E-08	3.87E-09	1.94E-08	1.07E-07
2053	494461.06	3859551.99	1.37E-04	1.68E-04	1.47E-04	4.76E-08	1.44E-07	8.31E-08	1.02E-07	9.23E-08	4.21E-08	3.69E-08	1.59E-09	3.84E-08	8.47E-09	1.38E-08	2.19E-08	3.87E-09	1.94E-08	1.07E-07
2054	494511.06	3859551.99	1.36E-04	1.67E-04	1.46E-04	4.72E-08	1.42E-07	8.24E-08	1.01E-07	9.15E-08	4.18E-08	3.66E-08	1.57E-09	3.80E-08	8.39E-09	1.37E-08	2.17E-08	3.83E-09	1.92E-08	1.06E-07
2055	494561.06	3859551.99	1.35E-04	1.65E-04	1.45E-04	4.68E-08	1.41E-07	8.18E-08	1.00E-07	9.09E-08	4.15E-08	3.63E-08	1.56E-09	3.78E-08	8.33E-09	1.36E-08	2.16E-08	3.80E-09	1.91E-08	1.06E-07
2056	494611.06	3859551.99	1.34E-04	1.65E-04	1.44E-04	4.66E-08	1.41E-07	8.14E-08	9.98E-08	9.04E-08	4.13E-08	3.62E-08	1.56E-09	3.76E-08	8.29E-09	1.35E-08	2.15E-08	3.79E-09	1.90E-08	1.05E-07
2057	494661.06	3859551.99	1.34E-04	1.64E-04	1.43E-04	4.63E-08	1.40E-07	8.09E-08	9.91E-08	8.99E-08	4.10E-08	3.59E-08	1.55E-09	3.73E-08	8.24E-09	1.35E-08	2.14E-08	3.76E-09	1.89E-08	1.05E-07
2058	494711.06	3859551.99	1.31E-04	1.61E-04	1.41E-04	4.55E-08	1.37E-07	7.95E-08	9.74E-08	8.83E-08	4.03E-08	3.53E-08	1.52E-09	3.67E-08	8.10E-09	1.32E-08	2.10E-08	3.70E-09	1.85E-08	1.03E-07
2059	494761.06	3859551.99	1.31E-04	1.61E-04	1.41E-04	4.56E-08	1.38E-07	7.97E-08	9.76E-08	8.84E-08	4.04E-08	3.54E-08	1.52E-09	3.68E-08	8.11E-09	1.32E-08	2.10E-08	3.70E-09	1.86E-08	1.03E-07
2060	494811.06	3859551.99	1.30E-04	1.59E-04	1.39E-04	4.50E-08	1.36E-07	7.86E-08	9.62E-08	8.72E-08	3.98E-08	3.49E-08	1.50E-09	3.63E-08	8.00E-09	1.31E-08	2.07E-08	3.65E-09	1.83E-08	1.02E-07
2061	494861.06	3859551.99	1.29E-04	1.58E-04	1.38E-04	4.46E-08	1.35E-07	7.80E-08	9.56E-08	8.67E-08	3.95E-08	3.47E-08	1.49E-09	3.60E-08	7.95E-09	1.30E-08	2.06E-08	3.63E-09	1.82E-08	1.01E-07
2062	494911.06	3859551.99	1.28E-04	1.56E-04	1.37E-04	4.43E-08	1.34E-07	7.74E-08	9.48E-08	8.59E-08	3.92E-08	3.44E-08	1.48E-09	3.57E-08	7.88E-09	1.29E-08	2.04E-08	3.60E-09	1.80E-08	1.00E-07
2063	494961.06	3859551.99	1.27E-04	1.56E-04	1.36E-04	4.41E-08	1.33E-07	7.70E-08	9.43E-08	8.55E-08	3.90E-08	3.42E-08	1.47E-09	3.55E-08	7.84E-09	1.28E-08	2.03E-08	3.58E-09	1.79E-08	9.95E-08
2064	495011.06	3859551.99	1.27E-04	1.55E-04	1.36E-04	4.39E-08	1.33E-07	7.67E-08	9.40E-08	8.52E-08	3.89E-08	3.41E-08	1.47E-09	3.54E-08	7.81E-09	1.28E-08	2.02E-08	3.57E-09	1.79E-08	9.92E-08
2065	495061.06	3859551.99	1.26E-04	1.54E-04	1.35E-04	4.36E-08	1.32E-07	7.63E-08	9.34E-08	8.47E-08	3.86E-08	3.39E-08	1.46E-09	3.52E-08	7.76E-09	1.27E-08	2.01E-08	3.55E-09	1.78E-08	9.85E-08
2066	495111.06	3859551.99	1.25E-04	1.53E-04	1.34E-04	4.33E-08	1.31E-07	7.56E-08	9.26E-08	8.40E-08	3.83E-08	3.36E-08	1.44E-09	3.49E-08	7.70E-09	1.26E-08	1.99E-08	3.52E-09	1.76E-08	9.77E-08
2067	495161.06	3859551.99	1.24E-04	1.52E-04	1.34E-04	4.31E-08	1.30E-07	7.54E-08	9.23E-08	8.37E-08	3.82E-08	3.35E-08	1.44E-09	3.48E-08	7.67E-09	1.25E-08	1.99E-08	3.50E-09	1.76E-08	9.74E-08
2068	495211.06	3859551.99	1.24E-04	1.52E-04	1.33E-04	4.30E-08	1.30E-07	7.52E-08	9.21E-08	8.35E-08	3.81E-08	3.34E-08	1.44E-09	3.47E-08	7.65E-09	1.25E-08	1.98E-08	3.49E-09	1.75E-08	9.71E-08
2069	495261.06	3859551.99	1.23E-04	1.51E-04	1.32E-04	4.27E-08	1.29E-07	7.47E-08	9.15E-08	8.29E-08	3.78E-08	3.32E-08	1.43E-09	3.45E-08	7.60E-09	1.24E-08	1.97E-08	3.47E-09	1.74E-08	9.65E-08
2070	495311.06	3859551.99	1.23E-04	1.50E-04	1.32E-04	4.25E-08	1.28E-07	7.43E-08	9.10E-08	8.25E-08	3.76E-08	3.30E-08	1.42E-09	3.43E-08	7.56E-09	1.24E-08	1.96E-08	3.45E-09	1.73E-08	9.60E-08
2071	495361.06	3859551.99	1.22E-04	1.49E-04	1.31E-04	4.23E-08	1.28E-07	7.39E-08	9.06E-08	8.21E-08	3.75E-08	3.28E-08	1.41E-09	3.41E-08	7.53E-09	1.23E-08	1.95E-08	3.44E-09	1.72E-08	9.55E-08
2072	495411.06	3859551.99	1.22E-04	1.49E-04	1.31E-04	4.21E-08	1.27E-07	7.37E-08	9.02E-08	8.18E-08	3.73E-08	3.27E-08	1.41E-09	3.40E-08	7.50E-09	1.23E-08	1.94E-08	3.43E-09	1.72E-08	9.52E-08
2073	495461.06	3859551.99	1.21E-04	1.48E-04	1.29E-04	4.18E-08	1.26E-07	7.30E-08	8.95E-08	8.11E-08	3.70E-08	3.24E-08	1.40E-09	3.37E-08	7.44E-09	1.21E-08	1.93E-08	3.40E-09	1.70E-08	9.44E-08
2074	495511.06	3859551.99	1.19E-04	1.46E-04	1.28E-04	4.14E-08	1.25E-07	7.24E-08	8.86E-08	8.03E-08	3.67E-08	3.21E-08	1.38E-09	3.34E-08	7.37E-09	1.20E-08	1.91E-08	3.36E-09	1.69E-08	9.35E-08
2075	495561.06	3859551.99	1.19E-04	1.45E-04	1.27E-04	4.12E-08	1.24E-07	7.19E-08	8.81E-08	7.99E-08	3.64E-08	3.19E-08	1.37E-09	3.32E-08	7.33E-09	1.20E-08	1.90E-08	3.34E-09	1.68E-08	9.29E-08
2076	495611.06	3859551.99	1.18E-04	1.45E-04	1.27E-04	4.09E-08	1.24E-07	7.15E-08	8.76E-08	7.94E-08	3.62E-08	3.17E-08	1.37E-09	3.30E-08	7.28E-09	1.19E-08	1.89E-08	3.32E-09	1.67E-08	9.24E-08
2077	495661.06	3859551.99	1.17E-04	1.43E-04	1.26E-04	4.06E-08	1.23E-07	7.09E-08	8.69E-08	7.88E-08	3.59E-08	3.15E-08	1.36E-09	3.27E-08	7.22E-09	1.18E-08	1.87E-08	3.30E-09	1.65E-08	9.17E-08
2078	494311.06	3859601.99	1.39E-04	1.70E-04	1.49E-04	4.82E-08	1.46E-07	8.43E-08	1.03E-07	9.36E-08	4.27E-08	3.74E-08	1.61E-09	3.89E-08	8.58E-09	1.40E-08	2.22E-08	3.92E-09	1.96E-08	1.09E-07
2079	494361.06	3859601.99	1.37E-04	1.68E-04	1.47E-04	4.76E-08	1.44E-07	8.31E-08	1.02E-07	9.23E-08	4.21E-08	3.69E-08	1.59E-09	3.84E-08	8.46E-09	1.38E-08	2.19E-08	3.86E-09	1.94E-08	1.07E-07
2080	494411.06	3859601.99	1.36E-04	1.66E-04	1.46E-04	4.71E-08	1.42E-07	8.23E-08	1.01E-07	9.14E-08	4.17E-08	3.66E-08	1.57E-09	3.80E-08	8.38E-09	1.37E-08	2.17E-08	3.83E-09	1.92E-08	1.06E-07
2081	494461.06	3859601.99	1.36E-04	1.66E-04	1.46E-04	4.71E-08	1.42E-07	8.22E-08	1.01E-07	9.13E-08	4.17E-08	3.65E-08	1.57E-09	3.80E-08	8.37E-09	1.37E-08	2.17E-08	3.82E-09	1.92E-08	1.06E-07
2082	494511.06	3859601.99	1.34E-04	1.65E-04	1.44E-04	4.66E-08	1.41E-07	8.14E-08	9.97E-08	9.03E-08	4.12E-08	3.61E-08	1.55E-09	3.75E-08	8.29E-09	1.35E-08	2.15E-08	3.78E-09	1.90E-08	1.05E-07
2083	494561.06	3859601.99	1.34E-04	1.64E-04	1.44E-04	4.64E-08	1.40E-07	8.12E-08	9.94E-08	9.01E-08	4.11E-08	3.60E-08	1.55E-09	3.75E-08	8.27E-09	1.35E-08	2.14E-08	3.77E-09	1.89E-08	1.05E-07

2084	494611.06	3859601.99	1.33E-04	1.63E-04	1.43E-04	4.62E-08	1.40E-07	8.08E-08	9.90E-08	8.97E-08	4.09E-08	3.59E-08	1.54E-09	3.73E-08	8.23E-09	1.34E-08	2.13E-08	3.76E-09	1.88E-08	1.04E-07
2085	494661.06	3859601.99	1.32E-04	1.61E-04	1.42E-04	4.57E-08	1.38E-07	7.99E-08	9.78E-08	8.87E-08	4.05E-08	3.55E-08	1.53E-09	3.69E-08	8.13E-09	1.33E-08	2.11E-08	3.71E-09	1.86E-08	1.03E-07
2086	494711.06	3859601.99	1.30E-04	1.60E-04	1.40E-04	4.52E-08	1.36E-07	7.89E-08	9.67E-08	8.76E-08	4.00E-08	3.50E-08	1.51E-09	3.64E-08	8.04E-09	1.31E-08	2.08E-08	3.67E-09	1.84E-08	1.02E-07
2087	494761.06	3859601.99	1.31E-04	1.60E-04	1.40E-04	4.53E-08	1.37E-07	7.92E-08	9.70E-08	8.80E-08	4.01E-08	3.52E-08	1.51E-09	3.66E-08	8.07E-09	1.32E-08	2.09E-08	3.68E-09	1.85E-08	1.02E-07
2088	494811.06	3859601.99	1.29E-04	1.58E-04	1.39E-04	4.47E-08	1.35E-07	7.82E-08	9.58E-08	8.68E-08	3.96E-08	3.47E-08	1.49E-09	3.61E-08	7.96E-09	1.30E-08	2.06E-08	3.64E-09	1.82E-08	1.01E-07
2089	494861.06	3859601.99	1.28E-04	1.57E-04	1.38E-04	4.45E-08	1.34E-07	7.77E-08	9.52E-08	8.63E-08	3.94E-08	3.45E-08	1.49E-09	3.59E-08	7.92E-09	1.29E-08	2.05E-08	3.61E-09	1.81E-08	1.00E-07
2090	494911.06	3859601.99	1.27E-04	1.56E-04	1.36E-04	4.40E-08	1.33E-07	7.69E-08	9.42E-08	8.54E-08	3.90E-08	3.42E-08	1.47E-09	3.55E-08	7.84E-09	1.28E-08	2.03E-08	3.58E-09	1.79E-08	9.94E-08
2091	494961.06	3859601.99	1.27E-04	1.56E-04	1.36E-04	4.40E-08	1.33E-07	7.69E-08	9.42E-08	8.54E-08	3.90E-08	3.42E-08	1.47E-09	3.55E-08	7.84E-09	1.28E-08	2.03E-08	3.58E-09	1.79E-08	9.94E-08
2092	495011.06	3859601.99	1.26E-04	1.54E-04	1.35E-04	4.35E-08	1.31E-07	7.61E-08	9.32E-08	8.45E-08	3.86E-08	3.38E-08	1.45E-09	3.51E-08	7.75E-09	1.27E-08	2.01E-08	3.54E-09	1.77E-08	9.83E-08
2093	495061.06	3859601.99	1.25E-04	1.54E-04	1.35E-04	4.34E-08	1.31E-07	7.59E-08	9.30E-08	8.43E-08	3.85E-08	3.37E-08	1.45E-09	3.50E-08	7.73E-09	1.26E-08	2.00E-08	3.53E-09	1.77E-08	9.81E-08
2094	495111.06	3859601.99	1.24E-04	1.52E-04	1.33E-04	4.31E-08	1.30E-07	7.53E-08	9.22E-08	8.36E-08	3.82E-08	3.34E-08	1.44E-09	3.48E-08	7.67E-09	1.25E-08	1.99E-08	3.50E-09	1.75E-08	9.73E-08
2095	495161.06	3859601.99	1.24E-04	1.52E-04	1.33E-04	4.29E-08	1.30E-07	7.51E-08	9.19E-08	8.34E-08	3.80E-08	3.33E-08	1.43E-09	3.46E-08	7.64E-09	1.25E-08	1.98E-08	3.49E-09	1.75E-08	9.70E-08
2096	495211.06	3859601.99	1.23E-04	1.51E-04	1.32E-04	4.27E-08	1.29E-07	7.47E-08	9.15E-08	8.29E-08	3.78E-08	3.32E-08	1.43E-09	3.45E-08	7.61E-09	1.24E-08	1.97E-08	3.47E-09	1.74E-08	9.65E-08
2097	495261.06	3859601.99	1.23E-04	1.50E-04	1.32E-04	4.26E-08	1.28E-07	7.44E-08	9.11E-08	8.26E-08	3.77E-08	3.30E-08	1.42E-09	3.43E-08	7.57E-09	1.24E-08	1.96E-08	3.46E-09	1.73E-08	9.61E-08
2098	495311.06	3859601.99	1.22E-04	1.50E-04	1.31E-04	4.24E-08	1.28E-07	7.41E-08	9.08E-08	8.23E-08	3.75E-08	3.29E-08	1.42E-09	3.42E-08	7.55E-09	1.23E-08	1.96E-08	3.45E-09	1.73E-08	9.57E-08
2099	495361.06	3859601.99	1.22E-04	1.49E-04	1.31E-04	4.22E-08	1.27E-07	7.37E-08	9.03E-08	8.18E-08	3.73E-08	3.27E-08	1.41E-09	3.40E-08	7.50E-09	1.23E-08	1.94E-08	3.43E-09	1.72E-08	9.52E-08
2100	495411.06	3859601.99	1.21E-04	1.48E-04	1.30E-04	4.20E-08	1.27E-07	7.34E-08	8.99E-08	8.15E-08	3.72E-08	3.26E-08	1.40E-09	3.39E-08	7.47E-09	1.22E-08	1.94E-08	3.41E-09	1.71E-08	9.48E-08
2101	495461.06	3859601.99	1.20E-04	1.47E-04	1.29E-04	4.16E-08	1.26E-07	7.27E-08	8.90E-08	8.07E-08	3.68E-08	3.23E-08	1.39E-09	3.35E-08	7.40E-09	1.21E-08	1.92E-08	3.38E-09	1.69E-08	9.39E-08
2102	495511.06	3859601.99	1.19E-04	1.46E-04	1.28E-04	4.12E-08	1.24E-07	7.20E-08	8.82E-08	8.00E-08	3.65E-08	3.20E-08	1.38E-09	3.32E-08	7.33E-09	1.20E-08	1.90E-08	3.35E-09	1.68E-08	9.30E-08
2103	495561.06	3859601.99	1.19E-04	1.45E-04	1.27E-04	4.11E-08	1.24E-07	7.18E-08	8.80E-08	7.98E-08	3.64E-08	3.19E-08	1.37E-09	3.31E-08	7.31E-09	1.19E-08	1.90E-08	3.34E-09	1.67E-08	9.28E-08
2104	495611.06	3859601.99	1.17E-04	1.44E-04	1.26E-04	4.07E-08	1.23E-07	7.11E-08	8.70E-08	7.89E-08	3.60E-08	3.15E-08	1.36E-09	3.28E-08	7.24E-09	1.18E-08	1.87E-08	3.30E-09	1.66E-08	9.18E-08
2105	495661.06	3859601.99	1.17E-04	1.43E-04	1.25E-04	4.05E-08	1.22E-07	7.08E-08	8.67E-08	7.86E-08	3.59E-08	3.14E-08	1.35E-09	3.27E-08	7.21E-09	1.18E-08	1.87E-08	3.29E-09	1.65E-08	9.14E-08
2106	494311.06	3859651.99	1.37E-04	1.68E-04	1.47E-04	4.75E-08	1.43E-07	8.30E-08	1.02E-07	9.21E-08	4.20E-08	3.68E-08	1.59E-09	3.83E-08	8.45E-09	1.38E-08	2.19E-08	3.86E-09	1.93E-08	1.07E-07
2107	494361.06	3859651.99	1.35E-04	1.66E-04	1.45E-04	4.69E-08	1.42E-07	8.20E-08	1.00E-07	9.11E-08	4.15E-08	3.64E-08	1.57E-09	3.78E-08	8.35E-09	1.36E-08	2.16E-08	3.81E-09	1.91E-08	1.06E-07
2108	494411.06	3859651.99	1.35E-04	1.65E-04	1.44E-04	4.66E-08	1.41E-07	8.15E-08	9.98E-08	9.05E-08	4.13E-08	3.62E-08	1.56E-09	3.76E-08	8.30E-09	1.36E-08	2.15E-08	3.79E-09	1.90E-08	1.05E-07
2109	494461.06	3859651.99	1.34E-04	1.64E-04	1.44E-04	4.65E-08	1.41E-07	8.13E-08	9.96E-08	9.03E-08	4.12E-08	3.61E-08	1.55E-09	3.75E-08	8.28E-09	1.35E-08	2.15E-08	3.78E-09	1.90E-08	1.05E-07
2110	494511.06	3859651.99	1.33E-04	1.63E-04	1.43E-04	4.62E-08	1.40E-07	8.08E-08	9.90E-08	8.97E-08	4.09E-08	3.59E-08	1.54E-09	3.73E-08	8.23E-09	1.34E-08	2.13E-08	3.76E-09	1.88E-08	1.04E-07
2111	494561.06	3859651.99	1.33E-04	1.63E-04	1.42E-04	4.60E-08	1.39E-07	8.04E-08	9.85E-08	8.93E-08	4.07E-08	3.57E-08	1.54E-09	3.71E-08	8.19E-09	1.34E-08	2.12E-08	3.74E-09	1.87E-08	1.04E-07
2112	494611.06	3859651.99	1.32E-04	1.62E-04	1.42E-04	4.58E-08	1.38E-07	8.00E-08	9.80E-08	8.88E-08	4.05E-08	3.55E-08	1.53E-09	3.69E-08	8.14E-09	1.33E-08	2.11E-08	3.72E-09	1.86E-08	1.03E-07
2113	494661.06	3859651.99	1.30E-04	1.60E-04	1.40E-04	4.52E-08	1.36E-07	7.90E-08	9.67E-08	8.77E-08	4.00E-08	3.51E-08	1.51E-09	3.64E-08	8.04E-09	1.31E-08	2.08E-08	3.67E-09	1.84E-08	1.02E-07
2114	494711.06	3859651.99	1.30E-04	1.59E-04	1.39E-04	4.50E-08	1.36E-07	7.86E-08	9.63E-08	8.73E-08	3.98E-08	3.49E-08	1.50E-09	3.63E-08	8.00E-09	1.31E-08	2.07E-08	3.65E-09	1.83E-08	1.02E-07
2115	494761.06	3859651.99	1.29E-04	1.58E-04	1.39E-04	4.48E-08	1.35E-07	7.83E-08	9.59E-08	8.69E-08	3.97E-08	3.48E-08	1.50E-09	3.61E-08	7.97E-09	1.30E-08	2.07E-08	3.64E-09	1.82E-08	1.01E-07
2116	494811.06	3859651.99	1.28E-04	1.57E-04	1.38E-04	4.44E-08	1.34E-07	7.76E-08	9.51E-08	8.62E-08	3.93E-08	3.45E-08	1.48E-09	3.58E-08	7.91E-09	1.29E-08	2.05E-08	3.61E-09	1.81E-08	1.00E-07
2117	494861.06	3859651.99	1.28E-04	1.56E-04	1.37E-04	4.42E-08	1.33E-07	7.73E-08	9.46E-08	8.58E-08	3.91E-08	3.43E-08	1.48E-09	3.57E-08	7.87E-09	1.28E-08	2.04E-08	3.59E-09	1.80E-08	9.98E-08
2118	494911.06	3859651.99	1.27E-04	1.55E-04	1.36E-04	4.39E-08	1.33E-07	7.68E-08	9.40E-08	8.52E-08	3.89E-08	3.41E-08	1.47E-09	3.54E-08	7.82E-09	1.28E-08	2.03E-08	3.57E-09	1.79E-08	9.92E-08
2119	494961.06	3859651.99	1.26E-04	1.54E-04	1.35E-04	4.37E-08	1.32E-07	7.64E-08	9.35E-08	8.48E-08	3.87E-08	3.39E-08	1.46E-09	3.52E-08	7.78E-09	1.27E-08	2.01E-08	3.55E-09	1.78E-08	9.87E-08
2120	495011.06	3859651.99	1.25E-04	1.53E-04	1.34E-04	4.34E-08	1.31E-07	7.59E-08	9.30E-08	8.43E-08	3.85E-08	3.37E-08	1.45E-09	3.50E-08	7.73E-09	1.26E-08	2.00E-08	3.53E-09	1.77E-08	9.81E-08
2121	495061.06	3859651.99	1.25E-04	1.53E-04	1.34E-04	4.32E-08	1.31E-07	7.56E-08	9.26E-08	8.39E-08	3.83E-08	3.36E-08	1.44E-09	3.49E-08	7.70E-09	1.26E-08	1.99E-08	3.51E-09	1.76E-08	9.77E-08
2122	495111.06	3859651.99	1.24E-04	1.52E-04	1.33E-04	4.29E-08	1.30E-07	7.51E-08	9.19E-08	8.34E-08	3.80E-08	3.33E-08	1.43E-09	3.46E-08	7.64E-09	1.25E-08	1.98E-08	3.49E-09	1.75E-08	9.70E-08
2123	495161.06	3859651.99	1.23E-04	1.51E-04	1.32E-04	4.27E-08	1.29E-07	7.47E-08	9.15E-08	8.29E-08	3.78E-08	3.32E-08	1.43E-09	3.45E-08	7.61E-09	1.24E-08	1.97E-08	3.47E-09	1.74E-08	9.65E-08
2124	495211.06	3859651.99	1.23E-04	1.50E-04	1.32E-04	4.26E-08	1.28E-07	7.44E-08	9.11E-08	8.26E-08	3.77E-08	3.30E-08	1.42E-09	3.43E-08	7.57E-09	1.24E-08	1.96E-08	3.46E-09	1.73E-08	9.61E-08
2125	495261.06	3859651.99	1.22E-04	1.50E-04	1.31E-04	4.23E-08	1.28E-07	7.40E-08	9.06E-08	8.21E-08	3.75E-08	3.29E-08	1.41E-09	3.41E-08	7.53E-09	1.23E-08	1.95E-08	3.44E-09	1.72E-08	9.56E-08
2126	495311.06	3859651.99	1.22E-04	1.49E-04	1.30E-04	4.21E-08	1.27E-07	7.36E-08	9.02E-08	8.18E-08	3.73E-08	3.27E-08	1.41E-09	3.40E-08	7.50E-09	1.22E-08	1.94E-08	3.42E-09	1.72E-08	9.51E-08
2127	495361.06	3859651.99	1.21E-04	1.48E-04	1.30E-04	4.20E-08	1.27E-07	7.33E-08	8.98E-08	8.14E-08	3.72E-08	3.26E-08	1.40E-09	3.38E-08	7.47E-09	1.22E-08	1.93E-08	3.41E-09	1.71E-08	9.47E-08
2128	495411.06	3859651.99	1.20E-04	1.47E-04	1.29E-04	4.17E-08	1.26E-07	7.29E-08	8.93E-08	8.10E-08	3.70E-08	3.24E-08	1.39E-09	3.37E-08	7.43E-09	1.21E-08	1.92E-08	3.39E-09	1.70E-08	9.42E-08
2129	495461.06	3859651.99	1.19E-04	1.46E-04	1.28E-04	4.14E-08	1.25E-07	7.23E-08	8.85E-08	8.03E-08	3.66E-08	3.21E-08	1.38E-09	3.34E-08	7.36E-09	1.20E-08	1.91E-08	3.36E-09	1.68E-08	9.34E-08
2130	495511.06	3859651.99	1.18E-04	1.45E-04	1.27E-04	4.10E-08	1.24E-07	7.17E-08	8.78E-08	7.96E-08	3.63E-08	3.18E-08	1.37E-09	3.31E-08	7.30E-09	1.19E-08	1.89E-08	3.33E-09	1.67E-08	9.26E-08
2131	495561.06	3859651.99	1.18E-04	1.44E-04	1.27E-04	4.08E-08	1.23E-07	7.14E-08	8.74E-08	7.93E-08	3.62E-08	3.17E-08	1.36E-09	3.29E-08	7.27E-09	1.19E-08	1.88E-08	3.32E-09	1.66E-08	9.22E-08
2132	495611.06	3859651.99	1.17E-04	1.43E-04	1.26E-04	4.06E-08	1.23E-07	7.09E-08	8.69E-08	7.88E-08	3.59E-08	3.15E-08	1.36E-09	3.27E-08	7.22E-09	1.18E-08	1.87E-08	3.30E-09	1.65E-08	9.17E-08
2133	495661.06	3859651.99	1.16E-04	1.42E-04	1.25E-04	4.03E-08	1.22E-07	7.05E-08	8.63E-08	7.82E-08	3.57E-08	3.13E-08	1.35E-09	3.25E-08	7.17E-09	1.17E-08	1.86E-08	3.28E-09	1.64E-08	9.10E-08
2134	494311.06	3859701.99	1.34E-04	1.64E-04	1.44E-04	4.65E-08	1.40E-07	8.13E-08	9.96E-08	9.03E-08	4.12E-08	3.61E-08	1.55E-09	3.75E-08	8.28E-09	1.35E-08	2.14E-08	3.78E-09	1.89E-08	1.05E-07
2135	494361.06	3859701.99	1.33E-04	1.63E-04	1.43E-04	4.62E-08	1.40E-07	8.08E-08	9.89E-08	8.97E-08	4.09E-08	3.59E-08	1.54E-09	3.73E-08	8.22E-09	1.34E-08	2.13E-08	3.76E-09	1.88E-08	1.04E-07
2136	494411.06	3859701.99	1.33E-04	1.63E-04	1.43E-04	4.60E-08	1.39E-07	8.04E-08	9.85E-08	8.93E-08	4.07E-08	3.57E-08	1.54E-09	3.71E-08	8.19E-09	1.34E-08	2.12E-08	3.74E-09	1.87E-08	1.04E-07
2137	494461.06	3859701.99	1.33E-04	1.62E-04	1.42E-04	4.60E-08	1.39E-07	8.04E-08	9.84E-08	8.92E-08	4.07E-08	3.57E-08	1.54E-09	3.71E-08	8.18E-09	1.34E-08	2.12E-08	3.74E-09	1.87E-08	1.04E-07
2138	494511.06	3859701.99	1.32E-04	1.62E-04	1.42E-04	4.57E-08	1.38E-07	7.99E-08	9.79E-08	8.87E-08	4.05E-08	3.55E-08	1.53E-09	3.69E-08	8.14E-09	1.33E-08	2.11E-08	3.71E-09	1.86E-08	1.03E-07

2139	494561.06	3859701.99	1.31E-04	1.61E-04	1.41E-04	4.55E-08	1.37E-07	7.95E-08	9.74E-08	8.83E-08	4.03E-08	3.53E-08	1.52E-09	3.67E-08	8.10E-09	1.32E-08	2.10E-08	3.70E-09	1.85E-08	1.03E-07
2140	494611.06	3859701.99	1.31E-04	1.60E-04	1.40E-04	4.53E-08	1.37E-07	7.91E-08	9.69E-08	8.79E-08	4.01E-08	3.51E-08	1.51E-09	3.65E-08	8.06E-09	1.32E-08	2.09E-08	3.68E-09	1.84E-08	1.02E-07
2141	494661.06	3859701.99	1.29E-04	1.58E-04	1.39E-04	4.47E-08	1.35E-07	7.82E-08	9.58E-08	8.68E-08	3.96E-08	3.47E-08	1.49E-09	3.61E-08	7.96E-09	1.30E-08	2.06E-08	3.63E-09	1.82E-08	1.01E-07
2142	494711.06	3859701.99	1.29E-04	1.58E-04	1.38E-04	4.46E-08	1.35E-07	7.79E-08	9.55E-08	8.65E-08	3.95E-08	3.46E-08	1.49E-09	3.60E-08	7.94E-09	1.30E-08	2.06E-08	3.62E-09	1.82E-08	1.01E-07
2143	494761.06	3859701.99	1.28E-04	1.57E-04	1.37E-04	4.43E-08	1.34E-07	7.74E-08	9.48E-08	8.59E-08	3.92E-08	3.44E-08	1.48E-09	3.57E-08	7.88E-09	1.29E-08	2.04E-08	3.60E-09	1.80E-08	1.00E-07
2144	494811.06	3859701.99	1.27E-04	1.55E-04	1.36E-04	4.40E-08	1.33E-07	7.68E-08	9.41E-08	8.53E-08	3.89E-08	3.41E-08	1.47E-09	3.55E-08	7.83E-09	1.28E-08	2.03E-08	3.57E-09	1.79E-08	9.93E-08
2145	494861.06	3859701.99	1.27E-04	1.55E-04	1.36E-04	4.39E-08	1.32E-07	7.67E-08	9.39E-08	8.51E-08	3.88E-08	3.40E-08	1.46E-09	3.54E-08	7.81E-09	1.27E-08	2.02E-08	3.56E-09	1.79E-08	9.91E-08
2146	494911.06	3859701.99	1.26E-04	1.54E-04	1.35E-04	4.36E-08	1.32E-07	7.62E-08	9.33E-08	8.46E-08	3.86E-08	3.38E-08	1.46E-09	3.52E-08	7.76E-09	1.27E-08	2.01E-08	3.54E-09	1.78E-08	9.84E-08
2147	494961.06	3859701.99	1.25E-04	1.53E-04	1.34E-04	4.33E-08	1.31E-07	7.57E-08	9.27E-08	8.41E-08	3.84E-08	3.36E-08	1.45E-09	3.49E-08	7.71E-09	1.26E-08	2.00E-08	3.52E-09	1.76E-08	9.78E-08
2148	495011.06	3859701.99	1.24E-04	1.52E-04	1.34E-04	4.31E-08	1.30E-07	7.54E-08	9.24E-08	8.37E-08	3.82E-08	3.35E-08	1.44E-09	3.48E-08	7.68E-09	1.25E-08	1.99E-08	3.51E-09	1.76E-08	9.74E-08
2149	495061.06	3859701.99	1.24E-04	1.52E-04	1.33E-04	4.29E-08	1.30E-07	7.50E-08	9.19E-08	8.33E-08	3.80E-08	3.33E-08	1.43E-09	3.46E-08	7.64E-09	1.25E-08	1.98E-08	3.49E-09	1.75E-08	9.69E-08
2150	495111.06	3859701.99	1.23E-04	1.51E-04	1.32E-04	4.27E-08	1.29E-07	7.46E-08	9.14E-08	8.28E-08	3.78E-08	3.31E-08	1.43E-09	3.44E-08	7.60E-09	1.24E-08	1.97E-08	3.47E-09	1.74E-08	9.64E-08
2151	495161.06	3859701.99	1.22E-04	1.50E-04	1.31E-04	4.24E-08	1.28E-07	7.42E-08	9.08E-08	8.23E-08	3.76E-08	3.29E-08	1.42E-09	3.42E-08	7.55E-09	1.23E-08	1.96E-08	3.45E-09	1.73E-08	9.58E-08
2152	495211.06	3859701.99	1.22E-04	1.49E-04	1.31E-04	4.22E-08	1.27E-07	7.37E-08	9.03E-08	8.18E-08	3.73E-08	3.27E-08	1.41E-09	3.40E-08	7.51E-09	1.23E-08	1.94E-08	3.43E-09	1.72E-08	9.52E-08
2153	495261.06	3859701.99	1.21E-04	1.49E-04	1.30E-04	4.21E-08	1.27E-07	7.35E-08	9.01E-08	8.16E-08	3.72E-08	3.26E-08	1.40E-09	3.39E-08	7.49E-09	1.22E-08	1.94E-08	3.42E-09	1.71E-08	9.50E-08
2154	495311.06	3859701.99	1.21E-04	1.48E-04	1.30E-04	4.18E-08	1.26E-07	7.31E-08	8.95E-08	8.12E-08	3.70E-08	3.25E-08	1.40E-09	3.37E-08	7.44E-09	1.22E-08	1.93E-08	3.40E-09	1.70E-08	9.44E-08
2155	495361.06	3859701.99	1.20E-04	1.47E-04	1.29E-04	4.16E-08	1.26E-07	7.27E-08	8.90E-08	8.07E-08	3.68E-08	3.23E-08	1.39E-09	3.35E-08	7.40E-09	1.21E-08	1.92E-08	3.38E-09	1.69E-08	9.39E-08
2156	495411.06	3859701.99	1.19E-04	1.46E-04	1.28E-04	4.13E-08	1.25E-07	7.22E-08	8.84E-08	8.01E-08	3.66E-08	3.20E-08	1.38E-09	3.33E-08	7.35E-09	1.20E-08	1.90E-08	3.36E-09	1.68E-08	9.32E-08
2157	495461.06	3859701.99	1.18E-04	1.45E-04	1.27E-04	4.10E-08	1.24E-07	7.17E-08	8.79E-08	7.97E-08	3.63E-08	3.19E-08	1.37E-09	3.31E-08	7.31E-09	1.19E-08	1.89E-08	3.34E-09	1.67E-08	9.27E-08
2158	495511.06	3859701.99	1.17E-04	1.44E-04	1.26E-04	4.06E-08	1.23E-07	7.10E-08	8.70E-08	7.88E-08	3.60E-08	3.15E-08	1.36E-09	3.28E-08	7.23E-09	1.18E-08	1.87E-08	3.30E-09	1.65E-08	9.18E-08
2159	495561.06	3859701.99	1.17E-04	1.43E-04	1.26E-04	4.06E-08	1.23E-07	7.09E-08	8.69E-08	7.88E-08	3.59E-08	3.15E-08	1.36E-09	3.27E-08	7.22E-09	1.18E-08	1.87E-08	3.30E-09	1.65E-08	9.16E-08
2160	495611.06	3859701.99	1.16E-04	1.43E-04	1.25E-04	4.04E-08	1.22E-07	7.05E-08	8.64E-08	7.83E-08	3.57E-08	3.13E-08	1.35E-09	3.26E-08	7.18E-09	1.17E-08	1.86E-08	3.28E-09	1.64E-08	9.11E-08
2161	495661.06	3859701.99	1.16E-04	1.42E-04	1.24E-04	4.01E-08	1.21E-07	7.01E-08	8.59E-08	7.78E-08	3.55E-08	3.11E-08	1.34E-09	3.23E-08	7.14E-09	1.17E-08	1.85E-08	3.26E-09	1.63E-08	9.06E-08
2162	494311.06	3859751.99	1.33E-04	1.62E-04	1.42E-04	4.60E-08	1.39E-07	8.03E-08	9.84E-08	8.92E-08	4.07E-08	3.57E-08	1.53E-09	3.71E-08	8.18E-09	1.34E-08	2.12E-08	3.73E-09	1.87E-08	1.04E-07
2163	494361.06	3859751.99	1.32E-04	1.62E-04	1.42E-04	4.57E-08	1.38E-07	7.99E-08	9.79E-08	8.87E-08	4.05E-08	3.55E-08	1.53E-09	3.69E-08	8.14E-09	1.33E-08	2.11E-08	3.71E-09	1.86E-08	1.03E-07
2164	494411.06	3859751.99	1.31E-04	1.61E-04	1.41E-04	4.54E-08	1.37E-07	7.94E-08	9.73E-08	8.82E-08	4.02E-08	3.53E-08	1.52E-09	3.66E-08	8.09E-09	1.32E-08	2.09E-08	3.69E-09	1.85E-08	1.03E-07
2165	494461.06	3859751.99	1.31E-04	1.60E-04	1.40E-04	4.53E-08	1.37E-07	7.92E-08	9.70E-08	8.80E-08	4.01E-08	3.52E-08	1.51E-09	3.66E-08	8.07E-09	1.32E-08	2.09E-08	3.68E-09	1.85E-08	1.02E-07
2166	494511.06	3859751.99	1.30E-04	1.60E-04	1.40E-04	4.52E-08	1.36E-07	7.90E-08	9.67E-08	8.77E-08	4.00E-08	3.51E-08	1.51E-09	3.64E-08	8.04E-09	1.31E-08	2.08E-08	3.67E-09	1.84E-08	1.02E-07
2167	494561.06	3859751.99	1.30E-04	1.59E-04	1.39E-04	4.49E-08	1.36E-07	7.85E-08	9.62E-08	8.72E-08	3.98E-08	3.49E-08	1.50E-09	3.62E-08	8.00E-09	1.31E-08	2.07E-08	3.65E-09	1.83E-08	1.01E-07
2168	494611.06	3859751.99	1.29E-04	1.58E-04	1.38E-04	4.47E-08	1.35E-07	7.81E-08	9.56E-08	8.67E-08	3.95E-08	3.47E-08	1.49E-09	3.60E-08	7.95E-09	1.30E-08	2.06E-08	3.63E-09	1.82E-08	1.01E-07
2169	494661.06	3859751.99	1.28E-04	1.56E-04	1.37E-04	4.43E-08	1.34E-07	7.74E-08	9.48E-08	8.59E-08	3.92E-08	3.44E-08	1.48E-09	3.57E-08	7.88E-09	1.29E-08	2.04E-08	3.60E-09	1.80E-08	1.00E-07
2170	494711.06	3859751.99	1.27E-04	1.56E-04	1.37E-04	4.41E-08	1.33E-07	7.71E-08	9.45E-08	8.57E-08	3.91E-08	3.43E-08	1.47E-09	3.56E-08	7.86E-09	1.28E-08	2.04E-08	3.59E-09	1.80E-08	9.97E-08
2171	494761.06	3859751.99	1.27E-04	1.55E-04	1.36E-04	4.39E-08	1.33E-07	7.68E-08	9.41E-08	8.53E-08	3.89E-08	3.41E-08	1.47E-09	3.54E-08	7.82E-09	1.28E-08	2.03E-08	3.57E-09	1.79E-08	9.92E-08
2172	494811.06	3859751.99	1.26E-04	1.54E-04	1.35E-04	4.37E-08	1.32E-07	7.63E-08	9.35E-08	8.47E-08	3.87E-08	3.39E-08	1.46E-09	3.52E-08	7.77E-09	1.27E-08	2.01E-08	3.55E-09	1.78E-08	9.86E-08
2173	494861.06	3859751.99	1.25E-04	1.54E-04	1.35E-04	4.35E-08	1.31E-07	7.60E-08	9.30E-08	8.43E-08	3.85E-08	3.37E-08	1.45E-09	3.51E-08	7.73E-09	1.26E-08	2.00E-08	3.53E-09	1.77E-08	9.81E-08
2174	494911.06	3859751.99	1.25E-04	1.53E-04	1.34E-04	4.32E-08	1.31E-07	7.56E-08	9.26E-08	8.39E-08	3.83E-08	3.36E-08	1.44E-09	3.49E-08	7.70E-09	1.26E-08	1.99E-08	3.51E-09	1.76E-08	9.76E-08
2175	494961.06	3859751.99	1.24E-04	1.52E-04	1.33E-04	4.30E-08	1.30E-07	7.52E-08	9.21E-08	8.35E-08	3.81E-08	3.34E-08	1.44E-09	3.47E-08	7.66E-09	1.25E-08	1.98E-08	3.50E-09	1.75E-08	9.71E-08
2176	495011.06	3859751.99	1.23E-04	1.51E-04	1.33E-04	4.28E-08	1.29E-07	7.48E-08	9.16E-08	8.30E-08	3.79E-08	3.32E-08	1.43E-09	3.45E-08	7.62E-09	1.24E-08	1.97E-08	3.48E-09	1.74E-08	9.66E-08
2177	495061.06	3859751.99	1.23E-04	1.51E-04	1.32E-04	4.26E-08	1.29E-07	7.45E-08	9.12E-08	8.27E-08	3.77E-08	3.31E-08	1.42E-09	3.44E-08	7.58E-09	1.24E-08	1.96E-08	3.46E-09	1.74E-08	9.62E-08
2178	495111.06	3859751.99	1.22E-04	1.50E-04	1.31E-04	4.24E-08	1.28E-07	7.41E-08	9.07E-08	8.22E-08	3.75E-08	3.29E-08	1.42E-09	3.42E-08	7.54E-09	1.23E-08	1.95E-08	3.44E-09	1.73E-08	9.57E-08
2179	495161.06	3859751.99	1.22E-04	1.49E-04	1.31E-04	4.21E-08	1.27E-07	7.36E-08	9.02E-08	8.18E-08	3.73E-08	3.27E-08	1.41E-09	3.40E-08	7.50E-09	1.22E-08	1.94E-08	3.42E-09	1.72E-08	9.52E-08
2180	495211.06	3859751.99	1.21E-04	1.48E-04	1.30E-04	4.19E-08	1.26E-07	7.32E-08	8.97E-08	8.13E-08	3.71E-08	3.25E-08	1.40E-09	3.38E-08	7.45E-09	1.22E-08	1.93E-08	3.40E-09	1.71E-08	9.46E-08
2181	495261.06	3859751.99	1.20E-04	1.47E-04	1.29E-04	4.17E-08	1.26E-07	7.29E-08	8.93E-08	8.09E-08	3.69E-08	3.24E-08	1.39E-09	3.36E-08	7.42E-09	1.21E-08	1.92E-08	3.39E-09	1.70E-08	9.42E-08
2182	495311.06	3859751.99	1.20E-04	1.47E-04	1.28E-04	4.15E-08	1.25E-07	7.25E-08	8.88E-08	8.05E-08	3.67E-08	3.22E-08	1.38E-09	3.35E-08	7.38E-09	1.21E-08	1.91E-08	3.37E-09	1.69E-08	9.37E-08
2183	495361.06	3859751.99	1.19E-04	1.46E-04	1.28E-04	4.13E-08	1.25E-07	7.21E-08	8.83E-08	8.01E-08	3.65E-08	3.20E-08	1.38E-09	3.33E-08	7.34E-09	1.20E-08	1.90E-08	3.35E-09	1.68E-08	9.32E-08
2184	495411.06	3859751.99	1.18E-04	1.45E-04	1.27E-04	4.10E-08	1.24E-07	7.17E-08	8.79E-08	7.97E-08	3.63E-08	3.19E-08	1.37E-09	3.31E-08	7.31E-09	1.19E-08	1.89E-08	3.34E-09	1.67E-08	9.27E-08
2185	495461.06	3859751.99	1.18E-04	1.44E-04	1.26E-04	4.08E-08	1.23E-07	7.12E-08	8.73E-08	7.91E-08	3.61E-08	3.16E-08	1.36E-09	3.29E-08	7.25E-09	1.18E-08	1.88E-08	3.31E-09	1.66E-08	9.21E-08
2186	495511.06	3859751.99	1.17E-04	1.43E-04	1.25E-04	4.05E-08	1.22E-07	7.07E-08	8.66E-08	7.85E-08	3.58E-08	3.14E-08	1.35E-09	3.26E-08	7.20E-09	1.18E-08	1.87E-08	3.29E-09	1.65E-08	9.14E-08
2187	495561.06	3859751.99	1.16E-04	1.42E-04	1.25E-04	4.03E-08	1.22E-07	7.04E-08	8.62E-08	7.81E-08	3.56E-08	3.12E-08	1.34E-09	3.25E-08	7.16E-09	1.17E-08	1.86E-08	3.27E-09	1.64E-08	9.09E-08
2188	495611.06	3859751.99	1.16E-04	1.42E-04	1.24E-04	4.00E-08	1.21E-07	7.00E-08	8.57E-08	7.77E-08	3.55E-08	3.11E-08	1.34E-09	3.23E-08	7.13E-09	1.16E-08	1.85E-08	3.25E-09	1.63E-08	9.04E-08
2189	495661.06	3859751.99	1.15E-04	1.41E-04	1.24E-04	3.99E-08	1.20E-07	6.97E-08	8.54E-08	7.74E-08	3.53E-08	3.09E-08	1.33E-09	3.22E-08	7.10E-09	1.16E-08	1.84E-08	3.24E-09	1.62E-08	9.00E-08
2190	494311.06	3859801.99	1.31E-04	1.60E-04	1.40E-04	4.53E-08	1.37E-07	7.93E-08	9.71E-08	8.80E-08	4.02E-08	3.52E-08	1.51E-09	3.66E-08	8.07E-09	1.32E-08	2.09E-08	3.68E-09	1.85E-08	1.02E-07
2191	494361.06	3859801.99	1.30E-04	1.59E-04	1.40E-04	4.51E-08	1.36E-07	7.88E-08	9.65E-08	8.75E-08	3.99E-08	3.50E-08	1.51E-09	3.64E-08	8.02E-09	1.31E-08	2.08E-08	3.66E-09	1.84E-08	1.02E-07
2192	494411.06	3859801.99	1.29E-04	1.58E-04	1.39E-04	4.48E-08	1.35E-07	7.83E-08	9.59E-08	8.69E-08	3.97E-08	3.48E-08	1.50E-09	3.61E-08	7.97E-09	1.30E-08	2.06E-08	3.64E-09	1.82E-08	1.01E-07
2193	494461.06	3859801.99	1.29E-04	1.58E-04	1.38E-04	4.47E-08	1.35E-07	7.81E-08	9.56E-08	8.67E-08	3.96E-08	3.47E-08	1.49E-09	3.60E-08	7.95E-09	1.30E-08	2.06E-08	3.63E-09	1.82E-08	1.01E-07

2194	494511.06	3859801.99	1.29E-04	1.57E-04	1.38E-04	4.45E-08	1.35E-07	7.79E-08	9.54E-08	8.64E-08	3.94E-08	3.46E-08	1.49E-09	3.59E-08	7.93E-09	1.29E-08	2.05E-08	3.62E-09	1.81E-08	1.01E-07
2195	494561.06	3859801.99	1.28E-04	1.57E-04	1.37E-04	4.43E-08	1.34E-07	7.75E-08	9.49E-08	8.60E-08	3.93E-08	3.44E-08	1.48E-09	3.58E-08	7.89E-09	1.29E-08	2.04E-08	3.60E-09	1.81E-08	1.00E-07
2196	494611.06	3859801.99	1.27E-04	1.56E-04	1.36E-04	4.40E-08	1.33E-07	7.69E-08	9.42E-08	8.54E-08	3.90E-08	3.42E-08	1.47E-09	3.55E-08	7.83E-09	1.28E-08	2.03E-08	3.58E-09	1.79E-08	9.94E-08
2197	494661.06	3859801.99	1.26E-04	1.55E-04	1.36E-04	4.38E-08	1.32E-07	7.65E-08	9.37E-08	8.50E-08	3.88E-08	3.40E-08	1.46E-09	3.53E-08	7.79E-09	1.27E-08	2.02E-08	3.56E-09	1.78E-08	9.89E-08
2198	494711.06	3859801.99	1.26E-04	1.54E-04	1.35E-04	4.35E-08	1.31E-07	7.61E-08	9.31E-08	8.44E-08	3.85E-08	3.38E-08	1.45E-09	3.51E-08	7.74E-09	1.26E-08	2.01E-08	3.54E-09	1.77E-08	9.83E-08
2199	494761.06	3859801.99	1.25E-04	1.53E-04	1.34E-04	4.34E-08	1.31E-07	7.59E-08	9.29E-08	8.43E-08	3.84E-08	3.37E-08	1.45E-09	3.50E-08	7.73E-09	1.26E-08	2.00E-08	3.53E-09	1.77E-08	9.80E-08
2200	494811.06	3859801.99	1.25E-04	1.53E-04	1.34E-04	4.32E-08	1.30E-07	7.55E-08	9.24E-08	8.38E-08	3.82E-08	3.35E-08	1.44E-09	3.48E-08	7.69E-09	1.26E-08	1.99E-08	3.51E-09	1.76E-08	9.75E-08
2201	494861.06	3859801.99	1.24E-04	1.52E-04	1.33E-04	4.30E-08	1.30E-07	7.51E-08	9.20E-08	8.34E-08	3.81E-08	3.34E-08	1.44E-09	3.47E-08	7.65E-09	1.25E-08	1.98E-08	3.49E-09	1.75E-08	9.71E-08
2202	494911.06	3859801.99	1.23E-04	1.51E-04	1.32E-04	4.27E-08	1.29E-07	7.47E-08	9.15E-08	8.30E-08	3.78E-08	3.32E-08	1.43E-09	3.45E-08	7.61E-09	1.24E-08	1.97E-08	3.47E-09	1.74E-08	9.65E-08
2203	494961.06	3859801.99	1.23E-04	1.50E-04	1.32E-04	4.25E-08	1.28E-07	7.44E-08	9.11E-08	8.26E-08	3.77E-08	3.30E-08	1.42E-09	3.43E-08	7.57E-09	1.24E-08	1.96E-08	3.46E-09	1.73E-08	9.61E-08
2204	495011.06	3859801.99	1.22E-04	1.50E-04	1.31E-04	4.23E-08	1.28E-07	7.40E-08	9.06E-08	8.21E-08	3.75E-08	3.28E-08	1.41E-09	3.41E-08	7.53E-09	1.23E-08	1.95E-08	3.44E-09	1.72E-08	9.56E-08
2205	495061.06	3859801.99	1.22E-04	1.49E-04	1.31E-04	4.21E-08	1.27E-07	7.37E-08	9.02E-08	8.18E-08	3.73E-08	3.27E-08	1.41E-09	3.40E-08	7.50E-09	1.22E-08	1.94E-08	3.42E-09	1.72E-08	9.52E-08
2206	495111.06	3859801.99	1.21E-04	1.48E-04	1.30E-04	4.19E-08	1.27E-07	7.32E-08	8.97E-08	8.13E-08	3.71E-08	3.25E-08	1.40E-09	3.38E-08	7.46E-09	1.22E-08	1.93E-08	3.41E-09	1.71E-08	9.46E-08
2207	495161.06	3859801.99	1.20E-04	1.47E-04	1.29E-04	4.17E-08	1.26E-07	7.28E-08	8.92E-08	8.09E-08	3.69E-08	3.23E-08	1.39E-09	3.36E-08	7.42E-09	1.21E-08	1.92E-08	3.39E-09	1.70E-08	9.41E-08
2208	495211.06	3859801.99	1.20E-04	1.47E-04	1.29E-04	4.15E-08	1.25E-07	7.25E-08	8.88E-08	8.05E-08	3.67E-08	3.22E-08	1.39E-09	3.35E-08	7.38E-09	1.21E-08	1.91E-08	3.37E-09	1.69E-08	9.37E-08
2209	495261.06	3859801.99	1.19E-04	1.46E-04	1.28E-04	4.12E-08	1.25E-07	7.21E-08	8.83E-08	8.01E-08	3.65E-08	3.20E-08	1.38E-09	3.33E-08	7.34E-09	1.20E-08	1.90E-08	3.35E-09	1.68E-08	9.32E-08
2210	495311.06	3859801.99	1.19E-04	1.45E-04	1.27E-04	4.11E-08	1.24E-07	7.18E-08	8.79E-08	7.97E-08	3.64E-08	3.19E-08	1.37E-09	3.31E-08	7.31E-09	1.19E-08	1.89E-08	3.34E-09	1.67E-08	9.28E-08
2211	495361.06	3859801.99	1.18E-04	1.44E-04	1.27E-04	4.09E-08	1.23E-07	7.14E-08	8.75E-08	7.93E-08	3.62E-08	3.17E-08	1.36E-09	3.30E-08	7.27E-09	1.19E-08	1.88E-08	3.32E-09	1.66E-08	9.23E-08
2212	495411.06	3859801.99	1.17E-04	1.44E-04	1.26E-04	4.06E-08	1.23E-07	7.10E-08	8.69E-08	7.88E-08	3.60E-08	3.15E-08	1.36E-09	3.28E-08	7.23E-09	1.18E-08	1.87E-08	3.30E-09	1.65E-08	9.17E-08
2213	495461.06	3859801.99	1.17E-04	1.43E-04	1.25E-04	4.04E-08	1.22E-07	7.06E-08	8.65E-08	7.84E-08	3.58E-08	3.14E-08	1.35E-09	3.26E-08	7.19E-09	1.17E-08	1.86E-08	3.28E-09	1.65E-08	9.13E-08
2214	495511.06	3859801.99	1.16E-04	1.42E-04	1.24E-04	4.01E-08	1.21E-07	7.01E-08	8.59E-08	7.79E-08	3.55E-08	3.11E-08	1.34E-09	3.24E-08	7.14E-09	1.17E-08	1.85E-08	3.26E-09	1.63E-08	9.06E-08
2215	495561.06	3859801.99	1.15E-04	1.41E-04	1.24E-04	3.99E-08	1.21E-07	6.98E-08	8.55E-08	7.75E-08	3.54E-08	3.10E-08	1.33E-09	3.22E-08	7.11E-09	1.16E-08	1.84E-08	3.25E-09	1.63E-08	9.02E-08
2216	495611.06	3859801.99	1.15E-04	1.41E-04	1.23E-04	3.98E-08	1.20E-07	6.96E-08	8.52E-08	7.73E-08	3.53E-08	3.09E-08	1.33E-09	3.21E-08	7.09E-09	1.16E-08	1.84E-08	3.24E-09	1.62E-08	8.99E-08
2217	495661.06	3859801.99	1.14E-04	1.40E-04	1.23E-04	3.96E-08	1.19E-07	6.91E-08	8.47E-08	7.68E-08	3.50E-08	3.07E-08	1.32E-09	3.19E-08	7.04E-09	1.15E-08	1.82E-08	3.21E-09	1.61E-08	8.93E-08
2218	494311.06	3859851.99	1.29E-04	1.58E-04	1.38E-04	4.46E-08	1.35E-07	7.80E-08	9.56E-08	8.67E-08	3.95E-08	3.47E-08	1.49E-09	3.60E-08	7.95E-09	1.30E-08	2.06E-08	3.63E-09	1.82E-08	1.01E-07
2219	494361.06	3859851.99	1.28E-04	1.57E-04	1.38E-04	4.44E-08	1.34E-07	7.77E-08	9.51E-08	8.62E-08	3.93E-08	3.45E-08	1.48E-09	3.58E-08	7.91E-09	1.29E-08	2.05E-08	3.61E-09	1.81E-08	1.00E-07
2220	494411.06	3859851.99	1.27E-04	1.56E-04	1.37E-04	4.42E-08	1.33E-07	7.72E-08	9.46E-08	8.57E-08	3.91E-08	3.43E-08	1.48E-09	3.56E-08	7.86E-09	1.28E-08	2.04E-08	3.59E-09	1.80E-08	9.98E-08
2221	494461.06	3859851.99	1.27E-04	1.55E-04	1.36E-04	4.40E-08	1.33E-07	7.69E-08	9.41E-08	8.53E-08	3.89E-08	3.41E-08	1.47E-09	3.55E-08	7.83E-09	1.28E-08	2.03E-08	3.57E-09	1.79E-08	9.93E-08
2222	494511.06	3859851.99	1.26E-04	1.55E-04	1.36E-04	4.38E-08	1.32E-07	7.66E-08	9.38E-08	8.50E-08	3.88E-08	3.40E-08	1.46E-09	3.53E-08	7.80E-09	1.27E-08	2.02E-08	3.56E-09	1.78E-08	9.89E-08
2223	494561.06	3859851.99	1.26E-04	1.54E-04	1.35E-04	4.37E-08	1.32E-07	7.63E-08	9.35E-08	8.48E-08	3.87E-08	3.39E-08	1.46E-09	3.52E-08	7.77E-09	1.27E-08	2.01E-08	3.55E-09	1.78E-08	9.86E-08
2224	494611.06	3859851.99	1.25E-04	1.53E-04	1.34E-04	4.34E-08	1.31E-07	7.58E-08	9.29E-08	8.42E-08	3.84E-08	3.37E-08	1.45E-09	3.50E-08	7.72E-09	1.26E-08	2.00E-08	3.53E-09	1.77E-08	9.80E-08
2225	494661.06	3859851.99	1.25E-04	1.53E-04	1.34E-04	4.32E-08	1.30E-07	7.55E-08	9.25E-08	8.39E-08	3.83E-08	3.35E-08	1.44E-09	3.49E-08	7.69E-09	1.26E-08	1.99E-08	3.51E-09	1.76E-08	9.76E-08
2226	494711.06	3859851.99	1.24E-04	1.52E-04	1.33E-04	4.30E-08	1.30E-07	7.51E-08	9.20E-08	8.34E-08	3.80E-08	3.33E-08	1.43E-09	3.46E-08	7.65E-09	1.25E-08	1.98E-08	3.49E-09	1.75E-08	9.70E-08
2227	494761.06	3859851.99	1.24E-04	1.51E-04	1.33E-04	4.28E-08	1.29E-07	7.49E-08	9.17E-08	8.31E-08	3.79E-08	3.32E-08	1.43E-09	3.45E-08	7.62E-09	1.24E-08	1.97E-08	3.48E-09	1.74E-08	9.67E-08
2228	494811.06	3859851.99	1.23E-04	1.51E-04	1.32E-04	4.26E-08	1.29E-07	7.45E-08	9.12E-08	8.27E-08	3.77E-08	3.31E-08	1.42E-09	3.44E-08	7.59E-09	1.24E-08	1.97E-08	3.46E-09	1.74E-08	9.62E-08
2229	494861.06	3859851.99	1.22E-04	1.50E-04	1.31E-04	4.24E-08	1.28E-07	7.42E-08	9.09E-08	8.24E-08	3.76E-08	3.29E-08	1.42E-09	3.42E-08	7.56E-09	1.23E-08	1.96E-08	3.45E-09	1.73E-08	9.59E-08
2230	494911.06	3859851.99	1.22E-04	1.49E-04	1.31E-04	4.22E-08	1.28E-07	7.38E-08	9.04E-08	8.20E-08	3.74E-08	3.28E-08	1.41E-09	3.41E-08	7.52E-09	1.23E-08	1.95E-08	3.43E-09	1.72E-08	9.54E-08
2231	494961.06	3859851.99	1.21E-04	1.49E-04	1.30E-04	4.20E-08	1.27E-07	7.35E-08	9.00E-08	8.16E-08	3.72E-08	3.26E-08	1.40E-09	3.39E-08	7.48E-09	1.22E-08	1.94E-08	3.42E-09	1.71E-08	9.49E-08
2232	495011.06	3859851.99	1.21E-04	1.48E-04	1.30E-04	4.18E-08	1.26E-07	7.31E-08	8.96E-08	8.12E-08	3.70E-08	3.25E-08	1.40E-09	3.37E-08	7.45E-09	1.22E-08	1.93E-08	3.40E-09	1.70E-08	9.45E-08
2233	495061.06	3859851.99	1.20E-04	1.47E-04	1.29E-04	4.17E-08	1.26E-07	7.28E-08	8.92E-08	8.08E-08	3.69E-08	3.23E-08	1.39E-09	3.36E-08	7.41E-09	1.21E-08	1.92E-08	3.38E-09	1.70E-08	9.41E-08
2234	495111.06	3859851.99	1.20E-04	1.46E-04	1.28E-04	4.14E-08	1.25E-07	7.24E-08	8.87E-08	8.04E-08	3.67E-08	3.22E-08	1.38E-09	3.34E-08	7.37E-09	1.20E-08	1.91E-08	3.37E-09	1.69E-08	9.36E-08
2235	495161.06	3859851.99	1.19E-04	1.46E-04	1.28E-04	4.12E-08	1.24E-07	7.21E-08	8.83E-08	8.00E-08	3.65E-08	3.20E-08	1.38E-09	3.32E-08	7.34E-09	1.20E-08	1.90E-08	3.35E-09	1.68E-08	9.31E-08
2236	495211.06	3859851.99	1.18E-04	1.45E-04	1.27E-04	4.10E-08	1.24E-07	7.17E-08	8.78E-08	7.96E-08	3.63E-08	3.18E-08	1.37E-09	3.31E-08	7.30E-09	1.19E-08	1.89E-08	3.33E-09	1.67E-08	9.27E-08
2237	495261.06	3859851.99	1.18E-04	1.44E-04	1.26E-04	4.08E-08	1.23E-07	7.14E-08	8.74E-08	7.92E-08	3.62E-08	3.17E-08	1.36E-09	3.29E-08	7.27E-09	1.19E-08	1.88E-08	3.32E-09	1.66E-08	9.22E-08
2238	495311.06	3859851.99	1.17E-04	1.44E-04	1.26E-04	4.06E-08	1.23E-07	7.10E-08	8.70E-08	7.89E-08	3.60E-08	3.15E-08	1.36E-09	3.28E-08	7.23E-09	1.18E-08	1.87E-08	3.30E-09	1.66E-08	9.18E-08
2239	495361.06	3859851.99	1.17E-04	1.43E-04	1.25E-04	4.05E-08	1.22E-07	7.07E-08	8.66E-08	7.85E-08	3.58E-08	3.14E-08	1.35E-09	3.26E-08	7.20E-09	1.18E-08	1.87E-08	3.29E-09	1.65E-08	9.14E-08
2240	495411.06	3859851.99	1.16E-04	1.42E-04	1.25E-04	4.02E-08	1.21E-07	7.03E-08	8.61E-08	7.81E-08	3.56E-08	3.12E-08	1.34E-09	3.24E-08	7.16E-09	1.17E-08	1.85E-08	3.27E-09	1.64E-08	9.08E-08
2241	495461.06	3859851.99	1.15E-04	1.41E-04	1.24E-04	4.00E-08	1.21E-07	6.99E-08	8.57E-08	7.76E-08	3.54E-08	3.11E-08	1.34E-09	3.23E-08	7.12E-09	1.16E-08	1.84E-08	3.25E-09	1.63E-08	9.04E-08
2242	495511.06	3859851.99	1.15E-04	1.41E-04	1.23E-04	3.98E-08	1.20E-07	6.95E-08	8.51E-08	7.72E-08	3.52E-08	3.09E-08	1.33E-09	3.21E-08	7.08E-09	1.16E-08	1.83E-08	3.23E-09	1.62E-08	8.98E-08
2243	495561.06	3859851.99	1.14E-04	1.40E-04	1.23E-04	3.96E-08	1.20E-07	6.92E-08	8.48E-08	7.69E-08	3.51E-08	3.07E-08	1.32E-09	3.20E-08	7.05E-09	1.15E-08	1.83E-08	3.22E-09	1.61E-08	8.95E-08
2244	495611.06	3859851.99	1.14E-04	1.39E-04	1.22E-04	3.94E-08	1.19E-07	6.89E-08	8.44E-08	7.65E-08	3.49E-08	3.06E-08	1.32E-09	3.18E-08	7.02E-09	1.15E-08	1.82E-08	3.21E-09	1.61E-08	8.91E-08
2245	495661.06	3859851.99	1.13E-04	1.39E-04	1.21E-04	3.92E-08	1.18E-07	6.85E-08	8.39E-08	7.61E-08	3.47E-08	3.04E-08	1.31E-09	3.16E-08	6.98E-09	1.14E-08	1.81E-08	3.19E-09	1.60E-08	8.85E-08
2246	494311.06	3859901.99	1.27E-04	1.55E-04	1.36E-04	4.39E-08	1.33E-07	7.68E-08	9.41E-08	8.53E-08	3.89E-08	3.41E-08	1.47E-09	3.54E-08	7.82E-09	1.28E-08	2.03E-08	3.57E-09	1.79E-08	9.92E-08
2247	494361.06	3859901.99	1.26E-04	1.54E-04	1.35E-04	4.37E-08	1.32E-07	7.63E-08	9.35E-08	8.48E-08	3.87E-08	3.39E-08	1.46E-09	3.52E-08	7.77E-09	1.27E-08	2.01E-08	3.55E-09	1.78E-08	9.86E-08
2248	494411.06	3859901.99	1.26E-04	1.54E-04	1.35E-04	4.35E-08	1.31E-07	7.61E-08	9.32E-08	8.44E-08	3.85E-08	3.38E-08	1.45E-09	3.51E-08	7.74E-09	1.26E-08	2.01E-08	3.54E-09	1.77E-08	9.83E-08

2249	494461.06	3859901.99	1.25E-04	1.53E-04	1.34E-04	4.33E-08	1.31E-07	7.57E-08	9.27E-08	8.41E-08	3.84E-08	3.36E-08	1.45E-09	3.49E-08	7.71E-09	1.26E-08	2.00E-08	3.52E-09	1.76E-08	9.78E-08
2250	494511.06	3859901.99	1.24E-04	1.52E-04	1.34E-04	4.31E-08	1.30E-07	7.54E-08	9.24E-08	8.37E-08	3.82E-08	3.35E-08	1.44E-09	3.48E-08	7.68E-09	1.25E-08	1.99E-08	3.51E-09	1.76E-08	9.74E-08
2251	494561.06	3859901.99	1.24E-04	1.52E-04	1.33E-04	4.30E-08	1.30E-07	7.52E-08	9.21E-08	8.35E-08	3.81E-08	3.34E-08	1.44E-09	3.47E-08	7.66E-09	1.25E-08	1.98E-08	3.50E-09	1.75E-08	9.71E-08
2252	494611.06	3859901.99	1.23E-04	1.51E-04	1.32E-04	4.27E-08	1.29E-07	7.47E-08	9.15E-08	8.30E-08	3.79E-08	3.32E-08	1.43E-09	3.45E-08	7.61E-09	1.24E-08	1.97E-08	3.47E-09	1.74E-08	9.65E-08
2253	494661.06	3859901.99	1.23E-04	1.51E-04	1.32E-04	4.26E-08	1.29E-07	7.45E-08	9.12E-08	8.27E-08	3.77E-08	3.31E-08	1.42E-09	3.44E-08	7.58E-09	1.24E-08	1.96E-08	3.46E-09	1.74E-08	9.62E-08
2254	494711.06	3859901.99	1.22E-04	1.50E-04	1.31E-04	4.23E-08	1.28E-07	7.40E-08	9.06E-08	8.22E-08	3.75E-08	3.29E-08	1.41E-09	3.42E-08	7.54E-09	1.23E-08	1.95E-08	3.44E-09	1.72E-08	9.56E-08
2255	494761.06	3859901.99	1.22E-04	1.49E-04	1.31E-04	4.22E-08	1.27E-07	7.37E-08	9.03E-08	8.19E-08	3.74E-08	3.27E-08	1.41E-09	3.40E-08	7.51E-09	1.23E-08	1.95E-08	3.43E-09	1.72E-08	9.53E-08
2256	494811.06	3859901.99	1.21E-04	1.49E-04	1.30E-04	4.20E-08	1.27E-07	7.35E-08	9.00E-08	8.16E-08	3.72E-08	3.26E-08	1.40E-09	3.39E-08	7.48E-09	1.22E-08	1.94E-08	3.42E-09	1.71E-08	9.49E-08
2257	494861.06	3859901.99	1.21E-04	1.48E-04	1.30E-04	4.19E-08	1.26E-07	7.32E-08	8.96E-08	8.13E-08	3.71E-08	3.25E-08	1.40E-09	3.38E-08	7.45E-09	1.22E-08	1.93E-08	3.40E-09	1.71E-08	9.46E-08
2258	494911.06	3859901.99	1.20E-04	1.47E-04	1.29E-04	4.17E-08	1.26E-07	7.28E-08	8.92E-08	8.08E-08	3.69E-08	3.23E-08	1.39E-09	3.36E-08	7.41E-09	1.21E-08	1.92E-08	3.39E-09	1.70E-08	9.41E-08
2259	494961.06	3859901.99	1.20E-04	1.47E-04	1.29E-04	4.15E-08	1.25E-07	7.25E-08	8.88E-08	8.05E-08	3.67E-08	3.22E-08	1.39E-09	3.35E-08	7.38E-09	1.21E-08	1.91E-08	3.37E-09	1.69E-08	9.37E-08
2260	495011.06	3859901.99	1.19E-04	1.46E-04	1.28E-04	4.13E-08	1.25E-07	7.22E-08	8.84E-08	8.01E-08	3.66E-08	3.20E-08	1.38E-09	3.33E-08	7.35E-09	1.20E-08	1.90E-08	3.36E-09	1.68E-08	9.32E-08
2261	495061.06	3859901.99	1.19E-04	1.45E-04	1.27E-04	4.11E-08	1.24E-07	7.18E-08	8.80E-08	7.98E-08	3.64E-08	3.19E-08	1.37E-09	3.31E-08	7.31E-09	1.19E-08	1.90E-08	3.34E-09	1.67E-08	9.28E-08
2262	495111.06	3859901.99	1.18E-04	1.45E-04	1.27E-04	4.09E-08	1.23E-07	7.15E-08	8.75E-08	7.93E-08	3.62E-08	3.17E-08	1.37E-09	3.30E-08	7.28E-09	1.19E-08	1.89E-08	3.32E-09	1.67E-08	9.23E-08
2263	495161.06	3859901.99	1.17E-04	1.44E-04	1.26E-04	4.07E-08	1.23E-07	7.11E-08	8.71E-08	7.89E-08	3.60E-08	3.16E-08	1.36E-09	3.28E-08	7.24E-09	1.18E-08	1.88E-08	3.31E-09	1.66E-08	9.19E-08
2264	495211.06	3859901.99	1.17E-04	1.43E-04	1.25E-04	4.05E-08	1.22E-07	7.08E-08	8.67E-08	7.86E-08	3.59E-08	3.14E-08	1.35E-09	3.27E-08	7.21E-09	1.18E-08	1.87E-08	3.29E-09	1.65E-08	9.15E-08
2265	495261.06	3859901.99	1.16E-04	1.42E-04	1.25E-04	4.03E-08	1.22E-07	7.04E-08	8.63E-08	7.82E-08	3.57E-08	3.13E-08	1.35E-09	3.25E-08	7.17E-09	1.17E-08	1.86E-08	3.27E-09	1.64E-08	9.10E-08
2266	495311.06	3859901.99	1.16E-04	1.42E-04	1.24E-04	4.01E-08	1.21E-07	7.02E-08	8.59E-08	7.79E-08	3.55E-08	3.12E-08	1.34E-09	3.24E-08	7.14E-09	1.17E-08	1.85E-08	3.26E-09	1.63E-08	9.06E-08
2267	495361.06	3859901.99	1.15E-04	1.41E-04	1.24E-04	3.99E-08	1.21E-07	6.98E-08	8.55E-08	7.75E-08	3.54E-08	3.10E-08	1.33E-09	3.22E-08	7.11E-09	1.16E-08	1.84E-08	3.25E-09	1.63E-08	9.02E-08
2268	495411.06	3859901.99	1.15E-04	1.40E-04	1.23E-04	3.97E-08	1.20E-07	6.95E-08	8.51E-08	7.71E-08	3.52E-08	3.08E-08	1.33E-09	3.21E-08	7.07E-09	1.15E-08	1.83E-08	3.23E-09	1.62E-08	8.97E-08
2269	495461.06	3859901.99	1.14E-04	1.40E-04	1.22E-04	3.95E-08	1.19E-07	6.91E-08	8.47E-08	7.67E-08	3.50E-08	3.07E-08	1.32E-09	3.19E-08	7.04E-09	1.15E-08	1.82E-08	3.21E-09	1.61E-08	8.93E-08
2270	495511.06	3859901.99	1.14E-04	1.39E-04	1.22E-04	3.94E-08	1.19E-07	6.88E-08	8.43E-08	7.64E-08	3.49E-08	3.06E-08	1.31E-09	3.18E-08	7.01E-09	1.14E-08	1.82E-08	3.20E-09	1.60E-08	8.89E-08
2271	495561.06	3859901.99	1.13E-04	1.39E-04	1.21E-04	3.92E-08	1.18E-07	6.85E-08	8.40E-08	7.61E-08	3.47E-08	3.04E-08	1.31E-09	3.16E-08	6.98E-09	1.14E-08	1.81E-08	3.19E-09	1.60E-08	8.86E-08
2272	495611.06	3859901.99	1.13E-04	1.38E-04	1.21E-04	3.90E-08	1.18E-07	6.82E-08	8.35E-08	7.57E-08	3.45E-08	3.03E-08	1.30E-09	3.15E-08	6.94E-09	1.13E-08	1.80E-08	3.17E-09	1.59E-08	8.81E-08
2273	495661.06	3859901.99	1.12E-04	1.37E-04	1.20E-04	3.88E-08	1.17E-07	6.78E-08	8.30E-08	7.53E-08	3.43E-08	3.01E-08	1.30E-09	3.13E-08	6.90E-09	1.13E-08	1.79E-08	3.15E-09	1.58E-08	8.76E-08
2274	494311.06	3859951.99	1.25E-04	1.53E-04	1.34E-04	4.32E-08	1.31E-07	7.56E-08	9.26E-08	8.39E-08	3.83E-08	3.36E-08	1.44E-09	3.49E-08	7.70E-09	1.26E-08	1.99E-08	3.51E-09	1.76E-08	9.76E-08
2275	494361.06	3859951.99	1.24E-04	1.52E-04	1.33E-04	4.30E-08	1.30E-07	7.52E-08	9.21E-08	8.35E-08	3.81E-08	3.34E-08	1.44E-09	3.47E-08	7.66E-09	1.25E-08	1.98E-08	3.50E-09	1.75E-08	9.72E-08
2276	494411.06	3859951.99	1.24E-04	1.51E-04	1.33E-04	4.28E-08	1.29E-07	7.49E-08	9.17E-08	8.31E-08	3.79E-08	3.32E-08	1.43E-09	3.45E-08	7.62E-09	1.24E-08	1.97E-08	3.48E-09	1.74E-08	9.67E-08
2277	494461.06	3859951.99	1.23E-04	1.51E-04	1.32E-04	4.26E-08	1.29E-07	7.45E-08	9.13E-08	8.27E-08	3.78E-08	3.31E-08	1.42E-09	3.44E-08	7.59E-09	1.24E-08	1.97E-08	3.46E-09	1.74E-08	9.63E-08
2278	494511.06	3859951.99	1.23E-04	1.50E-04	1.32E-04	4.25E-08	1.28E-07	7.42E-08	9.09E-08	8.24E-08	3.76E-08	3.30E-08	1.42E-09	3.43E-08	7.56E-09	1.23E-08	1.96E-08	3.45E-09	1.73E-08	9.59E-08
2279	494561.06	3859951.99	1.22E-04	1.50E-04	1.31E-04	4.24E-08	1.28E-07	7.41E-08	9.07E-08	8.22E-08	3.75E-08	3.29E-08	1.41E-09	3.42E-08	7.54E-09	1.23E-08	1.95E-08	3.44E-09	1.73E-08	9.57E-08
2280	494611.06	3859951.99	1.22E-04	1.49E-04	1.30E-04	4.21E-08	1.27E-07	7.36E-08	9.02E-08	8.18E-08	3.73E-08	3.27E-08	1.41E-09	3.40E-08	7.50E-09	1.22E-08	1.94E-08	3.42E-09	1.72E-08	9.51E-08
2281	494661.06	3859951.99	1.21E-04	1.48E-04	1.30E-04	4.20E-08	1.27E-07	7.34E-08	8.99E-08	8.15E-08	3.72E-08	3.26E-08	1.40E-09	3.39E-08	7.47E-09	1.22E-08	1.94E-08	3.41E-09	1.71E-08	9.48E-08
2282	494711.06	3859951.99	1.20E-04	1.48E-04	1.29E-04	4.18E-08	1.26E-07	7.30E-08	8.94E-08	8.10E-08	3.70E-08	3.24E-08	1.39E-09	3.37E-08	7.43E-09	1.21E-08	1.93E-08	3.39E-09	1.70E-08	9.43E-08
2283	494761.06	3859951.99	1.20E-04	1.47E-04	1.29E-04	4.16E-08	1.26E-07	7.27E-08	8.90E-08	8.07E-08	3.68E-08	3.23E-08	1.39E-09	3.35E-08	7.40E-09	1.21E-08	1.92E-08	3.38E-09	1.69E-08	9.39E-08
2284	494811.06	3859951.99	1.20E-04	1.46E-04	1.28E-04	4.14E-08	1.25E-07	7.24E-08	8.87E-08	8.04E-08	3.67E-08	3.21E-08	1.38E-09	3.34E-08	7.37E-09	1.20E-08	1.91E-08	3.37E-09	1.69E-08	9.35E-08
2285	494861.06	3859951.99	1.19E-04	1.46E-04	1.28E-04	4.13E-08	1.25E-07	7.21E-08	8.83E-08	8.01E-08	3.65E-08	3.20E-08	1.38E-09	3.33E-08	7.34E-09	1.20E-08	1.90E-08	3.35E-09	1.68E-08	9.32E-08
2286	494911.06	3859951.99	1.19E-04	1.45E-04	1.27E-04	4.11E-08	1.24E-07	7.18E-08	8.79E-08	7.97E-08	3.64E-08	3.19E-08	1.37E-09	3.31E-08	7.31E-09	1.19E-08	1.89E-08	3.34E-09	1.67E-08	9.27E-08
2287	494961.06	3859951.99	1.18E-04	1.44E-04	1.27E-04	4.09E-08	1.23E-07	7.14E-08	8.75E-08	7.93E-08	3.62E-08	3.17E-08	1.36E-09	3.30E-08	7.27E-09	1.19E-08	1.88E-08	3.32E-09	1.66E-08	9.23E-08
2288	495011.06	3859951.99	1.17E-04	1.44E-04	1.26E-04	4.07E-08	1.23E-07	7.11E-08	8.71E-08	7.90E-08	3.60E-08	3.16E-08	1.36E-09	3.28E-08	7.24E-09	1.18E-08	1.88E-08	3.31E-09	1.66E-08	9.19E-08
2289	495061.06	3859951.99	1.17E-04	1.43E-04	1.25E-04	4.05E-08	1.22E-07	7.08E-08	8.67E-08	7.86E-08	3.59E-08	3.14E-08	1.35E-09	3.27E-08	7.21E-09	1.18E-08	1.87E-08	3.29E-09	1.65E-08	9.15E-08
2290	495111.06	3859951.99	1.16E-04	1.43E-04	1.25E-04	4.03E-08	1.22E-07	7.05E-08	8.63E-08	7.83E-08	3.57E-08	3.13E-08	1.35E-09	3.25E-08	7.18E-09	1.17E-08	1.86E-08	3.28E-09	1.64E-08	9.11E-08
2291	495161.06	3859951.99	1.16E-04	1.42E-04	1.24E-04	4.01E-08	1.21E-07	7.01E-08	8.59E-08	7.79E-08	3.55E-08	3.11E-08	1.34E-09	3.24E-08	7.14E-09	1.17E-08	1.85E-08	3.26E-09	1.63E-08	9.06E-08
2292	495211.06	3859951.99	1.15E-04	1.41E-04	1.24E-04	3.99E-08	1.21E-07	6.98E-08	8.55E-08	7.75E-08	3.54E-08	3.10E-08	1.33E-09	3.22E-08	7.11E-09	1.16E-08	1.84E-08	3.25E-09	1.63E-08	9.02E-08
2293	495261.06	3859951.99	1.15E-04	1.41E-04	1.23E-04	3.98E-08	1.20E-07	6.95E-08	8.51E-08	7.72E-08	3.52E-08	3.09E-08	1.33E-09	3.21E-08	7.08E-09	1.16E-08	1.83E-08	3.23E-09	1.62E-08	8.98E-08
2294	495311.06	3859951.99	1.14E-04	1.40E-04	1.23E-04	3.96E-08	1.20E-07	6.92E-08	8.48E-08	7.69E-08	3.51E-08	3.07E-08	1.32E-09	3.19E-08	7.05E-09	1.15E-08	1.83E-08	3.22E-09	1.61E-08	8.94E-08
2295	495361.06	3859951.99	1.14E-04	1.39E-04	1.22E-04	3.94E-08	1.19E-07	6.89E-08	8.44E-08	7.65E-08	3.49E-08	3.06E-08	1.32E-09	3.18E-08	7.02E-09	1.15E-08	1.82E-08	3.20E-09	1.61E-08	8.91E-08
2296	495411.06	3859951.99	1.13E-04	1.39E-04	1.22E-04	3.92E-08	1.19E-07	6.86E-08	8.40E-08	7.62E-08	3.48E-08	3.05E-08	1.31E-09	3.17E-08	6.99E-09	1.14E-08	1.81E-08	3.19E-09	1.60E-08	8.86E-08
2297	495461.06	3859951.99	1.13E-04	1.38E-04	1.21E-04	3.91E-08	1.18E-07	6.83E-08	8.36E-08	7.58E-08	3.46E-08	3.03E-08	1.30E-09	3.15E-08	6.95E-09	1.14E-08	1.80E-08	3.17E-09	1.59E-08	8.82E-08
2298	495511.06	3859951.99	1.12E-04	1.37E-04	1.20E-04	3.89E-08	1.17E-07	6.80E-08	8.32E-08	7.55E-08	3.44E-08	3.02E-08	1.30E-09	3.14E-08	6.92E-09	1.13E-08	1.79E-08	3.16E-09	1.58E-08	8.78E-08
2299	495561.06	3859951.99	1.12E-04	1.37E-04	1.20E-04	3.87E-08	1.17E-07	6.77E-08	8.30E-08	7.52E-08	3.43E-08	3.01E-08	1.29E-09	3.13E-08	6.90E-09	1.13E-08	1.79E-08	3.15E-09	1.58E-08	8.75E-08
2300	495611.06	3859951.99	1.11E-04	1.36E-04	1.19E-04	3.86E-08	1.16E-07	6.74E-08	8.25E-08	7.48E-08	3.41E-08	2.99E-08	1.29E-09	3.11E-08	6.86E-09	1.12E-08	1.78E-08	3.13E-09	1.57E-08	8.71E-08
2301	495661.06	3859951.99	1.11E-04	1.36E-04	1.19E-04	3.84E-08	1.16E-07	6.70E-08	8.21E-08	7.44E-08	3.40E-08	2.98E-08	1.28E-09	3.09E-08	6.83E-09	1.11E-08	1.77E-08	3.12E-09	1.56E-08	8.66E-08
2302	494311.06	3860001.99	1.23E-04	1.50E-04	1.32E-04	4.25E-08	1.28E-07	7.43E-08	9.11E-08	8.25E-08	3.77E-08	3.30E-08	1.42E-09	3.43E-08	7.57E-09	1.24E-08	1.96E-08	3.46E-09	1.73E-08	9.61E-08
2303	494361.06	3860001.99	1.22E-04	1.50E-04	1.31E-04	4.23E-08	1.28E-07	7.40E-08	9.07E-08	8.22E-08	3.75E-08	3.29E-08	1.41E-09	3.42E-08	7.54E-09	1.23E-08	1.95E-08	3.44E-09	1.72E-08	9.56E-08

2304	494411.06	3860001.99	1.22E-04	1.49E-04	1.31E-04	4.21E-08	1.27E-07	7.37E-08	9.02E-08	8.18E-08	3.73E-08	3.27E-08	1.41E-09	3.40E-08	7.50E-09	1.23E-08	1.94E-08	3.42E-09	1.72E-08	9.52E-08
2305	494461.06	3860001.99	1.21E-04	1.48E-04	1.30E-04	4.20E-08	1.27E-07	7.34E-08	8.99E-08	8.15E-08	3.72E-08	3.26E-08	1.40E-09	3.39E-08	7.47E-09	1.22E-08	1.94E-08	3.41E-09	1.71E-08	9.48E-08
2306	494511.06	3860001.99	1.21E-04	1.48E-04	1.29E-04	4.18E-08	1.26E-07	7.31E-08	8.95E-08	8.11E-08	3.70E-08	3.24E-08	1.40E-09	3.37E-08	7.44E-09	1.21E-08	1.93E-08	3.40E-09	1.70E-08	9.44E-08
2307	494561.06	3860001.99	1.20E-04	1.47E-04	1.29E-04	4.17E-08	1.26E-07	7.29E-08	8.93E-08	8.09E-08	3.69E-08	3.24E-08	1.39E-09	3.36E-08	7.42E-09	1.21E-08	1.92E-08	3.39E-09	1.70E-08	9.42E-08
2308	494611.06	3860001.99	1.20E-04	1.47E-04	1.29E-04	4.15E-08	1.25E-07	7.26E-08	8.89E-08	8.06E-08	3.68E-08	3.22E-08	1.39E-09	3.35E-08	7.39E-09	1.21E-08	1.91E-08	3.37E-09	1.69E-08	9.37E-08
2309	494661.06	3860001.99	1.19E-04	1.46E-04	1.28E-04	4.13E-08	1.25E-07	7.23E-08	8.85E-08	8.02E-08	3.66E-08	3.21E-08	1.38E-09	3.33E-08	7.36E-09	1.20E-08	1.91E-08	3.36E-09	1.68E-08	9.34E-08
2310	494711.06	3860001.99	1.19E-04	1.45E-04	1.27E-04	4.11E-08	1.24E-07	7.18E-08	8.80E-08	7.98E-08	3.64E-08	3.19E-08	1.37E-09	3.31E-08	7.31E-09	1.19E-08	1.89E-08	3.34E-09	1.67E-08	9.28E-08
2311	494761.06	3860001.99	1.18E-04	1.45E-04	1.27E-04	4.10E-08	1.24E-07	7.16E-08	8.77E-08	7.95E-08	3.63E-08	3.18E-08	1.37E-09	3.30E-08	7.29E-09	1.19E-08	1.89E-08	3.33E-09	1.67E-08	9.25E-08
2312	494811.06	3860001.99	1.18E-04	1.44E-04	1.26E-04	4.08E-08	1.23E-07	7.13E-08	8.74E-08	7.92E-08	3.61E-08	3.17E-08	1.36E-09	3.29E-08	7.26E-09	1.19E-08	1.88E-08	3.32E-09	1.66E-08	9.22E-08
2313	494861.06	3860001.99	1.17E-04	1.44E-04	1.26E-04	4.06E-08	1.23E-07	7.11E-08	8.70E-08	7.89E-08	3.60E-08	3.15E-08	1.36E-09	3.28E-08	7.24E-09	1.18E-08	1.87E-08	3.30E-09	1.66E-08	9.18E-08
2314	494911.06	3860001.99	1.17E-04	1.43E-04	1.25E-04	4.04E-08	1.22E-07	7.06E-08	8.65E-08	7.84E-08	3.58E-08	3.14E-08	1.35E-09	3.26E-08	7.19E-09	1.17E-08	1.86E-08	3.28E-09	1.65E-08	9.13E-08
2315	494961.06	3860001.99	1.16E-04	1.42E-04	1.25E-04	4.03E-08	1.22E-07	7.04E-08	8.62E-08	7.81E-08	3.56E-08	3.12E-08	1.34E-09	3.25E-08	7.16E-09	1.17E-08	1.86E-08	3.27E-09	1.64E-08	9.09E-08
2316	495011.06	3860001.99	1.16E-04	1.42E-04	1.24E-04	4.01E-08	1.21E-07	7.00E-08	8.58E-08	7.78E-08	3.55E-08	3.11E-08	1.34E-09	3.23E-08	7.13E-09	1.16E-08	1.85E-08	3.26E-09	1.63E-08	9.05E-08
2317	495061.06	3860001.99	1.15E-04	1.41E-04	1.24E-04	3.99E-08	1.21E-07	6.98E-08	8.55E-08	7.75E-08	3.53E-08	3.10E-08	1.33E-09	3.22E-08	7.11E-09	1.16E-08	1.84E-08	3.24E-09	1.63E-08	9.01E-08
2318	495111.06	3860001.99	1.15E-04	1.40E-04	1.23E-04	3.97E-08	1.20E-07	6.95E-08	8.51E-08	7.71E-08	3.52E-08	3.08E-08	1.33E-09	3.21E-08	7.07E-09	1.16E-08	1.83E-08	3.23E-09	1.62E-08	8.97E-08
2319	495161.06	3860001.99	1.14E-04	1.40E-04	1.23E-04	3.96E-08	1.19E-07	6.91E-08	8.47E-08	7.68E-08	3.50E-08	3.07E-08	1.32E-09	3.19E-08	7.04E-09	1.15E-08	1.82E-08	3.21E-09	1.61E-08	8.93E-08
2320	495211.06	3860001.99	1.14E-04	1.39E-04	1.22E-04	3.94E-08	1.19E-07	6.89E-08	8.44E-08	7.65E-08	3.49E-08	3.06E-08	1.32E-09	3.18E-08	7.01E-09	1.15E-08	1.82E-08	3.20E-09	1.61E-08	8.90E-08
2321	495261.06	3860001.99	1.13E-04	1.39E-04	1.22E-04	3.92E-08	1.18E-07	6.86E-08	8.40E-08	7.61E-08	3.47E-08	3.04E-08	1.31E-09	3.16E-08	6.98E-09	1.14E-08	1.81E-08	3.19E-09	1.60E-08	8.86E-08
2322	495311.06	3860001.99	1.13E-04	1.38E-04	1.21E-04	3.91E-08	1.18E-07	6.83E-08	8.36E-08	7.58E-08	3.46E-08	3.03E-08	1.30E-09	3.15E-08	6.95E-09	1.14E-08	1.80E-08	3.18E-09	1.59E-08	8.82E-08
2323	495361.06	3860001.99	1.12E-04	1.37E-04	1.20E-04	3.89E-08	1.17E-07	6.79E-08	8.32E-08	7.54E-08	3.44E-08	3.02E-08	1.30E-09	3.14E-08	6.92E-09	1.13E-08	1.79E-08	3.16E-09	1.58E-08	8.78E-08
2324	495411.06	3860001.99	1.12E-04	1.37E-04	1.20E-04	3.87E-08	1.17E-07	6.77E-08	8.29E-08	7.52E-08	3.43E-08	3.01E-08	1.29E-09	3.12E-08	6.89E-09	1.13E-08	1.79E-08	3.15E-09	1.58E-08	8.75E-08
2325	495461.06	3860001.99	1.11E-04	1.36E-04	1.19E-04	3.86E-08	1.16E-07	6.74E-08	8.26E-08	7.48E-08	3.41E-08	2.99E-08	1.29E-09	3.11E-08	6.86E-09	1.12E-08	1.78E-08	3.13E-09	1.57E-08	8.71E-08
2326	495511.06	3860001.99	1.11E-04	1.36E-04	1.19E-04	3.84E-08	1.16E-07	6.71E-08	8.22E-08	7.45E-08	3.40E-08	2.98E-08	1.28E-09	3.10E-08	6.83E-09	1.12E-08	1.77E-08	3.12E-09	1.56E-08	8.67E-08
2327	495561.06	3860001.99	1.10E-04	1.35E-04	1.18E-04	3.83E-08	1.16E-07	6.69E-08	8.19E-08	7.42E-08	3.39E-08	2.97E-08	1.28E-09	3.09E-08	6.81E-09	1.11E-08	1.76E-08	3.11E-09	1.56E-08	8.64E-08
2328	495611.06	3860001.99	1.10E-04	1.35E-04	1.18E-04	3.81E-08	1.15E-07	6.65E-08	8.15E-08	7.39E-08	3.37E-08	2.95E-08	1.27E-09	3.07E-08	6.78E-09	1.11E-08	1.76E-08	3.09E-09	1.55E-08	8.60E-08
2329	495661.06	3860001.99	1.09E-04	1.34E-04	1.17E-04	3.79E-08	1.14E-07	6.62E-08	8.11E-08	7.35E-08	3.36E-08	2.94E-08	1.27E-09	3.06E-08	6.74E-09	1.10E-08	1.75E-08	3.08E-09	1.54E-08	8.56E-08
2330	494411.06	3860051.99	1.20E-04	1.47E-04	1.28E-04	4.15E-08	1.25E-07	7.25E-08	8.88E-08	8.05E-08	3.67E-08	3.22E-08	1.38E-09	3.35E-08	7.38E-09	1.21E-08	1.91E-08	3.37E-09	1.69E-08	9.37E-08
2331	494461.06	3860051.99	1.19E-04	1.46E-04	1.28E-04	4.13E-08	1.25E-07	7.22E-08	8.84E-08	8.01E-08	3.66E-08	3.21E-08	1.38E-09	3.33E-08	7.35E-09	1.20E-08	1.90E-08	3.36E-09	1.68E-08	9.33E-08
2332	494511.06	3860051.99	1.19E-04	1.45E-04	1.27E-04	4.11E-08	1.24E-07	7.19E-08	8.81E-08	7.98E-08	3.64E-08	3.19E-08	1.37E-09	3.32E-08	7.32E-09	1.20E-08	1.90E-08	3.34E-09	1.68E-08	9.29E-08
2333	494561.06	3860051.99	1.18E-04	1.45E-04	1.27E-04	4.10E-08	1.24E-07	7.17E-08	8.78E-08	7.96E-08	3.63E-08	3.18E-08	1.37E-09	3.31E-08	7.30E-09	1.19E-08	1.89E-08	3.33E-09	1.67E-08	9.26E-08
2334	494611.06	3860051.99	1.18E-04	1.44E-04	1.26E-04	4.08E-08	1.23E-07	7.14E-08	8.74E-08	7.92E-08	3.62E-08	3.17E-08	1.36E-09	3.29E-08	7.27E-09	1.19E-08	1.88E-08	3.32E-09	1.66E-08	9.22E-08
2335	494661.06	3860051.99	1.17E-04	1.44E-04	1.26E-04	4.07E-08	1.23E-07	7.11E-08	8.71E-08	7.89E-08	3.60E-08	3.16E-08	1.36E-09	3.28E-08	7.24E-09	1.18E-08	1.88E-08	3.31E-09	1.66E-08	9.19E-08
2336	494711.06	3860051.99	1.17E-04	1.43E-04	1.25E-04	4.05E-08	1.22E-07	7.08E-08	8.67E-08	7.86E-08	3.59E-08	3.14E-08	1.35E-09	3.27E-08	7.21E-09	1.18E-08	1.87E-08	3.29E-09	1.65E-08	9.14E-08
2337	494761.06	3860051.99	1.16E-04	1.43E-04	1.25E-04	4.03E-08	1.22E-07	7.05E-08	8.63E-08	7.83E-08	3.57E-08	3.13E-08	1.35E-09	3.25E-08	7.18E-09	1.17E-08	1.86E-08	3.28E-09	1.64E-08	9.11E-08
2338	494811.06	3860051.99	1.16E-04	1.42E-04	1.24E-04	4.02E-08	1.21E-07	7.02E-08	8.60E-08	7.80E-08	3.56E-08	3.12E-08	1.34E-09	3.24E-08	7.15E-09	1.17E-08	1.85E-08	3.27E-09	1.64E-08	9.08E-08
2339	494861.06	3860051.99	1.16E-04	1.41E-04	1.24E-04	4.00E-08	1.21E-07	7.00E-08	8.57E-08	7.77E-08	3.54E-08	3.11E-08	1.34E-09	3.23E-08	7.12E-09	1.16E-08	1.85E-08	3.25E-09	1.63E-08	9.04E-08
2340	494911.06	3860051.99	1.15E-04	1.41E-04	1.23E-04	3.99E-08	1.20E-07	6.97E-08	8.53E-08	7.73E-08	3.53E-08	3.09E-08	1.33E-09	3.21E-08	7.09E-09	1.16E-08	1.84E-08	3.24E-09	1.62E-08	9.00E-08
2341	494961.06	3860051.99	1.14E-04	1.40E-04	1.23E-04	3.97E-08	1.20E-07	6.94E-08	8.49E-08	7.70E-08	3.51E-08	3.08E-08	1.32E-09	3.20E-08	7.06E-09	1.15E-08	1.83E-08	3.22E-09	1.62E-08	8.96E-08
2342	495011.06	3860051.99	1.14E-04	1.40E-04	1.22E-04	3.95E-08	1.19E-07	6.90E-08	8.46E-08	7.67E-08	3.50E-08	3.07E-08	1.32E-09	3.19E-08	7.03E-09	1.15E-08	1.82E-08	3.21E-09	1.61E-08	8.92E-08
2343	495061.06	3860051.99	1.13E-04	1.39E-04	1.22E-04	3.93E-08	1.19E-07	6.87E-08	8.42E-08	7.63E-08	3.48E-08	3.05E-08	1.31E-09	3.17E-08	7.00E-09	1.14E-08	1.81E-08	3.20E-09	1.60E-08	8.88E-08
2344	495111.06	3860051.99	1.13E-04	1.38E-04	1.21E-04	3.92E-08	1.18E-07	6.84E-08	8.38E-08	7.60E-08	3.47E-08	3.04E-08	1.31E-09	3.16E-08	6.97E-09	1.14E-08	1.81E-08	3.18E-09	1.59E-08	8.84E-08
2345	495161.06	3860051.99	1.13E-04	1.38E-04	1.21E-04	3.90E-08	1.18E-07	6.81E-08	8.35E-08	7.57E-08	3.45E-08	3.03E-08	1.30E-09	3.14E-08	6.94E-09	1.13E-08	1.80E-08	3.17E-09	1.59E-08	8.80E-08
2346	495211.06	3860051.99	1.12E-04	1.37E-04	1.20E-04	3.88E-08	1.17E-07	6.78E-08	8.31E-08	7.53E-08	3.44E-08	3.01E-08	1.30E-09	3.13E-08	6.91E-09	1.13E-08	1.79E-08	3.15E-09	1.58E-08	8.76E-08
2347	495261.06	3860051.99	1.12E-04	1.37E-04	1.20E-04	3.87E-08	1.17E-07	6.76E-08	8.27E-08	7.50E-08	3.42E-08	3.00E-08	1.29E-09	3.12E-08	6.88E-09	1.12E-08	1.78E-08	3.14E-09	1.57E-08	8.73E-08
2348	495311.06	3860051.99	1.11E-04	1.36E-04	1.19E-04	3.85E-08	1.16E-07	6.73E-08	8.24E-08	7.47E-08	3.41E-08	2.99E-08	1.29E-09	3.11E-08	6.85E-09	1.12E-08	1.78E-08	3.13E-09	1.57E-08	8.70E-08
2349	495361.06	3860051.99	1.11E-04	1.36E-04	1.19E-04	3.84E-08	1.16E-07	6.70E-08	8.21E-08	7.44E-08	3.40E-08	2.98E-08	1.28E-09	3.09E-08	6.83E-09	1.11E-08	1.77E-08	3.12E-09	1.56E-08	8.66E-08
2350	495411.06	3860051.99	1.10E-04	1.35E-04	1.18E-04	3.82E-08	1.15E-07	6.68E-08	8.18E-08	7.41E-08	3.38E-08	2.96E-08	1.28E-09	3.08E-08	6.80E-09	1.11E-08	1.76E-08	3.10E-09	1.56E-08	8.63E-08
2351	495461.06	3860051.99	1.10E-04	1.34E-04	1.18E-04	3.80E-08	1.15E-07	6.65E-08	8.14E-08	7.38E-08	3.37E-08	2.95E-08	1.27E-09	3.07E-08	6.77E-09	1.11E-08	1.75E-08	3.09E-09	1.55E-08	8.59E-08
2352	495511.06	3860051.99	1.09E-04	1.34E-04	1.17E-04	3.79E-08	1.14E-07	6.62E-08	8.11E-08	7.35E-08	3.35E-08	2.94E-08	1.26E-09	3.06E-08	6.74E-09	1.10E-08	1.75E-08	3.08E-09	1.54E-08	8.55E-08
2353	495561.06	3860051.99	1.09E-04	1.33E-04	1.17E-04	3.77E-08	1.14E-07	6.59E-08	8.08E-08	7.32E-08	3.34E-08	2.93E-08	1.26E-09	3.04E-08	6.71E-09	1.10E-08	1.74E-08	3.07E-09	1.54E-08	8.52E-08
2354	495611.06	3860051.99	1.08E-04	1.33E-04	1.16E-04	3.76E-08	1.13E-07	6.57E-08	8.04E-08	7.29E-08	3.33E-08	2.92E-08	1.25E-09	3.03E-08	6.69E-09	1.09E-08	1.73E-08	3.05E-09	1.53E-08	8.48E-08
2355	495661.06	3860051.99	1.08E-04	1.32E-04	1.16E-04	3.74E-08	1.13E-07	6.54E-08	8.01E-08	7.26E-08	3.31E-08	2.90E-08	1.25E-09	3.02E-08	6.66E-09	1.09E-08	1.72E-08	3.04E-09	1.52E-08	8.44E-08
2356	494411.06	3860101.99	1.18E-04	1.44E-04	1.26E-04	4.08E-08	1.23E-07	7.12E-08	8.72E-08	7.91E-08	3.61E-08	3.16E-08	1.36E-09	3.29E-08	7.25E-09	1.18E-08	1.88E-08	3.31E-09	1.66E-08	9.20E-08
2357	494461.06	3860101.99	1.17E-04	1.44E-04	1.26E-04	4.06E-08	1.23E-07	7.10E-08	8.69E-08	7.88E-08	3.60E-08	3.15E-08	1.36E-09	3.28E-08	7.23E-09	1.18E-08	1.87E-08	3.30E-09	1.65E-08	9.17E-08
2358	494511.06	3860101.99	1.17E-04	1.43E-04	1.25E-04	4.04E-08	1.22E-07	7.07E-08	8.66E-08	7.85E-08	3.58E-08	3.14E-08	1.35E-09	3.26E-08	7.20E-09	1.18E-08	1.86E-08	3.29E-09	1.65E-08	9.13E-08

2359	494561.06	3860101.99	1.16E-04	1.42E-04	1.25E-04	4.03E-08	1.22E-07	7.04E-08	8.63E-08	7.82E-08	3.57E-08	3.13E-08	1.35E-09	3.25E-08	7.17E-09	1.17E-08	1.86E-08	3.27E-09	1.64E-08	9.10E-08
2360	494611.06	3860101.99	1.16E-04	1.42E-04	1.24E-04	4.02E-08	1.21E-07	7.02E-08	8.60E-08	7.79E-08	3.56E-08	3.12E-08	1.34E-09	3.24E-08	7.15E-09	1.17E-08	1.85E-08	3.26E-09	1.64E-08	9.07E-08
2361	494661.06	3860101.99	1.15E-04	1.41E-04	1.24E-04	4.00E-08	1.21E-07	6.99E-08	8.56E-08	7.76E-08	3.54E-08	3.10E-08	1.34E-09	3.23E-08	7.12E-09	1.16E-08	1.84E-08	3.25E-09	1.63E-08	9.03E-08
2362	494711.06	3860101.99	1.15E-04	1.41E-04	1.23E-04	3.98E-08	1.20E-07	6.96E-08	8.53E-08	7.73E-08	3.53E-08	3.09E-08	1.33E-09	3.21E-08	7.09E-09	1.16E-08	1.84E-08	3.24E-09	1.62E-08	9.00E-08
2363	494761.06	3860101.99	1.14E-04	1.40E-04	1.23E-04	3.97E-08	1.20E-07	6.94E-08	8.49E-08	7.70E-08	3.51E-08	3.08E-08	1.32E-09	3.20E-08	7.06E-09	1.15E-08	1.83E-08	3.22E-09	1.62E-08	8.96E-08
2364	494811.06	3860101.99	1.14E-04	1.40E-04	1.22E-04	3.95E-08	1.19E-07	6.91E-08	8.46E-08	7.67E-08	3.50E-08	3.07E-08	1.32E-09	3.19E-08	7.04E-09	1.15E-08	1.82E-08	3.21E-09	1.61E-08	8.93E-08
2365	494861.06	3860101.99	1.14E-04	1.39E-04	1.22E-04	3.94E-08	1.19E-07	6.88E-08	8.43E-08	7.64E-08	3.49E-08	3.05E-08	1.31E-09	3.17E-08	7.01E-09	1.14E-08	1.81E-08	3.20E-09	1.60E-08	8.89E-08
2366	494911.06	3860101.99	1.13E-04	1.39E-04	1.21E-04	3.92E-08	1.18E-07	6.85E-08	8.39E-08	7.61E-08	3.47E-08	3.04E-08	1.31E-09	3.16E-08	6.98E-09	1.14E-08	1.81E-08	3.19E-09	1.60E-08	8.85E-08
2367	494961.06	3860101.99	1.13E-04	1.38E-04	1.21E-04	3.91E-08	1.18E-07	6.83E-08	8.36E-08	7.58E-08	3.46E-08	3.03E-08	1.30E-09	3.15E-08	6.95E-09	1.14E-08	1.80E-08	3.17E-09	1.59E-08	8.82E-08
2368	495011.06	3860101.99	1.12E-04	1.37E-04	1.20E-04	3.89E-08	1.17E-07	6.80E-08	8.33E-08	7.55E-08	3.44E-08	3.02E-08	1.30E-09	3.14E-08	6.92E-09	1.13E-08	1.79E-08	3.16E-09	1.58E-08	8.78E-08
2369	495061.06	3860101.99	1.12E-04	1.37E-04	1.20E-04	3.87E-08	1.17E-07	6.77E-08	8.29E-08	7.52E-08	3.43E-08	3.01E-08	1.29E-09	3.12E-08	6.89E-09	1.13E-08	1.79E-08	3.15E-09	1.58E-08	8.75E-08
2370	495111.06	3860101.99	1.11E-04	1.36E-04	1.19E-04	3.86E-08	1.16E-07	6.74E-08	8.25E-08	7.48E-08	3.41E-08	2.99E-08	1.29E-09	3.11E-08	6.86E-09	1.12E-08	1.78E-08	3.13E-09	1.57E-08	8.71E-08
2371	495161.06	3860101.99	1.11E-04	1.36E-04	1.19E-04	3.84E-08	1.16E-07	6.71E-08	8.22E-08	7.45E-08	3.40E-08	2.98E-08	1.28E-09	3.10E-08	6.84E-09	1.12E-08	1.77E-08	3.12E-09	1.56E-08	8.67E-08
2372	495211.06	3860101.99	1.10E-04	1.35E-04	1.18E-04	3.82E-08	1.15E-07	6.69E-08	8.19E-08	7.42E-08	3.39E-08	2.97E-08	1.28E-09	3.09E-08	6.81E-09	1.11E-08	1.76E-08	3.11E-09	1.56E-08	8.64E-08
2373	495261.06	3860101.99	1.10E-04	1.35E-04	1.18E-04	3.81E-08	1.15E-07	6.66E-08	8.15E-08	7.39E-08	3.37E-08	2.96E-08	1.27E-09	3.07E-08	6.78E-09	1.11E-08	1.76E-08	3.10E-09	1.55E-08	8.60E-08
2374	495311.06	3860101.99	1.09E-04	1.34E-04	1.18E-04	3.79E-08	1.15E-07	6.63E-08	8.12E-08	7.36E-08	3.36E-08	2.94E-08	1.27E-09	3.06E-08	6.75E-09	1.10E-08	1.75E-08	3.08E-09	1.55E-08	8.57E-08
2375	495361.06	3860101.99	1.09E-04	1.34E-04	1.17E-04	3.78E-08	1.14E-07	6.61E-08	8.09E-08	7.34E-08	3.35E-08	2.93E-08	1.26E-09	3.05E-08	6.73E-09	1.10E-08	1.74E-08	3.07E-09	1.54E-08	8.54E-08
2376	495411.06	3860101.99	1.09E-04	1.33E-04	1.17E-04	3.76E-08	1.14E-07	6.58E-08	8.06E-08	7.30E-08	3.33E-08	2.92E-08	1.26E-09	3.04E-08	6.70E-09	1.09E-08	1.74E-08	3.06E-09	1.53E-08	8.50E-08
2377	495461.06	3860101.99	1.08E-04	1.32E-04	1.16E-04	3.75E-08	1.13E-07	6.55E-08	8.02E-08	7.27E-08	3.32E-08	2.91E-08	1.25E-09	3.02E-08	6.67E-09	1.09E-08	1.73E-08	3.04E-09	1.53E-08	8.46E-08
2378	495511.06	3860101.99	1.08E-04	1.32E-04	1.16E-04	3.73E-08	1.13E-07	6.52E-08	7.99E-08	7.24E-08	3.31E-08	2.90E-08	1.25E-09	3.01E-08	6.64E-09	1.08E-08	1.72E-08	3.03E-09	1.52E-08	8.43E-08
2379	495561.06	3860101.99	1.07E-04	1.31E-04	1.15E-04	3.72E-08	1.12E-07	6.50E-08	7.96E-08	7.22E-08	3.29E-08	2.89E-08	1.24E-09	3.00E-08	6.62E-09	1.08E-08	1.71E-08	3.02E-09	1.51E-08	8.40E-08
2380	495611.06	3860101.99	1.07E-04	1.31E-04	1.15E-04	3.70E-08	1.12E-07	6.47E-08	7.93E-08	7.19E-08	3.28E-08	2.87E-08	1.24E-09	2.99E-08	6.59E-09	1.08E-08	1.71E-08	3.01E-09	1.51E-08	8.36E-08
2381	495661.06	3860101.99	1.06E-04	1.30E-04	1.14E-04	3.69E-08	1.11E-07	6.45E-08	7.89E-08	7.16E-08	3.27E-08	2.86E-08	1.23E-09	2.97E-08	6.56E-09	1.07E-08	1.70E-08	3.00E-09	1.50E-08	8.33E-08
2382	494861.06	3860151.99	1.12E-04	1.37E-04	1.20E-04	3.87E-08	1.17E-07	6.76E-08	8.28E-08	7.51E-08	3.43E-08	3.00E-08	1.29E-09	3.12E-08	6.89E-09	1.12E-08	1.78E-08	3.14E-09	1.58E-08	8.74E-08
2383	494911.06	3860151.99	1.11E-04	1.36E-04	1.19E-04	3.86E-08	1.16E-07	6.74E-08	8.26E-08	7.48E-08	3.41E-08	2.99E-08	1.29E-09	3.11E-08	6.86E-09	1.12E-08	1.78E-08	3.13E-09	1.57E-08	8.71E-08
2384	494961.06	3860151.99	1.11E-04	1.36E-04	1.19E-04	3.84E-08	1.16E-07	6.72E-08	8.22E-08	7.46E-08	3.40E-08	2.98E-08	1.28E-09	3.10E-08	6.84E-09	1.12E-08	1.77E-08	3.12E-09	1.56E-08	8.68E-08
2385	495011.06	3860151.99	1.10E-04	1.35E-04	1.19E-04	3.83E-08	1.16E-07	6.69E-08	8.19E-08	7.43E-08	3.39E-08	2.97E-08	1.28E-09	3.09E-08	6.81E-09	1.11E-08	1.76E-08	3.11E-09	1.56E-08	8.64E-08
2386	495061.06	3860151.99	1.10E-04	1.35E-04	1.18E-04	3.81E-08	1.15E-07	6.66E-08	8.16E-08	7.40E-08	3.38E-08	2.96E-08	1.27E-09	3.07E-08	6.78E-09	1.11E-08	1.76E-08	3.10E-09	1.55E-08	8.61E-08
2387	495111.06	3860151.99	1.10E-04	1.34E-04	1.18E-04	3.80E-08	1.15E-07	6.64E-08	8.13E-08	7.37E-08	3.36E-08	2.95E-08	1.27E-09	3.06E-08	6.76E-09	1.10E-08	1.75E-08	3.09E-09	1.55E-08	8.57E-08
2388	495161.06	3860151.99	1.09E-04	1.34E-04	1.17E-04	3.78E-08	1.14E-07	6.61E-08	8.10E-08	7.34E-08	3.35E-08	2.94E-08	1.26E-09	3.05E-08	6.73E-09	1.10E-08	1.74E-08	3.07E-09	1.54E-08	8.54E-08
2389	495211.06	3860151.99	1.09E-04	1.33E-04	1.17E-04	3.77E-08	1.14E-07	6.58E-08	8.06E-08	7.31E-08	3.34E-08	2.92E-08	1.26E-09	3.04E-08	6.70E-09	1.09E-08	1.74E-08	3.06E-09	1.53E-08	8.51E-08
2390	495261.06	3860151.99	1.08E-04	1.33E-04	1.16E-04	3.75E-08	1.13E-07	6.56E-08	8.03E-08	7.28E-08	3.32E-08	2.91E-08	1.25E-09	3.03E-08	6.68E-09	1.09E-08	1.73E-08	3.05E-09	1.53E-08	8.47E-08
2391	495311.06	3860151.99	1.08E-04	1.32E-04	1.16E-04	3.74E-08	1.13E-07	6.53E-08	8.00E-08	7.25E-08	3.31E-08	2.90E-08	1.25E-09	3.01E-08	6.65E-09	1.09E-08	1.72E-08	3.04E-09	1.52E-08	8.44E-08
2392	495361.06	3860151.99	1.07E-04	1.32E-04	1.15E-04	3.72E-08	1.12E-07	6.51E-08	7.97E-08	7.23E-08	3.30E-08	2.89E-08	1.24E-09	3.00E-08	6.63E-09	1.08E-08	1.72E-08	3.03E-09	1.52E-08	8.41E-08
2393	495411.06	3860151.99	1.07E-04	1.31E-04	1.15E-04	3.71E-08	1.12E-07	6.48E-08	7.94E-08	7.20E-08	3.28E-08	2.88E-08	1.24E-09	2.99E-08	6.60E-09	1.08E-08	1.71E-08	3.01E-09	1.51E-08	8.37E-08
2394	495461.06	3860151.99	1.07E-04	1.31E-04	1.14E-04	3.69E-08	1.12E-07	6.46E-08	7.91E-08	7.17E-08	3.27E-08	2.87E-08	1.23E-09	2.98E-08	6.57E-09	1.07E-08	1.70E-08	3.00E-09	1.50E-08	8.34E-08
2395	495511.06	3860151.99	1.06E-04	1.30E-04	1.14E-04	3.68E-08	1.11E-07	6.43E-08	7.88E-08	7.14E-08	3.26E-08	2.86E-08	1.23E-09	2.97E-08	6.55E-09	1.07E-08	1.70E-08	2.99E-09	1.50E-08	8.31E-08
2396	495561.06	3860151.99	1.06E-04	1.30E-04	1.14E-04	3.66E-08	1.11E-07	6.41E-08	7.85E-08	7.11E-08	3.25E-08	2.84E-08	1.22E-09	2.96E-08	6.52E-09	1.07E-08	1.69E-08	2.98E-09	1.49E-08	8.28E-08
2397	495611.06	3860151.99	1.05E-04	1.29E-04	1.13E-04	3.65E-08	1.10E-07	6.38E-08	7.81E-08	7.08E-08	3.23E-08	2.83E-08	1.22E-09	2.94E-08	6.50E-09	1.06E-08	1.68E-08	2.97E-09	1.49E-08	8.24E-08
2398	495661.06	3860151.99	1.05E-04	1.28E-04	1.13E-04	3.63E-08	1.10E-07	6.35E-08	7.78E-08	7.05E-08	3.22E-08	2.82E-08	1.21E-09	2.93E-08	6.47E-09	1.06E-08	1.68E-08	2.95E-09	1.48E-08	8.21E-08
2399	495718.25	3859442.96	1.16E-04	1.42E-04	1.25E-04	4.02E-08	1.21E-07	7.03E-08	8.61E-08	7.81E-08	3.56E-08	3.12E-08	1.34E-09	3.25E-08	7.16E-09	1.17E-08	1.86E-08	3.27E-09	1.64E-08	9.09E-08
2400	495818.25	3859442.96	1.14E-04	1.40E-04	1.23E-04	3.96E-08	1.19E-07	6.92E-08	8.47E-08	7.68E-08	3.50E-08	3.07E-08	1.32E-09	3.19E-08	7.04E-09	1.15E-08	1.82E-08	3.22E-09	1.61E-08	8.94E-08
2401	495918.25	3859442.96	1.13E-04	1.38E-04	1.21E-04	3.91E-08	1.18E-07	6.83E-08	8.37E-08	7.59E-08	3.46E-08	3.03E-08	1.31E-09	3.15E-08	6.96E-09	1.14E-08	1.80E-08	3.18E-09	1.59E-08	8.83E-08
2402	496018.25	3859442.96	1.12E-04	1.37E-04	1.20E-04	3.87E-08	1.17E-07	6.76E-08	8.28E-08	7.51E-08	3.42E-08	3.00E-08	1.29E-09	3.12E-08	6.88E-09	1.12E-08	1.78E-08	3.14E-09	1.57E-08	8.73E-08
2403	496118.25	3859442.96	1.12E-04	1.37E-04	1.20E-04	3.88E-08	1.17E-07	6.78E-08	8.31E-08	7.53E-08	3.44E-08	3.01E-08	1.30E-09	3.13E-08	6.91E-09	1.13E-08	1.79E-08	3.15E-09	1.58E-08	8.77E-08
2404	496218.25	3859442.96	1.12E-04	1.37E-04	1.20E-04	3.89E-08	1.17E-07	6.79E-08	8.32E-08	7.54E-08	3.44E-08	3.01E-08	1.30E-09	3.13E-08	6.92E-09	1.13E-08	1.79E-08	3.16E-09	1.58E-08	8.77E-08
2405	496318.25	3859442.96	1.11E-04	1.36E-04	1.19E-04	3.85E-08	1.16E-07	6.73E-08	8.24E-08	7.47E-08	3.41E-08	2.99E-08	1.29E-09	3.11E-08	6.85E-09	1.12E-08	1.78E-08	3.13E-09	1.57E-08	8.69E-08
2406	496418.25	3859442.96	1.10E-04	1.35E-04	1.18E-04	3.81E-08	1.15E-07	6.66E-08	8.16E-08	7.40E-08	3.37E-08	2.96E-08	1.27E-09	3.07E-08	6.78E-09	1.11E-08	1.76E-08	3.10E-09	1.55E-08	8.61E-08
2407	495718.25	3859542.96	1.16E-04	1.42E-04	1.25E-04	4.03E-08	1.22E-07	7.04E-08	8.62E-08	7.82E-08	3.57E-08	3.13E-08	1.35E-09	3.25E-08	7.17E-09	1.17E-08	1.86E-08	3.27E-09	1.64E-08	9.10E-08
2408	495818.25	3859542.96	1.15E-04	1.41E-04	1.23E-04	3.98E-08	1.20E-07	6.96E-08	8.52E-08	7.73E-08	3.53E-08	3.09E-08	1.33E-09	3.21E-08	7.09E-09	1.16E-08	1.84E-08	3.24E-09	1.62E-08	8.99E-08
2409	495918.25	3859542.96	1.13E-04	1.39E-04	1.22E-04	3.93E-08	1.19E-07	6.86E-08	8.40E-08	7.62E-08	3.48E-08	3.05E-08	1.31E-09	3.17E-08	6.99E-09	1.14E-08	1.81E-08	3.19E-09	1.60E-08	8.86E-08
2410	496018.25	3859542.96	1.12E-04	1.37E-04	1.20E-04	3.88E-08	1.17E-07	6.78E-08	8.30E-08	7.52E-08	3.43E-08	3.01E-08	1.29E-09	3.13E-08	6.90E-09	1.13E-08	1.79E-08	3.15E-09	1.58E-08	8.76E-08
2411	496118.25	3859542.96	1.12E-04	1.37E-04	1.20E-04	3.88E-08	1.17E-07	6.79E-08	8.31E-08	7.54E-08	3.44E-08	3.01E-08	1.30E-09	3.13E-08	6.91E-09	1.13E-08	1.79E-08	3.16E-09	1.58E-08	8.77E-08
2412	496218.25	3859542.96	1.12E-04	1.37E-04	1.20E-04	3.87E-08	1.17E-07	6.77E-08	8.29E-08	7.52E-08	3.43E-08	3.01E-08	1.29E-09	3.12E-08	6.90E-09	1.13E-08	1.79E-08	3.15E-09	1.58E-08	8.75E-08
2413	496318.25	3859542.96	1.11E-04	1.36E-04	1.19E-04	3.86E-08	1.16E-07	6.74E-08	8.25E-08	7.48E-08	3.41E-08	2.99E-08	1.29E-09	3.11E-08	6.86E-09	1.12E-08	1.78E-08	3.13E-09	1.57E-08	8.71E-08

2414	496418.25	3859542.96	1.10E-04	1.35E-04	1.18E-04	3.81E-08	1.15E-07	6.65E-08	8.15E-08	7.39E-08	3.37E-08	2.95E-08	1.27E-09	3.07E-08	6.78E-09	1.11E-08	1.76E-08	3.09E-09	1.55E-08	8.60E-08
2415	495718.25	3859642.96	1.15E-04	1.41E-04	1.24E-04	4.00E-08	1.21E-07	6.99E-08	8.56E-08	7.76E-08	3.54E-08	3.10E-08	1.34E-09	3.23E-08	7.12E-09	1.16E-08	1.84E-08	3.25E-09	1.63E-08	9.03E-08
2416	495818.25	3859642.96	1.14E-04	1.40E-04	1.22E-04	3.95E-08	1.19E-07	6.90E-08	8.45E-08	7.66E-08	3.50E-08	3.06E-08	1.32E-09	3.19E-08	7.03E-09	1.15E-08	1.82E-08	3.21E-09	1.61E-08	8.92E-08
2417	495918.25	3859642.96	1.13E-04	1.38E-04	1.21E-04	3.91E-08	1.18E-07	6.84E-08	8.38E-08	7.59E-08	3.47E-08	3.04E-08	1.31E-09	3.16E-08	6.97E-09	1.14E-08	1.80E-08	3.18E-09	1.59E-08	8.84E-08
2418	496018.25	3859642.96	1.12E-04	1.37E-04	1.20E-04	3.87E-08	1.17E-07	6.76E-08	8.28E-08	7.51E-08	3.43E-08	3.00E-08	1.29E-09	3.12E-08	6.88E-09	1.12E-08	1.78E-08	3.14E-09	1.58E-08	8.74E-08
2419	496118.25	3859642.96	1.12E-04	1.37E-04	1.20E-04	3.88E-08	1.17E-07	6.77E-08	8.30E-08	7.52E-08	3.43E-08	3.01E-08	1.29E-09	3.13E-08	6.90E-09	1.13E-08	1.79E-08	3.15E-09	1.58E-08	8.75E-08
2420	496218.25	3859642.96	1.12E-04	1.37E-04	1.20E-04	3.87E-08	1.17E-07	6.76E-08	8.28E-08	7.51E-08	3.42E-08	3.00E-08	1.29E-09	3.12E-08	6.88E-09	1.12E-08	1.78E-08	3.14E-09	1.57E-08	8.73E-08
2421	496318.25	3859642.96	1.10E-04	1.35E-04	1.19E-04	3.83E-08	1.16E-07	6.69E-08	8.20E-08	7.43E-08	3.39E-08	2.97E-08	1.28E-09	3.09E-08	6.82E-09	1.11E-08	1.77E-08	3.11E-09	1.56E-08	8.65E-08
2422	496418.25	3859642.96	1.07E-04	1.31E-04	1.15E-04	3.72E-08	1.12E-07	6.50E-08	7.96E-08	7.21E-08	3.29E-08	2.88E-08	1.24E-09	3.00E-08	6.62E-09	1.08E-08	1.71E-08	3.02E-09	1.51E-08	8.39E-08
2423	495718.25	3859742.96	1.15E-04	1.40E-04	1.23E-04	3.97E-08	1.20E-07	6.94E-08	8.50E-08	7.70E-08	3.51E-08	3.08E-08	1.33E-09	3.20E-08	7.06E-09	1.15E-08	1.83E-08	3.22E-09	1.62E-08	8.96E-08
2424	495818.25	3859742.96	1.13E-04	1.38E-04	1.21E-04	3.92E-08	1.18E-07	6.85E-08	8.39E-08	7.60E-08	3.47E-08	3.04E-08	1.31E-09	3.16E-08	6.97E-09	1.14E-08	1.81E-08	3.18E-09	1.60E-08	8.85E-08
2425	495918.25	3859742.96	1.12E-04	1.37E-04	1.20E-04	3.88E-08	1.17E-07	6.78E-08	8.30E-08	7.52E-08	3.43E-08	3.01E-08	1.29E-09	3.13E-08	6.90E-09	1.13E-08	1.79E-08	3.15E-09	1.58E-08	8.75E-08
2426	496018.25	3859742.96	1.11E-04	1.35E-04	1.19E-04	3.83E-08	1.16E-07	6.70E-08	8.21E-08	7.44E-08	3.39E-08	2.97E-08	1.28E-09	3.09E-08	6.82E-09	1.11E-08	1.77E-08	3.11E-09	1.56E-08	8.66E-08
2427	496118.25	3859742.96	1.10E-04	1.35E-04	1.19E-04	3.83E-08	1.16E-07	6.69E-08	8.20E-08	7.43E-08	3.39E-08	2.97E-08	1.28E-09	3.09E-08	6.81E-09	1.11E-08	1.77E-08	3.11E-09	1.56E-08	8.65E-08
2428	496218.25	3859742.96	1.11E-04	1.35E-04	1.19E-04	3.83E-08	1.16E-07	6.69E-08	8.20E-08	7.43E-08	3.39E-08	2.97E-08	1.28E-09	3.09E-08	6.82E-09	1.11E-08	1.77E-08	3.11E-09	1.56E-08	8.65E-08
2429	496318.25	3859742.96	1.08E-04	1.32E-04	1.16E-04	3.75E-08	1.13E-07	6.55E-08	8.02E-08	7.27E-08	3.32E-08	2.91E-08	1.25E-09	3.02E-08	6.67E-09	1.09E-08	1.73E-08	3.05E-09	1.53E-08	8.46E-08
2430	496418.25	3859742.96	1.06E-04	1.30E-04	1.14E-04	3.67E-08	1.11E-07	6.41E-08	7.85E-08	7.12E-08	3.25E-08	2.85E-08	1.22E-09	2.96E-08	6.53E-09	1.07E-08	1.69E-08	2.98E-09	1.49E-08	8.28E-08
2431	495718.25	3859842.96	1.13E-04	1.38E-04	1.21E-04	3.91E-08	1.18E-07	6.83E-08	8.36E-08	7.58E-08	3.46E-08	3.03E-08	1.30E-09	3.15E-08	6.95E-09	1.14E-08	1.80E-08	3.17E-09	1.59E-08	8.82E-08
2432	495818.25	3859842.96	1.12E-04	1.37E-04	1.20E-04	3.87E-08	1.17E-07	6.76E-08	8.28E-08	7.51E-08	3.42E-08	3.00E-08	1.29E-09	3.12E-08	6.88E-09	1.12E-08	1.78E-08	3.14E-09	1.58E-08	8.73E-08
2433	495918.25	3859842.96	1.10E-04	1.35E-04	1.19E-04	3.83E-08	1.16E-07	6.69E-08	8.20E-08	7.43E-08	3.39E-08	2.97E-08	1.28E-09	3.09E-08	6.81E-09	1.11E-08	1.77E-08	3.11E-09	1.56E-08	8.65E-08
2434	496018.25	3859842.96	1.10E-04	1.34E-04	1.18E-04	3.80E-08	1.15E-07	6.64E-08	8.14E-08	7.37E-08	3.36E-08	2.95E-08	1.27E-09	3.07E-08	6.76E-09	1.10E-08	1.75E-08	3.09E-09	1.55E-08	8.58E-08
2435	496118.25	3859842.96	1.10E-04	1.34E-04	1.18E-04	3.80E-08	1.15E-07	6.64E-08	8.13E-08	7.37E-08	3.36E-08	2.95E-08	1.27E-09	3.06E-08	6.76E-09	1.10E-08	1.75E-08	3.09E-09	1.55E-08	8.58E-08
2436	496218.25	3859842.96	1.08E-04	1.32E-04	1.16E-04	3.73E-08	1.13E-07	6.52E-08	7.99E-08	7.24E-08	3.31E-08	2.90E-08	1.25E-09	3.01E-08	6.64E-09	1.08E-08	1.72E-08	3.03E-09	1.52E-08	8.43E-08
2437	496318.25	3859842.96	1.04E-04	1.27E-04	1.11E-04	3.60E-08	1.09E-07	6.29E-08	7.71E-08	6.99E-08	3.19E-08	2.79E-08	1.20E-09	2.90E-08	6.41E-09	1.05E-08	1.66E-08	2.92E-09	1.47E-08	8.13E-08
2438	496418.25	3859842.96	1.01E-04	1.24E-04	1.08E-04	3.50E-08	1.06E-07	6.11E-08	7.48E-08	6.78E-08	3.10E-08	2.71E-08	1.17E-09	2.82E-08	6.22E-09	1.02E-08	1.61E-08	2.84E-09	1.42E-08	7.89E-08
2439	495718.25	3859942.96	1.10E-04	1.35E-04	1.18E-04	3.83E-08	1.16E-07	6.69E-08	8.19E-08	7.42E-08	3.39E-08	2.97E-08	1.28E-09	3.09E-08	6.81E-09	1.11E-08	1.76E-08	3.11E-09	1.56E-08	8.64E-08
2440	495818.25	3859942.96	1.09E-04	1.34E-04	1.17E-04	3.79E-08	1.14E-07	6.62E-08	8.11E-08	7.35E-08	3.35E-08	2.94E-08	1.27E-09	3.06E-08	6.74E-09	1.10E-08	1.75E-08	3.08E-09	1.54E-08	8.56E-08
2441	495918.25	3859942.96	1.08E-04	1.33E-04	1.16E-04	3.76E-08	1.13E-07	6.57E-08	8.05E-08	7.29E-08	3.33E-08	2.92E-08	1.26E-09	3.03E-08	6.69E-09	1.09E-08	1.73E-08	3.05E-09	1.53E-08	8.49E-08
2442	496018.25	3859942.96	1.08E-04	1.32E-04	1.16E-04	3.74E-08	1.13E-07	6.54E-08	8.01E-08	7.26E-08	3.31E-08	2.90E-08	1.25E-09	3.02E-08	6.66E-09	1.09E-08	1.73E-08	3.04E-09	1.52E-08	8.45E-08
2443	496118.25	3859942.96	1.07E-04	1.31E-04	1.14E-04	3.69E-08	1.12E-07	6.46E-08	7.91E-08	7.17E-08	3.27E-08	2.87E-08	1.23E-09	2.98E-08	6.58E-09	1.07E-08	1.70E-08	3.00E-09	1.50E-08	8.34E-08
2444	496218.25	3859942.96	1.04E-04	1.28E-04	1.12E-04	3.62E-08	1.09E-07	6.33E-08	7.75E-08	7.03E-08	3.21E-08	2.81E-08	1.21E-09	2.92E-08	6.44E-09	1.05E-08	1.67E-08	2.94E-09	1.47E-08	8.18E-08
2445	496318.25	3859942.96	1.02E-04	1.25E-04	1.09E-04	3.53E-08	1.07E-07	6.18E-08	7.57E-08	6.86E-08	3.13E-08	2.74E-08	1.18E-09	2.85E-08	6.29E-09	1.03E-08	1.63E-08	2.87E-09	1.44E-08	7.98E-08
2446	496418.25	3859942.96	9.82E-05	1.20E-04	1.05E-04	3.40E-08	1.03E-07	5.95E-08	7.29E-08	6.60E-08	3.01E-08	2.64E-08	1.14E-09	2.74E-08	6.06E-09	9.89E-09	1.57E-08	2.77E-09	1.39E-08	7.68E-08
2447	496856.82	3858864.83	9.78E-05	1.20E-04	1.05E-04	3.39E-08	1.02E-07	5.92E-08	7.26E-08	6.58E-08	3.00E-08	2.63E-08	1.13E-09	2.73E-08	6.03E-09	9.85E-09	1.56E-08	2.75E-09	1.38E-08	7.65E-08
2448	496956.82	3858864.83	9.63E-05	1.18E-04	1.03E-04	3.34E-08	1.01E-07	5.84E-08	7.15E-08	6.48E-08	2.96E-08	2.59E-08	1.12E-09	2.69E-08	5.94E-09	9.71E-09	1.54E-08	2.71E-09	1.36E-08	7.54E-08
2449	497056.82	3858864.83	9.50E-05	1.16E-04	1.02E-04	3.29E-08	9.94E-08	5.75E-08	7.05E-08	6.39E-08	2.92E-08	2.55E-08	1.10E-09	2.66E-08	5.86E-09	9.57E-09	1.52E-08	2.68E-09	1.34E-08	7.43E-08
2450	497156.82	3858864.83	9.33E-05	1.14E-04	1.00E-04	3.23E-08	9.76E-08	5.65E-08	6.92E-08	6.27E-08	2.86E-08	2.51E-08	1.08E-09	2.61E-08	5.75E-09	9.39E-09	1.49E-08	2.63E-09	1.32E-08	7.30E-08
2451	497256.82	3858864.83	9.28E-05	1.14E-04	9.96E-05	3.21E-08	9.71E-08	5.62E-08	6.88E-08	6.24E-08	2.85E-08	2.49E-08	1.07E-09	2.59E-08	5.72E-09	9.34E-09	1.48E-08	2.61E-09	1.31E-08	7.26E-08
2452	496856.82	3858964.83	9.98E-05	1.22E-04	1.07E-04	3.46E-08	1.04E-07	6.04E-08	7.40E-08	6.71E-08	3.06E-08	2.68E-08	1.15E-09	2.79E-08	6.15E-09	1.00E-08	1.59E-08	2.81E-09	1.41E-08	7.81E-08
2453	496956.82	3858964.83	9.77E-05	1.20E-04	1.05E-04	3.39E-08	1.02E-07	5.92E-08	7.25E-08	6.57E-08	3.00E-08	2.63E-08	1.13E-09	2.73E-08	6.03E-09	9.84E-09	1.56E-08	2.75E-09	1.38E-08	7.65E-08
2454	497056.82	3858964.83	9.62E-05	1.18E-04	1.03E-04	3.33E-08	1.01E-07	5.83E-08	7.14E-08	6.47E-08	2.95E-08	2.59E-08	1.11E-09	2.69E-08	5.93E-09	9.69E-09	1.54E-08	2.71E-09	1.36E-08	7.53E-08
2455	497156.82	3858964.83	9.46E-05	1.16E-04	1.02E-04	3.28E-08	9.90E-08	5.73E-08	7.02E-08	6.36E-08	2.90E-08	2.54E-08	1.10E-09	2.65E-08	5.84E-09	9.53E-09	1.51E-08	2.67E-09	1.34E-08	7.41E-08
2456	497256.82	3858964.83	9.54E-05	1.17E-04	1.02E-04	3.31E-08	9.98E-08	5.78E-08	7.08E-08	6.42E-08	2.93E-08	2.57E-08	1.10E-09	2.67E-08	5.88E-09	9.61E-09	1.52E-08	2.69E-09	1.35E-08	7.47E-08
2457	496856.82	3859064.83	1.00E-04	1.23E-04	1.08E-04	3.47E-08	1.05E-07	6.07E-08	7.43E-08	6.74E-08	3.08E-08	2.69E-08	1.16E-09	2.80E-08	6.18E-09	1.01E-08	1.60E-08	2.82E-09	1.41E-08	7.84E-08
2458	496956.82	3859064.83	9.86E-05	1.21E-04	1.06E-04	3.42E-08	1.03E-07	5.97E-08	7.31E-08	6.63E-08	3.03E-08	2.65E-08	1.14E-09	2.76E-08	6.08E-09	9.93E-09	1.58E-08	2.78E-09	1.39E-08	7.72E-08
2459	497056.82	3859064.83	9.73E-05	1.19E-04	1.04E-04	3.37E-08	1.02E-07	5.89E-08	7.22E-08	6.54E-08	2.99E-08	2.62E-08	1.13E-09	2.72E-08	6.00E-09	9.80E-09	1.55E-08	2.74E-09	1.37E-08	7.61E-08
2460	497156.82	3859064.83	9.61E-05	1.18E-04	1.03E-04	3.33E-08	1.01E-07	5.82E-08	7.13E-08	6.47E-08	2.95E-08	2.59E-08	1.11E-09	2.69E-08	5.93E-09	9.68E-09	1.54E-08	2.71E-09	1.36E-08	7.52E-08
2461	497256.82	3859064.83	9.77E-05	1.20E-04	1.05E-04	3.38E-08	1.02E-07	5.92E-08	7.25E-08	6.57E-08	3.00E-08	2.63E-08	1.13E-09	2.73E-08	6.02E-09	9.84E-09	1.56E-08	2.75E-09	1.38E-08	7.64E-08
2462	496856.82	3859164.83	9.95E-05	1.22E-04	1.07E-04	3.45E-08	1.04E-07	6.03E-08	7.39E-08	6.69E-08	3.05E-08	2.68E-08	1.15E-09	2.78E-08	6.14E-09	1.00E-08	1.59E-08	2.80E-09	1.40E-08	7.79E-08
2463	496956.82	3859164.83	9.78E-05	1.20E-04	1.05E-04	3.39E-08	1.02E-07	5.93E-08	7.26E-08	6.58E-08	3.00E-08	2.63E-08	1.13E-09	2.73E-08	6.03E-09	9.85E-09	1.56E-08	2.76E-09	1.38E-08	7.66E-08
2464	497056.82	3859164.83	9.72E-05	1.19E-04	1.04E-04	3.37E-08	1.02E-07	5.89E-08	7.21E-08	6.54E-08	2.98E-08	2.61E-08	1.12E-09	2.72E-08	5.99E-09	9.79E-09	1.55E-08	2.74E-09	1.37E-08	7.60E-08
2465	497156.82	3859164.83	9.77E-05	1.20E-04	1.05E-04	3.38E-08	1.02E-07	5.92E-08	7.25E-08	6.57E-08	3.00E-08	2.63E-08	1.13E-09	2.73E-08	6.02E-09	9.84E-09	1.56E-08	2.75E-09	1.38E-08	7.64E-08
2466	497256.82	3859164.83	9.95E-05	1.22E-04	1.07E-04	3.45E-08	1.04E-07	6.03E-08	7.39E-08	6.70E-08	3.05E-08	2.68E-08	1.15E-09	2.78E-08	6.14E-09	1.00E-08	1.59E-08	2.80E-09	1.40E-08	7.79E-08
2467	496856.82	3859264.83	9.82E-05	1.20E-04	1.05E-04	3.40E-08	1.03E-07	5.95E-08	7.28E-08	6.60E-08	3.01E-08	2.64E-08	1.14E-09	2.74E-08	6.05E-09	9.89E-09	1.57E-08	2.76E-09	1.39E-08	7.68E-08
2468	496956.82	3859264.83	9.79E-05	1.20E-04	1.05E-04	3.39E-08	1.02E-07	5.93E-08	7.26E-08	6.59E-08	3.00E-08	2.63E-08	1.13E-09	2.74E-08	6.04E-09	9.86E-09	1.56E-08	2.76E-09	1.38E-08	7.66E-08

2469	497056.82	3859264.83	9.85E-05	1.21E-04	1.06E-04	3.41E-08	1.03E-07	5.97E-08	7.31E-08	6.63E-08	3.02E-08	2.65E-08	1.14E-09	2.75E-08	6.08E-09	9.92E-09	1.57E-08	2.77E-09	1.39E-08	7.71E-08
2470	497156.82	3859264.83	9.89E-05	1.21E-04	1.06E-04	3.43E-08	1.04E-07	5.99E-08	7.34E-08	6.65E-08	3.04E-08	2.66E-08	1.14E-09	2.76E-08	6.10E-09	9.96E-09	1.58E-08	2.79E-09	1.40E-08	7.74E-08
2471	497256.82	3859264.83	1.00E-04	1.23E-04	1.08E-04	3.48E-08	1.05E-07	6.08E-08	7.44E-08	6.75E-08	3.08E-08	2.70E-08	1.16E-09	2.80E-08	6.19E-09	1.01E-08	1.60E-08	2.82E-09	1.42E-08	7.85E-08
2472	497088.92	3858620.93	8.94E-05	1.09E-04	9.59E-05	3.10E-08	9.35E-08	5.41E-08	6.63E-08	6.01E-08	2.74E-08	2.40E-08	1.03E-09	2.50E-08	5.51E-09	9.00E-09	1.43E-08	2.52E-09	1.26E-08	7.00E-08
2473	497138.92	3858620.93	8.93E-05	1.09E-04	9.58E-05	3.09E-08	9.34E-08	5.41E-08	6.62E-08	6.00E-08	2.74E-08	2.40E-08	1.03E-09	2.50E-08	5.51E-09	8.99E-09	1.43E-08	2.51E-09	1.26E-08	6.99E-08
2474	497188.92	3858620.93	8.85E-05	1.08E-04	9.50E-05	3.07E-08	9.26E-08	5.36E-08	6.57E-08	5.95E-08	2.72E-08	2.38E-08	1.02E-09	2.47E-08	5.46E-09	8.92E-09	1.41E-08	2.49E-09	1.25E-08	6.93E-08
2475	497238.92	3858620.93	8.81E-05	1.08E-04	9.46E-05	3.05E-08	9.22E-08	5.34E-08	6.54E-08	5.92E-08	2.70E-08	2.37E-08	1.02E-09	2.46E-08	5.43E-09	8.87E-09	1.41E-08	2.48E-09	1.24E-08	6.89E-08
2476	497088.92	3858670.93	8.94E-05	1.09E-04	9.59E-05	3.10E-08	9.35E-08	5.41E-08	6.63E-08	6.01E-08	2.74E-08	2.40E-08	1.03E-09	2.50E-08	5.51E-09	9.00E-09	1.43E-08	2.52E-09	1.26E-08	6.99E-08
2477	497138.92	3858670.93	8.97E-05	1.10E-04	9.63E-05	3.11E-08	9.39E-08	5.44E-08	6.66E-08	6.03E-08	2.75E-08	2.41E-08	1.04E-09	2.51E-08	5.53E-09	9.04E-09	1.43E-08	2.53E-09	1.27E-08	7.02E-08
2478	497188.92	3858670.93	8.89E-05	1.09E-04	9.55E-05	3.08E-08	9.31E-08	5.39E-08	6.60E-08	5.98E-08	2.73E-08	2.39E-08	1.03E-09	2.49E-08	5.49E-09	8.96E-09	1.42E-08	2.50E-09	1.26E-08	6.96E-08
2479	497238.92	3858670.93	8.88E-05	1.09E-04	9.53E-05	3.08E-08	9.29E-08	5.38E-08	6.59E-08	5.97E-08	2.72E-08	2.39E-08	1.03E-09	2.48E-08	5.48E-09	8.94E-09	1.42E-08	2.50E-09	1.25E-08	6.95E-08
2480	497088.92	3858720.93	9.13E-05	1.12E-04	9.80E-05	3.16E-08	9.55E-08	5.53E-08	6.77E-08	6.14E-08	2.80E-08	2.45E-08	1.06E-09	2.55E-08	5.63E-09	9.19E-09	1.46E-08	2.57E-09	1.29E-08	7.14E-08
2481	497138.92	3858720.93	8.91E-05	1.09E-04	9.56E-05	3.09E-08	9.32E-08	5.40E-08	6.61E-08	5.99E-08	2.73E-08	2.40E-08	1.03E-09	2.49E-08	5.50E-09	8.97E-09	1.42E-08	2.51E-09	1.26E-08	6.97E-08
2482	497188.92	3858720.93	8.86E-05	1.09E-04	9.51E-05	3.07E-08	9.27E-08	5.37E-08	6.57E-08	5.96E-08	2.72E-08	2.38E-08	1.03E-09	2.48E-08	5.47E-09	8.93E-09	1.42E-08	2.50E-09	1.25E-08	6.94E-08
2483	497238.92	3858720.93	8.97E-05	1.10E-04	9.63E-05	3.11E-08	9.39E-08	5.43E-08	6.66E-08	6.03E-08	2.75E-08	2.41E-08	1.04E-09	2.51E-08	5.53E-09	9.04E-09	1.43E-08	2.53E-09	1.27E-08	7.02E-08
2484	497088.92	3858770.93	9.17E-05	1.12E-04	9.85E-05	3.18E-08	9.60E-08	5.56E-08	6.81E-08	6.17E-08	2.81E-08	2.47E-08	1.06E-09	2.56E-08	5.66E-09	9.24E-09	1.47E-08	2.58E-09	1.29E-08	7.18E-08
2485	497138.92	3858770.93	9.08E-05	1.11E-04	9.75E-05	3.15E-08	9.50E-08	5.50E-08	6.74E-08	6.11E-08	2.79E-08	2.44E-08	1.05E-09	2.54E-08	5.60E-09	9.15E-09	1.45E-08	2.56E-09	1.28E-08	7.11E-08
2486	497188.92	3858770.93	9.02E-05	1.10E-04	9.68E-05	3.13E-08	9.44E-08	5.46E-08	6.69E-08	6.07E-08	2.77E-08	2.43E-08	1.04E-09	2.52E-08	5.56E-09	9.09E-09	1.44E-08	2.54E-09	1.27E-08	7.06E-08
2487	497238.92	3858770.93	9.07E-05	1.11E-04	9.74E-05	3.14E-08	9.49E-08	5.49E-08	6.73E-08	6.10E-08	2.78E-08	2.44E-08	1.05E-09	2.54E-08	5.59E-09	9.14E-09	1.45E-08	2.55E-09	1.28E-08	7.10E-08
2488	497396.65	3858622.63	9.15E-05	1.12E-04	9.82E-05	3.17E-08	9.57E-08	5.54E-08	6.79E-08	6.15E-08	2.81E-08	2.46E-08	1.06E-09	2.56E-08	5.64E-09	9.22E-09	1.46E-08	2.58E-09	1.29E-08	7.16E-08
2489	497496.65	3858622.63	9.33E-05	1.14E-04	1.00E-04	3.23E-08	9.77E-08	5.65E-08	6.92E-08	6.28E-08	2.86E-08	2.51E-08	1.08E-09	2.61E-08	5.76E-09	9.40E-09	1.49E-08	2.63E-09	1.32E-08	7.30E-08
2490	497596.65	3858622.63	9.68E-05	1.19E-04	1.04E-04	3.36E-08	1.01E-07	5.87E-08	7.18E-08	6.51E-08	2.97E-08	2.60E-08	1.12E-09	2.71E-08	5.97E-09	9.75E-09	1.55E-08	2.73E-09	1.37E-08	7.58E-08
2491	497696.65	3858622.63	9.76E-05	1.20E-04	1.05E-04	3.38E-08	1.02E-07	5.91E-08	7.24E-08	6.57E-08	3.00E-08	2.63E-08	1.13E-09	2.73E-08	6.02E-09	9.83E-09	1.56E-08	2.75E-09	1.38E-08	7.64E-08
2492	497796.65	3858622.63	9.96E-05	1.22E-04	1.07E-04	3.45E-08	1.04E-07	6.03E-08	7.39E-08	6.70E-08	3.06E-08	2.68E-08	1.15E-09	2.78E-08	6.14E-09	1.00E-08	1.59E-08	2.81E-09	1.41E-08	7.80E-08
2493	497896.65	3858622.63	1.02E-04	1.24E-04	1.09E-04	3.52E-08	1.06E-07	6.15E-08	7.53E-08	6.83E-08	3.12E-08	2.73E-08	1.18E-09	2.84E-08	6.26E-09	1.02E-08	1.62E-08	2.86E-09	1.43E-08	7.95E-08
2494	497396.65	3858722.63	9.37E-05	1.15E-04	1.01E-04	3.25E-08	9.80E-08	5.68E-08	6.95E-08	6.30E-08	2.88E-08	2.52E-08	1.08E-09	2.62E-08	5.78E-09	9.44E-09	1.50E-08	2.64E-09	1.32E-08	7.33E-08
2495	497496.65	3858722.63	9.55E-05	1.17E-04	1.03E-04	3.31E-08	9.99E-08	5.78E-08	7.08E-08	6.42E-08	2.93E-08	2.57E-08	1.11E-09	2.67E-08	5.89E-09	9.62E-09	1.53E-08	2.69E-09	1.35E-08	7.47E-08
2496	497596.65	3858722.63	9.86E-05	1.21E-04	1.06E-04	3.42E-08	1.03E-07	5.97E-08	7.31E-08	6.63E-08	3.03E-08	2.65E-08	1.14E-09	2.76E-08	6.08E-09	9.93E-09	1.58E-08	2.78E-09	1.39E-08	7.72E-08
2497	497696.65	3858722.63	1.00E-04	1.23E-04	1.08E-04	3.47E-08	1.05E-07	6.07E-08	7.43E-08	6.74E-08	3.08E-08	2.70E-08	1.16E-09	2.80E-08	6.18E-09	1.01E-08	1.60E-08	2.82E-09	1.41E-08	7.84E-08
2498	497796.65	3858722.63	1.01E-04	1.24E-04	1.08E-04	3.50E-08	1.06E-07	6.11E-08	7.49E-08	6.79E-08	3.10E-08	2.71E-08	1.17E-09	2.82E-08	6.22E-09	1.02E-08	1.61E-08	2.84E-09	1.42E-08	7.90E-08
2499	497896.65	3858722.63	1.02E-04	1.25E-04	1.10E-04	3.54E-08	1.07E-07	6.19E-08	7.58E-08	6.87E-08	3.13E-08	2.75E-08	1.18E-09	2.85E-08	6.30E-09	1.03E-08	1.63E-08	2.88E-09	1.44E-08	7.99E-08
2500	497396.65	3858822.63	9.49E-05	1.16E-04	1.02E-04	3.29E-08	9.93E-08	5.75E-08	7.04E-08	6.38E-08	2.91E-08	2.55E-08	1.10E-09	2.65E-08	5.85E-09	9.56E-09	1.52E-08	2.67E-09	1.34E-08	7.43E-08
2501	497496.65	3858822.63	9.63E-05	1.18E-04	1.03E-04	3.34E-08	1.01E-07	5.84E-08	7.15E-08	6.48E-08	2.96E-08	2.59E-08	1.11E-09	2.69E-08	5.94E-09	9.71E-09	1.54E-08	2.71E-09	1.36E-08	7.54E-08
2502	497596.65	3858822.63	9.99E-05	1.22E-04	1.07E-04	3.46E-08	1.05E-07	6.05E-08	7.42E-08	6.72E-08	3.07E-08	2.69E-08	1.16E-09	2.79E-08	6.17E-09	1.01E-08	1.60E-08	2.81E-09	1.41E-08	7.82E-08
2503	497696.65	3858822.63	1.01E-04	1.24E-04	1.08E-04	3.50E-08	1.06E-07	6.12E-08	7.49E-08	6.79E-08	3.10E-08	2.72E-08	1.17E-09	2.82E-08	6.23E-09	1.02E-08	1.61E-08	2.84E-09	1.42E-08	7.90E-08
2504	497796.65	3858822.63	1.02E-04	1.25E-04	1.09E-04	3.52E-08	1.06E-07	6.16E-08	7.54E-08	6.84E-08	3.12E-08	2.73E-08	1.18E-09	2.84E-08	6.27E-09	1.02E-08	1.62E-08	2.86E-09	1.44E-08	7.96E-08
2505	497896.65	3858822.63	1.04E-04	1.27E-04	1.11E-04	3.59E-08	1.08E-07	6.28E-08	7.69E-08	6.97E-08	3.18E-08	2.79E-08	1.20E-09	2.90E-08	6.39E-09	1.04E-08	1.66E-08	2.92E-09	1.46E-08	8.11E-08
2506	497396.65	3858922.63	9.62E-05	1.18E-04	1.03E-04	3.33E-08	1.01E-07	5.83E-08	7.14E-08	6.47E-08	2.95E-08	2.59E-08	1.11E-09	2.69E-08	5.93E-09	9.69E-09	1.54E-08	2.71E-09	1.36E-08	7.53E-08
2507	497496.65	3858922.63	9.92E-05	1.21E-04	1.06E-04	3.44E-08	1.04E-07	6.01E-08	7.36E-08	6.67E-08	3.04E-08	2.67E-08	1.15E-09	2.77E-08	6.12E-09	9.99E-09	1.58E-08	2.79E-09	1.40E-08	7.76E-08
2508	497596.65	3858922.63	9.89E-05	1.21E-04	1.06E-04	3.43E-08	1.04E-07	5.99E-08	7.34E-08	6.65E-08	3.04E-08	2.66E-08	1.14E-09	2.77E-08	6.10E-09	9.97E-09	1.58E-08	2.79E-09	1.40E-08	7.74E-08
2509	497696.65	3858922.63	1.02E-04	1.25E-04	1.10E-04	3.54E-08	1.07E-07	6.19E-08	7.58E-08	6.87E-08	3.14E-08	2.75E-08	1.18E-09	2.86E-08	6.30E-09	1.03E-08	1.63E-08	2.88E-09	1.44E-08	8.00E-08
2510	497796.65	3858922.63	1.04E-04	1.27E-04	1.11E-04	3.59E-08	1.08E-07	6.28E-08	7.69E-08	6.97E-08	3.18E-08	2.79E-08	1.20E-09	2.90E-08	6.39E-09	1.04E-08	1.66E-08	2.92E-09	1.46E-08	8.11E-08
2511	497896.65	3858922.63	1.06E-04	1.30E-04	1.14E-04	3.68E-08	1.11E-07	6.42E-08	7.87E-08	7.13E-08	3.25E-08	2.85E-08	1.23E-09	2.96E-08	6.54E-09	1.07E-08	1.69E-08	2.99E-09	1.50E-08	8.30E-08
2512	497364.44	3858201.52	8.75E-05	1.07E-04	9.40E-05	3.03E-08	9.16E-08	5.30E-08	6.50E-08	5.89E-08	2.69E-08	2.35E-08	1.01E-09	2.45E-08	5.40E-09	8.82E-09	1.40E-08	2.47E-09	1.24E-08	6.85E-08
2513	497414.44	3858201.52	8.85E-05	1.08E-04	9.51E-05	3.07E-08	9.26E-08	5.36E-08	6.57E-08	5.95E-08	2.72E-08	2.38E-08	1.02E-09	2.48E-08	5.46E-09	8.92E-09	1.41E-08	2.49E-09	1.25E-08	6.93E-08
2514	497464.44	3858201.52	8.94E-05	1.09E-04	9.59E-05	3.10E-08	9.35E-08	5.41E-08	6.63E-08	6.01E-08	2.74E-08	2.40E-08	1.03E-09	2.50E-08	5.51E-09	9.00E-09	1.43E-08	2.52E-09	1.26E-08	7.00E-08
2515	497514.44	3858201.52	8.97E-05	1.10E-04	9.63E-05	3.11E-08	9.38E-08	5.43E-08	6.65E-08	6.03E-08	2.75E-08	2.41E-08	1.04E-09	2.51E-08	5.53E-09	9.03E-09	1.43E-08	2.53E-09	1.27E-08	7.02E-08
2516	497564.44	3858201.52	8.93E-05	1.09E-04	9.59E-05	3.09E-08	9.34E-08	5.41E-08	6.63E-08	6.01E-08	2.74E-08	2.40E-08	1.03E-09	2.50E-08	5.51E-09	9.00E-09	1.43E-08	2.51E-09	1.26E-08	6.99E-08
2517	497614.44	3858201.52	8.95E-05	1.10E-04	9.61E-05	3.10E-08	9.36E-08	5.42E-08	6.64E-08	6.02E-08	2.75E-08	2.41E-08	1.04E-09	2.50E-08	5.52E-09	9.01E-09	1.43E-08	2.52E-09	1.26E-08	7.00E-08
2518	497364.44	3858251.52	8.90E-05	1.09E-04	9.55E-05	3.08E-08	9.31E-08	5.39E-08	6.60E-08	5.98E-08	2.73E-08	2.39E-08	1.03E-09	2.49E-08	5.49E-09	8.96E-09	1.42E-08	2.51E-09	1.26E-08	6.96E-08
2519	497414.44	3858251.52	9.03E-05	1.11E-04	9.69E-05	3.13E-08	9.45E-08	5.47E-08	6.70E-08	6.07E-08	2.77E-08	2.43E-08	1.04E-09	2.52E-08	5.57E-09	9.09E-09	1.44E-08	2.54E-09	1.27E-08	7.06E-08
2520	497464.44	3858251.52	8.95E-05	1.10E-04	9.61E-05	3.10E-08	9.37E-08	5.42E-08	6.64E-08	6.02E-08	2.75E-08	2.41E-08	1.04E-09	2.50E-08	5.52E-09	9.02E-09	1.43E-08	2.52E-09	1.26E-08	7.01E-08
2521	497514.44	3858251.52	8.86E-05	1.09E-04	9.51E-05	3.07E-08	9.27E-08	5.37E-08	6.57E-08	5.96E-08	2.72E-08	2.38E-08	1.03E-09	2.48E-08	5.46E-09	8.92E-09	1.42E-08	2.49E-09	1.25E-08	6.93E-08
2522	497564.44	3858251.52	8.83E-05	1.08E-04	9.48E-05	3.06E-08	9.24E-08	5.35E-08	6.55E-08	5.94E-08	2.71E-08	2.38E-08	1.02E-09	2.47E-08	5.45E-09	8.90E-09	1.41E-08	2.49E-09	1.25E-08	6.91E-08
2523	497614.44	3858251.52	8.80E-05	1.08E-04	9.45E-05	3.05E-08	9.21E-08	5.33E-08	6.53E-08	5.92E-08	2.70E-08	2.37E-08	1.02E-09	2.46E-08	5.43E-09	8.87E-09	1.41E-08	2.48E-09	1.24E-08	6.89E-08

2524	497364.44	3858301.52	8.92E-05	1.09E-04	9.58E-05	3.09E-08	9.34E-08	5.41E-08	6.62E-08	6.00E-08	2.74E-08	2.40E-08	1.03E-09	2.49E-08	5.50E-09	8.99E-09	1.43E-08	2.51E-09	1.26E-08	6.98E-08
2525	497414.44	3858301.52	9.00E-05	1.10E-04	9.66E-05	3.12E-08	9.41E-08	5.45E-08	6.68E-08	6.05E-08	2.76E-08	2.42E-08	1.04E-09	2.52E-08	5.55E-09	9.06E-09	1.44E-08	2.53E-09	1.27E-08	7.04E-08
2526	497464.44	3858301.52	8.90E-05	1.09E-04	9.56E-05	3.08E-08	9.31E-08	5.39E-08	6.60E-08	5.99E-08	2.73E-08	2.39E-08	1.03E-09	2.49E-08	5.49E-09	8.97E-09	1.42E-08	2.51E-09	1.26E-08	6.97E-08
2527	497514.44	3858301.52	8.84E-05	1.08E-04	9.49E-05	3.06E-08	9.25E-08	5.35E-08	6.56E-08	5.94E-08	2.71E-08	2.38E-08	1.02E-09	2.47E-08	5.45E-09	8.90E-09	1.41E-08	2.49E-09	1.25E-08	6.92E-08
2528	497564.44	3858301.52	8.74E-05	1.07E-04	9.38E-05	3.03E-08	9.14E-08	5.29E-08	6.48E-08	5.88E-08	2.68E-08	2.35E-08	1.01E-09	2.44E-08	5.39E-09	8.80E-09	1.40E-08	2.46E-09	1.23E-08	6.84E-08
2529	497614.44	3858301.52	8.71E-05	1.07E-04	9.35E-05	3.02E-08	9.11E-08	5.27E-08	6.46E-08	5.85E-08	2.67E-08	2.34E-08	1.01E-09	2.43E-08	5.37E-09	8.77E-09	1.39E-08	2.45E-09	1.23E-08	6.81E-08
2530	497364.44	3858351.52	8.96E-05	1.10E-04	9.62E-05	3.11E-08	9.38E-08	5.43E-08	6.65E-08	6.03E-08	2.75E-08	2.41E-08	1.04E-09	2.51E-08	5.53E-09	9.03E-09	1.43E-08	2.52E-09	1.27E-08	7.02E-08
2531	497414.44	3858351.52	8.90E-05	1.09E-04	9.56E-05	3.09E-08	9.32E-08	5.39E-08	6.61E-08	5.99E-08	2.73E-08	2.39E-08	1.03E-09	2.49E-08	5.49E-09	8.97E-09	1.42E-08	2.51E-09	1.26E-08	6.97E-08
2532	497464.44	3858351.52	8.88E-05	1.09E-04	9.53E-05	3.08E-08	9.29E-08	5.38E-08	6.59E-08	5.97E-08	2.73E-08	2.39E-08	1.03E-09	2.48E-08	5.48E-09	8.94E-09	1.42E-08	2.50E-09	1.25E-08	6.95E-08
2533	497514.44	3858351.52	8.83E-05	1.08E-04	9.48E-05	3.06E-08	9.24E-08	5.35E-08	6.55E-08	5.94E-08	2.71E-08	2.37E-08	1.02E-09	2.47E-08	5.45E-09	8.89E-09	1.41E-08	2.49E-09	1.25E-08	6.91E-08
2534	497564.44	3858351.52	8.71E-05	1.07E-04	9.35E-05	3.02E-08	9.11E-08	5.27E-08	6.46E-08	5.86E-08	2.67E-08	2.34E-08	1.01E-09	2.43E-08	5.37E-09	8.77E-09	1.39E-08	2.45E-09	1.23E-08	6.81E-08
2535	497614.44	3858351.52	8.68E-05	1.06E-04	9.32E-05	3.01E-08	9.08E-08	5.26E-08	6.44E-08	5.84E-08	2.66E-08	2.33E-08	1.00E-09	2.43E-08	5.35E-09	8.74E-09	1.39E-08	2.44E-09	1.23E-08	6.79E-08
2536	497364.44	3858401.52	8.87E-05	1.09E-04	9.52E-05	3.07E-08	9.28E-08	5.37E-08	6.58E-08	5.96E-08	2.72E-08	2.39E-08	1.03E-09	2.48E-08	5.47E-09	8.93E-09	1.42E-08	2.50E-09	1.25E-08	6.94E-08
2537	497414.44	3858401.52	8.86E-05	1.08E-04	9.51E-05	3.07E-08	9.27E-08	5.36E-08	6.57E-08	5.96E-08	2.72E-08	2.38E-08	1.02E-09	2.48E-08	5.46E-09	8.92E-09	1.42E-08	2.49E-09	1.25E-08	6.93E-08
2538	497464.44	3858401.52	8.79E-05	1.08E-04	9.43E-05	3.05E-08	9.20E-08	5.32E-08	6.52E-08	5.91E-08	2.70E-08	2.36E-08	1.02E-09	2.46E-08	5.42E-09	8.85E-09	1.40E-08	2.48E-09	1.24E-08	6.88E-08
2539	497514.44	3858401.52	8.75E-05	1.07E-04	9.40E-05	3.03E-08	9.16E-08	5.30E-08	6.49E-08	5.89E-08	2.69E-08	2.35E-08	1.01E-09	2.45E-08	5.40E-09	8.82E-09	1.40E-08	2.47E-09	1.24E-08	6.85E-08
2540	497564.44	3858401.52	8.84E-05	1.08E-04	9.49E-05	3.06E-08	9.25E-08	5.36E-08	6.56E-08	5.95E-08	2.71E-08	2.38E-08	1.02E-09	2.47E-08	5.46E-09	8.91E-09	1.41E-08	2.49E-09	1.25E-08	6.92E-08
2541	497614.44	3858401.52	8.93E-05	1.09E-04	9.59E-05	3.10E-08	9.35E-08	5.41E-08	6.63E-08	6.01E-08	2.74E-08	2.40E-08	1.03E-09	2.50E-08	5.51E-09	9.00E-09	1.43E-08	2.52E-09	1.26E-08	6.99E-08
2542	493478.11	3860497.94	1.04E-04	1.27E-04	1.11E-04	3.59E-08	1.08E-07	6.28E-08	7.69E-08	6.97E-08	3.18E-08	2.79E-08	1.20E-09	2.90E-08	6.39E-09	1.04E-08	1.66E-08	2.92E-09	1.46E-08	8.11E-08
2543	493528.11	3860497.94	1.03E-04	1.27E-04	1.11E-04	3.59E-08	1.08E-07	6.27E-08	7.68E-08	6.96E-08	3.18E-08	2.78E-08	1.20E-09	2.89E-08	6.38E-09	1.04E-08	1.65E-08	2.91E-09	1.46E-08	8.10E-08
2544	493478.11	3860547.94	1.01E-04	1.24E-04	1.08E-04	3.50E-08	1.06E-07	6.12E-08	7.49E-08	6.79E-08	3.10E-08	2.72E-08	1.17E-09	2.82E-08	6.23E-09	1.02E-08	1.61E-08	2.84E-09	1.43E-08	7.90E-08
2545	493528.11	3860547.94	1.01E-04	1.24E-04	1.08E-04	3.50E-08	1.06E-07	6.11E-08	7.48E-08	6.78E-08	3.10E-08	2.71E-08	1.17E-09	2.82E-08	6.22E-09	1.02E-08	1.61E-08	2.84E-09	1.42E-08	7.89E-08
2546	493478.11	3860597.94	9.85E-05	1.21E-04	1.06E-04	3.41E-08	1.03E-07	5.97E-08	7.31E-08	6.62E-08	3.02E-08	2.65E-08	1.14E-09	2.75E-08	6.07E-09	9.92E-09	1.57E-08	2.77E-09	1.39E-08	7.71E-08
2547	493528.11	3860597.94	9.84E-05	1.20E-04	1.06E-04	3.41E-08	1.03E-07	5.96E-08	7.30E-08	6.62E-08	3.02E-08	2.65E-08	1.14E-09	2.75E-08	6.07E-09	9.91E-09	1.57E-08	2.77E-09	1.39E-08	7.70E-08
2548	493561.88	3860524.64	1.02E-04	1.25E-04	1.10E-04	3.54E-08	1.07E-07	6.18E-08	7.57E-08	6.86E-08	3.13E-08	2.74E-08	1.18E-09	2.85E-08	6.29E-09	1.03E-08	1.63E-08	2.87E-09	1.44E-08	7.99E-08
2549	493591.88	3860524.64	1.02E-04	1.25E-04	1.10E-04	3.54E-08	1.07E-07	6.18E-08	7.57E-08	6.86E-08	3.13E-08	2.75E-08	1.18E-09	2.85E-08	6.30E-09	1.03E-08	1.63E-08	2.87E-09	1.44E-08	7.99E-08
2550	493561.88	3860554.64	1.00E-04	1.23E-04	1.08E-04	3.48E-08	1.05E-07	6.09E-08	7.46E-08	6.76E-08	3.08E-08	2.70E-08	1.16E-09	2.81E-08	6.20E-09	1.01E-08	1.61E-08	2.83E-09	1.42E-08	7.86E-08
2551	493591.88	3860554.64	1.01E-04	1.23E-04	1.08E-04	3.49E-08	1.05E-07	6.09E-08	7.46E-08	6.76E-08	3.09E-08	2.71E-08	1.16E-09	2.81E-08	6.20E-09	1.01E-08	1.61E-08	2.83E-09	1.42E-08	7.87E-08
2552	492880.5	3860293.11	1.15E-04	1.41E-04	1.24E-04	3.99E-08	1.20E-07	6.97E-08	8.53E-08	7.74E-08	3.53E-08	3.09E-08	1.33E-09	3.22E-08	7.10E-09	1.16E-08	1.84E-08	3.24E-09	1.62E-08	9.00E-08
2553	492930.5	3860293.11	1.15E-04	1.41E-04	1.24E-04	3.99E-08	1.21E-07	6.98E-08	8.55E-08	7.75E-08	3.53E-08	3.10E-08	1.33E-09	3.22E-08	7.11E-09	1.16E-08	1.84E-08	3.24E-09	1.63E-08	9.02E-08
2554	492980.5	3860293.11	1.15E-04	1.41E-04	1.24E-04	4.00E-08	1.21E-07	6.99E-08	8.56E-08	7.76E-08	3.54E-08	3.10E-08	1.33E-09	3.22E-08	7.12E-09	1.16E-08	1.84E-08	3.25E-09	1.63E-08	9.03E-08
2555	493030.5	3860293.11	1.16E-04	1.42E-04	1.25E-04	4.02E-08	1.21E-07	7.03E-08	8.61E-08	7.80E-08	3.56E-08	3.12E-08	1.34E-09	3.24E-08	7.16E-09	1.17E-08	1.85E-08	3.27E-09	1.64E-08	9.08E-08
2556	493080.5	3860293.11	1.16E-04	1.43E-04	1.25E-04	4.04E-08	1.22E-07	7.05E-08	8.64E-08	7.83E-08	3.57E-08	3.13E-08	1.35E-09	3.25E-08	7.18E-09	1.17E-08	1.86E-08	3.28E-09	1.64E-08	9.11E-08
2557	493130.5	3860293.11	1.16E-04	1.42E-04	1.25E-04	4.02E-08	1.21E-07	7.03E-08	8.61E-08	7.80E-08	3.56E-08	3.12E-08	1.34E-09	3.24E-08	7.16E-09	1.17E-08	1.85E-08	3.27E-09	1.64E-08	9.08E-08
2558	493180.5	3860293.11	1.16E-04	1.42E-04	1.24E-04	4.01E-08	1.21E-07	7.00E-08	8.58E-08	7.78E-08	3.55E-08	3.11E-08	1.34E-09	3.23E-08	7.13E-09	1.16E-08	1.85E-08	3.26E-09	1.63E-08	9.05E-08
2559	493230.5	3860293.11	1.15E-04	1.41E-04	1.24E-04	4.00E-08	1.21E-07	6.99E-08	8.57E-08	7.76E-08	3.54E-08	3.11E-08	1.34E-09	3.23E-08	7.12E-09	1.16E-08	1.84E-08	3.25E-09	1.63E-08	9.04E-08
2560	493280.5	3860293.11	1.16E-04	1.42E-04	1.24E-04	4.01E-08	1.21E-07	7.00E-08	8.58E-08	7.78E-08	3.55E-08	3.11E-08	1.34E-09	3.23E-08	7.13E-09	1.16E-08	1.85E-08	3.26E-09	1.63E-08	9.05E-08
2561	493330.5	3860293.11	1.16E-04	1.42E-04	1.24E-04	4.01E-08	1.21E-07	7.00E-08	8.57E-08	7.77E-08	3.55E-08	3.11E-08	1.34E-09	3.23E-08	7.13E-09	1.16E-08	1.85E-08	3.25E-09	1.63E-08	9.05E-08
2562	493380.5	3860293.11	1.15E-04	1.41E-04	1.24E-04	4.00E-08	1.21E-07	6.99E-08	8.57E-08	7.76E-08	3.54E-08	3.11E-08	1.34E-09	3.23E-08	7.12E-09	1.16E-08	1.84E-08	3.25E-09	1.63E-08	9.04E-08
2563	492880.5	3860343.11	1.12E-04	1.37E-04	1.20E-04	3.87E-08	1.17E-07	6.77E-08	8.29E-08	7.52E-08	3.43E-08	3.01E-08	1.29E-09	3.13E-08	6.90E-09	1.13E-08	1.79E-08	3.15E-09	1.58E-08	8.75E-08
2564	492930.5	3860343.11	1.12E-04	1.37E-04	1.20E-04	3.88E-08	1.17E-07	6.78E-08	8.31E-08	7.53E-08	3.44E-08	3.01E-08	1.30E-09	3.13E-08	6.90E-09	1.13E-08	1.79E-08	3.15E-09	1.58E-08	8.76E-08
2565	492980.5	3860343.11	1.13E-04	1.38E-04	1.21E-04	3.91E-08	1.18E-07	6.83E-08	8.36E-08	7.58E-08	3.46E-08	3.03E-08	1.30E-09	3.15E-08	6.95E-09	1.14E-08	1.80E-08	3.17E-09	1.59E-08	8.82E-08
2566	493030.5	3860343.11	1.13E-04	1.38E-04	1.21E-04	3.91E-08	1.18E-07	6.83E-08	8.36E-08	7.58E-08	3.46E-08	3.03E-08	1.30E-09	3.15E-08	6.95E-09	1.14E-08	1.80E-08	3.17E-09	1.59E-08	8.82E-08
2567	493080.5	3860343.11	1.13E-04	1.39E-04	1.22E-04	3.93E-08	1.19E-07	6.87E-08	8.41E-08	7.62E-08	3.48E-08	3.05E-08	1.31E-09	3.17E-08	6.99E-09	1.14E-08	1.81E-08	3.19E-09	1.60E-08	8.87E-08
2568	493130.5	3860343.11	1.13E-04	1.39E-04	1.21E-04	3.92E-08	1.18E-07	6.85E-08	8.39E-08	7.61E-08	3.47E-08	3.04E-08	1.31E-09	3.16E-08	6.98E-09	1.14E-08	1.81E-08	3.19E-09	1.60E-08	8.86E-08
2569	493180.5	3860343.11	1.13E-04	1.38E-04	1.21E-04	3.90E-08	1.18E-07	6.82E-08	8.35E-08	7.57E-08	3.46E-08	3.03E-08	1.30E-09	3.15E-08	6.95E-09	1.13E-08	1.80E-08	3.17E-09	1.59E-08	8.81E-08
2570	493230.5	3860343.11	1.12E-04	1.38E-04	1.21E-04	3.90E-08	1.18E-07	6.81E-08	8.35E-08	7.57E-08	3.45E-08	3.03E-08	1.30E-09	3.14E-08	6.94E-09	1.13E-08	1.80E-08	3.17E-09	1.59E-08	8.80E-08
2571	493280.5	3860343.11	1.13E-04	1.38E-04	1.21E-04	3.91E-08	1.18E-07	6.83E-08	8.37E-08	7.58E-08	3.46E-08	3.03E-08	1.30E-09	3.15E-08	6.95E-09	1.14E-08	1.80E-08	3.18E-09	1.59E-08	8.82E-08
2572	493330.5	3860343.11	1.13E-04	1.38E-04	1.21E-04	3.91E-08	1.18E-07	6.83E-08	8.37E-08	7.59E-08	3.46E-08	3.03E-08	1.31E-09	3.15E-08	6.96E-09	1.14E-08	1.80E-08	3.18E-09	1.59E-08	8.83E-08
2573	493380.5	3860343.11	1.13E-04	1.38E-04	1.21E-04	3.91E-08	1.18E-07	6.83E-08	8.36E-08	7.58E-08	3.46E-08	3.03E-08	1.30E-09	3.15E-08	6.95E-09	1.14E-08	1.80E-08	3.17E-09	1.59E-08	8.82E-08
2574	492880.5	3860393.11	1.09E-04	1.33E-04	1.17E-04	3.76E-08	1.14E-07	6.58E-08	8.06E-08	7.30E-08	3.33E-08	2.92E-08	1.26E-09	3.04E-08	6.70E-09	1.09E-08	1.74E-08	3.06E-09	1.53E-08	8.50E-08
2575	492930.5	3860393.11	1.09E-04	1.33E-04	1.17E-04	3.77E-08	1.14E-07	6.60E-08	8.08E-08	7.32E-08	3.34E-08	2.93E-08	1.26E-09	3.04E-08	6.72E-09	1.10E-08	1.74E-08	3.07E-09	1.54E-08	8.52E-08
2576	492980.5	3860393.11	1.09E-04	1.34E-04	1.17E-04	3.79E-08	1.14E-07	6.62E-08	8.11E-08	7.36E-08	3.36E-08	2.94E-08	1.27E-09	3.06E-08	6.75E-09	1.10E-08	1.75E-08	3.08E-09	1.54E-08	8.56E-08
2577	493030.5	3860393.11	1.10E-04	1.34E-04	1.18E-04	3.80E-08	1.15E-07	6.64E-08	8.13E-08	7.37E-08	3.36E-08	2.95E-08	1.27E-09	3.06E-08	6.76E-09	1.10E-08	1.75E-08	3.09E-09	1.55E-08	8.58E-08
2578	493080.5	3860393.11	1.10E-04	1.35E-04	1.18E-04	3.82E-08	1.15E-07	6.68E-08	8.18E-08	7.42E-08	3.38E-08	2.97E-08	1.28E-09	3.08E-08	6.80E-09	1.11E-08	1.76E-08	3.11E-09	1.56E-08	8.63E-08

2579	493130.5	3860393.11	1.10E-04	1.35E-04	1.18E-04	3.81E-08	1.15E-07	6.66E-08	8.16E-08	7.40E-08	3.38E-08	2.96E-08	1.27E-09	3.08E-08	6.79E-09	1.11E-08	1.76E-08	3.10E-09	1.55E-08	8.61E-08
2580	493180.5	3860393.11	1.10E-04	1.34E-04	1.18E-04	3.80E-08	1.15E-07	6.64E-08	8.13E-08	7.37E-08	3.36E-08	2.95E-08	1.27E-09	3.06E-08	6.76E-09	1.10E-08	1.75E-08	3.09E-09	1.55E-08	8.57E-08
2581	493230.5	3860393.11	1.10E-04	1.34E-04	1.18E-04	3.80E-08	1.15E-07	6.64E-08	8.13E-08	7.37E-08	3.36E-08	2.95E-08	1.27E-09	3.06E-08	6.76E-09	1.10E-08	1.75E-08	3.09E-09	1.55E-08	8.58E-08
2582	493280.5	3860393.11	1.10E-04	1.35E-04	1.18E-04	3.81E-08	1.15E-07	6.66E-08	8.15E-08	7.39E-08	3.37E-08	2.96E-08	1.27E-09	3.07E-08	6.78E-09	1.11E-08	1.76E-08	3.09E-09	1.55E-08	8.60E-08
2583	493330.5	3860393.11	1.10E-04	1.35E-04	1.18E-04	3.81E-08	1.15E-07	6.66E-08	8.16E-08	7.40E-08	3.38E-08	2.96E-08	1.27E-09	3.08E-08	6.79E-09	1.11E-08	1.76E-08	3.10E-09	1.55E-08	8.61E-08
2584	493380.5	3860393.11	1.10E-04	1.35E-04	1.18E-04	3.81E-08	1.15E-07	6.66E-08	8.16E-08	7.40E-08	3.38E-08	2.96E-08	1.27E-09	3.07E-08	6.78E-09	1.11E-08	1.76E-08	3.10E-09	1.55E-08	8.61E-08
2585	492880.5	3860443.11	1.06E-04	1.29E-04	1.13E-04	3.66E-08	1.11E-07	6.40E-08	7.84E-08	7.11E-08	3.24E-08	2.84E-08	1.22E-09	2.95E-08	6.52E-09	1.06E-08	1.69E-08	2.98E-09	1.49E-08	8.27E-08
2586	492930.5	3860443.11	1.06E-04	1.30E-04	1.14E-04	3.66E-08	1.11E-07	6.41E-08	7.85E-08	7.11E-08	3.24E-08	2.84E-08	1.22E-09	2.96E-08	6.52E-09	1.07E-08	1.69E-08	2.98E-09	1.49E-08	8.28E-08
2587	492980.5	3860443.11	1.06E-04	1.30E-04	1.14E-04	3.68E-08	1.11E-07	6.43E-08	7.87E-08	7.14E-08	3.26E-08	2.85E-08	1.23E-09	2.97E-08	6.55E-09	1.07E-08	1.70E-08	2.99E-09	1.50E-08	8.31E-08
2588	493030.5	3860443.11	1.07E-04	1.30E-04	1.14E-04	3.69E-08	1.11E-07	6.45E-08	7.90E-08	7.16E-08	3.27E-08	2.86E-08	1.23E-09	2.98E-08	6.57E-09	1.07E-08	1.70E-08	3.00E-09	1.50E-08	8.34E-08
2589	493080.5	3860443.11	1.07E-04	1.31E-04	1.14E-04	3.70E-08	1.12E-07	6.46E-08	7.91E-08	7.17E-08	3.27E-08	2.87E-08	1.23E-09	2.98E-08	6.58E-09	1.07E-08	1.70E-08	3.00E-09	1.51E-08	8.35E-08
2590	493130.5	3860443.11	1.07E-04	1.31E-04	1.15E-04	3.70E-08	1.12E-07	6.47E-08	7.92E-08	7.18E-08	3.28E-08	2.87E-08	1.24E-09	2.98E-08	6.58E-09	1.08E-08	1.71E-08	3.01E-09	1.51E-08	8.35E-08
2591	493180.5	3860443.11	1.06E-04	1.30E-04	1.14E-04	3.69E-08	1.11E-07	6.45E-08	7.90E-08	7.16E-08	3.27E-08	2.86E-08	1.23E-09	2.97E-08	6.56E-09	1.07E-08	1.70E-08	3.00E-09	1.50E-08	8.33E-08
2592	493230.5	3860443.11	1.07E-04	1.31E-04	1.15E-04	3.70E-08	1.12E-07	6.47E-08	7.92E-08	7.18E-08	3.28E-08	2.87E-08	1.24E-09	2.99E-08	6.59E-09	1.08E-08	1.71E-08	3.01E-09	1.51E-08	8.36E-08
2593	493280.5	3860443.11	1.07E-04	1.31E-04	1.15E-04	3.71E-08	1.12E-07	6.48E-08	7.94E-08	7.19E-08	3.28E-08	2.88E-08	1.24E-09	2.99E-08	6.60E-09	1.08E-08	1.71E-08	3.01E-09	1.51E-08	8.37E-08
2594	493330.5	3860443.11	1.07E-04	1.31E-04	1.15E-04	3.72E-08	1.12E-07	6.50E-08	7.96E-08	7.21E-08	3.29E-08	2.88E-08	1.24E-09	3.00E-08	6.62E-09	1.08E-08	1.71E-08	3.02E-09	1.51E-08	8.39E-08
2595	493380.5	3860443.11	1.07E-04	1.31E-04	1.15E-04	3.71E-08	1.12E-07	6.49E-08	7.95E-08	7.21E-08	3.29E-08	2.88E-08	1.24E-09	2.99E-08	6.61E-09	1.08E-08	1.71E-08	3.02E-09	1.51E-08	8.38E-08
2596	493180.5	3860493.11	1.04E-04	1.27E-04	1.11E-04	3.59E-08	1.09E-07	6.28E-08	7.69E-08	6.97E-08	3.18E-08	2.79E-08	1.20E-09	2.90E-08	6.40E-09	1.04E-08	1.66E-08	2.92E-09	1.46E-08	8.12E-08
2597	493230.5	3860493.11	1.04E-04	1.27E-04	1.12E-04	3.60E-08	1.09E-07	6.30E-08	7.71E-08	6.99E-08	3.19E-08	2.80E-08	1.20E-09	2.91E-08	6.41E-09	1.05E-08	1.66E-08	2.93E-09	1.47E-08	8.14E-08
2598	493280.5	3860493.11	1.04E-04	1.28E-04	1.12E-04	3.61E-08	1.09E-07	6.31E-08	7.73E-08	7.01E-08	3.20E-08	2.80E-08	1.21E-09	2.91E-08	6.43E-09	1.05E-08	1.67E-08	2.93E-09	1.47E-08	8.16E-08
2599	493330.5	3860493.11	1.04E-04	1.28E-04	1.12E-04	3.62E-08	1.09E-07	6.32E-08	7.74E-08	7.02E-08	3.20E-08	2.81E-08	1.21E-09	2.92E-08	6.44E-09	1.05E-08	1.67E-08	2.94E-09	1.47E-08	8.16E-08
2600	493380.5	3860493.11	1.04E-04	1.28E-04	1.12E-04	3.61E-08	1.09E-07	6.31E-08	7.73E-08	7.01E-08	3.20E-08	2.80E-08	1.21E-09	2.91E-08	6.43E-09	1.05E-08	1.67E-08	2.94E-09	1.47E-08	8.16E-08
2601	493330.5	3860543.11	1.02E-04	1.24E-04	1.09E-04	3.52E-08	1.06E-07	6.16E-08	7.54E-08	6.83E-08	3.12E-08	2.73E-08	1.18E-09	2.84E-08	6.27E-09	1.02E-08	1.62E-08	2.86E-09	1.43E-08	7.95E-08
2602	493380.5	3860543.11	1.02E-04	1.24E-04	1.09E-04	3.52E-08	1.06E-07	6.15E-08	7.53E-08	6.83E-08	3.12E-08	2.73E-08	1.18E-09	2.84E-08	6.26E-09	1.02E-08	1.62E-08	2.86E-09	1.43E-08	7.95E-08
2603	494135.94	3860876.85	8.59E-05	1.05E-04	9.22E-05	2.98E-08	8.99E-08	5.20E-08	6.37E-08	5.77E-08	2.63E-08	2.31E-08	9.94E-10	2.40E-08	5.30E-09	8.65E-09	1.37E-08	2.42E-09	1.21E-08	6.72E-08
2604	494185.94	3860876.85	8.59E-05	1.05E-04	9.22E-05	2.98E-08	8.99E-08	5.20E-08	6.37E-08	5.77E-08	2.63E-08	2.31E-08	9.94E-10	2.40E-08	5.30E-09	8.65E-09	1.37E-08	2.42E-09	1.21E-08	6.72E-08
2605	494135.94	3860926.85	8.38E-05	1.03E-04	8.99E-05	2.90E-08	8.77E-08	5.08E-08	6.22E-08	5.64E-08	2.57E-08	2.25E-08	9.70E-10	2.34E-08	5.17E-09	8.44E-09	1.34E-08	2.36E-09	1.18E-08	6.56E-08
2606	494185.94	3860926.85	8.39E-05	1.03E-04	9.00E-05	2.91E-08	8.77E-08	5.08E-08	6.22E-08	5.64E-08	2.57E-08	2.26E-08	9.70E-10	2.34E-08	5.17E-09	8.45E-09	1.34E-08	2.36E-09	1.18E-08	6.56E-08
2607	494135.94	3860976.85	8.18E-05	1.00E-04	8.78E-05	2.84E-08	8.56E-08	4.96E-08	6.07E-08	5.50E-08	2.51E-08	2.20E-08	9.47E-10	2.29E-08	5.05E-09	8.24E-09	1.31E-08	2.30E-09	1.15E-08	6.40E-08
2608	494185.94	3860976.85	8.19E-05	1.00E-04	8.79E-05	2.84E-08	8.57E-08	4.96E-08	6.07E-08	5.51E-08	2.51E-08	2.20E-08	9.47E-10	2.29E-08	5.05E-09	8.25E-09	1.31E-08	2.31E-09	1.16E-08	6.41E-08
2609	494135.94	3861026.85	7.98E-05	9.78E-05	8.57E-05	2.77E-08	8.35E-08	4.83E-08	5.92E-08	5.37E-08	2.45E-08	2.15E-08	9.24E-10	2.23E-08	4.92E-09	8.04E-09	1.28E-08	2.25E-09	1.13E-08	6.25E-08
2610	494185.94	3861026.85	7.99E-05	9.79E-05	8.58E-05	2.77E-08	8.36E-08	4.84E-08	5.93E-08	5.37E-08	2.45E-08	2.15E-08	9.25E-10	2.23E-08	4.93E-09	8.05E-09	1.28E-08	2.25E-09	1.13E-08	6.25E-08
2611	494135.94	3861076.85	7.79E-05	9.54E-05	8.36E-05	2.70E-08	8.15E-08	4.72E-08	5.78E-08	5.24E-08	2.39E-08	2.10E-08	9.02E-10	2.18E-08	4.81E-09	7.85E-09	1.24E-08	2.19E-09	1.10E-08	6.10E-08
2612	494185.94	3861076.85	7.80E-05	9.55E-05	8.37E-05	2.70E-08	8.16E-08	4.72E-08	5.79E-08	5.25E-08	2.39E-08	2.10E-08	9.03E-10	2.18E-08	4.81E-09	7.86E-09	1.25E-08	2.20E-09	1.10E-08	6.10E-08
2613	490360.04	3858710.04	4.22E-04	5.17E-04	4.54E-04	1.46E-07	4.42E-07	2.56E-07	3.13E-07	2.84E-07	1.30E-07	1.14E-07	4.89E-09	1.18E-07	2.60E-08	4.25E-08	6.75E-08	1.19E-08	5.97E-08	3.31E-07
2614	490410.04	3858710.04	4.15E-04	5.08E-04	4.46E-04	1.44E-07	4.34E-07	2.51E-07	3.08E-07	2.79E-07	1.27E-07	1.12E-07	4.80E-09	1.16E-07	2.56E-08	4.18E-08	6.63E-08	1.17E-08	5.86E-08	3.25E-07
2615	490460.04	3858710.04	4.07E-04	4.99E-04	4.38E-04	1.41E-07	4.26E-07	2.47E-07	3.02E-07	2.74E-07	1.25E-07	1.10E-07	4.71E-09	1.14E-07	2.51E-08	4.10E-08	6.51E-08	1.15E-08	5.75E-08	3.19E-07
2616	490510.04	3858710.04	4.00E-04	4.90E-04	4.30E-04	1.39E-07	4.19E-07	2.42E-07	2.97E-07	2.69E-07	1.23E-07	1.08E-07	4.63E-09	1.12E-07	2.47E-08	4.03E-08	6.40E-08	1.13E-08	5.66E-08	3.13E-07
2617	490560.04	3858710.04	3.94E-04	4.82E-04	4.23E-04	1.36E-07	4.12E-07	2.39E-07	2.92E-07	2.65E-07	1.21E-07	1.06E-07	4.56E-09	1.10E-07	2.43E-08	3.97E-08	6.29E-08	1.11E-08	5.56E-08	3.08E-07
2618	490610.04	3858710.04	3.88E-04	4.75E-04	4.16E-04	1.34E-07	4.06E-07	2.35E-07	2.88E-07	2.61E-07	1.19E-07	1.04E-07	4.48E-09	1.08E-07	2.39E-08	3.90E-08	6.19E-08	1.09E-08	5.48E-08	3.03E-07
2619	490660.04	3858710.04	3.82E-04	4.68E-04	4.10E-04	1.32E-07	4.00E-07	2.31E-07	2.83E-07	2.57E-07	1.17E-07	1.03E-07	4.42E-09	1.07E-07	2.36E-08	3.85E-08	6.11E-08	1.08E-08	5.40E-08	2.99E-07
2620	490710.04	3858710.04	3.76E-04	4.60E-04	4.04E-04	1.30E-07	3.93E-07	2.28E-07	2.79E-07	2.53E-07	1.15E-07	1.01E-07	4.35E-09	1.05E-07	2.32E-08	3.79E-08	6.01E-08	1.06E-08	5.31E-08	2.94E-07
2621	490760.04	3858710.04	3.70E-04	4.53E-04	3.97E-04	1.28E-07	3.87E-07	2.24E-07	2.74E-07	2.49E-07	1.14E-07	9.96E-08	4.28E-09	1.03E-07	2.28E-08	3.73E-08	5.91E-08	1.04E-08	5.23E-08	2.90E-07
2622	490810.04	3858710.04	3.64E-04	4.46E-04	3.91E-04	1.26E-07	3.81E-07	2.21E-07	2.70E-07	2.45E-07	1.12E-07	9.80E-08	4.21E-09	1.02E-07	2.25E-08	3.67E-08	5.82E-08	1.03E-08	5.14E-08	2.85E-07
2623	490860.04	3858710.04	3.58E-04	4.39E-04	3.85E-04	1.24E-07	3.75E-07	2.17E-07	2.66E-07	2.41E-07	1.10E-07	9.64E-08	4.15E-09	1.00E-07	2.21E-08	3.61E-08	5.72E-08	1.01E-08	5.06E-08	2.80E-07
2624	490360.04	3858760.04	4.08E-04	4.99E-04	4.38E-04	1.41E-07	4.27E-07	2.47E-07	3.03E-07	2.74E-07	1.25E-07	1.10E-07	4.72E-09	1.14E-07	2.52E-08	4.11E-08	6.52E-08	1.15E-08	5.76E-08	3.19E-07
2625	490410.04	3858760.04	4.01E-04	4.91E-04	4.31E-04	1.39E-07	4.19E-07	2.43E-07	2.97E-07	2.69E-07	1.23E-07	1.08E-07	4.64E-09	1.12E-07	2.47E-08	4.04E-08	6.40E-08	1.13E-08	5.66E-08	3.14E-07
2626	490460.04	3858760.04	3.94E-04	4.82E-04	4.23E-04	1.36E-07	4.12E-07	2.38E-07	2.92E-07	2.65E-07	1.21E-07	1.06E-07	4.55E-09	1.10E-07	2.43E-08	3.97E-08	6.29E-08	1.11E-08	5.56E-08	3.08E-07
2627	490510.04	3858760.04	3.87E-04	4.74E-04	4.15E-04	1.34E-07	4.05E-07	2.34E-07	2.87E-07	2.60E-07	1.19E-07	1.04E-07	4.47E-09	1.08E-07	2.38E-08	3.90E-08	6.18E-08	1.09E-08	5.46E-08	3.03E-07
2628	490560.04	3858760.04	3.80E-04	4.66E-04	4.09E-04	1.32E-07	3.98E-07	2.30E-07	2.82E-07	2.56E-07	1.17E-07	1.02E-07	4.40E-09	1.06E-07	2.35E-08	3.83E-08	6.08E-08	1.07E-08	5.37E-08	2.98E-07
2629	490610.04	3858760.04	3.74E-04	4.58E-04	4.02E-04	1.30E-07	3.91E-07	2.27E-07	2.78E-07	2.52E-07	1.15E-07	1.01E-07	4.33E-09	1.05E-07	2.31E-08	3.77E-08	5.98E-08	1.05E-08	5.29E-08	2.93E-07
2630	490660.04	3858760.04	3.68E-04	4.51E-04	3.96E-04	1.28E-07	3.85E-07	2.23E-07	2.73E-07	2.48E-07	1.13E-07	9.91E-08	4.26E-09	1.03E-07	2.27E-08	3.71E-08	5.88E-08	1.04E-08	5.20E-08	2.88E-07
2631	490710.04	3858760.04	3.63E-04	4.44E-04	3.89E-04	1.26E-07	3.79E-07	2.20E-07	2.69E-07	2.44E-07	1.11E-07	9.76E-08	4.20E-09	1.01E-07	2.24E-08	3.65E-08	5.79E-08	1.02E-08	5.12E-08	2.84E-07
2632	490760.04	3858760.04	3.57E-04	4.37E-04	3.83E-04	1.24E-07	3.73E-07	2.16E-07	2.65E-07	2.40E-07	1.09E-07	9.60E-08	4.13E-09	9.97E-08	2.20E-08	3.59E-08	5.70E-08	1.00E-08	5.04E-08	2.79E-07
2633	490810.04	3858760.04	3.51E-04	4.30E-04	3.77E-04	1.22E-07	3.67E-07	2.13E-07	2.61E-07	2.36E-07	1.08E-07	9.45E-08	4.06E-09	9.81E-08	2.17E-08	3.54E-08	5.61E-08	9.89E-09	4.96E-08	2.75E-07

2634	490860.04	3858760.04	3.46E-04	4.24E-04	3.72E-04	1.20E-07	3.62E-07	2.10E-07	2.57E-07	2.33E-07	1.06E-07	9.31E-08	4.00E-09	9.67E-08	2.13E-08	3.49E-08	5.53E-08	9.74E-09	4.89E-08	2.71E-07
2635	490360.04	3858810.04	3.92E-04	4.81E-04	4.22E-04	1.36E-07	4.10E-07	2.38E-07	2.91E-07	2.64E-07	1.20E-07	1.06E-07	4.54E-09	1.10E-07	2.42E-08	3.95E-08	6.27E-08	1.10E-08	5.54E-08	3.07E-07
2636	490410.04	3858810.04	3.86E-04	4.72E-04	4.14E-04	1.34E-07	4.03E-07	2.34E-07	2.86E-07	2.59E-07	1.18E-07	1.04E-07	4.46E-09	1.08E-07	2.38E-08	3.88E-08	6.16E-08	1.09E-08	5.45E-08	3.02E-07
2637	490460.04	3858810.04	3.79E-04	4.64E-04	4.07E-04	1.31E-07	3.96E-07	2.30E-07	2.81E-07	2.55E-07	1.16E-07	1.02E-07	4.38E-09	1.06E-07	2.34E-08	3.82E-08	6.06E-08	1.07E-08	5.35E-08	2.97E-07
2638	490510.04	3858810.04	3.73E-04	4.57E-04	4.01E-04	1.29E-07	3.90E-07	2.26E-07	2.77E-07	2.51E-07	1.14E-07	1.00E-07	4.32E-09	1.04E-07	2.30E-08	3.76E-08	5.96E-08	1.05E-08	5.27E-08	2.92E-07
2639	490560.04	3858810.04	3.67E-04	4.50E-04	3.94E-04	1.27E-07	3.84E-07	2.22E-07	2.72E-07	2.47E-07	1.13E-07	9.88E-08	4.25E-09	1.03E-07	2.26E-08	3.70E-08	5.86E-08	1.03E-08	5.19E-08	2.87E-07
2640	490610.04	3858810.04	3.61E-04	4.42E-04	3.88E-04	1.25E-07	3.77E-07	2.19E-07	2.68E-07	2.43E-07	1.11E-07	9.71E-08	4.17E-09	1.01E-07	2.23E-08	3.63E-08	5.76E-08	1.02E-08	5.10E-08	2.82E-07
2641	490660.04	3858810.04	3.55E-04	4.35E-04	3.81E-04	1.23E-07	3.72E-07	2.15E-07	2.63E-07	2.39E-07	1.09E-07	9.56E-08	4.11E-09	9.92E-08	2.19E-08	3.58E-08	5.67E-08	1.00E-08	5.02E-08	2.78E-07
2642	490710.04	3858810.04	3.49E-04	4.28E-04	3.75E-04	1.21E-07	3.66E-07	2.12E-07	2.59E-07	2.35E-07	1.07E-07	9.40E-08	4.04E-09	9.77E-08	2.15E-08	3.52E-08	5.58E-08	9.84E-09	4.93E-08	2.73E-07
2643	490760.04	3858810.04	3.43E-04	4.20E-04	3.69E-04	1.19E-07	3.59E-07	2.08E-07	2.55E-07	2.31E-07	1.05E-07	9.24E-08	3.97E-09	9.59E-08	2.12E-08	3.46E-08	5.48E-08	9.67E-09	4.85E-08	2.69E-07
2644	490810.04	3858810.04	3.39E-04	4.15E-04	3.64E-04	1.17E-07	3.55E-07	2.05E-07	2.51E-07	2.28E-07	1.04E-07	9.12E-08	3.92E-09	9.47E-08	2.09E-08	3.41E-08	5.41E-08	9.54E-09	4.79E-08	2.65E-07
2645	490860.04	3858810.04	3.33E-04	4.08E-04	3.58E-04	1.16E-07	3.49E-07	2.02E-07	2.47E-07	2.24E-07	1.02E-07	8.98E-08	3.86E-09	9.32E-08	2.06E-08	3.36E-08	5.33E-08	9.39E-09	4.71E-08	2.61E-07
2646	490360.04	3858860.04	3.76E-04	4.61E-04	4.04E-04	1.30E-07	3.93E-07	2.28E-07	2.79E-07	2.53E-07	1.15E-07	1.01E-07	4.35E-09	1.05E-07	2.32E-08	3.79E-08	6.01E-08	1.06E-08	5.31E-08	2.94E-07
2647	490410.04	3858860.04	3.70E-04	4.54E-04	3.98E-04	1.28E-07	3.88E-07	2.24E-07	2.75E-07	2.49E-07	1.14E-07	9.97E-08	4.29E-09	1.04E-07	2.28E-08	3.73E-08	5.92E-08	1.04E-08	5.23E-08	2.90E-07
2648	490460.04	3858860.04	3.64E-04	4.46E-04	3.91E-04	1.26E-07	3.81E-07	2.21E-07	2.70E-07	2.45E-07	1.12E-07	9.80E-08	4.21E-09	1.02E-07	2.25E-08	3.67E-08	5.82E-08	1.03E-08	5.14E-08	2.85E-07
2649	490510.04	3858860.04	3.59E-04	4.40E-04	3.86E-04	1.24E-07	3.76E-07	2.17E-07	2.66E-07	2.41E-07	1.10E-07	9.66E-08	4.15E-09	1.00E-07	2.21E-08	3.62E-08	5.74E-08	1.01E-08	5.07E-08	2.81E-07
2650	490560.04	3858860.04	3.53E-04	4.33E-04	3.79E-04	1.22E-07	3.70E-07	2.14E-07	2.62E-07	2.38E-07	1.08E-07	9.51E-08	4.09E-09	9.87E-08	2.18E-08	3.56E-08	5.64E-08	9.95E-09	4.99E-08	2.76E-07
2651	490610.04	3858860.04	3.47E-04	4.25E-04	3.73E-04	1.20E-07	3.63E-07	2.10E-07	2.57E-07	2.33E-07	1.06E-07	9.33E-08	4.01E-09	9.69E-08	2.14E-08	3.49E-08	5.54E-08	9.77E-09	4.90E-08	2.71E-07
2652	490660.04	3858860.04	3.42E-04	4.18E-04	3.67E-04	1.18E-07	3.57E-07	2.07E-07	2.53E-07	2.30E-07	1.05E-07	9.19E-08	3.95E-09	9.55E-08	2.11E-08	3.44E-08	5.46E-08	9.62E-09	4.83E-08	2.67E-07
2653	490710.04	3858860.04	3.37E-04	4.13E-04	3.62E-04	1.17E-07	3.53E-07	2.04E-07	2.50E-07	2.27E-07	1.03E-07	9.07E-08	3.90E-09	9.42E-08	2.08E-08	3.39E-08	5.38E-08	9.49E-09	4.76E-08	2.64E-07
2654	490760.04	3858860.04	3.31E-04	4.06E-04	3.56E-04	1.15E-07	3.47E-07	2.01E-07	2.46E-07	2.23E-07	1.02E-07	8.92E-08	3.83E-09	9.26E-08	2.04E-08	3.34E-08	5.29E-08	9.33E-09	4.68E-08	2.59E-07
2655	490810.04	3858860.04	3.26E-04	3.99E-04	3.50E-04	1.13E-07	3.41E-07	1.97E-07	2.42E-07	2.19E-07	1.00E-07	8.77E-08	3.77E-09	9.11E-08	2.01E-08	3.28E-08	5.21E-08	9.18E-09	4.60E-08	2.55E-07
2656	490860.04	3858860.04	3.21E-04	3.93E-04	3.44E-04	1.11E-07	3.35E-07	1.94E-07	2.38E-07	2.16E-07	9.84E-08	8.63E-08	3.71E-09	8.96E-08	1.98E-08	3.23E-08	5.12E-08	9.03E-09	4.53E-08	2.51E-07
2657	490360.04	3858910.04	3.61E-04	4.42E-04	3.88E-04	1.25E-07	3.77E-07	2.19E-07	2.68E-07	2.43E-07	1.11E-07	9.71E-08	4.17E-09	1.01E-07	2.23E-08	3.63E-08	5.77E-08	1.02E-08	5.10E-08	2.82E-07
2658	490410.04	3858910.04	3.55E-04	4.35E-04	3.82E-04	1.23E-07	3.72E-07	2.15E-07	2.64E-07	2.39E-07	1.09E-07	9.57E-08	4.11E-09	9.93E-08	2.19E-08	3.58E-08	5.68E-08	1.00E-08	5.02E-08	2.78E-07
2659	490460.04	3858910.04	3.50E-04	4.28E-04	3.76E-04	1.21E-07	3.66E-07	2.12E-07	2.60E-07	2.35E-07	1.07E-07	9.42E-08	4.05E-09	9.78E-08	2.16E-08	3.52E-08	5.59E-08	9.85E-09	4.94E-08	2.74E-07
2660	490510.04	3858910.04	3.44E-04	4.22E-04	3.70E-04	1.19E-07	3.60E-07	2.09E-07	2.55E-07	2.32E-07	1.06E-07	9.27E-08	3.98E-09	9.62E-08	2.12E-08	3.47E-08	5.50E-08	9.70E-09	4.86E-08	2.69E-07
2661	490560.04	3858910.04	3.39E-04	4.15E-04	3.64E-04	1.17E-07	3.54E-07	2.05E-07	2.51E-07	2.28E-07	1.04E-07	9.12E-08	3.92E-09	9.47E-08	2.09E-08	3.41E-08	5.41E-08	9.54E-09	4.79E-08	2.65E-07
2662	490610.04	3858910.04	3.33E-04	4.08E-04	3.58E-04	1.15E-07	3.49E-07	2.02E-07	2.47E-07	2.24E-07	1.02E-07	8.97E-08	3.86E-09	9.31E-08	2.05E-08	3.36E-08	5.32E-08	9.38E-09	4.71E-08	2.61E-07
2663	490660.04	3858910.04	3.28E-04	4.02E-04	3.53E-04	1.14E-07	3.43E-07	1.99E-07	2.44E-07	2.21E-07	1.01E-07	8.84E-08	3.80E-09	9.18E-08	2.02E-08	3.31E-08	5.25E-08	9.24E-09	4.64E-08	2.57E-07
2664	490710.04	3858910.04	3.23E-04	3.96E-04	3.47E-04	1.12E-07	3.38E-07	1.96E-07	2.40E-07	2.17E-07	9.92E-08	8.70E-08	3.74E-09	9.03E-08	1.99E-08	3.25E-08	5.16E-08	9.10E-09	4.56E-08	2.53E-07
2665	490760.04	3858910.04	3.18E-04	3.89E-04	3.41E-04	1.10E-07	3.32E-07	1.92E-07	2.36E-07	2.14E-07	9.75E-08	8.55E-08	3.68E-09	8.88E-08	1.96E-08	3.20E-08	5.08E-08	8.95E-09	4.49E-08	2.49E-07
2666	490810.04	3858910.04	3.13E-04	3.83E-04	3.36E-04	1.09E-07	3.28E-07	1.90E-07	2.32E-07	2.11E-07	9.61E-08	8.43E-08	3.62E-09	8.75E-08	1.93E-08	3.15E-08	5.00E-08	8.82E-09	4.42E-08	2.45E-07
2667	490860.04	3858910.04	3.08E-04	3.77E-04	3.30E-04	1.07E-07	3.22E-07	1.86E-07	2.28E-07	2.07E-07	9.44E-08	8.28E-08	3.56E-09	8.60E-08	1.90E-08	3.10E-08	4.92E-08	8.67E-09	4.35E-08	2.41E-07
2668	490360.04	3858960.04	3.45E-04	4.22E-04	3.70E-04	1.19E-07	3.61E-07	2.09E-07	2.56E-07	2.32E-07	1.06E-07	9.28E-08	3.99E-09	9.64E-08	2.13E-08	3.47E-08	5.51E-08	9.71E-09	4.87E-08	2.70E-07
2669	490410.04	3858960.04	3.40E-04	4.16E-04	3.65E-04	1.18E-07	3.55E-07	2.06E-07	2.52E-07	2.28E-07	1.04E-07	9.14E-08	3.93E-09	9.49E-08	2.09E-08	3.42E-08	5.43E-08	9.56E-09	4.80E-08	2.66E-07
2670	490460.04	3858960.04	3.34E-04	4.09E-04	3.59E-04	1.16E-07	3.50E-07	2.02E-07	2.48E-07	2.25E-07	1.03E-07	9.00E-08	3.87E-09	9.34E-08	2.06E-08	3.37E-08	5.34E-08	9.41E-09	4.72E-08	2.62E-07
2671	490510.04	3858960.04	3.29E-04	4.03E-04	3.54E-04	1.14E-07	3.45E-07	1.99E-07	2.44E-07	2.21E-07	1.01E-07	8.86E-08	3.81E-09	9.20E-08	2.03E-08	3.32E-08	5.26E-08	9.27E-09	4.65E-08	2.58E-07
2672	490560.04	3858960.04	3.24E-04	3.97E-04	3.49E-04	1.12E-07	3.39E-07	1.97E-07	2.41E-07	2.18E-07	9.96E-08	8.73E-08	3.75E-09	9.07E-08	2.00E-08	3.27E-08	5.18E-08	9.14E-09	4.58E-08	2.54E-07
2673	490610.04	3858960.04	3.19E-04	3.91E-04	3.43E-04	1.11E-07	3.34E-07	1.93E-07	2.37E-07	2.14E-07	9.79E-08	8.58E-08	3.69E-09	8.91E-08	1.97E-08	3.21E-08	5.10E-08	8.98E-09	4.50E-08	2.50E-07
2674	490660.04	3858960.04	3.15E-04	3.86E-04	3.38E-04	1.09E-07	3.30E-07	1.91E-07	2.34E-07	2.12E-07	9.67E-08	8.48E-08	3.65E-09	8.81E-08	1.94E-08	3.17E-08	5.04E-08	8.87E-09	4.45E-08	2.47E-07
2675	490710.04	3858960.04	3.10E-04	3.80E-04	3.33E-04	1.07E-07	3.24E-07	1.88E-07	2.30E-07	2.08E-07	9.51E-08	8.34E-08	3.59E-09	8.66E-08	1.91E-08	3.12E-08	4.95E-08	8.73E-09	4.38E-08	2.43E-07
2676	490760.04	3858960.04	3.05E-04	3.74E-04	3.28E-04	1.06E-07	3.19E-07	1.85E-07	2.26E-07	2.05E-07	9.36E-08	8.21E-08	3.53E-09	8.53E-08	1.88E-08	3.07E-08	4.87E-08	8.59E-09	4.31E-08	2.39E-07
2677	490810.04	3858960.04	3.00E-04	3.68E-04	3.22E-04	1.04E-07	3.14E-07	1.82E-07	2.23E-07	2.02E-07	9.21E-08	8.08E-08	3.47E-09	8.39E-08	1.85E-08	3.02E-08	4.80E-08	8.45E-09	4.24E-08	2.35E-07
2678	490860.04	3858960.04	2.95E-04	3.61E-04	3.17E-04	1.02E-07	3.09E-07	1.79E-07	2.19E-07	1.98E-07	9.05E-08	7.94E-08	3.41E-09	8.24E-08	1.82E-08	2.97E-08	4.71E-08	8.31E-09	4.16E-08	2.31E-07
2679	490360.04	3859010.04	3.29E-04	4.03E-04	3.53E-04	1.14E-07	3.44E-07	1.99E-07	2.44E-07	2.21E-07	1.01E-07	8.85E-08	3.80E-09	9.19E-08	2.03E-08	3.31E-08	5.25E-08	9.26E-09	4.65E-08	2.57E-07
2680	490410.04	3859010.04	3.24E-04	3.97E-04	3.48E-04	1.12E-07	3.39E-07	1.96E-07	2.40E-07	2.18E-07	9.94E-08	8.72E-08	3.75E-09	9.06E-08	2.00E-08	3.26E-08	5.18E-08	9.12E-09	4.58E-08	2.54E-07
2681	490460.04	3859010.04	3.19E-04	3.90E-04	3.42E-04	1.10E-07	3.33E-07	1.93E-07	2.36E-07	2.14E-07	9.78E-08	8.58E-08	3.69E-09	8.91E-08	1.97E-08	3.21E-08	5.09E-08	8.98E-09	4.50E-08	2.49E-07
2682	490510.04	3859010.04	3.13E-04	3.84E-04	3.37E-04	1.09E-07	3.28E-07	1.90E-07	2.33E-07	2.11E-07	9.62E-08	8.44E-08	3.63E-09	8.76E-08	1.93E-08	3.16E-08	5.01E-08	8.83E-09	4.43E-08	2.45E-07
2683	490560.04	3859010.04	3.10E-04	3.79E-04	3.33E-04	1.07E-07	3.24E-07	1.88E-07	2.30E-07	2.08E-07	9.50E-08	8.34E-08	3.58E-09	8.66E-08	1.91E-08	3.12E-08	4.95E-08	8.72E-09	4.38E-08	2.42E-07
2684	490610.04	3859010.04	3.05E-04	3.73E-04	3.27E-04	1.06E-07	3.19E-07	1.85E-07	2.26E-07	2.05E-07	9.35E-08	8.20E-08	3.53E-09	8.52E-08	1.88E-08	3.07E-08	4.87E-08	8.58E-09	4.30E-08	2.38E-07
2685	490660.04	3859010.04	3.01E-04	3.69E-04	3.24E-04	1.04E-07	3.15E-07	1.83E-07	2.24E-07	2.03E-07	9.25E-08	8.11E-08	3.49E-09	8.43E-08	1.86E-08	3.04E-08	4.82E-08	8.49E-09	4.26E-08	2.36E-07
2686	490710.04	3859010.04	2.96E-04	3.63E-04	3.18E-04	1.03E-07	3.10E-07	1.80E-07	2.20E-07	1.99E-07	9.10E-08	7.98E-08	3.43E-09	8.29E-08	1.83E-08	2.99E-08	4.74E-08	8.35E-09	4.19E-08	2.32E-07
2687	490760.04	3859010.04	2.92E-04	3.57E-04	3.13E-04	1.01E-07	3.05E-07	1.77E-07	2.16E-07	1.96E-07	8.95E-08	7.85E-08	3.38E-09	8.16E-08	1.80E-08	2.94E-08	4.66E-08	8.22E-09	4.12E-08	2.28E-07
2688	490810.04	3859010.04	2.87E-04	3.52E-04	3.08E-04	9.95E-08	3.00E-07	1.74E-07	2.13E-07	1.93E-07	8.81E-08	7.72E-08	3.32E-09	8.02E-08	1.77E-08	2.89E-08	4.59E-08	8.08E-09	4.05E-08	2.25E-07

2689	490860.04	3859010.04	2.83E-04	3.46E-04	3.04E-04	9.80E-08	2.96E-07	1.71E-07	2.10E-07	1.90E-07	8.68E-08	7.61E-08	3.27E-09	7.90E-08	1.74E-08	2.85E-08	4.52E-08	7.96E-09	3.99E-08	2.21E-07
2690	490360.04	3859060.04	3.13E-04	3.83E-04	3.36E-04	1.08E-07	3.27E-07	1.89E-07	2.32E-07	2.10E-07	9.60E-08	8.42E-08	3.62E-09	8.74E-08	1.93E-08	3.15E-08	5.00E-08	8.81E-09	4.42E-08	2.45E-07
2691	490410.04	3859060.04	3.08E-04	3.77E-04	3.31E-04	1.07E-07	3.22E-07	1.86E-07	2.28E-07	2.07E-07	9.45E-08	8.29E-08	3.56E-09	8.60E-08	1.90E-08	3.10E-08	4.92E-08	8.67E-09	4.35E-08	2.41E-07
2692	490460.04	3859060.04	3.03E-04	3.71E-04	3.26E-04	1.05E-07	3.17E-07	1.84E-07	2.25E-07	2.04E-07	9.31E-08	8.16E-08	3.51E-09	8.48E-08	1.87E-08	3.06E-08	4.85E-08	8.54E-09	4.28E-08	2.37E-07
2693	490510.04	3859060.04	2.99E-04	3.66E-04	3.21E-04	1.04E-07	3.13E-07	1.81E-07	2.22E-07	2.01E-07	9.18E-08	8.05E-08	3.46E-09	8.36E-08	1.84E-08	3.01E-08	4.78E-08	8.42E-09	4.23E-08	2.34E-07
2694	490560.04	3859060.04	2.94E-04	3.61E-04	3.16E-04	1.02E-07	3.08E-07	1.78E-07	2.18E-07	1.98E-07	9.04E-08	7.92E-08	3.41E-09	8.23E-08	1.82E-08	2.97E-08	4.70E-08	8.29E-09	4.16E-08	2.30E-07
2695	490610.04	3859060.04	2.91E-04	3.56E-04	3.12E-04	1.01E-07	3.04E-07	1.76E-07	2.16E-07	1.96E-07	8.93E-08	7.83E-08	3.37E-09	8.13E-08	1.79E-08	2.93E-08	4.65E-08	8.19E-09	4.11E-08	2.28E-07
2696	490660.04	3859060.04	2.87E-04	3.52E-04	3.09E-04	9.96E-08	3.01E-07	1.74E-07	2.13E-07	1.93E-07	8.82E-08	7.74E-08	3.33E-09	8.04E-08	1.77E-08	2.90E-08	4.59E-08	8.10E-09	4.06E-08	2.25E-07
2697	490710.04	3859060.04	2.83E-04	3.46E-04	3.04E-04	9.80E-08	2.96E-07	1.71E-07	2.10E-07	1.90E-07	8.68E-08	7.61E-08	3.27E-09	7.90E-08	1.74E-08	2.85E-08	4.52E-08	7.96E-09	3.99E-08	2.21E-07
2698	490760.04	3859060.04	2.78E-04	3.41E-04	2.99E-04	9.65E-08	2.91E-07	1.69E-07	2.07E-07	1.87E-07	8.54E-08	7.49E-08	3.22E-09	7.78E-08	1.72E-08	2.80E-08	4.45E-08	7.84E-09	3.93E-08	2.18E-07
2699	490810.04	3859060.04	2.74E-04	3.36E-04	2.94E-04	9.49E-08	2.87E-07	1.66E-07	2.03E-07	1.84E-07	8.41E-08	7.37E-08	3.17E-09	7.66E-08	1.69E-08	2.76E-08	4.38E-08	7.72E-09	3.87E-08	2.14E-07
2700	490860.04	3859060.04	2.70E-04	3.30E-04	2.90E-04	9.35E-08	2.82E-07	1.63E-07	2.00E-07	1.81E-07	8.28E-08	7.26E-08	3.12E-09	7.54E-08	1.66E-08	2.72E-08	4.31E-08	7.60E-09	3.81E-08	2.11E-07
2701	490360.04	3859110.04	2.98E-04	3.65E-04	3.20E-04	1.03E-07	3.11E-07	1.80E-07	2.21E-07	2.00E-07	9.13E-08	8.01E-08	3.44E-09	8.32E-08	1.84E-08	3.00E-08	4.76E-08	8.38E-09	4.21E-08	2.33E-07
2702	490410.04	3859110.04	2.93E-04	3.59E-04	3.15E-04	1.02E-07	3.07E-07	1.78E-07	2.18E-07	1.97E-07	9.00E-08	7.89E-08	3.39E-09	8.20E-08	1.81E-08	2.95E-08	4.69E-08	8.26E-09	4.14E-08	2.30E-07
2703	490460.04	3859110.04	2.90E-04	3.55E-04	3.11E-04	1.00E-07	3.03E-07	1.75E-07	2.15E-07	1.95E-07	8.89E-08	7.80E-08	3.35E-09	8.10E-08	1.79E-08	2.92E-08	4.63E-08	8.16E-09	4.09E-08	2.27E-07
2704	490510.04	3859110.04	2.84E-04	3.48E-04	3.05E-04	9.85E-08	2.97E-07	1.72E-07	2.11E-07	1.91E-07	8.72E-08	7.65E-08	3.29E-09	7.95E-08	1.75E-08	2.86E-08	4.54E-08	8.01E-09	4.02E-08	2.23E-07
2705	490560.04	3859110.04	2.80E-04	3.44E-04	3.01E-04	9.72E-08	2.93E-07	1.70E-07	2.08E-07	1.89E-07	8.61E-08	7.55E-08	3.25E-09	7.84E-08	1.73E-08	2.83E-08	4.48E-08	7.90E-09	3.96E-08	2.20E-07
2706	490610.04	3859110.04	2.76E-04	3.38E-04	2.97E-04	9.58E-08	2.89E-07	1.67E-07	2.05E-07	1.86E-07	8.48E-08	7.44E-08	3.20E-09	7.73E-08	1.70E-08	2.78E-08	4.42E-08	7.78E-09	3.90E-08	2.16E-07
2707	490660.04	3859110.04	2.72E-04	3.33E-04	2.92E-04	9.42E-08	2.84E-07	1.65E-07	2.02E-07	1.83E-07	8.34E-08	7.32E-08	3.15E-09	7.60E-08	1.68E-08	2.74E-08	4.34E-08	7.66E-09	3.84E-08	2.13E-07
2708	490710.04	3859110.04	2.69E-04	3.29E-04	2.89E-04	9.31E-08	2.81E-07	1.63E-07	1.99E-07	1.81E-07	8.25E-08	7.23E-08	3.11E-09	7.51E-08	1.66E-08	2.71E-08	4.29E-08	7.57E-09	3.79E-08	2.10E-07
2709	490760.04	3859110.04	2.65E-04	3.25E-04	2.85E-04	9.18E-08	2.77E-07	1.60E-07	1.97E-07	1.78E-07	8.13E-08	7.13E-08	3.07E-09	7.41E-08	1.63E-08	2.67E-08	4.23E-08	7.46E-09	3.74E-08	2.07E-07
2710	490810.04	3859110.04	2.61E-04	3.19E-04	2.80E-04	9.03E-08	2.73E-07	1.58E-07	1.93E-07	1.75E-07	8.00E-08	7.01E-08	3.02E-09	7.28E-08	1.61E-08	2.62E-08	4.16E-08	7.34E-09	3.68E-08	2.04E-07
2711	490860.04	3859110.04	2.56E-04	3.14E-04	2.75E-04	8.88E-08	2.68E-07	1.55E-07	1.90E-07	1.72E-07	7.87E-08	6.90E-08	2.97E-09	7.17E-08	1.58E-08	2.58E-08	4.10E-08	7.22E-09	3.62E-08	2.01E-07
2712	490360.04	3859160.04	2.83E-04	3.47E-04	3.04E-04	9.81E-08	2.96E-07	1.71E-07	2.10E-07	1.90E-07	8.69E-08	7.62E-08	3.28E-09	7.91E-08	1.75E-08	2.85E-08	4.52E-08	7.97E-09	4.00E-08	2.22E-07
2713	490410.04	3859160.04	2.79E-04	3.42E-04	3.00E-04	9.68E-08	2.92E-07	1.69E-07	2.07E-07	1.88E-07	8.57E-08	7.52E-08	3.23E-09	7.81E-08	1.72E-08	2.81E-08	4.46E-08	7.87E-09	3.95E-08	2.19E-07
2714	490460.04	3859160.04	2.76E-04	3.38E-04	2.96E-04	9.56E-08	2.89E-07	1.67E-07	2.05E-07	1.86E-07	8.47E-08	7.43E-08	3.19E-09	7.71E-08	1.70E-08	2.78E-08	4.41E-08	7.77E-09	3.90E-08	2.16E-07
2715	490510.04	3859160.04	2.72E-04	3.33E-04	2.92E-04	9.43E-08	2.85E-07	1.65E-07	2.02E-07	1.83E-07	8.35E-08	7.32E-08	3.15E-09	7.61E-08	1.68E-08	2.74E-08	4.35E-08	7.66E-09	3.84E-08	2.13E-07
2716	490560.04	3859160.04	2.68E-04	3.28E-04	2.88E-04	9.28E-08	2.80E-07	1.62E-07	1.99E-07	1.80E-07	8.22E-08	7.20E-08	3.10E-09	7.48E-08	1.65E-08	2.70E-08	4.28E-08	7.54E-09	3.78E-08	2.10E-07
2717	490610.04	3859160.04	2.64E-04	3.24E-04	2.84E-04	9.16E-08	2.77E-07	1.60E-07	1.96E-07	1.78E-07	8.11E-08	7.12E-08	3.06E-09	7.39E-08	1.63E-08	2.66E-08	4.23E-08	7.45E-09	3.73E-08	2.07E-07
2718	490660.04	3859160.04	2.58E-04	3.16E-04	2.77E-04	8.95E-08	2.70E-07	1.56E-07	1.92E-07	1.74E-07	7.93E-08	6.95E-08	2.99E-09	7.22E-08	1.59E-08	2.60E-08	4.13E-08	7.27E-09	3.65E-08	2.02E-07
2719	490710.04	3859160.04	2.55E-04	3.13E-04	2.74E-04	8.85E-08	2.67E-07	1.55E-07	1.89E-07	1.72E-07	7.84E-08	6.87E-08	2.95E-09	7.14E-08	1.57E-08	2.57E-08	4.08E-08	7.19E-09	3.61E-08	2.00E-07
2720	490760.04	3859160.04	2.50E-04	3.07E-04	2.69E-04	8.68E-08	2.62E-07	1.52E-07	1.86E-07	1.68E-07	7.69E-08	6.74E-08	2.90E-09	7.00E-08	1.54E-08	2.52E-08	4.00E-08	7.05E-09	3.54E-08	1.96E-07
2721	490810.04	3859160.04	2.47E-04	3.03E-04	2.66E-04	8.58E-08	2.59E-07	1.50E-07	1.84E-07	1.66E-07	7.60E-08	6.66E-08	2.86E-09	6.92E-08	1.53E-08	2.49E-08	3.96E-08	6.97E-09	3.49E-08	1.94E-07
2722	490860.04	3859160.04	2.44E-04	2.99E-04	2.62E-04	8.46E-08	2.56E-07	1.48E-07	1.81E-07	1.64E-07	7.50E-08	6.57E-08	2.83E-09	6.83E-08	1.51E-08	2.46E-08	3.90E-08	6.88E-09	3.45E-08	1.91E-07
2723	490360.04	3859210.04	2.69E-04	3.29E-04	2.89E-04	9.32E-08	2.81E-07	1.63E-07	2.00E-07	1.81E-07	8.26E-08	7.24E-08	3.11E-09	7.52E-08	1.66E-08	2.71E-08	4.30E-08	7.58E-09	3.80E-08	2.11E-07
2724	490410.04	3859210.04	2.67E-04	3.27E-04	2.87E-04	9.25E-08	2.79E-07	1.62E-07	1.98E-07	1.79E-07	8.19E-08	7.18E-08	3.09E-09	7.46E-08	1.65E-08	2.69E-08	4.26E-08	7.51E-09	3.77E-08	2.09E-07
2725	490460.04	3859210.04	2.63E-04	3.22E-04	2.82E-04	9.10E-08	2.75E-07	1.59E-07	1.95E-07	1.77E-07	8.06E-08	7.07E-08	3.04E-09	7.34E-08	1.62E-08	2.65E-08	4.20E-08	7.40E-09	3.71E-08	2.06E-07
2726	490510.04	3859210.04	2.59E-04	3.18E-04	2.79E-04	8.98E-08	2.71E-07	1.57E-07	1.92E-07	1.74E-07	7.96E-08	6.98E-08	3.00E-09	7.25E-08	1.60E-08	2.61E-08	4.14E-08	7.30E-09	3.66E-08	2.03E-07
2727	490560.04	3859210.04	2.57E-04	3.14E-04	2.76E-04	8.89E-08	2.68E-07	1.55E-07	1.90E-07	1.73E-07	7.87E-08	6.91E-08	2.97E-09	7.17E-08	1.58E-08	2.58E-08	4.10E-08	7.23E-09	3.62E-08	2.01E-07
2728	490610.04	3859210.04	2.53E-04	3.10E-04	2.72E-04	8.77E-08	2.65E-07	1.53E-07	1.88E-07	1.70E-07	7.77E-08	6.81E-08	2.93E-09	7.07E-08	1.56E-08	2.55E-08	4.04E-08	7.13E-09	3.57E-08	1.98E-07
2729	490660.04	3859210.04	2.48E-04	3.04E-04	2.66E-04	8.59E-08	2.59E-07	1.50E-07	1.84E-07	1.67E-07	7.61E-08	6.67E-08	2.87E-09	6.93E-08	1.53E-08	2.50E-08	3.96E-08	6.98E-09	3.50E-08	1.94E-07
2730	490710.04	3859210.04	2.45E-04	3.00E-04	2.63E-04	8.48E-08	2.56E-07	1.48E-07	1.81E-07	1.65E-07	7.51E-08	6.58E-08	2.83E-09	6.84E-08	1.51E-08	2.46E-08	3.91E-08	6.89E-09	3.45E-08	1.91E-07
2731	490760.04	3859210.04	2.40E-04	2.94E-04	2.58E-04	8.32E-08	2.51E-07	1.45E-07	1.78E-07	1.61E-07	7.37E-08	6.46E-08	2.78E-09	6.71E-08	1.48E-08	2.42E-08	3.84E-08	6.76E-09	3.39E-08	1.88E-07
2732	490810.04	3859210.04	2.39E-04	2.93E-04	2.57E-04	8.28E-08	2.50E-07	1.45E-07	1.77E-07	1.61E-07	7.33E-08	6.43E-08	2.76E-09	6.68E-08	1.47E-08	2.41E-08	3.82E-08	6.73E-09	3.37E-08	1.87E-07
2733	490860.04	3859210.04	2.37E-04	2.91E-04	2.55E-04	8.23E-08	2.48E-07	1.44E-07	1.76E-07	1.60E-07	7.29E-08	6.39E-08	2.75E-09	6.64E-08	1.46E-08	2.39E-08	3.80E-08	6.69E-09	3.35E-08	1.86E-07
2734	490360.04	3859260.04	2.55E-04	3.13E-04	2.75E-04	8.85E-08	2.67E-07	1.55E-07	1.90E-07	1.72E-07	7.84E-08	6.88E-08	2.96E-09	7.14E-08	1.58E-08	2.57E-08	4.08E-08	7.20E-09	3.61E-08	2.00E-07
2735	490410.04	3859260.04	2.53E-04	3.10E-04	2.72E-04	8.78E-08	2.65E-07	1.53E-07	1.88E-07	1.70E-07	7.78E-08	6.82E-08	2.93E-09	7.08E-08	1.56E-08	2.55E-08	4.05E-08	7.14E-09	3.58E-08	1.98E-07
2736	490460.04	3859260.04	2.51E-04	3.08E-04	2.70E-04	8.72E-08	2.63E-07	1.52E-07	1.87E-07	1.69E-07	7.72E-08	6.77E-08	2.91E-09	7.03E-08	1.55E-08	2.53E-08	4.02E-08	7.08E-09	3.55E-08	1.97E-07
2737	490510.04	3859260.04	2.50E-04	3.06E-04	2.68E-04	8.65E-08	2.61E-07	1.51E-07	1.85E-07	1.68E-07	7.66E-08	6.72E-08	2.89E-09	6.97E-08	1.54E-08	2.51E-08	3.99E-08	7.03E-09	3.53E-08	1.95E-07
2738	490560.04	3859260.04	2.47E-04	3.02E-04	2.65E-04	8.55E-08	2.58E-07	1.49E-07	1.83E-07	1.66E-07	7.57E-08	6.64E-08	2.86E-09	6.90E-08	1.52E-08	2.49E-08	3.94E-08	6.95E-09	3.49E-08	1.93E-07
2739	490610.04	3859260.04	2.43E-04	2.97E-04	2.61E-04	8.42E-08	2.54E-07	1.47E-07	1.80E-07	1.63E-07	7.45E-08	6.54E-08	2.81E-09	6.79E-08	1.50E-08	2.45E-08	3.88E-08	6.84E-09	3.43E-08	1.90E-07
2740	490660.04	3859260.04	2.42E-04	2.96E-04	2.59E-04	8.37E-08	2.53E-07	1.46E-07	1.79E-07	1.62E-07	7.41E-08	6.50E-08	2.80E-09	6.75E-08	1.49E-08	2.43E-08	3.86E-08	6.80E-09	3.41E-08	1.89E-07
2741	490710.04	3859260.04	2.39E-04	2.93E-04	2.57E-04	8.28E-08	2.50E-07	1.45E-07	1.77E-07	1.61E-07	7.33E-08	6.43E-08	2.77E-09	6.68E-08	1.47E-08	2.41E-08	3.82E-08	6.73E-09	3.37E-08	1.87E-07
2742	490760.04	3859260.04	2.35E-04	2.88E-04	2.52E-04	8.14E-08	2.46E-07	1.42E-07	1.74E-07	1.58E-07	7.20E-08	6.32E-08	2.72E-09	6.56E-08	1.45E-08	2.36E-08	3.75E-08	6.61E-09	3.31E-08	1.84E-07
2743	490810.04	3859260.04	2.33E-04	2.86E-04	2.50E-04	8.08E-08	2.44E-07	1.41E-07	1.73E-07	1.57E-07	7.16E-08	6.27E-08	2.70E-09	6.52E-08	1.44E-08	2.35E-08	3.73E-08	6.57E-09	3.29E-08	1.83E-07

2744	490860.04	3859260.04	2.32E-04	2.84E-04	2.49E-04	8.03E-08	2.42E-07	1.40E-07	1.72E-07	1.56E-07	7.11E-08	6.23E-08	2.68E-09	6.47E-08	1.43E-08	2.33E-08	3.70E-08	6.52E-09	3.27E-08	1.81E-07
2745	490360.04	3859310.04	2.44E-04	2.98E-04	2.62E-04	8.44E-08	2.55E-07	1.48E-07	1.81E-07	1.64E-07	7.47E-08	6.56E-08	2.82E-09	6.81E-08	1.50E-08	2.45E-08	3.89E-08	6.86E-09	3.44E-08	1.91E-07
2746	490410.04	3859310.04	2.42E-04	2.96E-04	2.60E-04	8.38E-08	2.53E-07	1.47E-07	1.79E-07	1.63E-07	7.42E-08	6.51E-08	2.80E-09	6.76E-08	1.49E-08	2.44E-08	3.87E-08	6.81E-09	3.42E-08	1.89E-07
2747	490460.04	3859310.04	2.40E-04	2.94E-04	2.58E-04	8.33E-08	2.51E-07	1.46E-07	1.78E-07	1.62E-07	7.37E-08	6.47E-08	2.78E-09	6.72E-08	1.48E-08	2.42E-08	3.84E-08	6.77E-09	3.39E-08	1.88E-07
2748	490510.04	3859310.04	2.39E-04	2.93E-04	2.57E-04	8.28E-08	2.50E-07	1.45E-07	1.77E-07	1.61E-07	7.33E-08	6.43E-08	2.76E-09	6.68E-08	1.47E-08	2.41E-08	3.82E-08	6.73E-09	3.37E-08	1.87E-07
2749	490560.04	3859310.04	2.37E-04	2.91E-04	2.55E-04	8.22E-08	2.48E-07	1.44E-07	1.76E-07	1.60E-07	7.28E-08	6.39E-08	2.75E-09	6.63E-08	1.46E-08	2.39E-08	3.79E-08	6.68E-09	3.35E-08	1.86E-07
2750	490610.04	3859310.04	2.36E-04	2.89E-04	2.53E-04	8.17E-08	2.47E-07	1.43E-07	1.75E-07	1.59E-07	7.24E-08	6.35E-08	2.73E-09	6.59E-08	1.45E-08	2.38E-08	3.77E-08	6.64E-09	3.33E-08	1.85E-07
2751	490660.04	3859310.04	2.34E-04	2.87E-04	2.51E-04	8.11E-08	2.45E-07	1.42E-07	1.74E-07	1.57E-07	7.18E-08	6.30E-08	2.71E-09	6.54E-08	1.44E-08	2.36E-08	3.74E-08	6.59E-09	3.30E-08	1.83E-07
2752	490710.04	3859310.04	2.31E-04	2.82E-04	2.48E-04	7.99E-08	2.41E-07	1.40E-07	1.71E-07	1.55E-07	7.08E-08	6.21E-08	2.67E-09	6.45E-08	1.42E-08	2.32E-08	3.68E-08	6.49E-09	3.26E-08	1.80E-07
2753	490760.04	3859310.04	2.28E-04	2.80E-04	2.45E-04	7.91E-08	2.39E-07	1.38E-07	1.69E-07	1.54E-07	7.01E-08	6.14E-08	2.64E-09	6.38E-08	1.41E-08	2.30E-08	3.65E-08	6.43E-09	3.22E-08	1.79E-07
2754	490810.04	3859310.04	2.27E-04	2.78E-04	2.44E-04	7.86E-08	2.37E-07	1.37E-07	1.68E-07	1.53E-07	6.96E-08	6.10E-08	2.63E-09	6.34E-08	1.40E-08	2.29E-08	3.63E-08	6.39E-09	3.20E-08	1.78E-07
2755	490860.04	3859310.04	2.25E-04	2.75E-04	2.41E-04	7.78E-08	2.35E-07	1.36E-07	1.67E-07	1.51E-07	6.89E-08	6.04E-08	2.60E-09	6.28E-08	1.39E-08	2.26E-08	3.59E-08	6.33E-09	3.17E-08	1.76E-07
2756	490360.04	3859360.04	2.32E-04	2.85E-04	2.50E-04	8.05E-08	2.43E-07	1.41E-07	1.72E-07	1.56E-07	7.13E-08	6.26E-08	2.69E-09	6.49E-08	1.43E-08	2.34E-08	3.71E-08	6.54E-09	3.28E-08	1.82E-07
2757	490410.04	3859360.04	2.31E-04	2.83E-04	2.49E-04	8.01E-08	2.42E-07	1.40E-07	1.72E-07	1.56E-07	7.10E-08	6.23E-08	2.68E-09	6.46E-08	1.43E-08	2.33E-08	3.70E-08	6.51E-09	3.27E-08	1.81E-07
2758	490460.04	3859360.04	2.30E-04	2.82E-04	2.47E-04	7.98E-08	2.41E-07	1.39E-07	1.71E-07	1.55E-07	7.06E-08	6.20E-08	2.66E-09	6.43E-08	1.42E-08	2.32E-08	3.68E-08	6.48E-09	3.25E-08	1.80E-07
2759	490510.04	3859360.04	2.29E-04	2.81E-04	2.46E-04	7.94E-08	2.40E-07	1.39E-07	1.70E-07	1.54E-07	7.03E-08	6.17E-08	2.65E-09	6.40E-08	1.41E-08	2.31E-08	3.66E-08	6.45E-09	3.24E-08	1.79E-07
2760	490560.04	3859360.04	2.28E-04	2.79E-04	2.45E-04	7.89E-08	2.38E-07	1.38E-07	1.69E-07	1.53E-07	6.99E-08	6.13E-08	2.63E-09	6.36E-08	1.40E-08	2.29E-08	3.64E-08	6.41E-09	3.22E-08	1.78E-07
2761	490610.04	3859360.04	2.26E-04	2.77E-04	2.43E-04	7.84E-08	2.37E-07	1.37E-07	1.68E-07	1.52E-07	6.94E-08	6.09E-08	2.62E-09	6.32E-08	1.40E-08	2.28E-08	3.61E-08	6.37E-09	3.20E-08	1.77E-07
2762	490660.04	3859360.04	2.25E-04	2.75E-04	2.42E-04	7.79E-08	2.35E-07	1.36E-07	1.67E-07	1.51E-07	6.90E-08	6.05E-08	2.60E-09	6.28E-08	1.39E-08	2.26E-08	3.59E-08	6.33E-09	3.18E-08	1.76E-07
2763	490710.04	3859360.04	2.23E-04	2.73E-04	2.39E-04	7.72E-08	2.33E-07	1.35E-07	1.65E-07	1.50E-07	6.84E-08	6.00E-08	2.58E-09	6.23E-08	1.37E-08	2.25E-08	3.56E-08	6.28E-09	3.15E-08	1.74E-07
2764	490760.04	3859360.04	2.21E-04	2.70E-04	2.37E-04	7.65E-08	2.31E-07	1.34E-07	1.64E-07	1.48E-07	6.77E-08	5.94E-08	2.55E-09	6.17E-08	1.36E-08	2.22E-08	3.53E-08	6.21E-09	3.12E-08	1.73E-07
2765	490810.04	3859360.04	2.20E-04	2.69E-04	2.36E-04	7.62E-08	2.30E-07	1.33E-07	1.63E-07	1.48E-07	6.75E-08	5.92E-08	2.54E-09	6.15E-08	1.36E-08	2.21E-08	3.51E-08	6.19E-09	3.11E-08	1.72E-07
2766	490860.04	3859360.04	2.18E-04	2.67E-04	2.34E-04	7.57E-08	2.28E-07	1.32E-07	1.62E-07	1.47E-07	6.70E-08	5.87E-08	2.53E-09	6.10E-08	1.35E-08	2.20E-08	3.49E-08	6.15E-09	3.08E-08	1.71E-07
2767	490360.04	3859410.04	2.22E-04	2.71E-04	2.38E-04	7.68E-08	2.32E-07	1.34E-07	1.64E-07	1.49E-07	6.80E-08	5.97E-08	2.57E-09	6.20E-08	1.37E-08	2.23E-08	3.54E-08	6.24E-09	3.13E-08	1.74E-07
2768	490410.04	3859410.04	2.21E-04	2.71E-04	2.37E-04	7.65E-08	2.31E-07	1.34E-07	1.64E-07	1.49E-07	6.78E-08	5.95E-08	2.56E-09	6.17E-08	1.36E-08	2.23E-08	3.53E-08	6.22E-09	3.12E-08	1.73E-07
2769	490460.04	3859410.04	2.20E-04	2.70E-04	2.37E-04	7.63E-08	2.30E-07	1.33E-07	1.63E-07	1.48E-07	6.76E-08	5.93E-08	2.55E-09	6.15E-08	1.36E-08	2.22E-08	3.52E-08	6.20E-09	3.11E-08	1.72E-07
2770	490510.04	3859410.04	2.19E-04	2.69E-04	2.36E-04	7.60E-08	2.29E-07	1.33E-07	1.63E-07	1.47E-07	6.73E-08	5.90E-08	2.54E-09	6.13E-08	1.35E-08	2.21E-08	3.50E-08	6.18E-09	3.10E-08	1.72E-07
2771	490560.04	3859410.04	2.18E-04	2.68E-04	2.35E-04	7.57E-08	2.29E-07	1.32E-07	1.62E-07	1.47E-07	6.70E-08	5.88E-08	2.53E-09	6.11E-08	1.35E-08	2.20E-08	3.49E-08	6.15E-09	3.09E-08	1.71E-07
2772	490610.04	3859410.04	2.18E-04	2.66E-04	2.34E-04	7.54E-08	2.28E-07	1.32E-07	1.61E-07	1.46E-07	6.68E-08	5.86E-08	2.52E-09	6.08E-08	1.34E-08	2.19E-08	3.48E-08	6.13E-09	3.07E-08	1.70E-07
2773	490660.04	3859410.04	2.16E-04	2.65E-04	2.32E-04	7.49E-08	2.26E-07	1.31E-07	1.60E-07	1.45E-07	6.63E-08	5.82E-08	2.50E-09	6.04E-08	1.33E-08	2.18E-08	3.45E-08	6.09E-09	3.05E-08	1.69E-07
2774	490710.04	3859410.04	2.15E-04	2.63E-04	2.31E-04	7.44E-08	2.25E-07	1.30E-07	1.59E-07	1.44E-07	6.59E-08	5.78E-08	2.49E-09	6.00E-08	1.33E-08	2.16E-08	3.43E-08	6.05E-09	3.03E-08	1.68E-07
2775	490760.04	3859410.04	2.13E-04	2.61E-04	2.29E-04	7.38E-08	2.23E-07	1.29E-07	1.58E-07	1.43E-07	6.54E-08	5.73E-08	2.47E-09	5.95E-08	1.31E-08	2.15E-08	3.40E-08	6.00E-09	3.01E-08	1.67E-07
2776	490810.04	3859410.04	2.12E-04	2.60E-04	2.28E-04	7.36E-08	2.22E-07	1.29E-07	1.57E-07	1.43E-07	6.51E-08	5.71E-08	2.46E-09	5.93E-08	1.31E-08	2.14E-08	3.39E-08	5.98E-09	3.00E-08	1.66E-07
2777	490860.04	3859410.04	2.12E-04	2.59E-04	2.27E-04	7.34E-08	2.22E-07	1.28E-07	1.57E-07	1.42E-07	6.50E-08	5.70E-08	2.45E-09	5.92E-08	1.31E-08	2.13E-08	3.38E-08	5.96E-09	2.99E-08	1.66E-07
2778	490360.04	3859460.04	2.11E-04	2.59E-04	2.27E-04	7.33E-08	2.21E-07	1.28E-07	1.57E-07	1.42E-07	6.49E-08	5.70E-08	2.45E-09	5.91E-08	1.30E-08	2.13E-08	3.38E-08	5.96E-09	2.99E-08	1.66E-07
2779	490410.04	3859460.04	2.11E-04	2.58E-04	2.27E-04	7.31E-08	2.21E-07	1.28E-07	1.57E-07	1.42E-07	6.47E-08	5.68E-08	2.44E-09	5.90E-08	1.30E-08	2.13E-08	3.37E-08	5.94E-09	2.98E-08	1.65E-07
2780	490460.04	3859460.04	2.10E-04	2.58E-04	2.26E-04	7.29E-08	2.20E-07	1.27E-07	1.56E-07	1.42E-07	6.46E-08	5.67E-08	2.44E-09	5.88E-08	1.30E-08	2.12E-08	3.36E-08	5.93E-09	2.97E-08	1.65E-07
2781	490510.04	3859460.04	2.10E-04	2.57E-04	2.25E-04	7.27E-08	2.20E-07	1.27E-07	1.56E-07	1.41E-07	6.44E-08	5.65E-08	2.43E-09	5.87E-08	1.29E-08	2.11E-08	3.35E-08	5.91E-09	2.97E-08	1.64E-07
2782	490560.04	3859460.04	2.09E-04	2.56E-04	2.25E-04	7.25E-08	2.19E-07	1.27E-07	1.55E-07	1.41E-07	6.42E-08	5.63E-08	2.42E-09	5.85E-08	1.29E-08	2.11E-08	3.34E-08	5.89E-09	2.96E-08	1.64E-07
2783	490610.04	3859460.04	2.09E-04	2.55E-04	2.24E-04	7.23E-08	2.18E-07	1.26E-07	1.55E-07	1.40E-07	6.40E-08	5.61E-08	2.41E-09	5.83E-08	1.29E-08	2.10E-08	3.33E-08	5.87E-09	2.95E-08	1.63E-07
2784	490660.04	3859460.04	2.08E-04	2.54E-04	2.23E-04	7.20E-08	2.17E-07	1.26E-07	1.54E-07	1.40E-07	6.38E-08	5.59E-08	2.40E-09	5.81E-08	1.28E-08	2.09E-08	3.32E-08	5.85E-09	2.93E-08	1.63E-07
2785	490710.04	3859460.04	2.07E-04	2.53E-04	2.22E-04	7.17E-08	2.17E-07	1.25E-07	1.54E-07	1.39E-07	6.35E-08	5.57E-08	2.39E-09	5.79E-08	1.28E-08	2.08E-08	3.31E-08	5.83E-09	2.92E-08	1.62E-07
2786	490760.04	3859460.04	2.06E-04	2.52E-04	2.21E-04	7.14E-08	2.16E-07	1.25E-07	1.53E-07	1.39E-07	6.32E-08	5.54E-08	2.38E-09	5.76E-08	1.27E-08	2.08E-08	3.29E-08	5.80E-09	2.91E-08	1.61E-07
2787	490810.04	3859460.04	2.05E-04	2.51E-04	2.20E-04	7.11E-08	2.15E-07	1.24E-07	1.52E-07	1.38E-07	6.29E-08	5.52E-08	2.37E-09	5.73E-08	1.26E-08	2.07E-08	3.28E-08	5.77E-09	2.90E-08	1.60E-07
2788	490860.04	3859460.04	2.04E-04	2.50E-04	2.20E-04	7.09E-08	2.14E-07	1.24E-07	1.52E-07	1.38E-07	6.28E-08	5.50E-08	2.37E-09	5.72E-08	1.26E-08	2.06E-08	3.27E-08	5.76E-09	2.89E-08	1.60E-07
2789	490360.04	3859510.04	2.02E-04	2.47E-04	2.17E-04	6.98E-08	2.11E-07	1.22E-07	1.50E-07	1.36E-07	6.19E-08	5.43E-08	2.33E-09	5.63E-08	1.24E-08	2.03E-08	3.22E-08	5.68E-09	2.85E-08	1.58E-07
2790	490410.04	3859510.04	2.01E-04	2.47E-04	2.16E-04	6.98E-08	2.11E-07	1.22E-07	1.49E-07	1.35E-07	6.18E-08	5.42E-08	2.33E-09	5.63E-08	1.24E-08	2.03E-08	3.22E-08	5.67E-09	2.85E-08	1.58E-07
2791	490460.04	3859510.04	2.01E-04	2.46E-04	2.16E-04	6.97E-08	2.11E-07	1.22E-07	1.49E-07	1.35E-07	6.17E-08	5.42E-08	2.33E-09	5.62E-08	1.24E-08	2.03E-08	3.21E-08	5.67E-09	2.84E-08	1.57E-07
2792	490510.04	3859510.04	2.01E-04	2.46E-04	2.16E-04	6.96E-08	2.10E-07	1.22E-07	1.49E-07	1.35E-07	6.16E-08	5.41E-08	2.32E-09	5.61E-08	1.24E-08	2.02E-08	3.21E-08	5.66E-09	2.84E-08	1.57E-07
2793	490560.04	3859510.04	2.00E-04	2.45E-04	2.15E-04	6.94E-08	2.10E-07	1.21E-07	1.49E-07	1.35E-07	6.15E-08	5.40E-08	2.32E-09	5.60E-08	1.24E-08	2.02E-08	3.20E-08	5.64E-09	2.83E-08	1.57E-07
2794	490610.04	3859510.04	2.00E-04	2.45E-04	2.15E-04	6.93E-08	2.09E-07	1.21E-07	1.48E-07	1.34E-07	6.14E-08	5.38E-08	2.31E-09	5.59E-08	1.23E-08	2.01E-08	3.20E-08	5.63E-09	2.83E-08	1.57E-07
2795	490660.04	3859510.04	1.99E-04	2.44E-04	2.14E-04	6.91E-08	2.09E-07	1.21E-07	1.48E-07	1.34E-07	6.12E-08	5.37E-08	2.31E-09	5.57E-08	1.23E-08	2.01E-08	3.19E-08	5.62E-09	2.82E-08	1.56E-07
2796	490710.04	3859510.04	1.99E-04	2.44E-04	2.14E-04	6.89E-08	2.08E-07	1.20E-07	1.48E-07	1.34E-07	6.10E-08	5.35E-08	2.30E-09	5.56E-08	1.23E-08	2.00E-08	3.18E-08	5.60E-09	2.81E-08	1.56E-07
2797	490760.04	3859510.04	1.98E-04	2.43E-04	2.13E-04	6.87E-08	2.07E-07	1.20E-07	1.47E-07	1.33E-07	6.08E-08	5.34E-08	2.29E-09	5.54E-08	1.22E-08	2.00E-08	3.17E-08	5.58E-09	2.80E-08	1.55E-07
2798	490810.04	3859510.04	1.98E-04	2.42E-04	2.12E-04	6.85E-08	2.07E-07	1.20E-07	1.47E-07	1.33E-07	6.07E-08	5.32E-08	2.29E-09	5.53E-08	1.22E-08	1.99E-08	3.16E-08	5.57E-09	2.79E-08	1.55E-07

2799	490860.04	3859510.04	1.97E-04	2.41E-04	2.12E-04	6.83E-08	2.06E-07	1.19E-07	1.46E-07	1.32E-07	6.05E-08	5.30E-08	2.28E-09	5.51E-08	1.22E-08	1.98E-08	3.15E-08	5.55E-09	2.78E-08	1.54E-07
2800	490360.04	3859560.04	1.92E-04	2.35E-04	2.07E-04	6.66E-08	2.01E-07	1.16E-07	1.43E-07	1.29E-07	5.90E-08	5.18E-08	2.22E-09	5.37E-08	1.19E-08	1.94E-08	3.07E-08	5.41E-09	2.72E-08	1.50E-07
2801	490410.04	3859560.04	1.92E-04	2.35E-04	2.06E-04	6.66E-08	2.01E-07	1.16E-07	1.43E-07	1.29E-07	5.90E-08	5.17E-08	2.22E-09	5.37E-08	1.19E-08	1.94E-08	3.07E-08	5.41E-09	2.71E-08	1.50E-07
2802	490460.04	3859560.04	1.92E-04	2.35E-04	2.06E-04	6.66E-08	2.01E-07	1.16E-07	1.43E-07	1.29E-07	5.89E-08	5.17E-08	2.22E-09	5.37E-08	1.18E-08	1.93E-08	3.07E-08	5.41E-09	2.71E-08	1.50E-07
2803	490510.04	3859560.04	1.92E-04	2.35E-04	2.07E-04	6.66E-08	2.01E-07	1.16E-07	1.43E-07	1.29E-07	5.90E-08	5.18E-08	2.22E-09	5.37E-08	1.19E-08	1.94E-08	3.07E-08	5.41E-09	2.72E-08	1.50E-07
2804	490560.04	3859560.04	1.92E-04	2.35E-04	2.06E-04	6.65E-08	2.01E-07	1.16E-07	1.42E-07	1.29E-07	5.89E-08	5.17E-08	2.22E-09	5.36E-08	1.18E-08	1.93E-08	3.07E-08	5.41E-09	2.71E-08	1.50E-07
2805	490610.04	3859560.04	1.92E-04	2.35E-04	2.06E-04	6.64E-08	2.01E-07	1.16E-07	1.42E-07	1.29E-07	5.88E-08	5.16E-08	2.22E-09	5.36E-08	1.18E-08	1.93E-08	3.06E-08	5.40E-09	2.71E-08	1.50E-07
2806	490660.04	3859560.04	1.91E-04	2.34E-04	2.06E-04	6.63E-08	2.00E-07	1.16E-07	1.42E-07	1.29E-07	5.87E-08	5.15E-08	2.21E-09	5.35E-08	1.18E-08	1.93E-08	3.06E-08	5.39E-09	2.70E-08	1.50E-07
2807	490710.04	3859560.04	1.91E-04	2.34E-04	2.05E-04	6.62E-08	2.00E-07	1.16E-07	1.42E-07	1.28E-07	5.86E-08	5.14E-08	2.21E-09	5.34E-08	1.18E-08	1.92E-08	3.05E-08	5.38E-09	2.70E-08	1.50E-07
2808	490760.04	3859560.04	1.91E-04	2.33E-04	2.05E-04	6.60E-08	1.99E-07	1.15E-07	1.41E-07	1.28E-07	5.85E-08	5.13E-08	2.21E-09	5.33E-08	1.18E-08	1.92E-08	3.05E-08	5.37E-09	2.69E-08	1.49E-07
2809	490810.04	3859560.04	1.90E-04	2.33E-04	2.04E-04	6.59E-08	1.99E-07	1.15E-07	1.41E-07	1.28E-07	5.83E-08	5.12E-08	2.20E-09	5.31E-08	1.17E-08	1.92E-08	3.04E-08	5.35E-09	2.69E-08	1.49E-07
2810	490860.04	3859560.04	1.90E-04	2.32E-04	2.04E-04	6.57E-08	1.98E-07	1.15E-07	1.41E-07	1.27E-07	5.82E-08	5.10E-08	2.19E-09	5.30E-08	1.17E-08	1.91E-08	3.03E-08	5.34E-09	2.68E-08	1.48E-07
2811	490187.25	3859422.08	2.21E-04	2.71E-04	2.37E-04	7.66E-08	2.31E-07	1.34E-07	1.64E-07	1.49E-07	6.78E-08	5.95E-08	2.56E-09	6.18E-08	1.36E-08	2.23E-08	3.53E-08	6.22E-09	3.12E-08	1.73E-07
2812	490237.25	3859422.08	2.21E-04	2.70E-04	2.37E-04	7.64E-08	2.31E-07	1.34E-07	1.64E-07	1.48E-07	6.77E-08	5.94E-08	2.55E-09	6.17E-08	1.36E-08	2.22E-08	3.53E-08	6.21E-09	3.12E-08	1.73E-07
2813	490287.25	3859422.08	2.20E-04	2.70E-04	2.37E-04	7.63E-08	2.30E-07	1.33E-07	1.63E-07	1.48E-07	6.76E-08	5.93E-08	2.55E-09	6.15E-08	1.36E-08	2.22E-08	3.52E-08	6.20E-09	3.11E-08	1.72E-07
2814	490337.25	3859422.08	2.19E-04	2.69E-04	2.36E-04	7.61E-08	2.30E-07	1.33E-07	1.63E-07	1.48E-07	6.74E-08	5.91E-08	2.54E-09	6.13E-08	1.35E-08	2.21E-08	3.51E-08	6.18E-09	3.10E-08	1.72E-07
2815	490187.25	3859472.08	2.10E-04	2.57E-04	2.26E-04	7.28E-08	2.20E-07	1.27E-07	1.56E-07	1.41E-07	6.44E-08	5.66E-08	2.43E-09	5.87E-08	1.30E-08	2.12E-08	3.36E-08	5.91E-09	2.97E-08	1.64E-07
2816	490237.25	3859472.08	2.10E-04	2.57E-04	2.25E-04	7.27E-08	2.19E-07	1.27E-07	1.56E-07	1.41E-07	6.44E-08	5.65E-08	2.43E-09	5.86E-08	1.29E-08	2.11E-08	3.35E-08	5.91E-09	2.96E-08	1.64E-07
2817	490287.25	3859472.08	2.10E-04	2.57E-04	2.25E-04	7.26E-08	2.19E-07	1.27E-07	1.56E-07	1.41E-07	6.43E-08	5.64E-08	2.43E-09	5.86E-08	1.29E-08	2.11E-08	3.35E-08	5.90E-09	2.96E-08	1.64E-07
2818	490337.25	3859472.08	2.09E-04	2.56E-04	2.25E-04	7.25E-08	2.19E-07	1.27E-07	1.55E-07	1.41E-07	6.42E-08	5.64E-08	2.42E-09	5.85E-08	1.29E-08	2.11E-08	3.34E-08	5.89E-09	2.96E-08	1.64E-07
2819	490297.07	3859500.42	2.04E-04	2.50E-04	2.19E-04	7.06E-08	2.13E-07	1.23E-07	1.51E-07	1.37E-07	6.25E-08	5.49E-08	2.36E-09	5.69E-08	1.26E-08	2.05E-08	3.26E-08	5.74E-09	2.88E-08	1.59E-07
2820	490327.07	3859500.42	2.03E-04	2.49E-04	2.19E-04	7.05E-08	2.13E-07	1.23E-07	1.51E-07	1.37E-07	6.24E-08	5.48E-08	2.35E-09	5.69E-08	1.26E-08	2.05E-08	3.25E-08	5.73E-09	2.88E-08	1.59E-07
2821	490297.07	3859530.42	1.98E-04	2.42E-04	2.13E-04	6.85E-08	2.07E-07	1.20E-07	1.47E-07	1.33E-07	6.07E-08	5.33E-08	2.29E-09	5.53E-08	1.22E-08	1.99E-08	3.16E-08	5.57E-09	2.79E-08	1.55E-07
2822	490327.07	3859530.42	1.98E-04	2.42E-04	2.12E-04	6.85E-08	2.07E-07	1.20E-07	1.47E-07	1.33E-07	6.07E-08	5.32E-08	2.29E-09	5.53E-08	1.22E-08	1.99E-08	3.16E-08	5.57E-09	2.79E-08	1.55E-07
2823	490319.73	3859055.34	3.18E-04	3.90E-04	3.42E-04	1.10E-07	3.33E-07	1.93E-07	2.36E-07	2.14E-07	9.76E-08	8.57E-08	3.68E-09	8.89E-08	1.96E-08	3.21E-08	5.08E-08	8.96E-09	4.50E-08	2.49E-07
2824	490319.73	3859105.34	3.02E-04	3.70E-04	3.25E-04	1.05E-07	3.16E-07	1.83E-07	2.24E-07	2.03E-07	9.28E-08	8.14E-08	3.50E-09	8.45E-08	1.86E-08	3.04E-08	4.83E-08	8.51E-09	4.27E-08	2.37E-07
2825	490069.73	3859155.34	3.00E-04	3.67E-04	3.22E-04	1.04E-07	3.14E-07	1.82E-07	2.23E-07	2.02E-07	9.20E-08	8.08E-08	3.47E-09	8.38E-08	1.85E-08	3.02E-08	4.79E-08	8.45E-09	4.24E-08	2.35E-07
2826	490119.73	3859155.34	2.97E-04	3.64E-04	3.20E-04	1.03E-07	3.11E-07	1.80E-07	2.21E-07	2.00E-07	9.13E-08	8.01E-08	3.44E-09	8.31E-08	1.83E-08	3.00E-08	4.75E-08	8.37E-09	4.20E-08	2.33E-07
2827	490269.73	3859155.34	2.90E-04	3.55E-04	3.12E-04	1.00E-07	3.03E-07	1.76E-07	2.15E-07	1.95E-07	8.90E-08	7.81E-08	3.35E-09	8.10E-08	1.79E-08	2.92E-08	4.63E-08	8.17E-09	4.10E-08	2.27E-07
2828	490319.73	3859155.34	2.87E-04	3.52E-04	3.09E-04	9.95E-08	3.00E-07	1.74E-07	2.13E-07	1.93E-07	8.81E-08	7.73E-08	3.32E-09	8.02E-08	1.77E-08	2.89E-08	4.59E-08	8.08E-09	4.06E-08	2.25E-07
2829	490069.73	3859205.34	2.83E-04	3.46E-04	3.04E-04	9.80E-08	2.96E-07	1.71E-07	2.10E-07	1.90E-07	8.68E-08	7.62E-08	3.27E-09	7.90E-08	1.74E-08	2.85E-08	4.52E-08	7.96E-09	4.00E-08	2.21E-07
2830	490119.73	3859205.34	2.81E-04	3.44E-04	3.02E-04	9.73E-08	2.94E-07	1.70E-07	2.08E-07	1.89E-07	8.61E-08	7.56E-08	3.25E-09	7.84E-08	1.73E-08	2.83E-08	4.48E-08	7.90E-09	3.97E-08	2.20E-07
2831	490169.73	3859205.34	2.79E-04	3.41E-04	3.00E-04	9.66E-08	2.92E-07	1.69E-07	2.07E-07	1.87E-07	8.55E-08	7.51E-08	3.23E-09	7.79E-08	1.72E-08	2.81E-08	4.45E-08	7.85E-09	3.94E-08	2.18E-07
2832	490219.73	3859205.34	2.77E-04	3.39E-04	2.97E-04	9.59E-08	2.90E-07	1.68E-07	2.05E-07	1.86E-07	8.49E-08	7.45E-08	3.20E-09	7.74E-08	1.71E-08	2.79E-08	4.42E-08	7.79E-09	3.91E-08	2.17E-07
2833	490269.73	3859205.34	2.74E-04	3.36E-04	2.95E-04	9.51E-08	2.87E-07	1.66E-07	2.04E-07	1.85E-07	8.42E-08	7.39E-08	3.18E-09	7.67E-08	1.69E-08	2.76E-08	4.39E-08	7.73E-09	3.88E-08	2.15E-07
2834	490319.73	3859205.34	2.72E-04	3.34E-04	2.93E-04	9.44E-08	2.85E-07	1.65E-07	2.02E-07	1.83E-07	8.36E-08	7.33E-08	3.15E-09	7.61E-08	1.68E-08	2.74E-08	4.35E-08	7.67E-09	3.85E-08	2.13E-07
2835	490069.73	3859255.34	2.67E-04	3.27E-04	2.87E-04	9.25E-08	2.79E-07	1.62E-07	1.98E-07	1.80E-07	8.19E-08	7.19E-08	3.09E-09	7.46E-08	1.65E-08	2.69E-08	4.27E-08	7.52E-09	3.77E-08	2.09E-07
2836	490119.73	3859255.34	2.65E-04	3.25E-04	2.85E-04	9.19E-08	2.78E-07	1.61E-07	1.97E-07	1.78E-07	8.14E-08	7.15E-08	3.07E-09	7.42E-08	1.64E-08	2.67E-08	4.24E-08	7.47E-09	3.75E-08	2.08E-07
2837	490169.73	3859255.34	2.64E-04	3.23E-04	2.83E-04	9.14E-08	2.76E-07	1.60E-07	1.96E-07	1.77E-07	8.09E-08	7.10E-08	3.05E-09	7.37E-08	1.63E-08	2.66E-08	4.21E-08	7.42E-09	3.73E-08	2.06E-07
2838	490219.73	3859255.34	2.62E-04	3.21E-04	2.82E-04	9.08E-08	2.74E-07	1.59E-07	1.94E-07	1.76E-07	8.04E-08	7.06E-08	3.03E-09	7.33E-08	1.62E-08	2.64E-08	4.19E-08	7.38E-09	3.70E-08	2.05E-07
2839	490269.73	3859255.34	2.60E-04	3.19E-04	2.80E-04	9.02E-08	2.72E-07	1.58E-07	1.93E-07	1.75E-07	7.99E-08	7.01E-08	3.01E-09	7.28E-08	1.61E-08	2.62E-08	4.16E-08	7.33E-09	3.68E-08	2.04E-07
2840	490319.73	3859255.34	2.59E-04	3.17E-04	2.78E-04	8.96E-08	2.71E-07	1.57E-07	1.92E-07	1.74E-07	7.94E-08	6.97E-08	2.99E-09	7.23E-08	1.60E-08	2.61E-08	4.13E-08	7.29E-09	3.66E-08	2.03E-07
2841	490069.73	3859305.34	2.53E-04	3.09E-04	2.72E-04	8.76E-08	2.64E-07	1.53E-07	1.87E-07	1.70E-07	7.75E-08	6.81E-08	2.92E-09	7.06E-08	1.56E-08	2.55E-08	4.04E-08	7.12E-09	3.57E-08	1.98E-07
2842	490119.73	3859305.34	2.51E-04	3.08E-04	2.70E-04	8.71E-08	2.63E-07	1.52E-07	1.86E-07	1.69E-07	7.71E-08	6.77E-08	2.91E-09	7.02E-08	1.55E-08	2.53E-08	4.02E-08	7.08E-09	3.55E-08	1.97E-07
2843	490169.73	3859305.34	2.50E-04	3.06E-04	2.69E-04	8.66E-08	2.61E-07	1.51E-07	1.85E-07	1.68E-07	7.67E-08	6.73E-08	2.89E-09	6.99E-08	1.54E-08	2.52E-08	3.99E-08	7.04E-09	3.53E-08	1.96E-07
2844	490219.73	3859305.34	2.49E-04	3.05E-04	2.67E-04	8.62E-08	2.60E-07	1.51E-07	1.84E-07	1.67E-07	7.63E-08	6.70E-08	2.88E-09	6.95E-08	1.53E-08	2.50E-08	3.97E-08	7.00E-09	3.51E-08	1.95E-07
2845	490269.73	3859305.34	2.47E-04	3.03E-04	2.66E-04	8.57E-08	2.59E-07	1.50E-07	1.84E-07	1.66E-07	7.59E-08	6.66E-08	2.86E-09	6.91E-08	1.53E-08	2.49E-08	3.95E-08	6.97E-09	3.50E-08	1.94E-07
2846	490319.73	3859305.34	2.46E-04	3.01E-04	2.64E-04	8.52E-08	2.57E-07	1.49E-07	1.83E-07	1.65E-07	7.55E-08	6.62E-08	2.85E-09	6.88E-08	1.52E-08	2.48E-08	3.93E-08	6.93E-09	3.48E-08	1.93E-07
2847	490069.73	3859355.34	2.39E-04	2.93E-04	2.57E-04	8.28E-08	2.50E-07	1.45E-07	1.77E-07	1.61E-07	7.33E-08	6.44E-08	2.76E-09	6.68E-08	1.47E-08	2.41E-08	3.82E-08	6.73E-09	3.38E-08	1.87E-07
2848	490119.73	3859355.34	2.38E-04	2.91E-04	2.56E-04	8.24E-08	2.49E-07	1.44E-07	1.76E-07	1.60E-07	7.30E-08	6.41E-08	2.75E-09	6.65E-08	1.47E-08	2.40E-08	3.80E-08	6.70E-09	3.36E-08	1.86E-07
2849	490169.73	3859355.34	2.37E-04	2.90E-04	2.55E-04	8.21E-08	2.48E-07	1.44E-07	1.76E-07	1.59E-07	7.27E-08	6.38E-08	2.74E-09	6.63E-08	1.46E-08	2.39E-08	3.79E-08	6.68E-09	3.35E-08	1.86E-07
2850	490219.73	3859355.34	2.36E-04	2.89E-04	2.54E-04	8.19E-08	2.47E-07	1.43E-07	1.75E-07	1.59E-07	7.25E-08	6.36E-08	2.73E-09	6.60E-08	1.46E-08	2.38E-08	3.77E-08	6.65E-09	3.34E-08	1.85E-07
2851	490269.73	3859355.34	2.35E-04	2.88E-04	2.53E-04	8.15E-08	2.46E-07	1.42E-07	1.75E-07	1.58E-07	7.22E-08	6.34E-08	2.72E-09	6.58E-08	1.45E-08	2.37E-08	3.76E-08	6.63E-09	3.32E-08	1.84E-07
2852	490319.73	3859355.34	2.34E-04	2.87E-04	2.52E-04	8.12E-08	2.45E-07	1.42E-07	1.74E-07	1.58E-07	7.19E-08	6.31E-08	2.71E-09	6.55E-08	1.45E-08	2.36E-08	3.74E-08	6.60E-09	3.31E-08	1.83E-07
2853	490069.73	3859405.34	2.26E-04	2.77E-04	2.43E-04	7.84E-08	2.37E-07	1.37E-07	1.68E-07	1.52E-07	6.94E-08	6.09E-08	2.62E-09	6.32E-08	1.40E-08	2.28E-08	3.61E-08	6.37E-09	3.20E-08	1.77E-07

2854	490119.73	3859405.34	2.25E-04	2.76E-04	2.42E-04	7.81E-08	2.36E-07	1.37E-07	1.67E-07	1.52E-07	6.92E-08	6.07E-08	2.61E-09	6.30E-08	1.39E-08	2.27E-08	3.60E-08	6.35E-09	3.19E-08	1.77E-07
2855	490169.73	3859405.34	2.25E-04	2.76E-04	2.42E-04	7.80E-08	2.35E-07	1.36E-07	1.67E-07	1.51E-07	6.90E-08	6.06E-08	2.60E-09	6.29E-08	1.39E-08	2.27E-08	3.59E-08	6.34E-09	3.18E-08	1.76E-07
2856	490219.73	3859405.34	2.24E-04	2.75E-04	2.41E-04	7.78E-08	2.35E-07	1.36E-07	1.67E-07	1.51E-07	6.89E-08	6.05E-08	2.60E-09	6.28E-08	1.38E-08	2.26E-08	3.59E-08	6.32E-09	3.17E-08	1.76E-07
2857	490269.73	3859405.34	2.24E-04	2.74E-04	2.41E-04	7.76E-08	2.34E-07	1.36E-07	1.66E-07	1.51E-07	6.87E-08	6.03E-08	2.59E-09	6.26E-08	1.38E-08	2.26E-08	3.58E-08	6.31E-09	3.17E-08	1.75E-07
2858	490319.73	3859405.34	2.23E-04	2.73E-04	2.40E-04	7.74E-08	2.34E-07	1.35E-07	1.66E-07	1.50E-07	6.85E-08	6.01E-08	2.58E-09	6.24E-08	1.38E-08	2.25E-08	3.57E-08	6.29E-09	3.16E-08	1.75E-07
2859	490161.89	3859541.83	1.96E-04	2.40E-04	2.11E-04	6.79E-08	2.05E-07	1.19E-07	1.45E-07	1.32E-07	6.01E-08	5.27E-08	2.27E-09	5.48E-08	1.21E-08	1.97E-08	3.13E-08	5.52E-09	2.77E-08	1.53E-07
2860	490171.89	3859541.83	1.96E-04	2.40E-04	2.11E-04	6.79E-08	2.05E-07	1.19E-07	1.45E-07	1.32E-07	6.01E-08	5.27E-08	2.27E-09	5.48E-08	1.21E-08	1.97E-08	3.13E-08	5.52E-09	2.77E-08	1.53E-07
2861	490161.89	3859551.83	1.94E-04	2.38E-04	2.08E-04	6.72E-08	2.03E-07	1.18E-07	1.44E-07	1.30E-07	5.95E-08	5.22E-08	2.24E-09	5.42E-08	1.20E-08	1.95E-08	3.10E-08	5.46E-09	2.74E-08	1.52E-07
2862	490171.89	3859551.83	1.94E-04	2.38E-04	2.08E-04	6.72E-08	2.03E-07	1.18E-07	1.44E-07	1.30E-07	5.95E-08	5.22E-08	2.24E-09	5.42E-08	1.20E-08	1.95E-08	3.10E-08	5.46E-09	2.74E-08	1.52E-07
2863	489799.72	3859348.21	2.45E-04	3.00E-04	2.64E-04	8.49E-08	2.56E-07	1.48E-07	1.82E-07	1.65E-07	7.52E-08	6.60E-08	2.84E-09	6.85E-08	1.51E-08	2.47E-08	3.92E-08	6.90E-09	3.47E-08	1.92E-07
2864	489819.72	3859348.21	2.45E-04	3.00E-04	2.63E-04	8.49E-08	2.56E-07	1.48E-07	1.82E-07	1.65E-07	7.52E-08	6.60E-08	2.83E-09	6.85E-08	1.51E-08	2.47E-08	3.91E-08	6.90E-09	3.46E-08	1.92E-07
2865	489799.72	3859368.21	2.39E-04	2.93E-04	2.57E-04	8.28E-08	2.50E-07	1.45E-07	1.77E-07	1.61E-07	7.34E-08	6.44E-08	2.77E-09	6.68E-08	1.47E-08	2.41E-08	3.82E-08	6.73E-09	3.38E-08	1.87E-07
2866	489819.72	3859368.21	2.39E-04	2.93E-04	2.57E-04	8.28E-08	2.50E-07	1.45E-07	1.77E-07	1.61E-07	7.33E-08	6.44E-08	2.77E-09	6.68E-08	1.47E-08	2.41E-08	3.82E-08	6.73E-09	3.38E-08	1.87E-07
2867	489775.41	3859329.72	2.51E-04	3.08E-04	2.70E-04	8.70E-08	2.63E-07	1.52E-07	1.86E-07	1.69E-07	7.71E-08	6.76E-08	2.91E-09	7.02E-08	1.55E-08	2.53E-08	4.01E-08	7.07E-09	3.55E-08	1.97E-07
2868	489795.41	3859329.72	2.51E-04	3.07E-04	2.70E-04	8.69E-08	2.63E-07	1.52E-07	1.86E-07	1.69E-07	7.70E-08	6.76E-08	2.90E-09	7.01E-08	1.55E-08	2.53E-08	4.01E-08	7.07E-09	3.55E-08	1.96E-07
2869	489775.41	3859349.72	2.45E-04	3.00E-04	2.63E-04	8.48E-08	2.56E-07	1.48E-07	1.82E-07	1.65E-07	7.51E-08	6.59E-08	2.83E-09	6.84E-08	1.51E-08	2.47E-08	3.91E-08	6.89E-09	3.46E-08	1.92E-07
2870	489795.41	3859349.72	2.45E-04	3.00E-04	2.63E-04	8.48E-08	2.56E-07	1.48E-07	1.82E-07	1.65E-07	7.51E-08	6.59E-08	2.83E-09	6.84E-08	1.51E-08	2.47E-08	3.91E-08	6.89E-09	3.46E-08	1.92E-07
2871	489595.05	3859219.43	2.97E-04	3.63E-04	3.19E-04	1.03E-07	3.10E-07	1.80E-07	2.20E-07	2.00E-07	9.10E-08	7.99E-08	3.43E-09	8.29E-08	1.83E-08	2.99E-08	4.74E-08	8.35E-09	4.19E-08	2.32E-07
2872	489615.05	3859219.43	2.96E-04	3.63E-04	3.19E-04	1.03E-07	3.10E-07	1.79E-07	2.20E-07	1.99E-07	9.09E-08	7.98E-08	3.43E-09	8.28E-08	1.83E-08	2.98E-08	4.73E-08	8.34E-09	4.19E-08	2.32E-07
2873	489595.05	3859239.43	2.87E-04	3.52E-04	3.09E-04	9.96E-08	3.01E-07	1.74E-07	2.13E-07	1.93E-07	8.82E-08	7.74E-08	3.33E-09	8.03E-08	1.77E-08	2.90E-08	4.59E-08	8.09E-09	4.06E-08	2.25E-07
2874	489615.05	3859239.43	2.87E-04	3.52E-04	3.09E-04	9.95E-08	3.00E-07	1.74E-07	2.13E-07	1.93E-07	8.81E-08	7.74E-08	3.32E-09	8.03E-08	1.77E-08	2.89E-08	4.59E-08	8.09E-09	4.06E-08	2.25E-07
2875	489372.4	3859092.58	3.87E-04	4.74E-04	4.16E-04	1.34E-07	4.05E-07	2.34E-07	2.87E-07	2.60E-07	1.19E-07	1.04E-07	4.48E-09	1.08E-07	2.39E-08	3.90E-08	6.18E-08	1.09E-08	5.47E-08	3.03E-07
2876	489422.4	3859092.58	3.83E-04	4.69E-04	4.12E-04	1.33E-07	4.01E-07	2.32E-07	2.84E-07	2.58E-07	1.18E-07	1.03E-07	4.43E-09	1.07E-07	2.36E-08	3.86E-08	6.12E-08	1.08E-08	5.42E-08	3.00E-07
2877	489372.4	3859142.58	3.46E-04	4.24E-04	3.72E-04	1.20E-07	3.62E-07	2.10E-07	2.57E-07	2.33E-07	1.06E-07	9.33E-08	4.01E-09	9.67E-08	2.13E-08	3.49E-08	5.53E-08	9.75E-09	4.90E-08	2.71E-07
2878	489422.4	3859142.58	3.45E-04	4.23E-04	3.71E-04	1.20E-07	3.61E-07	2.09E-07	2.56E-07	2.32E-07	1.06E-07	9.30E-08	3.99E-09	9.64E-08	2.13E-08	3.48E-08	5.51E-08	9.72E-09	4.88E-08	2.70E-07
2879	488870.84	3858666.64	1.49E-03	1.82E-03	1.61E-03	5.16E-07	1.56E-06	9.02E-07	1.10E-06	1.00E-06	4.57E-07	4.02E-07	1.72E-08	4.16E-07	9.18E-08	1.50E-07	2.38E-07	4.19E-08	2.11E-07	1.17E-06
2880	488900.84	3858666.64	1.40E-03	1.71E-03	1.51E-03	4.85E-07	1.46E-06	8.47E-07	1.04E-06	9.41E-07	4.29E-07	3.78E-07	1.62E-08	3.91E-07	8.63E-08	1.41E-07	2.24E-07	3.94E-08	1.98E-07	1.10E-06
2881	488870.84	3858696.64	1.61E-03	1.98E-03	1.74E-03	5.59E-07	1.69E-06	9.77E-07	1.20E-06	1.09E-06	4.95E-07	4.36E-07	1.87E-08	4.51E-07	9.95E-08	1.63E-07	2.58E-07	4.55E-08	2.29E-07	1.26E-06
2882	488900.84	3858696.64	1.50E-03	1.84E-03	1.62E-03	5.21E-07	1.57E-06	9.10E-07	1.11E-06	1.01E-06	4.61E-07	4.06E-07	1.74E-08	4.20E-07	9.27E-08	1.51E-07	2.40E-07	4.23E-08	2.13E-07	1.18E-06
2883	488889.67	3858683.97	1.49E-03	1.83E-03	1.61E-03	5.17E-07	1.56E-06	9.03E-07	1.11E-06	1.00E-06	4.58E-07	4.03E-07	1.73E-08	4.17E-07	9.20E-08	1.50E-07	2.38E-07	4.20E-08	2.12E-07	1.17E-06
2884	488919.67	3858683.97	1.40E-03	1.72E-03	1.51E-03	4.85E-07	1.46E-06	8.48E-07	1.04E-06	9.42E-07	4.30E-07	3.78E-07	1.62E-08	3.91E-07	8.64E-08	1.41E-07	2.24E-07	3.94E-08	1.99E-07	1.10E-06
2885	488889.67	3858713.97	1.62E-03	1.98E-03	1.75E-03	5.61E-07	1.69E-06	9.80E-07	1.20E-06	1.09E-06	4.97E-07	4.37E-07	1.87E-08	4.52E-07	9.98E-08	1.63E-07	2.59E-07	4.56E-08	2.30E-07	1.27E-06
2886	488919.67	3858713.97	1.50E-03	1.84E-03	1.62E-03	5.21E-07	1.57E-06	9.11E-07	1.12E-06	1.01E-06	4.62E-07	4.07E-07	1.74E-08	4.20E-07	9.28E-08	1.52E-07	2.40E-07	4.24E-08	2.13E-07	1.18E-06
2887	488906.61	3858703.33	1.51E-03	1.85E-03	1.63E-03	5.23E-07	1.58E-06	9.14E-07	1.12E-06	1.01E-06	4.63E-07	4.08E-07	1.75E-08	4.22E-07	9.30E-08	1.52E-07	2.41E-07	4.25E-08	2.14E-07	1.18E-06
2888	488936.61	3858703.33	1.41E-03	1.73E-03	1.52E-03	4.89E-07	1.48E-06	8.55E-07	1.05E-06	9.50E-07	4.33E-07	3.82E-07	1.63E-08	3.95E-07	8.71E-08	1.42E-07	2.26E-07	3.98E-08	2.00E-07	1.11E-06
2889	488906.61	3858733.33	1.64E-03	2.01E-03	1.77E-03	5.67E-07	1.71E-06	9.92E-07	1.21E-06	1.10E-06	5.03E-07	4.43E-07	1.89E-08	4.58E-07	1.01E-07	1.65E-07	2.62E-07	4.61E-08	2.32E-07	1.28E-06
2890	488936.61	3858733.33	1.52E-03	1.86E-03	1.64E-03	5.26E-07	1.59E-06	9.19E-07	1.13E-06	1.02E-06	4.66E-07	4.10E-07	1.76E-08	4.24E-07	9.36E-08	1.53E-07	2.43E-07	4.28E-08	2.15E-07	1.19E-06
2891	488637.63	3858467.85	1.48E-03	1.82E-03	1.60E-03	5.14E-07	1.55E-06	8.99E-07	1.10E-06	9.99E-07	4.56E-07	4.01E-07	1.72E-08	4.15E-07	9.16E-08	1.50E-07	2.37E-07	4.18E-08	2.10E-07	1.16E-06
2892	488662.63	3858467.85	1.42E-03	1.74E-03	1.53E-03	4.92E-07	1.49E-06	8.61E-07	1.05E-06	9.56E-07	4.36E-07	3.84E-07	1.64E-08	3.97E-07	8.76E-08	1.43E-07	2.27E-07	4.00E-08	2.01E-07	1.11E-06
2893	488637.63	3858492.85	1.57E-03	1.93E-03	1.70E-03	5.45E-07	1.65E-06	9.53E-07	1.17E-06	1.06E-06	4.83E-07	4.25E-07	1.82E-08	4.40E-07	9.70E-08	1.59E-07	2.51E-07	4.43E-08	2.23E-07	1.23E-06
2894	488662.63	3858492.85	1.50E-03	1.84E-03	1.62E-03	5.19E-07	1.57E-06	9.08E-07	1.11E-06	1.01E-06	4.60E-07	4.05E-07	1.73E-08	4.19E-07	9.24E-08	1.51E-07	2.40E-07	4.22E-08	2.12E-07	1.17E-06
2895	488687.63	3858492.85	1.43E-03	1.75E-03	1.54E-03	4.96E-07	1.50E-06	8.67E-07	1.06E-06	9.63E-07	4.39E-07	3.87E-07	1.66E-08	4.00E-07	8.83E-08	1.44E-07	2.29E-07	4.03E-08	2.03E-07	1.12E-06
2896	488637.63	3858517.85	1.68E-03	2.06E-03	1.81E-03	5.83E-07	1.76E-06	1.02E-06	1.25E-06	1.13E-06	5.16E-07	4.55E-07	1.95E-08	4.70E-07	1.04E-07	1.69E-07	2.69E-07	4.74E-08	2.39E-07	1.32E-06
2897	488662.63	3858517.85	1.59E-03	1.95E-03	1.72E-03	5.52E-07	1.67E-06	9.64E-07	1.18E-06	1.07E-06	4.89E-07	4.30E-07	1.84E-08	4.45E-07	9.82E-08	1.60E-07	2.55E-07	4.49E-08	2.26E-07	1.25E-06
2898	488687.63	3858517.85	1.51E-03	1.85E-03	1.63E-03	5.25E-07	1.58E-06	9.17E-07	1.12E-06	1.02E-06	4.65E-07	4.09E-07	1.75E-08	4.23E-07	9.34E-08	1.53E-07	2.42E-07	4.26E-08	2.15E-07	1.19E-06
2899	488194.42	3857168.98	1.70E-03	2.09E-03	1.81E-03	5.91E-07	1.78E-06	1.03E-06	1.26E-06	1.15E-06	5.23E-07	4.54E-07	1.97E-08	4.76E-07	1.05E-07	1.72E-07	2.72E-07	4.80E-08	2.39E-07	1.33E-06
2900	488244.42	3857168.98	1.64E-03	2.01E-03	1.75E-03	5.69E-07	1.72E-06	9.95E-07	1.22E-06	1.11E-06	5.04E-07	4.38E-07	1.90E-08	4.59E-07	1.01E-07	1.66E-07	2.63E-07	4.63E-08	2.30E-07	1.28E-06
2901	488294.42	3857168.98	1.59E-03	1.95E-03	1.69E-03	5.51E-07	1.66E-06	9.62E-07	1.18E-06	1.07E-06	4.87E-07	4.24E-07	1.84E-08	4.44E-07	9.80E-08	1.60E-07	2.54E-07	4.47E-08	2.22E-07	1.24E-06
2902	488244.42	3857218.98	1.67E-03	2.04E-03	1.77E-03	5.78E-07	1.75E-06	1.01E-06	1.24E-06	1.12E-06	5.12E-07	4.45E-07	1.93E-08	4.66E-07	1.03E-07	1.68E-07	2.66E-07	4.70E-08	2.33E-07	1.30E-06
2903	488294.42	3857218.98	1.61E-03	1.97E-03	1.71E-03	5.58E-07	1.68E-06	9.75E-07	1.19E-06	1.08E-06	4.94E-07	4.29E-07	1.86E-08	4.50E-07	9.93E-08	1.62E-07	2.57E-07	4.53E-08	2.25E-07	1.26E-06
2904	488294.42	3857268.98	1.63E-03	1.99E-03	1.73E-03	5.64E-07	1.70E-06	9.86E-07	1.21E-06	1.10E-06	5.00E-07	4.34E-07	1.88E-08	4.55E-07	1.00E-07	1.64E-07	2.60E-07	4.59E-08	2.28E-07	1.27E-06
2905	488139.13	3857111.68	1.74E-03	2.13E-03	1.85E-03	6.02E-07	1.82E-06	1.05E-06	1.29E-06	1.17E-06	5.33E-07	4.64E-07	2.01E-08	4.86E-07	1.07E-07	1.75E-07	2.78E-07	4.89E-08	2.43E-07	1.36E-06
2906	488189.13	3857111.68	1.68E-03	2.05E-03	1.79E-03	5.81E-07	1.75E-06	1.02E-06	1.24E-06	1.13E-06	5.14E-07	4.47E-07	1.94E-08	4.68E-07	1.03E-07	1.69E-07	2.68E-07	4.72E-08	2.35E-07	1.31E-06
2907	488189.13	3857161.68	1.71E-03	2.09E-03	1.82E-03	5.91E-07	1.79E-06	1.03E-06	1.27E-06	1.15E-06	5.24E-07	4.55E-07	1.97E-08	4.77E-07	1.05E-07	1.72E-07	2.73E-07	4.81E-08	2.39E-07	1.33E-06
2908	487951.04	3856961.26	1.88E-03	2.30E-03	2.01E-03	6.51E-07	1.97E-06	1.14E-06	1.39E-06	1.26E-06	5.77E-07	5.04E-07	2.17E-08	5.25E-07	1.16E-07	1.89E-07	3.00E-07	5.29E-08	2.65E-07	1.47E-06

2909	488001.04	3856961.26	1.81E-03	2.22E-03	1.94E-03	6.29E-07	1.90E-06	1.10E-06	1.35E-06	1.22E-06	5.57E-07	4.87E-07	2.10E-08	5.07E-07	1.12E-07	1.83E-07	2.90E-07	5.11E-08	2.55E-07	1.42E-06
2910	488051.04	3856961.26	1.76E-03	2.15E-03	1.88E-03	6.09E-07	1.84E-06	1.06E-06	1.30E-06	1.18E-06	5.39E-07	4.71E-07	2.03E-08	4.91E-07	1.08E-07	1.77E-07	2.81E-07	4.95E-08	2.47E-07	1.37E-06
2911	488101.04	3856961.26	1.70E-03	2.08E-03	1.81E-03	5.88E-07	1.77E-06	1.03E-06	1.26E-06	1.14E-06	5.20E-07	4.54E-07	1.96E-08	4.74E-07	1.05E-07	1.71E-07	2.71E-07	4.77E-08	2.39E-07	1.33E-06
2912	487951.04	3857011.26	1.91E-03	2.34E-03	2.04E-03	6.61E-07	2.00E-06	1.16E-06	1.42E-06	1.28E-06	5.85E-07	5.11E-07	2.21E-08	5.33E-07	1.18E-07	1.92E-07	3.05E-07	5.37E-08	2.68E-07	1.49E-06
2913	488001.04	3857011.26	1.85E-03	2.26E-03	1.97E-03	6.40E-07	1.93E-06	1.12E-06	1.37E-06	1.24E-06	5.66E-07	4.94E-07	2.14E-08	5.16E-07	1.14E-07	1.86E-07	2.95E-07	5.20E-08	2.59E-07	1.44E-06
2914	488051.04	3857011.26	1.79E-03	2.19E-03	1.91E-03	6.19E-07	1.87E-06	1.08E-06	1.33E-06	1.20E-06	5.48E-07	4.78E-07	2.07E-08	4.99E-07	1.10E-07	1.80E-07	2.85E-07	5.03E-08	2.51E-07	1.40E-06
2915	488101.04	3857011.26	1.72E-03	2.11E-03	1.84E-03	5.97E-07	1.80E-06	1.04E-06	1.28E-06	1.16E-06	5.29E-07	4.61E-07	1.99E-08	4.82E-07	1.06E-07	1.74E-07	2.75E-07	4.85E-08	2.42E-07	1.35E-06
2916	488001.04	3857061.26	1.88E-03	2.30E-03	2.00E-03	6.51E-07	1.97E-06	1.14E-06	1.39E-06	1.26E-06	5.76E-07	5.02E-07	2.17E-08	5.25E-07	1.16E-07	1.89E-07	3.00E-07	5.29E-08	2.63E-07	1.47E-06
2917	488051.04	3857061.26	1.81E-03	2.22E-03	1.93E-03	6.28E-07	1.90E-06	1.10E-06	1.35E-06	1.22E-06	5.56E-07	4.85E-07	2.10E-08	5.07E-07	1.12E-07	1.83E-07	2.90E-07	5.11E-08	2.54E-07	1.42E-06
2918	488101.04	3857061.26	1.75E-03	2.14E-03	1.87E-03	6.07E-07	1.83E-06	1.06E-06	1.30E-06	1.18E-06	5.37E-07	4.68E-07	2.03E-08	4.89E-07	1.08E-07	1.76E-07	2.80E-07	4.93E-08	2.46E-07	1.37E-06
2919	487638.98	3856673.79	2.10E-03	2.58E-03	2.27E-03	7.29E-07	2.20E-06	1.27E-06	1.56E-06	1.41E-06	6.45E-07	5.68E-07	2.43E-08	5.88E-07	1.30E-07	2.12E-07	3.36E-07	5.92E-08	2.98E-07	1.65E-06
2920	487688.98	3856673.79	2.03E-03	2.48E-03	2.18E-03	7.02E-07	2.12E-06	1.23E-06	1.50E-06	1.36E-06	6.22E-07	5.47E-07	2.34E-08	5.66E-07	1.25E-07	2.04E-07	3.24E-07	5.70E-08	2.87E-07	1.59E-06
2921	487638.98	3856723.79	2.17E-03	2.66E-03	2.34E-03	7.52E-07	2.27E-06	1.31E-06	1.61E-06	1.46E-06	6.66E-07	5.85E-07	2.51E-08	6.06E-07	1.34E-07	2.18E-07	3.47E-07	6.11E-08	3.07E-07	1.70E-06
2922	487688.98	3856723.79	2.09E-03	2.55E-03	2.25E-03	7.23E-07	2.18E-06	1.26E-06	1.55E-06	1.40E-06	6.40E-07	5.63E-07	2.41E-08	5.83E-07	1.29E-07	2.10E-07	3.33E-07	5.87E-08	2.95E-07	1.63E-06
2923	486324.61	3855740.57	2.25E-03	2.76E-03	2.42E-03	7.80E-07	2.35E-06	1.36E-06	1.67E-06	1.51E-06	6.90E-07	6.08E-07	2.60E-08	6.29E-07	1.39E-07	2.27E-07	3.60E-07	6.34E-08	3.19E-07	1.76E-06
2924	486374.61	3855740.57	2.10E-03	2.57E-03	2.26E-03	7.28E-07	2.20E-06	1.27E-06	1.56E-06	1.41E-06	6.45E-07	5.67E-07	2.43E-08	5.87E-07	1.30E-07	2.12E-07	3.36E-07	5.92E-08	2.98E-07	1.65E-06
2925	486424.61	3855740.57	2.01E-03	2.46E-03	2.17E-03	6.96E-07	2.10E-06	1.22E-06	1.49E-06	1.35E-06	6.17E-07	5.43E-07	2.33E-08	5.62E-07	1.24E-07	2.02E-07	3.21E-07	5.66E-08	2.85E-07	1.57E-06
2926	486324.61	3855790.57	2.36E-03	2.90E-03	2.55E-03	8.20E-07	2.47E-06	1.43E-06	1.75E-06	1.59E-06	7.26E-07	6.39E-07	2.74E-08	6.61E-07	1.46E-07	2.38E-07	3.78E-07	6.66E-08	3.35E-07	1.85E-06
2927	486374.61	3855790.57	2.21E-03	2.71E-03	2.38E-03	7.67E-07	2.32E-06	1.34E-06	1.64E-06	1.49E-06	6.79E-07	5.98E-07	2.56E-08	6.18E-07	1.36E-07	2.23E-07	3.54E-07	6.23E-08	3.14E-07	1.73E-06
2928	486424.61	3855790.57	2.13E-03	2.61E-03	2.30E-03	7.39E-07	2.23E-06	1.29E-06	1.58E-06	1.43E-06	6.54E-07	5.76E-07	2.47E-08	5.96E-07	1.31E-07	2.15E-07	3.41E-07	6.00E-08	3.02E-07	1.67E-06
2929	486324.61	3855840.57	2.49E-03	3.05E-03	2.68E-03	8.63E-07	2.60E-06	1.51E-06	1.85E-06	1.67E-06	7.64E-07	6.72E-07	2.88E-08	6.96E-07	1.54E-07	2.51E-07	3.98E-07	7.01E-08	3.53E-07	1.95E-06
2930	486374.61	3855840.57	2.38E-03	2.91E-03	2.57E-03	8.25E-07	2.49E-06	1.44E-06	1.77E-06	1.60E-06	7.30E-07	6.43E-07	2.75E-08	6.65E-07	1.47E-07	2.40E-07	3.80E-07	6.70E-08	3.37E-07	1.86E-06
2931	486424.61	3855840.57	2.27E-03	2.77E-03	2.44E-03	7.85E-07	2.37E-06	1.37E-06	1.68E-06	1.52E-06	6.95E-07	6.12E-07	2.62E-08	6.33E-07	1.40E-07	2.28E-07	3.62E-07	6.38E-08	3.21E-07	1.77E-06
2932	486324.61	3855890.57	2.69E-03	3.30E-03	2.90E-03	9.33E-07	2.82E-06	1.63E-06	2.00E-06	1.81E-06	8.26E-07	7.27E-07	3.11E-08	7.52E-07	1.66E-07	2.71E-07	4.30E-07	7.58E-08	3.82E-07	2.11E-06
2933	486374.61	3855890.57	2.56E-03	3.13E-03	2.76E-03	8.86E-07	2.67E-06	1.55E-06	1.90E-06	1.72E-06	7.85E-07	6.91E-07	2.96E-08	7.15E-07	1.58E-07	2.58E-07	4.09E-07	7.20E-08	3.62E-07	2.00E-06
2934	486424.61	3855890.57	2.42E-03	2.96E-03	2.61E-03	8.39E-07	2.53E-06	1.47E-06	1.80E-06	1.63E-06	7.43E-07	6.54E-07	2.80E-08	6.76E-07	1.49E-07	2.44E-07	3.87E-07	6.82E-08	3.43E-07	1.90E-06
2935	488735.69	3858285.64	1.06E-03	1.29E-03	1.14E-03	3.66E-07	1.10E-06	6.39E-07	7.83E-07	7.10E-07	3.24E-07	2.85E-07	1.22E-08	2.95E-07	6.51E-08	1.06E-07	1.69E-07	2.97E-08	1.49E-07	8.26E-07
2936	488765.69	3858285.64	1.03E-03	1.26E-03	1.11E-03	3.57E-07	1.08E-06	6.24E-07	7.64E-07	6.93E-07	3.16E-07	2.78E-07	1.19E-08	2.88E-07	6.35E-08	1.04E-07	1.65E-07	2.90E-08	1.46E-07	8.07E-07
2937	488735.69	3858315.64	1.08E-03	1.32E-03	1.16E-03	3.73E-07	1.12E-06	6.51E-07	7.98E-07	7.23E-07	3.30E-07	2.90E-07	1.24E-08	3.01E-07	6.63E-08	1.08E-07	1.72E-07	3.03E-08	1.52E-07	8.42E-07
2938	488765.69	3858315.64	1.05E-03	1.28E-03	1.13E-03	3.63E-07	1.10E-06	6.35E-07	7.77E-07	7.05E-07	3.21E-07	2.83E-07	1.21E-08	2.93E-07	6.46E-08	1.06E-07	1.67E-07	2.95E-08	1.48E-07	8.20E-07
2939	478676.63	3849871.93	2.61E-05	3.20E-05	2.81E-05	9.05E-09	2.73E-08	1.58E-08	1.94E-08	1.76E-08	8.02E-09	7.03E-09	3.02E-10	7.30E-09	1.61E-09	2.63E-09	4.17E-09	7.36E-10	3.69E-09	2.04E-08
2940	479326.63	3849871.93	3.21E-05	3.94E-05	3.45E-05	1.11E-08	3.36E-08	1.95E-08	2.38E-08	2.16E-08	9.86E-09	8.64E-09	3.72E-10	8.98E-09	1.98E-09	3.24E-09	5.13E-09	9.05E-10	4.54E-09	2.51E-08
2941	479376.63	3849871.93	3.24E-05	3.97E-05	3.48E-05	1.12E-08	3.39E-08	1.97E-08	2.41E-08	2.18E-08	9.96E-09	8.73E-09	3.75E-10	9.07E-09	2.00E-09	3.27E-09	5.19E-09	9.14E-10	4.58E-09	2.54E-08
2942	479426.63	3849871.93	3.28E-05	4.02E-05	3.52E-05	1.14E-08	3.43E-08	1.99E-08	2.44E-08	2.21E-08	1.01E-08	8.83E-09	3.80E-10	9.17E-09	2.02E-09	3.31E-09	5.25E-09	9.24E-10	4.63E-09	2.57E-08
2943	478726.63	3849921.93	2.66E-05	3.26E-05	2.86E-05	9.21E-09	2.78E-08	1.61E-08	1.97E-08	1.79E-08	8.16E-09	7.16E-09	3.08E-10	7.43E-09	1.64E-09	2.68E-09	4.25E-09	7.49E-10	3.76E-09	2.08E-08
2944	478776.63	3849921.93	2.71E-05	3.32E-05	2.91E-05	9.38E-09	2.83E-08	1.64E-08	2.01E-08	1.82E-08	8.31E-09	7.29E-09	3.13E-10	7.57E-09	1.67E-09	2.73E-09	4.33E-09	7.62E-10	3.82E-09	2.12E-08
2945	478826.63	3849921.93	2.75E-05	3.37E-05	2.96E-05	9.55E-09	2.88E-08	1.67E-08	2.04E-08	1.85E-08	8.46E-09	7.42E-09	3.19E-10	7.70E-09	1.70E-09	2.78E-09	4.40E-09	7.76E-10	3.89E-09	2.16E-08
2946	478976.63	3849921.93	2.90E-05	3.56E-05	3.12E-05	1.01E-08	3.04E-08	1.76E-08	2.15E-08	1.95E-08	8.91E-09	7.82E-09	3.36E-10	8.12E-09	1.79E-09	2.93E-09	4.64E-09	8.18E-10	4.10E-09	2.27E-08
2947	479026.63	3849921.93	2.97E-05	3.64E-05	3.19E-05	1.03E-08	3.11E-08	1.80E-08	2.21E-08	2.00E-08	9.13E-09	8.00E-09	3.44E-10	8.31E-09	1.83E-09	3.00E-09	4.75E-09	8.37E-10	4.20E-09	2.33E-08
2948	479076.63	3849921.93	3.03E-05	3.71E-05	3.25E-05	1.05E-08	3.17E-08	1.84E-08	2.25E-08	2.04E-08	9.30E-09	8.15E-09	3.51E-10	8.47E-09	1.87E-09	3.05E-09	4.84E-09	8.53E-10	4.28E-09	2.37E-08
2949	479126.63	3849921.93	3.08E-05	3.77E-05	3.31E-05	1.07E-08	3.22E-08	1.87E-08	2.29E-08	2.07E-08	9.46E-09	8.29E-09	3.57E-10	8.61E-09	1.90E-09	3.10E-09	4.93E-09	8.68E-10	4.35E-09	2.41E-08
2950	479176.63	3849921.93	3.14E-05	3.85E-05	3.37E-05	1.09E-08	3.29E-08	1.90E-08	2.33E-08	2.11E-08	9.64E-09	8.46E-09	3.64E-10	8.78E-09	1.94E-09	3.16E-09	5.02E-09	8.85E-10	4.44E-09	2.46E-08
2951	479226.63	3849921.93	3.17E-05	3.89E-05	3.41E-05	1.10E-08	3.32E-08	1.92E-08	2.35E-08	2.13E-08	9.74E-09	8.54E-09	3.67E-10	8.87E-09	1.96E-09	3.20E-09	5.07E-09	8.94E-10	4.48E-09	2.48E-08
2952	479276.63	3849921.93	3.17E-05	3.89E-05	3.41E-05	1.10E-08	3.32E-08	1.92E-08	2.36E-08	2.14E-08	9.74E-09	8.54E-09	3.67E-10	8.87E-09	1.96E-09	3.20E-09	5.07E-09	8.94E-10	4.48E-09	2.48E-08
2953	479326.63	3849921.93	3.27E-05	4.01E-05	3.51E-05	1.13E-08	3.42E-08	1.98E-08	2.43E-08	2.20E-08	1.00E-08	8.80E-09	3.78E-10	9.14E-09	2.02E-09	3.29E-09	5.23E-09	9.21E-10	4.62E-09	2.56E-08
2954	479376.63	3849921.93	3.27E-05	4.00E-05	3.51E-05	1.13E-08	3.42E-08	1.98E-08	2.42E-08	2.20E-08	1.00E-08	8.79E-09	3.78E-10	9.13E-09	2.01E-09	3.29E-09	5.22E-09	9.20E-10	4.61E-09	2.56E-08
2955	479426.63	3849921.93	3.33E-05	4.08E-05	3.58E-05	1.16E-08	3.49E-08	2.02E-08	2.47E-08	2.24E-08	1.02E-08	8.97E-09	3.86E-10	9.32E-09	2.06E-09	3.36E-09	5.33E-09	9.39E-10	4.71E-09	2.61E-08
2956	478726.63	3849971.93	2.66E-05	3.26E-05	2.86E-05	9.21E-09	2.78E-08	1.61E-08	1.97E-08	1.79E-08	8.16E-09	7.16E-09	3.08E-10	7.43E-09	1.64E-09	2.68E-09	4.25E-09	7.49E-10	3.76E-09	2.08E-08
2957	478776.63	3849971.93	2.70E-05	3.31E-05	2.91E-05	9.37E-09	2.83E-08	1.64E-08	2.01E-08	1.82E-08	8.30E-09	7.28E-09	3.13E-10	7.56E-09	1.67E-09	2.72E-09	4.32E-09	7.61E-10	3.82E-09	2.12E-08
2958	478826.63	3849971.93	2.75E-05	3.37E-05	2.95E-05	9.53E-09	2.88E-08	1.67E-08	2.04E-08	1.85E-08	8.44E-09	7.40E-09	3.18E-10	7.69E-09	1.70E-09	2.77E-09	4.39E-09	7.74E-10	3.89E-09	2.15E-08
2959	478976.63	3849971.93	2.92E-05	3.58E-05	3.14E-05	1.01E-08	3.06E-08	1.77E-08	2.17E-08	1.96E-08	8.97E-09	7.86E-09	3.38E-10	8.17E-09	1.80E-09	2.94E-09	4.67E-09	8.23E-10	4.13E-09	2.29E-08
2960	479026.63	3849971.93	2.97E-05	3.64E-05	3.19E-05	1.03E-08	3.11E-08	1.80E-08	2.20E-08	2.00E-08	9.12E-09	8.00E-09	3.44E-10	8.31E-09	1.83E-09	2.99E-09	4.75E-09	8.37E-10	4.20E-09	2.33E-08
2961	479076.63	3849971.93	3.02E-05	3.70E-05	3.25E-05	1.05E-08	3.16E-08	1.83E-08	2.24E-08	2.03E-08	9.28E-09	8.13E-09	3.50E-10	8.45E-09	1.86E-09	3.04E-09	4.83E-09	8.51E-10	4.27E-09	2.37E-08
2962	479126.63	3849971.93	3.08E-05	3.77E-05	3.31E-05	1.07E-08	3.22E-08	1.86E-08	2.28E-08	2.07E-08	9.45E-09	8.29E-09	3.56E-10	8.60E-09	1.90E-09	3.10E-09	4.92E-09	8.67E-10	4.35E-09	2.41E-08
2963	479176.63	3849971.93	3.14E-05	3.84E-05	3.37E-05	1.09E-08	3.28E-08	1.90E-08	2.33E-08	2.11E-08	9.63E-09	8.44E-09	3.63E-10	8.77E-09	1.93E-09	3.16E-09	5.01E-09	8.83E-10	4.43E-09	2.46E-08

2964	479226.63	3849971.93	3.13E-05	3.83E-05	3.36E-05	1.08E-08	3.27E-08	1.89E-08	2.32E-08	2.10E-08	9.60E-09	8.42E-09	3.62E-10	8.74E-09	1.93E-09	3.15E-09	5.00E-09	8.81E-10	4.42E-09	2.45E-08
2965	479276.63	3849971.93	3.22E-05	3.95E-05	3.46E-05	1.12E-08	3.37E-08	1.95E-08	2.39E-08	2.17E-08	9.89E-09	8.68E-09	3.73E-10	9.01E-09	1.99E-09	3.25E-09	5.15E-09	9.08E-10	4.55E-09	2.52E-08
2966	479326.63	3849971.93	3.30E-05	4.04E-05	3.54E-05	1.14E-08	3.45E-08	2.00E-08	2.45E-08	2.22E-08	1.01E-08	8.88E-09	3.82E-10	9.22E-09	2.04E-09	3.32E-09	5.27E-09	9.29E-10	4.66E-09	2.58E-08
2967	479376.63	3849971.93	3.30E-05	4.05E-05	3.55E-05	1.14E-08	3.46E-08	2.00E-08	2.45E-08	2.22E-08	1.01E-08	8.89E-09	3.82E-10	9.24E-09	2.04E-09	3.33E-09	5.28E-09	9.31E-10	4.67E-09	2.59E-08
2968	479426.63	3849971.93	3.36E-05	4.11E-05	3.61E-05	1.16E-08	3.51E-08	2.03E-08	2.49E-08	2.26E-08	1.03E-08	9.03E-09	3.89E-10	9.38E-09	2.07E-09	3.38E-09	5.37E-09	9.46E-10	4.74E-09	2.63E-08
2969	478726.63	3850021.93	2.66E-05	3.26E-05	2.86E-05	9.21E-09	2.78E-08	1.61E-08	1.97E-08	1.79E-08	8.16E-09	7.16E-09	3.08E-10	7.43E-09	1.64E-09	2.68E-09	4.25E-09	7.49E-10	3.76E-09	2.08E-08
2970	478776.63	3850021.93	2.70E-05	3.31E-05	2.90E-05	9.36E-09	2.83E-08	1.64E-08	2.00E-08	1.82E-08	8.29E-09	7.27E-09	3.13E-10	7.55E-09	1.67E-09	2.72E-09	4.32E-09	7.61E-10	3.82E-09	2.11E-08
2971	478826.63	3850021.93	2.75E-05	3.37E-05	2.95E-05	9.52E-09	2.88E-08	1.66E-08	2.04E-08	1.85E-08	8.44E-09	7.40E-09	3.18E-10	7.68E-09	1.70E-09	2.77E-09	4.39E-09	7.74E-10	3.88E-09	2.15E-08
2972	478976.63	3850021.93	2.92E-05	3.57E-05	3.13E-05	1.01E-08	3.05E-08	1.77E-08	2.16E-08	1.96E-08	8.95E-09	7.85E-09	3.37E-10	8.15E-09	1.80E-09	2.94E-09	4.66E-09	8.21E-10	4.12E-09	2.28E-08
2973	478726.63	3850071.93	2.66E-05	3.26E-05	2.86E-05	9.23E-09	2.79E-08	1.61E-08	1.98E-08	1.79E-08	8.18E-09	7.17E-09	3.08E-10	7.45E-09	1.64E-09	2.68E-09	4.26E-09	7.50E-10	3.76E-09	2.09E-08
2974	478776.63	3850071.93	2.71E-05	3.31E-05	2.91E-05	9.38E-09	2.83E-08	1.64E-08	2.01E-08	1.82E-08	8.30E-09	7.28E-09	3.13E-10	7.56E-09	1.67E-09	2.73E-09	4.32E-09	7.62E-10	3.82E-09	2.12E-08
2975	478826.63	3850071.93	2.75E-05	3.37E-05	2.96E-05	9.53E-09	2.88E-08	1.67E-08	2.04E-08	1.85E-08	8.44E-09	7.41E-09	3.18E-10	7.69E-09	1.70E-09	2.77E-09	4.40E-09	7.75E-10	3.89E-09	2.15E-08
2976	478876.63	3850071.93	2.80E-05	3.43E-05	3.01E-05	9.71E-09	2.93E-08	1.70E-08	2.08E-08	1.88E-08	8.60E-09	7.54E-09	3.24E-10	7.83E-09	1.73E-09	2.82E-09	4.48E-09	7.89E-10	3.96E-09	2.19E-08
2977	478976.63	3850071.93	2.91E-05	3.57E-05	3.13E-05	1.01E-08	3.05E-08	1.77E-08	2.16E-08	1.96E-08	8.94E-09	7.85E-09	3.37E-10	8.15E-09	1.80E-09	2.94E-09	4.66E-09	8.21E-10	4.12E-09	2.28E-08
2978	478726.63	3850121.93	2.67E-05	3.28E-05	2.87E-05	9.27E-09	2.80E-08	1.62E-08	1.98E-08	1.80E-08	8.21E-09	7.20E-09	3.10E-10	7.48E-09	1.65E-09	2.69E-09	4.27E-09	7.53E-10	3.78E-09	2.09E-08
2979	478776.63	3850121.93	2.72E-05	3.33E-05	2.92E-05	9.42E-09	2.84E-08	1.65E-08	2.02E-08	1.83E-08	8.34E-09	7.32E-09	3.15E-10	7.60E-09	1.68E-09	2.74E-09	4.34E-09	7.66E-10	3.84E-09	2.13E-08
2980	478826.63	3850121.93	2.76E-05	3.38E-05	2.97E-05	9.56E-09	2.89E-08	1.67E-08	2.05E-08	1.86E-08	8.47E-09	7.43E-09	3.19E-10	7.71E-09	1.70E-09	2.78E-09	4.41E-09	7.77E-10	3.90E-09	2.16E-08
2981	478876.63	3850121.93	2.80E-05	3.43E-05	3.01E-05	9.71E-09	2.93E-08	1.70E-08	2.08E-08	1.89E-08	8.60E-09	7.55E-09	3.24E-10	7.84E-09	1.73E-09	2.82E-09	4.48E-09	7.90E-10	3.96E-09	2.19E-08
2982	478976.63	3850121.93	2.92E-05	3.57E-05	3.13E-05	1.01E-08	3.05E-08	1.77E-08	2.16E-08	1.96E-08	8.95E-09	7.85E-09	3.37E-10	8.15E-09	1.80E-09	2.94E-09	4.66E-09	8.21E-10	4.12E-09	2.28E-08
2983	479026.63	3850121.93	2.97E-05	3.64E-05	3.19E-05	1.03E-08	3.11E-08	1.80E-08	2.20E-08	2.00E-08	9.12E-09	8.00E-09	3.44E-10	8.30E-09	1.83E-09	2.99E-09	4.75E-09	8.37E-10	4.20E-09	2.33E-08
2984	479076.63	3850121.93	3.02E-05	3.70E-05	3.25E-05	1.05E-08	3.16E-08	1.83E-08	2.24E-08	2.03E-08	9.28E-09	8.14E-09	3.50E-10	8.45E-09	1.86E-09	3.05E-09	4.83E-09	8.51E-10	4.27E-09	2.37E-08
2985	479126.63	3850121.93	3.08E-05	3.77E-05	3.31E-05	1.07E-08	3.22E-08	1.86E-08	2.28E-08	2.07E-08	9.44E-09	8.28E-09	3.56E-10	8.60E-09	1.90E-09	3.10E-09	4.92E-09	8.67E-10	4.35E-09	2.41E-08
2986	478776.63	3850171.93	2.73E-05	3.34E-05	2.93E-05	9.44E-09	2.85E-08	1.65E-08	2.02E-08	1.83E-08	8.36E-09	7.34E-09	3.15E-10	7.62E-09	1.68E-09	2.75E-09	4.36E-09	7.68E-10	3.85E-09	2.13E-08
2987	478826.63	3850171.93	2.76E-05	3.39E-05	2.97E-05	9.58E-09	2.89E-08	1.67E-08	2.05E-08	1.86E-08	8.49E-09	7.44E-09	3.20E-10	7.73E-09	1.71E-09	2.79E-09	4.42E-09	7.79E-10	3.91E-09	2.16E-08
2988	478876.63	3850171.93	2.81E-05	3.44E-05	3.02E-05	9.73E-09	2.94E-08	1.70E-08	2.08E-08	1.89E-08	8.62E-09	7.56E-09	3.25E-10	7.85E-09	1.73E-09	2.83E-09	4.49E-09	7.91E-10	3.97E-09	2.20E-08
2989	478976.63	3850171.93	2.92E-05	3.57E-05	3.13E-05	1.01E-08	3.05E-08	1.77E-08	2.16E-08	1.96E-08	8.95E-09	7.85E-09	3.37E-10	8.15E-09	1.80E-09	2.94E-09	4.66E-09	8.21E-10	4.12E-09	2.28E-08
2990	479026.63	3850171.93	2.97E-05	3.64E-05	3.20E-05	1.03E-08	3.11E-08	1.80E-08	2.21E-08	2.00E-08	9.13E-09	8.01E-09	3.44E-10	8.31E-09	1.83E-09	3.00E-09	4.75E-09	8.38E-10	4.20E-09	2.33E-08
2991	479076.63	3850171.93	3.03E-05	3.71E-05	3.25E-05	1.05E-08	3.17E-08	1.83E-08	2.24E-08	2.03E-08	9.29E-09	8.15E-09	3.50E-10	8.46E-09	1.87E-09	3.05E-09	4.84E-09	8.52E-10	4.28E-09	2.37E-08
2992	479126.63	3850171.93	3.08E-05	3.77E-05	3.31E-05	1.07E-08	3.22E-08	1.87E-08	2.28E-08	2.07E-08	9.45E-09	8.29E-09	3.56E-10	8.61E-09	1.90E-09	3.10E-09	4.92E-09	8.67E-10	4.35E-09	2.41E-08
2993	479176.63	3850171.93	3.14E-05	3.85E-05	3.37E-05	1.09E-08	3.29E-08	1.90E-08	2.33E-08	2.11E-08	9.64E-09	8.46E-09	3.63E-10	8.78E-09	1.94E-09	3.16E-09	5.02E-09	8.85E-10	4.44E-09	2.46E-08
2994	479226.63	3850171.93	3.22E-05	3.94E-05	3.46E-05	1.11E-08	3.37E-08	1.95E-08	2.39E-08	2.16E-08	9.87E-09	8.66E-09	3.72E-10	8.99E-09	1.98E-09	3.24E-09	5.14E-09	9.06E-10	4.55E-09	2.52E-08
2995	479276.63	3850171.93	3.29E-05	4.03E-05	3.54E-05	1.14E-08	3.44E-08	1.99E-08	2.44E-08	2.21E-08	1.01E-08	8.86E-09	3.81E-10	9.20E-09	2.03E-09	3.32E-09	5.26E-09	9.27E-10	4.65E-09	2.58E-08
2996	479326.63	3850171.93	3.34E-05	4.09E-05	3.59E-05	1.16E-08	3.50E-08	2.02E-08	2.48E-08	2.25E-08	1.03E-08	9.00E-09	3.87E-10	9.34E-09	2.06E-09	3.37E-09	5.34E-09	9.41E-10	4.72E-09	2.62E-08
2997	479376.63	3850171.93	3.39E-05	4.15E-05	3.64E-05	1.18E-08	3.55E-08	2.05E-08	2.52E-08	2.28E-08	1.04E-08	9.13E-09	3.92E-10	9.48E-09	2.09E-09	3.42E-09	5.42E-09	9.55E-10	4.79E-09	2.65E-08
2998	478676.63	3850221.93	2.66E-05	3.25E-05	2.86E-05	9.21E-09	2.78E-08	1.61E-08	1.97E-08	1.79E-08	8.15E-09	7.15E-09	3.07E-10	7.43E-09	1.64E-09	2.68E-09	4.25E-09	7.48E-10	3.75E-09	2.08E-08
2999	478726.63	3850221.93	2.70E-05	3.30E-05	2.90E-05	9.35E-09	2.82E-08	1.63E-08	2.00E-08	1.81E-08	8.28E-09	7.26E-09	3.12E-10	7.54E-09	1.66E-09	2.72E-09	4.31E-09	7.60E-10	3.81E-09	2.11E-08
3000	478976.63	3850221.93	2.92E-05	3.58E-05	3.14E-05	1.01E-08	3.06E-08	1.77E-08	2.17E-08	1.96E-08	8.97E-09	7.87E-09	3.38E-10	8.17E-09	1.80E-09	2.94E-09	4.67E-09	8.23E-10	4.13E-09	2.29E-08
3001	479026.63	3850221.93	2.98E-05	3.65E-05	3.20E-05	1.03E-08	3.11E-08	1.80E-08	2.21E-08	2.00E-08	9.14E-09	8.01E-09	3.44E-10	8.32E-09	1.84E-09	3.00E-09	4.76E-09	8.38E-10	4.21E-09	2.33E-08
3002	479076.63	3850221.93	3.03E-05	3.71E-05	3.25E-05	1.05E-08	3.17E-08	1.83E-08	2.25E-08	2.04E-08	9.29E-09	8.15E-09	3.50E-10	8.46E-09	1.87E-09	3.05E-09	4.84E-09	8.53E-10	4.28E-09	2.37E-08
3003	479126.63	3850221.93	3.08E-05	3.78E-05	3.31E-05	1.07E-08	3.23E-08	1.87E-08	2.29E-08	2.07E-08	9.46E-09	8.30E-09	3.57E-10	8.62E-09	1.90E-09	3.11E-09	4.93E-09	8.69E-10	4.36E-09	2.41E-08
3004	479176.63	3850221.93	3.15E-05	3.86E-05	3.39E-05	1.09E-08	3.30E-08	1.91E-08	2.34E-08	2.12E-08	9.67E-09	8.48E-09	3.65E-10	8.81E-09	1.94E-09	3.17E-09	5.04E-09	8.87E-10	4.45E-09	2.47E-08
3005	479226.63	3850221.93	3.22E-05	3.94E-05	3.46E-05	1.12E-08	3.37E-08	1.95E-08	2.39E-08	2.17E-08	9.88E-09	8.67E-09	3.73E-10	9.00E-09	1.99E-09	3.24E-09	5.15E-09	9.07E-10	4.55E-09	2.52E-08
3006	479276.63	3850221.93	3.29E-05	4.03E-05	3.53E-05	1.14E-08	3.44E-08	1.99E-08	2.44E-08	2.21E-08	1.01E-08	8.85E-09	3.80E-10	9.19E-09	2.03E-09	3.31E-09	5.25E-09	9.26E-10	4.64E-09	2.57E-08
3007	479326.63	3850221.93	3.34E-05	4.09E-05	3.59E-05	1.16E-08	3.49E-08	2.02E-08	2.48E-08	2.24E-08	1.02E-08	8.98E-09	3.86E-10	9.33E-09	2.06E-09	3.36E-09	5.33E-09	9.40E-10	4.72E-09	2.61E-08
3008	479376.63	3850221.93	3.39E-05	4.16E-05	3.65E-05	1.18E-08	3.55E-08	2.06E-08	2.52E-08	2.28E-08	1.04E-08	9.14E-09	3.93E-10	9.49E-09	2.09E-09	3.42E-09	5.42E-09	9.56E-10	4.79E-09	2.66E-08
3009	478676.63	3850271.93	2.68E-05	3.28E-05	2.88E-05	9.28E-09	2.80E-08	1.62E-08	1.99E-08	1.80E-08	8.22E-09	7.21E-09	3.10E-10	7.49E-09	1.65E-09	2.70E-09	4.28E-09	7.54E-10	3.78E-09	2.10E-08
3010	478726.63	3850271.93	2.71E-05	3.33E-05	2.92E-05	9.41E-09	2.84E-08	1.64E-08	2.01E-08	1.83E-08	8.33E-09	7.31E-09	3.14E-10	7.59E-09	1.67E-09	2.74E-09	4.34E-09	7.65E-10	3.84E-09	2.13E-08
3011	478976.63	3850271.93	2.92E-05	3.58E-05	3.14E-05	1.01E-08	3.06E-08	1.77E-08	2.17E-08	1.97E-08	8.98E-09	7.87E-09	3.38E-10	8.17E-09	1.80E-09	2.95E-09	4.67E-09	8.24E-10	4.13E-09	2.29E-08
3012	479026.63	3850271.93	2.98E-05	3.65E-05	3.20E-05	1.03E-08	3.12E-08	1.80E-08	2.21E-08	2.00E-08	9.14E-09	8.02E-09	3.45E-10	8.33E-09	1.84E-09	3.00E-09	4.76E-09	8.39E-10	4.21E-09	2.33E-08
3013	479076.63	3850271.93	3.03E-05	3.71E-05	3.26E-05	1.05E-08	3.17E-08	1.84E-08	2.25E-08	2.04E-08	9.31E-09	8.17E-09	3.51E-10	8.48E-09	1.87E-09	3.06E-09	4.85E-09	8.54E-10	4.29E-09	2.37E-08
3014	479126.63	3850271.93	3.09E-05	3.78E-05	3.32E-05	1.07E-08	3.23E-08	1.87E-08	2.29E-08	2.08E-08	9.48E-09	8.32E-09	3.57E-10	8.63E-09	1.90E-09	3.11E-09	4.94E-09	8.70E-10	4.36E-09	2.42E-08
3015	479176.63	3850271.93	3.15E-05	3.86E-05	3.38E-05	1.09E-08	3.30E-08	1.91E-08	2.34E-08	2.12E-08	9.67E-09	8.48E-09	3.64E-10	8.80E-09	1.94E-09	3.17E-09	5.03E-09	8.87E-10	4.45E-09	2.47E-08
3016	479226.63	3850271.93	3.21E-05	3.94E-05	3.45E-05	1.11E-08	3.36E-08	1.95E-08	2.39E-08	2.16E-08	9.87E-09	8.66E-09	3.72E-10	8.99E-09	1.98E-09	3.24E-09	5.14E-09	9.06E-10	4.54E-09	2.52E-08
3017	479276.63	3850271.93	3.28E-05	4.01E-05	3.52E-05	1.14E-08	3.43E-08	1.98E-08	2.43E-08	2.20E-08	1.01E-08	8.82E-09	3.79E-10	9.16E-09	2.02E-09	3.30E-09	5.24E-09	9.23E-10	4.63E-09	2.56E-08
3018	479326.63	3850271.93	3.33E-05	4.08E-05	3.58E-05	1.15E-08	3.49E-08	2.02E-08	2.47E-08	2.24E-08	1.02E-08	8.97E-09	3.86E-10	9.31E-09	2.06E-09	3.36E-09	5.33E-09	9.39E-10	4.71E-09	2.61E-08

3019	479376.63	3850271.93	3.38E-05	4.14E-05	3.63E-05	1.17E-08	3.54E-08	2.05E-08	2.51E-08	2.28E-08	1.04E-08	9.11E-09	3.91E-10	9.45E-09	2.09E-09	3.41E-09	5.41E-09	9.53E-10	4.78E-09	2.65E-08
3020	479053.24	3850293.52	3.01E-05	3.69E-05	3.24E-05	1.04E-08	3.15E-08	1.82E-08	2.23E-08	2.03E-08	9.24E-09	8.11E-09	3.48E-10	8.42E-09	1.86E-09	3.03E-09	4.81E-09	8.48E-10	4.25E-09	2.36E-08
3021	479103.24	3850293.52	3.07E-05	3.76E-05	3.29E-05	1.06E-08	3.21E-08	1.86E-08	2.27E-08	2.06E-08	9.41E-09	8.26E-09	3.55E-10	8.57E-09	1.89E-09	3.09E-09	4.90E-09	8.64E-10	4.33E-09	2.40E-08
3022	479153.24	3850293.52	3.12E-05	3.82E-05	3.35E-05	1.08E-08	3.26E-08	1.89E-08	2.31E-08	2.10E-08	9.57E-09	8.40E-09	3.61E-10	8.72E-09	1.92E-09	3.14E-09	4.99E-09	8.79E-10	4.41E-09	2.44E-08
3023	479203.24	3850293.52	3.18E-05	3.90E-05	3.42E-05	1.10E-08	3.33E-08	1.93E-08	2.36E-08	2.14E-08	9.77E-09	8.57E-09	3.69E-10	8.90E-09	1.96E-09	3.21E-09	5.09E-09	8.97E-10	4.50E-09	2.49E-08
3024	479253.24	3850293.52	3.25E-05	3.98E-05	3.49E-05	1.13E-08	3.40E-08	1.97E-08	2.41E-08	2.18E-08	9.97E-09	8.75E-09	3.76E-10	9.08E-09	2.00E-09	3.27E-09	5.19E-09	9.15E-10	4.59E-09	2.54E-08
3025	479303.24	3850293.52	3.30E-05	4.04E-05	3.55E-05	1.14E-08	3.45E-08	2.00E-08	2.45E-08	2.22E-08	1.01E-08	8.89E-09	3.82E-10	9.23E-09	2.04E-09	3.33E-09	5.28E-09	9.30E-10	4.67E-09	2.58E-08
3026	479353.24	3850293.52	3.36E-05	4.11E-05	3.61E-05	1.16E-08	3.51E-08	2.03E-08	2.49E-08	2.26E-08	1.03E-08	9.04E-09	3.88E-10	9.38E-09	2.07E-09	3.38E-09	5.36E-09	9.45E-10	4.74E-09	2.63E-08
3027	479153.24	3850343.52	3.13E-05	3.83E-05	3.36E-05	1.08E-08	3.27E-08	1.89E-08	2.32E-08	2.10E-08	9.59E-09	8.42E-09	3.62E-10	8.74E-09	1.93E-09	3.15E-09	4.99E-09	8.80E-10	4.42E-09	2.45E-08
3028	479203.24	3850343.52	3.18E-05	3.90E-05	3.42E-05	1.10E-08	3.33E-08	1.93E-08	2.36E-08	2.14E-08	9.77E-09	8.58E-09	3.69E-10	8.90E-09	1.96E-09	3.21E-09	5.09E-09	8.97E-10	4.50E-09	2.49E-08
3029	479253.24	3850343.52	3.24E-05	3.97E-05	3.48E-05	1.12E-08	3.39E-08	1.96E-08	2.40E-08	2.18E-08	9.94E-09	8.72E-09	3.75E-10	9.05E-09	2.00E-09	3.26E-09	5.18E-09	9.12E-10	4.58E-09	2.54E-08
3030	479303.24	3850343.52	3.29E-05	4.03E-05	3.54E-05	1.14E-08	3.45E-08	1.99E-08	2.44E-08	2.21E-08	1.01E-08	8.87E-09	3.81E-10	9.20E-09	2.03E-09	3.32E-09	5.26E-09	9.28E-10	4.65E-09	2.58E-08
3031	479353.24	3850343.52	3.34E-05	4.10E-05	3.59E-05	1.16E-08	3.50E-08	2.03E-08	2.48E-08	2.25E-08	1.03E-08	9.01E-09	3.87E-10	9.35E-09	2.06E-09	3.37E-09	5.35E-09	9.42E-10	4.73E-09	2.62E-08
3032	479203.24	3850393.52	3.18E-05	3.89E-05	3.42E-05	1.10E-08	3.33E-08	1.92E-08	2.36E-08	2.14E-08	9.75E-09	8.56E-09	3.68E-10	8.88E-09	1.96E-09	3.20E-09	5.08E-09	8.95E-10	4.49E-09	2.49E-08
3033	479253.24	3850393.52	3.23E-05	3.96E-05	3.47E-05	1.12E-08	3.38E-08	1.96E-08	2.40E-08	2.17E-08	9.92E-09	8.71E-09	3.74E-10	9.04E-09	1.99E-09	3.26E-09	5.17E-09	9.11E-10	4.57E-09	2.53E-08
3034	479303.24	3850393.52	3.29E-05	4.03E-05	3.53E-05	1.14E-08	3.44E-08	1.99E-08	2.44E-08	2.21E-08	1.01E-08	8.85E-09	3.80E-10	9.19E-09	2.03E-09	3.31E-09	5.25E-09	9.26E-10	4.65E-09	2.57E-08
3035	479353.24	3850393.52	3.34E-05	4.09E-05	3.59E-05	1.16E-08	3.49E-08	2.02E-08	2.48E-08	2.25E-08	1.03E-08	8.99E-09	3.87E-10	9.34E-09	2.06E-09	3.36E-09	5.34E-09	9.41E-10	4.72E-09	2.61E-08
3036	479403.24	3850393.52	3.39E-05	4.16E-05	3.65E-05	1.18E-08	3.55E-08	2.06E-08	2.52E-08	2.28E-08	1.04E-08	9.14E-09	3.93E-10	9.49E-09	2.09E-09	3.42E-09	5.42E-09	9.56E-10	4.80E-09	2.66E-08
3037	479453.24	3850393.52	3.45E-05	4.22E-05	3.70E-05	1.19E-08	3.61E-08	2.09E-08	2.56E-08	2.32E-08	1.06E-08	9.28E-09	3.99E-10	9.63E-09	2.13E-09	3.47E-09	5.51E-09	9.71E-10	4.87E-09	2.70E-08
3038	479503.24	3850393.52	3.49E-05	4.28E-05	3.75E-05	1.21E-08	3.65E-08	2.12E-08	2.59E-08	2.35E-08	1.07E-08	9.40E-09	4.04E-10	9.76E-09	2.15E-09	3.52E-09	5.58E-09	9.84E-10	4.93E-09	2.73E-08
3039	479303.24	3850443.52	3.28E-05	4.01E-05	3.52E-05	1.14E-08	3.43E-08	1.98E-08	2.43E-08	2.20E-08	1.01E-08	8.82E-09	3.79E-10	9.16E-09	2.02E-09	3.30E-09	5.24E-09	9.23E-10	4.63E-09	2.56E-08
3040	479353.24	3850443.52	3.33E-05	4.08E-05	3.58E-05	1.15E-08	3.48E-08	2.02E-08	2.47E-08	2.24E-08	1.02E-08	8.96E-09	3.85E-10	9.30E-09	2.05E-09	3.35E-09	5.32E-09	9.38E-10	4.70E-09	2.61E-08
3041	479403.24	3850443.52	3.38E-05	4.14E-05	3.63E-05	1.17E-08	3.53E-08	2.05E-08	2.51E-08	2.27E-08	1.04E-08	9.09E-09	3.91E-10	9.44E-09	2.08E-09	3.40E-09	5.40E-09	9.51E-10	4.77E-09	2.64E-08
3042	479453.24	3850443.52	3.43E-05	4.20E-05	3.69E-05	1.19E-08	3.59E-08	2.08E-08	2.54E-08	2.31E-08	1.05E-08	9.23E-09	3.97E-10	9.59E-09	2.12E-09	3.46E-09	5.48E-09	9.66E-10	4.85E-09	2.68E-08
3043	479503.24	3850443.52	3.48E-05	4.26E-05	3.74E-05	1.21E-08	3.64E-08	2.11E-08	2.58E-08	2.34E-08	1.07E-08	9.36E-09	4.02E-10	9.72E-09	2.15E-09	3.50E-09	5.56E-09	9.80E-10	4.91E-09	2.72E-08
3044	480327.18	3850987.04	4.60E-05	5.63E-05	4.94E-05	1.59E-08	4.81E-08	2.78E-08	3.41E-08	3.09E-08	1.41E-08	1.24E-08	5.32E-10	1.28E-08	2.84E-09	4.63E-09	7.35E-09	1.29E-09	6.49E-09	3.60E-08
3045	480377.18	3850987.04	4.66E-05	5.71E-05	5.00E-05	1.61E-08	4.87E-08	2.82E-08	3.46E-08	3.13E-08	1.43E-08	1.25E-08	5.39E-10	1.30E-08	2.87E-09	4.69E-09	7.44E-09	1.31E-09	6.58E-09	3.65E-08
3046	480427.18	3850987.04	4.72E-05	5.78E-05	5.07E-05	1.64E-08	4.94E-08	2.86E-08	3.50E-08	3.17E-08	1.45E-08	1.27E-08	5.46E-10	1.32E-08	2.91E-09	4.75E-09	7.54E-09	1.33E-09	6.67E-09	3.69E-08
3047	480477.18	3850987.04	4.77E-05	5.84E-05	5.12E-05	1.65E-08	4.99E-08	2.89E-08	3.54E-08	3.21E-08	1.46E-08	1.28E-08	5.52E-10	1.33E-08	2.94E-09	4.81E-09	7.62E-09	1.34E-09	6.74E-09	3.73E-08
3048	480327.18	3851037.04	4.60E-05	5.64E-05	4.94E-05	1.59E-08	4.81E-08	2.79E-08	3.41E-08	3.09E-08	1.41E-08	1.24E-08	5.32E-10	1.29E-08	2.84E-09	4.64E-09	7.35E-09	1.30E-09	6.50E-09	3.60E-08
3049	480377.18	3851037.04	4.67E-05	5.72E-05	5.02E-05	1.62E-08	4.89E-08	2.83E-08	3.47E-08	3.14E-08	1.43E-08	1.26E-08	5.41E-10	1.31E-08	2.88E-09	4.71E-09	7.47E-09	1.32E-09	6.60E-09	3.66E-08
3050	480427.18	3851037.04	4.74E-05	5.80E-05	5.09E-05	1.64E-08	4.96E-08	2.87E-08	3.51E-08	3.19E-08	1.45E-08	1.28E-08	5.48E-10	1.32E-08	2.92E-09	4.77E-09	7.57E-09	1.33E-09	6.69E-09	3.71E-08
3051	480477.18	3851037.04	4.80E-05	5.88E-05	5.15E-05	1.66E-08	5.02E-08	2.91E-08	3.56E-08	3.23E-08	1.47E-08	1.29E-08	5.55E-10	1.34E-08	2.96E-09	4.83E-09	7.67E-09	1.35E-09	6.78E-09	3.75E-08
3052	480622.06	3851087.39	4.98E-05	6.10E-05	5.35E-05	1.73E-08	5.21E-08	3.02E-08	3.70E-08	3.35E-08	1.53E-08	1.34E-08	5.77E-10	1.39E-08	3.07E-09	5.02E-09	7.96E-09	1.40E-09	7.04E-09	3.90E-08
3053	480672.06	3851087.39	5.03E-05	6.16E-05	5.40E-05	1.74E-08	5.26E-08	3.05E-08	3.73E-08	3.38E-08	1.54E-08	1.35E-08	5.82E-10	1.41E-08	3.10E-09	5.07E-09	8.04E-09	1.42E-09	7.10E-09	3.94E-08
3054	480622.06	3851137.39	5.02E-05	6.15E-05	5.39E-05	1.74E-08	5.25E-08	3.04E-08	3.72E-08	3.37E-08	1.54E-08	1.35E-08	5.81E-10	1.40E-08	3.09E-09	5.05E-09	8.02E-09	1.41E-09	7.09E-09	3.93E-08
3055	480672.06	3851137.39	5.07E-05	6.21E-05	5.45E-05	1.76E-08	5.31E-08	3.07E-08	3.76E-08	3.41E-08	1.56E-08	1.36E-08	5.87E-10	1.42E-08	3.13E-09	5.11E-09	8.10E-09	1.43E-09	7.16E-09	3.97E-08
3056	480722.06	3851137.39	5.12E-05	6.27E-05	5.50E-05	1.77E-08	5.36E-08	3.10E-08	3.80E-08	3.44E-08	1.57E-08	1.38E-08	5.92E-10	1.43E-08	3.16E-09	5.16E-09	8.18E-09	1.44E-09	7.23E-09	4.01E-08
3057	480622.06	3851187.39	5.04E-05	6.18E-05	5.42E-05	1.75E-08	5.28E-08	3.06E-08	3.74E-08	3.39E-08	1.55E-08	1.36E-08	5.84E-10	1.41E-08	3.11E-09	5.08E-09	8.06E-09	1.42E-09	7.13E-09	3.95E-08
3058	480672.06	3851187.39	5.10E-05	6.25E-05	5.48E-05	1.77E-08	5.34E-08	3.09E-08	3.79E-08	3.43E-08	1.57E-08	1.37E-08	5.91E-10	1.43E-08	3.15E-09	5.14E-09	8.16E-09	1.44E-09	7.21E-09	4.00E-08
3059	480722.06	3851187.39	5.16E-05	6.32E-05	5.54E-05	1.79E-08	5.40E-08	3.13E-08	3.83E-08	3.47E-08	1.58E-08	1.39E-08	5.97E-10	1.44E-08	3.18E-09	5.20E-09	8.25E-09	1.45E-09	7.29E-09	4.04E-08
3060	471363.09	3845877.25	7.13E-06	8.73E-06	7.65E-06	2.47E-09	7.46E-09	4.32E-09	5.29E-09	4.79E-09	2.19E-09	1.92E-09	8.25E-11	1.99E-09	4.40E-10	7.18E-10	1.14E-09	2.01E-10	1.01E-09	5.58E-09
3061	471863.09	3845877.25	6.83E-06	8.37E-06	7.34E-06	2.37E-09	7.15E-09	4.14E-09	5.07E-09	4.59E-09	2.10E-09	1.84E-09	7.90E-11	1.91E-09	4.21E-10	6.88E-10	1.09E-09	1.92E-10	9.65E-10	5.35E-09
3062	472363.09	3845877.25	7.44E-06	9.11E-06	7.99E-06	2.58E-09	7.78E-09	4.51E-09	5.52E-09	5.00E-09	2.28E-09	2.00E-09	8.61E-11	2.08E-09	4.59E-10	7.49E-10	1.19E-09	2.09E-10	1.05E-09	5.82E-09
3063	472863.09	3845877.25	6.26E-06	7.67E-06	6.72E-06	2.17E-09	6.55E-09	3.79E-09	4.64E-09	4.21E-09	1.92E-09	1.68E-09	7.24E-11	1.75E-09	3.86E-10	6.31E-10	1.00E-09	1.76E-10	8.84E-10	4.90E-09
3064	473363.09	3845877.25	6.12E-06	7.49E-06	6.57E-06	2.12E-09	6.40E-09	3.71E-09	4.54E-09	4.11E-09	1.88E-09	1.65E-09	7.08E-11	1.71E-09	3.77E-10	6.16E-10	9.78E-10	1.72E-10	8.64E-10	4.79E-09
3065	473863.09	3845877.25	6.42E-06	7.86E-06	6.89E-06	2.22E-09	6.71E-09	3.89E-09	4.76E-09	4.32E-09	1.97E-09	1.73E-09	7.42E-11	1.79E-09	3.96E-10	6.46E-10	1.03E-09	1.81E-10	9.06E-10	5.02E-09
3066	474363.09	3845877.25	7.59E-06	9.30E-06	8.16E-06	2.63E-09	7.95E-09	4.60E-09	5.63E-09	5.11E-09	2.33E-09	2.04E-09	8.79E-11	2.12E-09	4.68E-10	7.65E-10	1.21E-09	2.14E-10	1.07E-09	5.94E-09
3067	474863.09	3845877.25	9.63E-06	1.18E-05	1.03E-05	3.34E-09	1.01E-08	5.83E-09	7.15E-09	6.48E-09	2.96E-09	2.59E-09	1.11E-10	2.69E-09	5.94E-10	9.70E-10	1.54E-09	2.71E-10	1.36E-09	7.54E-09
3068	475363.09	3845877.25	1.22E-05	1.49E-05	1.31E-05	4.22E-09	1.27E-08	7.37E-09	9.03E-09	8.19E-09	3.74E-09	3.28E-09	1.41E-10	3.40E-09	7.51E-10	1.23E-09	1.95E-09	3.43E-10	1.72E-09	9.53E-09
3069	475863.09	3845877.25	1.27E-05	1.55E-05	1.36E-05	4.40E-09	1.33E-08	7.68E-09	9.41E-09	8.53E-09	3.89E-09	3.41E-09	1.47E-10	3.55E-09	7.83E-10	1.28E-09	2.03E-09	3.57E-10	1.79E-09	9.93E-09
3070	476363.09	3845877.25	1.17E-05	1.44E-05	1.26E-05	4.07E-09	1.23E-08	7.11E-09	8.71E-09	7.90E-09	3.60E-09	3.16E-09	1.36E-10	3.28E-09	7.24E-10	1.18E-09	1.88E-09	3.31E-10	1.66E-09	9.19E-09
3071	476863.09	3845877.25	1.06E-05	1.30E-05	1.14E-05	3.67E-09	1.11E-08	6.41E-09	7.85E-09	7.12E-09	3.25E-09	2.85E-09	1.23E-10	2.96E-09	6.53E-10	1.07E-09	1.69E-09	2.98E-10	1.50E-09	8.29E-09
3072	477363.09	3845877.25	8.88E-06	1.09E-05	9.54E-06	3.08E-09	9.30E-09	5.38E-09	6.59E-09	5.98E-09	2.73E-09	2.39E-09	1.03E-10	2.48E-09	5.48E-10	8.95E-10	1.42E-09	2.50E-10	1.25E-09	6.95E-09
3073	477863.09	3845877.25	7.72E-06	9.46E-06	8.29E-06	2.68E-09	8.08E-09	4.68E-09	5.73E-09	5.19E-09	2.37E-09	2.08E-09	8.94E-11	2.16E-09	4.76E-10	7.78E-10	1.23E-09	2.18E-10	1.09E-09	6.04E-09

3074	478363.09	3845877.25	7.44E-06	9.11E-06	8.00E-06	2.58E-09	7.78E-09	4.51E-09	5.52E-09	5.00E-09	2.28E-09	2.00E-09	8.61E-11	2.08E-09	4.59E-10	7.49E-10	1.19E-09	2.10E-10	1.05E-09	5.82E-09
3075	478863.09	3845877.25	7.13E-06	8.74E-06	7.66E-06	2.47E-09	7.46E-09	4.32E-09	5.29E-09	4.80E-09	2.19E-09	1.92E-09	8.25E-11	1.99E-09	4.40E-10	7.18E-10	1.14E-09	2.01E-10	1.01E-09	5.58E-09
3076	479363.09	3845877.25	6.87E-06	8.41E-06	7.38E-06	2.38E-09	7.19E-09	4.16E-09	5.10E-09	4.62E-09	2.11E-09	1.85E-09	7.95E-11	1.92E-09	4.24E-10	6.92E-10	1.10E-09	1.93E-10	9.70E-10	5.38E-09
3077	479863.09	3845877.25	6.64E-06	8.13E-06	7.13E-06	2.30E-09	6.95E-09	4.02E-09	4.93E-09	4.47E-09	2.04E-09	1.79E-09	7.68E-11	1.86E-09	4.10E-10	6.69E-10	1.06E-09	1.87E-10	9.38E-10	5.20E-09
3078	480363.09	3845877.25	5.60E-06	6.86E-06	6.02E-06	1.94E-09	5.86E-09	3.39E-09	4.16E-09	3.77E-09	1.72E-09	1.51E-09	6.48E-11	1.57E-09	3.46E-10	5.64E-10	8.95E-10	1.58E-10	7.92E-10	4.39E-09
3079	480863.09	3845877.25	5.06E-06	6.20E-06	5.44E-06	1.75E-09	5.30E-09	3.07E-09	3.76E-09	3.41E-09	1.55E-09	1.36E-09	5.86E-11	1.42E-09	3.12E-10	5.10E-10	8.09E-10	1.43E-10	7.15E-10	3.96E-09
3080	481363.09	3845877.25	4.67E-06	5.73E-06	5.02E-06	1.62E-09	4.89E-09	2.83E-09	3.47E-09	3.14E-09	1.43E-09	1.26E-09	5.41E-11	1.31E-09	2.88E-10	4.71E-10	7.47E-10	1.32E-10	6.60E-10	3.66E-09
3081	481863.09	3845877.25	4.19E-06	5.13E-06	4.50E-06	1.45E-09	4.38E-09	2.54E-09	3.11E-09	2.82E-09	1.28E-09	1.13E-09	4.84E-11	1.17E-09	2.58E-10	4.22E-10	6.69E-10	1.18E-10	5.91E-10	3.28E-09
3082	482363.09	3845877.25	3.76E-06	4.61E-06	4.05E-06	1.30E-09	3.94E-09	2.28E-09	2.79E-09	2.53E-09	1.16E-09	1.01E-09	4.36E-11	1.05E-09	2.32E-10	3.79E-10	6.02E-10	1.06E-10	5.32E-10	2.95E-09
3083	482863.09	3845877.25	3.05E-06	3.74E-06	3.28E-06	1.06E-09	3.19E-09	1.85E-09	2.26E-09	2.05E-09	9.37E-10	8.21E-10	3.53E-11	8.53E-10	1.88E-10	3.07E-10	4.88E-10	8.59E-11	4.31E-10	2.39E-09
3084	483363.09	3845877.25	2.80E-06	3.43E-06	3.01E-06	9.71E-10	2.93E-09	1.70E-09	2.08E-09	1.88E-09	8.60E-10	7.54E-10	3.24E-11	7.83E-10	1.73E-10	2.82E-10	4.48E-10	7.89E-11	3.96E-10	2.19E-09
3085	483863.09	3845877.25	3.18E-06	3.90E-06	3.42E-06	1.10E-09	3.33E-09	1.93E-09	2.36E-09	2.14E-09	9.76E-10	8.56E-10	3.68E-11	8.89E-10	1.96E-10	3.20E-10	5.08E-10	8.96E-11	4.49E-10	2.49E-09
3086	484363.09	3845877.25	3.12E-06	3.82E-06	3.35E-06	1.08E-09	3.27E-09	1.89E-09	2.32E-09	2.10E-09	9.58E-10	8.41E-10	3.61E-11	8.73E-10	1.93E-10	3.15E-10	4.99E-10	8.79E-11	4.41E-10	2.44E-09
3087	484863.09	3845877.25	2.97E-06	3.63E-06	3.19E-06	1.03E-09	3.10E-09	1.80E-09	2.20E-09	2.00E-09	9.10E-10	7.99E-10	3.43E-11	8.29E-10	1.83E-10	2.99E-10	4.74E-10	8.36E-11	4.19E-10	2.32E-09
3088	485363.09	3845877.25	2.79E-06	3.42E-06	3.00E-06	9.69E-10	2.92E-09	1.69E-09	2.07E-09	1.88E-09	8.58E-10	7.52E-10	3.23E-11	7.81E-10	1.72E-10	2.82E-10	4.47E-10	7.87E-11	3.95E-10	2.19E-09
3089	485863.09	3845877.25	2.74E-06	3.36E-06	2.94E-06	9.50E-10	2.87E-09	1.66E-09	2.03E-09	1.84E-09	8.41E-10	7.37E-10	3.17E-11	7.66E-10	1.69E-10	2.76E-10	4.38E-10	7.72E-11	3.87E-10	2.15E-09
3090	486363.09	3845877.25	2.61E-06	3.20E-06	2.80E-06	9.05E-10	2.73E-09	1.58E-09	1.94E-09	1.76E-09	8.01E-10	7.03E-10	3.02E-11	7.30E-10	1.61E-10	2.63E-10	4.17E-10	7.35E-11	3.69E-10	2.04E-09
3091	486863.09	3845877.25	2.42E-06	2.97E-06	2.60E-06	8.39E-10	2.53E-09	1.47E-09	1.80E-09	1.63E-09	7.43E-10	6.52E-10	2.80E-11	6.77E-10	1.49E-10	2.44E-10	3.87E-10	6.82E-11	3.42E-10	1.90E-09
3092	487363.09	3845877.25	2.37E-06	2.90E-06	2.54E-06	8.20E-10	2.48E-09	1.43E-09	1.76E-09	1.59E-09	7.27E-10	6.37E-10	2.74E-11	6.62E-10	1.46E-10	2.38E-10	3.78E-10	6.67E-11	3.34E-10	1.85E-09
3093	487863.09	3845877.25	2.21E-06	2.71E-06	2.37E-06	7.66E-10	2.31E-09	1.34E-09	1.64E-09	1.49E-09	6.78E-10	5.95E-10	2.56E-11	6.18E-10	1.36E-10	2.23E-10	3.53E-10	6.22E-11	3.12E-10	1.73E-09
3094	488363.09	3845877.25	2.13E-06	2.61E-06	2.28E-06	7.37E-10	2.23E-09	1.29E-09	1.58E-09	1.43E-09	6.53E-10	5.72E-10	2.46E-11	5.95E-10	1.31E-10	2.14E-10	3.40E-10	5.99E-11	3.00E-10	1.67E-09
3095	488863.09	3845877.25	2.34E-06	2.87E-06	2.52E-06	8.12E-10	2.45E-09	1.42E-09	1.74E-09	1.58E-09	7.19E-10	6.31E-10	2.71E-11	6.55E-10	1.45E-10	2.36E-10	3.75E-10	6.60E-11	3.31E-10	1.83E-09
3096	489363.09	3845877.25	2.34E-06	2.87E-06	2.51E-06	8.11E-10	2.45E-09	1.42E-09	1.74E-09	1.57E-09	7.18E-10	6.30E-10	2.71E-11	6.54E-10	1.44E-10	2.36E-10	3.74E-10	6.59E-11	3.31E-10	1.83E-09
3097	489863.09	3845877.25	2.24E-06	2.75E-06	2.41E-06	7.77E-10	2.35E-09	1.36E-09	1.66E-09	1.51E-09	6.88E-10	6.03E-10	2.59E-11	6.27E-10	1.38E-10	2.26E-10	3.58E-10	6.31E-11	3.17E-10	1.76E-09
3098	490363.09	3845877.25	2.13E-06	2.61E-06	2.29E-06	7.39E-10	2.23E-09	1.29E-09	1.58E-09	1.43E-09	6.54E-10	5.73E-10	2.47E-11	5.96E-10	1.31E-10	2.15E-10	3.41E-10	6.00E-11	3.01E-10	1.67E-09
3099	490863.09	3845877.25	1.92E-06	2.35E-06	2.06E-06	6.66E-10	2.01E-09	1.16E-09	1.43E-09	1.29E-09	5.90E-10	5.17E-10	2.22E-11	5.37E-10	1.19E-10	1.94E-10	3.07E-10	5.41E-11	2.71E-10	1.50E-09
3100	491363.09	3845877.25	2.10E-06	2.58E-06	2.26E-06	7.29E-10	2.20E-09	1.27E-09	1.56E-09	1.42E-09	6.46E-10	5.66E-10	2.43E-11	5.88E-10	1.30E-10	2.12E-10	3.36E-10	5.93E-11	2.97E-10	1.65E-09
3101	491863.09	3845877.25	2.26E-06	2.77E-06	2.43E-06	7.84E-10	2.37E-09	1.37E-09	1.68E-09	1.52E-09	6.94E-10	6.08E-10	2.62E-11	6.32E-10	1.39E-10	2.28E-10	3.61E-10	6.37E-11	3.19E-10	1.77E-09
3102	492363.09	3845877.25	2.14E-06	2.62E-06	2.29E-06	7.40E-10	2.24E-09	1.29E-09	1.59E-09	1.44E-09	6.56E-10	5.75E-10	2.47E-11	5.97E-10	1.32E-10	2.15E-10	3.41E-10	6.02E-11	3.02E-10	1.67E-09
3103	492863.09	3845877.25	2.45E-06	3.00E-06	2.63E-06	8.48E-10	2.56E-09	1.48E-09	1.82E-09	1.65E-09	7.51E-10	6.58E-10	2.83E-11	6.84E-10	1.51E-10	2.47E-10	3.91E-10	6.89E-11	3.45E-10	1.92E-09
3104	493363.09	3845877.25	2.64E-06	3.24E-06	2.84E-06	9.17E-10	2.77E-09	1.60E-09	1.96E-09	1.78E-09	8.12E-10	7.12E-10	3.06E-11	7.39E-10	1.63E-10	2.66E-10	4.23E-10	7.45E-11	3.73E-10	2.07E-09
3105	493863.09	3845877.25	2.88E-06	3.52E-06	3.09E-06	9.97E-10	3.01E-09	1.74E-09	2.14E-09	1.94E-09	8.83E-10	7.74E-10	3.33E-11	8.04E-10	1.78E-10	2.90E-10	4.60E-10	8.10E-11	4.06E-10	2.25E-09
3106	494363.09	3845877.25	3.07E-06	3.76E-06	3.30E-06	1.07E-09	3.22E-09	1.86E-09	2.28E-09	2.07E-09	9.43E-10	8.27E-10	3.56E-11	8.59E-10	1.90E-10	3.10E-10	4.91E-10	8.66E-11	4.34E-10	2.41E-09
3107	494863.09	3845877.25	3.25E-06	3.98E-06	3.49E-06	1.13E-09	3.40E-09	1.97E-09	2.41E-09	2.19E-09	9.98E-10	8.75E-10	3.76E-11	9.09E-10	2.01E-10	3.28E-10	5.20E-10	9.16E-11	4.59E-10	2.54E-09
3108	495363.09	3845877.25	3.49E-06	4.27E-06	3.74E-06	1.21E-09	3.65E-09	2.11E-09	2.59E-09	2.35E-09	1.07E-09	9.38E-10	4.03E-11	9.75E-10	2.15E-10	3.51E-10	5.57E-10	9.82E-11	4.92E-10	2.73E-09
3109	495863.09	3845877.25	3.75E-06	4.59E-06	4.02E-06	1.30E-09	3.92E-09	2.27E-09	2.78E-09	2.52E-09	1.15E-09	1.01E-09	4.34E-11	1.05E-09	2.31E-10	3.77E-10	5.99E-10	1.06E-10	5.29E-10	2.93E-09
3110	496363.09	3845877.25	4.03E-06	4.94E-06	4.33E-06	1.40E-09	4.22E-09	2.44E-09	2.99E-09	2.71E-09	1.24E-09	1.08E-09	4.66E-11	1.13E-09	2.49E-10	4.06E-10	6.44E-10	1.13E-10	5.69E-10	3.15E-09
3111	496863.09	3845877.25	4.25E-06	5.21E-06	4.56E-06	1.47E-09	4.45E-09	2.57E-09	3.15E-09	2.86E-09	1.30E-09	1.14E-09	4.92E-11	1.19E-09	2.62E-10	4.28E-10	6.79E-10	1.20E-10	6.00E-10	3.33E-09
3112	497363.09	3845877.25	4.47E-06	5.47E-06	4.79E-06	1.55E-09	4.67E-09	2.70E-09	3.31E-09	3.00E-09	1.37E-09	1.20E-09	5.17E-11	1.25E-09	2.75E-10	4.50E-10	7.14E-10	1.26E-10	6.30E-10	3.50E-09
3113	497863.09	3845877.25	4.74E-06	5.81E-06	5.09E-06	1.64E-09	4.96E-09	2.87E-09	3.52E-09	3.19E-09	1.45E-09	1.27E-09	5.48E-11	1.32E-09	2.92E-10	4.77E-10	7.57E-10	1.33E-10	6.69E-10	3.71E-09
3114	498363.09	3845877.25	5.00E-06	6.12E-06	5.37E-06	1.73E-09	5.23E-09	3.03E-09	3.71E-09	3.36E-09	1.53E-09	1.34E-09	5.78E-11	1.40E-09	3.08E-10	5.04E-10	7.99E-10	1.41E-10	7.06E-10	3.91E-09
3115	471363.09	3846377.25	1.07E-05	1.31E-05	1.15E-05	3.70E-09	1.12E-08	6.48E-09	7.93E-09	7.19E-09	3.28E-09	2.88E-09	1.24E-10	2.99E-09	6.59E-10	1.08E-09	1.71E-09	3.01E-10	1.51E-09	8.37E-09
3116	471863.09	3846377.25	9.95E-06	1.22E-05	1.07E-05	3.45E-09	1.04E-08	6.03E-09	7.38E-09	6.69E-09	3.05E-09	2.68E-09	1.15E-10	2.78E-09	6.14E-10	1.00E-09	1.59E-09	2.80E-10	1.41E-09	7.79E-09
3117	472363.09	3846377.25	7.40E-06	9.07E-06	7.95E-06	2.57E-09	7.75E-09	4.48E-09	5.49E-09	4.98E-09	2.27E-09	1.99E-09	8.57E-11	2.07E-09	4.57E-10	7.46E-10	1.18E-09	2.08E-10	1.05E-09	5.79E-09
3118	472863.09	3846377.25	7.50E-06	9.19E-06	8.05E-06	2.60E-09	7.85E-09	4.54E-09	5.56E-09	5.04E-09	2.30E-09	2.02E-09	8.68E-11	2.10E-09	4.63E-10	7.55E-10	1.20E-09	2.11E-10	1.06E-09	5.87E-09
3119	473363.09	3846377.25	7.40E-06	9.06E-06	7.95E-06	2.56E-09	7.74E-09	4.48E-09	5.49E-09	4.98E-09	2.27E-09	1.99E-09	8.56E-11	2.07E-09	4.56E-10	7.46E-10	1.18E-09	2.08E-10	1.05E-09	5.79E-09
3120	473863.09	3846377.25	7.45E-06	9.13E-06	8.00E-06	2.58E-09	7.80E-09	4.51E-09	5.53E-09	5.01E-09	2.29E-09	2.01E-09	8.62E-11	2.08E-09	4.60E-10	7.51E-10	1.19E-09	2.10E-10	1.05E-09	5.83E-09
3121	474363.09	3846377.25	7.77E-06	9.52E-06	8.34E-06	2.69E-09	8.13E-09	4.71E-09	5.76E-09	5.22E-09	2.38E-09	2.09E-09	8.99E-11	2.17E-09	4.79E-10	7.83E-10	1.24E-09	2.19E-10	1.10E-09	6.08E-09
3122	474863.09	3846377.25	9.01E-06	1.10E-05	9.68E-06	3.12E-09	9.43E-09	5.46E-09	6.68E-09	6.06E-09	2.76E-09	2.42E-09	1.04E-10	2.52E-09	5.56E-10	9.08E-10	1.44E-09	2.54E-10	1.27E-09	7.05E-09
3123	475363.09	3846377.25	1.12E-05	1.37E-05	1.20E-05	3.88E-09	1.17E-08	6.77E-09	8.30E-09	7.52E-09	3.43E-09	3.01E-09	1.29E-10	3.13E-09	6.90E-10	1.13E-09	1.79E-09	3.15E-10	1.58E-09	8.75E-09
3124	475863.09	3846377.25	1.39E-05	1.70E-05	1.49E-05	4.82E-09	1.46E-08	8.42E-09	1.03E-08	9.35E-09	4.27E-09	3.74E-09	1.61E-10	3.89E-09	8.58E-10	1.40E-09	2.22E-09	3.92E-10	1.96E-09	1.09E-08
3125	476363.09	3846377.25	1.39E-05	1.71E-05	1.50E-05	4.83E-09	1.46E-08	8.45E-09	1.04E-08	9.38E-09	4.28E-09	3.75E-09	1.61E-10	3.90E-09	8.60E-10	1.41E-09	2.23E-09	3.93E-10	1.97E-09	1.09E-08
3126	476863.09	3846377.25	1.29E-05	1.58E-05	1.38E-05	4.46E-09	1.35E-08	7.80E-09	9.56E-09	8.66E-09	3.95E-09	3.47E-09	1.49E-10	3.60E-09	7.95E-10	1.30E-09	2.06E-09	3.63E-10	1.82E-09	1.01E-08
3127	477363.09	3846377.25	1.16E-05	1.42E-05	1.25E-05	4.02E-09	1.21E-08	7.03E-09	8.61E-09	7.80E-09	3.56E-09	3.12E-09	1.34E-10	3.24E-09	7.16E-10	1.17E-09	1.85E-09	3.27E-10	1.64E-09	9.08E-09
3128	477863.09	3846377.25	9.45E-06	1.16E-05	1.01E-05	3.27E-09	9.89E-09	5.72E-09	7.01E-09	6.36E-09	2.90E-09	2.54E-09	1.09E-10	2.64E-09	5.83E-10	9.52E-10	1.51E-09	2.66E-10	1.33E-09	7.40E-09

3129	478363.09	3846377.25	8.55E-06	1.05E-05	9.18E-06	2.96E-09	8.94E-09	5.18E-09	6.34E-09	5.75E-09	2.62E-09	2.30E-09	9.89E-11	2.39E-09	5.27E-10	8.61E-10	1.37E-09	2.41E-10	1.21E-09	6.69E-09
3130	478863.09	3846377.25	8.55E-06	1.05E-05	9.18E-06	2.96E-09	8.94E-09	5.18E-09	6.34E-09	5.75E-09	2.62E-09	2.30E-09	9.89E-11	2.39E-09	5.27E-10	8.61E-10	1.37E-09	2.41E-10	1.21E-09	6.69E-09
3131	479363.09	3846377.25	8.20E-06	1.00E-05	8.81E-06	2.84E-09	8.58E-09	4.97E-09	6.08E-09	5.51E-09	2.52E-09	2.21E-09	9.49E-11	2.29E-09	5.06E-10	8.26E-10	1.31E-09	2.31E-10	1.16E-09	6.42E-09
3132	479863.09	3846377.25	7.42E-06	9.09E-06	7.97E-06	2.57E-09	7.76E-09	4.49E-09	5.50E-09	4.99E-09	2.28E-09	2.00E-09	8.58E-11	2.07E-09	4.57E-10	7.47E-10	1.19E-09	2.09E-10	1.05E-09	5.81E-09
3133	480363.09	3846377.25	7.27E-06	8.91E-06	7.81E-06	2.52E-09	7.61E-09	4.40E-09	5.39E-09	4.89E-09	2.23E-09	1.96E-09	8.41E-11	2.03E-09	4.48E-10	7.32E-10	1.16E-09	2.05E-10	1.03E-09	5.69E-09
3134	480863.09	3846377.25	5.96E-06	7.30E-06	6.40E-06	2.07E-09	6.24E-09	3.61E-09	4.42E-09	4.01E-09	1.83E-09	1.60E-09	6.90E-11	1.67E-09	3.68E-10	6.00E-10	9.52E-10	1.68E-10	8.42E-10	4.67E-09
3135	481363.09	3846377.25	5.61E-06	6.87E-06	6.02E-06	1.94E-09	5.87E-09	3.40E-09	4.16E-09	3.77E-09	1.72E-09	1.51E-09	6.49E-11	1.57E-09	3.46E-10	5.65E-10	8.96E-10	1.58E-10	7.92E-10	4.39E-09
3136	481863.09	3846377.25	4.99E-06	6.11E-06	5.36E-06	1.73E-09	5.22E-09	3.02E-09	3.70E-09	3.35E-09	1.53E-09	1.34E-09	5.77E-11	1.39E-09	3.08E-10	5.02E-10	7.97E-10	1.40E-10	7.04E-10	3.90E-09
3137	482363.09	3846377.25	4.29E-06	5.26E-06	4.61E-06	1.49E-09	4.49E-09	2.60E-09	3.19E-09	2.89E-09	1.32E-09	1.16E-09	4.97E-11	1.20E-09	2.65E-10	4.32E-10	6.86E-10	1.21E-10	6.07E-10	3.36E-09
3138	482863.09	3846377.25	3.64E-06	4.46E-06	3.91E-06	1.26E-09	3.81E-09	2.20E-09	2.70E-09	2.45E-09	1.12E-09	9.79E-10	4.21E-11	1.02E-09	2.24E-10	3.66E-10	5.81E-10	1.02E-10	5.14E-10	2.85E-09
3139	483363.09	3846377.25	3.82E-06	4.68E-06	4.10E-06	1.32E-09	3.99E-09	2.31E-09	2.83E-09	2.57E-09	1.17E-09	1.03E-09	4.42E-11	1.07E-09	2.35E-10	3.85E-10	6.10E-10	1.08E-10	5.39E-10	2.99E-09
3140	483863.09	3846377.25	3.65E-06	4.47E-06	3.92E-06	1.27E-09	3.82E-09	2.21E-09	2.71E-09	2.46E-09	1.12E-09	9.83E-10	4.23E-11	1.02E-09	2.25E-10	3.68E-10	5.84E-10	1.03E-10	5.16E-10	2.86E-09
3141	484363.09	3846377.25	3.26E-06	3.99E-06	3.50E-06	1.13E-09	3.41E-09	1.98E-09	2.42E-09	2.19E-09	1.00E-09	8.78E-10	3.77E-11	9.12E-10	2.01E-10	3.29E-10	5.21E-10	9.19E-11	4.61E-10	2.55E-09
3142	484863.09	3846377.25	3.49E-06	4.28E-06	3.75E-06	1.21E-09	3.66E-09	2.12E-09	2.59E-09	2.35E-09	1.07E-09	9.40E-10	4.04E-11	9.76E-10	2.15E-10	3.52E-10	5.58E-10	9.84E-11	4.94E-10	2.73E-09
3143	485363.09	3846377.25	3.42E-06	4.19E-06	3.67E-06	1.19E-09	3.58E-09	2.07E-09	2.54E-09	2.30E-09	1.05E-09	9.21E-10	3.96E-11	9.56E-10	2.11E-10	3.45E-10	5.47E-10	9.63E-11	4.83E-10	2.68E-09
3144	485863.09	3846377.25	3.09E-06	3.79E-06	3.32E-06	1.07E-09	3.24E-09	1.87E-09	2.29E-09	2.08E-09	9.49E-10	8.32E-10	3.58E-11	8.65E-10	1.91E-10	3.12E-10	4.94E-10	8.71E-11	4.37E-10	2.42E-09
3145	486363.09	3846377.25	2.61E-06	3.20E-06	2.81E-06	9.06E-10	2.74E-09	1.58E-09	1.94E-09	1.76E-09	8.02E-10	7.04E-10	3.03E-11	7.31E-10	1.61E-10	2.63E-10	4.18E-10	7.36E-11	3.69E-10	2.05E-09
3146	486863.09	3846377.25	2.50E-06	3.06E-06	2.69E-06	8.67E-10	2.62E-09	1.52E-09	1.86E-09	1.68E-09	7.68E-10	6.73E-10	2.90E-11	6.99E-10	1.54E-10	2.52E-10	4.00E-10	7.05E-11	3.53E-10	1.96E-09
3147	487363.09	3846377.25	2.52E-06	3.09E-06	2.71E-06	8.75E-10	2.64E-09	1.53E-09	1.87E-09	1.70E-09	7.75E-10	6.79E-10	2.92E-11	7.06E-10	1.56E-10	2.54E-10	4.03E-10	7.11E-11	3.56E-10	1.98E-09
3148	487863.09	3846377.25	2.70E-06	3.30E-06	2.90E-06	9.35E-10	2.82E-09	1.63E-09	2.00E-09	1.81E-09	8.28E-10	7.26E-10	3.12E-11	7.54E-10	1.66E-10	2.72E-10	4.31E-10	7.60E-11	3.81E-10	2.11E-09
3149	488363.09	3846377.25	2.62E-06	3.20E-06	2.81E-06	9.06E-10	2.74E-09	1.58E-09	1.94E-09	1.76E-09	8.03E-10	7.04E-10	3.03E-11	7.31E-10	1.61E-10	2.63E-10	4.18E-10	7.37E-11	3.69E-10	2.05E-09
3150	488863.09	3846377.25	2.62E-06	3.21E-06	2.81E-06	9.08E-10	2.74E-09	1.59E-09	1.94E-09	1.76E-09	8.04E-10	7.05E-10	3.03E-11	7.33E-10	1.62E-10	2.64E-10	4.19E-10	7.38E-11	3.70E-10	2.05E-09
3151	489363.09	3846377.25	2.57E-06	3.15E-06	2.76E-06	8.92E-10	2.69E-09	1.56E-09	1.91E-09	1.73E-09	7.90E-10	6.93E-10	2.98E-11	7.19E-10	1.59E-10	2.59E-10	4.11E-10	7.25E-11	3.64E-10	2.01E-09
3152	489863.09	3846377.25	2.48E-06	3.04E-06	2.66E-06	8.60E-10	2.60E-09	1.50E-09	1.84E-09	1.67E-09	7.61E-10	6.67E-10	2.87E-11	6.93E-10	1.53E-10	2.50E-10	3.96E-10	6.99E-11	3.50E-10	1.94E-09
3153	490363.09	3846377.25	2.23E-06	2.74E-06	2.40E-06	7.74E-10	2.34E-09	1.35E-09	1.66E-09	1.50E-09	6.85E-10	6.01E-10	2.58E-11	6.24E-10	1.38E-10	2.25E-10	3.57E-10	6.29E-11	3.15E-10	1.75E-09
3154	490863.09	3846377.25	2.18E-06	2.67E-06	2.34E-06	7.56E-10	2.28E-09	1.32E-09	1.62E-09	1.47E-09	6.70E-10	5.87E-10	2.53E-11	6.10E-10	1.35E-10	2.20E-10	3.49E-10	6.15E-11	3.08E-10	1.71E-09
3155	491363.09	3846377.25	2.24E-06	2.75E-06	2.41E-06	7.77E-10	2.35E-09	1.36E-09	1.66E-09	1.51E-09	6.88E-10	6.03E-10	2.60E-11	6.27E-10	1.38E-10	2.26E-10	3.58E-10	6.32E-11	3.16E-10	1.76E-09
3156	491863.09	3846377.25	2.51E-06	3.08E-06	2.70E-06	8.71E-10	2.63E-09	1.52E-09	1.86E-09	1.69E-09	7.71E-10	6.76E-10	2.91E-11	7.03E-10	1.55E-10	2.53E-10	4.02E-10	7.08E-11	3.55E-10	1.97E-09
3157	492363.09	3846377.25	2.54E-06	3.12E-06	2.73E-06	8.82E-10	2.66E-09	1.54E-09	1.89E-09	1.71E-09	7.81E-10	6.85E-10	2.94E-11	7.11E-10	1.57E-10	2.56E-10	4.07E-10	7.17E-11	3.59E-10	1.99E-09
3158	492863.09	3846377.25	2.67E-06	3.26E-06	2.86E-06	9.24E-10	2.79E-09	1.61E-09	1.98E-09	1.79E-09	8.18E-10	7.17E-10	3.08E-11	7.45E-10	1.64E-10	2.69E-10	4.26E-10	7.51E-11	3.76E-10	2.09E-09
3159	493363.09	3846377.25	2.98E-06	3.65E-06	3.20E-06	1.03E-09	3.12E-09	1.80E-09	2.21E-09	2.00E-09	9.14E-10	8.01E-10	3.45E-11	8.33E-10	1.84E-10	3.00E-10	4.76E-10	8.39E-11	4.21E-10	2.33E-09
3160	493863.09	3846377.25	3.23E-06	3.96E-06	3.47E-06	1.12E-09	3.38E-09	1.96E-09	2.40E-09	2.17E-09	9.91E-10	8.69E-10	3.74E-11	9.03E-10	1.99E-10	3.25E-10	5.16E-10	9.10E-11	4.56E-10	2.53E-09
3161	494363.09	3846377.25	3.47E-06	4.25E-06	3.72E-06	1.20E-09	3.63E-09	2.10E-09	2.57E-09	2.33E-09	1.06E-09	9.33E-10	4.01E-11	9.69E-10	2.14E-10	3.49E-10	5.54E-10	9.77E-11	4.90E-10	2.71E-09
3162	494863.09	3846377.25	3.70E-06	4.53E-06	3.98E-06	1.28E-09	3.87E-09	2.24E-09	2.75E-09	2.49E-09	1.14E-09	9.96E-10	4.28E-11	1.03E-09	2.28E-10	3.73E-10	5.92E-10	1.04E-10	5.23E-10	2.90E-09
3163	495363.09	3846377.25	3.96E-06	4.85E-06	4.25E-06	1.37E-09	4.14E-09	2.40E-09	2.94E-09	2.66E-09	1.22E-09	1.07E-09	4.58E-11	1.11E-09	2.44E-10	3.99E-10	6.33E-10	1.12E-10	5.59E-10	3.10E-09
3164	495863.09	3846377.25	4.29E-06	5.25E-06	4.60E-06	1.49E-09	4.49E-09	2.60E-09	3.18E-09	2.88E-09	1.32E-09	1.15E-09	4.96E-11	1.20E-09	2.64E-10	4.32E-10	6.85E-10	1.21E-10	6.05E-10	3.36E-09
3165	496363.09	3846377.25	4.61E-06	5.64E-06	4.95E-06	1.60E-09	4.82E-09	2.79E-09	3.42E-09	3.10E-09	1.41E-09	1.24E-09	5.33E-11	1.29E-09	2.84E-10	4.64E-10	7.36E-10	1.30E-10	6.50E-10	3.61E-09
3166	496863.09	3846377.25	4.94E-06	6.05E-06	5.30E-06	1.71E-09	5.17E-09	2.99E-09	3.67E-09	3.32E-09	1.52E-09	1.33E-09	5.72E-11	1.38E-09	3.05E-10	4.98E-10	7.89E-10	1.39E-10	6.97E-10	3.87E-09
3167	497363.09	3846377.25	5.25E-06	6.44E-06	5.64E-06	1.82E-09	5.50E-09	3.18E-09	3.90E-09	3.53E-09	1.61E-09	1.41E-09	6.08E-11	1.47E-09	3.24E-10	5.29E-10	8.40E-10	1.48E-10	7.42E-10	4.11E-09
3168	497863.09	3846377.25	5.55E-06	6.80E-06	5.96E-06	1.92E-09	5.81E-09	3.36E-09	4.12E-09	3.73E-09	1.70E-09	1.49E-09	6.43E-11	1.55E-09	3.42E-10	5.59E-10	8.87E-10	1.56E-10	7.84E-10	4.35E-09
3169	498363.09	3846377.25	5.83E-06	7.14E-06	6.26E-06	2.02E-09	6.10E-09	3.53E-09	4.33E-09	3.92E-09	1.79E-09	1.57E-09	6.75E-11	1.63E-09	3.60E-10	5.87E-10	9.32E-10	1.64E-10	8.23E-10	4.56E-09
3170	471363.09	3846877.25	1.17E-05	1.43E-05	1.25E-05	4.05E-09	1.22E-08	7.07E-09	8.67E-09	7.86E-09	3.58E-09	3.14E-09	1.35E-10	3.26E-09	7.20E-10	1.18E-09	1.87E-09	3.29E-10	1.65E-09	9.14E-09
3171	471863.09	3846877.25	1.18E-05	1.44E-05	1.26E-05	4.08E-09	1.23E-08	7.13E-09	8.73E-09	7.92E-09	3.61E-09	3.17E-09	1.36E-10	3.29E-09	7.26E-10	1.19E-09	1.88E-09	3.32E-10	1.66E-09	9.21E-09
3172	472363.09	3846877.25	1.14E-05	1.39E-05	1.22E-05	3.94E-09	1.19E-08	6.89E-09	8.44E-09	7.65E-09	3.49E-09	3.06E-09	1.32E-10	3.18E-09	7.02E-10	1.15E-09	1.82E-09	3.21E-10	1.61E-09	8.91E-09
3173	472863.09	3846877.25	7.94E-06	9.72E-06	8.52E-06	2.75E-09	8.30E-09	4.81E-09	5.89E-09	5.34E-09	2.44E-09	2.14E-09	9.18E-11	2.22E-09	4.90E-10	7.99E-10	1.27E-09	2.24E-10	1.12E-09	6.21E-09
3174	473363.09	3846877.25	8.66E-06	1.06E-05	9.30E-06	3.00E-09	9.06E-09	5.24E-09	6.42E-09	5.82E-09	2.66E-09	2.33E-09	1.00E-10	2.42E-09	5.34E-10	8.72E-10	1.38E-09	2.44E-10	1.22E-09	6.78E-09
3175	473863.09	3846877.25	9.23E-06	1.13E-05	9.91E-06	3.20E-09	9.65E-09	5.59E-09	6.85E-09	6.21E-09	2.83E-09	2.48E-09	1.07E-10	2.58E-09	5.69E-10	9.29E-10	1.47E-09	2.60E-10	1.30E-09	7.22E-09
3176	474363.09	3846877.25	8.75E-06	1.07E-05	9.40E-06	3.03E-09	9.15E-09	5.30E-09	6.49E-09	5.88E-09	2.68E-09	2.35E-09	1.01E-10	2.45E-09	5.40E-10	8.81E-10	1.40E-09	2.46E-10	1.24E-09	6.85E-09
3177	474863.09	3846877.25	8.77E-06	1.07E-05	9.42E-06	3.04E-09	9.17E-09	5.31E-09	6.51E-09	5.90E-09	2.69E-09	2.36E-09	1.01E-10	2.45E-09	5.41E-10	8.83E-10	1.40E-09	2.47E-10	1.24E-09	6.86E-09
3178	475363.09	3846877.25	9.56E-06	1.17E-05	1.03E-05	3.31E-09	1.00E-08	5.79E-09	7.09E-09	6.43E-09	2.93E-09	2.57E-09	1.11E-10	2.67E-09	5.90E-10	9.63E-10	1.53E-09	2.69E-10	1.35E-09	7.48E-09
3179	475863.09	3846877.25	1.25E-05	1.53E-05	1.34E-05	4.33E-09	1.31E-08	7.56E-09	9.26E-09	8.40E-09	3.83E-09	3.36E-09	1.44E-10	3.49E-09	7.70E-10	1.26E-09	1.99E-09	3.52E-10	1.76E-09	9.77E-09
3180	476363.09	3846877.25	1.52E-05	1.87E-05	1.64E-05	5.28E-09	1.60E-08	9.24E-09	1.13E-08	1.03E-08	4.68E-09	4.10E-09	1.76E-10	4.26E-09	9.40E-10	1.54E-09	2.44E-09	4.29E-10	2.15E-09	1.19E-08
3181	476863.09	3846877.25	1.53E-05	1.88E-05	1.65E-05	5.31E-09	1.60E-08	9.29E-09	1.14E-08	1.03E-08	4.70E-09	4.13E-09	1.77E-10	4.29E-09	9.46E-10	1.54E-09	2.45E-09	4.32E-10	2.16E-09	1.20E-08
3182	477363.09	3846877.25	1.43E-05	1.75E-05	1.53E-05	4.95E-09	1.49E-08	8.65E-09	1.06E-08	9.60E-09	4.38E-09	3.84E-09	1.65E-10	3.99E-09	8.80E-10	1.44E-09	2.28E-09	4.02E-10	2.02E-09	1.12E-08
3183	477863.09	3846877.25	1.24E-05	1.52E-05	1.33E-05	4.30E-09	1.30E-08	7.52E-09	9.21E-09	8.35E-09	3.81E-09	3.34E-09	1.44E-10	3.47E-09	7.66E-10	1.25E-09	1.98E-09	3.50E-10	1.75E-09	9.71E-09

3184	478363.09	3846877.25	1.05E-05	1.29E-05	1.13E-05	3.65E-09	1.10E-08	6.39E-09	7.82E-09	7.09E-09	3.24E-09	2.84E-09	1.22E-10	2.95E-09	6.50E-10	1.06E-09	1.68E-09	2.97E-10	1.49E-09	8.25E-09
3185	478863.09	3846877.25	1.01E-05	1.24E-05	1.09E-05	3.51E-09	1.06E-08	6.14E-09	7.52E-09	6.81E-09	3.11E-09	2.73E-09	1.17E-10	2.83E-09	6.25E-10	1.02E-09	1.62E-09	2.85E-10	1.43E-09	7.93E-09
3186	479363.09	3846877.25	9.73E-06	1.19E-05	1.04E-05	3.37E-09	1.02E-08	5.89E-09	7.22E-09	6.54E-09	2.99E-09	2.62E-09	1.13E-10	2.72E-09	6.00E-10	9.80E-10	1.55E-09	2.74E-10	1.37E-09	7.61E-09
3187	479863.09	3846877.25	7.59E-06	9.30E-06	8.15E-06	2.63E-09	7.94E-09	4.60E-09	5.63E-09	5.11E-09	2.33E-09	2.04E-09	8.78E-11	2.12E-09	4.68E-10	7.65E-10	1.21E-09	2.14E-10	1.07E-09	5.94E-09
3188	480363.09	3846877.25	6.38E-06	7.82E-06	6.86E-06	2.21E-09	6.68E-09	3.87E-09	4.74E-09	4.29E-09	1.96E-09	1.72E-09	7.39E-11	1.78E-09	3.94E-10	6.43E-10	1.02E-09	1.80E-10	9.02E-10	5.00E-09
3189	480863.09	3846877.25	5.78E-06	7.08E-06	6.21E-06	2.00E-09	6.05E-09	3.50E-09	4.29E-09	3.89E-09	1.77E-09	1.56E-09	6.69E-11	1.62E-09	3.57E-10	5.83E-10	9.24E-10	1.63E-10	8.17E-10	4.53E-09
3190	481363.09	3846877.25	5.87E-06	7.19E-06	6.31E-06	2.03E-09	6.14E-09	3.56E-09	4.36E-09	3.95E-09	1.80E-09	1.58E-09	6.80E-11	1.64E-09	3.62E-10	5.92E-10	9.38E-10	1.65E-10	8.30E-10	4.60E-09
3191	481863.09	3846877.25	5.62E-06	6.89E-06	6.04E-06	1.95E-09	5.88E-09	3.41E-09	4.17E-09	3.78E-09	1.73E-09	1.51E-09	6.51E-11	1.57E-09	3.47E-10	5.66E-10	8.98E-10	1.58E-10	7.94E-10	4.40E-09
3192	482363.09	3846877.25	4.63E-06	5.67E-06	4.98E-06	1.61E-09	4.85E-09	2.81E-09	3.44E-09	3.12E-09	1.42E-09	1.25E-09	5.36E-11	1.30E-09	2.86E-10	4.67E-10	7.40E-10	1.30E-10	6.55E-10	3.63E-09
3193	482863.09	3846877.25	4.52E-06	5.53E-06	4.85E-06	1.57E-09	4.73E-09	2.74E-09	3.35E-09	3.04E-09	1.39E-09	1.22E-09	5.23E-11	1.26E-09	2.79E-10	4.55E-10	7.22E-10	1.27E-10	6.38E-10	3.54E-09
3194	483363.09	3846877.25	4.44E-06	5.44E-06	4.77E-06	1.54E-09	4.65E-09	2.69E-09	3.30E-09	2.99E-09	1.36E-09	1.20E-09	5.14E-11	1.24E-09	2.74E-10	4.48E-10	7.10E-10	1.25E-10	6.28E-10	3.48E-09
3195	483863.09	3846877.25	4.22E-06	5.17E-06	4.53E-06	1.46E-09	4.42E-09	2.56E-09	3.13E-09	2.84E-09	1.30E-09	1.14E-09	4.88E-11	1.18E-09	2.60E-10	4.25E-10	6.74E-10	1.19E-10	5.96E-10	3.30E-09
3196	484363.09	3846877.25	4.07E-06	4.98E-06	4.37E-06	1.41E-09	4.26E-09	2.47E-09	3.02E-09	2.74E-09	1.25E-09	1.10E-09	4.71E-11	1.14E-09	2.51E-10	4.10E-10	6.50E-10	1.15E-10	5.75E-10	3.19E-09
3197	484863.09	3846877.25	3.90E-06	4.78E-06	4.19E-06	1.35E-09	4.08E-09	2.36E-09	2.90E-09	2.63E-09	1.20E-09	1.05E-09	4.52E-11	1.09E-09	2.41E-10	3.93E-10	6.24E-10	1.10E-10	5.52E-10	3.06E-09
3198	485363.09	3846877.25	3.83E-06	4.69E-06	4.11E-06	1.33E-09	4.01E-09	2.32E-09	2.84E-09	2.58E-09	1.18E-09	1.03E-09	4.43E-11	1.07E-09	2.36E-10	3.86E-10	6.12E-10	1.08E-10	5.41E-10	3.00E-09
3199	485863.09	3846877.25	3.50E-06	4.29E-06	3.76E-06	1.21E-09	3.67E-09	2.12E-09	2.60E-09	2.36E-09	1.08E-09	9.43E-10	4.06E-11	9.80E-10	2.16E-10	3.53E-10	5.60E-10	9.87E-11	4.95E-10	2.74E-09
3200	486363.09	3846877.25	3.53E-06	4.33E-06	3.80E-06	1.22E-09	3.70E-09	2.14E-09	2.62E-09	2.38E-09	1.08E-09	9.51E-10	4.09E-11	9.88E-10	2.18E-10	3.56E-10	5.65E-10	9.95E-11	4.99E-10	2.77E-09
3201	486863.09	3846877.25	3.09E-06	3.79E-06	3.32E-06	1.07E-09	3.23E-09	1.87E-09	2.29E-09	2.08E-09	9.49E-10	8.32E-10	3.58E-11	8.64E-10	1.91E-10	3.11E-10	4.94E-10	8.71E-11	4.37E-10	2.42E-09
3202	487363.09	3846877.25	3.11E-06	3.82E-06	3.35E-06	1.08E-09	3.26E-09	1.89E-09	2.31E-09	2.10E-09	9.56E-10	8.38E-10	3.60E-11	8.71E-10	1.92E-10	3.14E-10	4.98E-10	8.77E-11	4.40E-10	2.44E-09
3203	487863.09	3846877.25	3.01E-06	3.69E-06	3.23E-06	1.04E-09	3.15E-09	1.82E-09	2.23E-09	2.02E-09	9.24E-10	8.10E-10	3.48E-11	8.41E-10	1.86E-10	3.03E-10	4.81E-10	8.48E-11	4.25E-10	2.36E-09
3204	488363.09	3846877.25	2.91E-06	3.57E-06	3.13E-06	1.01E-09	3.05E-09	1.76E-09	2.16E-09	1.96E-09	8.94E-10	7.84E-10	3.37E-11	8.14E-10	1.80E-10	2.93E-10	4.65E-10	8.20E-11	4.11E-10	2.28E-09
3205	488863.09	3846877.25	2.91E-06	3.57E-06	3.13E-06	1.01E-09	3.05E-09	1.76E-09	2.16E-09	1.96E-09	8.94E-10	7.84E-10	3.37E-11	8.14E-10	1.80E-10	2.93E-10	4.65E-10	8.20E-11	4.11E-10	2.28E-09
3206	489363.09	3846877.25	2.89E-06	3.53E-06	3.10E-06	1.00E-09	3.02E-09	1.75E-09	2.14E-09	1.94E-09	8.86E-10	7.77E-10	3.34E-11	8.07E-10	1.78E-10	2.91E-10	4.61E-10	8.13E-11	4.08E-10	2.26E-09
3207	489863.09	3846877.25	2.82E-06	3.45E-06	3.03E-06	9.76E-10	2.95E-09	1.71E-09	2.09E-09	1.90E-09	8.65E-10	7.58E-10	3.26E-11	7.88E-10	1.74E-10	2.84E-10	4.50E-10	7.94E-11	3.98E-10	2.21E-09
3208	490363.09	3846877.25	2.59E-06	3.18E-06	2.78E-06	8.99E-10	2.71E-09	1.57E-09	1.92E-09	1.74E-09	7.96E-10	6.97E-10	3.00E-11	7.25E-10	1.60E-10	2.61E-10	4.14E-10	7.30E-11	3.66E-10	2.03E-09
3209	490863.09	3846877.25	2.60E-06	3.18E-06	2.79E-06	9.01E-10	2.72E-09	1.57E-09	1.93E-09	1.75E-09	7.98E-10	6.99E-10	3.01E-11	7.27E-10	1.60E-10	2.62E-10	4.15E-10	7.32E-11	3.67E-10	2.03E-09
3210	491363.09	3846877.25	2.67E-06	3.27E-06	2.87E-06	9.26E-10	2.80E-09	1.62E-09	1.98E-09	1.80E-09	8.20E-10	7.19E-10	3.09E-11	7.47E-10	1.65E-10	2.69E-10	4.27E-10	7.53E-11	3.77E-10	2.09E-09
3211	491863.09	3846877.25	2.66E-06	3.26E-06	2.86E-06	9.23E-10	2.79E-09	1.61E-09	1.98E-09	1.79E-09	8.18E-10	7.17E-10	3.08E-11	7.45E-10	1.64E-10	2.68E-10	4.26E-10	7.50E-11	3.76E-10	2.09E-09
3212	492363.09	3846877.25	3.04E-06	3.72E-06	3.26E-06	1.05E-09	3.18E-09	1.84E-09	2.25E-09	2.04E-09	9.33E-10	8.18E-10	3.52E-11	8.49E-10	1.87E-10	3.06E-10	4.86E-10	8.56E-11	4.29E-10	2.38E-09
3213	492863.09	3846877.25	3.22E-06	3.94E-06	3.45E-06	1.11E-09	3.37E-09	1.95E-09	2.39E-09	2.16E-09	9.87E-10	8.65E-10	3.72E-11	8.99E-10	1.98E-10	3.24E-10	5.14E-10	9.06E-11	4.54E-10	2.52E-09
3214	493363.09	3846877.25	3.49E-06	4.27E-06	3.75E-06	1.21E-09	3.65E-09	2.11E-09	2.59E-09	2.35E-09	1.07E-09	9.38E-10	4.04E-11	9.75E-10	2.15E-10	3.51E-10	5.57E-10	9.82E-11	4.92E-10	2.73E-09
3215	493863.09	3846877.25	3.72E-06	4.56E-06	4.00E-06	1.29E-09	3.90E-09	2.26E-09	2.76E-09	2.50E-09	1.14E-09	1.00E-09	4.31E-11	1.04E-09	2.30E-10	3.75E-10	5.95E-10	1.05E-10	5.26E-10	2.91E-09
3216	494363.09	3846877.25	3.92E-06	4.80E-06	4.21E-06	1.36E-09	4.10E-09	2.37E-09	2.91E-09	2.64E-09	1.20E-09	1.05E-09	4.53E-11	1.10E-09	2.42E-10	3.95E-10	6.26E-10	1.10E-10	5.53E-10	3.07E-09
3217	494863.09	3846877.25	4.20E-06	5.14E-06	4.51E-06	1.45E-09	4.39E-09	2.54E-09	3.11E-09	2.82E-09	1.29E-09	1.13E-09	4.86E-11	1.17E-09	2.59E-10	4.23E-10	6.70E-10	1.18E-10	5.93E-10	3.28E-09
3218	495363.09	3846877.25	4.47E-06	5.47E-06	4.79E-06	1.55E-09	4.67E-09	2.70E-09	3.31E-09	3.00E-09	1.37E-09	1.20E-09	5.17E-11	1.25E-09	2.75E-10	4.50E-10	7.14E-10	1.26E-10	6.30E-10	3.50E-09
3219	495863.09	3846877.25	4.77E-06	5.84E-06	5.12E-06	1.65E-09	4.99E-09	2.89E-09	3.54E-09	3.21E-09	1.46E-09	1.28E-09	5.52E-11	1.33E-09	2.94E-10	4.80E-10	7.62E-10	1.34E-10	6.73E-10	3.73E-09
3220	496363.09	3846877.25	5.10E-06	6.25E-06	5.47E-06	1.77E-09	5.34E-09	3.09E-09	3.78E-09	3.43E-09	1.57E-09	1.37E-09	5.90E-11	1.43E-09	3.15E-10	5.14E-10	8.15E-10	1.44E-10	7.20E-10	3.99E-09
3221	496863.09	3846877.25	5.51E-06	6.75E-06	5.92E-06	1.91E-09	5.77E-09	3.34E-09	4.09E-09	3.71E-09	1.69E-09	1.48E-09	6.38E-11	1.54E-09	3.40E-10	5.55E-10	8.81E-10	1.55E-10	7.78E-10	4.32E-09
3222	497363.09	3846877.25	6.07E-06	7.43E-06	6.51E-06	2.10E-09	6.35E-09	3.68E-09	4.50E-09	4.08E-09	1.86E-09	1.63E-09	7.02E-11	1.70E-09	3.74E-10	6.11E-10	9.70E-10	1.71E-10	8.56E-10	4.75E-09
3223	497863.09	3846877.25	6.58E-06	8.06E-06	7.06E-06	2.28E-09	6.89E-09	3.99E-09	4.88E-09	4.43E-09	2.02E-09	1.77E-09	7.62E-11	1.84E-09	4.06E-10	6.63E-10	1.05E-09	1.85E-10	9.29E-10	5.15E-09
3224	498363.09	3846877.25	6.84E-06	8.37E-06	7.34E-06	2.37E-09	7.15E-09	4.14E-09	5.07E-09	4.60E-09	2.10E-09	1.84E-09	7.91E-11	1.91E-09	4.22E-10	6.89E-10	1.09E-09	1.93E-10	9.65E-10	5.35E-09
3225	471363.09	3847377.25	1.25E-05	1.53E-05	1.34E-05	4.34E-09	1.31E-08	7.58E-09	9.28E-09	8.42E-09	3.84E-09	3.37E-09	1.45E-10	3.50E-09	7.72E-10	1.26E-09	2.00E-09	3.52E-10	1.77E-09	9.79E-09
3226	471863.09	3847377.25	1.27E-05	1.56E-05	1.37E-05	4.42E-09	1.33E-08	7.72E-09	9.46E-09	8.57E-09	3.91E-09	3.43E-09	1.47E-10	3.56E-09	7.86E-10	1.28E-09	2.04E-09	3.59E-10	1.80E-09	9.97E-09
3227	472363.09	3847377.25	1.29E-05	1.58E-05	1.39E-05	4.47E-09	1.35E-08	7.82E-09	9.58E-09	8.69E-09	3.96E-09	3.48E-09	1.49E-10	3.61E-09	7.96E-10	1.30E-09	2.06E-09	3.64E-10	1.82E-09	1.01E-08
3228	472863.09	3847377.25	1.26E-05	1.54E-05	1.35E-05	4.35E-09	1.31E-08	7.61E-09	9.32E-09	8.45E-09	3.85E-09	3.38E-09	1.45E-10	3.51E-09	7.75E-10	1.27E-09	2.01E-09	3.54E-10	1.77E-09	9.83E-09
3229	473363.09	3847377.25	1.05E-05	1.29E-05	1.13E-05	3.65E-09	1.10E-08	6.39E-09	7.83E-09	7.09E-09	3.24E-09	2.84E-09	1.22E-10	2.95E-09	6.51E-10	1.06E-09	1.69E-09	2.97E-10	1.49E-09	8.26E-09
3230	473863.09	3847377.25	1.04E-05	1.28E-05	1.12E-05	3.61E-09	1.09E-08	6.32E-09	7.74E-09	7.01E-09	3.20E-09	2.81E-09	1.21E-10	2.91E-09	6.43E-10	1.05E-09	1.67E-09	2.94E-10	1.47E-09	8.16E-09
3231	474363.09	3847377.25	1.08E-05	1.33E-05	1.16E-05	3.76E-09	1.13E-08	6.56E-09	8.04E-09	7.29E-09	3.33E-09	2.92E-09	1.25E-10	3.03E-09	6.68E-10	1.09E-09	1.73E-09	3.05E-10	1.53E-09	8.48E-09
3232	474863.09	3847377.25	1.00E-05	1.23E-05	1.08E-05	3.47E-09	1.05E-08	6.07E-09	7.44E-09	6.74E-09	3.08E-09	2.70E-09	1.16E-10	2.80E-09	6.18E-10	1.01E-09	1.60E-09	2.82E-10	1.42E-09	7.85E-09
3233	475363.09	3847377.25	9.45E-06	1.16E-05	1.02E-05	3.28E-09	9.89E-09	5.73E-09	7.01E-09	6.36E-09	2.90E-09	2.54E-09	1.09E-10	2.64E-09	5.83E-10	9.52E-10	1.51E-09	2.66E-10	1.34E-09	7.40E-09
3234	475863.09	3847377.25	1.12E-05	1.37E-05	1.20E-05	3.87E-09	1.17E-08	6.77E-09	8.29E-09	7.51E-09	3.43E-09	3.01E-09	1.29E-10	3.12E-09	6.89E-10	1.13E-09	1.78E-09	3.15E-10	1.58E-09	8.74E-09
3235	476363.09	3847377.25	1.48E-05	1.81E-05	1.59E-05	5.12E-09	1.55E-08	8.95E-09	1.10E-08	9.94E-09	4.54E-09	3.98E-09	1.71E-10	4.13E-09	9.12E-10	1.49E-09	2.36E-09	4.16E-10	2.09E-09	1.16E-08
3236	476863.09	3847377.25	1.70E-05	2.08E-05	1.82E-05	5.88E-09	1.78E-08	1.03E-08	1.26E-08	1.14E-08	5.21E-09	4.57E-09	1.96E-10	4.75E-09	1.05E-09	1.71E-09	2.71E-09	4.78E-10	2.40E-09	1.33E-08
3237	477363.09	3847377.25	1.74E-05	2.13E-05	1.87E-05	6.04E-09	1.82E-08	1.06E-08	1.29E-08	1.17E-08	5.35E-09	4.69E-09	2.02E-10	4.87E-09	1.07E-09	1.75E-09	2.78E-09	4.91E-10	2.46E-09	1.36E-08
3238	477863.09	3847377.25	1.58E-05	1.93E-05	1.69E-05	5.47E-09	1.65E-08	9.56E-09	1.17E-08	1.06E-08	4.84E-09	4.25E-09	1.83E-10	4.41E-09	9.73E-10	1.59E-09	2.52E-09	4.44E-10	2.23E-09	1.24E-08

3239	478363.09	3847377.25	1.40E-05	1.71E-05	1.50E-05	4.83E-09	1.46E-08	8.45E-09	1.04E-08	9.38E-09	4.28E-09	3.76E-09	1.61E-10	3.90E-09	8.61E-10	1.41E-09	2.23E-09	3.93E-10	1.97E-09	1.09E-08
3240	478863.09	3847377.25	1.24E-05	1.52E-05	1.33E-05	4.29E-09	1.29E-08	7.49E-09	9.18E-09	8.32E-09	3.80E-09	3.33E-09	1.43E-10	3.46E-09	7.63E-10	1.25E-09	1.98E-09	3.48E-10	1.75E-09	9.68E-09
3241	479363.09	3847377.25	9.93E-06	1.22E-05	1.07E-05	3.44E-09	1.04E-08	6.01E-09	7.37E-09	6.68E-09	3.05E-09	2.67E-09	1.15E-10	2.78E-09	6.12E-10	1.00E-09	1.59E-09	2.80E-10	1.40E-09	7.77E-09
3242	479863.09	3847377.25	7.38E-06	9.05E-06	7.93E-06	2.56E-09	7.73E-09	4.47E-09	5.48E-09	4.97E-09	2.27E-09	1.99E-09	8.55E-11	2.06E-09	4.56E-10	7.44E-10	1.18E-09	2.08E-10	1.04E-09	5.78E-09
3243	480363.09	3847377.25	5.05E-06	6.18E-06	5.42E-06	1.75E-09	5.28E-09	3.06E-09	3.74E-09	3.39E-09	1.55E-09	1.36E-09	5.84E-11	1.41E-09	3.11E-10	5.08E-10	8.07E-10	1.42E-10	7.13E-10	3.95E-09
3244	480863.09	3847377.25	4.48E-06	5.49E-06	4.81E-06	1.55E-09	4.69E-09	2.71E-09	3.32E-09	3.01E-09	1.37E-09	1.21E-09	5.18E-11	1.25E-09	2.76E-10	4.51E-10	7.16E-10	1.26E-10	6.33E-10	3.51E-09
3245	481363.09	3847377.25	4.91E-06	6.01E-06	5.27E-06	1.70E-09	5.14E-09	2.97E-09	3.64E-09	3.30E-09	1.51E-09	1.32E-09	5.68E-11	1.37E-09	3.03E-10	4.95E-10	7.85E-10	1.38E-10	6.94E-10	3.84E-09
3246	481863.09	3847377.25	6.22E-06	7.62E-06	6.68E-06	2.16E-09	6.51E-09	3.77E-09	4.62E-09	4.19E-09	1.91E-09	1.67E-09	7.20E-11	1.74E-09	3.84E-10	6.27E-10	9.95E-10	1.75E-10	8.79E-10	4.87E-09
3247	482363.09	3847377.25	5.79E-06	7.09E-06	6.22E-06	2.01E-09	6.06E-09	3.51E-09	4.29E-09	3.89E-09	1.78E-09	1.56E-09	6.70E-11	1.62E-09	3.57E-10	5.83E-10	9.25E-10	1.63E-10	8.17E-10	4.53E-09
3248	482863.09	3847377.25	5.28E-06	6.46E-06	5.67E-06	1.83E-09	5.52E-09	3.20E-09	3.92E-09	3.55E-09	1.62E-09	1.42E-09	6.11E-11	1.48E-09	3.25E-10	5.32E-10	8.43E-10	1.49E-10	7.46E-10	4.13E-09
3249	483363.09	3847377.25	5.02E-06	6.14E-06	5.39E-06	1.74E-09	5.25E-09	3.04E-09	3.72E-09	3.37E-09	1.54E-09	1.35E-09	5.80E-11	1.40E-09	3.09E-10	5.05E-10	8.02E-10	1.41E-10	7.09E-10	3.93E-09
3250	483863.09	3847377.25	4.82E-06	5.91E-06	5.18E-06	1.67E-09	5.05E-09	2.92E-09	3.58E-09	3.24E-09	1.48E-09	1.30E-09	5.58E-11	1.35E-09	2.97E-10	4.86E-10	7.71E-10	1.36E-10	6.81E-10	3.77E-09
3251	484363.09	3847377.25	4.92E-06	6.02E-06	5.28E-06	1.70E-09	5.14E-09	2.98E-09	3.65E-09	3.31E-09	1.51E-09	1.32E-09	5.69E-11	1.37E-09	3.03E-10	4.95E-10	7.86E-10	1.38E-10	6.94E-10	3.85E-09
3252	484863.09	3847377.25	4.61E-06	5.65E-06	4.95E-06	1.60E-09	4.82E-09	2.79E-09	3.42E-09	3.10E-09	1.41E-09	1.24E-09	5.33E-11	1.29E-09	2.84E-10	4.64E-10	7.37E-10	1.30E-10	6.51E-10	3.61E-09
3253	485363.09	3847377.25	4.43E-06	5.43E-06	4.76E-06	1.54E-09	4.64E-09	2.69E-09	3.29E-09	2.98E-09	1.36E-09	1.19E-09	5.13E-11	1.24E-09	2.74E-10	4.47E-10	7.09E-10	1.25E-10	6.27E-10	3.47E-09
3254	485863.09	3847377.25	4.27E-06	5.23E-06	4.59E-06	1.48E-09	4.47E-09	2.59E-09	3.17E-09	2.87E-09	1.31E-09	1.15E-09	4.94E-11	1.19E-09	2.63E-10	4.30E-10	6.82E-10	1.20E-10	6.03E-10	3.34E-09
3255	486363.09	3847377.25	4.18E-06	5.13E-06	4.50E-06	1.45E-09	4.38E-09	2.53E-09	3.10E-09	2.81E-09	1.28E-09	1.13E-09	4.84E-11	1.17E-09	2.58E-10	4.22E-10	6.69E-10	1.18E-10	5.91E-10	3.28E-09
3256	486863.09	3847377.25	3.76E-06	4.60E-06	4.04E-06	1.30E-09	3.93E-09	2.28E-09	2.79E-09	2.53E-09	1.15E-09	1.01E-09	4.35E-11	1.05E-09	2.32E-10	3.79E-10	6.01E-10	1.06E-10	5.31E-10	2.94E-09
3257	487363.09	3847377.25	3.72E-06	4.56E-06	4.00E-06	1.29E-09	3.89E-09	2.25E-09	2.76E-09	2.50E-09	1.14E-09	1.00E-09	4.31E-11	1.04E-09	2.30E-10	3.75E-10	5.95E-10	1.05E-10	5.26E-10	2.91E-09
3258	487863.09	3847377.25	3.42E-06	4.19E-06	3.67E-06	1.18E-09	3.58E-09	2.07E-09	2.54E-09	2.30E-09	1.05E-09	9.20E-10	3.96E-11	9.55E-10	2.11E-10	3.44E-10	5.46E-10	9.63E-11	4.83E-10	2.68E-09
3259	488363.09	3847377.25	3.35E-06	4.10E-06	3.59E-06	1.16E-09	3.50E-09	2.03E-09	2.48E-09	2.25E-09	1.03E-09	9.00E-10	3.87E-11	9.35E-10	2.06E-10	3.37E-10	5.35E-10	9.42E-11	4.72E-10	2.62E-09
3260	488863.09	3847377.25	3.30E-06	4.04E-06	3.54E-06	1.14E-09	3.45E-09	2.00E-09	2.45E-09	2.22E-09	1.01E-09	8.88E-10	3.82E-11	9.22E-10	2.04E-10	3.32E-10	5.27E-10	9.29E-11	4.66E-10	2.58E-09
3261	489363.09	3847377.25	3.30E-06	4.04E-06	3.54E-06	1.14E-09	3.45E-09	2.00E-09	2.45E-09	2.22E-09	1.01E-09	8.88E-10	3.82E-11	9.22E-10	2.04E-10	3.32E-10	5.27E-10	9.29E-11	4.66E-10	2.58E-09
3262	489863.09	3847377.25	3.18E-06	3.89E-06	3.41E-06	1.10E-09	3.32E-09	1.92E-09	2.36E-09	2.14E-09	9.75E-10	8.55E-10	3.68E-11	8.88E-10	1.96E-10	3.20E-10	5.08E-10	8.95E-11	4.49E-10	2.49E-09
3263	490363.09	3847377.25	3.11E-06	3.81E-06	3.34E-06	1.08E-09	3.26E-09	1.89E-09	2.31E-09	2.09E-09	9.56E-10	8.37E-10	3.60E-11	8.70E-10	1.92E-10	3.14E-10	4.98E-10	8.77E-11	4.39E-10	2.44E-09
3264	490863.09	3847377.25	3.17E-06	3.88E-06	3.40E-06	1.10E-09	3.32E-09	1.92E-09	2.35E-09	2.13E-09	9.73E-10	8.52E-10	3.67E-11	8.86E-10	1.96E-10	3.19E-10	5.07E-10	8.93E-11	4.47E-10	2.48E-09
3265	491363.09	3847377.25	3.20E-06	3.92E-06	3.43E-06	1.11E-09	3.35E-09	1.94E-09	2.37E-09	2.15E-09	9.82E-10	8.61E-10	3.70E-11	8.94E-10	1.97E-10	3.22E-10	5.11E-10	9.01E-11	4.52E-10	2.50E-09
3266	491863.09	3847377.25	3.49E-06	4.27E-06	3.75E-06	1.21E-09	3.65E-09	2.11E-09	2.59E-09	2.35E-09	1.07E-09	9.39E-10	4.04E-11	9.75E-10	2.15E-10	3.51E-10	5.58E-10	9.83E-11	4.93E-10	2.73E-09
3267	492363.09	3847377.25	3.57E-06	4.37E-06	3.83E-06	1.24E-09	3.74E-09	2.16E-09	2.65E-09	2.40E-09	1.10E-09	9.61E-10	4.13E-11	9.98E-10	2.20E-10	3.60E-10	5.71E-10	1.01E-10	5.04E-10	2.80E-09
3268	492863.09	3847377.25	3.84E-06	4.71E-06	4.13E-06	1.33E-09	4.02E-09	2.33E-09	2.85E-09	2.58E-09	1.18E-09	1.03E-09	4.45E-11	1.07E-09	2.37E-10	3.87E-10	6.14E-10	1.08E-10	5.43E-10	3.01E-09
3269	493363.09	3847377.25	4.06E-06	4.97E-06	4.36E-06	1.41E-09	4.24E-09	2.46E-09	3.01E-09	2.73E-09	1.24E-09	1.09E-09	4.69E-11	1.13E-09	2.50E-10	4.09E-10	6.48E-10	1.14E-10	5.73E-10	3.17E-09
3270	493863.09	3847377.25	4.19E-06	5.14E-06	4.50E-06	1.45E-09	4.39E-09	2.54E-09	3.11E-09	2.82E-09	1.29E-09	1.13E-09	4.85E-11	1.17E-09	2.59E-10	4.22E-10	6.70E-10	1.18E-10	5.92E-10	3.28E-09
3271	494363.09	3847377.25	4.35E-06	5.33E-06	4.68E-06	1.51E-09	4.56E-09	2.64E-09	3.23E-09	2.93E-09	1.34E-09	1.17E-09	5.04E-11	1.22E-09	2.69E-10	4.39E-10	6.96E-10	1.23E-10	6.15E-10	3.41E-09
3272	494863.09	3847377.25	4.61E-06	5.64E-06	4.94E-06	1.60E-09	4.82E-09	2.79E-09	3.42E-09	3.10E-09	1.41E-09	1.24E-09	5.33E-11	1.29E-09	2.84E-10	4.64E-10	7.36E-10	1.30E-10	6.50E-10	3.60E-09
3273	495363.09	3847377.25	4.89E-06	5.99E-06	5.25E-06	1.69E-09	5.11E-09	2.96E-09	3.63E-09	3.29E-09	1.50E-09	1.31E-09	5.66E-11	1.37E-09	3.01E-10	4.92E-10	7.81E-10	1.38E-10	6.90E-10	3.83E-09
3274	495863.09	3847377.25	5.22E-06	6.40E-06	5.60E-06	1.81E-09	5.46E-09	3.16E-09	3.87E-09	3.51E-09	1.60E-09	1.40E-09	6.04E-11	1.46E-09	3.22E-10	5.26E-10	8.34E-10	1.47E-10	7.37E-10	4.09E-09
3275	496363.09	3847377.25	5.55E-06	6.80E-06	5.96E-06	1.92E-09	5.81E-09	3.36E-09	4.12E-09	3.74E-09	1.70E-09	1.49E-09	6.43E-11	1.55E-09	3.43E-10	5.60E-10	8.88E-10	1.56E-10	7.84E-10	4.35E-09
3276	496863.09	3847377.25	6.09E-06	7.46E-06	6.53E-06	2.11E-09	6.37E-09	3.69E-09	4.52E-09	4.09E-09	1.87E-09	1.64E-09	7.04E-11	1.70E-09	3.75E-10	6.13E-10	9.73E-10	1.71E-10	8.59E-10	4.76E-09
3277	497363.09	3847377.25	6.82E-06	8.35E-06	7.32E-06	2.36E-09	7.14E-09	4.13E-09	5.06E-09	4.59E-09	2.09E-09	1.83E-09	7.89E-11	1.91E-09	4.21E-10	6.87E-10	1.09E-09	1.92E-10	9.63E-10	5.34E-09
3278	497863.09	3847377.25	7.68E-06	9.41E-06	8.25E-06	2.66E-09	8.04E-09	4.65E-09	5.70E-09	5.17E-09	2.36E-09	2.07E-09	8.89E-11	2.15E-09	4.74E-10	7.74E-10	1.23E-09	2.16E-10	1.08E-09	6.01E-09
3279	498363.09	3847377.25	8.09E-06	9.92E-06	8.69E-06	2.81E-09	8.47E-09	4.90E-09	6.01E-09	5.44E-09	2.48E-09	2.18E-09	9.37E-11	2.26E-09	4.99E-10	8.15E-10	1.29E-09	2.28E-10	1.14E-09	6.34E-09
3280	471363.09	3847877.25	1.34E-05	1.64E-05	1.44E-05	4.65E-09	1.40E-08	8.13E-09	9.96E-09	9.03E-09	4.12E-09	3.61E-09	1.55E-10	3.75E-09	8.28E-10	1.35E-09	2.14E-09	3.78E-10	1.90E-09	1.05E-08
3281	471863.09	3847877.25	1.38E-05	1.69E-05	1.48E-05	4.77E-09	1.44E-08	8.34E-09	1.02E-08	9.26E-09	4.23E-09	3.71E-09	1.59E-10	3.85E-09	8.50E-10	1.39E-09	2.20E-09	3.88E-10	1.95E-09	1.08E-08
3282	472363.09	3847877.25	1.40E-05	1.72E-05	1.51E-05	4.86E-09	1.47E-08	8.49E-09	1.04E-08	9.43E-09	4.30E-09	3.77E-09	1.62E-10	3.92E-09	8.65E-10	1.41E-09	2.24E-09	3.95E-10	1.98E-09	1.10E-08
3283	472863.09	3847877.25	1.42E-05	1.74E-05	1.52E-05	4.92E-09	1.49E-08	8.60E-09	1.05E-08	9.55E-09	4.36E-09	3.82E-09	1.64E-10	3.97E-09	8.75E-10	1.43E-09	2.27E-09	4.00E-10	2.00E-09	1.11E-08
3284	473363.09	3847877.25	1.44E-05	1.76E-05	1.54E-05	4.98E-09	1.50E-08	8.71E-09	1.07E-08	9.67E-09	4.41E-09	3.87E-09	1.66E-10	4.02E-09	8.87E-10	1.45E-09	2.30E-09	4.05E-10	2.03E-09	1.13E-08
3285	473863.09	3847877.25	1.38E-05	1.69E-05	1.48E-05	4.79E-09	1.45E-08	8.37E-09	1.03E-08	9.29E-09	4.24E-09	3.72E-09	1.60E-10	3.86E-09	8.52E-10	1.39E-09	2.21E-09	3.89E-10	1.95E-09	1.08E-08
3286	474363.09	3847877.25	1.21E-05	1.48E-05	1.30E-05	4.18E-09	1.26E-08	7.30E-09	8.95E-09	8.11E-09	3.70E-09	3.25E-09	1.40E-10	3.37E-09	7.44E-10	1.21E-09	1.93E-09	3.40E-10	1.70E-09	9.44E-09
3287	474863.09	3847877.25	1.25E-05	1.53E-05	1.34E-05	4.33E-09	1.31E-08	7.56E-09	9.26E-09	8.40E-09	3.83E-09	3.36E-09	1.44E-10	3.49E-09	7.70E-10	1.26E-09	2.00E-09	3.52E-10	1.76E-09	9.77E-09
3288	475363.09	3847877.25	1.14E-05	1.40E-05	1.23E-05	3.97E-09	1.20E-08	6.93E-09	8.49E-09	7.70E-09	3.51E-09	3.08E-09	1.32E-10	3.20E-09	7.06E-10	1.15E-09	1.83E-09	3.22E-10	1.62E-09	8.96E-09
3289	475863.09	3847877.25	1.06E-05	1.29E-05	1.13E-05	3.66E-09	1.10E-08	6.39E-09	7.83E-09	7.10E-09	3.24E-09	2.84E-09	1.22E-10	2.95E-09	6.51E-10	1.06E-09	1.69E-09	2.97E-10	1.49E-09	8.26E-09
3290	476363.09	3847877.25	1.32E-05	1.62E-05	1.42E-05	4.58E-09	1.38E-08	8.00E-09	9.80E-09	8.88E-09	4.05E-09	3.55E-09	1.53E-10	3.69E-09	8.15E-10	1.33E-09	2.11E-09	3.72E-10	1.87E-09	1.03E-08
3291	476863.09	3847877.25	1.64E-05	2.01E-05	1.77E-05	5.69E-09	1.72E-08	9.95E-09	1.22E-08	1.11E-08	5.04E-09	4.42E-09	1.90E-10	4.59E-09	1.01E-09	1.66E-09	2.63E-09	4.63E-10	2.32E-09	1.29E-08
3292	477363.09	3847877.25	1.94E-05	2.38E-05	2.09E-05	6.74E-09	2.03E-08	1.18E-08	1.44E-08	1.31E-08	5.97E-09	5.23E-09	2.25E-10	5.43E-09	1.20E-09	1.96E-09	3.11E-09	5.48E-10	2.75E-09	1.52E-08
3293	477863.09	3847877.25	1.97E-05	2.41E-05	2.11E-05	6.82E-09	2.06E-08	1.19E-08	1.46E-08	1.32E-08	6.04E-09	5.29E-09	2.28E-10	5.50E-09	1.21E-09	1.98E-09	3.14E-09	5.54E-10	2.78E-09	1.54E-08

3294	478363.09	3847877.25	1.78E-05	2.18E-05	1.92E-05	6.18E-09	1.87E-08	1.08E-08	1.32E-08	1.20E-08	5.47E-09	4.80E-09	2.06E-10	4.98E-09	1.10E-09	1.80E-09	2.85E-09	5.02E-10	2.52E-09	1.40E-08
3295	478863.09	3847877.25	1.54E-05	1.89E-05	1.65E-05	5.34E-09	1.61E-08	9.33E-09	1.14E-08	1.04E-08	4.73E-09	4.15E-09	1.78E-10	4.31E-09	9.50E-10	1.55E-09	2.46E-09	4.34E-10	2.18E-09	1.21E-08
3296	479363.09	3847877.25	1.03E-05	1.26E-05	1.10E-05	3.56E-09	1.08E-08	6.23E-09	7.63E-09	6.92E-09	3.16E-09	2.77E-09	1.19E-10	2.87E-09	6.34E-10	1.04E-09	1.64E-09	2.90E-10	1.45E-09	8.05E-09
3297	479863.09	3847877.25	5.97E-06	7.31E-06	6.42E-06	2.07E-09	6.25E-09	3.62E-09	4.43E-09	4.02E-09	1.83E-09	1.61E-09	6.91E-11	1.67E-09	3.68E-10	6.02E-10	9.54E-10	1.68E-10	8.44E-10	4.67E-09
3298	480363.09	3847877.25	6.17E-06	7.56E-06	6.63E-06	2.14E-09	6.46E-09	3.74E-09	4.58E-09	4.15E-09	1.89E-09	1.66E-09	7.14E-11	1.73E-09	3.81E-10	6.22E-10	9.86E-10	1.74E-10	8.71E-10	4.83E-09
3299	480863.09	3847877.25	5.35E-06	6.55E-06	5.75E-06	1.85E-09	5.60E-09	3.24E-09	3.97E-09	3.60E-09	1.64E-09	1.44E-09	6.19E-11	1.50E-09	3.30E-10	5.39E-10	8.55E-10	1.51E-10	7.56E-10	4.19E-09
3300	481363.09	3847877.25	5.40E-06	6.61E-06	5.80E-06	1.87E-09	5.65E-09	3.27E-09	4.01E-09	3.63E-09	1.66E-09	1.45E-09	6.25E-11	1.51E-09	3.33E-10	5.44E-10	8.63E-10	1.52E-10	7.63E-10	4.23E-09
3301	481863.09	3847877.25	7.41E-06	9.08E-06	7.96E-06	2.57E-09	7.75E-09	4.49E-09	5.50E-09	4.98E-09	2.27E-09	1.99E-09	8.58E-11	2.07E-09	4.57E-10	7.47E-10	1.18E-09	2.09E-10	1.05E-09	5.80E-09
3302	482363.09	3847877.25	6.92E-06	8.48E-06	7.43E-06	2.40E-09	7.24E-09	4.19E-09	5.13E-09	4.65E-09	2.12E-09	1.86E-09	8.01E-11	1.93E-09	4.27E-10	6.97E-10	1.11E-09	1.95E-10	9.77E-10	5.42E-09
3303	482863.09	3847877.25	6.02E-06	7.38E-06	6.47E-06	2.09E-09	6.30E-09	3.65E-09	4.47E-09	4.05E-09	1.85E-09	1.62E-09	6.97E-11	1.68E-09	3.72E-10	6.07E-10	9.63E-10	1.70E-10	8.51E-10	4.72E-09
3304	483363.09	3847877.25	5.80E-06	7.11E-06	6.23E-06	2.01E-09	6.07E-09	3.52E-09	4.31E-09	3.90E-09	1.78E-09	1.56E-09	6.72E-11	1.62E-09	3.58E-10	5.85E-10	9.27E-10	1.63E-10	8.20E-10	4.54E-09
3305	483863.09	3847877.25	5.64E-06	6.91E-06	6.06E-06	1.95E-09	5.90E-09	3.42E-09	4.18E-09	3.79E-09	1.73E-09	1.52E-09	6.52E-11	1.58E-09	3.48E-10	5.68E-10	9.01E-10	1.59E-10	7.97E-10	4.41E-09
3306	484363.09	3847877.25	5.73E-06	7.01E-06	6.15E-06	1.98E-09	5.99E-09	3.47E-09	4.25E-09	3.85E-09	1.76E-09	1.54E-09	6.63E-11	1.60E-09	3.53E-10	5.77E-10	9.15E-10	1.61E-10	8.09E-10	4.48E-09
3307	484863.09	3847877.25	5.47E-06	6.70E-06	5.88E-06	1.90E-09	5.72E-09	3.31E-09	4.06E-09	3.68E-09	1.68E-09	1.47E-09	6.33E-11	1.53E-09	3.37E-10	5.51E-10	8.74E-10	1.54E-10	7.73E-10	4.28E-09
3308	485363.09	3847877.25	5.37E-06	6.57E-06	5.77E-06	1.86E-09	5.62E-09	3.25E-09	3.98E-09	3.61E-09	1.65E-09	1.45E-09	6.21E-11	1.50E-09	3.31E-10	5.41E-10	8.58E-10	1.51E-10	7.59E-10	4.20E-09
3309	485863.09	3847877.25	5.24E-06	6.41E-06	5.62E-06	1.81E-09	5.48E-09	3.17E-09	3.89E-09	3.52E-09	1.61E-09	1.41E-09	6.06E-11	1.46E-09	3.23E-10	5.27E-10	8.37E-10	1.47E-10	7.40E-10	4.10E-09
3310	486363.09	3847877.25	4.78E-06	5.86E-06	5.14E-06	1.66E-09	5.00E-09	2.90E-09	3.55E-09	3.22E-09	1.47E-09	1.29E-09	5.53E-11	1.34E-09	2.95E-10	4.82E-10	7.64E-10	1.35E-10	6.75E-10	3.74E-09
3311	486863.09	3847877.25	4.48E-06	5.49E-06	4.81E-06	1.55E-09	4.69E-09	2.71E-09	3.32E-09	3.01E-09	1.38E-09	1.21E-09	5.19E-11	1.25E-09	2.76E-10	4.51E-10	7.16E-10	1.26E-10	6.33E-10	3.51E-09
3312	487363.09	3847877.25	4.25E-06	5.20E-06	4.56E-06	1.47E-09	4.44E-09	2.57E-09	3.15E-09	2.86E-09	1.30E-09	1.14E-09	4.92E-11	1.19E-09	2.62E-10	4.28E-10	6.79E-10	1.20E-10	6.00E-10	3.32E-09
3313	487863.09	3847877.25	3.97E-06	4.86E-06	4.26E-06	1.38E-09	4.15E-09	2.40E-09	2.94E-09	2.67E-09	1.22E-09	1.07E-09	4.59E-11	1.11E-09	2.45E-10	4.00E-10	6.34E-10	1.12E-10	5.61E-10	3.11E-09
3314	488363.09	3847877.25	3.85E-06	4.72E-06	4.14E-06	1.34E-09	4.03E-09	2.33E-09	2.86E-09	2.59E-09	1.18E-09	1.04E-09	4.46E-11	1.08E-09	2.38E-10	3.88E-10	6.16E-10	1.09E-10	5.44E-10	3.02E-09
3315	488863.09	3847877.25	3.83E-06	4.69E-06	4.11E-06	1.33E-09	4.00E-09	2.32E-09	2.84E-09	2.57E-09	1.17E-09	1.03E-09	4.43E-11	1.07E-09	2.36E-10	3.86E-10	6.12E-10	1.08E-10	5.41E-10	3.00E-09
3316	489363.09	3847877.25	3.87E-06	4.74E-06	4.16E-06	1.34E-09	4.05E-09	2.35E-09	2.87E-09	2.61E-09	1.19E-09	1.04E-09	4.48E-11	1.08E-09	2.39E-10	3.90E-10	6.19E-10	1.09E-10	5.47E-10	3.03E-09
3317	489863.09	3847877.25	4.12E-06	5.04E-06	4.42E-06	1.43E-09	4.31E-09	2.49E-09	3.05E-09	2.77E-09	1.26E-09	1.11E-09	4.76E-11	1.15E-09	2.54E-10	4.15E-10	6.58E-10	1.16E-10	5.81E-10	3.22E-09
3318	490363.09	3847877.25	4.18E-06	5.12E-06	4.49E-06	1.45E-09	4.38E-09	2.53E-09	3.10E-09	2.81E-09	1.28E-09	1.12E-09	4.84E-11	1.17E-09	2.58E-10	4.21E-10	6.68E-10	1.18E-10	5.90E-10	3.27E-09
3319	490863.09	3847877.25	4.13E-06	5.06E-06	4.43E-06	1.43E-09	4.32E-09	2.50E-09	3.06E-09	2.78E-09	1.27E-09	1.11E-09	4.78E-11	1.15E-09	2.55E-10	4.16E-10	6.60E-10	1.16E-10	5.83E-10	3.23E-09
3320	491363.09	3847877.25	4.00E-06	4.90E-06	4.30E-06	1.39E-09	4.19E-09	2.42E-09	2.97E-09	2.69E-09	1.23E-09	1.08E-09	4.63E-11	1.12E-09	2.47E-10	4.03E-10	6.39E-10	1.13E-10	5.65E-10	3.13E-09
3321	491863.09	3847877.25	4.14E-06	5.07E-06	4.44E-06	1.43E-09	4.33E-09	2.51E-09	3.07E-09	2.78E-09	1.27E-09	1.11E-09	4.79E-11	1.16E-09	2.55E-10	4.17E-10	6.61E-10	1.17E-10	5.84E-10	3.24E-09
3322	492363.09	3847877.25	4.37E-06	5.36E-06	4.70E-06	1.52E-09	4.58E-09	2.65E-09	3.25E-09	2.94E-09	1.34E-09	1.18E-09	5.06E-11	1.22E-09	2.70E-10	4.41E-10	6.99E-10	1.23E-10	6.18E-10	3.42E-09
3323	492863.09	3847877.25	4.53E-06	5.54E-06	4.86E-06	1.57E-09	4.74E-09	2.74E-09	3.36E-09	3.04E-09	1.39E-09	1.22E-09	5.24E-11	1.27E-09	2.79E-10	4.56E-10	7.23E-10	1.27E-10	6.39E-10	3.54E-09
3324	493363.09	3847877.25	4.51E-06	5.52E-06	4.84E-06	1.56E-09	4.72E-09	2.73E-09	3.34E-09	3.03E-09	1.38E-09	1.21E-09	5.22E-11	1.26E-09	2.78E-10	4.54E-10	7.20E-10	1.27E-10	6.37E-10	3.53E-09
3325	493863.09	3847877.25	4.61E-06	5.65E-06	4.95E-06	1.60E-09	4.83E-09	2.79E-09	3.42E-09	3.10E-09	1.42E-09	1.24E-09	5.34E-11	1.29E-09	2.84E-10	4.65E-10	7.37E-10	1.30E-10	6.51E-10	3.61E-09
3326	494363.09	3847877.25	4.82E-06	5.91E-06	5.18E-06	1.67E-09	5.05E-09	2.92E-09	3.58E-09	3.24E-09	1.48E-09	1.30E-09	5.58E-11	1.35E-09	2.97E-10	4.86E-10	7.71E-10	1.36E-10	6.81E-10	3.77E-09
3327	494863.09	3847877.25	5.13E-06	6.28E-06	5.50E-06	1.78E-09	5.36E-09	3.11E-09	3.80E-09	3.45E-09	1.57E-09	1.38E-09	5.93E-11	1.43E-09	3.16E-10	5.16E-10	8.19E-10	1.44E-10	7.24E-10	4.01E-09
3328	495363.09	3847877.25	5.30E-06	6.49E-06	5.69E-06	1.84E-09	5.55E-09	3.21E-09	3.93E-09	3.57E-09	1.63E-09	1.43E-09	6.14E-11	1.48E-09	3.27E-10	5.34E-10	8.47E-10	1.49E-10	7.48E-10	4.15E-09
3329	495863.09	3847877.25	5.06E-06	6.20E-06	5.43E-06	1.75E-09	5.30E-09	3.07E-09	3.75E-09	3.40E-09	1.55E-09	1.36E-09	5.86E-11	1.41E-09	3.12E-10	5.10E-10	8.09E-10	1.43E-10	7.14E-10	3.96E-09
3330	496363.09	3847877.25	6.07E-06	7.43E-06	6.51E-06	2.10E-09	6.35E-09	3.68E-09	4.50E-09	4.08E-09	1.86E-09	1.63E-09	7.02E-11	1.70E-09	3.74E-10	6.11E-10	9.70E-10	1.71E-10	8.57E-10	4.75E-09
3331	496863.09	3847877.25	6.68E-06	8.19E-06	7.17E-06	2.32E-09	6.99E-09	4.05E-09	4.96E-09	4.49E-09	2.05E-09	1.80E-09	7.73E-11	1.87E-09	4.12E-10	6.73E-10	1.07E-09	1.88E-10	9.43E-10	5.23E-09
3332	497363.09	3847877.25	7.45E-06	9.12E-06	8.00E-06	2.58E-09	7.79E-09	4.51E-09	5.53E-09	5.01E-09	2.29E-09	2.00E-09	8.62E-11	2.08E-09	4.59E-10	7.50E-10	1.19E-09	2.10E-10	1.05E-09	5.83E-09
3333	497863.09	3847877.25	8.86E-06	1.09E-05	9.52E-06	3.07E-09	9.27E-09	5.37E-09	6.58E-09	5.96E-09	2.72E-09	2.38E-09	1.03E-10	2.48E-09	5.47E-10	8.93E-10	1.42E-09	2.50E-10	1.25E-09	6.94E-09
3334	498363.09	3847877.25	9.67E-06	1.18E-05	1.04E-05	3.35E-09	1.01E-08	5.86E-09	7.17E-09	6.50E-09	2.97E-09	2.60E-09	1.12E-10	2.70E-09	5.96E-10	9.74E-10	1.54E-09	2.72E-10	1.36E-09	7.57E-09
3335	471363.09	3848377.25	1.37E-05	1.68E-05	1.47E-05	4.74E-09	1.43E-08	8.29E-09	1.02E-08	9.21E-09	4.20E-09	3.68E-09	1.58E-10	3.83E-09	8.44E-10	1.38E-09	2.19E-09	3.85E-10	1.93E-09	1.07E-08
3336	471863.09	3848377.25	1.45E-05	1.77E-05	1.55E-05	5.01E-09	1.51E-08	8.76E-09	1.07E-08	9.72E-09	4.44E-09	3.89E-09	1.67E-10	4.04E-09	8.92E-10	1.46E-09	2.31E-09	4.07E-10	2.04E-09	1.13E-08
3337	472363.09	3848377.25	1.50E-05	1.83E-05	1.61E-05	5.19E-09	1.57E-08	9.07E-09	1.11E-08	1.01E-08	4.60E-09	4.03E-09	1.73E-10	4.19E-09	9.24E-10	1.51E-09	2.39E-09	4.22E-10	2.11E-09	1.17E-08
3338	472863.09	3848377.25	1.54E-05	1.88E-05	1.65E-05	5.33E-09	1.61E-08	9.32E-09	1.14E-08	1.03E-08	4.72E-09	4.14E-09	1.78E-10	4.30E-09	9.49E-10	1.55E-09	2.46E-09	4.33E-10	2.17E-09	1.20E-08
3339	473363.09	3848377.25	1.56E-05	1.91E-05	1.68E-05	5.42E-09	1.64E-08	9.47E-09	1.16E-08	1.05E-08	4.80E-09	4.21E-09	1.81E-10	4.37E-09	9.64E-10	1.57E-09	2.50E-09	4.40E-10	2.21E-09	1.22E-08
3340	473863.09	3848377.25	1.59E-05	1.94E-05	1.71E-05	5.50E-09	1.66E-08	9.62E-09	1.18E-08	1.07E-08	4.87E-09	4.27E-09	1.84E-10	4.44E-09	9.79E-10	1.60E-09	2.54E-09	4.47E-10	2.24E-09	1.24E-08
3341	474363.09	3848377.25	1.56E-05	1.91E-05	1.67E-05	5.40E-09	1.63E-08	9.44E-09	1.16E-08	1.05E-08	4.78E-09	4.19E-09	1.80E-10	4.36E-09	9.61E-10	1.57E-09	2.49E-09	4.39E-10	2.20E-09	1.22E-08
3342	474863.09	3848377.25	1.41E-05	1.72E-05	1.51E-05	4.88E-09	1.47E-08	8.53E-09	1.04E-08	9.47E-09	4.32E-09	3.79E-09	1.63E-10	3.94E-09	8.69E-10	1.42E-09	2.25E-09	3.97E-10	1.99E-09	1.10E-08
3343	475363.09	3848377.25	1.48E-05	1.81E-05	1.59E-05	5.13E-09	1.55E-08	8.98E-09	1.10E-08	9.97E-09	4.55E-09	3.99E-09	1.71E-10	4.14E-09	9.14E-10	1.49E-09	2.37E-09	4.17E-10	2.09E-09	1.16E-08
3344	475863.09	3848377.25	1.35E-05	1.65E-05	1.45E-05	4.67E-09	1.41E-08	8.17E-09	1.00E-08	9.07E-09	4.14E-09	3.63E-09	1.56E-10	3.77E-09	8.32E-10	1.36E-09	2.16E-09	3.80E-10	1.91E-09	1.06E-08
3345	476363.09	3848377.25	1.20E-05	1.47E-05	1.29E-05	4.17E-09	1.26E-08	7.28E-09	8.92E-09	8.09E-09	3.69E-09	3.24E-09	1.39E-10	3.36E-09	7.42E-10	1.21E-09	1.92E-09	3.39E-10	1.70E-09	9.41E-09
3346	476863.09	3848377.25	1.52E-05	1.86E-05	1.63E-05	5.27E-09	1.59E-08	9.21E-09	1.13E-08	1.02E-08	4.66E-09	4.09E-09	1.76E-10	4.25E-09	9.38E-10	1.53E-09	2.43E-09	4.28E-10	2.15E-09	1.19E-08
3347	477363.09	3848377.25	1.81E-05	2.22E-05	1.95E-05	6.29E-09	1.90E-08	1.10E-08	1.35E-08	1.22E-08	5.57E-09	4.88E-09	2.10E-10	5.07E-09	1.12E-09	1.83E-09	2.90E-09	5.11E-10	2.56E-09	1.42E-08
3348	477863.09	3848377.25	2.18E-05	2.67E-05	2.34E-05	7.56E-09	2.28E-08	1.32E-08	1.62E-08	1.47E-08	6.69E-09	5.87E-09	2.52E-10	6.10E-09	1.35E-09	2.20E-09	3.48E-09	6.14E-10	3.08E-09	1.71E-08

3349	478363.09	3848377.25	2.19E-05	2.68E-05	2.35E-05	7.57E-09	2.29E-08	1.32E-08	1.62E-08	1.47E-08	6.71E-09	5.88E-09	2.53E-10	6.11E-09	1.35E-09	2.20E-09	3.49E-09	6.16E-10	3.09E-09	1.71E-08
3350	478863.09	3848377.25	1.90E-05	2.32E-05	2.04E-05	6.57E-09	1.98E-08	1.15E-08	1.41E-08	1.27E-08	5.82E-09	5.10E-09	2.19E-10	5.30E-09	1.17E-09	1.91E-09	3.03E-09	5.34E-10	2.68E-09	1.48E-08
3351	479363.09	3848377.25	1.29E-05	1.58E-05	1.38E-05	4.47E-09	1.35E-08	7.81E-09	9.57E-09	8.67E-09	3.96E-09	3.47E-09	1.49E-10	3.60E-09	7.95E-10	1.30E-09	2.06E-09	3.63E-10	1.82E-09	1.01E-08
3352	479863.09	3848377.25	4.41E-06	5.40E-06	4.74E-06	1.53E-09	4.62E-09	2.67E-09	3.27E-09	2.97E-09	1.35E-09	1.19E-09	5.10E-11	1.23E-09	2.72E-10	4.44E-10	7.05E-10	1.24E-10	6.23E-10	3.45E-09
3353	480363.09	3848377.25	6.25E-06	7.66E-06	6.72E-06	2.17E-09	6.54E-09	3.79E-09	4.64E-09	4.21E-09	1.92E-09	1.68E-09	7.24E-11	1.75E-09	3.86E-10	6.30E-10	1.00E-09	1.76E-10	8.83E-10	4.90E-09
3354	480863.09	3848377.25	8.80E-06	1.08E-05	9.45E-06	3.05E-09	9.21E-09	5.33E-09	6.53E-09	5.92E-09	2.70E-09	2.37E-09	1.02E-10	2.46E-09	5.43E-10	8.87E-10	1.41E-09	2.48E-10	1.24E-09	6.89E-09
3355	481363.09	3848377.25	8.62E-06	1.06E-05	9.26E-06	2.99E-09	9.02E-09	5.22E-09	6.39E-09	5.80E-09	2.64E-09	2.32E-09	9.97E-11	2.41E-09	5.31E-10	8.68E-10	1.38E-09	2.43E-10	1.22E-09	6.75E-09
3356	481863.09	3848377.25	8.77E-06	1.07E-05	9.43E-06	3.04E-09	9.18E-09	5.32E-09	6.51E-09	5.90E-09	2.69E-09	2.36E-09	1.02E-10	2.45E-09	5.41E-10	8.84E-10	1.40E-09	2.47E-10	1.24E-09	6.87E-09
3357	482363.09	3848377.25	8.78E-06	1.08E-05	9.43E-06	3.04E-09	9.19E-09	5.32E-09	6.52E-09	5.91E-09	2.70E-09	2.36E-09	1.02E-10	2.46E-09	5.42E-10	8.85E-10	1.40E-09	2.47E-10	1.24E-09	6.88E-09
3358	482863.09	3848377.25	7.37E-06	9.03E-06	7.92E-06	2.56E-09	7.72E-09	4.47E-09	5.47E-09	4.96E-09	2.26E-09	1.98E-09	8.53E-11	2.06E-09	4.55E-10	7.43E-10	1.18E-09	2.08E-10	1.04E-09	5.77E-09
3359	483363.09	3848377.25	7.12E-06	8.72E-06	7.65E-06	2.47E-09	7.45E-09	4.31E-09	5.28E-09	4.79E-09	2.19E-09	1.92E-09	8.24E-11	1.99E-09	4.39E-10	7.17E-10	1.14E-09	2.01E-10	1.01E-09	5.57E-09
3360	483863.09	3848377.25	6.42E-06	7.86E-06	6.90E-06	2.22E-09	6.72E-09	3.89E-09	4.76E-09	4.32E-09	1.97E-09	1.73E-09	7.43E-11	1.79E-09	3.96E-10	6.47E-10	1.03E-09	1.81E-10	9.07E-10	5.03E-09
3361	484363.09	3848377.25	6.31E-06	7.73E-06	6.78E-06	2.19E-09	6.60E-09	3.82E-09	4.68E-09	4.25E-09	1.94E-09	1.70E-09	7.30E-11	1.76E-09	3.89E-10	6.36E-10	1.01E-09	1.78E-10	8.92E-10	4.94E-09
3362	484863.09	3848377.25	6.72E-06	8.23E-06	7.22E-06	2.33E-09	7.03E-09	4.07E-09	4.99E-09	4.52E-09	2.06E-09	1.81E-09	7.78E-11	1.88E-09	4.15E-10	6.77E-10	1.07E-09	1.89E-10	9.50E-10	5.26E-09
3363	485363.09	3848377.25	6.36E-06	7.79E-06	6.83E-06	2.20E-09	6.65E-09	3.85E-09	4.72E-09	4.28E-09	1.95E-09	1.71E-09	7.36E-11	1.78E-09	3.92E-10	6.40E-10	1.02E-09	1.79E-10	8.99E-10	4.98E-09
3364	485863.09	3848377.25	6.13E-06	7.50E-06	6.58E-06	2.12E-09	6.41E-09	3.71E-09	4.55E-09	4.12E-09	1.88E-09	1.65E-09	7.09E-11	1.71E-09	3.78E-10	6.17E-10	9.79E-10	1.73E-10	8.65E-10	4.79E-09
3365	486363.09	3848377.25	5.71E-06	6.99E-06	6.13E-06	1.98E-09	5.97E-09	3.46E-09	4.24E-09	3.84E-09	1.75E-09	1.54E-09	6.61E-11	1.60E-09	3.52E-10	5.75E-10	9.12E-10	1.61E-10	8.06E-10	4.47E-09
3366	486863.09	3848377.25	5.24E-06	6.42E-06	5.63E-06	1.82E-09	5.48E-09	3.18E-09	3.89E-09	3.53E-09	1.61E-09	1.41E-09	6.07E-11	1.47E-09	3.23E-10	5.28E-10	8.38E-10	1.48E-10	7.41E-10	4.10E-09
3367	487363.09	3848377.25	4.73E-06	5.80E-06	5.09E-06	1.64E-09	4.95E-09	2.87E-09	3.51E-09	3.18E-09	1.45E-09	1.27E-09	5.48E-11	1.32E-09	2.92E-10	4.77E-10	7.57E-10	1.33E-10	6.69E-10	3.71E-09
3368	487863.09	3848377.25	4.62E-06	5.66E-06	4.96E-06	1.60E-09	4.83E-09	2.80E-09	3.43E-09	3.11E-09	1.42E-09	1.24E-09	5.35E-11	1.29E-09	2.85E-10	4.65E-10	7.38E-10	1.30E-10	6.53E-10	3.62E-09
3369	488363.09	3848377.25	4.50E-06	5.51E-06	4.83E-06	1.56E-09	4.71E-09	2.72E-09	3.34E-09	3.03E-09	1.38E-09	1.21E-09	5.20E-11	1.26E-09	2.77E-10	4.53E-10	7.19E-10	1.27E-10	6.35E-10	3.52E-09
3370	488863.09	3848377.25	4.53E-06	5.55E-06	4.87E-06	1.57E-09	4.75E-09	2.75E-09	3.36E-09	3.05E-09	1.39E-09	1.22E-09	5.25E-11	1.27E-09	2.80E-10	4.57E-10	7.25E-10	1.28E-10	6.41E-10	3.55E-09
3371	489363.09	3848377.25	4.69E-06	5.75E-06	5.04E-06	1.63E-09	4.91E-09	2.84E-09	3.48E-09	3.16E-09	1.44E-09	1.26E-09	5.43E-11	1.31E-09	2.89E-10	4.73E-10	7.50E-10	1.32E-10	6.63E-10	3.67E-09
3372	489863.09	3848377.25	5.07E-06	6.21E-06	5.44E-06	1.76E-09	5.31E-09	3.07E-09	3.76E-09	3.41E-09	1.56E-09	1.36E-09	5.87E-11	1.42E-09	3.13E-10	5.11E-10	8.10E-10	1.43E-10	7.16E-10	3.97E-09
3373	490363.09	3848377.25	5.08E-06	6.22E-06	5.45E-06	1.76E-09	5.32E-09	3.08E-09	3.77E-09	3.42E-09	1.56E-09	1.37E-09	5.88E-11	1.42E-09	3.13E-10	5.12E-10	8.12E-10	1.43E-10	7.17E-10	3.98E-09
3374	490863.09	3848377.25	4.93E-06	6.04E-06	5.29E-06	1.71E-09	5.16E-09	2.99E-09	3.66E-09	3.31E-09	1.51E-09	1.33E-09	5.70E-11	1.38E-09	3.04E-10	4.97E-10	7.88E-10	1.39E-10	6.96E-10	3.86E-09
3375	491363.09	3848377.25	4.92E-06	6.03E-06	5.29E-06	1.71E-09	5.15E-09	2.98E-09	3.65E-09	3.31E-09	1.51E-09	1.32E-09	5.70E-11	1.38E-09	3.04E-10	4.96E-10	7.87E-10	1.39E-10	6.95E-10	3.85E-09
3376	491863.09	3848377.25	5.04E-06	6.18E-06	5.42E-06	1.75E-09	5.28E-09	3.06E-09	3.74E-09	3.39E-09	1.55E-09	1.36E-09	5.84E-11	1.41E-09	3.11E-10	5.08E-10	8.06E-10	1.42E-10	7.12E-10	3.95E-09
3377	492363.09	3848377.25	4.96E-06	6.07E-06	5.33E-06	1.72E-09	5.19E-09	3.00E-09	3.68E-09	3.34E-09	1.52E-09	1.33E-09	5.74E-11	1.39E-09	3.06E-10	5.00E-10	7.93E-10	1.40E-10	7.00E-10	3.88E-09
3378	492863.09	3848377.25	4.84E-06	5.93E-06	5.20E-06	1.68E-09	5.07E-09	2.93E-09	3.59E-09	3.26E-09	1.49E-09	1.30E-09	5.60E-11	1.35E-09	2.99E-10	4.88E-10	7.74E-10	1.36E-10	6.84E-10	3.79E-09
3379	493363.09	3848377.25	4.99E-06	6.11E-06	5.36E-06	1.73E-09	5.22E-09	3.02E-09	3.70E-09	3.36E-09	1.53E-09	1.34E-09	5.77E-11	1.39E-09	3.08E-10	5.03E-10	7.97E-10	1.41E-10	7.04E-10	3.91E-09
3380	493863.09	3848377.25	5.18E-06	6.34E-06	5.56E-06	1.79E-09	5.42E-09	3.14E-09	3.84E-09	3.48E-09	1.59E-09	1.39E-09	5.99E-11	1.45E-09	3.19E-10	5.22E-10	8.27E-10	1.46E-10	7.31E-10	4.05E-09
3381	494363.09	3848377.25	5.37E-06	6.57E-06	5.76E-06	1.86E-09	5.61E-09	3.25E-09	3.98E-09	3.61E-09	1.65E-09	1.44E-09	6.21E-11	1.50E-09	3.31E-10	5.41E-10	8.58E-10	1.51E-10	7.57E-10	4.20E-09
3382	494863.09	3848377.25	5.72E-06	7.01E-06	6.14E-06	1.98E-09	5.98E-09	3.46E-09	4.24E-09	3.85E-09	1.76E-09	1.54E-09	6.62E-11	1.60E-09	3.53E-10	5.76E-10	9.14E-10	1.61E-10	8.07E-10	4.48E-09
3383	495363.09	3848377.25	5.67E-06	6.95E-06	6.09E-06	1.97E-09	5.94E-09	3.44E-09	4.21E-09	3.82E-09	1.74E-09	1.53E-09	6.57E-11	1.59E-09	3.50E-10	5.72E-10	9.07E-10	1.60E-10	8.01E-10	4.44E-09
3384	495863.09	3848377.25	5.95E-06	7.29E-06	6.39E-06	2.06E-09	6.23E-09	3.61E-09	4.42E-09	4.00E-09	1.83E-09	1.60E-09	6.89E-11	1.66E-09	3.67E-10	6.00E-10	9.51E-10	1.68E-10	8.40E-10	4.66E-09
3385	496363.09	3848377.25	6.64E-06	8.14E-06	7.13E-06	2.30E-09	6.95E-09	4.02E-09	4.93E-09	4.47E-09	2.04E-09	1.79E-09	7.69E-11	1.86E-09	4.10E-10	6.69E-10	1.06E-09	1.87E-10	9.38E-10	5.20E-09
3386	496863.09	3848377.25	6.84E-06	8.38E-06	7.34E-06	2.37E-09	7.16E-09	4.14E-09	5.07E-09	4.60E-09	2.10E-09	1.84E-09	7.91E-11	1.91E-09	4.22E-10	6.89E-10	1.09E-09	1.93E-10	9.65E-10	5.35E-09
3387	497363.09	3848377.25	7.86E-06	9.63E-06	8.44E-06	2.72E-09	8.22E-09	4.76E-09	5.83E-09	5.29E-09	2.41E-09	2.11E-09	9.10E-11	2.20E-09	4.85E-10	7.92E-10	1.26E-09	2.21E-10	1.11E-09	6.15E-09
3388	497863.09	3848377.25	1.07E-05	1.31E-05	1.15E-05	3.72E-09	1.12E-08	6.50E-09	7.97E-09	7.22E-09	3.29E-09	2.89E-09	1.24E-10	3.00E-09	6.62E-10	1.08E-09	1.72E-09	3.02E-10	1.52E-09	8.40E-09
3389	498363.09	3848377.25	1.14E-05	1.40E-05	1.23E-05	3.96E-09	1.20E-08	6.92E-09	8.48E-09	7.68E-09	3.51E-09	3.07E-09	1.32E-10	3.19E-09	7.05E-10	1.15E-09	1.83E-09	3.22E-10	1.61E-09	8.94E-09
3390	471363.09	3848877.25	1.34E-05	1.64E-05	1.44E-05	4.64E-09	1.40E-08	8.12E-09	9.94E-09	9.01E-09	4.11E-09	3.61E-09	1.55E-10	3.75E-09	8.27E-10	1.35E-09	2.14E-09	3.77E-10	1.89E-09	1.05E-08
3391	471863.09	3848877.25	1.44E-05	1.77E-05	1.55E-05	5.00E-09	1.51E-08	8.74E-09	1.07E-08	9.71E-09	4.43E-09	3.89E-09	1.67E-10	4.04E-09	8.90E-10	1.45E-09	2.31E-09	4.07E-10	2.04E-09	1.13E-08
3392	472363.09	3848877.25	1.54E-05	1.89E-05	1.66E-05	5.34E-09	1.61E-08	9.34E-09	1.14E-08	1.04E-08	4.73E-09	4.15E-09	1.78E-10	4.31E-09	9.51E-10	1.55E-09	2.46E-09	4.34E-10	2.18E-09	1.21E-08
3393	472863.09	3848877.25	1.63E-05	1.99E-05	1.75E-05	5.64E-09	1.70E-08	9.85E-09	1.21E-08	1.09E-08	4.99E-09	4.38E-09	1.88E-10	4.55E-09	1.00E-09	1.64E-09	2.60E-09	4.58E-10	2.30E-09	1.27E-08
3394	473363.09	3848877.25	1.70E-05	2.08E-05	1.82E-05	5.88E-09	1.77E-08	1.03E-08	1.26E-08	1.14E-08	5.20E-09	4.56E-09	1.96E-10	4.74E-09	1.05E-09	1.71E-09	2.71E-09	4.77E-10	2.39E-09	1.33E-08
3395	473863.09	3848877.25	1.74E-05	2.13E-05	1.87E-05	6.02E-09	1.82E-08	1.05E-08	1.29E-08	1.17E-08	5.33E-09	4.67E-09	2.01E-10	4.85E-09	1.07E-09	1.75E-09	2.77E-09	4.89E-10	2.45E-09	1.36E-08
3396	474363.09	3848877.25	1.78E-05	2.18E-05	1.92E-05	6.18E-09	1.87E-08	1.08E-08	1.32E-08	1.20E-08	5.47E-09	4.80E-09	2.06E-10	4.99E-09	1.10E-09	1.80E-09	2.85E-09	5.02E-10	2.52E-09	1.40E-08
3397	474863.09	3848877.25	1.72E-05	2.11E-05	1.85E-05	5.97E-09	1.80E-08	1.04E-08	1.28E-08	1.16E-08	5.29E-09	4.64E-09	1.99E-10	4.81E-09	1.06E-09	1.73E-09	2.75E-09	4.85E-10	2.43E-09	1.35E-08
3398	475363.09	3848877.25	1.68E-05	2.06E-05	1.81E-05	5.83E-09	1.76E-08	1.02E-08	1.25E-08	1.13E-08	5.16E-09	4.53E-09	1.95E-10	4.70E-09	1.04E-09	1.70E-09	2.69E-09	4.74E-10	2.38E-09	1.32E-08
3399	475863.09	3848877.25	1.71E-05	2.10E-05	1.84E-05	5.94E-09	1.79E-08	1.04E-08	1.27E-08	1.15E-08	5.26E-09	4.61E-09	1.98E-10	4.79E-09	1.06E-09	1.73E-09	2.74E-09	4.82E-10	2.42E-09	1.34E-08
3400	476363.09	3848877.25	1.62E-05	1.98E-05	1.74E-05	5.61E-09	1.69E-08	9.81E-09	1.20E-08	1.09E-08	4.97E-09	4.36E-09	1.87E-10	4.53E-09	9.99E-10	1.63E-09	2.59E-09	4.56E-10	2.29E-09	1.27E-08
3401	476863.09	3848877.25	1.49E-05	1.83E-05	1.60E-05	5.17E-09	1.56E-08	9.03E-09	1.11E-08	1.00E-08	4.58E-09	4.01E-09	1.73E-10	4.17E-09	9.20E-10	1.50E-09	2.38E-09	4.20E-10	2.11E-09	1.17E-08
3402	477363.09	3848877.25	1.77E-05	2.17E-05	1.90E-05	6.13E-09	1.85E-08	1.07E-08	1.31E-08	1.19E-08	5.42E-09	4.76E-09	2.05E-10	4.94E-09	1.09E-09	1.78E-09	2.82E-09	4.98E-10	2.50E-09	1.38E-08
3403	477863.09	3848877.25	2.08E-05	2.54E-05	2.23E-05	7.20E-09	2.17E-08	1.26E-08	1.54E-08	1.40E-08	6.38E-09	5.59E-09	2.40E-10	5.81E-09	1.28E-09	2.09E-09	3.32E-09	5.85E-10	2.93E-09	1.63E-08

3404	478363.09	3848877.25	2.50E-05	3.06E-05	2.68E-05	8.66E-09	2.61E-08	1.51E-08	1.85E-08	1.68E-08	7.67E-09	6.72E-09	2.89E-10	6.98E-09	1.54E-09	2.52E-09	3.99E-09	7.03E-10	3.53E-09	1.95E-08
3405	478863.09	3848877.25	2.44E-05	2.99E-05	2.62E-05	8.45E-09	2.55E-08	1.48E-08	1.81E-08	1.64E-08	7.48E-09	6.56E-09	2.82E-10	6.81E-09	1.50E-09	2.46E-09	3.90E-09	6.87E-10	3.44E-09	1.91E-08
3406	479363.09	3848877.25	1.98E-05	2.43E-05	2.13E-05	6.87E-09	2.07E-08	1.20E-08	1.47E-08	1.33E-08	6.08E-09	5.33E-09	2.29E-10	5.54E-09	1.22E-09	2.00E-09	3.17E-09	5.58E-10	2.80E-09	1.55E-08
3407	479863.09	3848877.25	1.43E-05	1.75E-05	1.53E-05	4.95E-09	1.49E-08	8.65E-09	1.06E-08	9.61E-09	4.38E-09	3.84E-09	1.65E-10	3.99E-09	8.81E-10	1.44E-09	2.28E-09	4.02E-10	2.02E-09	1.12E-08
3408	480363.09	3848877.25	1.36E-05	1.66E-05	1.46E-05	4.70E-09	1.42E-08	8.21E-09	1.01E-08	9.12E-09	4.16E-09	3.65E-09	1.57E-10	3.79E-09	8.36E-10	1.37E-09	2.17E-09	3.82E-10	1.92E-09	1.06E-08
3409	480863.09	3848877.25	1.39E-05	1.70E-05	1.49E-05	4.81E-09	1.45E-08	8.41E-09	1.03E-08	9.34E-09	4.26E-09	3.74E-09	1.61E-10	3.88E-09	8.57E-10	1.40E-09	2.22E-09	3.91E-10	1.96E-09	1.09E-08
3410	481363.09	3848877.25	1.27E-05	1.55E-05	1.36E-05	4.40E-09	1.33E-08	7.69E-09	9.42E-09	8.54E-09	3.89E-09	3.42E-09	1.47E-10	3.55E-09	7.83E-10	1.28E-09	2.03E-09	3.57E-10	1.79E-09	9.93E-09
3411	481863.09	3848877.25	1.05E-05	1.29E-05	1.13E-05	3.64E-09	1.10E-08	6.37E-09	7.80E-09	7.07E-09	3.23E-09	2.83E-09	1.22E-10	2.94E-09	6.49E-10	1.06E-09	1.68E-09	2.96E-10	1.49E-09	8.23E-09
3412	482363.09	3848877.25	8.64E-06	1.06E-05	9.28E-06	2.99E-09	9.04E-09	5.23E-09	6.41E-09	5.81E-09	2.65E-09	2.32E-09	1.00E-10	2.41E-09	5.33E-10	8.70E-10	1.38E-09	2.43E-10	1.22E-09	6.76E-09
3413	482863.09	3848877.25	7.13E-06	8.73E-06	7.66E-06	2.47E-09	7.46E-09	4.32E-09	5.29E-09	4.79E-09	2.19E-09	1.92E-09	8.25E-11	1.99E-09	4.40E-10	7.18E-10	1.14E-09	2.01E-10	1.01E-09	5.58E-09
3414	483363.09	3848877.25	6.22E-06	7.61E-06	6.68E-06	2.15E-09	6.50E-09	3.77E-09	4.61E-09	4.18E-09	1.91E-09	1.67E-09	7.19E-11	1.74E-09	3.83E-10	6.26E-10	9.93E-10	1.75E-10	8.78E-10	4.87E-09
3415	483863.09	3848877.25	6.08E-06	7.44E-06	6.53E-06	2.11E-09	6.36E-09	3.68E-09	4.51E-09	4.09E-09	1.86E-09	1.64E-09	7.03E-11	1.70E-09	3.75E-10	6.12E-10	9.71E-10	1.71E-10	8.59E-10	4.76E-09
3416	484363.09	3848877.25	7.17E-06	8.78E-06	7.70E-06	2.48E-09	7.50E-09	4.34E-09	5.32E-09	4.82E-09	2.20E-09	1.93E-09	8.29E-11	2.00E-09	4.42E-10	7.22E-10	1.15E-09	2.02E-10	1.01E-09	5.61E-09
3417	484863.09	3848877.25	8.20E-06	1.00E-05	8.81E-06	2.84E-09	8.58E-09	4.97E-09	6.08E-09	5.52E-09	2.52E-09	2.21E-09	9.49E-11	2.29E-09	5.06E-10	8.26E-10	1.31E-09	2.31E-10	1.16E-09	6.42E-09
3418	485363.09	3848877.25	7.68E-06	9.40E-06	8.25E-06	2.66E-09	8.03E-09	4.65E-09	5.70E-09	5.16E-09	2.36E-09	2.07E-09	8.89E-11	2.15E-09	4.74E-10	7.74E-10	1.23E-09	2.16E-10	1.09E-09	6.01E-09
3419	485863.09	3848877.25	7.29E-06	8.93E-06	7.83E-06	2.53E-09	7.63E-09	4.42E-09	5.41E-09	4.91E-09	2.24E-09	1.96E-09	8.44E-11	2.04E-09	4.50E-10	7.35E-10	1.17E-09	2.05E-10	1.03E-09	5.71E-09
3420	486363.09	3848877.25	6.53E-06	8.00E-06	7.02E-06	2.26E-09	6.84E-09	3.96E-09	4.85E-09	4.40E-09	2.01E-09	1.76E-09	7.56E-11	1.83E-09	4.03E-10	6.58E-10	1.04E-09	1.84E-10	9.23E-10	5.12E-09
3421	486863.09	3848877.25	5.80E-06	7.11E-06	6.23E-06	2.01E-09	6.07E-09	3.51E-09	4.30E-09	3.90E-09	1.78E-09	1.56E-09	6.71E-11	1.62E-09	3.58E-10	5.84E-10	9.27E-10	1.63E-10	8.20E-10	4.54E-09
3422	487363.09	3848877.25	5.76E-06	7.06E-06	6.19E-06	2.00E-09	6.03E-09	3.49E-09	4.27E-09	3.87E-09	1.77E-09	1.55E-09	6.67E-11	1.61E-09	3.55E-10	5.80E-10	9.20E-10	1.62E-10	8.14E-10	4.51E-09
3423	487863.09	3848877.25	5.48E-06	6.71E-06	5.89E-06	1.90E-09	5.73E-09	3.32E-09	4.07E-09	3.69E-09	1.68E-09	1.47E-09	6.34E-11	1.53E-09	3.38E-10	5.52E-10	8.76E-10	1.54E-10	7.74E-10	4.29E-09
3424	488363.09	3848877.25	5.46E-06	6.69E-06	5.87E-06	1.89E-09	5.71E-09	3.31E-09	4.05E-09	3.67E-09	1.68E-09	1.47E-09	6.32E-11	1.53E-09	3.37E-10	5.50E-10	8.73E-10	1.54E-10	7.72E-10	4.28E-09
3425	488863.09	3848877.25	5.49E-06	6.72E-06	5.89E-06	1.90E-09	5.74E-09	3.32E-09	4.07E-09	3.69E-09	1.68E-09	1.48E-09	6.35E-11	1.53E-09	3.38E-10	5.53E-10	8.77E-10	1.55E-10	7.75E-10	4.29E-09
3426	489363.09	3848877.25	5.77E-06	7.07E-06	6.20E-06	2.00E-09	6.04E-09	3.50E-09	4.28E-09	3.88E-09	1.77E-09	1.55E-09	6.68E-11	1.61E-09	3.56E-10	5.82E-10	9.23E-10	1.63E-10	8.15E-10	4.52E-09
3427	489863.09	3848877.25	6.07E-06	7.44E-06	6.52E-06	2.10E-09	6.35E-09	3.68E-09	4.50E-09	4.08E-09	1.86E-09	1.63E-09	7.02E-11	1.70E-09	3.74E-10	6.12E-10	9.70E-10	1.71E-10	8.57E-10	4.75E-09
3428	490363.09	3848877.25	5.90E-06	7.23E-06	6.33E-06	2.04E-09	6.17E-09	3.57E-09	4.38E-09	3.97E-09	1.81E-09	1.59E-09	6.83E-11	1.65E-09	3.64E-10	5.94E-10	9.43E-10	1.66E-10	8.33E-10	4.62E-09
3429	490863.09	3848877.25	5.81E-06	7.11E-06	6.24E-06	2.01E-09	6.08E-09	3.52E-09	4.31E-09	3.91E-09	1.78E-09	1.56E-09	6.72E-11	1.62E-09	3.58E-10	5.85E-10	9.28E-10	1.64E-10	8.20E-10	4.55E-09
3430	491363.09	3848877.25	5.89E-06	7.21E-06	6.32E-06	2.04E-09	6.16E-09	3.57E-09	4.37E-09	3.96E-09	1.81E-09	1.58E-09	6.81E-11	1.65E-09	3.63E-10	5.93E-10	9.41E-10	1.66E-10	8.31E-10	4.61E-09
3431	491863.09	3848877.25	5.73E-06	7.02E-06	6.15E-06	1.98E-09	5.99E-09	3.47E-09	4.25E-09	3.85E-09	1.76E-09	1.54E-09	6.63E-11	1.60E-09	3.53E-10	5.77E-10	9.15E-10	1.61E-10	8.09E-10	4.48E-09
3432	492363.09	3848877.25	5.59E-06	6.85E-06	6.00E-06	1.94E-09	5.85E-09	3.39E-09	4.15E-09	3.76E-09	1.72E-09	1.50E-09	6.47E-11	1.56E-09	3.45E-10	5.63E-10	8.93E-10	1.57E-10	7.89E-10	4.37E-09
3433	492863.09	3848877.25	5.42E-06	6.64E-06	5.82E-06	1.88E-09	5.67E-09	3.29E-09	4.02E-09	3.65E-09	1.66E-09	1.46E-09	6.28E-11	1.52E-09	3.35E-10	5.46E-10	8.67E-10	1.53E-10	7.66E-10	4.24E-09
3434	493363.09	3848877.25	5.30E-06	6.49E-06	5.69E-06	1.84E-09	5.54E-09	3.21E-09	3.93E-09	3.56E-09	1.63E-09	1.43E-09	6.13E-11	1.48E-09	3.27E-10	5.34E-10	8.47E-10	1.49E-10	7.48E-10	4.15E-09
3435	493863.09	3848877.25	5.72E-06	7.01E-06	6.14E-06	1.98E-09	5.99E-09	3.47E-09	4.25E-09	3.85E-09	1.76E-09	1.54E-09	6.62E-11	1.60E-09	3.53E-10	5.76E-10	9.14E-10	1.61E-10	8.08E-10	4.48E-09
3436	494363.09	3848877.25	6.02E-06	7.37E-06	6.46E-06	2.09E-09	6.30E-09	3.64E-09	4.46E-09	4.05E-09	1.85E-09	1.62E-09	6.96E-11	1.68E-09	3.71E-10	6.06E-10	9.62E-10	1.69E-10	8.49E-10	4.71E-09
3437	494863.09	3848877.25	6.55E-06	8.02E-06	7.03E-06	2.27E-09	6.85E-09	3.97E-09	4.86E-09	4.40E-09	2.01E-09	1.76E-09	7.58E-11	1.83E-09	4.04E-10	6.60E-10	1.05E-09	1.84E-10	9.24E-10	5.12E-09
3438	495363.09	3848877.25	7.02E-06	8.60E-06	7.54E-06	2.43E-09	7.35E-09	4.25E-09	5.21E-09	4.72E-09	2.15E-09	1.89E-09	8.12E-11	1.96E-09	4.33E-10	7.07E-10	1.12E-09	1.98E-10	9.91E-10	5.49E-09
3439	495863.09	3848877.25	6.86E-06	8.40E-06	7.37E-06	2.38E-09	7.18E-09	4.16E-09	5.09E-09	4.62E-09	2.11E-09	1.85E-09	7.94E-11	1.92E-09	4.23E-10	6.91E-10	1.10E-09	1.93E-10	9.69E-10	5.37E-09
3440	496363.09	3848877.25	7.29E-06	8.93E-06	7.83E-06	2.53E-09	7.63E-09	4.42E-09	5.41E-09	4.91E-09	2.24E-09	1.96E-09	8.44E-11	2.04E-09	4.50E-10	7.35E-10	1.17E-09	2.05E-10	1.03E-09	5.71E-09
3441	496863.09	3848877.25	8.40E-06	1.03E-05	9.01E-06	2.91E-09	8.78E-09	5.09E-09	6.23E-09	5.65E-09	2.58E-09	2.26E-09	9.72E-11	2.35E-09	5.18E-10	8.46E-10	1.34E-09	2.36E-10	1.19E-09	6.57E-09
3442	497363.09	3848877.25	1.08E-05	1.33E-05	1.16E-05	3.76E-09	1.13E-08	6.57E-09	8.04E-09	7.29E-09	3.33E-09	2.92E-09	1.25E-10	3.03E-09	6.69E-10	1.09E-09	1.73E-09	3.05E-10	1.53E-09	8.48E-09
3443	497863.09	3848877.25	1.23E-05	1.51E-05	1.32E-05	4.27E-09	1.29E-08	7.47E-09	9.15E-09	8.30E-09	3.79E-09	3.32E-09	1.43E-10	3.45E-09	7.61E-10	1.24E-09	1.97E-09	3.47E-10	1.74E-09	9.65E-09
3444	498363.09	3848877.25	1.36E-05	1.67E-05	1.46E-05	4.72E-09	1.43E-08	8.26E-09	1.01E-08	9.17E-09	4.18E-09	3.67E-09	1.58E-10	3.81E-09	8.41E-10	1.37E-09	2.18E-09	3.84E-10	1.92E-09	1.07E-08
3445	471363.09	3849377.25	1.29E-05	1.59E-05	1.39E-05	4.49E-09	1.36E-08	7.84E-09	9.61E-09	8.71E-09	3.97E-09	3.49E-09	1.50E-10	3.62E-09	7.99E-10	1.30E-09	2.07E-09	3.65E-10	1.83E-09	1.01E-08
3446	471863.09	3849377.25	1.42E-05	1.74E-05	1.52E-05	4.92E-09	1.49E-08	8.60E-09	1.05E-08	9.55E-09	4.36E-09	3.82E-09	1.64E-10	3.97E-09	8.76E-10	1.43E-09	2.27E-09	4.00E-10	2.01E-09	1.11E-08
3447	472363.09	3849377.25	1.53E-05	1.87E-05	1.64E-05	5.30E-09	1.60E-08	9.26E-09	1.13E-08	1.03E-08	4.69E-09	4.11E-09	1.77E-10	4.27E-09	9.43E-10	1.54E-09	2.44E-09	4.30E-10	2.16E-09	1.20E-08
3448	472863.09	3849377.25	1.64E-05	2.01E-05	1.76E-05	5.69E-09	1.72E-08	9.94E-09	1.22E-08	1.10E-08	5.04E-09	4.42E-09	1.90E-10	4.59E-09	1.01E-09	1.65E-09	2.62E-09	4.62E-10	2.32E-09	1.28E-08
3449	473363.09	3849377.25	1.75E-05	2.14E-05	1.88E-05	6.06E-09	1.83E-08	1.06E-08	1.30E-08	1.18E-08	5.37E-09	4.71E-09	2.02E-10	4.89E-09	1.08E-09	1.76E-09	2.80E-09	4.93E-10	2.47E-09	1.37E-08
3450	473863.09	3849377.25	1.85E-05	2.27E-05	1.99E-05	6.41E-09	1.94E-08	1.12E-08	1.37E-08	1.24E-08	5.68E-09	4.98E-09	2.14E-10	5.17E-09	1.14E-09	1.86E-09	2.96E-09	5.21E-10	2.61E-09	1.45E-08
3451	474363.09	3849377.25	1.93E-05	2.36E-05	2.07E-05	6.68E-09	2.02E-08	1.17E-08	1.43E-08	1.30E-08	5.92E-09	5.19E-09	2.23E-10	5.39E-09	1.19E-09	1.94E-09	3.08E-09	5.43E-10	2.72E-09	1.51E-08
3452	474863.09	3849377.25	2.00E-05	2.45E-05	2.15E-05	6.92E-09	2.09E-08	1.21E-08	1.48E-08	1.34E-08	6.13E-09	5.38E-09	2.31E-10	5.58E-09	1.23E-09	2.01E-09	3.19E-09	5.63E-10	2.82E-09	1.56E-08
3453	475363.09	3849377.25	2.02E-05	2.48E-05	2.17E-05	7.01E-09	2.12E-08	1.23E-08	1.50E-08	1.36E-08	6.21E-09	5.45E-09	2.34E-10	5.65E-09	1.25E-09	2.04E-09	3.23E-09	5.70E-10	2.86E-09	1.58E-08
3454	475863.09	3849377.25	2.07E-05	2.53E-05	2.22E-05	7.17E-09	2.16E-08	1.25E-08	1.53E-08	1.39E-08	6.35E-09	5.57E-09	2.39E-10	5.78E-09	1.28E-09	2.08E-09	3.30E-09	5.82E-10	2.92E-09	1.62E-08
3455	476363.09	3849377.25	2.08E-05	2.55E-05	2.24E-05	7.22E-09	2.18E-08	1.26E-08	1.55E-08	1.40E-08	6.39E-09	5.61E-09	2.41E-10	5.82E-09	1.28E-09	2.10E-09	3.33E-09	5.87E-10	2.94E-09	1.63E-08
3456	476863.09	3849377.25	2.00E-05	2.45E-05	2.15E-05	6.94E-09	2.10E-08	1.21E-08	1.49E-08	1.35E-08	6.15E-09	5.39E-09	2.32E-10	5.60E-09	1.24E-09	2.02E-09	3.20E-09	5.64E-10	2.83E-09	1.57E-08
3457	477363.09	3849377.25	1.88E-05	2.30E-05	2.02E-05	6.52E-09	1.97E-08	1.14E-08	1.40E-08	1.27E-08	5.77E-09	5.07E-09	2.18E-10	5.26E-09	1.16E-09	1.90E-09	3.01E-09	5.30E-10	2.66E-09	1.47E-08
3458	477863.09	3849377.25	1.94E-05	2.37E-05	2.08E-05	6.72E-09	2.03E-08	1.17E-08	1.44E-08	1.30E-08	5.95E-09	5.22E-09	2.24E-10	5.42E-09	1.20E-09	1.95E-09	3.10E-09	5.46E-10	2.74E-09	1.52E-08

3459	478363.09	3849377.25	2.37E-05	2.90E-05	2.55E-05	8.22E-09	2.48E-08	1.44E-08	1.76E-08	1.59E-08	7.28E-09	6.38E-09	2.74E-10	6.63E-09	1.46E-09	2.39E-09	3.79E-09	6.68E-10	3.35E-09	1.86E-08
3460	478863.09	3849377.25	2.75E-05	3.36E-05	2.95E-05	9.52E-09	2.87E-08	1.66E-08	2.04E-08	1.85E-08	8.43E-09	7.39E-09	3.18E-10	7.68E-09	1.69E-09	2.77E-09	4.39E-09	7.74E-10	3.88E-09	2.15E-08
3461	479363.09	3849377.25	2.74E-05	3.35E-05	2.94E-05	9.49E-09	2.87E-08	1.66E-08	2.03E-08	1.84E-08	8.40E-09	7.37E-09	3.17E-10	7.66E-09	1.69E-09	2.76E-09	4.38E-09	7.71E-10	3.87E-09	2.14E-08
3462	479863.09	3849377.25	2.13E-05	2.61E-05	2.29E-05	7.40E-09	2.23E-08	1.29E-08	1.58E-08	1.44E-08	6.55E-09	5.75E-09	2.47E-10	5.97E-09	1.32E-09	2.15E-09	3.41E-09	6.01E-10	3.02E-09	1.67E-08
3463	480363.09	3849377.25	2.11E-05	2.58E-05	2.26E-05	7.30E-09	2.20E-08	1.28E-08	1.56E-08	1.42E-08	6.46E-09	5.66E-09	2.44E-10	5.88E-09	1.30E-09	2.12E-09	3.36E-09	5.93E-10	2.97E-09	1.65E-08
3464	480863.09	3849377.25	1.84E-05	2.26E-05	1.98E-05	6.39E-09	1.93E-08	1.12E-08	1.37E-08	1.24E-08	5.66E-09	4.96E-09	2.13E-10	5.15E-09	1.14E-09	1.86E-09	2.95E-09	5.19E-10	2.60E-09	1.44E-08
3465	481363.09	3849377.25	1.52E-05	1.87E-05	1.64E-05	5.28E-09	1.59E-08	9.23E-09	1.13E-08	1.02E-08	4.68E-09	4.10E-09	1.76E-10	4.26E-09	9.40E-10	1.54E-09	2.44E-09	4.29E-10	2.15E-09	1.19E-08
3466	481863.09	3849377.25	1.02E-05	1.25E-05	1.10E-05	3.54E-09	1.07E-08	6.19E-09	7.58E-09	6.87E-09	3.13E-09	2.75E-09	1.18E-10	2.85E-09	6.30E-10	1.03E-09	1.63E-09	2.88E-10	1.44E-09	7.99E-09
3467	482363.09	3849377.25	8.78E-06	1.08E-05	9.43E-06	3.04E-09	9.18E-09	5.32E-09	6.51E-09	5.90E-09	2.69E-09	2.36E-09	1.02E-10	2.45E-09	5.41E-10	8.84E-10	1.40E-09	2.47E-10	1.24E-09	6.87E-09
3468	482863.09	3849377.25	7.12E-06	8.73E-06	7.65E-06	2.47E-09	7.45E-09	4.32E-09	5.29E-09	4.79E-09	2.19E-09	1.92E-09	8.24E-11	1.99E-09	4.39E-10	7.18E-10	1.14E-09	2.01E-10	1.01E-09	5.58E-09
3469	483363.09	3849377.25	6.46E-06	7.91E-06	6.94E-06	2.24E-09	6.76E-09	3.91E-09	4.79E-09	4.35E-09	1.98E-09	1.74E-09	7.48E-11	1.81E-09	3.99E-10	6.51E-10	1.03E-09	1.82E-10	9.13E-10	5.06E-09
3470	483863.09	3849377.25	5.54E-06	6.78E-06	5.95E-06	1.92E-09	5.80E-09	3.36E-09	4.11E-09	3.73E-09	1.70E-09	1.49E-09	6.41E-11	1.55E-09	3.42E-10	5.58E-10	8.85E-10	1.56E-10	7.83E-10	4.34E-09
3471	484363.09	3849377.25	7.99E-06	9.78E-06	8.58E-06	2.77E-09	8.36E-09	4.84E-09	5.93E-09	5.37E-09	2.45E-09	2.15E-09	9.24E-11	2.23E-09	4.93E-10	8.05E-10	1.28E-09	2.25E-10	1.13E-09	6.25E-09
3472	484863.09	3849377.25	9.81E-06	1.20E-05	1.05E-05	3.40E-09	1.03E-08	5.95E-09	7.28E-09	6.60E-09	3.01E-09	2.64E-09	1.14E-10	2.74E-09	6.05E-10	9.89E-10	1.57E-09	2.76E-10	1.39E-09	7.68E-09
3473	485363.09	3849377.25	9.32E-06	1.14E-05	1.00E-05	3.23E-09	9.75E-09	5.64E-09	6.91E-09	6.27E-09	2.86E-09	2.51E-09	1.08E-10	2.60E-09	5.75E-10	9.39E-10	1.49E-09	2.62E-10	1.32E-09	7.29E-09
3474	485863.09	3849377.25	6.98E-06	8.55E-06	7.49E-06	2.42E-09	7.30E-09	4.23E-09	5.18E-09	4.69E-09	2.14E-09	1.88E-09	8.07E-11	1.95E-09	4.30E-10	7.03E-10	1.11E-09	1.96E-10	9.85E-10	5.46E-09
3475	486363.09	3849377.25	5.73E-06	7.02E-06	6.16E-06	1.99E-09	6.00E-09	3.47E-09	4.25E-09	3.85E-09	1.76E-09	1.54E-09	6.63E-11	1.60E-09	3.54E-10	5.77E-10	9.16E-10	1.61E-10	8.09E-10	4.49E-09
3476	486863.09	3849377.25	6.70E-06	8.20E-06	7.20E-06	2.32E-09	7.01E-09	4.06E-09	4.97E-09	4.50E-09	2.05E-09	1.80E-09	7.75E-11	1.87E-09	4.13E-10	6.74E-10	1.07E-09	1.89E-10	9.46E-10	5.24E-09
3477	487363.09	3849377.25	6.89E-06	8.44E-06	7.40E-06	2.39E-09	7.21E-09	4.17E-09	5.11E-09	4.63E-09	2.11E-09	1.85E-09	7.97E-11	1.93E-09	4.25E-10	6.94E-10	1.10E-09	1.94E-10	9.73E-10	5.39E-09
3478	487863.09	3849377.25	6.65E-06	8.14E-06	7.14E-06	2.30E-09	6.96E-09	4.03E-09	4.93E-09	4.47E-09	2.04E-09	1.79E-09	7.69E-11	1.86E-09	4.10E-10	6.70E-10	1.06E-09	1.87E-10	9.39E-10	5.20E-09
3479	488363.09	3849377.25	6.69E-06	8.19E-06	7.18E-06	2.32E-09	7.00E-09	4.05E-09	4.96E-09	4.50E-09	2.05E-09	1.80E-09	7.74E-11	1.87E-09	4.13E-10	6.74E-10	1.07E-09	1.88E-10	9.45E-10	5.23E-09
3480	488863.09	3849377.25	6.96E-06	8.52E-06	7.47E-06	2.41E-09	7.28E-09	4.22E-09	5.16E-09	4.68E-09	2.14E-09	1.87E-09	8.05E-11	1.95E-09	4.29E-10	7.01E-10	1.11E-09	1.96E-10	9.83E-10	5.45E-09
3481	489363.09	3849377.25	7.21E-06	8.84E-06	7.74E-06	2.50E-09	7.55E-09	4.37E-09	5.35E-09	4.85E-09	2.21E-09	1.94E-09	8.35E-11	2.02E-09	4.45E-10	7.27E-10	1.15E-09	2.03E-10	1.02E-09	5.65E-09
3482	489863.09	3849377.25	7.28E-06	8.91E-06	7.82E-06	2.52E-09	7.62E-09	4.41E-09	5.40E-09	4.90E-09	2.23E-09	1.96E-09	8.42E-11	2.03E-09	4.49E-10	7.33E-10	1.16E-09	2.05E-10	1.03E-09	5.70E-09
3483	490363.09	3849377.25	7.05E-06	8.64E-06	7.57E-06	2.44E-09	7.38E-09	4.27E-09	5.23E-09	4.74E-09	2.16E-09	1.90E-09	8.16E-11	1.97E-09	4.35E-10	7.10E-10	1.13E-09	1.99E-10	9.96E-10	5.52E-09
3484	490863.09	3849377.25	7.04E-06	8.62E-06	7.56E-06	2.44E-09	7.37E-09	4.26E-09	5.22E-09	4.73E-09	2.16E-09	1.89E-09	8.15E-11	1.97E-09	4.34E-10	7.09E-10	1.13E-09	1.98E-10	9.94E-10	5.51E-09
3485	491363.09	3849377.25	7.10E-06	8.70E-06	7.63E-06	2.46E-09	7.43E-09	4.30E-09	5.27E-09	4.78E-09	2.18E-09	1.91E-09	8.22E-11	1.99E-09	4.38E-10	7.15E-10	1.14E-09	2.00E-10	1.00E-09	5.56E-09
3486	491863.09	3849377.25	6.94E-06	8.51E-06	7.46E-06	2.41E-09	7.27E-09	4.21E-09	5.15E-09	4.67E-09	2.13E-09	1.87E-09	8.04E-11	1.94E-09	4.28E-10	7.00E-10	1.11E-09	1.96E-10	9.81E-10	5.44E-09
3487	492363.09	3849377.25	6.86E-06	8.41E-06	7.37E-06	2.38E-09	7.18E-09	4.16E-09	5.09E-09	4.62E-09	2.11E-09	1.85E-09	7.94E-11	1.92E-09	4.23E-10	6.91E-10	1.10E-09	1.93E-10	9.69E-10	5.37E-09
3488	492863.09	3849377.25	6.46E-06	7.91E-06	6.94E-06	2.24E-09	6.76E-09	3.91E-09	4.79E-09	4.35E-09	1.98E-09	1.74E-09	7.48E-11	1.81E-09	3.99E-10	6.51E-10	1.03E-09	1.82E-10	9.12E-10	5.06E-09
3489	493363.09	3849377.25	6.59E-06	8.07E-06	7.08E-06	2.28E-09	6.90E-09	3.99E-09	4.89E-09	4.43E-09	2.02E-09	1.77E-09	7.63E-11	1.84E-09	4.07E-10	6.64E-10	1.05E-09	1.86E-10	9.30E-10	5.16E-09
3490	493863.09	3849377.25	6.87E-06	8.42E-06	7.37E-06	2.38E-09	7.19E-09	4.16E-09	5.10E-09	4.62E-09	2.11E-09	1.85E-09	7.95E-11	1.92E-09	4.24E-10	6.92E-10	1.10E-09	1.94E-10	9.70E-10	5.38E-09
3491	494363.09	3849377.25	7.46E-06	9.14E-06	8.01E-06	2.59E-09	7.81E-09	4.52E-09	5.53E-09	5.02E-09	2.29E-09	2.01E-09	8.63E-11	2.09E-09	4.60E-10	7.51E-10	1.19E-09	2.10E-10	1.05E-09	5.84E-09
3492	494863.09	3849377.25	8.84E-06	1.08E-05	9.49E-06	3.06E-09	9.25E-09	5.35E-09	6.56E-09	5.94E-09	2.71E-09	2.38E-09	1.02E-10	2.47E-09	5.45E-10	8.90E-10	1.41E-09	2.49E-10	1.25E-09	6.92E-09
3493	495363.09	3849377.25	9.62E-06	1.18E-05	1.03E-05	3.34E-09	1.01E-08	5.83E-09	7.14E-09	6.47E-09	2.95E-09	2.59E-09	1.11E-10	2.69E-09	5.94E-10	9.70E-10	1.54E-09	2.71E-10	1.36E-09	7.53E-09
3494	495863.09	3849377.25	8.20E-06	1.00E-05	8.81E-06	2.84E-09	8.58E-09	4.97E-09	6.09E-09	5.52E-09	2.52E-09	2.21E-09	9.49E-11	2.29E-09	5.06E-10	8.26E-10	1.31E-09	2.31E-10	1.16E-09	6.42E-09
3495	496363.09	3849377.25	8.34E-06	1.02E-05	8.96E-06	2.89E-09	8.73E-09	5.05E-09	6.19E-09	5.61E-09	2.56E-09	2.24E-09	9.65E-11	2.33E-09	5.15E-10	8.40E-10	1.33E-09	2.35E-10	1.18E-09	6.53E-09
3496	496863.09	3849377.25	1.12E-05	1.38E-05	1.21E-05	3.89E-09	1.18E-08	6.81E-09	8.34E-09	7.56E-09	3.45E-09	3.02E-09	1.30E-10	3.14E-09	6.93E-10	1.13E-09	1.80E-09	3.17E-10	1.59E-09	8.80E-09
3497	497363.09	3849377.25	1.26E-05	1.54E-05	1.35E-05	4.36E-09	1.32E-08	7.63E-09	9.34E-09	8.47E-09	3.86E-09	3.39E-09	1.46E-10	3.52E-09	7.77E-10	1.27E-09	2.01E-09	3.55E-10	1.78E-09	9.85E-09
3498	497863.09	3849377.25	1.67E-05	2.04E-05	1.79E-05	5.78E-09	1.74E-08	1.01E-08	1.24E-08	1.12E-08	5.12E-09	4.48E-09	1.93E-10	4.66E-09	1.03E-09	1.68E-09	2.66E-09	4.69E-10	2.35E-09	1.30E-08
3499	498363.09	3849377.25	1.65E-05	2.02E-05	1.77E-05	5.72E-09	1.73E-08	1.00E-08	1.23E-08	1.11E-08	5.07E-09	4.44E-09	1.91E-10	4.62E-09	1.02E-09	1.66E-09	2.64E-09	4.65E-10	2.33E-09	1.29E-08
3500	471363.09	3849877.25	1.20E-05	1.47E-05	1.29E-05	4.15E-09	1.25E-08	7.25E-09	8.88E-09	8.05E-09	3.67E-09	3.22E-09	1.39E-10	3.35E-09	7.38E-10	1.21E-09	1.91E-09	3.37E-10	1.69E-09	9.37E-09
3501	471863.09	3849877.25	1.35E-05	1.65E-05	1.45E-05	4.68E-09	1.41E-08	8.18E-09	1.00E-08	9.08E-09	4.14E-09	3.63E-09	1.56E-10	3.77E-09	8.33E-10	1.36E-09	2.16E-09	3.80E-10	1.91E-09	1.06E-08
3502	472363.09	3849877.25	1.50E-05	1.84E-05	1.61E-05	5.19E-09	1.57E-08	9.08E-09	1.11E-08	1.01E-08	4.60E-09	4.03E-09	1.73E-10	4.19E-09	9.24E-10	1.51E-09	2.40E-09	4.22E-10	2.12E-09	1.17E-08
3503	472863.09	3849877.25	1.63E-05	2.00E-05	1.75E-05	5.66E-09	1.71E-08	9.89E-09	1.21E-08	1.10E-08	5.01E-09	4.39E-09	1.89E-10	4.56E-09	1.01E-09	1.64E-09	2.61E-09	4.60E-10	2.31E-09	1.28E-08
3504	473363.09	3849877.25	1.74E-05	2.14E-05	1.87E-05	6.04E-09	1.82E-08	1.06E-08	1.29E-08	1.17E-08	5.35E-09	4.69E-09	2.02E-10	4.87E-09	1.08E-09	1.76E-09	2.79E-09	4.91E-10	2.46E-09	1.36E-08
3505	473863.09	3849877.25	1.88E-05	2.30E-05	2.02E-05	6.51E-09	1.97E-08	1.14E-08	1.39E-08	1.26E-08	5.77E-09	5.06E-09	2.17E-10	5.25E-09	1.16E-09	1.89E-09	3.00E-09	5.29E-10	2.65E-09	1.47E-08
3506	474363.09	3849877.25	2.01E-05	2.47E-05	2.16E-05	6.98E-09	2.11E-08	1.22E-08	1.49E-08	1.35E-08	6.18E-09	5.42E-09	2.33E-10	5.63E-09	1.24E-09	2.03E-09	3.22E-09	5.67E-10	2.85E-09	1.58E-08
3507	474863.09	3849877.25	2.13E-05	2.61E-05	2.29E-05	7.39E-09	2.23E-08	1.29E-08	1.58E-08	1.43E-08	6.54E-09	5.74E-09	2.47E-10	5.96E-09	1.32E-09	2.15E-09	3.41E-09	6.01E-10	3.01E-09	1.67E-08
3508	475363.09	3849877.25	2.22E-05	2.72E-05	2.38E-05	7.68E-09	2.32E-08	1.34E-08	1.64E-08	1.49E-08	6.80E-09	5.97E-09	2.57E-10	6.20E-09	1.37E-09	2.23E-09	3.54E-09	6.24E-10	3.13E-09	1.74E-08
3509	475863.09	3849877.25	2.29E-05	2.81E-05	2.46E-05	7.95E-09	2.40E-08	1.39E-08	1.70E-08	1.54E-08	7.04E-09	6.17E-09	2.65E-10	6.41E-09	1.41E-09	2.31E-09	3.67E-09	6.46E-10	3.24E-09	1.80E-08
3510	476363.09	3849877.25	2.35E-05	2.88E-05	2.53E-05	8.15E-09	2.46E-08	1.42E-08	1.74E-08	1.58E-08	7.22E-09	6.33E-09	2.72E-10	6.57E-09	1.45E-09	2.37E-09	3.76E-09	6.62E-10	3.32E-09	1.84E-08
3511	476863.09	3849877.25	2.41E-05	2.96E-05	2.59E-05	8.36E-09	2.53E-08	1.46E-08	1.79E-08	1.62E-08	7.41E-09	6.50E-09	2.79E-10	6.75E-09	1.49E-09	2.43E-09	3.86E-09	6.80E-10	3.41E-09	1.89E-08
3512	477363.09	3849877.25	2.43E-05	2.98E-05	2.61E-05	8.43E-09	2.55E-08	1.47E-08	1.81E-08	1.64E-08	7.47E-09	6.55E-09	2.82E-10	6.80E-09	1.50E-09	2.45E-09	3.89E-09	6.85E-10	3.44E-09	1.90E-08
3513	477863.09	3849877.25	2.32E-05	2.85E-05	2.50E-05	8.05E-09	2.43E-08	1.41E-08	1.72E-08	1.56E-08	7.13E-09	6.26E-09	2.69E-10	6.49E-09	1.43E-09	2.34E-09	3.71E-09	6.54E-10	3.28E-09	1.82E-08

3514	478363.09	3849877.25	2.32E-05	2.84E-05	2.49E-05	8.03E-09	2.42E-08	1.40E-08	1.72E-08	1.56E-08	7.11E-09	6.24E-09	2.68E-10	6.47E-09	1.43E-09	2.33E-09	3.70E-09	6.52E-10	3.27E-09	1.81E-08
3515	478863.09	3849877.25	2.80E-05	3.43E-05	3.01E-05	9.72E-09	2.93E-08	1.70E-08	2.08E-08	1.89E-08	8.61E-09	7.55E-09	3.24E-10	7.84E-09	1.73E-09	2.82E-09	4.48E-09	7.90E-10	3.96E-09	2.19E-08
3516	479363.09	3849877.25	3.24E-05	3.96E-05	3.48E-05	1.12E-08	3.39E-08	1.96E-08	2.40E-08	2.18E-08	9.93E-09	8.71E-09	3.75E-10	9.05E-09	2.00E-09	3.26E-09	5.17E-09	9.12E-10	4.57E-09	2.53E-08
3517	479863.09	3849877.25	3.36E-05	4.12E-05	3.61E-05	1.16E-08	3.52E-08	2.04E-08	2.49E-08	2.26E-08	1.03E-08	9.05E-09	3.89E-10	9.40E-09	2.07E-09	3.39E-09	5.37E-09	9.47E-10	4.75E-09	2.63E-08
3518	480363.09	3849877.25	2.76E-05	3.39E-05	2.97E-05	9.58E-09	2.89E-08	1.67E-08	2.05E-08	1.86E-08	8.49E-09	7.44E-09	3.20E-10	7.73E-09	1.71E-09	2.79E-09	4.42E-09	7.79E-10	3.91E-09	2.16E-08
3519	480863.09	3849877.25	2.18E-05	2.67E-05	2.34E-05	7.56E-09	2.28E-08	1.32E-08	1.62E-08	1.47E-08	6.70E-09	5.87E-09	2.53E-10	6.10E-09	1.35E-09	2.20E-09	3.49E-09	6.15E-10	3.08E-09	1.71E-08
3520	481363.09	3849877.25	1.85E-05	2.27E-05	1.99E-05	6.41E-09	1.94E-08	1.12E-08	1.37E-08	1.25E-08	5.68E-09	4.98E-09	2.14E-10	5.17E-09	1.14E-09	1.86E-09	2.96E-09	5.21E-10	2.62E-09	1.45E-08
3521	481863.09	3849877.25	1.15E-05	1.41E-05	1.24E-05	3.99E-09	1.21E-08	6.98E-09	8.55E-09	7.75E-09	3.54E-09	3.10E-09	1.33E-10	3.22E-09	7.11E-10	1.16E-09	1.84E-09	3.25E-10	1.63E-09	9.02E-09
3522	482363.09	3849877.25	8.94E-06	1.10E-05	9.61E-06	3.10E-09	9.36E-09	5.42E-09	6.64E-09	6.01E-09	2.74E-09	2.41E-09	1.03E-10	2.50E-09	5.52E-10	9.01E-10	1.43E-09	2.52E-10	1.26E-09	7.00E-09
3523	482863.09	3849877.25	7.67E-06	9.40E-06	8.24E-06	2.66E-09	8.03E-09	4.65E-09	5.69E-09	5.16E-09	2.36E-09	2.07E-09	8.88E-11	2.15E-09	4.73E-10	7.73E-10	1.23E-09	2.16E-10	1.08E-09	6.01E-09
3524	483363.09	3849877.25	6.70E-06	8.20E-06	7.19E-06	2.32E-09	7.01E-09	4.06E-09	4.97E-09	4.50E-09	2.06E-09	1.80E-09	7.75E-11	1.87E-09	4.13E-10	6.75E-10	1.07E-09	1.89E-10	9.46E-10	5.24E-09
3525	483863.09	3849877.25	6.60E-06	8.08E-06	7.09E-06	2.29E-09	6.91E-09	4.00E-09	4.90E-09	4.44E-09	2.03E-09	1.78E-09	7.64E-11	1.85E-09	4.07E-10	6.65E-10	1.05E-09	1.86E-10	9.32E-10	5.17E-09
3526	484363.09	3849877.25	9.00E-06	1.10E-05	9.67E-06	3.12E-09	9.42E-09	5.45E-09	6.68E-09	6.06E-09	2.76E-09	2.42E-09	1.04E-10	2.52E-09	5.55E-10	9.07E-10	1.44E-09	2.54E-10	1.27E-09	7.05E-09
3527	484863.09	3849877.25	1.23E-05	1.51E-05	1.32E-05	4.26E-09	1.29E-08	7.45E-09	9.12E-09	8.27E-09	3.77E-09	3.31E-09	1.42E-10	3.44E-09	7.58E-10	1.24E-09	1.97E-09	3.46E-10	1.74E-09	9.63E-09
3528	485363.09	3849877.25	1.09E-05	1.33E-05	1.17E-05	3.76E-09	1.14E-08	6.57E-09	8.05E-09	7.30E-09	3.33E-09	2.92E-09	1.26E-10	3.03E-09	6.69E-10	1.09E-09	1.73E-09	3.06E-10	1.53E-09	8.50E-09
3529	485863.09	3849877.25	8.94E-06	1.10E-05	9.60E-06	3.10E-09	9.36E-09	5.42E-09	6.64E-09	6.01E-09	2.74E-09	2.41E-09	1.03E-10	2.50E-09	5.52E-10	9.01E-10	1.43E-09	2.52E-10	1.26E-09	7.00E-09
3530	486363.09	3849877.25	8.02E-06	9.82E-06	8.62E-06	2.78E-09	8.39E-09	4.86E-09	5.95E-09	5.39E-09	2.46E-09	2.16E-09	9.28E-11	2.24E-09	4.95E-10	8.08E-10	1.28E-09	2.26E-10	1.13E-09	6.28E-09
3531	486863.09	3849877.25	8.74E-06	1.07E-05	9.39E-06	3.03E-09	9.14E-09	5.29E-09	6.48E-09	5.88E-09	2.68E-09	2.35E-09	1.01E-10	2.44E-09	5.39E-10	8.80E-10	1.40E-09	2.46E-10	1.23E-09	6.84E-09
3532	487363.09	3849877.25	8.59E-06	1.05E-05	9.22E-06	2.98E-09	8.98E-09	5.20E-09	6.37E-09	5.78E-09	2.64E-09	2.31E-09	9.94E-11	2.40E-09	5.30E-10	8.65E-10	1.37E-09	2.42E-10	1.21E-09	6.72E-09
3533	487863.09	3849877.25	8.37E-06	1.03E-05	8.99E-06	2.90E-09	8.76E-09	5.07E-09	6.21E-09	5.63E-09	2.57E-09	2.25E-09	9.69E-11	2.34E-09	5.16E-10	8.43E-10	1.34E-09	2.36E-10	1.18E-09	6.55E-09
3534	488363.09	3849877.25	8.59E-06	1.05E-05	9.22E-06	2.98E-09	8.98E-09	5.20E-09	6.37E-09	5.78E-09	2.64E-09	2.31E-09	9.94E-11	2.40E-09	5.30E-10	8.65E-10	1.37E-09	2.42E-10	1.21E-09	6.72E-09
3535	488863.09	3849877.25	8.93E-06	1.09E-05	9.59E-06	3.09E-09	9.34E-09	5.41E-09	6.63E-09	6.01E-09	2.74E-09	2.40E-09	1.03E-10	2.50E-09	5.51E-10	9.00E-10	1.43E-09	2.51E-10	1.26E-09	6.99E-09
3536	489363.09	3849877.25	9.05E-06	1.11E-05	9.72E-06	3.14E-09	9.47E-09	5.48E-09	6.72E-09	6.09E-09	2.78E-09	2.44E-09	1.05E-10	2.53E-09	5.58E-10	9.12E-10	1.45E-09	2.55E-10	1.28E-09	7.08E-09
3537	489863.09	3849877.25	8.98E-06	1.10E-05	9.65E-06	3.11E-09	9.40E-09	5.44E-09	6.67E-09	6.04E-09	2.76E-09	2.42E-09	1.04E-10	2.51E-09	5.54E-10	9.05E-10	1.44E-09	2.53E-10	1.27E-09	7.03E-09
3538	490363.09	3849877.25	8.76E-06	1.07E-05	9.42E-06	3.04E-09	9.17E-09	5.31E-09	6.50E-09	5.90E-09	2.69E-09	2.36E-09	1.01E-10	2.45E-09	5.41E-10	8.83E-10	1.40E-09	2.47E-10	1.24E-09	6.86E-09
3539	490863.09	3849877.25	8.90E-06	1.09E-05	9.56E-06	3.09E-09	9.32E-09	5.39E-09	6.61E-09	5.99E-09	2.73E-09	2.40E-09	1.03E-10	2.49E-09	5.49E-10	8.97E-10	1.42E-09	2.51E-10	1.26E-09	6.97E-09
3540	491363.09	3849877.25	9.11E-06	1.12E-05	9.79E-06	3.16E-09	9.53E-09	5.52E-09	6.76E-09	6.13E-09	2.80E-09	2.45E-09	1.05E-10	2.55E-09	5.62E-10	9.18E-10	1.46E-09	2.57E-10	1.29E-09	7.13E-09
3541	491863.09	3849877.25	8.97E-06	1.10E-05	9.63E-06	3.11E-09	9.38E-09	5.43E-09	6.65E-09	6.03E-09	2.75E-09	2.41E-09	1.04E-10	2.51E-09	5.53E-10	9.04E-10	1.43E-09	2.53E-10	1.27E-09	7.02E-09
3542	492363.09	3849877.25	8.98E-06	1.10E-05	9.65E-06	3.11E-09	9.40E-09	5.44E-09	6.67E-09	6.04E-09	2.76E-09	2.42E-09	1.04E-10	2.51E-09	5.54E-10	9.05E-10	1.44E-09	2.53E-10	1.27E-09	7.03E-09
3543	492863.09	3849877.25	8.69E-06	1.06E-05	9.32E-06	3.01E-09	9.09E-09	5.26E-09	6.44E-09	5.84E-09	2.67E-09	2.34E-09	1.01E-10	2.43E-09	5.36E-10	8.75E-10	1.39E-09	2.45E-10	1.23E-09	6.80E-09
3544	493363.09	3849877.25	8.44E-06	1.03E-05	9.06E-06	2.92E-09	8.83E-09	5.11E-09	6.26E-09	5.68E-09	2.59E-09	2.27E-09	9.76E-11	2.36E-09	5.20E-10	8.50E-10	1.35E-09	2.38E-10	1.19E-09	6.60E-09
3545	493863.09	3849877.25	8.49E-06	1.04E-05	9.11E-06	2.94E-09	8.88E-09	5.14E-09	6.30E-09	5.71E-09	2.61E-09	2.28E-09	9.82E-11	2.37E-09	5.24E-10	8.55E-10	1.36E-09	2.39E-10	1.20E-09	6.64E-09
3546	494363.09	3849877.25	1.05E-05	1.29E-05	1.13E-05	3.64E-09	1.10E-08	6.37E-09	7.80E-09	7.07E-09	3.23E-09	2.83E-09	1.22E-10	2.94E-09	6.49E-10	1.06E-09	1.68E-09	2.96E-10	1.48E-09	8.23E-09
3547	494863.09	3849877.25	1.23E-05	1.50E-05	1.32E-05	4.25E-09	1.28E-08	7.43E-09	9.11E-09	8.25E-09	3.77E-09	3.30E-09	1.42E-10	3.43E-09	7.57E-10	1.24E-09	1.96E-09	3.46E-10	1.73E-09	9.61E-09
3548	495363.09	3849877.25	1.13E-05	1.38E-05	1.21E-05	3.92E-09	1.18E-08	6.85E-09	8.39E-09	7.60E-09	3.47E-09	3.04E-09	1.31E-10	3.16E-09	6.97E-10	1.14E-09	1.81E-09	3.18E-10	1.60E-09	8.85E-09
3549	495863.09	3849877.25	1.33E-05	1.63E-05	1.43E-05	4.62E-09	1.40E-08	8.08E-09	9.89E-09	8.97E-09	4.09E-09	3.59E-09	1.54E-10	3.73E-09	8.22E-10	1.34E-09	2.13E-09	3.76E-10	1.88E-09	1.04E-08
3550	496363.09	3849877.25	1.44E-05	1.76E-05	1.55E-05	4.99E-09	1.51E-08	8.73E-09	1.07E-08	9.69E-09	4.42E-09	3.88E-09	1.67E-10	4.03E-09	8.89E-10	1.45E-09	2.30E-09	4.06E-10	2.03E-09	1.13E-08
3551	496863.09	3849877.25	1.53E-05	1.88E-05	1.64E-05	5.31E-09	1.60E-08	9.27E-09	1.14E-08	1.03E-08	4.70E-09	4.12E-09	1.77E-10	4.28E-09	9.44E-10	1.54E-09	2.45E-09	4.31E-10	2.16E-09	1.20E-08
3552	497363.09	3849877.25	1.86E-05	2.28E-05	2.00E-05	6.46E-09	1.95E-08	1.13E-08	1.38E-08	1.25E-08	5.72E-09	5.01E-09	2.16E-10	5.21E-09	1.15E-09	1.88E-09	2.98E-09	5.25E-10	2.63E-09	1.46E-08
3553	497863.09	3849877.25	2.02E-05	2.48E-05	2.17E-05	7.00E-09	2.11E-08	1.22E-08	1.50E-08	1.36E-08	6.20E-09	5.44E-09	2.34E-10	5.65E-09	1.25E-09	2.04E-09	3.23E-09	5.69E-10	2.85E-09	1.58E-08
3554	498363.09	3849877.25	1.98E-05	2.43E-05	2.13E-05	6.87E-09	2.08E-08	1.20E-08	1.47E-08	1.33E-08	6.09E-09	5.34E-09	2.30E-10	5.54E-09	1.22E-09	2.00E-09	3.17E-09	5.59E-10	2.80E-09	1.55E-08
3555	471363.09	3850377.25	1.06E-05	1.29E-05	1.13E-05	3.66E-09	1.10E-08	6.40E-09	7.83E-09	7.10E-09	3.24E-09	2.84E-09	1.22E-10	2.95E-09	6.51E-10	1.06E-09	1.69E-09	2.97E-10	1.49E-09	8.26E-09
3556	471863.09	3850377.25	1.31E-05	1.61E-05	1.41E-05	4.55E-09	1.37E-08	7.96E-09	9.75E-09	8.84E-09	4.03E-09	3.53E-09	1.52E-10	3.67E-09	8.10E-10	1.32E-09	2.10E-09	3.70E-10	1.86E-09	1.03E-08
3557	472363.09	3850377.25	1.42E-05	1.74E-05	1.53E-05	4.92E-09	1.49E-08	8.60E-09	1.05E-08	9.55E-09	4.36E-09	3.82E-09	1.64E-10	3.97E-09	8.76E-10	1.43E-09	2.27E-09	4.00E-10	2.01E-09	1.11E-08
3558	472863.09	3850377.25	1.61E-05	1.97E-05	1.72E-05	5.56E-09	1.68E-08	9.72E-09	1.19E-08	1.08E-08	4.93E-09	4.32E-09	1.86E-10	4.49E-09	9.90E-10	1.62E-09	2.57E-09	4.52E-10	2.27E-09	1.26E-08
3559	473363.09	3850377.25	1.70E-05	2.09E-05	1.83E-05	5.91E-09	1.78E-08	1.03E-08	1.27E-08	1.15E-08	5.23E-09	4.59E-09	1.97E-10	4.77E-09	1.05E-09	1.72E-09	2.72E-09	4.80E-10	2.41E-09	1.33E-08
3560	473863.09	3850377.25	1.86E-05	2.27E-05	1.99E-05	6.44E-09	1.94E-08	1.12E-08	1.38E-08	1.25E-08	5.70E-09	5.00E-09	2.15E-10	5.19E-09	1.15E-09	1.87E-09	2.97E-09	5.23E-10	2.62E-09	1.45E-08
3561	474363.09	3850377.25	2.02E-05	2.47E-05	2.17E-05	7.00E-09	2.11E-08	1.22E-08	1.50E-08	1.36E-08	6.20E-09	5.44E-09	2.34E-10	5.65E-09	1.25E-09	2.03E-09	3.23E-09	5.69E-10	2.85E-09	1.58E-08
3562	474863.09	3850377.25	2.18E-05	2.67E-05	2.34E-05	7.56E-09	2.28E-08	1.32E-08	1.62E-08	1.47E-08	6.70E-09	5.87E-09	2.53E-10	6.10E-09	1.35E-09	2.20E-09	3.49E-09	6.15E-10	3.08E-09	1.71E-08
3563	475363.09	3850377.25	2.35E-05	2.87E-05	2.52E-05	8.13E-09	2.46E-08	1.42E-08	1.74E-08	1.58E-08	7.20E-09	6.32E-09	2.72E-10	6.56E-09	1.45E-09	2.36E-09	3.75E-09	6.61E-10	3.32E-09	1.84E-08
3564	475863.09	3850377.25	2.49E-05	3.05E-05	2.67E-05	8.62E-09	2.60E-08	1.51E-08	1.85E-08	1.67E-08	7.63E-09	6.69E-09	2.88E-10	6.95E-09	1.53E-09	2.51E-09	3.97E-09	7.00E-10	3.51E-09	1.95E-08
3565	476363.09	3850377.25	2.60E-05	3.18E-05	2.79E-05	9.00E-09	2.72E-08	1.57E-08	1.93E-08	1.75E-08	7.97E-09	6.99E-09	3.00E-10	7.26E-09	1.60E-09	2.62E-09	4.15E-09	7.31E-10	3.67E-09	2.03E-08
3566	476863.09	3850377.25	2.69E-05	3.30E-05	2.89E-05	9.33E-09	2.82E-08	1.63E-08	2.00E-08	1.81E-08	8.26E-09	7.24E-09	3.11E-10	7.52E-09	1.66E-09	2.71E-09	4.30E-09	7.58E-10	3.80E-09	2.11E-08
3567	477363.09	3850377.25	2.77E-05	3.40E-05	2.98E-05	9.62E-09	2.90E-08	1.68E-08	2.06E-08	1.87E-08	8.52E-09	7.47E-09	3.21E-10	7.76E-09	1.71E-09	2.80E-09	4.43E-09	7.81E-10	3.92E-09	2.17E-08
3568	477863.09	3850377.25	2.81E-05	3.44E-05	3.02E-05	9.73E-09	2.94E-08	1.70E-08	2.08E-08	1.89E-08	8.62E-09	7.56E-09	3.25E-10	7.85E-09	1.73E-09	2.83E-09	4.49E-09	7.91E-10	3.97E-09	2.20E-08

3569	478363.09	3850377.25	2.72E-05	3.33E-05	2.92E-05	9.41E-09	2.84E-08	1.65E-08	2.02E-08	1.83E-08	8.34E-09	7.31E-09	3.14E-10	7.59E-09	1.68E-09	2.74E-09	4.34E-09	7.65E-10	3.84E-09	2.13E-08
3570	478863.09	3850377.25	2.86E-05	3.51E-05	3.08E-05	9.92E-09	2.99E-08	1.73E-08	2.12E-08	1.93E-08	8.78E-09	7.71E-09	3.31E-10	8.00E-09	1.77E-09	2.88E-09	4.57E-09	8.06E-10	4.05E-09	2.24E-08
3571	479363.09	3850377.25	3.35E-05	4.11E-05	3.60E-05	1.16E-08	3.51E-08	2.03E-08	2.49E-08	2.26E-08	1.03E-08	9.03E-09	3.88E-10	9.38E-09	2.07E-09	3.38E-09	5.36E-09	9.45E-10	4.74E-09	2.63E-08
3572	479863.09	3850377.25	3.83E-05	4.69E-05	4.11E-05	1.33E-08	4.01E-08	2.32E-08	2.84E-08	2.58E-08	1.18E-08	1.03E-08	4.43E-10	1.07E-08	2.36E-09	3.86E-09	6.12E-09	1.08E-09	5.41E-09	3.00E-08
3573	480363.09	3850377.25	3.88E-05	4.75E-05	4.16E-05	1.34E-08	4.06E-08	2.35E-08	2.88E-08	2.61E-08	1.19E-08	1.04E-08	4.49E-10	1.08E-08	2.39E-09	3.90E-09	6.19E-09	1.09E-09	5.48E-09	3.03E-08
3574	480863.09	3850377.25	3.54E-05	4.33E-05	3.80E-05	1.23E-08	3.70E-08	2.14E-08	2.62E-08	2.38E-08	1.08E-08	9.52E-09	4.09E-10	9.88E-09	2.18E-09	3.56E-09	5.65E-09	9.96E-10	4.99E-09	2.77E-08
3575	481363.09	3850377.25	2.34E-05	2.87E-05	2.52E-05	8.13E-09	2.45E-08	1.42E-08	1.74E-08	1.58E-08	7.20E-09	6.31E-09	2.71E-10	6.55E-09	1.45E-09	2.36E-09	3.75E-09	6.60E-10	3.31E-09	1.84E-08
3576	481863.09	3850377.25	2.14E-05	2.63E-05	2.30E-05	7.43E-09	2.24E-08	1.30E-08	1.59E-08	1.44E-08	6.58E-09	5.77E-09	2.48E-10	5.99E-09	1.32E-09	2.16E-09	3.43E-09	6.04E-10	3.03E-09	1.68E-08
3577	482363.09	3850377.25	1.86E-05	2.28E-05	2.00E-05	6.45E-09	1.95E-08	1.13E-08	1.38E-08	1.25E-08	5.71E-09	5.01E-09	2.15E-10	5.20E-09	1.15E-09	1.87E-09	2.97E-09	5.24E-10	2.63E-09	1.46E-08
3578	482863.09	3850377.25	1.20E-05	1.47E-05	1.29E-05	4.16E-09	1.26E-08	7.27E-09	8.91E-09	8.08E-09	3.69E-09	3.23E-09	1.39E-10	3.36E-09	7.41E-10	1.21E-09	1.92E-09	3.38E-10	1.70E-09	9.40E-09
3579	483363.09	3850377.25	9.40E-06	1.15E-05	1.01E-05	3.26E-09	9.84E-09	5.70E-09	6.98E-09	6.33E-09	2.89E-09	2.53E-09	1.09E-10	2.63E-09	5.80E-10	9.47E-10	1.50E-09	2.65E-10	1.33E-09	7.36E-09
3580	483863.09	3850377.25	1.02E-05	1.25E-05	1.10E-05	3.54E-09	1.07E-08	6.19E-09	7.59E-09	6.88E-09	3.14E-09	2.75E-09	1.18E-10	2.86E-09	6.31E-10	1.03E-09	1.63E-09	2.88E-10	1.44E-09	8.01E-09
3581	484363.09	3850377.25	1.24E-05	1.52E-05	1.33E-05	4.30E-09	1.30E-08	7.51E-09	9.20E-09	8.34E-09	3.81E-09	3.34E-09	1.44E-10	3.47E-09	7.65E-10	1.25E-09	1.98E-09	3.49E-10	1.75E-09	9.71E-09
3582	484863.09	3850377.25	1.49E-05	1.83E-05	1.61E-05	5.18E-09	1.56E-08	9.05E-09	1.11E-08	1.00E-08	4.58E-09	4.02E-09	1.73E-10	4.17E-09	9.21E-10	1.50E-09	2.39E-09	4.21E-10	2.11E-09	1.17E-08
3583	485363.09	3850377.25	1.43E-05	1.76E-05	1.54E-05	4.97E-09	1.50E-08	8.69E-09	1.06E-08	9.65E-09	4.40E-09	3.86E-09	1.66E-10	4.01E-09	8.85E-10	1.45E-09	2.29E-09	4.04E-10	2.03E-09	1.12E-08
3584	485863.09	3850377.25	1.26E-05	1.54E-05	1.35E-05	4.35E-09	1.31E-08	7.61E-09	9.32E-09	8.45E-09	3.85E-09	3.38E-09	1.45E-10	3.51E-09	7.75E-10	1.27E-09	2.01E-09	3.54E-10	1.77E-09	9.83E-09
3585	486363.09	3850377.25	1.20E-05	1.47E-05	1.29E-05	4.15E-09	1.25E-08	7.25E-09	8.89E-09	8.06E-09	3.68E-09	3.22E-09	1.39E-10	3.35E-09	7.39E-10	1.21E-09	1.91E-09	3.37E-10	1.69E-09	9.38E-09
3586	486863.09	3850377.25	1.16E-05	1.42E-05	1.25E-05	4.02E-09	1.21E-08	7.03E-09	8.61E-09	7.80E-09	3.56E-09	3.12E-09	1.34E-10	3.24E-09	7.16E-10	1.17E-09	1.85E-09	3.27E-10	1.64E-09	9.08E-09
3587	487363.09	3850377.25	1.08E-05	1.33E-05	1.17E-05	3.76E-09	1.14E-08	6.57E-09	8.05E-09	7.30E-09	3.33E-09	2.92E-09	1.26E-10	3.03E-09	6.69E-10	1.09E-09	1.73E-09	3.06E-10	1.53E-09	8.49E-09
3588	487863.09	3850377.25	1.11E-05	1.36E-05	1.19E-05	3.84E-09	1.16E-08	6.72E-09	8.23E-09	7.46E-09	3.40E-09	2.98E-09	1.28E-10	3.10E-09	6.84E-10	1.12E-09	1.77E-09	3.12E-10	1.57E-09	8.68E-09
3589	488363.09	3850377.25	1.13E-05	1.38E-05	1.21E-05	3.91E-09	1.18E-08	6.83E-09	8.37E-09	7.59E-09	3.46E-09	3.04E-09	1.31E-10	3.15E-09	6.96E-10	1.14E-09	1.80E-09	3.18E-10	1.59E-09	8.83E-09
3590	488863.09	3850377.25	1.15E-05	1.41E-05	1.24E-05	3.99E-09	1.20E-08	6.97E-09	8.54E-09	7.74E-09	3.53E-09	3.10E-09	1.33E-10	3.22E-09	7.10E-10	1.16E-09	1.84E-09	3.24E-10	1.63E-09	9.01E-09
3591	489363.09	3850377.25	1.16E-05	1.43E-05	1.25E-05	4.03E-09	1.22E-08	7.05E-09	8.64E-09	7.83E-09	3.57E-09	3.13E-09	1.35E-10	3.25E-09	7.18E-10	1.17E-09	1.86E-09	3.28E-10	1.64E-09	9.11E-09
3592	489863.09	3850377.25	1.14E-05	1.40E-05	1.23E-05	3.96E-09	1.20E-08	6.93E-09	8.49E-09	7.69E-09	3.51E-09	3.08E-09	1.32E-10	3.20E-09	7.06E-10	1.15E-09	1.83E-09	3.22E-10	1.62E-09	8.95E-09
3593	490363.09	3850377.25	1.15E-05	1.41E-05	1.23E-05	3.98E-09	1.20E-08	6.96E-09	8.52E-09	7.72E-09	3.52E-09	3.09E-09	1.33E-10	3.21E-09	7.08E-10	1.16E-09	1.84E-09	3.23E-10	1.62E-09	8.99E-09
3594	490863.09	3850377.25	1.19E-05	1.45E-05	1.27E-05	4.11E-09	1.24E-08	7.18E-09	8.80E-09	7.97E-09	3.64E-09	3.19E-09	1.37E-10	3.31E-09	7.31E-10	1.19E-09	1.89E-09	3.34E-10	1.67E-09	9.28E-09
3595	491363.09	3850377.25	1.22E-05	1.49E-05	1.31E-05	4.22E-09	1.27E-08	7.37E-09	9.03E-09	8.18E-09	3.73E-09	3.27E-09	1.41E-10	3.40E-09	7.50E-10	1.23E-09	1.94E-09	3.43E-10	1.72E-09	9.52E-09
3596	491863.09	3850377.25	1.20E-05	1.46E-05	1.28E-05	4.14E-09	1.25E-08	7.24E-09	8.87E-09	8.04E-09	3.67E-09	3.21E-09	1.38E-10	3.34E-09	7.37E-10	1.20E-09	1.91E-09	3.37E-10	1.69E-09	9.35E-09
3597	492363.09	3850377.25	1.16E-05	1.42E-05	1.24E-05	4.01E-09	1.21E-08	7.01E-09	8.59E-09	7.78E-09	3.55E-09	3.11E-09	1.34E-10	3.23E-09	7.14E-10	1.17E-09	1.85E-09	3.26E-10	1.63E-09	9.06E-09
3598	492863.09	3850377.25	1.16E-05	1.42E-05	1.24E-05	4.01E-09	1.21E-08	7.01E-09	8.58E-09	7.78E-09	3.55E-09	3.11E-09	1.34E-10	3.23E-09	7.13E-10	1.17E-09	1.85E-09	3.26E-10	1.63E-09	9.05E-09
3599	493363.09	3850377.25	1.13E-05	1.38E-05	1.21E-05	3.91E-09	1.18E-08	6.83E-09	8.37E-09	7.59E-09	3.46E-09	3.03E-09	1.31E-10	3.15E-09	6.96E-10	1.14E-09	1.80E-09	3.18E-10	1.59E-09	8.83E-09
3600	493863.09	3850377.25	1.27E-05	1.55E-05	1.36E-05	4.39E-09	1.33E-08	7.68E-09	9.41E-09	8.53E-09	3.89E-09	3.41E-09	1.47E-10	3.54E-09	7.82E-10	1.28E-09	2.03E-09	3.57E-10	1.79E-09	9.92E-09
3601	494363.09	3850377.25	1.39E-05	1.71E-05	1.50E-05	4.83E-09	1.46E-08	8.44E-09	1.03E-08	9.38E-09	4.28E-09	3.75E-09	1.61E-10	3.90E-09	8.60E-10	1.40E-09	2.23E-09	3.93E-10	1.97E-09	1.09E-08
3602	494863.09	3850377.25	1.60E-05	1.96E-05	1.71E-05	5.53E-09	1.67E-08	9.67E-09	1.18E-08	1.07E-08	4.90E-09	4.30E-09	1.85E-10	4.46E-09	9.85E-10	1.61E-09	2.55E-09	4.50E-10	2.25E-09	1.25E-08
3603	495363.09	3850377.25	1.85E-05	2.26E-05	1.98E-05	6.41E-09	1.93E-08	1.12E-08	1.37E-08	1.24E-08	5.67E-09	4.97E-09	2.14E-10	5.17E-09	1.14E-09	1.86E-09	2.95E-09	5.21E-10	2.61E-09	1.45E-08
3604	495863.09	3850377.25	1.80E-05	2.21E-05	1.93E-05	6.24E-09	1.89E-08	1.09E-08	1.34E-08	1.21E-08	5.53E-09	4.85E-09	2.08E-10	5.04E-09	1.11E-09	1.81E-09	2.88E-09	5.07E-10	2.54E-09	1.41E-08
3605	496363.09	3850377.25	2.05E-05	2.52E-05	2.21E-05	7.12E-09	2.15E-08	1.24E-08	1.52E-08	1.38E-08	6.31E-09	5.53E-09	2.38E-10	5.74E-09	1.27E-09	2.07E-09	3.28E-09	5.79E-10	2.90E-09	1.61E-08
3606	496863.09	3850377.25	2.30E-05	2.82E-05	2.47E-05	7.97E-09	2.41E-08	1.39E-08	1.71E-08	1.55E-08	7.06E-09	6.19E-09	2.66E-10	6.43E-09	1.42E-09	2.32E-09	3.68E-09	6.48E-10	3.25E-09	1.80E-08
3607	497363.09	3850377.25	2.43E-05	2.97E-05	2.61E-05	8.41E-09	2.54E-08	1.47E-08	1.80E-08	1.63E-08	7.45E-09	6.53E-09	2.81E-10	6.78E-09	1.50E-09	2.44E-09	3.88E-09	6.83E-10	3.43E-09	1.90E-08
3608	497863.09	3850377.25	2.44E-05	2.99E-05	2.62E-05	8.45E-09	2.55E-08	1.48E-08	1.81E-08	1.64E-08	7.49E-09	6.56E-09	2.82E-10	6.82E-09	1.50E-09	2.46E-09	3.90E-09	6.87E-10	3.44E-09	1.91E-08
3609	498363.09	3850377.25	2.44E-05	2.99E-05	2.62E-05	8.47E-09	2.56E-08	1.48E-08	1.81E-08	1.64E-08	7.50E-09	6.58E-09	2.83E-10	6.83E-09	1.51E-09	2.46E-09	3.91E-09	6.88E-10	3.45E-09	1.91E-08
3610	471363.09	3850877.25	1.31E-05	1.60E-05	1.41E-05	4.53E-09	1.37E-08	7.93E-09	9.71E-09	8.80E-09	4.02E-09	3.52E-09	1.51E-10	3.66E-09	8.07E-10	1.32E-09	2.09E-09	3.69E-10	1.85E-09	1.02E-08
3611	471863.09	3850877.25	1.44E-05	1.77E-05	1.55E-05	5.00E-09	1.51E-08	8.73E-09	1.07E-08	9.70E-09	4.42E-09	3.88E-09	1.67E-10	4.03E-09	8.89E-10	1.45E-09	2.30E-09	4.06E-10	2.04E-09	1.13E-08
3612	472363.09	3850877.25	1.60E-05	1.96E-05	1.72E-05	5.54E-09	1.67E-08	9.68E-09	1.19E-08	1.07E-08	4.90E-09	4.30E-09	1.85E-10	4.47E-09	9.86E-10	1.61E-09	2.55E-09	4.50E-10	2.26E-09	1.25E-08
3613	472863.09	3850877.25	1.72E-05	2.11E-05	1.85E-05	5.96E-09	1.80E-08	1.04E-08	1.28E-08	1.16E-08	5.28E-09	4.63E-09	1.99E-10	4.81E-09	1.06E-09	1.73E-09	2.75E-09	4.84E-10	2.43E-09	1.35E-08
3614	473363.09	3850877.25	1.68E-05	2.06E-05	1.81E-05	5.84E-09	1.76E-08	1.02E-08	1.25E-08	1.13E-08	5.17E-09	4.53E-09	1.95E-10	4.71E-09	1.04E-09	1.70E-09	2.69E-09	4.75E-10	2.38E-09	1.32E-08
3615	473863.09	3850877.25	1.84E-05	2.25E-05	1.97E-05	6.36E-09	1.92E-08	1.11E-08	1.36E-08	1.24E-08	5.64E-09	4.94E-09	2.13E-10	5.13E-09	1.13E-09	1.85E-09	2.93E-09	5.17E-10	2.59E-09	1.44E-08
3616	474363.09	3850877.25	2.05E-05	2.51E-05	2.20E-05	7.10E-09	2.14E-08	1.24E-08	1.52E-08	1.38E-08	6.29E-09	5.52E-09	2.37E-10	5.73E-09	1.26E-09	2.06E-09	3.28E-09	5.77E-10	2.90E-09	1.60E-08
3617	474863.09	3850877.25	2.21E-05	2.71E-05	2.37E-05	7.65E-09	2.31E-08	1.34E-08	1.64E-08	1.49E-08	6.78E-09	5.95E-09	2.56E-10	6.17E-09	1.36E-09	2.23E-09	3.53E-09	6.22E-10	3.12E-09	1.73E-08
3618	475363.09	3850877.25	2.38E-05	2.92E-05	2.56E-05	8.25E-09	2.49E-08	1.44E-08	1.77E-08	1.60E-08	7.31E-09	6.41E-09	2.76E-10	6.65E-09	1.47E-09	2.40E-09	3.80E-09	6.71E-10	3.36E-09	1.86E-08
3619	475863.09	3850877.25	2.57E-05	3.15E-05	2.77E-05	8.92E-09	2.69E-08	1.56E-08	1.91E-08	1.73E-08	7.90E-09	6.93E-09	2.98E-10	7.20E-09	1.59E-09	2.59E-09	4.11E-09	7.25E-10	3.64E-09	2.02E-08
3620	476363.09	3850877.25	2.77E-05	3.39E-05	2.97E-05	9.59E-09	2.90E-08	1.68E-08	2.05E-08	1.86E-08	8.50E-09	7.45E-09	3.20E-10	7.74E-09	1.71E-09	2.79E-09	4.42E-09	7.80E-10	3.91E-09	2.17E-08
3621	476863.09	3850877.25	2.95E-05	3.61E-05	3.17E-05	1.02E-08	3.08E-08	1.79E-08	2.19E-08	1.98E-08	9.05E-09	7.93E-09	3.41E-10	8.24E-09	1.82E-09	2.97E-09	4.71E-09	8.30E-10	4.16E-09	2.31E-08
3622	477363.09	3850877.25	3.10E-05	3.80E-05	3.33E-05	1.07E-08	3.25E-08	1.88E-08	2.30E-08	2.09E-08	9.52E-09	8.35E-09	3.59E-10	8.67E-09	1.91E-09	3.12E-09	4.96E-09	8.74E-10	4.38E-09	2.43E-08
3623	477863.09	3850877.25	3.22E-05	3.94E-05	3.46E-05	1.11E-08	3.37E-08	1.95E-08	2.39E-08	2.16E-08	9.87E-09	8.66E-09	3.72E-10	8.99E-09	1.98E-09	3.24E-09	5.14E-09	9.06E-10	4.54E-09	2.52E-08

3624	478363.09	3850877.25	3.29E-05	4.03E-05	3.54E-05	1.14E-08	3.44E-08	1.99E-08	2.44E-08	2.21E-08	1.01E-08	8.86E-09	3.81E-10	9.20E-09	2.03E-09	3.31E-09	5.26E-09	9.27E-10	4.65E-09	2.58E-08
3625	478863.09	3850877.25	3.33E-05	4.08E-05	3.58E-05	1.15E-08	3.48E-08	2.02E-08	2.47E-08	2.24E-08	1.02E-08	8.96E-09	3.85E-10	9.30E-09	2.05E-09	3.35E-09	5.32E-09	9.37E-10	4.70E-09	2.60E-08
3626	479363.09	3850877.25	3.41E-05	4.18E-05	3.67E-05	1.18E-08	3.57E-08	2.07E-08	2.53E-08	2.29E-08	1.05E-08	9.18E-09	3.95E-10	9.53E-09	2.10E-09	3.44E-09	5.45E-09	9.61E-10	4.82E-09	2.67E-08
3627	479863.09	3850877.25	3.90E-05	4.77E-05	4.19E-05	1.35E-08	4.08E-08	2.36E-08	2.89E-08	2.62E-08	1.20E-08	1.05E-08	4.51E-10	1.09E-08	2.40E-09	3.92E-09	6.23E-09	1.10E-09	5.50E-09	3.05E-08
3628	480363.09	3850877.25	4.60E-05	5.63E-05	4.94E-05	1.59E-08	4.81E-08	2.79E-08	3.41E-08	3.09E-08	1.41E-08	1.24E-08	5.32E-10	1.29E-08	2.84E-09	4.63E-09	7.35E-09	1.30E-09	6.50E-09	3.60E-08
3629	480863.09	3850877.25	4.78E-05	5.86E-05	5.14E-05	1.66E-08	5.00E-08	2.90E-08	3.55E-08	3.22E-08	1.47E-08	1.29E-08	5.53E-10	1.34E-08	2.95E-09	4.82E-09	7.64E-09	1.35E-09	6.75E-09	3.74E-08
3630	481363.09	3850877.25	4.33E-05	5.30E-05	4.65E-05	1.50E-08	4.53E-08	2.62E-08	3.21E-08	2.91E-08	1.33E-08	1.16E-08	5.01E-10	1.21E-08	2.67E-09	4.36E-09	6.92E-09	1.22E-09	6.11E-09	3.39E-08
3631	481863.09	3850877.25	3.56E-05	4.36E-05	3.83E-05	1.23E-08	3.73E-08	2.16E-08	2.64E-08	2.40E-08	1.09E-08	9.59E-09	4.12E-10	9.96E-09	2.20E-09	3.59E-09	5.69E-09	1.00E-09	5.03E-09	2.79E-08
3632	482363.09	3850877.25	2.77E-05	3.39E-05	2.97E-05	9.59E-09	2.90E-08	1.68E-08	2.05E-08	1.86E-08	8.49E-09	7.45E-09	3.20E-10	7.74E-09	1.71E-09	2.79E-09	4.42E-09	7.79E-10	3.91E-09	2.17E-08
3633	482863.09	3850877.25	2.14E-05	2.63E-05	2.30E-05	7.43E-09	2.24E-08	1.30E-08	1.59E-08	1.44E-08	6.58E-09	5.77E-09	2.48E-10	5.99E-09	1.32E-09	2.16E-09	3.43E-09	6.04E-10	3.03E-09	1.68E-08
3634	483363.09	3850877.25	1.60E-05	1.96E-05	1.72E-05	5.54E-09	1.67E-08	9.68E-09	1.19E-08	1.07E-08	4.90E-09	4.30E-09	1.85E-10	4.47E-09	9.85E-10	1.61E-09	2.55E-09	4.50E-10	2.26E-09	1.25E-08
3635	483863.09	3850877.25	1.55E-05	1.90E-05	1.67E-05	5.37E-09	1.62E-08	9.39E-09	1.15E-08	1.04E-08	4.76E-09	4.17E-09	1.79E-10	4.33E-09	9.57E-10	1.56E-09	2.48E-09	4.37E-10	2.19E-09	1.21E-08
3636	484363.09	3850877.25	1.80E-05	2.21E-05	1.94E-05	6.25E-09	1.89E-08	1.09E-08	1.34E-08	1.21E-08	5.53E-09	4.86E-09	2.09E-10	5.04E-09	1.11E-09	1.82E-09	2.88E-09	5.08E-10	2.55E-09	1.41E-08
3637	484863.09	3850877.25	1.76E-05	2.15E-05	1.89E-05	6.09E-09	1.84E-08	1.06E-08	1.30E-08	1.18E-08	5.39E-09	4.73E-09	2.03E-10	4.91E-09	1.08E-09	1.77E-09	2.81E-09	4.95E-10	2.48E-09	1.38E-08
3638	485363.09	3850877.25	1.84E-05	2.25E-05	1.97E-05	6.36E-09	1.92E-08	1.11E-08	1.36E-08	1.23E-08	5.63E-09	4.94E-09	2.12E-10	5.13E-09	1.13E-09	1.85E-09	2.93E-09	5.17E-10	2.59E-09	1.44E-08
3639	485863.09	3850877.25	1.53E-05	1.87E-05	1.64E-05	5.30E-09	1.60E-08	9.26E-09	1.13E-08	1.03E-08	4.69E-09	4.12E-09	1.77E-10	4.27E-09	9.43E-10	1.54E-09	2.44E-09	4.31E-10	2.16E-09	1.20E-08
3640	486363.09	3850877.25	1.57E-05	1.93E-05	1.69E-05	5.46E-09	1.65E-08	9.54E-09	1.17E-08	1.06E-08	4.83E-09	4.24E-09	1.82E-10	4.40E-09	9.71E-10	1.59E-09	2.52E-09	4.43E-10	2.22E-09	1.23E-08
3641	486863.09	3850877.25	1.51E-05	1.85E-05	1.62E-05	5.22E-09	1.58E-08	9.13E-09	1.12E-08	1.01E-08	4.63E-09	4.06E-09	1.74E-10	4.21E-09	9.30E-10	1.52E-09	2.41E-09	4.25E-10	2.13E-09	1.18E-08
3642	487363.09	3850877.25	1.44E-05	1.77E-05	1.55E-05	5.00E-09	1.51E-08	8.73E-09	1.07E-08	9.70E-09	4.42E-09	3.88E-09	1.67E-10	4.03E-09	8.89E-10	1.45E-09	2.30E-09	4.06E-10	2.04E-09	1.13E-08
3643	487863.09	3850877.25	1.47E-05	1.80E-05	1.57E-05	5.08E-09	1.53E-08	8.88E-09	1.09E-08	9.86E-09	4.50E-09	3.94E-09	1.70E-10	4.10E-09	9.04E-10	1.48E-09	2.34E-09	4.13E-10	2.07E-09	1.15E-08
3644	488363.09	3850877.25	1.50E-05	1.83E-05	1.61E-05	5.19E-09	1.57E-08	9.07E-09	1.11E-08	1.01E-08	4.60E-09	4.03E-09	1.73E-10	4.19E-09	9.24E-10	1.51E-09	2.39E-09	4.22E-10	2.12E-09	1.17E-08
3645	488863.09	3850877.25	1.51E-05	1.85E-05	1.63E-05	5.25E-09	1.58E-08	9.17E-09	1.12E-08	1.02E-08	4.65E-09	4.07E-09	1.75E-10	4.23E-09	9.34E-10	1.53E-09	2.42E-09	4.26E-10	2.14E-09	1.19E-08
3646	489363.09	3850877.25	1.54E-05	1.89E-05	1.66E-05	5.35E-09	1.62E-08	9.36E-09	1.15E-08	1.04E-08	4.74E-09	4.16E-09	1.79E-10	4.32E-09	9.53E-10	1.56E-09	2.47E-09	4.35E-10	2.18E-09	1.21E-08
3647	489863.09	3850877.25	1.56E-05	1.91E-05	1.68E-05	5.41E-09	1.63E-08	9.46E-09	1.16E-08	1.05E-08	4.79E-09	4.20E-09	1.81E-10	4.36E-09	9.63E-10	1.57E-09	2.50E-09	4.40E-10	2.21E-09	1.22E-08
3648	490363.09	3850877.25	1.63E-05	1.99E-05	1.75E-05	5.63E-09	1.70E-08	9.84E-09	1.21E-08	1.09E-08	4.99E-09	4.37E-09	1.88E-10	4.54E-09	1.00E-09	1.64E-09	2.60E-09	4.58E-10	2.30E-09	1.27E-08
3649	490863.09	3850877.25	1.69E-05	2.07E-05	1.81E-05	5.84E-09	1.76E-08	1.02E-08	1.25E-08	1.13E-08	5.17E-09	4.54E-09	1.95E-10	4.71E-09	1.04E-09	1.70E-09	2.69E-09	4.75E-10	2.38E-09	1.32E-08
3650	491363.09	3850877.25	1.68E-05	2.06E-05	1.81E-05	5.83E-09	1.76E-08	1.02E-08	1.25E-08	1.13E-08	5.17E-09	4.53E-09	1.95E-10	4.71E-09	1.04E-09	1.70E-09	2.69E-09	4.74E-10	2.38E-09	1.32E-08
3651	491863.09	3850877.25	1.66E-05	2.03E-05	1.78E-05	5.74E-09	1.73E-08	1.00E-08	1.23E-08	1.11E-08	5.08E-09	4.46E-09	1.92E-10	4.63E-09	1.02E-09	1.67E-09	2.65E-09	4.67E-10	2.34E-09	1.30E-08
3652	492363.09	3850877.25	1.64E-05	2.01E-05	1.76E-05	5.68E-09	1.71E-08	9.93E-09	1.22E-08	1.10E-08	5.03E-09	4.41E-09	1.90E-10	4.58E-09	1.01E-09	1.65E-09	2.62E-09	4.62E-10	2.31E-09	1.28E-08
3653	492863.09	3850877.25	1.65E-05	2.02E-05	1.77E-05	5.71E-09	1.72E-08	9.98E-09	1.22E-08	1.11E-08	5.06E-09	4.43E-09	1.91E-10	4.61E-09	1.02E-09	1.66E-09	2.63E-09	4.64E-10	2.33E-09	1.29E-08
3654	493363.09	3850877.25	1.70E-05	2.08E-05	1.82E-05	5.88E-09	1.78E-08	1.03E-08	1.26E-08	1.14E-08	5.21E-09	4.56E-09	1.96E-10	4.74E-09	1.05E-09	1.71E-09	2.71E-09	4.78E-10	2.40E-09	1.33E-08
3655	493863.09	3850877.25	1.90E-05	2.33E-05	2.04E-05	6.59E-09	1.99E-08	1.15E-08	1.41E-08	1.28E-08	5.84E-09	5.12E-09	2.20E-10	5.32E-09	1.17E-09	1.92E-09	3.04E-09	5.36E-10	2.69E-09	1.49E-08
3656	494363.09	3850877.25	2.02E-05	2.47E-05	2.17E-05	7.00E-09	2.11E-08	1.22E-08	1.50E-08	1.36E-08	6.20E-09	5.43E-09	2.34E-10	5.64E-09	1.25E-09	2.03E-09	3.23E-09	5.69E-10	2.85E-09	1.58E-08
3657	494863.09	3850877.25	2.26E-05	2.77E-05	2.43E-05	7.83E-09	2.36E-08	1.37E-08	1.68E-08	1.52E-08	6.94E-09	6.08E-09	2.62E-10	6.32E-09	1.39E-09	2.28E-09	3.61E-09	6.37E-10	3.19E-09	1.77E-08
3658	495363.09	3850877.25	2.52E-05	3.09E-05	2.71E-05	8.75E-09	2.64E-08	1.53E-08	1.87E-08	1.70E-08	7.74E-09	6.79E-09	2.92E-10	7.05E-09	1.56E-09	2.54E-09	4.03E-09	7.11E-10	3.56E-09	1.98E-08
3659	495863.09	3850877.25	2.59E-05	3.18E-05	2.79E-05	8.99E-09	2.71E-08	1.57E-08	1.92E-08	1.74E-08	7.96E-09	6.98E-09	3.00E-10	7.25E-09	1.60E-09	2.61E-09	4.14E-09	7.30E-10	3.66E-09	2.03E-08
3660	496363.09	3850877.25	2.75E-05	3.37E-05	2.95E-05	9.53E-09	2.88E-08	1.67E-08	2.04E-08	1.85E-08	8.44E-09	7.40E-09	3.18E-10	7.69E-09	1.70E-09	2.77E-09	4.39E-09	7.74E-10	3.88E-09	2.15E-08
3661	496863.09	3850877.25	3.00E-05	3.67E-05	3.22E-05	1.04E-08	3.14E-08	1.82E-08	2.22E-08	2.02E-08	9.20E-09	8.06E-09	3.47E-10	8.38E-09	1.85E-09	3.02E-09	4.79E-09	8.44E-10	4.23E-09	2.35E-08
3662	497363.09	3850877.25	3.03E-05	3.71E-05	3.25E-05	1.05E-08	3.17E-08	1.84E-08	2.25E-08	2.04E-08	9.30E-09	8.15E-09	3.51E-10	8.47E-09	1.87E-09	3.05E-09	4.84E-09	8.53E-10	4.28E-09	2.37E-08
3663	497863.09	3850877.25	2.99E-05	3.66E-05	3.21E-05	1.04E-08	3.13E-08	1.81E-08	2.22E-08	2.01E-08	9.17E-09	8.04E-09	3.46E-10	8.36E-09	1.84E-09	3.01E-09	4.78E-09	8.42E-10	4.22E-09	2.34E-08
3664	498363.09	3850877.25	2.94E-05	3.60E-05	3.16E-05	1.02E-08	3.08E-08	1.78E-08	2.18E-08	1.98E-08	9.03E-09	7.91E-09	3.40E-10	8.22E-09	1.81E-09	2.96E-09	4.70E-09	8.28E-10	4.15E-09	2.30E-08
3665	471363.09	3851377.25	1.40E-05	1.71E-05	1.50E-05	4.85E-09	1.46E-08	8.47E-09	1.04E-08	9.40E-09	4.29E-09	3.76E-09	1.62E-10	3.91E-09	8.62E-10	1.41E-09	2.23E-09	3.94E-10	1.97E-09	1.09E-08
3666	471863.09	3851377.25	1.67E-05	2.04E-05	1.79E-05	5.78E-09	1.75E-08	1.01E-08	1.24E-08	1.12E-08	5.12E-09	4.49E-09	1.93E-10	4.66E-09	1.03E-09	1.68E-09	2.67E-09	4.70E-10	2.36E-09	1.31E-08
3667	472363.09	3851377.25	1.72E-05	2.11E-05	1.85E-05	5.97E-09	1.80E-08	1.04E-08	1.28E-08	1.16E-08	5.29E-09	4.64E-09	1.99E-10	4.82E-09	1.06E-09	1.74E-09	2.75E-09	4.85E-10	2.43E-09	1.35E-08
3668	472863.09	3851377.25	1.79E-05	2.19E-05	1.92E-05	6.19E-09	1.87E-08	1.08E-08	1.32E-08	1.20E-08	5.48E-09	4.80E-09	2.07E-10	4.99E-09	1.10E-09	1.80E-09	2.85E-09	5.03E-10	2.52E-09	1.40E-08
3669	473363.09	3851377.25	1.70E-05	2.08E-05	1.83E-05	5.89E-09	1.78E-08	1.03E-08	1.26E-08	1.14E-08	5.22E-09	4.58E-09	1.97E-10	4.75E-09	1.05E-09	1.71E-09	2.72E-09	4.79E-10	2.40E-09	1.33E-08
3670	473863.09	3851377.25	1.79E-05	2.19E-05	1.92E-05	6.21E-09	1.87E-08	1.08E-08	1.33E-08	1.20E-08	5.50E-09	4.82E-09	2.07E-10	5.01E-09	1.10E-09	1.80E-09	2.86E-09	5.04E-10	2.53E-09	1.40E-08
3671	474363.09	3851377.25	2.02E-05	2.48E-05	2.17E-05	7.01E-09	2.12E-08	1.23E-08	1.50E-08	1.36E-08	6.21E-09	5.44E-09	2.34E-10	5.66E-09	1.25E-09	2.04E-09	3.23E-09	5.70E-10	2.86E-09	1.58E-08
3672	474863.09	3851377.25	2.21E-05	2.71E-05	2.37E-05	7.66E-09	2.31E-08	1.34E-08	1.64E-08	1.49E-08	6.79E-09	5.95E-09	2.56E-10	6.18E-09	1.36E-09	2.23E-09	3.53E-09	6.23E-10	3.12E-09	1.73E-08
3673	475363.09	3851377.25	2.42E-05	2.96E-05	2.60E-05	8.37E-09	2.53E-08	1.46E-08	1.79E-08	1.62E-08	7.41E-09	6.50E-09	2.80E-10	6.75E-09	1.49E-09	2.43E-09	3.86E-09	6.80E-10	3.41E-09	1.89E-08
3674	475863.09	3851377.25	2.60E-05	3.19E-05	2.80E-05	9.02E-09	2.72E-08	1.58E-08	1.93E-08	1.75E-08	7.99E-09	7.01E-09	3.01E-10	7.28E-09	1.61E-09	2.62E-09	4.16E-09	7.33E-10	3.68E-09	2.04E-08
3675	476363.09	3851377.25	2.82E-05	3.45E-05	3.03E-05	9.77E-09	2.95E-08	1.71E-08	2.09E-08	1.90E-08	8.66E-09	7.59E-09	3.26E-10	7.88E-09	1.74E-09	2.84E-09	4.51E-09	7.94E-10	3.98E-09	2.21E-08
3676	476863.09	3851377.25	3.02E-05	3.70E-05	3.25E-05	1.05E-08	3.16E-08	1.83E-08	2.24E-08	2.03E-08	9.28E-09	8.14E-09	3.50E-10	8.45E-09	1.86E-09	3.05E-09	4.83E-09	8.51E-10	4.27E-09	2.37E-08
3677	477363.09	3851377.25	3.32E-05	4.07E-05	3.57E-05	1.15E-08	3.48E-08	2.01E-08	2.47E-08	2.24E-08	1.02E-08	8.95E-09	3.85E-10	9.29E-09	2.05E-09	3.35E-09	5.31E-09	9.36E-10	4.70E-09	2.60E-08
3678	477863.09	3851377.25	3.56E-05	4.36E-05	3.83E-05	1.23E-08	3.73E-08	2.16E-08	2.64E-08	2.40E-08	1.09E-08	9.59E-09	4.12E-10	9.96E-09	2.20E-09	3.59E-09	5.69E-09	1.00E-09	5.03E-09	2.79E-08

3679	478363.09	3851377.25	3.75E-05	4.60E-05	4.03E-05	1.30E-08	3.93E-08	2.27E-08	2.79E-08	2.52E-08	1.15E-08	1.01E-08	4.34E-10	1.05E-08	2.32E-09	3.78E-09	6.00E-09	1.06E-09	5.30E-09	2.94E-08
3680	478863.09	3851377.25	3.89E-05	4.77E-05	4.19E-05	1.35E-08	4.08E-08	2.36E-08	2.89E-08	2.62E-08	1.20E-08	1.05E-08	4.51E-10	1.09E-08	2.40E-09	3.92E-09	6.22E-09	1.10E-09	5.50E-09	3.05E-08
3681	479363.09	3851377.25	3.97E-05	4.86E-05	4.26E-05	1.37E-08	4.15E-08	2.40E-08	2.94E-08	2.67E-08	1.22E-08	1.07E-08	4.59E-10	1.11E-08	2.45E-09	4.00E-09	6.34E-09	1.12E-09	5.61E-09	3.11E-08
3682	479863.09	3851377.25	4.07E-05	4.99E-05	4.38E-05	1.41E-08	4.26E-08	2.47E-08	3.02E-08	2.74E-08	1.25E-08	1.10E-08	4.71E-10	1.14E-08	2.51E-09	4.10E-09	6.51E-09	1.15E-09	5.76E-09	3.19E-08
3683	480363.09	3851377.25	4.64E-05	5.69E-05	4.99E-05	1.61E-08	4.86E-08	2.81E-08	3.44E-08	3.12E-08	1.42E-08	1.25E-08	5.37E-10	1.30E-08	2.86E-09	4.68E-09	7.42E-09	1.31E-09	6.56E-09	3.63E-08
3684	480863.09	3851377.25	5.47E-05	6.71E-05	5.88E-05	1.90E-08	5.73E-08	3.32E-08	4.06E-08	3.68E-08	1.68E-08	1.47E-08	6.34E-10	1.53E-08	3.38E-09	5.52E-09	8.75E-09	1.54E-09	7.73E-09	4.29E-08
3685	481363.09	3851377.25	5.76E-05	7.06E-05	6.19E-05	2.00E-08	6.03E-08	3.49E-08	4.28E-08	3.88E-08	1.77E-08	1.55E-08	6.67E-10	1.61E-08	3.56E-09	5.81E-09	9.21E-09	1.62E-09	8.14E-09	4.51E-08
3686	481863.09	3851377.25	5.12E-05	6.27E-05	5.50E-05	1.77E-08	5.36E-08	3.10E-08	3.80E-08	3.44E-08	1.57E-08	1.38E-08	5.93E-10	1.43E-08	3.16E-09	5.16E-09	8.18E-09	1.44E-09	7.24E-09	4.01E-08
3687	482363.09	3851377.25	4.42E-05	5.42E-05	4.75E-05	1.53E-08	4.63E-08	2.68E-08	3.28E-08	2.98E-08	1.36E-08	1.19E-08	5.12E-10	1.24E-08	2.73E-09	4.46E-09	7.07E-09	1.25E-09	6.25E-09	3.46E-08
3688	482863.09	3851377.25	3.44E-05	4.21E-05	3.69E-05	1.19E-08	3.60E-08	2.08E-08	2.55E-08	2.31E-08	1.05E-08	9.25E-09	3.98E-10	9.60E-09	2.12E-09	3.46E-09	5.49E-09	9.68E-10	4.86E-09	2.69E-08
3689	483363.09	3851377.25	2.44E-05	2.98E-05	2.62E-05	8.44E-09	2.55E-08	1.48E-08	1.81E-08	1.64E-08	7.48E-09	6.56E-09	2.82E-10	6.81E-09	1.50E-09	2.45E-09	3.89E-09	6.86E-10	3.44E-09	1.91E-08
3690	483863.09	3851377.25	2.12E-05	2.60E-05	2.28E-05	7.36E-09	2.22E-08	1.29E-08	1.58E-08	1.43E-08	6.52E-09	5.72E-09	2.46E-10	5.94E-09	1.31E-09	2.14E-09	3.39E-09	5.98E-10	3.00E-09	1.66E-08
3691	484363.09	3851377.25	2.66E-05	3.26E-05	2.86E-05	9.22E-09	2.78E-08	1.61E-08	1.97E-08	1.79E-08	8.16E-09	7.16E-09	3.08E-10	7.44E-09	1.64E-09	2.68E-09	4.25E-09	7.49E-10	3.76E-09	2.08E-08
3692	484863.09	3851377.25	1.84E-05	2.26E-05	1.98E-05	6.39E-09	1.93E-08	1.12E-08	1.37E-08	1.24E-08	5.66E-09	4.97E-09	2.13E-10	5.15E-09	1.14E-09	1.86E-09	2.95E-09	5.19E-10	2.61E-09	1.44E-08
3693	485363.09	3851377.25	2.47E-05	3.02E-05	2.65E-05	8.55E-09	2.58E-08	1.49E-08	1.83E-08	1.66E-08	7.57E-09	6.64E-09	2.85E-10	6.89E-09	1.52E-09	2.48E-09	3.94E-09	6.95E-10	3.48E-09	1.93E-08
3694	485863.09	3851377.25	1.99E-05	2.44E-05	2.14E-05	6.91E-09	2.09E-08	1.21E-08	1.48E-08	1.34E-08	6.12E-09	5.37E-09	2.31E-10	5.58E-09	1.23E-09	2.01E-09	3.19E-09	5.62E-10	2.82E-09	1.56E-08
3695	486363.09	3851377.25	2.17E-05	2.66E-05	2.33E-05	7.53E-09	2.27E-08	1.32E-08	1.61E-08	1.46E-08	6.67E-09	5.85E-09	2.51E-10	6.07E-09	1.34E-09	2.19E-09	3.47E-09	6.12E-10	3.07E-09	1.70E-08
3696	486863.09	3851377.25	2.05E-05	2.52E-05	2.21E-05	7.12E-09	2.15E-08	1.24E-08	1.52E-08	1.38E-08	6.30E-09	5.53E-09	2.38E-10	5.74E-09	1.27E-09	2.07E-09	3.28E-09	5.79E-10	2.90E-09	1.61E-08
3697	487363.09	3851377.25	1.77E-05	2.17E-05	1.90E-05	6.15E-09	1.86E-08	1.07E-08	1.32E-08	1.19E-08	5.44E-09	4.77E-09	2.05E-10	4.96E-09	1.09E-09	1.79E-09	2.83E-09	5.00E-10	2.50E-09	1.39E-08
3698	487863.09	3851377.25	1.98E-05	2.43E-05	2.13E-05	6.87E-09	2.08E-08	1.20E-08	1.47E-08	1.33E-08	6.09E-09	5.34E-09	2.30E-10	5.55E-09	1.22E-09	2.00E-09	3.17E-09	5.59E-10	2.80E-09	1.55E-08
3699	488363.09	3851377.25	2.06E-05	2.52E-05	2.21E-05	7.14E-09	2.16E-08	1.25E-08	1.53E-08	1.39E-08	6.32E-09	5.55E-09	2.38E-10	5.76E-09	1.27E-09	2.08E-09	3.29E-09	5.80E-10	2.91E-09	1.61E-08
3700	488863.09	3851377.25	2.09E-05	2.57E-05	2.25E-05	7.26E-09	2.19E-08	1.27E-08	1.55E-08	1.41E-08	6.43E-09	5.64E-09	2.42E-10	5.85E-09	1.29E-09	2.11E-09	3.35E-09	5.90E-10	2.96E-09	1.64E-08
3701	489363.09	3851377.25	2.16E-05	2.65E-05	2.32E-05	7.49E-09	2.26E-08	1.31E-08	1.60E-08	1.45E-08	6.63E-09	5.81E-09	2.50E-10	6.04E-09	1.33E-09	2.18E-09	3.45E-09	6.08E-10	3.05E-09	1.69E-08
3702	489863.09	3851377.25	2.23E-05	2.73E-05	2.39E-05	7.72E-09	2.33E-08	1.35E-08	1.65E-08	1.50E-08	6.84E-09	5.99E-09	2.58E-10	6.23E-09	1.37E-09	2.24E-09	3.56E-09	6.28E-10	3.15E-09	1.74E-08
3703	490363.09	3851377.25	2.31E-05	2.83E-05	2.48E-05	8.00E-09	2.41E-08	1.40E-08	1.71E-08	1.55E-08	7.08E-09	6.21E-09	2.67E-10	6.45E-09	1.42E-09	2.32E-09	3.69E-09	6.50E-10	3.26E-09	1.81E-08
3704	490863.09	3851377.25	2.35E-05	2.88E-05	2.53E-05	8.15E-09	2.46E-08	1.43E-08	1.75E-08	1.58E-08	7.22E-09	6.33E-09	2.72E-10	6.58E-09	1.45E-09	2.37E-09	3.76E-09	6.63E-10	3.32E-09	1.84E-08
3705	491363.09	3851377.25	2.33E-05	2.86E-05	2.50E-05	8.08E-09	2.44E-08	1.41E-08	1.73E-08	1.57E-08	7.16E-09	6.27E-09	2.70E-10	6.52E-09	1.44E-09	2.35E-09	3.73E-09	6.57E-10	3.29E-09	1.83E-08
3706	491863.09	3851377.25	2.33E-05	2.86E-05	2.50E-05	8.08E-09	2.44E-08	1.41E-08	1.73E-08	1.57E-08	7.16E-09	6.27E-09	2.70E-10	6.52E-09	1.44E-09	2.35E-09	3.73E-09	6.57E-10	3.29E-09	1.82E-08
3707	492363.09	3851377.25	2.37E-05	2.90E-05	2.54E-05	8.20E-09	2.48E-08	1.43E-08	1.76E-08	1.59E-08	7.26E-09	6.36E-09	2.74E-10	6.61E-09	1.46E-09	2.38E-09	3.78E-09	6.67E-10	3.34E-09	1.85E-08
3708	492863.09	3851377.25	2.33E-05	2.86E-05	2.51E-05	8.09E-09	2.44E-08	1.41E-08	1.73E-08	1.57E-08	7.17E-09	6.28E-09	2.70E-10	6.53E-09	1.44E-09	2.35E-09	3.73E-09	6.58E-10	3.30E-09	1.83E-08
3709	493363.09	3851377.25	2.12E-05	2.60E-05	2.28E-05	7.36E-09	2.22E-08	1.29E-08	1.58E-08	1.43E-08	6.52E-09	5.71E-09	2.46E-10	5.94E-09	1.31E-09	2.14E-09	3.39E-09	5.98E-10	3.00E-09	1.66E-08
3710	493863.09	3851377.25	2.35E-05	2.88E-05	2.53E-05	8.15E-09	2.46E-08	1.42E-08	1.75E-08	1.58E-08	7.22E-09	6.33E-09	2.72E-10	6.58E-09	1.45E-09	2.37E-09	3.76E-09	6.63E-10	3.32E-09	1.84E-08
3711	494363.09	3851377.25	2.83E-05	3.47E-05	3.04E-05	9.81E-09	2.96E-08	1.71E-08	2.10E-08	1.90E-08	8.69E-09	7.61E-09	3.28E-10	7.91E-09	1.75E-09	2.85E-09	4.52E-09	7.97E-10	4.00E-09	2.22E-08
3712	494863.09	3851377.25	2.97E-05	3.63E-05	3.19E-05	1.03E-08	3.10E-08	1.80E-08	2.20E-08	2.00E-08	9.10E-09	7.98E-09	3.43E-10	8.29E-09	1.83E-09	2.99E-09	4.74E-09	8.35E-10	4.19E-09	2.32E-08
3713	495363.09	3851377.25	3.46E-05	4.24E-05	3.71E-05	1.20E-08	3.62E-08	2.10E-08	2.57E-08	2.33E-08	1.06E-08	9.31E-09	4.00E-10	9.67E-09	2.13E-09	3.48E-09	5.53E-09	9.74E-10	4.88E-09	2.71E-08
3714	495863.09	3851377.25	3.65E-05	4.47E-05	3.92E-05	1.27E-08	3.82E-08	2.21E-08	2.71E-08	2.46E-08	1.12E-08	9.83E-09	4.23E-10	1.02E-08	2.25E-09	3.68E-09	5.84E-09	1.03E-09	5.16E-09	2.86E-08
3715	496363.09	3851377.25	3.75E-05	4.59E-05	4.02E-05	1.30E-08	3.92E-08	2.27E-08	2.78E-08	2.52E-08	1.15E-08	1.01E-08	4.34E-10	1.05E-08	2.31E-09	3.77E-09	5.99E-09	1.06E-09	5.29E-09	2.93E-08
3716	496863.09	3851377.25	3.77E-05	4.62E-05	4.05E-05	1.31E-08	3.94E-08	2.28E-08	2.80E-08	2.54E-08	1.16E-08	1.01E-08	4.36E-10	1.05E-08	2.33E-09	3.80E-09	6.02E-09	1.06E-09	5.32E-09	2.95E-08
3717	497363.09	3851377.25	3.77E-05	4.62E-05	4.05E-05	1.31E-08	3.95E-08	2.28E-08	2.80E-08	2.54E-08	1.16E-08	1.01E-08	4.36E-10	1.05E-08	2.33E-09	3.80E-09	6.03E-09	1.06E-09	5.32E-09	2.95E-08
3718	497863.09	3851377.25	3.70E-05	4.53E-05	3.97E-05	1.28E-08	3.87E-08	2.24E-08	2.74E-08	2.49E-08	1.14E-08	9.95E-09	4.28E-10	1.03E-08	2.28E-09	3.73E-09	5.91E-09	1.04E-09	5.22E-09	2.89E-08
3719	498363.09	3851377.25	3.49E-05	4.28E-05	3.75E-05	1.21E-08	3.65E-08	2.11E-08	2.59E-08	2.35E-08	1.07E-08	9.39E-09	4.04E-10	9.76E-09	2.15E-09	3.52E-09	5.58E-09	9.83E-10	4.93E-09	2.73E-08
3720	471363.09	3851877.25	1.56E-05	1.91E-05	1.67E-05	5.39E-09	1.63E-08	9.43E-09	1.15E-08	1.05E-08	4.78E-09	4.19E-09	1.80E-10	4.35E-09	9.60E-10	1.57E-09	2.49E-09	4.38E-10	2.20E-09	1.22E-08
3721	471863.09	3851877.25	1.53E-05	1.88E-05	1.65E-05	5.32E-09	1.61E-08	9.29E-09	1.14E-08	1.03E-08	4.71E-09	4.13E-09	1.78E-10	4.29E-09	9.46E-10	1.55E-09	2.45E-09	4.32E-10	2.17E-09	1.20E-08
3722	472363.09	3851877.25	1.71E-05	2.09E-05	1.84E-05	5.93E-09	1.79E-08	1.04E-08	1.27E-08	1.15E-08	5.25E-09	4.60E-09	1.98E-10	4.78E-09	1.05E-09	1.72E-09	2.73E-09	4.82E-10	2.42E-09	1.34E-08
3723	472863.09	3851877.25	1.87E-05	2.29E-05	2.01E-05	6.48E-09	1.96E-08	1.13E-08	1.39E-08	1.26E-08	5.74E-09	5.03E-09	2.16E-10	5.22E-09	1.15E-09	1.88E-09	2.99E-09	5.26E-10	2.64E-09	1.46E-08
3724	473363.09	3851877.25	1.81E-05	2.21E-05	1.94E-05	6.26E-09	1.89E-08	1.09E-08	1.34E-08	1.22E-08	5.55E-09	4.87E-09	2.09E-10	5.05E-09	1.11E-09	1.82E-09	2.89E-09	5.09E-10	2.55E-09	1.41E-08
3725	473863.09	3851877.25	1.88E-05	2.30E-05	2.02E-05	6.52E-09	1.97E-08	1.14E-08	1.40E-08	1.26E-08	5.77E-09	5.06E-09	2.18E-10	5.26E-09	1.16E-09	1.89E-09	3.01E-09	5.30E-10	2.66E-09	1.47E-08
3726	474363.09	3851877.25	2.16E-05	2.64E-05	2.32E-05	7.47E-09	2.26E-08	1.31E-08	1.60E-08	1.45E-08	6.62E-09	5.80E-09	2.50E-10	6.03E-09	1.33E-09	2.17E-09	3.45E-09	6.07E-10	3.04E-09	1.69E-08
3727	474863.09	3851877.25	2.40E-05	2.93E-05	2.57E-05	8.30E-09	2.51E-08	1.45E-08	1.78E-08	1.61E-08	7.35E-09	6.44E-09	2.77E-10	6.70E-09	1.48E-09	2.41E-09	3.83E-09	6.75E-10	3.38E-09	1.87E-08
3728	475363.09	3851877.25	2.54E-05	3.11E-05	2.73E-05	8.80E-09	2.66E-08	1.54E-08	1.89E-08	1.71E-08	7.80E-09	6.84E-09	2.94E-10	7.10E-09	1.57E-09	2.56E-09	4.06E-09	7.16E-10	3.59E-09	1.99E-08
3729	475863.09	3851877.25	2.66E-05	3.26E-05	2.86E-05	9.23E-09	2.79E-08	1.61E-08	1.98E-08	1.79E-08	8.17E-09	7.16E-09	3.08E-10	7.44E-09	1.64E-09	2.68E-09	4.25E-09	7.50E-10	3.76E-09	2.08E-08
3730	476363.09	3851877.25	2.71E-05	3.32E-05	2.91E-05	9.39E-09	2.83E-08	1.64E-08	2.01E-08	1.82E-08	8.31E-09	7.29E-09	3.13E-10	7.57E-09	1.67E-09	2.73E-09	4.33E-09	7.63E-10	3.83E-09	2.12E-08
3731	476863.09	3851877.25	2.97E-05	3.64E-05	3.19E-05	1.03E-08	3.11E-08	1.80E-08	2.20E-08	2.00E-08	9.12E-09	8.00E-09	3.44E-10	8.30E-09	1.83E-09	2.99E-09	4.75E-09	8.37E-10	4.20E-09	2.33E-08
3732	477363.09	3851877.25	3.29E-05	4.03E-05	3.54E-05	1.14E-08	3.45E-08	2.00E-08	2.44E-08	2.22E-08	1.01E-08	8.87E-09	3.81E-10	9.21E-09	2.03E-09	3.32E-09	5.26E-09	9.28E-10	4.65E-09	2.58E-08
3733	477863.09	3851877.25	3.64E-05	4.46E-05	3.91E-05	1.26E-08	3.81E-08	2.21E-08	2.70E-08	2.45E-08	1.12E-08	9.80E-09	4.21E-10	1.02E-08	2.25E-09	3.67E-09	5.82E-09	1.03E-09	5.14E-09	2.85E-08

3734	478363.09	3851877.25	3.94E-05	4.83E-05	4.23E-05	1.37E-08	4.13E-08	2.39E-08	2.93E-08	2.65E-08	1.21E-08	1.06E-08	4.56E-10	1.10E-08	2.43E-09	3.97E-09	6.30E-09	1.11E-09	5.57E-09	3.09E-08
3735	478863.09	3851877.25	4.34E-05	5.32E-05	4.66E-05	1.50E-08	4.54E-08	2.63E-08	3.22E-08	2.92E-08	1.33E-08	1.17E-08	5.02E-10	1.21E-08	2.68E-09	4.37E-09	6.94E-09	1.22E-09	6.13E-09	3.40E-08
3736	479363.09	3851877.25	4.67E-05	5.72E-05	5.02E-05	1.62E-08	4.89E-08	2.83E-08	3.47E-08	3.14E-08	1.43E-08	1.26E-08	5.41E-10	1.31E-08	2.88E-09	4.71E-09	7.47E-09	1.32E-09	6.60E-09	3.66E-08
3737	479863.09	3851877.25	4.83E-05	5.91E-05	5.19E-05	1.67E-08	5.05E-08	2.92E-08	3.58E-08	3.25E-08	1.48E-08	1.30E-08	5.59E-10	1.35E-08	2.98E-09	4.86E-09	7.72E-09	1.36E-09	6.82E-09	3.78E-08
3738	480363.09	3851877.25	4.96E-05	6.08E-05	5.34E-05	1.72E-08	5.19E-08	3.01E-08	3.68E-08	3.34E-08	1.52E-08	1.34E-08	5.74E-10	1.39E-08	3.06E-09	5.00E-09	7.93E-09	1.40E-09	7.02E-09	3.89E-08
3739	480863.09	3851877.25	5.63E-05	6.89E-05	6.05E-05	1.95E-08	5.89E-08	3.41E-08	4.17E-08	3.78E-08	1.73E-08	1.51E-08	6.51E-10	1.57E-08	3.47E-09	5.67E-09	8.99E-09	1.58E-09	7.95E-09	4.40E-08
3740	481363.09	3851877.25	6.63E-05	8.12E-05	7.13E-05	2.30E-08	6.94E-08	4.02E-08	4.92E-08	4.46E-08	2.04E-08	1.79E-08	7.68E-10	1.85E-08	4.09E-09	6.68E-09	1.06E-08	1.87E-09	9.37E-09	5.19E-08
3741	481863.09	3851877.25	7.04E-05	8.62E-05	7.57E-05	2.44E-08	7.37E-08	4.26E-08	5.22E-08	4.74E-08	2.16E-08	1.90E-08	8.15E-10	1.97E-08	4.34E-09	7.09E-09	1.13E-08	1.98E-09	9.95E-09	5.51E-08
3742	482363.09	3851877.25	5.66E-05	6.93E-05	6.08E-05	1.96E-08	5.92E-08	3.43E-08	4.20E-08	3.81E-08	1.74E-08	1.52E-08	6.55E-10	1.58E-08	3.49E-09	5.70E-09	9.04E-09	1.59E-09	7.99E-09	4.43E-08
3743	482863.09	3851877.25	3.92E-05	4.80E-05	4.21E-05	1.36E-08	4.10E-08	2.38E-08	2.91E-08	2.64E-08	1.20E-08	1.06E-08	4.54E-10	1.10E-08	2.42E-09	3.95E-09	6.27E-09	1.10E-09	5.54E-09	3.07E-08
3744	483363.09	3851877.25	3.94E-05	4.82E-05	4.23E-05	1.36E-08	4.12E-08	2.38E-08	2.92E-08	2.65E-08	1.21E-08	1.06E-08	4.56E-10	1.10E-08	2.43E-09	3.97E-09	6.29E-09	1.11E-09	5.56E-09	3.08E-08
3745	483863.09	3851877.25	3.58E-05	4.38E-05	3.84E-05	1.24E-08	3.74E-08	2.17E-08	2.65E-08	2.41E-08	1.10E-08	9.63E-09	4.14E-10	1.00E-08	2.21E-09	3.60E-09	5.72E-09	1.01E-09	5.05E-09	2.80E-08
3746	484363.09	3851877.25	3.78E-05	4.63E-05	4.06E-05	1.31E-08	3.96E-08	2.29E-08	2.81E-08	2.54E-08	1.16E-08	1.02E-08	4.38E-10	1.06E-08	2.33E-09	3.81E-09	6.04E-09	1.06E-09	5.34E-09	2.96E-08
3747	484863.09	3851877.25	3.24E-05	3.97E-05	3.48E-05	1.12E-08	3.39E-08	1.96E-08	2.40E-08	2.18E-08	9.94E-09	8.72E-09	3.75E-10	9.05E-09	2.00E-09	3.26E-09	5.17E-09	9.12E-10	4.58E-09	2.53E-08
3748	485363.09	3851877.25	3.31E-05	4.05E-05	3.56E-05	1.15E-08	3.46E-08	2.00E-08	2.46E-08	2.23E-08	1.02E-08	8.91E-09	3.83E-10	9.25E-09	2.04E-09	3.33E-09	5.29E-09	9.32E-10	4.68E-09	2.59E-08
3749	485863.09	3851877.25	3.31E-05	4.06E-05	3.56E-05	1.15E-08	3.47E-08	2.01E-08	2.46E-08	2.23E-08	1.02E-08	8.92E-09	3.83E-10	9.26E-09	2.04E-09	3.34E-09	5.29E-09	9.33E-10	4.68E-09	2.59E-08
3750	486363.09	3851877.25	2.89E-05	3.54E-05	3.10E-05	1.00E-08	3.02E-08	1.75E-08	2.14E-08	1.94E-08	8.86E-09	7.77E-09	3.34E-10	8.07E-09	1.78E-09	2.91E-09	4.62E-09	8.14E-10	4.08E-09	2.26E-08
3751	486863.09	3851877.25	2.86E-05	3.51E-05	3.08E-05	9.92E-09	3.00E-08	1.73E-08	2.12E-08	1.93E-08	8.79E-09	7.71E-09	3.31E-10	8.00E-09	1.77E-09	2.88E-09	4.58E-09	8.06E-10	4.04E-09	2.24E-08
3752	487363.09	3851877.25	2.84E-05	3.48E-05	3.05E-05	9.84E-09	2.97E-08	1.72E-08	2.11E-08	1.91E-08	8.71E-09	7.64E-09	3.28E-10	7.93E-09	1.75E-09	2.86E-09	4.54E-09	8.00E-10	4.01E-09	2.22E-08
3753	487863.09	3851877.25	2.49E-05	3.05E-05	2.67E-05	8.62E-09	2.60E-08	1.51E-08	1.85E-08	1.67E-08	7.63E-09	6.70E-09	2.88E-10	6.95E-09	1.53E-09	2.51E-09	3.98E-09	7.01E-10	3.52E-09	1.95E-08
3754	488363.09	3851877.25	2.59E-05	3.17E-05	2.78E-05	8.97E-09	2.71E-08	1.57E-08	1.92E-08	1.74E-08	7.95E-09	6.97E-09	3.00E-10	7.24E-09	1.60E-09	2.61E-09	4.14E-09	7.29E-10	3.66E-09	2.03E-08
3755	488863.09	3851877.25	2.58E-05	3.16E-05	2.77E-05	8.93E-09	2.70E-08	1.56E-08	1.91E-08	1.73E-08	7.91E-09	6.93E-09	2.98E-10	7.20E-09	1.59E-09	2.60E-09	4.12E-09	7.26E-10	3.64E-09	2.02E-08
3756	489363.09	3851877.25	2.61E-05	3.19E-05	2.80E-05	9.04E-09	2.73E-08	1.58E-08	1.94E-08	1.75E-08	8.00E-09	7.01E-09	3.02E-10	7.29E-09	1.61E-09	2.63E-09	4.17E-09	7.35E-10	3.68E-09	2.04E-08
3757	489863.09	3851877.25	2.69E-05	3.30E-05	2.89E-05	9.33E-09	2.82E-08	1.63E-08	2.00E-08	1.81E-08	8.27E-09	7.24E-09	3.12E-10	7.53E-09	1.66E-09	2.71E-09	4.30E-09	7.59E-10	3.80E-09	2.11E-08
3758	490363.09	3851877.25	2.86E-05	3.51E-05	3.07E-05	9.92E-09	3.00E-08	1.73E-08	2.12E-08	1.93E-08	8.79E-09	7.70E-09	3.31E-10	8.00E-09	1.77E-09	2.88E-09	4.58E-09	8.06E-10	4.04E-09	2.24E-08
3759	490863.09	3851877.25	3.06E-05	3.75E-05	3.28E-05	1.06E-08	3.20E-08	1.85E-08	2.27E-08	2.06E-08	9.39E-09	8.23E-09	3.54E-10	8.55E-09	1.89E-09	3.08E-09	4.89E-09	8.62E-10	4.32E-09	2.39E-08
3760	491363.09	3851877.25	3.27E-05	4.00E-05	3.51E-05	1.13E-08	3.42E-08	1.98E-08	2.42E-08	2.20E-08	1.00E-08	8.79E-09	3.78E-10	9.13E-09	2.02E-09	3.29E-09	5.22E-09	9.20E-10	4.61E-09	2.56E-08
3761	491863.09	3851877.25	3.41E-05	4.17E-05	3.66E-05	1.18E-08	3.57E-08	2.06E-08	2.53E-08	2.29E-08	1.05E-08	9.16E-09	3.94E-10	9.53E-09	2.10E-09	3.43E-09	5.45E-09	9.60E-10	4.81E-09	2.67E-08
3762	492363.09	3851877.25	3.34E-05	4.09E-05	3.58E-05	1.16E-08	3.49E-08	2.02E-08	2.48E-08	2.25E-08	1.02E-08	8.98E-09	3.86E-10	9.33E-09	2.06E-09	3.36E-09	5.34E-09	9.41E-10	4.71E-09	2.61E-08
3763	492863.09	3851877.25	2.90E-05	3.56E-05	3.12E-05	1.01E-08	3.04E-08	1.76E-08	2.15E-08	1.95E-08	8.91E-09	7.81E-09	3.36E-10	8.11E-09	1.79E-09	2.92E-09	4.64E-09	8.18E-10	4.10E-09	2.27E-08
3764	493363.09	3851877.25	3.51E-05	4.30E-05	3.77E-05	1.22E-08	3.68E-08	2.13E-08	2.61E-08	2.36E-08	1.08E-08	9.45E-09	4.07E-10	9.82E-09	2.17E-09	3.54E-09	5.61E-09	9.90E-10	4.96E-09	2.75E-08
3765	493863.09	3851877.25	4.20E-05	5.14E-05	4.51E-05	1.45E-08	4.39E-08	2.54E-08	3.11E-08	2.82E-08	1.29E-08	1.13E-08	4.86E-10	1.17E-08	2.59E-09	4.23E-09	6.71E-09	1.18E-09	5.92E-09	3.28E-08
3766	494363.09	3851877.25	4.08E-05	5.00E-05	4.38E-05	1.41E-08	4.27E-08	2.47E-08	3.03E-08	2.74E-08	1.25E-08	1.10E-08	4.72E-10	1.14E-08	2.52E-09	4.11E-09	6.52E-09	1.15E-09	5.76E-09	3.19E-08
3767	494863.09	3851877.25	4.51E-05	5.53E-05	4.85E-05	1.56E-08	4.72E-08	2.73E-08	3.35E-08	3.04E-08	1.39E-08	1.21E-08	5.22E-10	1.26E-08	2.78E-09	4.55E-09	7.21E-09	1.27E-09	6.37E-09	3.53E-08
3768	495363.09	3851877.25	4.78E-05	5.85E-05	5.13E-05	1.66E-08	5.00E-08	2.90E-08	3.55E-08	3.21E-08	1.47E-08	1.29E-08	5.53E-10	1.34E-08	2.95E-09	4.82E-09	7.64E-09	1.35E-09	6.75E-09	3.74E-08
3769	495863.09	3851877.25	4.93E-05	6.03E-05	5.29E-05	1.71E-08	5.16E-08	2.98E-08	3.66E-08	3.31E-08	1.51E-08	1.33E-08	5.70E-10	1.38E-08	3.04E-09	4.96E-09	7.87E-09	1.39E-09	6.96E-09	3.86E-08
3770	496363.09	3851877.25	4.85E-05	5.94E-05	5.21E-05	1.68E-08	5.07E-08	2.94E-08	3.60E-08	3.26E-08	1.49E-08	1.30E-08	5.61E-10	1.36E-08	2.99E-09	4.89E-09	7.75E-09	1.37E-09	6.85E-09	3.80E-08
3771	496863.09	3851877.25	4.73E-05	5.79E-05	5.08E-05	1.64E-08	4.95E-08	2.86E-08	3.51E-08	3.18E-08	1.45E-08	1.27E-08	5.47E-10	1.32E-08	2.92E-09	4.76E-09	7.56E-09	1.33E-09	6.68E-09	3.70E-08
3772	497363.09	3851877.25	4.57E-05	5.60E-05	4.91E-05	1.58E-08	4.78E-08	2.77E-08	3.39E-08	3.07E-08	1.40E-08	1.23E-08	5.29E-10	1.28E-08	2.82E-09	4.60E-09	7.30E-09	1.29E-09	6.45E-09	3.58E-08
3773	497863.09	3851877.25	4.25E-05	5.20E-05	4.56E-05	1.47E-08	4.44E-08	2.57E-08	3.15E-08	2.86E-08	1.30E-08	1.14E-08	4.91E-10	1.19E-08	2.62E-09	4.28E-09	6.79E-09	1.20E-09	6.00E-09	3.32E-08
3774	498363.09	3851877.25	3.95E-05	4.84E-05	4.25E-05	1.37E-08	4.14E-08	2.40E-08	2.93E-08	2.66E-08	1.21E-08	1.06E-08	4.58E-10	1.11E-08	2.44E-09	3.98E-09	6.32E-09	1.11E-09	5.58E-09	3.10E-08
3775	471363.09	3852377.25	1.45E-05	1.78E-05	1.56E-05	5.03E-09	1.52E-08	8.80E-09	1.08E-08	9.77E-09	4.46E-09	3.91E-09	1.68E-10	4.06E-09	8.96E-10	1.46E-09	2.32E-09	4.09E-10	2.05E-09	1.14E-08
3776	471863.09	3852377.25	1.66E-05	2.03E-05	1.78E-05	5.74E-09	1.73E-08	1.00E-08	1.23E-08	1.11E-08	5.08E-09	4.45E-09	1.92E-10	4.63E-09	1.02E-09	1.67E-09	2.65E-09	4.66E-10	2.34E-09	1.30E-08
3777	472363.09	3852377.25	1.80E-05	2.21E-05	1.93E-05	6.24E-09	1.88E-08	1.09E-08	1.34E-08	1.21E-08	5.53E-09	4.84E-09	2.08E-10	5.03E-09	1.11E-09	1.81E-09	2.88E-09	5.07E-10	2.54E-09	1.41E-08
3778	472863.09	3852377.25	1.93E-05	2.36E-05	2.07E-05	6.68E-09	2.02E-08	1.17E-08	1.43E-08	1.30E-08	5.91E-09	5.18E-09	2.23E-10	5.39E-09	1.19E-09	1.94E-09	3.08E-09	5.43E-10	2.72E-09	1.51E-08
3779	473363.09	3852377.25	2.01E-05	2.46E-05	2.16E-05	6.97E-09	2.10E-08	1.22E-08	1.49E-08	1.35E-08	6.17E-09	5.41E-09	2.33E-10	5.62E-09	1.24E-09	2.03E-09	3.21E-09	5.66E-10	2.84E-09	1.57E-08
3780	473863.09	3852377.25	2.06E-05	2.52E-05	2.21E-05	7.13E-09	2.15E-08	1.25E-08	1.53E-08	1.38E-08	6.31E-09	5.54E-09	2.38E-10	5.75E-09	1.27E-09	2.07E-09	3.29E-09	5.79E-10	2.91E-09	1.61E-08
3781	474363.09	3852377.25	2.13E-05	2.61E-05	2.29E-05	7.38E-09	2.23E-08	1.29E-08	1.58E-08	1.43E-08	6.54E-09	5.73E-09	2.47E-10	5.95E-09	1.31E-09	2.15E-09	3.40E-09	6.00E-10	3.01E-09	1.67E-08
3782	474863.09	3852377.25	2.58E-05	3.16E-05	2.77E-05	8.94E-09	2.70E-08	1.56E-08	1.91E-08	1.73E-08	7.91E-09	6.94E-09	2.98E-10	7.21E-09	1.59E-09	2.60E-09	4.12E-09	7.26E-10	3.64E-09	2.02E-08
3783	475363.09	3852377.25	2.69E-05	3.30E-05	2.89E-05	9.34E-09	2.82E-08	1.63E-08	2.00E-08	1.81E-08	8.27E-09	7.25E-09	3.12E-10	7.53E-09	1.66E-09	2.71E-09	4.31E-09	7.59E-10	3.81E-09	2.11E-08
3784	475863.09	3852377.25	2.81E-05	3.44E-05	3.01E-05	9.72E-09	2.94E-08	1.70E-08	2.08E-08	1.89E-08	8.61E-09	7.55E-09	3.25E-10	7.84E-09	1.73E-09	2.83E-09	4.48E-09	7.90E-10	3.96E-09	2.20E-08
3785	476363.09	3852377.25	2.87E-05	3.51E-05	3.08E-05	9.94E-09	3.00E-08	1.74E-08	2.13E-08	1.93E-08	8.80E-09	7.71E-09	3.32E-10	8.02E-09	1.77E-09	2.89E-09	4.58E-09	8.08E-10	4.05E-09	2.24E-08
3786	476863.09	3852377.25	3.04E-05	3.72E-05	3.26E-05	1.05E-08	3.18E-08	1.84E-08	2.25E-08	2.04E-08	9.32E-09	8.17E-09	3.51E-10	8.49E-09	1.87E-09	3.06E-09	4.85E-09	8.56E-10	4.29E-09	2.38E-08
3787	477363.09	3852377.25	3.15E-05	3.86E-05	3.38E-05	1.09E-08	3.30E-08	1.91E-08	2.34E-08	2.12E-08	9.67E-09	8.48E-09	3.65E-10	8.81E-09	1.94E-09	3.17E-09	5.04E-09	8.87E-10	4.45E-09	2.47E-08
3788	477863.09	3852377.25	2.95E-05	3.62E-05	3.17E-05	1.02E-08	3.09E-08	1.79E-08	2.19E-08	1.99E-08	9.07E-09	7.95E-09	3.42E-10	8.26E-09	1.82E-09	2.98E-09	4.72E-09	8.32E-10	4.17E-09	2.31E-08

3789	478363.09	3852377.25	2.90E-05	3.56E-05	3.12E-05	1.01E-08	3.04E-08	1.76E-08	2.15E-08	1.95E-08	8.91E-09	7.81E-09	3.36E-10	8.12E-09	1.79E-09	2.93E-09	4.64E-09	8.18E-10	4.10E-09	2.27E-08
3790	478863.09	3852377.25	3.82E-05	4.68E-05	4.10E-05	1.32E-08	3.99E-08	2.31E-08	2.83E-08	2.57E-08	1.17E-08	1.03E-08	4.42E-10	1.07E-08	2.35E-09	3.85E-09	6.10E-09	1.08E-09	5.39E-09	2.99E-08
3791	479363.09	3852377.25	4.59E-05	5.62E-05	4.93E-05	1.59E-08	4.80E-08	2.78E-08	3.41E-08	3.09E-08	1.41E-08	1.24E-08	5.31E-10	1.28E-08	2.83E-09	4.62E-09	7.34E-09	1.29E-09	6.48E-09	3.59E-08
3792	479863.09	3852377.25	5.55E-05	6.80E-05	5.96E-05	1.92E-08	5.81E-08	3.36E-08	4.12E-08	3.73E-08	1.70E-08	1.49E-08	6.42E-10	1.55E-08	3.42E-09	5.59E-09	8.87E-09	1.56E-09	7.84E-09	4.34E-08
3793	480363.09	3852377.25	6.05E-05	7.42E-05	6.51E-05	2.10E-08	6.34E-08	3.67E-08	4.49E-08	4.07E-08	1.86E-08	1.63E-08	7.01E-10	1.69E-08	3.73E-09	6.10E-09	9.68E-09	1.71E-09	8.56E-09	4.74E-08
3794	480863.09	3852377.25	6.28E-05	7.70E-05	6.75E-05	2.18E-08	6.58E-08	3.81E-08	4.66E-08	4.23E-08	1.93E-08	1.69E-08	7.27E-10	1.76E-08	3.88E-09	6.33E-09	1.00E-08	1.77E-09	8.88E-09	4.92E-08
3795	481363.09	3852377.25	7.11E-05	8.71E-05	7.65E-05	2.46E-08	7.44E-08	4.31E-08	5.28E-08	4.78E-08	2.18E-08	1.92E-08	8.23E-10	1.99E-08	4.39E-09	7.17E-09	1.14E-08	2.00E-09	1.01E-08	5.57E-08
3796	481863.09	3852377.25	8.40E-05	1.03E-04	9.02E-05	2.91E-08	8.79E-08	5.09E-08	6.23E-08	5.65E-08	2.58E-08	2.26E-08	9.72E-10	2.35E-08	5.18E-09	8.46E-09	1.34E-08	2.37E-09	1.19E-08	6.57E-08
3797	482363.09	3852377.25	8.82E-05	1.08E-04	9.48E-05	3.06E-08	9.23E-08	5.35E-08	6.55E-08	5.94E-08	2.71E-08	2.38E-08	1.02E-09	2.47E-08	5.44E-09	8.89E-09	1.41E-08	2.49E-09	1.25E-08	6.91E-08
3798	482863.09	3852377.25	7.96E-05	9.75E-05	8.55E-05	2.76E-08	8.33E-08	4.82E-08	5.91E-08	5.35E-08	2.44E-08	2.14E-08	9.21E-10	2.23E-08	4.91E-09	8.02E-09	1.27E-08	2.24E-09	1.12E-08	6.23E-08
3799	483363.09	3852377.25	5.82E-05	7.13E-05	6.25E-05	2.02E-08	6.09E-08	3.52E-08	4.32E-08	3.91E-08	1.79E-08	1.57E-08	6.73E-10	1.63E-08	3.59E-09	5.86E-09	9.30E-09	1.64E-09	8.22E-09	4.56E-08
3800	483863.09	3852377.25	4.77E-05	5.85E-05	5.13E-05	1.65E-08	4.99E-08	2.89E-08	3.54E-08	3.21E-08	1.47E-08	1.28E-08	5.52E-10	1.33E-08	2.94E-09	4.81E-09	7.63E-09	1.34E-09	6.74E-09	3.74E-08
3801	484363.09	3852377.25	5.25E-05	6.43E-05	5.64E-05	1.82E-08	5.49E-08	3.18E-08	3.89E-08	3.53E-08	1.61E-08	1.41E-08	6.07E-10	1.47E-08	3.24E-09	5.29E-09	8.39E-09	1.48E-09	7.42E-09	4.11E-08
3802	484863.09	3852377.25	5.29E-05	6.48E-05	5.69E-05	1.83E-08	5.53E-08	3.20E-08	3.93E-08	3.56E-08	1.62E-08	1.43E-08	6.12E-10	1.48E-08	3.26E-09	5.33E-09	8.45E-09	1.49E-09	7.48E-09	4.14E-08
3803	485363.09	3852377.25	5.47E-05	6.71E-05	5.89E-05	1.90E-08	5.73E-08	3.32E-08	4.06E-08	3.68E-08	1.68E-08	1.47E-08	6.33E-10	1.53E-08	3.38E-09	5.51E-09	8.75E-09	1.54E-09	7.74E-09	4.29E-08
3804	485863.09	3852377.25	4.96E-05	6.07E-05	5.33E-05	1.72E-08	5.19E-08	3.00E-08	3.68E-08	3.33E-08	1.52E-08	1.34E-08	5.74E-10	1.39E-08	3.06E-09	4.99E-09	7.92E-09	1.40E-09	7.01E-09	3.88E-08
3805	486363.09	3852377.25	4.15E-05	5.08E-05	4.46E-05	1.44E-08	4.34E-08	2.51E-08	3.08E-08	2.79E-08	1.27E-08	1.12E-08	4.80E-10	1.16E-08	2.56E-09	4.18E-09	6.63E-09	1.17E-09	5.86E-09	3.25E-08
3806	486863.09	3852377.25	3.91E-05	4.79E-05	4.20E-05	1.35E-08	4.09E-08	2.37E-08	2.90E-08	2.63E-08	1.20E-08	1.05E-08	4.52E-10	1.09E-08	2.41E-09	3.94E-09	6.25E-09	1.10E-09	5.52E-09	3.06E-08
3807	487363.09	3852377.25	3.60E-05	4.41E-05	3.87E-05	1.25E-08	3.76E-08	2.18E-08	2.67E-08	2.42E-08	1.10E-08	9.69E-09	4.16E-10	1.01E-08	2.22E-09	3.62E-09	5.75E-09	1.01E-09	5.08E-09	2.82E-08
3808	487863.09	3852377.25	3.44E-05	4.21E-05	3.69E-05	1.19E-08	3.60E-08	2.08E-08	2.55E-08	2.31E-08	1.06E-08	9.25E-09	3.98E-10	9.61E-09	2.12E-09	3.46E-09	5.49E-09	9.68E-10	4.86E-09	2.69E-08
3809	488363.09	3852377.25	3.37E-05	4.13E-05	3.62E-05	1.17E-08	3.52E-08	2.04E-08	2.50E-08	2.27E-08	1.03E-08	9.06E-09	3.90E-10	9.41E-09	2.08E-09	3.39E-09	5.38E-09	9.49E-10	4.75E-09	2.64E-08
3810	488863.09	3852377.25	3.27E-05	4.00E-05	3.51E-05	1.13E-08	3.42E-08	1.98E-08	2.43E-08	2.20E-08	1.00E-08	8.79E-09	3.78E-10	9.14E-09	2.02E-09	3.29E-09	5.22E-09	9.21E-10	4.61E-09	2.56E-08
3811	489363.09	3852377.25	3.28E-05	4.02E-05	3.52E-05	1.14E-08	3.43E-08	1.99E-08	2.43E-08	2.20E-08	1.01E-08	8.82E-09	3.79E-10	9.16E-09	2.02E-09	3.30E-09	5.24E-09	9.23E-10	4.63E-09	2.57E-08
3812	489863.09	3852377.25	3.15E-05	3.86E-05	3.38E-05	1.09E-08	3.30E-08	1.91E-08	2.34E-08	2.12E-08	9.68E-09	8.48E-09	3.65E-10	8.81E-09	1.94E-09	3.18E-09	5.04E-09	8.88E-10	4.45E-09	2.47E-08
3813	490363.09	3852377.25	3.63E-05	4.45E-05	3.89E-05	1.26E-08	3.80E-08	2.20E-08	2.69E-08	2.44E-08	1.11E-08	9.76E-09	4.20E-10	1.01E-08	2.24E-09	3.66E-09	5.80E-09	1.02E-09	5.12E-09	2.84E-08
3814	490863.09	3852377.25	4.01E-05	4.91E-05	4.30E-05	1.39E-08	4.20E-08	2.43E-08	2.98E-08	2.70E-08	1.23E-08	1.08E-08	4.64E-10	1.12E-08	2.47E-09	4.04E-09	6.41E-09	1.13E-09	5.66E-09	3.14E-08
3815	491363.09	3852377.25	4.81E-05	5.89E-05	5.16E-05	1.67E-08	5.03E-08	2.91E-08	3.57E-08	3.24E-08	1.48E-08	1.29E-08	5.57E-10	1.34E-08	2.97E-09	4.85E-09	7.69E-09	1.35E-09	6.79E-09	3.76E-08
3816	491863.09	3852377.25	5.00E-05	6.12E-05	5.37E-05	1.73E-08	5.23E-08	3.03E-08	3.71E-08	3.36E-08	1.53E-08	1.34E-08	5.79E-10	1.40E-08	3.08E-09	5.04E-09	7.99E-09	1.41E-09	7.06E-09	3.91E-08
3817	492363.09	3852377.25	5.09E-05	6.24E-05	5.47E-05	1.77E-08	5.33E-08	3.09E-08	3.78E-08	3.43E-08	1.56E-08	1.37E-08	5.90E-10	1.42E-08	3.14E-09	5.13E-09	8.14E-09	1.43E-09	7.19E-09	3.99E-08
3818	492863.09	3852377.25	5.46E-05	6.68E-05	5.86E-05	1.89E-08	5.71E-08	3.31E-08	4.05E-08	3.67E-08	1.67E-08	1.47E-08	6.32E-10	1.53E-08	3.37E-09	5.50E-09	8.72E-09	1.54E-09	7.71E-09	4.27E-08
3819	493363.09	3852377.25	6.08E-05	7.44E-05	6.52E-05	2.11E-08	6.36E-08	3.68E-08	4.51E-08	4.09E-08	1.86E-08	1.63E-08	7.03E-10	1.70E-08	3.75E-09	6.12E-09	9.71E-09	1.71E-09	8.58E-09	4.76E-08
3820	493863.09	3852377.25	6.01E-05	7.36E-05	6.45E-05	2.08E-08	6.29E-08	3.64E-08	4.46E-08	4.04E-08	1.84E-08	1.62E-08	6.95E-10	1.68E-08	3.71E-09	6.05E-09	9.60E-09	1.69E-09	8.48E-09	4.70E-08
3821	494363.09	3852377.25	5.94E-05	7.28E-05	6.38E-05	2.06E-08	6.22E-08	3.60E-08	4.41E-08	4.00E-08	1.82E-08	1.60E-08	6.87E-10	1.66E-08	3.66E-09	5.98E-09	9.49E-09	1.67E-09	8.39E-09	4.65E-08
3822	494863.09	3852377.25	6.23E-05	7.63E-05	6.69E-05	2.16E-08	6.52E-08	3.77E-08	4.62E-08	4.19E-08	1.91E-08	1.68E-08	7.21E-10	1.74E-08	3.84E-09	6.28E-09	9.96E-09	1.75E-09	8.80E-09	4.88E-08
3823	495363.09	3852377.25	6.51E-05	7.97E-05	6.99E-05	2.26E-08	6.81E-08	3.94E-08	4.83E-08	4.38E-08	2.00E-08	1.75E-08	7.53E-10	1.82E-08	4.01E-09	6.56E-09	1.04E-08	1.83E-09	9.19E-09	5.09E-08
3824	495863.09	3852377.25	6.23E-05	7.64E-05	6.69E-05	2.16E-08	6.52E-08	3.78E-08	4.63E-08	4.19E-08	1.91E-08	1.68E-08	7.21E-10	1.74E-08	3.85E-09	6.28E-09	9.96E-09	1.76E-09	8.80E-09	4.88E-08
3825	496363.09	3852377.25	5.94E-05	7.27E-05	6.38E-05	2.06E-08	6.21E-08	3.60E-08	4.41E-08	3.99E-08	1.82E-08	1.60E-08	6.87E-10	1.66E-08	3.66E-09	5.98E-09	9.49E-09	1.67E-09	8.38E-09	4.65E-08
3826	496863.09	3852377.25	5.73E-05	7.02E-05	6.16E-05	1.99E-08	6.00E-08	3.47E-08	4.25E-08	3.86E-08	1.76E-08	1.54E-08	6.63E-10	1.60E-08	3.54E-09	5.78E-09	9.16E-09	1.61E-09	8.10E-09	4.49E-08
3827	497363.09	3852377.25	5.19E-05	6.36E-05	5.58E-05	1.80E-08	5.43E-08	3.15E-08	3.85E-08	3.49E-08	1.59E-08	1.40E-08	6.01E-10	1.45E-08	3.20E-09	5.23E-09	8.30E-09	1.46E-09	7.33E-09	4.06E-08
3828	497863.09	3852377.25	4.67E-05	5.72E-05	5.01E-05	1.62E-08	4.88E-08	2.83E-08	3.46E-08	3.14E-08	1.43E-08	1.26E-08	5.40E-10	1.30E-08	2.88E-09	4.70E-09	7.46E-09	1.31E-09	6.59E-09	3.65E-08
3829	498363.09	3852377.25	4.20E-05	5.15E-05	4.51E-05	1.46E-08	4.40E-08	2.54E-08	3.12E-08	2.83E-08	1.29E-08	1.13E-08	4.86E-10	1.17E-08	2.59E-09	4.23E-09	6.71E-09	1.18E-09	5.93E-09	3.29E-08
3830	471363.09	3852877.25	1.50E-05	1.83E-05	1.61E-05	5.18E-09	1.56E-08	9.06E-09	1.11E-08	1.01E-08	4.59E-09	4.02E-09	1.73E-10	4.18E-09	9.22E-10	1.51E-09	2.39E-09	4.21E-10	2.11E-09	1.17E-08
3831	471863.09	3852877.25	1.66E-05	2.03E-05	1.78E-05	5.75E-09	1.73E-08	1.00E-08	1.23E-08	1.12E-08	5.09E-09	4.46E-09	1.92E-10	4.63E-09	1.02E-09	1.67E-09	2.65E-09	4.67E-10	2.34E-09	1.30E-08
3832	472363.09	3852877.25	1.83E-05	2.24E-05	1.96E-05	6.33E-09	1.91E-08	1.11E-08	1.36E-08	1.23E-08	5.61E-09	4.91E-09	2.11E-10	5.11E-09	1.13E-09	1.84E-09	2.92E-09	5.14E-10	2.58E-09	1.43E-08
3833	472863.09	3852877.25	1.98E-05	2.43E-05	2.13E-05	6.88E-09	2.08E-08	1.20E-08	1.47E-08	1.33E-08	6.09E-09	5.34E-09	2.30E-10	5.55E-09	1.22E-09	2.00E-09	3.17E-09	5.59E-10	2.80E-09	1.55E-08
3834	473363.09	3852877.25	2.16E-05	2.65E-05	2.32E-05	7.49E-09	2.26E-08	1.31E-08	1.60E-08	1.45E-08	6.64E-09	5.82E-09	2.50E-10	6.05E-09	1.33E-09	2.18E-09	3.46E-09	6.09E-10	3.05E-09	1.69E-08
3835	473863.09	3852877.25	2.38E-05	2.91E-05	2.55E-05	8.23E-09	2.49E-08	1.44E-08	1.76E-08	1.60E-08	7.29E-09	6.39E-09	2.75E-10	6.64E-09	1.47E-09	2.39E-09	3.80E-09	6.69E-10	3.35E-09	1.86E-08
3836	474363.09	3852877.25	2.59E-05	3.18E-05	2.78E-05	8.99E-09	2.71E-08	1.57E-08	1.92E-08	1.74E-08	7.96E-09	6.98E-09	3.00E-10	7.25E-09	1.60E-09	2.61E-09	4.14E-09	7.31E-10	3.66E-09	2.03E-08
3837	474863.09	3852877.25	2.54E-05	3.11E-05	2.73E-05	8.80E-09	2.66E-08	1.54E-08	1.89E-08	1.71E-08	7.80E-09	6.83E-09	2.94E-10	7.10E-09	1.57E-09	2.56E-09	4.06E-09	7.16E-10	3.59E-09	1.99E-08
3838	475363.09	3852877.25	2.78E-05	3.41E-05	2.99E-05	9.65E-09	2.91E-08	1.69E-08	2.07E-08	1.87E-08	8.54E-09	7.49E-09	3.22E-10	7.78E-09	1.72E-09	2.80E-09	4.45E-09	7.84E-10	3.93E-09	2.18E-08
3839	475863.09	3852877.25	2.90E-05	3.55E-05	3.12E-05	1.01E-08	3.04E-08	1.76E-08	2.15E-08	1.95E-08	8.90E-09	7.81E-09	3.36E-10	8.11E-09	1.79E-09	2.92E-09	4.64E-09	8.17E-10	4.10E-09	2.27E-08
3840	476363.09	3852877.25	2.83E-05	3.47E-05	3.04E-05	9.81E-09	2.96E-08	1.71E-08	2.10E-08	1.90E-08	8.69E-09	7.62E-09	3.27E-10	7.91E-09	1.75E-09	2.85E-09	4.52E-09	7.97E-10	4.00E-09	2.22E-08
3841	476863.09	3852877.25	2.59E-05	3.17E-05	2.78E-05	8.97E-09	2.71E-08	1.57E-08	1.92E-08	1.74E-08	7.95E-09	6.97E-09	3.00E-10	7.24E-09	1.60E-09	2.61E-09	4.14E-09	7.29E-10	3.66E-09	2.03E-08
3842	477363.09	3852877.25	2.42E-05	2.96E-05	2.60E-05	8.39E-09	2.53E-08	1.47E-08	1.80E-08	1.63E-08	7.43E-09	6.51E-09	2.80E-10	6.77E-09	1.49E-09	2.44E-09	3.87E-09	6.82E-10	3.42E-09	1.89E-08
3843	477863.09	3852877.25	2.21E-05	2.71E-05	2.38E-05	7.67E-09	2.32E-08	1.34E-08	1.64E-08	1.49E-08	6.80E-09	5.96E-09	2.56E-10	6.19E-09	1.37E-09	2.23E-09	3.54E-09	6.24E-10	3.13E-09	1.73E-08

3844	478363.09	3852877.25	1.73E-05	2.12E-05	1.86E-05	5.99E-09	1.81E-08	1.05E-08	1.28E-08	1.16E-08	5.31E-09	4.65E-09	2.00E-10	4.83E-09	1.07E-09	1.74E-09	2.76E-09	4.87E-10	2.44E-09	1.35E-08
3845	478863.09	3852877.25	2.12E-05	2.60E-05	2.28E-05	7.35E-09	2.22E-08	1.28E-08	1.57E-08	1.43E-08	6.51E-09	5.70E-09	2.45E-10	5.93E-09	1.31E-09	2.14E-09	3.39E-09	5.97E-10	2.99E-09	1.66E-08
3846	479363.09	3852877.25	3.06E-05	3.75E-05	3.29E-05	1.06E-08	3.20E-08	1.85E-08	2.27E-08	2.06E-08	9.39E-09	8.23E-09	3.54E-10	8.55E-09	1.89E-09	3.08E-09	4.89E-09	8.62E-10	4.32E-09	2.40E-08
3847	479863.09	3852877.25	5.37E-05	6.58E-05	5.77E-05	1.86E-08	5.62E-08	3.25E-08	3.99E-08	3.61E-08	1.65E-08	1.45E-08	6.22E-10	1.50E-08	3.31E-09	5.41E-09	8.59E-09	1.51E-09	7.59E-09	4.21E-08
3848	480363.09	3852877.25	7.14E-05	8.74E-05	7.67E-05	2.47E-08	7.47E-08	4.32E-08	5.29E-08	4.80E-08	2.19E-08	1.92E-08	8.26E-10	1.99E-08	4.40E-09	7.19E-09	1.14E-08	2.01E-09	1.01E-08	5.59E-08
3849	480863.09	3852877.25	7.96E-05	9.75E-05	8.55E-05	2.76E-08	8.33E-08	4.82E-08	5.91E-08	5.35E-08	2.44E-08	2.14E-08	9.21E-10	2.23E-08	4.91E-09	8.02E-09	1.27E-08	2.24E-09	1.12E-08	6.23E-08
3850	481363.09	3852877.25	8.43E-05	1.03E-04	9.06E-05	2.92E-08	8.82E-08	5.11E-08	6.26E-08	5.67E-08	2.59E-08	2.27E-08	9.76E-10	2.36E-08	5.20E-09	8.49E-09	1.35E-08	2.37E-09	1.19E-08	6.60E-08
3851	481863.09	3852877.25	9.67E-05	1.19E-04	1.04E-04	3.35E-08	1.01E-07	5.86E-08	7.18E-08	6.51E-08	2.97E-08	2.61E-08	1.12E-09	2.70E-08	5.97E-09	9.75E-09	1.55E-08	2.73E-09	1.37E-08	7.57E-08
3852	482363.09	3852877.25	1.14E-04	1.40E-04	1.23E-04	3.96E-08	1.20E-07	6.92E-08	8.48E-08	7.69E-08	3.51E-08	3.08E-08	1.32E-09	3.19E-08	7.05E-09	1.15E-08	1.83E-08	3.22E-09	1.61E-08	8.94E-08
3853	482863.09	3852877.25	1.23E-04	1.50E-04	1.32E-04	4.25E-08	1.28E-07	7.42E-08	9.09E-08	8.24E-08	3.76E-08	3.30E-08	1.42E-09	3.43E-08	7.56E-09	1.23E-08	1.96E-08	3.45E-09	1.73E-08	9.59E-08
3854	483363.09	3852877.25	1.05E-04	1.29E-04	1.13E-04	3.64E-08	1.10E-07	6.36E-08	7.80E-08	7.07E-08	3.23E-08	2.83E-08	1.22E-09	2.94E-08	6.48E-09	1.06E-08	1.68E-08	2.96E-09	1.49E-08	8.23E-08
3855	483863.09	3852877.25	7.69E-05	9.42E-05	8.26E-05	2.66E-08	8.05E-08	4.66E-08	5.71E-08	5.17E-08	2.36E-08	2.07E-08	8.90E-10	2.15E-08	4.74E-09	7.75E-09	1.23E-08	2.17E-09	1.09E-08	6.02E-08
3856	484363.09	3852877.25	8.65E-05	1.06E-04	9.31E-05	3.00E-08	9.06E-08	5.24E-08	6.42E-08	5.82E-08	2.66E-08	2.33E-08	1.00E-09	2.42E-08	5.34E-09	8.72E-09	1.38E-08	2.44E-09	1.22E-08	6.78E-08
3857	484863.09	3852877.25	8.91E-05	1.09E-04	9.58E-05	3.09E-08	9.32E-08	5.40E-08	6.61E-08	5.99E-08	2.73E-08	2.40E-08	1.03E-09	2.49E-08	5.49E-09	8.98E-09	1.42E-08	2.51E-09	1.26E-08	6.98E-08
3858	485363.09	3852877.25	6.44E-05	7.90E-05	6.93E-05	2.23E-08	6.74E-08	3.90E-08	4.78E-08	4.34E-08	1.98E-08	1.74E-08	7.46E-10	1.80E-08	3.98E-09	6.49E-09	1.03E-08	1.82E-09	9.12E-09	5.05E-08
3859	485863.09	3852877.25	5.76E-05	7.06E-05	6.20E-05	2.00E-08	6.03E-08	3.49E-08	4.28E-08	3.88E-08	1.77E-08	1.55E-08	6.67E-10	1.61E-08	3.56E-09	5.81E-09	9.21E-09	1.62E-09	8.15E-09	4.51E-08
3860	486363.09	3852877.25	5.04E-05	6.18E-05	5.42E-05	1.75E-08	5.28E-08	3.05E-08	3.74E-08	3.39E-08	1.55E-08	1.36E-08	5.84E-10	1.41E-08	3.11E-09	5.08E-09	8.06E-09	1.42E-09	7.13E-09	3.95E-08
3861	486863.09	3852877.25	4.94E-05	6.05E-05	5.31E-05	1.71E-08	5.17E-08	2.99E-08	3.67E-08	3.32E-08	1.52E-08	1.33E-08	5.72E-10	1.38E-08	3.05E-09	4.98E-09	7.90E-09	1.39E-09	6.98E-09	3.87E-08
3862	487363.09	3852877.25	4.73E-05	5.79E-05	5.08E-05	1.64E-08	4.95E-08	2.86E-08	3.51E-08	3.18E-08	1.45E-08	1.27E-08	5.47E-10	1.32E-08	2.92E-09	4.76E-09	7.56E-09	1.33E-09	6.68E-09	3.70E-08
3863	487863.09	3852877.25	4.70E-05	5.76E-05	5.05E-05	1.63E-08	4.92E-08	2.85E-08	3.49E-08	3.17E-08	1.44E-08	1.27E-08	5.44E-10	1.32E-08	2.90E-09	4.74E-09	7.52E-09	1.33E-09	6.64E-09	3.68E-08
3864	488363.09	3852877.25	3.71E-05	4.54E-05	3.98E-05	1.28E-08	3.88E-08	2.25E-08	2.75E-08	2.49E-08	1.14E-08	9.97E-09	4.29E-10	1.04E-08	2.29E-09	3.74E-09	5.93E-09	1.04E-09	5.23E-09	2.90E-08
3865	488863.09	3852877.25	4.23E-05	5.19E-05	4.54E-05	1.47E-08	4.43E-08	2.56E-08	3.14E-08	2.85E-08	1.30E-08	1.14E-08	4.90E-10	1.18E-08	2.61E-09	4.27E-09	6.77E-09	1.19E-09	5.97E-09	3.31E-08
3866	489363.09	3852877.25	4.52E-05	5.54E-05	4.85E-05	1.57E-08	4.73E-08	2.74E-08	3.35E-08	3.04E-08	1.39E-08	1.22E-08	5.23E-10	1.26E-08	2.79E-09	4.55E-09	7.22E-09	1.27E-09	6.38E-09	3.54E-08
3867	489863.09	3852877.25	4.75E-05	5.82E-05	5.09E-05	1.65E-08	4.97E-08	2.88E-08	3.52E-08	3.19E-08	1.46E-08	1.28E-08	5.49E-10	1.33E-08	2.93E-09	4.78E-09	7.59E-09	1.34E-09	6.70E-09	3.72E-08
3868	490363.09	3852877.25	6.14E-05	7.52E-05	6.59E-05	2.13E-08	6.42E-08	3.72E-08	4.55E-08	4.13E-08	1.88E-08	1.65E-08	7.10E-10	1.72E-08	3.79E-09	6.18E-09	9.81E-09	1.73E-09	8.66E-09	4.80E-08
3869	490863.09	3852877.25	6.80E-05	8.34E-05	7.30E-05	2.36E-08	7.12E-08	4.12E-08	5.05E-08	4.58E-08	2.09E-08	1.83E-08	7.88E-10	1.90E-08	4.20E-09	6.86E-09	1.09E-08	1.92E-09	9.60E-09	5.33E-08
3870	491363.09	3852877.25	7.35E-05	9.00E-05	7.89E-05	2.55E-08	7.69E-08	4.45E-08	5.45E-08	4.94E-08	2.26E-08	1.98E-08	8.50E-10	2.05E-08	4.53E-09	7.40E-09	1.17E-08	2.07E-09	1.04E-08	5.75E-08
3871	491863.09	3852877.25	7.52E-05	9.21E-05	8.07E-05	2.61E-08	7.87E-08	4.55E-08	5.58E-08	5.06E-08	2.31E-08	2.02E-08	8.70E-10	2.10E-08	4.64E-09	7.57E-09	1.20E-08	2.12E-09	1.06E-08	5.88E-08
3872	492363.09	3852877.25	7.75E-05	9.50E-05	8.33E-05	2.69E-08	8.11E-08	4.70E-08	5.75E-08	5.22E-08	2.38E-08	2.09E-08	8.97E-10	2.17E-08	4.78E-09	7.81E-09	1.24E-08	2.18E-09	1.09E-08	6.07E-08
3873	492863.09	3852877.25	8.32E-05	1.02E-04	8.93E-05	2.88E-08	8.70E-08	5.04E-08	6.17E-08	5.60E-08	2.55E-08	2.24E-08	9.63E-10	2.33E-08	5.13E-09	8.38E-09	1.33E-08	2.34E-09	1.17E-08	6.51E-08
3874	493363.09	3852877.25	8.63E-05	1.06E-04	9.27E-05	2.99E-08	9.03E-08	5.23E-08	6.40E-08	5.80E-08	2.65E-08	2.32E-08	9.99E-10	2.41E-08	5.32E-09	8.69E-09	1.38E-08	2.43E-09	1.22E-08	6.75E-08
3875	493863.09	3852877.25	8.46E-05	1.04E-04	9.09E-05	2.93E-08	8.85E-08	5.13E-08	6.28E-08	5.69E-08	2.60E-08	2.28E-08	9.79E-10	2.37E-08	5.22E-09	8.52E-09	1.35E-08	2.38E-09	1.19E-08	6.62E-08
3876	494363.09	3852877.25	8.34E-05	1.02E-04	8.96E-05	2.89E-08	8.73E-08	5.05E-08	6.19E-08	5.61E-08	2.56E-08	2.24E-08	9.65E-10	2.33E-08	5.15E-09	8.41E-09	1.33E-08	2.35E-09	1.18E-08	6.53E-08
3877	494863.09	3852877.25	8.36E-05	1.02E-04	8.98E-05	2.90E-08	8.75E-08	5.07E-08	6.20E-08	5.62E-08	2.57E-08	2.25E-08	9.68E-10	2.34E-08	5.16E-09	8.42E-09	1.34E-08	2.36E-09	1.18E-08	6.54E-08
3878	495363.09	3852877.25	7.87E-05	9.65E-05	8.46E-05	2.73E-08	8.24E-08	4.77E-08	5.84E-08	5.30E-08	2.42E-08	2.12E-08	9.11E-10	2.20E-08	4.86E-09	7.93E-09	1.26E-08	2.22E-09	1.11E-08	6.16E-08
3879	495863.09	3852877.25	7.40E-05	9.07E-05	7.95E-05	2.57E-08	7.75E-08	4.48E-08	5.49E-08	4.98E-08	2.27E-08	1.99E-08	8.57E-10	2.07E-08	4.57E-09	7.46E-09	1.18E-08	2.09E-09	1.05E-08	5.79E-08
3880	496363.09	3852877.25	7.22E-05	8.84E-05	7.75E-05	2.50E-08	7.55E-08	4.37E-08	5.36E-08	4.86E-08	2.22E-08	1.94E-08	8.35E-10	2.02E-08	4.45E-09	7.27E-09	1.15E-08	2.03E-09	1.02E-08	5.65E-08
3881	496863.09	3852877.25	6.85E-05	8.39E-05	7.36E-05	2.37E-08	7.17E-08	4.15E-08	5.08E-08	4.61E-08	2.10E-08	1.84E-08	7.93E-10	1.92E-08	4.23E-09	6.90E-09	1.10E-08	1.93E-09	9.68E-09	5.36E-08
3882	497363.09	3852877.25	5.87E-05	7.19E-05	6.31E-05	2.04E-08	6.14E-08	3.56E-08	4.36E-08	3.95E-08	1.80E-08	1.58E-08	6.80E-10	1.64E-08	3.62E-09	5.92E-09	9.38E-09	1.65E-09	8.29E-09	4.60E-08
3883	497863.09	3852877.25	4.46E-05	5.47E-05	4.79E-05	1.55E-08	4.67E-08	2.70E-08	3.31E-08	3.00E-08	1.37E-08	1.20E-08	5.16E-10	1.25E-08	2.75E-09	4.50E-09	7.13E-09	1.26E-09	6.30E-09	3.49E-08
3884	498363.09	3852877.25	4.18E-05	5.12E-05	4.49E-05	1.45E-08	4.37E-08	2.53E-08	3.10E-08	2.81E-08	1.28E-08	1.12E-08	4.83E-10	1.17E-08	2.58E-09	4.21E-09	6.68E-09	1.18E-09	5.90E-09	3.27E-08
3885	471363.09	3853377.25	1.56E-05	1.92E-05	1.68E-05	5.42E-09	1.64E-08	9.47E-09	1.16E-08	1.05E-08	4.80E-09	4.21E-09	1.81E-10	4.37E-09	9.65E-10	1.58E-09	2.50E-09	4.40E-10	2.21E-09	1.22E-08
3886	471863.09	3853377.25	1.70E-05	2.09E-05	1.83E-05	5.91E-09	1.78E-08	1.03E-08	1.26E-08	1.15E-08	5.23E-09	4.59E-09	1.97E-10	4.76E-09	1.05E-09	1.72E-09	2.72E-09	4.80E-10	2.41E-09	1.33E-08
3887	472363.09	3853377.25	1.85E-05	2.26E-05	1.98E-05	6.39E-09	1.93E-08	1.12E-08	1.37E-08	1.24E-08	5.66E-09	4.97E-09	2.14E-10	5.16E-09	1.14E-09	1.86E-09	2.95E-09	5.20E-10	2.61E-09	1.44E-08
3888	472863.09	3853377.25	2.00E-05	2.45E-05	2.15E-05	6.92E-09	2.09E-08	1.21E-08	1.48E-08	1.34E-08	6.13E-09	5.38E-09	2.31E-10	5.58E-09	1.23E-09	2.01E-09	3.19E-09	5.63E-10	2.82E-09	1.56E-08
3889	473363.09	3853377.25	2.13E-05	2.61E-05	2.29E-05	7.38E-09	2.23E-08	1.29E-08	1.58E-08	1.43E-08	6.54E-09	5.73E-09	2.47E-10	5.96E-09	1.31E-09	2.15E-09	3.40E-09	6.00E-10	3.01E-09	1.67E-08
3890	473863.09	3853377.25	2.29E-05	2.80E-05	2.46E-05	7.94E-09	2.40E-08	1.39E-08	1.70E-08	1.54E-08	7.03E-09	6.16E-09	2.65E-10	6.40E-09	1.41E-09	2.31E-09	3.66E-09	6.45E-10	3.23E-09	1.79E-08
3891	474363.09	3853377.25	2.45E-05	3.01E-05	2.64E-05	8.51E-09	2.57E-08	1.49E-08	1.82E-08	1.65E-08	7.53E-09	6.60E-09	2.84E-10	6.86E-09	1.51E-09	2.47E-09	3.92E-09	6.91E-10	3.47E-09	1.92E-08
3892	474863.09	3853377.25	2.50E-05	3.06E-05	2.68E-05	8.66E-09	2.62E-08	1.51E-08	1.85E-08	1.68E-08	7.67E-09	6.72E-09	2.89E-10	6.99E-09	1.54E-09	2.52E-09	3.99E-09	7.04E-10	3.53E-09	1.96E-08
3893	475363.09	3853377.25	2.59E-05	3.18E-05	2.79E-05	8.99E-09	2.71E-08	1.57E-08	1.93E-08	1.75E-08	7.96E-09	6.98E-09	3.00E-10	7.25E-09	1.60E-09	2.61E-09	4.15E-09	7.31E-10	3.66E-09	2.03E-08
3894	475863.09	3853377.25	2.67E-05	3.28E-05	2.87E-05	9.27E-09	2.80E-08	1.62E-08	1.98E-08	1.80E-08	8.21E-09	7.19E-09	3.10E-10	7.48E-09	1.65E-09	2.69E-09	4.27E-09	7.53E-10	3.78E-09	2.09E-08
3895	476363.09	3853377.25	2.55E-05	3.13E-05	2.74E-05	8.85E-09	2.67E-08	1.55E-08	1.89E-08	1.72E-08	7.83E-09	6.87E-09	2.95E-10	7.14E-09	1.57E-09	2.57E-09	4.08E-09	7.19E-10	3.60E-09	2.00E-08
3896	476863.09	3853377.25	2.20E-05	2.69E-05	2.36E-05	7.62E-09	2.30E-08	1.33E-08	1.63E-08	1.48E-08	6.75E-09	5.92E-09	2.54E-10	6.15E-09	1.36E-09	2.21E-09	3.51E-09	6.19E-10	3.10E-09	1.72E-08
3897	477363.09	3853377.25	2.15E-05	2.64E-05	2.31E-05	7.46E-09	2.25E-08	1.30E-08	1.60E-08	1.45E-08	6.61E-09	5.79E-09	2.49E-10	6.02E-09	1.33E-09	2.17E-09	3.44E-09	6.06E-10	3.04E-09	1.69E-08
3898	477863.09	3853377.25	2.20E-05	2.70E-05	2.36E-05	7.63E-09	2.30E-08	1.33E-08	1.63E-08	1.48E-08	6.75E-09	5.92E-09	2.55E-10	6.15E-09	1.36E-09	2.22E-09	3.52E-09	6.20E-10	3.11E-09	1.72E-08

3899	478363.09	3853377.25	1.87E-05	2.29E-05	2.00E-05	6.47E-09	1.95E-08	1.13E-08	1.38E-08	1.26E-08	5.73E-09	5.02E-09	2.16E-10	5.22E-09	1.15E-09	1.88E-09	2.98E-09	5.26E-10	2.64E-09	1.46E-08
3900	478863.09	3853377.25	1.45E-05	1.77E-05	1.55E-05	5.01E-09	1.51E-08	8.75E-09	1.07E-08	9.72E-09	4.44E-09	3.89E-09	1.67E-10	4.04E-09	8.91E-10	1.46E-09	2.31E-09	4.07E-10	2.04E-09	1.13E-08
3901	479363.09	3853377.25	2.60E-05	3.18E-05	2.79E-05	8.99E-09	2.72E-08	1.57E-08	1.93E-08	1.75E-08	7.97E-09	6.98E-09	3.00E-10	7.25E-09	1.60E-09	2.61E-09	4.15E-09	7.31E-10	3.66E-09	2.03E-08
3902	479863.09	3853377.25	4.28E-05	5.24E-05	4.59E-05	1.48E-08	4.48E-08	2.59E-08	3.18E-08	2.88E-08	1.31E-08	1.15E-08	4.95E-10	1.20E-08	2.64E-09	4.31E-09	6.84E-09	1.21E-09	6.04E-09	3.35E-08
3903	480363.09	3853377.25	7.03E-05	8.61E-05	7.55E-05	2.43E-08	7.35E-08	4.26E-08	5.21E-08	4.73E-08	2.16E-08	1.89E-08	8.13E-10	1.96E-08	4.33E-09	7.08E-09	1.12E-08	1.98E-09	9.92E-09	5.50E-08
3904	480863.09	3853377.25	7.65E-05	9.38E-05	8.22E-05	2.65E-08	8.01E-08	4.64E-08	5.68E-08	5.15E-08	2.35E-08	2.06E-08	8.86E-10	2.14E-08	4.72E-09	7.71E-09	1.22E-08	2.16E-09	1.08E-08	5.99E-08
3905	481363.09	3853377.25	1.08E-04	1.33E-04	1.17E-04	3.76E-08	1.13E-07	6.57E-08	8.05E-08	7.30E-08	3.33E-08	2.92E-08	1.26E-09	3.03E-08	6.69E-09	1.09E-08	1.73E-08	3.06E-09	1.53E-08	8.49E-08
3906	481863.09	3853377.25	1.29E-04	1.58E-04	1.38E-04	4.46E-08	1.35E-07	7.80E-08	9.56E-08	8.66E-08	3.95E-08	3.47E-08	1.49E-09	3.60E-08	7.94E-09	1.30E-08	2.06E-08	3.63E-09	1.82E-08	1.01E-07
3907	482363.09	3853377.25	1.65E-04	2.02E-04	1.77E-04	5.70E-08	1.72E-07	9.97E-08	1.22E-07	1.11E-07	5.05E-08	4.44E-08	1.90E-09	4.60E-08	1.01E-08	1.66E-08	2.63E-08	4.63E-09	2.33E-08	1.29E-07
3908	482863.09	3853377.25	2.02E-04	2.47E-04	2.17E-04	6.99E-08	2.11E-07	1.22E-07	1.50E-07	1.36E-07	6.19E-08	5.43E-08	2.33E-09	5.63E-08	1.24E-08	2.03E-08	3.22E-08	5.68E-09	2.85E-08	1.58E-07
3909	483363.09	3853377.25	2.12E-04	2.60E-04	2.28E-04	7.36E-08	2.22E-07	1.29E-07	1.58E-07	1.43E-07	6.52E-08	5.72E-08	2.46E-09	5.94E-08	1.31E-08	2.14E-08	3.39E-08	5.98E-09	3.00E-08	1.66E-07
3910	483863.09	3853377.25	1.93E-04	2.36E-04	2.07E-04	6.68E-08	2.02E-07	1.17E-07	1.43E-07	1.30E-07	5.92E-08	5.20E-08	2.23E-09	5.39E-08	1.19E-08	1.94E-08	3.08E-08	5.43E-09	2.73E-08	1.51E-07
3911	484363.09	3853377.25	1.81E-04	2.22E-04	1.95E-04	6.29E-08	1.90E-07	1.10E-07	1.35E-07	1.22E-07	5.57E-08	4.89E-08	2.10E-09	5.07E-08	1.12E-08	1.83E-08	2.90E-08	5.11E-09	2.57E-08	1.42E-07
3912	484863.09	3853377.25	1.38E-04	1.70E-04	1.49E-04	4.80E-08	1.45E-07	8.39E-08	1.03E-07	9.31E-08	4.25E-08	3.73E-08	1.60E-09	3.87E-08	8.54E-09	1.40E-08	2.21E-08	3.90E-09	1.96E-08	1.08E-07
3913	485363.09	3853377.25	8.62E-05	1.06E-04	9.28E-05	2.99E-08	9.02E-08	5.22E-08	6.40E-08	5.80E-08	2.65E-08	2.33E-08	9.98E-10	2.41E-08	5.32E-09	8.69E-09	1.38E-08	2.43E-09	1.22E-08	6.75E-08
3914	485863.09	3853377.25	6.34E-05	7.77E-05	6.82E-05	2.20E-08	6.64E-08	3.84E-08	4.71E-08	4.27E-08	1.95E-08	1.71E-08	7.34E-10	1.77E-08	3.91E-09	6.39E-09	1.01E-08	1.79E-09	8.97E-09	4.97E-08
3915	486363.09	3853377.25	6.81E-05	8.34E-05	7.32E-05	2.36E-08	7.13E-08	4.12E-08	5.05E-08	4.58E-08	2.09E-08	1.83E-08	7.88E-10	1.90E-08	4.20E-09	6.86E-09	1.09E-08	1.92E-09	9.63E-09	5.33E-08
3916	486863.09	3853377.25	7.27E-05	8.90E-05	7.80E-05	2.52E-08	7.60E-08	4.40E-08	5.39E-08	4.89E-08	2.23E-08	1.96E-08	8.41E-10	2.03E-08	4.48E-09	7.32E-09	1.16E-08	2.05E-09	1.03E-08	5.69E-08
3917	487363.09	3853377.25	8.18E-05	1.00E-04	8.78E-05	2.84E-08	8.56E-08	4.96E-08	6.07E-08	5.51E-08	2.51E-08	2.20E-08	9.47E-10	2.29E-08	5.05E-09	8.25E-09	1.31E-08	2.31E-09	1.15E-08	6.41E-08
3918	487863.09	3853377.25	8.85E-05	1.08E-04	9.50E-05	3.07E-08	9.26E-08	5.36E-08	6.57E-08	5.96E-08	2.72E-08	2.38E-08	1.02E-09	2.47E-08	5.46E-09	8.92E-09	1.41E-08	2.49E-09	1.25E-08	6.93E-08
3919	488363.09	3853377.25	9.67E-05	1.19E-04	1.04E-04	3.35E-08	1.01E-07	5.86E-08	7.18E-08	6.51E-08	2.97E-08	2.60E-08	1.12E-09	2.70E-08	5.97E-09	9.75E-09	1.55E-08	2.73E-09	1.36E-08	7.57E-08
3920	488863.09	3853377.25	9.90E-05	1.21E-04	1.06E-04	3.43E-08	1.04E-07	6.00E-08	7.35E-08	6.66E-08	3.04E-08	2.66E-08	1.15E-09	2.77E-08	6.11E-09	9.98E-09	1.58E-08	2.79E-09	1.40E-08	7.75E-08
3921	489363.09	3853377.25	1.00E-04	1.23E-04	1.07E-04	3.47E-08	1.05E-07	6.06E-08	7.43E-08	6.73E-08	3.07E-08	2.69E-08	1.16E-09	2.80E-08	6.18E-09	1.01E-08	1.60E-08	2.82E-09	1.41E-08	7.84E-08
3922	489863.09	3853377.25	9.77E-05	1.20E-04	1.05E-04	3.39E-08	1.02E-07	5.92E-08	7.25E-08	6.57E-08	3.00E-08	2.63E-08	1.13E-09	2.73E-08	6.03E-09	9.85E-09	1.56E-08	2.75E-09	1.38E-08	7.65E-08
3923	490363.09	3853377.25	1.04E-04	1.28E-04	1.12E-04	3.61E-08	1.09E-07	6.31E-08	7.73E-08	7.01E-08	3.20E-08	2.80E-08	1.21E-09	2.91E-08	6.43E-09	1.05E-08	1.66E-08	2.93E-09	1.47E-08	8.15E-08
3924	490863.09	3853377.25	1.08E-04	1.32E-04	1.16E-04	3.73E-08	1.13E-07	6.53E-08	7.99E-08	7.25E-08	3.31E-08	2.90E-08	1.25E-09	3.01E-08	6.64E-09	1.09E-08	1.72E-08	3.03E-09	1.52E-08	8.43E-08
3925	491363.09	3853377.25	1.10E-04	1.35E-04	1.19E-04	3.83E-08	1.16E-07	6.69E-08	8.20E-08	7.43E-08	3.39E-08	2.97E-08	1.28E-09	3.09E-08	6.81E-09	1.11E-08	1.77E-08	3.11E-09	1.56E-08	8.65E-08
3926	491863.09	3853377.25	1.12E-04	1.37E-04	1.20E-04	3.88E-08	1.17E-07	6.78E-08	8.30E-08	7.53E-08	3.44E-08	3.01E-08	1.30E-09	3.13E-08	6.90E-09	1.13E-08	1.79E-08	3.15E-09	1.58E-08	8.76E-08
3927	492363.09	3853377.25	1.16E-04	1.42E-04	1.25E-04	4.02E-08	1.21E-07	7.03E-08	8.62E-08	7.81E-08	3.56E-08	3.12E-08	1.34E-09	3.25E-08	7.16E-09	1.17E-08	1.86E-08	3.27E-09	1.64E-08	9.09E-08
3928	492863.09	3853377.25	1.19E-04	1.46E-04	1.28E-04	4.14E-08	1.25E-07	7.23E-08	8.86E-08	8.03E-08	3.67E-08	3.21E-08	1.38E-09	3.34E-08	7.37E-09	1.20E-08	1.91E-08	3.36E-09	1.69E-08	9.35E-08
3929	493363.09	3853377.25	1.18E-04	1.44E-04	1.27E-04	4.08E-08	1.23E-07	7.14E-08	8.74E-08	7.93E-08	3.62E-08	3.17E-08	1.36E-09	3.29E-08	7.27E-09	1.19E-08	1.88E-08	3.32E-09	1.66E-08	9.22E-08
3930	493863.09	3853377.25	1.15E-04	1.41E-04	1.24E-04	3.99E-08	1.20E-07	6.97E-08	8.54E-08	7.74E-08	3.53E-08	3.10E-08	1.33E-09	3.22E-08	7.10E-09	1.16E-08	1.84E-08	3.24E-09	1.62E-08	9.00E-08
3931	494363.09	3853377.25	1.09E-04	1.33E-04	1.17E-04	3.77E-08	1.14E-07	6.60E-08	8.08E-08	7.32E-08	3.34E-08	2.93E-08	1.26E-09	3.04E-08	6.72E-09	1.10E-08	1.74E-08	3.07E-09	1.54E-08	8.52E-08
3932	494863.09	3853377.25	1.02E-04	1.24E-04	1.09E-04	3.52E-08	1.06E-07	6.15E-08	7.54E-08	6.83E-08	3.12E-08	2.73E-08	1.18E-09	2.84E-08	6.27E-09	1.02E-08	1.62E-08	2.86E-09	1.43E-08	7.95E-08
3933	495363.09	3853377.25	9.73E-05	1.19E-04	1.05E-04	3.37E-08	1.02E-07	5.90E-08	7.22E-08	6.55E-08	2.99E-08	2.62E-08	1.13E-09	2.72E-08	6.00E-09	9.81E-09	1.56E-08	2.74E-09	1.37E-08	7.62E-08
3934	495863.09	3853377.25	9.14E-05	1.12E-04	9.81E-05	3.17E-08	9.56E-08	5.53E-08	6.78E-08	6.15E-08	2.80E-08	2.46E-08	1.06E-09	2.55E-08	5.64E-09	9.20E-09	1.46E-08	2.57E-09	1.29E-08	7.15E-08
3935	496363.09	3853377.25	8.36E-05	1.02E-04	8.98E-05	2.90E-08	8.75E-08	5.06E-08	6.20E-08	5.62E-08	2.57E-08	2.25E-08	9.68E-10	2.34E-08	5.16E-09	8.42E-09	1.34E-08	2.35E-09	1.18E-08	6.54E-08
3936	496863.09	3853377.25	7.31E-05	8.95E-05	7.85E-05	2.53E-08	7.65E-08	4.43E-08	5.42E-08	4.92E-08	2.24E-08	1.97E-08	8.46E-10	2.04E-08	4.51E-09	7.36E-09	1.17E-08	2.06E-09	1.03E-08	5.72E-08
3937	497363.09	3853377.25	6.07E-05	7.44E-05	6.52E-05	2.11E-08	6.36E-08	3.68E-08	4.51E-08	4.09E-08	1.86E-08	1.63E-08	7.03E-10	1.70E-08	3.75E-09	6.12E-09	9.71E-09	1.71E-09	8.58E-09	4.76E-08
3938	497863.09	3853377.25	4.11E-05	5.03E-05	4.41E-05	1.42E-08	4.30E-08	2.49E-08	3.05E-08	2.76E-08	1.26E-08	1.11E-08	4.76E-10	1.15E-08	2.54E-09	4.14E-09	6.57E-09	1.16E-09	5.81E-09	3.22E-08
3939	498363.09	3853377.25	3.26E-05	3.99E-05	3.50E-05	1.13E-08	3.41E-08	1.97E-08	2.42E-08	2.19E-08	9.99E-09	8.76E-09	3.77E-10	9.10E-09	2.01E-09	3.28E-09	5.20E-09	9.17E-10	4.60E-09	2.55E-08
3940	471363.09	3853877.25	1.58E-05	1.94E-05	1.70E-05	5.49E-09	1.66E-08	9.59E-09	1.17E-08	1.06E-08	4.86E-09	4.26E-09	1.83E-10	4.43E-09	9.77E-10	1.59E-09	2.53E-09	4.46E-10	2.24E-09	1.24E-08
3941	471863.09	3853877.25	1.74E-05	2.14E-05	1.87E-05	6.04E-09	1.82E-08	1.06E-08	1.29E-08	1.17E-08	5.35E-09	4.69E-09	2.02E-10	4.87E-09	1.08E-09	1.76E-09	2.79E-09	4.91E-10	2.46E-09	1.37E-08
3942	472363.09	3853877.25	1.85E-05	2.27E-05	1.99E-05	6.43E-09	1.94E-08	1.12E-08	1.38E-08	1.25E-08	5.69E-09	4.99E-09	2.15E-10	5.18E-09	1.14E-09	1.87E-09	2.96E-09	5.22E-10	2.62E-09	1.45E-08
3943	472863.09	3853877.25	2.00E-05	2.45E-05	2.15E-05	6.94E-09	2.10E-08	1.21E-08	1.49E-08	1.35E-08	6.15E-09	5.39E-09	2.32E-10	5.60E-09	1.24E-09	2.02E-09	3.20E-09	5.64E-10	2.83E-09	1.57E-08
3944	473363.09	3853877.25	2.11E-05	2.59E-05	2.27E-05	7.32E-09	2.21E-08	1.28E-08	1.57E-08	1.42E-08	6.48E-09	5.68E-09	2.44E-10	5.90E-09	1.30E-09	2.13E-09	3.37E-09	5.95E-10	2.98E-09	1.65E-08
3945	473863.09	3853877.25	2.23E-05	2.74E-05	2.40E-05	7.74E-09	2.34E-08	1.35E-08	1.66E-08	1.50E-08	6.86E-09	6.01E-09	2.59E-10	6.25E-09	1.38E-09	2.25E-09	3.57E-09	6.29E-10	3.16E-09	1.75E-08
3946	474363.09	3853877.25	2.40E-05	2.94E-05	2.58E-05	8.31E-09	2.51E-08	1.45E-08	1.78E-08	1.61E-08	7.36E-09	6.46E-09	2.78E-10	6.71E-09	1.48E-09	2.42E-09	3.83E-09	6.76E-10	3.39E-09	1.88E-08
3947	474863.09	3853877.25	2.55E-05	3.12E-05	2.74E-05	8.83E-09	2.67E-08	1.54E-08	1.89E-08	1.71E-08	7.82E-09	6.86E-09	2.95E-10	7.13E-09	1.57E-09	2.57E-09	4.07E-09	7.18E-10	3.60E-09	2.00E-08
3948	475363.09	3853877.25	2.54E-05	3.11E-05	2.73E-05	8.79E-09	2.66E-08	1.54E-08	1.88E-08	1.71E-08	7.79E-09	6.83E-09	2.94E-10	7.09E-09	1.57E-09	2.56E-09	4.06E-09	7.15E-10	3.58E-09	1.99E-08
3949	475863.09	3853877.25	2.24E-05	2.75E-05	2.41E-05	7.77E-09	2.35E-08	1.36E-08	1.66E-08	1.51E-08	6.89E-09	6.04E-09	2.60E-10	6.27E-09	1.38E-09	2.26E-09	3.59E-09	6.32E-10	3.17E-09	1.76E-08
3950	476363.09	3853877.25	1.91E-05	2.34E-05	2.05E-05	6.61E-09	1.99E-08	1.15E-08	1.41E-08	1.28E-08	5.85E-09	5.13E-09	2.21E-10	5.33E-09	1.18E-09	1.92E-09	3.05E-09	5.37E-10	2.69E-09	1.49E-08
3951	476863.09	3853877.25	1.50E-05	1.84E-05	1.61E-05	5.21E-09	1.57E-08	9.11E-09	1.12E-08	1.01E-08	4.61E-09	4.04E-09	1.74E-10	4.20E-09	9.27E-10	1.51E-09	2.40E-09	4.23E-10	2.12E-09	1.18E-08
3952	477363.09	3853877.25	1.67E-05	2.05E-05	1.79E-05	5.79E-09	1.75E-08	1.01E-08	1.24E-08	1.12E-08	5.13E-09	4.50E-09	1.93E-10	4.67E-09	1.03E-09	1.68E-09	2.67E-09	4.71E-10	2.36E-09	1.31E-08
3953	477863.09	3853877.25	1.97E-05	2.41E-05	2.11E-05	6.81E-09	2.06E-08	1.19E-08	1.46E-08	1.32E-08	6.03E-09	5.29E-09	2.28E-10	5.50E-09	1.21E-09	1.98E-09	3.14E-09	5.54E-10	2.78E-09	1.54E-08

3954	478363.09	3853877.25	2.11E-05	2.58E-05	2.27E-05	7.31E-09	2.21E-08	1.28E-08	1.57E-08	1.42E-08	6.48E-09	5.68E-09	2.44E-10	5.90E-09	1.30E-09	2.13E-09	3.37E-09	5.94E-10	2.98E-09	1.65E-08
3955	478863.09	3853877.25	1.49E-05	1.82E-05	1.60E-05	5.15E-09	1.56E-08	9.01E-09	1.10E-08	1.00E-08	4.56E-09	4.00E-09	1.72E-10	4.16E-09	9.17E-10	1.50E-09	2.38E-09	4.19E-10	2.10E-09	1.16E-08
3956	479363.09	3853877.25	2.09E-05	2.56E-05	2.25E-05	7.26E-09	2.19E-08	1.27E-08	1.55E-08	1.41E-08	6.43E-09	5.63E-09	2.42E-10	5.85E-09	1.29E-09	2.11E-09	3.35E-09	5.90E-10	2.96E-09	1.64E-08
3957	479863.09	3853877.25	4.23E-05	5.18E-05	4.54E-05	1.47E-08	4.43E-08	2.56E-08	3.14E-08	2.85E-08	1.30E-08	1.14E-08	4.90E-10	1.18E-08	2.61E-09	4.26E-09	6.76E-09	1.19E-09	5.97E-09	3.31E-08
3958	480363.09	3853877.25	6.46E-05	7.91E-05	6.93E-05	2.24E-08	6.76E-08	3.91E-08	4.79E-08	4.34E-08	1.98E-08	1.74E-08	7.47E-10	1.80E-08	3.98E-09	6.50E-09	1.03E-08	1.82E-09	9.12E-09	5.05E-08
3959	480863.09	3853877.25	1.01E-04	1.23E-04	1.08E-04	3.49E-08	1.05E-07	6.09E-08	7.46E-08	6.77E-08	3.09E-08	2.71E-08	1.16E-09	2.81E-08	6.20E-09	1.01E-08	1.61E-08	2.83E-09	1.42E-08	7.87E-08
3960	481363.09	3853877.25	1.32E-04	1.61E-04	1.41E-04	4.56E-08	1.38E-07	7.97E-08	9.76E-08	8.85E-08	4.04E-08	3.54E-08	1.52E-09	3.68E-08	8.12E-09	1.33E-08	2.10E-08	3.71E-09	1.86E-08	1.03E-07
3961	481863.09	3853877.25	1.67E-04	2.04E-04	1.79E-04	5.77E-08	1.74E-07	1.01E-07	1.24E-07	1.12E-07	5.11E-08	4.49E-08	1.93E-09	4.66E-08	1.03E-08	1.68E-08	2.66E-08	4.69E-09	2.36E-08	1.30E-07
3962	482363.09	3853877.25	2.53E-04	3.10E-04	2.73E-04	8.78E-08	2.65E-07	1.53E-07	1.88E-07	1.70E-07	7.77E-08	6.83E-08	2.93E-09	7.08E-08	1.56E-08	2.55E-08	4.05E-08	7.13E-09	3.58E-08	1.98E-07
3963	482863.09	3853877.25	1.22E-03	1.49E-03	1.31E-03	4.22E-07	1.27E-06	7.38E-07	9.04E-07	8.19E-07	3.74E-07	3.29E-07	1.41E-08	3.40E-07	7.51E-08	1.23E-07	1.95E-07	3.43E-08	1.73E-07	9.54E-07
3964	483363.09	3853877.25	7.27E-04	8.91E-04	7.84E-04	2.52E-07	7.61E-07	4.40E-07	5.40E-07	4.89E-07	2.23E-07	1.96E-07	8.41E-09	2.03E-07	4.48E-08	7.33E-08	1.16E-07	2.05E-08	1.03E-07	5.70E-07
3965	483863.09	3853877.25	4.78E-04	5.86E-04	5.15E-04	1.66E-07	5.01E-07	2.90E-07	3.55E-07	3.22E-07	1.47E-07	1.29E-07	5.54E-09	1.34E-07	2.95E-08	4.82E-08	7.65E-08	1.35E-08	6.78E-08	3.75E-07
3966	484363.09	3853877.25	3.23E-04	3.96E-04	3.48E-04	1.12E-07	3.38E-07	1.96E-07	2.40E-07	2.17E-07	9.91E-08	8.71E-08	3.74E-09	9.03E-08	1.99E-08	3.25E-08	5.16E-08	9.10E-09	4.57E-08	2.53E-07
3967	484863.09	3853877.25	2.04E-04	2.50E-04	2.20E-04	7.08E-08	2.14E-07	1.24E-07	1.52E-07	1.37E-07	6.27E-08	5.51E-08	2.36E-09	5.71E-08	1.26E-08	2.06E-08	3.27E-08	5.75E-09	2.89E-08	1.60E-07
3968	485363.09	3853877.25	1.23E-04	1.50E-04	1.32E-04	4.26E-08	1.29E-07	7.44E-08	9.12E-08	8.26E-08	3.77E-08	3.31E-08	1.42E-09	3.43E-08	7.58E-09	1.24E-08	1.96E-08	3.46E-09	1.74E-08	9.62E-08
3969	485863.09	3853877.25	1.42E-04	1.74E-04	1.52E-04	4.91E-08	1.48E-07	8.59E-08	1.05E-07	9.54E-08	4.35E-08	3.82E-08	1.64E-09	3.96E-08	8.75E-09	1.43E-08	2.27E-08	3.99E-09	2.00E-08	1.11E-07
3970	486363.09	3853877.25	1.45E-04	1.78E-04	1.56E-04	5.03E-08	1.52E-07	8.80E-08	1.08E-07	9.77E-08	4.46E-08	3.90E-08	1.68E-09	4.06E-08	8.96E-09	1.46E-08	2.32E-08	4.09E-09	2.05E-08	1.14E-07
3971	486863.09	3853877.25	1.43E-04	1.75E-04	1.53E-04	4.95E-08	1.50E-07	8.66E-08	1.06E-07	9.61E-08	4.39E-08	3.84E-08	1.65E-09	3.99E-08	8.81E-09	1.44E-08	2.28E-08	4.03E-09	2.01E-08	1.12E-07
3972	487363.09	3853877.25	1.54E-04	1.88E-04	1.65E-04	5.33E-08	1.61E-07	9.31E-08	1.14E-07	1.03E-07	4.72E-08	4.13E-08	1.78E-09	4.30E-08	9.48E-09	1.55E-08	2.46E-08	4.33E-09	2.17E-08	1.20E-07
3973	487863.09	3853877.25	1.75E-04	2.15E-04	1.88E-04	6.08E-08	1.84E-07	1.06E-07	1.30E-07	1.18E-07	5.39E-08	4.71E-08	2.03E-09	4.90E-08	1.08E-08	1.77E-08	2.80E-08	4.94E-09	2.47E-08	1.37E-07
3974	488363.09	3853877.25	1.81E-04	2.22E-04	1.95E-04	6.29E-08	1.90E-07	1.10E-07	1.35E-07	1.22E-07	5.57E-08	4.87E-08	2.10E-09	5.07E-08	1.12E-08	1.83E-08	2.90E-08	5.11E-09	2.56E-08	1.42E-07
3975	488863.09	3853877.25	1.91E-04	2.34E-04	2.05E-04	6.61E-08	2.00E-07	1.16E-07	1.42E-07	1.28E-07	5.86E-08	5.13E-08	2.21E-09	5.34E-08	1.18E-08	1.92E-08	3.05E-08	5.38E-09	2.69E-08	1.49E-07
3976	489363.09	3853877.25	1.77E-04	2.17E-04	1.90E-04	6.15E-08	1.86E-07	1.07E-07	1.32E-07	1.19E-07	5.44E-08	4.77E-08	2.05E-09	4.96E-08	1.09E-08	1.79E-08	2.83E-08	5.00E-09	2.50E-08	1.39E-07
3977	489863.09	3853877.25	1.77E-04	2.17E-04	1.90E-04	6.14E-08	1.85E-07	1.07E-07	1.31E-07	1.19E-07	5.44E-08	4.76E-08	2.05E-09	4.95E-08	1.09E-08	1.78E-08	2.83E-08	4.99E-09	2.50E-08	1.39E-07
3978	490363.09	3853877.25	1.71E-04	2.09E-04	1.83E-04	5.91E-08	1.79E-07	1.03E-07	1.27E-07	1.15E-07	5.24E-08	4.59E-08	1.97E-09	4.77E-08	1.05E-08	1.72E-08	2.73E-08	4.81E-09	2.41E-08	1.34E-07
3979	490863.09	3853877.25	1.68E-04	2.06E-04	1.80E-04	5.82E-08	1.76E-07	1.02E-07	1.25E-07	1.13E-07	5.15E-08	4.52E-08	1.94E-09	4.69E-08	1.04E-08	1.69E-08	2.68E-08	4.73E-09	2.37E-08	1.31E-07
3980	491363.09	3853877.25	1.66E-04	2.03E-04	1.78E-04	5.75E-08	1.74E-07	1.00E-07	1.23E-07	1.12E-07	5.09E-08	4.46E-08	1.92E-09	4.64E-08	1.02E-08	1.67E-08	2.65E-08	4.67E-09	2.34E-08	1.30E-07
3981	491863.09	3853877.25	1.63E-04	2.00E-04	1.75E-04	5.65E-08	1.71E-07	9.87E-08	1.21E-07	1.10E-07	5.00E-08	4.39E-08	1.89E-09	4.56E-08	1.01E-08	1.64E-08	2.61E-08	4.59E-09	2.30E-08	1.28E-07
3982	492363.09	3853877.25	1.65E-04	2.02E-04	1.77E-04	5.71E-08	1.73E-07	9.99E-08	1.22E-07	1.11E-07	5.06E-08	4.44E-08	1.91E-09	4.61E-08	1.02E-08	1.66E-08	2.64E-08	4.64E-09	2.33E-08	1.29E-07
3983	492863.09	3853877.25	1.63E-04	1.99E-04	1.75E-04	5.64E-08	1.70E-07	9.85E-08	1.21E-07	1.09E-07	4.99E-08	4.38E-08	1.88E-09	4.55E-08	1.00E-08	1.64E-08	2.60E-08	4.58E-09	2.30E-08	1.27E-07
3984	493363.09	3853877.25	1.55E-04	1.90E-04	1.67E-04	5.38E-08	1.63E-07	9.41E-08	1.15E-07	1.05E-07	4.77E-08	4.18E-08	1.80E-09	4.34E-08	9.58E-09	1.57E-08	2.48E-08	4.38E-09	2.19E-08	1.22E-07
3985	493863.09	3853877.25	1.46E-04	1.79E-04	1.57E-04	5.08E-08	1.53E-07	8.87E-08	1.09E-07	9.85E-08	4.49E-08	3.94E-08	1.69E-09	4.09E-08	9.03E-09	1.48E-08	2.34E-08	4.12E-09	2.07E-08	1.15E-07
3986	494363.09	3853877.25	1.39E-04	1.70E-04	1.49E-04	4.82E-08	1.46E-07	8.43E-08	1.03E-07	9.36E-08	4.27E-08	3.74E-08	1.61E-09	3.89E-08	8.58E-09	1.40E-08	2.22E-08	3.92E-09	1.97E-08	1.09E-07
3987	494863.09	3853877.25	1.29E-04	1.58E-04	1.39E-04	4.48E-08	1.35E-07	7.83E-08	9.59E-08	8.70E-08	3.97E-08	3.48E-08	1.50E-09	3.61E-08	7.97E-09	1.30E-08	2.07E-08	3.64E-09	1.83E-08	1.01E-07
3988	495363.09	3853877.25	1.12E-04	1.37E-04	1.20E-04	3.87E-08	1.17E-07	6.76E-08	8.28E-08	7.50E-08	3.42E-08	3.00E-08	1.29E-09	3.12E-08	6.88E-09	1.12E-08	1.78E-08	3.14E-09	1.58E-08	8.73E-08
3989	495863.09	3853877.25	9.77E-05	1.20E-04	1.05E-04	3.39E-08	1.02E-07	5.92E-08	7.25E-08	6.57E-08	3.00E-08	2.63E-08	1.13E-09	2.73E-08	6.03E-09	9.84E-09	1.56E-08	2.75E-09	1.38E-08	7.65E-08
3990	496363.09	3853877.25	8.87E-05	1.09E-04	9.52E-05	3.07E-08	9.28E-08	5.37E-08	6.58E-08	5.96E-08	2.72E-08	2.39E-08	1.03E-09	2.48E-08	5.47E-09	8.93E-09	1.42E-08	2.50E-09	1.25E-08	6.94E-08
3991	496863.09	3853877.25	7.45E-05	9.12E-05	8.00E-05	2.58E-08	7.79E-08	4.51E-08	5.52E-08	5.01E-08	2.29E-08	2.00E-08	8.62E-10	2.08E-08	4.59E-09	7.50E-09	1.19E-08	2.10E-09	1.05E-08	5.83E-08
3992	497363.09	3853877.25	6.34E-05	7.76E-05	6.81E-05	2.20E-08	6.63E-08	3.84E-08	4.70E-08	4.26E-08	1.94E-08	1.71E-08	7.33E-10	1.77E-08	3.91E-09	6.38E-09	1.01E-08	1.78E-09	8.95E-09	4.96E-08
3993	497863.09	3853877.25	4.99E-05	6.11E-05	5.35E-05	1.73E-08	5.22E-08	3.02E-08	3.70E-08	3.35E-08	1.53E-08	1.34E-08	5.77E-10	1.39E-08	3.08E-09	5.02E-09	7.97E-09	1.40E-09	7.04E-09	3.90E-08
3994	498363.09	3853877.25	4.23E-05	5.19E-05	4.55E-05	1.47E-08	4.43E-08	2.57E-08	3.14E-08	2.85E-08	1.30E-08	1.14E-08	4.90E-10	1.18E-08	2.61E-09	4.27E-09	6.77E-09	1.19E-09	5.98E-09	3.31E-08
3995	471363.09	3854377.25	1.63E-05	1.99E-05	1.74E-05	5.63E-09	1.70E-08	9.85E-09	1.21E-08	1.09E-08	4.99E-09	4.37E-09	1.88E-10	4.54E-09	1.00E-09	1.64E-09	2.60E-09	4.58E-10	2.29E-09	1.27E-08
3996	471863.09	3854377.25	1.78E-05	2.18E-05	1.91E-05	6.18E-09	1.86E-08	1.08E-08	1.32E-08	1.20E-08	5.47E-09	4.79E-09	2.06E-10	4.98E-09	1.10E-09	1.80E-09	2.85E-09	5.02E-10	2.52E-09	1.39E-08
3997	472363.09	3854377.25	1.91E-05	2.34E-05	2.05E-05	6.61E-09	2.00E-08	1.16E-08	1.42E-08	1.28E-08	5.85E-09	5.13E-09	2.21E-10	5.33E-09	1.18E-09	1.92E-09	3.05E-09	5.37E-10	2.69E-09	1.49E-08
3998	472863.09	3854377.25	2.01E-05	2.47E-05	2.16E-05	6.98E-09	2.11E-08	1.22E-08	1.49E-08	1.35E-08	6.18E-09	5.42E-09	2.33E-10	5.63E-09	1.24E-09	2.03E-09	3.22E-09	5.67E-10	2.84E-09	1.58E-08
3999	473363.09	3854377.25	2.16E-05	2.65E-05	2.32E-05	7.48E-09	2.26E-08	1.31E-08	1.60E-08	1.45E-08	6.63E-09	5.81E-09	2.50E-10	6.04E-09	1.33E-09	2.18E-09	3.45E-09	6.08E-10	3.05E-09	1.69E-08
4000	473863.09	3854377.25	2.34E-05	2.87E-05	2.51E-05	8.11E-09	2.45E-08	1.42E-08	1.74E-08	1.57E-08	7.18E-09	6.29E-09	2.71E-10	6.54E-09	1.44E-09	2.36E-09	3.74E-09	6.59E-10	3.30E-09	1.83E-08
4001	474363.09	3854377.25	2.52E-05	3.09E-05	2.71E-05	8.74E-09	2.64E-08	1.53E-08	1.87E-08	1.70E-08	7.74E-09	6.79E-09	2.92E-10	7.05E-09	1.56E-09	2.54E-09	4.03E-09	7.10E-10	3.56E-09	1.97E-08
4002	474863.09	3854377.25	2.51E-05	3.07E-05	2.69E-05	8.69E-09	2.62E-08	1.52E-08	1.86E-08	1.69E-08	7.69E-09	6.75E-09	2.90E-10	7.01E-09	1.55E-09	2.53E-09	4.01E-09	7.06E-10	3.54E-09	1.96E-08
4003	475363.09	3854377.25	2.25E-05	2.76E-05	2.42E-05	7.81E-09	2.36E-08	1.37E-08	1.67E-08	1.52E-08	6.92E-09	6.07E-09	2.61E-10	6.30E-09	1.39E-09	2.27E-09	3.60E-09	6.35E-10	3.18E-09	1.76E-08
4004	475863.09	3854377.25	1.58E-05	1.93E-05	1.69E-05	5.47E-09	1.65E-08	9.55E-09	1.17E-08	1.06E-08	4.84E-09	4.24E-09	1.83E-10	4.41E-09	9.73E-10	1.59E-09	2.52E-09	4.44E-10	2.23E-09	1.23E-08
4005	476363.09	3854377.25	1.42E-05	1.74E-05	1.53E-05	4.93E-09	1.49E-08	8.61E-09	1.06E-08	9.56E-09	4.36E-09	3.83E-09	1.65E-10	3.98E-09	8.77E-10	1.43E-09	2.27E-09	4.01E-10	2.01E-09	1.11E-08
4006	476863.09	3854377.25	1.38E-05	1.69E-05	1.48E-05	4.79E-09	1.45E-08	8.37E-09	1.03E-08	9.29E-09	4.24E-09	3.72E-09	1.60E-10	3.86E-09	8.52E-10	1.39E-09	2.21E-09	3.89E-10	1.95E-09	1.08E-08
4007	477363.09	3854377.25	1.38E-05	1.70E-05	1.49E-05	4.80E-09	1.45E-08	8.39E-09	1.03E-08	9.31E-09	4.25E-09	3.73E-09	1.60E-10	3.87E-09	8.54E-10	1.39E-09	2.21E-09	3.90E-10	1.95E-09	1.08E-08
4008	477863.09	3854377.25	1.43E-05	1.75E-05	1.54E-05	4.97E-09	1.50E-08	8.68E-09	1.06E-08	9.64E-09	4.40E-09	3.85E-09	1.66E-10	4.00E-09	8.84E-10	1.44E-09	2.29E-09	4.04E-10	2.02E-09	1.12E-08

4009	478363.09	3854377.25	1.72E-05	2.10E-05	1.84E-05	5.94E-09	1.79E-08	1.04E-08	1.27E-08	1.15E-08	5.26E-09	4.61E-09	1.98E-10	4.79E-09	1.06E-09	1.73E-09	2.74E-09	4.83E-10	2.42E-09	1.34E-08
4010	478863.09	3854377.25	1.91E-05	2.34E-05	2.05E-05	6.61E-09	2.00E-08	1.16E-08	1.42E-08	1.28E-08	5.86E-09	5.13E-09	2.21E-10	5.33E-09	1.18E-09	1.92E-09	3.05E-09	5.38E-10	2.69E-09	1.49E-08
4011	479363.09	3854377.25	3.10E-05	3.80E-05	3.33E-05	1.08E-08	3.25E-08	1.88E-08	2.30E-08	2.09E-08	9.53E-09	8.35E-09	3.59E-10	8.68E-09	1.91E-09	3.13E-09	4.96E-09	8.74E-10	4.38E-09	2.43E-08
4012	479863.09	3854377.25	4.24E-05	5.19E-05	4.55E-05	1.47E-08	4.43E-08	2.57E-08	3.14E-08	2.85E-08	1.30E-08	1.14E-08	4.90E-10	1.18E-08	2.61E-09	4.27E-09	6.77E-09	1.19E-09	5.98E-09	3.32E-08
4013	480363.09	3854377.25	6.31E-05	7.74E-05	6.78E-05	2.19E-08	6.61E-08	3.83E-08	4.69E-08	4.25E-08	1.94E-08	1.70E-08	7.31E-10	1.77E-08	3.90E-09	6.36E-09	1.01E-08	1.78E-09	8.92E-09	4.94E-08
4014	480863.09	3854377.25	1.01E-04	1.24E-04	1.08E-04	3.50E-08	1.06E-07	6.11E-08	7.49E-08	6.79E-08	3.10E-08	2.72E-08	1.17E-09	2.82E-08	6.23E-09	1.02E-08	1.61E-08	2.84E-09	1.43E-08	7.90E-08
4015	481363.09	3854377.25	1.46E-04	1.79E-04	1.57E-04	5.05E-08	1.53E-07	8.84E-08	1.08E-07	9.81E-08	4.48E-08	3.92E-08	1.69E-09	4.08E-08	9.00E-09	1.47E-08	2.33E-08	4.11E-09	2.06E-08	1.14E-07
4016	481863.09	3854377.25	1.95E-04	2.39E-04	2.10E-04	6.76E-08	2.04E-07	1.18E-07	1.45E-07	1.31E-07	5.99E-08	5.25E-08	2.26E-09	5.45E-08	1.20E-08	1.97E-08	3.12E-08	5.50E-09	2.76E-08	1.53E-07
4017	482363.09	3854377.25	2.76E-04	3.38E-04	2.96E-04	9.56E-08	2.89E-07	1.67E-07	2.05E-07	1.86E-07	8.46E-08	7.43E-08	3.19E-09	7.71E-08	1.70E-08	2.78E-08	4.41E-08	7.77E-09	3.90E-08	2.16E-07
4018	482863.09	3854377.25	5.76E-04	7.06E-04	6.21E-04	2.00E-07	6.03E-07	3.49E-07	4.28E-07	3.88E-07	1.77E-07	1.56E-07	6.67E-09	1.61E-07	3.55E-08	5.81E-08	9.21E-08	1.62E-08	8.16E-08	4.51E-07
4019	483363.09	3854377.25	1.67E-03	2.05E-03	1.80E-03	5.79E-07	1.75E-06	1.01E-06	1.24E-06	1.12E-06	5.13E-07	4.52E-07	1.93E-08	4.67E-07	1.03E-07	1.68E-07	2.67E-07	4.71E-08	2.37E-07	1.31E-06
4020	483863.09	3854377.25	8.48E-04	1.04E-03	9.13E-04	2.94E-07	8.88E-07	5.14E-07	6.30E-07	5.71E-07	2.60E-07	2.29E-07	9.82E-09	2.37E-07	5.23E-08	8.55E-08	1.36E-07	2.39E-08	1.20E-07	6.64E-07
4021	484363.09	3854377.25	5.06E-04	6.20E-04	5.44E-04	1.75E-07	5.29E-07	3.06E-07	3.75E-07	3.40E-07	1.55E-07	1.36E-07	5.85E-09	1.41E-07	3.12E-08	5.10E-08	8.08E-08	1.42E-08	7.16E-08	3.96E-07
4022	484863.09	3854377.25	3.18E-04	3.90E-04	3.42E-04	1.10E-07	3.33E-07	1.93E-07	2.36E-07	2.14E-07	9.77E-08	8.58E-08	3.68E-09	8.90E-08	1.96E-08	3.21E-08	5.09E-08	8.97E-09	4.50E-08	2.49E-07
4023	485363.09	3854377.25	4.21E-04	5.16E-04	4.51E-04	1.46E-07	4.40E-07	2.55E-07	3.12E-07	2.83E-07	1.29E-07	1.13E-07	4.87E-09	1.18E-07	2.60E-08	4.24E-08	6.73E-08	1.19E-08	5.94E-08	3.29E-07
4024	485863.09	3854377.25	3.37E-04	4.13E-04	3.61E-04	1.17E-07	3.52E-07	2.04E-07	2.50E-07	2.27E-07	1.03E-07	9.04E-08	3.90E-09	9.42E-08	2.08E-08	3.39E-08	5.38E-08	9.49E-09	4.74E-08	2.64E-07
4025	486363.09	3854377.25	3.53E-04	4.32E-04	3.78E-04	1.22E-07	3.69E-07	2.14E-07	2.62E-07	2.37E-07	1.08E-07	9.46E-08	4.08E-09	9.86E-08	2.18E-08	3.55E-08	5.64E-08	9.94E-09	4.97E-08	2.76E-07
4026	486863.09	3854377.25	3.17E-04	3.89E-04	3.40E-04	1.10E-07	3.32E-07	1.92E-07	2.36E-07	2.14E-07	9.75E-08	8.52E-08	3.67E-09	8.87E-08	1.96E-08	3.20E-08	5.07E-08	8.94E-09	4.47E-08	2.48E-07
4027	487363.09	3854377.25	3.17E-04	3.89E-04	3.40E-04	1.10E-07	3.32E-07	1.92E-07	2.35E-07	2.13E-07	9.74E-08	8.52E-08	3.67E-09	8.87E-08	1.96E-08	3.20E-08	5.07E-08	8.94E-09	4.47E-08	2.48E-07
4028	487863.09	3854377.25	3.26E-04	4.00E-04	3.50E-04	1.13E-07	3.41E-07	1.98E-07	2.42E-07	2.19E-07	1.00E-07	8.77E-08	3.78E-09	9.12E-08	2.01E-08	3.29E-08	5.22E-08	9.19E-09	4.60E-08	2.55E-07
4029	488363.09	3854377.25	3.20E-04	3.92E-04	3.43E-04	1.11E-07	3.35E-07	1.94E-07	2.37E-07	2.15E-07	9.82E-08	8.60E-08	3.70E-09	8.94E-08	1.97E-08	3.22E-08	5.11E-08	9.01E-09	4.51E-08	2.50E-07
4030	488863.09	3854377.25	3.10E-04	3.79E-04	3.32E-04	1.07E-07	3.24E-07	1.88E-07	2.30E-07	2.08E-07	9.51E-08	8.33E-08	3.58E-09	8.66E-08	1.91E-08	3.12E-08	4.95E-08	8.72E-09	4.37E-08	2.42E-07
4031	489363.09	3854377.25	2.96E-04	3.62E-04	3.17E-04	1.02E-07	3.09E-07	1.79E-07	2.19E-07	1.99E-07	9.07E-08	7.95E-08	3.42E-09	8.26E-08	1.82E-08	2.98E-08	4.72E-08	8.33E-09	4.17E-08	2.31E-07
4032	489863.09	3854377.25	2.79E-04	3.42E-04	3.00E-04	9.67E-08	2.92E-07	1.69E-07	2.07E-07	1.88E-07	8.56E-08	7.51E-08	3.23E-09	7.80E-08	1.72E-08	2.81E-08	4.46E-08	7.86E-09	3.94E-08	2.18E-07
4033	490363.09	3854377.25	2.61E-04	3.19E-04	2.80E-04	9.03E-08	2.73E-07	1.58E-07	1.93E-07	1.75E-07	8.00E-08	7.01E-08	3.02E-09	7.29E-08	1.61E-08	2.63E-08	4.17E-08	7.34E-09	3.68E-08	2.04E-07
4034	490863.09	3854377.25	2.13E-04	2.61E-04	2.29E-04	7.39E-08	2.23E-07	1.29E-07	1.58E-07	1.43E-07	6.55E-08	5.74E-08	2.47E-09	5.96E-08	1.32E-08	2.15E-08	3.41E-08	6.01E-09	3.01E-08	1.67E-07
4035	491363.09	3854377.25	2.24E-04	2.74E-04	2.40E-04	7.75E-08	2.34E-07	1.35E-07	1.66E-07	1.50E-07	6.86E-08	6.02E-08	2.59E-09	6.25E-08	1.38E-08	2.25E-08	3.57E-08	6.30E-09	3.16E-08	1.75E-07
4036	491863.09	3854377.25	2.27E-04	2.78E-04	2.43E-04	7.85E-08	2.37E-07	1.37E-07	1.68E-07	1.52E-07	6.95E-08	6.10E-08	2.62E-09	6.33E-08	1.40E-08	2.28E-08	3.62E-08	6.38E-09	3.20E-08	1.77E-07
4037	492363.09	3854377.25	2.20E-04	2.70E-04	2.37E-04	7.64E-08	2.31E-07	1.34E-07	1.64E-07	1.48E-07	6.76E-08	5.93E-08	2.55E-09	6.16E-08	1.36E-08	2.22E-08	3.52E-08	6.21E-09	3.11E-08	1.73E-07
4038	492863.09	3854377.25	2.09E-04	2.55E-04	2.24E-04	7.23E-08	2.18E-07	1.26E-07	1.55E-07	1.40E-07	6.40E-08	5.61E-08	2.41E-09	5.83E-08	1.29E-08	2.10E-08	3.33E-08	5.87E-09	2.95E-08	1.63E-07
4039	493363.09	3854377.25	1.94E-04	2.38E-04	2.09E-04	6.73E-08	2.03E-07	1.18E-07	1.44E-07	1.31E-07	5.96E-08	5.23E-08	2.25E-09	5.43E-08	1.20E-08	1.96E-08	3.10E-08	5.47E-09	2.74E-08	1.52E-07
4040	493863.09	3854377.25	1.80E-04	2.21E-04	1.93E-04	6.24E-08	1.88E-07	1.09E-07	1.34E-07	1.21E-07	5.53E-08	4.85E-08	2.08E-09	5.03E-08	1.11E-08	1.81E-08	2.88E-08	5.07E-09	2.54E-08	1.41E-07
4041	494363.09	3854377.25	1.67E-04	2.05E-04	1.80E-04	5.79E-08	1.75E-07	1.01E-07	1.24E-07	1.12E-07	5.13E-08	4.50E-08	1.93E-09	4.67E-08	1.03E-08	1.68E-08	2.67E-08	4.71E-09	2.36E-08	1.31E-07
4042	494863.09	3854377.25	1.37E-04	1.68E-04	1.47E-04	4.75E-08	1.43E-07	8.30E-08	1.02E-07	9.22E-08	4.21E-08	3.69E-08	1.59E-09	3.83E-08	8.45E-09	1.38E-08	2.19E-08	3.86E-09	1.94E-08	1.07E-07
4043	495363.09	3854377.25	1.08E-04	1.32E-04	1.16E-04	3.74E-08	1.13E-07	6.54E-08	8.02E-08	7.27E-08	3.32E-08	2.91E-08	1.25E-09	3.02E-08	6.66E-09	1.09E-08	1.73E-08	3.04E-09	1.53E-08	8.46E-08
4044	495863.09	3854377.25	8.98E-05	1.10E-04	9.64E-05	3.11E-08	9.40E-08	5.44E-08	6.66E-08	6.04E-08	2.76E-08	2.42E-08	1.04E-09	2.51E-08	5.54E-09	9.05E-09	1.43E-08	2.53E-09	1.27E-08	7.03E-08
4045	496363.09	3854377.25	8.09E-05	9.90E-05	8.68E-05	2.80E-08	8.46E-08	4.90E-08	6.00E-08	5.44E-08	2.48E-08	2.18E-08	9.36E-10	2.26E-08	4.99E-09	8.15E-09	1.29E-08	2.28E-09	1.14E-08	6.33E-08
4046	496863.09	3854377.25	7.01E-05	8.58E-05	7.53E-05	2.43E-08	7.33E-08	4.25E-08	5.20E-08	4.71E-08	2.15E-08	1.89E-08	8.11E-10	1.96E-08	4.32E-09	7.06E-09	1.12E-08	1.97E-09	9.90E-09	5.49E-08
4047	497363.09	3854377.25	5.51E-05	6.75E-05	5.92E-05	1.91E-08	5.77E-08	3.34E-08	4.09E-08	3.71E-08	1.69E-08	1.48E-08	6.38E-10	1.54E-08	3.40E-09	5.56E-09	8.81E-09	1.55E-09	7.79E-09	4.32E-08
4048	497863.09	3854377.25	5.60E-05	6.86E-05	6.01E-05	1.94E-08	5.86E-08	3.39E-08	4.15E-08	3.77E-08	1.72E-08	1.51E-08	6.48E-10	1.57E-08	3.45E-09	5.64E-09	8.95E-09	1.58E-09	7.91E-09	4.38E-08
4049	498363.09	3854377.25	4.81E-05	5.89E-05	5.16E-05	1.67E-08	5.03E-08	2.91E-08	3.57E-08	3.23E-08	1.47E-08	1.29E-08	5.56E-10	1.34E-08	2.96E-09	4.84E-09	7.68E-09	1.35E-09	6.79E-09	3.76E-08
4050	471363.09	3854877.25	1.66E-05	2.04E-05	1.78E-05	5.76E-09	1.74E-08	1.01E-08	1.23E-08	1.12E-08	5.10E-09	4.47E-09	1.92E-10	4.65E-09	1.03E-09	1.67E-09	2.66E-09	4.68E-10	2.35E-09	1.30E-08
4051	471863.09	3854877.25	1.79E-05	2.19E-05	1.92E-05	6.20E-09	1.87E-08	1.08E-08	1.33E-08	1.20E-08	5.49E-09	4.82E-09	2.07E-10	5.00E-09	1.10E-09	1.80E-09	2.86E-09	5.04E-10	2.53E-09	1.40E-08
4052	472363.09	3854877.25	1.91E-05	2.34E-05	2.05E-05	6.62E-09	2.00E-08	1.16E-08	1.42E-08	1.29E-08	5.86E-09	5.14E-09	2.21E-10	5.34E-09	1.18E-09	1.93E-09	3.05E-09	5.38E-10	2.70E-09	1.50E-08
4053	472863.09	3854877.25	1.98E-05	2.43E-05	2.13E-05	6.88E-09	2.08E-08	1.20E-08	1.47E-08	1.33E-08	6.09E-09	5.34E-09	2.30E-10	5.55E-09	1.22E-09	2.00E-09	3.17E-09	5.59E-10	2.80E-09	1.55E-08
4054	473363.09	3854877.25	2.17E-05	2.66E-05	2.33E-05	7.53E-09	2.27E-08	1.32E-08	1.61E-08	1.46E-08	6.66E-09	5.84E-09	2.51E-10	6.07E-09	1.34E-09	2.19E-09	3.47E-09	6.12E-10	3.07E-09	1.70E-08
4055	473863.09	3854877.25	2.36E-05	2.89E-05	2.53E-05	8.17E-09	2.47E-08	1.43E-08	1.75E-08	1.59E-08	7.23E-09	6.34E-09	2.73E-10	6.59E-09	1.45E-09	2.37E-09	3.77E-09	6.64E-10	3.33E-09	1.84E-08
4056	474363.09	3854877.25	2.60E-05	3.18E-05	2.79E-05	9.00E-09	2.72E-08	1.57E-08	1.93E-08	1.75E-08	7.97E-09	6.98E-09	3.00E-10	7.26E-09	1.60E-09	2.62E-09	4.15E-09	7.31E-10	3.66E-09	2.03E-08
4057	474863.09	3854877.25	2.32E-05	2.85E-05	2.49E-05	8.05E-09	2.43E-08	1.41E-08	1.72E-08	1.56E-08	7.13E-09	6.25E-09	2.69E-10	6.50E-09	1.43E-09	2.34E-09	3.71E-09	6.55E-10	3.28E-09	1.82E-08
4058	475363.09	3854877.25	1.87E-05	2.30E-05	2.01E-05	6.50E-09	1.96E-08	1.14E-08	1.39E-08	1.26E-08	5.75E-09	5.04E-09	2.17E-10	5.24E-09	1.16E-09	1.89E-09	3.00E-09	5.28E-10	2.65E-09	1.47E-08
4059	475863.09	3854877.25	1.41E-05	1.73E-05	1.51E-05	4.89E-09	1.48E-08	8.54E-09	1.05E-08	9.49E-09	4.33E-09	3.79E-09	1.63E-10	3.94E-09	8.70E-10	1.42E-09	2.25E-09	3.97E-10	1.99E-09	1.10E-08
4060	476363.09	3854877.25	9.02E-06	1.11E-05	9.69E-06	3.13E-09	9.44E-09	5.47E-09	6.69E-09	6.07E-09	2.77E-09	2.43E-09	1.04E-10	2.52E-09	5.57E-10	9.09E-10	1.44E-09	2.54E-10	1.27E-09	7.06E-09
4061	476863.09	3854877.25	9.02E-06	1.10E-05	9.69E-06	3.13E-09	9.44E-09	5.46E-09	6.69E-09	6.07E-09	2.77E-09	2.43E-09	1.04E-10	2.52E-09	5.56E-10	9.09E-10	1.44E-09	2.54E-10	1.27E-09	7.06E-09
4062	477363.09	3854877.25	1.11E-05	1.37E-05	1.20E-05	3.86E-09	1.17E-08	6.75E-09	8.27E-09	7.50E-09	3.42E-09	3.00E-09	1.29E-10	3.12E-09	6.88E-10	1.12E-09	1.78E-09	3.14E-10	1.57E-09	8.73E-09
4063	477863.09	3854877.25	1.33E-05	1.63E-05	1.43E-05	4.61E-09	1.39E-08	8.06E-09	9.88E-09	8.95E-09	4.09E-09	3.58E-09	1.54E-10	3.72E-09	8.21E-10	1.34E-09	2.13E-09	3.75E-10	1.88E-09	1.04E-08

4064	478363.09	3854877.25	1.85E-05	2.27E-05	1.99E-05	6.41E-09	1.94E-08	1.12E-08	1.37E-08	1.24E-08	5.68E-09	4.98E-09	2.14E-10	5.17E-09	1.14E-09	1.86E-09	2.96E-09	5.21E-10	2.61E-09	1.45E-08
4065	478863.09	3854877.25	2.76E-05	3.38E-05	2.96E-05	9.55E-09	2.88E-08	1.67E-08	2.04E-08	1.85E-08	8.46E-09	7.41E-09	3.19E-10	7.70E-09	1.70E-09	2.78E-09	4.40E-09	7.76E-10	3.89E-09	2.16E-08
4066	479363.09	3854877.25	4.16E-05	5.09E-05	4.46E-05	1.44E-08	4.35E-08	2.52E-08	3.08E-08	2.80E-08	1.28E-08	1.12E-08	4.81E-10	1.16E-08	2.56E-09	4.19E-09	6.64E-09	1.17E-09	5.87E-09	3.25E-08
4067	479863.09	3854877.25	6.10E-05	7.47E-05	6.55E-05	2.11E-08	6.38E-08	3.69E-08	4.53E-08	4.10E-08	1.87E-08	1.64E-08	7.06E-10	1.70E-08	3.76E-09	6.14E-09	9.75E-09	1.72E-09	8.61E-09	4.77E-08
4068	480363.09	3854877.25	8.16E-05	1.00E-04	8.77E-05	2.83E-08	8.54E-08	4.94E-08	6.06E-08	5.49E-08	2.51E-08	2.20E-08	9.45E-10	2.28E-08	5.04E-09	8.22E-09	1.30E-08	2.30E-09	1.15E-08	6.39E-08
4069	480863.09	3854877.25	1.17E-04	1.44E-04	1.26E-04	4.07E-08	1.23E-07	7.11E-08	8.71E-08	7.90E-08	3.60E-08	3.16E-08	1.36E-09	3.28E-08	7.24E-09	1.18E-08	1.88E-08	3.31E-09	1.66E-08	9.19E-08
4070	481363.09	3854877.25	1.52E-04	1.87E-04	1.64E-04	5.28E-08	1.60E-07	9.24E-08	1.13E-07	1.03E-07	4.68E-08	4.10E-08	1.76E-09	4.26E-08	9.41E-09	1.54E-08	2.44E-08	4.30E-09	2.15E-08	1.19E-07
4071	481863.09	3854877.25	1.80E-04	2.21E-04	1.93E-04	6.24E-08	1.88E-07	1.09E-07	1.34E-07	1.21E-07	5.53E-08	4.85E-08	2.08E-09	5.04E-08	1.11E-08	1.82E-08	2.88E-08	5.07E-09	2.54E-08	1.41E-07
4072	482363.09	3854877.25	2.64E-04	3.24E-04	2.84E-04	9.15E-08	2.76E-07	1.60E-07	1.96E-07	1.78E-07	8.11E-08	7.11E-08	3.06E-09	7.38E-08	1.63E-08	2.66E-08	4.22E-08	7.44E-09	3.73E-08	2.07E-07
4073	482863.09	3854877.25	3.96E-04	4.85E-04	4.25E-04	1.37E-07	4.15E-07	2.40E-07	2.94E-07	2.67E-07	1.22E-07	1.07E-07	4.59E-09	1.11E-07	2.44E-08	3.99E-08	6.33E-08	1.12E-08	5.59E-08	3.10E-07
4074	483363.09	3854877.25	6.76E-04	8.29E-04	7.26E-04	2.34E-07	7.08E-07	4.10E-07	5.02E-07	4.55E-07	2.08E-07	1.82E-07	7.83E-09	1.89E-07	4.17E-08	6.82E-08	1.08E-07	1.91E-08	9.54E-08	5.29E-07
4075	483863.09	3854877.25	2.25E-03	2.75E-03	2.40E-03	7.78E-07	2.35E-06	1.36E-06	1.67E-06	1.51E-06	6.90E-07	6.02E-07	2.60E-08	6.28E-07	1.39E-07	2.26E-07	3.59E-07	6.33E-08	3.16E-07	1.76E-06
4076	484363.09	3854877.25	8.75E-03	1.07E-02	9.35E-03	3.03E-06	9.15E-06	5.30E-06	6.49E-06	5.89E-06	2.69E-06	2.34E-06	1.01E-07	2.45E-06	5.40E-07	8.81E-07	1.40E-06	2.46E-07	1.23E-06	6.84E-06
4077	484863.09	3854877.25	3.58E-03	4.38E-03	3.82E-03	1.24E-06	3.74E-06	2.17E-06	2.65E-06	2.41E-06	1.10E-06	9.58E-07	4.14E-08	9.99E-07	2.21E-07	3.60E-07	5.72E-07	1.01E-07	5.03E-07	2.80E-06
4078	485363.09	3854877.25	1.74E-03	2.14E-03	1.86E-03	6.05E-07	1.83E-06	1.06E-06	1.29E-06	1.17E-06	5.36E-07	4.67E-07	2.02E-08	4.88E-07	1.08E-07	1.76E-07	2.79E-07	4.91E-08	2.45E-07	1.36E-06
4079	485863.09	3854877.25	1.12E-03	1.37E-03	1.19E-03	3.87E-07	1.17E-06	6.76E-07	8.28E-07	7.50E-07	3.42E-07	2.99E-07	1.29E-08	3.12E-07	6.88E-08	1.12E-07	1.78E-07	3.14E-08	1.57E-07	8.73E-07
4080	486363.09	3854877.25	8.08E-04	9.90E-04	8.66E-04	2.80E-07	8.46E-07	4.90E-07	6.00E-07	5.44E-07	2.48E-07	2.17E-07	9.36E-09	2.26E-07	4.99E-08	8.15E-08	1.29E-07	2.28E-08	1.14E-07	6.33E-07
4081	486863.09	3854877.25	6.46E-04	7.92E-04	6.93E-04	2.24E-07	6.76E-07	3.91E-07	4.80E-07	4.35E-07	1.98E-07	1.74E-07	7.48E-09	1.81E-07	3.99E-08	6.51E-08	1.03E-07	1.82E-08	9.11E-08	5.06E-07
4082	487363.09	3854877.25	5.88E-04	7.21E-04	6.31E-04	2.04E-07	6.16E-07	3.56E-07	4.37E-07	3.96E-07	1.81E-07	1.58E-07	6.81E-09	1.65E-07	3.63E-08	5.93E-08	9.41E-08	1.66E-08	8.30E-08	4.61E-07
4083	487863.09	3854877.25	5.41E-04	6.63E-04	5.81E-04	1.88E-07	5.66E-07	3.28E-07	4.02E-07	3.64E-07	1.66E-07	1.46E-07	6.26E-09	1.51E-07	3.34E-08	5.45E-08	8.65E-08	1.52E-08	7.64E-08	4.24E-07
4084	488363.09	3854877.25	5.02E-04	6.15E-04	5.39E-04	1.74E-07	5.25E-07	3.04E-07	3.73E-07	3.38E-07	1.54E-07	1.35E-07	5.81E-09	1.40E-07	3.10E-08	5.06E-08	8.02E-08	1.41E-08	7.09E-08	3.93E-07
4085	488863.09	3854877.25	4.71E-04	5.77E-04	5.06E-04	1.63E-07	4.92E-07	2.85E-07	3.49E-07	3.17E-07	1.44E-07	1.27E-07	5.45E-09	1.32E-07	2.90E-08	4.74E-08	7.52E-08	1.33E-08	6.65E-08	3.68E-07
4086	489363.09	3854877.25	4.33E-04	5.30E-04	4.65E-04	1.50E-07	4.53E-07	2.62E-07	3.21E-07	2.91E-07	1.33E-07	1.17E-07	5.01E-09	1.21E-07	2.67E-08	4.36E-08	6.92E-08	1.22E-08	6.11E-08	3.39E-07
4087	489863.09	3854877.25	3.86E-04	4.73E-04	4.15E-04	1.34E-07	4.04E-07	2.34E-07	2.87E-07	2.60E-07	1.19E-07	1.04E-07	4.47E-09	1.08E-07	2.38E-08	3.89E-08	6.18E-08	1.09E-08	5.46E-08	3.03E-07
4088	490363.09	3854877.25	2.94E-04	3.60E-04	3.16E-04	1.02E-07	3.07E-07	1.78E-07	2.18E-07	1.98E-07	9.02E-08	7.91E-08	3.40E-09	8.21E-08	1.81E-08	2.96E-08	4.70E-08	8.28E-09	4.15E-08	2.30E-07
4089	490863.09	3854877.25	2.06E-04	2.52E-04	2.21E-04	7.13E-08	2.15E-07	1.25E-07	1.53E-07	1.38E-07	6.32E-08	5.54E-08	2.38E-09	5.75E-08	1.27E-08	2.07E-08	3.29E-08	5.80E-09	2.91E-08	1.61E-07
4090	491363.09	3854877.25	2.16E-04	2.65E-04	2.32E-04	7.49E-08	2.26E-07	1.31E-07	1.60E-07	1.45E-07	6.64E-08	5.82E-08	2.50E-09	6.04E-08	1.33E-08	2.18E-08	3.46E-08	6.09E-09	3.06E-08	1.69E-07
4091	491863.09	3854877.25	2.87E-04	3.52E-04	3.09E-04	9.96E-08	3.01E-07	1.74E-07	2.13E-07	1.93E-07	8.82E-08	7.74E-08	3.33E-09	8.03E-08	1.77E-08	2.89E-08	4.59E-08	8.09E-09	4.06E-08	2.25E-07
4092	492363.09	3854877.25	2.74E-04	3.35E-04	2.94E-04	9.49E-08	2.86E-07	1.66E-07	2.03E-07	1.84E-07	8.40E-08	7.37E-08	3.17E-09	7.65E-08	1.69E-08	2.76E-08	4.37E-08	7.71E-09	3.87E-08	2.14E-07
4093	492863.09	3854877.25	2.53E-04	3.10E-04	2.72E-04	8.76E-08	2.64E-07	1.53E-07	1.88E-07	1.70E-07	7.76E-08	6.80E-08	2.92E-09	7.06E-08	1.56E-08	2.55E-08	4.04E-08	7.12E-09	3.57E-08	1.98E-07
4094	493363.09	3854877.25	2.30E-04	2.82E-04	2.48E-04	7.98E-08	2.41E-07	1.40E-07	1.71E-07	1.55E-07	7.07E-08	6.20E-08	2.67E-09	6.44E-08	1.42E-08	2.32E-08	3.68E-08	6.49E-09	3.25E-08	1.80E-07
4095	493863.09	3854877.25	2.12E-04	2.59E-04	2.27E-04	7.33E-08	2.21E-07	1.28E-07	1.57E-07	1.42E-07	6.49E-08	5.69E-08	2.45E-09	5.91E-08	1.31E-08	2.13E-08	3.38E-08	5.96E-09	2.99E-08	1.66E-07
4096	494363.09	3854877.25	1.65E-04	2.02E-04	1.77E-04	5.73E-08	1.73E-07	1.00E-07	1.23E-07	1.11E-07	5.07E-08	4.45E-08	1.91E-09	4.62E-08	1.02E-08	1.66E-08	2.64E-08	4.65E-09	2.33E-08	1.29E-07
4097	494863.09	3854877.25	1.20E-04	1.47E-04	1.29E-04	4.16E-08	1.26E-07	7.27E-08	8.90E-08	8.07E-08	3.68E-08	3.23E-08	1.39E-09	3.35E-08	7.40E-09	1.21E-08	1.92E-08	3.38E-09	1.70E-08	9.39E-08
4098	495363.09	3854877.25	9.44E-05	1.16E-04	1.01E-04	3.27E-08	9.88E-08	5.72E-08	7.01E-08	6.35E-08	2.90E-08	2.54E-08	1.09E-09	2.64E-08	5.82E-09	9.51E-09	1.51E-08	2.66E-09	1.33E-08	7.39E-08
4099	495863.09	3854877.25	8.05E-05	9.86E-05	8.65E-05	2.79E-08	8.43E-08	4.88E-08	5.97E-08	5.42E-08	2.47E-08	2.17E-08	9.32E-10	2.25E-08	4.97E-09	8.11E-09	1.29E-08	2.27E-09	1.14E-08	6.30E-08
4100	496363.09	3854877.25	6.42E-05	7.87E-05	6.90E-05	2.23E-08	6.72E-08	3.89E-08	4.77E-08	4.32E-08	1.97E-08	1.73E-08	7.43E-10	1.80E-08	3.96E-09	6.47E-09	1.03E-08	1.81E-09	9.07E-09	5.03E-08
4101	496863.09	3854877.25	5.48E-05	6.71E-05	5.88E-05	1.90E-08	5.73E-08	3.32E-08	4.06E-08	3.68E-08	1.68E-08	1.47E-08	6.34E-10	1.53E-08	3.38E-09	5.52E-09	8.75E-09	1.54E-09	7.73E-09	4.29E-08
4102	497363.09	3854877.25	5.13E-05	6.29E-05	5.51E-05	1.78E-08	5.37E-08	3.11E-08	3.81E-08	3.45E-08	1.58E-08	1.38E-08	5.94E-10	1.43E-08	3.17E-09	5.17E-09	8.20E-09	1.45E-09	7.25E-09	4.02E-08
4103	497863.09	3854877.25	5.51E-05	6.75E-05	5.92E-05	1.91E-08	5.77E-08	3.34E-08	4.09E-08	3.71E-08	1.69E-08	1.48E-08	6.38E-10	1.54E-08	3.40E-09	5.55E-09	8.81E-09	1.55E-09	7.78E-09	4.31E-08
4104	498363.09	3854877.25	5.27E-05	6.46E-05	5.66E-05	1.83E-08	5.52E-08	3.20E-08	3.91E-08	3.55E-08	1.62E-08	1.42E-08	6.10E-10	1.47E-08	3.25E-09	5.31E-09	8.43E-09	1.49E-09	7.45E-09	4.13E-08
4105	471363.09	3855377.25	1.66E-05	2.04E-05	1.79E-05	5.76E-09	1.74E-08	1.01E-08	1.23E-08	1.12E-08	5.10E-09	4.47E-09	1.92E-10	4.65E-09	1.03E-09	1.67E-09	2.66E-09	4.68E-10	2.35E-09	1.30E-08
4106	471863.09	3855377.25	1.75E-05	2.14E-05	1.88E-05	6.06E-09	1.83E-08	1.06E-08	1.30E-08	1.18E-08	5.37E-09	4.71E-09	2.02E-10	4.89E-09	1.08E-09	1.76E-09	2.80E-09	4.93E-10	2.47E-09	1.37E-08
4107	472363.09	3855377.25	1.89E-05	2.32E-05	2.04E-05	6.57E-09	1.98E-08	1.15E-08	1.41E-08	1.27E-08	5.81E-09	5.10E-09	2.19E-10	5.30E-09	1.17E-09	1.91E-09	3.03E-09	5.34E-10	2.68E-09	1.48E-08
4108	472863.09	3855377.25	1.99E-05	2.44E-05	2.14E-05	6.91E-09	2.09E-08	1.21E-08	1.48E-08	1.34E-08	6.12E-09	5.36E-09	2.31E-10	5.57E-09	1.23E-09	2.01E-09	3.18E-09	5.61E-10	2.81E-09	1.56E-08
4109	473363.09	3855377.25	2.19E-05	2.68E-05	2.35E-05	7.59E-09	2.29E-08	1.33E-08	1.63E-08	1.47E-08	6.72E-09	5.90E-09	2.54E-10	6.12E-09	1.35E-09	2.21E-09	3.50E-09	6.17E-10	3.09E-09	1.71E-08
4110	473863.09	3855377.25	2.38E-05	2.91E-05	2.55E-05	8.23E-09	2.49E-08	1.44E-08	1.76E-08	1.60E-08	7.29E-09	6.39E-09	2.75E-10	6.64E-09	1.47E-09	2.39E-09	3.80E-09	6.69E-10	3.36E-09	1.86E-08
4111	474363.09	3855377.25	2.56E-05	3.14E-05	2.75E-05	8.88E-09	2.68E-08	1.55E-08	1.90E-08	1.72E-08	7.86E-09	6.90E-09	2.96E-10	7.16E-09	1.58E-09	2.58E-09	4.09E-09	7.22E-10	3.62E-09	2.01E-08
4112	474863.09	3855377.25	2.33E-05	2.85E-05	2.50E-05	8.07E-09	2.44E-08	1.41E-08	1.73E-08	1.57E-08	7.15E-09	6.27E-09	2.70E-10	6.51E-09	1.44E-09	2.35E-09	3.72E-09	6.56E-10	3.29E-09	1.82E-08
4113	475363.09	3855377.25	1.19E-05	1.46E-05	1.28E-05	4.13E-09	1.25E-08	7.22E-09	8.84E-09	8.01E-09	3.66E-09	3.21E-09	1.38E-10	3.33E-09	7.35E-10	1.20E-09	1.90E-09	3.36E-10	1.68E-09	9.32E-09
4114	475863.09	3855377.25	8.94E-06	1.10E-05	9.60E-06	3.10E-09	9.36E-09	5.42E-09	6.64E-09	6.02E-09	2.75E-09	2.41E-09	1.04E-10	2.50E-09	5.52E-10	9.01E-10	1.43E-09	2.52E-10	1.26E-09	7.00E-09
4115	476363.09	3855377.25	1.07E-05	1.31E-05	1.15E-05	3.71E-09	1.12E-08	6.49E-09	7.95E-09	7.21E-09	3.29E-09	2.88E-09	1.24E-10	3.00E-09	6.61E-10	1.08E-09	1.71E-09	3.02E-10	1.51E-09	8.39E-09
4116	476863.09	3855377.25	1.05E-05	1.29E-05	1.13E-05	3.65E-09	1.10E-08	6.39E-09	7.82E-09	7.09E-09	3.24E-09	2.84E-09	1.22E-10	2.95E-09	6.50E-10	1.06E-09	1.68E-09	2.97E-10	1.49E-09	8.25E-09
4117	477363.09	3855377.25	1.19E-05	1.46E-05	1.28E-05	4.13E-09	1.25E-08	7.22E-09	8.84E-09	8.02E-09	3.66E-09	3.21E-09	1.38E-10	3.33E-09	7.35E-10	1.20E-09	1.90E-09	3.36E-10	1.68E-09	9.33E-09
4118	477863.09	3855377.25	1.60E-05	1.96E-05	1.72E-05	5.56E-09	1.68E-08	9.72E-09	1.19E-08	1.08E-08	4.92E-09	4.32E-09	1.86E-10	4.48E-09	9.89E-10	1.62E-09	2.56E-09	4.52E-10	2.26E-09	1.26E-08

4119	478363.09	3855377.25	2.14E-05	2.63E-05	2.30E-05	7.43E-09	2.24E-08	1.30E-08	1.59E-08	1.44E-08	6.58E-09	5.77E-09	2.48E-10	5.99E-09	1.32E-09	2.16E-09	3.43E-09	6.04E-10	3.03E-09	1.68E-08
4120	478863.09	3855377.25	2.81E-05	3.44E-05	3.02E-05	9.73E-09	2.94E-08	1.70E-08	2.08E-08	1.89E-08	8.62E-09	7.56E-09	3.25E-10	7.85E-09	1.73E-09	2.83E-09	4.49E-09	7.91E-10	3.97E-09	2.20E-08
4121	479363.09	3855377.25	3.98E-05	4.88E-05	4.28E-05	1.38E-08	4.17E-08	2.41E-08	2.95E-08	2.68E-08	1.22E-08	1.07E-08	4.61E-10	1.11E-08	2.46E-09	4.01E-09	6.36E-09	1.12E-09	5.62E-09	3.12E-08
4122	479863.09	3855377.25	5.41E-05	6.63E-05	5.81E-05	1.88E-08	5.66E-08	3.28E-08	4.02E-08	3.64E-08	1.66E-08	1.46E-08	6.26E-10	1.51E-08	3.34E-09	5.45E-09	8.65E-09	1.52E-09	7.65E-09	4.24E-08
4123	480363.09	3855377.25	8.37E-05	1.02E-04	8.99E-05	2.90E-08	8.75E-08	5.07E-08	6.21E-08	5.63E-08	2.57E-08	2.25E-08	9.68E-10	2.34E-08	5.16E-09	8.43E-09	1.34E-08	2.36E-09	1.18E-08	6.55E-08
4124	480863.09	3855377.25	1.24E-04	1.52E-04	1.33E-04	4.29E-08	1.29E-07	7.50E-08	9.18E-08	8.32E-08	3.80E-08	3.33E-08	1.43E-09	3.46E-08	7.63E-09	1.25E-08	1.98E-08	3.49E-09	1.75E-08	9.68E-08
4125	481363.09	3855377.25	1.65E-04	2.03E-04	1.78E-04	5.73E-08	1.73E-07	1.00E-07	1.23E-07	1.11E-07	5.07E-08	4.45E-08	1.91E-09	4.62E-08	1.02E-08	1.67E-08	2.64E-08	4.66E-09	2.33E-08	1.29E-07
4126	481863.09	3855377.25	2.04E-04	2.50E-04	2.19E-04	7.06E-08	2.13E-07	1.23E-07	1.51E-07	1.37E-07	6.26E-08	5.49E-08	2.36E-09	5.70E-08	1.26E-08	2.05E-08	3.26E-08	5.74E-09	2.88E-08	1.60E-07
4127	482363.09	3855377.25	2.46E-04	3.02E-04	2.65E-04	8.54E-08	2.58E-07	1.49E-07	1.83E-07	1.66E-07	7.56E-08	6.63E-08	2.85E-09	6.89E-08	1.52E-08	2.48E-08	3.94E-08	6.94E-09	3.48E-08	1.93E-07
4128	482863.09	3855377.25	3.33E-04	4.08E-04	3.58E-04	1.15E-07	3.49E-07	2.02E-07	2.47E-07	2.24E-07	1.02E-07	8.96E-08	3.86E-09	9.31E-08	2.05E-08	3.36E-08	5.32E-08	9.38E-09	4.70E-08	2.61E-07
4129	483363.09	3855377.25	4.77E-04	5.84E-04	5.11E-04	1.65E-07	4.99E-07	2.89E-07	3.54E-07	3.21E-07	1.46E-07	1.28E-07	5.52E-09	1.33E-07	2.94E-08	4.81E-08	7.62E-08	1.34E-08	6.72E-08	3.73E-07
4130	483863.09	3855377.25	8.05E-04	9.86E-04	8.61E-04	2.79E-07	8.42E-07	4.87E-07	5.97E-07	5.41E-07	2.47E-07	2.16E-07	9.31E-09	2.25E-07	4.96E-08	8.11E-08	1.29E-07	2.27E-08	1.13E-07	6.29E-07
4131	484363.09	3855377.25	1.97E-03	2.41E-03	2.11E-03	6.83E-07	2.06E-06	1.19E-06	1.46E-06	1.33E-06	6.05E-07	5.29E-07	2.28E-08	5.51E-07	1.22E-07	1.98E-07	3.15E-07	5.55E-08	2.78E-07	1.54E-06
4132	484863.09	3855377.25	6.24E-03	7.64E-03	6.72E-03	2.16E-06	6.53E-06	3.78E-06	4.63E-06	4.20E-06	1.91E-06	1.68E-06	7.22E-08	1.74E-06	3.85E-07	6.28E-07	9.97E-07	1.76E-07	8.83E-07	4.89E-06
4133	485363.09	3855377.25	4.94E-03	6.05E-03	5.32E-03	1.71E-06	5.17E-06	2.99E-06	3.67E-06	3.32E-06	1.52E-06	1.33E-06	5.72E-08	1.38E-06	3.05E-07	4.98E-07	7.89E-07	1.39E-07	7.00E-07	3.87E-06
4134	485863.09	3855377.25	2.37E-03	2.90E-03	2.55E-03	8.22E-07	2.48E-06	1.44E-06	1.76E-06	1.59E-06	7.28E-07	6.39E-07	2.74E-08	6.63E-07	1.46E-07	2.39E-07	3.79E-07	6.68E-08	3.35E-07	1.86E-06
4135	486363.09	3855377.25	1.50E-03	1.84E-03	1.61E-03	5.20E-07	1.57E-06	9.08E-07	1.11E-06	1.01E-06	4.60E-07	4.04E-07	1.74E-08	4.19E-07	9.25E-08	1.51E-07	2.40E-07	4.22E-08	2.12E-07	1.17E-06
4136	486863.09	3855377.25	1.08E-03	1.32E-03	1.16E-03	3.73E-07	1.13E-06	6.51E-07	7.98E-07	7.23E-07	3.30E-07	2.90E-07	1.24E-08	3.01E-07	6.63E-08	1.08E-07	1.72E-07	3.03E-08	1.52E-07	8.42E-07
4137	487363.09	3855377.25	9.28E-04	1.14E-03	9.98E-04	3.22E-07	9.71E-07	5.62E-07	6.89E-07	6.24E-07	2.85E-07	2.50E-07	1.07E-08	2.59E-07	5.73E-08	9.35E-08	1.48E-07	2.61E-08	1.31E-07	7.27E-07
4138	487863.09	3855377.25	8.13E-04	9.96E-04	8.75E-04	2.82E-07	8.51E-07	4.93E-07	6.03E-07	5.47E-07	2.50E-07	2.19E-07	9.41E-09	2.27E-07	5.02E-08	8.19E-08	1.30E-07	2.29E-08	1.15E-07	6.37E-07
4139	488363.09	3855377.25	7.22E-04	8.84E-04	7.76E-04	2.50E-07	7.55E-07	4.37E-07	5.36E-07	4.85E-07	2.22E-07	1.95E-07	8.35E-09	2.02E-07	4.45E-08	7.27E-08	1.15E-07	2.03E-08	1.02E-07	5.65E-07
4140	488863.09	3855377.25	6.45E-04	7.89E-04	6.93E-04	2.23E-07	6.74E-07	3.90E-07	4.78E-07	4.34E-07	1.98E-07	1.74E-07	7.46E-09	1.80E-07	3.98E-08	6.49E-08	1.03E-07	1.82E-08	9.12E-08	5.05E-07
4141	489363.09	3855377.25	5.76E-04	7.05E-04	6.19E-04	1.99E-07	6.02E-07	3.49E-07	4.27E-07	3.87E-07	1.77E-07	1.55E-07	6.66E-09	1.61E-07	3.55E-08	5.80E-08	9.20E-08	1.62E-08	8.14E-08	4.51E-07
4142	489863.09	3855377.25	5.11E-04	6.26E-04	5.49E-04	1.77E-07	5.34E-07	3.09E-07	3.79E-07	3.43E-07	1.57E-07	1.38E-07	5.91E-09	1.43E-07	3.15E-08	5.14E-08	8.16E-08	1.44E-08	7.22E-08	4.00E-07
4143	490363.09	3855377.25	4.67E-04	5.73E-04	5.03E-04	1.62E-07	4.89E-07	2.83E-07	3.47E-07	3.14E-07	1.43E-07	1.26E-07	5.41E-09	1.31E-07	2.88E-08	4.71E-08	7.47E-08	1.32E-08	6.61E-08	3.66E-07
4144	490863.09	3855377.25	3.19E-04	3.91E-04	3.43E-04	1.11E-07	3.34E-07	1.94E-07	2.37E-07	2.15E-07	9.80E-08	8.61E-08	3.70E-09	8.93E-08	1.97E-08	3.22E-08	5.10E-08	9.00E-09	4.52E-08	2.50E-07
4145	491363.09	3855377.25	2.64E-04	3.24E-04	2.84E-04	9.16E-08	2.76E-07	1.60E-07	1.96E-07	1.78E-07	8.11E-08	7.12E-08	3.06E-09	7.39E-08	1.63E-08	2.66E-08	4.22E-08	7.44E-09	3.73E-08	2.07E-07
4146	491863.09	3855377.25	3.45E-04	4.23E-04	3.71E-04	1.20E-07	3.61E-07	2.09E-07	2.56E-07	2.32E-07	1.06E-07	9.29E-08	3.99E-09	9.65E-08	2.13E-08	3.48E-08	5.52E-08	9.72E-09	4.88E-08	2.70E-07
4147	492363.09	3855377.25	3.21E-04	3.93E-04	3.45E-04	1.11E-07	3.36E-07	1.94E-07	2.38E-07	2.16E-07	9.85E-08	8.64E-08	3.71E-09	8.97E-08	1.98E-08	3.23E-08	5.13E-08	9.04E-09	4.53E-08	2.51E-07
4148	492863.09	3855377.25	2.92E-04	3.57E-04	3.14E-04	1.01E-07	3.05E-07	1.77E-07	2.17E-07	1.96E-07	8.96E-08	7.86E-08	3.38E-09	8.16E-08	1.80E-08	2.94E-08	4.66E-08	8.22E-09	4.12E-08	2.28E-07
4149	493363.09	3855377.25	2.55E-04	3.12E-04	2.74E-04	8.84E-08	2.67E-07	1.55E-07	1.89E-07	1.72E-07	7.83E-08	6.87E-08	2.95E-09	7.13E-08	1.57E-08	2.57E-08	4.08E-08	7.18E-09	3.60E-08	2.00E-07
4150	493863.09	3855377.25	1.99E-04	2.44E-04	2.14E-04	6.91E-08	2.09E-07	1.21E-07	1.48E-07	1.34E-07	6.12E-08	5.37E-08	2.31E-09	5.57E-08	1.23E-08	2.01E-08	3.19E-08	5.62E-09	2.82E-08	1.56E-07
4151	494363.09	3855377.25	1.46E-04	1.78E-04	1.56E-04	5.04E-08	1.52E-07	8.82E-08	1.08E-07	9.79E-08	4.47E-08	3.92E-08	1.68E-09	4.07E-08	8.98E-09	1.47E-08	2.33E-08	4.10E-09	2.06E-08	1.14E-07
4152	494863.09	3855377.25	1.04E-04	1.28E-04	1.12E-04	3.62E-08	1.09E-07	6.33E-08	7.75E-08	7.03E-08	3.21E-08	2.81E-08	1.21E-09	2.92E-08	6.44E-09	1.05E-08	1.67E-08	2.94E-09	1.48E-08	8.18E-08
4153	495363.09	3855377.25	7.97E-05	9.76E-05	8.56E-05	2.76E-08	8.34E-08	4.83E-08	5.91E-08	5.36E-08	2.45E-08	2.14E-08	9.22E-10	2.23E-08	4.92E-09	8.03E-09	1.27E-08	2.24E-09	1.13E-08	6.24E-08
4154	495863.09	3855377.25	6.45E-05	7.90E-05	6.93E-05	2.23E-08	6.75E-08	3.91E-08	4.78E-08	4.34E-08	1.98E-08	1.74E-08	7.46E-10	1.80E-08	3.98E-09	6.50E-09	1.03E-08	1.82E-09	9.11E-09	5.05E-08
4155	496363.09	3855377.25	6.01E-05	7.36E-05	6.45E-05	2.08E-08	6.29E-08	3.64E-08	4.46E-08	4.04E-08	1.84E-08	1.62E-08	6.95E-10	1.68E-08	3.71E-09	6.05E-09	9.60E-09	1.69E-09	8.48E-09	4.70E-08
4156	496863.09	3855377.25	5.67E-05	6.95E-05	6.09E-05	1.97E-08	5.94E-08	3.44E-08	4.21E-08	3.82E-08	1.74E-08	1.53E-08	6.57E-10	1.59E-08	3.50E-09	5.72E-09	9.07E-09	1.60E-09	8.01E-09	4.44E-08
4157	497363.09	3855377.25	5.58E-05	6.84E-05	5.99E-05	1.93E-08	5.84E-08	3.38E-08	4.14E-08	3.75E-08	1.71E-08	1.50E-08	6.46E-10	1.56E-08	3.44E-09	5.62E-09	8.92E-09	1.57E-09	7.88E-09	4.37E-08
4158	497863.09	3855377.25	5.72E-05	7.00E-05	6.14E-05	1.98E-08	5.98E-08	3.46E-08	4.24E-08	3.84E-08	1.75E-08	1.54E-08	6.61E-10	1.60E-08	3.53E-09	5.76E-09	9.13E-09	1.61E-09	8.07E-09	4.47E-08
4159	498363.09	3855377.25	5.94E-05	7.27E-05	6.37E-05	2.06E-08	6.21E-08	3.60E-08	4.40E-08	3.99E-08	1.82E-08	1.60E-08	6.87E-10	1.66E-08	3.66E-09	5.98E-09	9.49E-09	1.67E-09	8.38E-09	4.65E-08
4160	471363.09	3855877.25	1.70E-05	2.09E-05	1.83E-05	5.91E-09	1.78E-08	1.03E-08	1.26E-08	1.15E-08	5.23E-09	4.59E-09	1.97E-10	4.76E-09	1.05E-09	1.72E-09	2.72E-09	4.80E-10	2.41E-09	1.33E-08
4161	471863.09	3855877.25	1.80E-05	2.20E-05	1.93E-05	6.23E-09	1.88E-08	1.09E-08	1.33E-08	1.21E-08	5.52E-09	4.84E-09	2.08E-10	5.02E-09	1.11E-09	1.81E-09	2.87E-09	5.06E-10	2.54E-09	1.41E-08
4162	472363.09	3855877.25	1.97E-05	2.41E-05	2.12E-05	6.83E-09	2.06E-08	1.19E-08	1.46E-08	1.33E-08	6.05E-09	5.30E-09	2.28E-10	5.51E-09	1.22E-09	1.99E-09	3.15E-09	5.55E-10	2.78E-09	1.54E-08
4163	472863.09	3855877.25	2.05E-05	2.51E-05	2.20E-05	7.11E-09	2.15E-08	1.24E-08	1.52E-08	1.38E-08	6.29E-09	5.52E-09	2.37E-10	5.73E-09	1.26E-09	2.07E-09	3.28E-09	5.78E-10	2.90E-09	1.61E-08
4164	473363.09	3855877.25	2.28E-05	2.80E-05	2.45E-05	7.92E-09	2.39E-08	1.38E-08	1.69E-08	1.54E-08	7.01E-09	6.15E-09	2.64E-10	6.39E-09	1.41E-09	2.30E-09	3.65E-09	6.43E-10	3.23E-09	1.79E-08
4165	473863.09	3855877.25	2.49E-05	3.05E-05	2.67E-05	8.62E-09	2.60E-08	1.51E-08	1.84E-08	1.67E-08	7.63E-09	6.69E-09	2.88E-10	6.95E-09	1.53E-09	2.50E-09	3.97E-09	7.00E-10	3.51E-09	1.95E-08
4166	474363.09	3855877.25	2.66E-05	3.26E-05	2.85E-05	9.21E-09	2.78E-08	1.61E-08	1.97E-08	1.79E-08	8.16E-09	7.15E-09	3.08E-10	7.43E-09	1.64E-09	2.68E-09	4.25E-09	7.48E-10	3.75E-09	2.08E-08
4167	474863.09	3855877.25	2.30E-05	2.81E-05	2.46E-05	7.95E-09	2.40E-08	1.39E-08	1.70E-08	1.54E-08	7.04E-09	6.18E-09	2.66E-10	6.42E-09	1.42E-09	2.31E-09	3.67E-09	6.46E-10	3.24E-09	1.80E-08
4168	475363.09	3855877.25	1.51E-05	1.85E-05	1.63E-05	5.25E-09	1.58E-08	9.17E-09	1.12E-08	1.02E-08	4.65E-09	4.07E-09	1.75E-10	4.23E-09	9.34E-10	1.52E-09	2.42E-09	4.26E-10	2.14E-09	1.18E-08
4169	475863.09	3855877.25	6.58E-06	8.05E-06	7.06E-06	2.28E-09	6.88E-09	3.98E-09	4.88E-09	4.42E-09	2.02E-09	1.77E-09	7.61E-11	1.84E-09	4.06E-10	6.62E-10	1.05E-09	1.85E-10	9.29E-10	5.15E-09
4170	476363.09	3855877.25	7.11E-06	8.71E-06	7.63E-06	2.46E-09	7.44E-09	4.31E-09	5.27E-09	4.78E-09	2.18E-09	1.91E-09	8.23E-11	1.99E-09	4.38E-10	7.16E-10	1.14E-09	2.00E-10	1.00E-09	5.56E-09
4171	476863.09	3855877.25	1.09E-05	1.34E-05	1.17E-05	3.79E-09	1.14E-08	6.62E-09	8.11E-09	7.35E-09	3.35E-09	2.94E-09	1.26E-10	3.05E-09	6.74E-10	1.10E-09	1.75E-09	3.08E-10	1.54E-09	8.55E-09
4172	477363.09	3855877.25	1.36E-05	1.66E-05	1.46E-05	4.70E-09	1.42E-08	8.22E-09	1.01E-08	9.13E-09	4.17E-09	3.65E-09	1.57E-10	3.79E-09	8.37E-10	1.37E-09	2.17E-09	3.82E-10	1.92E-09	1.06E-08
4173	477863.09	3855877.25	1.71E-05	2.10E-05	1.84E-05	5.93E-09	1.79E-08	1.04E-08	1.27E-08	1.15E-08	5.25E-09	4.61E-09	1.98E-10	4.79E-09	1.06E-09	1.72E-09	2.74E-09	4.82E-10	2.42E-09	1.34E-08

4174	478363.09	3855877.25	2.26E-05	2.77E-05	2.43E-05	7.83E-09	2.36E-08	1.37E-08	1.68E-08	1.52E-08	6.94E-09	6.08E-09	2.62E-10	6.32E-09	1.39E-09	2.28E-09	3.61E-09	6.37E-10	3.19E-09	1.77E-08
4175	478863.09	3855877.25	3.10E-05	3.79E-05	3.33E-05	1.07E-08	3.24E-08	1.88E-08	2.30E-08	2.08E-08	9.50E-09	8.33E-09	3.58E-10	8.66E-09	1.91E-09	3.12E-09	4.95E-09	8.72E-10	4.37E-09	2.42E-08
4176	479363.09	3855877.25	4.42E-05	5.42E-05	4.75E-05	1.53E-08	4.63E-08	2.68E-08	3.28E-08	2.98E-08	1.36E-08	1.19E-08	5.12E-10	1.24E-08	2.73E-09	4.46E-09	7.07E-09	1.25E-09	6.25E-09	3.46E-08
4177	479863.09	3855877.25	6.04E-05	7.40E-05	6.49E-05	2.09E-08	6.32E-08	3.66E-08	4.48E-08	4.06E-08	1.85E-08	1.63E-08	6.99E-10	1.69E-08	3.73E-09	6.09E-09	9.65E-09	1.70E-09	8.53E-09	4.73E-08
4178	480363.09	3855877.25	8.56E-05	1.05E-04	9.19E-05	2.97E-08	8.96E-08	5.19E-08	6.35E-08	5.76E-08	2.63E-08	2.30E-08	9.91E-10	2.39E-08	5.28E-09	8.62E-09	1.37E-08	2.41E-09	1.21E-08	6.70E-08
4179	480863.09	3855877.25	1.20E-04	1.47E-04	1.29E-04	4.16E-08	1.26E-07	7.27E-08	8.91E-08	8.08E-08	3.69E-08	3.23E-08	1.39E-09	3.36E-08	7.41E-09	1.21E-08	1.92E-08	3.38E-09	1.70E-08	9.40E-08
4180	481363.09	3855877.25	1.43E-04	1.76E-04	1.54E-04	4.97E-08	1.50E-07	8.68E-08	1.06E-07	9.64E-08	4.40E-08	3.85E-08	1.66E-09	4.01E-08	8.84E-09	1.44E-08	2.29E-08	4.04E-09	2.02E-08	1.12E-07
4181	481863.09	3855877.25	1.99E-04	2.43E-04	2.13E-04	6.88E-08	2.08E-07	1.20E-07	1.47E-07	1.34E-07	6.09E-08	5.34E-08	2.30E-09	5.55E-08	1.22E-08	2.00E-08	3.17E-08	5.59E-09	2.80E-08	1.55E-07
4182	482363.09	3855877.25	2.28E-04	2.80E-04	2.45E-04	7.92E-08	2.39E-07	1.38E-07	1.69E-07	1.54E-07	7.01E-08	6.14E-08	2.64E-09	6.38E-08	1.41E-08	2.30E-08	3.65E-08	6.43E-09	3.22E-08	1.79E-07
4183	482863.09	3855877.25	2.89E-04	3.54E-04	3.10E-04	1.00E-07	3.03E-07	1.75E-07	2.15E-07	1.94E-07	8.87E-08	7.78E-08	3.35E-09	8.08E-08	1.78E-08	2.91E-08	4.62E-08	8.14E-09	4.08E-08	2.26E-07
4184	483363.09	3855877.25	3.78E-04	4.63E-04	4.06E-04	1.31E-07	3.95E-07	2.29E-07	2.80E-07	2.54E-07	1.16E-07	1.02E-07	4.37E-09	1.06E-07	2.33E-08	3.81E-08	6.04E-08	1.06E-08	5.34E-08	2.96E-07
4185	483863.09	3855877.25	5.24E-04	6.42E-04	5.63E-04	1.82E-07	5.48E-07	3.17E-07	3.89E-07	3.52E-07	1.61E-07	1.41E-07	6.06E-09	1.46E-07	3.23E-08	5.28E-08	8.37E-08	1.48E-08	7.40E-08	4.10E-07
4186	484363.09	3855877.25	8.14E-04	9.97E-04	8.75E-04	2.82E-07	8.52E-07	4.93E-07	6.04E-07	5.47E-07	2.50E-07	2.19E-07	9.42E-09	2.27E-07	5.02E-08	8.20E-08	1.30E-07	2.29E-08	1.15E-07	6.37E-07
4187	484863.09	3855877.25	1.66E-03	2.03E-03	1.78E-03	5.74E-07	1.73E-06	1.00E-06	1.23E-06	1.11E-06	5.08E-07	4.47E-07	1.92E-08	4.63E-07	1.02E-07	1.67E-07	2.65E-07	4.66E-08	2.35E-07	1.30E-06
4188	485363.09	3855877.25	7.07E-03	8.66E-03	7.64E-03	2.45E-06	7.40E-06	4.29E-06	5.25E-06	4.76E-06	2.17E-06	1.91E-06	8.19E-08	1.98E-06	4.36E-07	7.13E-07	1.13E-06	1.99E-07	1.00E-06	5.54E-06
4189	485863.09	3855877.25	6.24E-03	7.64E-03	6.73E-03	2.16E-06	6.53E-06	3.78E-06	4.63E-06	4.20E-06	1.91E-06	1.69E-06	7.22E-08	1.74E-06	3.85E-07	6.28E-07	9.97E-07	1.76E-07	8.85E-07	4.89E-06
4190	486363.09	3855877.25	2.54E-03	3.11E-03	2.73E-03	8.79E-07	2.65E-06	1.54E-06	1.88E-06	1.71E-06	7.78E-07	6.85E-07	2.93E-08	7.09E-07	1.56E-07	2.55E-07	4.05E-07	7.14E-08	3.60E-07	1.99E-06
4191	486863.09	3855877.25	1.69E-03	2.08E-03	1.83E-03	5.87E-07	1.77E-06	1.03E-06	1.26E-06	1.14E-06	5.20E-07	4.58E-07	1.96E-08	4.74E-07	1.05E-07	1.71E-07	2.71E-07	4.77E-08	2.40E-07	1.33E-06
4192	487363.09	3855877.25	1.37E-03	1.68E-03	1.48E-03	4.76E-07	1.44E-06	8.31E-07	1.02E-06	9.23E-07	4.21E-07	3.71E-07	1.59E-08	3.84E-07	8.47E-08	1.38E-07	2.19E-07	3.87E-08	1.94E-07	1.07E-06
4193	487863.09	3855877.25	1.14E-03	1.40E-03	1.23E-03	3.97E-07	1.20E-06	6.93E-07	8.49E-07	7.70E-07	3.51E-07	3.09E-07	1.32E-08	3.20E-07	7.06E-08	1.15E-07	1.83E-07	3.22E-08	1.62E-07	8.96E-07
4194	488363.09	3855877.25	9.66E-04	1.18E-03	1.04E-03	3.35E-07	1.01E-06	5.85E-07	7.17E-07	6.50E-07	2.96E-07	2.61E-07	1.12E-08	2.70E-07	5.96E-08	9.73E-08	1.54E-07	2.72E-08	1.37E-07	7.56E-07
4195	488863.09	3855877.25	8.29E-04	1.02E-03	8.93E-04	2.87E-07	8.68E-07	5.02E-07	6.15E-07	5.58E-07	2.55E-07	2.24E-07	9.60E-09	2.32E-07	5.12E-08	8.35E-08	1.33E-07	2.34E-08	1.17E-07	6.49E-07
4196	489363.09	3855877.25	7.20E-04	8.82E-04	7.75E-04	2.50E-07	7.54E-07	4.36E-07	5.34E-07	4.84E-07	2.21E-07	1.94E-07	8.34E-09	2.01E-07	4.44E-08	7.26E-08	1.15E-07	2.03E-08	1.02E-07	5.64E-07
4197	489863.09	3855877.25	6.32E-04	7.74E-04	6.80E-04	2.19E-07	6.61E-07	3.83E-07	4.69E-07	4.25E-07	1.94E-07	1.70E-07	7.31E-09	1.77E-07	3.90E-08	6.37E-08	1.01E-07	1.78E-08	8.94E-08	4.95E-07
4198	490363.09	3855877.25	5.60E-04	6.86E-04	6.02E-04	1.94E-07	5.86E-07	3.39E-07	4.16E-07	3.77E-07	1.72E-07	1.51E-07	6.48E-09	1.57E-07	3.46E-08	5.64E-08	8.95E-08	1.58E-08	7.92E-08	4.39E-07
4199	490863.09	3855877.25	4.97E-04	6.08E-04	5.34E-04	1.72E-07	5.20E-07	3.01E-07	3.69E-07	3.34E-07	1.52E-07	1.34E-07	5.75E-09	1.39E-07	3.06E-08	5.00E-08	7.94E-08	1.40E-08	7.02E-08	3.89E-07
4200	491363.09	3855877.25	4.24E-04	5.19E-04	4.55E-04	1.47E-07	4.43E-07	2.57E-07	3.14E-07	2.85E-07	1.30E-07	1.14E-07	4.90E-09	1.18E-07	2.61E-08	4.27E-08	6.77E-08	1.19E-08	5.99E-08	3.32E-07
4201	491863.09	3855877.25	4.01E-04	4.91E-04	4.30E-04	1.39E-07	4.19E-07	2.43E-07	2.97E-07	2.69E-07	1.23E-07	1.08E-07	4.64E-09	1.12E-07	2.47E-08	4.04E-08	6.40E-08	1.13E-08	5.66E-08	3.14E-07
4202	492363.09	3855877.25	3.58E-04	4.38E-04	3.84E-04	1.24E-07	3.74E-07	2.17E-07	2.65E-07	2.41E-07	1.10E-07	9.63E-08	4.14E-09	1.00E-07	2.21E-08	3.60E-08	5.72E-08	1.01E-08	5.05E-08	2.80E-07
4203	492863.09	3855877.25	3.21E-04	3.93E-04	3.44E-04	1.11E-07	3.35E-07	1.94E-07	2.38E-07	2.16E-07	9.84E-08	8.63E-08	3.71E-09	8.96E-08	1.98E-08	3.23E-08	5.12E-08	9.03E-09	4.53E-08	2.51E-07
4204	493363.09	3855877.25	2.53E-04	3.09E-04	2.71E-04	8.75E-08	2.64E-07	1.53E-07	1.87E-07	1.70E-07	7.75E-08	6.80E-08	2.92E-09	7.06E-08	1.56E-08	2.54E-08	4.04E-08	7.11E-09	3.57E-08	1.98E-07
4205	493863.09	3855877.25	1.78E-04	2.18E-04	1.91E-04	6.15E-08	1.86E-07	1.08E-07	1.32E-07	1.19E-07	5.45E-08	4.78E-08	2.06E-09	4.96E-08	1.10E-08	1.79E-08	2.84E-08	5.00E-09	2.51E-08	1.39E-07
4206	494363.09	3855877.25	1.23E-04	1.50E-04	1.32E-04	4.25E-08	1.28E-07	7.42E-08	9.09E-08	8.24E-08	3.76E-08	3.30E-08	1.42E-09	3.42E-08	7.56E-09	1.23E-08	1.96E-08	3.45E-09	1.73E-08	9.59E-08
4207	494863.09	3855877.25	9.06E-05	1.11E-04	9.73E-05	3.14E-08	9.48E-08	5.49E-08	6.72E-08	6.09E-08	2.78E-08	2.44E-08	1.05E-09	2.53E-08	5.59E-09	9.12E-09	1.45E-08	2.55E-09	1.28E-08	7.09E-08
4208	495363.09	3855877.25	6.41E-05	7.85E-05	6.89E-05	2.22E-08	6.71E-08	3.88E-08	4.76E-08	4.31E-08	1.97E-08	1.73E-08	7.42E-10	1.79E-08	3.96E-09	6.46E-09	1.02E-08	1.81E-09	9.05E-09	5.02E-08
4209	495863.09	3855877.25	6.03E-05	7.39E-05	6.48E-05	2.09E-08	6.31E-08	3.66E-08	4.48E-08	4.06E-08	1.85E-08	1.62E-08	6.98E-10	1.69E-08	3.72E-09	6.08E-09	9.64E-09	1.70E-09	8.52E-09	4.72E-08
4210	496363.09	3855877.25	5.79E-05	7.09E-05	6.21E-05	2.01E-08	6.06E-08	3.51E-08	4.29E-08	3.89E-08	1.78E-08	1.56E-08	6.70E-10	1.62E-08	3.57E-09	5.83E-09	9.25E-09	1.63E-09	8.17E-09	4.53E-08
4211	496863.09	3855877.25	5.82E-05	7.12E-05	6.24E-05	2.02E-08	6.09E-08	3.52E-08	4.31E-08	3.91E-08	1.78E-08	1.56E-08	6.73E-10	1.63E-08	3.59E-09	5.86E-09	9.29E-09	1.64E-09	8.21E-09	4.55E-08
4212	497363.09	3855877.25	5.90E-05	7.22E-05	6.33E-05	2.04E-08	6.17E-08	3.57E-08	4.38E-08	3.97E-08	1.81E-08	1.59E-08	6.83E-10	1.65E-08	3.64E-09	5.94E-09	9.43E-09	1.66E-09	8.33E-09	4.62E-08
4213	497863.09	3855877.25	6.11E-05	7.48E-05	6.56E-05	2.12E-08	6.39E-08	3.70E-08	4.53E-08	4.11E-08	1.87E-08	1.64E-08	7.07E-10	1.71E-08	3.77E-09	6.15E-09	9.76E-09	1.72E-09	8.62E-09	4.78E-08
4214	498363.09	3855877.25	6.80E-05	8.32E-05	7.30E-05	2.36E-08	7.11E-08	4.12E-08	5.04E-08	4.57E-08	2.09E-08	1.83E-08	7.87E-10	1.90E-08	4.19E-09	6.85E-09	1.09E-08	1.91E-09	9.60E-09	5.32E-08
4215	471363.09	3856377.25	1.77E-05	2.17E-05	1.90E-05	6.13E-09	1.85E-08	1.07E-08	1.31E-08	1.19E-08	5.43E-09	4.76E-09	2.05E-10	4.94E-09	1.09E-09	1.78E-09	2.83E-09	4.98E-10	2.50E-09	1.38E-08
4216	471863.09	3856377.25	1.86E-05	2.27E-05	1.99E-05	6.43E-09	1.94E-08	1.12E-08	1.38E-08	1.25E-08	5.69E-09	4.99E-09	2.15E-10	5.19E-09	1.14E-09	1.87E-09	2.97E-09	5.23E-10	2.62E-09	1.45E-08
4217	472363.09	3856377.25	2.00E-05	2.44E-05	2.14E-05	6.91E-09	2.09E-08	1.21E-08	1.48E-08	1.34E-08	6.12E-09	5.37E-09	2.31E-10	5.58E-09	1.23E-09	2.01E-09	3.19E-09	5.62E-10	2.82E-09	1.56E-08
4218	472863.09	3856377.25	2.17E-05	2.65E-05	2.33E-05	7.51E-09	2.27E-08	1.31E-08	1.61E-08	1.46E-08	6.65E-09	5.83E-09	2.51E-10	6.06E-09	1.34E-09	2.18E-09	3.46E-09	6.10E-10	3.06E-09	1.70E-08
4219	473363.09	3856377.25	2.33E-05	2.85E-05	2.50E-05	8.07E-09	2.44E-08	1.41E-08	1.73E-08	1.57E-08	7.15E-09	6.26E-09	2.69E-10	6.51E-09	1.44E-09	2.35E-09	3.72E-09	6.56E-10	3.29E-09	1.82E-08
4220	473863.09	3856377.25	2.58E-05	3.16E-05	2.77E-05	8.93E-09	2.70E-08	1.56E-08	1.91E-08	1.73E-08	7.91E-09	6.94E-09	2.98E-10	7.21E-09	1.59E-09	2.60E-09	4.12E-09	7.26E-10	3.64E-09	2.02E-08
4221	474363.09	3856377.25	2.63E-05	3.22E-05	2.82E-05	9.11E-09	2.75E-08	1.59E-08	1.95E-08	1.77E-08	8.07E-09	7.08E-09	3.04E-10	7.35E-09	1.62E-09	2.65E-09	4.20E-09	7.41E-10	3.71E-09	2.06E-08
4222	474863.09	3856377.25	2.59E-05	3.17E-05	2.78E-05	8.96E-09	2.71E-08	1.57E-08	1.92E-08	1.74E-08	7.94E-09	6.96E-09	2.99E-10	7.23E-09	1.60E-09	2.61E-09	4.13E-09	7.29E-10	3.65E-09	2.02E-08
4223	475363.09	3856377.25	2.18E-05	2.67E-05	2.34E-05	7.55E-09	2.28E-08	1.32E-08	1.62E-08	1.47E-08	6.69E-09	5.87E-09	2.52E-10	6.09E-09	1.34E-09	2.20E-09	3.48E-09	6.14E-10	3.08E-09	1.71E-08
4224	475863.09	3856377.25	1.51E-05	1.85E-05	1.62E-05	5.23E-09	1.58E-08	9.14E-09	1.12E-08	1.01E-08	4.63E-09	4.06E-09	1.75E-10	4.22E-09	9.31E-10	1.52E-09	2.41E-09	4.25E-10	2.13E-09	1.18E-08
4225	476363.09	3856377.25	1.42E-05	1.74E-05	1.52E-05	4.91E-09	1.48E-08	8.59E-09	1.05E-08	9.54E-09	4.35E-09	3.82E-09	1.64E-10	3.96E-09	8.75E-10	1.43E-09	2.27E-09	3.99E-10	2.00E-09	1.11E-08
4226	476863.09	3856377.25	1.46E-05	1.79E-05	1.57E-05	5.07E-09	1.53E-08	8.86E-09	1.09E-08	9.84E-09	4.49E-09	3.94E-09	1.69E-10	4.09E-09	9.02E-10	1.47E-09	2.34E-09	4.12E-10	2.07E-09	1.15E-08
4227	477363.09	3856377.25	1.59E-05	1.95E-05	1.71E-05	5.52E-09	1.67E-08	9.65E-09	1.18E-08	1.07E-08	4.89E-09	4.29E-09	1.84E-10	4.45E-09	9.82E-10	1.60E-09	2.54E-09	4.49E-10	2.25E-09	1.25E-08
4228	477863.09	3856377.25	1.28E-05	1.57E-05	1.38E-05	4.45E-09	1.34E-08	7.78E-09	9.53E-09	8.64E-09	3.94E-09	3.46E-09	1.49E-10	3.59E-09	7.92E-10	1.29E-09	2.05E-09	3.62E-10	1.81E-09	1.01E-08

4229	478363.09	3856377.25	1.16E-05	1.42E-05	1.25E-05	4.02E-09	1.21E-08	7.03E-09	8.60E-09	7.80E-09	3.56E-09	3.12E-09	1.34E-10	3.24E-09	7.15E-10	1.17E-09	1.85E-09	3.27E-10	1.64E-09	9.08E-09
4230	478863.09	3856377.25	2.43E-05	2.98E-05	2.61E-05	8.42E-09	2.54E-08	1.47E-08	1.80E-08	1.63E-08	7.46E-09	6.54E-09	2.81E-10	6.79E-09	1.50E-09	2.45E-09	3.88E-09	6.84E-10	3.43E-09	1.90E-08
4231	479363.09	3856377.25	3.34E-05	4.09E-05	3.59E-05	1.16E-08	3.49E-08	2.02E-08	2.48E-08	2.25E-08	1.02E-08	8.99E-09	3.86E-10	9.33E-09	2.06E-09	3.36E-09	5.34E-09	9.41E-10	4.72E-09	2.61E-08
4232	479863.09	3856377.25	5.96E-05	7.31E-05	6.41E-05	2.07E-08	6.24E-08	3.61E-08	4.43E-08	4.01E-08	1.83E-08	1.60E-08	6.90E-10	1.67E-08	3.68E-09	6.01E-09	9.53E-09	1.68E-09	8.42E-09	4.67E-08
4233	480363.09	3856377.25	9.08E-05	1.11E-04	9.74E-05	3.15E-08	9.50E-08	5.50E-08	6.73E-08	6.10E-08	2.79E-08	2.44E-08	1.05E-09	2.54E-08	5.60E-09	9.14E-09	1.45E-08	2.56E-09	1.28E-08	7.10E-08
4234	480863.09	3856377.25	1.20E-04	1.46E-04	1.28E-04	4.14E-08	1.25E-07	7.24E-08	8.87E-08	8.04E-08	3.67E-08	3.21E-08	1.38E-09	3.34E-08	7.37E-09	1.20E-08	1.91E-08	3.37E-09	1.69E-08	9.35E-08
4235	481363.09	3856377.25	1.52E-04	1.87E-04	1.63E-04	5.28E-08	1.59E-07	9.23E-08	1.13E-07	1.02E-07	4.68E-08	4.10E-08	1.76E-09	4.26E-08	9.40E-09	1.53E-08	2.43E-08	4.29E-09	2.15E-08	1.19E-07
4236	481863.09	3856377.25	1.82E-04	2.23E-04	1.95E-04	6.30E-08	1.90E-07	1.10E-07	1.35E-07	1.22E-07	5.58E-08	4.89E-08	2.10E-09	5.08E-08	1.12E-08	1.83E-08	2.90E-08	5.12E-09	2.57E-08	1.42E-07
4237	482363.09	3856377.25	2.04E-04	2.50E-04	2.19E-04	7.08E-08	2.14E-07	1.24E-07	1.51E-07	1.37E-07	6.27E-08	5.50E-08	2.36E-09	5.71E-08	1.26E-08	2.06E-08	3.26E-08	5.75E-09	2.88E-08	1.60E-07
4238	482863.09	3856377.25	2.49E-04	3.06E-04	2.68E-04	8.65E-08	2.61E-07	1.51E-07	1.85E-07	1.68E-07	7.66E-08	6.71E-08	2.89E-09	6.97E-08	1.54E-08	2.51E-08	3.99E-08	7.03E-09	3.52E-08	1.95E-07
4239	483363.09	3856377.25	3.12E-04	3.82E-04	3.35E-04	1.08E-07	3.26E-07	1.89E-07	2.31E-07	2.10E-07	9.57E-08	8.39E-08	3.61E-09	8.72E-08	1.92E-08	3.14E-08	4.98E-08	8.78E-09	4.40E-08	2.44E-07
4240	483863.09	3856377.25	4.01E-04	4.91E-04	4.31E-04	1.39E-07	4.19E-07	2.43E-07	2.97E-07	2.69E-07	1.23E-07	1.08E-07	4.64E-09	1.12E-07	2.47E-08	4.04E-08	6.40E-08	1.13E-08	5.66E-08	3.14E-07
4241	484363.09	3856377.25	5.25E-04	6.42E-04	5.64E-04	1.82E-07	5.49E-07	3.18E-07	3.89E-07	3.53E-07	1.61E-07	1.41E-07	6.07E-09	1.47E-07	3.24E-08	5.28E-08	8.38E-08	1.48E-08	7.42E-08	4.11E-07
4242	484863.09	3856377.25	7.54E-04	9.23E-04	8.12E-04	2.61E-07	7.89E-07	4.57E-07	5.59E-07	5.07E-07	2.31E-07	2.03E-07	8.72E-09	2.11E-07	4.65E-08	7.59E-08	1.20E-07	2.12E-08	1.07E-07	5.90E-07
4243	485363.09	3856377.25	1.38E-03	1.69E-03	1.49E-03	4.80E-07	1.45E-06	8.38E-07	1.03E-06	9.31E-07	4.25E-07	3.74E-07	1.60E-08	3.87E-07	8.53E-08	1.39E-07	2.21E-07	3.90E-08	1.96E-07	1.08E-06
4244	485863.09	3856377.25	5.25E-03	6.43E-03	5.67E-03	1.82E-06	5.50E-06	3.18E-06	3.90E-06	3.53E-06	1.61E-06	1.42E-06	6.08E-08	1.47E-06	3.24E-07	5.29E-07	8.39E-07	1.48E-07	7.46E-07	4.12E-06
4245	486363.09	3856377.25	6.64E-03	8.14E-03	7.17E-03	2.30E-06	6.95E-06	4.02E-06	4.93E-06	4.47E-06	2.04E-06	1.80E-06	7.69E-08	1.86E-06	4.10E-07	6.69E-07	1.06E-06	1.87E-07	9.43E-07	5.21E-06
4246	486863.09	3856377.25	3.07E-03	3.77E-03	3.32E-03	1.07E-06	3.22E-06	1.86E-06	2.28E-06	2.07E-06	9.44E-07	8.31E-07	3.56E-08	8.60E-07	1.90E-07	3.10E-07	4.91E-07	8.66E-08	4.36E-07	2.41E-06
4247	487363.09	3856377.25	2.04E-03	2.50E-03	2.20E-03	7.08E-07	2.14E-06	1.24E-06	1.52E-06	1.37E-06	6.27E-07	5.52E-07	2.37E-08	5.71E-07	1.26E-07	2.06E-07	3.27E-07	5.76E-08	2.90E-07	1.60E-06
4248	487863.09	3856377.25	1.54E-03	1.88E-03	1.65E-03	5.32E-07	1.61E-06	9.30E-07	1.14E-06	1.03E-06	4.71E-07	4.15E-07	1.78E-08	4.29E-07	9.47E-08	1.55E-07	2.45E-07	4.32E-08	2.18E-07	1.20E-06
4249	488363.09	3856377.25	1.22E-03	1.49E-03	1.31E-03	4.22E-07	1.27E-06	7.37E-07	9.03E-07	8.18E-07	3.73E-07	3.28E-07	1.41E-08	3.40E-07	7.51E-08	1.23E-07	1.94E-07	3.43E-08	1.72E-07	9.53E-07
4250	488863.09	3856377.25	1.00E-03	1.22E-03	1.08E-03	3.46E-07	1.05E-06	6.06E-07	7.42E-07	6.72E-07	3.07E-07	2.69E-07	1.16E-08	2.79E-07	6.17E-08	1.01E-07	1.60E-07	2.82E-08	1.41E-07	7.83E-07
4251	489363.09	3856377.25	8.42E-04	1.03E-03	9.05E-04	2.92E-07	8.81E-07	5.10E-07	6.25E-07	5.66E-07	2.58E-07	2.27E-07	9.74E-09	2.35E-07	5.19E-08	8.48E-08	1.35E-07	2.37E-08	1.19E-07	6.59E-07
4252	489863.09	3856377.25	7.22E-04	8.85E-04	7.76E-04	2.50E-07	7.56E-07	4.38E-07	5.36E-07	4.86E-07	2.22E-07	1.94E-07	8.36E-09	2.02E-07	4.46E-08	7.28E-08	1.15E-07	2.03E-08	1.02E-07	5.65E-07
4253	490363.09	3856377.25	6.27E-04	7.68E-04	6.73E-04	2.17E-07	6.56E-07	3.80E-07	4.65E-07	4.22E-07	1.92E-07	1.69E-07	7.26E-09	1.75E-07	3.87E-08	6.32E-08	1.00E-07	1.77E-08	8.85E-08	4.91E-07
4254	490863.09	3856377.25	5.51E-04	6.74E-04	5.91E-04	1.91E-07	5.76E-07	3.33E-07	4.08E-07	3.70E-07	1.69E-07	1.48E-07	6.37E-09	1.54E-07	3.40E-08	5.55E-08	8.80E-08	1.55E-08	7.77E-08	4.31E-07
4255	491363.09	3856377.25	4.87E-04	5.97E-04	5.23E-04	1.69E-07	5.10E-07	2.95E-07	3.61E-07	3.28E-07	1.49E-07	1.31E-07	5.64E-09	1.36E-07	3.00E-08	4.91E-08	7.78E-08	1.37E-08	6.88E-08	3.81E-07
4256	491863.09	3856377.25	4.33E-04	5.30E-04	4.64E-04	1.50E-07	4.53E-07	2.62E-07	3.21E-07	2.91E-07	1.33E-07	1.16E-07	5.01E-09	1.21E-07	2.67E-08	4.36E-08	6.91E-08	1.22E-08	6.11E-08	3.39E-07
4257	492363.09	3856377.25	3.81E-04	4.66E-04	4.09E-04	1.32E-07	3.98E-07	2.31E-07	2.83E-07	2.56E-07	1.17E-07	1.02E-07	4.41E-09	1.06E-07	2.35E-08	3.84E-08	6.09E-08	1.07E-08	5.37E-08	2.98E-07
4258	492863.09	3856377.25	3.14E-04	3.85E-04	3.37E-04	1.09E-07	3.29E-07	1.90E-07	2.33E-07	2.11E-07	9.64E-08	8.45E-08	3.64E-09	8.78E-08	1.94E-08	3.16E-08	5.02E-08	8.85E-09	4.43E-08	2.46E-07
4259	493363.09	3856377.25	2.03E-04	2.48E-04	2.18E-04	7.03E-08	2.12E-07	1.23E-07	1.50E-07	1.36E-07	6.22E-08	5.46E-08	2.35E-09	5.67E-08	1.25E-08	2.04E-08	3.24E-08	5.71E-09	2.86E-08	1.59E-07
4260	493863.09	3856377.25	1.53E-04	1.87E-04	1.64E-04	5.30E-08	1.60E-07	9.26E-08	1.13E-07	1.03E-07	4.69E-08	4.11E-08	1.77E-09	4.27E-08	9.43E-09	1.54E-08	2.44E-08	4.31E-09	2.16E-08	1.20E-07
4261	494363.09	3856377.25	1.08E-04	1.32E-04	1.16E-04	3.74E-08	1.13E-07	6.54E-08	8.01E-08	7.27E-08	3.32E-08	2.91E-08	1.25E-09	3.02E-08	6.66E-09	1.09E-08	1.73E-08	3.04E-09	1.53E-08	8.45E-08
4262	494863.09	3856377.25	7.92E-05	9.70E-05	8.50E-05	2.74E-08	8.29E-08	4.80E-08	5.88E-08	5.33E-08	2.43E-08	2.13E-08	9.17E-10	2.21E-08	4.89E-09	7.98E-09	1.27E-08	2.23E-09	1.12E-08	6.20E-08
4263	495363.09	3856377.25	6.31E-05	7.73E-05	6.78E-05	2.19E-08	6.60E-08	3.82E-08	4.68E-08	4.24E-08	1.94E-08	1.70E-08	7.30E-10	1.76E-08	3.89E-09	6.36E-09	1.01E-08	1.78E-09	8.91E-09	4.94E-08
4264	495863.09	3856377.25	5.90E-05	7.22E-05	6.33E-05	2.04E-08	6.17E-08	3.57E-08	4.37E-08	3.97E-08	1.81E-08	1.59E-08	6.82E-10	1.65E-08	3.64E-09	5.94E-09	9.42E-09	1.66E-09	8.32E-09	4.61E-08
4265	496363.09	3856377.25	5.77E-05	7.07E-05	6.20E-05	2.00E-08	6.04E-08	3.50E-08	4.28E-08	3.88E-08	1.77E-08	1.55E-08	6.68E-10	1.61E-08	3.56E-09	5.81E-09	9.22E-09	1.63E-09	8.15E-09	4.52E-08
4266	496863.09	3856377.25	6.06E-05	7.42E-05	6.51E-05	2.10E-08	6.34E-08	3.67E-08	4.50E-08	4.08E-08	1.86E-08	1.63E-08	7.01E-10	1.69E-08	3.74E-09	6.10E-09	9.68E-09	1.71E-09	8.56E-09	4.74E-08
4267	497363.09	3856377.25	6.29E-05	7.70E-05	6.75E-05	2.18E-08	6.58E-08	3.81E-08	4.67E-08	4.23E-08	1.93E-08	1.69E-08	7.28E-10	1.76E-08	3.88E-09	6.34E-09	1.01E-08	1.77E-09	8.88E-09	4.92E-08
4268	497863.09	3856377.25	6.77E-05	8.29E-05	7.27E-05	2.35E-08	7.08E-08	4.10E-08	5.02E-08	4.55E-08	2.08E-08	1.82E-08	7.83E-10	1.89E-08	4.17E-09	6.82E-09	1.08E-08	1.91E-09	9.56E-09	5.30E-08
4269	498363.09	3856377.25	7.43E-05	9.10E-05	7.98E-05	2.58E-08	7.78E-08	4.50E-08	5.52E-08	5.00E-08	2.28E-08	2.00E-08	8.60E-10	2.08E-08	4.59E-09	7.49E-09	1.19E-08	2.09E-09	1.05E-08	5.82E-08
4270	471363.09	3856877.25	1.81E-05	2.22E-05	1.94E-05	6.28E-09	1.90E-08	1.10E-08	1.34E-08	1.22E-08	5.56E-09	4.87E-09	2.10E-10	5.06E-09	1.12E-09	1.82E-09	2.89E-09	5.10E-10	2.56E-09	1.42E-08
4271	471863.09	3856877.25	1.88E-05	2.30E-05	2.02E-05	6.52E-09	1.97E-08	1.14E-08	1.40E-08	1.27E-08	5.77E-09	5.06E-09	2.18E-10	5.26E-09	1.16E-09	1.90E-09	3.01E-09	5.30E-10	2.66E-09	1.47E-08
4272	472363.09	3856877.25	2.01E-05	2.47E-05	2.16E-05	6.98E-09	2.11E-08	1.22E-08	1.49E-08	1.36E-08	6.18E-09	5.42E-09	2.33E-10	5.63E-09	1.24E-09	2.03E-09	3.22E-09	5.67E-10	2.84E-09	1.58E-08
4273	472863.09	3856877.25	2.16E-05	2.64E-05	2.32E-05	7.48E-09	2.26E-08	1.31E-08	1.60E-08	1.45E-08	6.62E-09	5.81E-09	2.50E-10	6.03E-09	1.33E-09	2.17E-09	3.45E-09	6.08E-10	3.05E-09	1.69E-08
4274	473363.09	3856877.25	2.39E-05	2.93E-05	2.57E-05	8.29E-09	2.50E-08	1.45E-08	1.77E-08	1.61E-08	7.34E-09	6.43E-09	2.77E-10	6.69E-09	1.48E-09	2.41E-09	3.82E-09	6.74E-10	3.38E-09	1.87E-08
4275	473863.09	3856877.25	2.56E-05	3.14E-05	2.75E-05	8.89E-09	2.68E-08	1.55E-08	1.90E-08	1.73E-08	7.87E-09	6.90E-09	2.97E-10	7.17E-09	1.58E-09	2.58E-09	4.10E-09	7.22E-10	3.62E-09	2.01E-08
4276	474363.09	3856877.25	2.59E-05	3.18E-05	2.78E-05	8.98E-09	2.71E-08	1.57E-08	1.92E-08	1.74E-08	7.96E-09	6.97E-09	3.00E-10	7.25E-09	1.60E-09	2.61E-09	4.14E-09	7.30E-10	3.66E-09	2.03E-08
4277	474863.09	3856877.25	2.52E-05	3.09E-05	2.71E-05	8.74E-09	2.64E-08	1.53E-08	1.87E-08	1.70E-08	7.74E-09	6.79E-09	2.92E-10	7.05E-09	1.56E-09	2.54E-09	4.03E-09	7.11E-10	3.56E-09	1.97E-08
4278	475363.09	3856877.25	2.23E-05	2.74E-05	2.40E-05	7.74E-09	2.34E-08	1.35E-08	1.66E-08	1.50E-08	6.86E-09	6.01E-09	2.59E-10	6.24E-09	1.38E-09	2.25E-09	3.57E-09	6.29E-10	3.15E-09	1.75E-08
4279	475863.09	3856877.25	2.27E-05	2.79E-05	2.44E-05	7.88E-09	2.38E-08	1.38E-08	1.69E-08	1.53E-08	6.98E-09	6.12E-09	2.63E-10	6.36E-09	1.40E-09	2.29E-09	3.64E-09	6.41E-10	3.21E-09	1.78E-08
4280	476363.09	3856877.25	2.01E-05	2.46E-05	2.15E-05	6.95E-09	2.10E-08	1.22E-08	1.49E-08	1.35E-08	6.16E-09	5.40E-09	2.32E-10	5.61E-09	1.24E-09	2.02E-09	3.21E-09	5.65E-10	2.83E-09	1.57E-08
4281	476863.09	3856877.25	1.95E-05	2.39E-05	2.10E-05	6.77E-09	2.04E-08	1.18E-08	1.45E-08	1.31E-08	5.99E-09	5.26E-09	2.26E-10	5.46E-09	1.20E-09	1.97E-09	3.12E-09	5.50E-10	2.76E-09	1.53E-08
4282	477363.09	3856877.25	1.74E-05	2.13E-05	1.86E-05	6.02E-09	1.82E-08	1.05E-08	1.29E-08	1.17E-08	5.33E-09	4.67E-09	2.01E-10	4.85E-09	1.07E-09	1.75E-09	2.78E-09	4.89E-10	2.45E-09	1.36E-08
4283	477863.09	3856877.25	1.17E-05	1.44E-05	1.26E-05	4.06E-09	1.23E-08	7.10E-09	8.70E-09	7.89E-09	3.60E-09	3.15E-09	1.36E-10	3.28E-09	7.23E-10	1.18E-09	1.87E-09	3.30E-10	1.66E-09	9.18E-09

4284	478363.09	3856877.25	1.04E-05	1.28E-05	1.12E-05	3.62E-09	1.09E-08	6.32E-09	7.74E-09	7.02E-09	3.20E-09	2.81E-09	1.21E-10	2.92E-09	6.44E-10	1.05E-09	1.67E-09	2.94E-10	1.47E-09	8.17E-09
4285	478863.09	3856877.25	1.36E-05	1.67E-05	1.47E-05	4.73E-09	1.43E-08	8.26E-09	1.01E-08	9.18E-09	4.19E-09	3.67E-09	1.58E-10	3.81E-09	8.42E-10	1.37E-09	2.18E-09	3.84E-10	1.93E-09	1.07E-08
4286	479363.09	3856877.25	1.90E-05	2.33E-05	2.04E-05	6.59E-09	1.99E-08	1.15E-08	1.41E-08	1.28E-08	5.84E-09	5.12E-09	2.20E-10	5.32E-09	1.17E-09	1.92E-09	3.04E-09	5.36E-10	2.69E-09	1.49E-08
4287	479863.09	3856877.25	5.44E-05	6.67E-05	5.85E-05	1.89E-08	5.70E-08	3.30E-08	4.04E-08	3.66E-08	1.67E-08	1.46E-08	6.30E-10	1.52E-08	3.36E-09	5.48E-09	8.70E-09	1.53E-09	7.69E-09	4.26E-08
4288	480363.09	3856877.25	8.81E-05	1.08E-04	9.46E-05	3.05E-08	9.22E-08	5.34E-08	6.54E-08	5.93E-08	2.70E-08	2.37E-08	1.02E-09	2.46E-08	5.44E-09	8.88E-09	1.41E-08	2.48E-09	1.24E-08	6.90E-08
4289	480863.09	3856877.25	1.16E-04	1.42E-04	1.25E-04	4.03E-08	1.22E-07	7.04E-08	8.62E-08	7.81E-08	3.57E-08	3.12E-08	1.34E-09	3.25E-08	7.16E-09	1.17E-08	1.86E-08	3.27E-09	1.64E-08	9.09E-08
4290	481363.09	3856877.25	1.40E-04	1.72E-04	1.51E-04	4.86E-08	1.47E-07	8.50E-08	1.04E-07	9.44E-08	4.31E-08	3.78E-08	1.62E-09	3.92E-08	8.66E-09	1.41E-08	2.24E-08	3.95E-09	1.98E-08	1.10E-07
4291	481863.09	3856877.25	1.65E-04	2.02E-04	1.77E-04	5.70E-08	1.72E-07	9.97E-08	1.22E-07	1.11E-07	5.05E-08	4.43E-08	1.90E-09	4.60E-08	1.01E-08	1.66E-08	2.63E-08	4.63E-09	2.32E-08	1.29E-07
4292	482363.09	3856877.25	1.83E-04	2.25E-04	1.97E-04	6.36E-08	1.92E-07	1.11E-07	1.36E-07	1.23E-07	5.63E-08	4.94E-08	2.12E-09	5.13E-08	1.13E-08	1.85E-08	2.93E-08	5.16E-09	2.59E-08	1.44E-07
4293	482863.09	3856877.25	2.15E-04	2.64E-04	2.31E-04	7.46E-08	2.25E-07	1.30E-07	1.60E-07	1.45E-07	6.61E-08	5.80E-08	2.49E-09	6.02E-08	1.33E-08	2.17E-08	3.44E-08	6.07E-09	3.04E-08	1.69E-07
4294	483363.09	3856877.25	2.59E-04	3.18E-04	2.79E-04	8.99E-08	2.72E-07	1.57E-07	1.93E-07	1.75E-07	7.96E-08	6.99E-08	3.00E-09	7.25E-08	1.60E-08	2.61E-08	4.15E-08	7.31E-09	3.67E-08	2.03E-07
4295	483863.09	3856877.25	3.18E-04	3.89E-04	3.41E-04	1.10E-07	3.32E-07	1.92E-07	2.36E-07	2.14E-07	9.75E-08	8.56E-08	3.68E-09	8.88E-08	1.96E-08	3.20E-08	5.08E-08	8.94E-09	4.49E-08	2.49E-07
4296	484363.09	3856877.25	3.96E-04	4.84E-04	4.26E-04	1.37E-07	4.14E-07	2.40E-07	2.93E-07	2.66E-07	1.21E-07	1.07E-07	4.58E-09	1.11E-07	2.44E-08	3.98E-08	6.32E-08	1.11E-08	5.60E-08	3.10E-07
4297	484863.09	3856877.25	5.05E-04	6.19E-04	5.44E-04	1.75E-07	5.29E-07	3.06E-07	3.75E-07	3.40E-07	1.55E-07	1.36E-07	5.85E-09	1.41E-07	3.12E-08	5.09E-08	8.08E-08	1.42E-08	7.15E-08	3.96E-07
4298	485363.09	3856877.25	7.14E-04	8.74E-04	7.68E-04	2.47E-07	7.47E-07	4.32E-07	5.29E-07	4.80E-07	2.19E-07	1.92E-07	8.26E-09	2.00E-07	4.40E-08	7.19E-08	1.14E-07	2.01E-08	1.01E-07	5.59E-07
4299	485863.09	3856877.25	1.19E-03	1.45E-03	1.28E-03	4.11E-07	1.24E-06	7.19E-07	8.80E-07	7.98E-07	3.64E-07	3.20E-07	1.37E-08	3.32E-07	7.32E-08	1.20E-07	1.90E-07	3.34E-08	1.68E-07	9.29E-07
4300	486363.09	3856877.25	5.40E-03	6.62E-03	5.83E-03	1.87E-06	5.65E-06	3.27E-06	4.01E-06	3.63E-06	1.66E-06	1.46E-06	6.25E-08	1.51E-06	3.33E-07	5.44E-07	8.64E-07	1.52E-07	7.67E-07	4.23E-06
4301	486863.09	3856877.25	8.01E-03	9.80E-03	8.64E-03	2.77E-06	8.38E-06	4.85E-06	5.94E-06	5.38E-06	2.46E-06	2.16E-06	9.26E-08	2.24E-06	4.94E-07	8.06E-07	1.28E-06	2.25E-07	1.14E-06	6.27E-06
4302	487363.09	3856877.25	3.21E-03	3.93E-03	3.45E-03	1.11E-06	3.36E-06	1.94E-06	2.38E-06	2.16E-06	9.84E-07	8.65E-07	3.71E-08	8.96E-07	1.98E-07	3.23E-07	5.12E-07	9.03E-08	4.54E-07	2.51E-06
4303	487863.09	3856877.25	1.95E-03	2.39E-03	2.09E-03	6.76E-07	2.04E-06	1.18E-06	1.45E-06	1.31E-06	5.98E-07	5.24E-07	2.26E-08	5.45E-07	1.20E-07	1.96E-07	3.12E-07	5.49E-08	2.75E-07	1.53E-06
4304	488363.09	3856877.25	1.43E-03	1.75E-03	1.53E-03	4.95E-07	1.49E-06	8.65E-07	1.06E-06	9.60E-07	4.38E-07	3.83E-07	1.65E-08	3.99E-07	8.81E-08	1.44E-07	2.28E-07	4.02E-08	2.01E-07	1.12E-06
4305	488863.09	3856877.25	1.13E-03	1.38E-03	1.21E-03	3.90E-07	1.18E-06	6.82E-07	8.35E-07	7.57E-07	3.45E-07	3.02E-07	1.30E-08	3.15E-07	6.94E-08	1.13E-07	1.80E-07	3.17E-08	1.58E-07	8.80E-07
4306	489363.09	3856877.25	9.20E-04	1.13E-03	9.85E-04	3.19E-07	9.63E-07	5.57E-07	6.83E-07	6.19E-07	2.82E-07	2.47E-07	1.06E-08	2.57E-07	5.68E-08	9.27E-08	1.47E-07	2.59E-08	1.30E-07	7.20E-07
4307	489863.09	3856877.25	7.72E-04	9.45E-04	8.27E-04	2.67E-07	8.07E-07	4.67E-07	5.72E-07	5.19E-07	2.37E-07	2.07E-07	8.93E-09	2.16E-07	4.76E-08	7.77E-08	1.23E-07	2.17E-08	1.09E-07	6.04E-07
4308	490363.09	3856877.25	6.59E-04	8.07E-04	7.06E-04	2.28E-07	6.90E-07	3.99E-07	4.89E-07	4.43E-07	2.02E-07	1.77E-07	7.63E-09	1.84E-07	4.07E-08	6.64E-08	1.05E-07	1.86E-08	9.29E-08	5.16E-07
4309	490863.09	3856877.25	5.70E-04	6.98E-04	6.11E-04	1.97E-07	5.96E-07	3.45E-07	4.23E-07	3.83E-07	1.75E-07	1.53E-07	6.59E-09	1.59E-07	3.51E-08	5.74E-08	9.10E-08	1.60E-08	8.03E-08	4.46E-07
4310	491363.09	3856877.25	4.99E-04	6.11E-04	5.35E-04	1.73E-07	5.22E-07	3.02E-07	3.70E-07	3.36E-07	1.53E-07	1.34E-07	5.78E-09	1.40E-07	3.08E-08	5.03E-08	7.98E-08	1.41E-08	7.04E-08	3.91E-07
4311	491863.09	3856877.25	4.40E-04	5.39E-04	4.72E-04	1.53E-07	4.61E-07	2.67E-07	3.27E-07	2.96E-07	1.35E-07	1.18E-07	5.10E-09	1.23E-07	2.72E-08	4.44E-08	7.04E-08	1.24E-08	6.21E-08	3.45E-07
4312	492363.09	3856877.25	3.64E-04	4.45E-04	3.90E-04	1.26E-07	3.80E-07	2.20E-07	2.70E-07	2.45E-07	1.12E-07	9.77E-08	4.21E-09	1.02E-07	2.24E-08	3.66E-08	5.81E-08	1.02E-08	5.13E-08	2.85E-07
4313	492863.09	3856877.25	2.86E-04	3.50E-04	3.06E-04	9.90E-08	2.99E-07	1.73E-07	2.12E-07	1.92E-07	8.77E-08	7.68E-08	3.31E-09	7.99E-08	1.76E-08	2.88E-08	4.56E-08	8.04E-09	4.03E-08	2.24E-07
4314	493363.09	3856877.25	2.04E-04	2.50E-04	2.19E-04	7.08E-08	2.14E-07	1.24E-07	1.52E-07	1.37E-07	6.27E-08	5.49E-08	2.36E-09	5.71E-08	1.26E-08	2.06E-08	3.26E-08	5.75E-09	2.88E-08	1.60E-07
4315	493863.09	3856877.25	1.35E-04	1.65E-04	1.45E-04	4.68E-08	1.41E-07	8.18E-08	1.00E-07	9.09E-08	4.15E-08	3.63E-08	1.56E-09	3.78E-08	8.33E-09	1.36E-08	2.16E-08	3.80E-09	1.91E-08	1.06E-07
4316	494363.09	3856877.25	9.39E-05	1.15E-04	1.01E-04	3.25E-08	9.82E-08	5.69E-08	6.96E-08	6.31E-08	2.88E-08	2.52E-08	1.09E-09	2.62E-08	5.79E-09	9.46E-09	1.50E-08	2.64E-09	1.32E-08	7.35E-08
4317	494863.09	3856877.25	7.69E-05	9.42E-05	8.26E-05	2.67E-08	8.05E-08	4.66E-08	5.71E-08	5.18E-08	2.36E-08	2.07E-08	8.91E-10	2.15E-08	4.75E-09	7.75E-09	1.23E-08	2.17E-09	1.09E-08	6.02E-08
4318	495363.09	3856877.25	6.76E-05	8.28E-05	7.26E-05	2.34E-08	7.08E-08	4.10E-08	5.02E-08	4.55E-08	2.08E-08	1.82E-08	7.83E-10	1.89E-08	4.17E-09	6.81E-09	1.08E-08	1.90E-09	9.54E-09	5.29E-08
4319	495863.09	3856877.25	6.45E-05	7.90E-05	6.92E-05	2.23E-08	6.75E-08	3.91E-08	4.78E-08	4.34E-08	1.98E-08	1.73E-08	7.46E-10	1.80E-08	3.98E-09	6.49E-09	1.03E-08	1.82E-09	9.10E-09	5.05E-08
4320	496363.09	3856877.25	6.26E-05	7.67E-05	6.72E-05	2.17E-08	6.55E-08	3.79E-08	4.65E-08	4.21E-08	1.92E-08	1.68E-08	7.25E-10	1.75E-08	3.86E-09	6.31E-09	1.00E-08	1.76E-09	8.84E-09	4.90E-08
4321	496863.09	3856877.25	6.32E-05	7.75E-05	6.79E-05	2.19E-08	6.62E-08	3.83E-08	4.69E-08	4.25E-08	1.94E-08	1.70E-08	7.32E-10	1.77E-08	3.90E-09	6.37E-09	1.01E-08	1.78E-09	8.93E-09	4.95E-08
4322	497363.09	3856877.25	6.61E-05	8.10E-05	7.10E-05	2.29E-08	6.92E-08	4.01E-08	4.91E-08	4.45E-08	2.03E-08	1.78E-08	7.65E-10	1.85E-08	4.08E-09	6.66E-09	1.06E-08	1.86E-09	9.33E-09	5.18E-08
4323	497863.09	3856877.25	7.41E-05	9.08E-05	7.95E-05	2.57E-08	7.75E-08	4.49E-08	5.50E-08	4.98E-08	2.27E-08	1.99E-08	8.57E-10	2.07E-08	4.57E-09	7.46E-09	1.18E-08	2.09E-09	1.05E-08	5.80E-08
4324	498363.09	3856877.25	8.38E-05	1.03E-04	9.00E-05	2.90E-08	8.77E-08	5.08E-08	6.22E-08	5.64E-08	2.57E-08	2.25E-08	9.70E-10	2.34E-08	5.17E-09	8.44E-09	1.34E-08	2.36E-09	1.18E-08	6.56E-08
4325	471363.09	3857377.25	1.84E-05	2.25E-05	1.98E-05	6.38E-09	1.93E-08	1.11E-08	1.37E-08	1.24E-08	5.65E-09	4.95E-09	2.13E-10	5.15E-09	1.14E-09	1.85E-09	2.94E-09	5.18E-10	2.60E-09	1.44E-08
4326	471863.09	3857377.25	1.91E-05	2.34E-05	2.05E-05	6.61E-09	2.00E-08	1.16E-08	1.42E-08	1.28E-08	5.85E-09	5.13E-09	2.21E-10	5.33E-09	1.18E-09	1.92E-09	3.05E-09	5.37E-10	2.69E-09	1.49E-08
4327	472363.09	3857377.25	2.02E-05	2.48E-05	2.17E-05	7.01E-09	2.12E-08	1.22E-08	1.50E-08	1.36E-08	6.20E-09	5.44E-09	2.34E-10	5.65E-09	1.25E-09	2.04E-09	3.23E-09	5.69E-10	2.85E-09	1.58E-08
4328	472863.09	3857377.25	2.17E-05	2.65E-05	2.33E-05	7.51E-09	2.27E-08	1.31E-08	1.61E-08	1.46E-08	6.65E-09	5.83E-09	2.51E-10	6.06E-09	1.34E-09	2.18E-09	3.46E-09	6.10E-10	3.06E-09	1.70E-08
4329	473363.09	3857377.25	2.35E-05	2.88E-05	2.53E-05	8.16E-09	2.46E-08	1.43E-08	1.75E-08	1.58E-08	7.23E-09	6.34E-09	2.72E-10	6.58E-09	1.45E-09	2.37E-09	3.76E-09	6.63E-10	3.33E-09	1.84E-08
4330	473863.09	3857377.25	2.58E-05	3.16E-05	2.77E-05	8.95E-09	2.70E-08	1.56E-08	1.92E-08	1.74E-08	7.92E-09	6.95E-09	2.99E-10	7.22E-09	1.59E-09	2.60E-09	4.13E-09	7.27E-10	3.65E-09	2.02E-08
4331	474363.09	3857377.25	2.55E-05	3.13E-05	2.74E-05	8.84E-09	2.67E-08	1.55E-08	1.89E-08	1.72E-08	7.83E-09	6.87E-09	2.95E-10	7.13E-09	1.57E-09	2.57E-09	4.08E-09	7.19E-10	3.60E-09	2.00E-08
4332	474863.09	3857377.25	2.09E-05	2.56E-05	2.24E-05	7.24E-09	2.19E-08	1.27E-08	1.55E-08	1.41E-08	6.41E-09	5.62E-09	2.42E-10	5.84E-09	1.29E-09	2.10E-09	3.34E-09	5.88E-10	2.95E-09	1.64E-08
4333	475363.09	3857377.25	1.47E-05	1.81E-05	1.58E-05	5.11E-09	1.54E-08	8.93E-09	1.09E-08	9.91E-09	4.52E-09	3.97E-09	1.71E-10	4.12E-09	9.09E-10	1.48E-09	2.36E-09	4.15E-10	2.08E-09	1.15E-08
4334	475863.09	3857377.25	1.38E-05	1.68E-05	1.48E-05	4.77E-09	1.44E-08	8.33E-09	1.02E-08	9.25E-09	4.22E-09	3.70E-09	1.59E-10	3.84E-09	8.48E-10	1.39E-09	2.20E-09	3.87E-10	1.94E-09	1.08E-08
4335	476363.09	3857377.25	1.86E-05	2.28E-05	2.00E-05	6.46E-09	1.95E-08	1.13E-08	1.38E-08	1.25E-08	5.72E-09	5.02E-09	2.16E-10	5.21E-09	1.15E-09	1.88E-09	2.98E-09	5.25E-10	2.63E-09	1.46E-08
4336	476863.09	3857377.25	2.03E-05	2.48E-05	2.18E-05	7.02E-09	2.12E-08	1.23E-08	1.50E-08	1.36E-08	6.22E-09	5.45E-09	2.35E-10	5.67E-09	1.25E-09	2.04E-09	3.24E-09	5.71E-10	2.86E-09	1.59E-08
4337	477363.09	3857377.25	1.77E-05	2.16E-05	1.90E-05	6.12E-09	1.85E-08	1.07E-08	1.31E-08	1.19E-08	5.42E-09	4.75E-09	2.04E-10	4.94E-09	1.09E-09	1.78E-09	2.82E-09	4.97E-10	2.49E-09	1.38E-08
4338	477863.09	3857377.25	1.30E-05	1.59E-05	1.39E-05	4.49E-09	1.36E-08	7.85E-09	9.61E-09	8.72E-09	3.98E-09	3.49E-09	1.50E-10	3.62E-09	7.99E-10	1.31E-09	2.07E-09	3.65E-10	1.83E-09	1.01E-08

4339	478363.09	3857377.25	9.78E-06	1.20E-05	1.05E-05	3.39E-09	1.02E-08	5.92E-09	7.26E-09	6.58E-09	3.00E-09	2.63E-09	1.13E-10	2.73E-09	6.03E-10	9.85E-10	1.56E-09	2.75E-10	1.38E-09	7.66E-09
4340	478863.09	3857377.25	8.38E-06	1.03E-05	9.01E-06	2.91E-09	8.77E-09	5.08E-09	6.22E-09	5.64E-09	2.57E-09	2.26E-09	9.70E-11	2.34E-09	5.17E-10	8.45E-10	1.34E-09	2.36E-10	1.18E-09	6.56E-09
4341	479363.09	3857377.25	1.42E-05	1.74E-05	1.53E-05	4.93E-09	1.49E-08	8.62E-09	1.06E-08	9.57E-09	4.37E-09	3.83E-09	1.65E-10	3.98E-09	8.78E-10	1.43E-09	2.27E-09	4.01E-10	2.01E-09	1.11E-08
4342	479863.09	3857377.25	4.48E-05	5.49E-05	4.82E-05	1.55E-08	4.69E-08	2.72E-08	3.33E-08	3.02E-08	1.38E-08	1.21E-08	5.19E-10	1.25E-08	2.77E-09	4.52E-09	7.17E-09	1.26E-09	6.33E-09	3.51E-08
4343	480363.09	3857377.25	3.60E-05	4.41E-05	3.87E-05	1.25E-08	3.77E-08	2.18E-08	2.67E-08	2.42E-08	1.11E-08	9.70E-09	4.17E-10	1.01E-08	2.22E-09	3.63E-09	5.76E-09	1.02E-09	5.09E-09	2.82E-08
4344	480863.09	3857377.25	1.07E-04	1.31E-04	1.15E-04	3.71E-08	1.12E-07	6.49E-08	7.95E-08	7.21E-08	3.29E-08	2.89E-08	1.24E-09	3.00E-08	6.61E-09	1.08E-08	1.71E-08	3.02E-09	1.51E-08	8.39E-08
4345	481363.09	3857377.25	1.22E-04	1.49E-04	1.31E-04	4.22E-08	1.27E-07	7.38E-08	9.04E-08	8.19E-08	3.74E-08	3.28E-08	1.41E-09	3.41E-08	7.51E-09	1.23E-08	1.95E-08	3.43E-09	1.72E-08	9.54E-08
4346	481863.09	3857377.25	1.47E-04	1.80E-04	1.58E-04	5.08E-08	1.53E-07	8.88E-08	1.09E-07	9.86E-08	4.50E-08	3.95E-08	1.70E-09	4.10E-08	9.05E-09	1.48E-08	2.34E-08	4.13E-09	2.07E-08	1.15E-07
4347	482363.09	3857377.25	1.67E-04	2.04E-04	1.79E-04	5.77E-08	1.74E-07	1.01E-07	1.24E-07	1.12E-07	5.11E-08	4.48E-08	1.93E-09	4.66E-08	1.03E-08	1.68E-08	2.66E-08	4.69E-09	2.35E-08	1.30E-07
4348	482863.09	3857377.25	1.87E-04	2.30E-04	2.01E-04	6.49E-08	1.96E-07	1.14E-07	1.39E-07	1.26E-07	5.75E-08	5.04E-08	2.17E-09	5.24E-08	1.16E-08	1.89E-08	2.99E-08	5.28E-09	2.65E-08	1.47E-07
4349	483363.09	3857377.25	2.17E-04	2.66E-04	2.33E-04	7.52E-08	2.27E-07	1.31E-07	1.61E-07	1.46E-07	6.66E-08	5.84E-08	2.51E-09	6.06E-08	1.34E-08	2.18E-08	3.47E-08	6.11E-09	3.07E-08	1.70E-07
4350	483863.09	3857377.25	2.57E-04	3.14E-04	2.76E-04	8.89E-08	2.69E-07	1.55E-07	1.90E-07	1.73E-07	7.87E-08	6.91E-08	2.97E-09	7.17E-08	1.58E-08	2.58E-08	4.10E-08	7.23E-09	3.63E-08	2.01E-07
4351	484363.09	3857377.25	3.04E-04	3.73E-04	3.27E-04	1.05E-07	3.18E-07	1.84E-07	2.26E-07	2.05E-07	9.34E-08	8.20E-08	3.52E-09	8.51E-08	1.88E-08	3.06E-08	4.86E-08	8.57E-09	4.30E-08	2.38E-07
4352	484863.09	3857377.25	3.70E-04	4.54E-04	3.98E-04	1.28E-07	3.88E-07	2.24E-07	2.75E-07	2.49E-07	1.14E-07	9.98E-08	4.29E-09	1.04E-07	2.28E-08	3.73E-08	5.92E-08	1.04E-08	5.24E-08	2.90E-07
4353	485363.09	3857377.25	4.65E-04	5.70E-04	5.00E-04	1.61E-07	4.87E-07	2.82E-07	3.45E-07	3.13E-07	1.43E-07	1.25E-07	5.38E-09	1.30E-07	2.87E-08	4.68E-08	7.43E-08	1.31E-08	6.58E-08	3.64E-07
4354	485863.09	3857377.25	6.22E-04	7.62E-04	6.69E-04	2.16E-07	6.51E-07	3.77E-07	4.62E-07	4.19E-07	1.91E-07	1.68E-07	7.20E-09	1.74E-07	3.84E-08	6.27E-08	9.95E-08	1.75E-08	8.80E-08	4.87E-07
4355	486363.09	3857377.25	1.02E-03	1.25E-03	1.10E-03	3.55E-07	1.07E-06	6.20E-07	7.60E-07	6.89E-07	3.14E-07	2.75E-07	1.18E-08	2.86E-07	6.32E-08	1.03E-07	1.64E-07	2.88E-08	1.44E-07	8.01E-07
4356	486863.09	3857377.25	3.32E-03	4.07E-03	3.55E-03	1.15E-06	3.47E-06	2.01E-06	2.46E-06	2.23E-06	1.02E-06	8.89E-07	3.84E-08	9.28E-07	2.05E-07	3.35E-07	5.31E-07	9.35E-08	4.67E-07	2.60E-06
4357	487363.09	3857377.25	6.20E-03	7.60E-03	6.46E-03	2.15E-06	6.49E-06	3.76E-06	4.60E-06	4.17E-06	1.90E-06	1.62E-06	7.18E-08	1.73E-06	3.83E-07	6.25E-07	9.91E-07	1.75E-07	8.50E-07	4.83E-06
4358	487863.09	3857377.25	2.42E-03	2.96E-03	2.56E-03	8.39E-07	2.53E-06	1.47E-06	1.80E-06	1.63E-06	7.43E-07	6.42E-07	2.80E-08	6.76E-07	1.49E-07	2.44E-07	3.87E-07	6.81E-08	3.37E-07	1.89E-06
4359	488363.09	3857377.25	1.58E-03	1.94E-03	1.68E-03	5.48E-07	1.66E-06	9.58E-07	1.17E-06	1.06E-06	4.85E-07	4.22E-07	1.83E-08	4.42E-07	9.76E-08	1.59E-07	2.53E-07	4.45E-08	2.21E-07	1.24E-06
4360	488863.09	3857377.25	1.17E-03	1.43E-03	1.25E-03	4.05E-07	1.22E-06	7.09E-07	8.68E-07	7.87E-07	3.59E-07	3.13E-07	1.35E-08	3.27E-07	7.22E-08	1.18E-07	1.87E-07	3.29E-08	1.64E-07	9.15E-07
4361	489363.09	3857377.25	9.23E-04	1.13E-03	9.87E-04	3.20E-07	9.65E-07	5.59E-07	6.84E-07	6.20E-07	2.83E-07	2.47E-07	1.07E-08	2.58E-07	5.69E-08	9.29E-08	1.47E-07	2.60E-08	1.30E-07	7.22E-07
4362	489863.09	3857377.25	7.60E-04	9.31E-04	8.14E-04	2.63E-07	7.95E-07	4.60E-07	5.64E-07	5.11E-07	2.33E-07	2.04E-07	8.80E-09	2.12E-07	4.69E-08	7.66E-08	1.21E-07	2.14E-08	1.07E-07	5.95E-07
4363	490363.09	3857377.25	6.41E-04	7.85E-04	6.86E-04	2.22E-07	6.71E-07	3.88E-07	4.75E-07	4.31E-07	1.97E-07	1.72E-07	7.42E-09	1.79E-07	3.95E-08	6.45E-08	1.02E-07	1.80E-08	9.03E-08	5.01E-07
4364	490863.09	3857377.25	5.51E-04	6.74E-04	5.90E-04	1.91E-07	5.76E-07	3.34E-07	4.09E-07	3.70E-07	1.69E-07	1.48E-07	6.37E-09	1.54E-07	3.40E-08	5.55E-08	8.80E-08	1.55E-08	7.76E-08	4.31E-07
4365	491363.09	3857377.25	4.80E-04	5.88E-04	5.14E-04	1.66E-07	5.02E-07	2.91E-07	3.56E-07	3.23E-07	1.47E-07	1.29E-07	5.55E-09	1.34E-07	2.96E-08	4.83E-08	7.67E-08	1.35E-08	6.76E-08	3.75E-07
4366	491863.09	3857377.25	4.20E-04	5.14E-04	4.50E-04	1.45E-07	4.39E-07	2.54E-07	3.11E-07	2.82E-07	1.29E-07	1.13E-07	4.86E-09	1.17E-07	2.59E-08	4.23E-08	6.71E-08	1.18E-08	5.92E-08	3.28E-07
4367	492363.09	3857377.25	3.27E-04	4.01E-04	3.51E-04	1.13E-07	3.43E-07	1.98E-07	2.43E-07	2.20E-07	1.00E-07	8.80E-08	3.79E-09	9.15E-08	2.02E-08	3.30E-08	5.23E-08	9.22E-09	4.62E-08	2.56E-07
4368	492863.09	3857377.25	2.27E-04	2.78E-04	2.43E-04	7.85E-08	2.37E-07	1.37E-07	1.68E-07	1.52E-07	6.95E-08	6.09E-08	2.62E-09	6.33E-08	1.40E-08	2.28E-08	3.62E-08	6.38E-09	3.20E-08	1.77E-07
4369	493363.09	3857377.25	1.51E-04	1.85E-04	1.62E-04	5.24E-08	1.58E-07	9.16E-08	1.12E-07	1.02E-07	4.64E-08	4.06E-08	1.75E-09	4.23E-08	9.33E-09	1.52E-08	2.42E-08	4.26E-09	2.13E-08	1.18E-07
4370	493863.09	3857377.25	1.22E-04	1.49E-04	1.31E-04	4.23E-08	1.28E-07	7.39E-08	9.05E-08	8.21E-08	3.75E-08	3.28E-08	1.41E-09	3.41E-08	7.53E-09	1.23E-08	1.95E-08	3.44E-09	1.72E-08	9.55E-08
4371	494363.09	3857377.25	9.70E-05	1.19E-04	1.04E-04	3.36E-08	1.02E-07	5.88E-08	7.20E-08	6.52E-08	2.98E-08	2.61E-08	1.12E-09	2.71E-08	5.98E-09	9.77E-09	1.55E-08	2.73E-09	1.37E-08	7.59E-08
4372	494863.09	3857377.25	8.52E-05	1.04E-04	9.14E-05	2.95E-08	8.91E-08	5.16E-08	6.32E-08	5.73E-08	2.61E-08	2.29E-08	9.86E-10	2.38E-08	5.25E-09	8.58E-09	1.36E-08	2.40E-09	1.20E-08	6.67E-08
4373	495363.09	3857377.25	7.61E-05	9.33E-05	8.17E-05	2.64E-08	7.97E-08	4.61E-08	5.65E-08	5.12E-08	2.34E-08	2.05E-08	8.81E-10	2.13E-08	4.70E-09	7.67E-09	1.22E-08	2.14E-09	1.07E-08	5.96E-08
4374	495863.09	3857377.25	7.27E-05	8.91E-05	7.81E-05	2.52E-08	7.61E-08	4.41E-08	5.40E-08	4.89E-08	2.23E-08	1.96E-08	8.42E-10	2.03E-08	4.49E-09	7.33E-09	1.16E-08	2.05E-09	1.03E-08	5.69E-08
4375	496363.09	3857377.25	7.08E-05	8.67E-05	7.60E-05	2.45E-08	7.41E-08	4.29E-08	5.25E-08	4.76E-08	2.17E-08	1.90E-08	8.20E-10	1.98E-08	4.37E-09	7.13E-09	1.13E-08	1.99E-09	1.00E-08	5.54E-08
4376	496863.09	3857377.25	7.01E-05	8.58E-05	7.52E-05	2.43E-08	7.33E-08	4.25E-08	5.20E-08	4.71E-08	2.15E-08	1.88E-08	8.11E-10	1.96E-08	4.32E-09	7.06E-09	1.12E-08	1.97E-09	9.89E-09	5.48E-08
4377	497363.09	3857377.25	7.29E-05	8.93E-05	7.83E-05	2.53E-08	7.63E-08	4.42E-08	5.41E-08	4.90E-08	2.24E-08	1.96E-08	8.44E-10	2.04E-08	4.50E-09	7.34E-09	1.17E-08	2.05E-09	1.03E-08	5.71E-08
4378	497863.09	3857377.25	7.86E-05	9.63E-05	8.44E-05	2.73E-08	8.23E-08	4.76E-08	5.83E-08	5.29E-08	2.41E-08	2.12E-08	9.10E-10	2.20E-08	4.85E-09	7.92E-09	1.26E-08	2.21E-09	1.11E-08	6.16E-08
4379	498363.09	3857377.25	9.51E-05	1.16E-04	1.02E-04	3.30E-08	9.95E-08	5.76E-08	7.06E-08	6.40E-08	2.92E-08	2.56E-08	1.10E-09	2.66E-08	5.87E-09	9.58E-09	1.52E-08	2.68E-09	1.34E-08	7.44E-08
4380	471363.09	3857877.25	1.84E-05	2.26E-05	1.98E-05	6.39E-09	1.93E-08	1.12E-08	1.37E-08	1.24E-08	5.66E-09	4.97E-09	2.13E-10	5.15E-09	1.14E-09	1.86E-09	2.95E-09	5.19E-10	2.61E-09	1.44E-08
4381	471863.09	3857877.25	1.93E-05	2.36E-05	2.07E-05	6.68E-09	2.02E-08	1.17E-08	1.43E-08	1.30E-08	5.91E-09	5.19E-09	2.23E-10	5.39E-09	1.19E-09	1.94E-09	3.08E-09	5.43E-10	2.72E-09	1.51E-08
4382	472363.09	3857877.25	2.05E-05	2.51E-05	2.20E-05	7.09E-09	2.14E-08	1.24E-08	1.52E-08	1.38E-08	6.28E-09	5.51E-09	2.37E-10	5.72E-09	1.26E-09	2.06E-09	3.27E-09	5.76E-10	2.89E-09	1.60E-08
4383	472863.09	3857877.25	2.22E-05	2.72E-05	2.39E-05	7.71E-09	2.33E-08	1.35E-08	1.65E-08	1.50E-08	6.82E-09	5.99E-09	2.57E-10	6.22E-09	1.37E-09	2.24E-09	3.55E-09	6.26E-10	3.14E-09	1.74E-08
4384	473363.09	3857877.25	2.37E-05	2.91E-05	2.55E-05	8.23E-09	2.48E-08	1.44E-08	1.76E-08	1.60E-08	7.29E-09	6.39E-09	2.75E-10	6.64E-09	1.46E-09	2.39E-09	3.79E-09	6.69E-10	3.35E-09	1.86E-08
4385	473863.09	3857877.25	2.59E-05	3.17E-05	2.78E-05	8.96E-09	2.71E-08	1.57E-08	1.92E-08	1.74E-08	7.93E-09	6.96E-09	2.99E-10	7.23E-09	1.59E-09	2.60E-09	4.13E-09	7.28E-10	3.65E-09	2.02E-08
4386	474363.09	3857877.25	2.53E-05	3.10E-05	2.71E-05	8.76E-09	2.64E-08	1.53E-08	1.88E-08	1.70E-08	7.76E-09	6.80E-09	2.92E-10	7.06E-09	1.56E-09	2.55E-09	4.04E-09	7.12E-10	3.57E-09	1.98E-08
4387	474863.09	3857877.25	2.00E-05	2.45E-05	2.15E-05	6.93E-09	2.09E-08	1.21E-08	1.48E-08	1.34E-08	6.13E-09	5.38E-09	2.31E-10	5.59E-09	1.23E-09	2.01E-09	3.19E-09	5.63E-10	2.82E-09	1.56E-08
4388	475363.09	3857877.25	1.10E-05	1.35E-05	1.18E-05	3.82E-09	1.15E-08	6.68E-09	8.18E-09	7.42E-09	3.38E-09	2.97E-09	1.28E-10	3.08E-09	6.80E-10	1.11E-09	1.76E-09	3.11E-10	1.56E-09	8.63E-09
4389	475863.09	3857877.25	4.90E-06	6.00E-06	5.26E-06	1.70E-09	5.13E-09	2.97E-09	3.64E-09	3.30E-09	1.50E-09	1.32E-09	5.67E-11	1.37E-09	3.02E-10	4.94E-10	7.83E-10	1.38E-10	6.92E-10	3.84E-09
4390	476363.09	3857877.25	1.28E-05	1.57E-05	1.37E-05	4.43E-09	1.34E-08	7.75E-09	9.50E-09	8.61E-09	3.93E-09	3.44E-09	1.48E-10	3.58E-09	7.89E-10	1.29E-09	2.05E-09	3.60E-10	1.81E-09	1.00E-08
4391	476863.09	3857877.25	1.64E-05	2.01E-05	1.76E-05	5.68E-09	1.72E-08	9.94E-09	1.22E-08	1.10E-08	5.03E-09	4.42E-09	1.90E-10	4.59E-09	1.01E-09	1.65E-09	2.62E-09	4.62E-10	2.32E-09	1.28E-08
4392	477363.09	3857877.25	1.61E-05	1.97E-05	1.73E-05	5.58E-09	1.68E-08	9.75E-09	1.19E-08	1.08E-08	4.94E-09	4.33E-09	1.86E-10	4.50E-09	9.93E-10	1.62E-09	2.57E-09	4.53E-10	2.27E-09	1.26E-08
4393	477863.09	3857877.25	1.55E-05	1.90E-05	1.67E-05	5.38E-09	1.63E-08	9.41E-09	1.15E-08	1.05E-08	4.77E-09	4.18E-09	1.80E-10	4.34E-09	9.58E-10	1.57E-09	2.48E-09	4.38E-10	2.19E-09	1.22E-08

4394	478363.09	3857877.25	8.25E-06	1.01E-05	8.86E-06	2.86E-09	8.64E-09	5.00E-09	6.12E-09	5.55E-09	2.53E-09	2.22E-09	9.55E-11	2.31E-09	5.09E-10	8.31E-10	1.32E-09	2.32E-10	1.17E-09	6.46E-09
4395	478863.09	3857877.25	6.73E-06	8.25E-06	7.23E-06	2.33E-09	7.05E-09	4.08E-09	5.00E-09	4.53E-09	2.07E-09	1.81E-09	7.79E-11	1.88E-09	4.15E-10	6.78E-10	1.08E-09	1.90E-10	9.51E-10	5.27E-09
4396	479363.09	3857877.25	4.01E-05	4.92E-05	4.31E-05	1.39E-08	4.20E-08	2.43E-08	2.98E-08	2.70E-08	1.23E-08	1.08E-08	4.65E-10	1.12E-08	2.48E-09	4.05E-09	6.42E-09	1.13E-09	5.67E-09	3.14E-08
4397	479863.09	3857877.25	7.23E-05	8.86E-05	7.77E-05	2.51E-08	7.56E-08	4.38E-08	5.36E-08	4.86E-08	2.22E-08	1.95E-08	8.37E-10	2.02E-08	4.46E-09	7.28E-09	1.16E-08	2.04E-09	1.02E-08	5.66E-08
4398	480363.09	3857877.25	8.69E-05	1.06E-04	9.34E-05	3.01E-08	9.10E-08	5.27E-08	6.45E-08	5.85E-08	2.67E-08	2.34E-08	1.01E-09	2.43E-08	5.36E-09	8.76E-09	1.39E-08	2.45E-09	1.23E-08	6.81E-08
4399	480863.09	3857877.25	9.83E-05	1.20E-04	1.06E-04	3.41E-08	1.03E-07	5.96E-08	7.30E-08	6.61E-08	3.02E-08	2.65E-08	1.14E-09	2.75E-08	6.07E-09	9.91E-09	1.57E-08	2.77E-09	1.39E-08	7.70E-08
4400	481363.09	3857877.25	1.12E-04	1.37E-04	1.20E-04	3.87E-08	1.17E-07	6.77E-08	8.29E-08	7.52E-08	3.43E-08	3.01E-08	1.29E-09	3.12E-08	6.89E-09	1.13E-08	1.79E-08	3.15E-09	1.58E-08	8.75E-08
4401	481863.09	3857877.25	1.30E-04	1.59E-04	1.40E-04	4.51E-08	1.36E-07	7.89E-08	9.66E-08	8.76E-08	4.00E-08	3.50E-08	1.51E-09	3.64E-08	8.03E-09	1.31E-08	2.08E-08	3.67E-09	1.84E-08	1.02E-07
4402	482363.09	3857877.25	1.51E-04	1.85E-04	1.62E-04	5.22E-08	1.58E-07	9.13E-08	1.12E-07	1.01E-07	4.62E-08	4.06E-08	1.74E-09	4.21E-08	9.29E-09	1.52E-08	2.41E-08	4.24E-09	2.13E-08	1.18E-07
4403	482863.09	3857877.25	1.61E-04	1.98E-04	1.73E-04	5.59E-08	1.69E-07	9.77E-08	1.20E-07	1.08E-07	4.95E-08	4.34E-08	1.87E-09	4.51E-08	9.95E-09	1.62E-08	2.58E-08	4.54E-09	2.28E-08	1.26E-07
4404	483363.09	3857877.25	1.82E-04	2.24E-04	1.96E-04	6.32E-08	1.91E-07	1.11E-07	1.35E-07	1.23E-07	5.60E-08	4.91E-08	2.11E-09	5.10E-08	1.13E-08	1.84E-08	2.92E-08	5.14E-09	2.58E-08	1.43E-07
4405	483863.09	3857877.25	2.10E-04	2.57E-04	2.26E-04	7.28E-08	2.20E-07	1.27E-07	1.56E-07	1.41E-07	6.44E-08	5.65E-08	2.43E-09	5.87E-08	1.30E-08	2.11E-08	3.36E-08	5.91E-09	2.97E-08	1.64E-07
4406	484363.09	3857877.25	2.41E-04	2.96E-04	2.59E-04	8.37E-08	2.53E-07	1.46E-07	1.79E-07	1.62E-07	7.41E-08	6.50E-08	2.79E-09	6.75E-08	1.49E-08	2.43E-08	3.86E-08	6.80E-09	3.41E-08	1.89E-07
4407	484863.09	3857877.25	2.82E-04	3.45E-04	3.03E-04	9.76E-08	2.95E-07	1.71E-07	2.09E-07	1.89E-07	8.64E-08	7.58E-08	3.26E-09	7.87E-08	1.74E-08	2.84E-08	4.50E-08	7.93E-09	3.98E-08	2.20E-07
4408	485363.09	3857877.25	3.34E-04	4.09E-04	3.59E-04	1.16E-07	3.50E-07	2.02E-07	2.48E-07	2.25E-07	1.03E-07	8.99E-08	3.87E-09	9.34E-08	2.06E-08	3.37E-08	5.34E-08	9.41E-09	4.72E-08	2.61E-07
4409	485863.09	3857877.25	4.09E-04	5.01E-04	4.39E-04	1.42E-07	4.28E-07	2.48E-07	3.03E-07	2.75E-07	1.25E-07	1.10E-07	4.73E-09	1.14E-07	2.52E-08	4.12E-08	6.53E-08	1.15E-08	5.77E-08	3.20E-07
4410	486363.09	3857877.25	5.26E-04	6.44E-04	5.64E-04	1.82E-07	5.50E-07	3.18E-07	3.90E-07	3.54E-07	1.61E-07	1.41E-07	6.08E-09	1.47E-07	3.24E-08	5.30E-08	8.40E-08	1.48E-08	7.41E-08	4.11E-07
4411	486863.09	3857877.25	7.58E-04	9.28E-04	8.11E-04	2.63E-07	7.93E-07	4.59E-07	5.62E-07	5.09E-07	2.32E-07	2.03E-07	8.77E-09	2.12E-07	4.67E-08	7.63E-08	1.21E-07	2.13E-08	1.07E-07	5.93E-07
4412	487363.09	3857877.25	1.72E-03	2.11E-03	1.85E-03	5.96E-07	1.80E-06	1.04E-06	1.28E-06	1.16E-06	5.28E-07	4.63E-07	1.99E-08	4.81E-07	1.06E-07	1.73E-07	2.75E-07	4.84E-08	2.43E-07	1.35E-06
4413	487863.09	3857877.25	2.83E-03	3.46E-03	3.04E-03	9.80E-07	2.96E-06	1.71E-06	2.10E-06	1.90E-06	8.67E-07	7.62E-07	3.27E-08	7.90E-07	1.74E-07	2.85E-07	4.52E-07	7.96E-08	4.00E-07	2.21E-06
4414	488363.09	3857877.25	1.43E-03	1.75E-03	1.53E-03	4.95E-07	1.50E-06	8.66E-07	1.06E-06	9.61E-07	4.38E-07	3.84E-07	1.65E-08	4.00E-07	8.82E-08	1.44E-07	2.28E-07	4.02E-08	2.02E-07	1.12E-06
4415	488863.09	3857877.25	1.02E-03	1.25E-03	1.09E-03	3.53E-07	1.06E-06	6.16E-07	7.55E-07	6.84E-07	3.12E-07	2.73E-07	1.18E-08	2.84E-07	6.27E-08	1.02E-07	1.63E-07	2.86E-08	1.43E-07	7.96E-07
4416	489363.09	3857877.25	8.13E-04	9.96E-04	8.72E-04	2.82E-07	8.51E-07	4.93E-07	6.03E-07	5.47E-07	2.50E-07	2.18E-07	9.41E-09	2.27E-07	5.02E-08	8.19E-08	1.30E-07	2.29E-08	1.15E-07	6.36E-07
4417	489863.09	3857877.25	6.77E-04	8.29E-04	7.25E-04	2.35E-07	7.08E-07	4.10E-07	5.02E-07	4.55E-07	2.08E-07	1.82E-07	7.83E-09	1.89E-07	4.17E-08	6.82E-08	1.08E-07	1.91E-08	9.54E-08	5.30E-07
4418	490363.09	3857877.25	5.76E-04	7.05E-04	6.17E-04	2.00E-07	6.02E-07	3.49E-07	4.27E-07	3.87E-07	1.77E-07	1.55E-07	6.66E-09	1.61E-07	3.55E-08	5.80E-08	9.20E-08	1.62E-08	8.12E-08	4.50E-07
4419	490863.09	3857877.25	4.97E-04	6.08E-04	5.33E-04	1.72E-07	5.20E-07	3.01E-07	3.69E-07	3.34E-07	1.52E-07	1.33E-07	5.75E-09	1.39E-07	3.06E-08	5.00E-08	7.94E-08	1.40E-08	7.01E-08	3.89E-07
4420	491363.09	3857877.25	4.29E-04	5.26E-04	4.61E-04	1.49E-07	4.49E-07	2.60E-07	3.19E-07	2.89E-07	1.32E-07	1.15E-07	4.97E-09	1.20E-07	2.65E-08	4.33E-08	6.86E-08	1.21E-08	6.06E-08	3.36E-07
4421	491863.09	3857877.25	3.65E-04	4.48E-04	3.92E-04	1.27E-07	3.82E-07	2.21E-07	2.71E-07	2.46E-07	1.12E-07	9.82E-08	4.23E-09	1.02E-07	2.25E-08	3.68E-08	5.84E-08	1.03E-08	5.16E-08	2.86E-07
4422	492363.09	3857877.25	2.65E-04	3.24E-04	2.84E-04	9.17E-08	2.77E-07	1.60E-07	1.96E-07	1.78E-07	8.12E-08	7.11E-08	3.06E-09	7.40E-08	1.63E-08	2.67E-08	4.23E-08	7.45E-09	3.73E-08	2.07E-07
4423	492863.09	3857877.25	1.77E-04	2.17E-04	1.90E-04	6.14E-08	1.85E-07	1.07E-07	1.31E-07	1.19E-07	5.43E-08	4.76E-08	2.05E-09	4.95E-08	1.09E-08	1.78E-08	2.83E-08	4.99E-09	2.50E-08	1.39E-07
4424	493363.09	3857877.25	1.42E-04	1.74E-04	1.53E-04	4.93E-08	1.49E-07	8.61E-08	1.05E-07	9.56E-08	4.36E-08	3.82E-08	1.65E-09	3.97E-08	8.77E-09	1.43E-08	2.27E-08	4.00E-09	2.01E-08	1.11E-07
4425	493863.09	3857877.25	1.24E-04	1.52E-04	1.33E-04	4.29E-08	1.30E-07	7.50E-08	9.18E-08	8.32E-08	3.80E-08	3.33E-08	1.43E-09	3.46E-08	7.63E-09	1.25E-08	1.98E-08	3.49E-09	1.75E-08	9.69E-08
4426	494363.09	3857877.25	1.11E-04	1.36E-04	1.19E-04	3.84E-08	1.16E-07	6.71E-08	8.21E-08	7.44E-08	3.40E-08	2.98E-08	1.28E-09	3.09E-08	6.83E-09	1.12E-08	1.77E-08	3.12E-09	1.56E-08	8.66E-08
4427	494863.09	3857877.25	9.29E-05	1.14E-04	9.98E-05	3.22E-08	9.72E-08	5.63E-08	6.89E-08	6.25E-08	2.85E-08	2.50E-08	1.08E-09	2.60E-08	5.73E-09	9.36E-09	1.49E-08	2.62E-09	1.31E-08	7.27E-08
4428	495363.09	3857877.25	8.61E-05	1.05E-04	9.24E-05	2.98E-08	9.01E-08	5.22E-08	6.39E-08	5.79E-08	2.64E-08	2.32E-08	9.96E-10	2.41E-08	5.31E-09	8.67E-09	1.38E-08	2.42E-09	1.22E-08	6.74E-08
4429	495863.09	3857877.25	8.04E-05	9.84E-05	8.63E-05	2.78E-08	8.41E-08	4.87E-08	5.96E-08	5.40E-08	2.47E-08	2.16E-08	9.30E-10	2.25E-08	4.96E-09	8.09E-09	1.28E-08	2.26E-09	1.13E-08	6.29E-08
4430	496363.09	3857877.25	7.99E-05	9.78E-05	8.57E-05	2.77E-08	8.36E-08	4.84E-08	5.92E-08	5.37E-08	2.45E-08	2.15E-08	9.24E-10	2.23E-08	4.93E-09	8.04E-09	1.28E-08	2.25E-09	1.13E-08	6.25E-08
4431	496863.09	3857877.25	7.96E-05	9.74E-05	8.54E-05	2.76E-08	8.32E-08	4.82E-08	5.90E-08	5.35E-08	2.44E-08	2.14E-08	9.21E-10	2.22E-08	4.91E-09	8.01E-09	1.27E-08	2.24E-09	1.12E-08	6.23E-08
4432	497363.09	3857877.25	7.78E-05	9.53E-05	8.36E-05	2.70E-08	8.14E-08	4.72E-08	5.78E-08	5.24E-08	2.39E-08	2.09E-08	9.01E-10	2.18E-08	4.80E-09	7.84E-09	1.24E-08	2.19E-09	1.10E-08	6.09E-08
4433	497863.09	3857877.25	8.83E-05	1.08E-04	9.47E-05	3.06E-08	9.24E-08	5.35E-08	6.55E-08	5.94E-08	2.71E-08	2.37E-08	1.02E-09	2.47E-08	5.44E-09	8.89E-09	1.41E-08	2.49E-09	1.25E-08	6.91E-08
4434	498363.09	3857877.25	9.82E-05	1.20E-04	1.05E-04	3.40E-08	1.03E-07	5.95E-08	7.28E-08	6.60E-08	3.01E-08	2.64E-08	1.14E-09	2.74E-08	6.06E-09	9.89E-09	1.57E-08	2.76E-09	1.39E-08	7.68E-08
4435	471363.09	3858377.25	1.90E-05	2.33E-05	2.04E-05	6.58E-09	1.99E-08	1.15E-08	1.41E-08	1.28E-08	5.83E-09	5.11E-09	2.20E-10	5.31E-09	1.17E-09	1.91E-09	3.03E-09	5.35E-10	2.68E-09	1.49E-08
4436	471863.09	3858377.25	1.99E-05	2.44E-05	2.14E-05	6.90E-09	2.08E-08	1.21E-08	1.48E-08	1.34E-08	6.11E-09	5.36E-09	2.30E-10	5.56E-09	1.23E-09	2.01E-09	3.18E-09	5.61E-10	2.81E-09	1.56E-08
4437	472363.09	3858377.25	2.10E-05	2.57E-05	2.25E-05	7.27E-09	2.19E-08	1.27E-08	1.56E-08	1.41E-08	6.43E-09	5.64E-09	2.43E-10	5.86E-09	1.29E-09	2.11E-09	3.35E-09	5.91E-10	2.96E-09	1.64E-08
4438	472863.09	3858377.25	2.26E-05	2.77E-05	2.42E-05	7.82E-09	2.36E-08	1.37E-08	1.68E-08	1.52E-08	6.93E-09	6.08E-09	2.61E-10	6.31E-09	1.39E-09	2.27E-09	3.61E-09	6.36E-10	3.19E-09	1.77E-08
4439	473363.09	3858377.25	2.51E-05	3.07E-05	2.69E-05	8.69E-09	2.62E-08	1.52E-08	1.86E-08	1.69E-08	7.70E-09	6.75E-09	2.90E-10	7.01E-09	1.55E-09	2.53E-09	4.01E-09	7.06E-10	3.54E-09	1.96E-08
4440	473863.09	3858377.25	2.62E-05	3.21E-05	2.81E-05	9.08E-09	2.74E-08	1.59E-08	1.94E-08	1.76E-08	8.04E-09	7.05E-09	3.03E-10	7.32E-09	1.62E-09	2.64E-09	4.19E-09	7.38E-10	3.70E-09	2.05E-08
4441	474363.09	3858377.25	2.49E-05	3.05E-05	2.67E-05	8.63E-09	2.61E-08	1.51E-08	1.85E-08	1.67E-08	7.64E-09	6.70E-09	2.88E-10	6.96E-09	1.54E-09	2.51E-09	3.98E-09	7.01E-10	3.51E-09	1.95E-08
4442	474863.09	3858377.25	2.10E-05	2.57E-05	2.25E-05	7.26E-09	2.19E-08	1.27E-08	1.55E-08	1.41E-08	6.43E-09	5.64E-09	2.42E-10	5.86E-09	1.29E-09	2.11E-09	3.35E-09	5.90E-10	2.96E-09	1.64E-08
4443	475363.09	3858377.25	1.39E-05	1.70E-05	1.49E-05	4.81E-09	1.45E-08	8.41E-09	1.03E-08	9.34E-09	4.26E-09	3.74E-09	1.61E-10	3.88E-09	8.57E-10	1.40E-09	2.22E-09	3.91E-10	1.96E-09	1.09E-08
4444	475863.09	3858377.25	9.62E-06	1.18E-05	1.03E-05	3.33E-09	1.01E-08	5.83E-09	7.14E-09	6.47E-09	2.95E-09	2.59E-09	1.11E-10	2.69E-09	5.93E-10	9.69E-10	1.54E-09	2.71E-10	1.36E-09	7.53E-09
4445	476363.09	3858377.25	1.06E-05	1.30E-05	1.14E-05	3.69E-09	1.11E-08	6.44E-09	7.89E-09	7.15E-09	3.26E-09	2.86E-09	1.23E-10	2.97E-09	6.56E-10	1.07E-09	1.70E-09	3.00E-10	1.50E-09	8.33E-09
4446	476863.09	3858377.25	1.20E-05	1.47E-05	1.29E-05	4.17E-09	1.26E-08	7.28E-09	8.92E-09	8.09E-09	3.69E-09	3.24E-09	1.39E-10	3.36E-09	7.41E-10	1.21E-09	1.92E-09	3.39E-10	1.70E-09	9.41E-09
4447	477363.09	3858377.25	1.14E-05	1.40E-05	1.22E-05	3.95E-09	1.19E-08	6.90E-09	8.45E-09	7.66E-09	3.50E-09	3.06E-09	1.32E-10	3.18E-09	7.03E-10	1.15E-09	1.82E-09	3.21E-10	1.61E-09	8.91E-09
4448	477863.09	3858377.25	1.61E-05	1.98E-05	1.73E-05	5.60E-09	1.69E-08	9.78E-09	1.20E-08	1.09E-08	4.96E-09	4.34E-09	1.87E-10	4.51E-09	9.96E-10	1.63E-09	2.58E-09	4.55E-10	2.28E-09	1.26E-08

4449	478363.09	3858377.25	1.76E-05	2.16E-05	1.89E-05	6.11E-09	1.84E-08	1.07E-08	1.31E-08	1.19E-08	5.41E-09	4.74E-09	2.04E-10	4.93E-09	1.09E-09	1.78E-09	2.82E-09	4.97E-10	2.49E-09	1.38E-08
4450	478863.09	3858377.25	1.14E-05	1.40E-05	1.23E-05	3.96E-09	1.19E-08	6.91E-09	8.47E-09	7.68E-09	3.50E-09	3.07E-09	1.32E-10	3.19E-09	7.04E-10	1.15E-09	1.82E-09	3.21E-10	1.61E-09	8.93E-09
4451	479363.09	3858377.25	4.17E-05	5.11E-05	4.48E-05	1.45E-08	4.37E-08	2.53E-08	3.10E-08	2.81E-08	1.28E-08	1.12E-08	4.83E-10	1.17E-08	2.57E-09	4.20E-09	6.67E-09	1.18E-09	5.89E-09	3.27E-08
4452	479863.09	3858377.25	7.09E-05	8.69E-05	7.62E-05	2.46E-08	7.42E-08	4.30E-08	5.26E-08	4.77E-08	2.18E-08	1.91E-08	8.21E-10	1.98E-08	4.37E-09	7.14E-09	1.13E-08	2.00E-09	1.00E-08	5.55E-08
4453	480363.09	3858377.25	8.23E-05	1.01E-04	8.84E-05	2.85E-08	8.61E-08	4.99E-08	6.11E-08	5.54E-08	2.53E-08	2.22E-08	9.53E-10	2.30E-08	5.08E-09	8.29E-09	1.32E-08	2.32E-09	1.16E-08	6.44E-08
4454	480863.09	3858377.25	9.15E-05	1.12E-04	9.83E-05	3.17E-08	9.58E-08	5.54E-08	6.79E-08	6.16E-08	2.81E-08	2.46E-08	1.06E-09	2.56E-08	5.65E-09	9.22E-09	1.46E-08	2.58E-09	1.29E-08	7.16E-08
4455	481363.09	3858377.25	1.03E-04	1.26E-04	1.11E-04	3.57E-08	1.08E-07	6.25E-08	7.65E-08	6.94E-08	3.16E-08	2.78E-08	1.19E-09	2.88E-08	6.36E-09	1.04E-08	1.65E-08	2.90E-09	1.46E-08	8.07E-08
4456	481863.09	3858377.25	1.16E-04	1.42E-04	1.25E-04	4.03E-08	1.22E-07	7.04E-08	8.63E-08	7.82E-08	3.57E-08	3.13E-08	1.35E-09	3.25E-08	7.17E-09	1.17E-08	1.86E-08	3.27E-09	1.64E-08	9.10E-08
4457	482363.09	3858377.25	1.32E-04	1.62E-04	1.42E-04	4.58E-08	1.38E-07	8.01E-08	9.81E-08	8.90E-08	4.06E-08	3.56E-08	1.53E-09	3.70E-08	8.16E-09	1.33E-08	2.11E-08	3.73E-09	1.87E-08	1.04E-07
4458	482863.09	3858377.25	1.48E-04	1.82E-04	1.59E-04	5.14E-08	1.55E-07	8.98E-08	1.10E-07	9.97E-08	4.55E-08	3.99E-08	1.72E-09	4.14E-08	9.14E-09	1.49E-08	2.37E-08	4.17E-09	2.09E-08	1.16E-07
4459	483363.09	3858377.25	1.58E-04	1.93E-04	1.69E-04	5.46E-08	1.65E-07	9.54E-08	1.17E-07	1.06E-07	4.83E-08	4.24E-08	1.82E-09	4.40E-08	9.72E-09	1.59E-08	2.52E-08	4.44E-09	2.23E-08	1.23E-07
4460	483863.09	3858377.25	1.73E-04	2.12E-04	1.86E-04	5.98E-08	1.81E-07	1.05E-07	1.28E-07	1.16E-07	5.30E-08	4.65E-08	2.00E-09	4.83E-08	1.07E-08	1.74E-08	2.76E-08	4.86E-09	2.44E-08	1.35E-07
4461	484363.09	3858377.25	1.95E-04	2.39E-04	2.09E-04	6.75E-08	2.04E-07	1.18E-07	1.45E-07	1.31E-07	5.98E-08	5.24E-08	2.25E-09	5.45E-08	1.20E-08	1.96E-08	3.11E-08	5.49E-09	2.75E-08	1.53E-07
4462	484863.09	3858377.25	2.20E-04	2.69E-04	2.36E-04	7.61E-08	2.30E-07	1.33E-07	1.63E-07	1.48E-07	6.74E-08	5.91E-08	2.54E-09	6.14E-08	1.35E-08	2.21E-08	3.51E-08	6.19E-09	3.10E-08	1.72E-07
4463	485363.09	3858377.25	2.49E-04	3.04E-04	2.67E-04	8.61E-08	2.60E-07	1.51E-07	1.84E-07	1.67E-07	7.63E-08	6.69E-08	2.88E-09	6.95E-08	1.53E-08	2.50E-08	3.97E-08	7.00E-09	3.51E-08	1.95E-07
4464	485863.09	3858377.25	2.86E-04	3.50E-04	3.07E-04	9.91E-08	2.99E-07	1.73E-07	2.12E-07	1.92E-07	8.78E-08	7.69E-08	3.31E-09	7.99E-08	1.76E-08	2.88E-08	4.57E-08	8.05E-09	4.04E-08	2.24E-07
4465	486363.09	3858377.25	3.35E-04	4.11E-04	3.60E-04	1.16E-07	3.51E-07	2.03E-07	2.49E-07	2.26E-07	1.03E-07	9.01E-08	3.88E-09	9.37E-08	2.07E-08	3.38E-08	5.36E-08	9.44E-09	4.73E-08	2.62E-07
4466	486863.09	3858377.25	3.98E-04	4.88E-04	4.27E-04	1.38E-07	4.17E-07	2.41E-07	2.95E-07	2.68E-07	1.22E-07	1.07E-07	4.61E-09	1.11E-07	2.46E-08	4.01E-08	6.36E-08	1.12E-08	5.62E-08	3.12E-07
4467	487363.09	3858377.25	5.07E-04	6.21E-04	5.45E-04	1.76E-07	5.31E-07	3.07E-07	3.76E-07	3.41E-07	1.56E-07	1.37E-07	5.87E-09	1.42E-07	3.13E-08	5.11E-08	8.11E-08	1.43E-08	7.17E-08	3.97E-07
4468	487863.09	3858377.25	8.55E-04	1.05E-03	9.21E-04	2.96E-07	8.95E-07	5.18E-07	6.34E-07	5.75E-07	2.62E-07	2.31E-07	9.90E-09	2.39E-07	5.27E-08	8.61E-08	1.37E-07	2.41E-08	1.21E-07	6.70E-07
4469	488363.09	3858377.25	2.16E-03	2.65E-03	2.33E-03	7.49E-07	2.26E-06	1.31E-06	1.60E-06	1.45E-06	6.63E-07	5.84E-07	2.50E-08	6.04E-07	1.33E-07	2.18E-07	3.45E-07	6.09E-08	3.07E-07	1.69E-06
4470	488863.09	3858377.25	1.00E-03	1.23E-03	1.08E-03	3.48E-07	1.05E-06	6.08E-07	7.44E-07	6.75E-07	3.08E-07	2.71E-07	1.16E-08	2.80E-07	6.19E-08	1.01E-07	1.60E-07	2.83E-08	1.42E-07	7.86E-07
4471	489363.09	3858377.25	7.31E-04	8.96E-04	7.86E-04	2.53E-07	7.65E-07	4.43E-07	5.43E-07	4.92E-07	2.24E-07	1.97E-07	8.46E-09	2.04E-07	4.51E-08	7.37E-08	1.17E-07	2.06E-08	1.03E-07	5.73E-07
4472	489863.09	3858377.25	5.92E-04	7.26E-04	6.37E-04	2.05E-07	6.20E-07	3.59E-07	4.40E-07	3.98E-07	1.82E-07	1.60E-07	6.86E-09	1.66E-07	3.65E-08	5.97E-08	9.47E-08	1.67E-08	8.37E-08	4.64E-07
4473	490363.09	3858377.25	4.97E-04	6.08E-04	5.34E-04	1.72E-07	5.20E-07	3.01E-07	3.69E-07	3.34E-07	1.52E-07	1.34E-07	5.75E-09	1.39E-07	3.06E-08	5.00E-08	7.94E-08	1.40E-08	7.02E-08	3.89E-07
4474	490863.09	3858377.25	4.26E-04	5.22E-04	4.58E-04	1.48E-07	4.46E-07	2.58E-07	3.16E-07	2.87E-07	1.31E-07	1.15E-07	4.93E-09	1.19E-07	2.63E-08	4.30E-08	6.81E-08	1.20E-08	6.02E-08	3.34E-07
4475	491363.09	3858377.25	3.66E-04	4.48E-04	3.92E-04	1.27E-07	3.83E-07	2.21E-07	2.71E-07	2.46E-07	1.12E-07	9.83E-08	4.23E-09	1.02E-07	2.26E-08	3.68E-08	5.84E-08	1.03E-08	5.16E-08	2.86E-07
4476	491863.09	3858377.25	2.89E-04	3.54E-04	3.10E-04	1.00E-07	3.03E-07	1.75E-07	2.15E-07	1.94E-07	8.87E-08	7.77E-08	3.35E-09	8.08E-08	1.78E-08	2.91E-08	4.62E-08	8.14E-09	4.08E-08	2.26E-07
4477	492363.09	3858377.25	1.89E-04	2.32E-04	2.03E-04	6.56E-08	1.98E-07	1.15E-07	1.40E-07	1.27E-07	5.81E-08	5.09E-08	2.19E-09	5.29E-08	1.17E-08	1.91E-08	3.02E-08	5.33E-09	2.67E-08	1.48E-07
4478	492863.09	3858377.25	1.95E-04	2.39E-04	2.09E-04	6.76E-08	2.04E-07	1.18E-07	1.45E-07	1.31E-07	5.98E-08	5.24E-08	2.26E-09	5.45E-08	1.20E-08	1.96E-08	3.12E-08	5.49E-09	2.75E-08	1.53E-07
4479	493363.09	3858377.25	1.62E-04	1.98E-04	1.74E-04	5.61E-08	1.69E-07	9.80E-08	1.20E-07	1.09E-07	4.96E-08	4.35E-08	1.87E-09	4.52E-08	9.98E-09	1.63E-08	2.59E-08	4.56E-09	2.28E-08	1.27E-07
4480	493863.09	3858377.25	1.44E-04	1.76E-04	1.54E-04	4.99E-08	1.51E-07	8.72E-08	1.07E-07	9.68E-08	4.42E-08	3.87E-08	1.67E-09	4.02E-08	8.88E-09	1.45E-08	2.30E-08	4.05E-09	2.03E-08	1.13E-07
4481	494363.09	3858377.25	1.25E-04	1.53E-04	1.34E-04	4.34E-08	1.31E-07	7.59E-08	9.29E-08	8.43E-08	3.84E-08	3.37E-08	1.45E-09	3.50E-08	7.73E-09	1.26E-08	2.00E-08	3.53E-09	1.77E-08	9.80E-08
4482	494863.09	3858377.25	1.11E-04	1.35E-04	1.19E-04	3.83E-08	1.16E-07	6.70E-08	8.20E-08	7.44E-08	3.39E-08	2.97E-08	1.28E-09	3.09E-08	6.82E-09	1.11E-08	1.77E-08	3.11E-09	1.56E-08	8.65E-08
4483	495363.09	3858377.25	9.53E-05	1.17E-04	1.02E-04	3.30E-08	9.97E-08	5.77E-08	7.07E-08	6.41E-08	2.92E-08	2.56E-08	1.10E-09	2.66E-08	5.88E-09	9.60E-09	1.52E-08	2.68E-09	1.34E-08	7.46E-08
4484	495863.09	3858377.25	9.14E-05	1.12E-04	9.82E-05	3.17E-08	9.57E-08	5.54E-08	6.78E-08	6.15E-08	2.81E-08	2.46E-08	1.06E-09	2.56E-08	5.64E-09	9.21E-09	1.46E-08	2.58E-09	1.29E-08	7.16E-08
4485	496363.09	3858377.25	8.71E-05	1.07E-04	9.35E-05	3.02E-08	9.11E-08	5.27E-08	6.46E-08	5.86E-08	2.67E-08	2.34E-08	1.01E-09	2.43E-08	5.37E-09	8.77E-09	1.39E-08	2.45E-09	1.23E-08	6.81E-08
4486	496863.09	3858377.25	8.98E-05	1.10E-04	9.64E-05	3.11E-08	9.39E-08	5.44E-08	6.66E-08	6.04E-08	2.76E-08	2.41E-08	1.04E-09	2.51E-08	5.54E-09	9.04E-09	1.43E-08	2.53E-09	1.27E-08	7.03E-08
4487	497363.09	3858377.25	8.88E-05	1.09E-04	9.54E-05	3.08E-08	9.30E-08	5.38E-08	6.59E-08	5.97E-08	2.73E-08	2.39E-08	1.03E-09	2.48E-08	5.48E-09	8.95E-09	1.42E-08	2.50E-09	1.25E-08	6.95E-08
4488	497863.09	3858377.25	9.65E-05	1.18E-04	1.04E-04	3.35E-08	1.01E-07	5.85E-08	7.16E-08	6.49E-08	2.96E-08	2.60E-08	1.12E-09	2.70E-08	5.96E-09	9.73E-09	1.54E-08	2.72E-09	1.36E-08	7.56E-08
4489	498363.09	3858377.25	1.06E-04	1.30E-04	1.14E-04	3.67E-08	1.11E-07	6.41E-08	7.86E-08	7.12E-08	3.25E-08	2.85E-08	1.23E-09	2.96E-08	6.53E-09	1.07E-08	1.69E-08	2.98E-09	1.49E-08	8.29E-08
4490	471363.09	3858877.25	1.93E-05	2.36E-05	2.07E-05	6.67E-09	2.01E-08	1.17E-08	1.43E-08	1.29E-08	5.91E-09	5.18E-09	2.23E-10	5.38E-09	1.19E-09	1.94E-09	3.08E-09	5.42E-10	2.72E-09	1.51E-08
4491	471863.09	3858877.25	2.02E-05	2.47E-05	2.17E-05	7.00E-09	2.11E-08	1.22E-08	1.50E-08	1.36E-08	6.20E-09	5.43E-09	2.34E-10	5.65E-09	1.25E-09	2.03E-09	3.23E-09	5.69E-10	2.85E-09	1.58E-08
4492	472363.09	3858877.25	2.18E-05	2.67E-05	2.34E-05	7.56E-09	2.28E-08	1.32E-08	1.62E-08	1.47E-08	6.70E-09	5.87E-09	2.52E-10	6.10E-09	1.35E-09	2.20E-09	3.49E-09	6.14E-10	3.08E-09	1.71E-08
4493	472863.09	3858877.25	2.34E-05	2.87E-05	2.51E-05	8.11E-09	2.45E-08	1.42E-08	1.74E-08	1.57E-08	7.18E-09	6.29E-09	2.71E-10	6.54E-09	1.44E-09	2.36E-09	3.74E-09	6.59E-10	3.30E-09	1.83E-08
4494	473363.09	3858877.25	2.54E-05	3.11E-05	2.73E-05	8.81E-09	2.66E-08	1.54E-08	1.89E-08	1.71E-08	7.80E-09	6.84E-09	2.94E-10	7.11E-09	1.57E-09	2.56E-09	4.06E-09	7.16E-10	3.59E-09	1.99E-08
4495	473863.09	3858877.25	2.66E-05	3.25E-05	2.85E-05	9.21E-09	2.78E-08	1.61E-08	1.97E-08	1.79E-08	8.15E-09	7.14E-09	3.07E-10	7.43E-09	1.64E-09	2.68E-09	4.25E-09	7.48E-10	3.75E-09	2.08E-08
4496	474363.09	3858877.25	2.59E-05	3.17E-05	2.78E-05	8.98E-09	2.71E-08	1.57E-08	1.92E-08	1.74E-08	7.95E-09	6.97E-09	3.00E-10	7.24E-09	1.60E-09	2.61E-09	4.14E-09	7.30E-10	3.66E-09	2.03E-08
4497	474863.09	3858877.25	1.33E-05	1.63E-05	1.43E-05	4.61E-09	1.39E-08	8.06E-09	9.87E-09	8.95E-09	4.08E-09	3.58E-09	1.54E-10	3.72E-09	8.21E-10	1.34E-09	2.13E-09	3.75E-10	1.88E-09	1.04E-08
4498	475363.09	3858877.25	9.51E-06	1.17E-05	1.02E-05	3.30E-09	9.95E-09	5.76E-09	7.06E-09	6.40E-09	2.92E-09	2.56E-09	1.10E-10	2.66E-09	5.87E-10	9.58E-10	1.52E-09	2.68E-10	1.34E-09	7.45E-09
4499	475863.09	3858877.25	1.12E-05	1.38E-05	1.21E-05	3.89E-09	1.18E-08	6.81E-09	8.34E-09	7.56E-09	3.45E-09	3.02E-09	1.30E-10	3.14E-09	6.93E-10	1.13E-09	1.80E-09	3.16E-10	1.59E-09	8.79E-09
4500	476363.09	3858877.25	6.75E-06	8.27E-06	7.25E-06	2.34E-09	7.06E-09	4.09E-09	5.01E-09	4.54E-09	2.07E-09	1.82E-09	7.81E-11	1.89E-09	4.16E-10	6.80E-10	1.08E-09	1.90E-10	9.53E-10	5.28E-09
4501	476863.09	3858877.25	8.86E-06	1.09E-05	9.52E-06	3.07E-09	9.27E-09	5.37E-09	6.57E-09	5.96E-09	2.72E-09	2.38E-09	1.03E-10	2.48E-09	5.47E-10	8.93E-10	1.42E-09	2.50E-10	1.25E-09	6.94E-09
4502	477363.09	3858877.25	9.19E-06	1.13E-05	9.87E-06	3.18E-09	9.62E-09	5.57E-09	6.82E-09	6.18E-09	2.82E-09	2.47E-09	1.06E-10	2.57E-09	5.67E-10	9.26E-10	1.47E-09	2.59E-10	1.30E-09	7.19E-09
4503	477863.09	3858877.25	1.19E-05	1.46E-05	1.28E-05	4.13E-09	1.25E-08	7.21E-09	8.83E-09	8.01E-09	3.65E-09	3.20E-09	1.38E-10	3.33E-09	7.34E-10	1.20E-09	1.90E-09	3.35E-10	1.68E-09	9.32E-09

4504	478363.09	3858877.25	2.72E-05	3.33E-05	2.92E-05	9.42E-09	2.84E-08	1.65E-08	2.02E-08	1.83E-08	8.34E-09	7.32E-09	3.14E-10	7.60E-09	1.68E-09	2.74E-09	4.34E-09	7.65E-10	3.84E-09	2.13E-08
4505	478863.09	3858877.25	2.29E-05	2.81E-05	2.46E-05	7.94E-09	2.40E-08	1.39E-08	1.70E-08	1.54E-08	7.03E-09	6.17E-09	2.65E-10	6.41E-09	1.41E-09	2.31E-09	3.66E-09	6.46E-10	3.24E-09	1.79E-08
4506	479363.09	3858877.25	1.81E-05	2.22E-05	1.95E-05	6.29E-09	1.90E-08	1.10E-08	1.35E-08	1.22E-08	5.57E-09	4.88E-09	2.10E-10	5.07E-09	1.12E-09	1.83E-09	2.90E-09	5.11E-10	2.56E-09	1.42E-08
4507	479863.09	3858877.25	6.77E-05	8.29E-05	7.28E-05	2.35E-08	7.08E-08	4.10E-08	5.02E-08	4.55E-08	2.08E-08	1.82E-08	7.84E-10	1.89E-08	4.18E-09	6.82E-09	1.08E-08	1.91E-09	9.57E-09	5.30E-08
4508	480363.09	3858877.25	7.61E-05	9.32E-05	8.17E-05	2.64E-08	7.96E-08	4.61E-08	5.64E-08	5.12E-08	2.33E-08	2.05E-08	8.80E-10	2.13E-08	4.69E-09	7.66E-09	1.22E-08	2.14E-09	1.07E-08	5.95E-08
4509	480863.09	3858877.25	8.44E-05	1.03E-04	9.07E-05	2.93E-08	8.83E-08	5.11E-08	6.26E-08	5.68E-08	2.59E-08	2.27E-08	9.77E-10	2.36E-08	5.21E-09	8.51E-09	1.35E-08	2.38E-09	1.19E-08	6.61E-08
4510	481363.09	3858877.25	9.35E-05	1.15E-04	1.00E-04	3.24E-08	9.78E-08	5.66E-08	6.94E-08	6.29E-08	2.87E-08	2.52E-08	1.08E-09	2.61E-08	5.77E-09	9.42E-09	1.49E-08	2.63E-09	1.32E-08	7.32E-08
4511	481863.09	3858877.25	1.04E-04	1.28E-04	1.12E-04	3.61E-08	1.09E-07	6.31E-08	7.73E-08	7.01E-08	3.20E-08	2.81E-08	1.21E-09	2.91E-08	6.43E-09	1.05E-08	1.67E-08	2.94E-09	1.47E-08	8.16E-08
4512	482363.09	3858877.25	1.16E-04	1.42E-04	1.24E-04	4.01E-08	1.21E-07	7.00E-08	8.57E-08	7.77E-08	3.55E-08	3.11E-08	1.34E-09	3.23E-08	7.13E-09	1.16E-08	1.85E-08	3.25E-09	1.63E-08	9.05E-08
4513	482863.09	3858877.25	1.28E-04	1.57E-04	1.38E-04	4.44E-08	1.34E-07	7.77E-08	9.52E-08	8.63E-08	3.94E-08	3.45E-08	1.48E-09	3.59E-08	7.91E-09	1.29E-08	2.05E-08	3.61E-09	1.81E-08	1.00E-07
4514	483363.09	3858877.25	1.34E-04	1.64E-04	1.43E-04	4.63E-08	1.40E-07	8.09E-08	9.91E-08	8.99E-08	4.10E-08	3.60E-08	1.55E-09	3.74E-08	8.24E-09	1.35E-08	2.14E-08	3.76E-09	1.89E-08	1.05E-07
4515	483863.09	3858877.25	1.44E-04	1.76E-04	1.55E-04	4.99E-08	1.51E-07	8.72E-08	1.07E-07	9.68E-08	4.42E-08	3.87E-08	1.67E-09	4.02E-08	8.88E-09	1.45E-08	2.30E-08	4.05E-09	2.03E-08	1.13E-07
4516	484363.09	3858877.25	1.58E-04	1.94E-04	1.70E-04	5.49E-08	1.66E-07	9.60E-08	1.18E-07	1.07E-07	4.86E-08	4.26E-08	1.83E-09	4.43E-08	9.77E-09	1.60E-08	2.53E-08	4.46E-09	2.24E-08	1.24E-07
4517	484863.09	3858877.25	1.74E-04	2.13E-04	1.87E-04	6.02E-08	1.82E-07	1.05E-07	1.29E-07	1.17E-07	5.33E-08	4.67E-08	2.01E-09	4.85E-08	1.07E-08	1.75E-08	2.77E-08	4.89E-09	2.45E-08	1.36E-07
4518	485363.09	3858877.25	1.91E-04	2.34E-04	2.05E-04	6.61E-08	2.00E-07	1.16E-07	1.41E-07	1.28E-07	5.85E-08	5.13E-08	2.21E-09	5.33E-08	1.18E-08	1.92E-08	3.05E-08	5.37E-09	2.69E-08	1.49E-07
4519	485863.09	3858877.25	2.11E-04	2.58E-04	2.26E-04	7.31E-08	2.21E-07	1.28E-07	1.57E-07	1.42E-07	6.47E-08	5.67E-08	2.44E-09	5.90E-08	1.30E-08	2.12E-08	3.37E-08	5.94E-09	2.98E-08	1.65E-07
4520	486363.09	3858877.25	2.32E-04	2.84E-04	2.49E-04	8.03E-08	2.42E-07	1.40E-07	1.72E-07	1.56E-07	7.11E-08	6.23E-08	2.68E-09	6.48E-08	1.43E-08	2.33E-08	3.70E-08	6.52E-09	3.27E-08	1.81E-07
4521	486863.09	3858877.25	2.58E-04	3.16E-04	2.77E-04	8.93E-08	2.70E-07	1.56E-07	1.91E-07	1.73E-07	7.91E-08	6.93E-08	2.98E-09	7.20E-08	1.59E-08	2.60E-08	4.12E-08	7.26E-09	3.64E-08	2.02E-07
4522	487363.09	3858877.25	2.98E-04	3.65E-04	3.20E-04	1.03E-07	3.12E-07	1.81E-07	2.21E-07	2.00E-07	9.14E-08	8.03E-08	3.45E-09	8.33E-08	1.84E-08	3.00E-08	4.76E-08	8.39E-09	4.21E-08	2.33E-07
4523	487863.09	3858877.25	3.55E-04	4.35E-04	3.82E-04	1.23E-07	3.72E-07	2.15E-07	2.64E-07	2.39E-07	1.09E-07	9.58E-08	4.11E-09	9.94E-08	2.19E-08	3.58E-08	5.68E-08	1.00E-08	5.03E-08	2.78E-07
4524	488363.09	3858877.25	5.14E-04	6.30E-04	5.53E-04	1.78E-07	5.38E-07	3.11E-07	3.81E-07	3.46E-07	1.58E-07	1.39E-07	5.95E-09	1.44E-07	3.17E-08	5.18E-08	8.21E-08	1.45E-08	7.28E-08	4.02E-07
4525	488863.09	3858877.25	1.86E-03	2.28E-03	2.01E-03	6.44E-07	1.94E-06	1.13E-06	1.38E-06	1.25E-06	5.71E-07	5.03E-07	2.15E-08	5.20E-07	1.15E-07	1.87E-07	2.97E-07	5.24E-08	2.64E-07	1.46E-06
4526	489363.09	3858877.25	6.39E-04	7.83E-04	6.89E-04	2.22E-07	6.69E-07	3.87E-07	4.74E-07	4.30E-07	1.96E-07	1.73E-07	7.40E-09	1.79E-07	3.94E-08	6.44E-08	1.02E-07	1.80E-08	9.06E-08	5.01E-07
4527	489863.09	3858877.25	4.47E-04	5.48E-04	4.81E-04	1.55E-07	4.68E-07	2.71E-07	3.32E-07	3.01E-07	1.37E-07	1.21E-07	5.18E-09	1.25E-07	2.76E-08	4.51E-08	7.15E-08	1.26E-08	6.33E-08	3.50E-07
4528	490363.09	3858877.25	3.70E-04	4.54E-04	3.98E-04	1.28E-07	3.88E-07	2.24E-07	2.75E-07	2.49E-07	1.14E-07	9.98E-08	4.29E-09	1.04E-07	2.28E-08	3.73E-08	5.92E-08	1.04E-08	5.24E-08	2.90E-07
4529	490863.09	3858877.25	3.16E-04	3.87E-04	3.39E-04	1.09E-07	3.30E-07	1.91E-07	2.34E-07	2.12E-07	9.69E-08	8.50E-08	3.65E-09	8.83E-08	1.95E-08	3.18E-08	5.05E-08	8.89E-09	4.46E-08	2.47E-07
4530	491363.09	3858877.25	2.60E-04	3.18E-04	2.79E-04	9.00E-08	2.72E-07	1.57E-07	1.93E-07	1.75E-07	7.97E-08	6.99E-08	3.01E-09	7.26E-08	1.60E-08	2.62E-08	4.15E-08	7.32E-09	3.67E-08	2.03E-07
4531	491863.09	3858877.25	1.94E-04	2.38E-04	2.08E-04	6.72E-08	2.03E-07	1.18E-07	1.44E-07	1.31E-07	5.95E-08	5.22E-08	2.25E-09	5.42E-08	1.20E-08	1.95E-08	3.10E-08	5.46E-09	2.74E-08	1.52E-07
4532	492363.09	3858877.25	2.05E-04	2.51E-04	2.20E-04	7.12E-08	2.15E-07	1.24E-07	1.52E-07	1.38E-07	6.30E-08	5.52E-08	2.38E-09	5.74E-08	1.27E-08	2.07E-08	3.28E-08	5.78E-09	2.90E-08	1.61E-07
4533	492863.09	3858877.25	2.09E-04	2.56E-04	2.24E-04	7.24E-08	2.19E-07	1.27E-07	1.55E-07	1.41E-07	6.41E-08	5.62E-08	2.42E-09	5.84E-08	1.29E-08	2.11E-08	3.34E-08	5.89E-09	2.95E-08	1.64E-07
4534	493363.09	3858877.25	1.88E-04	2.30E-04	2.01E-04	6.51E-08	1.96E-07	1.14E-07	1.39E-07	1.26E-07	5.76E-08	5.05E-08	2.17E-09	5.25E-08	1.16E-08	1.89E-08	3.00E-08	5.29E-09	2.65E-08	1.47E-07
4535	493863.09	3858877.25	1.56E-04	1.91E-04	1.67E-04	5.40E-08	1.63E-07	9.44E-08	1.16E-07	1.05E-07	4.78E-08	4.19E-08	1.80E-09	4.36E-08	9.62E-09	1.57E-08	2.49E-08	4.39E-09	2.20E-08	1.22E-07
4536	494363.09	3858877.25	1.42E-04	1.74E-04	1.52E-04	4.91E-08	1.48E-07	8.58E-08	1.05E-07	9.53E-08	4.35E-08	3.81E-08	1.64E-09	3.96E-08	8.74E-09	1.43E-08	2.26E-08	3.99E-09	2.00E-08	1.11E-07
4537	494863.09	3858877.25	1.26E-04	1.54E-04	1.35E-04	4.35E-08	1.31E-07	7.61E-08	9.32E-08	8.45E-08	3.85E-08	3.38E-08	1.45E-09	3.51E-08	7.75E-09	1.27E-08	2.01E-08	3.54E-09	1.77E-08	9.83E-08
4538	495363.09	3858877.25	1.11E-04	1.36E-04	1.20E-04	3.86E-08	1.17E-07	6.75E-08	8.27E-08	7.49E-08	3.42E-08	3.00E-08	1.29E-09	3.11E-08	6.87E-09	1.12E-08	1.78E-08	3.14E-09	1.57E-08	8.72E-08
4539	495863.09	3858877.25	1.04E-04	1.27E-04	1.12E-04	3.60E-08	1.09E-07	6.30E-08	7.72E-08	7.00E-08	3.19E-08	2.80E-08	1.20E-09	2.91E-08	6.42E-09	1.05E-08	1.66E-08	2.93E-09	1.47E-08	8.14E-08
4540	496363.09	3858877.25	1.01E-04	1.24E-04	1.08E-04	3.50E-08	1.06E-07	6.12E-08	7.49E-08	6.79E-08	3.10E-08	2.71E-08	1.17E-09	2.82E-08	6.23E-09	1.02E-08	1.61E-08	2.84E-09	1.42E-08	7.90E-08
4541	496863.09	3858877.25	9.81E-05	1.20E-04	1.05E-04	3.40E-08	1.03E-07	5.94E-08	7.28E-08	6.60E-08	3.01E-08	2.64E-08	1.14E-09	2.74E-08	6.05E-09	9.88E-09	1.57E-08	2.76E-09	1.38E-08	7.68E-08
4542	497363.09	3858877.25	9.50E-05	1.16E-04	1.02E-04	3.29E-08	9.94E-08	5.76E-08	7.05E-08	6.39E-08	2.92E-08	2.56E-08	1.10E-09	2.66E-08	5.86E-09	9.57E-09	1.52E-08	2.68E-09	1.34E-08	7.44E-08
4543	497863.09	3858877.25	1.03E-04	1.26E-04	1.10E-04	3.56E-08	1.07E-07	6.22E-08	7.62E-08	6.91E-08	3.15E-08	2.76E-08	1.19E-09	2.87E-08	6.34E-09	1.03E-08	1.64E-08	2.89E-09	1.45E-08	8.04E-08
4544	498363.09	3858877.25	1.08E-04	1.32E-04	1.15E-04	3.73E-08	1.13E-07	6.52E-08	7.98E-08	7.23E-08	3.30E-08	2.89E-08	1.24E-09	3.01E-08	6.63E-09	1.08E-08	1.72E-08	3.03E-09	1.52E-08	8.42E-08
4545	471363.09	3859377.25	1.95E-05	2.39E-05	2.10E-05	6.77E-09	2.04E-08	1.18E-08	1.45E-08	1.31E-08	5.99E-09	5.25E-09	2.26E-10	5.46E-09	1.20E-09	1.97E-09	3.12E-09	5.50E-10	2.76E-09	1.53E-08
4546	471863.09	3859377.25	2.07E-05	2.53E-05	2.22E-05	7.17E-09	2.16E-08	1.25E-08	1.53E-08	1.39E-08	6.35E-09	5.56E-09	2.39E-10	5.78E-09	1.28E-09	2.08E-09	3.31E-09	5.83E-10	2.92E-09	1.62E-08
4547	472363.09	3859377.25	2.22E-05	2.72E-05	2.38E-05	7.69E-09	2.32E-08	1.34E-08	1.65E-08	1.49E-08	6.81E-09	5.97E-09	2.57E-10	6.20E-09	1.37E-09	2.23E-09	3.54E-09	6.25E-10	3.13E-09	1.74E-08
4548	472863.09	3859377.25	2.36E-05	2.89E-05	2.54E-05	8.18E-09	2.47E-08	1.43E-08	1.75E-08	1.59E-08	7.25E-09	6.35E-09	2.73E-10	6.60E-09	1.46E-09	2.38E-09	3.77E-09	6.65E-10	3.33E-09	1.85E-08
4549	473363.09	3859377.25	2.53E-05	3.09E-05	2.71E-05	8.76E-09	2.64E-08	1.53E-08	1.87E-08	1.70E-08	7.75E-09	6.80E-09	2.92E-10	7.06E-09	1.56E-09	2.55E-09	4.04E-09	7.12E-10	3.57E-09	1.98E-08
4550	473863.09	3859377.25	2.67E-05	3.27E-05	2.87E-05	9.25E-09	2.79E-08	1.62E-08	1.98E-08	1.79E-08	8.19E-09	7.18E-09	3.09E-10	7.46E-09	1.65E-09	2.69E-09	4.26E-09	7.52E-10	3.77E-09	2.09E-08
4551	474363.09	3859377.25	2.59E-05	3.18E-05	2.79E-05	8.99E-09	2.71E-08	1.57E-08	1.93E-08	1.75E-08	7.96E-09	6.98E-09	3.00E-10	7.25E-09	1.60E-09	2.61E-09	4.15E-09	7.31E-10	3.66E-09	2.03E-08
4552	474863.09	3859377.25	2.09E-05	2.56E-05	2.25E-05	7.25E-09	2.19E-08	1.27E-08	1.55E-08	1.41E-08	6.42E-09	5.63E-09	2.42E-10	5.85E-09	1.29E-09	2.11E-09	3.34E-09	5.89E-10	2.95E-09	1.64E-08
4553	475363.09	3859377.25	1.39E-05	1.70E-05	1.49E-05	4.81E-09	1.45E-08	8.41E-09	1.03E-08	9.34E-09	4.26E-09	3.73E-09	1.61E-10	3.88E-09	8.56E-10	1.40E-09	2.22E-09	3.91E-10	1.96E-09	1.09E-08
4554	475863.09	3859377.25	8.57E-06	1.05E-05	9.20E-06	2.97E-09	8.96E-09	5.19E-09	6.36E-09	5.76E-09	2.63E-09	2.31E-09	9.91E-11	2.39E-09	5.28E-10	8.63E-10	1.37E-09	2.41E-10	1.21E-09	6.71E-09
4555	476363.09	3859377.25	7.57E-06	9.27E-06	8.13E-06	2.62E-09	7.92E-09	4.59E-09	5.62E-09	5.09E-09	2.32E-09	2.04E-09	8.76E-11	2.12E-09	4.67E-10	7.63E-10	1.21E-09	2.13E-10	1.07E-09	5.93E-09
4556	476863.09	3859377.25	6.05E-06	7.42E-06	6.50E-06	2.10E-09	6.34E-09	3.67E-09	4.49E-09	4.07E-09	1.86E-09	1.63E-09	7.01E-11	1.69E-09	3.73E-10	6.10E-10	9.68E-10	1.71E-10	8.55E-10	4.74E-09
4557	477363.09	3859377.25	6.72E-06	8.23E-06	7.22E-06	2.33E-09	7.03E-09	4.07E-09	4.99E-09	4.52E-09	2.06E-09	1.81E-09	7.78E-11	1.88E-09	4.15E-10	6.77E-10	1.07E-09	1.89E-10	9.49E-10	5.26E-09
4558	477863.09	3859377.25	1.37E-05	1.67E-05	1.47E-05	4.74E-09	1.43E-08	8.28E-09	1.01E-08	9.20E-09	4.20E-09	3.68E-09	1.58E-10	3.82E-09	8.43E-10	1.38E-09	2.19E-09	3.85E-10	1.93E-09	1.07E-08

4559	478363.09	3859377.25	2.36E-05	2.89E-05	2.54E-05	8.18E-09	2.47E-08	1.43E-08	1.75E-08	1.59E-08	7.25E-09	6.35E-09	2.73E-10	6.60E-09	1.46E-09	2.38E-09	3.77E-09	6.65E-10	3.33E-09	1.85E-08
4560	478863.09	3859377.25	3.85E-05	4.71E-05	4.13E-05	1.33E-08	4.03E-08	2.33E-08	2.85E-08	2.59E-08	1.18E-08	1.04E-08	4.45E-10	1.08E-08	2.37E-09	3.88E-09	6.15E-09	1.08E-09	5.43E-09	3.01E-08
4561	479363.09	3859377.25	5.13E-05	6.28E-05	5.51E-05	1.78E-08	5.36E-08	3.11E-08	3.80E-08	3.45E-08	1.57E-08	1.38E-08	5.93E-10	1.43E-08	3.16E-09	5.17E-09	8.19E-09	1.44E-09	7.24E-09	4.01E-08
4562	479863.09	3859377.25	6.12E-05	7.50E-05	6.58E-05	2.12E-08	6.41E-08	3.71E-08	4.54E-08	4.12E-08	1.88E-08	1.65E-08	7.09E-10	1.71E-08	3.78E-09	6.17E-09	9.78E-09	1.72E-09	8.65E-09	4.79E-08
4563	480363.09	3859377.25	6.99E-05	8.56E-05	7.51E-05	2.42E-08	7.31E-08	4.23E-08	5.19E-08	4.70E-08	2.14E-08	1.88E-08	8.09E-10	1.95E-08	4.31E-09	7.04E-09	1.12E-08	1.97E-09	9.87E-09	5.47E-08
4564	480863.09	3859377.25	7.70E-05	9.43E-05	8.26E-05	2.67E-08	8.05E-08	4.66E-08	5.71E-08	5.18E-08	2.36E-08	2.07E-08	8.91E-10	2.15E-08	4.75E-09	7.75E-09	1.23E-08	2.17E-09	1.09E-08	6.02E-08
4565	481363.09	3859377.25	8.46E-05	1.04E-04	9.09E-05	2.93E-08	8.86E-08	5.13E-08	6.28E-08	5.69E-08	2.60E-08	2.28E-08	9.80E-10	2.37E-08	5.22E-09	8.53E-09	1.35E-08	2.38E-09	1.20E-08	6.62E-08
4566	481863.09	3859377.25	9.30E-05	1.14E-04	9.99E-05	3.22E-08	9.73E-08	5.63E-08	6.90E-08	6.25E-08	2.85E-08	2.50E-08	1.08E-09	2.60E-08	5.74E-09	9.37E-09	1.49E-08	2.62E-09	1.31E-08	7.28E-08
4567	482363.09	3859377.25	1.01E-04	1.24E-04	1.09E-04	3.51E-08	1.06E-07	6.14E-08	7.52E-08	6.82E-08	3.11E-08	2.73E-08	1.17E-09	2.83E-08	6.25E-09	1.02E-08	1.62E-08	2.86E-09	1.43E-08	7.94E-08
4568	482863.09	3859377.25	1.10E-04	1.35E-04	1.19E-04	3.83E-08	1.16E-07	6.69E-08	8.20E-08	7.43E-08	3.39E-08	2.97E-08	1.28E-09	3.09E-08	6.82E-09	1.11E-08	1.77E-08	3.11E-09	1.56E-08	8.65E-08
4569	483363.09	3859377.25	1.18E-04	1.45E-04	1.27E-04	4.09E-08	1.24E-07	7.16E-08	8.76E-08	7.94E-08	3.62E-08	3.18E-08	1.37E-09	3.30E-08	7.29E-09	1.19E-08	1.89E-08	3.33E-09	1.67E-08	9.24E-08
4570	483863.09	3859377.25	1.20E-04	1.48E-04	1.29E-04	4.17E-08	1.26E-07	7.30E-08	8.94E-08	8.10E-08	3.70E-08	3.24E-08	1.39E-09	3.37E-08	7.43E-09	1.21E-08	1.92E-08	3.39E-09	1.70E-08	9.43E-08
4571	484363.09	3859377.25	1.30E-04	1.59E-04	1.40E-04	4.50E-08	1.36E-07	7.87E-08	9.64E-08	8.74E-08	3.99E-08	3.50E-08	1.50E-09	3.63E-08	8.01E-09	1.31E-08	2.08E-08	3.66E-09	1.84E-08	1.02E-07
4572	484863.09	3859377.25	1.40E-04	1.71E-04	1.50E-04	4.85E-08	1.46E-07	8.47E-08	1.04E-07	9.41E-08	4.29E-08	3.77E-08	1.62E-09	3.91E-08	8.63E-09	1.41E-08	2.24E-08	3.94E-09	1.98E-08	1.09E-07
4573	485363.09	3859377.25	1.50E-04	1.84E-04	1.61E-04	5.20E-08	1.57E-07	9.08E-08	1.11E-07	1.01E-07	4.60E-08	4.04E-08	1.74E-09	4.19E-08	9.25E-09	1.51E-08	2.40E-08	4.22E-09	2.12E-08	1.17E-07
4574	485863.09	3859377.25	1.60E-04	1.96E-04	1.72E-04	5.56E-08	1.68E-07	9.72E-08	1.19E-07	1.08E-07	4.92E-08	4.31E-08	1.86E-09	4.48E-08	9.89E-09	1.62E-08	2.56E-08	4.52E-09	2.26E-08	1.26E-07
4575	486363.09	3859377.25	1.71E-04	2.10E-04	1.84E-04	5.94E-08	1.79E-07	1.04E-07	1.27E-07	1.15E-07	5.26E-08	4.61E-08	1.98E-09	4.79E-08	1.06E-08	1.73E-08	2.74E-08	4.83E-09	2.42E-08	1.34E-07
4576	486863.09	3859377.25	1.81E-04	2.22E-04	1.94E-04	6.27E-08	1.89E-07	1.10E-07	1.34E-07	1.22E-07	5.55E-08	4.87E-08	2.09E-09	5.06E-08	1.12E-08	1.82E-08	2.89E-08	5.09E-09	2.55E-08	1.42E-07
4577	487363.09	3859377.25	1.92E-04	2.35E-04	2.06E-04	6.66E-08	2.01E-07	1.16E-07	1.43E-07	1.29E-07	5.90E-08	5.17E-08	2.22E-09	5.37E-08	1.19E-08	1.94E-08	3.07E-08	5.41E-09	2.72E-08	1.50E-07
4578	487863.09	3859377.25	2.11E-04	2.58E-04	2.26E-04	7.30E-08	2.20E-07	1.28E-07	1.56E-07	1.42E-07	6.46E-08	5.67E-08	2.44E-09	5.89E-08	1.30E-08	2.12E-08	3.37E-08	5.93E-09	2.98E-08	1.65E-07
4579	488363.09	3859377.25	2.29E-04	2.81E-04	2.46E-04	7.94E-08	2.40E-07	1.39E-07	1.70E-07	1.54E-07	7.03E-08	6.17E-08	2.65E-09	6.40E-08	1.41E-08	2.31E-08	3.66E-08	6.45E-09	3.24E-08	1.79E-07
4580	488863.09	3859377.25	2.41E-04	2.95E-04	2.59E-04	8.34E-08	2.52E-07	1.46E-07	1.79E-07	1.62E-07	7.39E-08	6.48E-08	2.79E-09	6.73E-08	1.48E-08	2.43E-08	3.85E-08	6.78E-09	3.40E-08	1.88E-07
4581	489363.09	3859377.25	2.44E-04	2.99E-04	2.62E-04	8.46E-08	2.55E-07	1.48E-07	1.81E-07	1.64E-07	7.49E-08	6.57E-08	2.82E-09	6.82E-08	1.50E-08	2.46E-08	3.90E-08	6.87E-09	3.45E-08	1.91E-07
4582	489863.09	3859377.25	2.36E-04	2.89E-04	2.54E-04	8.18E-08	2.47E-07	1.43E-07	1.75E-07	1.59E-07	7.24E-08	6.36E-08	2.73E-09	6.60E-08	1.46E-08	2.38E-08	3.77E-08	6.65E-09	3.34E-08	1.85E-07
4583	490363.09	3859377.25	2.29E-04	2.80E-04	2.46E-04	7.92E-08	2.39E-07	1.38E-07	1.70E-07	1.54E-07	7.01E-08	6.15E-08	2.64E-09	6.39E-08	1.41E-08	2.30E-08	3.65E-08	6.44E-09	3.23E-08	1.79E-07
4584	490863.09	3859377.25	2.16E-04	2.65E-04	2.32E-04	7.49E-08	2.26E-07	1.31E-07	1.60E-07	1.45E-07	6.63E-08	5.82E-08	2.50E-09	6.04E-08	1.33E-08	2.18E-08	3.45E-08	6.09E-09	3.05E-08	1.69E-07
4585	491363.09	3859377.25	1.86E-04	2.28E-04	1.99E-04	6.44E-08	1.94E-07	1.13E-07	1.38E-07	1.25E-07	5.70E-08	5.00E-08	2.15E-09	5.19E-08	1.15E-08	1.87E-08	2.97E-08	5.23E-09	2.62E-08	1.45E-07
4586	491863.09	3859377.25	1.96E-04	2.40E-04	2.11E-04	6.80E-08	2.05E-07	1.19E-07	1.46E-07	1.32E-07	6.02E-08	5.28E-08	2.27E-09	5.48E-08	1.21E-08	1.98E-08	3.13E-08	5.52E-09	2.77E-08	1.54E-07
4587	492363.09	3859377.25	1.87E-04	2.29E-04	2.01E-04	6.48E-08	1.96E-07	1.13E-07	1.39E-07	1.26E-07	5.74E-08	5.03E-08	2.17E-09	5.23E-08	1.15E-08	1.88E-08	2.99E-08	5.27E-09	2.64E-08	1.46E-07
4588	492863.09	3859377.25	1.78E-04	2.18E-04	1.91E-04	6.17E-08	1.86E-07	1.08E-07	1.32E-07	1.20E-07	5.46E-08	4.79E-08	2.06E-09	4.98E-08	1.10E-08	1.79E-08	2.84E-08	5.01E-09	2.51E-08	1.39E-07
4589	493363.09	3859377.25	1.64E-04	2.01E-04	1.76E-04	5.70E-08	1.72E-07	9.96E-08	1.22E-07	1.11E-07	5.04E-08	4.42E-08	1.90E-09	4.60E-08	1.01E-08	1.66E-08	2.63E-08	4.63E-09	2.32E-08	1.29E-07
4590	493863.09	3859377.25	1.55E-04	1.90E-04	1.67E-04	5.39E-08	1.63E-07	9.42E-08	1.15E-07	1.05E-07	4.77E-08	4.18E-08	1.80E-09	4.35E-08	9.59E-09	1.57E-08	2.48E-08	4.38E-09	2.19E-08	1.22E-07
4591	494363.09	3859377.25	1.45E-04	1.77E-04	1.55E-04	5.02E-08	1.52E-07	8.77E-08	1.07E-07	9.74E-08	4.44E-08	3.89E-08	1.68E-09	4.05E-08	8.93E-09	1.46E-08	2.31E-08	4.08E-09	2.04E-08	1.13E-07
4592	494863.09	3859377.25	1.29E-04	1.58E-04	1.38E-04	4.46E-08	1.35E-07	7.79E-08	9.54E-08	8.65E-08	3.95E-08	3.46E-08	1.49E-09	3.60E-08	7.93E-09	1.30E-08	2.06E-08	3.62E-09	1.82E-08	1.01E-07
4593	495363.09	3859377.25	1.22E-04	1.50E-04	1.31E-04	4.23E-08	1.28E-07	7.40E-08	9.06E-08	8.21E-08	3.75E-08	3.28E-08	1.41E-09	3.41E-08	7.53E-09	1.23E-08	1.95E-08	3.44E-09	1.72E-08	9.56E-08
4594	495863.09	3859377.25	1.13E-04	1.39E-04	1.22E-04	3.93E-08	1.19E-07	6.86E-08	8.40E-08	7.62E-08	3.48E-08	3.05E-08	1.31E-09	3.17E-08	6.99E-09	1.14E-08	1.81E-08	3.19E-09	1.60E-08	8.86E-08
4595	496363.09	3859377.25	1.10E-04	1.35E-04	1.19E-04	3.83E-08	1.16E-07	6.69E-08	8.19E-08	7.43E-08	3.39E-08	2.97E-08	1.28E-09	3.09E-08	6.81E-09	1.11E-08	1.76E-08	3.11E-09	1.56E-08	8.64E-08
4596	496863.09	3859377.25	1.00E-04	1.23E-04	1.08E-04	3.48E-08	1.05E-07	6.07E-08	7.44E-08	6.74E-08	3.08E-08	2.70E-08	1.16E-09	2.80E-08	6.19E-09	1.01E-08	1.60E-08	2.82E-09	1.42E-08	7.85E-08
4597	497363.09	3859377.25	1.01E-04	1.24E-04	1.09E-04	3.51E-08	1.06E-07	6.14E-08	7.53E-08	6.82E-08	3.11E-08	2.73E-08	1.17E-09	2.84E-08	6.26E-09	1.02E-08	1.62E-08	2.86E-09	1.43E-08	7.94E-08
4598	497863.09	3859377.25	1.04E-04	1.28E-04	1.12E-04	3.62E-08	1.09E-07	6.33E-08	7.75E-08	7.02E-08	3.20E-08	2.81E-08	1.21E-09	2.92E-08	6.44E-09	1.05E-08	1.67E-08	2.94E-09	1.47E-08	8.17E-08
4599	498363.09	3859377.25	1.03E-04	1.27E-04	1.11E-04	3.59E-08	1.08E-07	6.27E-08	7.68E-08	6.96E-08	3.18E-08	2.78E-08	1.20E-09	2.89E-08	6.38E-09	1.04E-08	1.65E-08	2.91E-09	1.46E-08	8.10E-08
4600	471363.09	3859877.25	1.98E-05	2.43E-05	2.13E-05	6.86E-09	2.07E-08	1.20E-08	1.47E-08	1.33E-08	6.08E-09	5.33E-09	2.29E-10	5.54E-09	1.22E-09	2.00E-09	3.17E-09	5.58E-10	2.80E-09	1.55E-08
4601	471863.09	3859877.25	2.09E-05	2.57E-05	2.25E-05	7.26E-09	2.19E-08	1.27E-08	1.55E-08	1.41E-08	6.43E-09	5.64E-09	2.42E-10	5.86E-09	1.29E-09	2.11E-09	3.35E-09	5.90E-10	2.96E-09	1.64E-08
4602	472363.09	3859877.25	2.21E-05	2.70E-05	2.37E-05	7.65E-09	2.31E-08	1.34E-08	1.64E-08	1.48E-08	6.77E-09	5.94E-09	2.55E-10	6.17E-09	1.36E-09	2.22E-09	3.53E-09	6.22E-10	3.12E-09	1.73E-08
4603	472863.09	3859877.25	2.36E-05	2.89E-05	2.53E-05	8.17E-09	2.47E-08	1.43E-08	1.75E-08	1.59E-08	7.24E-09	6.35E-09	2.73E-10	6.59E-09	1.45E-09	2.38E-09	3.77E-09	6.64E-10	3.33E-09	1.85E-08
4604	473363.09	3859877.25	2.52E-05	3.09E-05	2.71E-05	8.73E-09	2.64E-08	1.53E-08	1.87E-08	1.70E-08	7.73E-09	6.78E-09	2.92E-10	7.04E-09	1.55E-09	2.54E-09	4.03E-09	7.10E-10	3.56E-09	1.97E-08
4605	473863.09	3859877.25	2.69E-05	3.29E-05	2.88E-05	9.31E-09	2.81E-08	1.63E-08	1.99E-08	1.81E-08	8.24E-09	7.23E-09	3.11E-10	7.51E-09	1.66E-09	2.70E-09	4.29E-09	7.56E-10	3.79E-09	2.10E-08
4606	474363.09	3859877.25	2.72E-05	3.33E-05	2.92E-05	9.43E-09	2.85E-08	1.65E-08	2.02E-08	1.83E-08	8.35E-09	7.32E-09	3.15E-10	7.61E-09	1.68E-09	2.74E-09	4.35E-09	7.66E-10	3.84E-09	2.13E-08
4607	474863.09	3859877.25	2.55E-05	3.13E-05	2.74E-05	8.85E-09	2.67E-08	1.55E-08	1.89E-08	1.72E-08	7.83E-09	6.87E-09	2.95E-10	7.13E-09	1.57E-09	2.57E-09	4.08E-09	7.19E-10	3.60E-09	2.00E-08
4608	475363.09	3859877.25	1.69E-05	2.08E-05	1.82E-05	5.87E-09	1.77E-08	1.03E-08	1.26E-08	1.14E-08	5.20E-09	4.56E-09	1.96E-10	4.74E-09	1.05E-09	1.71E-09	2.71E-09	4.77E-10	2.39E-09	1.33E-08
4609	475863.09	3859877.25	8.29E-06	1.01E-05	8.90E-06	2.87E-09	8.67E-09	5.02E-09	6.15E-09	5.57E-09	2.54E-09	2.23E-09	9.59E-11	2.32E-09	5.11E-10	8.35E-10	1.32E-09	2.33E-10	1.17E-09	6.49E-09
4610	476363.09	3859877.25	4.86E-06	5.96E-06	5.22E-06	1.69E-09	5.09E-09	2.95E-09	3.61E-09	3.27E-09	1.49E-09	1.31E-09	5.63E-11	1.36E-09	3.00E-10	4.90E-10	7.77E-10	1.37E-10	6.87E-10	3.81E-09
4611	476863.09	3859877.25	5.75E-06	7.04E-06	6.18E-06	1.99E-09	6.02E-09	3.48E-09	4.27E-09	3.87E-09	1.76E-09	1.55E-09	6.65E-11	1.61E-09	3.55E-10	5.79E-10	9.19E-10	1.62E-10	8.12E-10	4.50E-09
4612	477363.09	3859877.25	6.29E-06	7.70E-06	6.75E-06	2.18E-09	6.58E-09	3.81E-09	4.66E-09	4.23E-09	1.93E-09	1.69E-09	7.27E-11	1.76E-09	3.88E-10	6.33E-10	1.00E-09	1.77E-10	8.88E-10	4.92E-09
4613	477863.09	3859877.25	1.23E-05	1.50E-05	1.32E-05	4.25E-09	1.28E-08	7.43E-09	9.10E-09	8.25E-09	3.77E-09	3.30E-09	1.42E-10	3.43E-09	7.57E-10	1.24E-09	1.96E-09	3.46E-10	1.73E-09	9.60E-09

4614	478363.09	3859877.25	2.32E-05	2.85E-05	2.50E-05	8.05E-09	2.43E-08	1.41E-08	1.72E-08	1.56E-08	7.13E-09	6.25E-09	2.69E-10	6.50E-09	1.43E-09	2.34E-09	3.71E-09	6.54E-10	3.28E-09	1.82E-08
4615	478863.09	3859877.25	3.70E-05	4.54E-05	3.98E-05	1.28E-08	3.88E-08	2.24E-08	2.75E-08	2.49E-08	1.14E-08	9.97E-09	4.29E-10	1.04E-08	2.29E-09	3.73E-09	5.92E-09	1.04E-09	5.23E-09	2.90E-08
4616	479363.09	3859877.25	4.98E-05	6.10E-05	5.35E-05	1.73E-08	5.21E-08	3.02E-08	3.70E-08	3.35E-08	1.53E-08	1.34E-08	5.76E-10	1.39E-08	3.07E-09	5.02E-09	7.96E-09	1.40E-09	7.04E-09	3.90E-08
4617	479863.09	3859877.25	5.80E-05	7.10E-05	6.23E-05	2.01E-08	6.07E-08	3.51E-08	4.30E-08	3.90E-08	1.78E-08	1.56E-08	6.71E-10	1.62E-08	3.58E-09	5.84E-09	9.27E-09	1.63E-09	8.19E-09	4.54E-08
4618	480363.09	3859877.25	6.44E-05	7.89E-05	6.92E-05	2.23E-08	6.74E-08	3.90E-08	4.78E-08	4.33E-08	1.98E-08	1.73E-08	7.46E-10	1.80E-08	3.98E-09	6.49E-09	1.03E-08	1.82E-09	9.10E-09	5.04E-08
4619	480863.09	3859877.25	6.99E-05	8.57E-05	7.51E-05	2.42E-08	7.32E-08	4.24E-08	5.19E-08	4.70E-08	2.15E-08	1.88E-08	8.09E-10	1.95E-08	4.31E-09	7.04E-09	1.12E-08	1.97E-09	9.87E-09	5.47E-08
4620	481363.09	3859877.25	7.60E-05	9.30E-05	8.15E-05	2.63E-08	7.95E-08	4.60E-08	5.64E-08	5.11E-08	2.33E-08	2.04E-08	8.79E-10	2.12E-08	4.68E-09	7.65E-09	1.21E-08	2.14E-09	1.07E-08	5.94E-08
4621	481863.09	3859877.25	8.21E-05	1.01E-04	8.81E-05	2.84E-08	8.59E-08	4.97E-08	6.09E-08	5.52E-08	2.52E-08	2.21E-08	9.50E-10	2.29E-08	5.06E-09	8.27E-09	1.31E-08	2.31E-09	1.16E-08	6.42E-08
4622	482363.09	3859877.25	8.81E-05	1.08E-04	9.46E-05	3.05E-08	9.22E-08	5.34E-08	6.54E-08	5.93E-08	2.71E-08	2.37E-08	1.02E-09	2.46E-08	5.44E-09	8.88E-09	1.41E-08	2.48E-09	1.24E-08	6.90E-08
4623	482863.09	3859877.25	9.49E-05	1.16E-04	1.02E-04	3.29E-08	9.93E-08	5.75E-08	7.04E-08	6.38E-08	2.91E-08	2.55E-08	1.10E-09	2.65E-08	5.85E-09	9.56E-09	1.52E-08	2.67E-09	1.34E-08	7.42E-08
4624	483363.09	3859877.25	1.02E-04	1.24E-04	1.09E-04	3.52E-08	1.06E-07	6.15E-08	7.53E-08	6.83E-08	3.12E-08	2.73E-08	1.17E-09	2.84E-08	6.26E-09	1.02E-08	1.62E-08	2.86E-09	1.43E-08	7.95E-08
4625	483863.09	3859877.25	1.03E-04	1.26E-04	1.11E-04	3.56E-08	1.08E-07	6.23E-08	7.63E-08	6.92E-08	3.16E-08	2.77E-08	1.19E-09	2.88E-08	6.35E-09	1.04E-08	1.64E-08	2.90E-09	1.45E-08	8.05E-08
4626	484363.09	3859877.25	1.08E-04	1.32E-04	1.16E-04	3.74E-08	1.13E-07	6.53E-08	8.00E-08	7.25E-08	3.31E-08	2.90E-08	1.25E-09	3.02E-08	6.65E-09	1.09E-08	1.72E-08	3.04E-09	1.52E-08	8.44E-08
4627	484863.09	3859877.25	1.14E-04	1.40E-04	1.23E-04	3.97E-08	1.20E-07	6.93E-08	8.49E-08	7.69E-08	3.51E-08	3.08E-08	1.32E-09	3.20E-08	7.06E-09	1.15E-08	1.83E-08	3.22E-09	1.62E-08	8.96E-08
4628	485363.09	3859877.25	1.21E-04	1.48E-04	1.30E-04	4.19E-08	1.27E-07	7.32E-08	8.97E-08	8.13E-08	3.71E-08	3.25E-08	1.40E-09	3.38E-08	7.46E-09	1.22E-08	1.93E-08	3.41E-09	1.71E-08	9.46E-08
4629	485863.09	3859877.25	1.27E-04	1.55E-04	1.36E-04	4.39E-08	1.33E-07	7.68E-08	9.40E-08	8.52E-08	3.89E-08	3.41E-08	1.47E-09	3.54E-08	7.82E-09	1.28E-08	2.03E-08	3.57E-09	1.79E-08	9.92E-08
4630	486363.09	3859877.25	1.31E-04	1.61E-04	1.41E-04	4.55E-08	1.37E-07	7.95E-08	9.73E-08	8.82E-08	4.03E-08	3.53E-08	1.52E-09	3.67E-08	8.09E-09	1.32E-08	2.10E-08	3.70E-09	1.85E-08	1.03E-07
4631	486863.09	3859877.25	1.36E-04	1.66E-04	1.46E-04	4.71E-08	1.42E-07	8.23E-08	1.01E-07	9.14E-08	4.17E-08	3.66E-08	1.57E-09	3.80E-08	8.38E-09	1.37E-08	2.17E-08	3.83E-09	1.92E-08	1.06E-07
4632	487363.09	3859877.25	1.38E-04	1.69E-04	1.48E-04	4.78E-08	1.44E-07	8.36E-08	1.02E-07	9.28E-08	4.23E-08	3.72E-08	1.60E-09	3.86E-08	8.51E-09	1.39E-08	2.20E-08	3.89E-09	1.95E-08	1.08E-07
4633	487863.09	3859877.25	1.47E-04	1.80E-04	1.58E-04	5.08E-08	1.53E-07	8.88E-08	1.09E-07	9.86E-08	4.50E-08	3.95E-08	1.70E-09	4.10E-08	9.05E-09	1.48E-08	2.34E-08	4.13E-09	2.07E-08	1.15E-07
4634	488363.09	3859877.25	1.48E-04	1.81E-04	1.59E-04	5.13E-08	1.55E-07	8.96E-08	1.10E-07	9.95E-08	4.54E-08	3.98E-08	1.71E-09	4.13E-08	9.12E-09	1.49E-08	2.36E-08	4.17E-09	2.09E-08	1.16E-07
4635	488863.09	3859877.25	1.52E-04	1.86E-04	1.63E-04	5.27E-08	1.59E-07	9.21E-08	1.13E-07	1.02E-07	4.67E-08	4.09E-08	1.76E-09	4.25E-08	9.38E-09	1.53E-08	2.43E-08	4.28E-09	2.15E-08	1.19E-07
4636	489363.09	3859877.25	1.57E-04	1.92E-04	1.68E-04	5.43E-08	1.64E-07	9.49E-08	1.16E-07	1.05E-07	4.81E-08	4.22E-08	1.81E-09	4.38E-08	9.66E-09	1.58E-08	2.50E-08	4.41E-09	2.21E-08	1.23E-07
4637	489863.09	3859877.25	1.57E-04	1.93E-04	1.69E-04	5.45E-08	1.65E-07	9.53E-08	1.17E-07	1.06E-07	4.83E-08	4.23E-08	1.82E-09	4.40E-08	9.70E-09	1.58E-08	2.51E-08	4.43E-09	2.22E-08	1.23E-07
4638	490363.09	3859877.25	1.48E-04	1.81E-04	1.59E-04	5.13E-08	1.55E-07	8.96E-08	1.10E-07	9.95E-08	4.54E-08	3.98E-08	1.71E-09	4.13E-08	9.12E-09	1.49E-08	2.36E-08	4.17E-09	2.09E-08	1.16E-07
4639	490863.09	3859877.25	1.49E-04	1.82E-04	1.60E-04	5.16E-08	1.56E-07	9.02E-08	1.10E-07	1.00E-07	4.57E-08	4.01E-08	1.72E-09	4.16E-08	9.19E-09	1.50E-08	2.38E-08	4.19E-09	2.10E-08	1.17E-07
4640	491363.09	3859877.25	1.48E-04	1.82E-04	1.59E-04	5.15E-08	1.55E-07	8.99E-08	1.10E-07	9.99E-08	4.56E-08	4.00E-08	1.72E-09	4.15E-08	9.16E-09	1.50E-08	2.37E-08	4.18E-09	2.10E-08	1.16E-07
4641	491863.09	3859877.25	1.48E-04	1.82E-04	1.59E-04	5.14E-08	1.55E-07	8.99E-08	1.10E-07	9.98E-08	4.56E-08	3.99E-08	1.72E-09	4.15E-08	9.16E-09	1.50E-08	2.37E-08	4.18E-09	2.10E-08	1.16E-07
4642	492363.09	3859877.25	1.47E-04	1.80E-04	1.58E-04	5.09E-08	1.54E-07	8.90E-08	1.09E-07	9.89E-08	4.51E-08	3.95E-08	1.70E-09	4.11E-08	9.07E-09	1.48E-08	2.35E-08	4.14E-09	2.08E-08	1.15E-07
4643	492863.09	3859877.25	1.44E-04	1.76E-04	1.54E-04	4.98E-08	1.50E-07	8.71E-08	1.07E-07	9.67E-08	4.41E-08	3.87E-08	1.66E-09	4.02E-08	8.87E-09	1.45E-08	2.30E-08	4.05E-09	2.03E-08	1.13E-07
4644	493363.09	3859877.25	1.39E-04	1.70E-04	1.49E-04	4.82E-08	1.45E-07	8.42E-08	1.03E-07	9.35E-08	4.27E-08	3.74E-08	1.61E-09	3.89E-08	8.58E-09	1.40E-08	2.22E-08	3.92E-09	1.96E-08	1.09E-07
4645	493863.09	3859877.25	1.33E-04	1.63E-04	1.43E-04	4.62E-08	1.40E-07	8.08E-08	9.90E-08	8.97E-08	4.09E-08	3.59E-08	1.54E-09	3.73E-08	8.23E-09	1.34E-08	2.13E-08	3.76E-09	1.88E-08	1.04E-07
4646	494363.09	3859877.25	1.27E-04	1.56E-04	1.36E-04	4.40E-08	1.33E-07	7.70E-08	9.43E-08	8.54E-08	3.90E-08	3.42E-08	1.47E-09	3.55E-08	7.84E-09	1.28E-08	2.03E-08	3.58E-09	1.79E-08	9.94E-08
4647	494863.09	3859877.25	1.22E-04	1.49E-04	1.31E-04	4.22E-08	1.27E-07	7.37E-08	9.02E-08	8.18E-08	3.73E-08	3.27E-08	1.41E-09	3.40E-08	7.50E-09	1.23E-08	1.94E-08	3.43E-09	1.72E-08	9.52E-08
4648	495363.09	3859877.25	1.16E-04	1.42E-04	1.24E-04	4.02E-08	1.21E-07	7.02E-08	8.60E-08	7.80E-08	3.56E-08	3.12E-08	1.34E-09	3.24E-08	7.15E-09	1.17E-08	1.85E-08	3.27E-09	1.64E-08	9.08E-08
4649	495863.09	3859877.25	1.10E-04	1.35E-04	1.18E-04	3.82E-08	1.15E-07	6.68E-08	8.18E-08	7.41E-08	3.38E-08	2.96E-08	1.28E-09	3.08E-08	6.80E-09	1.11E-08	1.76E-08	3.10E-09	1.56E-08	8.62E-08
4650	496363.09	3859877.25	1.02E-04	1.25E-04	1.10E-04	3.54E-08	1.07E-07	6.19E-08	7.58E-08	6.87E-08	3.14E-08	2.75E-08	1.18E-09	2.86E-08	6.30E-09	1.03E-08	1.63E-08	2.88E-09	1.44E-08	8.00E-08
4651	496863.09	3859877.25	8.24E-05	1.01E-04	8.85E-05	2.86E-08	8.62E-08	4.99E-08	6.11E-08	5.54E-08	2.53E-08	2.22E-08	9.54E-10	2.30E-08	5.08E-09	8.30E-09	1.32E-08	2.32E-09	1.16E-08	6.45E-08
4652	497363.09	3859877.25	9.27E-05	1.14E-04	9.95E-05	3.21E-08	9.70E-08	5.62E-08	6.88E-08	6.24E-08	2.85E-08	2.49E-08	1.07E-09	2.59E-08	5.72E-09	9.34E-09	1.48E-08	2.61E-09	1.31E-08	7.26E-08
4653	497863.09	3859877.25	9.58E-05	1.17E-04	1.03E-04	3.32E-08	1.00E-07	5.80E-08	7.11E-08	6.44E-08	2.94E-08	2.58E-08	1.11E-09	2.68E-08	5.91E-09	9.65E-09	1.53E-08	2.70E-09	1.35E-08	7.50E-08
4654	498363.09	3859877.25	9.25E-05	1.13E-04	9.92E-05	3.20E-08	9.67E-08	5.60E-08	6.86E-08	6.22E-08	2.84E-08	2.49E-08	1.07E-09	2.58E-08	5.70E-09	9.31E-09	1.48E-08	2.60E-09	1.30E-08	7.24E-08
4655	471363.09	3860377.25	1.99E-05	2.43E-05	2.13E-05	6.89E-09	2.08E-08	1.20E-08	1.47E-08	1.34E-08	6.10E-09	5.35E-09	2.30E-10	5.55E-09	1.23E-09	2.00E-09	3.18E-09	5.60E-10	2.81E-09	1.56E-08
4656	471863.09	3860377.25	2.10E-05	2.57E-05	2.25E-05	7.27E-09	2.19E-08	1.27E-08	1.56E-08	1.41E-08	6.43E-09	5.64E-09	2.43E-10	5.86E-09	1.29E-09	2.11E-09	3.35E-09	5.91E-10	2.96E-09	1.64E-08
4657	472363.09	3860377.25	2.23E-05	2.73E-05	2.39E-05	7.71E-09	2.33E-08	1.35E-08	1.65E-08	1.50E-08	6.83E-09	5.99E-09	2.58E-10	6.22E-09	1.37E-09	2.24E-09	3.56E-09	6.27E-10	3.14E-09	1.74E-08
4658	472863.09	3860377.25	2.37E-05	2.91E-05	2.55E-05	8.23E-09	2.48E-08	1.44E-08	1.76E-08	1.60E-08	7.29E-09	6.39E-09	2.75E-10	6.64E-09	1.46E-09	2.39E-09	3.79E-09	6.69E-10	3.35E-09	1.86E-08
4659	473363.09	3860377.25	2.52E-05	3.09E-05	2.71E-05	8.75E-09	2.64E-08	1.53E-08	1.87E-08	1.70E-08	7.75E-09	6.79E-09	2.92E-10	7.06E-09	1.56E-09	2.54E-09	4.03E-09	7.11E-10	3.57E-09	1.98E-08
4660	473863.09	3860377.25	2.67E-05	3.27E-05	2.87E-05	9.25E-09	2.79E-08	1.62E-08	1.98E-08	1.80E-08	8.19E-09	7.18E-09	3.09E-10	7.46E-09	1.65E-09	2.69E-09	4.27E-09	7.52E-10	3.77E-09	2.09E-08
4661	474363.09	3860377.25	2.78E-05	3.40E-05	2.98E-05	9.63E-09	2.91E-08	1.68E-08	2.06E-08	1.87E-08	8.53E-09	7.48E-09	3.21E-10	7.77E-09	1.71E-09	2.80E-09	4.44E-09	7.82E-10	3.92E-09	2.17E-08
4662	474863.09	3860377.25	2.82E-05	3.45E-05	3.03E-05	9.76E-09	2.95E-08	1.71E-08	2.09E-08	1.90E-08	8.65E-09	7.58E-09	3.26E-10	7.88E-09	1.74E-09	2.84E-09	4.50E-09	7.94E-10	3.98E-09	2.21E-08
4663	475363.09	3860377.25	2.65E-05	3.25E-05	2.85E-05	9.20E-09	2.78E-08	1.61E-08	1.97E-08	1.79E-08	8.15E-09	7.15E-09	3.07E-10	7.42E-09	1.64E-09	2.67E-09	4.24E-09	7.48E-10	3.75E-09	2.08E-08
4664	475863.09	3860377.25	2.33E-05	2.85E-05	2.50E-05	8.08E-09	2.44E-08	1.41E-08	1.73E-08	1.57E-08	7.15E-09	6.27E-09	2.70E-10	6.51E-09	1.44E-09	2.35E-09	3.72E-09	6.56E-10	3.29E-09	1.82E-08
4665	476363.09	3860377.25	1.87E-05	2.30E-05	2.01E-05	6.50E-09	1.96E-08	1.14E-08	1.39E-08	1.26E-08	5.75E-09	5.05E-09	2.17E-10	5.24E-09	1.16E-09	1.89E-09	3.00E-09	5.28E-10	2.65E-09	1.47E-08
4666	476863.09	3860377.25	1.71E-05	2.09E-05	1.83E-05	5.91E-09	1.78E-08	1.03E-08	1.27E-08	1.15E-08	5.24E-09	4.59E-09	1.97E-10	4.77E-09	1.05E-09	1.72E-09	2.73E-09	4.80E-10	2.41E-09	1.34E-08
4667	477363.09	3860377.25	9.92E-06	1.22E-05	1.07E-05	3.44E-09	1.04E-08	6.01E-09	7.36E-09	6.67E-09	3.04E-09	2.67E-09	1.15E-10	2.77E-09	6.12E-10	9.99E-10	1.59E-09	2.79E-10	1.40E-09	7.77E-09
4668	477863.09	3860377.25	1.30E-05	1.59E-05	1.40E-05	4.50E-09	1.36E-08	7.87E-09	9.65E-09	8.74E-09	3.99E-09	3.50E-09	1.50E-10	3.63E-09	8.02E-10	1.31E-09	2.08E-09	3.66E-10	1.84E-09	1.02E-08

4669	478363.09	3860377.25	2.54E-05	3.11E-05	2.73E-05	8.80E-09	2.66E-08	1.54E-08	1.88E-08	1.71E-08	7.79E-09	6.83E-09	2.94E-10	7.10E-09	1.57E-09	2.56E-09	4.06E-09	7.15E-10	3.59E-09	1.99E-08
4670	478863.09	3860377.25	3.64E-05	4.46E-05	3.91E-05	1.26E-08	3.81E-08	2.21E-08	2.70E-08	2.45E-08	1.12E-08	9.80E-09	4.22E-10	1.02E-08	2.25E-09	3.67E-09	5.82E-09	1.03E-09	5.14E-09	2.85E-08
4671	479363.09	3860377.25	4.67E-05	5.72E-05	5.02E-05	1.62E-08	4.89E-08	2.83E-08	3.47E-08	3.14E-08	1.43E-08	1.26E-08	5.41E-10	1.31E-08	2.88E-09	4.71E-09	7.47E-09	1.32E-09	6.60E-09	3.66E-08
4672	479863.09	3860377.25	5.39E-05	6.60E-05	5.79E-05	1.87E-08	5.64E-08	3.26E-08	4.00E-08	3.62E-08	1.65E-08	1.45E-08	6.24E-10	1.51E-08	3.32E-09	5.43E-09	8.61E-09	1.52E-09	7.61E-09	4.22E-08
4673	480363.09	3860377.25	5.87E-05	7.18E-05	6.30E-05	2.03E-08	6.14E-08	3.55E-08	4.35E-08	3.94E-08	1.80E-08	1.58E-08	6.79E-10	1.64E-08	3.62E-09	5.91E-09	9.37E-09	1.65E-09	8.28E-09	4.59E-08
4674	480863.09	3860377.25	6.31E-05	7.72E-05	6.77E-05	2.19E-08	6.60E-08	3.82E-08	4.68E-08	4.24E-08	1.94E-08	1.70E-08	7.30E-10	1.76E-08	3.89E-09	6.35E-09	1.01E-08	1.78E-09	8.90E-09	4.93E-08
4675	481363.09	3860377.25	6.78E-05	8.30E-05	7.27E-05	2.35E-08	7.09E-08	4.10E-08	5.03E-08	4.56E-08	2.08E-08	1.82E-08	7.84E-10	1.89E-08	4.18E-09	6.83E-09	1.08E-08	1.91E-09	9.56E-09	5.30E-08
4676	481863.09	3860377.25	7.23E-05	8.85E-05	7.76E-05	2.50E-08	7.56E-08	4.38E-08	5.36E-08	4.86E-08	2.22E-08	1.94E-08	8.36E-10	2.02E-08	4.46E-09	7.28E-09	1.15E-08	2.04E-09	1.02E-08	5.66E-08
4677	482363.09	3860377.25	7.69E-05	9.42E-05	8.26E-05	2.67E-08	8.05E-08	4.66E-08	5.71E-08	5.17E-08	2.36E-08	2.07E-08	8.90E-10	2.15E-08	4.74E-09	7.75E-09	1.23E-08	2.17E-09	1.09E-08	6.02E-08
4678	482863.09	3860377.25	8.22E-05	1.01E-04	8.83E-05	2.85E-08	8.60E-08	4.98E-08	6.10E-08	5.53E-08	2.52E-08	2.21E-08	9.51E-10	2.30E-08	5.07E-09	8.28E-09	1.31E-08	2.31E-09	1.16E-08	6.43E-08
4679	483363.09	3860377.25	8.66E-05	1.06E-04	9.30E-05	3.00E-08	9.06E-08	5.24E-08	6.42E-08	5.82E-08	2.66E-08	2.33E-08	1.00E-09	2.42E-08	5.34E-09	8.72E-09	1.38E-08	2.44E-09	1.22E-08	6.78E-08
4680	483863.09	3860377.25	9.16E-05	1.12E-04	9.84E-05	3.17E-08	9.59E-08	5.55E-08	6.80E-08	6.16E-08	2.81E-08	2.47E-08	1.06E-09	2.56E-08	5.65E-09	9.23E-09	1.46E-08	2.58E-09	1.29E-08	7.17E-08
4681	484363.09	3860377.25	9.20E-05	1.13E-04	9.89E-05	3.19E-08	9.63E-08	5.57E-08	6.83E-08	6.19E-08	2.82E-08	2.48E-08	1.06E-09	2.57E-08	5.68E-09	9.27E-09	1.47E-08	2.59E-09	1.30E-08	7.20E-08
4682	484863.09	3860377.25	9.57E-05	1.17E-04	1.03E-04	3.32E-08	1.00E-07	5.80E-08	7.10E-08	6.44E-08	2.94E-08	2.58E-08	1.11E-09	2.67E-08	5.90E-09	9.64E-09	1.53E-08	2.69E-09	1.35E-08	7.49E-08
4683	485363.09	3860377.25	9.89E-05	1.21E-04	1.06E-04	3.43E-08	1.04E-07	5.99E-08	7.34E-08	6.65E-08	3.04E-08	2.66E-08	1.14E-09	2.77E-08	6.10E-09	9.96E-09	1.58E-08	2.79E-09	1.40E-08	7.74E-08
4684	485863.09	3860377.25	1.02E-04	1.25E-04	1.10E-04	3.54E-08	1.07E-07	6.18E-08	7.57E-08	6.86E-08	3.13E-08	2.75E-08	1.18E-09	2.85E-08	6.29E-09	1.03E-08	1.63E-08	2.87E-09	1.44E-08	7.99E-08
4685	486363.09	3860377.25	1.03E-04	1.27E-04	1.11E-04	3.58E-08	1.08E-07	6.26E-08	7.67E-08	6.95E-08	3.17E-08	2.78E-08	1.20E-09	2.89E-08	6.38E-09	1.04E-08	1.65E-08	2.91E-09	1.46E-08	8.09E-08
4686	486863.09	3860377.25	1.05E-04	1.28E-04	1.12E-04	3.63E-08	1.10E-07	6.34E-08	7.76E-08	7.04E-08	3.21E-08	2.82E-08	1.21E-09	2.93E-08	6.45E-09	1.05E-08	1.67E-08	2.95E-09	1.48E-08	8.19E-08
4687	487363.09	3860377.25	1.05E-04	1.29E-04	1.13E-04	3.65E-08	1.10E-07	6.39E-08	7.82E-08	7.09E-08	3.24E-08	2.84E-08	1.22E-09	2.95E-08	6.50E-09	1.06E-08	1.69E-08	2.97E-09	1.49E-08	8.25E-08
4688	487863.09	3860377.25	1.08E-04	1.33E-04	1.17E-04	3.76E-08	1.13E-07	6.57E-08	8.05E-08	7.29E-08	3.33E-08	2.92E-08	1.26E-09	3.03E-08	6.69E-09	1.09E-08	1.73E-08	3.05E-09	1.53E-08	8.49E-08
4689	488363.09	3860377.25	1.09E-04	1.34E-04	1.17E-04	3.78E-08	1.14E-07	6.61E-08	8.10E-08	7.34E-08	3.35E-08	2.94E-08	1.26E-09	3.05E-08	6.74E-09	1.10E-08	1.75E-08	3.08E-09	1.54E-08	8.55E-08
4690	488863.09	3860377.25	1.10E-04	1.35E-04	1.19E-04	3.82E-08	1.15E-07	6.68E-08	8.19E-08	7.42E-08	3.39E-08	2.97E-08	1.28E-09	3.08E-08	6.81E-09	1.11E-08	1.76E-08	3.11E-09	1.56E-08	8.64E-08
4691	489363.09	3860377.25	1.13E-04	1.38E-04	1.21E-04	3.90E-08	1.18E-07	6.82E-08	8.36E-08	7.58E-08	3.46E-08	3.03E-08	1.30E-09	3.15E-08	6.95E-09	1.13E-08	1.80E-08	3.17E-09	1.59E-08	8.82E-08
4692	489863.09	3860377.25	1.16E-04	1.42E-04	1.24E-04	4.01E-08	1.21E-07	7.01E-08	8.59E-08	7.78E-08	3.55E-08	3.11E-08	1.34E-09	3.23E-08	7.14E-09	1.17E-08	1.85E-08	3.26E-09	1.63E-08	9.06E-08
4693	490363.09	3860377.25	1.15E-04	1.41E-04	1.24E-04	4.00E-08	1.21E-07	6.99E-08	8.56E-08	7.76E-08	3.54E-08	3.10E-08	1.34E-09	3.22E-08	7.12E-09	1.16E-08	1.84E-08	3.25E-09	1.63E-08	9.03E-08
4694	490863.09	3860377.25	1.09E-04	1.34E-04	1.17E-04	3.78E-08	1.14E-07	6.62E-08	8.10E-08	7.34E-08	3.35E-08	2.94E-08	1.26E-09	3.05E-08	6.74E-09	1.10E-08	1.75E-08	3.08E-09	1.54E-08	8.55E-08
4695	491363.09	3860377.25	1.05E-04	1.28E-04	1.12E-04	3.63E-08	1.10E-07	6.34E-08	7.77E-08	7.04E-08	3.21E-08	2.82E-08	1.21E-09	2.93E-08	6.46E-09	1.05E-08	1.67E-08	2.95E-09	1.48E-08	8.19E-08
4696	491863.09	3860377.25	1.06E-04	1.29E-04	1.13E-04	3.66E-08	1.10E-07	6.39E-08	7.83E-08	7.10E-08	3.24E-08	2.84E-08	1.22E-09	2.95E-08	6.51E-09	1.06E-08	1.69E-08	2.97E-09	1.49E-08	8.26E-08
4697	492363.09	3860377.25	1.09E-04	1.33E-04	1.17E-04	3.78E-08	1.14E-07	6.60E-08	8.08E-08	7.33E-08	3.34E-08	2.93E-08	1.26E-09	3.05E-08	6.72E-09	1.10E-08	1.74E-08	3.07E-09	1.54E-08	8.53E-08
4698	492863.09	3860377.25	1.10E-04	1.34E-04	1.18E-04	3.80E-08	1.15E-07	6.64E-08	8.13E-08	7.37E-08	3.36E-08	2.95E-08	1.27E-09	3.06E-08	6.76E-09	1.10E-08	1.75E-08	3.08E-09	1.55E-08	8.57E-08
4699	493363.09	3860377.25	1.11E-04	1.36E-04	1.19E-04	3.84E-08	1.16E-07	6.72E-08	8.23E-08	7.46E-08	3.40E-08	2.98E-08	1.28E-09	3.10E-08	6.84E-09	1.12E-08	1.77E-08	3.12E-09	1.57E-08	8.68E-08
4700	493863.09	3860377.25	1.09E-04	1.33E-04	1.17E-04	3.77E-08	1.14E-07	6.58E-08	8.06E-08	7.31E-08	3.33E-08	2.92E-08	1.26E-09	3.04E-08	6.70E-09	1.09E-08	1.74E-08	3.06E-09	1.53E-08	8.50E-08
4701	494363.09	3860377.25	1.07E-04	1.31E-04	1.15E-04	3.70E-08	1.12E-07	6.47E-08	7.92E-08	7.18E-08	3.28E-08	2.87E-08	1.24E-09	2.98E-08	6.58E-09	1.08E-08	1.71E-08	3.01E-09	1.51E-08	8.35E-08
4702	494863.09	3860377.25	1.03E-04	1.26E-04	1.11E-04	3.57E-08	1.08E-07	6.24E-08	7.64E-08	6.93E-08	3.16E-08	2.77E-08	1.19E-09	2.88E-08	6.35E-09	1.04E-08	1.65E-08	2.90E-09	1.45E-08	8.06E-08
4703	495363.09	3860377.25	9.99E-05	1.22E-04	1.07E-04	3.46E-08	1.05E-07	6.05E-08	7.41E-08	6.72E-08	3.06E-08	2.69E-08	1.16E-09	2.79E-08	6.16E-09	1.01E-08	1.60E-08	2.81E-09	1.41E-08	7.82E-08
4704	495863.09	3860377.25	9.64E-05	1.18E-04	1.03E-04	3.34E-08	1.01E-07	5.84E-08	7.15E-08	6.48E-08	2.96E-08	2.59E-08	1.12E-09	2.70E-08	5.95E-09	9.71E-09	1.54E-08	2.72E-09	1.36E-08	7.55E-08
4705	496363.09	3860377.25	9.18E-05	1.12E-04	9.85E-05	3.18E-08	9.60E-08	5.56E-08	6.81E-08	6.17E-08	2.82E-08	2.47E-08	1.06E-09	2.57E-08	5.66E-09	9.25E-09	1.47E-08	2.59E-09	1.30E-08	7.18E-08
4706	496863.09	3860377.25	8.65E-05	1.06E-04	9.29E-05	3.00E-08	9.05E-08	5.24E-08	6.42E-08	5.82E-08	2.65E-08	2.33E-08	1.00E-09	2.42E-08	5.34E-09	8.71E-09	1.38E-08	2.44E-09	1.22E-08	6.77E-08
4707	497363.09	3860377.25	7.95E-05	9.74E-05	8.53E-05	2.76E-08	8.32E-08	4.82E-08	5.90E-08	5.35E-08	2.44E-08	2.14E-08	9.20E-10	2.22E-08	4.90E-09	8.01E-09	1.27E-08	2.24E-09	1.12E-08	6.22E-08
4708	497863.09	3860377.25	8.33E-05	1.02E-04	8.94E-05	2.89E-08	8.72E-08	5.05E-08	6.18E-08	5.60E-08	2.56E-08	2.24E-08	9.64E-10	2.33E-08	5.14E-09	8.39E-09	1.33E-08	2.35E-09	1.18E-08	6.52E-08
4709	498363.09	3860377.25	8.17E-05	1.00E-04	8.77E-05	2.83E-08	8.55E-08	4.95E-08	6.06E-08	5.50E-08	2.51E-08	2.20E-08	9.46E-10	2.28E-08	5.04E-09	8.23E-09	1.31E-08	2.30E-09	1.15E-08	6.40E-08
4710	471363.09	3860877.25	1.99E-05	2.44E-05	2.14E-05	6.91E-09	2.09E-08	1.21E-08	1.48E-08	1.34E-08	6.12E-09	5.37E-09	2.31E-10	5.57E-09	1.23E-09	2.01E-09	3.19E-09	5.61E-10	2.82E-09	1.56E-08
4711	471863.09	3860877.25	2.11E-05	2.58E-05	2.26E-05	7.31E-09	2.21E-08	1.28E-08	1.56E-08	1.42E-08	6.47E-09	5.67E-09	2.44E-10	5.89E-09	1.30E-09	2.12E-09	3.37E-09	5.94E-10	2.98E-09	1.65E-08
4712	472363.09	3860877.25	2.23E-05	2.73E-05	2.39E-05	7.72E-09	2.33E-08	1.35E-08	1.65E-08	1.50E-08	6.83E-09	5.99E-09	2.58E-10	6.23E-09	1.37E-09	2.24E-09	3.56E-09	6.27E-10	3.14E-09	1.74E-08
4713	472863.09	3860877.25	2.35E-05	2.88E-05	2.53E-05	8.16E-09	2.46E-08	1.43E-08	1.75E-08	1.58E-08	7.23E-09	6.34E-09	2.73E-10	6.58E-09	1.45E-09	2.37E-09	3.76E-09	6.63E-10	3.33E-09	1.84E-08
4714	473363.09	3860877.25	2.48E-05	3.03E-05	2.66E-05	8.58E-09	2.59E-08	1.50E-08	1.84E-08	1.67E-08	7.60E-09	6.67E-09	2.87E-10	6.92E-09	1.53E-09	2.50E-09	3.96E-09	6.98E-10	3.50E-09	1.94E-08
4715	473863.09	3860877.25	2.59E-05	3.17E-05	2.78E-05	8.98E-09	2.71E-08	1.57E-08	1.92E-08	1.74E-08	7.95E-09	6.97E-09	3.00E-10	7.24E-09	1.60E-09	2.61E-09	4.14E-09	7.30E-10	3.66E-09	2.03E-08
4716	474363.09	3860877.25	2.71E-05	3.31E-05	2.91E-05	9.38E-09	2.83E-08	1.64E-08	2.01E-08	1.82E-08	8.30E-09	7.28E-09	3.13E-10	7.56E-09	1.67E-09	2.73E-09	4.32E-09	7.62E-10	3.82E-09	2.12E-08
4717	474863.09	3860877.25	2.83E-05	3.47E-05	3.04E-05	9.82E-09	2.96E-08	1.72E-08	2.10E-08	1.90E-08	8.69E-09	7.63E-09	3.28E-10	7.92E-09	1.75E-09	2.85E-09	4.53E-09	7.98E-10	4.00E-09	2.22E-08
4718	475363.09	3860877.25	2.91E-05	3.57E-05	3.13E-05	1.01E-08	3.05E-08	1.77E-08	2.16E-08	1.96E-08	8.95E-09	7.85E-09	3.37E-10	8.15E-09	1.80E-09	2.94E-09	4.66E-09	8.21E-10	4.12E-09	2.28E-08
4719	475863.09	3860877.25	2.93E-05	3.58E-05	3.14E-05	1.01E-08	3.06E-08	1.77E-08	2.17E-08	1.97E-08	8.98E-09	7.88E-09	3.39E-10	8.18E-09	1.80E-09	2.95E-09	4.68E-09	8.24E-10	4.13E-09	2.29E-08
4720	476363.09	3860877.25	2.81E-05	3.44E-05	3.01E-05	9.72E-09	2.94E-08	1.70E-08	2.08E-08	1.89E-08	8.61E-09	7.55E-09	3.25E-10	7.84E-09	1.73E-09	2.83E-09	4.48E-09	7.90E-10	3.96E-09	2.20E-08
4721	476863.09	3860877.25	2.78E-05	3.41E-05	2.99E-05	9.64E-09	2.91E-08	1.68E-08	2.06E-08	1.87E-08	8.54E-09	7.48E-09	3.22E-10	7.77E-09	1.72E-09	2.80E-09	4.44E-09	7.83E-10	3.93E-09	2.18E-08
4722	477363.09	3860877.25	2.90E-05	3.55E-05	3.11E-05	1.00E-08	3.03E-08	1.76E-08	2.15E-08	1.95E-08	8.90E-09	7.80E-09	3.36E-10	8.11E-09	1.79E-09	2.92E-09	4.63E-09	8.17E-10	4.10E-09	2.27E-08
4723	477863.09	3860877.25	2.61E-05	3.19E-05	2.80E-05	9.03E-09	2.73E-08	1.58E-08	1.93E-08	1.75E-08	8.00E-09	7.01E-09	3.02E-10	7.28E-09	1.61E-09	2.63E-09	4.16E-09	7.34E-10	3.68E-09	2.04E-08

4724	478363.09	3860877.25	1.58E-05	1.93E-05	1.70E-05	5.47E-09	1.65E-08	9.56E-09	1.17E-08	1.06E-08	4.84E-09	4.25E-09	1.83E-10	4.41E-09	9.73E-10	1.59E-09	2.52E-09	4.44E-10	2.23E-09	1.23E-08
4725	478863.09	3860877.25	3.36E-05	4.12E-05	3.61E-05	1.17E-08	3.52E-08	2.04E-08	2.49E-08	2.26E-08	1.03E-08	9.05E-09	3.89E-10	9.40E-09	2.07E-09	3.39E-09	5.37E-09	9.47E-10	4.75E-09	2.63E-08
4726	479363.09	3860877.25	4.37E-05	5.35E-05	4.69E-05	1.51E-08	4.57E-08	2.65E-08	3.24E-08	2.94E-08	1.34E-08	1.18E-08	5.06E-10	1.22E-08	2.70E-09	4.40E-09	6.99E-09	1.23E-09	6.17E-09	3.42E-08
4727	479863.09	3860877.25	4.95E-05	6.06E-05	5.31E-05	1.71E-08	5.18E-08	3.00E-08	3.67E-08	3.33E-08	1.52E-08	1.33E-08	5.73E-10	1.38E-08	3.05E-09	4.98E-09	7.91E-09	1.39E-09	6.98E-09	3.87E-08
4728	480363.09	3860877.25	5.33E-05	6.53E-05	5.72E-05	1.85E-08	5.58E-08	3.23E-08	3.96E-08	3.59E-08	1.64E-08	1.43E-08	6.17E-10	1.49E-08	3.29E-09	5.37E-09	8.52E-09	1.50E-09	7.53E-09	4.17E-08
4729	480863.09	3860877.25	5.70E-05	6.98E-05	6.12E-05	1.98E-08	5.96E-08	3.45E-08	4.23E-08	3.83E-08	1.75E-08	1.53E-08	6.60E-10	1.59E-08	3.52E-09	5.74E-09	9.11E-09	1.61E-09	8.05E-09	4.46E-08
4730	481363.09	3860877.25	6.05E-05	7.42E-05	6.50E-05	2.10E-08	6.34E-08	3.67E-08	4.49E-08	4.07E-08	1.86E-08	1.63E-08	7.01E-10	1.69E-08	3.73E-09	6.10E-09	9.67E-09	1.71E-09	8.55E-09	4.74E-08
4731	481863.09	3860877.25	6.40E-05	7.84E-05	6.87E-05	2.22E-08	6.69E-08	3.88E-08	4.75E-08	4.30E-08	1.96E-08	1.72E-08	7.40E-10	1.79E-08	3.95E-09	6.44E-09	1.02E-08	1.80E-09	9.04E-09	5.01E-08
4732	482363.09	3860877.25	6.75E-05	8.26E-05	7.25E-05	2.34E-08	7.06E-08	4.09E-08	5.01E-08	4.54E-08	2.07E-08	1.82E-08	7.81E-10	1.89E-08	4.16E-09	6.80E-09	1.08E-08	1.90E-09	9.53E-09	5.28E-08
4733	482863.09	3860877.25	7.16E-05	8.77E-05	7.70E-05	2.48E-08	7.50E-08	4.34E-08	5.31E-08	4.82E-08	2.20E-08	1.93E-08	8.29E-10	2.00E-08	4.42E-09	7.22E-09	1.14E-08	2.02E-09	1.01E-08	5.61E-08
4734	483363.09	3860877.25	7.54E-05	9.24E-05	8.11E-05	2.61E-08	7.89E-08	4.57E-08	5.60E-08	5.07E-08	2.32E-08	2.03E-08	8.73E-10	2.11E-08	4.65E-09	7.60E-09	1.21E-08	2.12E-09	1.07E-08	5.91E-08
4735	483863.09	3860877.25	7.89E-05	9.66E-05	8.48E-05	2.73E-08	8.26E-08	4.78E-08	5.85E-08	5.31E-08	2.42E-08	2.12E-08	9.13E-10	2.21E-08	4.87E-09	7.95E-09	1.26E-08	2.22E-09	1.11E-08	6.18E-08
4736	484363.09	3860877.25	8.06E-05	9.87E-05	8.66E-05	2.79E-08	8.43E-08	4.88E-08	5.98E-08	5.42E-08	2.47E-08	2.17E-08	9.33E-10	2.25E-08	4.97E-09	8.12E-09	1.29E-08	2.27E-09	1.14E-08	6.31E-08
4737	484863.09	3860877.25	8.04E-05	9.85E-05	8.64E-05	2.79E-08	8.41E-08	4.87E-08	5.96E-08	5.41E-08	2.47E-08	2.16E-08	9.30E-10	2.25E-08	4.96E-09	8.10E-09	1.28E-08	2.26E-09	1.14E-08	6.29E-08
4738	485363.09	3860877.25	8.25E-05	1.01E-04	8.86E-05	2.86E-08	8.63E-08	5.00E-08	6.12E-08	5.55E-08	2.53E-08	2.22E-08	9.54E-10	2.31E-08	5.09E-09	8.31E-09	1.32E-08	2.32E-09	1.16E-08	6.45E-08
4739	485863.09	3860877.25	8.52E-05	1.04E-04	9.15E-05	2.95E-08	8.92E-08	5.16E-08	6.32E-08	5.73E-08	2.61E-08	2.29E-08	9.86E-10	2.38E-08	5.26E-09	8.58E-09	1.36E-08	2.40E-09	1.20E-08	6.67E-08
4740	486363.09	3860877.25	8.49E-05	1.04E-04	9.12E-05	2.94E-08	8.89E-08	5.15E-08	6.30E-08	5.71E-08	2.61E-08	2.29E-08	9.83E-10	2.37E-08	5.24E-09	8.56E-09	1.36E-08	2.39E-09	1.20E-08	6.65E-08
4741	486863.09	3860877.25	8.51E-05	1.04E-04	9.14E-05	2.95E-08	8.90E-08	5.15E-08	6.31E-08	5.72E-08	2.61E-08	2.29E-08	9.85E-10	2.38E-08	5.25E-09	8.57E-09	1.36E-08	2.40E-09	1.20E-08	6.66E-08
4742	487363.09	3860877.25	8.47E-05	1.04E-04	9.10E-05	2.93E-08	8.86E-08	5.13E-08	6.28E-08	5.69E-08	2.60E-08	2.28E-08	9.80E-10	2.37E-08	5.22E-09	8.53E-09	1.35E-08	2.38E-09	1.20E-08	6.63E-08
4743	487863.09	3860877.25	8.44E-05	1.03E-04	9.06E-05	2.92E-08	8.83E-08	5.11E-08	6.26E-08	5.67E-08	2.59E-08	2.27E-08	9.76E-10	2.36E-08	5.20E-09	8.50E-09	1.35E-08	2.38E-09	1.19E-08	6.60E-08
4744	488363.09	3860877.25	8.72E-05	1.07E-04	9.37E-05	3.02E-08	9.12E-08	5.28E-08	6.47E-08	5.86E-08	2.68E-08	2.35E-08	1.01E-09	2.44E-08	5.38E-09	8.78E-09	1.39E-08	2.46E-09	1.23E-08	6.83E-08
4745	488863.09	3860877.25	8.56E-05	1.05E-04	9.19E-05	2.96E-08	8.95E-08	5.18E-08	6.35E-08	5.75E-08	2.63E-08	2.30E-08	9.90E-10	2.39E-08	5.28E-09	8.62E-09	1.37E-08	2.41E-09	1.21E-08	6.70E-08
4746	489363.09	3860877.25	8.87E-05	1.09E-04	9.53E-05	3.07E-08	9.28E-08	5.37E-08	6.58E-08	5.97E-08	2.72E-08	2.39E-08	1.03E-09	2.48E-08	5.47E-09	8.94E-09	1.42E-08	2.50E-09	1.25E-08	6.94E-08
4747	489863.09	3860877.25	8.76E-05	1.07E-04	9.41E-05	3.04E-08	9.17E-08	5.31E-08	6.50E-08	5.89E-08	2.69E-08	2.36E-08	1.01E-09	2.45E-08	5.41E-09	8.83E-09	1.40E-08	2.47E-09	1.24E-08	6.86E-08
4748	490363.09	3860877.25	8.92E-05	1.09E-04	9.58E-05	3.09E-08	9.33E-08	5.40E-08	6.62E-08	6.00E-08	2.74E-08	2.40E-08	1.03E-09	2.49E-08	5.50E-09	8.98E-09	1.43E-08	2.51E-09	1.26E-08	6.98E-08
4749	490863.09	3860877.25	8.99E-05	1.10E-04	9.65E-05	3.12E-08	9.41E-08	5.45E-08	6.67E-08	6.05E-08	2.76E-08	2.42E-08	1.04E-09	2.51E-08	5.55E-09	9.06E-09	1.44E-08	2.53E-09	1.27E-08	7.04E-08
4750	491363.09	3860877.25	8.61E-05	1.06E-04	9.25E-05	2.99E-08	9.01E-08	5.22E-08	6.39E-08	5.79E-08	2.64E-08	2.32E-08	9.97E-10	2.41E-08	5.31E-09	8.68E-09	1.38E-08	2.43E-09	1.22E-08	6.74E-08
4751	491863.09	3860877.25	8.24E-05	1.01E-04	8.85E-05	2.86E-08	8.63E-08	4.99E-08	6.12E-08	5.54E-08	2.53E-08	2.22E-08	9.54E-10	2.30E-08	5.08E-09	8.30E-09	1.32E-08	2.32E-09	1.16E-08	6.45E-08
4752	492363.09	3860877.25	8.01E-05	9.81E-05	8.60E-05	2.78E-08	8.38E-08	4.85E-08	5.94E-08	5.39E-08	2.46E-08	2.16E-08	9.27E-10	2.24E-08	4.94E-09	8.07E-09	1.28E-08	2.26E-09	1.13E-08	6.27E-08
4753	492863.09	3860877.25	8.17E-05	1.00E-04	8.77E-05	2.83E-08	8.55E-08	4.95E-08	6.06E-08	5.49E-08	2.51E-08	2.20E-08	9.45E-10	2.28E-08	5.04E-09	8.23E-09	1.31E-08	2.30E-09	1.15E-08	6.39E-08
4754	493363.09	3860877.25	8.48E-05	1.04E-04	9.10E-05	2.94E-08	8.87E-08	5.14E-08	6.29E-08	5.70E-08	2.60E-08	2.28E-08	9.81E-10	2.37E-08	5.23E-09	8.54E-09	1.35E-08	2.39E-09	1.20E-08	6.64E-08
4755	493863.09	3860877.25	8.55E-05	1.05E-04	9.18E-05	2.96E-08	8.95E-08	5.18E-08	6.35E-08	5.75E-08	2.62E-08	2.30E-08	9.90E-10	2.39E-08	5.28E-09	8.62E-09	1.37E-08	2.41E-09	1.21E-08	6.69E-08
4756	494363.09	3860877.25	8.57E-05	1.05E-04	9.20E-05	2.97E-08	8.97E-08	5.19E-08	6.36E-08	5.76E-08	2.63E-08	2.30E-08	9.92E-10	2.40E-08	5.29E-09	8.63E-09	1.37E-08	2.41E-09	1.21E-08	6.71E-08
4757	494863.09	3860877.25	8.54E-05	1.05E-04	9.17E-05	2.96E-08	8.94E-08	5.17E-08	6.34E-08	5.74E-08	2.62E-08	2.30E-08	9.88E-10	2.39E-08	5.27E-09	8.60E-09	1.36E-08	2.40E-09	1.21E-08	6.68E-08
4758	495363.09	3860877.25	8.42E-05	1.03E-04	9.04E-05	2.92E-08	8.81E-08	5.10E-08	6.25E-08	5.66E-08	2.58E-08	2.26E-08	9.74E-10	2.35E-08	5.19E-09	8.48E-09	1.35E-08	2.37E-09	1.19E-08	6.59E-08
4759	495863.09	3860877.25	8.19E-05	1.00E-04	8.79E-05	2.84E-08	8.57E-08	4.96E-08	6.08E-08	5.51E-08	2.51E-08	2.20E-08	9.48E-10	2.29E-08	5.05E-09	8.25E-09	1.31E-08	2.31E-09	1.16E-08	6.41E-08
4760	496363.09	3860877.25	8.05E-05	9.86E-05	8.64E-05	2.79E-08	8.43E-08	4.88E-08	5.97E-08	5.42E-08	2.47E-08	2.17E-08	9.32E-10	2.25E-08	4.97E-09	8.11E-09	1.29E-08	2.27E-09	1.14E-08	6.30E-08
4761	496863.09	3860877.25	7.85E-05	9.62E-05	8.43E-05	2.72E-08	8.22E-08	4.76E-08	5.83E-08	5.28E-08	2.41E-08	2.11E-08	9.09E-10	2.19E-08	4.84E-09	7.91E-09	1.25E-08	2.21E-09	1.11E-08	6.15E-08
4762	497363.09	3860877.25	7.62E-05	9.34E-05	8.18E-05	2.64E-08	7.98E-08	4.62E-08	5.66E-08	5.13E-08	2.34E-08	2.05E-08	8.82E-10	2.13E-08	4.70E-09	7.68E-09	1.22E-08	2.15E-09	1.08E-08	5.97E-08
4763	497863.09	3860877.25	7.41E-05	9.07E-05	7.95E-05	2.57E-08	7.75E-08	4.49E-08	5.50E-08	4.98E-08	2.27E-08	1.99E-08	8.57E-10	2.07E-08	4.57E-09	7.46E-09	1.18E-08	2.09E-09	1.05E-08	5.80E-08
4764	498363.09	3860877.25	7.19E-05	8.81E-05	7.72E-05	2.49E-08	7.53E-08	4.36E-08	5.34E-08	4.84E-08	2.21E-08	1.93E-08	8.33E-10	2.01E-08	4.44E-09	7.25E-09	1.15E-08	2.03E-09	1.02E-08	5.63E-08
4765	471363.09	3861377.25	1.99E-05	2.43E-05	2.13E-05	6.89E-09	2.08E-08	1.20E-08	1.47E-08	1.34E-08	6.10E-09	5.35E-09	2.30E-10	5.55E-09	1.23E-09	2.00E-09	3.18E-09	5.60E-10	2.81E-09	1.56E-08
4766	471863.09	3861377.25	2.09E-05	2.56E-05	2.24E-05	7.24E-09	2.19E-08	1.27E-08	1.55E-08	1.41E-08	6.41E-09	5.62E-09	2.42E-10	5.84E-09	1.29E-09	2.11E-09	3.34E-09	5.89E-10	2.95E-09	1.64E-08
4767	472363.09	3861377.25	2.19E-05	2.68E-05	2.35E-05	7.59E-09	2.29E-08	1.33E-08	1.63E-08	1.47E-08	6.72E-09	5.90E-09	2.54E-10	6.13E-09	1.35E-09	2.21E-09	3.50E-09	6.17E-10	3.09E-09	1.72E-08
4768	472863.09	3861377.25	2.30E-05	2.81E-05	2.47E-05	7.96E-09	2.40E-08	1.39E-08	1.70E-08	1.54E-08	7.05E-09	6.18E-09	2.66E-10	6.42E-09	1.42E-09	2.31E-09	3.67E-09	6.47E-10	3.24E-09	1.80E-08
4769	473363.09	3861377.25	2.40E-05	2.93E-05	2.57E-05	8.30E-09	2.51E-08	1.45E-08	1.78E-08	1.61E-08	7.35E-09	6.45E-09	2.77E-10	6.70E-09	1.48E-09	2.41E-09	3.83E-09	6.75E-10	3.38E-09	1.88E-08
4770	473863.09	3861377.25	2.49E-05	3.06E-05	2.68E-05	8.65E-09	2.61E-08	1.51E-08	1.85E-08	1.68E-08	7.66E-09	6.72E-09	2.89E-10	6.97E-09	1.54E-09	2.51E-09	3.99E-09	7.03E-10	3.52E-09	1.95E-08
4771	474363.09	3861377.25	2.61E-05	3.20E-05	2.81E-05	9.05E-09	2.73E-08	1.58E-08	1.94E-08	1.76E-08	8.02E-09	7.03E-09	3.02E-10	7.30E-09	1.61E-09	2.63E-09	4.17E-09	7.36E-10	3.69E-09	2.05E-08
4772	474863.09	3861377.25	2.73E-05	3.35E-05	2.94E-05	9.47E-09	2.86E-08	1.66E-08	2.03E-08	1.84E-08	8.39E-09	7.36E-09	3.16E-10	7.64E-09	1.69E-09	2.75E-09	4.37E-09	7.70E-10	3.86E-09	2.14E-08
4773	475363.09	3861377.25	2.87E-05	3.52E-05	3.08E-05	9.95E-09	3.00E-08	1.74E-08	2.13E-08	1.93E-08	8.81E-09	7.73E-09	3.32E-10	8.03E-09	1.77E-09	2.89E-09	4.59E-09	8.09E-10	4.06E-09	2.25E-08
4774	475863.09	3861377.25	2.99E-05	3.66E-05	3.21E-05	1.04E-08	3.13E-08	1.81E-08	2.22E-08	2.01E-08	9.17E-09	8.04E-09	3.46E-10	8.35E-09	1.84E-09	3.01E-09	4.78E-09	8.42E-10	4.22E-09	2.34E-08
4775	476363.09	3861377.25	3.08E-05	3.77E-05	3.30E-05	1.07E-08	3.22E-08	1.86E-08	2.28E-08	2.07E-08	9.44E-09	8.28E-09	3.56E-10	8.60E-09	1.90E-09	3.10E-09	4.92E-09	8.67E-10	4.35E-09	2.41E-08
4776	476863.09	3861377.25	3.16E-05	3.87E-05	3.40E-05	1.10E-08	3.31E-08	1.92E-08	2.35E-08	2.13E-08	9.71E-09	8.51E-09	3.66E-10	8.84E-09	1.95E-09	3.19E-09	5.05E-09	8.91E-10	4.47E-09	2.48E-08
4777	477363.09	3861377.25	3.25E-05	3.98E-05	3.49E-05	1.13E-08	3.40E-08	1.97E-08	2.41E-08	2.19E-08	9.97E-09	8.75E-09	3.76E-10	9.08E-09	2.00E-09	3.27E-09	5.19E-09	9.15E-10	4.59E-09	2.54E-08
4778	477863.09	3861377.25	2.97E-05	3.64E-05	3.19E-05	1.03E-08	3.11E-08	1.80E-08	2.20E-08	2.00E-08	9.12E-09	8.00E-09	3.44E-10	8.31E-09	1.83E-09	2.99E-09	4.75E-09	8.37E-10	4.20E-09	2.33E-08

4779	478363.09	3861377.25	1.94E-05	2.37E-05	2.08E-05	6.71E-09	2.03E-08	1.17E-08	1.44E-08	1.30E-08	5.94E-09	5.21E-09	2.24E-10	5.41E-09	1.19E-09	1.95E-09	3.09E-09	5.45E-10	2.73E-09	1.52E-08
4780	478863.09	3861377.25	2.44E-05	2.99E-05	2.62E-05	8.47E-09	2.56E-08	1.48E-08	1.81E-08	1.64E-08	7.50E-09	6.57E-09	2.83E-10	6.83E-09	1.51E-09	2.46E-09	3.91E-09	6.89E-10	3.45E-09	1.91E-08
4781	479363.09	3861377.25	3.96E-05	4.85E-05	4.25E-05	1.37E-08	4.14E-08	2.40E-08	2.94E-08	2.66E-08	1.22E-08	1.06E-08	4.58E-10	1.11E-08	2.44E-09	3.99E-09	6.33E-09	1.12E-09	5.59E-09	3.10E-08
4782	479863.09	3861377.25	4.52E-05	5.53E-05	4.85E-05	1.57E-08	4.73E-08	2.74E-08	3.35E-08	3.04E-08	1.39E-08	1.21E-08	5.23E-10	1.26E-08	2.79E-09	4.55E-09	7.22E-09	1.27E-09	6.38E-09	3.53E-08
4783	480363.09	3861377.25	4.87E-05	5.96E-05	5.23E-05	1.69E-08	5.09E-08	2.95E-08	3.61E-08	3.27E-08	1.49E-08	1.31E-08	5.63E-10	1.36E-08	3.00E-09	4.90E-09	7.78E-09	1.37E-09	6.87E-09	3.81E-08
4784	480863.09	3861377.25	5.14E-05	6.29E-05	5.52E-05	1.78E-08	5.37E-08	3.11E-08	3.81E-08	3.45E-08	1.58E-08	1.38E-08	5.94E-10	1.44E-08	3.17E-09	5.17E-09	8.21E-09	1.45E-09	7.25E-09	4.02E-08
4785	481363.09	3861377.25	5.40E-05	6.62E-05	5.80E-05	1.87E-08	5.65E-08	3.27E-08	4.01E-08	3.63E-08	1.66E-08	1.45E-08	6.25E-10	1.51E-08	3.33E-09	5.44E-09	8.63E-09	1.52E-09	7.63E-09	4.23E-08
4786	481863.09	3861377.25	5.68E-05	6.95E-05	6.10E-05	1.97E-08	5.94E-08	3.44E-08	4.21E-08	3.82E-08	1.74E-08	1.53E-08	6.57E-10	1.59E-08	3.50E-09	5.72E-09	9.07E-09	1.60E-09	8.02E-09	4.44E-08
4787	482363.09	3861377.25	5.99E-05	7.33E-05	6.43E-05	2.07E-08	6.26E-08	3.63E-08	4.44E-08	4.03E-08	1.84E-08	1.61E-08	6.93E-10	1.67E-08	3.69E-09	6.03E-09	9.57E-09	1.69E-09	8.46E-09	4.69E-08
4788	482863.09	3861377.25	6.30E-05	7.72E-05	6.77E-05	2.18E-08	6.60E-08	3.82E-08	4.68E-08	4.24E-08	1.93E-08	1.70E-08	7.30E-10	1.76E-08	3.89E-09	6.35E-09	1.01E-08	1.78E-09	8.91E-09	4.93E-08
4789	483363.09	3861377.25	6.58E-05	8.05E-05	7.07E-05	2.28E-08	6.88E-08	3.98E-08	4.88E-08	4.42E-08	2.02E-08	1.77E-08	7.61E-10	1.84E-08	4.06E-09	6.62E-09	1.05E-08	1.85E-09	9.29E-09	5.15E-08
4790	483863.09	3861377.25	6.81E-05	8.33E-05	7.31E-05	2.36E-08	7.12E-08	4.12E-08	5.05E-08	4.58E-08	2.09E-08	1.83E-08	7.88E-10	1.90E-08	4.20E-09	6.85E-09	1.09E-08	1.92E-09	9.61E-09	5.33E-08
4791	484363.09	3861377.25	7.05E-05	8.63E-05	7.57E-05	2.44E-08	7.37E-08	4.27E-08	5.23E-08	4.74E-08	2.16E-08	1.90E-08	8.16E-10	1.97E-08	4.35E-09	7.10E-09	1.13E-08	1.98E-09	9.95E-09	5.52E-08
4792	484863.09	3861377.25	7.02E-05	8.59E-05	7.54E-05	2.43E-08	7.34E-08	4.25E-08	5.21E-08	4.72E-08	2.15E-08	1.89E-08	8.12E-10	1.96E-08	4.33E-09	7.07E-09	1.12E-08	1.98E-09	9.91E-09	5.49E-08
4793	485363.09	3861377.25	6.98E-05	8.55E-05	7.50E-05	2.42E-08	7.30E-08	4.23E-08	5.18E-08	4.69E-08	2.14E-08	1.88E-08	8.08E-10	1.95E-08	4.31E-09	7.03E-09	1.12E-08	1.97E-09	9.86E-09	5.46E-08
4794	485863.09	3861377.25	7.09E-05	8.68E-05	7.61E-05	2.46E-08	7.42E-08	4.29E-08	5.26E-08	4.77E-08	2.18E-08	1.91E-08	8.20E-10	1.98E-08	4.37E-09	7.14E-09	1.13E-08	2.00E-09	1.00E-08	5.55E-08
4795	486363.09	3861377.25	7.13E-05	8.74E-05	7.66E-05	2.47E-08	7.46E-08	4.32E-08	5.29E-08	4.80E-08	2.19E-08	1.92E-08	8.25E-10	1.99E-08	4.40E-09	7.18E-09	1.14E-08	2.01E-09	1.01E-08	5.58E-08
4796	486863.09	3861377.25	7.12E-05	8.72E-05	7.65E-05	2.47E-08	7.45E-08	4.31E-08	5.28E-08	4.79E-08	2.18E-08	1.92E-08	8.24E-10	1.99E-08	4.39E-09	7.17E-09	1.14E-08	2.00E-09	1.01E-08	5.57E-08
4797	487363.09	3861377.25	7.02E-05	8.60E-05	7.54E-05	2.43E-08	7.35E-08	4.25E-08	5.21E-08	4.72E-08	2.15E-08	1.89E-08	8.12E-10	1.96E-08	4.33E-09	7.07E-09	1.12E-08	1.98E-09	9.92E-09	5.50E-08
4798	487863.09	3861377.25	6.97E-05	8.54E-05	7.49E-05	2.42E-08	7.30E-08	4.22E-08	5.17E-08	4.69E-08	2.14E-08	1.88E-08	8.07E-10	1.95E-08	4.30E-09	7.03E-09	1.11E-08	1.96E-09	9.85E-09	5.46E-08
4799	488363.09	3861377.25	6.93E-05	8.48E-05	7.44E-05	2.40E-08	7.25E-08	4.20E-08	5.14E-08	4.66E-08	2.13E-08	1.86E-08	8.02E-10	1.94E-08	4.27E-09	6.98E-09	1.11E-08	1.95E-09	9.78E-09	5.42E-08
4800	488863.09	3861377.25	6.94E-05	8.49E-05	7.45E-05	2.40E-08	7.26E-08	4.20E-08	5.15E-08	4.66E-08	2.13E-08	1.87E-08	8.03E-10	1.94E-08	4.28E-09	6.99E-09	1.11E-08	1.95E-09	9.80E-09	5.43E-08
4801	489363.09	3861377.25	6.99E-05	8.56E-05	7.51E-05	2.42E-08	7.31E-08	4.23E-08	5.19E-08	4.70E-08	2.14E-08	1.88E-08	8.09E-10	1.95E-08	4.31E-09	7.04E-09	1.12E-08	1.97E-09	9.87E-09	5.47E-08
4802	489863.09	3861377.25	7.11E-05	8.70E-05	7.63E-05	2.46E-08	7.44E-08	4.30E-08	5.27E-08	4.78E-08	2.18E-08	1.91E-08	8.22E-10	1.99E-08	4.38E-09	7.16E-09	1.14E-08	2.00E-09	1.00E-08	5.56E-08
4803	490363.09	3861377.25	7.15E-05	8.76E-05	7.68E-05	2.48E-08	7.49E-08	4.33E-08	5.31E-08	4.81E-08	2.20E-08	1.92E-08	8.28E-10	2.00E-08	4.41E-09	7.21E-09	1.14E-08	2.01E-09	1.01E-08	5.60E-08
4804	490863.09	3861377.25	7.22E-05	8.84E-05	7.75E-05	2.50E-08	7.55E-08	4.37E-08	5.35E-08	4.85E-08	2.21E-08	1.94E-08	8.35E-10	2.02E-08	4.45E-09	7.27E-09	1.15E-08	2.03E-09	1.02E-08	5.65E-08
4805	491363.09	3861377.25	7.29E-05	8.93E-05	7.83E-05	2.53E-08	7.63E-08	4.42E-08	5.41E-08	4.91E-08	2.24E-08	1.96E-08	8.44E-10	2.04E-08	4.50E-09	7.35E-09	1.17E-08	2.05E-09	1.03E-08	5.71E-08
4806	491863.09	3861377.25	7.07E-05	8.66E-05	7.60E-05	2.45E-08	7.40E-08	4.28E-08	5.25E-08	4.76E-08	2.17E-08	1.90E-08	8.19E-10	1.98E-08	4.36E-09	7.13E-09	1.13E-08	1.99E-09	9.99E-09	5.54E-08
4807	492363.09	3861377.25	6.74E-05	8.25E-05	7.23E-05	2.33E-08	7.05E-08	4.08E-08	5.00E-08	4.53E-08	2.07E-08	1.81E-08	7.79E-10	1.88E-08	4.15E-09	6.78E-09	1.08E-08	1.90E-09	9.51E-09	5.27E-08
4808	492863.09	3861377.25	6.55E-05	8.02E-05	7.03E-05	2.27E-08	6.85E-08	3.97E-08	4.86E-08	4.41E-08	2.01E-08	1.76E-08	7.58E-10	1.83E-08	4.04E-09	6.60E-09	1.05E-08	1.84E-09	9.25E-09	5.13E-08
4809	493363.09	3861377.25	6.57E-05	8.05E-05	7.06E-05	2.28E-08	6.88E-08	3.98E-08	4.88E-08	4.42E-08	2.02E-08	1.77E-08	7.61E-10	1.84E-08	4.05E-09	6.62E-09	1.05E-08	1.85E-09	9.28E-09	5.14E-08
4810	493863.09	3861377.25	6.66E-05	8.16E-05	7.15E-05	2.31E-08	6.97E-08	4.04E-08	4.94E-08	4.48E-08	2.04E-08	1.79E-08	7.71E-10	1.86E-08	4.11E-09	6.71E-09	1.06E-08	1.88E-09	9.41E-09	5.22E-08
4811	494363.09	3861377.25	6.78E-05	8.30E-05	7.27E-05	2.35E-08	7.09E-08	4.10E-08	5.03E-08	4.56E-08	2.08E-08	1.82E-08	7.84E-10	1.89E-08	4.18E-09	6.82E-09	1.08E-08	1.91E-09	9.56E-09	5.30E-08
4812	494863.09	3861377.25	6.87E-05	8.41E-05	7.38E-05	2.38E-08	7.19E-08	4.16E-08	5.10E-08	4.62E-08	2.11E-08	1.85E-08	7.95E-10	1.92E-08	4.24E-09	6.92E-09	1.10E-08	1.93E-09	9.70E-09	5.38E-08
4813	495363.09	3861377.25	6.89E-05	8.43E-05	7.39E-05	2.39E-08	7.21E-08	4.17E-08	5.11E-08	4.63E-08	2.11E-08	1.85E-08	7.97E-10	1.93E-08	4.25E-09	6.94E-09	1.10E-08	1.94E-09	9.72E-09	5.39E-08
4814	495863.09	3861377.25	6.80E-05	8.33E-05	7.30E-05	2.36E-08	7.12E-08	4.12E-08	5.05E-08	4.58E-08	2.09E-08	1.83E-08	7.87E-10	1.90E-08	4.20E-09	6.85E-09	1.09E-08	1.92E-09	9.60E-09	5.32E-08
4815	496363.09	3861377.25	6.79E-05	8.31E-05	7.29E-05	2.35E-08	7.10E-08	4.11E-08	5.04E-08	4.57E-08	2.08E-08	1.83E-08	7.86E-10	1.90E-08	4.19E-09	6.84E-09	1.08E-08	1.91E-09	9.58E-09	5.31E-08
4816	496863.09	3861377.25	6.79E-05	8.32E-05	7.29E-05	2.35E-08	7.11E-08	4.12E-08	5.04E-08	4.57E-08	2.08E-08	1.83E-08	7.86E-10	1.90E-08	4.19E-09	6.84E-09	1.09E-08	1.91E-09	9.59E-09	5.32E-08
4817	497363.09	3861377.25	6.64E-05	8.14E-05	7.13E-05	2.30E-08	6.95E-08	4.02E-08	4.93E-08	4.47E-08	2.04E-08	1.79E-08	7.69E-10	1.86E-08	4.10E-09	6.69E-09	1.06E-08	1.87E-09	9.38E-09	5.20E-08
4818	497863.09	3861377.25	6.48E-05	7.94E-05	6.96E-05	2.25E-08	6.78E-08	3.93E-08	4.81E-08	4.36E-08	1.99E-08	1.74E-08	7.50E-10	1.81E-08	4.00E-09	6.53E-09	1.04E-08	1.83E-09	9.15E-09	5.07E-08
4819	498363.09	3861377.25	6.33E-05	7.76E-05	6.80E-05	2.19E-08	6.63E-08	3.84E-08	4.70E-08	4.26E-08	1.94E-08	1.70E-08	7.33E-10	1.77E-08	3.91E-09	6.38E-09	1.01E-08	1.78E-09	8.94E-09	4.96E-08
4820	471363.09	3861877.25	1.96E-05	2.40E-05	2.11E-05	6.80E-09	2.05E-08	1.19E-08	1.46E-08	1.32E-08	6.02E-09	5.28E-09	2.27E-10	5.49E-09	1.21E-09	1.98E-09	3.14E-09	5.53E-10	2.77E-09	1.54E-08
4821	471863.09	3861877.25	2.04E-05	2.50E-05	2.20E-05	7.09E-09	2.14E-08	1.24E-08	1.52E-08	1.38E-08	6.27E-09	5.50E-09	2.37E-10	5.72E-09	1.26E-09	2.06E-09	3.27E-09	5.76E-10	2.89E-09	1.60E-08
4822	472363.09	3861877.25	2.13E-05	2.60E-05	2.28E-05	7.37E-09	2.22E-08	1.29E-08	1.58E-08	1.43E-08	6.52E-09	5.72E-09	2.46E-10	5.94E-09	1.31E-09	2.14E-09	3.40E-09	5.99E-10	3.00E-09	1.66E-08
4823	472863.09	3861877.25	2.21E-05	2.71E-05	2.38E-05	7.67E-09	2.31E-08	1.34E-08	1.64E-08	1.49E-08	6.79E-09	5.95E-09	2.56E-10	6.18E-09	1.36E-09	2.23E-09	3.53E-09	6.23E-10	3.12E-09	1.73E-08
4824	473363.09	3861877.25	2.30E-05	2.82E-05	2.47E-05	7.97E-09	2.41E-08	1.39E-08	1.71E-08	1.55E-08	7.06E-09	6.19E-09	2.66E-10	6.43E-09	1.42E-09	2.32E-09	3.68E-09	6.48E-10	3.25E-09	1.80E-08
4825	473863.09	3861877.25	2.40E-05	2.94E-05	2.58E-05	8.31E-09	2.51E-08	1.45E-08	1.78E-08	1.61E-08	7.36E-09	6.45E-09	2.77E-10	6.70E-09	1.48E-09	2.42E-09	3.83E-09	6.75E-10	3.39E-09	1.88E-08
4826	474363.09	3861877.25	2.50E-05	3.07E-05	2.69E-05	8.68E-09	2.62E-08	1.52E-08	1.86E-08	1.68E-08	7.68E-09	6.74E-09	2.90E-10	7.00E-09	1.54E-09	2.52E-09	4.00E-09	7.05E-10	3.54E-09	1.96E-08
4827	474863.09	3861877.25	2.62E-05	3.21E-05	2.81E-05	9.07E-09	2.74E-08	1.59E-08	1.94E-08	1.76E-08	8.03E-09	7.04E-09	3.03E-10	7.32E-09	1.61E-09	2.64E-09	4.18E-09	7.37E-10	3.70E-09	2.05E-08
4828	475363.09	3861877.25	2.73E-05	3.35E-05	2.94E-05	9.47E-09	2.86E-08	1.66E-08	2.03E-08	1.84E-08	8.39E-09	7.36E-09	3.16E-10	7.64E-09	1.69E-09	2.75E-09	4.37E-09	7.70E-10	3.86E-09	2.14E-08
4829	475863.09	3861877.25	2.86E-05	3.50E-05	3.07E-05	9.90E-09	2.99E-08	1.73E-08	2.12E-08	1.92E-08	8.77E-09	7.69E-09	3.31E-10	7.99E-09	1.76E-09	2.88E-09	4.57E-09	8.05E-10	4.04E-09	2.24E-08
4830	476363.09	3861877.25	2.98E-05	3.65E-05	3.20E-05	1.03E-08	3.12E-08	1.81E-08	2.21E-08	2.00E-08	9.15E-09	8.02E-09	3.45E-10	8.33E-09	1.84E-09	3.00E-09	4.76E-09	8.39E-10	4.21E-09	2.33E-08
4831	476863.09	3861877.25	3.08E-05	3.77E-05	3.31E-05	1.07E-08	3.22E-08	1.87E-08	2.28E-08	2.07E-08	9.45E-09	8.29E-09	3.56E-10	8.61E-09	1.90E-09	3.10E-09	4.92E-09	8.67E-10	4.35E-09	2.41E-08
4832	477363.09	3861877.25	3.17E-05	3.88E-05	3.40E-05	1.10E-08	3.31E-08	1.92E-08	2.35E-08	2.13E-08	9.72E-09	8.52E-09	3.67E-10	8.85E-09	1.95E-09	3.19E-09	5.06E-09	8.92E-10	4.47E-09	2.48E-08
4833	477863.09	3861877.25	2.88E-05	3.53E-05	3.09E-05	9.98E-09	3.01E-08	1.74E-08	2.14E-08	1.94E-08	8.84E-09	7.74E-09	3.33E-10	8.05E-09	1.78E-09	2.90E-09	4.60E-09	8.11E-10	4.06E-09	2.25E-08

4834	478363.09	3861877.25	1.59E-05	1.95E-05	1.71E-05	5.51E-09	1.66E-08	9.63E-09	1.18E-08	1.07E-08	4.88E-09	4.28E-09	1.84E-10	4.44E-09	9.80E-10	1.60E-09	2.54E-09	4.48E-10	2.24E-09	1.24E-08
4835	478863.09	3861877.25	2.64E-05	3.24E-05	2.84E-05	9.16E-09	2.76E-08	1.60E-08	1.96E-08	1.78E-08	8.11E-09	7.11E-09	3.06E-10	7.39E-09	1.63E-09	2.66E-09	4.22E-09	7.44E-10	3.73E-09	2.07E-08
4836	479363.09	3861877.25	2.48E-05	3.03E-05	2.66E-05	8.58E-09	2.59E-08	1.50E-08	1.84E-08	1.67E-08	7.60E-09	6.66E-09	2.87E-10	6.92E-09	1.53E-09	2.49E-09	3.96E-09	6.97E-10	3.50E-09	1.94E-08
4837	479863.09	3861877.25	4.11E-05	5.03E-05	4.41E-05	1.42E-08	4.30E-08	2.49E-08	3.05E-08	2.76E-08	1.26E-08	1.11E-08	4.75E-10	1.15E-08	2.53E-09	4.14E-09	6.57E-09	1.16E-09	5.80E-09	3.22E-08
4838	480363.09	3861877.25	4.42E-05	5.41E-05	4.75E-05	1.53E-08	4.62E-08	2.68E-08	3.28E-08	2.97E-08	1.36E-08	1.19E-08	5.11E-10	1.24E-08	2.73E-09	4.45E-09	7.06E-09	1.24E-09	6.24E-09	3.46E-08
4839	480863.09	3861877.25	4.65E-05	5.69E-05	4.99E-05	1.61E-08	4.86E-08	2.82E-08	3.45E-08	3.13E-08	1.43E-08	1.25E-08	5.38E-10	1.30E-08	2.87E-09	4.68E-09	7.43E-09	1.31E-09	6.56E-09	3.64E-08
4840	481363.09	3861877.25	4.86E-05	5.96E-05	5.23E-05	1.69E-08	5.09E-08	2.95E-08	3.61E-08	3.27E-08	1.49E-08	1.31E-08	5.63E-10	1.36E-08	3.00E-09	4.90E-09	7.77E-09	1.37E-09	6.87E-09	3.81E-08
4841	481863.09	3861877.25	5.09E-05	6.24E-05	5.47E-05	1.76E-08	5.33E-08	3.08E-08	3.78E-08	3.42E-08	1.56E-08	1.37E-08	5.89E-10	1.42E-08	3.14E-09	5.13E-09	8.14E-09	1.43E-09	7.20E-09	3.99E-08
4842	482363.09	3861877.25	5.35E-05	6.55E-05	5.74E-05	1.85E-08	5.59E-08	3.24E-08	3.97E-08	3.60E-08	1.64E-08	1.44E-08	6.19E-10	1.49E-08	3.30E-09	5.39E-09	8.54E-09	1.51E-09	7.55E-09	4.19E-08
4843	482863.09	3861877.25	5.59E-05	6.85E-05	6.01E-05	1.94E-08	5.85E-08	3.39E-08	4.15E-08	3.76E-08	1.72E-08	1.51E-08	6.47E-10	1.56E-08	3.45E-09	5.63E-09	8.94E-09	1.58E-09	7.90E-09	4.38E-08
4844	483363.09	3861877.25	5.78E-05	7.08E-05	6.21E-05	2.00E-08	6.05E-08	3.50E-08	4.29E-08	3.89E-08	1.77E-08	1.56E-08	6.69E-10	1.62E-08	3.57E-09	5.82E-09	9.24E-09	1.63E-09	8.17E-09	4.53E-08
4845	483863.09	3861877.25	5.96E-05	7.30E-05	6.40E-05	2.07E-08	6.24E-08	3.61E-08	4.42E-08	4.01E-08	1.83E-08	1.60E-08	6.90E-10	1.67E-08	3.68E-09	6.00E-09	9.53E-09	1.68E-09	8.42E-09	4.67E-08
4846	484363.09	3861877.25	6.06E-05	7.42E-05	6.51E-05	2.10E-08	6.34E-08	3.67E-08	4.50E-08	4.08E-08	1.86E-08	1.63E-08	7.01E-10	1.69E-08	3.74E-09	6.10E-09	9.68E-09	1.71E-09	8.56E-09	4.74E-08
4847	484863.09	3861877.25	6.16E-05	7.54E-05	6.61E-05	2.13E-08	6.44E-08	3.73E-08	4.57E-08	4.14E-08	1.89E-08	1.66E-08	7.13E-10	1.72E-08	3.80E-09	6.20E-09	9.84E-09	1.73E-09	8.70E-09	4.82E-08
4848	485363.09	3861877.25	6.12E-05	7.49E-05	6.57E-05	2.12E-08	6.40E-08	3.70E-08	4.54E-08	4.11E-08	1.88E-08	1.65E-08	7.08E-10	1.71E-08	3.77E-09	6.16E-09	9.77E-09	1.72E-09	8.64E-09	4.79E-08
4849	485863.09	3861877.25	6.05E-05	7.41E-05	6.50E-05	2.10E-08	6.33E-08	3.67E-08	4.49E-08	4.07E-08	1.86E-08	1.63E-08	7.01E-10	1.69E-08	3.73E-09	6.10E-09	9.67E-09	1.70E-09	8.55E-09	4.74E-08
4850	486363.09	3861877.25	6.09E-05	7.46E-05	6.54E-05	2.11E-08	6.37E-08	3.69E-08	4.52E-08	4.10E-08	1.87E-08	1.64E-08	7.05E-10	1.70E-08	3.76E-09	6.14E-09	9.73E-09	1.72E-09	8.60E-09	4.77E-08
4851	486863.09	3861877.25	6.05E-05	7.41E-05	6.50E-05	2.10E-08	6.33E-08	3.67E-08	4.49E-08	4.07E-08	1.86E-08	1.63E-08	7.00E-10	1.69E-08	3.73E-09	6.10E-09	9.67E-09	1.70E-09	8.55E-09	4.74E-08
4852	487363.09	3861877.25	5.98E-05	7.32E-05	6.42E-05	2.07E-08	6.25E-08	3.62E-08	4.43E-08	4.02E-08	1.83E-08	1.61E-08	6.92E-10	1.67E-08	3.69E-09	6.02E-09	9.55E-09	1.68E-09	8.44E-09	4.68E-08
4853	487863.09	3861877.25	5.91E-05	7.24E-05	6.35E-05	2.05E-08	6.18E-08	3.58E-08	4.38E-08	3.97E-08	1.81E-08	1.59E-08	6.84E-10	1.65E-08	3.65E-09	5.95E-09	9.44E-09	1.66E-09	8.35E-09	4.63E-08
4854	488363.09	3861877.25	5.87E-05	7.19E-05	6.30E-05	2.03E-08	6.14E-08	3.56E-08	4.36E-08	3.95E-08	1.80E-08	1.58E-08	6.79E-10	1.64E-08	3.62E-09	5.91E-09	9.38E-09	1.65E-09	8.29E-09	4.59E-08
4855	488863.09	3861877.25	5.82E-05	7.13E-05	6.25E-05	2.02E-08	6.09E-08	3.53E-08	4.32E-08	3.92E-08	1.79E-08	1.57E-08	6.74E-10	1.63E-08	3.59E-09	5.86E-09	9.30E-09	1.64E-09	8.22E-09	4.56E-08
4856	489363.09	3861877.25	5.80E-05	7.10E-05	6.23E-05	2.01E-08	6.07E-08	3.51E-08	4.30E-08	3.90E-08	1.78E-08	1.56E-08	6.71E-10	1.62E-08	3.58E-09	5.84E-09	9.27E-09	1.63E-09	8.19E-09	4.54E-08
4857	489863.09	3861877.25	5.88E-05	7.21E-05	6.32E-05	2.04E-08	6.16E-08	3.56E-08	4.36E-08	3.96E-08	1.81E-08	1.58E-08	6.81E-10	1.64E-08	3.63E-09	5.93E-09	9.40E-09	1.66E-09	8.31E-09	4.61E-08
4858	490363.09	3861877.25	5.90E-05	7.23E-05	6.34E-05	2.05E-08	6.18E-08	3.58E-08	4.38E-08	3.97E-08	1.81E-08	1.59E-08	6.83E-10	1.65E-08	3.64E-09	5.95E-09	9.43E-09	1.66E-09	8.34E-09	4.62E-08
4859	490863.09	3861877.25	5.94E-05	7.27E-05	6.38E-05	2.06E-08	6.21E-08	3.60E-08	4.41E-08	3.99E-08	1.82E-08	1.60E-08	6.87E-10	1.66E-08	3.66E-09	5.98E-09	9.49E-09	1.67E-09	8.39E-09	4.65E-08
4860	491363.09	3861877.25	6.01E-05	7.36E-05	6.46E-05	2.08E-08	6.29E-08	3.64E-08	4.46E-08	4.04E-08	1.85E-08	1.62E-08	6.96E-10	1.68E-08	3.71E-09	6.06E-09	9.61E-09	1.69E-09	8.49E-09	4.71E-08
4861	491863.09	3861877.25	6.12E-05	7.50E-05	6.57E-05	2.12E-08	6.41E-08	3.71E-08	4.54E-08	4.12E-08	1.88E-08	1.65E-08	7.09E-10	1.71E-08	3.78E-09	6.17E-09	9.78E-09	1.72E-09	8.65E-09	4.79E-08
4862	492363.09	3861877.25	5.94E-05	7.28E-05	6.38E-05	2.06E-08	6.22E-08	3.60E-08	4.41E-08	4.00E-08	1.82E-08	1.60E-08	6.88E-10	1.66E-08	3.67E-09	5.99E-09	9.50E-09	1.67E-09	8.39E-09	4.65E-08
4863	492863.09	3861877.25	5.67E-05	6.94E-05	6.09E-05	1.96E-08	5.93E-08	3.43E-08	4.21E-08	3.81E-08	1.74E-08	1.53E-08	6.56E-10	1.58E-08	3.50E-09	5.71E-09	9.06E-09	1.60E-09	8.01E-09	4.44E-08
4864	493363.09	3861877.25	5.48E-05	6.72E-05	5.89E-05	1.90E-08	5.74E-08	3.32E-08	4.07E-08	3.69E-08	1.68E-08	1.48E-08	6.35E-10	1.53E-08	3.38E-09	5.52E-09	8.76E-09	1.54E-09	7.74E-09	4.29E-08
4865	493863.09	3861877.25	5.43E-05	6.65E-05	5.83E-05	1.88E-08	5.68E-08	3.29E-08	4.03E-08	3.65E-08	1.67E-08	1.46E-08	6.28E-10	1.52E-08	3.35E-09	5.47E-09	8.68E-09	1.53E-09	7.67E-09	4.25E-08
4866	494363.09	3861877.25	5.47E-05	6.70E-05	5.87E-05	1.90E-08	5.72E-08	3.31E-08	4.06E-08	3.68E-08	1.68E-08	1.47E-08	6.33E-10	1.53E-08	3.37E-09	5.51E-09	8.74E-09	1.54E-09	7.72E-09	4.28E-08
4867	494863.09	3861877.25	5.58E-05	6.84E-05	5.99E-05	1.94E-08	5.84E-08	3.38E-08	4.14E-08	3.76E-08	1.71E-08	1.50E-08	6.46E-10	1.56E-08	3.44E-09	5.62E-09	8.92E-09	1.57E-09	7.88E-09	4.37E-08
4868	495363.09	3861877.25	5.67E-05	6.95E-05	6.09E-05	1.97E-08	5.94E-08	3.44E-08	4.21E-08	3.82E-08	1.74E-08	1.53E-08	6.57E-10	1.59E-08	3.50E-09	5.72E-09	9.07E-09	1.60E-09	8.01E-09	4.44E-08
4869	495863.09	3861877.25	5.73E-05	7.01E-05	6.15E-05	1.98E-08	5.99E-08	3.47E-08	4.25E-08	3.85E-08	1.76E-08	1.54E-08	6.63E-10	1.60E-08	3.53E-09	5.77E-09	9.15E-09	1.61E-09	8.08E-09	4.48E-08
4870	496363.09	3861877.25	5.75E-05	7.05E-05	6.18E-05	1.99E-08	6.02E-08	3.49E-08	4.27E-08	3.87E-08	1.77E-08	1.55E-08	6.66E-10	1.61E-08	3.55E-09	5.80E-09	9.19E-09	1.62E-09	8.12E-09	4.50E-08
4871	496863.09	3861877.25	6.06E-05	7.43E-05	6.51E-05	2.10E-08	6.35E-08	3.67E-08	4.50E-08	4.08E-08	1.86E-08	1.63E-08	7.02E-10	1.70E-08	3.74E-09	6.11E-09	9.69E-09	1.71E-09	8.56E-09	4.75E-08
4872	497363.09	3861877.25	5.77E-05	7.06E-05	6.19E-05	2.00E-08	6.03E-08	3.49E-08	4.28E-08	3.88E-08	1.77E-08	1.55E-08	6.67E-10	1.61E-08	3.56E-09	5.81E-09	9.21E-09	1.62E-09	8.14E-09	4.51E-08
4873	497863.09	3861877.25	5.59E-05	6.85E-05	6.00E-05	1.94E-08	5.85E-08	3.39E-08	4.15E-08	3.76E-08	1.72E-08	1.50E-08	6.47E-10	1.56E-08	3.45E-09	5.63E-09	8.93E-09	1.57E-09	7.89E-09	4.38E-08
4874	498363.09	3861877.25	5.45E-05	6.68E-05	5.85E-05	1.89E-08	5.71E-08	3.30E-08	4.05E-08	3.67E-08	1.67E-08	1.47E-08	6.31E-10	1.52E-08	3.36E-09	5.49E-09	8.71E-09	1.54E-09	7.70E-09	4.27E-08
4875	471363.09	3862377.25	1.91E-05	2.33E-05	2.05E-05	6.60E-09	1.99E-08	1.15E-08	1.41E-08	1.28E-08	5.85E-09	5.13E-09	2.20E-10	5.33E-09	1.18E-09	1.92E-09	3.04E-09	5.37E-10	2.69E-09	1.49E-08
4876	471863.09	3862377.25	1.97E-05	2.42E-05	2.12E-05	6.84E-09	2.06E-08	1.20E-08	1.46E-08	1.33E-08	6.06E-09	5.31E-09	2.28E-10	5.52E-09	1.22E-09	1.99E-09	3.15E-09	5.56E-10	2.79E-09	1.54E-08
4877	472363.09	3862377.25	2.04E-05	2.50E-05	2.20E-05	7.08E-09	2.14E-08	1.24E-08	1.52E-08	1.37E-08	6.27E-09	5.50E-09	2.37E-10	5.71E-09	1.26E-09	2.06E-09	3.27E-09	5.76E-10	2.89E-09	1.60E-08
4878	472863.09	3862377.25	2.12E-05	2.60E-05	2.28E-05	7.35E-09	2.22E-08	1.28E-08	1.57E-08	1.43E-08	6.51E-09	5.71E-09	2.45E-10	5.93E-09	1.31E-09	2.14E-09	3.39E-09	5.97E-10	3.00E-09	1.66E-08
4879	473363.09	3862377.25	2.20E-05	2.70E-05	2.37E-05	7.63E-09	2.30E-08	1.33E-08	1.63E-08	1.48E-08	6.76E-09	5.93E-09	2.55E-10	6.15E-09	1.36E-09	2.22E-09	3.52E-09	6.20E-10	3.11E-09	1.72E-08
4880	473863.09	3862377.25	2.29E-05	2.81E-05	2.46E-05	7.94E-09	2.40E-08	1.39E-08	1.70E-08	1.54E-08	7.03E-09	6.17E-09	2.65E-10	6.40E-09	1.41E-09	2.31E-09	3.66E-09	6.45E-10	3.24E-09	1.79E-08
4881	474363.09	3862377.25	2.39E-05	2.92E-05	2.56E-05	8.27E-09	2.50E-08	1.45E-08	1.77E-08	1.61E-08	7.32E-09	6.42E-09	2.76E-10	6.67E-09	1.47E-09	2.40E-09	3.81E-09	6.72E-10	3.37E-09	1.87E-08
4882	474863.09	3862377.25	2.48E-05	3.04E-05	2.67E-05	8.60E-09	2.60E-08	1.50E-08	1.84E-08	1.67E-08	7.62E-09	6.68E-09	2.87E-10	6.94E-09	1.53E-09	2.50E-09	3.97E-09	6.99E-10	3.51E-09	1.94E-08
4883	475363.09	3862377.25	2.59E-05	3.17E-05	2.78E-05	8.97E-09	2.71E-08	1.57E-08	1.92E-08	1.74E-08	7.94E-09	6.96E-09	2.99E-10	7.23E-09	1.60E-09	2.61E-09	4.13E-09	7.29E-10	3.65E-09	2.03E-08
4884	475863.09	3862377.25	2.69E-05	3.30E-05	2.89E-05	9.33E-09	2.82E-08	1.63E-08	2.00E-08	1.81E-08	8.26E-09	7.24E-09	3.11E-10	7.52E-09	1.66E-09	2.71E-09	4.30E-09	7.58E-10	3.80E-09	2.11E-08
4885	476363.09	3862377.25	2.80E-05	3.43E-05	3.00E-05	9.69E-09	2.93E-08	1.69E-08	2.07E-08	1.88E-08	8.58E-09	7.52E-09	3.24E-10	7.82E-09	1.73E-09	2.82E-09	4.47E-09	7.88E-10	3.95E-09	2.19E-08
4886	476863.09	3862377.25	2.91E-05	3.56E-05	3.12E-05	1.01E-08	3.04E-08	1.76E-08	2.16E-08	1.95E-08	8.92E-09	7.82E-09	3.36E-10	8.12E-09	1.79E-09	2.93E-09	4.64E-09	8.18E-10	4.10E-09	2.27E-08
4887	477363.09	3862377.25	3.03E-05	3.71E-05	3.25E-05	1.05E-08	3.17E-08	1.83E-08	2.25E-08	2.04E-08	9.29E-09	8.14E-09	3.50E-10	8.46E-09	1.87E-09	3.05E-09	4.84E-09	8.52E-10	4.27E-09	2.37E-08
4888	477863.09	3862377.25	2.91E-05	3.57E-05	3.13E-05	1.01E-08	3.05E-08	1.76E-08	2.16E-08	1.96E-08	8.94E-09	7.83E-09	3.37E-10	8.14E-09	1.80E-09	2.93E-09	4.65E-09	8.20E-10	4.11E-09	2.28E-08

4889	478363.09	3862377.25	2.61E-05	3.20E-05	2.81E-05	9.05E-09	2.73E-08	1.58E-08	1.94E-08	1.76E-08	8.02E-09	7.03E-09	3.02E-10	7.30E-09	1.61E-09	2.63E-09	4.18E-09	7.36E-10	3.69E-09	2.05E-08
4890	478863.09	3862377.25	2.76E-05	3.38E-05	2.96E-05	9.57E-09	2.89E-08	1.67E-08	2.05E-08	1.86E-08	8.47E-09	7.43E-09	3.19E-10	7.72E-09	1.70E-09	2.78E-09	4.41E-09	7.77E-10	3.90E-09	2.16E-08
4891	479363.09	3862377.25	3.17E-05	3.88E-05	3.40E-05	1.10E-08	3.31E-08	1.92E-08	2.35E-08	2.13E-08	9.72E-09	8.52E-09	3.66E-10	8.85E-09	1.95E-09	3.19E-09	5.06E-09	8.92E-10	4.47E-09	2.48E-08
4892	479863.09	3862377.25	3.81E-05	4.67E-05	4.09E-05	1.32E-08	3.99E-08	2.31E-08	2.83E-08	2.56E-08	1.17E-08	1.03E-08	4.41E-10	1.07E-08	2.35E-09	3.84E-09	6.09E-09	1.07E-09	5.38E-09	2.98E-08
4893	480363.09	3862377.25	4.04E-05	4.95E-05	4.34E-05	1.40E-08	4.23E-08	2.45E-08	3.00E-08	2.72E-08	1.24E-08	1.09E-08	4.68E-10	1.13E-08	2.49E-09	4.07E-09	6.46E-09	1.14E-09	5.71E-09	3.17E-08
4894	480863.09	3862377.25	4.23E-05	5.18E-05	4.54E-05	1.47E-08	4.42E-08	2.56E-08	3.14E-08	2.84E-08	1.30E-08	1.14E-08	4.89E-10	1.18E-08	2.61E-09	4.26E-09	6.76E-09	1.19E-09	5.97E-09	3.31E-08
4895	481363.09	3862377.25	4.40E-05	5.39E-05	4.73E-05	1.53E-08	4.61E-08	2.67E-08	3.27E-08	2.96E-08	1.35E-08	1.18E-08	5.09E-10	1.23E-08	2.71E-09	4.43E-09	7.03E-09	1.24E-09	6.22E-09	3.45E-08
4896	481863.09	3862377.25	4.57E-05	5.60E-05	4.91E-05	1.58E-08	4.78E-08	2.77E-08	3.39E-08	3.08E-08	1.40E-08	1.23E-08	5.29E-10	1.28E-08	2.82E-09	4.61E-09	7.31E-09	1.29E-09	6.46E-09	3.58E-08
4897	482363.09	3862377.25	4.78E-05	5.85E-05	5.13E-05	1.66E-08	5.00E-08	2.89E-08	3.54E-08	3.21E-08	1.47E-08	1.29E-08	5.53E-10	1.34E-08	2.95E-09	4.81E-09	7.63E-09	1.35E-09	6.75E-09	3.74E-08
4898	482863.09	3862377.25	4.97E-05	6.09E-05	5.34E-05	1.72E-08	5.20E-08	3.01E-08	3.69E-08	3.34E-08	1.53E-08	1.34E-08	5.75E-10	1.39E-08	3.07E-09	5.01E-09	7.94E-09	1.40E-09	7.02E-09	3.89E-08
4899	483363.09	3862377.25	5.14E-05	6.30E-05	5.52E-05	1.78E-08	5.38E-08	3.11E-08	3.81E-08	3.46E-08	1.58E-08	1.38E-08	5.95E-10	1.44E-08	3.17E-09	5.18E-09	8.21E-09	1.45E-09	7.26E-09	4.02E-08
4900	483863.09	3862377.25	5.23E-05	6.40E-05	5.62E-05	1.81E-08	5.47E-08	3.17E-08	3.88E-08	3.52E-08	1.60E-08	1.41E-08	6.05E-10	1.46E-08	3.23E-09	5.27E-09	8.36E-09	1.47E-09	7.39E-09	4.09E-08
4901	484363.09	3862377.25	5.35E-05	6.56E-05	5.75E-05	1.86E-08	5.60E-08	3.24E-08	3.97E-08	3.60E-08	1.64E-08	1.44E-08	6.19E-10	1.50E-08	3.30E-09	5.39E-09	8.55E-09	1.51E-09	7.56E-09	4.19E-08
4902	484863.09	3862377.25	5.32E-05	6.51E-05	5.71E-05	1.84E-08	5.57E-08	3.22E-08	3.95E-08	3.58E-08	1.63E-08	1.43E-08	6.16E-10	1.49E-08	3.28E-09	5.36E-09	8.50E-09	1.50E-09	7.51E-09	4.16E-08
4903	485363.09	3862377.25	5.27E-05	6.46E-05	5.67E-05	1.83E-08	5.52E-08	3.19E-08	3.91E-08	3.55E-08	1.62E-08	1.42E-08	6.10E-10	1.47E-08	3.25E-09	5.31E-09	8.43E-09	1.49E-09	7.45E-09	4.13E-08
4904	485863.09	3862377.25	5.29E-05	6.48E-05	5.68E-05	1.83E-08	5.54E-08	3.21E-08	3.93E-08	3.56E-08	1.62E-08	1.42E-08	6.12E-10	1.48E-08	3.26E-09	5.33E-09	8.46E-09	1.49E-09	7.47E-09	4.14E-08
4905	486363.09	3862377.25	5.26E-05	6.44E-05	5.65E-05	1.82E-08	5.50E-08	3.19E-08	3.90E-08	3.54E-08	1.61E-08	1.42E-08	6.09E-10	1.47E-08	3.24E-09	5.30E-09	8.40E-09	1.48E-09	7.43E-09	4.12E-08
4906	486863.09	3862377.25	5.21E-05	6.38E-05	5.60E-05	1.81E-08	5.45E-08	3.16E-08	3.87E-08	3.50E-08	1.60E-08	1.40E-08	6.03E-10	1.46E-08	3.21E-09	5.25E-09	8.33E-09	1.47E-09	7.36E-09	4.08E-08
4907	487363.09	3862377.25	5.15E-05	6.31E-05	5.53E-05	1.78E-08	5.39E-08	3.12E-08	3.82E-08	3.46E-08	1.58E-08	1.39E-08	5.96E-10	1.44E-08	3.18E-09	5.19E-09	8.23E-09	1.45E-09	7.27E-09	4.03E-08
4908	487863.09	3862377.25	5.10E-05	6.25E-05	5.49E-05	1.77E-08	5.34E-08	3.09E-08	3.79E-08	3.43E-08	1.57E-08	1.37E-08	5.91E-10	1.43E-08	3.15E-09	5.14E-09	8.16E-09	1.44E-09	7.21E-09	4.00E-08
4909	488363.09	3862377.25	5.07E-05	6.21E-05	5.44E-05	1.76E-08	5.30E-08	3.07E-08	3.76E-08	3.41E-08	1.56E-08	1.36E-08	5.87E-10	1.42E-08	3.13E-09	5.11E-09	8.10E-09	1.43E-09	7.16E-09	3.97E-08
4910	488863.09	3862377.25	5.04E-05	6.17E-05	5.41E-05	1.75E-08	5.27E-08	3.05E-08	3.74E-08	3.39E-08	1.55E-08	1.36E-08	5.83E-10	1.41E-08	3.11E-09	5.08E-09	8.05E-09	1.42E-09	7.12E-09	3.94E-08
4911	489363.09	3862377.25	5.02E-05	6.15E-05	5.40E-05	1.74E-08	5.26E-08	3.04E-08	3.73E-08	3.38E-08	1.54E-08	1.35E-08	5.81E-10	1.40E-08	3.10E-09	5.06E-09	8.03E-09	1.41E-09	7.09E-09	3.93E-08
4912	489863.09	3862377.25	5.06E-05	6.19E-05	5.43E-05	1.75E-08	5.29E-08	3.06E-08	3.75E-08	3.40E-08	1.55E-08	1.36E-08	5.85E-10	1.41E-08	3.12E-09	5.09E-09	8.08E-09	1.42E-09	7.14E-09	3.96E-08
4913	490363.09	3862377.25	5.12E-05	6.27E-05	5.50E-05	1.77E-08	5.36E-08	3.10E-08	3.80E-08	3.44E-08	1.57E-08	1.38E-08	5.92E-10	1.43E-08	3.16E-09	5.16E-09	8.18E-09	1.44E-09	7.23E-09	4.01E-08
4914	490863.09	3862377.25	5.15E-05	6.31E-05	5.53E-05	1.79E-08	5.39E-08	3.12E-08	3.82E-08	3.46E-08	1.58E-08	1.39E-08	5.96E-10	1.44E-08	3.18E-09	5.19E-09	8.23E-09	1.45E-09	7.27E-09	4.03E-08
4915	491363.09	3862377.25	5.16E-05	6.31E-05	5.54E-05	1.79E-08	5.39E-08	3.12E-08	3.83E-08	3.47E-08	1.58E-08	1.39E-08	5.97E-10	1.44E-08	3.18E-09	5.19E-09	8.24E-09	1.45E-09	7.28E-09	4.04E-08
4916	491863.09	3862377.25	5.16E-05	6.32E-05	5.54E-05	1.79E-08	5.40E-08	3.13E-08	3.83E-08	3.47E-08	1.58E-08	1.39E-08	5.97E-10	1.44E-08	3.18E-09	5.20E-09	8.25E-09	1.45E-09	7.29E-09	4.04E-08
4917	492363.09	3862377.25	5.25E-05	6.44E-05	5.64E-05	1.82E-08	5.50E-08	3.18E-08	3.90E-08	3.53E-08	1.61E-08	1.41E-08	6.08E-10	1.47E-08	3.24E-09	5.29E-09	8.40E-09	1.48E-09	7.42E-09	4.11E-08
4918	492863.09	3862377.25	5.18E-05	6.34E-05	5.56E-05	1.80E-08	5.42E-08	3.14E-08	3.84E-08	3.48E-08	1.59E-08	1.39E-08	5.99E-10	1.45E-08	3.20E-09	5.22E-09	8.28E-09	1.46E-09	7.31E-09	4.05E-08
4919	493363.09	3862377.25	4.95E-05	6.07E-05	5.32E-05	1.72E-08	5.18E-08	3.00E-08	3.67E-08	3.33E-08	1.52E-08	1.33E-08	5.73E-10	1.38E-08	3.06E-09	4.99E-09	7.91E-09	1.39E-09	6.99E-09	3.88E-08
4920	493863.09	3862377.25	4.76E-05	5.83E-05	5.11E-05	1.65E-08	4.98E-08	2.88E-08	3.53E-08	3.20E-08	1.46E-08	1.28E-08	5.50E-10	1.33E-08	2.93E-09	4.79E-09	7.60E-09	1.34E-09	6.72E-09	3.72E-08
4921	494363.09	3862377.25	4.66E-05	5.71E-05	5.01E-05	1.62E-08	4.88E-08	2.83E-08	3.46E-08	3.14E-08	1.43E-08	1.25E-08	5.40E-10	1.30E-08	2.88E-09	4.70E-09	7.45E-09	1.31E-09	6.59E-09	3.65E-08
4922	494863.09	3862377.25	4.67E-05	5.72E-05	5.01E-05	1.62E-08	4.89E-08	2.83E-08	3.46E-08	3.14E-08	1.43E-08	1.26E-08	5.40E-10	1.31E-08	2.88E-09	4.70E-09	7.46E-09	1.31E-09	6.59E-09	3.65E-08
4923	495363.09	3862377.25	4.69E-05	5.74E-05	5.04E-05	1.63E-08	4.91E-08	2.84E-08	3.48E-08	3.15E-08	1.44E-08	1.26E-08	5.43E-10	1.31E-08	2.89E-09	4.72E-09	7.50E-09	1.32E-09	6.62E-09	3.67E-08
4924	495863.09	3862377.25	4.76E-05	5.83E-05	5.11E-05	1.65E-08	4.98E-08	2.89E-08	3.53E-08	3.20E-08	1.46E-08	1.28E-08	5.51E-10	1.33E-08	2.94E-09	4.80E-09	7.61E-09	1.34E-09	6.72E-09	3.73E-08
4925	496363.09	3862377.25	4.83E-05	5.91E-05	5.18E-05	1.67E-08	5.05E-08	2.92E-08	3.58E-08	3.25E-08	1.48E-08	1.30E-08	5.58E-10	1.35E-08	2.98E-09	4.86E-09	7.71E-09	1.36E-09	6.81E-09	3.78E-08
4926	496863.09	3862377.25	4.92E-05	6.03E-05	5.28E-05	1.71E-08	5.15E-08	2.98E-08	3.65E-08	3.31E-08	1.51E-08	1.32E-08	5.70E-10	1.38E-08	3.04E-09	4.96E-09	7.87E-09	1.39E-09	6.95E-09	3.85E-08
4927	497363.09	3862377.25	4.89E-05	5.99E-05	5.25E-05	1.70E-08	5.12E-08	2.96E-08	3.63E-08	3.29E-08	1.50E-08	1.32E-08	5.66E-10	1.37E-08	3.02E-09	4.93E-09	7.82E-09	1.38E-09	6.91E-09	3.83E-08
4928	497863.09	3862377.25	4.85E-05	5.93E-05	5.20E-05	1.68E-08	5.07E-08	2.94E-08	3.59E-08	3.26E-08	1.49E-08	1.30E-08	5.61E-10	1.35E-08	2.99E-09	4.88E-09	7.74E-09	1.36E-09	6.84E-09	3.79E-08
4929	498363.09	3862377.25	4.75E-05	5.81E-05	5.10E-05	1.64E-08	4.97E-08	2.88E-08	3.52E-08	3.19E-08	1.46E-08	1.28E-08	5.49E-10	1.33E-08	2.93E-09	4.78E-09	7.58E-09	1.34E-09	6.70E-09	3.71E-08
4930	471363.09	3862877.25	1.83E-05	2.24E-05	1.97E-05	6.34E-09	1.92E-08	1.11E-08	1.36E-08	1.23E-08	5.62E-09	4.93E-09	2.12E-10	5.12E-09	1.13E-09	1.84E-09	2.93E-09	5.16E-10	2.59E-09	1.43E-08
4931	471863.09	3862877.25	1.89E-05	2.32E-05	2.03E-05	6.56E-09	1.98E-08	1.15E-08	1.40E-08	1.27E-08	5.81E-09	5.09E-09	2.19E-10	5.29E-09	1.17E-09	1.91E-09	3.02E-09	5.33E-10	2.67E-09	1.48E-08
4932	472363.09	3862877.25	1.96E-05	2.40E-05	2.10E-05	6.78E-09	2.05E-08	1.19E-08	1.45E-08	1.32E-08	6.01E-09	5.27E-09	2.26E-10	5.47E-09	1.21E-09	1.97E-09	3.13E-09	5.51E-10	2.76E-09	1.53E-08
4933	472863.09	3862877.25	2.03E-05	2.48E-05	2.18E-05	7.03E-09	2.12E-08	1.23E-08	1.51E-08	1.36E-08	6.23E-09	5.46E-09	2.35E-10	5.67E-09	1.25E-09	2.04E-09	3.24E-09	5.71E-10	2.87E-09	1.59E-08
4934	473363.09	3862877.25	2.10E-05	2.57E-05	2.26E-05	7.29E-09	2.20E-08	1.27E-08	1.56E-08	1.41E-08	6.45E-09	5.66E-09	2.43E-10	5.88E-09	1.30E-09	2.12E-09	3.36E-09	5.92E-10	2.97E-09	1.65E-08
4935	473863.09	3862877.25	2.18E-05	2.67E-05	2.34E-05	7.56E-09	2.28E-08	1.32E-08	1.62E-08	1.47E-08	6.70E-09	5.87E-09	2.53E-10	6.10E-09	1.35E-09	2.20E-09	3.49E-09	6.15E-10	3.08E-09	1.71E-08
4936	474363.09	3862877.25	2.26E-05	2.77E-05	2.43E-05	7.85E-09	2.37E-08	1.37E-08	1.68E-08	1.52E-08	6.95E-09	6.09E-09	2.62E-10	6.33E-09	1.40E-09	2.28E-09	3.62E-09	6.38E-10	3.20E-09	1.77E-08
4937	474863.09	3862877.25	2.35E-05	2.88E-05	2.53E-05	8.15E-09	2.46E-08	1.42E-08	1.74E-08	1.58E-08	7.22E-09	6.33E-09	2.72E-10	6.57E-09	1.45E-09	2.37E-09	3.76E-09	6.62E-10	3.32E-09	1.84E-08
4938	475363.09	3862877.25	2.43E-05	2.98E-05	2.61E-05	8.43E-09	2.55E-08	1.47E-08	1.81E-08	1.64E-08	7.47E-09	6.55E-09	2.82E-10	6.80E-09	1.50E-09	2.45E-09	3.89E-09	6.85E-10	3.44E-09	1.90E-08
4939	475863.09	3862877.25	2.52E-05	3.09E-05	2.71E-05	8.73E-09	2.64E-08	1.53E-08	1.87E-08	1.69E-08	7.73E-09	6.78E-09	2.92E-10	7.04E-09	1.55E-09	2.54E-09	4.03E-09	7.10E-10	3.56E-09	1.97E-08
4940	476363.09	3862877.25	2.61E-05	3.20E-05	2.80E-05	9.05E-09	2.73E-08	1.58E-08	1.94E-08	1.76E-08	8.02E-09	7.03E-09	3.02E-10	7.30E-09	1.61E-09	2.63E-09	4.17E-09	7.36E-10	3.69E-09	2.04E-08
4941	476863.09	3862877.25	2.72E-05	3.33E-05	2.92E-05	9.43E-09	2.85E-08	1.65E-08	2.02E-08	1.83E-08	8.35E-09	7.32E-09	3.15E-10	7.60E-09	1.68E-09	2.74E-09	4.35E-09	7.66E-10	3.84E-09	2.13E-08
4942	477363.09	3862877.25	2.84E-05	3.48E-05	3.05E-05	9.84E-09	2.97E-08	1.72E-08	2.11E-08	1.91E-08	8.72E-09	7.64E-09	3.29E-10	7.94E-09	1.75E-09	2.86E-09	4.54E-09	8.00E-10	4.01E-09	2.22E-08
4943	477863.09	3862877.25	2.89E-05	3.53E-05	3.10E-05	1.00E-08	3.02E-08	1.75E-08	2.14E-08	1.94E-08	8.86E-09	7.77E-09	3.34E-10	8.07E-09	1.78E-09	2.91E-09	4.61E-09	8.13E-10	4.08E-09	2.26E-08

4944	478363.09	3862877.25	2.74E-05	3.36E-05	2.94E-05	9.50E-09	2.87E-08	1.66E-08	2.03E-08	1.84E-08	8.41E-09	7.38E-09	3.17E-10	7.66E-09	1.69E-09	2.76E-09	4.38E-09	7.72E-10	3.87E-09	2.14E-08
4945	478863.09	3862877.25	2.88E-05	3.53E-05	3.09E-05	9.98E-09	3.01E-08	1.74E-08	2.14E-08	1.94E-08	8.84E-09	7.75E-09	3.33E-10	8.05E-09	1.78E-09	2.90E-09	4.60E-09	8.11E-10	4.07E-09	2.25E-08
4946	479363.09	3862877.25	3.08E-05	3.77E-05	3.30E-05	1.07E-08	3.22E-08	1.86E-08	2.28E-08	2.07E-08	9.44E-09	8.28E-09	3.56E-10	8.60E-09	1.90E-09	3.10E-09	4.92E-09	8.67E-10	4.35E-09	2.41E-08
4947	479863.09	3862877.25	3.57E-05	4.37E-05	3.83E-05	1.24E-08	3.73E-08	2.16E-08	2.65E-08	2.40E-08	1.09E-08	9.60E-09	4.13E-10	9.97E-09	2.20E-09	3.59E-09	5.70E-09	1.00E-09	5.04E-09	2.79E-08
4948	480363.09	3862877.25	3.71E-05	4.54E-05	3.99E-05	1.29E-08	3.88E-08	2.25E-08	2.75E-08	2.50E-08	1.14E-08	9.99E-09	4.29E-10	1.04E-08	2.29E-09	3.74E-09	5.93E-09	1.04E-09	5.24E-09	2.90E-08
4949	480863.09	3862877.25	3.86E-05	4.73E-05	4.15E-05	1.34E-08	4.04E-08	2.34E-08	2.86E-08	2.60E-08	1.18E-08	1.04E-08	4.47E-10	1.08E-08	2.38E-09	3.89E-09	6.17E-09	1.09E-09	5.45E-09	3.02E-08
4950	481363.09	3862877.25	3.97E-05	4.87E-05	4.27E-05	1.38E-08	4.16E-08	2.41E-08	2.95E-08	2.67E-08	1.22E-08	1.07E-08	4.60E-10	1.11E-08	2.45E-09	4.00E-09	6.35E-09	1.12E-09	5.62E-09	3.11E-08
4951	481863.09	3862877.25	4.17E-05	5.11E-05	4.48E-05	1.45E-08	4.36E-08	2.53E-08	3.09E-08	2.80E-08	1.28E-08	1.12E-08	4.83E-10	1.17E-08	2.57E-09	4.20E-09	6.66E-09	1.17E-09	5.89E-09	3.26E-08
4952	482363.09	3862877.25	4.30E-05	5.26E-05	4.62E-05	1.49E-08	4.50E-08	2.60E-08	3.19E-08	2.89E-08	1.32E-08	1.16E-08	4.97E-10	1.20E-08	2.65E-09	4.33E-09	6.87E-09	1.21E-09	6.07E-09	3.36E-08
4953	482863.09	3862877.25	4.46E-05	5.46E-05	4.79E-05	1.55E-08	4.67E-08	2.70E-08	3.31E-08	3.00E-08	1.37E-08	1.20E-08	5.16E-10	1.25E-08	2.75E-09	4.49E-09	7.13E-09	1.26E-09	6.30E-09	3.49E-08
4954	483363.09	3862877.25	4.58E-05	5.60E-05	4.92E-05	1.59E-08	4.79E-08	2.77E-08	3.40E-08	3.08E-08	1.40E-08	1.23E-08	5.30E-10	1.28E-08	2.82E-09	4.61E-09	7.31E-09	1.29E-09	6.46E-09	3.58E-08
4955	483863.09	3862877.25	4.65E-05	5.70E-05	5.00E-05	1.61E-08	4.87E-08	2.82E-08	3.45E-08	3.13E-08	1.43E-08	1.25E-08	5.38E-10	1.30E-08	2.87E-09	4.69E-09	7.44E-09	1.31E-09	6.57E-09	3.64E-08
4956	484363.09	3862877.25	4.72E-05	5.78E-05	5.07E-05	1.63E-08	4.94E-08	2.86E-08	3.50E-08	3.17E-08	1.45E-08	1.27E-08	5.46E-10	1.32E-08	2.91E-09	4.75E-09	7.54E-09	1.33E-09	6.66E-09	3.69E-08
4957	484863.09	3862877.25	4.66E-05	5.71E-05	5.01E-05	1.62E-08	4.88E-08	2.82E-08	3.46E-08	3.14E-08	1.43E-08	1.26E-08	5.40E-10	1.30E-08	2.88E-09	4.70E-09	7.45E-09	1.31E-09	6.59E-09	3.65E-08
4958	485363.09	3862877.25	4.65E-05	5.69E-05	4.99E-05	1.61E-08	4.86E-08	2.82E-08	3.45E-08	3.13E-08	1.43E-08	1.25E-08	5.38E-10	1.30E-08	2.87E-09	4.68E-09	7.43E-09	1.31E-09	6.57E-09	3.64E-08
4959	485863.09	3862877.25	4.62E-05	5.66E-05	4.97E-05	1.60E-08	4.84E-08	2.80E-08	3.43E-08	3.11E-08	1.42E-08	1.24E-08	5.35E-10	1.29E-08	2.85E-09	4.66E-09	7.39E-09	1.30E-09	6.53E-09	3.62E-08
4960	486363.09	3862877.25	4.63E-05	5.67E-05	4.97E-05	1.60E-08	4.84E-08	2.80E-08	3.43E-08	3.11E-08	1.42E-08	1.25E-08	5.36E-10	1.29E-08	2.85E-09	4.66E-09	7.40E-09	1.30E-09	6.54E-09	3.62E-08
4961	486863.09	3862877.25	4.55E-05	5.57E-05	4.89E-05	1.58E-08	4.76E-08	2.76E-08	3.38E-08	3.06E-08	1.40E-08	1.22E-08	5.26E-10	1.27E-08	2.81E-09	4.58E-09	7.27E-09	1.28E-09	6.43E-09	3.56E-08
4962	487363.09	3862877.25	4.51E-05	5.52E-05	4.84E-05	1.56E-08	4.72E-08	2.73E-08	3.34E-08	3.03E-08	1.38E-08	1.21E-08	5.22E-10	1.26E-08	2.78E-09	4.54E-09	7.20E-09	1.27E-09	6.37E-09	3.53E-08
4963	487863.09	3862877.25	4.47E-05	5.47E-05	4.80E-05	1.55E-08	4.68E-08	2.71E-08	3.32E-08	3.01E-08	1.37E-08	1.20E-08	5.17E-10	1.25E-08	2.76E-09	4.50E-09	7.14E-09	1.26E-09	6.31E-09	3.50E-08
4964	488363.09	3862877.25	4.45E-05	5.45E-05	4.78E-05	1.54E-08	4.66E-08	2.70E-08	3.30E-08	2.99E-08	1.37E-08	1.20E-08	5.15E-10	1.24E-08	2.74E-09	4.48E-09	7.11E-09	1.25E-09	6.29E-09	3.48E-08
4965	488863.09	3862877.25	4.42E-05	5.41E-05	4.74E-05	1.53E-08	4.62E-08	2.68E-08	3.28E-08	2.97E-08	1.36E-08	1.19E-08	5.11E-10	1.23E-08	2.72E-09	4.45E-09	7.06E-09	1.24E-09	6.24E-09	3.46E-08
4966	489363.09	3862877.25	4.39E-05	5.37E-05	4.71E-05	1.52E-08	4.59E-08	2.66E-08	3.25E-08	2.95E-08	1.35E-08	1.18E-08	5.08E-10	1.23E-08	2.71E-09	4.42E-09	7.01E-09	1.24E-09	6.19E-09	3.43E-08
4967	489863.09	3862877.25	4.40E-05	5.38E-05	4.72E-05	1.52E-08	4.60E-08	2.66E-08	3.26E-08	2.96E-08	1.35E-08	1.18E-08	5.09E-10	1.23E-08	2.71E-09	4.43E-09	7.03E-09	1.24E-09	6.21E-09	3.44E-08
4968	490363.09	3862877.25	4.43E-05	5.43E-05	4.76E-05	1.54E-08	4.64E-08	2.69E-08	3.29E-08	2.98E-08	1.36E-08	1.19E-08	5.13E-10	1.24E-08	2.73E-09	4.47E-09	7.08E-09	1.25E-09	6.26E-09	3.47E-08
4969	490863.09	3862877.25	4.48E-05	5.48E-05	4.81E-05	1.55E-08	4.68E-08	2.71E-08	3.32E-08	3.01E-08	1.37E-08	1.20E-08	5.18E-10	1.25E-08	2.76E-09	4.51E-09	7.15E-09	1.26E-09	6.32E-09	3.50E-08
4970	491363.09	3862877.25	4.55E-05	5.57E-05	4.88E-05	1.58E-08	4.76E-08	2.75E-08	3.37E-08	3.06E-08	1.40E-08	1.22E-08	5.26E-10	1.27E-08	2.80E-09	4.58E-09	7.27E-09	1.28E-09	6.42E-09	3.56E-08
4971	491863.09	3862877.25	4.49E-05	5.50E-05	4.82E-05	1.56E-08	4.70E-08	2.72E-08	3.33E-08	3.02E-08	1.38E-08	1.21E-08	5.20E-10	1.26E-08	2.77E-09	4.52E-09	7.18E-09	1.26E-09	6.34E-09	3.51E-08
4972	492363.09	3862877.25	4.52E-05	5.54E-05	4.86E-05	1.57E-08	4.73E-08	2.74E-08	3.36E-08	3.04E-08	1.39E-08	1.22E-08	5.23E-10	1.26E-08	2.79E-09	4.56E-09	7.23E-09	1.27E-09	6.39E-09	3.54E-08
4973	492863.09	3862877.25	4.59E-05	5.62E-05	4.93E-05	1.59E-08	4.81E-08	2.78E-08	3.41E-08	3.09E-08	1.41E-08	1.24E-08	5.31E-10	1.28E-08	2.83E-09	4.63E-09	7.34E-09	1.29E-09	6.48E-09	3.59E-08
4974	493363.09	3862877.25	4.56E-05	5.59E-05	4.90E-05	1.58E-08	4.77E-08	2.76E-08	3.39E-08	3.07E-08	1.40E-08	1.23E-08	5.28E-10	1.28E-08	2.81E-09	4.60E-09	7.29E-09	1.29E-09	6.44E-09	3.57E-08
4975	493863.09	3862877.25	4.40E-05	5.39E-05	4.73E-05	1.53E-08	4.61E-08	2.67E-08	3.27E-08	2.96E-08	1.35E-08	1.18E-08	5.09E-10	1.23E-08	2.71E-09	4.43E-09	7.03E-09	1.24E-09	6.21E-09	3.44E-08
4976	494363.09	3862877.25	4.22E-05	5.16E-05	4.53E-05	1.46E-08	4.41E-08	2.55E-08	3.13E-08	2.84E-08	1.29E-08	1.13E-08	4.88E-10	1.18E-08	2.60E-09	4.25E-09	6.74E-09	1.19E-09	5.95E-09	3.30E-08
4977	494863.09	3862877.25	4.08E-05	5.00E-05	4.38E-05	1.41E-08	4.27E-08	2.47E-08	3.03E-08	2.74E-08	1.25E-08	1.10E-08	4.72E-10	1.14E-08	2.52E-09	4.11E-09	6.52E-09	1.15E-09	5.76E-09	3.19E-08
4978	495363.09	3862877.25	4.04E-05	4.95E-05	4.34E-05	1.40E-08	4.23E-08	2.45E-08	3.00E-08	2.72E-08	1.24E-08	1.09E-08	4.67E-10	1.13E-08	2.49E-09	4.07E-09	6.45E-09	1.14E-09	5.70E-09	3.16E-08
4979	495863.09	3862877.25	4.06E-05	4.97E-05	4.36E-05	1.41E-08	4.25E-08	2.46E-08	3.01E-08	2.73E-08	1.24E-08	1.09E-08	4.69E-10	1.13E-08	2.50E-09	4.09E-09	6.48E-09	1.14E-09	5.73E-09	3.18E-08
4980	496363.09	3862877.25	4.11E-05	5.03E-05	4.41E-05	1.42E-08	4.30E-08	2.49E-08	3.05E-08	2.76E-08	1.26E-08	1.10E-08	4.75E-10	1.15E-08	2.53E-09	4.14E-09	6.56E-09	1.16E-09	5.80E-09	3.21E-08
4981	496863.09	3862877.25	4.17E-05	5.10E-05	4.47E-05	1.44E-08	4.36E-08	2.52E-08	3.09E-08	2.80E-08	1.28E-08	1.12E-08	4.82E-10	1.16E-08	2.57E-09	4.20E-09	6.66E-09	1.17E-09	5.88E-09	3.26E-08
4982	497363.09	3862877.25	4.21E-05	5.15E-05	4.51E-05	1.46E-08	4.40E-08	2.55E-08	3.12E-08	2.83E-08	1.29E-08	1.13E-08	4.87E-10	1.18E-08	2.59E-09	4.24E-09	6.72E-09	1.18E-09	5.94E-09	3.29E-08
4983	497863.09	3862877.25	4.23E-05	5.18E-05	4.54E-05	1.47E-08	4.43E-08	2.56E-08	3.14E-08	2.85E-08	1.30E-08	1.14E-08	4.90E-10	1.18E-08	2.61E-09	4.26E-09	6.76E-09	1.19E-09	5.97E-09	3.31E-08
4984	498363.09	3862877.25	4.24E-05	5.20E-05	4.55E-05	1.47E-08	4.44E-08	2.57E-08	3.15E-08	2.85E-08	1.30E-08	1.14E-08	4.91E-10	1.19E-08	2.62E-09	4.27E-09	6.78E-09	1.19E-09	5.99E-09	3.32E-08
4985	471363.09	3863377.25	1.76E-05	2.15E-05	1.89E-05	6.09E-09	1.84E-08	1.06E-08	1.30E-08	1.18E-08	5.39E-09	4.73E-09	2.03E-10	4.91E-09	1.08E-09	1.77E-09	2.81E-09	4.95E-10	2.48E-09	1.37E-08
4986	471863.09	3863377.25	1.81E-05	2.22E-05	1.95E-05	6.28E-09	1.90E-08	1.10E-08	1.35E-08	1.22E-08	5.57E-09	4.88E-09	2.10E-10	5.07E-09	1.12E-09	1.83E-09	2.90E-09	5.11E-10	2.56E-09	1.42E-08
4987	472363.09	3863377.25	1.88E-05	2.30E-05	2.01E-05	6.50E-09	1.96E-08	1.14E-08	1.39E-08	1.26E-08	5.76E-09	5.05E-09	2.17E-10	5.24E-09	1.16E-09	1.89E-09	3.00E-09	5.28E-10	2.65E-09	1.47E-08
4988	472863.09	3863377.25	1.94E-05	2.37E-05	2.08E-05	6.71E-09	2.03E-08	1.17E-08	1.44E-08	1.30E-08	5.94E-09	5.21E-09	2.24E-10	5.41E-09	1.19E-09	1.95E-09	3.09E-09	5.45E-10	2.73E-09	1.52E-08
4989	473363.09	3863377.25	2.00E-05	2.45E-05	2.15E-05	6.93E-09	2.09E-08	1.21E-08	1.48E-08	1.35E-08	6.14E-09	5.38E-09	2.32E-10	5.59E-09	1.23E-09	2.02E-09	3.20E-09	5.63E-10	2.83E-09	1.57E-08
4990	473863.09	3863377.25	2.07E-05	2.54E-05	2.22E-05	7.17E-09	2.17E-08	1.25E-08	1.54E-08	1.39E-08	6.35E-09	5.57E-09	2.40E-10	5.79E-09	1.28E-09	2.09E-09	3.31E-09	5.83E-10	2.92E-09	1.62E-08
4991	474363.09	3863377.25	2.14E-05	2.62E-05	2.30E-05	7.42E-09	2.24E-08	1.30E-08	1.59E-08	1.44E-08	6.57E-09	5.76E-09	2.48E-10	5.98E-09	1.32E-09	2.16E-09	3.42E-09	6.03E-10	3.02E-09	1.67E-08
4992	474863.09	3863377.25	2.20E-05	2.70E-05	2.37E-05	7.63E-09	2.31E-08	1.33E-08	1.63E-08	1.48E-08	6.76E-09	5.93E-09	2.55E-10	6.16E-09	1.36E-09	2.22E-09	3.52E-09	6.20E-10	3.11E-09	1.72E-08
4993	475363.09	3863377.25	2.28E-05	2.79E-05	2.44E-05	7.89E-09	2.38E-08	1.38E-08	1.69E-08	1.53E-08	6.98E-09	6.12E-09	2.63E-10	6.36E-09	1.40E-09	2.29E-09	3.64E-09	6.41E-10	3.21E-09	1.78E-08
4994	475863.09	3863377.25	2.35E-05	2.88E-05	2.52E-05	8.15E-09	2.46E-08	1.42E-08	1.74E-08	1.58E-08	7.22E-09	6.33E-09	2.72E-10	6.57E-09	1.45E-09	2.37E-09	3.76E-09	6.62E-10	3.32E-09	1.84E-08
4995	476363.09	3863377.25	2.43E-05	2.98E-05	2.61E-05	8.44E-09	2.55E-08	1.47E-08	1.81E-08	1.64E-08	7.47E-09	6.55E-09	2.82E-10	6.81E-09	1.50E-09	2.45E-09	3.89E-09	6.86E-10	3.44E-09	1.91E-08
4996	476863.09	3863377.25	2.53E-05	3.10E-05	2.72E-05	8.78E-09	2.65E-08	1.53E-08	1.88E-08	1.70E-08	7.77E-09	6.81E-09	2.93E-10	7.08E-09	1.56E-09	2.55E-09	4.05E-09	7.13E-10	3.58E-09	1.98E-08
4997	477363.09	3863377.25	2.65E-05	3.24E-05	2.84E-05	9.17E-09	2.77E-08	1.60E-08	1.96E-08	1.78E-08	8.12E-09	7.13E-09	3.06E-10	7.40E-09	1.63E-09	2.67E-09	4.23E-09	7.46E-10	3.74E-09	2.07E-08
4998	477863.09	3863377.25	2.76E-05	3.38E-05	2.96E-05	9.55E-09	2.88E-08	1.67E-08	2.04E-08	1.85E-08	8.46E-09	7.42E-09	3.19E-10	7.70E-09	1.70E-09	2.78E-09	4.40E-09	7.76E-10	3.89E-09	2.16E-08

4999	478363.09	3863377.25	2.80E-05	3.43E-05	3.01E-05	9.71E-09	2.93E-08	1.70E-08	2.08E-08	1.88E-08	8.60E-09	7.54E-09	3.24E-10	7.83E-09	1.73E-09	2.82E-09	4.48E-09	7.89E-10	3.96E-09	2.19E-08
5000	478863.09	3863377.25	2.97E-05	3.64E-05	3.19E-05	1.03E-08	3.11E-08	1.80E-08	2.20E-08	2.00E-08	9.12E-09	8.00E-09	3.44E-10	8.31E-09	1.83E-09	2.99E-09	4.75E-09	8.37E-10	4.20E-09	2.33E-08
5001	479363.09	3863377.25	3.16E-05	3.88E-05	3.40E-05	1.10E-08	3.31E-08	1.92E-08	2.35E-08	2.13E-08	9.71E-09	8.51E-09	3.66E-10	8.84E-09	1.95E-09	3.19E-09	5.06E-09	8.91E-10	4.47E-09	2.48E-08
5002	479863.09	3863377.25	3.27E-05	4.01E-05	3.51E-05	1.13E-08	3.42E-08	1.98E-08	2.43E-08	2.20E-08	1.00E-08	8.80E-09	3.79E-10	9.14E-09	2.02E-09	3.29E-09	5.23E-09	9.21E-10	4.62E-09	2.56E-08
5003	480363.09	3863377.25	3.39E-05	4.15E-05	3.64E-05	1.17E-08	3.55E-08	2.05E-08	2.51E-08	2.28E-08	1.04E-08	9.12E-09	3.92E-10	9.47E-09	2.09E-09	3.41E-09	5.42E-09	9.55E-10	4.79E-09	2.65E-08
5004	480863.09	3863377.25	3.51E-05	4.30E-05	3.78E-05	1.22E-08	3.68E-08	2.13E-08	2.61E-08	2.36E-08	1.08E-08	9.46E-09	4.07E-10	9.82E-09	2.17E-09	3.54E-09	5.61E-09	9.89E-10	4.96E-09	2.75E-08
5005	481363.09	3863377.25	3.61E-05	4.42E-05	3.88E-05	1.25E-08	3.78E-08	2.19E-08	2.68E-08	2.43E-08	1.11E-08	9.72E-09	4.18E-10	1.01E-08	2.23E-09	3.64E-09	5.77E-09	1.02E-09	5.10E-09	2.83E-08
5006	481863.09	3863377.25	3.75E-05	4.60E-05	4.03E-05	1.30E-08	3.93E-08	2.27E-08	2.78E-08	2.52E-08	1.15E-08	1.01E-08	4.34E-10	1.05E-08	2.32E-09	3.78E-09	6.00E-09	1.06E-09	5.30E-09	2.94E-08
5007	482363.09	3863377.25	3.90E-05	4.78E-05	4.19E-05	1.35E-08	4.08E-08	2.36E-08	2.89E-08	2.62E-08	1.20E-08	1.05E-08	4.51E-10	1.09E-08	2.40E-09	3.93E-09	6.23E-09	1.10E-09	5.51E-09	3.05E-08
5008	482863.09	3863377.25	4.00E-05	4.89E-05	4.29E-05	1.38E-08	4.18E-08	2.42E-08	2.96E-08	2.69E-08	1.23E-08	1.08E-08	4.62E-10	1.12E-08	2.46E-09	4.02E-09	6.38E-09	1.13E-09	5.64E-09	3.13E-08
5009	483363.09	3863377.25	4.08E-05	5.00E-05	4.38E-05	1.41E-08	4.27E-08	2.47E-08	3.03E-08	2.75E-08	1.25E-08	1.10E-08	4.72E-10	1.14E-08	2.52E-09	4.11E-09	6.52E-09	1.15E-09	5.77E-09	3.20E-08
5010	483863.09	3863377.25	4.15E-05	5.08E-05	4.45E-05	1.44E-08	4.34E-08	2.51E-08	3.08E-08	2.79E-08	1.27E-08	1.12E-08	4.80E-10	1.16E-08	2.56E-09	4.18E-09	6.63E-09	1.17E-09	5.86E-09	3.25E-08
5011	484363.09	3863377.25	4.16E-05	5.10E-05	4.47E-05	1.44E-08	4.36E-08	2.52E-08	3.09E-08	2.80E-08	1.28E-08	1.12E-08	4.82E-10	1.16E-08	2.57E-09	4.20E-09	6.66E-09	1.17E-09	5.88E-09	3.26E-08
5012	484863.09	3863377.25	4.16E-05	5.09E-05	4.47E-05	1.44E-08	4.35E-08	2.52E-08	3.08E-08	2.80E-08	1.28E-08	1.12E-08	4.81E-10	1.16E-08	2.56E-09	4.19E-09	6.64E-09	1.17E-09	5.88E-09	3.25E-08
5013	485363.09	3863377.25	4.11E-05	5.04E-05	4.42E-05	1.43E-08	4.30E-08	2.49E-08	3.05E-08	2.77E-08	1.26E-08	1.11E-08	4.76E-10	1.15E-08	2.54E-09	4.14E-09	6.57E-09	1.16E-09	5.81E-09	3.22E-08
5014	485863.09	3863377.25	4.10E-05	5.02E-05	4.40E-05	1.42E-08	4.29E-08	2.48E-08	3.04E-08	2.75E-08	1.26E-08	1.10E-08	4.74E-10	1.14E-08	2.53E-09	4.13E-09	6.54E-09	1.15E-09	5.78E-09	3.21E-08
5015	486363.09	3863377.25	4.07E-05	4.99E-05	4.37E-05	1.41E-08	4.26E-08	2.47E-08	3.02E-08	2.74E-08	1.25E-08	1.10E-08	4.71E-10	1.14E-08	2.51E-09	4.10E-09	6.51E-09	1.15E-09	5.75E-09	3.19E-08
5016	486863.09	3863377.25	4.04E-05	4.95E-05	4.34E-05	1.40E-08	4.23E-08	2.45E-08	3.00E-08	2.72E-08	1.24E-08	1.09E-08	4.68E-10	1.13E-08	2.49E-09	4.07E-09	6.46E-09	1.14E-09	5.71E-09	3.16E-08
5017	487363.09	3863377.25	4.00E-05	4.90E-05	4.30E-05	1.39E-08	4.19E-08	2.42E-08	2.97E-08	2.69E-08	1.23E-08	1.08E-08	4.63E-10	1.12E-08	2.47E-09	4.03E-09	6.40E-09	1.13E-09	5.65E-09	3.13E-08
5018	487863.09	3863377.25	3.96E-05	4.85E-05	4.25E-05	1.37E-08	4.14E-08	2.40E-08	2.94E-08	2.66E-08	1.21E-08	1.07E-08	4.58E-10	1.11E-08	2.44E-09	3.99E-09	6.32E-09	1.11E-09	5.59E-09	3.10E-08
5019	488363.09	3863377.25	3.94E-05	4.82E-05	4.23E-05	1.37E-08	4.12E-08	2.39E-08	2.92E-08	2.65E-08	1.21E-08	1.06E-08	4.56E-10	1.10E-08	2.43E-09	3.97E-09	6.30E-09	1.11E-09	5.57E-09	3.08E-08
5020	488863.09	3863377.25	3.92E-05	4.80E-05	4.21E-05	1.36E-08	4.10E-08	2.37E-08	2.91E-08	2.64E-08	1.20E-08	1.05E-08	4.53E-10	1.10E-08	2.42E-09	3.95E-09	6.26E-09	1.10E-09	5.53E-09	3.07E-08
5021	489363.09	3863377.25	3.88E-05	4.75E-05	4.17E-05	1.34E-08	4.06E-08	2.35E-08	2.88E-08	2.61E-08	1.19E-08	1.04E-08	4.49E-10	1.08E-08	2.39E-09	3.91E-09	6.20E-09	1.09E-09	5.48E-09	3.04E-08
5022	489863.09	3863377.25	3.87E-05	4.73E-05	4.15E-05	1.34E-08	4.04E-08	2.34E-08	2.87E-08	2.60E-08	1.19E-08	1.04E-08	4.47E-10	1.08E-08	2.38E-09	3.89E-09	6.18E-09	1.09E-09	5.46E-09	3.03E-08
5023	490363.09	3863377.25	3.88E-05	4.76E-05	4.17E-05	1.35E-08	4.06E-08	2.35E-08	2.88E-08	2.61E-08	1.19E-08	1.05E-08	4.49E-10	1.09E-08	2.40E-09	3.91E-09	6.21E-09	1.09E-09	5.49E-09	3.04E-08
5024	490863.09	3863377.25	3.94E-05	4.83E-05	4.23E-05	1.37E-08	4.13E-08	2.39E-08	2.93E-08	2.65E-08	1.21E-08	1.06E-08	4.56E-10	1.10E-08	2.43E-09	3.97E-09	6.30E-09	1.11E-09	5.57E-09	3.09E-08
5025	491363.09	3863377.25	3.96E-05	4.85E-05	4.25E-05	1.37E-08	4.14E-08	2.40E-08	2.94E-08	2.66E-08	1.22E-08	1.07E-08	4.58E-10	1.11E-08	2.44E-09	3.99E-09	6.33E-09	1.12E-09	5.59E-09	3.10E-08
5026	491863.09	3863377.25	3.97E-05	4.87E-05	4.27E-05	1.38E-08	4.16E-08	2.41E-08	2.95E-08	2.67E-08	1.22E-08	1.07E-08	4.60E-10	1.11E-08	2.45E-09	4.00E-09	6.35E-09	1.12E-09	5.61E-09	3.11E-08
5027	492363.09	3863377.25	4.02E-05	4.92E-05	4.31E-05	1.39E-08	4.20E-08	2.43E-08	2.98E-08	2.70E-08	1.23E-08	1.08E-08	4.65E-10	1.12E-08	2.48E-09	4.05E-09	6.42E-09	1.13E-09	5.67E-09	3.14E-08
5028	492863.09	3863377.25	4.13E-05	5.06E-05	4.43E-05	1.43E-08	4.32E-08	2.50E-08	3.06E-08	2.78E-08	1.27E-08	1.11E-08	4.78E-10	1.15E-08	2.55E-09	4.16E-09	6.60E-09	1.16E-09	5.83E-09	3.23E-08
5029	493363.09	3863377.25	4.26E-05	5.22E-05	4.57E-05	1.48E-08	4.46E-08	2.58E-08	3.16E-08	2.86E-08	1.31E-08	1.15E-08	4.93E-10	1.19E-08	2.63E-09	4.29E-09	6.80E-09	1.20E-09	6.01E-09	3.33E-08
5030	493863.09	3863377.25	4.22E-05	5.17E-05	4.54E-05	1.46E-08	4.42E-08	2.56E-08	3.13E-08	2.84E-08	1.30E-08	1.14E-08	4.89E-10	1.18E-08	2.61E-09	4.26E-09	6.75E-09	1.19E-09	5.96E-09	3.31E-08
5031	494363.09	3863377.25	4.03E-05	4.93E-05	4.32E-05	1.40E-08	4.21E-08	2.44E-08	2.99E-08	2.71E-08	1.24E-08	1.08E-08	4.66E-10	1.13E-08	2.48E-09	4.06E-09	6.43E-09	1.13E-09	5.69E-09	3.15E-08
5032	494863.09	3863377.25	3.87E-05	4.74E-05	4.15E-05	1.34E-08	4.05E-08	2.34E-08	2.87E-08	2.60E-08	1.19E-08	1.04E-08	4.48E-10	1.08E-08	2.39E-09	3.90E-09	6.18E-09	1.09E-09	5.46E-09	3.03E-08
5033	495363.09	3863377.25	3.79E-05	4.64E-05	4.07E-05	1.31E-08	3.96E-08	2.29E-08	2.81E-08	2.55E-08	1.16E-08	1.02E-08	4.38E-10	1.06E-08	2.34E-09	3.82E-09	6.05E-09	1.07E-09	5.35E-09	2.96E-08
5034	495863.09	3863377.25	3.75E-05	4.60E-05	4.03E-05	1.30E-08	3.93E-08	2.27E-08	2.79E-08	2.53E-08	1.15E-08	1.01E-08	4.35E-10	1.05E-08	2.32E-09	3.78E-09	6.00E-09	1.06E-09	5.30E-09	2.94E-08
5035	496363.09	3863377.25	3.62E-05	4.43E-05	3.89E-05	1.25E-08	3.79E-08	2.19E-08	2.68E-08	2.43E-08	1.11E-08	9.74E-09	4.19E-10	1.01E-08	2.23E-09	3.65E-09	5.78E-09	1.02E-09	5.11E-09	2.83E-08
5036	496863.09	3863377.25	3.57E-05	4.37E-05	3.83E-05	1.24E-08	3.74E-08	2.16E-08	2.65E-08	2.40E-08	1.10E-08	9.60E-09	4.13E-10	9.98E-09	2.20E-09	3.60E-09	5.71E-09	1.01E-09	5.04E-09	2.79E-08
5037	497363.09	3863377.25	3.61E-05	4.43E-05	3.88E-05	1.25E-08	3.78E-08	2.19E-08	2.68E-08	2.43E-08	1.11E-08	9.72E-09	4.18E-10	1.01E-08	2.23E-09	3.64E-09	5.77E-09	1.02E-09	5.10E-09	2.83E-08
5038	497863.09	3863377.25	3.68E-05	4.50E-05	3.95E-05	1.27E-08	3.85E-08	2.23E-08	2.73E-08	2.47E-08	1.13E-08	9.89E-09	4.26E-10	1.03E-08	2.27E-09	3.70E-09	5.88E-09	1.04E-09	5.19E-09	2.88E-08
5039	498363.09	3863377.25	3.72E-05	4.56E-05	3.99E-05	1.29E-08	3.89E-08	2.25E-08	2.76E-08	2.50E-08	1.14E-08	1.00E-08	4.31E-10	1.04E-08	2.29E-09	3.75E-09	5.95E-09	1.05E-09	5.25E-09	2.91E-08
5040	471363.09	3863877.25	1.68E-05	2.06E-05	1.81E-05	5.83E-09	1.76E-08	1.02E-08	1.25E-08	1.13E-08	5.16E-09	4.53E-09	1.95E-10	4.70E-09	1.04E-09	1.69E-09	2.69E-09	4.74E-10	2.38E-09	1.32E-08
5041	471863.09	3863877.25	1.74E-05	2.13E-05	1.87E-05	6.03E-09	1.82E-08	1.05E-08	1.29E-08	1.17E-08	5.34E-09	4.68E-09	2.01E-10	4.86E-09	1.07E-09	1.75E-09	2.78E-09	4.90E-10	2.46E-09	1.36E-08
5042	472363.09	3863877.25	1.79E-05	2.19E-05	1.92E-05	6.20E-09	1.87E-08	1.08E-08	1.33E-08	1.20E-08	5.49E-09	4.82E-09	2.07E-10	5.00E-09	1.10E-09	1.80E-09	2.86E-09	5.04E-10	2.53E-09	1.40E-08
5043	472863.09	3863877.25	1.84E-05	2.26E-05	1.98E-05	6.39E-09	1.93E-08	1.12E-08	1.37E-08	1.24E-08	5.66E-09	4.96E-09	2.13E-10	5.15E-09	1.14E-09	1.86E-09	2.95E-09	5.19E-10	2.60E-09	1.44E-08
5044	473363.09	3863877.25	1.90E-05	2.32E-05	2.04E-05	6.57E-09	1.98E-08	1.15E-08	1.41E-08	1.27E-08	5.82E-09	5.10E-09	2.19E-10	5.30E-09	1.17E-09	1.91E-09	3.03E-09	5.34E-10	2.68E-09	1.48E-08
5045	473863.09	3863877.25	1.95E-05	2.39E-05	2.10E-05	6.77E-09	2.05E-08	1.18E-08	1.45E-08	1.31E-08	6.00E-09	5.26E-09	2.26E-10	5.46E-09	1.21E-09	1.97E-09	3.12E-09	5.51E-10	2.76E-09	1.53E-08
5046	474363.09	3863877.25	2.01E-05	2.46E-05	2.16E-05	6.96E-09	2.10E-08	1.22E-08	1.49E-08	1.35E-08	6.16E-09	5.40E-09	2.32E-10	5.61E-09	1.24E-09	2.02E-09	3.21E-09	5.66E-10	2.84E-09	1.57E-08
5047	474863.09	3863877.25	2.06E-05	2.52E-05	2.21E-05	7.14E-09	2.15E-08	1.25E-08	1.53E-08	1.39E-08	6.32E-09	5.54E-09	2.38E-10	5.76E-09	1.27E-09	2.07E-09	3.29E-09	5.80E-10	2.91E-09	1.61E-08
5048	475363.09	3863877.25	2.12E-05	2.60E-05	2.28E-05	7.36E-09	2.22E-08	1.29E-08	1.58E-08	1.43E-08	6.52E-09	5.72E-09	2.46E-10	5.94E-09	1.31E-09	2.14E-09	3.40E-09	5.98E-10	3.00E-09	1.66E-08
5049	475863.09	3863877.25	2.19E-05	2.68E-05	2.35E-05	7.59E-09	2.29E-08	1.33E-08	1.63E-08	1.47E-08	6.72E-09	5.90E-09	2.53E-10	6.12E-09	1.35E-09	2.21E-09	3.50E-09	6.17E-10	3.09E-09	1.71E-08
5050	476363.09	3863877.25	2.28E-05	2.79E-05	2.45E-05	7.89E-09	2.38E-08	1.38E-08	1.69E-08	1.53E-08	6.99E-09	6.13E-09	2.64E-10	6.37E-09	1.40E-09	2.29E-09	3.64E-09	6.41E-10	3.22E-09	1.78E-08
5051	476863.09	3863877.25	2.37E-05	2.90E-05	2.55E-05	8.21E-09	2.48E-08	1.44E-08	1.76E-08	1.59E-08	7.27E-09	6.38E-09	2.74E-10	6.62E-09	1.46E-09	2.39E-09	3.79E-09	6.67E-10	3.35E-09	1.85E-08
5052	477363.09	3863877.25	2.47E-05	3.03E-05	2.66E-05	8.58E-09	2.59E-08	1.50E-08	1.84E-08	1.66E-08	7.59E-09	6.66E-09	2.86E-10	6.92E-09	1.53E-09	2.49E-09	3.95E-09	6.97E-10	3.50E-09	1.94E-08
5053	477863.09	3863877.25	2.59E-05	3.18E-05	2.79E-05	8.99E-09	2.71E-08	1.57E-08	1.92E-08	1.74E-08	7.96E-09	6.98E-09	3.00E-10	7.25E-09	1.60E-09	2.61E-09	4.15E-09	7.31E-10	3.67E-09	2.03E-08

5054	478363.09	3863877.25	2.70E-05	3.31E-05	2.90E-05	9.35E-09	2.82E-08	1.64E-08	2.00E-08	1.82E-08	8.28E-09	7.26E-09	3.12E-10	7.55E-09	1.66E-09	2.72E-09	4.31E-09	7.60E-10	3.81E-09	2.11E-08
5055	478863.09	3863877.25	2.83E-05	3.46E-05	3.04E-05	9.80E-09	2.96E-08	1.71E-08	2.10E-08	1.90E-08	8.67E-09	7.61E-09	3.27E-10	7.90E-09	1.74E-09	2.85E-09	4.52E-09	7.96E-10	3.99E-09	2.21E-08
5056	479363.09	3863877.25	2.92E-05	3.58E-05	3.14E-05	1.01E-08	3.06E-08	1.77E-08	2.17E-08	1.96E-08	8.96E-09	7.86E-09	3.38E-10	8.17E-09	1.80E-09	2.94E-09	4.67E-09	8.23E-10	4.13E-09	2.29E-08
5057	479863.09	3863877.25	3.02E-05	3.70E-05	3.24E-05	1.05E-08	3.16E-08	1.83E-08	2.24E-08	2.03E-08	9.27E-09	8.13E-09	3.49E-10	8.44E-09	1.86E-09	3.04E-09	4.83E-09	8.50E-10	4.27E-09	2.36E-08
5058	480363.09	3863877.25	3.11E-05	3.81E-05	3.35E-05	1.08E-08	3.26E-08	1.89E-08	2.31E-08	2.09E-08	9.56E-09	8.38E-09	3.60E-10	8.71E-09	1.92E-09	3.14E-09	4.98E-09	8.77E-10	4.40E-09	2.44E-08
5059	480863.09	3863877.25	3.22E-05	3.94E-05	3.46E-05	1.12E-08	3.37E-08	1.95E-08	2.39E-08	2.16E-08	9.88E-09	8.67E-09	3.73E-10	9.00E-09	1.99E-09	3.24E-09	5.14E-09	9.07E-10	4.55E-09	2.52E-08
5060	481363.09	3863877.25	3.32E-05	4.06E-05	3.57E-05	1.15E-08	3.47E-08	2.01E-08	2.46E-08	2.23E-08	1.02E-08	8.93E-09	3.84E-10	9.28E-09	2.05E-09	3.34E-09	5.30E-09	9.35E-10	4.69E-09	2.60E-08
5061	481863.09	3863877.25	3.43E-05	4.20E-05	3.69E-05	1.19E-08	3.59E-08	2.08E-08	2.55E-08	2.31E-08	1.05E-08	9.24E-09	3.97E-10	9.59E-09	2.12E-09	3.46E-09	5.48E-09	9.66E-10	4.85E-09	2.69E-08
5062	482363.09	3863877.25	3.54E-05	4.34E-05	3.81E-05	1.23E-08	3.71E-08	2.15E-08	2.63E-08	2.38E-08	1.09E-08	9.54E-09	4.10E-10	9.91E-09	2.19E-09	3.57E-09	5.66E-09	9.98E-10	5.01E-09	2.77E-08
5063	482863.09	3863877.25	3.61E-05	4.42E-05	3.88E-05	1.25E-08	3.78E-08	2.19E-08	2.68E-08	2.43E-08	1.11E-08	9.72E-09	4.18E-10	1.01E-08	2.23E-09	3.64E-09	5.77E-09	1.02E-09	5.10E-09	2.83E-08
5064	483363.09	3863877.25	3.67E-05	4.49E-05	3.94E-05	1.27E-08	3.84E-08	2.22E-08	2.72E-08	2.47E-08	1.13E-08	9.87E-09	4.24E-10	1.03E-08	2.26E-09	3.69E-09	5.86E-09	1.03E-09	5.18E-09	2.87E-08
5065	483863.09	3863877.25	3.72E-05	4.56E-05	4.00E-05	1.29E-08	3.89E-08	2.25E-08	2.76E-08	2.50E-08	1.14E-08	1.00E-08	4.31E-10	1.04E-08	2.30E-09	3.75E-09	5.95E-09	1.05E-09	5.26E-09	2.91E-08
5066	484363.09	3863877.25	3.72E-05	4.56E-05	4.00E-05	1.29E-08	3.89E-08	2.25E-08	2.76E-08	2.50E-08	1.14E-08	1.00E-08	4.31E-10	1.04E-08	2.30E-09	3.75E-09	5.95E-09	1.05E-09	5.26E-09	2.91E-08
5067	484863.09	3863877.25	3.71E-05	4.54E-05	3.99E-05	1.29E-08	3.88E-08	2.25E-08	2.75E-08	2.49E-08	1.14E-08	9.99E-09	4.29E-10	1.04E-08	2.29E-09	3.74E-09	5.93E-09	1.04E-09	5.24E-09	2.90E-08
5068	485363.09	3863877.25	3.69E-05	4.52E-05	3.96E-05	1.28E-08	3.86E-08	2.23E-08	2.74E-08	2.48E-08	1.13E-08	9.92E-09	4.27E-10	1.03E-08	2.27E-09	3.71E-09	5.89E-09	1.04E-09	5.21E-09	2.89E-08
5069	485863.09	3863877.25	3.67E-05	4.50E-05	3.95E-05	1.27E-08	3.84E-08	2.23E-08	2.73E-08	2.47E-08	1.13E-08	9.89E-09	4.25E-10	1.03E-08	2.27E-09	3.70E-09	5.87E-09	1.03E-09	5.19E-09	2.88E-08
5070	486363.09	3863877.25	3.62E-05	4.44E-05	3.89E-05	1.26E-08	3.79E-08	2.19E-08	2.69E-08	2.44E-08	1.11E-08	9.75E-09	4.19E-10	1.01E-08	2.23E-09	3.65E-09	5.79E-09	1.02E-09	5.12E-09	2.84E-08
5071	486863.09	3863877.25	3.60E-05	4.41E-05	3.86E-05	1.25E-08	3.77E-08	2.18E-08	2.67E-08	2.42E-08	1.10E-08	9.68E-09	4.16E-10	1.01E-08	2.22E-09	3.62E-09	5.75E-09	1.01E-09	5.08E-09	2.82E-08
5072	487363.09	3863877.25	3.57E-05	4.37E-05	3.84E-05	1.24E-08	3.74E-08	2.16E-08	2.65E-08	2.40E-08	1.10E-08	9.61E-09	4.13E-10	9.98E-09	2.20E-09	3.60E-09	5.70E-09	1.01E-09	5.04E-09	2.79E-08
5073	487863.09	3863877.25	3.54E-05	4.33E-05	3.80E-05	1.23E-08	3.70E-08	2.14E-08	2.62E-08	2.38E-08	1.09E-08	9.52E-09	4.09E-10	9.89E-09	2.18E-09	3.56E-09	5.65E-09	9.96E-10	5.00E-09	2.77E-08
5074	488363.09	3863877.25	3.53E-05	4.32E-05	3.79E-05	1.22E-08	3.69E-08	2.14E-08	2.62E-08	2.37E-08	1.08E-08	9.50E-09	4.08E-10	9.87E-09	2.18E-09	3.55E-09	5.64E-09	9.94E-10	4.99E-09	2.76E-08
5075	488863.09	3863877.25	3.51E-05	4.30E-05	3.77E-05	1.22E-08	3.67E-08	2.13E-08	2.60E-08	2.36E-08	1.08E-08	9.45E-09	4.06E-10	9.81E-09	2.17E-09	3.54E-09	5.61E-09	9.89E-10	4.96E-09	2.75E-08
5076	489363.09	3863877.25	3.47E-05	4.25E-05	3.73E-05	1.20E-08	3.63E-08	2.10E-08	2.58E-08	2.34E-08	1.07E-08	9.35E-09	4.02E-10	9.71E-09	2.14E-09	3.50E-09	5.55E-09	9.78E-10	4.91E-09	2.72E-08
5077	489863.09	3863877.25	3.45E-05	4.23E-05	3.71E-05	1.20E-08	3.61E-08	2.09E-08	2.56E-08	2.32E-08	1.06E-08	9.29E-09	4.00E-10	9.65E-09	2.13E-09	3.48E-09	5.52E-09	9.72E-10	4.88E-09	2.70E-08
5078	490363.09	3863877.25	3.45E-05	4.23E-05	3.71E-05	1.20E-08	3.61E-08	2.09E-08	2.56E-08	2.32E-08	1.06E-08	9.29E-09	3.99E-10	9.65E-09	2.13E-09	3.48E-09	5.52E-09	9.72E-10	4.88E-09	2.70E-08
5079	490863.09	3863877.25	3.48E-05	4.27E-05	3.74E-05	1.21E-08	3.64E-08	2.11E-08	2.58E-08	2.34E-08	1.07E-08	9.37E-09	4.03E-10	9.74E-09	2.15E-09	3.51E-09	5.57E-09	9.81E-10	4.92E-09	2.73E-08
5080	491363.09	3863877.25	3.52E-05	4.31E-05	3.78E-05	1.22E-08	3.68E-08	2.13E-08	2.61E-08	2.37E-08	1.08E-08	9.47E-09	4.07E-10	9.84E-09	2.17E-09	3.55E-09	5.63E-09	9.91E-10	4.97E-09	2.76E-08
5081	491863.09	3863877.25	3.65E-05	4.46E-05	3.92E-05	1.26E-08	3.81E-08	2.21E-08	2.70E-08	2.45E-08	1.12E-08	9.81E-09	4.22E-10	1.02E-08	2.25E-09	3.67E-09	5.83E-09	1.03E-09	5.15E-09	2.85E-08
5082	492363.09	3863877.25	3.74E-05	4.58E-05	4.02E-05	1.30E-08	3.91E-08	2.27E-08	2.77E-08	2.52E-08	1.15E-08	1.01E-08	4.33E-10	1.05E-08	2.31E-09	3.77E-09	5.98E-09	1.05E-09	5.28E-09	2.93E-08
5083	492863.09	3863877.25	3.75E-05	4.59E-05	4.02E-05	1.30E-08	3.92E-08	2.27E-08	2.78E-08	2.52E-08	1.15E-08	1.01E-08	4.34E-10	1.05E-08	2.31E-09	3.77E-09	5.99E-09	1.06E-09	5.29E-09	2.93E-08
5084	493363.09	3863877.25	3.75E-05	4.60E-05	4.03E-05	1.30E-08	3.93E-08	2.27E-08	2.78E-08	2.52E-08	1.15E-08	1.01E-08	4.34E-10	1.05E-08	2.31E-09	3.78E-09	6.00E-09	1.06E-09	5.30E-09	2.94E-08
5085	493863.09	3863877.25	3.84E-05	4.71E-05	4.13E-05	1.33E-08	4.02E-08	2.33E-08	2.85E-08	2.58E-08	1.18E-08	1.03E-08	4.45E-10	1.07E-08	2.37E-09	3.87E-09	6.14E-09	1.08E-09	5.42E-09	3.01E-08
5086	494363.09	3863877.25	3.82E-05	4.67E-05	4.10E-05	1.32E-08	3.99E-08	2.31E-08	2.83E-08	2.57E-08	1.17E-08	1.03E-08	4.42E-10	1.07E-08	2.35E-09	3.84E-09	6.10E-09	1.07E-09	5.39E-09	2.99E-08
5087	494863.09	3863877.25	3.67E-05	4.50E-05	3.94E-05	1.27E-08	3.84E-08	2.23E-08	2.73E-08	2.47E-08	1.13E-08	9.88E-09	4.25E-10	1.03E-08	2.27E-09	3.70E-09	5.87E-09	1.03E-09	5.19E-09	2.88E-08
5088	495363.09	3863877.25	3.52E-05	4.31E-05	3.77E-05	1.22E-08	3.68E-08	2.13E-08	2.61E-08	2.36E-08	1.08E-08	9.46E-09	4.07E-10	9.83E-09	2.17E-09	3.54E-09	5.62E-09	9.90E-10	4.96E-09	2.75E-08
5089	495863.09	3863877.25	3.41E-05	4.18E-05	3.66E-05	1.18E-08	3.57E-08	2.07E-08	2.53E-08	2.29E-08	1.05E-08	9.18E-09	3.95E-10	9.53E-09	2.10E-09	3.44E-09	5.45E-09	9.61E-10	4.82E-09	2.67E-08
5090	496363.09	3863877.25	3.31E-05	4.06E-05	3.56E-05	1.15E-08	3.47E-08	2.01E-08	2.46E-08	2.23E-08	1.02E-08	8.91E-09	3.83E-10	9.26E-09	2.04E-09	3.34E-09	5.29E-09	9.33E-10	4.68E-09	2.59E-08
5091	496863.09	3863877.25	3.25E-05	3.98E-05	3.49E-05	1.12E-08	3.40E-08	1.97E-08	2.41E-08	2.18E-08	9.96E-09	8.73E-09	3.76E-10	9.07E-09	2.00E-09	3.27E-09	5.19E-09	9.14E-10	4.58E-09	2.54E-08
5092	497363.09	3863877.25	3.22E-05	3.94E-05	3.45E-05	1.11E-08	3.36E-08	1.95E-08	2.39E-08	2.16E-08	9.87E-09	8.65E-09	3.72E-10	8.99E-09	1.98E-09	3.24E-09	5.14E-09	9.05E-10	4.54E-09	2.52E-08
5093	497863.09	3863877.25	3.23E-05	3.95E-05	3.47E-05	1.12E-08	3.38E-08	1.96E-08	2.39E-08	2.17E-08	9.91E-09	8.68E-09	3.74E-10	9.02E-09	1.99E-09	3.25E-09	5.16E-09	9.09E-10	4.56E-09	2.53E-08
5094	498363.09	3863877.25	3.25E-05	3.98E-05	3.49E-05	1.13E-08	3.40E-08	1.97E-08	2.41E-08	2.19E-08	9.97E-09	8.74E-09	3.76E-10	9.08E-09	2.00E-09	3.27E-09	5.19E-09	9.15E-10	4.59E-09	2.54E-08
5095	471363.09	3864377.25	1.61E-05	1.98E-05	1.73E-05	5.59E-09	1.69E-08	9.77E-09	1.20E-08	1.08E-08	4.95E-09	4.34E-09	1.87E-10	4.51E-09	9.95E-10	1.62E-09	2.58E-09	4.54E-10	2.28E-09	1.26E-08
5096	471863.09	3864377.25	1.66E-05	2.03E-05	1.78E-05	5.75E-09	1.74E-08	1.00E-08	1.23E-08	1.12E-08	5.09E-09	4.46E-09	1.92E-10	4.64E-09	1.02E-09	1.67E-09	2.65E-09	4.67E-10	2.34E-09	1.30E-08
5097	472363.09	3864377.25	1.70E-05	2.09E-05	1.83E-05	5.91E-09	1.78E-08	1.03E-08	1.26E-08	1.15E-08	5.23E-09	4.59E-09	1.97E-10	4.76E-09	1.05E-09	1.72E-09	2.72E-09	4.80E-10	2.41E-09	1.33E-08
5098	472863.09	3864377.25	1.75E-05	2.14E-05	1.88E-05	6.06E-09	1.83E-08	1.06E-08	1.30E-08	1.18E-08	5.37E-09	4.71E-09	2.03E-10	4.89E-09	1.08E-09	1.76E-09	2.80E-09	4.93E-10	2.47E-09	1.37E-08
5099	473363.09	3864377.25	1.79E-05	2.19E-05	1.92E-05	6.21E-09	1.87E-08	1.09E-08	1.33E-08	1.21E-08	5.50E-09	4.82E-09	2.07E-10	5.01E-09	1.11E-09	1.80E-09	2.86E-09	5.05E-10	2.53E-09	1.40E-08
5100	473863.09	3864377.25	1.83E-05	2.25E-05	1.97E-05	6.35E-09	1.92E-08	1.11E-08	1.36E-08	1.23E-08	5.63E-09	4.93E-09	2.12E-10	5.13E-09	1.13E-09	1.85E-09	2.93E-09	5.16E-10	2.59E-09	1.43E-08
5101	474363.09	3864377.25	1.88E-05	2.30E-05	2.02E-05	6.52E-09	1.97E-08	1.14E-08	1.40E-08	1.27E-08	5.77E-09	5.06E-09	2.18E-10	5.26E-09	1.16E-09	1.90E-09	3.01E-09	5.30E-10	2.66E-09	1.47E-08
5102	474863.09	3864377.25	1.93E-05	2.36E-05	2.07E-05	6.68E-09	2.02E-08	1.17E-08	1.43E-08	1.30E-08	5.92E-09	5.19E-09	2.23E-10	5.39E-09	1.19E-09	1.94E-09	3.08E-09	5.43E-10	2.72E-09	1.51E-08
5103	475363.09	3864377.25	1.99E-05	2.44E-05	2.14E-05	6.90E-09	2.08E-08	1.21E-08	1.48E-08	1.34E-08	6.11E-09	5.36E-09	2.30E-10	5.57E-09	1.23E-09	2.01E-09	3.18E-09	5.61E-10	2.81E-09	1.56E-08
5104	475863.09	3864377.25	2.06E-05	2.52E-05	2.21E-05	7.14E-09	2.16E-08	1.25E-08	1.53E-08	1.39E-08	6.33E-09	5.55E-09	2.39E-10	5.76E-09	1.27E-09	2.08E-09	3.29E-09	5.81E-10	2.91E-09	1.61E-08
5105	476363.09	3864377.25	2.15E-05	2.63E-05	2.31E-05	7.44E-09	2.25E-08	1.30E-08	1.59E-08	1.44E-08	6.59E-09	5.78E-09	2.48E-10	6.00E-09	1.32E-09	2.16E-09	3.43E-09	6.05E-10	3.03E-09	1.68E-08
5106	476863.09	3864377.25	2.24E-05	2.74E-05	2.40E-05	7.76E-09	2.34E-08	1.36E-08	1.66E-08	1.51E-08	6.87E-09	6.02E-09	2.59E-10	6.26E-09	1.38E-09	2.25E-09	3.58E-09	6.30E-10	3.16E-09	1.75E-08
5107	477363.09	3864377.25	2.32E-05	2.84E-05	2.49E-05	8.04E-09	2.43E-08	1.41E-08	1.72E-08	1.56E-08	7.12E-09	6.25E-09	2.69E-10	6.49E-09	1.43E-09	2.34E-09	3.71E-09	6.53E-10	3.28E-09	1.82E-08
5108	477863.09	3864377.25	2.41E-05	2.95E-05	2.59E-05	8.35E-09	2.52E-08	1.46E-08	1.79E-08	1.62E-08	7.40E-09	6.49E-09	2.79E-10	6.74E-09	1.49E-09	2.43E-09	3.85E-09	6.79E-10	3.41E-09	1.89E-08

5109	478363.09	3864377.25	2.51E-05	3.07E-05	2.69E-05	8.69E-09	2.62E-08	1.52E-08	1.86E-08	1.69E-08	7.69E-09	6.75E-09	2.90E-10	7.01E-09	1.55E-09	2.53E-09	4.01E-09	7.06E-10	3.54E-09	1.96E-08
5110	478863.09	3864377.25	2.61E-05	3.19E-05	2.80E-05	9.03E-09	2.73E-08	1.58E-08	1.93E-08	1.75E-08	8.00E-09	7.01E-09	3.02E-10	7.28E-09	1.61E-09	2.62E-09	4.16E-09	7.34E-10	3.68E-09	2.04E-08
5111	479363.09	3864377.25	2.69E-05	3.30E-05	2.89E-05	9.34E-09	2.82E-08	1.63E-08	2.00E-08	1.81E-08	8.27E-09	7.25E-09	3.12E-10	7.53E-09	1.66E-09	2.71E-09	4.31E-09	7.59E-10	3.81E-09	2.11E-08
5112	479863.09	3864377.25	2.79E-05	3.42E-05	3.00E-05	9.68E-09	2.92E-08	1.69E-08	2.07E-08	1.88E-08	8.58E-09	7.52E-09	3.23E-10	7.81E-09	1.72E-09	2.82E-09	4.47E-09	7.87E-10	3.95E-09	2.19E-08
5113	480363.09	3864377.25	2.89E-05	3.54E-05	3.11E-05	1.00E-08	3.03E-08	1.75E-08	2.15E-08	1.94E-08	8.87E-09	7.78E-09	3.35E-10	8.08E-09	1.78E-09	2.91E-09	4.62E-09	8.14E-10	4.09E-09	2.26E-08
5114	480863.09	3864377.25	2.96E-05	3.62E-05	3.18E-05	1.03E-08	3.10E-08	1.79E-08	2.20E-08	1.99E-08	9.08E-09	7.97E-09	3.42E-10	8.27E-09	1.83E-09	2.98E-09	4.73E-09	8.33E-10	4.18E-09	2.32E-08
5115	481363.09	3864377.25	3.04E-05	3.73E-05	3.27E-05	1.05E-08	3.18E-08	1.84E-08	2.26E-08	2.05E-08	9.34E-09	8.19E-09	3.52E-10	8.51E-09	1.88E-09	3.06E-09	4.86E-09	8.57E-10	4.30E-09	2.38E-08
5116	481863.09	3864377.25	3.14E-05	3.85E-05	3.37E-05	1.09E-08	3.29E-08	1.90E-08	2.33E-08	2.11E-08	9.63E-09	8.45E-09	3.63E-10	8.78E-09	1.94E-09	3.16E-09	5.02E-09	8.84E-10	4.43E-09	2.46E-08
5117	482363.09	3864377.25	3.22E-05	3.94E-05	3.46E-05	1.11E-08	3.37E-08	1.95E-08	2.39E-08	2.16E-08	9.87E-09	8.66E-09	3.72E-10	8.99E-09	1.98E-09	3.24E-09	5.14E-09	9.06E-10	4.54E-09	2.52E-08
5118	482863.09	3864377.25	3.27E-05	4.01E-05	3.52E-05	1.13E-08	3.43E-08	1.98E-08	2.43E-08	2.20E-08	1.00E-08	8.81E-09	3.79E-10	9.15E-09	2.02E-09	3.30E-09	5.23E-09	9.22E-10	4.62E-09	2.56E-08
5119	483363.09	3864377.25	3.31E-05	4.06E-05	3.56E-05	1.15E-08	3.47E-08	2.01E-08	2.46E-08	2.23E-08	1.02E-08	8.92E-09	3.84E-10	9.26E-09	2.04E-09	3.34E-09	5.30E-09	9.33E-10	4.68E-09	2.59E-08
5120	483863.09	3864377.25	3.34E-05	4.09E-05	3.59E-05	1.16E-08	3.50E-08	2.02E-08	2.48E-08	2.25E-08	1.03E-08	8.99E-09	3.87E-10	9.34E-09	2.06E-09	3.37E-09	5.34E-09	9.41E-10	4.72E-09	2.61E-08
5121	484363.09	3864377.25	3.35E-05	4.10E-05	3.60E-05	1.16E-08	3.50E-08	2.03E-08	2.48E-08	2.25E-08	1.03E-08	9.01E-09	3.87E-10	9.35E-09	2.06E-09	3.37E-09	5.35E-09	9.42E-10	4.73E-09	2.62E-08
5122	484863.09	3864377.25	3.33E-05	4.07E-05	3.57E-05	1.15E-08	3.48E-08	2.01E-08	2.47E-08	2.24E-08	1.02E-08	8.95E-09	3.85E-10	9.30E-09	2.05E-09	3.35E-09	5.31E-09	9.37E-10	4.70E-09	2.60E-08
5123	485363.09	3864377.25	3.31E-05	4.05E-05	3.56E-05	1.15E-08	3.46E-08	2.01E-08	2.46E-08	2.23E-08	1.02E-08	8.91E-09	3.83E-10	9.25E-09	2.04E-09	3.33E-09	5.29E-09	9.32E-10	4.68E-09	2.59E-08
5124	485863.09	3864377.25	3.28E-05	4.02E-05	3.53E-05	1.14E-08	3.44E-08	1.99E-08	2.44E-08	2.21E-08	1.01E-08	8.84E-09	3.80E-10	9.18E-09	2.03E-09	3.31E-09	5.25E-09	9.25E-10	4.64E-09	2.57E-08
5125	486363.09	3864377.25	3.25E-05	3.98E-05	3.49E-05	1.13E-08	3.40E-08	1.97E-08	2.41E-08	2.19E-08	9.98E-09	8.75E-09	3.76E-10	9.09E-09	2.01E-09	3.28E-09	5.20E-09	9.16E-10	4.59E-09	2.55E-08
5126	486863.09	3864377.25	3.24E-05	3.96E-05	3.48E-05	1.12E-08	3.39E-08	1.96E-08	2.40E-08	2.18E-08	9.93E-09	8.71E-09	3.74E-10	9.05E-09	2.00E-09	3.26E-09	5.17E-09	9.11E-10	4.57E-09	2.53E-08
5127	487363.09	3864377.25	3.22E-05	3.94E-05	3.46E-05	1.12E-08	3.37E-08	1.95E-08	2.39E-08	2.16E-08	9.87E-09	8.66E-09	3.72E-10	8.99E-09	1.98E-09	3.24E-09	5.14E-09	9.06E-10	4.55E-09	2.52E-08
5128	487863.09	3864377.25	3.19E-05	3.91E-05	3.43E-05	1.11E-08	3.34E-08	1.93E-08	2.37E-08	2.15E-08	9.79E-09	8.59E-09	3.69E-10	8.92E-09	1.97E-09	3.21E-09	5.10E-09	8.99E-10	4.51E-09	2.50E-08
5129	488363.09	3864377.25	3.18E-05	3.89E-05	3.42E-05	1.10E-08	3.33E-08	1.93E-08	2.36E-08	2.14E-08	9.76E-09	8.56E-09	3.68E-10	8.89E-09	1.96E-09	3.20E-09	5.08E-09	8.95E-10	4.49E-09	2.49E-08
5130	488863.09	3864377.25	3.17E-05	3.89E-05	3.41E-05	1.10E-08	3.32E-08	1.92E-08	2.35E-08	2.13E-08	9.74E-09	8.54E-09	3.67E-10	8.87E-09	1.96E-09	3.20E-09	5.07E-09	8.94E-10	4.48E-09	2.48E-08
5131	489363.09	3864377.25	3.14E-05	3.85E-05	3.37E-05	1.09E-08	3.29E-08	1.90E-08	2.33E-08	2.11E-08	9.64E-09	8.45E-09	3.64E-10	8.78E-09	1.94E-09	3.16E-09	5.02E-09	8.85E-10	4.44E-09	2.46E-08
5132	489863.09	3864377.25	3.12E-05	3.82E-05	3.35E-05	1.08E-08	3.26E-08	1.89E-08	2.31E-08	2.10E-08	9.57E-09	8.39E-09	3.61E-10	8.71E-09	1.92E-09	3.14E-09	4.98E-09	8.78E-10	4.40E-09	2.44E-08
5133	490363.09	3864377.25	3.11E-05	3.81E-05	3.34E-05	1.08E-08	3.25E-08	1.88E-08	2.31E-08	2.09E-08	9.54E-09	8.37E-09	3.60E-10	8.69E-09	1.92E-09	3.13E-09	4.97E-09	8.75E-10	4.39E-09	2.43E-08
5134	490863.09	3864377.25	3.14E-05	3.85E-05	3.38E-05	1.09E-08	3.29E-08	1.90E-08	2.33E-08	2.11E-08	9.64E-09	8.46E-09	3.64E-10	8.78E-09	1.94E-09	3.17E-09	5.02E-09	8.85E-10	4.44E-09	2.46E-08
5135	491363.09	3864377.25	3.30E-05	4.04E-05	3.54E-05	1.14E-08	3.45E-08	2.00E-08	2.45E-08	2.22E-08	1.01E-08	8.88E-09	3.82E-10	9.22E-09	2.03E-09	3.32E-09	5.27E-09	9.29E-10	4.66E-09	2.58E-08
5136	491863.09	3864377.25	2.38E-05	2.92E-05	2.56E-05	8.26E-09	2.49E-08	1.44E-08	1.77E-08	1.60E-08	7.32E-09	6.41E-09	2.76E-10	6.66E-09	1.47E-09	2.40E-09	3.81E-09	6.71E-10	3.37E-09	1.87E-08
5137	492363.09	3864377.25	3.27E-05	4.00E-05	3.51E-05	1.13E-08	3.42E-08	1.98E-08	2.42E-08	2.20E-08	1.00E-08	8.79E-09	3.78E-10	9.13E-09	2.02E-09	3.29E-09	5.22E-09	9.20E-10	4.61E-09	2.56E-08
5138	492863.09	3864377.25	2.79E-05	3.41E-05	2.99E-05	9.65E-09	2.92E-08	1.69E-08	2.07E-08	1.87E-08	8.55E-09	7.50E-09	3.22E-10	7.79E-09	1.72E-09	2.81E-09	4.45E-09	7.85E-10	3.93E-09	2.18E-08
5139	493363.09	3864377.25	3.15E-05	3.85E-05	3.38E-05	1.09E-08	3.29E-08	1.91E-08	2.33E-08	2.12E-08	9.65E-09	8.46E-09	3.64E-10	8.79E-09	1.94E-09	3.17E-09	5.03E-09	8.86E-10	4.44E-09	2.46E-08
5140	493863.09	3864377.25	3.33E-05	4.07E-05	3.57E-05	1.15E-08	3.48E-08	2.02E-08	2.47E-08	2.24E-08	1.02E-08	8.95E-09	3.85E-10	9.30E-09	2.05E-09	3.35E-09	5.32E-09	9.37E-10	4.70E-09	2.60E-08
5141	494363.09	3864377.25	3.46E-05	4.23E-05	3.71E-05	1.20E-08	3.62E-08	2.09E-08	2.56E-08	2.32E-08	1.06E-08	9.30E-09	4.00E-10	9.66E-09	2.13E-09	3.48E-09	5.52E-09	9.73E-10	4.88E-09	2.70E-08
5142	494863.09	3864377.25	3.44E-05	4.22E-05	3.70E-05	1.19E-08	3.60E-08	2.09E-08	2.55E-08	2.32E-08	1.06E-08	9.26E-09	3.98E-10	9.62E-09	2.12E-09	3.47E-09	5.50E-09	9.70E-10	4.86E-09	2.69E-08
5143	495363.09	3864377.25	3.33E-05	4.07E-05	3.57E-05	1.15E-08	3.48E-08	2.02E-08	2.47E-08	2.24E-08	1.02E-08	8.95E-09	3.85E-10	9.30E-09	2.05E-09	3.35E-09	5.32E-09	9.37E-10	4.70E-09	2.60E-08
5144	495863.09	3864377.25	3.19E-05	3.90E-05	3.42E-05	1.10E-08	3.33E-08	1.93E-08	2.36E-08	2.14E-08	9.78E-09	8.57E-09	3.69E-10	8.91E-09	1.97E-09	3.21E-09	5.09E-09	8.97E-10	4.50E-09	2.49E-08
5145	496363.09	3864377.25	3.07E-05	3.76E-05	3.30E-05	1.06E-08	3.21E-08	1.86E-08	2.28E-08	2.07E-08	9.42E-09	8.26E-09	3.55E-10	8.59E-09	1.89E-09	3.09E-09	4.91E-09	8.65E-10	4.34E-09	2.40E-08
5146	496863.09	3864377.25	3.00E-05	3.68E-05	3.22E-05	1.04E-08	3.14E-08	1.82E-08	2.23E-08	2.02E-08	9.21E-09	8.07E-09	3.47E-10	8.39E-09	1.85E-09	3.02E-09	4.79E-09	8.45E-10	4.24E-09	2.35E-08
5147	497363.09	3864377.25	2.94E-05	3.61E-05	3.16E-05	1.02E-08	3.08E-08	1.78E-08	2.18E-08	1.98E-08	9.03E-09	7.92E-09	3.41E-10	8.23E-09	1.82E-09	2.97E-09	4.70E-09	8.29E-10	4.16E-09	2.30E-08
5148	497863.09	3864377.25	2.95E-05	3.61E-05	3.17E-05	1.02E-08	3.09E-08	1.79E-08	2.19E-08	1.98E-08	9.05E-09	7.93E-09	3.41E-10	8.24E-09	1.82E-09	2.97E-09	4.71E-09	8.30E-10	4.16E-09	2.31E-08
5149	498363.09	3864377.25	2.91E-05	3.56E-05	3.12E-05	1.01E-08	3.04E-08	1.76E-08	2.16E-08	1.96E-08	8.92E-09	7.82E-09	3.36E-10	8.13E-09	1.79E-09	2.93E-09	4.65E-09	8.19E-10	4.11E-09	2.28E-08
5150	471363.09	3864877.25	1.54E-05	1.88E-05	1.65E-05	5.33E-09	1.61E-08	9.31E-09	1.14E-08	1.03E-08	4.72E-09	4.13E-09	1.78E-10	4.30E-09	9.48E-10	1.55E-09	2.46E-09	4.33E-10	2.17E-09	1.20E-08
5151	471863.09	3864877.25	1.58E-05	1.93E-05	1.69E-05	5.46E-09	1.65E-08	9.55E-09	1.17E-08	1.06E-08	4.84E-09	4.24E-09	1.82E-10	4.41E-09	9.72E-10	1.59E-09	2.52E-09	4.44E-10	2.23E-09	1.23E-08
5152	472363.09	3864877.25	1.61E-05	1.98E-05	1.73E-05	5.60E-09	1.69E-08	9.78E-09	1.20E-08	1.09E-08	4.95E-09	4.34E-09	1.87E-10	4.51E-09	9.96E-10	1.63E-09	2.58E-09	4.55E-10	2.28E-09	1.26E-08
5153	472863.09	3864877.25	1.65E-05	2.02E-05	1.77E-05	5.72E-09	1.73E-08	1.00E-08	1.22E-08	1.11E-08	5.07E-09	4.44E-09	1.91E-10	4.61E-09	1.02E-09	1.66E-09	2.64E-09	4.65E-10	2.33E-09	1.29E-08
5154	473363.09	3864877.25	1.68E-05	2.06E-05	1.81E-05	5.83E-09	1.76E-08	1.02E-08	1.25E-08	1.13E-08	5.17E-09	4.53E-09	1.95E-10	4.71E-09	1.04E-09	1.70E-09	2.69E-09	4.74E-10	2.38E-09	1.32E-08
5155	473863.09	3864877.25	1.72E-05	2.11E-05	1.85E-05	5.96E-09	1.80E-08	1.04E-08	1.28E-08	1.16E-08	5.28E-09	4.63E-09	1.99E-10	4.81E-09	1.06E-09	1.73E-09	2.75E-09	4.85E-10	2.43E-09	1.35E-08
5156	474363.09	3864877.25	1.76E-05	2.16E-05	1.90E-05	6.12E-09	1.85E-08	1.07E-08	1.31E-08	1.19E-08	5.42E-09	4.75E-09	2.04E-10	4.93E-09	1.09E-09	1.78E-09	2.82E-09	4.97E-10	2.49E-09	1.38E-08
5157	474863.09	3864877.25	1.82E-05	2.22E-05	1.95E-05	6.29E-09	1.90E-08	1.10E-08	1.35E-08	1.22E-08	5.57E-09	4.89E-09	2.10E-10	5.08E-09	1.12E-09	1.83E-09	2.90E-09	5.12E-10	2.57E-09	1.42E-08
5158	475363.09	3864877.25	1.88E-05	2.30E-05	2.02E-05	6.51E-09	1.97E-08	1.14E-08	1.39E-08	1.26E-08	5.76E-09	5.06E-09	2.17E-10	5.25E-09	1.16E-09	1.89E-09	3.00E-09	5.29E-10	2.65E-09	1.47E-08
5159	475863.09	3864877.25	1.95E-05	2.38E-05	2.09E-05	6.75E-09	2.04E-08	1.18E-08	1.44E-08	1.31E-08	5.97E-09	5.24E-09	2.25E-10	5.44E-09	1.20E-09	1.96E-09	3.11E-09	5.48E-10	2.75E-09	1.52E-08
5160	476363.09	3864877.25	2.02E-05	2.48E-05	2.17E-05	7.02E-09	2.12E-08	1.23E-08	1.50E-08	1.36E-08	6.21E-09	5.45E-09	2.34E-10	5.66E-09	1.25E-09	2.04E-09	3.24E-09	5.70E-10	2.86E-09	1.58E-08
5161	476863.09	3864877.25	2.11E-05	2.59E-05	2.27E-05	7.31E-09	2.21E-08	1.28E-08	1.57E-08	1.42E-08	6.48E-09	5.68E-09	2.44E-10	5.90E-09	1.30E-09	2.13E-09	3.37E-09	5.94E-10	2.98E-09	1.65E-08
5162	477363.09	3864877.25	2.18E-05	2.67E-05	2.34E-05	7.56E-09	2.28E-08	1.32E-08	1.62E-08	1.47E-08	6.69E-09	5.87E-09	2.52E-10	6.10E-09	1.35E-09	2.20E-09	3.49E-09	6.14E-10	3.08E-09	1.71E-08
5163	477863.09	3864877.25	2.26E-05	2.77E-05	2.43E-05	7.83E-09	2.37E-08	1.37E-08	1.68E-08	1.52E-08	6.94E-09	6.08E-09	2.62E-10	6.32E-09	1.39E-09	2.28E-09	3.61E-09	6.37E-10	3.19E-09	1.77E-08

5164	478363.09	3864877.25	2.34E-05	2.87E-05	2.52E-05	8.11E-09	2.45E-08	1.42E-08	1.74E-08	1.57E-08	7.19E-09	6.30E-09	2.71E-10	6.55E-09	1.44E-09	2.36E-09	3.74E-09	6.59E-10	3.31E-09	1.83E-08
5165	478863.09	3864877.25	2.42E-05	2.97E-05	2.60E-05	8.40E-09	2.54E-08	1.47E-08	1.80E-08	1.63E-08	7.44E-09	6.53E-09	2.81E-10	6.78E-09	1.50E-09	2.44E-09	3.87E-09	6.83E-10	3.42E-09	1.90E-08
5166	479363.09	3864877.25	2.51E-05	3.07E-05	2.70E-05	8.70E-09	2.63E-08	1.52E-08	1.86E-08	1.69E-08	7.70E-09	6.75E-09	2.90E-10	7.01E-09	1.55E-09	2.53E-09	4.01E-09	7.07E-10	3.54E-09	1.96E-08
5167	479863.09	3864877.25	2.59E-05	3.17E-05	2.78E-05	8.98E-09	2.71E-08	1.57E-08	1.92E-08	1.74E-08	7.95E-09	6.98E-09	3.00E-10	7.24E-09	1.60E-09	2.61E-09	4.14E-09	7.30E-10	3.66E-09	2.03E-08
5168	480363.09	3864877.25	2.67E-05	3.27E-05	2.87E-05	9.26E-09	2.80E-08	1.62E-08	1.98E-08	1.80E-08	8.20E-09	7.20E-09	3.09E-10	7.47E-09	1.65E-09	2.69E-09	4.27E-09	7.53E-10	3.78E-09	2.09E-08
5169	480863.09	3864877.25	2.73E-05	3.35E-05	2.93E-05	9.47E-09	2.86E-08	1.65E-08	2.03E-08	1.84E-08	8.38E-09	7.35E-09	3.16E-10	7.64E-09	1.68E-09	2.75E-09	4.36E-09	7.69E-10	3.86E-09	2.14E-08
5170	481363.09	3864877.25	2.80E-05	3.43E-05	3.01E-05	9.71E-09	2.93E-08	1.70E-08	2.08E-08	1.89E-08	8.60E-09	7.55E-09	3.24E-10	7.84E-09	1.73E-09	2.82E-09	4.48E-09	7.89E-10	3.96E-09	2.19E-08
5171	481863.09	3864877.25	2.87E-05	3.51E-05	3.08E-05	9.95E-09	3.00E-08	1.74E-08	2.13E-08	1.93E-08	8.81E-09	7.72E-09	3.32E-10	8.02E-09	1.77E-09	2.89E-09	4.59E-09	8.08E-10	4.05E-09	2.25E-08
5172	482363.09	3864877.25	2.93E-05	3.59E-05	3.15E-05	1.02E-08	3.07E-08	1.78E-08	2.18E-08	1.97E-08	9.00E-09	7.90E-09	3.40E-10	8.20E-09	1.81E-09	2.96E-09	4.69E-09	8.26E-10	4.14E-09	2.30E-08
5173	482863.09	3864877.25	2.98E-05	3.65E-05	3.20E-05	1.03E-08	3.12E-08	1.81E-08	2.21E-08	2.01E-08	9.15E-09	8.03E-09	3.45E-10	8.34E-09	1.84E-09	3.00E-09	4.77E-09	8.40E-10	4.21E-09	2.33E-08
5174	483363.09	3864877.25	3.01E-05	3.69E-05	3.24E-05	1.04E-08	3.15E-08	1.83E-08	2.24E-08	2.03E-08	9.25E-09	8.11E-09	3.49E-10	8.43E-09	1.86E-09	3.04E-09	4.82E-09	8.49E-10	4.26E-09	2.36E-08
5175	483863.09	3864877.25	3.02E-05	3.70E-05	3.24E-05	1.05E-08	3.16E-08	1.83E-08	2.24E-08	2.03E-08	9.27E-09	8.13E-09	3.50E-10	8.44E-09	1.86E-09	3.04E-09	4.83E-09	8.51E-10	4.27E-09	2.36E-08
5176	484363.09	3864877.25	3.03E-05	3.71E-05	3.25E-05	1.05E-08	3.17E-08	1.83E-08	2.25E-08	2.04E-08	9.29E-09	8.15E-09	3.50E-10	8.46E-09	1.87E-09	3.05E-09	4.84E-09	8.52E-10	4.28E-09	2.37E-08
5177	484863.09	3864877.25	3.02E-05	3.70E-05	3.24E-05	1.05E-08	3.16E-08	1.83E-08	2.24E-08	2.03E-08	9.26E-09	8.13E-09	3.49E-10	8.44E-09	1.86E-09	3.04E-09	4.82E-09	8.50E-10	4.26E-09	2.36E-08
5178	485363.09	3864877.25	3.01E-05	3.68E-05	3.23E-05	1.04E-08	3.15E-08	1.82E-08	2.23E-08	2.02E-08	9.23E-09	8.10E-09	3.48E-10	8.41E-09	1.86E-09	3.03E-09	4.81E-09	8.47E-10	4.25E-09	2.35E-08
5179	485863.09	3864877.25	2.97E-05	3.64E-05	3.19E-05	1.03E-08	3.11E-08	1.80E-08	2.20E-08	2.00E-08	9.11E-09	7.99E-09	3.44E-10	8.30E-09	1.83E-09	2.99E-09	4.74E-09	8.36E-10	4.19E-09	2.32E-08
5180	486363.09	3864877.25	2.94E-05	3.60E-05	3.16E-05	1.02E-08	3.08E-08	1.78E-08	2.18E-08	1.98E-08	9.02E-09	7.91E-09	3.40E-10	8.22E-09	1.81E-09	2.96E-09	4.70E-09	8.28E-10	4.15E-09	2.30E-08
5181	486863.09	3864877.25	2.93E-05	3.58E-05	3.14E-05	1.01E-08	3.06E-08	1.77E-08	2.17E-08	1.97E-08	8.98E-09	7.88E-09	3.39E-10	8.18E-09	1.81E-09	2.95E-09	4.68E-09	8.24E-10	4.13E-09	2.29E-08
5182	487363.09	3864877.25	2.91E-05	3.56E-05	3.12E-05	1.01E-08	3.04E-08	1.76E-08	2.16E-08	1.95E-08	8.92E-09	7.82E-09	3.36E-10	8.12E-09	1.79E-09	2.93E-09	4.64E-09	8.18E-10	4.11E-09	2.27E-08
5183	487863.09	3864877.25	2.89E-05	3.54E-05	3.11E-05	1.00E-08	3.02E-08	1.75E-08	2.14E-08	1.94E-08	8.87E-09	7.78E-09	3.34E-10	8.08E-09	1.78E-09	2.91E-09	4.62E-09	8.14E-10	4.08E-09	2.26E-08
5184	488363.09	3864877.25	2.89E-05	3.54E-05	3.11E-05	1.00E-08	3.03E-08	1.75E-08	2.15E-08	1.95E-08	8.88E-09	7.79E-09	3.35E-10	8.08E-09	1.78E-09	2.91E-09	4.62E-09	8.15E-10	4.09E-09	2.26E-08
5185	488863.09	3864877.25	2.89E-05	3.54E-05	3.10E-05	1.00E-08	3.02E-08	1.75E-08	2.14E-08	1.94E-08	8.86E-09	7.77E-09	3.34E-10	8.07E-09	1.78E-09	2.91E-09	4.62E-09	8.13E-10	4.08E-09	2.26E-08
5186	489363.09	3864877.25	2.87E-05	3.51E-05	3.08E-05	9.93E-09	3.00E-08	1.74E-08	2.13E-08	1.93E-08	8.80E-09	7.71E-09	3.32E-10	8.01E-09	1.77E-09	2.89E-09	4.58E-09	8.07E-10	4.05E-09	2.24E-08
5187	489863.09	3864877.25	2.83E-05	3.47E-05	3.04E-05	9.82E-09	2.97E-08	1.72E-08	2.10E-08	1.91E-08	8.70E-09	7.63E-09	3.28E-10	7.92E-09	1.75E-09	2.85E-09	4.53E-09	7.98E-10	4.00E-09	2.22E-08
5188	490363.09	3864877.25	2.82E-05	3.46E-05	3.03E-05	9.79E-09	2.96E-08	1.71E-08	2.10E-08	1.90E-08	8.67E-09	7.60E-09	3.27E-10	7.90E-09	1.74E-09	2.85E-09	4.51E-09	7.96E-10	3.99E-09	2.21E-08
5189	490863.09	3864877.25	2.97E-05	3.64E-05	3.19E-05	1.03E-08	3.11E-08	1.80E-08	2.20E-08	2.00E-08	9.11E-09	7.99E-09	3.44E-10	8.30E-09	1.83E-09	2.99E-09	4.75E-09	8.36E-10	4.20E-09	2.32E-08
5190	491363.09	3864877.25	2.98E-05	3.64E-05	3.20E-05	1.03E-08	3.11E-08	1.80E-08	2.21E-08	2.00E-08	9.13E-09	8.01E-09	3.44E-10	8.32E-09	1.84E-09	3.00E-09	4.75E-09	8.38E-10	4.20E-09	2.33E-08
5191	491863.09	3864877.25	3.04E-05	3.72E-05	3.26E-05	1.05E-08	3.18E-08	1.84E-08	2.25E-08	2.04E-08	9.31E-09	8.17E-09	3.51E-10	8.48E-09	1.87E-09	3.06E-09	4.85E-09	8.55E-10	4.29E-09	2.38E-08
5192	492363.09	3864877.25	1.48E-05	1.81E-05	1.59E-05	5.13E-09	1.55E-08	8.97E-09	1.10E-08	9.96E-09	4.54E-09	3.98E-09	1.71E-10	4.14E-09	9.13E-10	1.49E-09	2.37E-09	4.17E-10	2.09E-09	1.16E-08
5193	492863.09	3864877.25	2.03E-05	2.48E-05	2.18E-05	7.02E-09	2.12E-08	1.23E-08	1.50E-08	1.36E-08	6.22E-09	5.45E-09	2.34E-10	5.66E-09	1.25E-09	2.04E-09	3.24E-09	5.71E-10	2.86E-09	1.59E-08
5194	493363.09	3864877.25	1.93E-05	2.36E-05	2.07E-05	6.68E-09	2.02E-08	1.17E-08	1.43E-08	1.30E-08	5.92E-09	5.19E-09	2.23E-10	5.39E-09	1.19E-09	1.94E-09	3.08E-09	5.43E-10	2.72E-09	1.51E-08
5195	493863.09	3864877.25	2.88E-05	3.53E-05	3.09E-05	9.97E-09	3.01E-08	1.74E-08	2.14E-08	1.94E-08	8.83E-09	7.74E-09	3.33E-10	8.05E-09	1.78E-09	2.90E-09	4.60E-09	8.11E-10	4.06E-09	2.25E-08
5196	494363.09	3864877.25	3.02E-05	3.70E-05	3.25E-05	1.05E-08	3.16E-08	1.83E-08	2.24E-08	2.03E-08	9.28E-09	8.14E-09	3.50E-10	8.45E-09	1.87E-09	3.05E-09	4.83E-09	8.52E-10	4.27E-09	2.37E-08
5197	494863.09	3864877.25	3.12E-05	3.82E-05	3.35E-05	1.08E-08	3.26E-08	1.89E-08	2.31E-08	2.10E-08	9.57E-09	8.39E-09	3.61E-10	8.72E-09	1.92E-09	3.14E-09	4.99E-09	8.79E-10	4.41E-09	2.44E-08
5198	495363.09	3864877.25	3.12E-05	3.82E-05	3.35E-05	1.08E-08	3.26E-08	1.89E-08	2.31E-08	2.10E-08	9.57E-09	8.39E-09	3.61E-10	8.72E-09	1.92E-09	3.14E-09	4.98E-09	8.78E-10	4.40E-09	2.44E-08
5199	495863.09	3864877.25	3.01E-05	3.69E-05	3.23E-05	1.04E-08	3.15E-08	1.82E-08	2.23E-08	2.03E-08	9.24E-09	8.10E-09	3.48E-10	8.42E-09	1.86E-09	3.03E-09	4.81E-09	8.48E-10	4.25E-09	2.36E-08
5200	496363.09	3864877.25	2.91E-05	3.56E-05	3.12E-05	1.01E-08	3.04E-08	1.76E-08	2.16E-08	1.95E-08	8.92E-09	7.82E-09	3.36E-10	8.12E-09	1.79E-09	2.93E-09	4.64E-09	8.18E-10	4.10E-09	2.27E-08
5201	496863.09	3864877.25	2.80E-05	3.43E-05	3.01E-05	9.71E-09	2.93E-08	1.70E-08	2.08E-08	1.89E-08	8.60E-09	7.54E-09	3.24E-10	7.84E-09	1.73E-09	2.82E-09	4.48E-09	7.89E-10	3.96E-09	2.19E-08
5202	497363.09	3864877.25	2.73E-05	3.34E-05	2.93E-05	9.45E-09	2.85E-08	1.65E-08	2.02E-08	1.83E-08	8.37E-09	7.34E-09	3.16E-10	7.63E-09	1.68E-09	2.75E-09	4.36E-09	7.68E-10	3.85E-09	2.14E-08
5203	497863.09	3864877.25	2.69E-05	3.30E-05	2.89E-05	9.33E-09	2.82E-08	1.63E-08	2.00E-08	1.81E-08	8.27E-09	7.25E-09	3.12E-10	7.53E-09	1.66E-09	2.71E-09	4.30E-09	7.59E-10	3.80E-09	2.11E-08
5204	498363.09	3864877.25	2.66E-05	3.26E-05	2.85E-05	9.21E-09	2.78E-08	1.61E-08	1.97E-08	1.79E-08	8.16E-09	7.15E-09	3.08E-10	7.43E-09	1.64E-09	2.68E-09	4.25E-09	7.49E-10	3.75E-09	2.08E-08
5205	471363.09	3865377.25	1.46E-05	1.79E-05	1.57E-05	5.05E-09	1.53E-08	8.83E-09	1.08E-08	9.81E-09	4.48E-09	3.92E-09	1.69E-10	4.08E-09	9.00E-10	1.47E-09	2.33E-09	4.11E-10	2.06E-09	1.14E-08
5206	471863.09	3865377.25	1.49E-05	1.83E-05	1.60E-05	5.17E-09	1.56E-08	9.03E-09	1.11E-08	1.00E-08	4.58E-09	4.01E-09	1.73E-10	4.17E-09	9.20E-10	1.50E-09	2.38E-09	4.20E-10	2.11E-09	1.17E-08
5207	472363.09	3865377.25	1.52E-05	1.87E-05	1.64E-05	5.28E-09	1.59E-08	9.22E-09	1.13E-08	1.02E-08	4.67E-09	4.10E-09	1.76E-10	4.26E-09	9.39E-10	1.53E-09	2.43E-09	4.29E-10	2.15E-09	1.19E-08
5208	472863.09	3865377.25	1.56E-05	1.91E-05	1.67E-05	5.40E-09	1.63E-08	9.43E-09	1.16E-08	1.05E-08	4.78E-09	4.19E-09	1.80E-10	4.35E-09	9.60E-10	1.57E-09	2.49E-09	4.38E-10	2.20E-09	1.22E-08
5209	473363.09	3865377.25	1.58E-05	1.94E-05	1.70E-05	5.49E-09	1.66E-08	9.60E-09	1.18E-08	1.07E-08	4.86E-09	4.27E-09	1.83E-10	4.43E-09	9.77E-10	1.60E-09	2.53E-09	4.46E-10	2.24E-09	1.24E-08
5210	473863.09	3865377.25	1.62E-05	1.99E-05	1.74E-05	5.62E-09	1.70E-08	9.82E-09	1.20E-08	1.09E-08	4.98E-09	4.37E-09	1.88E-10	4.53E-09	1.00E-09	1.63E-09	2.59E-09	4.57E-10	2.29E-09	1.27E-08
5211	474363.09	3865377.25	1.67E-05	2.04E-05	1.79E-05	5.77E-09	1.74E-08	1.01E-08	1.24E-08	1.12E-08	5.11E-09	4.49E-09	1.93E-10	4.66E-09	1.03E-09	1.68E-09	2.66E-09	4.69E-10	2.35E-09	1.30E-08
5212	474863.09	3865377.25	1.72E-05	2.11E-05	1.85E-05	5.97E-09	1.80E-08	1.04E-08	1.28E-08	1.16E-08	5.29E-09	4.64E-09	1.99E-10	4.82E-09	1.06E-09	1.74E-09	2.75E-09	4.85E-10	2.43E-09	1.35E-08
5213	475363.09	3865377.25	1.78E-05	2.18E-05	1.91E-05	6.17E-09	1.86E-08	1.08E-08	1.32E-08	1.20E-08	5.46E-09	4.79E-09	2.06E-10	4.98E-09	1.10E-09	1.79E-09	2.84E-09	5.01E-10	2.51E-09	1.39E-08
5214	475863.09	3865377.25	1.85E-05	2.26E-05	1.99E-05	6.41E-09	1.93E-08	1.12E-08	1.37E-08	1.24E-08	5.67E-09	4.97E-09	2.14E-10	5.17E-09	1.14E-09	1.86E-09	2.95E-09	5.21E-10	2.61E-09	1.45E-08
5215	476363.09	3865377.25	1.94E-05	2.38E-05	2.09E-05	6.73E-09	2.03E-08	1.18E-08	1.44E-08	1.31E-08	5.96E-09	5.23E-09	2.25E-10	5.43E-09	1.20E-09	1.96E-09	3.10E-09	5.47E-10	2.74E-09	1.52E-08
5216	476863.09	3865377.25	2.01E-05	2.47E-05	2.16E-05	6.98E-09	2.11E-08	1.22E-08	1.49E-08	1.35E-08	6.18E-09	5.42E-09	2.33E-10	5.63E-09	1.24E-09	2.03E-09	3.22E-09	5.67E-10	2.84E-09	1.58E-08
5217	477363.09	3865377.25	2.08E-05	2.54E-05	2.23E-05	7.20E-09	2.17E-08	1.26E-08	1.54E-08	1.40E-08	6.37E-09	5.59E-09	2.40E-10	5.81E-09	1.28E-09	2.09E-09	3.32E-09	5.85E-10	2.93E-09	1.63E-08
5218	477863.09	3865377.25	2.13E-05	2.61E-05	2.29E-05	7.38E-09	2.23E-08	1.29E-08	1.58E-08	1.43E-08	6.54E-09	5.73E-09	2.47E-10	5.95E-09	1.31E-09	2.15E-09	3.40E-09	6.00E-10	3.01E-09	1.67E-08

5219	478363.09	3865377.25	2.21E-05	2.70E-05	2.37E-05	7.64E-09	2.31E-08	1.34E-08	1.64E-08	1.48E-08	6.77E-09	5.94E-09	2.55E-10	6.17E-09	1.36E-09	2.22E-09	3.53E-09	6.21E-10	3.12E-09	1.73E-08
5220	478863.09	3865377.25	2.27E-05	2.78E-05	2.44E-05	7.88E-09	2.38E-08	1.38E-08	1.69E-08	1.53E-08	6.98E-09	6.12E-09	2.63E-10	6.36E-09	1.40E-09	2.29E-09	3.63E-09	6.40E-10	3.21E-09	1.78E-08
5221	479363.09	3865377.25	2.35E-05	2.87E-05	2.52E-05	8.13E-09	2.45E-08	1.42E-08	1.74E-08	1.58E-08	7.20E-09	6.31E-09	2.71E-10	6.56E-09	1.45E-09	2.36E-09	3.75E-09	6.61E-10	3.31E-09	1.84E-08
5222	479863.09	3865377.25	2.42E-05	2.97E-05	2.60E-05	8.39E-09	2.53E-08	1.47E-08	1.80E-08	1.63E-08	7.43E-09	6.52E-09	2.80E-10	6.77E-09	1.49E-09	2.44E-09	3.87E-09	6.82E-10	3.42E-09	1.90E-08
5223	480363.09	3865377.25	2.47E-05	3.03E-05	2.65E-05	8.56E-09	2.58E-08	1.50E-08	1.83E-08	1.66E-08	7.58E-09	6.65E-09	2.86E-10	6.90E-09	1.52E-09	2.49E-09	3.95E-09	6.96E-10	3.49E-09	1.93E-08
5224	480863.09	3865377.25	2.52E-05	3.09E-05	2.71E-05	8.73E-09	2.64E-08	1.53E-08	1.87E-08	1.69E-08	7.73E-09	6.78E-09	2.92E-10	7.04E-09	1.55E-09	2.54E-09	4.03E-09	7.10E-10	3.56E-09	1.97E-08
5225	481363.09	3865377.25	2.58E-05	3.16E-05	2.77E-05	8.95E-09	2.70E-08	1.56E-08	1.92E-08	1.74E-08	7.93E-09	6.95E-09	2.99E-10	7.22E-09	1.59E-09	2.60E-09	4.13E-09	7.27E-10	3.65E-09	2.02E-08
5226	481863.09	3865377.25	2.64E-05	3.23E-05	2.84E-05	9.15E-09	2.76E-08	1.60E-08	1.96E-08	1.78E-08	8.10E-09	7.11E-09	3.06E-10	7.38E-09	1.63E-09	2.66E-09	4.22E-09	7.44E-10	3.73E-09	2.07E-08
5227	482363.09	3865377.25	2.69E-05	3.30E-05	2.89E-05	9.33E-09	2.82E-08	1.63E-08	2.00E-08	1.81E-08	8.26E-09	7.24E-09	3.11E-10	7.52E-09	1.66E-09	2.71E-09	4.30E-09	7.58E-10	3.80E-09	2.11E-08
5228	482863.09	3865377.25	2.72E-05	3.34E-05	2.93E-05	9.44E-09	2.85E-08	1.65E-08	2.02E-08	1.83E-08	8.36E-09	7.33E-09	3.15E-10	7.62E-09	1.68E-09	2.74E-09	4.35E-09	7.67E-10	3.85E-09	2.13E-08
5229	483363.09	3865377.25	2.74E-05	3.36E-05	2.95E-05	9.51E-09	2.87E-08	1.66E-08	2.04E-08	1.85E-08	8.42E-09	7.39E-09	3.18E-10	7.67E-09	1.69E-09	2.76E-09	4.39E-09	7.73E-10	3.88E-09	2.15E-08
5230	483863.09	3865377.25	2.75E-05	3.37E-05	2.96E-05	9.54E-09	2.88E-08	1.67E-08	2.04E-08	1.85E-08	8.44E-09	7.41E-09	3.18E-10	7.69E-09	1.70E-09	2.77E-09	4.40E-09	7.75E-10	3.89E-09	2.15E-08
5231	484363.09	3865377.25	2.76E-05	3.38E-05	2.97E-05	9.57E-09	2.89E-08	1.67E-08	2.05E-08	1.86E-08	8.47E-09	7.44E-09	3.20E-10	7.72E-09	1.70E-09	2.78E-09	4.41E-09	7.78E-10	3.90E-09	2.16E-08
5232	484863.09	3865377.25	2.76E-05	3.38E-05	2.97E-05	9.57E-09	2.89E-08	1.67E-08	2.05E-08	1.86E-08	8.47E-09	7.43E-09	3.20E-10	7.72E-09	1.70E-09	2.78E-09	4.41E-09	7.78E-10	3.90E-09	2.16E-08
5233	485363.09	3865377.25	2.74E-05	3.36E-05	2.94E-05	9.50E-09	2.87E-08	1.66E-08	2.03E-08	1.84E-08	8.41E-09	7.38E-09	3.17E-10	7.66E-09	1.69E-09	2.76E-09	4.38E-09	7.72E-10	3.87E-09	2.14E-08
5234	485863.09	3865377.25	2.70E-05	3.31E-05	2.90E-05	9.36E-09	2.83E-08	1.64E-08	2.00E-08	1.82E-08	8.29E-09	7.27E-09	3.13E-10	7.55E-09	1.67E-09	2.72E-09	4.32E-09	7.61E-10	3.82E-09	2.12E-08
5235	486363.09	3865377.25	2.68E-05	3.29E-05	2.88E-05	9.30E-09	2.81E-08	1.63E-08	1.99E-08	1.80E-08	8.23E-09	7.22E-09	3.11E-10	7.50E-09	1.66E-09	2.70E-09	4.29E-09	7.56E-10	3.79E-09	2.10E-08
5236	486863.09	3865377.25	2.67E-05	3.27E-05	2.87E-05	9.25E-09	2.79E-08	1.62E-08	1.98E-08	1.79E-08	8.19E-09	7.18E-09	3.09E-10	7.46E-09	1.65E-09	2.69E-09	4.26E-09	7.52E-10	3.77E-09	2.09E-08
5237	487363.09	3865377.25	2.65E-05	3.24E-05	2.85E-05	9.18E-09	2.77E-08	1.60E-08	1.97E-08	1.78E-08	8.13E-09	7.13E-09	3.07E-10	7.41E-09	1.63E-09	2.67E-09	4.23E-09	7.46E-10	3.74E-09	2.07E-08
5238	487863.09	3865377.25	2.64E-05	3.23E-05	2.83E-05	9.14E-09	2.76E-08	1.60E-08	1.96E-08	1.77E-08	8.09E-09	7.10E-09	3.05E-10	7.37E-09	1.63E-09	2.66E-09	4.21E-09	7.43E-10	3.73E-09	2.06E-08
5239	488363.09	3865377.25	2.65E-05	3.24E-05	2.84E-05	9.17E-09	2.77E-08	1.60E-08	1.96E-08	1.78E-08	8.12E-09	7.13E-09	3.06E-10	7.40E-09	1.63E-09	2.67E-09	4.23E-09	7.45E-10	3.74E-09	2.07E-08
5240	488863.09	3865377.25	2.65E-05	3.24E-05	2.85E-05	9.18E-09	2.77E-08	1.60E-08	1.97E-08	1.78E-08	8.13E-09	7.13E-09	3.07E-10	7.41E-09	1.63E-09	2.67E-09	4.23E-09	7.46E-10	3.74E-09	2.07E-08
5241	489363.09	3865377.25	2.64E-05	3.23E-05	2.84E-05	9.15E-09	2.76E-08	1.60E-08	1.96E-08	1.78E-08	8.10E-09	7.11E-09	3.06E-10	7.38E-09	1.63E-09	2.66E-09	4.22E-09	7.44E-10	3.73E-09	2.07E-08
5242	489863.09	3865377.25	2.63E-05	3.22E-05	2.83E-05	9.12E-09	2.75E-08	1.59E-08	1.95E-08	1.77E-08	8.07E-09	7.08E-09	3.04E-10	7.35E-09	1.62E-09	2.65E-09	4.20E-09	7.41E-10	3.72E-09	2.06E-08
5243	490363.09	3865377.25	2.70E-05	3.31E-05	2.90E-05	9.36E-09	2.83E-08	1.64E-08	2.00E-08	1.82E-08	8.29E-09	7.27E-09	3.12E-10	7.55E-09	1.67E-09	2.72E-09	4.32E-09	7.61E-10	3.81E-09	2.11E-08
5244	490863.09	3865377.25	2.69E-05	3.30E-05	2.89E-05	9.33E-09	2.82E-08	1.63E-08	2.00E-08	1.81E-08	8.26E-09	7.24E-09	3.11E-10	7.52E-09	1.66E-09	2.71E-09	4.30E-09	7.58E-10	3.80E-09	2.11E-08
5245	491363.09	3865377.25	2.70E-05	3.31E-05	2.90E-05	9.36E-09	2.83E-08	1.64E-08	2.00E-08	1.82E-08	8.29E-09	7.27E-09	3.13E-10	7.55E-09	1.67E-09	2.72E-09	4.32E-09	7.61E-10	3.82E-09	2.11E-08
5246	491863.09	3865377.25	2.74E-05	3.35E-05	2.94E-05	9.49E-09	2.87E-08	1.66E-08	2.03E-08	1.84E-08	8.40E-09	7.37E-09	3.17E-10	7.66E-09	1.69E-09	2.76E-09	4.38E-09	7.71E-10	3.87E-09	2.14E-08
5247	492363.09	3865377.25	2.55E-05	3.12E-05	2.74E-05	8.84E-09	2.67E-08	1.54E-08	1.89E-08	1.71E-08	7.82E-09	6.86E-09	2.95E-10	7.13E-09	1.57E-09	2.57E-09	4.07E-09	7.18E-10	3.60E-09	2.00E-08
5248	492863.09	3865377.25	2.17E-05	2.65E-05	2.33E-05	7.50E-09	2.27E-08	1.31E-08	1.61E-08	1.46E-08	6.65E-09	5.83E-09	2.51E-10	6.05E-09	1.34E-09	2.18E-09	3.46E-09	6.10E-10	3.06E-09	1.69E-08
5249	493363.09	3865377.25	1.80E-05	2.20E-05	1.93E-05	6.24E-09	1.88E-08	1.09E-08	1.34E-08	1.21E-08	5.52E-09	4.84E-09	2.08E-10	5.03E-09	1.11E-09	1.81E-09	2.88E-09	5.07E-10	2.54E-09	1.41E-08
5250	493863.09	3865377.25	2.43E-05	2.98E-05	2.61E-05	8.42E-09	2.54E-08	1.47E-08	1.80E-08	1.64E-08	7.46E-09	6.54E-09	2.81E-10	6.80E-09	1.50E-09	2.45E-09	3.88E-09	6.85E-10	3.43E-09	1.90E-08
5251	494363.09	3865377.25	2.64E-05	3.23E-05	2.83E-05	9.14E-09	2.76E-08	1.60E-08	1.96E-08	1.77E-08	8.09E-09	7.09E-09	3.05E-10	7.37E-09	1.63E-09	2.66E-09	4.21E-09	7.43E-10	3.72E-09	2.06E-08
5252	494863.09	3865377.25	2.74E-05	3.36E-05	2.94E-05	9.50E-09	2.87E-08	1.66E-08	2.03E-08	1.84E-08	8.41E-09	7.38E-09	3.17E-10	7.66E-09	1.69E-09	2.76E-09	4.38E-09	7.72E-10	3.87E-09	2.15E-08
5253	495363.09	3865377.25	2.84E-05	3.48E-05	3.05E-05	9.83E-09	2.97E-08	1.72E-08	2.11E-08	1.91E-08	8.71E-09	7.63E-09	3.28E-10	7.93E-09	1.75E-09	2.86E-09	4.53E-09	7.99E-10	4.01E-09	2.22E-08
5254	495863.09	3865377.25	2.84E-05	3.47E-05	3.05E-05	9.83E-09	2.97E-08	1.72E-08	2.10E-08	1.91E-08	8.71E-09	7.63E-09	3.28E-10	7.93E-09	1.75E-09	2.86E-09	4.53E-09	7.99E-10	4.01E-09	2.22E-08
5255	496363.09	3865377.25	2.78E-05	3.41E-05	2.99E-05	9.64E-09	2.91E-08	1.68E-08	2.06E-08	1.87E-08	8.53E-09	7.48E-09	3.22E-10	7.77E-09	1.71E-09	2.80E-09	4.44E-09	7.83E-10	3.93E-09	2.18E-08
5256	496863.09	3865377.25	2.67E-05	3.27E-05	2.87E-05	9.26E-09	2.80E-08	1.62E-08	1.98E-08	1.80E-08	8.20E-09	7.19E-09	3.09E-10	7.47E-09	1.65E-09	2.69E-09	4.27E-09	7.52E-10	3.77E-09	2.09E-08
5257	497363.09	3865377.25	2.57E-05	3.15E-05	2.76E-05	8.91E-09	2.69E-08	1.56E-08	1.91E-08	1.73E-08	7.89E-09	6.91E-09	2.97E-10	7.18E-09	1.59E-09	2.59E-09	4.11E-09	7.24E-10	3.63E-09	2.01E-08
5258	497863.09	3865377.25	2.50E-05	3.06E-05	2.69E-05	8.67E-09	2.62E-08	1.51E-08	1.86E-08	1.68E-08	7.68E-09	6.73E-09	2.89E-10	6.99E-09	1.54E-09	2.52E-09	4.00E-09	7.04E-10	3.53E-09	1.96E-08
5259	498363.09	3865377.25	2.48E-05	3.03E-05	2.66E-05	8.58E-09	2.59E-08	1.50E-08	1.84E-08	1.67E-08	7.60E-09	6.66E-09	2.87E-10	6.92E-09	1.53E-09	2.49E-09	3.96E-09	6.97E-10	3.50E-09	1.94E-08
5260	471363.09	3865877.25	1.38E-05	1.69E-05	1.49E-05	4.79E-09	1.45E-08	8.38E-09	1.03E-08	9.30E-09	4.25E-09	3.72E-09	1.60E-10	3.87E-09	8.53E-10	1.39E-09	2.21E-09	3.90E-10	1.95E-09	1.08E-08
5261	471863.09	3865877.25	1.41E-05	1.73E-05	1.51E-05	4.89E-09	1.48E-08	8.54E-09	1.05E-08	9.48E-09	4.33E-09	3.79E-09	1.63E-10	3.94E-09	8.70E-10	1.42E-09	2.25E-09	3.97E-10	1.99E-09	1.10E-08
5262	472363.09	3865877.25	1.44E-05	1.77E-05	1.55E-05	5.01E-09	1.51E-08	8.75E-09	1.07E-08	9.71E-09	4.43E-09	3.89E-09	1.67E-10	4.04E-09	8.91E-10	1.45E-09	2.31E-09	4.07E-10	2.04E-09	1.13E-08
5263	472863.09	3865877.25	1.47E-05	1.79E-05	1.57E-05	5.08E-09	1.53E-08	8.87E-09	1.09E-08	9.85E-09	4.50E-09	3.94E-09	1.70E-10	4.10E-09	9.04E-10	1.48E-09	2.34E-09	4.13E-10	2.07E-09	1.15E-08
5264	473363.09	3865877.25	1.50E-05	1.83E-05	1.61E-05	5.19E-09	1.57E-08	9.07E-09	1.11E-08	1.01E-08	4.59E-09	4.03E-09	1.73E-10	4.18E-09	9.23E-10	1.51E-09	2.39E-09	4.22E-10	2.12E-09	1.17E-08
5265	473863.09	3865877.25	1.54E-05	1.88E-05	1.65E-05	5.33E-09	1.61E-08	9.32E-09	1.14E-08	1.03E-08	4.72E-09	4.14E-09	1.78E-10	4.30E-09	9.49E-10	1.55E-09	2.46E-09	4.33E-10	2.17E-09	1.20E-08
5266	474363.09	3865877.25	1.59E-05	1.94E-05	1.70E-05	5.50E-09	1.66E-08	9.61E-09	1.18E-08	1.07E-08	4.87E-09	4.27E-09	1.84E-10	4.43E-09	9.78E-10	1.60E-09	2.53E-09	4.47E-10	2.24E-09	1.24E-08
5267	474863.09	3865877.25	1.64E-05	2.01E-05	1.77E-05	5.69E-09	1.72E-08	9.95E-09	1.22E-08	1.11E-08	5.04E-09	4.42E-09	1.90E-10	4.59E-09	1.01E-09	1.66E-09	2.63E-09	4.63E-10	2.32E-09	1.29E-08
5268	475363.09	3865877.25	1.70E-05	2.08E-05	1.83E-05	5.89E-09	1.78E-08	1.03E-08	1.26E-08	1.14E-08	5.22E-09	4.57E-09	1.97E-10	4.75E-09	1.05E-09	1.71E-09	2.72E-09	4.79E-10	2.40E-09	1.33E-08
5269	475863.09	3865877.25	1.76E-05	2.16E-05	1.89E-05	6.10E-09	1.84E-08	1.07E-08	1.31E-08	1.18E-08	5.40E-09	4.74E-09	2.04E-10	4.92E-09	1.09E-09	1.77E-09	2.81E-09	4.96E-10	2.49E-09	1.38E-08
5270	476363.09	3865877.25	1.85E-05	2.27E-05	1.99E-05	6.42E-09	1.94E-08	1.12E-08	1.37E-08	1.25E-08	5.68E-09	4.98E-09	2.14E-10	5.18E-09	1.14E-09	1.86E-09	2.96E-09	5.21E-10	2.62E-09	1.45E-08
5271	476863.09	3865877.25	1.91E-05	2.34E-05	2.05E-05	6.62E-09	2.00E-08	1.16E-08	1.42E-08	1.28E-08	5.86E-09	5.14E-09	2.21E-10	5.34E-09	1.18E-09	1.92E-09	3.05E-09	5.38E-10	2.70E-09	1.49E-08
5272	477363.09	3865877.25	1.98E-05	2.43E-05	2.13E-05	6.87E-09	2.07E-08	1.20E-08	1.47E-08	1.33E-08	6.08E-09	5.34E-09	2.29E-10	5.54E-09	1.22E-09	2.00E-09	3.17E-09	5.58E-10	2.80E-09	1.55E-08
5273	477863.09	3865877.25	2.02E-05	2.48E-05	2.17E-05	7.01E-09	2.12E-08	1.23E-08	1.50E-08	1.36E-08	6.21E-09	5.44E-09	2.34E-10	5.65E-09	1.25E-09	2.04E-09	3.23E-09	5.70E-10	2.86E-09	1.58E-08

5274	478363.09	3865877.25	2.08E-05	2.55E-05	2.24E-05	7.22E-09	2.18E-08	1.26E-08	1.55E-08	1.40E-08	6.39E-09	5.61E-09	2.41E-10	5.82E-09	1.28E-09	2.10E-09	3.33E-09	5.87E-10	2.94E-09	1.63E-08
5275	478863.09	3865877.25	2.15E-05	2.63E-05	2.31E-05	7.44E-09	2.25E-08	1.30E-08	1.59E-08	1.44E-08	6.59E-09	5.78E-09	2.48E-10	6.00E-09	1.32E-09	2.16E-09	3.43E-09	6.04E-10	3.03E-09	1.68E-08
5276	479363.09	3865877.25	2.21E-05	2.70E-05	2.37E-05	7.65E-09	2.31E-08	1.34E-08	1.64E-08	1.48E-08	6.77E-09	5.94E-09	2.55E-10	6.17E-09	1.36E-09	2.22E-09	3.53E-09	6.22E-10	3.12E-09	1.73E-08
5277	479863.09	3865877.25	2.26E-05	2.76E-05	2.42E-05	7.82E-09	2.36E-08	1.37E-08	1.67E-08	1.52E-08	6.92E-09	6.07E-09	2.61E-10	6.30E-09	1.39E-09	2.27E-09	3.60E-09	6.35E-10	3.19E-09	1.77E-08
5278	480363.09	3865877.25	2.30E-05	2.81E-05	2.47E-05	7.96E-09	2.40E-08	1.39E-08	1.70E-08	1.54E-08	7.05E-09	6.18E-09	2.66E-10	6.42E-09	1.42E-09	2.31E-09	3.67E-09	6.47E-10	3.25E-09	1.80E-08
5279	480863.09	3865877.25	2.34E-05	2.87E-05	2.52E-05	8.12E-09	2.45E-08	1.42E-08	1.74E-08	1.58E-08	7.19E-09	6.31E-09	2.71E-10	6.55E-09	1.44E-09	2.36E-09	3.74E-09	6.60E-10	3.31E-09	1.83E-08
5280	481363.09	3865877.25	2.39E-05	2.93E-05	2.57E-05	8.29E-09	2.50E-08	1.45E-08	1.77E-08	1.61E-08	7.34E-09	6.44E-09	2.77E-10	6.69E-09	1.48E-09	2.41E-09	3.82E-09	6.74E-10	3.38E-09	1.87E-08
5281	481863.09	3865877.25	2.44E-05	2.99E-05	2.62E-05	8.46E-09	2.56E-08	1.48E-08	1.81E-08	1.64E-08	7.49E-09	6.57E-09	2.83E-10	6.83E-09	1.51E-09	2.46E-09	3.90E-09	6.88E-10	3.45E-09	1.91E-08
5282	482363.09	3865877.25	2.48E-05	3.03E-05	2.66E-05	8.58E-09	2.59E-08	1.50E-08	1.84E-08	1.67E-08	7.60E-09	6.67E-09	2.87E-10	6.92E-09	1.53E-09	2.49E-09	3.96E-09	6.98E-10	3.50E-09	1.94E-08
5283	482863.09	3865877.25	2.50E-05	3.06E-05	2.68E-05	8.66E-09	2.62E-08	1.51E-08	1.85E-08	1.68E-08	7.67E-09	6.73E-09	2.89E-10	6.99E-09	1.54E-09	2.52E-09	3.99E-09	7.04E-10	3.53E-09	1.96E-08
5284	483363.09	3865877.25	2.52E-05	3.08E-05	2.70E-05	8.72E-09	2.63E-08	1.52E-08	1.87E-08	1.69E-08	7.72E-09	6.77E-09	2.91E-10	7.03E-09	1.55E-09	2.53E-09	4.02E-09	7.09E-10	3.55E-09	1.97E-08
5285	483863.09	3865877.25	2.53E-05	3.10E-05	2.72E-05	8.77E-09	2.65E-08	1.53E-08	1.88E-08	1.70E-08	7.76E-09	6.81E-09	2.93E-10	7.07E-09	1.56E-09	2.55E-09	4.04E-09	7.12E-10	3.57E-09	1.98E-08
5286	484363.09	3865877.25	2.55E-05	3.12E-05	2.74E-05	8.82E-09	2.66E-08	1.54E-08	1.89E-08	1.71E-08	7.81E-09	6.85E-09	2.95E-10	7.11E-09	1.57E-09	2.56E-09	4.07E-09	7.17E-10	3.60E-09	1.99E-08
5287	484863.09	3865877.25	2.54E-05	3.10E-05	2.72E-05	8.79E-09	2.65E-08	1.54E-08	1.88E-08	1.70E-08	7.78E-09	6.82E-09	2.93E-10	7.09E-09	1.56E-09	2.55E-09	4.05E-09	7.14E-10	3.58E-09	1.98E-08
5288	485363.09	3865877.25	2.51E-05	3.07E-05	2.69E-05	8.68E-09	2.62E-08	1.52E-08	1.86E-08	1.68E-08	7.69E-09	6.74E-09	2.90E-10	7.00E-09	1.55E-09	2.52E-09	4.00E-09	7.06E-10	3.54E-09	1.96E-08
5289	485863.09	3865877.25	2.47E-05	3.03E-05	2.66E-05	8.57E-09	2.59E-08	1.50E-08	1.84E-08	1.66E-08	7.59E-09	6.66E-09	2.86E-10	6.91E-09	1.53E-09	2.49E-09	3.95E-09	6.97E-10	3.50E-09	1.94E-08
5290	486363.09	3865877.25	2.45E-05	3.01E-05	2.64E-05	8.51E-09	2.57E-08	1.49E-08	1.82E-08	1.65E-08	7.53E-09	6.61E-09	2.84E-10	6.86E-09	1.51E-09	2.47E-09	3.92E-09	6.91E-10	3.47E-09	1.92E-08
5291	486863.09	3865877.25	2.44E-05	2.99E-05	2.62E-05	8.46E-09	2.56E-08	1.48E-08	1.81E-08	1.64E-08	7.49E-09	6.57E-09	2.83E-10	6.83E-09	1.51E-09	2.46E-09	3.90E-09	6.88E-10	3.45E-09	1.91E-08
5292	487363.09	3865877.25	2.42E-05	2.97E-05	2.60E-05	8.40E-09	2.54E-08	1.47E-08	1.80E-08	1.63E-08	7.44E-09	6.52E-09	2.80E-10	6.78E-09	1.50E-09	2.44E-09	3.87E-09	6.83E-10	3.42E-09	1.90E-08
5293	487863.09	3865877.25	2.43E-05	2.98E-05	2.61E-05	8.42E-09	2.54E-08	1.47E-08	1.80E-08	1.63E-08	7.46E-09	6.54E-09	2.81E-10	6.79E-09	1.50E-09	2.45E-09	3.88E-09	6.84E-10	3.43E-09	1.90E-08
5294	488363.09	3865877.25	2.43E-05	2.98E-05	2.62E-05	8.43E-09	2.55E-08	1.47E-08	1.81E-08	1.64E-08	7.47E-09	6.55E-09	2.82E-10	6.80E-09	1.50E-09	2.45E-09	3.89E-09	6.85E-10	3.44E-09	1.90E-08
5295	488863.09	3865877.25	2.45E-05	3.00E-05	2.63E-05	8.48E-09	2.56E-08	1.48E-08	1.82E-08	1.65E-08	7.51E-09	6.59E-09	2.83E-10	6.84E-09	1.51E-09	2.47E-09	3.91E-09	6.89E-10	3.46E-09	1.92E-08
5296	489363.09	3865877.25	2.45E-05	3.00E-05	2.63E-05	8.50E-09	2.57E-08	1.49E-08	1.82E-08	1.65E-08	7.53E-09	6.60E-09	2.84E-10	6.86E-09	1.51E-09	2.47E-09	3.92E-09	6.91E-10	3.46E-09	1.92E-08
5297	489863.09	3865877.25	2.44E-05	2.99E-05	2.62E-05	8.45E-09	2.55E-08	1.48E-08	1.81E-08	1.64E-08	7.49E-09	6.56E-09	2.82E-10	6.82E-09	1.50E-09	2.46E-09	3.90E-09	6.87E-10	3.45E-09	1.91E-08
5298	490363.09	3865877.25	2.45E-05	3.01E-05	2.64E-05	8.50E-09	2.57E-08	1.49E-08	1.82E-08	1.65E-08	7.53E-09	6.60E-09	2.84E-10	6.86E-09	1.51E-09	2.47E-09	3.92E-09	6.91E-10	3.47E-09	1.92E-08
5299	490863.09	3865877.25	2.46E-05	3.02E-05	2.65E-05	8.54E-09	2.58E-08	1.49E-08	1.83E-08	1.66E-08	7.56E-09	6.63E-09	2.85E-10	6.89E-09	1.52E-09	2.48E-09	3.94E-09	6.94E-10	3.48E-09	1.93E-08
5300	491363.09	3865877.25	2.45E-05	3.00E-05	2.63E-05	8.49E-09	2.56E-08	1.48E-08	1.82E-08	1.65E-08	7.52E-09	6.60E-09	2.84E-10	6.85E-09	1.51E-09	2.47E-09	3.92E-09	6.90E-10	3.46E-09	1.92E-08
5301	491863.09	3865877.25	2.47E-05	3.03E-05	2.66E-05	8.57E-09	2.59E-08	1.50E-08	1.83E-08	1.66E-08	7.59E-09	6.65E-09	2.86E-10	6.91E-09	1.52E-09	2.49E-09	3.95E-09	6.96E-10	3.49E-09	1.94E-08
5302	492363.09	3865877.25	2.45E-05	3.01E-05	2.64E-05	8.50E-09	2.57E-08	1.49E-08	1.82E-08	1.65E-08	7.53E-09	6.60E-09	2.84E-10	6.86E-09	1.51E-09	2.47E-09	3.92E-09	6.91E-10	3.47E-09	1.92E-08
5303	492863.09	3865877.25	2.07E-05	2.53E-05	2.22E-05	7.16E-09	2.16E-08	1.25E-08	1.53E-08	1.39E-08	6.34E-09	5.56E-09	2.39E-10	5.78E-09	1.28E-09	2.08E-09	3.30E-09	5.82E-10	2.92E-09	1.62E-08
5304	493363.09	3865877.25	2.10E-05	2.57E-05	2.25E-05	7.28E-09	2.20E-08	1.27E-08	1.56E-08	1.41E-08	6.44E-09	5.65E-09	2.43E-10	5.87E-09	1.30E-09	2.12E-09	3.36E-09	5.91E-10	2.97E-09	1.64E-08
5305	493863.09	3865877.25	2.34E-05	2.87E-05	2.51E-05	8.11E-09	2.45E-08	1.42E-08	1.74E-08	1.57E-08	7.18E-09	6.30E-09	2.71E-10	6.54E-09	1.44E-09	2.36E-09	3.74E-09	6.59E-10	3.31E-09	1.83E-08
5306	494363.09	3865877.25	2.45E-05	3.00E-05	2.63E-05	8.47E-09	2.56E-08	1.48E-08	1.81E-08	1.64E-08	7.50E-09	6.58E-09	2.83E-10	6.84E-09	1.51E-09	2.46E-09	3.91E-09	6.89E-10	3.45E-09	1.91E-08
5307	494863.09	3865877.25	2.49E-05	3.05E-05	2.67E-05	8.62E-09	2.60E-08	1.51E-08	1.85E-08	1.67E-08	7.63E-09	6.69E-09	2.88E-10	6.95E-09	1.53E-09	2.51E-09	3.98E-09	7.01E-10	3.51E-09	1.95E-08
5308	495363.09	3865877.25	2.52E-05	3.08E-05	2.70E-05	8.72E-09	2.63E-08	1.52E-08	1.87E-08	1.69E-08	7.72E-09	6.77E-09	2.91E-10	7.03E-09	1.55E-09	2.53E-09	4.02E-09	7.09E-10	3.55E-09	1.97E-08
5309	495863.09	3865877.25	2.60E-05	3.18E-05	2.79E-05	9.00E-09	2.72E-08	1.57E-08	1.93E-08	1.75E-08	7.97E-09	6.99E-09	3.01E-10	7.26E-09	1.60E-09	2.62E-09	4.15E-09	7.31E-10	3.67E-09	2.03E-08
5310	496363.09	3865877.25	2.63E-05	3.22E-05	2.82E-05	9.11E-09	2.75E-08	1.59E-08	1.95E-08	1.77E-08	8.06E-09	7.07E-09	3.04E-10	7.35E-09	1.62E-09	2.65E-09	4.20E-09	7.40E-10	3.71E-09	2.06E-08
5311	496863.09	3865877.25	2.58E-05	3.16E-05	2.77E-05	8.95E-09	2.70E-08	1.56E-08	1.92E-08	1.74E-08	7.93E-09	6.95E-09	2.99E-10	7.22E-09	1.59E-09	2.60E-09	4.13E-09	7.27E-10	3.65E-09	2.02E-08
5312	497363.09	3865877.25	2.46E-05	3.02E-05	2.65E-05	8.54E-09	2.58E-08	1.49E-08	1.83E-08	1.66E-08	7.56E-09	6.63E-09	2.85E-10	6.89E-09	1.52E-09	2.48E-09	3.94E-09	6.94E-10	3.48E-09	1.93E-08
5313	497863.09	3865877.25	2.37E-05	2.90E-05	2.54E-05	8.21E-09	2.48E-08	1.44E-08	1.76E-08	1.59E-08	7.27E-09	6.37E-09	2.74E-10	6.62E-09	1.46E-09	2.39E-09	3.79E-09	6.67E-10	3.35E-09	1.85E-08
5314	498363.09	3865877.25	2.30E-05	2.82E-05	2.47E-05	7.97E-09	2.41E-08	1.39E-08	1.71E-08	1.55E-08	7.06E-09	6.19E-09	2.66E-10	6.43E-09	1.42E-09	2.32E-09	3.67E-09	6.47E-10	3.25E-09	1.80E-08
5315	471363.09	3866377.25	1.31E-05	1.60E-05	1.41E-05	4.54E-09	1.37E-08	7.93E-09	9.72E-09	8.81E-09	4.02E-09	3.52E-09	1.52E-10	3.66E-09	8.08E-10	1.32E-09	2.09E-09	3.69E-10	1.85E-09	1.03E-08
5316	471863.09	3866377.25	1.34E-05	1.64E-05	1.44E-05	4.64E-09	1.40E-08	8.11E-09	9.93E-09	9.00E-09	4.11E-09	3.60E-09	1.55E-10	3.74E-09	8.26E-10	1.35E-09	2.14E-09	3.77E-10	1.89E-09	1.05E-08
5317	472363.09	3866377.25	1.37E-05	1.67E-05	1.47E-05	4.73E-09	1.43E-08	8.27E-09	1.01E-08	9.19E-09	4.19E-09	3.68E-09	1.58E-10	3.82E-09	8.43E-10	1.38E-09	2.18E-09	3.85E-10	1.93E-09	1.07E-08
5318	472863.09	3866377.25	1.39E-05	1.70E-05	1.49E-05	4.81E-09	1.45E-08	8.41E-09	1.03E-08	9.34E-09	4.26E-09	3.74E-09	1.61E-10	3.88E-09	8.57E-10	1.40E-09	2.22E-09	3.91E-10	1.96E-09	1.09E-08
5319	473363.09	3866377.25	1.43E-05	1.75E-05	1.53E-05	4.95E-09	1.49E-08	8.64E-09	1.06E-08	9.60E-09	4.38E-09	3.84E-09	1.65E-10	3.99E-09	8.80E-10	1.44E-09	2.28E-09	4.02E-10	2.02E-09	1.12E-08
5320	473863.09	3866377.25	1.47E-05	1.80E-05	1.58E-05	5.08E-09	1.53E-08	8.88E-09	1.09E-08	9.86E-09	4.50E-09	3.95E-09	1.70E-10	4.10E-09	9.05E-10	1.48E-09	2.34E-09	4.13E-10	2.07E-09	1.15E-08
5321	474363.09	3866377.25	1.51E-05	1.85E-05	1.63E-05	5.25E-09	1.58E-08	9.17E-09	1.12E-08	1.02E-08	4.65E-09	4.07E-09	1.75E-10	4.23E-09	9.34E-10	1.52E-09	2.42E-09	4.26E-10	2.14E-09	1.18E-08
5322	474863.09	3866377.25	1.57E-05	1.92E-05	1.68E-05	5.43E-09	1.64E-08	9.50E-09	1.16E-08	1.05E-08	4.81E-09	4.22E-09	1.81E-10	4.38E-09	9.67E-10	1.58E-09	2.51E-09	4.42E-10	2.21E-09	1.23E-08
5323	475363.09	3866377.25	1.62E-05	1.98E-05	1.74E-05	5.60E-09	1.69E-08	9.79E-09	1.20E-08	1.09E-08	4.96E-09	4.35E-09	1.87E-10	4.52E-09	9.97E-10	1.63E-09	2.58E-09	4.55E-10	2.28E-09	1.27E-08
5324	475863.09	3866377.25	1.67E-05	2.04E-05	1.79E-05	5.78E-09	1.74E-08	1.01E-08	1.24E-08	1.12E-08	5.11E-09	4.49E-09	1.93E-10	4.66E-09	1.03E-09	1.68E-09	2.66E-09	4.69E-10	2.35E-09	1.30E-08
5325	476363.09	3866377.25	1.76E-05	2.15E-05	1.89E-05	6.09E-09	1.84E-08	1.06E-08	1.30E-08	1.18E-08	5.39E-09	4.73E-09	2.03E-10	4.91E-09	1.08E-09	1.77E-09	2.81E-09	4.95E-10	2.48E-09	1.38E-08
5326	476863.09	3866377.25	1.81E-05	2.21E-05	1.94E-05	6.26E-09	1.89E-08	1.09E-08	1.34E-08	1.22E-08	5.54E-09	4.86E-09	2.09E-10	5.05E-09	1.11E-09	1.82E-09	2.89E-09	5.09E-10	2.55E-09	1.41E-08
5327	477363.09	3866377.25	1.90E-05	2.33E-05	2.04E-05	6.58E-09	1.99E-08	1.15E-08	1.41E-08	1.28E-08	5.83E-09	5.11E-09	2.20E-10	5.31E-09	1.17E-09	1.91E-09	3.03E-09	5.35E-10	2.68E-09	1.49E-08
5328	477863.09	3866377.25	1.93E-05	2.37E-05	2.08E-05	6.69E-09	2.02E-08	1.17E-08	1.43E-08	1.30E-08	5.93E-09	5.20E-09	2.24E-10	5.40E-09	1.19E-09	1.95E-09	3.09E-09	5.44E-10	2.73E-09	1.51E-08

5329	478363.09	3866377.25	1.97E-05	2.41E-05	2.12E-05	6.83E-09	2.06E-08	1.19E-08	1.46E-08	1.32E-08	6.04E-09	5.30E-09	2.28E-10	5.51E-09	1.21E-09	1.98E-09	3.15E-09	5.55E-10	2.78E-09	1.54E-08
5330	478863.09	3866377.25	2.03E-05	2.48E-05	2.18E-05	7.03E-09	2.12E-08	1.23E-08	1.50E-08	1.36E-08	6.22E-09	5.46E-09	2.35E-10	5.67E-09	1.25E-09	2.04E-09	3.24E-09	5.71E-10	2.86E-09	1.59E-08
5331	479363.09	3866377.25	2.08E-05	2.55E-05	2.23E-05	7.21E-09	2.18E-08	1.26E-08	1.54E-08	1.40E-08	6.38E-09	5.60E-09	2.41E-10	5.81E-09	1.28E-09	2.10E-09	3.32E-09	5.86E-10	2.94E-09	1.63E-08
5332	479863.09	3866377.25	2.13E-05	2.60E-05	2.28E-05	7.37E-09	2.23E-08	1.29E-08	1.58E-08	1.43E-08	6.53E-09	5.73E-09	2.46E-10	5.94E-09	1.31E-09	2.14E-09	3.40E-09	5.99E-10	3.00E-09	1.66E-08
5333	480363.09	3866377.25	2.16E-05	2.65E-05	2.32E-05	7.49E-09	2.26E-08	1.31E-08	1.60E-08	1.45E-08	6.64E-09	5.82E-09	2.50E-10	6.04E-09	1.33E-09	2.18E-09	3.46E-09	6.09E-10	3.06E-09	1.69E-08
5334	480863.09	3866377.25	2.20E-05	2.69E-05	2.36E-05	7.61E-09	2.30E-08	1.33E-08	1.63E-08	1.48E-08	6.74E-09	5.91E-09	2.54E-10	6.14E-09	1.35E-09	2.21E-09	3.51E-09	6.18E-10	3.10E-09	1.72E-08
5335	481363.09	3866377.25	2.24E-05	2.75E-05	2.41E-05	7.77E-09	2.35E-08	1.36E-08	1.66E-08	1.51E-08	6.88E-09	6.03E-09	2.59E-10	6.27E-09	1.38E-09	2.26E-09	3.58E-09	6.31E-10	3.17E-09	1.75E-08
5336	481863.09	3866377.25	2.27E-05	2.78E-05	2.44E-05	7.87E-09	2.38E-08	1.38E-08	1.69E-08	1.53E-08	6.97E-09	6.11E-09	2.63E-10	6.35E-09	1.40E-09	2.29E-09	3.63E-09	6.40E-10	3.21E-09	1.78E-08
5337	482363.09	3866377.25	2.29E-05	2.81E-05	2.46E-05	7.94E-09	2.40E-08	1.39E-08	1.70E-08	1.54E-08	7.03E-09	6.17E-09	2.65E-10	6.41E-09	1.41E-09	2.31E-09	3.66E-09	6.45E-10	3.24E-09	1.79E-08
5338	482863.09	3866377.25	2.31E-05	2.83E-05	2.48E-05	8.00E-09	2.42E-08	1.40E-08	1.71E-08	1.55E-08	7.09E-09	6.22E-09	2.67E-10	6.46E-09	1.42E-09	2.33E-09	3.69E-09	6.50E-10	3.26E-09	1.81E-08
5339	483363.09	3866377.25	2.32E-05	2.84E-05	2.50E-05	8.05E-09	2.43E-08	1.41E-08	1.72E-08	1.56E-08	7.13E-09	6.25E-09	2.69E-10	6.49E-09	1.43E-09	2.34E-09	3.71E-09	6.54E-10	3.28E-09	1.82E-08
5340	483863.09	3866377.25	2.34E-05	2.86E-05	2.51E-05	8.10E-09	2.45E-08	1.42E-08	1.73E-08	1.57E-08	7.18E-09	6.30E-09	2.71E-10	6.54E-09	1.44E-09	2.36E-09	3.74E-09	6.59E-10	3.30E-09	1.83E-08
5341	484363.09	3866377.25	2.34E-05	2.87E-05	2.52E-05	8.13E-09	2.45E-08	1.42E-08	1.74E-08	1.58E-08	7.20E-09	6.31E-09	2.71E-10	6.55E-09	1.45E-09	2.36E-09	3.75E-09	6.60E-10	3.31E-09	1.84E-08
5342	484863.09	3866377.25	2.34E-05	2.87E-05	2.52E-05	8.12E-09	2.45E-08	1.42E-08	1.74E-08	1.58E-08	7.19E-09	6.31E-09	2.71E-10	6.55E-09	1.45E-09	2.36E-09	3.74E-09	6.60E-10	3.31E-09	1.83E-08
5343	485363.09	3866377.25	2.31E-05	2.82E-05	2.48E-05	7.99E-09	2.41E-08	1.40E-08	1.71E-08	1.55E-08	7.08E-09	6.21E-09	2.67E-10	6.45E-09	1.42E-09	2.32E-09	3.68E-09	6.49E-10	3.26E-09	1.80E-08
5344	485863.09	3866377.25	2.27E-05	2.78E-05	2.44E-05	7.88E-09	2.38E-08	1.38E-08	1.69E-08	1.53E-08	6.98E-09	6.12E-09	2.63E-10	6.35E-09	1.40E-09	2.29E-09	3.63E-09	6.40E-10	3.21E-09	1.78E-08
5345	486363.09	3866377.25	2.26E-05	2.77E-05	2.43E-05	7.83E-09	2.36E-08	1.37E-08	1.68E-08	1.52E-08	6.94E-09	6.08E-09	2.62E-10	6.32E-09	1.39E-09	2.28E-09	3.61E-09	6.37E-10	3.19E-09	1.77E-08
5346	486863.09	3866377.25	2.25E-05	2.76E-05	2.42E-05	7.80E-09	2.35E-08	1.36E-08	1.67E-08	1.51E-08	6.91E-09	6.06E-09	2.60E-10	6.29E-09	1.39E-09	2.27E-09	3.60E-09	6.34E-10	3.18E-09	1.76E-08
5347	487363.09	3866377.25	2.29E-05	2.80E-05	2.46E-05	7.92E-09	2.39E-08	1.38E-08	1.70E-08	1.54E-08	7.02E-09	6.15E-09	2.65E-10	6.39E-09	1.41E-09	2.30E-09	3.65E-09	6.44E-10	3.23E-09	1.79E-08
5348	487863.09	3866377.25	2.32E-05	2.84E-05	2.49E-05	8.02E-09	2.42E-08	1.40E-08	1.72E-08	1.56E-08	7.10E-09	6.23E-09	2.68E-10	6.47E-09	1.43E-09	2.33E-09	3.70E-09	6.52E-10	3.27E-09	1.81E-08
5349	488363.09	3866377.25	2.32E-05	2.84E-05	2.49E-05	8.03E-09	2.42E-08	1.40E-08	1.72E-08	1.56E-08	7.11E-09	6.24E-09	2.68E-10	6.47E-09	1.43E-09	2.33E-09	3.70E-09	6.52E-10	3.27E-09	1.81E-08
5350	488863.09	3866377.25	2.34E-05	2.86E-05	2.51E-05	8.10E-09	2.45E-08	1.42E-08	1.73E-08	1.57E-08	7.17E-09	6.29E-09	2.71E-10	6.53E-09	1.44E-09	2.35E-09	3.74E-09	6.58E-10	3.30E-09	1.83E-08
5351	489363.09	3866377.25	2.33E-05	2.86E-05	2.51E-05	8.09E-09	2.44E-08	1.41E-08	1.73E-08	1.57E-08	7.16E-09	6.28E-09	2.70E-10	6.52E-09	1.44E-09	2.35E-09	3.73E-09	6.57E-10	3.30E-09	1.83E-08
5352	489863.09	3866377.25	2.31E-05	2.83E-05	2.48E-05	8.01E-09	2.42E-08	1.40E-08	1.72E-08	1.55E-08	7.09E-09	6.22E-09	2.68E-10	6.46E-09	1.43E-09	2.33E-09	3.69E-09	6.51E-10	3.27E-09	1.81E-08
5353	490363.09	3866377.25	2.27E-05	2.78E-05	2.44E-05	7.86E-09	2.37E-08	1.37E-08	1.68E-08	1.53E-08	6.96E-09	6.10E-09	2.62E-10	6.34E-09	1.40E-09	2.28E-09	3.62E-09	6.39E-10	3.20E-09	1.78E-08
5354	490863.09	3866377.25	2.24E-05	2.74E-05	2.41E-05	7.77E-09	2.34E-08	1.36E-08	1.66E-08	1.51E-08	6.88E-09	6.03E-09	2.59E-10	6.26E-09	1.38E-09	2.26E-09	3.58E-09	6.31E-10	3.17E-09	1.75E-08
5355	491363.09	3866377.25	2.26E-05	2.77E-05	2.43E-05	7.83E-09	2.36E-08	1.37E-08	1.68E-08	1.52E-08	6.93E-09	6.08E-09	2.61E-10	6.31E-09	1.39E-09	2.27E-09	3.61E-09	6.36E-10	3.19E-09	1.77E-08
5356	491863.09	3866377.25	2.23E-05	2.73E-05	2.39E-05	7.72E-09	2.33E-08	1.35E-08	1.65E-08	1.50E-08	6.84E-09	6.00E-09	2.58E-10	6.23E-09	1.37E-09	2.25E-09	3.56E-09	6.28E-10	3.15E-09	1.74E-08
5357	492363.09	3866377.25	2.26E-05	2.77E-05	2.43E-05	7.85E-09	2.37E-08	1.37E-08	1.68E-08	1.52E-08	6.95E-09	6.10E-09	2.62E-10	6.33E-09	1.40E-09	2.28E-09	3.62E-09	6.38E-10	3.20E-09	1.77E-08
5358	492863.09	3866377.25	2.14E-05	2.62E-05	2.29E-05	7.40E-09	2.23E-08	1.29E-08	1.58E-08	1.44E-08	6.55E-09	5.74E-09	2.47E-10	5.97E-09	1.32E-09	2.15E-09	3.41E-09	6.01E-10	3.01E-09	1.67E-08
5359	493363.09	3866377.25	2.15E-05	2.64E-05	2.31E-05	7.47E-09	2.25E-08	1.31E-08	1.60E-08	1.45E-08	6.61E-09	5.80E-09	2.49E-10	6.02E-09	1.33E-09	2.17E-09	3.44E-09	6.07E-10	3.04E-09	1.69E-08
5360	493863.09	3866377.25	2.26E-05	2.76E-05	2.42E-05	7.82E-09	2.36E-08	1.37E-08	1.67E-08	1.52E-08	6.92E-09	6.07E-09	2.61E-10	6.31E-09	1.39E-09	2.27E-09	3.60E-09	6.35E-10	3.19E-09	1.77E-08
5361	494363.09	3866377.25	2.33E-05	2.85E-05	2.50E-05	8.07E-09	2.44E-08	1.41E-08	1.73E-08	1.57E-08	7.15E-09	6.27E-09	2.70E-10	6.51E-09	1.44E-09	2.35E-09	3.72E-09	6.56E-10	3.29E-09	1.82E-08
5362	494863.09	3866377.25	2.29E-05	2.81E-05	2.46E-05	7.95E-09	2.40E-08	1.39E-08	1.70E-08	1.54E-08	7.04E-09	6.17E-09	2.66E-10	6.41E-09	1.42E-09	2.31E-09	3.67E-09	6.46E-10	3.24E-09	1.80E-08
5363	495363.09	3866377.25	2.22E-05	2.72E-05	2.39E-05	7.70E-09	2.33E-08	1.35E-08	1.65E-08	1.49E-08	6.82E-09	5.98E-09	2.57E-10	6.21E-09	1.37E-09	2.24E-09	3.55E-09	6.26E-10	3.14E-09	1.74E-08
5364	495863.09	3866377.25	2.26E-05	2.77E-05	2.43E-05	7.84E-09	2.37E-08	1.37E-08	1.68E-08	1.52E-08	6.95E-09	6.09E-09	2.62E-10	6.33E-09	1.40E-09	2.28E-09	3.62E-09	6.37E-10	3.20E-09	1.77E-08
5365	496363.09	3866377.25	2.40E-05	2.94E-05	2.57E-05	8.31E-09	2.51E-08	1.45E-08	1.78E-08	1.61E-08	7.36E-09	6.45E-09	2.77E-10	6.70E-09	1.48E-09	2.41E-09	3.83E-09	6.75E-10	3.38E-09	1.88E-08
5366	496863.09	3866377.25	2.42E-05	2.96E-05	2.60E-05	8.39E-09	2.53E-08	1.47E-08	1.80E-08	1.63E-08	7.43E-09	6.51E-09	2.80E-10	6.77E-09	1.49E-09	2.44E-09	3.87E-09	6.82E-10	3.42E-09	1.89E-08
5367	497363.09	3866377.25	2.38E-05	2.91E-05	2.55E-05	8.24E-09	2.49E-08	1.44E-08	1.76E-08	1.60E-08	7.30E-09	6.40E-09	2.75E-10	6.65E-09	1.47E-09	2.40E-09	3.80E-09	6.70E-10	3.36E-09	1.86E-08
5368	497863.09	3866377.25	2.28E-05	2.80E-05	2.45E-05	7.91E-09	2.39E-08	1.38E-08	1.69E-08	1.54E-08	7.01E-09	6.14E-09	2.64E-10	6.38E-09	1.41E-09	2.30E-09	3.65E-09	6.43E-10	3.22E-09	1.79E-08
5369	498363.09	3866377.25	2.08E-05	2.55E-05	2.23E-05	7.21E-09	2.18E-08	1.26E-08	1.54E-08	1.40E-08	6.38E-09	5.60E-09	2.41E-10	5.81E-09	1.28E-09	2.10E-09	3.32E-09	5.86E-10	2.94E-09	1.63E-08
5370	474494.92	3848334.16	1.52E-05	1.86E-05	1.63E-05	5.25E-09	1.59E-08	9.18E-09	1.12E-08	1.02E-08	4.65E-09	4.08E-09	1.75E-10	4.24E-09	9.35E-10	1.53E-09	2.42E-09	4.27E-10	2.14E-09	1.19E-08
5371	475167.27	3848920.79	1.73E-05	2.12E-05	1.86E-05	5.99E-09	1.81E-08	1.05E-08	1.28E-08	1.16E-08	5.31E-09	4.66E-09	2.00E-10	4.84E-09	1.07E-09	1.74E-09	2.76E-09	4.87E-10	2.44E-09	1.35E-08
5372	475297.89	3848997.96	1.76E-05	2.16E-05	1.89E-05	6.10E-09	1.84E-08	1.07E-08	1.31E-08	1.18E-08	5.41E-09	4.74E-09	2.04E-10	4.92E-09	1.09E-09	1.77E-09	2.81E-09	4.96E-10	2.49E-09	1.38E-08
5373	475439.05	3849062	1.76E-05	2.15E-05	1.89E-05	6.09E-09	1.84E-08	1.06E-08	1.30E-08	1.18E-08	5.39E-09	4.73E-09	2.03E-10	4.91E-09	1.08E-09	1.77E-09	2.81E-09	4.95E-10	2.48E-09	1.38E-08
5374	475486.86	3849061.09	1.75E-05	2.14E-05	1.88E-05	6.06E-09	1.83E-08	1.06E-08	1.30E-08	1.18E-08	5.36E-09	4.70E-09	2.02E-10	4.89E-09	1.08E-09	1.76E-09	2.79E-09	4.92E-10	2.47E-09	1.37E-08
5375	475538.46	3849075.56	1.76E-05	2.16E-05	1.89E-05	6.10E-09	1.84E-08	1.07E-08	1.31E-08	1.18E-08	5.40E-09	4.74E-09	2.04E-10	4.92E-09	1.09E-09	1.77E-09	2.81E-09	4.96E-10	2.49E-09	1.38E-08
5376	475751.79	3849137.15	1.83E-05	2.25E-05	1.97E-05	6.35E-09	1.92E-08	1.11E-08	1.36E-08	1.23E-08	5.63E-09	4.93E-09	2.12E-10	5.12E-09	1.13E-09	1.85E-09	2.93E-09	5.16E-10	2.59E-09	1.44E-08
5377	476303.62	3849223.38	1.93E-05	2.36E-05	2.07E-05	6.67E-09	2.02E-08	1.17E-08	1.43E-08	1.30E-08	5.91E-09	5.18E-09	2.23E-10	5.38E-09	1.19E-09	1.94E-09	3.08E-09	5.42E-10	2.72E-09	1.51E-08
5378	476304.51	3849238.92	1.94E-05	2.37E-05	2.08E-05	6.71E-09	2.03E-08	1.17E-08	1.44E-08	1.30E-08	5.94E-09	5.21E-09	2.24E-10	5.41E-09	1.19E-09	1.95E-09	3.09E-09	5.45E-10	2.73E-09	1.52E-08
5379	476365.04	3849247.98	1.95E-05	2.38E-05	2.09E-05	6.74E-09	2.04E-08	1.18E-08	1.44E-08	1.31E-08	5.97E-09	5.24E-09	2.25E-10	5.44E-09	1.20E-09	1.96E-09	3.11E-09	5.48E-10	2.75E-09	1.52E-08
5380	476444.86	3849267.13	1.95E-05	2.39E-05	2.09E-05	6.75E-09	2.04E-08	1.18E-08	1.44E-08	1.31E-08	5.98E-09	5.24E-09	2.25E-10	5.44E-09	1.20E-09	1.96E-09	3.11E-09	5.48E-10	2.75E-09	1.52E-08
5381	476550.75	3849300.66	1.98E-05	2.42E-05	2.13E-05	6.85E-09	2.07E-08	1.20E-08	1.47E-08	1.33E-08	6.07E-09	5.32E-09	2.29E-10	5.53E-09	1.22E-09	1.99E-09	3.16E-09	5.57E-10	2.79E-09	1.55E-08
5382	476656.71	3849346.88	2.01E-05	2.46E-05	2.15E-05	6.95E-09	2.10E-08	1.21E-08	1.49E-08	1.35E-08	6.15E-09	5.40E-09	2.32E-10	5.61E-09	1.24E-09	2.02E-09	3.20E-09	5.65E-10	2.83E-09	1.57E-08
5383	476873.55	3849454.53	2.08E-05	2.55E-05	2.24E-05	7.22E-09	2.18E-08	1.26E-08	1.55E-08	1.40E-08	6.39E-09	5.61E-09	2.41E-10	5.82E-09	1.28E-09	2.10E-09	3.33E-09	5.87E-10	2.94E-09	1.63E-08

5384	477700	3849859.7	2.38E-05	2.91E-05	2.56E-05	8.25E-09	2.49E-08	1.44E-08	1.77E-08	1.60E-08	7.30E-09	6.41E-09	2.75E-10	6.65E-09	1.47E-09	2.40E-09	3.80E-09	6.70E-10	3.36E-09	1.86E-08
5385	477743.16	3849856.38	2.35E-05	2.88E-05	2.52E-05	8.14E-09	2.46E-08	1.42E-08	1.74E-08	1.58E-08	7.21E-09	6.33E-09	2.72E-10	6.57E-09	1.45E-09	2.37E-09	3.75E-09	6.62E-10	3.32E-09	1.84E-08
5386	478477.35	3850216.33	2.55E-05	3.13E-05	2.74E-05	8.85E-09	2.67E-08	1.55E-08	1.90E-08	1.72E-08	7.84E-09	6.88E-09	2.96E-10	7.14E-09	1.58E-09	2.57E-09	4.08E-09	7.19E-10	3.61E-09	2.00E-08
5387	478485.8	3850201.6	2.55E-05	3.12E-05	2.74E-05	8.83E-09	2.67E-08	1.54E-08	1.89E-08	1.71E-08	7.82E-09	6.86E-09	2.95E-10	7.12E-09	1.57E-09	2.57E-09	4.07E-09	7.18E-10	3.60E-09	1.99E-08
5388	479113.21	3850501.53	3.09E-05	3.78E-05	3.32E-05	1.07E-08	3.23E-08	1.87E-08	2.29E-08	2.08E-08	9.48E-09	8.32E-09	3.57E-10	8.63E-09	1.90E-09	3.11E-09	4.93E-09	8.70E-10	4.36E-09	2.42E-08
5389	479108.11	3850382.28	3.07E-05	3.76E-05	3.30E-05	1.07E-08	3.22E-08	1.86E-08	2.28E-08	2.07E-08	9.43E-09	8.28E-09	3.56E-10	8.59E-09	1.90E-09	3.10E-09	4.91E-09	8.66E-10	4.34E-09	2.41E-08
5390	479689.85	3850674.28	3.66E-05	4.48E-05	3.93E-05	1.27E-08	3.83E-08	2.22E-08	2.72E-08	2.46E-08	1.12E-08	9.85E-09	4.23E-10	1.02E-08	2.26E-09	3.69E-09	5.85E-09	1.03E-09	5.17E-09	2.86E-08
5391	479952.42	3850774.28	4.03E-05	4.94E-05	4.33E-05	1.40E-08	4.22E-08	2.44E-08	2.99E-08	2.71E-08	1.24E-08	1.08E-08	4.66E-10	1.13E-08	2.49E-09	4.06E-09	6.44E-09	1.13E-09	5.69E-09	3.15E-08
5392	479911.32	3850884.85	3.97E-05	4.86E-05	4.26E-05	1.37E-08	4.15E-08	2.40E-08	2.94E-08	2.67E-08	1.22E-08	1.07E-08	4.59E-10	1.11E-08	2.45E-09	3.99E-09	6.34E-09	1.12E-09	5.60E-09	3.10E-08
5393	480500.92	3851178.12	4.87E-05	5.97E-05	5.24E-05	1.69E-08	5.10E-08	2.95E-08	3.62E-08	3.28E-08	1.50E-08	1.31E-08	5.64E-10	1.36E-08	3.01E-09	4.91E-09	7.79E-09	1.37E-09	6.89E-09	3.82E-08
5394	480738.01	3851289.27	5.26E-05	6.44E-05	5.65E-05	1.82E-08	5.50E-08	3.18E-08	3.90E-08	3.54E-08	1.61E-08	1.42E-08	6.08E-10	1.47E-08	3.24E-09	5.30E-09	8.40E-09	1.48E-09	7.43E-09	4.11E-08
5395	481055.42	3851443.58	5.76E-05	7.05E-05	6.18E-05	1.99E-08	6.02E-08	3.49E-08	4.27E-08	3.87E-08	1.77E-08	1.55E-08	6.66E-10	1.61E-08	3.55E-09	5.80E-09	9.20E-09	1.62E-09	8.13E-09	4.51E-08
5396	481110.22	3851443.15	5.81E-05	7.11E-05	6.24E-05	2.01E-08	6.08E-08	3.52E-08	4.31E-08	3.91E-08	1.78E-08	1.56E-08	6.72E-10	1.62E-08	3.58E-09	5.85E-09	9.28E-09	1.64E-09	8.21E-09	4.55E-08
5397	481111.1	3851417.45	5.77E-05	7.07E-05	6.20E-05	2.00E-08	6.04E-08	3.50E-08	4.28E-08	3.88E-08	1.77E-08	1.55E-08	6.68E-10	1.61E-08	3.56E-09	5.82E-09	9.23E-09	1.63E-09	8.16E-09	4.52E-08
5398	482248.44	3852605.09	9.83E-05	1.20E-04	1.06E-04	3.41E-08	1.03E-07	5.95E-08	7.29E-08	6.61E-08	3.02E-08	2.65E-08	1.14E-09	2.75E-08	6.06E-09	9.90E-09	1.57E-08	2.77E-09	1.39E-08	7.70E-08
5399	482273.34	3852632.31	9.99E-05	1.22E-04	1.07E-04	3.46E-08	1.05E-07	6.05E-08	7.41E-08	6.72E-08	3.07E-08	2.69E-08	1.16E-09	2.79E-08	6.16E-09	1.01E-08	1.60E-08	2.81E-09	1.41E-08	7.82E-08
5400	482665.46	3853038.72	1.33E-04	1.63E-04	1.43E-04	4.62E-08	1.40E-07	8.08E-08	9.89E-08	8.97E-08	4.09E-08	3.59E-08	1.54E-09	3.73E-08	8.22E-09	1.34E-08	2.13E-08	3.76E-09	1.88E-08	1.04E-07
5401	483077.95	3853844.31	1.40E-03	1.71E-03	1.51E-03	4.84E-07	1.46E-06	8.46E-07	1.04E-06	9.40E-07	4.29E-07	3.78E-07	1.62E-08	3.90E-07	8.61E-08	1.41E-07	2.23E-07	3.94E-08	1.98E-07	1.09E-06
5402	483121.38	3853909.38	1.32E-03	1.62E-03	1.42E-03	4.57E-07	1.38E-06	7.99E-07	9.79E-07	8.88E-07	4.05E-07	3.57E-07	1.53E-08	3.69E-07	8.14E-08	1.33E-07	2.11E-07	3.72E-08	1.87E-07	1.03E-06
5403	483492.64	3853911.49	6.71E-04	8.22E-04	7.23E-04	2.32E-07	7.02E-07	4.06E-07	4.98E-07	4.51E-07	2.06E-07	1.81E-07	7.76E-09	1.87E-07	4.14E-08	6.76E-08	1.07E-07	1.89E-08	9.50E-08	5.25E-07
5404	483498.29	3854204.73	9.22E-04	1.13E-03	9.93E-04	3.19E-07	9.64E-07	5.58E-07	6.84E-07	6.20E-07	2.83E-07	2.49E-07	1.07E-08	2.58E-07	5.68E-08	9.29E-08	1.47E-07	2.60E-08	1.31E-07	7.22E-07
5405	484132.44	3854662.55	1.89E-03	2.31E-03	2.03E-03	6.54E-07	1.97E-06	1.14E-06	1.40E-06	1.27E-06	5.79E-07	5.09E-07	2.18E-08	5.27E-07	1.16E-07	1.90E-07	3.02E-07	5.31E-08	2.67E-07	1.48E-06
5406	484627.62	3854876.13	7.16E-03	8.78E-03	7.68E-03	2.48E-06	7.49E-06	4.34E-06	5.32E-06	4.82E-06	2.20E-06	1.92E-06	8.29E-08	2.00E-06	4.42E-07	7.22E-07	1.14E-06	2.02E-07	1.01E-06	5.61E-06
5407	484756.14	3854949.04	6.86E-03	8.41E-03	7.33E-03	2.38E-06	7.18E-06	4.16E-06	5.09E-06	4.62E-06	2.11E-06	1.84E-06	7.94E-08	1.92E-06	4.23E-07	6.91E-07	1.10E-06	1.93E-07	9.64E-07	5.37E-06
5408	486697.51	3856599.17	6.58E-03	8.06E-03	7.11E-03	2.28E-06	6.89E-06	3.99E-06	4.89E-06	4.43E-06	2.02E-06	1.78E-06	7.62E-08	1.84E-06	4.06E-07	6.63E-07	1.05E-06	1.85E-07	9.35E-07	5.16E-06
5409	487105.31	3856962.27	6.22E-03	7.61E-03	6.70E-03	2.15E-06	6.50E-06	3.77E-06	4.61E-06	4.18E-06	1.91E-06	1.68E-06	7.19E-08	1.74E-06	3.83E-07	6.26E-07	9.93E-07	1.75E-07	8.81E-07	4.87E-06
5410	487157.57	3856901.7	4.73E-03	5.79E-03	5.10E-03	1.64E-06	4.95E-06	2.87E-06	3.51E-06	3.18E-06	1.45E-06	1.28E-06	5.47E-08	1.32E-06	2.92E-07	4.77E-07	7.56E-07	1.33E-07	6.71E-07	3.71E-06
5411	487173.5	3856853.74	4.18E-03	5.12E-03	4.51E-03	1.45E-06	4.38E-06	2.53E-06	3.10E-06	2.81E-06	1.28E-06	1.13E-06	4.84E-08	1.17E-06	2.58E-07	4.21E-07	6.69E-07	1.18E-07	5.93E-07	3.28E-06
5412	487564.41	3856860.83	2.50E-03	3.07E-03	2.69E-03	8.67E-07	2.62E-06	1.52E-06	1.86E-06	1.68E-06	7.68E-07	6.75E-07	2.90E-08	7.00E-07	1.54E-07	2.52E-07	4.00E-07	7.05E-08	3.54E-07	1.96E-06
5413	487563.31	3856931.58	2.57E-03	3.15E-03	2.76E-03	8.92E-07	2.69E-06	1.56E-06	1.91E-06	1.73E-06	7.90E-07	6.93E-07	2.98E-08	7.19E-07	1.59E-07	2.59E-07	4.11E-07	7.25E-08	3.63E-07	2.01E-06
5414	487782.7	3856926.85	2.11E-03	2.58E-03	2.26E-03	7.30E-07	2.20E-06	1.28E-06	1.56E-06	1.42E-06	6.46E-07	5.66E-07	2.44E-08	5.89E-07	1.30E-07	2.12E-07	3.37E-07	5.93E-08	2.97E-07	1.65E-06
5415	487782.39	3856757.07	1.98E-03	2.42E-03	2.13E-03	6.85E-07	2.07E-06	1.20E-06	1.47E-06	1.33E-06	6.07E-07	5.33E-07	2.29E-08	5.53E-07	1.22E-07	1.99E-07	3.16E-07	5.57E-08	2.80E-07	1.55E-06
5416	487917.26	3856752.41	1.79E-03	2.20E-03	1.93E-03	6.21E-07	1.88E-06	1.09E-06	1.33E-06	1.21E-06	5.50E-07	4.83E-07	2.07E-08	5.01E-07	1.11E-07	1.81E-07	2.86E-07	5.05E-08	2.54E-07	1.40E-06
5417	487919.57	3856953.35	1.91E-03	2.34E-03	2.05E-03	6.63E-07	2.00E-06	1.16E-06	1.42E-06	1.29E-06	5.87E-07	5.13E-07	2.21E-08	5.35E-07	1.18E-07	1.93E-07	3.06E-07	5.39E-08	2.69E-07	1.50E-06
5418	487932.76	3857000.32	1.93E-03	2.36E-03	2.06E-03	6.68E-07	2.02E-06	1.17E-06	1.43E-06	1.30E-06	5.91E-07	5.16E-07	2.23E-08	5.38E-07	1.19E-07	1.94E-07	3.08E-07	5.42E-08	2.71E-07	1.51E-06
5419	487960.5	3857044.75	1.92E-03	2.35E-03	2.05E-03	6.65E-07	2.01E-06	1.16E-06	1.42E-06	1.29E-06	5.89E-07	5.13E-07	2.22E-08	5.36E-07	1.18E-07	1.93E-07	3.07E-07	5.40E-08	2.69E-07	1.50E-06
5420	488016.54	3857089.54	1.88E-03	2.30E-03	2.00E-03	6.50E-07	1.96E-06	1.14E-06	1.39E-06	1.26E-06	5.76E-07	5.01E-07	2.17E-08	5.24E-07	1.16E-07	1.89E-07	3.00E-07	5.28E-08	2.63E-07	1.47E-06
5421	488114.39	3857165.47	1.80E-03	2.20E-03	1.91E-03	6.23E-07	1.88E-06	1.09E-06	1.33E-06	1.21E-06	5.52E-07	4.79E-07	2.08E-08	5.03E-07	1.11E-07	1.81E-07	2.87E-07	5.07E-08	2.52E-07	1.41E-06
5422	488171.49	3857234.24	1.76E-03	2.16E-03	1.87E-03	6.10E-07	1.84E-06	1.07E-06	1.31E-06	1.18E-06	5.41E-07	4.69E-07	2.04E-08	4.92E-07	1.09E-07	1.77E-07	2.81E-07	4.96E-08	2.46E-07	1.38E-06
5423	488193.16	3857297.8	1.76E-03	2.15E-03	1.87E-03	6.09E-07	1.84E-06	1.07E-06	1.30E-06	1.18E-06	5.40E-07	4.68E-07	2.03E-08	4.92E-07	1.08E-07	1.77E-07	2.81E-07	4.95E-08	2.46E-07	1.37E-06
5424	488189.27	3857649.94	1.91E-03	2.33E-03	2.04E-03	6.61E-07	2.00E-06	1.15E-06	1.41E-06	1.28E-06	5.85E-07	5.11E-07	2.21E-08	5.33E-07	1.18E-07	1.92E-07	3.05E-07	5.37E-08	2.68E-07	1.49E-06
5425	488127.43	3857732.32	2.07E-03	2.53E-03	2.22E-03	7.16E-07	2.16E-06	1.25E-06	1.53E-06	1.39E-06	6.34E-07	5.55E-07	2.39E-08	5.78E-07	1.27E-07	2.08E-07	3.30E-07	5.82E-08	2.91E-07	1.62E-06
5426	488149.93	3857752.94	1.99E-03	2.44E-03	2.14E-03	6.90E-07	2.08E-06	1.21E-06	1.48E-06	1.34E-06	6.11E-07	5.35E-07	2.30E-08	5.57E-07	1.23E-07	2.01E-07	3.18E-07	5.61E-08	2.81E-07	1.56E-06
5427	488144.76	3857758.71	2.00E-03	2.45E-03	2.15E-03	6.94E-07	2.09E-06	1.21E-06	1.48E-06	1.35E-06	6.14E-07	5.38E-07	2.32E-08	5.60E-07	1.23E-07	2.02E-07	3.20E-07	5.64E-08	2.82E-07	1.57E-06
5428	488335.58	3857932.55	1.41E-03	1.72E-03	1.51E-03	4.88E-07	1.47E-06	8.53E-07	1.04E-06	9.47E-07	4.32E-07	3.79E-07	1.63E-08	3.94E-07	8.69E-08	1.42E-07	2.25E-07	3.96E-08	1.99E-07	1.10E-06
5429	488372.29	3857943.79	1.36E-03	1.66E-03	1.46E-03	4.70E-07	1.42E-06	8.21E-07	1.01E-06	9.11E-07	4.16E-07	3.65E-07	1.57E-08	3.79E-07	8.36E-08	1.37E-07	2.17E-07	3.82E-08	1.91E-07	1.06E-06
5430	488828.64	3857936.4	1.01E-03	1.24E-03	1.08E-03	3.50E-07	1.06E-06	6.12E-07	7.49E-07	6.79E-07	3.10E-07	2.71E-07	1.17E-08	2.82E-07	6.23E-08	1.02E-07	1.61E-07	2.84E-08	1.42E-07	7.90E-07
5431	488829.08	3857959.58	1.00E-03	1.23E-03	1.07E-03	3.47E-07	1.05E-06	6.06E-07	7.42E-07	6.73E-07	3.07E-07	2.69E-07	1.16E-08	2.80E-07	6.17E-08	1.01E-07	1.60E-07	2.82E-08	1.41E-07	7.83E-07
5432	488351.61	3857964.55	1.36E-03	1.67E-03	1.46E-03	4.72E-07	1.43E-06	8.25E-07	1.01E-06	9.16E-07	4.18E-07	3.67E-07	1.58E-08	3.81E-07	8.41E-08	1.37E-07	2.18E-07	3.84E-08	1.92E-07	1.07E-06
5433	488316.87	3857947.65	1.42E-03	1.73E-03	1.52E-03	4.91E-07	1.48E-06	8.58E-07	1.05E-06	9.52E-07	4.35E-07	3.81E-07	1.64E-08	3.96E-07	8.74E-08	1.43E-07	2.26E-07	3.99E-08	2.00E-07	1.11E-06
5434	488129.1	3857775.77	2.03E-03	2.49E-03	2.18E-03	7.03E-07	2.12E-06	1.23E-06	1.51E-06	1.36E-06	6.23E-07	5.46E-07	2.35E-08	5.67E-07	1.25E-07	2.04E-07	3.24E-07	5.71E-08	2.86E-07	1.59E-06
5435	488062.53	3857846.13	2.09E-03	2.56E-03	2.25E-03	7.26E-07	2.19E-06	1.27E-06	1.55E-06	1.41E-06	6.42E-07	5.64E-07	2.42E-08	5.85E-07	1.29E-07	2.11E-07	3.35E-07	5.90E-08	2.96E-07	1.64E-06
5436	488330.41	3858091.34	1.34E-03	1.64E-03	1.44E-03	4.65E-07	1.40E-06	8.12E-07	9.95E-07	9.02E-07	4.11E-07	3.61E-07	1.55E-08	3.75E-07	8.27E-08	1.35E-07	2.14E-07	3.78E-08	1.90E-07	1.05E-06
5437	488470.87	3858174.45	1.23E-03	1.50E-03	1.32E-03	4.26E-07	1.28E-06	7.44E-07	9.11E-07	8.26E-07	3.77E-07	3.31E-07	1.42E-08	3.43E-07	7.57E-08	1.24E-07	1.96E-07	3.46E-08	1.74E-07	9.61E-07
5438	488568.9	3858262.31	1.21E-03	1.48E-03	1.30E-03	4.19E-07	1.26E-06	7.32E-07	8.97E-07	8.13E-07	3.71E-07	3.26E-07	1.40E-08	3.38E-07	7.45E-08	1.22E-07	1.93E-07	3.40E-08	1.71E-07	9.46E-07

5439	488964.27	3858025.71	9.15E-04	1.12E-03	9.82E-04	3.17E-07	9.57E-07	5.54E-07	6.79E-07	6.15E-07	2.81E-07	2.46E-07	1.06E-08	2.56E-07	5.64E-08	9.21E-08	1.46E-07	2.58E-08	1.29E-07	7.16E-07
5440	489147.25	3857956.64	8.63E-04	1.06E-03	9.26E-04	2.99E-07	9.03E-07	5.23E-07	6.40E-07	5.81E-07	2.65E-07	2.32E-07	9.99E-09	2.41E-07	5.33E-08	8.70E-08	1.38E-07	2.43E-08	1.22E-07	6.76E-07
5441	489343.52	3857932.45	8.04E-04	9.85E-04	8.63E-04	2.79E-07	8.42E-07	4.87E-07	5.97E-07	5.41E-07	2.47E-07	2.16E-07	9.31E-09	2.25E-07	4.96E-08	8.10E-08	1.29E-07	2.27E-08	1.13E-07	6.29E-07
5442	489866.19	3857923.19	6.67E-04	8.17E-04	7.15E-04	2.31E-07	6.98E-07	4.04E-07	4.95E-07	4.49E-07	2.05E-07	1.79E-07	7.72E-09	1.86E-07	4.11E-08	6.72E-08	1.07E-07	1.88E-08	9.40E-08	5.22E-07
5443	489955.65	3857902.27	6.51E-04	7.97E-04	6.98E-04	2.26E-07	6.81E-07	3.94E-07	4.83E-07	4.38E-07	2.00E-07	1.75E-07	7.54E-09	1.82E-07	4.02E-08	6.56E-08	1.04E-07	1.83E-08	9.18E-08	5.09E-07
5444	490079.44	3857847.9	6.35E-04	7.77E-04	6.80E-04	2.20E-07	6.64E-07	3.84E-07	4.71E-07	4.27E-07	1.95E-07	1.70E-07	7.34E-09	1.77E-07	3.91E-08	6.39E-08	1.01E-07	1.79E-08	8.94E-08	4.96E-07
5445	490108.49	3857934.13	6.14E-04	7.52E-04	6.59E-04	2.13E-07	6.43E-07	3.72E-07	4.56E-07	4.13E-07	1.88E-07	1.65E-07	7.11E-09	1.72E-07	3.79E-08	6.19E-08	9.81E-08	1.73E-08	8.66E-08	4.81E-07
5446	489884.48	3858014.17	6.46E-04	7.91E-04	6.93E-04	2.24E-07	6.76E-07	3.91E-07	4.79E-07	4.35E-07	1.98E-07	1.74E-07	7.48E-09	1.81E-07	3.99E-08	6.51E-08	1.03E-07	1.82E-08	9.11E-08	5.06E-07
5447	489326.56	3858025.86	7.85E-04	9.62E-04	8.43E-04	2.72E-07	8.22E-07	4.76E-07	5.83E-07	5.28E-07	2.41E-07	2.11E-07	9.09E-09	2.20E-07	4.84E-08	7.91E-08	1.25E-07	2.21E-08	1.11E-07	6.15E-07
5448	489130.38	3858056.71	8.43E-04	1.03E-03	9.04E-04	2.92E-07	8.82E-07	5.10E-07	6.25E-07	5.67E-07	2.59E-07	2.27E-07	9.75E-09	2.36E-07	5.20E-08	8.49E-08	1.35E-07	2.37E-08	1.19E-07	6.59E-07
5449	488936.49	3858143.93	9.06E-04	1.11E-03	9.73E-04	3.14E-07	9.48E-07	5.49E-07	6.72E-07	6.09E-07	2.78E-07	2.44E-07	1.05E-08	2.53E-07	5.59E-08	9.12E-08	1.45E-07	2.55E-08	1.28E-07	7.09E-07
5450	488638.08	3858327.45	1.19E-03	1.46E-03	1.29E-03	4.14E-07	1.25E-06	7.24E-07	8.87E-07	8.04E-07	3.67E-07	3.22E-07	1.38E-08	3.34E-07	7.37E-08	1.20E-07	1.91E-07	3.37E-08	1.69E-07	9.36E-07
5451	488663.79	3858349.57	1.19E-03	1.46E-03	1.28E-03	4.12E-07	1.24E-06	7.20E-07	8.82E-07	8.00E-07	3.65E-07	3.21E-07	1.38E-08	3.32E-07	7.33E-08	1.20E-07	1.90E-07	3.35E-08	1.68E-07	9.31E-07
5452	488694.56	3858349.5	1.15E-03	1.41E-03	1.24E-03	3.99E-07	1.20E-06	6.97E-07	8.53E-07	7.74E-07	3.53E-07	3.10E-07	1.33E-08	3.21E-07	7.09E-08	1.16E-07	1.84E-07	3.24E-08	1.63E-07	9.01E-07
5453	488694.35	3858336.75	1.14E-03	1.39E-03	1.22E-03	3.94E-07	1.19E-06	6.89E-07	8.43E-07	7.65E-07	3.49E-07	3.07E-07	1.32E-08	3.18E-07	7.01E-08	1.15E-07	1.82E-07	3.20E-08	1.61E-07	8.90E-07
5454	488712.81	3858336.38	1.12E-03	1.37E-03	1.20E-03	3.87E-07	1.17E-06	6.76E-07	8.28E-07	7.50E-07	3.42E-07	3.01E-07	1.29E-08	3.12E-07	6.88E-08	1.12E-07	1.78E-07	3.14E-08	1.58E-07	8.74E-07
5455	488713.23	3858367.46	1.15E-03	1.41E-03	1.24E-03	3.98E-07	1.20E-06	6.95E-07	8.52E-07	7.72E-07	3.52E-07	3.10E-07	1.33E-08	3.21E-07	7.08E-08	1.16E-07	1.83E-07	3.23E-08	1.63E-07	8.99E-07
5456	488704.63	3858384.05	1.18E-03	1.44E-03	1.27E-03	4.09E-07	1.23E-06	7.14E-07	8.75E-07	7.93E-07	3.62E-07	3.18E-07	1.36E-08	3.30E-07	7.27E-08	1.19E-07	1.89E-07	3.32E-08	1.67E-07	9.24E-07
5457	488604.15	3858488.29	1.67E-03	2.05E-03	1.80E-03	5.79E-07	1.75E-06	1.01E-06	1.24E-06	1.12E-06	5.13E-07	4.51E-07	1.93E-08	4.67E-07	1.03E-07	1.68E-07	2.67E-07	4.70E-08	2.37E-07	1.31E-06
5458	488605.66	3858550.47	2.04E-03	2.50E-03	2.20E-03	7.07E-07	2.13E-06	1.24E-06	1.51E-06	1.37E-06	6.26E-07	5.51E-07	2.36E-08	5.70E-07	1.26E-07	2.06E-07	3.26E-07	5.75E-08	2.89E-07	1.60E-06
5459	488692.68	3858548.71	1.62E-03	1.98E-03	1.75E-03	5.61E-07	1.69E-06	9.81E-07	1.20E-06	1.09E-06	4.97E-07	4.38E-07	1.87E-08	4.53E-07	9.99E-08	1.63E-07	2.59E-07	4.56E-08	2.30E-07	1.27E-06
5460	488759.93	3858461.81	1.22E-03	1.49E-03	1.31E-03	4.21E-07	1.27E-06	7.37E-07	9.02E-07	8.18E-07	3.73E-07	3.28E-07	1.41E-08	3.40E-07	7.50E-08	1.23E-07	1.94E-07	3.43E-08	1.72E-07	9.53E-07
5461	488816.57	3858541.79	1.27E-03	1.56E-03	1.37E-03	4.40E-07	1.33E-06	7.70E-07	9.43E-07	8.55E-07	3.90E-07	3.43E-07	1.47E-08	3.55E-07	7.84E-08	1.28E-07	2.03E-07	3.58E-08	1.80E-07	9.95E-07
5462	488944.63	3858656.77	1.27E-03	1.55E-03	1.36E-03	4.38E-07	1.32E-06	7.66E-07	9.39E-07	8.51E-07	3.88E-07	3.42E-07	1.46E-08	3.54E-07	7.80E-08	1.27E-07	2.02E-07	3.56E-08	1.79E-07	9.91E-07
5463	489134.91	3858830.7	1.01E-03	1.24E-03	1.09E-03	3.50E-07	1.06E-06	6.12E-07	7.50E-07	6.80E-07	3.10E-07	2.73E-07	1.17E-08	2.82E-07	6.23E-08	1.02E-07	1.62E-07	2.85E-08	1.43E-07	7.92E-07
5464	489193.99	3858886.05	7.89E-04	9.66E-04	8.50E-04	2.73E-07	8.25E-07	4.78E-07	5.85E-07	5.31E-07	2.42E-07	2.13E-07	9.13E-09	2.20E-07	4.87E-08	7.95E-08	1.26E-07	2.22E-08	1.12E-07	6.18E-07
5465	489295.2	3858954.34	5.73E-04	7.01E-04	6.17E-04	1.98E-07	5.99E-07	3.47E-07	4.25E-07	3.85E-07	1.76E-07	1.55E-07	6.63E-09	1.60E-07	3.53E-08	5.77E-08	9.15E-08	1.61E-08	8.11E-08	4.48E-07
5466	489295.64	3858992.74	5.14E-04	6.29E-04	5.53E-04	1.78E-07	5.38E-07	3.11E-07	3.81E-07	3.46E-07	1.58E-07	1.39E-07	5.94E-09	1.44E-07	3.17E-08	5.18E-08	8.21E-08	1.45E-08	7.28E-08	4.02E-07
5467	489183.74	3858911.72	7.40E-04	9.06E-04	7.97E-04	2.56E-07	7.74E-07	4.48E-07	5.49E-07	4.98E-07	2.27E-07	2.00E-07	8.56E-09	2.07E-07	4.56E-08	7.45E-08	1.18E-07	2.08E-08	1.05E-07	5.79E-07
5468	488873.37	3858625.59	1.35E-03	1.65E-03	1.46E-03	4.68E-07	1.41E-06	8.18E-07	1.00E-06	9.08E-07	4.15E-07	3.65E-07	1.56E-08	3.77E-07	8.33E-08	1.36E-07	2.16E-07	3.80E-08	1.92E-07	1.06E-06
5469	488842.84	3858658.69	1.55E-03	1.90E-03	1.68E-03	5.39E-07	1.63E-06	9.41E-07	1.15E-06	1.05E-06	4.77E-07	4.20E-07	1.80E-08	4.34E-07	9.59E-08	1.57E-07	2.48E-07	4.38E-08	2.20E-07	1.22E-06
5470	488856.39	3858670.93	1.56E-03	1.91E-03	1.68E-03	5.39E-07	1.63E-06	9.42E-07	1.15E-06	1.05E-06	4.77E-07	4.20E-07	1.80E-08	4.35E-07	9.59E-08	1.57E-07	2.49E-07	4.38E-08	2.21E-07	1.22E-06
5471	488805.7	3858724.5	2.18E-03	2.67E-03	2.35E-03	7.56E-07	2.28E-06	1.32E-06	1.62E-06	1.47E-06	6.69E-07	5.90E-07	2.52E-08	6.09E-07	1.34E-07	2.20E-07	3.49E-07	6.14E-08	3.09E-07	1.71E-06
5472	488805.87	3858804.16	3.62E-03	4.44E-03	3.91E-03	1.25E-06	3.79E-06	2.19E-06	2.69E-06	2.44E-06	1.11E-06	9.80E-07	4.19E-08	1.01E-06	2.23E-07	3.65E-07	5.79E-07	1.02E-07	5.14E-07	2.84E-06
5473	488995.78	3858936.96	8.47E-04	1.04E-03	9.13E-04	2.93E-07	8.86E-07	5.13E-07	6.28E-07	5.70E-07	2.60E-07	2.29E-07	9.80E-09	2.37E-07	5.22E-08	8.53E-08	1.35E-07	2.39E-08	1.20E-07	6.63E-07
5474	489130.76	3859017.38	5.06E-04	6.19E-04	5.44E-04	1.75E-07	5.29E-07	3.06E-07	3.75E-07	3.40E-07	1.55E-07	1.36E-07	5.85E-09	1.41E-07	3.12E-08	5.09E-08	8.08E-08	1.42E-08	7.16E-08	3.96E-07
5475	489130.92	3859052.24	4.43E-04	5.43E-04	4.77E-04	1.54E-07	4.64E-07	2.69E-07	3.29E-07	2.98E-07	1.36E-07	1.20E-07	5.13E-09	1.24E-07	2.73E-08	4.47E-08	7.08E-08	1.25E-08	6.27E-08	3.47E-07
5476	489200.33	3859090.6	3.94E-04	4.83E-04	4.24E-04	1.37E-07	4.12E-07	2.39E-07	2.92E-07	2.65E-07	1.21E-07	1.06E-07	4.56E-09	1.10E-07	2.43E-08	3.97E-08	6.30E-08	1.11E-08	5.58E-08	3.09E-07
5477	489296.07	3859143.7	3.45E-04	4.23E-04	3.72E-04	1.20E-07	3.61E-07	2.09E-07	2.56E-07	2.32E-07	1.06E-07	9.31E-08	4.00E-09	9.66E-08	2.13E-08	3.48E-08	5.52E-08	9.73E-09	4.89E-08	2.70E-07
5478	489296.43	3858954.74	5.71E-04	7.00E-04	6.15E-04	1.98E-07	5.98E-07	3.46E-07	4.24E-07	3.84E-07	1.75E-07	1.54E-07	6.61E-09	1.60E-07	3.52E-08	5.76E-08	9.13E-08	1.61E-08	8.09E-08	4.47E-07
5479	489410.33	3859033.19	4.38E-04	5.36E-04	4.71E-04	1.52E-07	4.58E-07	2.65E-07	3.25E-07	2.95E-07	1.34E-07	1.18E-07	5.07E-09	1.22E-07	2.70E-08	4.41E-08	7.00E-08	1.23E-08	6.20E-08	3.43E-07
5480	489371.37	3859089.8	3.89E-04	4.77E-04	4.19E-04	1.35E-07	4.07E-07	2.36E-07	2.89E-07	2.62E-07	1.20E-07	1.05E-07	4.51E-09	1.09E-07	2.40E-08	3.92E-08	6.22E-08	1.10E-08	5.51E-08	3.05E-07
5481	489390.52	3859102.82	3.77E-04	4.62E-04	4.06E-04	1.31E-07	3.94E-07	2.28E-07	2.80E-07	2.53E-07	1.16E-07	1.02E-07	4.36E-09	1.05E-07	2.32E-08	3.80E-08	6.02E-08	1.06E-08	5.33E-08	2.95E-07
5482	489382.3	3859114.53	3.68E-04	4.50E-04	3.96E-04	1.27E-07	3.85E-07	2.23E-07	2.73E-07	2.47E-07	1.13E-07	9.91E-08	4.26E-09	1.03E-07	2.27E-08	3.70E-08	5.88E-08	1.04E-08	5.20E-08	2.88E-07
5483	489363.04	3859102.45	3.79E-04	4.64E-04	4.08E-04	1.31E-07	3.96E-07	2.29E-07	2.81E-07	2.55E-07	1.16E-07	1.02E-07	4.38E-09	1.06E-07	2.34E-08	3.82E-08	6.05E-08	1.07E-08	5.36E-08	2.97E-07
5484	489337.52	3859140.71	3.48E-04	4.26E-04	3.74E-04	1.21E-07	3.64E-07	2.11E-07	2.58E-07	2.34E-07	1.07E-07	9.38E-08	4.02E-09	9.72E-08	2.15E-08	3.50E-08	5.56E-08	9.80E-09	4.92E-08	2.72E-07
5485	489375.14	3859164.55	3.30E-04	4.05E-04	3.55E-04	1.15E-07	3.46E-07	2.00E-07	2.45E-07	2.22E-07	1.01E-07	8.91E-08	3.82E-09	9.24E-08	2.04E-08	3.33E-08	5.28E-08	9.31E-09	4.67E-08	2.59E-07
5486	489409.3	3859114.5	3.66E-04	4.49E-04	3.94E-04	1.27E-07	3.83E-07	2.22E-07	2.72E-07	2.46E-07	1.12E-07	9.88E-08	4.24E-09	1.02E-07	2.26E-08	3.69E-08	5.85E-08	1.03E-08	5.18E-08	2.87E-07
5487	489434.87	3859131.81	3.52E-04	4.31E-04	3.79E-04	1.22E-07	3.69E-07	2.13E-07	2.61E-07	2.37E-07	1.08E-07	9.49E-08	4.08E-09	9.84E-08	2.17E-08	3.55E-08	5.63E-08	9.92E-09	4.98E-08	2.76E-07
5488	489471.87	3859075.75	3.91E-04	4.79E-04	4.21E-04	1.36E-07	4.09E-07	2.37E-07	2.90E-07	2.63E-07	1.20E-07	1.05E-07	4.53E-09	1.09E-07	2.41E-08	3.94E-08	6.25E-08	1.10E-08	5.54E-08	3.06E-07
5489	489602.62	3859164.69	3.24E-04	3.96E-04	3.48E-04	1.12E-07	3.39E-07	1.96E-07	2.40E-07	2.18E-07	9.93E-08	8.72E-08	3.74E-09	9.04E-08	2.00E-08	3.26E-08	5.17E-08	9.11E-09	4.58E-08	2.53E-07
5490	489558.29	3859232.45	2.91E-04	3.57E-04	3.13E-04	1.01E-07	3.05E-07	1.76E-07	2.16E-07	1.96E-07	8.93E-08	7.84E-08	3.37E-09	8.14E-08	1.80E-08	2.93E-08	4.65E-08	8.20E-09	4.12E-08	2.28E-07
5491	489620.11	3859273.56	2.73E-04	3.34E-04	2.93E-04	9.45E-08	2.85E-07	1.65E-07	2.02E-07	1.83E-07	8.37E-08	7.34E-08	3.15E-09	7.62E-08	1.68E-08	2.75E-08	4.36E-08	7.68E-09	3.85E-08	2.13E-07
5492	489666.06	3859206.42	3.00E-04	3.68E-04	3.23E-04	1.04E-07	3.14E-07	1.82E-07	2.23E-07	2.02E-07	9.22E-08	8.09E-08	3.48E-09	8.40E-08	1.85E-08	3.03E-08	4.80E-08	8.46E-09	4.25E-08	2.35E-07
5493	489787.9	3859285.65	2.66E-04	3.25E-04	2.86E-04	9.20E-08	2.78E-07	1.61E-07	1.97E-07	1.79E-07	8.15E-08	7.16E-08	3.07E-09	7.42E-08	1.64E-08	2.68E-08	4.24E-08	7.48E-09	3.76E-08	2.08E-07

5494	489752.17	3859343.13	2.47E-04	3.02E-04	2.65E-04	8.56E-08	2.58E-07	1.50E-07	1.83E-07	1.66E-07	7.58E-08	6.65E-08	2.86E-09	6.90E-08	1.52E-08	2.49E-08	3.95E-08	6.95E-09	3.49E-08	1.93E-07
5495	489814.94	3859385.33	2.34E-04	2.87E-04	2.52E-04	8.11E-08	2.45E-07	1.42E-07	1.74E-07	1.57E-07	7.18E-08	6.30E-08	2.71E-09	6.54E-08	1.44E-08	2.36E-08	3.74E-08	6.59E-09	3.31E-08	1.83E-07
5496	489853.42	3859330.74	2.50E-04	3.06E-04	2.68E-04	8.65E-08	2.61E-07	1.51E-07	1.85E-07	1.68E-07	7.66E-08	6.73E-08	2.89E-09	6.98E-08	1.54E-08	2.52E-08	3.99E-08	7.03E-09	3.53E-08	1.95E-07
5497	489969.5	3859401.91	2.28E-04	2.80E-04	2.46E-04	7.92E-08	2.39E-07	1.38E-07	1.69E-07	1.54E-07	7.01E-08	6.15E-08	2.64E-09	6.39E-08	1.41E-08	2.30E-08	3.65E-08	6.43E-09	3.23E-08	1.79E-07
5498	490166.91	3859486.96	2.07E-04	2.53E-04	2.22E-04	7.17E-08	2.17E-07	1.25E-07	1.54E-07	1.39E-07	6.35E-08	5.57E-08	2.39E-09	5.78E-08	1.28E-08	2.08E-08	3.31E-08	5.83E-09	2.92E-08	1.62E-07
5499	490128.86	3859571.46	1.90E-04	2.33E-04	2.05E-04	6.60E-08	1.99E-07	1.15E-07	1.41E-07	1.28E-07	5.85E-08	5.13E-08	2.20E-09	5.33E-08	1.18E-08	1.92E-08	3.04E-08	5.37E-09	2.69E-08	1.49E-07
5500	490186.65	3859593.65	1.86E-04	2.28E-04	2.00E-04	6.46E-08	1.95E-07	1.13E-07	1.38E-07	1.25E-07	5.72E-08	5.02E-08	2.16E-09	5.21E-08	1.15E-08	1.88E-08	2.98E-08	5.25E-09	2.63E-08	1.46E-07
5501	490223.74	3859517.48	2.01E-04	2.46E-04	2.15E-04	6.95E-08	2.10E-07	1.21E-07	1.49E-07	1.35E-07	6.15E-08	5.40E-08	2.32E-09	5.60E-08	1.24E-08	2.02E-08	3.20E-08	5.65E-09	2.83E-08	1.57E-07
5502	490846.34	3859817.22	1.56E-04	1.91E-04	1.67E-04	5.40E-08	1.63E-07	9.43E-08	1.16E-07	1.05E-07	4.78E-08	4.19E-08	1.80E-09	4.35E-08	9.60E-09	1.57E-08	2.49E-08	4.38E-09	2.20E-08	1.22E-07
5503	490925.65	3859844.59	1.53E-04	1.87E-04	1.64E-04	5.30E-08	1.60E-07	9.26E-08	1.13E-07	1.03E-07	4.69E-08	4.11E-08	1.77E-09	4.27E-08	9.43E-09	1.54E-08	2.44E-08	4.31E-09	2.16E-08	1.20E-07
5504	491159.29	3859896.28	1.46E-04	1.79E-04	1.57E-04	5.08E-08	1.53E-07	8.87E-08	1.09E-07	9.85E-08	4.49E-08	3.94E-08	1.69E-09	4.09E-08	9.03E-09	1.48E-08	2.34E-08	4.12E-09	2.07E-08	1.15E-07
5505	491370.69	3859960.89	1.39E-04	1.70E-04	1.49E-04	4.82E-08	1.46E-07	8.42E-08	1.03E-07	9.35E-08	4.27E-08	3.74E-08	1.61E-09	3.89E-08	8.58E-09	1.40E-08	2.22E-08	3.92E-09	1.96E-08	1.09E-07
5506	491330.28	3860063.17	1.29E-04	1.57E-04	1.38E-04	4.46E-08	1.35E-07	7.79E-08	9.54E-08	8.65E-08	3.95E-08	3.46E-08	1.49E-09	3.59E-08	7.93E-09	1.30E-08	2.05E-08	3.62E-09	1.82E-08	1.01E-07
5507	491636.45	3860180.75	1.20E-04	1.47E-04	1.29E-04	4.16E-08	1.26E-07	7.27E-08	8.90E-08	8.07E-08	3.68E-08	3.23E-08	1.39E-09	3.35E-08	7.40E-09	1.21E-08	1.92E-08	3.38E-09	1.69E-08	9.39E-08
5508	491617.94	3860203.93	1.18E-04	1.44E-04	1.27E-04	4.09E-08	1.23E-07	7.15E-08	8.75E-08	7.93E-08	3.62E-08	3.17E-08	1.37E-09	3.30E-08	7.28E-09	1.19E-08	1.89E-08	3.32E-09	1.67E-08	9.23E-08
5509	491805.68	3860271.59	1.14E-04	1.39E-04	1.22E-04	3.93E-08	1.19E-07	6.88E-08	8.42E-08	7.63E-08	3.48E-08	3.05E-08	1.31E-09	3.17E-08	7.00E-09	1.14E-08	1.81E-08	3.20E-09	1.60E-08	8.88E-08
5510	491654.23	3860414.02	1.04E-04	1.27E-04	1.12E-04	3.60E-08	1.09E-07	6.29E-08	7.70E-08	6.98E-08	3.19E-08	2.79E-08	1.20E-09	2.90E-08	6.40E-09	1.05E-08	1.66E-08	2.92E-09	1.47E-08	8.13E-08
5511	491592.62	3860510.76	9.75E-05	1.19E-04	1.05E-04	3.38E-08	1.02E-07	5.91E-08	7.24E-08	6.56E-08	2.99E-08	2.62E-08	1.13E-09	2.73E-08	6.02E-09	9.82E-09	1.56E-08	2.75E-09	1.38E-08	7.63E-08
5512	491475.41	3860368.93	1.05E-04	1.29E-04	1.13E-04	3.64E-08	1.10E-07	6.36E-08	7.79E-08	7.06E-08	3.22E-08	2.83E-08	1.22E-09	2.94E-08	6.48E-09	1.06E-08	1.68E-08	2.96E-09	1.48E-08	8.22E-08
5513	491445.61	3860337.28	1.07E-04	1.31E-04	1.15E-04	3.71E-08	1.12E-07	6.48E-08	7.93E-08	7.19E-08	3.28E-08	2.88E-08	1.24E-09	2.99E-08	6.59E-09	1.08E-08	1.71E-08	3.01E-09	1.51E-08	8.37E-08
5514	491399.05	3860300.37	1.09E-04	1.34E-04	1.18E-04	3.79E-08	1.14E-07	6.63E-08	8.12E-08	7.36E-08	3.36E-08	2.94E-08	1.27E-09	3.06E-08	6.75E-09	1.10E-08	1.75E-08	3.08E-09	1.55E-08	8.56E-08
5515	491228.84	3860235.98	1.14E-04	1.39E-04	1.22E-04	3.94E-08	1.19E-07	6.88E-08	8.43E-08	7.64E-08	3.49E-08	3.06E-08	1.31E-09	3.17E-08	7.01E-09	1.14E-08	1.81E-08	3.20E-09	1.60E-08	8.89E-08
5516	491228.47	3860174.57	1.18E-04	1.45E-04	1.27E-04	4.10E-08	1.24E-07	7.17E-08	8.78E-08	7.96E-08	3.63E-08	3.19E-08	1.37E-09	3.31E-08	7.30E-09	1.19E-08	1.89E-08	3.33E-09	1.67E-08	9.27E-08
5517	491145.77	3860112.55	1.24E-04	1.52E-04	1.33E-04	4.29E-08	1.29E-07	7.50E-08	9.18E-08	8.32E-08	3.80E-08	3.33E-08	1.43E-09	3.46E-08	7.63E-09	1.25E-08	1.98E-08	3.48E-09	1.75E-08	9.69E-08
5518	490844.41	3859966.22	1.38E-04	1.70E-04	1.49E-04	4.80E-08	1.45E-07	8.39E-08	1.03E-07	9.31E-08	4.25E-08	3.73E-08	1.60E-09	3.87E-08	8.54E-09	1.39E-08	2.21E-08	3.90E-09	1.96E-08	1.08E-07
5519	490845.55	3859928.15	1.42E-04	1.74E-04	1.53E-04	4.94E-08	1.49E-07	8.63E-08	1.06E-07	9.58E-08	4.37E-08	3.83E-08	1.65E-09	3.98E-08	8.79E-09	1.44E-08	2.28E-08	4.01E-09	2.01E-08	1.12E-07
5520	490046.91	3859625.6	1.82E-04	2.23E-04	1.95E-04	6.30E-08	1.90E-07	1.10E-07	1.35E-07	1.22E-07	5.58E-08	4.89E-08	2.10E-09	5.08E-08	1.12E-08	1.83E-08	2.90E-08	5.12E-09	2.57E-08	1.42E-07
5521	489970.48	3859589.4	1.88E-04	2.31E-04	2.02E-04	6.53E-08	1.97E-07	1.14E-07	1.40E-07	1.27E-07	5.78E-08	5.07E-08	2.18E-09	5.26E-08	1.16E-08	1.90E-08	3.01E-08	5.30E-09	2.66E-08	1.47E-07
5522	489865.89	3859529.06	2.00E-04	2.45E-04	2.15E-04	6.94E-08	2.09E-07	1.21E-07	1.48E-07	1.35E-07	6.14E-08	5.39E-08	2.32E-09	5.59E-08	1.23E-08	2.02E-08	3.20E-08	5.64E-09	2.83E-08	1.57E-07
5523	489826.89	3859531.74	2.00E-04	2.45E-04	2.15E-04	6.94E-08	2.09E-07	1.21E-07	1.48E-07	1.35E-07	6.14E-08	5.39E-08	2.32E-09	5.59E-08	1.23E-08	2.02E-08	3.20E-08	5.64E-09	2.83E-08	1.57E-07
5524	489410.47	3859303.06	2.63E-04	3.22E-04	2.83E-04	9.12E-08	2.75E-07	1.59E-07	1.95E-07	1.77E-07	8.08E-08	7.09E-08	3.05E-09	7.36E-08	1.62E-08	2.65E-08	4.21E-08	7.41E-09	3.72E-08	2.06E-07
5525	489407.15	3859286.09	2.69E-04	3.30E-04	2.89E-04	9.33E-08	2.82E-07	1.63E-07	2.00E-07	1.81E-07	8.26E-08	7.25E-08	3.11E-09	7.52E-08	1.66E-08	2.71E-08	4.30E-08	7.58E-09	3.80E-08	2.11E-07
5526	488806.07	3858963.62	6.47E-04	7.93E-04	6.98E-04	2.24E-07	6.78E-07	3.92E-07	4.81E-07	4.36E-07	1.99E-07	1.75E-07	7.49E-09	1.81E-07	3.99E-08	6.52E-08	1.03E-07	1.82E-08	9.17E-08	5.07E-07
5527	488817.64	3859546.3	2.00E-04	2.45E-04	2.15E-04	6.93E-08	2.09E-07	1.21E-07	1.48E-07	1.35E-07	6.14E-08	5.39E-08	2.31E-09	5.59E-08	1.23E-08	2.01E-08	3.20E-08	5.63E-09	2.83E-08	1.57E-07
5528	489187.25	3859549.52	2.04E-04	2.50E-04	2.19E-04	7.07E-08	2.14E-07	1.24E-07	1.51E-07	1.37E-07	6.26E-08	5.50E-08	2.36E-09	5.71E-08	1.26E-08	2.06E-08	3.26E-08	5.75E-09	2.88E-08	1.60E-07
5529	489187.66	3859523.74	2.10E-04	2.57E-04	2.25E-04	7.26E-08	2.19E-07	1.27E-07	1.55E-07	1.41E-07	6.43E-08	5.64E-08	2.42E-09	5.86E-08	1.29E-08	2.11E-08	3.35E-08	5.90E-09	2.96E-08	1.64E-07
5530	489232.59	3859522.85	2.11E-04	2.58E-04	2.26E-04	7.30E-08	2.20E-07	1.28E-07	1.56E-07	1.42E-07	6.46E-08	5.67E-08	2.44E-09	5.89E-08	1.30E-08	2.12E-08	3.36E-08	5.93E-09	2.98E-08	1.65E-07
5531	489224.98	3859759.91	1.69E-04	2.07E-04	1.82E-04	5.86E-08	1.77E-07	1.02E-07	1.26E-07	1.14E-07	5.19E-08	4.55E-08	1.96E-09	4.73E-08	1.04E-08	1.70E-08	2.70E-08	4.76E-09	2.39E-08	1.32E-07
5532	488401.39	3859763.34	1.61E-04	1.97E-04	1.73E-04	5.58E-08	1.68E-07	9.75E-08	1.19E-07	1.08E-07	4.94E-08	4.34E-08	1.86E-09	4.50E-08	9.93E-09	1.62E-08	2.57E-08	4.53E-09	2.28E-08	1.26E-07
5533	488405.51	3859966.16	1.39E-04	1.71E-04	1.50E-04	4.83E-08	1.46E-07	8.44E-08	1.03E-07	9.38E-08	4.28E-08	3.75E-08	1.61E-09	3.90E-08	8.60E-09	1.40E-08	2.23E-08	3.93E-09	1.97E-08	1.09E-07
5534	489202.85	3859956.57	1.46E-04	1.79E-04	1.57E-04	5.06E-08	1.53E-07	8.85E-08	1.08E-07	9.82E-08	4.48E-08	3.93E-08	1.69E-09	4.08E-08	9.01E-09	1.47E-08	2.33E-08	4.11E-09	2.06E-08	1.14E-07
5535	489191.9	3860676.74	9.57E-05	1.17E-04	1.03E-04	3.32E-08	1.00E-07	5.80E-08	7.10E-08	6.43E-08	2.94E-08	2.58E-08	1.11E-09	2.67E-08	5.90E-09	9.64E-09	1.53E-08	2.69E-09	1.35E-08	7.49E-08
5536	488392.82	3860687.88	9.41E-05	1.15E-04	1.01E-04	3.26E-08	9.85E-08	5.70E-08	6.99E-08	6.33E-08	2.89E-08	2.53E-08	1.09E-09	2.63E-08	5.81E-09	9.48E-09	1.50E-08	2.65E-09	1.33E-08	7.37E-08
5537	488392.82	3860760.27	9.16E-05	1.12E-04	9.84E-05	3.18E-08	9.59E-08	5.55E-08	6.80E-08	6.16E-08	2.81E-08	2.47E-08	1.06E-09	2.56E-08	5.65E-09	9.23E-09	1.46E-08	2.58E-09	1.29E-08	7.17E-08
5538	487549.05	3860777.45	8.86E-05	1.09E-04	9.52E-05	3.07E-08	9.27E-08	5.37E-08	6.57E-08	5.96E-08	2.72E-08	2.39E-08	1.03E-09	2.48E-08	5.47E-09	8.93E-09	1.42E-08	2.50E-09	1.25E-08	6.94E-08
5539	487554.62	3859571.83	1.72E-04	2.11E-04	1.85E-04	5.96E-08	1.80E-07	1.04E-07	1.28E-07	1.16E-07	5.28E-08	4.63E-08	1.99E-09	4.81E-08	1.06E-08	1.73E-08	2.75E-08	4.84E-09	2.43E-08	1.35E-07
5540	485949.46	3859558.54	1.48E-04	1.81E-04	1.59E-04	5.13E-08	1.55E-07	8.97E-08	1.10E-07	9.96E-08	4.54E-08	3.98E-08	1.71E-09	4.14E-08	9.13E-09	1.49E-08	2.37E-08	4.17E-09	2.09E-08	1.16E-07
5541	485947.55	3857943.61	4.08E-04	5.00E-04	4.38E-04	1.42E-07	4.27E-07	2.47E-07	3.03E-07	2.75E-07	1.25E-07	1.10E-07	4.73E-09	1.14E-07	2.52E-08	4.11E-08	6.53E-08	1.15E-08	5.76E-08	3.20E-07
5542	484738.38	3857940.21	2.63E-04	3.22E-04	2.82E-04	9.10E-08	2.75E-07	1.59E-07	1.95E-07	1.77E-07	8.06E-08	7.07E-08	3.04E-09	7.34E-08	1.62E-08	2.64E-08	4.20E-08	7.39E-09	3.71E-08	2.06E-07
5543	484737.06	3857535.68	3.22E-04	3.95E-04	3.47E-04	1.12E-07	3.37E-07	1.95E-07	2.39E-07	2.17E-07	9.89E-08	8.68E-08	3.73E-09	9.01E-08	1.99E-08	3.25E-08	5.15E-08	9.08E-09	4.56E-08	2.52E-07
5544	483730.2	3857530.13	2.31E-04	2.83E-04	2.49E-04	8.02E-08	2.42E-07	1.40E-07	1.72E-07	1.56E-07	7.10E-08	6.23E-08	2.68E-09	6.47E-08	1.43E-08	2.33E-08	3.70E-08	6.52E-09	3.27E-08	1.81E-07
5545	483727.27	3857130.01	2.71E-04	3.32E-04	2.91E-04	9.38E-08	2.83E-07	1.64E-07	2.01E-07	1.82E-07	8.31E-08	7.29E-08	3.13E-09	7.57E-08	1.67E-08	2.73E-08	4.33E-08	7.62E-09	3.83E-08	2.12E-07
5546	483124.42	3857123.45	2.19E-04	2.69E-04	2.36E-04	7.60E-08	2.30E-07	1.33E-07	1.63E-07	1.48E-07	6.73E-08	5.91E-08	2.54E-09	6.13E-08	1.35E-08	2.21E-08	3.51E-08	6.18E-09	3.10E-08	1.72E-07
5547	483111.13	3855921.03	3.22E-04	3.95E-04	3.46E-04	1.12E-07	3.37E-07	1.95E-07	2.39E-07	2.17E-07	9.89E-08	8.67E-08	3.73E-09	9.01E-08	1.99E-08	3.25E-08	5.15E-08	9.08E-09	4.55E-08	2.52E-07
5548	482701.73	3855918.24	2.65E-04	3.24E-04	2.84E-04	9.18E-08	2.77E-07	1.60E-07	1.96E-07	1.78E-07	8.13E-08	7.12E-08	3.06E-09	7.40E-08	1.63E-08	2.67E-08	4.23E-08	7.46E-09	3.74E-08	2.07E-07

5549	482668.02	3853521.78	2.85E-04	3.49E-04	3.07E-04	9.88E-08	2.98E-07	1.73E-07	2.12E-07	1.92E-07	8.75E-08	7.70E-08	3.30E-09	7.97E-08	1.76E-08	2.87E-08	4.56E-08	8.03E-09	4.04E-08	2.23E-07
5550	482579.91	3853219.19	1.52E-04	1.86E-04	1.63E-04	5.26E-08	1.59E-07	9.19E-08	1.13E-07	1.02E-07	4.66E-08	4.09E-08	1.76E-09	4.24E-08	9.36E-09	1.53E-08	2.42E-08	4.27E-09	2.14E-08	1.19E-07
5551	482434.06	3852961.94	1.22E-04	1.49E-04	1.31E-04	4.22E-08	1.27E-07	7.37E-08	9.03E-08	8.18E-08	3.73E-08	3.28E-08	1.41E-09	3.40E-08	7.50E-09	1.23E-08	1.94E-08	3.43E-09	1.72E-08	9.52E-08
5552	482332.11	3852832.85	1.11E-04	1.36E-04	1.19E-04	3.84E-08	1.16E-07	6.72E-08	8.23E-08	7.46E-08	3.41E-08	2.99E-08	1.28E-09	3.10E-08	6.84E-09	1.12E-08	1.77E-08	3.12E-09	1.57E-08	8.69E-08
5553	481334.99	3851818.96	6.53E-05	8.00E-05	7.01E-05	2.26E-08	6.83E-08	3.95E-08	4.84E-08	4.39E-08	2.00E-08	1.76E-08	7.55E-10	1.82E-08	4.03E-09	6.58E-09	1.04E-08	1.84E-09	9.22E-09	5.11E-08
5554	481127.62	3851646.36	6.03E-05	7.39E-05	6.48E-05	2.09E-08	6.32E-08	3.66E-08	4.48E-08	4.06E-08	1.85E-08	1.62E-08	6.98E-10	1.69E-08	3.72E-09	6.08E-09	9.65E-09	1.70E-09	8.53E-09	4.72E-08
5555	481025.04	3851591.73	5.84E-05	7.15E-05	6.27E-05	2.02E-08	6.11E-08	3.54E-08	4.33E-08	3.93E-08	1.79E-08	1.57E-08	6.76E-10	1.63E-08	3.60E-09	5.88E-09	9.33E-09	1.64E-09	8.25E-09	4.57E-08
5556	480513.6	3851335.76	4.91E-05	6.01E-05	5.27E-05	1.70E-08	5.14E-08	2.97E-08	3.64E-08	3.30E-08	1.51E-08	1.32E-08	5.68E-10	1.37E-08	3.03E-09	4.95E-09	7.85E-09	1.38E-09	6.94E-09	3.84E-08
5557	480523.56	3851317.66	4.93E-05	6.03E-05	5.29E-05	1.71E-08	5.15E-08	2.98E-08	3.65E-08	3.31E-08	1.51E-08	1.33E-08	5.70E-10	1.38E-08	3.04E-09	4.96E-09	7.87E-09	1.39E-09	6.96E-09	3.86E-08
5558	476921.56	3849569.11	2.21E-05	2.70E-05	2.37E-05	7.64E-09	2.31E-08	1.34E-08	1.64E-08	1.48E-08	6.77E-09	5.94E-09	2.55E-10	6.16E-09	1.36E-09	2.22E-09	3.52E-09	6.21E-10	3.12E-09	1.73E-08
5559	476521.19	3849373.96	2.05E-05	2.51E-05	2.20E-05	7.10E-09	2.14E-08	1.24E-08	1.52E-08	1.38E-08	6.29E-09	5.52E-09	2.37E-10	5.73E-09	1.26E-09	2.07E-09	3.28E-09	5.77E-10	2.90E-09	1.60E-08
5560	476391.45	3849333.38	2.03E-05	2.48E-05	2.18E-05	7.03E-09	2.12E-08	1.23E-08	1.51E-08	1.36E-08	6.23E-09	5.46E-09	2.35E-10	5.67E-09	1.25E-09	2.04E-09	3.24E-09	5.71E-10	2.87E-09	1.59E-08
5561	476219.41	3849304.29	2.01E-05	2.46E-05	2.16E-05	6.97E-09	2.10E-08	1.22E-08	1.49E-08	1.35E-08	6.17E-09	5.41E-09	2.33E-10	5.62E-09	1.24E-09	2.03E-09	3.21E-09	5.66E-10	2.84E-09	1.57E-08
5562	475679.11	3849218.47	1.92E-05	2.35E-05	2.06E-05	6.65E-09	2.01E-08	1.16E-08	1.42E-08	1.29E-08	5.89E-09	5.17E-09	2.22E-10	5.36E-09	1.18E-09	1.93E-09	3.07E-09	5.40E-10	2.71E-09	1.50E-08
5563	475677.71	3849233.88	1.93E-05	2.36E-05	2.07E-05	6.69E-09	2.02E-08	1.17E-08	1.43E-08	1.30E-08	5.93E-09	5.20E-09	2.23E-10	5.40E-09	1.19E-09	1.95E-09	3.09E-09	5.44E-10	2.73E-09	1.51E-08
5564	475492.74	3849204.66	1.75E-05	2.14E-05	1.88E-05	6.07E-09	1.83E-08	1.06E-08	1.30E-08	1.18E-08	5.37E-09	4.71E-09	2.03E-10	4.89E-09	1.08E-09	1.76E-09	2.80E-09	4.93E-10	2.47E-09	1.37E-08
5565	475497.64	3849158.75	1.79E-05	2.19E-05	1.92E-05	6.21E-09	1.87E-08	1.09E-08	1.33E-08	1.20E-08	5.50E-09	4.82E-09	2.07E-10	5.01E-09	1.10E-09	1.80E-09	2.86E-09	5.05E-10	2.53E-09	1.40E-08
5566	475391.35	3849141.94	1.83E-05	2.25E-05	1.97E-05	6.36E-09	1.92E-08	1.11E-08	1.36E-08	1.23E-08	5.63E-09	4.94E-09	2.12E-10	5.13E-09	1.13E-09	1.85E-09	2.93E-09	5.17E-10	2.59E-09	1.44E-08
5567	475277	3849095.47	1.83E-05	2.24E-05	1.96E-05	6.33E-09	1.91E-08	1.11E-08	1.36E-08	1.23E-08	5.61E-09	4.92E-09	2.12E-10	5.11E-09	1.13E-09	1.84E-09	2.92E-09	5.15E-10	2.58E-09	1.43E-08
5568	475183.93	3849025.66	1.79E-05	2.20E-05	1.93E-05	6.21E-09	1.88E-08	1.09E-08	1.33E-08	1.21E-08	5.50E-09	4.82E-09	2.07E-10	5.01E-09	1.11E-09	1.81E-09	2.86E-09	5.05E-10	2.53E-09	1.40E-08
5569	474453.23	3848378.77	1.55E-05	1.90E-05	1.67E-05	5.37E-09	1.62E-08	9.39E-09	1.15E-08	1.04E-08	4.76E-09	4.17E-09	1.79E-10	4.33E-09	9.56E-10	1.56E-09	2.48E-09	4.37E-10	2.19E-09	1.21E-08
5570	474569.63	3848399.34	1.54E-05	1.89E-05	1.66E-05	5.34E-09	1.61E-08	9.33E-09	1.14E-08	1.04E-08	4.73E-09	4.15E-09	1.78E-10	4.31E-09	9.50E-10	1.55E-09	2.46E-09	4.34E-10	2.18E-09	1.21E-08
5571	474644.33	3848464.52	1.57E-05	1.92E-05	1.68E-05	5.43E-09	1.64E-08	9.49E-09	1.16E-08	1.05E-08	4.81E-09	4.22E-09	1.81E-10	4.38E-09	9.66E-10	1.58E-09	2.50E-09	4.41E-10	2.21E-09	1.23E-08
5572	474719.04	3848529.7	1.59E-05	1.95E-05	1.71E-05	5.51E-09	1.66E-08	9.63E-09	1.18E-08	1.07E-08	4.88E-09	4.28E-09	1.84E-10	4.44E-09	9.81E-10	1.60E-09	2.54E-09	4.48E-10	2.25E-09	1.24E-08
5573	474793.74	3848594.88	1.60E-05	1.96E-05	1.72E-05	5.56E-09	1.68E-08	9.72E-09	1.19E-08	1.08E-08	4.92E-09	4.32E-09	1.86E-10	4.48E-09	9.89E-10	1.62E-09	2.56E-09	4.52E-10	2.27E-09	1.26E-08
5574	474868.45	3848660.07	1.61E-05	1.97E-05	1.73E-05	5.58E-09	1.68E-08	9.75E-09	1.19E-08	1.08E-08	4.94E-09	4.33E-09	1.86E-10	4.50E-09	9.93E-10	1.62E-09	2.57E-09	4.53E-10	2.27E-09	1.26E-08
5575	474943.15	3848725.25	1.63E-05	1.99E-05	1.75E-05	5.64E-09	1.70E-08	9.86E-09	1.21E-08	1.09E-08	5.00E-09	4.38E-09	1.88E-10	4.55E-09	1.00E-09	1.64E-09	2.60E-09	4.58E-10	2.30E-09	1.27E-08
5576	475017.86	3848790.43	1.66E-05	2.03E-05	1.78E-05	5.74E-09	1.73E-08	1.00E-08	1.23E-08	1.11E-08	5.09E-09	4.46E-09	1.92E-10	4.63E-09	1.02E-09	1.67E-09	2.65E-09	4.67E-10	2.34E-09	1.30E-08
5577	475092.56	3848855.61	1.69E-05	2.08E-05	1.82E-05	5.87E-09	1.77E-08	1.03E-08	1.26E-08	1.14E-08	5.20E-09	4.56E-09	1.96E-10	4.74E-09	1.05E-09	1.71E-09	2.71E-09	4.77E-10	2.39E-09	1.33E-08
5578	475232.58	3848959.38	1.75E-05	2.14E-05	1.88E-05	6.06E-09	1.83E-08	1.06E-08	1.30E-08	1.18E-08	5.36E-09	4.70E-09	2.02E-10	4.88E-09	1.08E-09	1.76E-09	2.79E-09	4.92E-10	2.47E-09	1.37E-08
5579	475368.47	3849029.98	1.77E-05	2.17E-05	1.90E-05	6.13E-09	1.85E-08	1.07E-08	1.31E-08	1.19E-08	5.43E-09	4.76E-09	2.05E-10	4.95E-09	1.09E-09	1.78E-09	2.83E-09	4.98E-10	2.50E-09	1.38E-08
5580	475609.57	3849096.09	1.78E-05	2.18E-05	1.91E-05	6.17E-09	1.86E-08	1.08E-08	1.32E-08	1.20E-08	5.47E-09	4.79E-09	2.06E-10	4.98E-09	1.10E-09	1.79E-09	2.85E-09	5.02E-10	2.52E-09	1.39E-08
5581	475680.68	3849116.62	1.82E-05	2.23E-05	1.95E-05	6.30E-09	1.90E-08	1.10E-08	1.35E-08	1.22E-08	5.58E-09	4.89E-09	2.10E-10	5.08E-09	1.12E-09	1.83E-09	2.91E-09	5.12E-10	2.57E-09	1.42E-08
5582	475843.76	3849151.52	1.86E-05	2.28E-05	2.00E-05	6.45E-09	1.95E-08	1.13E-08	1.38E-08	1.25E-08	5.72E-09	5.01E-09	2.16E-10	5.21E-09	1.15E-09	1.88E-09	2.98E-09	5.25E-10	2.63E-09	1.46E-08
5583	475935.73	3849165.89	1.90E-05	2.33E-05	2.05E-05	6.60E-09	1.99E-08	1.15E-08	1.41E-08	1.28E-08	5.85E-09	5.13E-09	2.20E-10	5.32E-09	1.17E-09	1.92E-09	3.04E-09	5.36E-10	2.69E-09	1.49E-08
5584	476027.71	3849180.27	1.94E-05	2.37E-05	2.08E-05	6.71E-09	2.03E-08	1.17E-08	1.44E-08	1.30E-08	5.94E-09	5.21E-09	2.24E-10	5.41E-09	1.19E-09	1.95E-09	3.10E-09	5.46E-10	2.74E-09	1.52E-08
5585	476119.68	3849194.64	1.91E-05	2.34E-05	2.06E-05	6.63E-09	2.00E-08	1.16E-08	1.42E-08	1.29E-08	5.87E-09	5.15E-09	2.22E-10	5.35E-09	1.18E-09	1.93E-09	3.06E-09	5.39E-10	2.70E-09	1.50E-08
5586	476211.65	3849209.01	1.92E-05	2.35E-05	2.06E-05	6.65E-09	2.01E-08	1.16E-08	1.42E-08	1.29E-08	5.89E-09	5.16E-09	2.22E-10	5.36E-09	1.18E-09	1.93E-09	3.07E-09	5.40E-10	2.71E-09	1.50E-08
5587	476497.81	3849283.9	1.96E-05	2.40E-05	2.11E-05	6.80E-09	2.05E-08	1.19E-08	1.46E-08	1.32E-08	6.02E-09	5.28E-09	2.27E-10	5.49E-09	1.21E-09	1.98E-09	3.14E-09	5.53E-10	2.77E-09	1.54E-08
5588	476603.73	3849323.77	1.99E-05	2.44E-05	2.14E-05	6.91E-09	2.09E-08	1.21E-08	1.48E-08	1.34E-08	6.12E-09	5.37E-09	2.31E-10	5.57E-09	1.23E-09	2.01E-09	3.19E-09	5.61E-10	2.82E-09	1.56E-08
5589	476728.99	3849382.76	2.03E-05	2.49E-05	2.18E-05	7.04E-09	2.13E-08	1.23E-08	1.51E-08	1.37E-08	6.24E-09	5.47E-09	2.35E-10	5.68E-09	1.25E-09	2.05E-09	3.25E-09	5.72E-10	2.87E-09	1.59E-08
5590	476801.27	3849418.65	2.06E-05	2.52E-05	2.21E-05	7.14E-09	2.15E-08	1.25E-08	1.53E-08	1.39E-08	6.32E-09	5.54E-09	2.38E-10	5.76E-09	1.27E-09	2.07E-09	3.29E-09	5.80E-10	2.91E-09	1.61E-08
5591	476956.2	3849495.05	2.12E-05	2.59E-05	2.28E-05	7.34E-09	2.22E-08	1.28E-08	1.57E-08	1.42E-08	6.50E-09	5.70E-09	2.45E-10	5.92E-09	1.31E-09	2.13E-09	3.38E-09	5.96E-10	2.99E-09	1.66E-08
5592	477038.84	3849535.56	2.13E-05	2.61E-05	2.29E-05	7.39E-09	2.23E-08	1.29E-08	1.58E-08	1.43E-08	6.55E-09	5.74E-09	2.47E-10	5.96E-09	1.32E-09	2.15E-09	3.41E-09	6.01E-10	3.01E-09	1.67E-08
5593	477121.49	3849576.08	2.16E-05	2.65E-05	2.32E-05	7.49E-09	2.26E-08	1.31E-08	1.60E-08	1.45E-08	6.64E-09	5.82E-09	2.50E-10	6.04E-09	1.33E-09	2.18E-09	3.46E-09	6.09E-10	3.06E-09	1.69E-08
5594	477204.13	3849616.6	2.18E-05	2.67E-05	2.34E-05	7.55E-09	2.28E-08	1.32E-08	1.62E-08	1.47E-08	6.69E-09	5.87E-09	2.52E-10	6.09E-09	1.34E-09	2.20E-09	3.48E-09	6.14E-10	3.08E-09	1.71E-08
5595	477286.78	3849657.12	2.16E-05	2.64E-05	2.32E-05	7.48E-09	2.26E-08	1.31E-08	1.60E-08	1.45E-08	6.62E-09	5.81E-09	2.50E-10	6.03E-09	1.33E-09	2.17E-09	3.45E-09	6.08E-10	3.05E-09	1.69E-08
5596	477369.42	3849697.63	2.23E-05	2.73E-05	2.40E-05	7.74E-09	2.34E-08	1.35E-08	1.66E-08	1.50E-08	6.85E-09	6.01E-09	2.58E-10	6.24E-09	1.38E-09	2.25E-09	3.57E-09	6.29E-10	3.15E-09	1.75E-08
5597	477452.07	3849738.15	2.25E-05	2.75E-05	2.41E-05	7.78E-09	2.35E-08	1.36E-08	1.67E-08	1.51E-08	6.89E-09	6.05E-09	2.60E-10	6.28E-09	1.39E-09	2.26E-09	3.59E-09	6.33E-10	3.17E-09	1.76E-08
5598	477534.71	3849778.67	2.31E-05	2.83E-05	2.48E-05	8.00E-09	2.42E-08	1.40E-08	1.71E-08	1.55E-08	7.08E-09	6.22E-09	2.67E-10	6.45E-09	1.42E-09	2.33E-09	3.69E-09	6.50E-10	3.26E-09	1.81E-08
5599	477617.36	3849819.18	2.33E-05	2.85E-05	2.50E-05	8.07E-09	2.44E-08	1.41E-08	1.73E-08	1.57E-08	7.15E-09	6.27E-09	2.70E-10	6.51E-09	1.44E-09	2.35E-09	3.72E-09	6.56E-10	3.29E-09	1.82E-08
5600	477824.74	3849896.37	2.39E-05	2.93E-05	2.57E-05	8.29E-09	2.50E-08	1.45E-08	1.78E-08	1.61E-08	7.35E-09	6.45E-09	2.77E-10	6.69E-09	1.48E-09	2.41E-09	3.83E-09	6.74E-10	3.38E-09	1.87E-08
5601	477906.31	3849936.37	2.36E-05	2.89E-05	2.53E-05	8.17E-09	2.47E-08	1.43E-08	1.75E-08	1.59E-08	7.23E-09	6.35E-09	2.73E-10	6.59E-09	1.45E-09	2.37E-09	3.77E-09	6.64E-10	3.33E-09	1.85E-08
5602	477987.89	3849976.36	2.41E-05	2.95E-05	2.59E-05	8.35E-09	2.52E-08	1.46E-08	1.79E-08	1.62E-08	7.39E-09	6.48E-09	2.79E-10	6.73E-09	1.49E-09	2.43E-09	3.85E-09	6.78E-10	3.40E-09	1.89E-08
5603	478069.47	3850016.36	2.39E-05	2.93E-05	2.57E-05	8.29E-09	2.50E-08	1.45E-08	1.78E-08	1.61E-08	7.34E-09	6.44E-09	2.77E-10	6.69E-09	1.48E-09	2.41E-09	3.82E-09	6.74E-10	3.38E-09	1.87E-08

5604	478151.04	3850056.35	2.38E-05	2.92E-05	2.56E-05	8.26E-09	2.49E-08	1.44E-08	1.77E-08	1.60E-08	7.31E-09	6.42E-09	2.76E-10	6.66E-09	1.47E-09	2.40E-09	3.81E-09	6.71E-10	3.37E-09	1.87E-08
5605	478232.62	3850096.35	2.42E-05	2.96E-05	2.60E-05	8.38E-09	2.53E-08	1.46E-08	1.79E-08	1.63E-08	7.42E-09	6.51E-09	2.80E-10	6.76E-09	1.49E-09	2.44E-09	3.86E-09	6.81E-10	3.42E-09	1.89E-08
5606	478314.2	3850136.34	2.46E-05	3.01E-05	2.64E-05	8.52E-09	2.57E-08	1.49E-08	1.82E-08	1.65E-08	7.55E-09	6.62E-09	2.85E-10	6.87E-09	1.52E-09	2.48E-09	3.93E-09	6.93E-10	3.47E-09	1.92E-08
5607	478395.77	3850176.34	2.51E-05	3.07E-05	2.69E-05	8.68E-09	2.62E-08	1.52E-08	1.86E-08	1.69E-08	7.69E-09	6.75E-09	2.90E-10	7.00E-09	1.55E-09	2.52E-09	4.00E-09	7.06E-10	3.54E-09	1.96E-08
5608	478575.43	3850244.45	2.61E-05	3.20E-05	2.81E-05	9.05E-09	2.73E-08	1.58E-08	1.94E-08	1.76E-08	8.02E-09	7.03E-09	3.02E-10	7.30E-09	1.61E-09	2.63E-09	4.17E-09	7.36E-10	3.69E-09	2.04E-08
5609	478665.06	3850287.29	2.68E-05	3.29E-05	2.88E-05	9.29E-09	2.81E-08	1.62E-08	1.99E-08	1.80E-08	8.23E-09	7.22E-09	3.10E-10	7.50E-09	1.65E-09	2.70E-09	4.29E-09	7.55E-10	3.79E-09	2.10E-08
5610	478754.69	3850330.14	2.76E-05	3.38E-05	2.96E-05	9.55E-09	2.88E-08	1.67E-08	2.04E-08	1.85E-08	8.46E-09	7.42E-09	3.19E-10	7.70E-09	1.70E-09	2.78E-09	4.40E-09	7.76E-10	3.89E-09	2.16E-08
5611	478844.32	3850372.99	2.84E-05	3.48E-05	3.05E-05	9.85E-09	2.97E-08	1.72E-08	2.11E-08	1.91E-08	8.72E-09	7.65E-09	3.29E-10	7.94E-09	1.75E-09	2.86E-09	4.54E-09	8.00E-10	4.02E-09	2.22E-08
5612	478933.95	3850415.84	2.94E-05	3.60E-05	3.15E-05	1.02E-08	3.07E-08	1.78E-08	2.18E-08	1.97E-08	9.01E-09	7.90E-09	3.40E-10	8.21E-09	1.81E-09	2.96E-09	4.69E-09	8.27E-10	4.15E-09	2.30E-08
5613	479023.58	3850458.68	3.00E-05	3.67E-05	3.22E-05	1.04E-08	3.13E-08	1.81E-08	2.22E-08	2.01E-08	9.19E-09	8.07E-09	3.47E-10	8.37E-09	1.85E-09	3.02E-09	4.79E-09	8.44E-10	4.23E-09	2.34E-08
5614	479110.66	3850441.91	3.08E-05	3.78E-05	3.31E-05	1.07E-08	3.23E-08	1.87E-08	2.29E-08	2.07E-08	9.46E-09	8.30E-09	3.57E-10	8.62E-09	1.90E-09	3.11E-09	4.93E-09	8.68E-10	4.36E-09	2.41E-08
5615	479191.22	3850423.99	3.16E-05	3.87E-05	3.40E-05	1.10E-08	3.31E-08	1.92E-08	2.35E-08	2.13E-08	9.70E-09	8.51E-09	3.66E-10	8.84E-09	1.95E-09	3.19E-09	5.05E-09	8.91E-10	4.47E-09	2.48E-08
5616	479274.32	3850465.71	3.24E-05	3.97E-05	3.49E-05	1.12E-08	3.39E-08	1.97E-08	2.41E-08	2.18E-08	9.96E-09	8.74E-09	3.75E-10	9.07E-09	2.00E-09	3.27E-09	5.18E-09	9.14E-10	4.58E-09	2.54E-08
5617	479357.43	3850507.42	3.32E-05	4.06E-05	3.56E-05	1.15E-08	3.47E-08	2.01E-08	2.46E-08	2.23E-08	1.02E-08	8.93E-09	3.84E-10	9.27E-09	2.05E-09	3.34E-09	5.30E-09	9.34E-10	4.69E-09	2.60E-08
5618	479440.53	3850549.14	3.38E-05	4.14E-05	3.63E-05	1.17E-08	3.54E-08	2.05E-08	2.51E-08	2.27E-08	1.04E-08	9.10E-09	3.91E-10	9.45E-09	2.09E-09	3.41E-09	5.40E-09	9.52E-10	4.78E-09	2.65E-08
5619	479523.64	3850590.85	3.46E-05	4.24E-05	3.72E-05	1.20E-08	3.62E-08	2.10E-08	2.57E-08	2.33E-08	1.06E-08	9.33E-09	4.01E-10	9.68E-09	2.14E-09	3.49E-09	5.54E-09	9.76E-10	4.89E-09	2.71E-08
5620	479606.74	3850632.57	3.56E-05	4.36E-05	3.83E-05	1.23E-08	3.73E-08	2.16E-08	2.64E-08	2.39E-08	1.09E-08	9.59E-09	4.12E-10	9.95E-09	2.20E-09	3.59E-09	5.69E-09	1.00E-09	5.03E-09	2.79E-08
5621	479777.37	3850707.61	3.77E-05	4.62E-05	4.05E-05	1.31E-08	3.95E-08	2.28E-08	2.80E-08	2.54E-08	1.16E-08	1.02E-08	4.36E-10	1.05E-08	2.33E-09	3.80E-09	6.03E-09	1.06E-09	5.33E-09	2.95E-08
5622	479864.9	3850740.95	3.90E-05	4.78E-05	4.19E-05	1.35E-08	4.08E-08	2.36E-08	2.89E-08	2.62E-08	1.20E-08	1.05E-08	4.51E-10	1.09E-08	2.41E-09	3.93E-09	6.23E-09	1.10E-09	5.51E-09	3.05E-08
5623	479931.87	3850829.57	4.00E-05	4.89E-05	4.29E-05	1.38E-08	4.18E-08	2.42E-08	2.96E-08	2.69E-08	1.23E-08	1.08E-08	4.62E-10	1.12E-08	2.46E-09	4.03E-09	6.39E-09	1.13E-09	5.65E-09	3.13E-08
5624	479995.55	3850926.75	4.10E-05	5.02E-05	4.40E-05	1.42E-08	4.29E-08	2.48E-08	3.04E-08	2.76E-08	1.26E-08	1.10E-08	4.74E-10	1.15E-08	2.53E-09	4.13E-09	6.55E-09	1.15E-09	5.79E-09	3.21E-08
5625	480079.78	3850968.64	4.23E-05	5.18E-05	4.54E-05	1.47E-08	4.42E-08	2.56E-08	3.14E-08	2.84E-08	1.30E-08	1.14E-08	4.89E-10	1.18E-08	2.61E-09	4.26E-09	6.76E-09	1.19E-09	5.97E-09	3.31E-08
5626	480164.01	3851010.54	4.36E-05	5.34E-05	4.68E-05	1.51E-08	4.56E-08	2.64E-08	3.23E-08	2.93E-08	1.34E-08	1.17E-08	5.04E-10	1.22E-08	2.69E-09	4.39E-09	6.97E-09	1.23E-09	6.16E-09	3.41E-08
5627	480248.23	3851052.43	4.48E-05	5.49E-05	4.82E-05	1.55E-08	4.69E-08	2.72E-08	3.33E-08	3.02E-08	1.38E-08	1.21E-08	5.19E-10	1.25E-08	2.77E-09	4.52E-09	7.17E-09	1.26E-09	6.34E-09	3.51E-08
5628	480332.46	3851094.33	4.62E-05	5.65E-05	4.96E-05	1.60E-08	4.83E-08	2.80E-08	3.42E-08	3.10E-08	1.42E-08	1.24E-08	5.34E-10	1.29E-08	2.85E-09	4.65E-09	7.38E-09	1.30E-09	6.52E-09	3.61E-08
5629	480416.69	3851136.22	4.74E-05	5.81E-05	5.10E-05	1.64E-08	4.96E-08	2.87E-08	3.52E-08	3.19E-08	1.46E-08	1.28E-08	5.49E-10	1.33E-08	2.93E-09	4.78E-09	7.58E-09	1.34E-09	6.70E-09	3.71E-08
5630	480579.95	3851215.17	5.00E-05	6.13E-05	5.37E-05	1.73E-08	5.23E-08	3.03E-08	3.71E-08	3.36E-08	1.53E-08	1.35E-08	5.79E-10	1.40E-08	3.08E-09	5.04E-09	7.99E-09	1.41E-09	7.07E-09	3.91E-08
5631	480658.98	3851252.22	5.13E-05	6.28E-05	5.51E-05	1.78E-08	5.37E-08	3.11E-08	3.81E-08	3.45E-08	1.57E-08	1.38E-08	5.94E-10	1.43E-08	3.16E-09	5.17E-09	8.20E-09	1.45E-09	7.25E-09	4.02E-08
5632	480817.36	3851327.85	5.38E-05	6.59E-05	5.78E-05	1.87E-08	5.63E-08	3.26E-08	3.99E-08	3.62E-08	1.65E-08	1.45E-08	6.23E-10	1.50E-08	3.32E-09	5.42E-09	8.60E-09	1.52E-09	7.60E-09	4.21E-08
5633	480896.72	3851366.43	5.51E-05	6.75E-05	5.92E-05	1.91E-08	5.77E-08	3.34E-08	4.09E-08	3.71E-08	1.69E-08	1.48E-08	6.38E-10	1.54E-08	3.40E-09	5.55E-09	8.81E-09	1.55E-09	7.78E-09	4.31E-08
5634	480976.07	3851405	5.63E-05	6.90E-05	6.05E-05	1.95E-08	5.89E-08	3.41E-08	4.18E-08	3.79E-08	1.73E-08	1.52E-08	6.52E-10	1.57E-08	3.47E-09	5.68E-09	9.00E-09	1.59E-09	7.96E-09	4.41E-08
5635	481178	3851487.31	5.92E-05	7.26E-05	6.37E-05	2.05E-08	6.20E-08	3.59E-08	4.40E-08	3.99E-08	1.82E-08	1.60E-08	6.86E-10	1.66E-08	3.65E-09	5.97E-09	9.47E-09	1.67E-09	8.37E-09	4.64E-08
5636	481244.9	3851557.17	6.08E-05	7.45E-05	6.53E-05	2.11E-08	6.36E-08	3.68E-08	4.51E-08	4.09E-08	1.87E-08	1.64E-08	7.04E-10	1.70E-08	3.75E-09	6.13E-09	9.72E-09	1.71E-09	8.59E-09	4.76E-08
5637	481311.81	3851627.03	6.25E-05	7.65E-05	6.71E-05	2.17E-08	6.54E-08	3.78E-08	4.64E-08	4.20E-08	1.92E-08	1.68E-08	7.23E-10	1.75E-08	3.85E-09	6.29E-09	9.99E-09	1.76E-09	8.83E-09	4.89E-08
5638	481378.71	3851696.89	6.43E-05	7.87E-05	6.90E-05	2.23E-08	6.72E-08	3.89E-08	4.77E-08	4.32E-08	1.97E-08	1.73E-08	7.44E-10	1.80E-08	3.96E-09	6.47E-09	1.03E-08	1.81E-09	9.08E-09	5.03E-08
5639	481445.61	3851766.76	6.61E-05	8.10E-05	7.10E-05	2.29E-08	6.92E-08	4.00E-08	4.90E-08	4.45E-08	2.03E-08	1.78E-08	7.65E-10	1.85E-08	4.08E-09	6.66E-09	1.06E-08	1.86E-09	9.34E-09	5.17E-08
5640	481512.51	3851836.62	6.81E-05	8.34E-05	7.32E-05	2.36E-08	7.12E-08	4.12E-08	5.05E-08	4.58E-08	2.09E-08	1.83E-08	7.88E-10	1.90E-08	4.20E-09	6.86E-09	1.09E-08	1.92E-09	9.62E-09	5.33E-08
5641	481579.42	3851906.48	7.02E-05	8.60E-05	7.54E-05	2.43E-08	7.35E-08	4.25E-08	5.21E-08	4.72E-08	2.15E-08	1.89E-08	8.12E-10	1.96E-08	4.33E-09	7.07E-09	1.12E-08	1.98E-09	9.92E-09	5.50E-08
5642	481646.32	3851976.34	7.24E-05	8.87E-05	7.78E-05	2.51E-08	7.58E-08	4.39E-08	5.37E-08	4.87E-08	2.22E-08	1.95E-08	8.38E-10	2.02E-08	4.47E-09	7.29E-09	1.16E-08	2.04E-09	1.02E-08	5.67E-08
5643	481713.22	3852046.2	7.48E-05	9.17E-05	8.04E-05	2.59E-08	7.83E-08	4.53E-08	5.55E-08	5.03E-08	2.30E-08	2.02E-08	8.66E-10	2.09E-08	4.62E-09	7.54E-09	1.20E-08	2.11E-09	1.06E-08	5.86E-08
5644	481780.12	3852116.06	7.73E-05	9.47E-05	8.31E-05	2.68E-08	8.09E-08	4.68E-08	5.74E-08	5.20E-08	2.37E-08	2.08E-08	8.95E-10	2.16E-08	4.77E-09	7.79E-09	1.24E-08	2.18E-09	1.09E-08	6.05E-08
5645	481847.03	3852185.92	7.99E-05	9.78E-05	8.58E-05	2.77E-08	8.36E-08	4.84E-08	5.93E-08	5.37E-08	2.45E-08	2.15E-08	9.24E-10	2.23E-08	4.93E-09	8.05E-09	1.28E-08	2.25E-09	1.13E-08	6.25E-08
5646	481913.93	3852255.78	8.25E-05	1.01E-04	8.86E-05	2.86E-08	8.63E-08	5.00E-08	6.12E-08	5.55E-08	2.53E-08	2.22E-08	9.55E-10	2.31E-08	5.09E-09	8.31E-09	1.32E-08	2.32E-09	1.17E-08	6.46E-08
5647	481980.83	3852325.65	8.50E-05	1.04E-04	9.14E-05	2.95E-08	8.90E-08	5.15E-08	6.31E-08	5.72E-08	2.61E-08	2.29E-08	9.84E-10	2.38E-08	5.24E-09	8.57E-09	1.36E-08	2.39E-09	1.20E-08	6.66E-08
5648	482047.73	3852395.51	8.80E-05	1.08E-04	9.46E-05	3.05E-08	9.21E-08	5.33E-08	6.53E-08	5.92E-08	2.70E-08	2.37E-08	1.02E-09	2.46E-08	5.43E-09	8.87E-09	1.41E-08	2.48E-09	1.24E-08	6.89E-08
5649	482114.64	3852465.37	9.09E-05	1.11E-04	9.77E-05	3.15E-08	9.51E-08	5.51E-08	6.75E-08	6.12E-08	2.79E-08	2.45E-08	1.05E-09	2.54E-08	5.61E-09	9.16E-09	1.45E-08	2.56E-09	1.28E-08	7.12E-08
5650	482181.54	3852535.23	9.46E-05	1.16E-04	1.02E-04	3.28E-08	9.90E-08	5.73E-08	7.02E-08	6.36E-08	2.90E-08	2.55E-08	1.10E-09	2.64E-08	5.84E-09	9.53E-09	1.51E-08	2.67E-09	1.34E-08	7.41E-08
5651	482338.69	3852700.05	1.04E-04	1.27E-04	1.12E-04	3.60E-08	1.09E-07	6.29E-08	7.70E-08	6.98E-08	3.19E-08	2.80E-08	1.20E-09	2.90E-08	6.40E-09	1.05E-08	1.66E-08	2.92E-09	1.47E-08	8.13E-08
5652	482404.05	3852767.78	1.08E-04	1.33E-04	1.16E-04	3.75E-08	1.13E-07	6.55E-08	8.03E-08	7.28E-08	3.32E-08	2.91E-08	1.25E-09	3.02E-08	6.67E-09	1.09E-08	1.73E-08	3.05E-09	1.53E-08	8.47E-08
5653	482469.4	3852835.52	1.13E-04	1.38E-04	1.21E-04	3.92E-08	1.18E-07	6.84E-08	8.38E-08	7.60E-08	3.47E-08	3.04E-08	1.31E-09	3.16E-08	6.97E-09	1.14E-08	1.81E-08	3.18E-09	1.60E-08	8.85E-08
5654	482534.75	3852903.25	1.19E-04	1.45E-04	1.28E-04	4.12E-08	1.24E-07	7.19E-08	8.81E-08	7.99E-08	3.64E-08	3.20E-08	1.37E-09	3.32E-08	7.32E-09	1.20E-08	1.90E-08	3.34E-09	1.68E-08	9.30E-08
5655	482600.11	3852970.99	1.25E-04	1.53E-04	1.35E-04	4.34E-08	1.31E-07	7.58E-08	9.29E-08	8.42E-08	3.84E-08	3.37E-08	1.45E-09	3.50E-08	7.72E-09	1.26E-08	2.00E-08	3.53E-09	1.77E-08	9.80E-08
5656	482706.71	3853119.28	1.44E-04	1.76E-04	1.55E-04	4.99E-08	1.51E-07	8.72E-08	1.07E-07	9.68E-08	4.42E-08	3.88E-08	1.67E-09	4.02E-08	8.88E-09	1.45E-08	2.30E-08	4.06E-09	2.04E-08	1.13E-07
5657	482747.96	3853199.84	1.56E-04	1.92E-04	1.68E-04	5.42E-08	1.64E-07	9.48E-08	1.16E-07	1.05E-07	4.80E-08	4.22E-08	1.81E-09	4.37E-08	9.65E-09	1.58E-08	2.50E-08	4.41E-09	2.21E-08	1.23E-07
5658	482789.21	3853280.4	1.73E-04	2.11E-04	1.86E-04	5.98E-08	1.81E-07	1.05E-07	1.28E-07	1.16E-07	5.30E-08	4.65E-08	2.00E-09	4.82E-08	1.06E-08	1.74E-08	2.76E-08	4.86E-09	2.44E-08	1.35E-07

5659	482830.46	3853360.96	1.95E-04	2.39E-04	2.10E-04	6.77E-08	2.04E-07	1.18E-07	1.45E-07	1.31E-07	6.00E-08	5.27E-08	2.26E-09	5.46E-08	1.21E-08	1.97E-08	3.12E-08	5.50E-09	2.76E-08	1.53E-07
5660	482871.71	3853441.52	2.32E-04	2.85E-04	2.50E-04	8.05E-08	2.43E-07	1.41E-07	1.72E-07	1.56E-07	7.13E-08	6.26E-08	2.69E-09	6.49E-08	1.43E-08	2.34E-08	3.71E-08	6.54E-09	3.29E-08	1.82E-07
5661	482912.95	3853522.07	3.70E-04	4.53E-04	3.99E-04	1.28E-07	3.87E-07	2.24E-07	2.74E-07	2.49E-07	1.14E-07	9.99E-08	4.28E-09	1.03E-07	2.28E-08	3.73E-08	5.91E-08	1.04E-08	5.24E-08	2.90E-07
5662	482954.2	3853602.63	1.13E-03	1.38E-03	1.22E-03	3.91E-07	1.18E-06	6.84E-07	8.38E-07	7.60E-07	3.47E-07	3.05E-07	1.31E-08	3.16E-07	6.97E-08	1.14E-07	1.81E-07	3.18E-08	1.60E-07	8.85E-07
5663	482995.45	3853683.19	1.41E-03	1.72E-03	1.52E-03	4.87E-07	1.47E-06	8.52E-07	1.04E-06	9.46E-07	4.32E-07	3.80E-07	1.63E-08	3.93E-07	8.67E-08	1.42E-07	2.25E-07	3.96E-08	2.00E-07	1.10E-06
5664	483036.7	3853763.75	1.42E-03	1.75E-03	1.54E-03	4.94E-07	1.49E-06	8.63E-07	1.06E-06	9.58E-07	4.37E-07	3.85E-07	1.65E-08	3.98E-07	8.79E-08	1.44E-07	2.28E-07	4.01E-08	2.02E-07	1.12E-06
5665	483214.2	3853909.91	9.67E-04	1.18E-03	1.04E-03	3.35E-07	1.01E-06	5.85E-07	7.17E-07	6.50E-07	2.97E-07	2.61E-07	1.12E-08	2.70E-07	5.96E-08	9.74E-08	1.55E-07	2.72E-08	1.37E-07	7.57E-07
5666	483307.01	3853910.44	8.37E-04	1.03E-03	9.02E-04	2.90E-07	8.75E-07	5.07E-07	6.21E-07	5.63E-07	2.57E-07	2.26E-07	9.68E-09	2.34E-07	5.16E-08	8.43E-08	1.34E-07	2.36E-08	1.19E-07	6.55E-07
5667	483399.83	3853910.96	7.38E-04	9.04E-04	7.96E-04	2.56E-07	7.72E-07	4.47E-07	5.48E-07	4.97E-07	2.27E-07	1.99E-07	8.54E-09	2.06E-07	4.55E-08	7.44E-08	1.18E-07	2.08E-08	1.05E-07	5.78E-07
5668	483494.52	3854009.24	7.43E-04	9.10E-04	8.01E-04	2.57E-07	7.77E-07	4.50E-07	5.51E-07	5.00E-07	2.28E-07	2.01E-07	8.60E-09	2.08E-07	4.58E-08	7.49E-08	1.19E-07	2.09E-08	1.05E-07	5.82E-07
5669	483496.41	3854106.98	8.24E-04	1.01E-03	8.88E-04	2.85E-07	8.62E-07	4.99E-07	6.11E-07	5.54E-07	2.53E-07	2.22E-07	9.53E-09	2.30E-07	5.08E-08	8.30E-08	1.32E-07	2.32E-08	1.17E-07	6.45E-07
5670	483577.56	3854261.96	9.17E-04	1.12E-03	9.88E-04	3.18E-07	9.60E-07	5.56E-07	6.81E-07	6.17E-07	2.82E-07	2.48E-07	1.06E-08	2.56E-07	5.66E-08	9.25E-08	1.47E-07	2.58E-08	1.30E-07	7.19E-07
5671	483656.83	3854319.19	9.24E-04	1.13E-03	9.95E-04	3.20E-07	9.67E-07	5.60E-07	6.86E-07	6.22E-07	2.84E-07	2.49E-07	1.07E-08	2.58E-07	5.70E-08	9.31E-08	1.48E-07	2.60E-08	1.31E-07	7.24E-07
5672	483736.1	3854376.41	9.50E-04	1.16E-03	1.02E-03	3.29E-07	9.94E-07	5.76E-07	7.05E-07	6.39E-07	2.92E-07	2.56E-07	1.10E-08	2.66E-07	5.86E-08	9.58E-08	1.52E-07	2.68E-08	1.34E-07	7.44E-07
5673	483815.37	3854433.64	9.98E-04	1.22E-03	1.07E-03	3.46E-07	1.04E-06	6.05E-07	7.41E-07	6.72E-07	3.06E-07	2.69E-07	1.16E-08	2.79E-07	6.16E-08	1.01E-07	1.60E-07	2.81E-08	1.41E-07	7.82E-07
5674	483894.63	3854490.87	1.07E-03	1.31E-03	1.15E-03	3.70E-07	1.12E-06	6.47E-07	7.93E-07	7.19E-07	3.28E-07	2.88E-07	1.24E-08	2.99E-07	6.59E-08	1.08E-07	1.71E-07	3.01E-08	1.51E-07	8.37E-07
5675	483973.9	3854548.1	1.18E-03	1.45E-03	1.27E-03	4.10E-07	1.24E-06	7.16E-07	8.78E-07	7.96E-07	3.63E-07	3.19E-07	1.37E-08	3.31E-07	7.29E-08	1.19E-07	1.89E-07	3.33E-08	1.67E-07	9.26E-07
5676	484053.17	3854605.32	1.42E-03	1.74E-03	1.53E-03	4.92E-07	1.49E-06	8.60E-07	1.05E-06	9.55E-07	4.36E-07	3.83E-07	1.64E-08	3.97E-07	8.76E-08	1.43E-07	2.27E-07	4.00E-08	2.01E-07	1.11E-06
5677	484214.97	3854698.15	2.45E-03	3.00E-03	2.64E-03	8.49E-07	2.56E-06	1.48E-06	1.82E-06	1.65E-06	7.52E-07	6.61E-07	2.83E-08	6.85E-07	1.51E-07	2.47E-07	3.91E-07	6.90E-08	3.47E-07	1.92E-06
5678	484297.5	3854733.74	3.19E-03	3.91E-03	3.43E-03	1.11E-06	3.34E-06	1.93E-06	2.37E-06	2.15E-06	9.79E-07	8.60E-07	3.69E-08	8.92E-07	1.97E-07	3.21E-07	5.10E-07	8.99E-08	4.51E-07	2.50E-06
5679	484380.03	3854769.34	3.85E-03	4.72E-03	4.14E-03	1.34E-06	4.03E-06	2.33E-06	2.86E-06	2.59E-06	1.18E-06	1.04E-06	4.46E-08	1.08E-06	2.38E-07	3.88E-07	6.16E-07	1.09E-07	5.45E-07	3.02E-06
5680	484462.56	3854804.94	4.98E-03	6.11E-03	5.35E-03	1.73E-06	5.21E-06	3.02E-06	3.70E-06	3.35E-06	1.53E-06	1.34E-06	5.77E-08	1.39E-06	3.07E-07	5.02E-07	7.97E-07	1.40E-07	7.04E-07	3.90E-06
5681	484545.09	3854840.53	6.01E-03	7.37E-03	6.45E-03	2.08E-06	6.29E-06	3.64E-06	4.46E-06	4.05E-06	1.85E-06	1.62E-06	6.96E-08	1.68E-06	3.71E-07	6.06E-07	9.61E-07	1.69E-07	8.49E-07	4.71E-06
5682	484691.88	3854912.59	7.41E-03	9.08E-03	7.94E-03	2.57E-06	7.75E-06	4.49E-06	5.50E-06	4.99E-06	2.27E-06	1.99E-06	8.58E-08	2.07E-06	4.57E-07	7.47E-07	1.18E-06	2.09E-07	1.04E-06	5.80E-06
5683	484830.81	3855012.51	6.90E-03	8.46E-03	7.37E-03	2.39E-06	7.22E-06	4.18E-06	5.12E-06	4.64E-06	2.12E-06	1.85E-06	7.99E-08	1.93E-06	4.26E-07	6.95E-07	1.10E-06	1.94E-07	9.70E-07	5.40E-06
5684	484905.48	3855075.97	6.92E-03	8.48E-03	7.41E-03	2.40E-06	7.25E-06	4.19E-06	5.14E-06	4.66E-06	2.13E-06	1.86E-06	8.01E-08	1.94E-06	4.27E-07	6.98E-07	1.11E-06	1.95E-07	9.75E-07	5.42E-06
5685	484980.14	3855139.44	6.89E-03	8.44E-03	7.39E-03	2.39E-06	7.21E-06	4.17E-06	5.11E-06	4.63E-06	2.11E-06	1.85E-06	7.97E-08	1.93E-06	4.25E-07	6.94E-07	1.10E-06	1.94E-07	9.71E-07	5.39E-06
5686	485054.81	3855202.91	6.80E-03	8.33E-03	7.30E-03	2.36E-06	7.11E-06	4.12E-06	5.04E-06	4.57E-06	2.09E-06	1.83E-06	7.87E-08	1.90E-06	4.19E-07	6.85E-07	1.09E-06	1.91E-07	9.61E-07	5.32E-06
5687	485129.48	3855266.37	6.58E-03	8.06E-03	7.08E-03	2.28E-06	6.89E-06	3.99E-06	4.88E-06	4.43E-06	2.02E-06	1.77E-06	7.62E-08	1.84E-06	4.06E-07	6.63E-07	1.05E-06	1.85E-07	9.31E-07	5.15E-06
5688	485204.15	3855329.84	6.71E-03	8.22E-03	7.22E-03	2.32E-06	7.02E-06	4.06E-06	4.98E-06	4.51E-06	2.06E-06	1.81E-06	7.76E-08	1.88E-06	4.14E-07	6.76E-07	1.07E-06	1.89E-07	9.50E-07	5.25E-06
5689	485278.82	3855393.31	6.66E-03	8.16E-03	7.18E-03	2.31E-06	6.97E-06	4.04E-06	4.94E-06	4.48E-06	2.04E-06	1.80E-06	7.71E-08	1.86E-06	4.11E-07	6.71E-07	1.06E-06	1.88E-07	9.44E-07	5.22E-06
5690	485353.48	3855456.77	6.69E-03	8.19E-03	7.21E-03	2.32E-06	7.00E-06	4.05E-06	4.96E-06	4.50E-06	2.05E-06	1.81E-06	7.74E-08	1.87E-06	4.13E-07	6.74E-07	1.07E-06	1.88E-07	9.48E-07	5.24E-06
5691	485428.15	3855520.24	6.63E-03	8.12E-03	7.15E-03	2.30E-06	6.94E-06	4.02E-06	4.92E-06	4.46E-06	2.03E-06	1.79E-06	7.67E-08	1.85E-06	4.09E-07	6.68E-07	1.06E-06	1.87E-07	9.40E-07	5.19E-06
5692	485502.82	3855583.71	6.60E-03	8.08E-03	7.12E-03	2.29E-06	6.91E-06	4.00E-06	4.90E-06	4.44E-06	2.03E-06	1.78E-06	7.64E-08	1.84E-06	4.07E-07	6.65E-07	1.05E-06	1.86E-07	9.36E-07	5.17E-06
5693	485577.49	3855647.17	6.67E-03	8.17E-03	7.20E-03	2.31E-06	6.98E-06	4.04E-06	4.95E-06	4.49E-06	2.05E-06	1.80E-06	7.72E-08	1.87E-06	4.12E-07	6.72E-07	1.07E-06	1.88E-07	9.47E-07	5.23E-06
5694	485652.16	3855710.64	6.71E-03	8.23E-03	7.25E-03	2.33E-06	7.03E-06	4.07E-06	4.98E-06	4.52E-06	2.06E-06	1.82E-06	7.77E-08	1.88E-06	4.14E-07	6.76E-07	1.07E-06	1.89E-07	9.53E-07	5.26E-06
5695	485726.83	3855774.11	6.70E-03	8.20E-03	7.23E-03	2.32E-06	7.01E-06	4.06E-06	4.97E-06	4.50E-06	2.06E-06	1.81E-06	7.75E-08	1.87E-06	4.13E-07	6.75E-07	1.07E-06	1.89E-07	9.50E-07	5.25E-06
5696	485801.49	3855837.57	6.63E-03	8.12E-03	7.15E-03	2.30E-06	6.94E-06	4.02E-06	4.92E-06	4.46E-06	2.03E-06	1.79E-06	7.67E-08	1.85E-06	4.09E-07	6.68E-07	1.06E-06	1.87E-07	9.41E-07	5.19E-06
5697	485876.16	3855901.04	6.63E-03	8.13E-03	7.16E-03	2.30E-06	6.94E-06	4.02E-06	4.92E-06	4.46E-06	2.04E-06	1.79E-06	7.68E-08	1.85E-06	4.09E-07	6.68E-07	1.06E-06	1.87E-07	9.42E-07	5.20E-06
5698	485950.83	3855964.5	6.59E-03	8.07E-03	7.11E-03	2.28E-06	6.90E-06	3.99E-06	4.89E-06	4.43E-06	2.02E-06	1.78E-06	7.63E-08	1.84E-06	4.07E-07	6.64E-07	1.05E-06	1.86E-07	9.35E-07	5.16E-06
5699	486025.5	3856027.97	6.50E-03	7.96E-03	7.02E-03	2.25E-06	6.80E-06	3.94E-06	4.82E-06	4.37E-06	1.99E-06	1.76E-06	7.52E-08	1.82E-06	4.01E-07	6.55E-07	1.04E-06	1.83E-07	9.23E-07	5.09E-06
5700	486100.17	3856091.44	6.64E-03	8.13E-03	7.16E-03	2.30E-06	6.95E-06	4.02E-06	4.92E-06	4.46E-06	2.04E-06	1.80E-06	7.68E-08	1.86E-06	4.09E-07	6.69E-07	1.06E-06	1.87E-07	9.42E-07	5.20E-06
5701	486174.83	3856154.9	6.51E-03	7.97E-03	7.02E-03	2.25E-06	6.81E-06	3.94E-06	4.83E-06	4.38E-06	2.00E-06	1.76E-06	7.53E-08	1.82E-06	4.01E-07	6.55E-07	1.04E-06	1.83E-07	9.24E-07	5.10E-06
5702	486249.5	3856218.37	6.19E-03	7.59E-03	6.69E-03	2.15E-06	6.48E-06	3.75E-06	4.60E-06	4.17E-06	1.90E-06	1.68E-06	7.17E-08	1.73E-06	3.82E-07	6.24E-07	9.90E-07	1.74E-07	8.79E-07	4.85E-06
5703	486324.17	3856281.84	6.13E-03	7.51E-03	6.62E-03	2.12E-06	6.41E-06	3.71E-06	4.55E-06	4.12E-06	1.88E-06	1.66E-06	7.09E-08	1.71E-06	3.78E-07	6.17E-07	9.79E-07	1.73E-07	8.70E-07	4.80E-06
5704	486398.84	3856345.3	6.35E-03	7.78E-03	6.86E-03	2.20E-06	6.64E-06	3.85E-06	4.71E-06	4.27E-06	1.95E-06	1.72E-06	7.35E-08	1.78E-06	3.92E-07	6.40E-07	1.01E-06	1.79E-07	9.01E-07	4.98E-06
5705	486473.51	3856408.77	6.41E-03	7.85E-03	6.92E-03	2.22E-06	6.71E-06	3.88E-06	4.76E-06	4.31E-06	1.97E-06	1.73E-06	7.42E-08	1.79E-06	3.95E-07	6.46E-07	1.02E-06	1.81E-07	9.10E-07	5.02E-06
5706	486548.17	3856472.24	6.52E-03	7.98E-03	7.03E-03	2.26E-06	6.82E-06	3.95E-06	4.84E-06	4.38E-06	2.00E-06	1.76E-06	7.54E-08	1.82E-06	4.02E-07	6.57E-07	1.04E-06	1.84E-07	9.25E-07	5.11E-06
5707	486622.84	3856535.7	6.57E-03	8.05E-03	7.09E-03	2.28E-06	6.88E-06	3.98E-06	4.88E-06	4.42E-06	2.02E-06	1.78E-06	7.61E-08	1.84E-06	4.05E-07	6.62E-07	1.05E-06	1.85E-07	9.33E-07	5.15E-06
5708	486765.48	3856659.69	6.62E-03	8.11E-03	7.14E-03	2.29E-06	6.93E-06	4.01E-06	4.91E-06	4.45E-06	2.03E-06	1.79E-06	7.66E-08	1.85E-06	4.08E-07	6.67E-07	1.06E-06	1.86E-07	9.40E-07	5.19E-06
5709	486833.44	3856720.2	6.68E-03	8.18E-03	7.21E-03	2.31E-06	6.99E-06	4.04E-06	4.95E-06	4.49E-06	2.05E-06	1.81E-06	7.73E-08	1.87E-06	4.12E-07	6.73E-07	1.07E-06	1.88E-07	9.48E-07	5.23E-06
5710	486901.41	3856780.72	6.67E-03	8.17E-03	7.20E-03	2.31E-06	6.98E-06	4.04E-06	4.95E-06	4.49E-06	2.05E-06	1.80E-06	7.72E-08	1.87E-06	4.12E-07	6.72E-07	1.07E-06	1.88E-07	9.47E-07	5.23E-06
5711	486969.38	3856841.24	6.66E-03	8.15E-03	7.18E-03	2.31E-06	6.97E-06	4.03E-06	4.94E-06	4.48E-06	2.04E-06	1.80E-06	7.70E-08	1.86E-06	4.11E-07	6.71E-07	1.06E-06	1.87E-07	9.44E-07	5.21E-06
5712	487037.34	3856901.75	6.59E-03	8.08E-03	7.11E-03	2.29E-06	6.90E-06	3.99E-06	4.89E-06	4.43E-06	2.02E-06	1.78E-06	7.63E-08	1.84E-06	4.07E-07	6.64E-07	1.05E-06	1.86E-07	9.35E-07	5.17E-06
5713	487271.23	3856855.51	3.59E-03	4.39E-03	3.86E-03	1.24E-06	3.75E-06	2.17E-06	2.66E-06	2.41E-06	1.10E-06	9.68E-07	4.15E-08	1.00E-06	2.21E-07	3.61E-07	5.73E-07	1.01E-07	5.08E-07	2.81E-06

5714	487368.96	3856857.29	3.13E-03	3.83E-03	3.37E-03	1.08E-06	3.27E-06	1.90E-06	2.32E-06	2.10E-06	9.60E-07	8.45E-07	3.62E-08	8.75E-07	1.93E-07	3.15E-07	5.00E-07	8.81E-08	4.43E-07	2.45E-06
5715	487466.68	3856859.06	2.78E-03	3.40E-03	2.99E-03	9.62E-07	2.90E-06	1.68E-06	2.06E-06	1.87E-06	8.52E-07	7.49E-07	3.21E-08	7.76E-07	1.71E-07	2.80E-07	4.44E-07	7.82E-08	3.93E-07	2.17E-06
5716	487636.44	3856930	2.40E-03	2.93E-03	2.57E-03	8.30E-07	2.51E-06	1.45E-06	1.78E-06	1.61E-06	7.35E-07	6.44E-07	2.77E-08	6.70E-07	1.48E-07	2.41E-07	3.83E-07	6.74E-08	3.38E-07	1.87E-06
5717	487709.57	3856928.43	2.24E-03	2.74E-03	2.40E-03	7.76E-07	2.34E-06	1.36E-06	1.66E-06	1.51E-06	6.87E-07	6.02E-07	2.59E-08	6.26E-07	1.38E-07	2.26E-07	3.58E-07	6.31E-08	3.16E-07	1.75E-06
5718	487782.55	3856841.96	2.05E-03	2.51E-03	2.20E-03	7.10E-07	2.14E-06	1.24E-06	1.52E-06	1.38E-06	6.29E-07	5.52E-07	2.37E-08	5.73E-07	1.26E-07	2.06E-07	3.27E-07	5.77E-08	2.89E-07	1.60E-06
5719	487849.83	3856754.74	1.88E-03	2.30E-03	2.02E-03	6.52E-07	1.97E-06	1.14E-06	1.40E-06	1.27E-06	5.77E-07	5.07E-07	2.18E-08	5.26E-07	1.16E-07	1.89E-07	3.01E-07	5.30E-08	2.66E-07	1.47E-06
5720	487918.03	3856819.39	1.84E-03	2.25E-03	1.97E-03	6.37E-07	1.92E-06	1.11E-06	1.36E-06	1.24E-06	5.64E-07	4.94E-07	2.13E-08	5.13E-07	1.13E-07	1.85E-07	2.93E-07	5.17E-08	2.59E-07	1.44E-06
5721	487918.8	3856886.37	1.87E-03	2.30E-03	2.01E-03	6.50E-07	1.96E-06	1.14E-06	1.39E-06	1.26E-06	5.75E-07	5.04E-07	2.17E-08	5.24E-07	1.16E-07	1.89E-07	3.00E-07	5.28E-08	2.64E-07	1.47E-06
5722	488065.47	3857127.51	1.84E-03	2.25E-03	1.95E-03	6.36E-07	1.92E-06	1.11E-06	1.36E-06	1.23E-06	5.63E-07	4.90E-07	2.13E-08	5.13E-07	1.13E-07	1.85E-07	2.93E-07	5.17E-08	2.57E-07	1.43E-06
5723	488192.19	3857385.84	1.80E-03	2.20E-03	1.91E-03	6.23E-07	1.88E-06	1.09E-06	1.33E-06	1.21E-06	5.51E-07	4.79E-07	2.08E-08	5.02E-07	1.11E-07	1.81E-07	2.87E-07	5.06E-08	2.51E-07	1.40E-06
5724	488191.22	3857473.87	1.83E-03	2.25E-03	1.95E-03	6.35E-07	1.92E-06	1.11E-06	1.36E-06	1.23E-06	5.63E-07	4.89E-07	2.12E-08	5.13E-07	1.13E-07	1.85E-07	2.93E-07	5.16E-08	2.57E-07	1.43E-06
5725	488190.24	3857561.91	1.87E-03	2.29E-03	2.00E-03	6.49E-07	1.96E-06	1.13E-06	1.39E-06	1.26E-06	5.75E-07	5.01E-07	2.17E-08	5.24E-07	1.16E-07	1.89E-07	2.99E-07	5.28E-08	2.63E-07	1.46E-06
5726	488158.35	3857691.13	1.99E-03	2.43E-03	2.13E-03	6.88E-07	2.08E-06	1.20E-06	1.47E-06	1.33E-06	6.09E-07	5.33E-07	2.30E-08	5.55E-07	1.22E-07	2.00E-07	3.17E-07	5.59E-08	2.80E-07	1.55E-06
5727	488208.37	3857816.66	1.76E-03	2.16E-03	1.89E-03	6.11E-07	1.84E-06	1.07E-06	1.31E-06	1.19E-06	5.41E-07	4.74E-07	2.04E-08	4.93E-07	1.09E-07	1.78E-07	2.82E-07	4.96E-08	2.49E-07	1.38E-06
5728	488271.97	3857874.6	1.56E-03	1.91E-03	1.68E-03	5.42E-07	1.64E-06	9.47E-07	1.16E-06	1.05E-06	4.79E-07	4.20E-07	1.81E-08	4.37E-07	9.64E-08	1.57E-07	2.50E-07	4.40E-08	2.21E-07	1.22E-06
5729	488463.56	3857942.31	1.26E-03	1.55E-03	1.36E-03	4.38E-07	1.32E-06	7.66E-07	9.38E-07	8.50E-07	3.88E-07	3.40E-07	1.46E-08	3.53E-07	7.80E-08	1.27E-07	2.02E-07	3.56E-08	1.78E-07	9.89E-07
5730	488554.83	3857940.83	1.19E-03	1.45E-03	1.27E-03	4.11E-07	1.24E-06	7.19E-07	8.80E-07	7.98E-07	3.64E-07	3.19E-07	1.37E-08	3.32E-07	7.32E-08	1.19E-07	1.90E-07	3.34E-08	1.67E-07	9.29E-07
5731	488646.1	3857939.36	1.12E-03	1.37E-03	1.20E-03	3.88E-07	1.17E-06	6.78E-07	8.31E-07	7.53E-07	3.44E-07	3.01E-07	1.30E-08	3.13E-07	6.91E-08	1.13E-07	1.79E-07	3.15E-08	1.58E-07	8.76E-07
5732	488737.37	3857937.88	1.06E-03	1.30E-03	1.14E-03	3.68E-07	1.11E-06	6.43E-07	7.87E-07	7.14E-07	3.26E-07	2.85E-07	1.23E-08	2.97E-07	6.55E-08	1.07E-07	1.70E-07	2.99E-08	1.50E-07	8.30E-07
5733	488733.59	3857960.57	1.05E-03	1.29E-03	1.13E-03	3.65E-07	1.10E-06	6.38E-07	7.82E-07	7.09E-07	3.23E-07	2.83E-07	1.22E-08	2.95E-07	6.50E-08	1.06E-07	1.68E-07	2.97E-08	1.49E-07	8.25E-07
5734	488638.09	3857961.57	1.11E-03	1.36E-03	1.20E-03	3.86E-07	1.17E-06	6.75E-07	8.27E-07	7.49E-07	3.42E-07	3.00E-07	1.29E-08	3.12E-07	6.88E-08	1.12E-07	1.78E-07	3.14E-08	1.57E-07	8.72E-07
5735	488542.6	3857962.56	1.18E-03	1.45E-03	1.27E-03	4.10E-07	1.24E-06	7.17E-07	8.78E-07	7.96E-07	3.63E-07	3.19E-07	1.37E-08	3.31E-07	7.31E-08	1.19E-07	1.89E-07	3.33E-08	1.67E-07	9.27E-07
5736	488447.1	3857963.56	1.27E-03	1.55E-03	1.36E-03	4.39E-07	1.32E-06	7.67E-07	9.39E-07	8.51E-07	3.88E-07	3.41E-07	1.47E-08	3.54E-07	7.81E-08	1.27E-07	2.02E-07	3.56E-08	1.79E-07	9.91E-07
5737	488254.28	3857890.36	1.57E-03	1.92E-03	1.68E-03	5.44E-07	1.64E-06	9.51E-07	1.16E-06	1.05E-06	4.81E-07	4.22E-07	1.82E-08	4.39E-07	9.68E-08	1.58E-07	2.51E-07	4.42E-08	2.22E-07	1.23E-06
5738	488191.69	3857833.06	1.77E-03	2.17E-03	1.90E-03	6.15E-07	1.86E-06	1.07E-06	1.32E-06	1.19E-06	5.44E-07	4.77E-07	2.05E-08	4.96E-07	1.09E-07	1.79E-07	2.83E-07	4.99E-08	2.50E-07	1.39E-06
5739	488129.5	3857907.43	1.77E-03	2.16E-03	1.90E-03	6.12E-07	1.85E-06	1.07E-06	1.31E-06	1.19E-06	5.42E-07	4.76E-07	2.04E-08	4.94E-07	1.09E-07	1.78E-07	2.82E-07	4.97E-08	2.50E-07	1.38E-06
5740	488196.47	3857968.74	1.56E-03	1.91E-03	1.67E-03	5.40E-07	1.63E-06	9.44E-07	1.16E-06	1.05E-06	4.78E-07	4.20E-07	1.80E-08	4.36E-07	9.61E-08	1.57E-07	2.49E-07	4.39E-08	2.20E-07	1.22E-06
5741	488263.44	3858030.04	1.43E-03	1.75E-03	1.53E-03	4.95E-07	1.49E-06	8.64E-07	1.06E-06	9.59E-07	4.38E-07	3.84E-07	1.65E-08	3.99E-07	8.80E-08	1.44E-07	2.28E-07	4.02E-08	2.02E-07	1.12E-06
5742	488400.64	3858132.9	1.28E-03	1.57E-03	1.38E-03	4.43E-07	1.34E-06	7.74E-07	9.48E-07	8.60E-07	3.92E-07	3.45E-07	1.48E-08	3.57E-07	7.89E-08	1.29E-07	2.04E-07	3.60E-08	1.81E-07	1.00E-06
5743	488519.89	3858218.38	1.23E-03	1.50E-03	1.32E-03	4.25E-07	1.28E-06	7.42E-07	9.09E-07	8.24E-07	3.76E-07	3.30E-07	1.42E-08	3.42E-07	7.56E-08	1.23E-07	1.96E-07	3.45E-08	1.73E-07	9.59E-07
5744	488647.97	3858214.99	1.09E-03	1.34E-03	1.18E-03	3.79E-07	1.14E-06	6.63E-07	8.12E-07	7.36E-07	3.36E-07	2.95E-07	1.27E-08	3.06E-07	6.75E-08	1.10E-07	1.75E-07	3.08E-08	1.55E-07	8.56E-07
5745	488727.05	3858167.67	1.02E-03	1.25E-03	1.10E-03	3.54E-07	1.07E-06	6.19E-07	7.58E-07	6.87E-07	3.13E-07	2.75E-07	1.18E-08	2.86E-07	6.30E-08	1.03E-07	1.63E-07	2.88E-08	1.44E-07	8.00E-07
5746	488806.12	3858120.35	9.73E-04	1.19E-03	1.05E-03	3.37E-07	1.02E-06	5.90E-07	7.22E-07	6.55E-07	2.99E-07	2.62E-07	1.13E-08	2.72E-07	6.00E-08	9.80E-08	1.56E-07	2.74E-08	1.38E-07	7.62E-07
5747	488885.2	3858073.03	9.40E-04	1.15E-03	1.01E-03	3.26E-07	9.84E-07	5.70E-07	6.98E-07	6.32E-07	2.89E-07	2.53E-07	1.09E-08	2.63E-07	5.80E-08	9.47E-08	1.50E-07	2.65E-08	1.33E-07	7.36E-07
5748	489055.76	3857991.18	8.87E-04	1.09E-03	9.52E-04	3.08E-07	9.29E-07	5.38E-07	6.58E-07	5.97E-07	2.72E-07	2.39E-07	1.03E-08	2.48E-07	5.47E-08	8.94E-08	1.42E-07	2.50E-08	1.25E-07	6.94E-07
5749	489245.39	3857944.55	8.34E-04	1.02E-03	8.94E-04	2.89E-07	8.72E-07	5.05E-07	6.18E-07	5.61E-07	2.56E-07	2.24E-07	9.65E-09	2.33E-07	5.14E-08	8.40E-08	1.33E-07	2.35E-08	1.18E-07	6.52E-07
5750	489430.63	3857930.91	7.78E-04	9.53E-04	8.35E-04	2.70E-07	8.14E-07	4.71E-07	5.77E-07	5.23E-07	2.39E-07	2.09E-07	9.01E-09	2.18E-07	4.80E-08	7.84E-08	1.24E-07	2.19E-08	1.10E-07	6.09E-07
5751	489517.74	3857929.36	7.54E-04	9.23E-04	8.08E-04	2.61E-07	7.89E-07	4.56E-07	5.59E-07	5.07E-07	2.31E-07	2.02E-07	8.72E-09	2.11E-07	4.65E-08	7.59E-08	1.20E-07	2.12E-08	1.06E-07	5.90E-07
5752	489604.86	3857927.82	7.30E-04	8.94E-04	7.83E-04	2.53E-07	7.64E-07	4.42E-07	5.42E-07	4.91E-07	2.24E-07	1.96E-07	8.45E-09	2.04E-07	4.50E-08	7.36E-08	1.17E-07	2.06E-08	1.03E-07	5.71E-07
5753	489691.97	3857926.28	7.08E-04	8.67E-04	7.59E-04	2.45E-07	7.41E-07	4.29E-07	5.25E-07	4.76E-07	2.17E-07	1.90E-07	8.19E-09	1.98E-07	4.37E-08	7.13E-08	1.13E-07	1.99E-08	9.98E-08	5.54E-07
5754	489779.08	3857924.73	6.87E-04	8.41E-04	7.37E-04	2.38E-07	7.19E-07	4.16E-07	5.10E-07	4.62E-07	2.11E-07	1.85E-07	7.95E-09	1.92E-07	4.24E-08	6.92E-08	1.10E-07	1.93E-08	9.69E-08	5.38E-07
5755	490017.55	3857875.09	6.43E-04	7.87E-04	6.89E-04	2.23E-07	6.73E-07	3.89E-07	4.77E-07	4.32E-07	1.97E-07	1.73E-07	7.44E-09	1.80E-07	3.96E-08	6.47E-08	1.03E-07	1.81E-08	9.06E-08	5.03E-07
5756	490033.82	3857960.81	6.25E-04	7.65E-04	6.70E-04	2.16E-07	6.54E-07	3.78E-07	4.63E-07	4.20E-07	1.92E-07	1.68E-07	7.23E-09	1.75E-07	3.85E-08	6.29E-08	9.98E-08	1.76E-08	8.81E-08	4.89E-07
5757	489959.15	3857987.49	6.35E-04	7.78E-04	6.81E-04	2.20E-07	6.65E-07	3.85E-07	4.71E-07	4.27E-07	1.95E-07	1.71E-07	7.35E-09	1.78E-07	3.92E-08	6.40E-08	1.01E-07	1.79E-08	8.96E-08	4.97E-07
5758	489791.49	3858016.12	6.66E-04	8.16E-04	7.15E-04	2.31E-07	6.97E-07	4.04E-07	4.94E-07	4.48E-07	2.04E-07	1.79E-07	7.71E-09	1.86E-07	4.11E-08	6.71E-08	1.06E-07	1.88E-08	9.40E-08	5.21E-07
5759	489698.51	3858018.07	6.87E-04	8.42E-04	7.37E-04	2.38E-07	7.19E-07	4.16E-07	5.10E-07	4.62E-07	2.11E-07	1.85E-07	7.95E-09	1.92E-07	4.24E-08	6.92E-08	1.10E-07	1.94E-08	9.69E-08	5.38E-07
5760	489605.52	3858020.02	7.10E-04	8.69E-04	7.61E-04	2.46E-07	7.43E-07	4.30E-07	5.27E-07	4.77E-07	2.18E-07	1.91E-07	8.21E-09	1.98E-07	4.38E-08	7.15E-08	1.13E-07	2.00E-08	1.00E-07	5.55E-07
5761	489512.53	3858021.96	7.34E-04	8.98E-04	7.87E-04	2.54E-07	7.68E-07	4.44E-07	5.44E-07	4.93E-07	2.25E-07	1.97E-07	8.49E-09	2.05E-07	4.52E-08	7.39E-08	1.17E-07	2.07E-08	1.03E-07	5.74E-07
5762	489419.55	3858023.91	7.59E-04	9.29E-04	8.14E-04	2.63E-07	7.94E-07	4.60E-07	5.63E-07	5.10E-07	2.33E-07	2.04E-07	8.78E-09	2.12E-07	4.68E-08	7.64E-08	1.21E-07	2.14E-08	1.07E-07	5.94E-07
5763	489228.47	3858041.29	8.13E-04	9.96E-04	8.73E-04	2.82E-07	8.51E-07	4.92E-07	6.03E-07	5.47E-07	2.49E-07	2.19E-07	9.41E-09	2.27E-07	5.01E-08	8.19E-08	1.30E-07	2.29E-08	1.15E-07	6.36E-07
5764	489065.75	3858085.78	8.59E-04	1.05E-03	9.23E-04	2.98E-07	8.99E-07	5.21E-07	6.38E-07	5.78E-07	2.64E-07	2.31E-07	9.95E-09	2.40E-07	5.30E-08	8.66E-08	1.37E-07	2.42E-08	1.21E-07	6.73E-07
5765	489001.12	3858114.86	8.79E-04	1.08E-03	9.45E-04	3.05E-07	9.20E-07	5.33E-07	6.52E-07	5.91E-07	2.70E-07	2.37E-07	1.02E-08	2.46E-07	5.43E-08	8.86E-08	1.41E-07	2.48E-08	1.24E-07	6.88E-07
5766	488861.89	3858189.81	9.41E-04	1.15E-03	1.01E-03	3.26E-07	9.85E-07	5.70E-07	6.98E-07	6.33E-07	2.89E-07	2.53E-07	1.09E-08	2.63E-07	5.80E-08	9.48E-08	1.50E-07	2.65E-08	1.33E-07	7.37E-07
5767	488787.29	3858235.69	9.95E-04	1.22E-03	1.07E-03	3.45E-07	1.04E-06	6.03E-07	7.38E-07	6.69E-07	3.05E-07	2.68E-07	1.15E-08	2.78E-07	6.14E-08	1.00E-07	1.59E-07	2.80E-08	1.41E-07	7.79E-07
5768	488712.68	3858281.57	1.07E-03	1.31E-03	1.16E-03	3.72E-07	1.12E-06	6.50E-07	7.96E-07	7.22E-07	3.29E-07	2.89E-07	1.24E-08	3.00E-07	6.62E-08	1.08E-07	1.72E-07	3.02E-08	1.52E-07	8.40E-07

5769	488654.39	3858436.17	1.36E-03	1.66E-03	1.46E-03	4.70E-07	1.42E-06	8.22E-07	1.01E-06	9.13E-07	4.17E-07	3.67E-07	1.57E-08	3.79E-07	8.37E-08	1.37E-07	2.17E-07	3.82E-08	1.92E-07	1.06E-06
5770	488726.31	3858505.26	1.37E-03	1.68E-03	1.48E-03	4.76E-07	1.44E-06	8.32E-07	1.02E-06	9.24E-07	4.22E-07	3.71E-07	1.59E-08	3.84E-07	8.48E-08	1.38E-07	2.20E-07	3.87E-08	1.95E-07	1.08E-06
5771	488880.6	3858599.28	1.27E-03	1.55E-03	1.37E-03	4.40E-07	1.33E-06	7.69E-07	9.42E-07	8.54E-07	3.90E-07	3.43E-07	1.47E-08	3.55E-07	7.83E-08	1.28E-07	2.03E-07	3.58E-08	1.80E-07	9.94E-07
5772	489008.06	3858714.75	1.25E-03	1.54E-03	1.35E-03	4.35E-07	1.31E-06	7.60E-07	9.31E-07	8.44E-07	3.85E-07	3.39E-07	1.45E-08	3.51E-07	7.74E-08	1.26E-07	2.01E-07	3.53E-08	1.78E-07	9.83E-07
5773	489071.48	3858772.72	1.19E-03	1.46E-03	1.29E-03	4.14E-07	1.25E-06	7.24E-07	8.87E-07	8.04E-07	3.67E-07	3.23E-07	1.38E-08	3.34E-07	7.37E-08	1.20E-07	1.91E-07	3.37E-08	1.69E-07	9.36E-07
5774	489244.6	3858920.2	6.64E-04	8.14E-04	7.16E-04	2.30E-07	6.95E-07	4.02E-07	4.93E-07	4.47E-07	2.04E-07	1.79E-07	7.69E-09	1.86E-07	4.10E-08	6.69E-08	1.06E-07	1.87E-08	9.41E-08	5.20E-07
5775	489239.69	3858952.23	6.05E-04	7.42E-04	6.52E-04	2.10E-07	6.33E-07	3.67E-07	4.49E-07	4.07E-07	1.86E-07	1.63E-07	7.01E-09	1.69E-07	3.73E-08	6.10E-08	9.68E-08	1.71E-08	8.58E-08	4.74E-07
5776	489121.67	3858854.49	9.96E-04	1.22E-03	1.07E-03	3.45E-07	1.04E-06	6.03E-07	7.39E-07	6.70E-07	3.06E-07	2.69E-07	1.15E-08	2.78E-07	6.14E-08	1.00E-07	1.59E-07	2.81E-08	1.41E-07	7.80E-07
5777	489059.59	3858797.27	1.25E-03	1.53E-03	1.35E-03	4.33E-07	1.31E-06	7.57E-07	9.27E-07	8.40E-07	3.83E-07	3.38E-07	1.45E-08	3.49E-07	7.71E-08	1.26E-07	2.00E-07	3.52E-08	1.77E-07	9.79E-07
5778	488997.52	3858740.04	1.34E-03	1.64E-03	1.45E-03	4.64E-07	1.40E-06	8.12E-07	9.95E-07	9.02E-07	4.11E-07	3.62E-07	1.55E-08	3.75E-07	8.27E-08	1.35E-07	2.14E-07	3.78E-08	1.90E-07	1.05E-06
5779	488935.44	3858682.82	1.35E-03	1.66E-03	1.46E-03	4.69E-07	1.42E-06	8.20E-07	1.00E-06	9.10E-07	4.15E-07	3.66E-07	1.57E-08	3.78E-07	8.35E-08	1.36E-07	2.16E-07	3.81E-08	1.92E-07	1.06E-06
5780	488869.17	3858848.43	3.28E-03	4.02E-03	3.54E-03	1.14E-06	3.43E-06	1.99E-06	2.44E-06	2.21E-06	1.01E-06	8.88E-07	3.80E-08	9.17E-07	2.02E-07	3.31E-07	5.25E-07	9.24E-08	4.66E-07	2.57E-06
5781	488932.48	3858892.69	1.58E-03	1.94E-03	1.71E-03	5.49E-07	1.66E-06	9.60E-07	1.18E-06	1.07E-06	4.87E-07	4.29E-07	1.83E-08	4.43E-07	9.77E-08	1.60E-07	2.53E-07	4.46E-08	2.25E-07	1.24E-06
5782	489063.27	3858977.17	6.20E-04	7.59E-04	6.68E-04	2.15E-07	6.49E-07	3.75E-07	4.60E-07	4.17E-07	1.90E-07	1.67E-07	7.17E-09	1.73E-07	3.82E-08	6.25E-08	9.91E-08	1.75E-08	8.78E-08	4.86E-07
5783	489248.2	3859117.15	3.68E-04	4.50E-04	3.96E-04	1.27E-07	3.85E-07	2.23E-07	2.73E-07	2.47E-07	1.13E-07	9.91E-08	4.25E-09	1.03E-07	2.27E-08	3.70E-08	5.88E-08	1.04E-08	5.20E-08	2.88E-07
5784	489296.25	3859049.22	4.39E-04	5.37E-04	4.72E-04	1.52E-07	4.59E-07	2.66E-07	3.25E-07	2.95E-07	1.35E-07	1.18E-07	5.08E-09	1.23E-07	2.71E-08	4.42E-08	7.01E-08	1.24E-08	6.21E-08	3.43E-07
5785	489353.38	3858993.97	4.95E-04	6.06E-04	5.33E-04	1.71E-07	5.18E-07	3.00E-07	3.67E-07	3.33E-07	1.52E-07	1.33E-07	5.72E-09	1.38E-07	3.05E-08	4.98E-08	7.91E-08	1.39E-08	7.00E-08	3.87E-07
5786	489537.25	3859120.22	3.53E-04	4.33E-04	3.80E-04	1.23E-07	3.70E-07	2.14E-07	2.62E-07	2.38E-07	1.08E-07	9.53E-08	4.09E-09	9.88E-08	2.18E-08	3.56E-08	5.65E-08	9.96E-09	5.00E-08	2.77E-07
5787	489726.98	3859246.04	2.82E-04	3.45E-04	3.03E-04	9.76E-08	2.95E-07	1.71E-07	2.09E-07	1.89E-07	8.65E-08	7.59E-08	3.26E-09	7.87E-08	1.74E-08	2.84E-08	4.50E-08	7.93E-09	3.98E-08	2.21E-07
5788	489911.46	3859366.33	2.39E-04	2.93E-04	2.57E-04	8.28E-08	2.50E-07	1.45E-07	1.77E-07	1.61E-07	7.33E-08	6.43E-08	2.76E-09	6.68E-08	1.47E-08	2.41E-08	3.82E-08	6.73E-09	3.38E-08	1.87E-07
5789	490035.3	3859430.26	2.21E-04	2.70E-04	2.37E-04	7.64E-08	2.31E-07	1.34E-07	1.64E-07	1.48E-07	6.77E-08	5.94E-08	2.55E-09	6.17E-08	1.36E-08	2.22E-08	3.52E-08	6.21E-09	3.12E-08	1.73E-07
5790	490101.11	3859458.61	2.14E-04	2.62E-04	2.29E-04	7.40E-08	2.23E-07	1.29E-07	1.58E-07	1.44E-07	6.55E-08	5.75E-08	2.47E-09	5.97E-08	1.32E-08	2.15E-08	3.41E-08	6.01E-09	3.02E-08	1.67E-07
5791	490312.68	3859560.3	1.92E-04	2.35E-04	2.06E-04	6.66E-08	2.01E-07	1.16E-07	1.43E-07	1.29E-07	5.90E-08	5.17E-08	2.22E-09	5.37E-08	1.18E-08	1.94E-08	3.07E-08	5.41E-09	2.71E-08	1.50E-07
5792	490401.63	3859603.12	1.85E-04	2.26E-04	1.98E-04	6.40E-08	1.93E-07	1.12E-07	1.37E-07	1.24E-07	5.66E-08	4.97E-08	2.14E-09	5.16E-08	1.14E-08	1.86E-08	2.95E-08	5.20E-09	2.61E-08	1.44E-07
5793	490490.57	3859645.94	1.78E-04	2.18E-04	1.91E-04	6.16E-08	1.86E-07	1.08E-07	1.32E-07	1.20E-07	5.46E-08	4.79E-08	2.06E-09	4.97E-08	1.10E-08	1.79E-08	2.84E-08	5.01E-09	2.51E-08	1.39E-07
5794	490579.51	3859688.76	1.72E-04	2.10E-04	1.84E-04	5.95E-08	1.80E-07	1.04E-07	1.27E-07	1.15E-07	5.27E-08	4.62E-08	1.99E-09	4.80E-08	1.06E-08	1.73E-08	2.74E-08	4.83E-09	2.42E-08	1.34E-07
5795	490668.45	3859731.58	1.66E-04	2.04E-04	1.79E-04	5.76E-08	1.74E-07	1.01E-07	1.23E-07	1.12E-07	5.10E-08	4.48E-08	1.92E-09	4.65E-08	1.03E-08	1.68E-08	2.66E-08	4.68E-09	2.35E-08	1.30E-07
5796	490757.4	3859774.4	1.61E-04	1.97E-04	1.72E-04	5.56E-08	1.68E-07	9.72E-08	1.19E-07	1.08E-07	4.93E-08	4.32E-08	1.86E-09	4.49E-08	9.90E-09	1.62E-08	2.56E-08	4.52E-09	2.27E-08	1.26E-07
5797	491003.53	3859861.82	1.50E-04	1.84E-04	1.62E-04	5.21E-08	1.57E-07	9.11E-08	1.12E-07	1.01E-07	4.61E-08	4.05E-08	1.74E-09	4.20E-08	9.27E-09	1.51E-08	2.40E-08	4.23E-09	2.12E-08	1.18E-07
5798	491081.41	3859879.05	1.48E-04	1.82E-04	1.59E-04	5.14E-08	1.55E-07	8.98E-08	1.10E-07	9.97E-08	4.55E-08	3.99E-08	1.72E-09	4.15E-08	9.15E-09	1.49E-08	2.37E-08	4.18E-09	2.09E-08	1.16E-07
5799	491229.76	3859917.82	1.44E-04	1.76E-04	1.55E-04	4.99E-08	1.51E-07	8.72E-08	1.07E-07	9.68E-08	4.42E-08	3.87E-08	1.67E-09	4.02E-08	8.88E-09	1.45E-08	2.30E-08	4.05E-09	2.03E-08	1.13E-07
5800	491300.22	3859939.35	1.41E-04	1.73E-04	1.52E-04	4.90E-08	1.48E-07	8.57E-08	1.05E-07	9.52E-08	4.34E-08	3.81E-08	1.64E-09	3.96E-08	8.73E-09	1.43E-08	2.26E-08	3.99E-09	2.00E-08	1.11E-07
5801	491350.49	3860012.03	1.34E-04	1.64E-04	1.44E-04	4.63E-08	1.40E-07	8.09E-08	9.91E-08	8.99E-08	4.10E-08	3.60E-08	1.55E-09	3.74E-08	8.24E-09	1.35E-08	2.14E-08	3.76E-09	1.89E-08	1.05E-07
5802	491406.82	3860092.57	1.26E-04	1.55E-04	1.36E-04	4.37E-08	1.32E-07	7.64E-08	9.36E-08	8.49E-08	3.87E-08	3.40E-08	1.46E-09	3.53E-08	7.78E-09	1.27E-08	2.02E-08	3.55E-09	1.78E-08	9.88E-08
5803	491483.37	3860121.96	1.24E-04	1.52E-04	1.33E-04	4.30E-08	1.30E-07	7.51E-08	9.20E-08	8.34E-08	3.81E-08	3.34E-08	1.44E-09	3.47E-08	7.65E-09	1.25E-08	1.98E-08	3.49E-09	1.75E-08	9.71E-08
5804	491559.91	3860151.36	1.22E-04	1.49E-04	1.31E-04	4.22E-08	1.27E-07	7.38E-08	9.03E-08	8.19E-08	3.74E-08	3.28E-08	1.41E-09	3.40E-08	7.51E-09	1.23E-08	1.95E-08	3.43E-09	1.72E-08	9.53E-08
5805	491711.81	3860237.76	1.18E-04	1.45E-04	1.27E-04	4.10E-08	1.24E-07	7.17E-08	8.79E-08	7.97E-08	3.63E-08	3.19E-08	1.37E-09	3.31E-08	7.31E-09	1.19E-08	1.89E-08	3.34E-09	1.67E-08	9.27E-08
5806	491755.2	3860319.07	1.09E-04	1.34E-04	1.17E-04	3.79E-08	1.14E-07	6.62E-08	8.11E-08	7.35E-08	3.35E-08	2.94E-08	1.26E-09	3.05E-08	6.74E-09	1.10E-08	1.75E-08	3.08E-09	1.54E-08	8.55E-08
5807	491704.71	3860366.54	1.06E-04	1.30E-04	1.14E-04	3.68E-08	1.11E-07	6.44E-08	7.88E-08	7.14E-08	3.26E-08	2.86E-08	1.23E-09	2.97E-08	6.55E-09	1.07E-08	1.70E-08	2.99E-09	1.50E-08	8.32E-08
5808	491623.43	3860462.39	1.00E-04	1.23E-04	1.08E-04	3.47E-08	1.05E-07	6.07E-08	7.44E-08	6.74E-08	3.08E-08	2.70E-08	1.16E-09	2.80E-08	6.18E-09	1.01E-08	1.60E-08	2.82E-09	1.42E-08	7.85E-08
5809	491534.02	3860439.85	1.05E-04	1.28E-04	1.12E-04	3.63E-08	1.10E-07	6.34E-08	7.77E-08	7.04E-08	3.21E-08	2.82E-08	1.21E-09	2.93E-08	6.46E-09	1.05E-08	1.67E-08	2.95E-09	1.48E-08	8.20E-08
5810	491313.95	3860268.18	1.11E-04	1.36E-04	1.19E-04	3.85E-08	1.16E-07	6.73E-08	8.24E-08	7.47E-08	3.41E-08	2.99E-08	1.29E-09	3.11E-08	6.85E-09	1.12E-08	1.78E-08	3.13E-09	1.57E-08	8.70E-08
5811	491187.12	3860143.56	1.21E-04	1.48E-04	1.30E-04	4.20E-08	1.27E-07	7.34E-08	8.99E-08	8.15E-08	3.72E-08	3.26E-08	1.40E-09	3.39E-08	7.47E-09	1.22E-08	1.94E-08	3.41E-09	1.71E-08	9.48E-08
5812	491070.43	3860075.97	1.27E-04	1.56E-04	1.37E-04	4.41E-08	1.33E-07	7.71E-08	9.44E-08	8.56E-08	3.91E-08	3.43E-08	1.47E-09	3.56E-08	7.85E-09	1.28E-08	2.03E-08	3.58E-09	1.80E-08	9.96E-08
5813	490995.09	3860039.39	1.31E-04	1.60E-04	1.40E-04	4.53E-08	1.37E-07	7.91E-08	9.69E-08	8.78E-08	4.01E-08	3.51E-08	1.51E-09	3.65E-08	8.06E-09	1.32E-08	2.09E-08	3.68E-09	1.84E-08	1.02E-07
5814	490919.75	3860002.8	1.34E-04	1.64E-04	1.44E-04	4.65E-08	1.40E-07	8.12E-08	9.95E-08	9.02E-08	4.12E-08	3.61E-08	1.55E-09	3.75E-08	8.27E-09	1.35E-08	2.14E-08	3.78E-09	1.89E-08	1.05E-07
5815	490756.81	3859894.53	1.46E-04	1.79E-04	1.57E-04	5.06E-08	1.53E-07	8.84E-08	1.08E-07	9.82E-08	4.48E-08	3.93E-08	1.69E-09	4.08E-08	9.00E-09	1.47E-08	2.33E-08	4.11E-09	2.06E-08	1.14E-07
5816	490668.07	3859860.92	1.49E-04	1.83E-04	1.60E-04	5.17E-08	1.56E-07	9.04E-08	1.11E-07	1.00E-07	4.58E-08	4.02E-08	1.73E-09	4.17E-08	9.20E-09	1.50E-08	2.38E-08	4.20E-09	2.11E-08	1.17E-07
5817	490579.34	3859827.3	1.53E-04	1.88E-04	1.64E-04	5.31E-08	1.60E-07	9.27E-08	1.14E-07	1.03E-07	4.70E-08	4.12E-08	1.77E-09	4.28E-08	9.44E-09	1.54E-08	2.45E-08	4.31E-09	2.16E-08	1.20E-07
5818	490490.6	3859793.68	1.57E-04	1.92E-04	1.68E-04	5.43E-08	1.64E-07	9.49E-08	1.16E-07	1.05E-07	4.81E-08	4.22E-08	1.81E-09	4.38E-08	9.67E-09	1.58E-08	2.50E-08	4.41E-09	2.21E-08	1.23E-07
5819	490401.86	3859760.07	1.61E-04	1.97E-04	1.73E-04	5.57E-08	1.68E-07	9.73E-08	1.19E-07	1.08E-07	4.93E-08	4.32E-08	1.86E-09	4.49E-08	9.91E-09	1.62E-08	2.57E-08	4.52E-09	2.27E-08	1.26E-07
5820	490313.12	3859726.45	1.65E-04	2.02E-04	1.78E-04	5.73E-08	1.73E-07	1.00E-07	1.23E-07	1.11E-07	5.07E-08	4.45E-08	1.91E-09	4.62E-08	1.02E-08	1.66E-08	2.64E-08	4.65E-09	2.33E-08	1.29E-07
5821	490224.39	3859692.83	1.70E-04	2.09E-04	1.83E-04	5.90E-08	1.78E-07	1.03E-07	1.26E-07	1.15E-07	5.23E-08	4.58E-08	1.97E-09	4.76E-08	1.05E-08	1.72E-08	2.72E-08	4.80E-09	2.41E-08	1.33E-07
5822	490135.65	3859659.22	1.76E-04	2.15E-04	1.89E-04	6.10E-08	1.84E-07	1.07E-07	1.31E-07	1.18E-07	5.40E-08	4.74E-08	2.04E-09	4.92E-08	1.09E-08	1.77E-08	2.81E-08	4.95E-09	2.49E-08	1.38E-07
5823	489918.19	3859559.23	1.94E-04	2.38E-04	2.09E-04	6.73E-08	2.03E-07	1.18E-07	1.44E-07	1.31E-07	5.96E-08	5.23E-08	2.25E-09	5.43E-08	1.20E-08	1.96E-08	3.10E-08	5.47E-09	2.74E-08	1.52E-07

5824	489743.61	3859486	2.10E-04	2.57E-04	2.26E-04	7.27E-08	2.20E-07	1.27E-07	1.56E-07	1.41E-07	6.44E-08	5.65E-08	2.43E-09	5.87E-08	1.29E-08	2.11E-08	3.35E-08	5.91E-09	2.97E-08	1.64E-07
5825	489660.32	3859440.27	2.21E-04	2.70E-04	2.37E-04	7.65E-08	2.31E-07	1.34E-07	1.64E-07	1.48E-07	6.78E-08	5.95E-08	2.55E-09	6.17E-08	1.36E-08	2.22E-08	3.53E-08	6.22E-09	3.12E-08	1.73E-07
5826	489577.04	3859394.53	2.33E-04	2.85E-04	2.51E-04	8.08E-08	2.44E-07	1.41E-07	1.73E-07	1.57E-07	7.15E-08	6.28E-08	2.70E-09	6.52E-08	1.44E-08	2.35E-08	3.72E-08	6.56E-09	3.29E-08	1.82E-07
5827	489493.75	3859348.8	2.47E-04	3.03E-04	2.65E-04	8.56E-08	2.58E-07	1.50E-07	1.83E-07	1.66E-07	7.58E-08	6.65E-08	2.86E-09	6.90E-08	1.52E-08	2.49E-08	3.95E-08	6.96E-09	3.49E-08	1.93E-07
5828	489321.28	3859240.02	2.89E-04	3.55E-04	3.11E-04	1.00E-07	3.03E-07	1.75E-07	2.15E-07	1.95E-07	8.88E-08	7.80E-08	3.35E-09	8.09E-08	1.79E-08	2.92E-08	4.63E-08	8.15E-09	4.09E-08	2.27E-07
5829	489235.41	3859193.96	3.15E-04	3.86E-04	3.39E-04	1.09E-07	3.29E-07	1.91E-07	2.34E-07	2.12E-07	9.66E-08	8.48E-08	3.64E-09	8.80E-08	1.94E-08	3.17E-08	5.03E-08	8.87E-09	4.45E-08	2.46E-07
5830	489149.54	3859147.89	3.46E-04	4.24E-04	3.72E-04	1.20E-07	3.62E-07	2.10E-07	2.57E-07	2.33E-07	1.06E-07	9.32E-08	4.00E-09	9.67E-08	2.13E-08	3.49E-08	5.53E-08	9.74E-09	4.89E-08	2.71E-07
5831	489063.68	3859101.82	3.88E-04	4.75E-04	4.17E-04	1.34E-07	4.06E-07	2.35E-07	2.88E-07	2.61E-07	1.19E-07	1.05E-07	4.49E-09	1.08E-07	2.39E-08	3.91E-08	6.20E-08	1.09E-08	5.49E-08	3.04E-07
5832	488977.81	3859055.75	4.44E-04	5.44E-04	4.79E-04	1.54E-07	4.65E-07	2.69E-07	3.30E-07	2.99E-07	1.36E-07	1.20E-07	5.14E-09	1.24E-07	2.74E-08	4.48E-08	7.10E-08	1.25E-08	6.29E-08	3.48E-07
5833	488891.94	3859009.69	5.20E-04	6.37E-04	5.60E-04	1.80E-07	5.44E-07	3.15E-07	3.86E-07	3.50E-07	1.60E-07	1.40E-07	6.02E-09	1.45E-07	3.21E-08	5.24E-08	8.32E-08	1.47E-08	7.37E-08	4.07E-07
5834	488808	3859060.73	4.29E-04	5.25E-04	4.61E-04	1.49E-07	4.48E-07	2.60E-07	3.18E-07	2.88E-07	1.32E-07	1.16E-07	4.96E-09	1.20E-07	2.64E-08	4.32E-08	6.85E-08	1.21E-08	6.07E-08	3.36E-07
5835	488809.93	3859157.85	3.38E-04	4.14E-04	3.63E-04	1.17E-07	3.53E-07	2.05E-07	2.51E-07	2.27E-07	1.04E-07	9.11E-08	3.91E-09	9.44E-08	2.08E-08	3.40E-08	5.40E-08	9.51E-09	4.78E-08	2.64E-07
5836	488811.86	3859254.96	2.84E-04	3.48E-04	3.06E-04	9.85E-08	2.97E-07	1.72E-07	2.11E-07	1.91E-07	8.72E-08	7.66E-08	3.29E-09	7.94E-08	1.75E-08	2.86E-08	4.54E-08	8.00E-09	4.02E-08	2.22E-07
5837	488813.78	3859352.07	2.47E-04	3.03E-04	2.66E-04	8.57E-08	2.59E-07	1.50E-07	1.84E-07	1.66E-07	7.59E-08	6.66E-08	2.86E-09	6.92E-08	1.53E-08	2.49E-08	3.95E-08	6.97E-09	3.50E-08	1.94E-07
5838	488815.71	3859449.19	2.21E-04	2.70E-04	2.37E-04	7.65E-08	2.31E-07	1.34E-07	1.64E-07	1.49E-07	6.78E-08	5.95E-08	2.56E-09	6.17E-08	1.36E-08	2.22E-08	3.53E-08	6.22E-09	3.12E-08	1.73E-07
5839	488910.04	3859547.11	2.00E-04	2.46E-04	2.15E-04	6.95E-08	2.10E-07	1.21E-07	1.49E-07	1.35E-07	6.15E-08	5.40E-08	2.32E-09	5.60E-08	1.24E-08	2.02E-08	3.20E-08	5.65E-09	2.83E-08	1.57E-07
5840	489002.45	3859547.91	2.02E-04	2.47E-04	2.17E-04	6.99E-08	2.11E-07	1.22E-07	1.50E-07	1.36E-07	6.19E-08	5.43E-08	2.33E-09	5.64E-08	1.24E-08	2.03E-08	3.22E-08	5.68E-09	2.85E-08	1.58E-07
5841	489094.85	3859548.72	2.03E-04	2.49E-04	2.18E-04	7.03E-08	2.12E-07	1.23E-07	1.51E-07	1.36E-07	6.23E-08	5.46E-08	2.35E-09	5.67E-08	1.25E-08	2.04E-08	3.24E-08	5.71E-09	2.87E-08	1.59E-07
5842	489230.05	3859601.87	1.94E-04	2.38E-04	2.09E-04	6.74E-08	2.03E-07	1.18E-07	1.44E-07	1.31E-07	5.97E-08	5.24E-08	2.25E-09	5.44E-08	1.20E-08	1.96E-08	3.11E-08	5.48E-09	2.75E-08	1.52E-07
5843	489227.52	3859680.89	1.81E-04	2.22E-04	1.94E-04	6.27E-08	1.89E-07	1.10E-07	1.34E-07	1.22E-07	5.55E-08	4.87E-08	2.09E-09	5.06E-08	1.12E-08	1.82E-08	2.89E-08	5.10E-09	2.56E-08	1.42E-07
5844	489133.47	3859760.29	1.68E-04	2.06E-04	1.81E-04	5.83E-08	1.76E-07	1.02E-07	1.25E-07	1.13E-07	5.17E-08	4.53E-08	1.95E-09	4.71E-08	1.04E-08	1.70E-08	2.69E-08	4.74E-09	2.38E-08	1.32E-07
5845	489041.96	3859760.67	1.68E-04	2.05E-04	1.80E-04	5.81E-08	1.75E-07	1.02E-07	1.24E-07	1.13E-07	5.14E-08	4.51E-08	1.94E-09	4.68E-08	1.03E-08	1.69E-08	2.68E-08	4.72E-09	2.37E-08	1.31E-07
5846	488950.45	3859761.05	1.67E-04	2.04E-04	1.79E-04	5.77E-08	1.74E-07	1.01E-07	1.24E-07	1.12E-07	5.11E-08	4.48E-08	1.93E-09	4.66E-08	1.03E-08	1.68E-08	2.66E-08	4.69E-09	2.35E-08	1.30E-07
5847	488858.94	3859761.43	1.66E-04	2.03E-04	1.78E-04	5.75E-08	1.73E-07	1.00E-07	1.23E-07	1.12E-07	5.09E-08	4.46E-08	1.92E-09	4.63E-08	1.02E-08	1.67E-08	2.65E-08	4.67E-09	2.34E-08	1.30E-07
5848	488767.43	3859761.82	1.65E-04	2.02E-04	1.77E-04	5.71E-08	1.72E-07	9.97E-08	1.22E-07	1.11E-07	5.05E-08	4.43E-08	1.91E-09	4.60E-08	1.02E-08	1.66E-08	2.63E-08	4.64E-09	2.33E-08	1.29E-07
5849	488675.92	3859762.2	1.64E-04	2.01E-04	1.76E-04	5.69E-08	1.72E-07	9.94E-08	1.22E-07	1.10E-07	5.03E-08	4.42E-08	1.90E-09	4.59E-08	1.01E-08	1.65E-08	2.62E-08	4.62E-09	2.32E-08	1.28E-07
5850	488584.41	3859762.58	1.63E-04	2.00E-04	1.75E-04	5.65E-08	1.71E-07	9.87E-08	1.21E-07	1.10E-07	5.00E-08	4.39E-08	1.89E-09	4.56E-08	1.01E-08	1.64E-08	2.61E-08	4.59E-09	2.30E-08	1.28E-07
5851	488492.9	3859762.96	1.62E-04	1.99E-04	1.74E-04	5.62E-08	1.70E-07	9.82E-08	1.20E-07	1.09E-07	4.98E-08	4.37E-08	1.88E-09	4.53E-08	1.00E-08	1.63E-08	2.59E-08	4.57E-09	2.29E-08	1.27E-07
5852	488402.76	3859830.95	1.54E-04	1.88E-04	1.65E-04	5.32E-08	1.61E-07	9.30E-08	1.14E-07	1.03E-07	4.71E-08	4.13E-08	1.78E-09	4.29E-08	9.47E-09	1.55E-08	2.45E-08	4.32E-09	2.17E-08	1.20E-07
5853	488404.14	3859898.55	1.46E-04	1.79E-04	1.57E-04	5.05E-08	1.53E-07	8.83E-08	1.08E-07	9.81E-08	4.48E-08	3.93E-08	1.69E-09	4.08E-08	9.00E-09	1.47E-08	2.33E-08	4.11E-09	2.06E-08	1.14E-07
5854	488505.18	3859964.96	1.40E-04	1.71E-04	1.50E-04	4.85E-08	1.46E-07	8.48E-08	1.04E-07	9.41E-08	4.30E-08	3.77E-08	1.62E-09	3.91E-08	8.63E-09	1.41E-08	2.24E-08	3.94E-09	1.98E-08	1.10E-07
5855	488604.85	3859963.76	1.41E-04	1.72E-04	1.51E-04	4.87E-08	1.47E-07	8.52E-08	1.04E-07	9.46E-08	4.32E-08	3.79E-08	1.63E-09	3.93E-08	8.68E-09	1.42E-08	2.25E-08	3.96E-09	1.99E-08	1.10E-07
5856	488704.51	3859962.56	1.42E-04	1.73E-04	1.52E-04	4.90E-08	1.48E-07	8.57E-08	1.05E-07	9.52E-08	4.34E-08	3.81E-08	1.64E-09	3.96E-08	8.73E-09	1.43E-08	2.26E-08	3.99E-09	2.00E-08	1.11E-07
5857	488804.18	3859961.37	1.43E-04	1.75E-04	1.53E-04	4.94E-08	1.49E-07	8.64E-08	1.06E-07	9.59E-08	4.38E-08	3.84E-08	1.65E-09	3.99E-08	8.79E-09	1.44E-08	2.28E-08	4.02E-09	2.01E-08	1.12E-07
5858	488903.85	3859960.17	1.44E-04	1.76E-04	1.54E-04	4.98E-08	1.50E-07	8.70E-08	1.07E-07	9.66E-08	4.41E-08	3.87E-08	1.66E-09	4.02E-08	8.86E-09	1.45E-08	2.30E-08	4.05E-09	2.03E-08	1.12E-07
5859	489003.52	3859958.97	1.45E-04	1.77E-04	1.55E-04	5.01E-08	1.51E-07	8.75E-08	1.07E-07	9.72E-08	4.43E-08	3.89E-08	1.67E-09	4.04E-08	8.91E-09	1.46E-08	2.31E-08	4.07E-09	2.04E-08	1.13E-07
5860	489103.18	3859957.77	1.45E-04	1.78E-04	1.56E-04	5.03E-08	1.52E-07	8.80E-08	1.08E-07	9.77E-08	4.46E-08	3.91E-08	1.68E-09	4.06E-08	8.96E-09	1.46E-08	2.32E-08	4.09E-09	2.05E-08	1.14E-07
5861	489201.48	3860046.59	1.38E-04	1.69E-04	1.48E-04	4.77E-08	1.44E-07	8.33E-08	1.02E-07	9.25E-08	4.22E-08	3.70E-08	1.59E-09	3.85E-08	8.49E-09	1.39E-08	2.20E-08	3.87E-09	1.94E-08	1.08E-07
5862	489200.11	3860136.61	1.30E-04	1.59E-04	1.39E-04	4.50E-08	1.36E-07	7.86E-08	9.63E-08	8.73E-08	3.98E-08	3.49E-08	1.50E-09	3.63E-08	8.00E-09	1.31E-08	2.07E-08	3.65E-09	1.83E-08	1.02E-07
5863	489198.74	3860226.63	1.23E-04	1.50E-04	1.32E-04	4.25E-08	1.28E-07	7.44E-08	9.11E-08	8.26E-08	3.77E-08	3.30E-08	1.42E-09	3.43E-08	7.57E-09	1.24E-08	1.96E-08	3.46E-09	1.73E-08	9.61E-08
5864	489197.38	3860316.66	1.16E-04	1.42E-04	1.25E-04	4.03E-08	1.22E-07	7.04E-08	8.63E-08	7.82E-08	3.57E-08	3.13E-08	1.35E-09	3.25E-08	7.17E-09	1.17E-08	1.86E-08	3.27E-09	1.64E-08	9.10E-08
5865	489196.01	3860406.68	1.11E-04	1.35E-04	1.19E-04	3.83E-08	1.16E-07	6.70E-08	8.20E-08	7.44E-08	3.39E-08	2.98E-08	1.28E-09	3.09E-08	6.82E-09	1.11E-08	1.77E-08	3.11E-09	1.56E-08	8.66E-08
5866	489194.64	3860496.7	1.05E-04	1.29E-04	1.13E-04	3.64E-08	1.10E-07	6.36E-08	7.79E-08	7.06E-08	3.22E-08	2.82E-08	1.21E-09	2.93E-08	6.47E-09	1.06E-08	1.68E-08	2.96E-09	1.48E-08	8.21E-08
5867	489193.27	3860586.72	1.00E-04	1.23E-04	1.08E-04	3.47E-08	1.05E-07	6.07E-08	7.43E-08	6.74E-08	3.07E-08	2.70E-08	1.16E-09	2.80E-08	6.18E-09	1.01E-08	1.60E-08	2.82E-09	1.41E-08	7.84E-08
5868	489092.02	3860678.13	9.50E-05	1.16E-04	1.02E-04	3.29E-08	9.94E-08	5.75E-08	7.05E-08	6.39E-08	2.91E-08	2.56E-08	1.10E-09	2.65E-08	5.86E-09	9.57E-09	1.52E-08	2.67E-09	1.34E-08	7.43E-08
5869	488992.13	3860679.53	9.43E-05	1.15E-04	1.01E-04	3.27E-08	9.86E-08	5.71E-08	6.99E-08	6.34E-08	2.89E-08	2.54E-08	1.09E-09	2.64E-08	5.82E-09	9.50E-09	1.51E-08	2.66E-09	1.33E-08	7.38E-08
5870	488892.25	3860680.92	9.38E-05	1.15E-04	1.01E-04	3.25E-08	9.82E-08	5.68E-08	6.96E-08	6.31E-08	2.88E-08	2.53E-08	1.09E-09	2.62E-08	5.79E-09	9.45E-09	1.50E-08	2.64E-09	1.33E-08	7.34E-08
5871	488792.36	3860682.31	9.34E-05	1.14E-04	1.00E-04	3.24E-08	9.77E-08	5.66E-08	6.93E-08	6.28E-08	2.87E-08	2.51E-08	1.08E-09	2.61E-08	5.76E-09	9.41E-09	1.49E-08	2.63E-09	1.32E-08	7.31E-08
5872	488692.48	3860683.7	9.32E-05	1.14E-04	1.00E-04	3.23E-08	9.76E-08	5.65E-08	6.92E-08	6.27E-08	2.86E-08	2.51E-08	1.08E-09	2.61E-08	5.75E-09	9.39E-09	1.49E-08	2.63E-09	1.32E-08	7.30E-08
5873	488592.59	3860685.1	9.28E-05	1.14E-04	9.97E-05	3.22E-08	9.71E-08	5.62E-08	6.89E-08	6.24E-08	2.85E-08	2.50E-08	1.07E-09	2.59E-08	5.73E-09	9.35E-09	1.48E-08	2.61E-09	1.31E-08	7.27E-08
5874	488492.71	3860686.49	9.33E-05	1.14E-04	1.00E-04	3.23E-08	9.76E-08	5.65E-08	6.92E-08	6.27E-08	2.86E-08	2.51E-08	1.08E-09	2.61E-08	5.75E-09	9.40E-09	1.49E-08	2.63E-09	1.32E-08	7.30E-08
5875	488299.07	3860762.18	9.19E-05	1.13E-04	9.87E-05	3.18E-08	9.62E-08	5.57E-08	6.82E-08	6.18E-08	2.82E-08	2.47E-08	1.06E-09	2.57E-08	5.67E-09	9.26E-09	1.47E-08	2.59E-09	1.30E-08	7.19E-08
5876	488205.32	3860764.09	9.13E-05	1.12E-04	9.81E-05	3.16E-08	9.55E-08	5.53E-08	6.77E-08	6.14E-08	2.80E-08	2.46E-08	1.06E-09	2.55E-08	5.63E-09	9.20E-09	1.46E-08	2.57E-09	1.29E-08	7.15E-08
5877	488111.56	3860766	9.04E-05	1.11E-04	9.71E-05	3.13E-08	9.46E-08	5.47E-08	6.71E-08	6.08E-08	2.77E-08	2.43E-08	1.05E-09	2.53E-08	5.58E-09	9.10E-09	1.44E-08	2.55E-09	1.28E-08	7.07E-08
5878	488017.81	3860767.91	8.95E-05	1.10E-04	9.61E-05	3.10E-08	9.36E-08	5.42E-08	6.64E-08	6.02E-08	2.75E-08	2.41E-08	1.04E-09	2.50E-08	5.52E-09	9.01E-09	1.43E-08	2.52E-09	1.26E-08	7.00E-08

5879	487924.06	3860769.81	8.88E-05	1.09E-04	9.54E-05	3.08E-08	9.29E-08	5.38E-08	6.59E-08	5.97E-08	2.72E-08	2.39E-08	1.03E-09	2.48E-08	5.48E-09	8.94E-09	1.42E-08	2.50E-09	1.25E-08	6.95E-08
5880	487830.31	3860771.72	8.83E-05	1.08E-04	9.49E-05	3.06E-08	9.24E-08	5.35E-08	6.55E-08	5.94E-08	2.71E-08	2.38E-08	1.02E-09	2.47E-08	5.45E-09	8.90E-09	1.41E-08	2.49E-09	1.25E-08	6.91E-08
5881	487736.55	3860773.63	8.80E-05	1.08E-04	9.46E-05	3.05E-08	9.21E-08	5.33E-08	6.53E-08	5.92E-08	2.70E-08	2.37E-08	1.02E-09	2.46E-08	5.43E-09	8.87E-09	1.41E-08	2.48E-09	1.24E-08	6.89E-08
5882	487642.8	3860775.54	8.81E-05	1.08E-04	9.47E-05	3.05E-08	9.22E-08	5.34E-08	6.54E-08	5.93E-08	2.70E-08	2.37E-08	1.02E-09	2.46E-08	5.44E-09	8.88E-09	1.41E-08	2.48E-09	1.25E-08	6.90E-08
5883	487549.48	3860684.71	9.20E-05	1.13E-04	9.89E-05	3.19E-08	9.63E-08	5.57E-08	6.83E-08	6.19E-08	2.82E-08	2.48E-08	1.07E-09	2.57E-08	5.68E-09	9.27E-09	1.47E-08	2.59E-09	1.30E-08	7.20E-08
5884	487549.91	3860591.97	9.55E-05	1.17E-04	1.03E-04	3.31E-08	9.99E-08	5.79E-08	7.09E-08	6.42E-08	2.93E-08	2.57E-08	1.11E-09	2.67E-08	5.89E-09	9.62E-09	1.53E-08	2.69E-09	1.35E-08	7.48E-08
5885	487550.34	3860499.23	9.98E-05	1.22E-04	1.07E-04	3.46E-08	1.04E-07	6.04E-08	7.40E-08	6.71E-08	3.06E-08	2.69E-08	1.15E-09	2.79E-08	6.15E-09	1.00E-08	1.59E-08	2.81E-09	1.41E-08	7.81E-08
5886	487550.76	3860406.49	1.05E-04	1.28E-04	1.12E-04	3.62E-08	1.09E-07	6.33E-08	7.76E-08	7.03E-08	3.21E-08	2.82E-08	1.21E-09	2.92E-08	6.45E-09	1.05E-08	1.67E-08	2.94E-09	1.48E-08	8.18E-08
5887	487551.19	3860313.75	1.09E-04	1.34E-04	1.17E-04	3.79E-08	1.14E-07	6.62E-08	8.11E-08	7.35E-08	3.35E-08	2.94E-08	1.27E-09	3.06E-08	6.74E-09	1.10E-08	1.75E-08	3.08E-09	1.54E-08	8.56E-08
5888	487551.62	3860221.01	1.15E-04	1.40E-04	1.23E-04	3.97E-08	1.20E-07	6.95E-08	8.51E-08	7.71E-08	3.52E-08	3.09E-08	1.33E-09	3.21E-08	7.07E-09	1.16E-08	1.83E-08	3.23E-09	1.62E-08	8.98E-08
5889	487552.05	3860128.27	1.21E-04	1.48E-04	1.30E-04	4.20E-08	1.27E-07	7.34E-08	8.99E-08	8.15E-08	3.72E-08	3.26E-08	1.40E-09	3.39E-08	7.48E-09	1.22E-08	1.94E-08	3.41E-09	1.71E-08	9.49E-08
5890	487552.48	3860035.53	1.28E-04	1.57E-04	1.38E-04	4.44E-08	1.34E-07	7.76E-08	9.50E-08	8.61E-08	3.93E-08	3.45E-08	1.48E-09	3.58E-08	7.90E-09	1.29E-08	2.05E-08	3.61E-09	1.81E-08	1.00E-07
5891	487552.91	3859942.79	1.34E-04	1.65E-04	1.44E-04	4.66E-08	1.41E-07	8.14E-08	9.97E-08	9.04E-08	4.12E-08	3.62E-08	1.56E-09	3.76E-08	8.29E-09	1.35E-08	2.15E-08	3.78E-09	1.90E-08	1.05E-07
5892	487553.33	3859850.05	1.43E-04	1.75E-04	1.53E-04	4.95E-08	1.49E-07	8.65E-08	1.06E-07	9.60E-08	4.38E-08	3.84E-08	1.65E-09	3.99E-08	8.80E-09	1.44E-08	2.28E-08	4.02E-09	2.02E-08	1.12E-07
5893	487553.76	3859757.31	1.51E-04	1.85E-04	1.62E-04	5.23E-08	1.58E-07	9.15E-08	1.12E-07	1.02E-07	4.64E-08	4.07E-08	1.75E-09	4.22E-08	9.32E-09	1.52E-08	2.41E-08	4.25E-09	2.13E-08	1.18E-07
5894	487554.19	3859664.57	1.60E-04	1.96E-04	1.72E-04	5.56E-08	1.68E-07	9.71E-08	1.19E-07	1.08E-07	4.92E-08	4.32E-08	1.86E-09	4.48E-08	9.89E-09	1.62E-08	2.56E-08	4.52E-09	2.27E-08	1.26E-07
5895	487460.2	3859571.05	1.69E-04	2.07E-04	1.82E-04	5.85E-08	1.77E-07	1.02E-07	1.25E-07	1.14E-07	5.18E-08	4.55E-08	1.95E-09	4.72E-08	1.04E-08	1.70E-08	2.70E-08	4.76E-09	2.39E-08	1.32E-07
5896	487365.78	3859570.27	1.68E-04	2.05E-04	1.80E-04	5.81E-08	1.75E-07	1.02E-07	1.24E-07	1.13E-07	5.14E-08	4.51E-08	1.94E-09	4.69E-08	1.03E-08	1.69E-08	2.68E-08	4.72E-09	2.37E-08	1.31E-07
5897	487271.36	3859569.48	1.66E-04	2.04E-04	1.79E-04	5.77E-08	1.74E-07	1.01E-07	1.23E-07	1.12E-07	5.11E-08	4.48E-08	1.93E-09	4.65E-08	1.03E-08	1.68E-08	2.66E-08	4.69E-09	2.35E-08	1.30E-07
5898	487176.94	3859568.7	1.65E-04	2.02E-04	1.77E-04	5.72E-08	1.73E-07	1.00E-07	1.22E-07	1.11E-07	5.07E-08	4.44E-08	1.91E-09	4.61E-08	1.02E-08	1.66E-08	2.64E-08	4.65E-09	2.33E-08	1.29E-07
5899	487082.51	3859567.92	1.64E-04	2.01E-04	1.76E-04	5.68E-08	1.72E-07	9.93E-08	1.22E-07	1.10E-07	5.03E-08	4.41E-08	1.90E-09	4.58E-08	1.01E-08	1.65E-08	2.62E-08	4.62E-09	2.32E-08	1.28E-07
5900	486988.09	3859567.14	1.63E-04	1.99E-04	1.75E-04	5.64E-08	1.70E-07	9.86E-08	1.21E-07	1.09E-07	4.99E-08	4.38E-08	1.88E-09	4.55E-08	1.00E-08	1.64E-08	2.60E-08	4.58E-09	2.30E-08	1.27E-07
5901	486893.67	3859566.36	1.62E-04	1.98E-04	1.74E-04	5.60E-08	1.69E-07	9.79E-08	1.20E-07	1.09E-07	4.96E-08	4.35E-08	1.87E-09	4.52E-08	9.97E-09	1.63E-08	2.58E-08	4.55E-09	2.28E-08	1.27E-07
5902	486799.25	3859565.58	1.61E-04	1.97E-04	1.72E-04	5.56E-08	1.68E-07	9.72E-08	1.19E-07	1.08E-07	4.93E-08	4.32E-08	1.86E-09	4.49E-08	9.90E-09	1.62E-08	2.56E-08	4.52E-09	2.27E-08	1.26E-07
5903	486704.83	3859564.79	1.59E-04	1.95E-04	1.71E-04	5.52E-08	1.67E-07	9.66E-08	1.18E-07	1.07E-07	4.89E-08	4.29E-08	1.84E-09	4.46E-08	9.83E-09	1.61E-08	2.55E-08	4.49E-09	2.25E-08	1.25E-07
5904	486610.41	3859564.01	1.58E-04	1.94E-04	1.70E-04	5.49E-08	1.66E-07	9.59E-08	1.17E-07	1.06E-07	4.86E-08	4.26E-08	1.83E-09	4.43E-08	9.77E-09	1.59E-08	2.53E-08	4.46E-09	2.24E-08	1.24E-07
5905	486515.99	3859563.23	1.57E-04	1.92E-04	1.68E-04	5.43E-08	1.64E-07	9.49E-08	1.16E-07	1.05E-07	4.81E-08	4.22E-08	1.81E-09	4.38E-08	9.66E-09	1.58E-08	2.50E-08	4.41E-09	2.21E-08	1.23E-07
5906	486421.57	3859562.45	1.55E-04	1.90E-04	1.67E-04	5.38E-08	1.63E-07	9.41E-08	1.15E-07	1.04E-07	4.77E-08	4.18E-08	1.80E-09	4.34E-08	9.58E-09	1.56E-08	2.48E-08	4.37E-09	2.19E-08	1.22E-07
5907	486327.14	3859561.67	1.54E-04	1.89E-04	1.66E-04	5.35E-08	1.61E-07	9.34E-08	1.14E-07	1.04E-07	4.73E-08	4.15E-08	1.79E-09	4.31E-08	9.52E-09	1.55E-08	2.47E-08	4.34E-09	2.18E-08	1.21E-07
5908	486232.72	3859560.89	1.53E-04	1.87E-04	1.64E-04	5.29E-08	1.60E-07	9.25E-08	1.13E-07	1.03E-07	4.68E-08	4.11E-08	1.77E-09	4.27E-08	9.42E-09	1.54E-08	2.44E-08	4.30E-09	2.16E-08	1.19E-07
5909	486138.3	3859560.1	1.51E-04	1.85E-04	1.62E-04	5.24E-08	1.58E-07	9.16E-08	1.12E-07	1.02E-07	4.64E-08	4.07E-08	1.75E-09	4.23E-08	9.33E-09	1.52E-08	2.42E-08	4.26E-09	2.14E-08	1.18E-07
5910	486043.88	3859559.32	1.50E-04	1.83E-04	1.61E-04	5.19E-08	1.57E-07	9.07E-08	1.11E-07	1.01E-07	4.59E-08	4.03E-08	1.73E-09	4.18E-08	9.23E-09	1.51E-08	2.39E-08	4.21E-09	2.11E-08	1.17E-07
5911	485949.35	3859463.54	1.55E-04	1.90E-04	1.66E-04	5.37E-08	1.62E-07	9.39E-08	1.15E-07	1.04E-07	4.76E-08	4.17E-08	1.79E-09	4.33E-08	9.56E-09	1.56E-08	2.48E-08	4.37E-09	2.19E-08	1.21E-07
5912	485949.24	3859368.55	1.63E-04	1.99E-04	1.75E-04	5.64E-08	1.70E-07	9.86E-08	1.21E-07	1.09E-07	4.99E-08	4.38E-08	1.88E-09	4.55E-08	1.00E-08	1.64E-08	2.60E-08	4.58E-09	2.30E-08	1.27E-07
5913	485949.12	3859273.55	1.71E-04	2.10E-04	1.84E-04	5.93E-08	1.79E-07	1.04E-07	1.27E-07	1.15E-07	5.25E-08	4.61E-08	1.98E-09	4.79E-08	1.06E-08	1.72E-08	2.74E-08	4.82E-09	2.42E-08	1.34E-07
5914	485949.01	3859178.56	1.80E-04	2.21E-04	1.93E-04	6.24E-08	1.89E-07	1.09E-07	1.34E-07	1.21E-07	5.53E-08	4.85E-08	2.08E-09	5.04E-08	1.11E-08	1.81E-08	2.88E-08	5.07E-09	2.54E-08	1.41E-07
5915	485948.9	3859083.56	1.90E-04	2.33E-04	2.04E-04	6.59E-08	1.99E-07	1.15E-07	1.41E-07	1.28E-07	5.84E-08	5.12E-08	2.20E-09	5.32E-08	1.17E-08	1.92E-08	3.04E-08	5.36E-09	2.69E-08	1.49E-07
5916	485948.79	3858988.56	2.00E-04	2.45E-04	2.15E-04	6.94E-08	2.10E-07	1.21E-07	1.49E-07	1.35E-07	6.15E-08	5.39E-08	2.32E-09	5.60E-08	1.24E-08	2.02E-08	3.20E-08	5.64E-09	2.83E-08	1.57E-07
5917	485948.67	3858893.57	2.11E-04	2.59E-04	2.27E-04	7.32E-08	2.21E-07	1.28E-07	1.57E-07	1.42E-07	6.48E-08	5.68E-08	2.44E-09	5.90E-08	1.30E-08	2.13E-08	3.37E-08	5.95E-09	2.98E-08	1.65E-07
5918	485948.56	3858798.57	2.24E-04	2.75E-04	2.41E-04	7.77E-08	2.35E-07	1.36E-07	1.66E-07	1.51E-07	6.88E-08	6.03E-08	2.60E-09	6.27E-08	1.38E-08	2.26E-08	3.58E-08	6.32E-09	3.17E-08	1.76E-07
5919	485948.45	3858703.58	2.37E-04	2.90E-04	2.54E-04	8.20E-08	2.48E-07	1.43E-07	1.76E-07	1.59E-07	7.26E-08	6.36E-08	2.74E-09	6.61E-08	1.46E-08	2.38E-08	3.78E-08	6.66E-09	3.34E-08	1.85E-07
5920	485948.34	3858608.58	2.52E-04	3.08E-04	2.70E-04	8.72E-08	2.63E-07	1.52E-07	1.87E-07	1.69E-07	7.72E-08	6.77E-08	2.91E-09	7.03E-08	1.55E-08	2.53E-08	4.02E-08	7.08E-09	3.55E-08	1.97E-07
5921	485948.22	3858513.59	2.68E-04	3.28E-04	2.87E-04	9.27E-08	2.80E-07	1.62E-07	1.99E-07	1.80E-07	8.21E-08	7.20E-08	3.10E-09	7.48E-08	1.65E-08	2.70E-08	4.28E-08	7.54E-09	3.78E-08	2.09E-07
5922	485948.11	3858418.59	2.85E-04	3.48E-04	3.05E-04	9.86E-08	2.98E-07	1.72E-07	2.11E-07	1.91E-07	8.73E-08	7.65E-08	3.29E-09	7.95E-08	1.76E-08	2.87E-08	4.55E-08	8.01E-09	4.02E-08	2.23E-07
5923	485948	3858323.59	3.04E-04	3.73E-04	3.27E-04	1.05E-07	3.18E-07	1.84E-07	2.26E-07	2.05E-07	9.34E-08	8.19E-08	3.52E-09	8.51E-08	1.88E-08	3.07E-08	4.86E-08	8.57E-09	4.30E-08	2.38E-07
5924	485947.89	3858228.6	3.25E-04	3.98E-04	3.49E-04	1.13E-07	3.40E-07	1.97E-07	2.41E-07	2.18E-07	9.96E-08	8.73E-08	3.76E-09	9.08E-08	2.00E-08	3.27E-08	5.19E-08	9.14E-09	4.58E-08	2.54E-07
5925	485947.77	3858133.6	3.47E-04	4.25E-04	3.73E-04	1.20E-07	3.63E-07	2.10E-07	2.58E-07	2.33E-07	1.07E-07	9.34E-08	4.02E-09	9.71E-08	2.14E-08	3.50E-08	5.55E-08	9.78E-09	4.90E-08	2.72E-07
5926	485947.66	3858038.61	3.76E-04	4.60E-04	4.03E-04	1.30E-07	3.93E-07	2.28E-07	2.79E-07	2.53E-07	1.15E-07	1.01E-07	4.35E-09	1.05E-07	2.32E-08	3.79E-08	6.01E-08	1.06E-08	5.30E-08	2.94E-07
5927	485854.54	3857943.35	3.86E-04	4.73E-04	4.15E-04	1.34E-07	4.04E-07	2.34E-07	2.87E-07	2.60E-07	1.19E-07	1.04E-07	4.47E-09	1.08E-07	2.38E-08	3.89E-08	6.17E-08	1.09E-08	5.45E-08	3.02E-07
5928	485761.52	3857943.09	3.71E-04	4.55E-04	3.99E-04	1.29E-07	3.89E-07	2.25E-07	2.76E-07	2.50E-07	1.14E-07	9.99E-08	4.30E-09	1.04E-07	2.29E-08	3.74E-08	5.93E-08	1.05E-08	5.24E-08	2.91E-07
5929	485668.51	3857942.83	3.59E-04	4.39E-04	3.85E-04	1.24E-07	3.75E-07	2.17E-07	2.66E-07	2.41E-07	1.10E-07	9.65E-08	4.15E-09	1.00E-07	2.21E-08	3.61E-08	5.73E-08	1.01E-08	5.06E-08	2.81E-07
5930	485575.5	3857942.56	3.45E-04	4.23E-04	3.71E-04	1.20E-07	3.61E-07	2.09E-07	2.56E-07	2.32E-07	1.06E-07	9.29E-08	4.00E-09	9.66E-08	2.13E-08	3.48E-08	5.52E-08	9.73E-09	4.88E-08	2.70E-07
5931	485482.48	3857942.3	3.34E-04	4.09E-04	3.59E-04	1.16E-07	3.50E-07	2.02E-07	2.48E-07	2.25E-07	1.03E-07	8.99E-08	3.87E-09	9.34E-08	2.06E-08	3.37E-08	5.34E-08	9.41E-09	4.72E-08	2.62E-07
5932	485389.47	3857942.04	3.23E-04	3.96E-04	3.47E-04	1.12E-07	3.38E-07	1.96E-07	2.40E-07	2.17E-07	9.92E-08	8.70E-08	3.74E-09	9.04E-08	1.99E-08	3.26E-08	5.17E-08	9.11E-09	4.57E-08	2.53E-07
5933	485296.46	3857941.78	3.13E-04	3.84E-04	3.36E-04	1.09E-07	3.28E-07	1.90E-07	2.32E-07	2.11E-07	9.61E-08	8.43E-08	3.63E-09	8.76E-08	1.93E-08	3.16E-08	5.01E-08	8.82E-09	4.42E-08	2.45E-07

5934	485203.45	3857941.52	3.05E-04	3.73E-04	3.27E-04	1.06E-07	3.19E-07	1.85E-07	2.26E-07	2.05E-07	9.35E-08	8.20E-08	3.53E-09	8.52E-08	1.88E-08	3.07E-08	4.87E-08	8.59E-09	4.31E-08	2.39E-07
5935	485110.43	3857941.26	2.95E-04	3.62E-04	3.17E-04	1.02E-07	3.09E-07	1.79E-07	2.19E-07	1.99E-07	9.07E-08	7.95E-08	3.42E-09	8.26E-08	1.82E-08	2.98E-08	4.72E-08	8.32E-09	4.17E-08	2.31E-07
5936	485017.42	3857940.99	2.86E-04	3.50E-04	3.07E-04	9.91E-08	2.99E-07	1.73E-07	2.12E-07	1.92E-07	8.78E-08	7.70E-08	3.31E-09	8.00E-08	1.76E-08	2.88E-08	4.57E-08	8.05E-09	4.04E-08	2.24E-07
5937	484924.41	3857940.73	2.77E-04	3.39E-04	2.98E-04	9.60E-08	2.90E-07	1.68E-07	2.06E-07	1.86E-07	8.50E-08	7.46E-08	3.21E-09	7.75E-08	1.71E-08	2.79E-08	4.43E-08	7.80E-09	3.92E-08	2.17E-07
5938	484831.39	3857940.47	2.69E-04	3.30E-04	2.89E-04	9.33E-08	2.82E-07	1.63E-07	2.00E-07	1.81E-07	8.26E-08	7.25E-08	3.12E-09	7.52E-08	1.66E-08	2.71E-08	4.30E-08	7.58E-09	3.80E-08	2.11E-07
5939	484738.12	3857859.3	2.72E-04	3.33E-04	2.93E-04	9.43E-08	2.85E-07	1.65E-07	2.02E-07	1.83E-07	8.35E-08	7.33E-08	3.15E-09	7.61E-08	1.68E-08	2.74E-08	4.35E-08	7.66E-09	3.85E-08	2.13E-07
5940	484737.85	3857778.4	2.84E-04	3.48E-04	3.06E-04	9.85E-08	2.97E-07	1.72E-07	2.11E-07	1.91E-07	8.72E-08	7.66E-08	3.29E-09	7.95E-08	1.75E-08	2.86E-08	4.54E-08	8.00E-09	4.02E-08	2.23E-07
5941	484737.59	3857697.49	2.97E-04	3.63E-04	3.19E-04	1.03E-07	3.10E-07	1.80E-07	2.20E-07	1.99E-07	9.10E-08	7.99E-08	3.43E-09	8.29E-08	1.83E-08	2.99E-08	4.74E-08	8.35E-09	4.19E-08	2.32E-07
5942	484737.32	3857616.59	3.09E-04	3.78E-04	3.32E-04	1.07E-07	3.23E-07	1.87E-07	2.29E-07	2.08E-07	9.48E-08	8.32E-08	3.58E-09	8.64E-08	1.91E-08	3.11E-08	4.94E-08	8.70E-09	4.37E-08	2.42E-07
5943	484645.53	3857535.18	3.12E-04	3.82E-04	3.35E-04	1.08E-07	3.26E-07	1.89E-07	2.31E-07	2.10E-07	9.57E-08	8.41E-08	3.61E-09	8.72E-08	1.92E-08	3.14E-08	4.99E-08	8.79E-09	4.41E-08	2.44E-07
5944	484553.99	3857534.67	3.02E-04	3.69E-04	3.24E-04	1.05E-07	3.16E-07	1.83E-07	2.24E-07	2.03E-07	9.25E-08	8.13E-08	3.49E-09	8.43E-08	1.86E-08	3.04E-08	4.82E-08	8.49E-09	4.26E-08	2.36E-07
5945	484462.46	3857534.17	2.93E-04	3.58E-04	3.15E-04	1.01E-07	3.06E-07	1.77E-07	2.17E-07	1.97E-07	8.98E-08	7.88E-08	3.39E-09	8.18E-08	1.81E-08	2.95E-08	4.68E-08	8.24E-09	4.14E-08	2.29E-07
5946	484370.93	3857533.66	2.84E-04	3.48E-04	3.05E-04	9.84E-08	2.97E-07	1.72E-07	2.11E-07	1.91E-07	8.71E-08	7.65E-08	3.29E-09	7.94E-08	1.75E-08	2.86E-08	4.54E-08	7.99E-09	4.01E-08	2.22E-07
5947	484279.4	3857533.16	2.76E-04	3.38E-04	2.96E-04	9.56E-08	2.89E-07	1.67E-07	2.05E-07	1.85E-07	8.46E-08	7.43E-08	3.19E-09	7.71E-08	1.70E-08	2.78E-08	4.41E-08	7.76E-09	3.90E-08	2.16E-07
5948	484187.86	3857532.65	2.68E-04	3.28E-04	2.88E-04	9.27E-08	2.80E-07	1.62E-07	1.98E-07	1.80E-07	8.21E-08	7.21E-08	3.10E-09	7.48E-08	1.65E-08	2.69E-08	4.28E-08	7.53E-09	3.78E-08	2.09E-07
5949	484096.33	3857532.15	2.60E-04	3.19E-04	2.80E-04	9.02E-08	2.72E-07	1.58E-07	1.93E-07	1.75E-07	7.99E-08	7.01E-08	3.01E-09	7.28E-08	1.61E-08	2.62E-08	4.16E-08	7.33E-09	3.68E-08	2.04E-07
5950	484004.8	3857531.64	2.52E-04	3.09E-04	2.71E-04	8.75E-08	2.64E-07	1.53E-07	1.87E-07	1.70E-07	7.75E-08	6.80E-08	2.92E-09	7.06E-08	1.56E-08	2.54E-08	4.03E-08	7.11E-09	3.57E-08	1.98E-07
5951	483913.27	3857531.14	2.44E-04	2.99E-04	2.62E-04	8.46E-08	2.55E-07	1.48E-07	1.81E-07	1.64E-07	7.49E-08	6.58E-08	2.83E-09	6.83E-08	1.51E-08	2.46E-08	3.90E-08	6.88E-09	3.45E-08	1.91E-07
5952	483821.73	3857530.63	2.37E-04	2.90E-04	2.55E-04	8.21E-08	2.48E-07	1.44E-07	1.76E-07	1.59E-07	7.27E-08	6.38E-08	2.74E-09	6.62E-08	1.46E-08	2.39E-08	3.79E-08	6.67E-09	3.35E-08	1.85E-07
5953	483729.61	3857450.11	2.37E-04	2.91E-04	2.55E-04	8.22E-08	2.48E-07	1.44E-07	1.76E-07	1.60E-07	7.28E-08	6.39E-08	2.75E-09	6.63E-08	1.46E-08	2.39E-08	3.79E-08	6.68E-09	3.35E-08	1.86E-07
5954	483729.03	3857370.08	2.46E-04	3.01E-04	2.65E-04	8.53E-08	2.58E-07	1.49E-07	1.83E-07	1.66E-07	7.55E-08	6.63E-08	2.85E-09	6.88E-08	1.52E-08	2.48E-08	3.93E-08	6.93E-09	3.48E-08	1.93E-07
5955	483728.44	3857290.06	2.54E-04	3.11E-04	2.73E-04	8.81E-08	2.66E-07	1.54E-07	1.89E-07	1.71E-07	7.80E-08	6.85E-08	2.94E-09	7.11E-08	1.57E-08	2.56E-08	4.06E-08	7.16E-09	3.59E-08	1.99E-07
5956	483727.86	3857210.03	2.62E-04	3.21E-04	2.82E-04	9.10E-08	2.75E-07	1.59E-07	1.95E-07	1.76E-07	8.05E-08	7.07E-08	3.04E-09	7.34E-08	1.62E-08	2.64E-08	4.19E-08	7.39E-09	3.71E-08	2.05E-07
5957	483641.15	3857129.07	2.63E-04	3.22E-04	2.83E-04	9.12E-08	2.75E-07	1.59E-07	1.95E-07	1.77E-07	8.08E-08	7.09E-08	3.05E-09	7.36E-08	1.62E-08	2.65E-08	4.20E-08	7.41E-09	3.72E-08	2.06E-07
5958	483555.03	3857128.14	2.55E-04	3.12E-04	2.74E-04	8.84E-08	2.67E-07	1.55E-07	1.89E-07	1.72E-07	7.83E-08	6.87E-08	2.95E-09	7.13E-08	1.57E-08	2.57E-08	4.08E-08	7.18E-09	3.60E-08	2.00E-07
5959	483468.91	3857127.2	2.46E-04	3.01E-04	2.64E-04	8.52E-08	2.57E-07	1.49E-07	1.82E-07	1.65E-07	7.55E-08	6.62E-08	2.85E-09	6.87E-08	1.52E-08	2.48E-08	3.93E-08	6.92E-09	3.47E-08	1.92E-07
5960	483382.78	3857126.26	2.39E-04	2.93E-04	2.57E-04	8.30E-08	2.50E-07	1.45E-07	1.78E-07	1.61E-07	7.35E-08	6.44E-08	2.77E-09	6.69E-08	1.48E-08	2.41E-08	3.82E-08	6.74E-09	3.38E-08	1.87E-07
5961	483296.66	3857125.32	2.32E-04	2.84E-04	2.49E-04	8.04E-08	2.43E-07	1.41E-07	1.72E-07	1.56E-07	7.12E-08	6.25E-08	2.69E-09	6.49E-08	1.43E-08	2.34E-08	3.71E-08	6.54E-09	3.28E-08	1.82E-07
5962	483210.54	3857124.39	2.25E-04	2.75E-04	2.41E-04	7.79E-08	2.35E-07	1.36E-07	1.67E-07	1.51E-07	6.89E-08	6.05E-08	2.60E-09	6.28E-08	1.39E-08	2.26E-08	3.59E-08	6.33E-09	3.17E-08	1.76E-07
5963	483123.4	3857030.96	2.25E-04	2.75E-04	2.41E-04	7.79E-08	2.35E-07	1.36E-07	1.67E-07	1.51E-07	6.90E-08	6.05E-08	2.60E-09	6.28E-08	1.39E-08	2.26E-08	3.59E-08	6.33E-09	3.18E-08	1.76E-07
5964	483122.38	3856938.46	2.33E-04	2.85E-04	2.50E-04	8.06E-08	2.43E-07	1.41E-07	1.73E-07	1.56E-07	7.14E-08	6.26E-08	2.69E-09	6.50E-08	1.44E-08	2.34E-08	3.72E-08	6.55E-09	3.29E-08	1.82E-07
5965	483121.35	3856845.97	2.41E-04	2.95E-04	2.59E-04	8.35E-08	2.52E-07	1.46E-07	1.79E-07	1.62E-07	7.39E-08	6.48E-08	2.79E-09	6.73E-08	1.49E-08	2.43E-08	3.85E-08	6.78E-09	3.40E-08	1.89E-07
5966	483120.33	3856753.47	2.47E-04	3.03E-04	2.66E-04	8.57E-08	2.59E-07	1.50E-07	1.84E-07	1.66E-07	7.59E-08	6.66E-08	2.86E-09	6.91E-08	1.53E-08	2.49E-08	3.95E-08	6.97E-09	3.49E-08	1.94E-07
5967	483119.31	3856660.98	2.54E-04	3.11E-04	2.73E-04	8.81E-08	2.66E-07	1.54E-07	1.89E-07	1.71E-07	7.80E-08	6.84E-08	2.94E-09	7.10E-08	1.57E-08	2.56E-08	4.06E-08	7.16E-09	3.59E-08	1.99E-07
5968	483118.29	3856568.49	2.62E-04	3.21E-04	2.81E-04	9.07E-08	2.74E-07	1.59E-07	1.94E-07	1.76E-07	8.03E-08	7.05E-08	3.03E-09	7.32E-08	1.61E-08	2.64E-08	4.18E-08	7.37E-09	3.70E-08	2.05E-07
5969	483117.26	3856475.99	2.70E-04	3.31E-04	2.90E-04	9.36E-08	2.83E-07	1.64E-07	2.00E-07	1.82E-07	8.29E-08	7.27E-08	3.13E-09	7.55E-08	1.67E-08	2.72E-08	4.32E-08	7.61E-09	3.82E-08	2.11E-07
5970	483116.24	3856383.5	2.78E-04	3.41E-04	2.99E-04	9.64E-08	2.91E-07	1.68E-07	2.06E-07	1.87E-07	8.53E-08	7.48E-08	3.22E-09	7.77E-08	1.72E-08	2.80E-08	4.44E-08	7.83E-09	3.93E-08	2.18E-07
5971	483115.22	3856291.01	2.86E-04	3.51E-04	3.08E-04	9.93E-08	3.00E-07	1.73E-07	2.12E-07	1.93E-07	8.79E-08	7.71E-08	3.31E-09	8.01E-08	1.77E-08	2.88E-08	4.58E-08	8.07E-09	4.05E-08	2.24E-07
5972	483114.2	3856198.51	2.94E-04	3.60E-04	3.16E-04	1.02E-07	3.08E-07	1.78E-07	2.18E-07	1.98E-07	9.02E-08	7.91E-08	3.40E-09	8.22E-08	1.81E-08	2.96E-08	4.70E-08	8.28E-09	4.15E-08	2.30E-07
5973	483113.17	3856106.02	3.04E-04	3.73E-04	3.27E-04	1.05E-07	3.18E-07	1.84E-07	2.26E-07	2.05E-07	9.33E-08	8.19E-08	3.52E-09	8.50E-08	1.88E-08	3.06E-08	4.86E-08	8.57E-09	4.30E-08	2.38E-07
5974	483112.15	3856013.52	3.13E-04	3.83E-04	3.36E-04	1.08E-07	3.28E-07	1.90E-07	2.32E-07	2.11E-07	9.61E-08	8.42E-08	3.62E-09	8.75E-08	1.93E-08	3.15E-08	5.00E-08	8.82E-09	4.42E-08	2.45E-07
5975	483029.25	3855920.47	3.10E-04	3.80E-04	3.33E-04	1.08E-07	3.25E-07	1.88E-07	2.30E-07	2.09E-07	9.52E-08	8.35E-08	3.59E-09	8.67E-08	1.91E-08	3.13E-08	4.96E-08	8.74E-09	4.38E-08	2.43E-07
5976	482947.37	3855919.91	2.98E-04	3.65E-04	3.20E-04	1.03E-07	3.11E-07	1.80E-07	2.21E-07	2.00E-07	9.13E-08	8.01E-08	3.44E-09	8.32E-08	1.84E-08	3.00E-08	4.76E-08	8.38E-09	4.20E-08	2.33E-07
5977	482865.49	3855919.36	2.85E-04	3.50E-04	3.06E-04	9.89E-08	2.99E-07	1.73E-07	2.12E-07	1.92E-07	8.76E-08	7.68E-08	3.30E-09	7.98E-08	1.76E-08	2.88E-08	4.56E-08	8.04E-09	4.03E-08	2.23E-07
5978	482783.61	3855918.8	2.75E-04	3.37E-04	2.95E-04	9.53E-08	2.88E-07	1.67E-07	2.04E-07	1.85E-07	8.44E-08	7.40E-08	3.18E-09	7.69E-08	1.70E-08	2.77E-08	4.40E-08	7.75E-09	3.88E-08	2.15E-07
5979	482700.33	3855818.39	2.72E-04	3.33E-04	2.92E-04	9.42E-08	2.84E-07	1.65E-07	2.02E-07	1.83E-07	8.34E-08	7.31E-08	3.15E-09	7.60E-08	1.68E-08	2.74E-08	4.34E-08	7.65E-09	3.84E-08	2.13E-07
5980	482698.92	3855718.54	2.80E-04	3.43E-04	3.00E-04	9.69E-08	2.93E-07	1.69E-07	2.08E-07	1.88E-07	8.58E-08	7.52E-08	3.24E-09	7.82E-08	1.73E-08	2.82E-08	4.47E-08	7.88E-09	3.95E-08	2.19E-07
5981	482697.52	3855618.68	2.86E-04	3.50E-04	3.07E-04	9.91E-08	2.99E-07	1.73E-07	2.12E-07	1.92E-07	8.78E-08	7.69E-08	3.31E-09	7.99E-08	1.76E-08	2.88E-08	4.57E-08	8.05E-09	4.03E-08	2.24E-07
5982	482696.11	3855518.83	2.93E-04	3.59E-04	3.15E-04	1.02E-07	3.07E-07	1.78E-07	2.18E-07	1.97E-07	9.00E-08	7.89E-08	3.39E-09	8.20E-08	1.81E-08	2.95E-08	4.69E-08	8.26E-09	4.14E-08	2.30E-07
5983	482694.71	3855418.98	2.98E-04	3.65E-04	3.20E-04	1.03E-07	3.12E-07	1.81E-07	2.21E-07	2.01E-07	9.16E-08	8.02E-08	3.45E-09	8.34E-08	1.84E-08	3.01E-08	4.77E-08	8.40E-09	4.21E-08	2.33E-07
5984	482693.3	3855319.13	3.03E-04	3.72E-04	3.26E-04	1.05E-07	3.17E-07	1.84E-07	2.25E-07	2.04E-07	9.31E-08	8.16E-08	3.51E-09	8.48E-08	1.87E-08	3.06E-08	4.85E-08	8.54E-09	4.28E-08	2.37E-07
5985	482691.9	3855219.27	3.10E-04	3.80E-04	3.33E-04	1.07E-07	3.25E-07	1.88E-07	2.30E-07	2.09E-07	9.52E-08	8.34E-08	3.59E-09	8.67E-08	1.91E-08	3.12E-08	4.96E-08	8.74E-09	4.38E-08	2.43E-07
5986	482690.49	3855119.42	3.16E-04	3.88E-04	3.40E-04	1.10E-07	3.31E-07	1.92E-07	2.35E-07	2.13E-07	9.71E-08	8.51E-08	3.66E-09	8.85E-08	1.95E-08	3.19E-08	5.06E-08	8.91E-09	4.47E-08	2.48E-07
5987	482689.09	3855019.57	3.27E-04	4.01E-04	3.51E-04	1.13E-07	3.42E-07	1.98E-07	2.43E-07	2.20E-07	1.00E-07	8.80E-08	3.79E-09	9.15E-08	2.02E-08	3.30E-08	5.23E-08	9.22E-09	4.62E-08	2.56E-07
5988	482687.68	3854919.72	3.36E-04	4.12E-04	3.61E-04	1.16E-07	3.52E-07	2.04E-07	2.49E-07	2.26E-07	1.03E-07	9.04E-08	3.89E-09	9.40E-08	2.07E-08	3.39E-08	5.37E-08	9.47E-09	4.75E-08	2.63E-07

5989	482686.28	3854819.86	3.49E-04	4.27E-04	3.74E-04	1.21E-07	3.65E-07	2.11E-07	2.59E-07	2.34E-07	1.07E-07	9.38E-08	4.03E-09	9.74E-08	2.15E-08	3.51E-08	5.57E-08	9.82E-09	4.92E-08	2.73E-07
5990	482684.88	3854720.01	3.58E-04	4.39E-04	3.85E-04	1.24E-07	3.75E-07	2.17E-07	2.66E-07	2.41E-07	1.10E-07	9.64E-08	4.14E-09	1.00E-07	2.21E-08	3.61E-08	5.72E-08	1.01E-08	5.06E-08	2.80E-07
5991	482683.47	3854620.16	3.74E-04	4.59E-04	4.02E-04	1.30E-07	3.92E-07	2.27E-07	2.78E-07	2.52E-07	1.15E-07	1.01E-07	4.33E-09	1.05E-07	2.31E-08	3.77E-08	5.98E-08	1.05E-08	5.29E-08	2.93E-07
5992	482682.07	3854520.31	3.88E-04	4.76E-04	4.18E-04	1.35E-07	4.06E-07	2.35E-07	2.88E-07	2.61E-07	1.19E-07	1.05E-07	4.50E-09	1.09E-07	2.40E-08	3.91E-08	6.21E-08	1.09E-08	5.49E-08	3.04E-07
5993	482680.66	3854420.45	4.02E-04	4.93E-04	4.33E-04	1.39E-07	4.21E-07	2.44E-07	2.99E-07	2.71E-07	1.24E-07	1.08E-07	4.66E-09	1.12E-07	2.48E-08	4.05E-08	6.43E-08	1.13E-08	5.69E-08	3.15E-07
5994	482679.26	3854320.6	4.13E-04	5.06E-04	4.45E-04	1.43E-07	4.32E-07	2.50E-07	3.07E-07	2.78E-07	1.27E-07	1.11E-07	4.78E-09	1.16E-07	2.55E-08	4.16E-08	6.61E-08	1.16E-08	5.85E-08	3.24E-07
5995	482677.85	3854220.75	4.36E-04	5.35E-04	4.70E-04	1.51E-07	4.57E-07	2.64E-07	3.24E-07	2.94E-07	1.34E-07	1.18E-07	5.05E-09	1.22E-07	2.69E-08	4.40E-08	6.98E-08	1.23E-08	6.18E-08	3.42E-07
5996	482676.45	3854120.9	4.34E-04	5.32E-04	4.68E-04	1.51E-07	4.55E-07	2.63E-07	3.22E-07	2.92E-07	1.33E-07	1.17E-07	5.03E-09	1.21E-07	2.68E-08	4.38E-08	6.95E-08	1.22E-08	6.15E-08	3.40E-07
5997	482675.04	3854021.04	4.36E-04	5.34E-04	4.70E-04	1.51E-07	4.56E-07	2.64E-07	3.24E-07	2.93E-07	1.34E-07	1.18E-07	5.05E-09	1.22E-07	2.69E-08	4.39E-08	6.97E-08	1.23E-08	6.18E-08	3.42E-07
5998	482673.64	3853921.19	4.35E-04	5.33E-04	4.69E-04	1.51E-07	4.55E-07	2.63E-07	3.23E-07	2.92E-07	1.33E-07	1.17E-07	5.03E-09	1.22E-07	2.68E-08	4.38E-08	6.95E-08	1.22E-08	6.16E-08	3.41E-07
5999	482672.23	3853821.34	4.41E-04	5.40E-04	4.75E-04	1.53E-07	4.61E-07	2.67E-07	3.27E-07	2.97E-07	1.35E-07	1.19E-07	5.10E-09	1.23E-07	2.72E-08	4.44E-08	7.05E-08	1.24E-08	6.25E-08	3.45E-07
6000	482670.83	3853721.49	4.33E-04	5.31E-04	4.67E-04	1.50E-07	4.53E-07	2.63E-07	3.22E-07	2.92E-07	1.33E-07	1.17E-07	5.02E-09	1.21E-07	2.67E-08	4.37E-08	6.93E-08	1.22E-08	6.14E-08	3.40E-07
6001	482669.42	3853621.63	3.84E-04	4.71E-04	4.14E-04	1.33E-07	4.02E-07	2.33E-07	2.85E-07	2.59E-07	1.18E-07	1.04E-07	4.45E-09	1.07E-07	2.37E-08	3.87E-08	6.14E-08	1.08E-08	5.45E-08	3.01E-07
6002	482645.99	3853446.13	2.23E-04	2.73E-04	2.40E-04	7.73E-08	2.33E-07	1.35E-07	1.66E-07	1.50E-07	6.85E-08	6.02E-08	2.58E-09	6.24E-08	1.38E-08	2.25E-08	3.57E-08	6.28E-09	3.16E-08	1.75E-07
6003	482623.97	3853370.49	1.88E-04	2.31E-04	2.03E-04	6.53E-08	1.97E-07	1.14E-07	1.40E-07	1.27E-07	5.78E-08	5.08E-08	2.18E-09	5.27E-08	1.16E-08	1.90E-08	3.01E-08	5.31E-09	2.67E-08	1.48E-07
6004	482601.94	3853294.84	1.67E-04	2.04E-04	1.79E-04	5.78E-08	1.74E-07	1.01E-07	1.24E-07	1.12E-07	5.12E-08	4.49E-08	1.93E-09	4.66E-08	1.03E-08	1.68E-08	2.66E-08	4.69E-09	2.36E-08	1.30E-07
6005	482531.29	3853133.44	1.39E-04	1.71E-04	1.50E-04	4.83E-08	1.46E-07	8.44E-08	1.03E-07	9.37E-08	4.28E-08	3.75E-08	1.61E-09	3.89E-08	8.59E-09	1.40E-08	2.23E-08	3.92E-09	1.97E-08	1.09E-07
6006	482482.68	3853047.69	1.30E-04	1.59E-04	1.40E-04	4.50E-08	1.36E-07	7.87E-08	9.65E-08	8.74E-08	3.99E-08	3.50E-08	1.50E-09	3.63E-08	8.02E-09	1.31E-08	2.08E-08	3.66E-09	1.84E-08	1.02E-07
6007	482383.09	3852897.4	1.16E-04	1.42E-04	1.25E-04	4.02E-08	1.21E-07	7.02E-08	8.60E-08	7.80E-08	3.56E-08	3.12E-08	1.34E-09	3.24E-08	7.15E-09	1.17E-08	1.85E-08	3.27E-09	1.64E-08	9.08E-08
6008	482265.64	3852765.26	1.06E-04	1.30E-04	1.14E-04	3.67E-08	1.11E-07	6.42E-08	7.86E-08	7.12E-08	3.25E-08	2.85E-08	1.23E-09	2.96E-08	6.53E-09	1.07E-08	1.69E-08	2.98E-09	1.50E-08	8.29E-08
6009	482199.16	3852697.66	1.01E-04	1.24E-04	1.09E-04	3.51E-08	1.06E-07	6.14E-08	7.52E-08	6.82E-08	3.11E-08	2.73E-08	1.17E-09	2.83E-08	6.25E-09	1.02E-08	1.62E-08	2.86E-09	1.43E-08	7.94E-08
6010	482132.69	3852630.07	9.74E-05	1.19E-04	1.05E-04	3.37E-08	1.02E-07	5.90E-08	7.22E-08	6.55E-08	2.99E-08	2.62E-08	1.13E-09	2.72E-08	6.00E-09	9.81E-09	1.56E-08	2.74E-09	1.38E-08	7.62E-08
6011	482066.21	3852562.48	9.36E-05	1.15E-04	1.01E-04	3.24E-08	9.79E-08	5.67E-08	6.94E-08	6.29E-08	2.87E-08	2.52E-08	1.08E-09	2.62E-08	5.77E-09	9.43E-09	1.50E-08	2.64E-09	1.32E-08	7.32E-08
6012	481999.74	3852494.89	9.00E-05	1.10E-04	9.67E-05	3.12E-08	9.41E-08	5.45E-08	6.68E-08	6.05E-08	2.76E-08	2.42E-08	1.04E-09	2.51E-08	5.55E-09	9.06E-09	1.44E-08	2.53E-09	1.27E-08	7.04E-08
6013	481933.26	3852427.29	8.66E-05	1.06E-04	9.31E-05	3.00E-08	9.07E-08	5.25E-08	6.43E-08	5.83E-08	2.66E-08	2.33E-08	1.00E-09	2.42E-08	5.34E-09	8.73E-09	1.38E-08	2.44E-09	1.22E-08	6.78E-08
6014	481866.79	3852359.7	8.37E-05	1.03E-04	8.99E-05	2.90E-08	8.76E-08	5.07E-08	6.21E-08	5.63E-08	2.57E-08	2.25E-08	9.69E-10	2.34E-08	5.16E-09	8.43E-09	1.34E-08	2.36E-09	1.18E-08	6.55E-08
6015	481800.31	3852292.11	8.10E-05	9.92E-05	8.70E-05	2.81E-08	8.48E-08	4.91E-08	6.01E-08	5.45E-08	2.49E-08	2.18E-08	9.38E-10	2.26E-08	5.00E-09	8.16E-09	1.29E-08	2.28E-09	1.14E-08	6.34E-08
6016	481733.84	3852224.52	7.84E-05	9.61E-05	8.43E-05	2.72E-08	8.21E-08	4.75E-08	5.82E-08	5.28E-08	2.41E-08	2.11E-08	9.08E-10	2.19E-08	4.84E-09	7.90E-09	1.25E-08	2.21E-09	1.11E-08	6.14E-08
6017	481667.36	3852156.92	7.61E-05	9.32E-05	8.18E-05	2.64E-08	7.96E-08	4.61E-08	5.65E-08	5.12E-08	2.34E-08	2.05E-08	8.81E-10	2.13E-08	4.69E-09	7.67E-09	1.22E-08	2.14E-09	1.08E-08	5.96E-08
6018	481600.89	3852089.33	7.36E-05	9.02E-05	7.91E-05	2.55E-08	7.71E-08	4.46E-08	5.46E-08	4.95E-08	2.26E-08	1.98E-08	8.52E-10	2.06E-08	4.54E-09	7.42E-09	1.18E-08	2.07E-09	1.04E-08	5.76E-08
6019	481534.41	3852021.74	7.13E-05	8.73E-05	7.66E-05	2.47E-08	7.46E-08	4.32E-08	5.29E-08	4.80E-08	2.19E-08	1.92E-08	8.25E-10	1.99E-08	4.40E-09	7.18E-09	1.14E-08	2.01E-09	1.01E-08	5.58E-08
6020	481467.94	3851954.15	6.91E-05	8.47E-05	7.43E-05	2.40E-08	7.23E-08	4.19E-08	5.13E-08	4.65E-08	2.12E-08	1.86E-08	8.00E-10	1.93E-08	4.26E-09	6.96E-09	1.10E-08	1.95E-09	9.77E-09	5.41E-08
6021	481401.46	3851886.55	6.72E-05	8.23E-05	7.22E-05	2.33E-08	7.03E-08	4.07E-08	4.99E-08	4.52E-08	2.06E-08	1.81E-08	7.78E-10	1.88E-08	4.14E-09	6.77E-09	1.07E-08	1.89E-09	9.49E-09	5.26E-08
6022	481265.87	3851761.43	6.35E-05	7.78E-05	6.83E-05	2.20E-08	6.65E-08	3.85E-08	4.71E-08	4.27E-08	1.95E-08	1.71E-08	7.35E-10	1.78E-08	3.92E-09	6.40E-09	1.02E-08	1.79E-09	8.98E-09	4.97E-08
6023	481196.74	3851703.89	6.19E-05	7.58E-05	6.65E-05	2.15E-08	6.48E-08	3.75E-08	4.59E-08	4.16E-08	1.90E-08	1.67E-08	7.17E-10	1.73E-08	3.82E-09	6.24E-09	9.90E-09	1.74E-09	8.75E-09	4.85E-08
6024	481076.33	3851619.05	5.93E-05	7.27E-05	6.38E-05	2.06E-08	6.21E-08	3.60E-08	4.40E-08	3.99E-08	1.82E-08	1.60E-08	6.87E-10	1.66E-08	3.66E-09	5.98E-09	9.48E-09	1.67E-09	8.39E-09	4.65E-08
6025	480939.8	3851549.07	5.68E-05	6.96E-05	6.11E-05	1.97E-08	5.95E-08	3.44E-08	4.22E-08	3.82E-08	1.74E-08	1.53E-08	6.58E-10	1.59E-08	3.51E-09	5.73E-09	9.08E-09	1.60E-09	8.03E-09	4.45E-08
6026	480854.56	3851506.41	5.52E-05	6.77E-05	5.93E-05	1.91E-08	5.78E-08	3.35E-08	4.10E-08	3.72E-08	1.70E-08	1.49E-08	6.39E-10	1.54E-08	3.41E-09	5.56E-09	8.83E-09	1.56E-09	7.80E-09	4.32E-08
6027	480769.32	3851463.75	5.37E-05	6.58E-05	5.77E-05	1.86E-08	5.62E-08	3.25E-08	3.98E-08	3.61E-08	1.65E-08	1.45E-08	6.21E-10	1.50E-08	3.31E-09	5.41E-09	8.58E-09	1.51E-09	7.59E-09	4.20E-08
6028	480684.08	3851421.08	5.22E-05	6.39E-05	5.60E-05	1.81E-08	5.46E-08	3.16E-08	3.87E-08	3.51E-08	1.60E-08	1.40E-08	6.04E-10	1.46E-08	3.22E-09	5.25E-09	8.34E-09	1.47E-09	7.37E-09	4.08E-08
6029	480598.84	3851378.42	5.06E-05	6.20E-05	5.44E-05	1.75E-08	5.29E-08	3.06E-08	3.75E-08	3.40E-08	1.55E-08	1.36E-08	5.85E-10	1.41E-08	3.12E-09	5.10E-09	8.09E-09	1.43E-09	7.15E-09	3.96E-08
6030	480435.71	3851275.01	4.78E-05	5.85E-05	5.13E-05	1.66E-08	5.00E-08	2.89E-08	3.54E-08	3.21E-08	1.47E-08	1.29E-08	5.53E-10	1.34E-08	2.95E-09	4.81E-09	7.63E-09	1.35E-09	6.75E-09	3.74E-08
6031	480347.85	3851232.36	4.63E-05	5.67E-05	4.98E-05	1.60E-08	4.85E-08	2.81E-08	3.44E-08	3.11E-08	1.42E-08	1.25E-08	5.36E-10	1.29E-08	2.86E-09	4.67E-09	7.40E-09	1.30E-09	6.54E-09	3.63E-08
6032	480260	3851189.72	4.49E-05	5.50E-05	4.82E-05	1.56E-08	4.70E-08	2.72E-08	3.33E-08	3.02E-08	1.38E-08	1.21E-08	5.19E-10	1.25E-08	2.77E-09	4.52E-09	7.17E-09	1.26E-09	6.34E-09	3.51E-08
6033	480172.15	3851147.07	4.35E-05	5.33E-05	4.68E-05	1.51E-08	4.55E-08	2.64E-08	3.23E-08	2.93E-08	1.34E-08	1.17E-08	5.04E-10	1.22E-08	2.68E-09	4.38E-09	6.96E-09	1.23E-09	6.15E-09	3.41E-08
6034	480084.29	3851104.42	4.22E-05	5.16E-05	4.53E-05	1.46E-08	4.41E-08	2.55E-08	3.13E-08	2.84E-08	1.29E-08	1.14E-08	4.88E-10	1.18E-08	2.60E-09	4.25E-09	6.74E-09	1.19E-09	5.96E-09	3.30E-08
6035	479996.44	3851061.77	4.09E-05	5.01E-05	4.39E-05	1.42E-08	4.28E-08	2.48E-08	3.03E-08	2.75E-08	1.25E-08	1.10E-08	4.73E-10	1.14E-08	2.52E-09	4.12E-09	6.53E-09	1.15E-09	5.78E-09	3.20E-08
6036	479908.58	3851019.13	3.95E-05	4.84E-05	4.25E-05	1.37E-08	4.13E-08	2.39E-08	2.93E-08	2.66E-08	1.21E-08	1.06E-08	4.57E-10	1.10E-08	2.44E-09	3.98E-09	6.31E-09	1.11E-09	5.58E-09	3.09E-08
6037	479820.73	3850976.48	3.83E-05	4.69E-05	4.12E-05	1.33E-08	4.01E-08	2.32E-08	2.84E-08	2.58E-08	1.18E-08	1.03E-08	4.43E-10	1.07E-08	2.36E-09	3.86E-09	6.12E-09	1.08E-09	5.41E-09	3.00E-08
6038	479732.88	3850933.83	3.72E-05	4.55E-05	3.99E-05	1.29E-08	3.89E-08	2.25E-08	2.76E-08	2.50E-08	1.14E-08	1.00E-08	4.30E-10	1.04E-08	2.29E-09	3.74E-09	5.94E-09	1.05E-09	5.25E-09	2.91E-08
6039	479645.02	3850891.18	3.61E-05	4.42E-05	3.88E-05	1.25E-08	3.78E-08	2.19E-08	2.68E-08	2.43E-08	1.11E-08	9.72E-09	4.18E-10	1.01E-08	2.23E-09	3.64E-09	5.77E-09	1.02E-09	5.10E-09	2.83E-08
6040	479557.17	3850848.54	3.51E-05	4.31E-05	3.78E-05	1.22E-08	3.68E-08	2.13E-08	2.61E-08	2.36E-08	1.08E-08	9.47E-09	4.07E-10	9.83E-09	2.17E-09	3.54E-09	5.62E-09	9.90E-10	4.97E-09	2.75E-08
6041	479469.32	3850805.89	3.41E-05	4.18E-05	3.67E-05	1.18E-08	3.57E-08	2.07E-08	2.53E-08	2.29E-08	1.05E-08	9.19E-09	3.95E-10	9.54E-09	2.10E-09	3.44E-09	5.45E-09	9.61E-10	4.82E-09	2.67E-08
6042	479381.46	3850763.24	3.34E-05	4.09E-05	3.59E-05	1.16E-08	3.49E-08	2.02E-08	2.48E-08	2.24E-08	1.02E-08	8.98E-09	3.86E-10	9.33E-09	2.06E-09	3.36E-09	5.33E-09	9.40E-10	4.72E-09	2.61E-08
6043	479293.61	3850720.59	3.28E-05	4.02E-05	3.52E-05	1.14E-08	3.43E-08	1.99E-08	2.43E-08	2.21E-08	1.01E-08	8.83E-09	3.79E-10	9.16E-09	2.02E-09	3.30E-09	5.24E-09	9.23E-10	4.63E-09	2.57E-08

6044	479205.76	3850677.95	3.22E-05	3.94E-05	3.46E-05	1.11E-08	3.37E-08	1.95E-08	2.39E-08	2.16E-08	9.87E-09	8.66E-09	3.72E-10	8.99E-09	1.98E-09	3.24E-09	5.14E-09	9.06E-10	4.55E-09	2.52E-08
6045	479117.9	3850635.3	3.16E-05	3.88E-05	3.40E-05	1.10E-08	3.31E-08	1.92E-08	2.35E-08	2.13E-08	9.71E-09	8.52E-09	3.66E-10	8.84E-09	1.95E-09	3.19E-09	5.06E-09	8.91E-10	4.47E-09	2.48E-08
6046	479030.05	3850592.65	3.11E-05	3.81E-05	3.34E-05	1.08E-08	3.25E-08	1.88E-08	2.31E-08	2.09E-08	9.54E-09	8.37E-09	3.60E-10	8.69E-09	1.92E-09	3.13E-09	4.97E-09	8.76E-10	4.39E-09	2.43E-08
6047	478942.19	3850550	3.04E-05	3.72E-05	3.27E-05	1.05E-08	3.18E-08	1.84E-08	2.26E-08	2.05E-08	9.33E-09	8.19E-09	3.52E-10	8.50E-09	1.88E-09	3.06E-09	4.86E-09	8.56E-10	4.30E-09	2.38E-08
6048	478854.34	3850507.36	2.93E-05	3.59E-05	3.15E-05	1.02E-08	3.07E-08	1.78E-08	2.18E-08	1.97E-08	9.00E-09	7.89E-09	3.39E-10	8.19E-09	1.81E-09	2.95E-09	4.68E-09	8.26E-10	4.14E-09	2.29E-08
6049	478766.49	3850464.71	2.85E-05	3.49E-05	3.07E-05	9.89E-09	2.99E-08	1.73E-08	2.12E-08	1.92E-08	8.76E-09	7.68E-09	3.30E-10	7.97E-09	1.76E-09	2.87E-09	4.56E-09	8.04E-10	4.03E-09	2.23E-08
6050	478678.63	3850422.06	2.79E-05	3.42E-05	3.00E-05	9.67E-09	2.92E-08	1.69E-08	2.07E-08	1.88E-08	8.56E-09	7.51E-09	3.23E-10	7.80E-09	1.72E-09	2.81E-09	4.46E-09	7.86E-10	3.94E-09	2.18E-08
6051	478590.78	3850379.41	2.72E-05	3.34E-05	2.93E-05	9.44E-09	2.85E-08	1.65E-08	2.02E-08	1.83E-08	8.36E-09	7.33E-09	3.15E-10	7.61E-09	1.68E-09	2.74E-09	4.35E-09	7.67E-10	3.85E-09	2.13E-08
6052	478502.93	3850336.77	2.67E-05	3.28E-05	2.87E-05	9.27E-09	2.80E-08	1.62E-08	1.98E-08	1.80E-08	8.21E-09	7.20E-09	3.10E-10	7.48E-09	1.65E-09	2.69E-09	4.27E-09	7.53E-10	3.78E-09	2.09E-08
6053	478415.07	3850294.12	2.64E-05	3.23E-05	2.83E-05	9.14E-09	2.76E-08	1.60E-08	1.96E-08	1.77E-08	8.10E-09	7.10E-09	3.05E-10	7.37E-09	1.63E-09	2.66E-09	4.22E-09	7.43E-10	3.73E-09	2.06E-08
6054	478327.22	3850251.47	2.58E-05	3.16E-05	2.77E-05	8.93E-09	2.70E-08	1.56E-08	1.91E-08	1.73E-08	7.91E-09	6.94E-09	2.98E-10	7.20E-09	1.59E-09	2.60E-09	4.12E-09	7.26E-10	3.64E-09	2.02E-08
6055	478239.36	3850208.82	2.53E-05	3.10E-05	2.72E-05	8.77E-09	2.65E-08	1.53E-08	1.88E-08	1.70E-08	7.76E-09	6.81E-09	2.93E-10	7.07E-09	1.56E-09	2.55E-09	4.04E-09	7.13E-10	3.58E-09	1.98E-08
6056	478151.51	3850166.18	2.49E-05	3.05E-05	2.68E-05	8.63E-09	2.61E-08	1.51E-08	1.85E-08	1.68E-08	7.65E-09	6.71E-09	2.88E-10	6.96E-09	1.54E-09	2.51E-09	3.98E-09	7.02E-10	3.52E-09	1.95E-08
6057	478063.66	3850123.53	2.46E-05	3.01E-05	2.64E-05	8.52E-09	2.57E-08	1.49E-08	1.82E-08	1.65E-08	7.54E-09	6.62E-09	2.84E-10	6.87E-09	1.52E-09	2.48E-09	3.93E-09	6.92E-10	3.47E-09	1.92E-08
6058	477975.8	3850080.88	2.51E-05	3.07E-05	2.69E-05	8.68E-09	2.62E-08	1.52E-08	1.86E-08	1.69E-08	7.69E-09	6.75E-09	2.90E-10	7.01E-09	1.55E-09	2.52E-09	4.00E-09	7.06E-10	3.54E-09	1.96E-08
6059	477887.95	3850038.23	2.49E-05	3.05E-05	2.68E-05	8.64E-09	2.61E-08	1.51E-08	1.85E-08	1.68E-08	7.65E-09	6.71E-09	2.88E-10	6.97E-09	1.54E-09	2.51E-09	3.98E-09	7.02E-10	3.52E-09	1.95E-08
6060	477800.1	3849995.59	2.49E-05	3.05E-05	2.67E-05	8.62E-09	2.60E-08	1.51E-08	1.85E-08	1.67E-08	7.63E-09	6.70E-09	2.88E-10	6.95E-09	1.53E-09	2.51E-09	3.97E-09	7.01E-10	3.52E-09	1.95E-08
6061	477712.24	3849952.94	2.46E-05	3.02E-05	2.65E-05	8.54E-09	2.58E-08	1.49E-08	1.83E-08	1.66E-08	7.56E-09	6.63E-09	2.85E-10	6.89E-09	1.52E-09	2.48E-09	3.94E-09	6.94E-10	3.48E-09	1.93E-08
6062	477624.39	3849910.29	2.44E-05	2.99E-05	2.62E-05	8.46E-09	2.55E-08	1.48E-08	1.81E-08	1.64E-08	7.49E-09	6.57E-09	2.82E-10	6.82E-09	1.51E-09	2.46E-09	3.90E-09	6.87E-10	3.45E-09	1.91E-08
6063	477536.54	3849867.64	2.42E-05	2.97E-05	2.60E-05	8.39E-09	2.53E-08	1.47E-08	1.80E-08	1.63E-08	7.43E-09	6.52E-09	2.80E-10	6.77E-09	1.49E-09	2.44E-09	3.87E-09	6.82E-10	3.42E-09	1.90E-08
6064	477448.68	3849825	2.39E-05	2.93E-05	2.57E-05	8.29E-09	2.50E-08	1.45E-08	1.78E-08	1.61E-08	7.34E-09	6.44E-09	2.77E-10	6.69E-09	1.48E-09	2.41E-09	3.82E-09	6.74E-10	3.38E-09	1.87E-08
6065	477360.83	3849782.35	2.37E-05	2.90E-05	2.54E-05	8.21E-09	2.48E-08	1.43E-08	1.76E-08	1.59E-08	7.27E-09	6.38E-09	2.74E-10	6.62E-09	1.46E-09	2.39E-09	3.78E-09	6.67E-10	3.35E-09	1.85E-08
6066	477272.97	3849739.7	2.34E-05	2.87E-05	2.52E-05	8.11E-09	2.45E-08	1.42E-08	1.74E-08	1.57E-08	7.18E-09	6.30E-09	2.71E-10	6.54E-09	1.44E-09	2.36E-09	3.74E-09	6.59E-10	3.31E-09	1.83E-08
6067	477185.12	3849697.05	2.32E-05	2.84E-05	2.49E-05	8.04E-09	2.43E-08	1.40E-08	1.72E-08	1.56E-08	7.12E-09	6.24E-09	2.68E-10	6.48E-09	1.43E-09	2.34E-09	3.71E-09	6.53E-10	3.28E-09	1.82E-08
6068	477097.27	3849654.41	2.29E-05	2.80E-05	2.46E-05	7.93E-09	2.39E-08	1.39E-08	1.70E-08	1.54E-08	7.02E-09	6.16E-09	2.65E-10	6.40E-09	1.41E-09	2.30E-09	3.66E-09	6.44E-10	3.23E-09	1.79E-08
6069	477009.41	3849611.76	2.24E-05	2.74E-05	2.41E-05	7.76E-09	2.34E-08	1.36E-08	1.66E-08	1.51E-08	6.87E-09	6.03E-09	2.59E-10	6.26E-09	1.38E-09	2.26E-09	3.58E-09	6.31E-10	3.17E-09	1.75E-08
6070	476841.49	3849530.08	2.18E-05	2.67E-05	2.35E-05	7.57E-09	2.28E-08	1.32E-08	1.62E-08	1.47E-08	6.70E-09	5.88E-09	2.53E-10	6.10E-09	1.35E-09	2.20E-09	3.49E-09	6.15E-10	3.09E-09	1.71E-08
6071	476761.41	3849491.05	2.16E-05	2.65E-05	2.33E-05	7.50E-09	2.26E-08	1.31E-08	1.61E-08	1.46E-08	6.64E-09	5.83E-09	2.50E-10	6.05E-09	1.33E-09	2.18E-09	3.46E-09	6.09E-10	3.06E-09	1.69E-08
6072	476681.34	3849452.02	2.13E-05	2.61E-05	2.29E-05	7.38E-09	2.23E-08	1.29E-08	1.58E-08	1.43E-08	6.54E-09	5.74E-09	2.47E-10	5.96E-09	1.31E-09	2.15E-09	3.41E-09	6.00E-10	3.01E-09	1.67E-08
6073	476601.26	3849412.99	2.09E-05	2.57E-05	2.25E-05	7.26E-09	2.19E-08	1.27E-08	1.55E-08	1.41E-08	6.43E-09	5.64E-09	2.42E-10	5.85E-09	1.29E-09	2.11E-09	3.35E-09	5.90E-10	2.96E-09	1.64E-08
6074	476456.32	3849353.67	2.02E-05	2.48E-05	2.17E-05	7.01E-09	2.12E-08	1.23E-08	1.50E-08	1.36E-08	6.21E-09	5.45E-09	2.34E-10	5.65E-09	1.25E-09	2.04E-09	3.23E-09	5.70E-10	2.86E-09	1.58E-08
6075	476305.43	3849318.84	2.02E-05	2.48E-05	2.17E-05	7.01E-09	2.12E-08	1.23E-08	1.50E-08	1.36E-08	6.21E-09	5.45E-09	2.34E-10	5.65E-09	1.25E-09	2.04E-09	3.23E-09	5.70E-10	2.86E-09	1.58E-08
6076	476129.36	3849289.99	2.01E-05	2.46E-05	2.15E-05	6.95E-09	2.10E-08	1.21E-08	1.49E-08	1.35E-08	6.15E-09	5.40E-09	2.32E-10	5.61E-09	1.24E-09	2.02E-09	3.20E-09	5.65E-10	2.83E-09	1.57E-08
6077	476039.31	3849275.68	2.00E-05	2.45E-05	2.15E-05	6.94E-09	2.09E-08	1.21E-08	1.49E-08	1.35E-08	6.14E-09	5.39E-09	2.32E-10	5.59E-09	1.23E-09	2.02E-09	3.20E-09	5.64E-10	2.83E-09	1.57E-08
6078	475949.26	3849261.38	1.97E-05	2.41E-05	2.11E-05	6.81E-09	2.06E-08	1.19E-08	1.46E-08	1.32E-08	6.03E-09	5.29E-09	2.27E-10	5.49E-09	1.21E-09	1.98E-09	3.14E-09	5.53E-10	2.78E-09	1.54E-08
6079	475859.21	3849247.08	1.96E-05	2.40E-05	2.10E-05	6.78E-09	2.05E-08	1.18E-08	1.45E-08	1.32E-08	6.00E-09	5.26E-09	2.26E-10	5.47E-09	1.21E-09	1.97E-09	3.13E-09	5.51E-10	2.76E-09	1.53E-08
6080	475769.16	3849232.77	1.94E-05	2.38E-05	2.08E-05	6.72E-09	2.03E-08	1.18E-08	1.44E-08	1.30E-08	5.95E-09	5.22E-09	2.25E-10	5.42E-09	1.20E-09	1.95E-09	3.10E-09	5.46E-10	2.74E-09	1.52E-08
6081	475585.23	3849219.27	1.75E-05	2.15E-05	1.88E-05	6.08E-09	1.84E-08	1.06E-08	1.30E-08	1.18E-08	5.38E-09	4.72E-09	2.03E-10	4.90E-09	1.08E-09	1.77E-09	2.80E-09	4.94E-10	2.48E-09	1.37E-08
6082	475444.5	3849150.35	1.83E-05	2.24E-05	1.96E-05	6.34E-09	1.91E-08	1.11E-08	1.36E-08	1.23E-08	5.61E-09	4.92E-09	2.12E-10	5.11E-09	1.13E-09	1.84E-09	2.92E-09	5.15E-10	2.58E-09	1.43E-08
6083	475334.18	3849118.71	1.83E-05	2.24E-05	1.97E-05	6.35E-09	1.92E-08	1.11E-08	1.36E-08	1.23E-08	5.62E-09	4.93E-09	2.12E-10	5.12E-09	1.13E-09	1.85E-09	2.93E-09	5.16E-10	2.59E-09	1.43E-08
6084	475230.47	3849060.57	1.81E-05	2.21E-05	1.94E-05	6.27E-09	1.89E-08	1.10E-08	1.34E-08	1.22E-08	5.55E-09	4.87E-09	2.09E-10	5.05E-09	1.12E-09	1.82E-09	2.89E-09	5.09E-10	2.55E-09	1.42E-08
6085	475110.86	3848960.97	1.76E-05	2.16E-05	1.89E-05	6.10E-09	1.84E-08	1.07E-08	1.31E-08	1.18E-08	5.40E-09	4.74E-09	2.04E-10	4.92E-09	1.09E-09	1.77E-09	2.81E-09	4.96E-10	2.49E-09	1.38E-08
6086	475037.79	3848896.28	1.72E-05	2.11E-05	1.85E-05	5.97E-09	1.80E-08	1.04E-08	1.28E-08	1.16E-08	5.29E-09	4.64E-09	2.00E-10	4.82E-09	1.06E-09	1.74E-09	2.76E-09	4.86E-10	2.44E-09	1.35E-08
6087	474964.72	3848831.59	1.69E-05	2.07E-05	1.81E-05	5.85E-09	1.77E-08	1.02E-08	1.25E-08	1.13E-08	5.18E-09	4.54E-09	1.95E-10	4.72E-09	1.04E-09	1.70E-09	2.70E-09	4.75E-10	2.38E-09	1.32E-08
6088	474891.65	3848766.9	1.66E-05	2.03E-05	1.78E-05	5.76E-09	1.74E-08	1.01E-08	1.23E-08	1.12E-08	5.10E-09	4.47E-09	1.92E-10	4.64E-09	1.02E-09	1.67E-09	2.65E-09	4.68E-10	2.35E-09	1.30E-08
6089	474818.58	3848702.22	1.64E-05	2.01E-05	1.76E-05	5.69E-09	1.72E-08	9.94E-09	1.22E-08	1.10E-08	5.04E-09	4.42E-09	1.90E-10	4.59E-09	1.01E-09	1.65E-09	2.62E-09	4.62E-10	2.32E-09	1.28E-08
6090	474745.51	3848637.53	1.64E-05	2.01E-05	1.76E-05	5.69E-09	1.72E-08	9.95E-09	1.22E-08	1.11E-08	5.04E-09	4.42E-09	1.90E-10	4.59E-09	1.01E-09	1.66E-09	2.63E-09	4.63E-10	2.32E-09	1.29E-08
6091	474672.44	3848572.84	1.63E-05	2.00E-05	1.75E-05	5.65E-09	1.70E-08	9.87E-09	1.21E-08	1.10E-08	5.00E-09	4.38E-09	1.89E-10	4.55E-09	1.00E-09	1.64E-09	2.60E-09	4.59E-10	2.30E-09	1.28E-08
6092	474599.37	3848508.15	1.60E-05	1.96E-05	1.72E-05	5.54E-09	1.67E-08	9.68E-09	1.19E-08	1.07E-08	4.90E-09	4.30E-09	1.85E-10	4.47E-09	9.86E-10	1.61E-09	2.55E-09	4.50E-10	2.26E-09	1.25E-08
6093	474526.3	3848443.46	1.58E-05	1.93E-05	1.69E-05	5.46E-09	1.65E-08	9.55E-09	1.17E-08	1.06E-08	4.84E-09	4.24E-09	1.82E-10	4.41E-09	9.72E-10	1.59E-09	2.52E-09	4.44E-10	2.23E-09	1.23E-08

						2028 Unmitigated					2028 Mitigated - Electric RTG Cranes					2033 Unmitigated				
	Period				Rates (g/s):	4.04E-03	2.98E-02	6.38E-03	3.16E-03		3.68E-03	0.00E+00	8.50E-05	8.61E-05		4.68E-03	2.98E-02	6.38E-03	3.16E-03	
	Concentration [ug/m^3] at 1 g/s					Concentration [ug/m^3]					Concentration [ug/m^3]					Concentration [ug/m^3]				
	X, Y	CHE (PARE	WHS (PARE	STCK1-10	STCK11-39	CHE (PARE	WHS (PAR	STCK1-10	STCK11-39	Total	CHE (PAREA6	WHS (PARE	STCK1-10	STCK11-39	Total	CHE (PARE	WHS (PAR	STCK1-10	STCK11-39	Total
1	485973.61, 3854936.51	0.35979	0.05383	0.00755	0.03265	1.45E-03	1.61E-03	4.82E-05	1.03E-04	3.21E-03	1.32E-03	0.00E+00	6.42E-07	2.81E-06	1.33E-03	1.68E-03	1.61E-03	4.82E-05	1.03E-04	3.44E-03
2	486023.61, 3854936.51	0.35175	0.05307	0.00795	0.0328	1.42E-03	1.58E-03	5.07E-05	1.04E-04	3.16E-03	1.29E-03	0.00E+00	6.76E-07	2.82E-06	1.30E-03	1.64E-03	1.58E-03	5.07E-05	1.04E-04	3.38E-03
3	486073.61, 3854936.51	0.34752	0.05264	0.00845	0.03292	1.40E-03	1.57E-03	5.39E-05	1.04E-04	3.13E-03	1.28E-03	0.00E+00	7.19E-07	2.83E-06	1.28E-03	1.63E-03	1.57E-03	5.39E-05	1.04E-04	3.35E-03
4	486123.61, 3854936.51	0.33447	0.05146	0.00906	0.03298	1.35E-03	1.54E-03	5.78E-05	1.04E-04	3.05E-03	1.23E-03	0.00E+00	7.71E-07	2.84E-06	1.23E-03	1.56E-03	1.54E-03	5.78E-05	1.04E-04	3.26E-03
5	486173.61, 3854936.51	0.33517	0.05149	0.00959	0.03307	1.35E-03	1.54E-03	6.12E-05	1.04E-04	3.06E-03	1.23E-03	0.00E+00	8.16E-07	2.85E-06	1.24E-03	1.57E-03	1.54E-03	6.12E-05	1.04E-04	3.27E-03
6	486223.61, 3854936.51	0.32784	0.05082	0.01012	0.03312	1.33E-03	1.52E-03	6.46E-05	1.05E-04	3.01E-03	1.21E-03	0.00E+00	8.61E-07	2.85E-06	1.21E-03	1.53E-03	1.52E-03	6.46E-05	1.05E-04	3.22E-03
7	486273.61, 3854936.51	0.32303	0.05039	0.0105	0.03316	1.31E-03	1.50E-03	6.70E-05	1.05E-04	2.98E-03	1.19E-03	0.00E+00	8.93E-07	2.86E-06	1.19E-03	1.51E-03	1.50E-03	6.70E-05	1.05E-04	3.19E-03
8	486323.61, 3854936.51	0.319	0.05004	0.01071	0.03319	1.29E-03	1.49E-03	6.83E-05	1.05E-04	2.96E-03	1.17E-03	0.00E+00	9.11E-07	2.86E-06	1.18E-03	1.49E-03	1.49E-03	6.83E-05	1.05E-04	3.16E-03
9	485973.61, 3854986.51	0.42822	0.05766	0.00744	0.03413	1.73E-03	1.72E-03	4.75E-05	1.08E-04	3.61E-03	1.57E-03	0.00E+00	6.33E-07	2.94E-06	1.58E-03	2.00E-03	1.72E-03	4.75E-05	1.08E-04	3.88E-03
10	486023.61, 3854986.51	0.41882	0.057	0.00775	0.03425	1.69E-03	1.70E-03	4.94E-05	1.08E-04	3.55E-03	1.54E-03	0.00E+00	6.59E-07	2.95E-06	1.54E-03	1.96E-03	1.70E-03	4.94E-05	1.08E-04	3.82E-03
11	486073.61, 3854986.51	0.40693	0.05613	0.00821	0.03434	1.64E-03	1.67E-03	5.24E-05	1.08E-04	3.48E-03	1.50E-03	0.00E+00	6.98E-07	2.96E-06	1.50E-03	1.90E-03	1.67E-03	5.24E-05	1.08E-04	3.74E-03
12	486123.61, 3854986.51	0.396	0.05533	0.00876	0.03442	1.60E-03	1.65E-03	5.59E-05	1.09E-04	3.42E-03	1.46E-03	0.00E+00	7.45E-07	2.96E-06	1.46E-03	1.85E-03	1.65E-03	5.59E-05	1.09E-04	3.67E-03
13	486173.61, 3854986.51	0.39106	0.05501	0.00932	0.03449	1.58E-03	1.64E-03	5.94E-05	1.09E-04	3.39E-03	1.44E-03	0.00E+00	7.93E-07	2.97E-06	1.44E-03	1.83E-03	1.64E-03	5.94E-05	1.09E-04	3.64E-03
14	486223.61, 3854986.51	0.3802	0.05421	0.00991	0.03454	1.54E-03	1.62E-03	6.32E-05	1.09E-04	3.33E-03	1.40E-03	0.00E+00	8.43E-07	2.97E-06	1.40E-03	1.78E-03	1.62E-03	6.32E-05	1.09E-04	3.57E-03
15	486273.61, 3854986.51	0.36848	0.05333	0.01043	0.03456	1.49E-03	1.59E-03	6.65E-05	1.09E-04	3.26E-03	1.35E-03	0.00E+00	8.87E-07	2.98E-06	1.36E-03	1.72E-03	1.59E-03	6.65E-05	1.09E-04	3.49E-03
16	486323.61, 3854986.51	0.36928	0.05349	0.01071	0.03461	1.49E-03	1.60E-03	6.83E-05	1.09E-04	3.27E-03	1.36E-03	0.00E+00	9.11E-07	2.98E-06	1.36E-03	1.73E-03	1.60E-03	6.83E-05	1.09E-04	3.50E-03
17	485973.61, 3855036.51	0.50892	0.06187	0.00739	0.03569	2.06E-03	1.85E-03	4.71E-05	1.13E-04	4.06E-03	1.87E-03	0.00E+00	6.28E-07	3.07E-06	1.87E-03	2.38E-03	1.85E-03	4.71E-05	1.13E-04	4.39E-03
18	486023.61, 3855036.51	0.49299	0.06097	0.00761	0.0358	1.99E-03	1.82E-03	4.85E-05	1.13E-04	3.97E-03	1.81E-03	0.00E+00	6.47E-07	3.08E-06	1.82E-03	2.31E-03	1.82E-03	4.85E-05	1.13E-04	4.29E-03
19	486073.61, 3855036.51	0.4734	0.05978	0.008	0.03589	1.91E-03	1.78E-03	5.10E-05	1.13E-04	3.86E-03	1.74E-03	0.00E+00	6.80E-07	3.09E-06	1.74E-03	2.21E-03	1.78E-03	5.10E-05	1.13E-04	4.16E-03
20	486123.61, 3855036.51	0.45938	0.05895	0.00849	0.03597	1.86E-03	1.76E-03	5.42E-05	1.14E-04	3.78E-03	1.69E-03	0.00E+00	7.22E-07	3.10E-06	1.69E-03	2.15E-03	1.76E-03	5.42E-05	1.14E-04	4.07E-03
21	486173.61, 3855036.51	0.45222	0.05861	0.00904	0.03604	1.83E-03	1.75E-03	5.77E-05	1.14E-04	3.75E-03	1.66E-03	0.00E+00	7.69E-07	3.10E-06	1.67E-03	2.11E-03	1.75E-03	5.77E-05	1.14E-04	4.03E-03
22	486223.61, 3855036.51	0.43527	0.05752	0.00968	0.03609	1.76E-03	1.72E-03	6.17E-05	1.14E-04	3.65E-03	1.60E-03	0.00E+00	8.23E-07	3.11E-06	1.60E-03	2.04E-03	1.72E-03	6.17E-05	1.14E-04	3.93E-03
23	486273.61, 3855036.51	0.43038	0.05734	0.0102	0.03613	1.74E-03	1.71E-03	6.51E-05	1.14E-04	3.63E-03	1.58E-03	0.00E+00	8.67E-07	3.11E-06	1.59E-03	2.01E-03	1.71E-03	6.51E-05	1.14E-04	3.90E-03
24	486323.61, 3855036.51	0.4187	0.05662	0.01065	0.03613	1.69E-03	1.69E-03	6.79E-05	1.14E-04	3.56E-03	1.54E-03	0.00E+00	9.06E-07	3.11E-06	1.54E-03	1.96E-03	1.69E-03	6.79E-05	1.14E-04	3.83E-03
25	485973.61, 3855086.51	0.59656	0.06611	0.0074	0.03738	2.41E-03	1.97E-03	4.72E-05	1.18E-04	4.55E-03	2.19E-03	0.00E+00	6.29E-07	3.22E-06	2.20E-03	2.79E-03	1.97E-03	4.72E-05	1.18E-04	4.93E-03
26	486023.61, 3855086.51	0.57889	0.06535	0.00753	0.03748	2.34E-03	1.95E-03	4.80E-05	1.18E-04	4.46E-03	2.13E-03	0.00E+00	6.40E-07	3.23E-06	2.13E-03	2.71E-03	1.95E-03	4.80E-05	1.18E-04	4.82E-03
27	486073.61, 3855086.51	0.55216	0.06395	0.00782	0.03759	2.23E-03	1.91E-03	4.99E-05	1.19E-04	4.31E-03	2.03E-03	0.00E+00	6.65E-07	3.24E-06	2.03E-03	2.58E-03	1.91E-03	4.99E-05	1.19E-04	4.66E-03
28	486123.61, 3855086.51	0.53744	0.06329	0.00822	0.03768	2.17E-03	1.89E-03	5.24E-05	1.19E-04	4.23E-03	1.98E-03	0.00E+00	6.99E-07	3.24E-06	1.98E-03	2.51E-03	1.89E-03	5.24E-05	1.19E-04	4.57E-03
29	486173.61, 3855086.51	0.5161	0.06214	0.00878	0.03775	2.09E-03	1.85E-03	5.60E-05	1.19E-04	4.12E-03	1.90E-03	0.00E+00	7.47E-07	3.25E-06	1.90E-03	2.41E-03	1.85E-03	5.60E-05	1.19E-04	4.44E-03
30	486223.61, 3855086.51	0.50271	0.06151	0.00937	0.03779	2.03E-03	1.84E-03	5.98E-05	1.19E-04	4.05E-03	1.85E-03	0.00E+00	7.97E-07	3.25E-06	1.85E-03	2.35E-03	1.84E-03	5.98E-05	1.19E-04	4.37E-03
31	485973.61, 3855136.51	0.70047	0.07099	0.00744	0.03923	2.83E-03	2.12E-03	4.75E-05	1.24E-04	5.12E-03	2.58E-03	0.00E+00	6.33E-07	3.38E-06	2.58E-03	3.28E-03	2.12E-03	4.75E-05	1.24E-04	5.57E-03
32	486023.61, 3855136.51	0.67119	0.0698	0.00751	0.03935	2.71E-03	2.08E-03	4.79E-05	1.24E-04	4.97E-03	2.47E-03	0.00E+00	6.39E-07	3.39E-06	2.47E-03	3.14E-03	2.08E-03	4.79E-05	1.24E-04	5.39E-03
33	486073.61, 3855136.51	0.6427	0.06858	0.0077	0.03946	2.60E-03	2.05E-03	4.91E-05	1.25E-04	4.82E-03	2.36E-03	0.00E+00	6.55E-07	3.40E-06	2.37E-03	3.01E-03	2.05E-03	4.91E-05	1.25E-04	5.23E-03
34	486123.61, 3855136.51	0.61884	0.06757	0.00802	0.03955	2.50E-03	2.02E-03	5.12E-05	1.25E-04	4.69E-03	2.28E-03	0.00E+00	6.82E-07	3.41E-06	2.28E-03	2.89E-03	2.02E-03	5.12E-05	1.25E-04	5.09E-03
35	486173.61, 3855136.51	0.59428	0.06644	0.00849	0.0396	2.40E-03	1.98E-03	5.42E-05	1.25E-04	4.56E-03	2.18E-03	0.00E+00	7.22E-07	3.41E-06	2.19E-03	2.78E-03	1.98E-03	5.42E-05	1.25E-04	4.94E-03
36	486223.61, 3855136.51	0.57351	0.06551	0.00906	0.0396	2.32E-03	1.95E-03	5.78E-05	1.25E-04	4.46E-03	2.11E-03	0.00E+00	7.71E-07	3.41E-06	2.11E-03	2.68E-03	1.95E-03	5.78E-05	1.25E-04	4.82E-03
37	485973.61, 3855186.51	0.81479	0.07616	0.00752	0.04127	3.29E-03	2.27E-03	4.80E-05	1.30E-04	5.74E-03	3.00E-03	0.00E+00	6.40E-07	3.55E-06	3.00E-03	3.81E-03	2.27E-03	4.80E-05	1.30E-04	6.26E-03
38	486023.61, 3855186.51	0.77903	0.0749	0.00753	0.04139	3.15E-03	2.23E-03	4.80E-05	1.31E-04	5.56E-03	2.86E-03	0.00E+00	6.40E-07	3.56E-06	2.87E-03	3.64E-03	2.23E-03	4.80E-05	1.31E-04	6.06E-03
39	486073.61, 3855186.51	0.73751	0.07321	0.00765	0.0415	2.98E-03	2.18E-03	4.88E-05	1.31E-04	5.35E-03	2.71E-03	0.00E+00	6.51E-07	3.57E-06	2.72E-03	3.45E-03	2.18E-03	4.88E-05	1.31E-04	5.81E-03
40	486123.61, 3855186.51	0.70041	0.07166	0.0079	0.04156	2.83E-03	2.14E-03	5.04E-05	1.31E-04	5.15E-03	2.58E-03	0.00E+00	6.72E-07	3.58E-06	2.58E-03	3.28E-03	2.14E-03	5.04E-05	1.31E-04	5.60E-03
41	486173.61, 3855186.51	0.67267	0.07057	0.00827	0.04156	2.72E-03	2.11E-03	5.28E-05	1.31E-04	5.01E-03	2.47E-03	0.00E+00	7.03E-07	3.58E-06	2.48E-03	3.15E-03	2.11E-03	5.28E-05	1.31E-04	5.44E-03
42	486223.61, 3855186.51	0.647	0.06953	0.00878	0.0415	2.62E-03	2.07E-03	5.60E-05	1.31E-04	4.88E-03	2.38E-03	0.00E+00	7.47E-07	3.57E-06	2.38E-03	3.03E-03	2.07E-03	5.60E-05	1.31E-04	5.29E-03
43	486273.61, 3855186.51	0.62113	0.0684	0.0094	0.04138	2.51E-03	2.04E-03	6.00E-05	1.31E-04	4.74E-03	2.28E-03	0.00E+00	7.99E-07	3.56E-06	2.29E-03	2.90E-03	2.04E-03	6.00E-05	1.31E-04	5.14E-03
44	486323.61, 3855186.51	0.6181	0.06872	0.0099	0.0412	2.50E-03	2.05E-03	6.31E-05	1.30E-04	4.74E-03	2.27E-03	0.00E+00	8.42E-07	3.55E-06	2.28E-03	2.89E-03	2.05E-03	6.31E-05	1.30E-04	5.13E-03
45	485973.61, 3855236.51	0.93689	0.08148	0.00762	0.0435	3.79E-03	2.43E-03	4.86E-05	1.37E-04	6.40E-03	3.44E-03	0.00E+00	6.48E-07	3.75E-06	3.45E-03	4.38E-03	2.43E-03	4.86E-05	1.37E-04	7.00E-03
46	486023.61, 3855236.51	0.88342	0.07959	0.00762	0.04361	3.57E-03	2.37E-03	4.86E-05	1.38E-04	6.13E-03	3.25E-03	0.00E+00	6.48E-07	3.76E-06	3.25E-03	4.13E-03	2.37E-03	4.86E-05	1.38E-04	6.69E-03
47	486073.61, 3855236.51	0.83246	0.07766	0.00768	0.04368	3.36E-03	2.32E-03	4.90E-05	1.38E-04	5.87E-03	3.06E-03	0.00E+00	6.53E-07	3.76E-06	3.06E-03	3.89E-03	2.32E-03	4.90E-05	1.38E-04	6.40E-03
48	486123.61, 3855236.51	0.79373	0.07629	0.00783	0.04366	3.21E-03	2.28E-03	4.99E-05	1.38E-04	5.67E-03	2.92E-03	0.00E+00	6.66E-07	3.76E-06	2.92E-03	3.71E-03	2.28E-03	4.99E-05	1.38E-04	6.18E-03
49	486173.61, 3855236.51	0.75961	0.07507	0.0081	0.04357	3.07E-03	2.24E-03	5.17E-05	1.38E-04	5.50E-03	2.79E-03	0.00E+00	6.89E-07	3.75E-06	2.80E-03	3.55E-03	2.24E-03	5.17E-05	1.38E-04	5.98E-03
50	486223.61, 3855236.51	0.72594	0.07377	0.00854	0.04342	2.93E-03	2.20E-03	5.45E-05	1.37E-04	5.33E-03	2.67E-03	0.00E+00	7.26E-07	3.74E-06	2.67E-03	3.39E-03	2.20E-03	5.45E-05	1.37E-04	5.79E-03
51	486273.61, 3855236.51	0.68433	0.07187	0.00916	0.04321	2.77E-03	2.14E-03	5.84E-05	1.36E-04	5.11E-03	2.52E-03	0.00E+00	7.79E-07	3.72E-06	2.52E-03	3.20E-03	2.14E-03	5.84E-05	1.36E-04	5.54E-03
52	486323.61, 3855236.51	0.69012	0.07286	0.0096	0.04291	2.79E-03	2.17E-03	6.12E-05	1.35E-04	5.16E-03	2.54E-03	0.00E+00	8.16E-07	3.69E-06	2.54E-03	3.23E-03	2.17E-03	6.12E-05	1.35E-04	5.60E-03
53	485973.61, 3855286.51	1.06643	0.08692	0.00773	0.04588	4.31E-03	2.59E-03	4.93E-05	1.45E-04	7.10E-03	3.92E-03	0.00E+00	6.57E-07	3.95E-06	3.93E-03	4.99E-03	2.59E-03	4.93E-05	1.45E-04	7.77E-03
54	486023.61, 3855286.51	0.99888	0.08469	0.00774	0.04593	4.04E-03	2.53E-03	4.94E-05	1.45E-04	6.76E-03	3.67E-03	0.00E+00	6.58E-07	3.96E-06	3.68E-03	4.67E-03	2.53E-03	4.94E-05	1.45E-04	7.39E-03
55	486073.61, 3855286.51	0.9432	0.08284	0.00774	0.04589	3.81E-03	2.47E-03	4.94E-05	1.45E-04	6.48E-03	3.47E-03	0.00E+00	6.58E-07	3.95E-06	3.47E-03	4.41E-03	2.47E-03	4.94E-05	1.45E-04	7.08E-03

56	486123.61, 3855286.51	0.88981	0.08094	0.00783	0.04578	3.60E-03	2.41E-03	4.99E-05	1.45E-04	6.21E-03	3.27E-03	0.00E+00	6.66E-07	3.94E-06	3.28E-03	4.16E-03	2.41E-03	4.99E-05	1.45E-04	6.77E-03
57	486173.61, 3855286.51	0.84441	0.07933	0.00803	0.04558	3.41E-03	2.37E-03	5.12E-05	1.44E-04	5.98E-03	3.10E-03	0.00E+00	6.83E-07	3.92E-06	3.11E-03	3.95E-03	2.37E-03	5.12E-05	1.44E-04	6.51E-03
58	486223.61, 3855286.51	0.80997	0.07821	0.00835	0.04531	3.27E-03	2.33E-03	5.33E-05	1.43E-04	5.80E-03	2.98E-03	0.00E+00	7.10E-07	3.90E-06	2.98E-03	3.79E-03	2.33E-03	5.33E-05	1.43E-04	6.32E-03
59	486123.61, 3855336.51	0.9916	0.08581	0.0079	0.04787	4.01E-03	2.56E-03	5.04E-05	1.51E-04	6.77E-03	3.65E-03	0.00E+00	6.72E-07	4.12E-06	3.65E-03	4.64E-03	2.56E-03	5.04E-05	1.51E-04	7.40E-03
60	486173.61, 3855336.51	0.94435	0.08434	0.00799	0.04755	3.82E-03	2.52E-03	5.10E-05	1.50E-04	6.53E-03	3.47E-03	0.00E+00	6.80E-07	4.09E-06	3.48E-03	4.42E-03	2.52E-03	5.10E-05	1.50E-04	7.13E-03
61	486223.61, 3855336.51	0.89853	0.08282	0.00823	0.04719	3.63E-03	2.47E-03	5.25E-05	1.49E-04	6.30E-03	3.30E-03	0.00E+00	7.00E-07	4.06E-06	3.31E-03	4.20E-03	2.47E-03	5.25E-05	1.49E-04	6.87E-03
62	486123.61, 3855386.51	1.10315	0.0911	0.008	0.04995	4.46E-03	2.72E-03	5.10E-05	1.58E-04	7.39E-03	4.06E-03	0.00E+00	6.80E-07	4.30E-06	4.06E-03	5.16E-03	2.72E-03	5.10E-05	1.58E-04	8.09E-03
63	486173.61, 3855386.51	1.04736	0.08948	0.00803	0.04955	4.23E-03	2.67E-03	5.12E-05	1.56E-04	7.11E-03	3.85E-03	0.00E+00	6.83E-07	4.27E-06	3.86E-03	4.90E-03	2.67E-03	5.12E-05	1.56E-04	7.78E-03
64	486223.61, 3855386.51	0.99853	0.08802	0.00817	0.04912	4.04E-03	2.63E-03	5.21E-05	1.55E-04	6.87E-03	3.67E-03	0.00E+00	6.95E-07	4.23E-06	3.68E-03	4.67E-03	2.63E-03	5.21E-05	1.55E-04	7.50E-03
65	486533.18, 3855443.15	0.87006	0.08677	0.01101	0.04887	3.52E-03	2.59E-03	7.02E-05	1.54E-04	6.33E-03	3.20E-03	0.00E+00	9.36E-07	4.21E-06	3.20E-03	4.07E-03	2.59E-03	7.02E-05	1.54E-04	6.88E-03
66	486583.18, 3855443.15	0.8365	0.08553	0.0115	0.04851	3.38E-03	2.55E-03	7.34E-05	1.53E-04	6.16E-03	3.08E-03	0.00E+00	9.78E-07	4.18E-06	3.08E-03	3.91E-03	2.55E-03	7.34E-05	1.53E-04	6.69E-03
67	486633.18, 3855443.15	0.80518	0.08435	0.0118	0.04816	3.25E-03	2.52E-03	7.53E-05	1.52E-04	6.00E-03	2.96E-03	0.00E+00	1.00E-06	4.15E-06	2.97E-03	3.77E-03	2.52E-03	7.53E-05	1.52E-04	6.51E-03
68	486683.18, 3855443.15	0.78231	0.08363	0.01181	0.0478	3.16E-03	2.49E-03	7.53E-05	1.51E-04	5.88E-03	2.88E-03	0.00E+00	1.00E-06	4.12E-06	2.88E-03	3.66E-03	2.49E-03	7.53E-05	1.51E-04	6.38E-03
69	486533.18, 3855493.15	0.94341	0.0915	0.01076	0.05108	3.81E-03	2.73E-03	6.86E-05	1.61E-04	6.77E-03	3.47E-03	0.00E+00	9.15E-07	4.40E-06	3.47E-03	4.41E-03	2.73E-03	6.86E-05	1.61E-04	7.37E-03
70	486583.18, 3855493.15	0.90847	0.09033	0.01133	0.05066	3.67E-03	2.69E-03	7.23E-05	1.60E-04	6.60E-03	3.34E-03	0.00E+00	9.64E-07	4.36E-06	3.35E-03	4.25E-03	2.69E-03	7.23E-05	1.60E-04	7.18E-03
71	486633.18, 3855493.15	0.87397	0.08907	0.01175	0.05024	3.53E-03	2.66E-03	7.49E-05	1.59E-04	6.42E-03	3.21E-03	0.00E+00	9.99E-07	4.33E-06	3.22E-03	4.09E-03	2.66E-03	7.49E-05	1.59E-04	6.98E-03
72	486683.18, 3855493.15	0.84215	0.08789	0.01195	0.04982	3.40E-03	2.62E-03	7.62E-05	1.57E-04	6.26E-03	3.10E-03	0.00E+00	1.02E-06	4.29E-06	3.10E-03	3.94E-03	2.62E-03	7.62E-05	1.57E-04	6.79E-03
73	486533.18, 3855543.15	1.02514	0.09679	0.01045	0.05338	4.14E-03	2.89E-03	6.67E-05	1.69E-04	7.27E-03	3.77E-03	0.00E+00	8.89E-07	4.60E-06	3.77E-03	4.79E-03	2.89E-03	6.67E-05	1.69E-04	7.92E-03
74	486583.18, 3855543.15	0.97626	0.09489	0.01115	0.05289	3.95E-03	2.83E-03	7.11E-05	1.67E-04	7.02E-03	3.59E-03	0.00E+00	9.48E-07	4.55E-06	3.59E-03	4.57E-03	2.83E-03	7.11E-05	1.67E-04	7.63E-03
75	486633.18, 3855543.15	0.9404	0.09367	0.01167	0.05238	3.80E-03	2.79E-03	7.44E-05	1.65E-04	6.84E-03	3.46E-03	0.00E+00	9.92E-07	4.51E-06	3.46E-03	4.40E-03	2.79E-03	7.44E-05	1.65E-04	7.43E-03
76	486683.18, 3855543.15	0.89666	0.09183	0.01208	0.05187	3.62E-03	2.74E-03	7.71E-05	1.64E-04	6.60E-03	3.30E-03	0.00E+00	1.03E-06	4.47E-06	3.30E-03	4.19E-03	2.74E-03	7.71E-05	1.64E-04	7.17E-03
77	486533.18, 3855593.15	1.10441	0.10194	0.01017	0.05575	4.46E-03	3.04E-03	6.49E-05	1.76E-04	7.75E-03	4.06E-03	0.00E+00	8.65E-07	4.80E-06	4.07E-03	5.16E-03	3.04E-03	6.49E-05	1.76E-04	8.45E-03
78	486583.18, 3855593.15	1.05435	0.10014	0.01087	0.05515	4.26E-03	2.99E-03	6.93E-05	1.74E-04	7.49E-03	3.88E-03	0.00E+00	9.24E-07	4.75E-06	3.88E-03	4.93E-03	2.99E-03	6.93E-05	1.74E-04	8.16E-03
79	486633.18, 3855593.15	1.01036	0.09854	0.0115	0.05454	4.08E-03	2.94E-03	7.34E-05	1.72E-04	7.27E-03	3.71E-03	0.00E+00	9.78E-07	4.70E-06	3.72E-03	4.73E-03	2.94E-03	7.34E-05	1.72E-04	7.91E-03
80	486683.18, 3855593.15	0.97406	0.0973	0.01196	0.05392	3.94E-03	2.90E-03	7.63E-05	1.70E-04	7.09E-03	3.58E-03	0.00E+00	1.02E-06	4.64E-06	3.59E-03	4.56E-03	2.90E-03	7.63E-05	1.70E-04	7.70E-03
81	486533.18, 3855643.15	1.18984	0.10752	0.0099	0.05814	4.81E-03	3.21E-03	6.31E-05	1.84E-04	8.26E-03	4.37E-03	0.00E+00	8.42E-07	5.01E-06	4.38E-03	5.56E-03	3.21E-03	6.31E-05	1.84E-04	9.02E-03
82	486583.18, 3855643.15	1.13677	0.1057	0.01057	0.05741	4.60E-03	3.15E-03	6.74E-05	1.81E-04	8.00E-03	4.18E-03	0.00E+00	8.99E-07	4.94E-06	4.19E-03	5.32E-03	3.15E-03	6.74E-05	1.81E-04	8.72E-03
83	486633.18, 3855643.15	1.08732	0.1039	0.01125	0.05669	4.40E-03	3.10E-03	7.18E-05	1.79E-04	7.75E-03	4.00E-03	0.00E+00	9.57E-07	4.88E-06	4.00E-03	5.08E-03	3.10E-03	7.18E-05	1.79E-04	8.44E-03
84	486683.18, 3855643.15	1.04391	0.10233	0.01184	0.05596	4.22E-03	3.05E-03	7.55E-05	1.77E-04	7.52E-03	3.84E-03	0.00E+00	1.01E-06	4.82E-06	3.84E-03	4.88E-03	3.05E-03	7.55E-05	1.77E-04	8.19E-03
85	486533.18, 3855693.15	1.28749	0.1138	0.00965	0.0605	5.20E-03	3.40E-03	6.16E-05	1.91E-04	8.85E-03	4.73E-03	0.00E+00	8.21E-07	5.21E-06	4.74E-03	6.02E-03	3.40E-03	6.16E-05	1.91E-04	9.67E-03
86	486583.18, 3855693.15	1.21688	0.11112	0.01031	0.05968	4.92E-03	3.32E-03	6.58E-05	1.88E-04	8.49E-03	4.47E-03	0.00E+00	8.77E-07	5.14E-06	4.48E-03	5.69E-03	3.32E-03	6.58E-05	1.88E-04	9.26E-03
87	486633.18, 3855693.15	1.15057	0.10845	0.01108	0.05885	4.65E-03	3.24E-03	7.07E-05	1.86E-04	8.14E-03	4.23E-03	0.00E+00	9.42E-07	5.07E-06	4.24E-03	5.38E-03	3.24E-03	7.07E-05	1.86E-04	8.87E-03
88	486683.18, 3855693.15	1.11611	0.10757	0.01166	0.05798	4.51E-03	3.21E-03	7.44E-05	1.83E-04	7.98E-03	4.10E-03	0.00E+00	9.92E-07	4.99E-06	4.11E-03	5.22E-03	3.21E-03	7.44E-05	1.83E-04	8.69E-03
89	486733.18, 3855693.15	1.09399	0.10738	0.01201	0.0571	4.42E-03	3.20E-03	7.66E-05	1.80E-04	7.88E-03	4.02E-03	0.00E+00	1.02E-06	4.92E-06	4.03E-03	5.12E-03	3.20E-03	7.66E-05	1.80E-04	8.58E-03
90	486783.18, 3855693.15	1.07809	0.10759	0.01211	0.05624	4.36E-03	3.21E-03	7.72E-05	1.78E-04	7.82E-03	3.96E-03	0.00E+00	1.03E-06	4.84E-06	3.97E-03	5.04E-03	3.21E-03	7.72E-05	1.78E-04	8.51E-03
91	486533.18, 3855743.15	1.38152	0.11987	0.0095	0.06284	5.58E-03	3.58E-03	6.06E-05	1.98E-04	9.42E-03	5.08E-03	0.00E+00	8.08E-07	5.41E-06	5.09E-03	6.46E-03	3.58E-03	6.06E-05	1.98E-04	1.03E-02
92	486583.18, 3855743.15	1.2938	0.11638	0.0101	0.0619	5.23E-03	3.47E-03	6.44E-05	1.95E-04	8.96E-03	4.76E-03	0.00E+00	8.59E-07	5.33E-06	4.76E-03	6.05E-03	3.47E-03	6.44E-05	1.95E-04	9.78E-03
93	486633.18, 3855743.15	1.23167	0.11414	0.01079	0.06092	4.98E-03	3.41E-03	6.88E-05	1.92E-04	8.65E-03	4.53E-03	0.00E+00	9.18E-07	5.25E-06	4.53E-03	5.76E-03	3.41E-03	6.88E-05	1.92E-04	9.43E-03
94	486683.18, 3855743.15	1.20122	0.11365	0.01136	0.0599	4.86E-03	3.39E-03	7.25E-05	1.89E-04	8.51E-03	4.42E-03	0.00E+00	9.66E-07	5.16E-06	4.42E-03	5.62E-03	3.39E-03	7.25E-05	1.89E-04	9.27E-03
95	486733.18, 3855743.15	1.16316	0.11258	0.0119	0.05892	4.70E-03	3.36E-03	7.59E-05	1.86E-04	8.32E-03	4.28E-03	0.00E+00	1.01E-06	5.07E-06	4.28E-03	5.44E-03	3.36E-03	7.59E-05	1.86E-04	9.06E-03
96	486783.18, 3855743.15	1.15205	0.11321	0.01207	0.05792	4.66E-03	3.38E-03	7.70E-05	1.83E-04	8.29E-03	4.24E-03	0.00E+00	1.03E-06	4.99E-06	4.24E-03	5.39E-03	3.38E-03	7.70E-05	1.83E-04	9.02E-03
97	486533.18, 3855793.15	1.48303	0.12638	0.00943	0.06502	5.99E-03	3.77E-03	6.01E-05	2.05E-04	1.00E-02	5.45E-03	0.00E+00	8.02E-07	5.60E-06	5.46E-03	6.94E-03	3.77E-03	6.01E-05	2.05E-04	1.10E-02
98	486583.18, 3855793.15	1.36799	0.12148	0.00997	0.06399	5.53E-03	3.62E-03	6.36E-05	2.02E-04	9.42E-03	5.03E-03	0.00E+00	8.48E-07	5.51E-06	5.04E-03	6.40E-03	3.62E-03	6.36E-05	2.02E-04	1.03E-02
99	486633.18, 3855793.15	1.32949	0.12079	0.01047	0.0628	5.37E-03	3.60E-03	6.68E-05	1.98E-04	9.24E-03	4.89E-03	0.00E+00	8.90E-07	5.41E-06	4.89E-03	6.22E-03	3.60E-03	6.68E-05	1.98E-04	1.01E-02
100	486683.18, 3855793.15	1.29572	0.12029	0.01102	0.06164	5.24E-03	3.59E-03	7.03E-05	1.95E-04	9.09E-03	4.76E-03	0.00E+00	9.37E-07	5.31E-06	4.77E-03	6.06E-03	3.59E-03	7.03E-05	1.95E-04	9.91E-03
101	486733.18, 3855793.15	1.25739	0.11939	0.01158	0.06052	5.08E-03	3.56E-03	7.39E-05	1.91E-04	8.91E-03	4.62E-03	0.00E+00	9.85E-07	5.21E-06	4.63E-03	5.88E-03	3.56E-03	7.39E-05	1.91E-04	9.71E-03
102	486783.18, 3855793.15	1.22534	0.11879	0.012	0.05943	4.95E-03	3.54E-03	7.65E-05	1.88E-04	8.76E-03	4.50E-03	0.00E+00	1.02E-06	5.12E-06	4.51E-03	5.73E-03	3.54E-03	7.65E-05	1.88E-04	9.54E-03
103	486533.18, 3855843.15	1.57136	0.13202	0.00947	0.06702	6.35E-03	3.94E-03	6.04E-05	2.12E-04	1.06E-02	5.78E-03	0.00E+00	8.05E-07	5.77E-06	5.78E-03	7.35E-03	3.94E-03	6.04E-05	2.12E-04	1.16E-02
104	486583.18, 3855843.15	1.46789	0.128	0.00984	0.06578	5.93E-03	3.82E-03	6.28E-05	2.08E-04	1.00E-02	5.40E-03	0.00E+00	8.37E-07	5.66E-06	5.40E-03	6.86E-03	3.82E-03	6.28E-05	2.08E-04	1.10E-02
105	486633.18, 3855843.15	1.42588	0.12731	0.01024	0.06444	5.76E-03	3.80E-03	6.53E-05	2.03E-04	9.83E-03	5.24E-03	0.00E+00	8.71E-07	5.55E-06	5.25E-03	6.67E-03	3.80E-03	6.53E-05	2.03E-04	1.07E-02
106	486683.18, 3855843.15	1.38703	0.1267	0.01075	0.06314	5.61E-03	3.78E-03	6.86E-05	1.99E-04	9.65E-03	5.10E-03	0.00E+00	9.14E-07	5.44E-06	5.11E-03	6.49E-03	3.78E-03	6.86E-05	1.99E-04	1.05E-02
107	486733.18, 3855843.15	1.34979	0.12611	0.01129	0.06187	5.46E-03	3.76E-03	7.20E-05	1.95E-04	9.49E-03	4.96E-03	0.00E+00	9.60E-07	5.33E-06	4.97E-03	6.31E-03	3.76E-03	7.20E-05	1.95E-04	1.03E-02
108	486783.18, 3855843.15	1.31118	0.12527	0.0118	0.06067	5.30E-03	3.74E-03	7.53E-05	1.92E-04	9.30E-03	4.82E-03	0.00E+00	1.00E-06	5.22E-06	4.83E-03	6.13E-03	3.74E-03	7.53E-05	1.92E-04	1.01E-02
109	486533.18, 3855893.15	1.63878	0.13635	0.00965	0.06874	6.62E-03	4.07E-03	6.16E-05	2.17E-04	1.10E-02	6.02E-03	0.00E+00	8.21E-07	5.92E-06	6.03E-03	7.66E-03	4.07E-03	6.16E-05	2.17E-04	1.20E-02
110	486583.18, 3855893.15	1.58264	0.13529	0.00979	0.06722	6.40E-03	4.04E-03	6.24E-05	2.12E-04	1.07E-02	5.82E-03	0.00E+00	8.33E-07	5.79E-06	5.83E-03	7.40E-03	4.04E-03	6.24E-05	2.12E-04	1.17E-02
111	486633.18, 3855893.15	1.52789	0.13411	0.01009	0.06575	6.18E-03	4.00E-03	6.44E-05	2.08E-04	1.04E-02	5.62E-03	0.00E+00	8.58E-07	5.66E-06	5.62E-03	7.15E-03	4.00E-03	6.44E-05	2.08E-04	1.14E-02
112	486683.18, 3855893.15	1.48322	0.13336	0.01052	0.06432	6.00E-03	3.98E-03	6.71E-05	2.03E-04	1.02E-02	5.45E-03	0.00E+00	8.95E-07	5.54E-06	5.46E-03	6.94E-03	3.98E-03	6.71E-05	2.03E-04	1.12E-02
113	486733.18, 3855893.15	1.44092	0.13263	0.01105	0.06294	5.82E-03	3.96E-03	7.05E-05	1.99E-04	1.01E-02	5.30E-03	0.00E+00	9.40E-07	5.42E-06	5.30E-03	6.74E-03	3.96E-03	7.05E-05	1.99E-04	1.10E-02
114	486783.18, 3855893.15	1.40546	0.13226	0.01155	0.0616	5.68E-03	3.95E-03	7.37E-05	1.94E-04	9.90E-03	5.17E-03	0.00E+00	9.82E-07	5.30E-06	5.17E-03	6.57E-03	3.95E-03	7.37E-05	1.94E-04	1.08E-02

115	486533.18, 3855943.15	1.74974	0.14295	0.00981	0.06999	7.07E-03	4.26E-03	6.26E-05	2.21E-04	1.16E-02	6.43E-03	0.00E+00	8.34E-07	6.03E-06	6.44E-03	8.18E-03	4.26E-03	6.26E-05	2.21E-04	1.27E-02
116	486583.18, 3855943.15	1.70632	0.14287	0.00982	0.06828	6.90E-03	4.26E-03	6.26E-05	2.16E-04	1.14E-02	6.27E-03	0.00E+00	8.35E-07	5.88E-06	6.28E-03	7.98E-03	4.26E-03	6.26E-05	2.16E-04	1.25E-02
117	486633.18, 3855943.15	1.63761	0.14118	0.01003	0.06671	6.62E-03	4.21E-03	6.40E-05	2.11E-04	1.11E-02	6.02E-03	0.00E+00	8.53E-07	5.74E-06	6.03E-03	7.66E-03	4.21E-03	6.40E-05	2.11E-04	1.21E-02
118	486683.18, 3855943.15	1.5929	0.14072	0.01034	0.06515	6.44E-03	4.20E-03	6.60E-05	2.06E-04	1.09E-02	5.86E-03	0.00E+00	8.79E-07	5.61E-06	5.86E-03	7.45E-03	4.20E-03	6.60E-05	2.06E-04	1.19E-02
119	486733.18, 3855943.15	1.53842	0.13947	0.01082	0.06369	6.22E-03	4.16E-03	6.90E-05	2.01E-04	1.06E-02	5.66E-03	0.00E+00	9.20E-07	5.48E-06	5.66E-03	7.19E-03	4.16E-03	6.90E-05	2.01E-04	1.16E-02
120	486783.18, 3855943.15	1.50041	0.13916	0.01131	0.06225	6.06E-03	4.15E-03	7.21E-05	1.97E-04	1.05E-02	5.52E-03	0.00E+00	9.62E-07	5.36E-06	5.52E-03	7.02E-03	4.15E-03	7.21E-05	1.97E-04	1.14E-02
121	486533.18, 3855993.15	1.88964	0.15075	0.00997	0.07082	7.64E-03	4.50E-03	6.36E-05	2.24E-04	1.24E-02	6.95E-03	0.00E+00	8.48E-07	6.10E-06	6.95E-03	8.84E-03	4.50E-03	6.36E-05	2.24E-04	1.36E-02
122	486583.18, 3855993.15	1.82268	0.14974	0.00996	0.06903	7.37E-03	4.47E-03	6.35E-05	2.18E-04	1.21E-02	6.70E-03	0.00E+00	8.47E-07	5.94E-06	6.71E-03	8.52E-03	4.47E-03	6.35E-05	2.18E-04	1.33E-02
123	486633.18, 3855993.15	1.75649	0.14853	0.01005	0.06733	7.10E-03	4.43E-03	6.41E-05	2.13E-04	1.18E-02	6.46E-03	0.00E+00	8.55E-07	5.80E-06	6.46E-03	8.21E-03	4.43E-03	6.41E-05	2.13E-04	1.29E-02
124	486683.18, 3855993.15	1.70391	0.1479	0.01026	0.06568	6.89E-03	4.41E-03	6.54E-05	2.07E-04	1.16E-02	6.26E-03	0.00E+00	8.73E-07	5.66E-06	6.27E-03	7.97E-03	4.41E-03	6.54E-05	2.07E-04	1.27E-02
125	486733.18, 3855993.15	1.64556	0.14672	0.01065	0.06414	6.65E-03	4.38E-03	6.79E-05	2.03E-04	1.13E-02	6.05E-03	0.00E+00	9.06E-07	5.52E-06	6.06E-03	7.70E-03	4.38E-03	6.79E-05	2.03E-04	1.23E-02
126	486783.18, 3855993.15	1.59608	0.14592	0.01112	0.06265	6.45E-03	4.35E-03	7.09E-05	1.98E-04	1.11E-02	5.87E-03	0.00E+00	9.46E-07	5.39E-06	5.87E-03	7.46E-03	4.35E-03	7.09E-05	1.98E-04	1.21E-02
127	486533.18, 3856043.15	2.03527	0.15845	0.01013	0.07133	8.23E-03	4.73E-03	6.46E-05	2.25E-04	1.32E-02	7.48E-03	0.00E+00	8.62E-07	6.14E-06	7.49E-03	9.52E-03	4.73E-03	6.46E-05	2.25E-04	1.45E-02
128	486583.18, 3856043.15	1.96555	0.15773	0.0101	0.06943	7.95E-03	4.71E-03	6.44E-05	2.19E-04	1.29E-02	7.23E-03	0.00E+00	8.59E-07	5.98E-06	7.23E-03	9.19E-03	4.71E-03	6.44E-05	2.19E-04	1.42E-02
129	486633.18, 3856043.15	1.88392	0.15605	0.01015	0.06767	7.62E-03	4.66E-03	6.47E-05	2.14E-04	1.25E-02	6.93E-03	0.00E+00	8.63E-07	5.83E-06	6.93E-03	8.81E-03	4.66E-03	6.47E-05	2.14E-04	1.37E-02
130	486683.18, 3856043.15	1.82644	0.15551	0.01026	0.06595	7.38E-03	4.64E-03	6.54E-05	2.08E-04	1.23E-02	6.71E-03	0.00E+00	8.73E-07	5.68E-06	6.72E-03	8.54E-03	4.64E-03	6.54E-05	2.08E-04	1.35E-02
131	486733.18, 3856043.15	1.75665	0.15396	0.01055	0.06436	7.10E-03	4.59E-03	6.73E-05	2.03E-04	1.20E-02	6.46E-03	0.00E+00	8.97E-07	5.54E-06	6.46E-03	8.22E-03	4.59E-03	6.73E-05	2.03E-04	1.31E-02
132	486783.18, 3856043.15	1.70844	0.15363	0.01093	0.0628	6.91E-03	4.58E-03	6.97E-05	1.98E-04	1.18E-02	6.28E-03	0.00E+00	9.30E-07	5.41E-06	6.29E-03	7.99E-03	4.58E-03	6.97E-05	1.98E-04	1.28E-02
133	486533.18, 3856093.15	2.20956	0.16707	0.01024	0.07153	8.93E-03	4.98E-03	6.53E-05	2.26E-04	1.42E-02	8.12E-03	0.00E+00	8.71E-07	6.16E-06	8.13E-03	1.03E-02	4.98E-03	6.53E-05	2.26E-04	1.56E-02
134	486583.18, 3856093.15	2.11525	0.1656	0.01027	0.06961	8.55E-03	4.94E-03	6.55E-05	2.20E-04	1.38E-02	7.78E-03	0.00E+00	8.73E-07	5.99E-06	7.78E-03	9.89E-03	4.94E-03	6.55E-05	2.20E-04	1.51E-02
135	486633.18, 3856093.15	2.02686	0.16403	0.01029	0.06778	8.19E-03	4.89E-03	6.56E-05	2.14E-04	1.34E-02	7.45E-03	0.00E+00	8.75E-07	5.84E-06	7.46E-03	9.48E-03	4.89E-03	6.56E-05	2.14E-04	1.47E-02
136	486683.18, 3856093.15	1.95547	0.16311	0.01035	0.06603	7.90E-03	4.87E-03	6.60E-05	2.08E-04	1.30E-02	7.19E-03	0.00E+00	8.80E-07	5.69E-06	7.20E-03	9.14E-03	4.87E-03	6.60E-05	2.08E-04	1.43E-02
137	486733.18, 3856093.15	1.88106	0.16171	0.01053	0.06439	7.60E-03	4.82E-03	6.72E-05	2.03E-04	1.27E-02	6.92E-03	0.00E+00	8.96E-07	5.54E-06	6.92E-03	8.80E-03	4.82E-03	6.72E-05	2.03E-04	1.39E-02
138	486783.18, 3856093.15	1.82027	0.16094	0.01084	0.06282	7.36E-03	4.80E-03	6.91E-05	1.98E-04	1.24E-02	6.69E-03	0.00E+00	9.22E-07	5.41E-06	6.70E-03	8.51E-03	4.80E-03	6.91E-05	1.98E-04	1.36E-02
139	486533.18, 3856143.15	2.39063	0.17534	0.01032	0.07158	9.66E-03	5.23E-03	6.58E-05	2.26E-04	1.52E-02	8.79E-03	0.00E+00	8.78E-07	6.16E-06	8.80E-03	1.12E-02	5.23E-03	6.58E-05	2.26E-04	1.67E-02
140	486583.18, 3856143.15	2.27144	0.17322	0.01044	0.06963	9.18E-03	5.17E-03	6.66E-05	2.20E-04	1.46E-02	8.35E-03	0.00E+00	8.88E-07	6.00E-06	8.36E-03	1.06E-02	5.17E-03	6.66E-05	2.20E-04	1.61E-02
141	486633.18, 3856143.15	2.18154	0.17212	0.01046	0.06775	8.82E-03	5.13E-03	6.67E-05	2.14E-04	1.42E-02	8.02E-03	0.00E+00	8.90E-07	5.83E-06	8.03E-03	1.02E-02	5.13E-03	6.67E-05	2.14E-04	1.56E-02
142	486683.18, 3856143.15	2.09393	0.17078	0.0105	0.06597	8.46E-03	5.09E-03	6.70E-05	2.08E-04	1.38E-02	7.70E-03	0.00E+00	8.93E-07	5.68E-06	7.70E-03	9.79E-03	5.09E-03	6.70E-05	2.08E-04	1.52E-02
143	486733.18, 3856143.15	2.01324	0.16949	0.0106	0.0643	8.14E-03	5.06E-03	6.76E-05	2.03E-04	1.35E-02	7.40E-03	0.00E+00	9.01E-07	5.54E-06	7.41E-03	9.42E-03	5.06E-03	6.76E-05	2.03E-04	1.47E-02
144	486783.18, 3856143.15	1.95295	0.16931	0.0108	0.06266	7.89E-03	5.05E-03	6.89E-05	1.98E-04	1.32E-02	7.18E-03	0.00E+00	9.19E-07	5.40E-06	7.19E-03	9.13E-03	5.05E-03	6.89E-05	1.98E-04	1.45E-02
145	486533.18, 3856193.15	2.60616	0.18435	0.01032	0.07147	1.05E-02	5.50E-03	6.58E-05	2.26E-04	1.63E-02	9.58E-03	0.00E+00	8.78E-07	6.15E-06	9.59E-03	1.22E-02	5.50E-03	6.58E-05	2.26E-04	1.80E-02
146	486583.18, 3856193.15	2.45675	0.18157	0.01054	0.06951	9.93E-03	5.42E-03	6.72E-05	2.19E-04	1.56E-02	9.03E-03	0.00E+00	8.96E-07	5.99E-06	9.04E-03	1.15E-02	5.42E-03	6.72E-05	2.19E-04	1.72E-02
147	486633.18, 3856193.15	2.35012	0.18027	0.01063	0.06759	9.50E-03	5.38E-03	6.78E-05	2.13E-04	1.52E-02	8.64E-03	0.00E+00	9.04E-07	5.82E-06	8.65E-03	1.10E-02	5.38E-03	6.78E-05	2.13E-04	1.66E-02
148	486683.18, 3856193.15	2.26322	0.17966	0.01064	0.06576	9.15E-03	5.36E-03	6.79E-05	2.08E-04	1.48E-02	8.32E-03	0.00E+00	9.05E-07	5.66E-06	8.33E-03	1.06E-02	5.36E-03	6.79E-05	2.08E-04	1.62E-02
149	486733.18, 3856193.15	2.1634	0.17783	0.01072	0.06406	8.74E-03	5.31E-03	6.84E-05	2.02E-04	1.43E-02	7.95E-03	0.00E+00	9.12E-07	5.52E-06	7.96E-03	1.01E-02	5.31E-03	6.84E-05	2.02E-04	1.57E-02
150	486783.18, 3856193.15	2.09192	0.17754	0.01084	0.0624	8.46E-03	5.30E-03	6.91E-05	1.97E-04	1.40E-02	7.69E-03	0.00E+00	9.22E-07	5.37E-06	7.70E-03	9.78E-03	5.30E-03	6.91E-05	1.97E-04	1.53E-02
151	486533.18, 3856243.15	2.84083	0.19306	0.01029	0.07126	1.15E-02	5.76E-03	6.56E-05	2.25E-04	1.75E-02	1.04E-02	0.00E+00	8.75E-07	6.14E-06	1.05E-02	1.33E-02	5.76E-03	6.56E-05	2.25E-04	1.93E-02
152	486583.18, 3856243.15	2.68338	0.19093	0.01056	0.06923	1.08E-02	5.70E-03	6.74E-05	2.19E-04	1.68E-02	9.87E-03	0.00E+00	8.98E-07	5.96E-06	9.87E-03	1.25E-02	5.70E-03	6.74E-05	2.19E-04	1.85E-02
153	486633.18, 3856243.15	2.54709	0.18903	0.01074	0.06729	1.03E-02	5.64E-03	6.85E-05	2.12E-04	1.62E-02	9.36E-03	0.00E+00	9.13E-07	5.79E-06	9.37E-03	1.19E-02	5.64E-03	6.85E-05	2.12E-04	1.78E-02
154	486683.18, 3856243.15	2.4334	0.1877	0.01083	0.06544	9.84E-03	5.60E-03	6.91E-05	2.07E-04	1.57E-02	8.95E-03	0.00E+00	9.21E-07	5.64E-06	8.95E-03	1.14E-02	5.60E-03	6.91E-05	2.07E-04	1.73E-02
155	486733.18, 3856243.15	2.33556	0.18682	0.01087	0.06367	9.44E-03	5.57E-03	6.93E-05	2.01E-04	1.53E-02	8.59E-03	0.00E+00	9.24E-07	5.48E-06	8.59E-03	1.09E-02	5.57E-03	6.93E-05	2.01E-04	1.68E-02
156	486783.18, 3856243.15	2.2368	0.1854	0.01097	0.06201	9.04E-03	5.53E-03	7.00E-05	1.96E-04	1.48E-02	8.22E-03	0.00E+00	9.33E-07	5.34E-06	8.23E-03	1.05E-02	5.53E-03	7.00E-05	1.96E-04	1.63E-02
157	486533.18, 3856293.15	3.12501	0.20239	0.01021	0.07086	1.26E-02	6.04E-03	6.51E-05	2.24E-04	1.90E-02	1.15E-02	0.00E+00	8.68E-07	6.10E-06	1.15E-02	1.46E-02	6.04E-03	6.51E-05	2.24E-04	2.09E-02
158	486583.18, 3856293.15	2.93074	0.1999	0.01054	0.06879	1.18E-02	5.96E-03	6.72E-05	2.17E-04	1.81E-02	1.08E-02	0.00E+00	8.96E-07	5.92E-06	1.08E-02	1.37E-02	5.96E-03	6.72E-05	2.17E-04	2.00E-02
159	486633.18, 3856293.15	2.77114	0.19799	0.0108	0.06681	1.12E-02	5.91E-03	6.89E-05	2.11E-04	1.74E-02	1.02E-02	0.00E+00	9.19E-07	5.75E-06	1.02E-02	1.30E-02	5.91E-03	6.89E-05	2.11E-04	1.91E-02
160	486683.18, 3856293.15	2.63298	0.19635	0.01096	0.06493	1.06E-02	5.86E-03	6.99E-05	2.05E-04	1.68E-02	9.68E-03	0.00E+00	9.32E-07	5.59E-06	9.69E-03	1.23E-02	5.86E-03	6.99E-05	2.05E-04	1.84E-02
161	486733.18, 3856293.15	2.52186	0.19566	0.01104	0.06311	1.02E-02	5.84E-03	7.04E-05	1.99E-04	1.63E-02	9.27E-03	0.00E+00	9.39E-07	5.43E-06	9.28E-03	1.18E-02	5.84E-03	7.04E-05	1.99E-04	1.79E-02
162	486783.18, 3856293.15	2.40484	0.19398	0.01113	0.06142	9.72E-03	5.79E-03	7.10E-05	1.94E-04	1.58E-02	8.84E-03	0.00E+00	9.47E-07	5.29E-06	8.85E-03	1.12E-02	5.79E-03	7.10E-05	1.94E-04	1.73E-02
163	486783.18, 3856343.15	2.60459	0.20359	0.01129	0.06058	1.05E-02	6.07E-03	7.20E-05	1.91E-04	1.69E-02	9.58E-03	0.00E+00	9.60E-07	5.22E-06	9.58E-03	1.22E-02	6.07E-03	7.20E-05	1.91E-04	1.85E-02
164	486833.18, 3856343.15	2.48339	0.20219	0.01141	0.05895	1.00E-02	6.03E-03	7.28E-05	1.86E-04	1.63E-02	9.13E-03	0.00E+00	9.70E-07	5.08E-06	9.14E-03	1.16E-02	6.03E-03	7.28E-05	1.86E-04	1.79E-02
165	486883.18, 3856343.15	2.37346	0.20093	0.01159	0.05741	9.59E-03	5.99E-03	7.39E-05	1.81E-04	1.58E-02	8.73E-03	0.00E+00	9.86E-07	4.94E-06	8.73E-03	1.11E-02	5.99E-03	7.39E-05	1.81E-04	1.73E-02
166	486783.18, 3856393.15	2.80949	0.21183	0.01148	0.05953	1.14E-02	6.32E-03	7.32E-05	1.88E-04	1.79E-02	1.03E-02	0.00E+00	9.76E-07	5.13E-06	1.03E-02	1.31E-02	6.32E-03	7.32E-05	1.88E-04	1.97E-02
167	486833.18, 3856393.15	2.67013	0.2105	0.01161	0.05789	1.08E-02	6.28E-03	7.41E-05	1.83E-04	1.73E-02	9.82E-03	0.00E+00	9.87E-07	4.98E-06	9.82E-03	1.25E-02	6.28E-03	7.41E-05	1.83E-04	1.90E-02
168	486883.18, 3856393.15	2.53452	0.20836	0.01177	0.05637	1.02E-02	6.22E-03	7.51E-05	1.78E-04	1.67E-02	9.32E-03	0.00E+00	1.00E-06	4.85E-06	9.32E-03	1.19E-02	6.22E-03	7.51E-05	1.78E-04	1.83E-02
169	487208.74, 3856886.11	3.55383	0.27209	0.01684	0.03453	1.44E-02	8.12E-03	1.07E-04	1.09E-04	2.27E-02	1.31E-02	0.00E+00	1.43E-06	2.97E-06	1.31E-02	1.66E-02	8.12E-03	1.07E-04	1.09E-04	2.50E-02
170	487258.74, 3856886.11	3.25915	0.26834	0.01742	0.03409	1.32E-02	8.01E-03	1.11E-04	1.08E-04	2.14E-02	1.20E-02	0.00E+00	1.48E-06	2.94E-06	1.20E-02	1.52E-02	8.01E-03	1.11E-04	1.08E-04	2.35E-02
171	487308.74, 3856886.11	3.00458	0.26498	0.01812	0.03367	1.21E-02	7.91E-03	1.16E-04	1.06E-04	2.03E-02	1.10E-02	0.00E+00	1.54E-06	2.90E-06	1.11E-02	1.41E-02	7.91E-03	1.16E-04	1.06E-04	2.22E-02
172	487358.74, 3856886.11	2.78243	0.26116	0.01897	0.0333	1.12E-02	7.79E-03	1.21E-04	1.05E-04	1.93E-02	1.02E-02	0.00E+00	1.61E-06	2.87E-06	1.02E-02	1.30E-02	7.79E-03	1.21E-04	1.05E-04	2.10E-02
173	487208.74, 3856936.11	3.83207	0.2793	0.01735	0.0333	1.55E-02	8.33E-03	1.11E-04	1.05E-04	2.40E-02	1.41E-02	0.00E+00	1.48E-06	2.87E-06	1.41E-02	1.79E-02	8.33E-03	1.11E-04	1.05E-04	2.65E-02

174	487258.74, 3856936.11	3.45643	0.27543	0.01793	0.0329	1.40E-02	8.22E-03	1.14E-04	1.04E-04	2.24E-02	1.27E-02	0.00E+00	1.52E-06	2.83E-06	1.27E-02	1.62E-02	8.22E-03	1.14E-04	1.04E-04	2.46E-02
175	487308.74, 3856936.11	3.13802	0.27206	0.01861	0.03253	1.27E-02	8.12E-03	1.19E-04	1.03E-04	2.10E-02	1.15E-02	0.00E+00	1.58E-06	2.80E-06	1.15E-02	1.47E-02	8.12E-03	1.19E-04	1.03E-04	2.30E-02
176	487358.74, 3856936.11	2.86819	0.2684	0.01944	0.0322	1.16E-02	8.01E-03	1.24E-04	1.02E-04	1.98E-02	1.05E-02	0.00E+00	1.65E-06	2.77E-06	1.05E-02	1.34E-02	8.01E-03	1.24E-04	1.02E-04	2.16E-02
177	487208.74, 3856986.11	4.07306	0.28625	0.01791	0.03214	1.65E-02	8.54E-03	1.14E-04	1.01E-04	2.52E-02	1.50E-02	0.00E+00	1.52E-06	2.77E-06	1.50E-02	1.90E-02	8.54E-03	1.14E-04	1.01E-04	2.78E-02
178	487258.74, 3856986.11	3.57751	0.2831	0.01851	0.03178	1.45E-02	8.45E-03	1.18E-04	1.00E-04	2.31E-02	1.32E-02	0.00E+00	1.57E-06	2.74E-06	1.32E-02	1.67E-02	8.45E-03	1.18E-04	1.00E-04	2.54E-02
179	487308.74, 3856986.11	3.19361	0.27864	0.0192	0.03147	1.29E-02	8.31E-03	1.22E-04	9.94E-05	2.14E-02	1.17E-02	0.00E+00	1.63E-06	2.71E-06	1.17E-02	1.49E-02	8.31E-03	1.22E-04	9.94E-05	2.35E-02
180	487358.74, 3856986.11	2.87645	0.27556	0.02	0.03118	1.16E-02	8.22E-03	1.28E-04	9.84E-05	2.01E-02	1.06E-02	0.00E+00	1.70E-06	2.68E-06	1.06E-02	1.35E-02	8.22E-03	1.28E-04	9.84E-05	2.19E-02
181	487208.74, 3857036.11	4.06288	0.29274	0.01854	0.03105	1.64E-02	8.73E-03	1.18E-04	9.80E-05	2.54E-02	1.49E-02	0.00E+00	1.58E-06	2.67E-06	1.49E-02	1.90E-02	8.73E-03	1.18E-04	9.80E-05	2.80E-02
182	487258.74, 3857036.11	3.5029	0.289	0.01917	0.03074	1.42E-02	8.62E-03	1.22E-04	9.71E-05	2.30E-02	1.29E-02	0.00E+00	1.63E-06	2.65E-06	1.29E-02	1.64E-02	8.62E-03	1.22E-04	9.71E-05	2.52E-02
183	487308.74, 3857036.11	3.08211	0.28589	0.01987	0.03047	1.25E-02	8.53E-03	1.27E-04	9.62E-05	2.12E-02	1.13E-02	0.00E+00	1.69E-06	2.62E-06	1.13E-02	1.44E-02	8.53E-03	1.27E-04	9.62E-05	2.32E-02
184	487358.74, 3857036.11	2.75835	0.28228	0.02067	0.03023	1.11E-02	8.42E-03	1.32E-04	9.54E-05	1.98E-02	1.01E-02	0.00E+00	1.76E-06	2.60E-06	1.01E-02	1.29E-02	8.42E-03	1.32E-04	9.54E-05	2.15E-02
185	487427.14, 3856878.23	2.50533	0.25669	0.0202	0.03296	1.01E-02	7.66E-03	1.29E-04	1.04E-04	1.80E-02	9.21E-03	0.00E+00	1.72E-06	2.84E-06	9.22E-03	1.17E-02	7.66E-03	1.29E-04	1.04E-04	1.96E-02
186	487477.14, 3856878.23	2.34021	0.25385	0.0212	0.03261	9.46E-03	7.57E-03	1.35E-04	1.03E-04	1.73E-02	8.60E-03	0.00E+00	1.80E-06	2.81E-06	8.61E-03	1.09E-02	7.57E-03	1.35E-04	1.03E-04	1.88E-02
187	487527.14, 3856878.23	2.19286	0.25075	0.02224	0.03226	8.86E-03	7.48E-03	1.42E-04	1.02E-04	1.66E-02	8.06E-03	0.00E+00	1.89E-06	2.78E-06	8.07E-03	1.03E-02	7.48E-03	1.42E-04	1.02E-04	1.80E-02
188	487427.14, 3856928.23	2.55406	0.2634	0.02071	0.03192	1.03E-02	7.86E-03	1.32E-04	1.01E-04	1.84E-02	9.39E-03	0.00E+00	1.76E-06	2.75E-06	9.39E-03	1.19E-02	7.86E-03	1.32E-04	1.01E-04	2.00E-02
189	487477.14, 3856928.23	2.36815	0.25967	0.0218	0.03162	9.57E-03	7.75E-03	1.39E-04	9.98E-05	1.76E-02	8.71E-03	0.00E+00	1.85E-06	2.72E-06	8.71E-03	1.11E-02	7.75E-03	1.39E-04	9.98E-05	1.91E-02
190	487527.14, 3856928.23	2.20351	0.25677	0.02292	0.03131	8.91E-03	7.66E-03	1.46E-04	9.89E-05	1.68E-02	8.10E-03	0.00E+00	1.95E-06	2.70E-06	8.11E-03	1.03E-02	7.66E-03	1.46E-04	9.89E-05	1.82E-02
191	487577.14, 3856928.23	2.05858	0.25388	0.02411	0.03101	8.32E-03	7.57E-03	1.54E-04	9.79E-05	1.61E-02	7.57E-03	0.00E+00	2.05E-06	2.67E-06	7.57E-03	9.63E-03	7.57E-03	1.54E-04	9.79E-05	1.75E-02
192	487627.14, 3856928.23	1.93156	0.25032	0.02543	0.03075	7.81E-03	7.47E-03	1.62E-04	9.71E-05	1.55E-02	7.10E-03	0.00E+00	2.16E-06	2.65E-06	7.11E-03	9.03E-03	7.47E-03	1.62E-04	9.71E-05	1.68E-02
193	487677.14, 3856928.23	1.81596	0.24812	0.02688	0.03049	7.34E-03	7.40E-03	1.71E-04	9.63E-05	1.50E-02	6.68E-03	0.00E+00	2.29E-06	2.63E-06	6.68E-03	8.49E-03	7.40E-03	1.71E-04	9.63E-05	1.62E-02
194	487727.14, 3856928.23	1.71198	0.24619	0.0283	0.03026	6.92E-03	7.34E-03	1.81E-04	9.55E-05	1.45E-02	6.29E-03	0.00E+00	2.41E-06	2.61E-06	6.30E-03	8.01E-03	7.34E-03	1.81E-04	9.55E-05	1.56E-02
195	487777.14, 3856928.23	1.61966	0.24353	0.02941	0.03005	6.55E-03	7.27E-03	1.88E-04	9.49E-05	1.41E-02	5.95E-03	0.00E+00	2.50E-06	2.59E-06	5.96E-03	7.57E-03	7.27E-03	1.88E-04	9.49E-05	1.51E-02
196	487427.14, 3856978.23	2.54395	0.26934	0.02128	0.03096	1.03E-02	8.04E-03	1.36E-04	9.78E-05	1.86E-02	9.35E-03	0.00E+00	1.81E-06	2.67E-06	9.36E-03	1.19E-02	8.04E-03	1.36E-04	9.78E-05	2.02E-02
197	487477.14, 3856978.23	2.33993	0.26621	0.02243	0.03069	9.46E-03	7.94E-03	1.43E-04	9.69E-05	1.76E-02	8.60E-03	0.00E+00	1.91E-06	2.64E-06	8.61E-03	1.09E-02	7.94E-03	1.43E-04	9.69E-05	1.91E-02
198	487527.14, 3856978.23	2.16542	0.26311	0.02365	0.03043	8.75E-03	7.85E-03	1.51E-04	9.61E-05	1.68E-02	7.96E-03	0.00E+00	2.01E-06	2.62E-06	7.97E-03	1.01E-02	7.85E-03	1.51E-04	9.61E-05	1.82E-02
199	487577.14, 3856978.23	2.01505	0.25987	0.02493	0.03019	8.15E-03	7.75E-03	1.59E-04	9.53E-05	1.62E-02	7.41E-03	0.00E+00	2.12E-06	2.60E-06	7.41E-03	9.42E-03	7.75E-03	1.59E-04	9.53E-05	1.74E-02
200	487627.14, 3856978.23	1.88514	0.2561	0.02629	0.02999	7.62E-03	7.64E-03	1.68E-04	9.47E-05	1.55E-02	6.93E-03	0.00E+00	2.24E-06	2.58E-06	6.94E-03	8.82E-03	7.64E-03	1.68E-04	9.47E-05	1.67E-02
201	487677.14, 3856978.23	1.76789	0.25371	0.0278	0.02979	7.15E-03	7.57E-03	1.77E-04	9.41E-05	1.50E-02	6.50E-03	0.00E+00	2.36E-06	2.57E-06	6.50E-03	8.27E-03	7.57E-03	1.77E-04	9.41E-05	1.61E-02
202	487727.14, 3856978.23	1.66823	0.24915	0.02938	0.02964	6.74E-03	7.43E-03	1.87E-04	9.36E-05	1.45E-02	6.13E-03	0.00E+00	2.50E-06	2.55E-06	6.14E-03	7.80E-03	7.43E-03	1.87E-04	9.36E-05	1.55E-02
203	487777.14, 3856978.23	1.57042	0.24944	0.03066	0.02945	6.35E-03	7.44E-03	1.96E-04	9.30E-05	1.41E-02	5.77E-03	0.00E+00	2.61E-06	2.54E-06	5.78E-03	7.34E-03	7.44E-03	1.96E-04	9.30E-05	1.51E-02
204	487427.14, 3857028.23	2.44085	0.27622	0.02192	0.03006	9.87E-03	8.24E-03	1.40E-04	9.49E-05	1.83E-02	8.97E-03	0.00E+00	1.86E-06	2.59E-06	8.98E-03	1.14E-02	8.24E-03	1.40E-04	9.49E-05	1.99E-02
205	487477.14, 3857028.23	2.23892	0.27266	0.02313	0.02984	9.05E-03	8.13E-03	1.48E-04	9.42E-05	1.74E-02	8.23E-03	0.00E+00	1.97E-06	2.57E-06	8.24E-03	1.05E-02	8.13E-03	1.48E-04	9.42E-05	1.88E-02
206	487527.14, 3857028.23	2.06926	0.26894	0.02444	0.02964	8.36E-03	8.02E-03	1.56E-04	9.36E-05	1.66E-02	7.61E-03	0.00E+00	2.08E-06	2.55E-06	7.61E-03	9.68E-03	8.02E-03	1.56E-04	9.36E-05	1.79E-02
207	487577.14, 3857028.23	1.92275	0.26575	0.02582	0.02946	7.77E-03	7.93E-03	1.65E-04	9.30E-05	1.60E-02	7.07E-03	0.00E+00	2.20E-06	2.54E-06	7.07E-03	8.99E-03	7.93E-03	1.65E-04	9.30E-05	1.72E-02
208	487627.14, 3857028.23	1.79856	0.2616	0.02727	0.02932	7.27E-03	7.80E-03	1.74E-04	9.26E-05	1.53E-02	6.61E-03	0.00E+00	2.32E-06	2.52E-06	6.62E-03	8.41E-03	7.80E-03	1.74E-04	9.26E-05	1.65E-02
209	487677.14, 3857028.23	1.68678	0.25882	0.02885	0.02919	6.82E-03	7.72E-03	1.84E-04	9.22E-05	1.48E-02	6.20E-03	0.00E+00	2.45E-06	2.51E-06	6.21E-03	7.89E-03	7.72E-03	1.84E-04	9.22E-05	1.59E-02
210	487727.14, 3857028.23	1.58635	0.25695	0.03051	0.02906	6.41E-03	7.67E-03	1.95E-04	9.18E-05	1.44E-02	5.83E-03	0.00E+00	2.59E-06	2.50E-06	5.84E-03	7.42E-03	7.67E-03	1.95E-04	9.18E-05	1.54E-02
211	487777.14, 3857028.23	1.49835	0.25451	0.03204	0.02895	6.06E-03	7.59E-03	2.04E-04	9.14E-05	1.39E-02	5.51E-03	0.00E+00	2.72E-06	2.49E-06	5.51E-03	7.01E-03	7.59E-03	2.04E-04	9.14E-05	1.49E-02
212	487427.14, 3857078.23	2.2458	0.28245	0.02267	0.02923	9.08E-03	8.43E-03	1.45E-04	9.23E-05	1.77E-02	8.26E-03	0.00E+00	1.93E-06	2.52E-06	8.26E-03	1.05E-02	8.43E-03	1.45E-04	9.23E-05	1.92E-02
213	487477.14, 3857078.23	2.06781	0.27839	0.0239	0.02907	8.36E-03	8.31E-03	1.52E-04	9.18E-05	1.69E-02	7.60E-03	0.00E+00	2.03E-06	2.50E-06	7.61E-03	9.67E-03	8.31E-03	1.52E-04	9.18E-05	1.82E-02
214	487527.14, 3857078.23	1.91552	0.27492	0.0253	0.02893	7.74E-03	8.20E-03	1.61E-04	9.13E-05	1.62E-02	7.04E-03	0.00E+00	2.15E-06	2.49E-06	7.05E-03	8.96E-03	8.20E-03	1.61E-04	9.13E-05	1.74E-02
215	487577.14, 3857078.23	1.78556	0.27135	0.02681	0.02882	7.22E-03	8.10E-03	1.71E-04	9.10E-05	1.56E-02	6.56E-03	0.00E+00	2.28E-06	2.48E-06	6.57E-03	8.35E-03	8.10E-03	1.71E-04	9.10E-05	1.67E-02
216	487627.14, 3857078.23	1.67371	0.26754	0.02838	0.02874	6.77E-03	7.98E-03	1.81E-04	9.07E-05	1.50E-02	6.15E-03	0.00E+00	2.41E-06	2.47E-06	6.16E-03	7.83E-03	7.98E-03	1.81E-04	9.07E-05	1.61E-02
217	487677.14, 3857078.23	1.57386	0.26455	0.03005	0.02868	6.36E-03	7.89E-03	1.92E-04	9.06E-05	1.45E-02	5.79E-03	0.00E+00	2.56E-06	2.47E-06	5.79E-03	7.36E-03	7.89E-03	1.92E-04	9.06E-05	1.55E-02
218	487727.14, 3857078.23	1.48461	0.26207	0.03183	0.02861	6.00E-03	7.82E-03	2.03E-04	9.03E-05	1.41E-02	5.46E-03	0.00E+00	2.71E-06	2.46E-06	5.46E-03	6.94E-03	7.82E-03	2.03E-04	9.03E-05	1.51E-02
219	487777.14, 3857078.23	1.40663	0.25894	0.03357	0.02855	5.69E-03	7.73E-03	2.14E-04	9.01E-05	1.37E-02	5.17E-03	0.00E+00	2.86E-06	2.46E-06	5.18E-03	6.58E-03	7.73E-03	2.14E-04	9.01E-05	1.46E-02
220	487427.14, 3857128.23	1.98386	0.28857	0.02355	0.0285	8.02E-03	8.61E-03	1.50E-04	9.00E-05	1.69E-02	7.29E-03	0.00E+00	2.00E-06	2.45E-06	7.30E-03	9.28E-03	8.61E-03	1.50E-04	9.00E-05	1.81E-02
221	487477.14, 3857128.23	1.84456	0.28411	0.02479	0.0284	7.46E-03	8.48E-03	1.58E-04	8.97E-05	1.62E-02	6.78E-03	0.00E+00	2.11E-06	2.45E-06	6.79E-03	8.63E-03	8.48E-03	1.58E-04	8.97E-05	1.74E-02
222	487527.14, 3857128.23	1.724	0.2799	0.02624	0.02834	6.97E-03	8.35E-03	1.67E-04	8.95E-05	1.56E-02	6.34E-03	0.00E+00	2.23E-06	2.44E-06	6.34E-03	8.06E-03	8.35E-03	1.67E-04	8.95E-05	1.67E-02
223	487577.14, 3857128.23	1.61708	0.27648	0.02788	0.0283	6.54E-03	8.25E-03	1.78E-04	8.94E-05	1.51E-02	5.95E-03	0.00E+00	2.37E-06	2.44E-06	5.95E-03	7.56E-03	8.25E-03	1.78E-04	8.94E-05	1.61E-02
224	487627.14, 3857128.23	1.52287	0.27327	0.0296	0.02828	6.16E-03	8.15E-03	1.89E-04	8.93E-05	1.46E-02	5.60E-03	0.00E+00	2.52E-06	2.44E-06	5.60E-03	7.12E-03	8.15E-03	1.89E-04	8.93E-05	1.56E-02
225	487677.14, 3857128.23	1.44106	0.26948	0.03141	0.02828	5.83E-03	8.04E-03	2.00E-04	8.93E-05	1.42E-02	5.30E-03	0.00E+00	2.67E-06	2.44E-06	5.30E-03	6.74E-03	8.04E-03	2.00E-04	8.93E-05	1.51E-02
226	487727.14, 3857128.23	1.36427	0.26747	0.03333	0.02827	5.51E-03	7.98E-03	2.13E-04	8.93E-05	1.38E-02	5.02E-03	0.00E+00	2.83E-06	2.43E-06	5.02E-03	6.38E-03	7.98E-03	2.13E-04	8.93E-05	1.47E-02
227	487777.14, 3857128.23	1.29816	0.26418	0.03526	0.02825	5.25E-03	7.88E-03	2.25E-04	8.92E-05	1.34E-02	4.77E-03	0.00E+00	3.00E-06	2.43E-06	4.78E-03	6.07E-03	7.88E-03	2.25E-04	8.92E-05	1.43E-02
228	488049.44, 3856539.39	1.22631	0.19205	0.01747	0.03354	4.96E-03	5.73E-03	1.11E-04	1.06E-04	1.09E-02	4.51E-03	0.00E+00	1.49E-06	2.89E-06	4.51E-03	5.73E-03	5.73E-03	1.11E-04	1.06E-04	1.17E-02
229	488099.44, 3856539.39	1.18886	0.18954	0.01702	0.03312	4.81E-03	5.65E-03	1.09E-04	1.05E-04	1.07E-02	4.37E-03	0.00E+00	1.45E-06	2.85E-06	4.38E-03	5.56E-03	5.65E-03	1.09E-04	1.05E-04	1.14E-02
230	488149.44, 3856539.39	1.15321	0.18773	0.0169	0.03272	4.66E-03	5.60E-03	1.08E-04	1.03E-04	1.05E-02	4.24E-03	0.00E+00	1.44E-06	2.82E-06	4.24E-03	5.39E-03	5.60E-03	1.08E-04	1.03E-04	1.12E-02
231	488049.44, 3856589.39	1.24989	0.19766	0.01828	0.03284	5.05E-03	5.90E-03	1.17E-04	1.04E-04	1.12E-02	4.60E-03	0.00E+00	1.55E-06	2.83E-06	4.60E-03	5.85E-03	5.90E-03	1.17E-04	1.04E-04	1.20E-02
232	488099.44, 3856589.39	1.2099	0.19522	0.0178	0.03245	4.89E-03	5.82E-03	1.14E-04	1.02E-04	1.09E-02	4.45E-03	0.00E+00	1.51E-06	2.79E-06	4.45E-03	5.66E-03	5.82E-03	1.14E-04	1.02E-04	1.17E-02

233	488149.44, 3856589.39	1.1718	0.19301	0.01767	0.03209	4.74E-03	5.76E-03	1.13E-04	1.01E-04	1.07E-02	4.31E-03	0.00E+00	1.50E-06	2.76E-06	4.31E-03	5.48E-03	5.76E-03	1.13E-04	1.01E-04	1.15E-02
234	488199.44, 3856589.39	1.13542	0.19041	0.01783	0.03176	4.59E-03	5.68E-03	1.14E-04	1.00E-04	1.05E-02	4.17E-03	0.00E+00	1.52E-06	2.73E-06	4.18E-03	5.31E-03	5.68E-03	1.14E-04	1.00E-04	1.12E-02
235	488249.44, 3856589.39	1.10082	0.18981	0.01821	0.03143	4.45E-03	5.66E-03	1.16E-04	9.92E-05	1.03E-02	4.05E-03	0.00E+00	1.55E-06	2.71E-06	4.05E-03	5.15E-03	5.66E-03	1.16E-04	9.92E-05	1.10E-02
236	488049.44, 3856639.39	1.26949	0.20293	0.01916	0.03217	5.13E-03	6.05E-03	1.22E-04	1.02E-04	1.14E-02	4.67E-03	0.00E+00	1.63E-06	2.77E-06	4.67E-03	5.94E-03	6.05E-03	1.22E-04	1.02E-04	1.22E-02
237	488099.44, 3856639.39	1.2269	0.20042	0.01865	0.03182	4.96E-03	5.98E-03	1.19E-04	1.00E-04	1.12E-02	4.51E-03	0.00E+00	1.59E-06	2.74E-06	4.52E-03	5.74E-03	5.98E-03	1.19E-04	1.00E-04	1.19E-02
238	488149.44, 3856639.39	1.18644	0.19802	0.01851	0.03149	4.80E-03	5.91E-03	1.18E-04	9.94E-05	1.09E-02	4.36E-03	0.00E+00	1.57E-06	2.71E-06	4.37E-03	5.55E-03	5.91E-03	1.18E-04	9.94E-05	1.17E-02
239	488199.44, 3856639.39	1.14774	0.19633	0.0187	0.03117	4.64E-03	5.86E-03	1.19E-04	9.84E-05	1.07E-02	4.22E-03	0.00E+00	1.59E-06	2.68E-06	4.22E-03	5.37E-03	5.86E-03	1.19E-04	9.84E-05	1.14E-02
240	488249.44, 3856639.39	1.11105	0.19439	0.01907	0.03087	4.49E-03	5.80E-03	1.22E-04	9.75E-05	1.05E-02	4.08E-03	0.00E+00	1.62E-06	2.66E-06	4.09E-03	5.20E-03	5.80E-03	1.22E-04	9.75E-05	1.12E-02
241	488299.44, 3856639.39	1.07612	0.19256	0.01952	0.03059	4.35E-03	5.74E-03	1.25E-04	9.66E-05	1.03E-02	3.96E-03	0.00E+00	1.66E-06	2.63E-06	3.96E-03	5.03E-03	5.74E-03	1.25E-04	9.66E-05	1.10E-02
242	488349.44, 3856639.39	1.04308	0.1903	0.01997	0.03032	4.22E-03	5.68E-03	1.27E-04	9.57E-05	1.01E-02	3.83E-03	0.00E+00	1.70E-06	2.61E-06	3.84E-03	4.88E-03	5.68E-03	1.27E-04	9.57E-05	1.08E-02
243	488399.44, 3856639.39	1.01105	0.18929	0.02045	0.03004	4.09E-03	5.65E-03	1.30E-04	9.48E-05	9.96E-03	3.72E-03	0.00E+00	1.74E-06	2.59E-06	3.72E-03	4.73E-03	5.65E-03	1.30E-04	9.48E-05	1.06E-02
244	488099.44, 3856689.39	1.23848	0.20595	0.01959	0.0312	5.01E-03	6.14E-03	1.25E-04	9.85E-05	1.14E-02	4.55E-03	0.00E+00	1.67E-06	2.69E-06	4.56E-03	5.79E-03	6.14E-03	1.25E-04	9.85E-05	1.22E-02
245	488149.44, 3856689.39	1.19585	0.20332	0.01944	0.0309	4.83E-03	6.07E-03	1.24E-04	9.76E-05	1.11E-02	4.40E-03	0.00E+00	1.65E-06	2.66E-06	4.40E-03	5.59E-03	6.07E-03	1.24E-04	9.76E-05	1.19E-02
246	488199.44, 3856689.39	1.15507	0.20144	0.01964	0.03061	4.67E-03	6.01E-03	1.25E-04	9.66E-05	1.09E-02	4.25E-03	0.00E+00	1.67E-06	2.64E-06	4.25E-03	5.40E-03	6.01E-03	1.25E-04	9.66E-05	1.16E-02
247	488249.44, 3856689.39	1.11691	0.19886	0.02003	0.03034	4.51E-03	5.93E-03	1.28E-04	9.58E-05	1.07E-02	4.11E-03	0.00E+00	1.70E-06	2.61E-06	4.11E-03	5.22E-03	5.93E-03	1.28E-04	9.58E-05	1.14E-02
248	488299.44, 3856689.39	1.07996	0.19759	0.0205	0.03007	4.37E-03	5.89E-03	1.31E-04	9.49E-05	1.05E-02	3.97E-03	0.00E+00	1.74E-06	2.59E-06	3.97E-03	5.05E-03	5.89E-03	1.31E-04	9.49E-05	1.12E-02
249	488349.44, 3856689.39	1.04556	0.19529	0.02096	0.02982	4.23E-03	5.83E-03	1.34E-04	9.42E-05	1.03E-02	3.84E-03	0.00E+00	1.78E-06	2.57E-06	3.85E-03	4.89E-03	5.83E-03	1.34E-04	9.42E-05	1.09E-02
250	488399.44, 3856689.39	1.01336	0.19223	0.02144	0.02958	4.10E-03	5.73E-03	1.37E-04	9.34E-05	1.01E-02	3.73E-03	0.00E+00	1.82E-06	2.55E-06	3.73E-03	4.74E-03	5.73E-03	1.37E-04	9.34E-05	1.07E-02
251	488099.44, 3856739.39	1.24366	0.21164	0.02063	0.0306	5.03E-03	6.31E-03	1.32E-04	9.66E-05	1.16E-02	4.57E-03	0.00E+00	1.75E-06	2.63E-06	4.58E-03	5.82E-03	6.31E-03	1.32E-04	9.66E-05	1.24E-02
252	488149.44, 3856739.39	1.19943	0.20842	0.02047	0.03034	4.85E-03	6.22E-03	1.31E-04	9.58E-05	1.13E-02	4.41E-03	0.00E+00	1.74E-06	2.61E-06	4.41E-03	5.61E-03	6.22E-03	1.31E-04	9.58E-05	1.21E-02
253	488199.44, 3856739.39	1.15634	0.20692	0.02069	0.03007	4.67E-03	6.17E-03	1.32E-04	9.49E-05	1.11E-02	4.25E-03	0.00E+00	1.76E-06	2.59E-06	4.26E-03	5.41E-03	6.17E-03	1.32E-04	9.49E-05	1.18E-02
254	488249.44, 3856739.39	1.11674	0.2042	0.02109	0.02982	4.51E-03	6.09E-03	1.35E-04	9.42E-05	1.08E-02	4.11E-03	0.00E+00	1.79E-06	2.57E-06	4.11E-03	5.22E-03	6.09E-03	1.35E-04	9.42E-05	1.15E-02
255	488299.44, 3856739.39	1.07992	0.20072	0.02155	0.0296	4.37E-03	5.99E-03	1.37E-04	9.35E-05	1.06E-02	3.97E-03	0.00E+00	1.83E-06	2.55E-06	3.97E-03	5.05E-03	5.99E-03	1.37E-04	9.35E-05	1.13E-02
256	488349.44, 3856739.39	1.04314	0.20004	0.02205	0.02934	4.22E-03	5.97E-03	1.41E-04	9.26E-05	1.04E-02	3.84E-03	0.00E+00	1.88E-06	2.53E-06	3.84E-03	4.88E-03	5.97E-03	1.41E-04	9.26E-05	1.11E-02
257	488399.44, 3856739.39	1.00835	0.19918	0.02256	0.02909	4.08E-03	5.94E-03	1.44E-04	9.18E-05	1.03E-02	3.71E-03	0.00E+00	1.92E-06	2.50E-06	3.71E-03	4.72E-03	5.94E-03	1.44E-04	9.18E-05	1.09E-02
258	487999.44, 3856789.39	1.34696	0.22001	0.02339	0.03061	5.44E-03	6.56E-03	1.49E-04	9.66E-05	1.23E-02	4.95E-03	0.00E+00	1.99E-06	2.64E-06	4.96E-03	6.30E-03	6.56E-03	1.49E-04	9.66E-05	1.31E-02
259	488049.44, 3856789.39	1.29331	0.21772	0.02238	0.03033	5.23E-03	6.50E-03	1.43E-04	9.58E-05	1.20E-02	4.75E-03	0.00E+00	1.90E-06	2.61E-06	4.76E-03	6.05E-03	6.50E-03	1.43E-04	9.58E-05	1.28E-02
260	488099.44, 3856789.39	1.24225	0.2163	0.02177	0.03005	5.02E-03	6.45E-03	1.39E-04	9.49E-05	1.17E-02	4.57E-03	0.00E+00	1.85E-06	2.59E-06	4.57E-03	5.81E-03	6.45E-03	1.39E-04	9.49E-05	1.25E-02
261	488149.44, 3856789.39	1.19584	0.21353	0.02161	0.02981	4.83E-03	6.37E-03	1.38E-04	9.41E-05	1.14E-02	4.40E-03	0.00E+00	1.84E-06	2.57E-06	4.40E-03	5.59E-03	6.37E-03	1.38E-04	9.41E-05	1.22E-02
262	488199.44, 3856789.39	1.15159	0.21151	0.02184	0.02957	4.65E-03	6.31E-03	1.39E-04	9.34E-05	1.12E-02	4.23E-03	0.00E+00	1.86E-06	2.55E-06	4.24E-03	5.39E-03	6.31E-03	1.39E-04	9.34E-05	1.19E-02
263	488249.44, 3856789.39	1.11062	0.20895	0.02226	0.02934	4.49E-03	6.23E-03	1.42E-04	9.26E-05	1.10E-02	4.08E-03	0.00E+00	1.89E-06	2.53E-06	4.09E-03	5.19E-03	6.23E-03	1.42E-04	9.26E-05	1.17E-02
264	488299.44, 3856789.39	1.07266	0.20582	0.02273	0.02912	4.34E-03	6.14E-03	1.45E-04	9.19E-05	1.07E-02	3.94E-03	0.00E+00	1.93E-06	2.51E-06	3.95E-03	5.02E-03	6.14E-03	1.45E-04	9.19E-05	1.14E-02
265	488349.44, 3856789.39	1.03477	0.20511	0.02325	0.02888	4.18E-03	6.12E-03	1.48E-04	9.12E-05	1.05E-02	3.80E-03	0.00E+00	1.98E-06	2.49E-06	3.81E-03	4.84E-03	6.12E-03	1.48E-04	9.12E-05	1.12E-02
266	488399.44, 3856789.39	0.99966	0.20368	0.02377	0.02864	4.04E-03	6.08E-03	1.52E-04	9.04E-05	1.04E-02	3.68E-03	0.00E+00	2.02E-06	2.47E-06	3.68E-03	4.68E-03	6.08E-03	1.52E-04	9.04E-05	1.10E-02
267	487949.44, 3856839.39	1.4005	0.22702	0.02594	0.0303	5.66E-03	6.77E-03	1.65E-04	9.57E-05	1.27E-02	5.15E-03	0.00E+00	2.21E-06	2.61E-06	5.15E-03	6.55E-03	6.77E-03	1.65E-04	9.57E-05	1.36E-02
268	487999.44, 3856839.39	1.34047	0.22479	0.02475	0.03003	5.42E-03	6.71E-03	1.58E-04	9.48E-05	1.24E-02	4.93E-03	0.00E+00	2.10E-06	2.59E-06	4.93E-03	6.27E-03	6.71E-03	1.58E-04	9.48E-05	1.32E-02
269	488049.44, 3856839.39	1.2849	0.22241	0.02369	0.02978	5.19E-03	6.64E-03	1.51E-04	9.40E-05	1.21E-02	4.72E-03	0.00E+00	2.01E-06	2.56E-06	4.73E-03	6.01E-03	6.64E-03	1.51E-04	9.40E-05	1.29E-02
270	488099.44, 3856839.39	1.23269	0.22048	0.02303	0.02954	4.98E-03	6.58E-03	1.47E-04	9.33E-05	1.18E-02	4.53E-03	0.00E+00	1.96E-06	2.54E-06	4.54E-03	5.76E-03	6.58E-03	1.47E-04	9.33E-05	1.26E-02
271	488149.44, 3856839.39	1.1841	0.21851	0.02287	0.02931	4.79E-03	6.52E-03	1.46E-04	9.25E-05	1.15E-02	4.35E-03	0.00E+00	1.95E-06	2.52E-06	4.36E-03	5.54E-03	6.52E-03	1.46E-04	9.25E-05	1.23E-02
272	488199.44, 3856839.39	1.1389	0.21643	0.02311	0.02909	4.60E-03	6.46E-03	1.47E-04	9.18E-05	1.13E-02	4.19E-03	0.00E+00	1.97E-06	2.50E-06	4.19E-03	5.33E-03	6.46E-03	1.47E-04	9.18E-05	1.20E-02
273	487949.44, 3856889.39	1.38438	0.23127	0.02748	0.02974	5.60E-03	6.90E-03	1.75E-04	9.39E-05	1.28E-02	5.09E-03	0.00E+00	2.34E-06	2.56E-06	5.09E-03	6.47E-03	6.90E-03	1.75E-04	9.39E-05	1.36E-02
274	487999.44, 3856889.39	1.32158	0.22997	0.02627	0.02949	5.34E-03	6.86E-03	1.68E-04	9.31E-05	1.25E-02	4.86E-03	0.00E+00	2.23E-06	2.54E-06	4.86E-03	6.18E-03	6.86E-03	1.68E-04	9.31E-05	1.33E-02
275	488049.44, 3856889.39	1.26618	0.22673	0.02514	0.02928	5.12E-03	6.76E-03	1.60E-04	9.24E-05	1.21E-02	4.66E-03	0.00E+00	2.14E-06	2.52E-06	4.66E-03	5.92E-03	6.76E-03	1.60E-04	9.24E-05	1.29E-02
276	488099.44, 3856889.39	1.21266	0.22523	0.02445	0.02906	4.90E-03	6.72E-03	1.56E-04	9.18E-05	1.19E-02	4.46E-03	0.00E+00	2.08E-06	2.50E-06	4.46E-03	5.67E-03	6.72E-03	1.56E-04	9.18E-05	1.26E-02
277	488635.86, 3857895.05	0.26436	0.33676	1.90204	0.04432	1.07E-03	1.00E-02	1.21E-02	1.40E-04	2.34E-02	9.72E-04	0.00E+00	1.62E-04	3.82E-06	1.14E-03	1.24E-03	1.00E-02	1.21E-02	1.40E-04	2.36E-02
278	489137.64, 3857804.15	0.28583	0.28491	0.74151	0.03859	1.16E-03	8.50E-03	4.73E-03	1.22E-04	1.45E-02	1.05E-03	0.00E+00	6.31E-05	3.32E-06	1.12E-03	1.34E-03	8.50E-03	4.73E-03	1.22E-04	1.47E-02
279	488617.32, 3857859.41	0.27766	0.3298	1.85116	0.04268	1.12E-03	9.84E-03	1.18E-02	1.35E-04	2.29E-02	1.02E-03	0.00E+00	1.57E-04	3.68E-06	1.18E-03	1.30E-03	9.84E-03	1.18E-02	1.35E-04	2.31E-02
280	488667.32, 3857859.41	0.27781	0.32564	1.68179	0.04248	1.12E-03	9.71E-03	1.07E-02	1.34E-04	2.17E-02	1.02E-03	0.00E+00	1.43E-04	3.66E-06	1.17E-03	1.30E-03	9.71E-03	1.07E-02	1.34E-04	2.19E-02
281	488717.32, 3857859.41	0.27772	0.32168	1.52652	0.04229	1.12E-03	9.60E-03	9.74E-03	1.34E-04	2.06E-02	1.02E-03	0.00E+00	1.30E-04	3.64E-06	1.15E-03	1.30E-03	9.60E-03	9.74E-03	1.34E-04	2.08E-02
282	488767.32, 3857859.41	0.27677	0.31895	1.39034	0.04212	1.12E-03	9.52E-03	8.87E-03	1.33E-04	1.96E-02	1.02E-03	0.00E+00	1.18E-04	3.63E-06	1.14E-03	1.29E-03	9.52E-03	8.87E-03	1.33E-04	1.98E-02
283	488617.32, 3857909.41	0.25906	0.34167	2.01229	0.04513	1.05E-03	1.02E-02	1.28E-02	1.42E-04	2.42E-02	9.52E-04	0.00E+00	1.71E-04	3.89E-06	1.13E-03	1.21E-03	1.02E-02	1.28E-02	1.42E-04	2.44E-02
284	488667.32, 3857909.41	0.25886	0.33871	1.78786	0.04487	1.05E-03	1.01E-02	1.14E-02	1.42E-04	2.27E-02	9.52E-04	0.00E+00	1.52E-04	3.86E-06	1.11E-03	1.21E-03	1.01E-02	1.14E-02	1.42E-04	2.29E-02
285	488717.32, 3857909.41	0.2599	0.33332	1.59228	0.04455	1.05E-03	9.94E-03	1.02E-02	1.41E-04	2.13E-02	9.56E-04	0.00E+00	1.35E-04	3.84E-06	1.09E-03	1.22E-03	9.94E-03	1.02E-02	1.41E-04	2.15E-02
286	488767.32, 3857909.41	0.25959	0.33016	1.42885	0.04427	1.05E-03	9.85E-03	9.11E-03	1.40E-04	2.02E-02	9.54E-04	0.00E+00	1.22E-04	3.81E-06	1.08E-03	1.21E-03	9.85E-03	9.11E-03	1.40E-04	2.03E-02
287	488417.32, 3857959.41	0.23849	0.37159	3.5866	0.04922	9.64E-04	1.11E-02	2.29E-02	1.55E-04	3.51E-02	8.77E-04	0.00E+00	3.05E-04	4.24E-06	1.19E-03	1.12E-03	1.11E-02	2.29E-02	1.55E-04	3.52E-02
288	488467.32, 3857959.41	0.23916	0.36748	3.06147	0.04886	9.67E-04	1.10E-02	1.95E-02	1.54E-04	3.16E-02	8.79E-04	0.00E+00	2.60E-04	4.21E-06	1.14E-03	1.12E-03	1.10E-02	1.95E-02	1.54E-04	3.18E-02
289	488517.32, 3857959.41	0.23985	0.36347	2.62329	0.04851	9.70E-04	1.08E-02	1.67E-02	1.53E-04	2.87E-02	8.82E-04	0.00E+00	2.23E-04	4.18E-06	1.11E-03	1.12E-03	1.08E-02	1.67E-02	1.53E-04	2.89E-02
290	488567.32, 3857959.41	0.2405	0.3595	2.26443	0.04814	9.72E-04	1.07E-02	1.44E-02	1.52E-04	2.63E-02	8.84E-04	0.00E+00	1.93E-04	4.15E-06	1.08E-03	1.12E-03	1.07E-02	1.44E-02	1.52E-04	2.64E-02
291	488617.32, 3857959.41	0.2414	0.35491	1.97028	0.04774	9.76E-04	1.06E-02	1.26E-02	1.51E-04	2.43E-02	8.88E-04	0.00E+00	1.68E-04	4.11E-06	1.06E-03	1.13E-03	1.06E-02	1.26E-02	1.51E-04	2.44E-02

292	488667.32, 3857959.41	0.24225	0.35036	1.72865	0.04732	9.79E-04	1.05E-02	1.10E-02	1.49E-04	2.26E-02	8.91E-04	0.00E+00	1.47E-04	4.07E-06	1.04E-03	1.13E-03	1.05E-02	1.10E-02	1.49E-04	2.28E-02
293	488717.32, 3857959.41	0.24269	0.34649	1.52848	0.04691	9.81E-04	1.03E-02	9.75E-03	1.48E-04	2.12E-02	8.92E-04	0.00E+00	1.30E-04	4.04E-06	1.03E-03	1.13E-03	1.03E-02	9.75E-03	1.48E-04	2.14E-02
294	488767.32, 3857959.41	0.24321	0.34231	1.3624	0.04648	9.83E-04	1.02E-02	8.69E-03	1.47E-04	2.00E-02	8.94E-04	0.00E+00	1.16E-04	4.00E-06	1.01E-03	1.14E-03	1.02E-02	8.69E-03	1.47E-04	2.02E-02
295	488417.32, 3858009.41	0.22266	0.38666	3.1561	0.05252	9.00E-04	1.15E-02	2.01E-02	1.66E-04	3.27E-02	8.19E-04	0.00E+00	2.68E-04	4.52E-06	1.09E-03	1.04E-03	1.15E-02	2.01E-02	1.66E-04	3.29E-02
296	488467.32, 3858009.41	0.22297	0.3825	2.66653	0.05204	9.01E-04	1.14E-02	1.70E-02	1.64E-04	2.95E-02	8.20E-04	0.00E+00	2.27E-04	4.48E-06	1.05E-03	1.04E-03	1.14E-02	1.70E-02	1.64E-04	2.96E-02
297	488517.32, 3858009.41	0.22352	0.37816	2.27468	0.05154	9.04E-04	1.13E-02	1.45E-02	1.63E-04	2.69E-02	8.22E-04	0.00E+00	1.93E-04	4.44E-06	1.02E-03	1.05E-03	1.13E-02	1.45E-02	1.63E-04	2.70E-02
298	488567.32, 3858009.41	0.22411	0.37399	1.96316	0.05101	9.06E-04	1.12E-02	1.25E-02	1.61E-04	2.47E-02	8.24E-04	0.00E+00	1.67E-04	4.39E-06	9.95E-04	1.05E-03	1.12E-02	1.25E-02	1.61E-04	2.49E-02
299	488617.32, 3858009.41	0.22524	0.36868	1.71443	0.05043	9.10E-04	1.10E-02	1.09E-02	1.59E-04	2.30E-02	8.28E-04	0.00E+00	1.46E-04	4.34E-06	9.78E-04	1.05E-03	1.10E-02	1.09E-02	1.59E-04	2.31E-02
300	488667.32, 3858009.41	0.22632	0.36362	1.51035	0.04985	9.15E-04	1.08E-02	9.63E-03	1.57E-04	2.16E-02	8.32E-04	0.00E+00	1.28E-04	4.29E-06	9.65E-04	1.06E-03	1.08E-02	9.63E-03	1.57E-04	2.17E-02
301	488717.32, 3858009.41	0.22715	0.35919	1.34149	0.04928	9.18E-04	1.07E-02	8.56E-03	1.56E-04	2.03E-02	8.35E-04	0.00E+00	1.14E-04	4.24E-06	9.53E-04	1.06E-03	1.07E-02	8.56E-03	1.56E-04	2.05E-02
302	488767.32, 3858009.41	0.22787	0.35491	1.20093	0.04869	9.21E-04	1.06E-02	7.66E-03	1.54E-04	1.93E-02	8.38E-04	0.00E+00	1.02E-04	4.19E-06	9.44E-04	1.07E-03	1.06E-02	7.66E-03	1.54E-04	1.95E-02
303	488417.32, 3858059.41	0.20879	0.40347	2.19923	0.05604	8.44E-04	1.20E-02	1.40E-02	1.77E-04	2.71E-02	7.68E-04	0.00E+00	1.87E-04	4.83E-06	9.59E-04	9.76E-04	1.20E-02	1.40E-02	1.77E-04	2.72E-02
304	488467.32, 3858059.41	0.2087	0.39889	1.92797	0.05538	8.44E-04	1.19E-02	1.23E-02	1.75E-04	2.52E-02	7.67E-04	0.00E+00	1.64E-04	4.77E-06	9.36E-04	9.76E-04	1.19E-02	1.23E-02	1.75E-04	2.53E-02
305	488517.32, 3858059.41	0.209	0.39394	1.69594	0.05467	8.45E-04	1.18E-02	1.08E-02	1.73E-04	2.36E-02	7.68E-04	0.00E+00	1.44E-04	4.71E-06	9.17E-04	9.77E-04	1.18E-02	1.08E-02	1.73E-04	2.37E-02
306	488567.32, 3858059.41	0.20948	0.38914	1.50202	0.05394	8.47E-04	1.16E-02	9.58E-03	1.70E-04	2.22E-02	7.70E-04	0.00E+00	1.28E-04	4.64E-06	9.03E-04	9.80E-04	1.16E-02	9.58E-03	1.70E-04	2.23E-02
307	488617.32, 3858059.41	0.21019	0.38419	1.33824	0.05318	8.50E-04	1.15E-02	8.54E-03	1.68E-04	2.10E-02	7.73E-04	0.00E+00	1.14E-04	4.58E-06	8.91E-04	9.83E-04	1.15E-02	8.54E-03	1.68E-04	2.11E-02
308	488667.32, 3858059.41	0.21132	0.37855	1.2034	0.05241	8.54E-04	1.13E-02	7.68E-03	1.65E-04	2.00E-02	7.77E-04	0.00E+00	1.02E-04	4.51E-06	8.84E-04	9.88E-04	1.13E-02	7.68E-03	1.65E-04	2.01E-02
309	488417.32, 3858109.41	0.19753	0.41933	1.3739	0.05969	7.98E-04	1.25E-02	8.76E-03	1.88E-04	2.23E-02	7.26E-04	0.00E+00	1.17E-04	5.14E-06	8.48E-04	9.24E-04	1.25E-02	8.76E-03	1.88E-04	2.24E-02
310	488467.32, 3858109.41	0.1968	0.41497	1.27046	0.05879	7.96E-04	1.24E-02	8.10E-03	1.86E-04	2.15E-02	7.24E-04	0.00E+00	1.08E-04	5.06E-06	8.37E-04	9.20E-04	1.24E-02	8.10E-03	1.86E-04	2.16E-02
311	488517.32, 3858109.41	0.19645	0.4104	1.16425	0.05786	7.94E-04	1.22E-02	7.43E-03	1.83E-04	2.06E-02	7.22E-04	0.00E+00	9.90E-05	4.98E-06	8.26E-04	9.19E-04	1.22E-02	7.43E-03	1.83E-04	2.08E-02
312	488567.32, 3858109.41	0.19662	0.40505	1.06846	0.05688	7.95E-04	1.21E-02	6.82E-03	1.80E-04	1.99E-02	7.23E-04	0.00E+00	9.09E-05	4.90E-06	8.19E-04	9.20E-04	1.21E-02	6.82E-03	1.80E-04	2.00E-02
313	488617.32, 3858109.41	0.19697	0.4	0.9797	0.05592	7.96E-04	1.19E-02	6.25E-03	1.77E-04	1.92E-02	7.24E-04	0.00E+00	8.33E-05	4.82E-06	8.12E-04	9.21E-04	1.19E-02	6.25E-03	1.77E-04	1.93E-02
314	488667.32, 3858109.41	0.19795	0.39378	0.90479	0.05493	8.00E-04	1.17E-02	5.77E-03	1.73E-04	1.85E-02	7.28E-04	0.00E+00	7.69E-05	4.73E-06	8.09E-04	9.26E-04	1.17E-02	5.77E-03	1.73E-04	1.86E-02
315	488769.93, 3858449.27	0.14132	0.50129	0.12814	0.06955	5.71E-04	1.50E-02	8.17E-04	2.20E-04	1.66E-02	5.20E-04	0.00E+00	1.09E-05	5.99E-06	5.36E-04	6.61E-04	1.50E-02	8.17E-04	2.20E-04	1.67E-02
316	488819.93, 3858449.27	0.14073	0.49284	0.13491	0.06785	5.69E-04	1.47E-02	8.61E-04	2.14E-04	1.63E-02	5.17E-04	0.00E+00	1.15E-05	5.84E-06	5.35E-04	6.58E-04	1.47E-02	8.61E-04	2.14E-04	1.64E-02
317	488819.93, 3858499.27	0.13566	0.51865	0.10418	0.06994	5.48E-04	1.55E-02	6.65E-04	2.21E-04	1.69E-02	4.99E-04	0.00E+00	8.86E-06	6.02E-06	5.14E-04	6.34E-04	1.55E-02	6.65E-04	2.21E-04	1.70E-02
318	488869.93, 3858499.27	0.13507	0.51046	0.10987	0.06821	5.46E-04	1.52E-02	7.01E-04	2.15E-04	1.67E-02	4.97E-04	0.00E+00	9.34E-06	5.87E-06	5.12E-04	6.32E-04	1.52E-02	7.01E-04	2.15E-04	1.68E-02
319	488869.93, 3858549.27	0.13048	0.54118	0.08673	0.07001	5.27E-04	1.61E-02	5.53E-04	2.21E-04	1.74E-02	4.80E-04	0.00E+00	7.38E-06	6.03E-06	4.93E-04	6.10E-04	1.61E-02	5.53E-04	2.21E-04	1.75E-02
320	489438.17, 3859571.48	0.07269	0.80683	0.01541	0.1484	2.94E-04	2.41E-02	9.83E-05	4.69E-04	2.49E-02	2.67E-04	0.00E+00	1.31E-06	1.28E-05	2.81E-04	3.40E-04	2.41E-02	9.83E-05	4.69E-04	2.50E-02
321	489488.17, 3859571.48	0.07286	0.78103	0.01567	0.1409	2.95E-04	2.33E-02	1.00E-04	4.45E-04	2.41E-02	2.68E-04	0.00E+00	1.33E-06	1.21E-05	2.81E-04	3.41E-04	2.33E-02	1.00E-04	4.45E-04	2.42E-02
322	489538.17, 3859571.48	0.07292	0.75719	0.01597	0.13403	2.95E-04	2.26E-02	1.02E-04	4.23E-04	2.34E-02	2.68E-04	0.00E+00	1.36E-06	1.15E-05	2.81E-04	3.41E-04	2.26E-02	1.02E-04	4.23E-04	2.35E-02
323	489588.17, 3859571.48	0.07279	0.73647	0.01628	0.12785	2.94E-04	2.20E-02	1.04E-04	4.04E-04	2.28E-02	2.68E-04	0.00E+00	1.38E-06	1.10E-05	2.80E-04	3.40E-04	2.20E-02	1.04E-04	4.04E-04	2.28E-02
324	489438.17, 3859621.48	0.07054	0.7899	0.01484	0.15023	2.85E-04	2.36E-02	9.47E-05	4.74E-04	2.44E-02	2.59E-04	0.00E+00	1.26E-06	1.29E-05	2.74E-04	3.30E-04	2.36E-02	9.47E-05	4.74E-04	2.45E-02
325	489488.17, 3859621.48	0.07077	0.76704	0.01503	0.14231	2.86E-04	2.29E-02	9.59E-05	4.49E-04	2.37E-02	2.60E-04	0.00E+00	1.28E-06	1.23E-05	2.74E-04	3.31E-04	2.29E-02	9.59E-05	4.49E-04	2.38E-02
326	489538.17, 3859621.48	0.07095	0.74512	0.01527	0.13507	2.87E-04	2.22E-02	9.74E-05	4.26E-04	2.30E-02	2.61E-04	0.00E+00	1.30E-06	1.16E-05	2.74E-04	3.32E-04	2.22E-02	9.74E-05	4.26E-04	2.31E-02
327	489588.17, 3859621.48	0.07109	0.72319	0.01558	0.12834	2.87E-04	2.16E-02	9.94E-05	4.05E-04	2.24E-02	2.61E-04	0.00E+00	1.33E-06	1.11E-05	2.74E-04	3.32E-04	2.16E-02	9.94E-05	4.05E-04	2.24E-02
328	489238.17, 3859671.48	0.06683	0.87325	0.01345	0.19293	2.70E-04	2.61E-02	8.58E-05	6.09E-04	2.70E-02	2.46E-04	0.00E+00	1.14E-06	1.66E-05	2.63E-04	3.13E-04	2.61E-02	8.58E-05	6.09E-04	2.71E-02
329	489288.17, 3859671.48	0.06719	0.84746	0.01373	0.18048	2.72E-04	2.53E-02	8.76E-05	5.70E-04	2.62E-02	2.47E-04	0.00E+00	1.17E-06	1.55E-05	2.64E-04	3.14E-04	2.53E-02	8.76E-05	5.70E-04	2.63E-02
330	489338.17, 3859671.48	0.06762	0.82194	0.01398	0.1692	2.73E-04	2.45E-02	8.92E-05	5.34E-04	2.54E-02	2.49E-04	0.00E+00	1.19E-06	1.46E-05	2.64E-04	3.16E-04	2.45E-02	8.92E-05	5.34E-04	2.55E-02
331	489388.17, 3859671.48	0.06811	0.79627	0.0142	0.15892	2.75E-04	2.38E-02	9.06E-05	5.02E-04	2.46E-02	2.50E-04	0.00E+00	1.21E-06	1.37E-05	2.65E-04	3.19E-04	2.38E-02	9.06E-05	5.02E-04	2.47E-02
332	489438.17, 3859671.48	0.06844	0.77484	0.01435	0.14992	2.77E-04	2.31E-02	9.15E-05	4.73E-04	2.40E-02	2.52E-04	0.00E+00	1.22E-06	1.29E-05	2.66E-04	3.20E-04	2.31E-02	9.15E-05	4.73E-04	2.40E-02
333	489488.17, 3859671.48	0.06886	0.75183	0.01456	0.14156	2.78E-04	2.24E-02	9.29E-05	4.47E-04	2.32E-02	2.53E-04	0.00E+00	1.24E-06	1.22E-05	2.67E-04	3.22E-04	2.24E-02	9.29E-05	4.47E-04	2.33E-02
334	489538.17, 3859671.48	0.06914	0.73124	0.01476	0.13407	2.79E-04	2.18E-02	9.41E-05	4.23E-04	2.26E-02	2.54E-04	0.00E+00	1.26E-06	1.15E-05	2.67E-04	3.23E-04	2.18E-02	9.41E-05	4.23E-04	2.27E-02
335	489588.17, 3859671.48	0.06937	0.71118	0.015	0.12722	2.80E-04	2.12E-02	9.57E-05	4.02E-04	2.20E-02	2.55E-04	0.00E+00	1.28E-06	1.10E-05	2.67E-04	3.24E-04	2.12E-02	9.57E-05	4.02E-04	2.20E-02
336	489238.17, 3859721.48	0.06486	0.85648	0.01295	0.19016	2.62E-04	2.56E-02	8.26E-05	6.00E-04	2.65E-02	2.38E-04	0.00E+00	1.10E-06	1.64E-05	2.56E-04	3.03E-04	2.56E-02	8.26E-05	6.00E-04	2.65E-02
337	489288.17, 3859721.48	0.06531	0.82663	0.01331	0.17749	2.64E-04	2.47E-02	8.49E-05	5.60E-04	2.56E-02	2.40E-04	0.00E+00	1.13E-06	1.53E-05	2.57E-04	3.05E-04	2.47E-02	8.49E-05	5.60E-04	2.56E-02
338	489338.17, 3859721.48	0.0657	0.80403	0.01358	0.16634	2.66E-04	2.40E-02	8.66E-05	5.25E-04	2.49E-02	2.42E-04	0.00E+00	1.15E-06	1.43E-05	2.57E-04	3.07E-04	2.40E-02	8.66E-05	5.25E-04	2.49E-02
339	489388.17, 3859721.48	0.06609	0.78264	0.01378	0.15635	2.67E-04	2.33E-02	8.79E-05	4.94E-04	2.42E-02	2.43E-04	0.00E+00	1.17E-06	1.35E-05	2.58E-04	3.09E-04	2.33E-02	8.79E-05	4.94E-04	2.42E-02
340	489438.17, 3859721.48	0.06644	0.76276	0.01394	0.14741	2.69E-04	2.28E-02	8.89E-05	4.65E-04	2.36E-02	2.44E-04	0.00E+00	1.19E-06	1.27E-05	2.58E-04	3.11E-04	2.28E-02	8.89E-05	4.65E-04	2.36E-02
341	489488.17, 3859721.48	0.06692	0.74074	0.01414	0.13907	2.71E-04	2.21E-02	9.02E-05	4.39E-04	2.29E-02	2.46E-04	0.00E+00	1.20E-06	1.20E-05	2.59E-04	3.13E-04	2.21E-02	9.02E-05	4.39E-04	2.29E-02
342	489538.17, 3859721.48	0.0673	0.72078	0.01432	0.13161	2.72E-04	2.15E-02	9.13E-05	4.16E-04	2.23E-02	2.47E-04	0.00E+00	1.22E-06	1.13E-05	2.60E-04	3.15E-04	2.15E-02	9.13E-05	4.16E-04	2.23E-02
343	489588.17, 3859721.48	0.06761	0.70182	0.01451	0.12482	2.73E-04	2.09E-02	9.26E-05	3.94E-04	2.17E-02	2.49E-04	0.00E+00	1.23E-06	1.07E-05	2.61E-04	3.16E-04	2.09E-02	9.26E-05	3.94E-04	2.17E-02
344	489238.17, 3859771.48	0.06304	0.84486	0.01246	0.18444	2.55E-04	2.52E-02	7.95E-05	5.82E-04	2.61E-02	2.32E-04	0.00E+00	1.06E-06	1.59E-05	2.49E-04	2.95E-04	2.52E-02	7.95E-05	5.82E-04	2.62E-02
345	489288.17, 3859771.48	0.06345	0.8166	0.01286	0.17237	2.56E-04	2.44E-02	8.20E-05	5.44E-04	2.52E-02	2.33E-04	0.00E+00	1.09E-06	1.48E-05	2.49E-04	2.97E-04	2.44E-02	8.20E-05	5.44E-04	2.53E-02
346	489338.17, 3859771.48	0.06375	0.79623	0.01314	0.16182	2.58E-04	2.38E-02	8.38E-05	5.11E-04	2.46E-02	2.34E-04	0.00E+00	1.12E-06	1.39E-05	2.49E-04	2.98E-04	2.38E-02	8.38E-05	5.11E-04	2.46E-02
347	489388.17, 3859771.48	0.06414	0.77521	0.01339	0.15221	2.59E-04	2.31E-02	8.54E-05	4.81E-04	2.40E-02	2.36E-04	0.00E+00	1.14E-06	1.31E-05	2.50E-04	3.00E-04	2.31E-02	8.54E-05	4.81E-04	2.40E-02
348	489438.17, 3859771.48	0.06447	0.7564	0.01355	0.14362	2.61E-04	2.26E-02	8.64E-05	4.53E-04	2.34E-02	2.37E-04	0.00E+00	1.15E-06	1.24E-05	2.51E-04	3.02E-04	2.26E-02	8.64E-05	4.53E-04	2.34E-02
349	489488.17, 3859771.48	0.06503	0.73385	0.01377	0.13548	2.63E-04	2.19E-02	8.78E-05	4.28E-04	2.27E-02	2.39E-04	0.00E+00	1.17E-06	1.17E-05	2.52E-04	3.04E-04	2.19E-02	8.78E-05	4.28E-04	2.27E-02
350	489538.17, 3859771.48	0.06551	0.71315	0.01396	0.12819	2.65E-04	2.13E-02	8.90E-05	4.05E-04	2.20E-02	2.41E-04	0.00E+00	1.19E-06	1.10E-05	2.53E-04	3.06E-04	2.13E-02	8.90E-05	4.05E-04	2.21E-02

351	489588.17, 3859771.48	0.06581	0.69599	0.0141	0.12167	2.66E-04	2.08E-02	8.99E-05	3.84E-04	2.15E-02	2.42E-04	0.00E+00	1.20E-06	1.05E-05	2.54E-04	3.08E-04	2.08E-02	8.99E-05	3.84E-04	2.15E-02
352	489238.17, 3859821.48	0.06129	0.84458	0.01197	0.1782	2.48E-04	2.52E-02	7.64E-05	5.63E-04	2.61E-02	2.25E-04	0.00E+00	1.02E-06	1.53E-05	2.42E-04	2.87E-04	2.52E-02	7.64E-05	5.63E-04	2.61E-02
353	489288.17, 3859821.48	0.06167	0.81628	0.0124	0.16684	2.49E-04	2.44E-02	7.91E-05	5.27E-04	2.52E-02	2.27E-04	0.00E+00	1.05E-06	1.44E-05	2.42E-04	2.88E-04	2.44E-02	7.91E-05	5.27E-04	2.52E-02
354	489338.17, 3859821.48	0.06195	0.79514	0.01273	0.15685	2.50E-04	2.37E-02	8.12E-05	4.95E-04	2.45E-02	2.28E-04	0.00E+00	1.08E-06	1.35E-05	2.42E-04	2.90E-04	2.37E-02	8.12E-05	4.95E-04	2.46E-02
355	489388.17, 3859821.48	0.0623	0.77419	0.013	0.14773	2.52E-04	2.31E-02	8.29E-05	4.66E-04	2.39E-02	2.29E-04	0.00E+00	1.11E-06	1.27E-05	2.43E-04	2.91E-04	2.31E-02	8.29E-05	4.66E-04	2.39E-02
356	489438.17, 3859821.48	0.06278	0.75181	0.01325	0.13926	2.54E-04	2.24E-02	8.45E-05	4.40E-04	2.32E-02	2.31E-04	0.00E+00	1.13E-06	1.20E-05	2.44E-04	2.94E-04	2.24E-02	8.45E-05	4.40E-04	2.32E-02
357	489488.17, 3859821.48	0.06326	0.73042	0.01346	0.13159	2.56E-04	2.18E-02	8.59E-05	4.15E-04	2.25E-02	2.33E-04	0.00E+00	1.14E-06	1.13E-05	2.45E-04	2.96E-04	2.18E-02	8.59E-05	4.15E-04	2.26E-02
358	489538.17, 3859821.48	0.06373	0.70955	0.01364	0.12458	2.58E-04	2.12E-02	8.70E-05	3.93E-04	2.19E-02	2.34E-04	0.00E+00	1.16E-06	1.07E-05	2.46E-04	2.98E-04	2.12E-02	8.70E-05	3.93E-04	2.19E-02
359	489588.17, 3859821.48	0.06408	0.69224	0.01377	0.11829	2.59E-04	2.07E-02	8.78E-05	3.73E-04	2.14E-02	2.36E-04	0.00E+00	1.17E-06	1.02E-05	2.47E-04	3.00E-04	2.07E-02	8.78E-05	3.73E-04	2.14E-02
360	489238.17, 3859871.48	0.0597	0.85459	0.0115	0.17223	2.41E-04	2.55E-02	7.34E-05	5.44E-04	2.64E-02	2.19E-04	0.00E+00	9.78E-07	1.48E-05	2.35E-04	2.79E-04	2.55E-02	7.34E-05	5.44E-04	2.64E-02
361	489288.17, 3859871.48	0.05996	0.82977	0.01193	0.1617	2.42E-04	2.48E-02	7.61E-05	5.11E-04	2.56E-02	2.20E-04	0.00E+00	1.01E-06	1.39E-05	2.35E-04	2.80E-04	2.48E-02	7.61E-05	5.11E-04	2.56E-02
362	489338.17, 3859871.48	0.06025	0.80187	0.0123	0.1521	2.44E-04	2.39E-02	7.85E-05	4.80E-04	2.47E-02	2.22E-04	0.00E+00	1.05E-06	1.31E-05	2.36E-04	2.82E-04	2.39E-02	7.85E-05	4.80E-04	2.48E-02
363	489388.17, 3859871.48	0.06065	0.77752	0.01264	0.14322	2.45E-04	2.32E-02	8.06E-05	4.52E-04	2.40E-02	2.23E-04	0.00E+00	1.07E-06	1.23E-05	2.36E-04	2.84E-04	2.32E-02	8.06E-05	4.52E-04	2.40E-02
364	489438.17, 3859871.48	0.06119	0.75138	0.01297	0.13498	2.47E-04	2.24E-02	8.27E-05	4.26E-04	2.32E-02	2.25E-04	0.00E+00	1.10E-06	1.16E-05	2.38E-04	2.86E-04	2.24E-02	8.27E-05	4.26E-04	2.32E-02
365	489488.17, 3859871.48	0.06178	0.72434	0.01328	0.12743	2.50E-04	2.16E-02	8.47E-05	4.02E-04	2.23E-02	2.27E-04	0.00E+00	1.13E-06	1.10E-05	2.39E-04	2.89E-04	2.16E-02	8.47E-05	4.02E-04	2.24E-02
366	489538.17, 3859871.48	0.06208	0.70779	0.01339	0.12088	2.51E-04	2.11E-02	8.54E-05	3.82E-04	2.18E-02	2.28E-04	0.00E+00	1.14E-06	1.04E-05	2.40E-04	2.90E-04	2.11E-02	8.54E-05	3.82E-04	2.19E-02
367	489588.17, 3859871.48	0.06246	0.68919	0.01353	0.11477	2.52E-04	2.06E-02	8.63E-05	3.62E-04	2.13E-02	2.30E-04	0.00E+00	1.15E-06	9.88E-06	2.41E-04	2.92E-04	2.06E-02	8.63E-05	3.62E-04	2.13E-02
368	489238.17, 3859921.48	0.05828	0.87323	0.01106	0.16534	2.36E-04	2.61E-02	7.05E-05	5.22E-04	2.69E-02	2.14E-04	0.00E+00	9.41E-07	1.42E-05	2.29E-04	2.73E-04	2.61E-02	7.05E-05	5.22E-04	2.69E-02
369	489288.17, 3859921.48	0.05858	0.83783	0.01153	0.15541	2.37E-04	2.50E-02	7.35E-05	4.91E-04	2.58E-02	2.15E-04	0.00E+00	9.81E-07	1.34E-05	2.30E-04	2.74E-04	2.50E-02	7.35E-05	4.91E-04	2.58E-02
370	489338.17, 3859921.48	0.05884	0.8107	0.01194	0.14638	2.38E-04	2.42E-02	7.62E-05	4.62E-04	2.50E-02	2.16E-04	0.00E+00	1.02E-06	1.26E-05	2.30E-04	2.75E-04	2.42E-02	7.62E-05	4.62E-04	2.50E-02
371	489388.17, 3859921.48	0.05924	0.78197	0.01234	0.13789	2.39E-04	2.33E-02	7.87E-05	4.35E-04	2.41E-02	2.18E-04	0.00E+00	1.05E-06	1.19E-05	2.31E-04	2.77E-04	2.33E-02	7.87E-05	4.35E-04	2.41E-02
372	489438.17, 3859921.48	0.05979	0.75031	0.01275	0.12998	2.42E-04	2.24E-02	8.13E-05	4.10E-04	2.31E-02	2.20E-04	0.00E+00	1.08E-06	1.12E-05	2.32E-04	2.80E-04	2.24E-02	8.13E-05	4.10E-04	2.32E-02
373	489488.17, 3859921.48	0.06019	0.72663	0.01302	0.12296	2.43E-04	2.17E-02	8.30E-05	3.88E-04	2.24E-02	2.21E-04	0.00E+00	1.11E-06	1.06E-05	2.33E-04	2.81E-04	2.17E-02	8.30E-05	3.88E-04	2.24E-02
374	489538.17, 3859921.48	0.06052	0.70734	0.01319	0.11659	2.45E-04	2.11E-02	8.41E-05	3.68E-04	2.18E-02	2.23E-04	0.00E+00	1.12E-06	1.00E-05	2.34E-04	2.83E-04	2.11E-02	8.41E-05	3.68E-04	2.18E-02
375	489588.17, 3859921.48	0.06098	0.68437	0.01338	0.11063	2.46E-04	2.04E-02	8.53E-05	3.49E-04	2.11E-02	2.24E-04	0.00E+00	1.14E-06	9.53E-06	2.35E-04	2.85E-04	2.04E-02	8.53E-05	3.49E-04	2.11E-02
376	489238.17, 3859971.48	0.05697	0.89194	0.01064	0.15675	2.30E-04	2.66E-02	6.79E-05	4.95E-04	2.74E-02	2.09E-04	0.00E+00	9.05E-07	1.35E-05	2.24E-04	2.66E-04	2.66E-02	6.79E-05	4.95E-04	2.74E-02
377	489288.17, 3859971.48	0.05717	0.85779	0.01109	0.14768	2.31E-04	2.56E-02	7.07E-05	4.66E-04	2.64E-02	2.10E-04	0.00E+00	9.43E-07	1.27E-05	2.24E-04	2.67E-04	2.56E-02	7.07E-05	4.66E-04	2.64E-02
378	489338.17, 3859971.48	0.05747	0.82434	0.01155	0.13915	2.32E-04	2.46E-02	7.37E-05	4.39E-04	2.53E-02	2.11E-04	0.00E+00	9.82E-07	1.20E-05	2.24E-04	2.69E-04	2.46E-02	7.37E-05	4.39E-04	2.54E-02
379	489388.17, 3859971.48	0.05792	0.78862	0.01204	0.13113	2.34E-04	2.35E-02	7.68E-05	4.14E-04	2.43E-02	2.13E-04	0.00E+00	1.02E-06	1.13E-05	2.25E-04	2.71E-04	2.35E-02	7.68E-05	4.14E-04	2.43E-02
380	489438.17, 3859971.48	0.05848	0.74972	0.01254	0.12368	2.36E-04	2.24E-02	8.00E-05	3.91E-04	2.31E-02	2.15E-04	0.00E+00	1.07E-06	1.07E-05	2.27E-04	2.73E-04	2.24E-02	8.00E-05	3.91E-04	2.31E-02
381	489488.17, 3859971.48	0.05912	0.70612	0.01292	0.11688	2.39E-04	2.11E-02	8.24E-05	3.69E-04	2.18E-02	2.17E-04	0.00E+00	1.10E-06	1.01E-05	2.29E-04	2.76E-04	2.11E-02	8.24E-05	3.69E-04	2.18E-02
382	489538.17, 3859971.48	0.05959	0.67432	0.01302	0.11081	2.41E-04	2.01E-02	8.30E-05	3.50E-04	2.08E-02	2.19E-04	0.00E+00	1.11E-06	9.54E-06	2.30E-04	2.79E-04	2.01E-02	8.30E-05	3.50E-04	2.08E-02
383	489588.17, 3859971.48	0.06001	0.64867	0.0131	0.10529	2.43E-04	1.94E-02	8.36E-05	3.32E-04	2.00E-02	2.21E-04	0.00E+00	1.11E-06	9.07E-06	2.31E-04	2.81E-04	1.94E-02	8.36E-05	3.32E-04	2.00E-02
384	483577.7, 3854071	0.10153	0.02624	0.00387	0.01267	4.10E-04	7.83E-04	2.47E-05	4.00E-05	1.26E-03	3.73E-04	0.00E+00	3.29E-07	1.09E-06	3.75E-04	4.75E-04	7.83E-04	2.47E-05	4.00E-05	1.32E-03
385	483627.7, 3854071	0.1056	0.02573	0.00387	0.01281	4.27E-04	7.68E-04	2.47E-05	4.04E-05	1.26E-03	3.88E-04	0.00E+00	3.29E-07	1.10E-06	3.90E-04	4.94E-04	7.68E-04	2.47E-05	4.04E-05	1.33E-03
386	483677.7, 3854071	0.10906	0.02508	0.00387	0.01293	4.41E-04	7.48E-04	2.47E-05	4.08E-05	1.25E-03	4.01E-04	0.00E+00	3.29E-07	1.11E-06	4.02E-04	5.10E-04	7.48E-04	2.47E-05	4.08E-05	1.32E-03
387	483727.7, 3854071	0.11168	0.02443	0.00387	0.01306	4.51E-04	7.29E-04	2.47E-05	4.12E-05	1.25E-03	4.11E-04	0.00E+00	3.29E-07	1.12E-06	4.12E-04	5.22E-04	7.29E-04	2.47E-05	4.12E-05	1.32E-03
388	483777.7, 3854071	0.11316	0.02341	0.00388	0.01327	4.57E-04	6.98E-04	2.47E-05	4.19E-05	1.22E-03	4.16E-04	0.00E+00	3.30E-07	1.14E-06	4.18E-04	5.29E-04	6.98E-04	2.47E-05	4.19E-05	1.29E-03
389	483577.7, 3854121	0.10223	0.02711	0.00391	0.01342	4.13E-04	8.09E-04	2.49E-05	4.24E-05	1.29E-03	3.76E-04	0.00E+00	3.33E-07	1.16E-06	3.77E-04	4.78E-04	8.09E-04	2.49E-05	4.24E-05	1.35E-03
390	483627.7, 3854121	0.10674	0.02627	0.00391	0.01357	4.31E-04	7.84E-04	2.49E-05	4.28E-05	1.28E-03	3.92E-04	0.00E+00	3.33E-07	1.17E-06	3.94E-04	4.99E-04	7.84E-04	2.49E-05	4.28E-05	1.35E-03
391	483677.7, 3854121	0.11085	0.02519	0.00391	0.01371	4.48E-04	7.52E-04	2.49E-05	4.33E-05	1.27E-03	4.08E-04	0.00E+00	3.33E-07	1.18E-06	4.09E-04	5.18E-04	7.52E-04	2.49E-05	4.33E-05	1.34E-03
392	483727.7, 3854121	0.11421	0.02409	0.00391	0.01393	4.62E-04	7.19E-04	2.49E-05	4.40E-05	1.25E-03	4.20E-04	0.00E+00	3.33E-07	1.20E-06	4.21E-04	5.34E-04	7.19E-04	2.49E-05	4.40E-05	1.32E-03
393	483777.7, 3854121	0.11765	0.02342	0.00391	0.01424	4.76E-04	6.99E-04	2.49E-05	4.50E-05	1.24E-03	4.33E-04	0.00E+00	3.33E-07	1.23E-06	4.34E-04	5.50E-04	6.99E-04	2.49E-05	4.50E-05	1.32E-03
394	483577.7, 3854171	0.10294	0.02721	0.00395	0.01429	4.16E-04	8.12E-04	2.52E-05	4.51E-05	1.30E-03	3.78E-04	0.00E+00	3.36E-07	1.23E-06	3.80E-04	4.81E-04	8.12E-04	2.52E-05	4.51E-05	1.36E-03
395	483627.7, 3854171	0.10747	0.02595	0.00395	0.01446	4.34E-04	7.74E-04	2.52E-05	4.57E-05	1.28E-03	3.95E-04	0.00E+00	3.36E-07	1.25E-06	3.97E-04	5.03E-04	7.74E-04	2.52E-05	4.57E-05	1.35E-03
396	483677.7, 3854171	0.11199	0.02504	0.00395	0.01468	4.53E-04	7.47E-04	2.52E-05	4.64E-05	1.27E-03	4.12E-04	0.00E+00	3.36E-07	1.26E-06	4.13E-04	5.24E-04	7.47E-04	2.52E-05	4.64E-05	1.34E-03
397	483727.7, 3854171	0.11646	0.02432	0.00395	0.01501	4.71E-04	7.26E-04	2.52E-05	4.74E-05	1.27E-03	4.28E-04	0.00E+00	3.36E-07	1.29E-06	4.30E-04	5.45E-04	7.26E-04	2.52E-05	4.74E-05	1.34E-03
398	483777.7, 3854171	0.12015	0.02353	0.00395	0.01543	4.86E-04	7.02E-04	2.52E-05	4.87E-05	1.26E-03	4.42E-04	0.00E+00	3.36E-07	1.33E-06	4.43E-04	5.62E-04	7.02E-04	2.52E-05	4.87E-05	1.34E-03
399	483827.7, 3854171	0.12194	0.0224	0.00396	0.01589	4.93E-04	6.68E-04	2.53E-05	5.02E-05	1.24E-03	4.48E-04	0.00E+00	3.37E-07	1.37E-06	4.50E-04	5.70E-04	6.68E-04	2.53E-05	5.02E-05	1.31E-03
400	483877.7, 3854171	0.12263	0.02186	0.00396	0.0163	4.96E-04	6.52E-04	2.53E-05	5.15E-05	1.22E-03	4.51E-04	0.00E+00	3.37E-07	1.40E-06	4.53E-04	5.73E-04	6.52E-04	2.53E-05	5.15E-05	1.30E-03
401	483727.7, 3854221	0.11725	0.02475	0.00399	0.01638	4.74E-04	7.38E-04	2.55E-05	5.17E-05	1.29E-03	4.31E-04	0.00E+00	3.39E-07	1.41E-06	4.33E-04	5.48E-04	7.38E-04	2.55E-05	5.17E-05	1.36E-03
402	483777.7, 3854221	0.1215	0.0239	0.00399	0.0169	4.91E-04	7.13E-04	2.55E-05	5.34E-05	1.28E-03	4.47E-04	0.00E+00	3.39E-07	1.46E-06	4.48E-04	5.68E-04	7.13E-04	2.55E-05	5.34E-05	1.36E-03
403	483827.7, 3854221	0.12568	0.0237	0.004	0.0174	5.08E-04	7.07E-04	2.55E-05	5.49E-05	1.30E-03	4.62E-04	0.00E+00	3.40E-07	1.50E-06	4.64E-04	5.88E-04	7.07E-04	2.55E-05	5.49E-05	1.38E-03
404	483877.7, 3854221	0.12729	0.02282	0.004	0.01785	5.15E-04	6.81E-04	2.55E-05	5.64E-05	1.28E-03	4.68E-04	0.00E+00	3.40E-07	1.54E-06	4.70E-04	5.95E-04	6.81E-04	2.55E-05	5.64E-05	1.36E-03
405	489150.19, 3858726.45	0.11381	0.63731	0.05735	0.07222	4.60E-04	1.90E-02	3.66E-04	2.28E-04	2.01E-02	4.18E-04	0.00E+00	4.88E-06	6.22E-06	4.30E-04	5.32E-04	1.90E-02	3.66E-04	2.28E-04	2.01E-02
406	489200.19, 3858726.45	0.11331	0.62433	0.05938	0.07136	4.58E-04	1.86E-02	3.79E-04	2.25E-04	1.97E-02	4.17E-04	0.00E+00	5.05E-06	6.14E-06	4.28E-04	5.30E-04	1.86E-02	3.79E-04	2.25E-04	1.98E-02
407	489150.19, 3858776.45	0.11047	0.69432	0.04908	0.07584	4.47E-04	2.07E-02	3.13E-04	2.39E-04	2.17E-02	4.06E-04	0.00E+00	4.17E-06	6.53E-06	4.17E-04	5.17E-04	2.07E-02	3.13E-04	2.39E-04	2.18E-02
408	489200.19, 3858776.45	0.10996	0.67485	0.05106	0.07499	4.44E-04	2.01E-02	3.26E-04	2.37E-04	2.11E-02	4.04E-04	0.00E+00	4.34E-06	6.46E-06	4.15E-04	5.14E-04	2.01E-02	3.26E-04	2.37E-04	2.12E-02
409	488919.6, 3856400.76	0.74466	0.15134	0.01939	0.02953	3.01E-03	4.51E-03	1.24E-04	9.32E-05	7.74E-03	2.74E-03	0.00E+00	1.65E-06	2.54E-06	2.74E-03	3.48E-03	4.51E-03	1.24E-04	9.32E-05	8.21E-03

410	488919.6, 3856450.76	0.75111	0.15535	0.02006	0.02913	3.04E-03	4.63E-03	1.28E-04	9.20E-05	7.89E-03	2.76E-03	0.00E+00	1.71E-06	2.51E-06	2.77E-03	3.51E-03	4.63E-03	1.28E-04	9.20E-05	8.37E-03
411	488969.6, 3856450.76	0.7338	0.15381	0.02029	0.02893	2.97E-03	4.59E-03	1.29E-04	9.13E-05	7.78E-03	2.70E-03	0.00E+00	1.73E-06	2.49E-06	2.70E-03	3.43E-03	4.59E-03	1.29E-04	9.13E-05	8.24E-03
412	488919.6, 3856500.76	0.75574	0.15938	0.02081	0.02875	3.05E-03	4.75E-03	1.33E-04	9.08E-05	8.03E-03	2.78E-03	0.00E+00	1.77E-06	2.48E-06	2.78E-03	3.53E-03	4.75E-03	1.33E-04	9.08E-05	8.51E-03
413	488969.6, 3856500.76	0.73792	0.15808	0.02107	0.02858	2.98E-03	4.72E-03	1.34E-04	9.02E-05	7.92E-03	2.71E-03	0.00E+00	1.79E-06	2.46E-06	2.72E-03	3.45E-03	4.72E-03	1.34E-04	9.02E-05	8.39E-03
414	488919.6, 3856550.76	0.75831	0.16373	0.02166	0.02842	3.07E-03	4.88E-03	1.38E-04	8.97E-05	8.18E-03	2.79E-03	0.00E+00	1.84E-06	2.45E-06	2.79E-03	3.55E-03	4.88E-03	1.38E-04	8.97E-05	8.66E-03
415	488969.6, 3856550.76	0.73998	0.1621	0.02204	0.02828	2.99E-03	4.84E-03	1.41E-04	8.93E-05	8.06E-03	2.72E-03	0.00E+00	1.87E-06	2.44E-06	2.72E-03	3.46E-03	4.84E-03	1.41E-04	8.93E-05	8.53E-03
416	488819.6, 3856600.76	0.79805	0.17073	0.022	0.02841	3.23E-03	5.09E-03	1.40E-04	8.97E-05	8.55E-03	2.93E-03	0.00E+00	1.87E-06	2.45E-06	2.94E-03	3.73E-03	5.09E-03	1.40E-04	8.97E-05	9.06E-03
417	488869.6, 3856600.76	0.7778	0.16903	0.02233	0.02826	3.14E-03	5.04E-03	1.42E-04	8.92E-05	8.42E-03	2.86E-03	0.00E+00	1.90E-06	2.43E-06	2.86E-03	3.64E-03	5.04E-03	1.42E-04	8.92E-05	8.91E-03
418	488919.6, 3856600.76	0.75828	0.16764	0.02273	0.02813	3.07E-03	5.00E-03	1.45E-04	8.88E-05	8.30E-03	2.79E-03	0.00E+00	1.93E-06	2.42E-06	2.79E-03	3.55E-03	5.00E-03	1.45E-04	8.88E-05	8.78E-03
419	488819.6, 3856650.76	0.79621	0.17489	0.02303	0.0281	3.22E-03	5.22E-03	1.47E-04	8.87E-05	8.67E-03	2.93E-03	0.00E+00	1.96E-06	2.42E-06	2.93E-03	3.72E-03	5.22E-03	1.47E-04	8.87E-05	9.18E-03
420	488869.6, 3856650.76	0.77561	0.17311	0.02347	0.02799	3.14E-03	5.16E-03	1.50E-04	8.84E-05	8.54E-03	2.85E-03	0.00E+00	2.00E-06	2.41E-06	2.86E-03	3.63E-03	5.16E-03	1.50E-04	8.84E-05	9.03E-03
421	488819.6, 3856700.76	0.79145	0.17912	0.02427	0.02785	3.20E-03	5.34E-03	1.55E-04	8.79E-05	8.79E-03	2.91E-03	0.00E+00	2.06E-06	2.40E-06	2.91E-03	3.70E-03	5.34E-03	1.55E-04	8.79E-05	9.29E-03
422	488869.6, 3856700.76	0.7707	0.17715	0.02488	0.02777	3.12E-03	5.28E-03	1.59E-04	8.77E-05	8.65E-03	2.83E-03	0.00E+00	2.12E-06	2.39E-06	2.84E-03	3.60E-03	5.28E-03	1.59E-04	8.77E-05	9.14E-03
423	488819.6, 3856750.76	0.78387	0.18299	0.02579	0.02765	3.17E-03	5.46E-03	1.65E-04	8.73E-05	8.88E-03	2.88E-03	0.00E+00	2.19E-06	2.38E-06	2.89E-03	3.67E-03	5.46E-03	1.65E-04	8.73E-05	9.38E-03
424	488869.6, 3856750.76	0.76286	0.18133	0.02666	0.02761	3.08E-03	5.41E-03	1.70E-04	8.72E-05	8.75E-03	2.80E-03	0.00E+00	2.27E-06	2.38E-06	2.81E-03	3.57E-03	5.41E-03	1.70E-04	8.72E-05	9.23E-03
425	488819.6, 3857050.76	0.67556	0.20823	0.05002	0.02758	2.73E-03	6.21E-03	3.19E-04	8.71E-05	9.35E-03	2.48E-03	0.00E+00	4.25E-06	2.37E-06	2.49E-03	3.16E-03	6.21E-03	3.19E-04	8.71E-05	9.78E-03
426	488869.6, 3857050.76	0.65792	0.20656	0.05542	0.02762	2.66E-03	6.16E-03	3.53E-04	8.72E-05	9.26E-03	2.42E-03	0.00E+00	4.71E-06	2.38E-06	2.43E-03	3.08E-03	6.16E-03	3.53E-04	8.72E-05	9.68E-03
427	488919.6, 3857050.76	0.6414	0.20468	0.06114	0.02765	2.59E-03	6.11E-03	3.90E-04	8.73E-05	9.18E-03	2.36E-03	0.00E+00	5.20E-06	2.38E-06	2.37E-03	3.00E-03	6.11E-03	3.90E-04	8.73E-05	9.58E-03
428	488819.6, 3857100.76	0.64978	0.21264	0.05917	0.02773	2.63E-03	6.34E-03	3.77E-04	8.76E-05	9.44E-03	2.39E-03	0.00E+00	5.03E-06	2.39E-06	2.40E-03	3.04E-03	6.34E-03	3.77E-04	8.76E-05	9.85E-03
429	488869.6, 3857100.76	0.63363	0.21065	0.06567	0.02777	2.56E-03	6.28E-03	4.19E-04	8.77E-05	9.35E-03	2.33E-03	0.00E+00	5.59E-06	2.39E-06	2.34E-03	2.96E-03	6.28E-03	4.19E-04	8.77E-05	9.75E-03
430	488919.6, 3857100.76	0.61784	0.20906	0.07232	0.02779	2.50E-03	6.24E-03	4.61E-04	8.77E-05	9.28E-03	2.27E-03	0.00E+00	6.15E-06	2.39E-06	2.28E-03	2.89E-03	6.24E-03	4.61E-04	8.77E-05	9.68E-03
431	488819.6, 3857150.76	0.62297	0.21718	0.0709	0.02793	2.52E-03	6.48E-03	4.52E-04	8.82E-05	9.54E-03	2.29E-03	0.00E+00	6.03E-06	2.41E-06	2.30E-03	2.91E-03	6.48E-03	4.52E-04	8.82E-05	9.93E-03
432	488869.6, 3857150.76	0.60783	0.21537	0.07858	0.02797	2.46E-03	6.43E-03	5.01E-04	8.83E-05	9.47E-03	2.23E-03	0.00E+00	6.68E-06	2.41E-06	2.24E-03	2.84E-03	6.43E-03	5.01E-04	8.83E-05	9.86E-03
433	488919.6, 3857150.76	0.59357	0.21341	0.08613	0.02799	2.40E-03	6.37E-03	5.49E-04	8.84E-05	9.40E-03	2.18E-03	0.00E+00	7.33E-06	2.41E-06	2.19E-03	2.78E-03	6.37E-03	5.49E-04	8.84E-05	9.78E-03
434	488969.6, 3857150.76	0.57985	0.21155	0.09337	0.02801	2.34E-03	6.31E-03	5.96E-04	8.84E-05	9.34E-03	2.13E-03	0.00E+00	7.94E-06	2.41E-06	2.14E-03	2.71E-03	6.31E-03	5.96E-04	8.84E-05	9.71E-03
435	488819.6, 3857200.76	0.59542	0.22196	0.08589	0.0282	2.41E-03	6.62E-03	5.48E-04	8.90E-05	9.67E-03	2.19E-03	0.00E+00	7.30E-06	2.43E-06	2.20E-03	2.78E-03	6.62E-03	5.48E-04	8.90E-05	1.00E-02
436	488869.6, 3857200.76	0.58149	0.22019	0.09481	0.02823	2.35E-03	6.57E-03	6.05E-04	8.91E-05	9.61E-03	2.14E-03	0.00E+00	8.06E-06	2.43E-06	2.15E-03	2.72E-03	6.57E-03	6.05E-04	8.91E-05	9.98E-03
437	488919.6, 3857200.76	0.56839	0.21824	0.10339	0.02825	2.30E-03	6.51E-03	6.59E-04	8.92E-05	9.56E-03	2.09E-03	0.00E+00	8.79E-06	2.43E-06	2.10E-03	2.66E-03	6.51E-03	6.59E-04	8.92E-05	9.92E-03
438	488969.6, 3857200.76	0.55608	0.21608	0.11154	0.02827	2.25E-03	6.45E-03	7.11E-04	8.93E-05	9.49E-03	2.04E-03	0.00E+00	9.49E-06	2.43E-06	2.06E-03	2.60E-03	6.45E-03	7.11E-04	8.93E-05	9.85E-03
439	488819.6, 3857250.76	0.56773	0.22674	0.10507	0.02854	2.29E-03	6.76E-03	6.70E-04	9.01E-05	9.82E-03	2.09E-03	0.00E+00	8.94E-06	2.46E-06	2.10E-03	2.66E-03	6.76E-03	6.70E-04	9.01E-05	1.02E-02
440	488869.6, 3857250.76	0.55523	0.22483	0.11538	0.02856	2.24E-03	6.71E-03	7.36E-04	9.02E-05	9.78E-03	2.04E-03	0.00E+00	9.81E-06	2.46E-06	2.05E-03	2.60E-03	6.71E-03	7.36E-04	9.02E-05	1.01E-02
441	488919.6, 3857250.76	0.54328	0.2229	0.12523	0.02858	2.20E-03	6.65E-03	7.99E-04	9.02E-05	9.73E-03	2.00E-03	0.00E+00	1.07E-05	2.46E-06	2.01E-03	2.54E-03	6.65E-03	7.99E-04	9.02E-05	1.01E-02
442	488969.6, 3857250.76	0.53186	0.22093	0.13461	0.02859	2.15E-03	6.59E-03	8.59E-04	9.03E-05	9.69E-03	1.96E-03	0.00E+00	1.14E-05	2.46E-06	1.97E-03	2.49E-03	6.59E-03	8.59E-04	9.03E-05	1.00E-02
443	488819.6, 3857300.76	0.53962	0.23198	0.12995	0.02895	2.18E-03	6.92E-03	8.29E-04	9.14E-05	1.00E-02	1.98E-03	0.00E+00	1.11E-05	2.49E-06	2.00E-03	2.52E-03	6.92E-03	8.29E-04	9.14E-05	1.04E-02
444	488869.6, 3857300.76	0.52851	0.22997	0.14197	0.02896	2.14E-03	6.86E-03	9.06E-04	9.14E-05	9.99E-03	1.94E-03	0.00E+00	1.21E-05	2.49E-06	1.96E-03	2.47E-03	6.86E-03	9.06E-04	9.14E-05	1.03E-02
445	488919.6, 3857300.76	0.51765	0.22812	0.15346	0.02897	2.09E-03	6.81E-03	9.79E-04	9.15E-05	9.97E-03	1.90E-03	0.00E+00	1.31E-05	2.49E-06	1.92E-03	2.42E-03	6.81E-03	9.79E-04	9.15E-05	1.03E-02
446	488819.6, 3857450.76	0.45679	0.24881	0.26486	0.03065	1.85E-03	7.42E-03	1.69E-03	9.68E-05	1.11E-02	1.68E-03	0.00E+00	2.25E-05	2.64E-06	1.70E-03	2.14E-03	7.42E-03	1.69E-03	9.68E-05	1.13E-02
447	488869.6, 3857450.76	0.44963	0.24652	0.28344	0.03062	1.82E-03	7.35E-03	1.81E-03	9.67E-05	1.11E-02	1.65E-03	0.00E+00	2.41E-05	2.64E-06	1.68E-03	2.10E-03	7.35E-03	1.81E-03	9.67E-05	1.14E-02
448	488919.6, 3857450.76	0.442	0.24489	0.29982	0.03062	1.79E-03	7.31E-03	1.91E-03	9.67E-05	1.11E-02	1.63E-03	0.00E+00	2.55E-05	2.64E-06	1.65E-03	2.07E-03	7.31E-03	1.91E-03	9.67E-05	1.14E-02
449	488819.6, 3857500.76	0.4306	0.25475	0.34244	0.03139	1.74E-03	7.60E-03	2.18E-03	9.91E-05	1.16E-02	1.58E-03	0.00E+00	2.91E-05	2.70E-06	1.61E-03	2.01E-03	7.60E-03	2.18E-03	9.91E-05	1.19E-02
450	488869.6, 3857500.76	0.42409	0.25289	0.36167	0.03138	1.71E-03	7.54E-03	2.31E-03	9.91E-05	1.17E-02	1.56E-03	0.00E+00	3.08E-05	2.70E-06	1.59E-03	1.98E-03	7.54E-03	2.31E-03	9.91E-05	1.19E-02
451	488919.6, 3857500.76	0.41767	0.25109	0.37667	0.03138	1.69E-03	7.49E-03	2.40E-03	9.91E-05	1.17E-02	1.54E-03	0.00E+00	3.20E-05	2.70E-06	1.57E-03	1.95E-03	7.49E-03	2.40E-03	9.91E-05	1.19E-02
452	488819.6, 3857550.76	0.40507	0.26143	0.44273	0.03229	1.64E-03	7.80E-03	2.82E-03	1.02E-04	1.24E-02	1.49E-03	0.00E+00	3.77E-05	2.78E-06	1.53E-03	1.89E-03	7.80E-03	2.82E-03	1.02E-04	1.26E-02
453	488869.6, 3857550.76	0.39975	0.25935	0.45857	0.03229	1.62E-03	7.74E-03	2.93E-03	1.02E-04	1.24E-02	1.47E-03	0.00E+00	3.90E-05	2.78E-06	1.51E-03	1.87E-03	7.74E-03	2.93E-03	1.02E-04	1.26E-02
454	488919.6, 3857550.76	0.39414	0.25769	0.46871	0.03231	1.59E-03	7.69E-03	2.99E-03	1.02E-04	1.24E-02	1.45E-03	0.00E+00	3.99E-05	2.78E-06	1.49E-03	1.84E-03	7.69E-03	2.99E-03	1.02E-04	1.26E-02
455	489663.71, 3860900.05	0.03763	0.30082	0.00709	0.01909	1.52E-04	8.97E-03	4.52E-05	6.03E-05	9.23E-03	1.38E-04	0.00E+00	6.03E-07	1.64E-06	1.41E-04	1.76E-04	8.97E-03	4.52E-05	6.03E-05	9.26E-03
456	489813.71, 3860900.05	0.03784	0.29302	0.00792	0.01861	1.53E-04	8.74E-03	5.05E-05	5.88E-05	9.00E-03	1.39E-04	0.00E+00	6.74E-07	1.60E-06	1.41E-04	1.77E-04	8.74E-03	5.05E-05	5.88E-05	9.03E-03
457	489863.71, 3860900.05	0.03784	0.28967	0.00818	0.01845	1.53E-04	8.64E-03	5.22E-05	5.83E-05	8.91E-03	1.39E-04	0.00E+00	6.96E-07	1.59E-06	1.41E-04	1.77E-04	8.64E-03	5.22E-05	5.83E-05	8.93E-03
458	489913.71, 3860900.05	0.03794	0.28735	0.00844	0.01836	1.53E-04	8.57E-03	5.38E-05	5.80E-05	8.84E-03	1.39E-04	0.00E+00	7.18E-07	1.58E-06	1.42E-04	1.77E-04	8.57E-03	5.38E-05	5.80E-05	8.86E-03
459	489963.71, 3860900.05	0.03793	0.28391	0.00866	0.01824	1.53E-04	8.47E-03	5.52E-05	5.76E-05	8.74E-03	1.39E-04	0.00E+00	7.37E-07	1.57E-06	1.42E-04	1.77E-04	8.47E-03	5.52E-05	5.76E-05	8.76E-03
460	490013.71, 3860900.05	0.03803	0.28142	0.00887	0.01817	1.54E-04	8.40E-03	5.66E-05	5.74E-05	8.66E-03	1.40E-04	0.00E+00	7.54E-07	1.56E-06	1.42E-04	1.78E-04	8.40E-03	5.66E-05	5.74E-05	8.69E-03
461	490063.71, 3860900.05	0.03809	0.27834	0.00905	0.01808	1.54E-04	8.30E-03	5.77E-05	5.71E-05	8.57E-03	1.40E-04	0.00E+00	7.70E-07	1.56E-06	1.42E-04	1.78E-04	8.30E-03	5.77E-05	5.71E-05	8.60E-03
462	489663.71, 3860950.05	0.03691	0.27359	0.00685	0.01747	1.49E-04	8.16E-03	4.37E-05	5.52E-05	8.41E-03	1.36E-04	0.00E+00	5.83E-07	1.50E-06	1.38E-04	1.73E-04	8.16E-03	4.37E-05	5.52E-05	8.43E-03
463	489813.71, 3860950.05	0.03713	0.26815	0.00765	0.01714	1.50E-04	8.00E-03	4.88E-05	5.41E-05	8.25E-03	1.37E-04	0.00E+00	6.51E-07	1.48E-06	1.39E-04	1.74E-04	8.00E-03	4.88E-05	5.41E-05	8.28E-03
464	489863.71, 3860950.05	0.03712	0.26558	0.00791	0.01699	1.50E-04	7.92E-03	5.05E-05	5.36E-05	8.18E-03	1.36E-04	0.00E+00	6.73E-07	1.46E-06	1.39E-04	1.74E-04	7.92E-03	5.05E-05	5.36E-05	8.20E-03
465	489913.71, 3860950.05	0.0372	0.26385	0.00817	0.01691	1.50E-04	7.87E-03	5.21E-05	5.34E-05	8.13E-03	1.37E-04	0.00E+00	6.95E-07	1.46E-06	1.39E-04	1.74E-04	7.87E-03	5.21E-05	5.34E-05	8.15E-03
466	489963.71, 3860950.05	0.03722	0.26154	0.0084	0.01681	1.50E-04	7.80E-03	5.36E-05	5.31E-05	8.06E-03	1.37E-04	0.00E+00	7.14E-07	1.45E-06	1.39E-04	1.74E-04	7.80E-03	5.36E-05	5.31E-05	8.08E-03
467	490013.71, 3860950.05	0.03727	0.25949	0.00862	0.01675	1.51E-04	7.74E-03	5.50E-05	5.29E-05	8.00E-03	1.37E-04	0.00E+00	7.33E-07	1.44E-06	1.39E-04	1.74E-04	7.74E-03	5.50E-05	5.29E-05	8.02E-03
468	490063.71, 3860950.05	0.03733	0.25742	0.00881	0.0167	1.51E-04	7.68E-03	5.62E-05	5.27E-05	7.94E-03	1.37E-04	0.00E+00	7.49E-07	1.44E-06	1.39E-04	1.75E-04	7.68E-03	5.62E-05	5.27E-05	7.96E-03

469	489513.71, 3861000.05	0.03603	0.25397	0.006	0.01617	1.46E-04	7.58E-03	3.83E-05	5.11E-05	7.81E-03	1.32E-04	0.00E+00	5.10E-07	1.39E-06	1.34E-04	1.68E-04	7.58E-03	3.83E-05	5.11E-05	7.83E-03
470	489563.71, 3861000.05	0.03607	0.2527	0.00619	0.01611	1.46E-04	7.54E-03	3.95E-05	5.09E-05	7.78E-03	1.33E-04	0.00E+00	5.26E-07	1.39E-06	1.35E-04	1.69E-04	7.54E-03	3.95E-05	5.09E-05	7.80E-03
471	489613.71, 3861000.05	0.03616	0.25175	0.0064	0.01609	1.46E-04	7.51E-03	4.08E-05	5.08E-05	7.75E-03	1.33E-04	0.00E+00	5.44E-07	1.39E-06	1.35E-04	1.69E-04	7.51E-03	4.08E-05	5.08E-05	7.77E-03
472	489663.71, 3861000.05	0.03623	0.25044	0.00663	0.01604	1.46E-04	7.47E-03	4.23E-05	5.06E-05	7.71E-03	1.33E-04	0.00E+00	5.64E-07	1.38E-06	1.35E-04	1.69E-04	7.47E-03	4.23E-05	5.06E-05	7.73E-03
473	489713.71, 3861000.05	0.03627	0.24879	0.00687	0.01598	1.47E-04	7.42E-03	4.38E-05	5.05E-05	7.66E-03	1.33E-04	0.00E+00	5.84E-07	1.38E-06	1.35E-04	1.70E-04	7.42E-03	4.38E-05	5.05E-05	7.69E-03
474	489763.71, 3861000.05	0.03633	0.24735	0.00713	0.01591	1.47E-04	7.38E-03	4.55E-05	5.02E-05	7.62E-03	1.34E-04	0.00E+00	6.06E-07	1.37E-06	1.36E-04	1.70E-04	7.38E-03	4.55E-05	5.02E-05	7.64E-03
475	489813.71, 3861000.05	0.03645	0.24647	0.0074	0.01585	1.47E-04	7.35E-03	4.72E-05	5.00E-05	7.60E-03	1.34E-04	0.00E+00	6.29E-07	1.36E-06	1.36E-04	1.70E-04	7.35E-03	4.72E-05	5.00E-05	7.62E-03
476	489863.71, 3861000.05	0.03645	0.24449	0.00765	0.01574	1.47E-04	7.29E-03	4.88E-05	4.97E-05	7.54E-03	1.34E-04	0.00E+00	6.51E-07	1.36E-06	1.36E-04	1.70E-04	7.29E-03	4.88E-05	4.97E-05	7.56E-03
477	489913.71, 3861000.05	0.03653	0.24328	0.00792	0.01567	1.48E-04	7.26E-03	5.05E-05	4.95E-05	7.51E-03	1.34E-04	0.00E+00	6.74E-07	1.35E-06	1.36E-04	1.71E-04	7.26E-03	5.05E-05	4.95E-05	7.53E-03
478	489963.71, 3861000.05	0.03652	0.24138	0.00815	0.01557	1.48E-04	7.20E-03	5.20E-05	4.92E-05	7.45E-03	1.34E-04	0.00E+00	6.93E-07	1.34E-06	1.36E-04	1.71E-04	7.20E-03	5.20E-05	4.92E-05	7.47E-03
479	490013.71, 3861000.05	0.03657	0.23993	0.00838	0.01551	1.48E-04	7.16E-03	5.35E-05	4.90E-05	7.41E-03	1.34E-04	0.00E+00	7.13E-07	1.34E-06	1.36E-04	1.71E-04	7.16E-03	5.35E-05	4.90E-05	7.43E-03
480	490063.71, 3861000.05	0.0366	0.23834	0.00858	0.01546	1.48E-04	7.11E-03	5.47E-05	4.88E-05	7.36E-03	1.35E-04	0.00E+00	7.30E-07	1.33E-06	1.37E-04	1.71E-04	7.11E-03	5.47E-05	4.88E-05	7.39E-03
481	489513.71, 3861050.05	0.03541	0.23303	0.00583	0.01493	1.43E-04	6.95E-03	3.72E-05	4.71E-05	7.18E-03	1.30E-04	0.00E+00	4.96E-07	1.29E-06	1.32E-04	1.66E-04	6.95E-03	3.72E-05	4.71E-05	7.20E-03
482	489563.71, 3861050.05	0.03543	0.2321	0.00601	0.01487	1.43E-04	6.92E-03	3.83E-05	4.70E-05	7.15E-03	1.30E-04	0.00E+00	5.11E-07	1.28E-06	1.32E-04	1.66E-04	6.92E-03	3.83E-05	4.70E-05	7.18E-03
483	489613.71, 3861050.05	0.03555	0.23181	0.00621	0.01486	1.44E-04	6.92E-03	3.96E-05	4.69E-05	7.15E-03	1.31E-04	0.00E+00	5.28E-07	1.28E-06	1.33E-04	1.66E-04	6.92E-03	3.96E-05	4.69E-05	7.17E-03
484	489663.71, 3861050.05	0.03556	0.23037	0.00642	0.0148	1.44E-04	6.87E-03	4.10E-05	4.67E-05	7.10E-03	1.31E-04	0.00E+00	5.46E-07	1.27E-06	1.33E-04	1.66E-04	6.87E-03	4.10E-05	4.67E-05	7.13E-03
485	489713.71, 3861050.05	0.03559	0.22904	0.00664	0.01476	1.44E-04	6.83E-03	4.24E-05	4.66E-05	7.07E-03	1.31E-04	0.00E+00	5.65E-07	1.27E-06	1.33E-04	1.66E-04	6.83E-03	4.24E-05	4.66E-05	7.09E-03
486	489763.71, 3861050.05	0.03566	0.22803	0.00689	0.01473	1.44E-04	6.80E-03	4.39E-05	4.65E-05	7.04E-03	1.31E-04	0.00E+00	5.86E-07	1.27E-06	1.33E-04	1.67E-04	6.80E-03	4.39E-05	4.65E-05	7.06E-03
487	489813.71, 3861050.05	0.03575	0.22714	0.00715	0.0147	1.45E-04	6.78E-03	4.56E-05	4.64E-05	7.01E-03	1.31E-04	0.00E+00	6.08E-07	1.27E-06	1.33E-04	1.67E-04	6.78E-03	4.56E-05	4.64E-05	7.04E-03
488	489863.71, 3861050.05	0.03579	0.22586	0.00741	0.01463	1.45E-04	6.74E-03	4.73E-05	4.62E-05	6.98E-03	1.32E-04	0.00E+00	6.30E-07	1.26E-06	1.33E-04	1.67E-04	6.74E-03	4.73E-05	4.62E-05	7.00E-03
489	489913.71, 3861050.05	0.03583	0.2247	0.00766	0.01456	1.45E-04	6.70E-03	4.89E-05	4.60E-05	6.94E-03	1.32E-04	0.00E+00	6.51E-07	1.25E-06	1.34E-04	1.68E-04	6.70E-03	4.89E-05	4.60E-05	6.97E-03
490	489963.71, 3861050.05	0.03586	0.22347	0.0079	0.0145	1.45E-04	6.67E-03	5.04E-05	4.58E-05	6.91E-03	1.32E-04	0.00E+00	6.72E-07	1.25E-06	1.34E-04	1.68E-04	6.67E-03	5.04E-05	4.58E-05	6.93E-03
491	490013.71, 3861050.05	0.03593	0.22262	0.00814	0.01446	1.45E-04	6.64E-03	5.19E-05	4.57E-05	6.88E-03	1.32E-04	0.00E+00	6.92E-07	1.25E-06	1.34E-04	1.68E-04	6.64E-03	5.19E-05	4.57E-05	6.91E-03
492	490063.71, 3861050.05	0.03595	0.22136	0.00835	0.0144	1.45E-04	6.60E-03	5.33E-05	4.55E-05	6.85E-03	1.32E-04	0.00E+00	7.10E-07	1.24E-06	1.34E-04	1.68E-04	6.60E-03	5.33E-05	4.55E-05	6.87E-03
493	489513.71, 3861100.05	0.03486	0.21541	0.00568	0.01393	1.41E-04	6.43E-03	3.62E-05	4.40E-05	6.65E-03	1.28E-04	0.00E+00	4.83E-07	1.20E-06	1.30E-04	1.63E-04	6.43E-03	3.62E-05	4.40E-05	6.67E-03
494	489563.71, 3861100.05	0.0348	0.21418	0.00583	0.01383	1.41E-04	6.39E-03	3.72E-05	4.37E-05	6.61E-03	1.28E-04	0.00E+00	4.96E-07	1.19E-06	1.30E-04	1.63E-04	6.39E-03	3.72E-05	4.37E-05	6.63E-03
495	489613.71, 3861100.05	0.03476	0.21279	0.006	0.01374	1.41E-04	6.35E-03	3.83E-05	4.34E-05	6.57E-03	1.28E-04	0.00E+00	5.10E-07	1.18E-06	1.29E-04	1.63E-04	6.35E-03	3.83E-05	4.34E-05	6.59E-03
496	489663.71, 3861100.05	0.03483	0.21222	0.00621	0.01372	1.41E-04	6.33E-03	3.96E-05	4.33E-05	6.55E-03	1.28E-04	0.00E+00	5.28E-07	1.18E-06	1.30E-04	1.63E-04	6.33E-03	3.96E-05	4.33E-05	6.58E-03
497	489713.71, 3861100.05	0.0349	0.21157	0.00642	0.01369	1.41E-04	6.31E-03	4.10E-05	4.32E-05	6.54E-03	1.28E-04	0.00E+00	5.46E-07	1.18E-06	1.30E-04	1.63E-04	6.31E-03	4.10E-05	4.32E-05	6.56E-03
498	489763.71, 3861100.05	0.03497	0.21081	0.00666	0.01368	1.41E-04	6.29E-03	4.25E-05	4.32E-05	6.52E-03	1.29E-04	0.00E+00	5.66E-07	1.18E-06	1.30E-04	1.64E-04	6.29E-03	4.25E-05	4.32E-05	6.54E-03
499	489813.71, 3861100.05	0.03506	0.21018	0.00691	0.01367	1.42E-04	6.27E-03	4.41E-05	4.32E-05	6.50E-03	1.29E-04	0.00E+00	5.88E-07	1.18E-06	1.31E-04	1.64E-04	6.27E-03	4.41E-05	4.32E-05	6.52E-03
500	489863.71, 3861100.05	0.03517	0.20969	0.00717	0.01365	1.42E-04	6.26E-03	4.57E-05	4.31E-05	6.49E-03	1.29E-04	0.00E+00	6.10E-07	1.18E-06	1.31E-04	1.64E-04	6.26E-03	4.57E-05	4.31E-05	6.51E-03
501	489913.71, 3861100.05	0.03517	0.20846	0.00741	0.0136	1.42E-04	6.22E-03	4.73E-05	4.29E-05	6.45E-03	1.29E-04	0.00E+00	6.30E-07	1.17E-06	1.31E-04	1.64E-04	6.22E-03	4.73E-05	4.29E-05	6.47E-03
502	489963.71, 3861100.05	0.03522	0.20757	0.00766	0.01355	1.42E-04	6.19E-03	4.89E-05	4.28E-05	6.43E-03	1.29E-04	0.00E+00	6.51E-07	1.17E-06	1.31E-04	1.65E-04	6.19E-03	4.89E-05	4.28E-05	6.45E-03
503	490013.71, 3861100.05	0.03522	0.20646	0.00789	0.01349	1.42E-04	6.16E-03	5.03E-05	4.26E-05	6.39E-03	1.29E-04	0.00E+00	6.71E-07	1.16E-06	1.31E-04	1.65E-04	6.16E-03	5.03E-05	4.26E-05	6.42E-03
504	490063.71, 3861100.05	0.03525	0.20561	0.00811	0.01345	1.42E-04	6.13E-03	5.17E-05	4.25E-05	6.37E-03	1.30E-04	0.00E+00	6.90E-07	1.16E-06	1.31E-04	1.65E-04	6.13E-03	5.17E-05	4.25E-05	6.39E-03
505	489713.71, 3861150.05	0.03424	0.19637	0.00622	0.01279	1.38E-04	5.86E-03	3.97E-05	4.04E-05	6.08E-03	1.26E-04	0.00E+00	5.29E-07	1.10E-06	1.28E-04	1.60E-04	5.86E-03	3.97E-05	4.04E-05	6.10E-03
506	489763.71, 3861150.05	0.03432	0.19594	0.00644	0.01278	1.39E-04	5.85E-03	4.11E-05	4.04E-05	6.07E-03	1.26E-04	0.00E+00	5.48E-07	1.10E-06	1.28E-04	1.61E-04	5.85E-03	4.11E-05	4.04E-05	6.09E-03
507	489813.71, 3861150.05	0.03441	0.19548	0.00668	0.01277	1.39E-04	5.83E-03	4.26E-05	4.03E-05	6.05E-03	1.27E-04	0.00E+00	5.68E-07	1.10E-06	1.28E-04	1.61E-04	5.83E-03	4.26E-05	4.03E-05	6.08E-03
508	489863.71, 3861150.05	0.03447	0.19482	0.00692	0.01276	1.39E-04	5.81E-03	4.41E-05	4.03E-05	6.04E-03	1.27E-04	0.00E+00	5.89E-07	1.10E-06	1.28E-04	1.61E-04	5.81E-03	4.41E-05	4.03E-05	6.06E-03
509	489913.71, 3861150.05	0.03451	0.19402	0.00717	0.01273	1.39E-04	5.79E-03	4.57E-05	4.02E-05	6.01E-03	1.27E-04	0.00E+00	6.10E-07	1.10E-06	1.29E-04	1.61E-04	5.79E-03	4.57E-05	4.02E-05	6.04E-03
510	489963.71, 3861150.05	0.03454	0.19313	0.00741	0.01269	1.40E-04	5.76E-03	4.73E-05	4.01E-05	5.99E-03	1.27E-04	0.00E+00	6.30E-07	1.09E-06	1.29E-04	1.62E-04	5.76E-03	4.73E-05	4.01E-05	6.01E-03
511	490013.71, 3861150.05	0.03456	0.19227	0.00764	0.01265	1.40E-04	5.74E-03	4.87E-05	3.99E-05	5.96E-03	1.27E-04	0.00E+00	6.50E-07	1.09E-06	1.29E-04	1.62E-04	5.74E-03	4.87E-05	3.99E-05	5.99E-03
512	490063.71, 3861150.05	0.03461	0.19174	0.00787	0.01262	1.40E-04	5.72E-03	5.02E-05	3.98E-05	5.95E-03	1.27E-04	0.00E+00	6.69E-07	1.09E-06	1.29E-04	1.62E-04	5.72E-03	5.02E-05	3.98E-05	5.97E-03
513	489613.71, 3861200.05	0.03345	0.18327	0.00565	0.0121	1.35E-04	5.47E-03	3.60E-05	3.82E-05	5.68E-03	1.23E-04	0.00E+00	4.81E-07	1.04E-06	1.25E-04	1.56E-04	5.47E-03	3.60E-05	3.82E-05	5.70E-03
514	489663.71, 3861200.05	0.03352	0.18318	0.00583	0.01206	1.35E-04	5.46E-03	3.72E-05	3.81E-05	5.68E-03	1.23E-04	0.00E+00	4.96E-07	1.04E-06	1.25E-04	1.57E-04	5.46E-03	3.72E-05	3.81E-05	5.70E-03
515	489713.71, 3861200.05	0.0336	0.18302	0.00603	0.01203	1.36E-04	5.46E-03	3.85E-05	3.80E-05	5.67E-03	1.24E-04	0.00E+00	5.13E-07	1.04E-06	1.25E-04	1.57E-04	5.46E-03	3.85E-05	3.80E-05	5.69E-03
516	489763.71, 3861200.05	0.03368	0.18274	0.00624	0.01201	1.36E-04	5.45E-03	3.98E-05	3.79E-05	5.67E-03	1.24E-04	0.00E+00	5.31E-07	1.03E-06	1.25E-04	1.58E-04	5.45E-03	3.98E-05	3.79E-05	5.69E-03
517	489813.71, 3861200.05	0.03376	0.18244	0.00646	0.012	1.36E-04	5.44E-03	4.12E-05	3.79E-05	5.66E-03	1.24E-04	0.00E+00	5.49E-07	1.03E-06	1.26E-04	1.58E-04	5.44E-03	4.12E-05	3.79E-05	5.68E-03
518	489863.71, 3861200.05	0.03386	0.18215	0.0067	0.012	1.37E-04	5.43E-03	4.27E-05	3.79E-05	5.65E-03	1.24E-04	0.00E+00	5.70E-07	1.03E-06	1.26E-04	1.58E-04	5.43E-03	4.27E-05	3.79E-05	5.67E-03
519	489913.71, 3861200.05	0.03391	0.18147	0.00694	0.01198	1.37E-04	5.41E-03	4.43E-05	3.78E-05	5.63E-03	1.25E-04	0.00E+00	5.90E-07	1.03E-06	1.26E-04	1.59E-04	5.41E-03	4.43E-05	3.78E-05	5.65E-03
520	489963.71, 3861200.05	0.03392	0.18065	0.00718	0.01195	1.37E-04	5.39E-03	4.58E-05	3.77E-05	5.61E-03	1.25E-04	0.00E+00	6.11E-07	1.03E-06	1.26E-04	1.59E-04	5.39E-03	4.58E-05	3.77E-05	5.63E-03
521	490013.71, 3861200.05	0.03397	0.18005	0.00741	0.01192	1.37E-04	5.37E-03	4.73E-05	3.76E-05	5.59E-03	1.25E-04	0.00E+00	6.30E-07	1.03E-06	1.27E-04	1.59E-04	5.37E-03	4.73E-05	3.76E-05	5.62E-03
522	490063.71, 3861200.05	0.03399	0.17935	0.00764	0.01189	1.37E-04	5.35E-03	4.87E-05	3.75E-05	5.57E-03	1.25E-04	0.00E+00	6.50E-07	1.02E-06	1.27E-04	1.59E-04	5.35E-03	4.87E-05	3.75E-05	5.60E-03
523	489513.71, 3861250.05	0.03271	0.17092	0.00522	0.01144	1.32E-04	5.10E-03	3.33E-05	3.61E-05	5.30E-03	1.20E-04	0.00E+00	4.44E-07	9.85E-07	1.22E-04	1.53E-04	5.10E-03	3.33E-05	3.61E-05	5.32E-03
524	489563.71, 3861250.05	0.0328	0.17128	0.00535	0.01146	1.33E-04	5.11E-03	3.41E-05	3.62E-05	5.31E-03	1.21E-04	0.00E+00	4.55E-07	9.87E-07	1.22E-04	1.53E-04	5.11E-03	3.41E-05	3.62E-05	5.33E-03
525	489613.71, 3861250.05	0.03287	0.17143	0.0055	0.01145	1.33E-04	5.11E-03	3.51E-05	3.62E-05	5.32E-03	1.21E-04	0.00E+00	4.68E-07	9.86E-07	1.22E-04	1.54E-04	5.11E-03	3.51E-05	3.62E-05	5.34E-03
526	489663.71, 3861250.05	0.03292	0.17132	0.00566	0.01142	1.33E-04	5.11E-03	3.61E-05	3.61E-05	5.32E-03	1.21E-04	0.00E+00	4.81E-07	9.83E-07	1.22E-04	1.54E-04	5.11E-03	3.61E-05	3.61E-05	5.34E-03
527	489713.71, 3861250.05	0.03299	0.17124	0.00584	0.01139	1.33E-04	5.11E-03	3.73E-05	3.60E-05	5.32E-03	1.21E-04	0.00E+00	4.97E-07	9.81E-07	1.23E-04	1.54E-04	5.11E-03	3.73E-05	3.60E-05	5.34E-03

528	489763.71, 3861250.05	0.03307	0.17109	0.00604	0.01136	1.34E-04	5.10E-03	3.85E-05	3.59E-05	5.31E-03	1.22E-04	0.00E+00	5.14E-07	9.78E-07	1.23E-04	1.55E-04	5.10E-03	3.85E-05	3.59E-05	5.33E-03
529	489813.71, 3861250.05	0.03314	0.17086	0.00626	0.01134	1.34E-04	5.10E-03	3.99E-05	3.58E-05	5.31E-03	1.22E-04	0.00E+00	5.32E-07	9.76E-07	1.23E-04	1.55E-04	5.10E-03	3.99E-05	3.58E-05	5.33E-03
530	489863.71, 3861250.05	0.03322	0.17054	0.00648	0.01132	1.34E-04	5.09E-03	4.13E-05	3.57E-05	5.30E-03	1.22E-04	0.00E+00	5.51E-07	9.75E-07	1.24E-04	1.55E-04	5.09E-03	4.13E-05	3.57E-05	5.32E-03
531	489913.71, 3861250.05	0.0333	0.17023	0.00672	0.01131	1.35E-04	5.08E-03	4.29E-05	3.57E-05	5.29E-03	1.22E-04	0.00E+00	5.72E-07	9.74E-07	1.24E-04	1.56E-04	5.08E-03	4.29E-05	3.57E-05	5.31E-03
532	489963.71, 3861250.05	0.03335	0.16973	0.00695	0.0113	1.35E-04	5.06E-03	4.43E-05	3.57E-05	5.28E-03	1.23E-04	0.00E+00	5.91E-07	9.73E-07	1.24E-04	1.56E-04	5.06E-03	4.43E-05	3.57E-05	5.30E-03
533	490013.71, 3861250.05	0.03339	0.16914	0.00719	0.01128	1.35E-04	5.05E-03	4.59E-05	3.56E-05	5.26E-03	1.23E-04	0.00E+00	6.11E-07	9.71E-07	1.24E-04	1.56E-04	5.05E-03	4.59E-05	3.56E-05	5.28E-03
534	490063.71, 3861250.05	0.03339	0.16837	0.00741	0.01124	1.35E-04	5.02E-03	4.73E-05	3.55E-05	5.24E-03	1.23E-04	0.00E+00	6.30E-07	9.68E-07	1.24E-04	1.56E-04	5.02E-03	4.73E-05	3.55E-05	5.26E-03
535	489528.13, 3861308.47	0.03205	0.15846	0.0051	0.01074	1.30E-04	4.73E-03	3.25E-05	3.39E-05	4.92E-03	1.18E-04	0.00E+00	4.34E-07	9.25E-07	1.19E-04	1.50E-04	4.73E-03	3.25E-05	3.39E-05	4.94E-03
536	489578.13, 3861308.47	0.03212	0.15873	0.00523	0.01076	1.30E-04	4.74E-03	3.34E-05	3.40E-05	4.93E-03	1.18E-04	0.00E+00	4.45E-07	9.27E-07	1.19E-04	1.50E-04	4.74E-03	3.34E-05	3.40E-05	4.95E-03
537	489628.13, 3861308.47	0.03218	0.1589	0.00537	0.01077	1.30E-04	4.74E-03	3.43E-05	3.40E-05	4.94E-03	1.18E-04	0.00E+00	4.57E-07	9.27E-07	1.20E-04	1.50E-04	4.74E-03	3.43E-05	3.40E-05	4.96E-03
538	489678.13, 3861308.47	0.03225	0.15906	0.00552	0.01076	1.30E-04	4.75E-03	3.52E-05	3.40E-05	4.94E-03	1.19E-04	0.00E+00	4.69E-07	9.27E-07	1.20E-04	1.51E-04	4.75E-03	3.52E-05	3.40E-05	4.97E-03
539	489728.13, 3861308.47	0.03232	0.15909	0.0057	0.01073	1.31E-04	4.75E-03	3.64E-05	3.39E-05	4.95E-03	1.19E-04	0.00E+00	4.85E-07	9.24E-07	1.20E-04	1.51E-04	4.75E-03	3.64E-05	3.39E-05	4.97E-03
540	489778.13, 3861308.47	0.03238	0.15894	0.00588	0.0107	1.31E-04	4.74E-03	3.75E-05	3.38E-05	4.94E-03	1.19E-04	0.00E+00	5.00E-07	9.21E-07	1.20E-04	1.51E-04	4.74E-03	3.75E-05	3.38E-05	4.96E-03
541	489678.13, 3861358.47	0.03167	0.14971	0.00537	0.01025	1.28E-04	4.47E-03	3.43E-05	3.24E-05	4.66E-03	1.16E-04	0.00E+00	4.57E-07	8.83E-07	1.18E-04	1.48E-04	4.47E-03	3.43E-05	3.24E-05	4.68E-03
542	489728.13, 3861358.47	0.03173	0.14977	0.00553	0.01024	1.28E-04	4.47E-03	3.53E-05	3.23E-05	4.66E-03	1.17E-04	0.00E+00	4.70E-07	8.82E-07	1.18E-04	1.48E-04	4.47E-03	3.53E-05	3.23E-05	4.68E-03
543	489528.13, 3861408.47	0.03093	0.1405	0.00487	0.00974	1.25E-04	4.19E-03	3.11E-05	3.08E-05	4.38E-03	1.14E-04	0.00E+00	4.14E-07	8.39E-07	1.15E-04	1.45E-04	4.19E-03	3.11E-05	3.08E-05	4.40E-03
544	489578.13, 3861408.47	0.03099	0.1408	0.00497	0.00977	1.25E-04	4.20E-03	3.17E-05	3.08E-05	4.39E-03	1.14E-04	0.00E+00	4.23E-07	8.41E-07	1.15E-04	1.45E-04	4.20E-03	3.17E-05	3.08E-05	4.41E-03
545	489628.13, 3861408.47	0.0311	0.14133	0.0051	0.0098	1.26E-04	4.22E-03	3.25E-05	3.09E-05	4.41E-03	1.14E-04	0.00E+00	4.34E-07	8.44E-07	1.16E-04	1.45E-04	4.22E-03	3.25E-05	3.09E-05	4.43E-03
546	489678.13, 3861408.47	0.03113	0.14138	0.00523	0.00981	1.26E-04	4.22E-03	3.34E-05	3.10E-05	4.41E-03	1.14E-04	0.00E+00	4.45E-07	8.45E-07	1.16E-04	1.46E-04	4.22E-03	3.34E-05	3.10E-05	4.43E-03
547	489728.13, 3861408.47	0.03116	0.14139	0.00538	0.00979	1.26E-04	4.22E-03	3.43E-05	3.09E-05	4.41E-03	1.15E-04	0.00E+00	4.58E-07	8.43E-07	1.16E-04	1.46E-04	4.22E-03	3.43E-05	3.09E-05	4.43E-03
548	489528.13, 3861458.47	0.03043	0.13306	0.00477	0.00933	1.23E-04	3.97E-03	3.04E-05	2.95E-05	4.15E-03	1.12E-04	0.00E+00	4.06E-07	8.03E-07	1.13E-04	1.42E-04	3.97E-03	3.04E-05	2.95E-05	4.17E-03
549	489578.13, 3861458.47	0.03049	0.13336	0.00486	0.00936	1.23E-04	3.98E-03	3.10E-05	2.96E-05	4.16E-03	1.12E-04	0.00E+00	4.13E-07	8.06E-07	1.13E-04	1.43E-04	3.98E-03	3.10E-05	2.96E-05	4.18E-03
550	489628.13, 3861458.47	0.03054	0.13361	0.00497	0.00939	1.23E-04	3.99E-03	3.17E-05	2.96E-05	4.17E-03	1.12E-04	0.00E+00	4.23E-07	8.09E-07	1.14E-04	1.43E-04	3.99E-03	3.17E-05	2.96E-05	4.19E-03
551	489678.13, 3861458.47	0.03058	0.13375	0.00509	0.00939	1.24E-04	3.99E-03	3.25E-05	2.96E-05	4.18E-03	1.12E-04	0.00E+00	4.33E-07	8.09E-07	1.14E-04	1.43E-04	3.99E-03	3.25E-05	2.96E-05	4.20E-03
552	489728.13, 3861458.47	0.03058	0.13367	0.00523	0.00938	1.24E-04	3.99E-03	3.34E-05	2.96E-05	4.17E-03	1.12E-04	0.00E+00	4.45E-07	8.08E-07	1.14E-04	1.43E-04	3.99E-03	3.34E-05	2.96E-05	4.19E-03
553	489528.13, 3861508.47	0.02993	0.12625	0.00467	0.00895	1.21E-04	3.77E-03	2.98E-05	2.83E-05	3.95E-03	1.10E-04	0.00E+00	3.97E-07	7.71E-07	1.11E-04	1.40E-04	3.77E-03	2.98E-05	2.83E-05	3.96E-03
554	489578.13, 3861508.47	0.02997	0.12644	0.00475	0.00898	1.21E-04	3.77E-03	3.03E-05	2.84E-05	3.95E-03	1.10E-04	0.00E+00	4.04E-07	7.73E-07	1.11E-04	1.40E-04	3.77E-03	3.03E-05	2.84E-05	3.97E-03
555	489628.13, 3861508.47	0.03	0.12662	0.00485	0.00901	1.21E-04	3.78E-03	3.09E-05	2.84E-05	3.96E-03	1.10E-04	0.00E+00	4.12E-07	7.76E-07	1.11E-04	1.40E-04	3.78E-03	3.09E-05	2.84E-05	3.98E-03
556	489678.13, 3861508.47	0.03003	0.12672	0.00496	0.00902	1.21E-04	3.78E-03	3.16E-05	2.85E-05	3.96E-03	1.10E-04	0.00E+00	4.22E-07	7.77E-07	1.12E-04	1.40E-04	3.78E-03	3.16E-05	2.85E-05	3.98E-03
557	489728.13, 3861508.47	0.03005	0.12678	0.00509	0.00902	1.21E-04	3.78E-03	3.25E-05	2.85E-05	3.96E-03	1.10E-04	0.00E+00	4.33E-07	7.77E-07	1.12E-04	1.41E-04	3.78E-03	3.25E-05	2.85E-05	3.98E-03
558	489628.13, 3861558.47	0.02953	0.12051	0.00474	0.00867	1.19E-04	3.60E-03	3.02E-05	2.74E-05	3.77E-03	1.09E-04	0.00E+00	4.03E-07	7.47E-07	1.10E-04	1.38E-04	3.60E-03	3.02E-05	2.74E-05	3.79E-03
559	489678.13, 3861558.47	0.02959	0.12081	0.00485	0.0087	1.20E-04	3.60E-03	3.09E-05	2.75E-05	3.78E-03	1.09E-04	0.00E+00	4.12E-07	7.49E-07	1.10E-04	1.38E-04	3.60E-03	3.09E-05	2.75E-05	3.80E-03
560	489728.13, 3861558.47	0.02961	0.12091	0.00497	0.00871	1.20E-04	3.61E-03	3.17E-05	2.75E-05	3.79E-03	1.09E-04	0.00E+00	4.23E-07	7.50E-07	1.10E-04	1.38E-04	3.61E-03	3.17E-05	2.75E-05	3.80E-03
561	489357.08, 3861015.81	0.03568	0.2491	0.00548	0.01592	1.44E-04	7.43E-03	3.50E-05	5.03E-05	7.66E-03	1.31E-04	0.00E+00	4.66E-07	1.37E-06	1.33E-04	1.67E-04	7.43E-03	3.50E-05	5.03E-05	7.68E-03
562	489407.08, 3861015.81	0.03568	0.24803	0.0056	0.01586	1.44E-04	7.40E-03	3.57E-05	5.01E-05	7.63E-03	1.31E-04	0.00E+00	4.76E-07	1.37E-06	1.33E-04	1.67E-04	7.40E-03	3.57E-05	5.01E-05	7.65E-03
563	489457.08, 3861015.81	0.03572	0.24732	0.00575	0.0158	1.44E-04	7.38E-03	3.67E-05	4.99E-05	7.61E-03	1.31E-04	0.00E+00	4.89E-07	1.36E-06	1.33E-04	1.67E-04	7.38E-03	3.67E-05	4.99E-05	7.63E-03
564	489357.08, 3861065.81	0.03505	0.22805	0.00535	0.01467	1.42E-04	6.80E-03	3.41E-05	4.63E-05	7.03E-03	1.29E-04	0.00E+00	4.55E-07	1.26E-06	1.31E-04	1.64E-04	6.80E-03	3.41E-05	4.63E-05	7.05E-03
565	489407.08, 3861065.81	0.03504	0.22725	0.00546	0.01465	1.42E-04	6.78E-03	3.48E-05	4.63E-05	7.00E-03	1.29E-04	0.00E+00	4.64E-07	1.26E-06	1.31E-04	1.64E-04	6.78E-03	3.48E-05	4.63E-05	7.02E-03
566	489457.08, 3861065.81	0.03508	0.22684	0.0056	0.01461	1.42E-04	6.77E-03	3.57E-05	4.61E-05	6.99E-03	1.29E-04	0.00E+00	4.76E-07	1.26E-06	1.31E-04	1.64E-04	6.77E-03	3.57E-05	4.61E-05	7.01E-03
567	489357.08, 3861115.81	0.03441	0.20983	0.00523	0.01358	1.39E-04	6.26E-03	3.34E-05	4.29E-05	6.48E-03	1.27E-04	0.00E+00	4.45E-07	1.17E-06	1.28E-04	1.61E-04	6.26E-03	3.34E-05	4.29E-05	6.50E-03
568	489407.08, 3861115.81	0.03446	0.20977	0.00534	0.01362	1.39E-04	6.26E-03	3.41E-05	4.30E-05	6.47E-03	1.27E-04	0.00E+00	4.54E-07	1.17E-06	1.28E-04	1.61E-04	6.26E-03	3.41E-05	4.30E-05	6.50E-03
569	489457.08, 3861115.81	0.03451	0.20964	0.00546	0.01363	1.39E-04	6.25E-03	3.48E-05	4.30E-05	6.47E-03	1.27E-04	0.00E+00	4.64E-07	1.17E-06	1.29E-04	1.61E-04	6.25E-03	3.48E-05	4.30E-05	6.49E-03
570	489407.08, 3861165.81	0.03389	0.19453	0.00522	0.01273	1.37E-04	5.80E-03	3.33E-05	4.02E-05	6.01E-03	1.25E-04	0.00E+00	4.44E-07	1.10E-06	1.26E-04	1.58E-04	5.80E-03	3.33E-05	4.02E-05	6.04E-03
571	489457.08, 3861165.81	0.03389	0.19419	0.00532	0.01274	1.37E-04	5.79E-03	3.39E-05	4.02E-05	6.00E-03	1.25E-04	0.00E+00	4.52E-07	1.10E-06	1.26E-04	1.58E-04	5.79E-03	3.39E-05	4.02E-05	6.03E-03
572	489407.08, 3861215.81	0.03314	0.17985	0.00508	0.01188	1.34E-04	5.37E-03	3.24E-05	3.75E-05	5.57E-03	1.22E-04	0.00E+00	4.32E-07	1.02E-06	1.23E-04	1.55E-04	5.37E-03	3.24E-05	3.75E-05	5.59E-03
573	489457.08, 3861215.81	0.03317	0.17981	0.00518	0.01192	1.34E-04	5.36E-03	3.30E-05	3.76E-05	5.57E-03	1.22E-04	0.00E+00	4.41E-07	1.03E-06	1.23E-04	1.55E-04	5.36E-03	3.30E-05	3.76E-05	5.59E-03
574	489407.08, 3861265.81	0.03241	0.16691	0.00496	0.01115	1.31E-04	4.98E-03	3.16E-05	3.52E-05	5.18E-03	1.19E-04	0.00E+00	4.22E-07	9.60E-07	1.21E-04	1.52E-04	4.98E-03	3.16E-05	3.52E-05	5.20E-03
575	489457.08, 3861265.81	0.03248	0.16723	0.00505	0.0112	1.31E-04	4.99E-03	3.22E-05	3.54E-05	5.19E-03	1.19E-04	0.00E+00	4.29E-07	9.64E-07	1.21E-04	1.52E-04	4.99E-03	3.22E-05	3.54E-05	5.21E-03
576	489309.86, 3861110.14	0.03441	0.21154	0.00516	0.01362	1.39E-04	6.31E-03	3.29E-05	4.30E-05	6.53E-03	1.27E-04	0.00E+00	4.39E-07	1.17E-06	1.28E-04	1.61E-04	6.31E-03	3.29E-05	4.30E-05	6.55E-03
577	489407.08, 3861315.81	0.03183	0.15641	0.00486	0.01056	1.29E-04	4.67E-03	3.10E-05	3.33E-05	4.86E-03	1.17E-04	0.00E+00	4.13E-07	9.09E-07	1.18E-04	1.49E-04	4.67E-03	3.10E-05	3.33E-05	4.88E-03
578	489457.08, 3861315.81	0.03191	0.15679	0.00494	0.01061	1.29E-04	4.68E-03	3.15E-05	3.35E-05	4.87E-03	1.17E-04	0.00E+00	4.20E-07	9.14E-07	1.19E-04	1.49E-04	4.68E-03	3.15E-05	3.35E-05	4.89E-03
579	488906.03, 3861006.75	0.03536	0.25609	0.00536	0.01556	1.43E-04	7.64E-03	3.42E-05	4.91E-05	7.87E-03	1.30E-04	0.00E+00	4.56E-07	1.34E-06	1.32E-04	1.65E-04	7.64E-03	3.42E-05	4.91E-05	7.89E-03
580	488956.03, 3861006.75	0.03559	0.2574	0.00531	0.01562	1.44E-04	7.68E-03	3.39E-05	4.93E-05	7.91E-03	1.31E-04	0.00E+00	4.52E-07	1.35E-06	1.33E-04	1.66E-04	7.68E-03	3.39E-05	4.93E-05	7.93E-03
581	488904.24, 3861051.87	0.03524	0.23602	0.00539	0.01457	1.42E-04	7.04E-03	3.44E-05	4.60E-05	7.26E-03	1.30E-04	0.00E+00	4.58E-07	1.25E-06	1.31E-04	1.65E-04	7.04E-03	3.44E-05	4.60E-05	7.29E-03
582	488954.24, 3861051.87	0.03514	0.23645	0.00528	0.01456	1.42E-04	7.05E-03	3.37E-05	4.60E-05	7.28E-03	1.29E-04	0.00E+00	4.49E-07	1.25E-06	1.31E-04	1.64E-04	7.05E-03	3.37E-05	4.60E-05	7.30E-03
583	489004.24, 3861051.87	0.03541	0.23711	0.00525	0.01461	1.43E-04	7.07E-03	3.35E-05	4.61E-05	7.30E-03	1.30E-04	0.00E+00	4.46E-07	1.26E-06	1.32E-04	1.66E-04	7.07E-03	3.35E-05	4.61E-05	7.32E-03
584	488804.24, 3861101.87	0.03402	0.21396	0.00545	0.01403	1.38E-04	6.38E-03	3.48E-05	4.43E-05	6.60E-03	1.25E-04	0.00E+00	4.64E-07	1.21E-06	1.27E-04	1.59E-04	6.38E-03	3.48E-05	4.43E-05	6.62E-03
585	488854.24, 3861101.87	0.03425	0.21491	0.00538	0.0138	1.38E-04	6.41E-03	3.43E-05	4.36E-05	6.63E-03	1.26E-04	0.00E+00	4.58E-07	1.19E-06	1.28E-04	1.60E-04	6.41E-03	3.43E-05	4.36E-05	6.65E-03
586	488904.24, 3861101.87	0.034	0.21338	0.00525	0.01346	1.37E-04	6.37E-03	3.35E-05	4.25E-05	6.58E-03	1.25E-04	0.00E+00	4.46E-07	1.16E-06	1.27E-04	1.59E-04	6.37E-03	3.35E-05	4.25E-05	6.60E-03

587	488954.24, 3861101.87	0.03401	0.21296	0.00517	0.01333	1.37E-04	6.35E-03	3.30E-05	4.21E-05	6.57E-03	1.25E-04	0.00E+00	4.40E-07	1.15E-06	1.27E-04	1.59E-04	6.35E-03	3.30E-05	4.21E-05	6.59E-03
588	489004.24, 3861101.87	0.03413	0.21349	0.00512	0.01333	1.38E-04	6.37E-03	3.27E-05	4.21E-05	6.58E-03	1.25E-04	0.00E+00	4.35E-07	1.15E-06	1.27E-04	1.60E-04	6.37E-03	3.27E-05	4.21E-05	6.60E-03
589	488804.24, 3861151.87	0.03288	0.1933	0.00532	0.01296	1.33E-04	5.77E-03	3.39E-05	4.09E-05	5.97E-03	1.21E-04	0.00E+00	4.52E-07	1.12E-06	1.22E-04	1.54E-04	5.77E-03	3.39E-05	4.09E-05	6.00E-03
590	488854.24, 3861151.87	0.03294	0.19327	0.00524	0.0127	1.33E-04	5.77E-03	3.34E-05	4.01E-05	5.97E-03	1.21E-04	0.00E+00	4.46E-07	1.09E-06	1.23E-04	1.54E-04	5.77E-03	3.34E-05	4.01E-05	5.99E-03
591	489129.49, 3861187.55	0.03306	0.18493	0.00491	0.01191	1.34E-04	5.52E-03	3.13E-05	3.76E-05	5.72E-03	1.22E-04	0.00E+00	4.18E-07	1.03E-06	1.23E-04	1.55E-04	5.52E-03	3.13E-05	3.76E-05	5.74E-03
592	489179.49, 3861187.55	0.03313	0.18523	0.0049	0.01199	1.34E-04	5.53E-03	3.13E-05	3.79E-05	5.73E-03	1.22E-04	0.00E+00	4.17E-07	1.03E-06	1.23E-04	1.55E-04	5.53E-03	3.13E-05	3.79E-05	5.75E-03
593	488804.24, 3861201.87	0.03226	0.17899	0.00528	0.01223	1.30E-04	5.34E-03	3.37E-05	3.86E-05	5.54E-03	1.19E-04	0.00E+00	4.49E-07	1.05E-06	1.20E-04	1.51E-04	5.34E-03	3.37E-05	3.86E-05	5.56E-03
594	488854.24, 3861201.87	0.03224	0.17821	0.00518	0.01196	1.30E-04	5.32E-03	3.30E-05	3.78E-05	5.52E-03	1.19E-04	0.00E+00	4.41E-07	1.03E-06	1.20E-04	1.51E-04	5.32E-03	3.30E-05	3.78E-05	5.54E-03
595	489129.49, 3861237.55	0.03252	0.17253	0.00486	0.01121	1.31E-04	5.15E-03	3.10E-05	3.54E-05	5.34E-03	1.20E-04	0.00E+00	4.13E-07	9.65E-07	1.21E-04	1.52E-04	5.15E-03	3.10E-05	3.54E-05	5.37E-03
596	489179.49, 3861237.55	0.03252	0.17232	0.00483	0.01126	1.31E-04	5.14E-03	3.08E-05	3.56E-05	5.34E-03	1.20E-04	0.00E+00	4.11E-07	9.70E-07	1.21E-04	1.52E-04	5.14E-03	3.08E-05	3.56E-05	5.36E-03
597	488804.24, 3861251.87	0.0317	0.16688	0.00523	0.01159	1.28E-04	4.98E-03	3.34E-05	3.66E-05	5.18E-03	1.17E-04	0.00E+00	4.45E-07	9.98E-07	1.18E-04	1.48E-04	4.98E-03	3.34E-05	3.66E-05	5.20E-03
598	488854.24, 3861251.87	0.03165	0.16602	0.00514	0.01133	1.28E-04	4.95E-03	3.28E-05	3.58E-05	5.15E-03	1.16E-04	0.00E+00	4.37E-07	9.76E-07	1.18E-04	1.48E-04	4.95E-03	3.28E-05	3.58E-05	5.17E-03
599	488804.24, 3861301.87	0.03106	0.15565	0.00518	0.01099	1.26E-04	4.64E-03	3.30E-05	3.47E-05	4.84E-03	1.14E-04	0.00E+00	4.41E-07	9.46E-07	1.16E-04	1.45E-04	4.64E-03	3.30E-05	3.47E-05	4.86E-03
600	488854.24, 3861301.87	0.03107	0.15534	0.00509	0.01077	1.26E-04	4.63E-03	3.25E-05	3.40E-05	4.83E-03	1.14E-04	0.00E+00	4.33E-07	9.27E-07	1.16E-04	1.45E-04	4.63E-03	3.25E-05	3.40E-05	4.85E-03
601	490943.5, 3860181.97	0.04955	0.36777	0.01351	0.0374	2.00E-04	1.10E-02	8.62E-05	1.18E-04	1.14E-02	1.82E-04	0.00E+00	1.15E-06	3.22E-06	1.87E-04	2.32E-04	1.10E-02	8.62E-05	1.18E-04	1.14E-02
602	490993.5, 3860181.97	0.04926	0.3601	0.01352	0.03667	1.99E-04	1.07E-02	8.62E-05	1.16E-04	1.11E-02	1.81E-04	0.00E+00	1.15E-06	3.16E-06	1.85E-04	2.30E-04	1.07E-02	8.62E-05	1.16E-04	1.12E-02
603	491043.5, 3860181.97	0.04899	0.35273	0.01355	0.03597	1.98E-04	1.05E-02	8.64E-05	1.14E-04	1.09E-02	1.80E-04	0.00E+00	1.15E-06	3.10E-06	1.84E-04	2.29E-04	1.05E-02	8.64E-05	1.14E-04	1.10E-02
604	491093.5, 3860181.97	0.04871	0.34541	0.01357	0.03524	1.97E-04	1.03E-02	8.66E-05	1.11E-04	1.07E-02	1.79E-04	0.00E+00	1.15E-06	3.03E-06	1.83E-04	2.28E-04	1.03E-02	8.66E-05	1.11E-04	1.07E-02
605	490943.5, 3860231.97	0.04884	0.36074	0.01319	0.03556	1.97E-04	1.08E-02	8.41E-05	1.12E-04	1.12E-02	1.80E-04	0.00E+00	1.12E-06	3.06E-06	1.84E-04	2.28E-04	1.08E-02	8.41E-05	1.12E-04	1.12E-02
606	490993.5, 3860231.97	0.04861	0.35356	0.01322	0.03503	1.96E-04	1.05E-02	8.43E-05	1.11E-04	1.09E-02	1.79E-04	0.00E+00	1.12E-06	3.02E-06	1.83E-04	2.27E-04	1.05E-02	8.43E-05	1.11E-04	1.10E-02
607	491043.5, 3860231.97	0.04825	0.34606	0.0132	0.0343	1.95E-04	1.03E-02	8.42E-05	1.08E-04	1.07E-02	1.77E-04	0.00E+00	1.12E-06	2.95E-06	1.81E-04	2.26E-04	1.03E-02	8.42E-05	1.08E-04	1.07E-02
608	491093.5, 3860231.97	0.04792	0.3388	0.01319	0.03361	1.94E-04	1.01E-02	8.41E-05	1.06E-04	1.05E-02	1.76E-04	0.00E+00	1.12E-06	2.89E-06	1.80E-04	2.24E-04	1.01E-02	8.41E-05	1.06E-04	1.05E-02
609	490943.5, 3860281.97	0.04818	0.35287	0.0129	0.03372	1.95E-04	1.05E-02	8.23E-05	1.06E-04	1.09E-02	1.77E-04	0.00E+00	1.10E-06	2.90E-06	1.81E-04	2.25E-04	1.05E-02	8.23E-05	1.06E-04	1.09E-02
610	490993.5, 3860281.97	0.04791	0.34581	0.01291	0.03321	1.94E-04	1.03E-02	8.23E-05	1.05E-04	1.07E-02	1.76E-04	0.00E+00	1.10E-06	2.86E-06	1.80E-04	2.24E-04	1.03E-02	8.23E-05	1.05E-04	1.07E-02
611	491043.5, 3860281.97	0.04756	0.33863	0.01289	0.0326	1.92E-04	1.01E-02	8.22E-05	1.03E-04	1.05E-02	1.75E-04	0.00E+00	1.10E-06	2.81E-06	1.79E-04	2.22E-04	1.01E-02	8.22E-05	1.03E-04	1.05E-02
612	491093.5, 3860281.97	0.04723	0.33165	0.01287	0.032	1.91E-04	9.89E-03	8.21E-05	1.01E-04	1.03E-02	1.74E-04	0.00E+00	1.09E-06	2.76E-06	1.77E-04	2.21E-04	9.89E-03	8.21E-05	1.01E-04	1.03E-02
613	490943.5, 3860331.97	0.04755	0.34414	0.01263	0.03191	1.92E-04	1.03E-02	8.06E-05	1.01E-04	1.06E-02	1.75E-04	0.00E+00	1.07E-06	2.75E-06	1.79E-04	2.22E-04	1.03E-02	8.06E-05	1.01E-04	1.07E-02
614	490993.5, 3860331.97	0.04717	0.33694	0.01261	0.03135	1.91E-04	1.01E-02	8.04E-05	9.90E-05	1.04E-02	1.73E-04	0.00E+00	1.07E-06	2.70E-06	1.77E-04	2.21E-04	1.01E-02	8.04E-05	9.90E-05	1.05E-02
615	491043.5, 3860331.97	0.04682	0.33004	0.01258	0.03082	1.89E-04	9.85E-03	8.02E-05	9.73E-05	1.02E-02	1.72E-04	0.00E+00	1.07E-06	2.65E-06	1.76E-04	2.19E-04	9.85E-03	8.02E-05	9.73E-05	1.02E-02
616	491093.5, 3860331.97	0.04649	0.3234	0.01256	0.03031	1.88E-04	9.65E-03	8.01E-05	9.57E-05	1.00E-02	1.71E-04	0.00E+00	1.07E-06	2.61E-06	1.75E-04	2.17E-04	9.65E-03	8.01E-05	9.57E-05	1.00E-02
617	490086.72, 3859935.12	0.06046	0.5644	0.01436	0.07226	2.44E-04	1.68E-02	9.16E-05	2.28E-04	1.74E-02	2.22E-04	0.00E+00	1.22E-06	6.22E-06	2.30E-04	2.83E-04	1.68E-02	9.16E-05	2.28E-04	1.74E-02
618	490136.72, 3859935.12	0.06013	0.55188	0.01456	0.06984	2.43E-04	1.65E-02	9.29E-05	2.21E-04	1.70E-02	2.21E-04	0.00E+00	1.24E-06	6.01E-06	2.28E-04	2.81E-04	1.65E-02	9.29E-05	2.21E-04	1.71E-02
619	490186.72, 3859935.12	0.05975	0.53966	0.01476	0.06757	2.42E-04	1.61E-02	9.41E-05	2.13E-04	1.66E-02	2.20E-04	0.00E+00	1.26E-06	5.82E-06	2.27E-04	2.79E-04	1.61E-02	9.41E-05	2.13E-04	1.67E-02
620	490236.72, 3859935.12	0.05933	0.52774	0.01493	0.06546	2.40E-04	1.57E-02	9.52E-05	2.07E-04	1.63E-02	2.18E-04	0.00E+00	1.27E-06	5.64E-06	2.25E-04	2.77E-04	1.57E-02	9.52E-05	2.07E-04	1.63E-02
621	490286.72, 3859935.12	0.05885	0.51624	0.01506	0.06351	2.38E-04	1.54E-02	9.61E-05	2.01E-04	1.59E-02	2.16E-04	0.00E+00	1.28E-06	5.47E-06	2.23E-04	2.75E-04	1.54E-02	9.61E-05	2.01E-04	1.60E-02
622	490336.72, 3859935.12	0.05835	0.50504	0.01515	0.06169	2.36E-04	1.51E-02	9.66E-05	1.95E-04	1.56E-02	2.15E-04	0.00E+00	1.29E-06	5.31E-06	2.21E-04	2.73E-04	1.51E-02	9.66E-05	1.95E-04	1.56E-02
623	490386.72, 3859935.12	0.05789	0.49405	0.01524	0.05994	2.34E-04	1.47E-02	9.72E-05	1.89E-04	1.53E-02	2.13E-04	0.00E+00	1.30E-06	5.16E-06	2.19E-04	2.71E-04	1.47E-02	9.72E-05	1.89E-04	1.53E-02
624	490436.72, 3859935.12	0.05741	0.48341	0.01529	0.05832	2.32E-04	1.44E-02	9.75E-05	1.84E-04	1.49E-02	2.11E-04	0.00E+00	1.30E-06	5.02E-06	2.17E-04	2.68E-04	1.44E-02	9.75E-05	1.84E-04	1.50E-02
625	490486.72, 3859935.12	0.05696	0.47304	0.01534	0.05676	2.30E-04	1.41E-02	9.78E-05	1.79E-04	1.46E-02	2.09E-04	0.00E+00	1.30E-06	4.89E-06	2.16E-04	2.66E-04	1.41E-02	9.78E-05	1.79E-04	1.47E-02
626	490536.72, 3859935.12	0.05669	0.46269	0.01545	0.05516	2.29E-04	1.38E-02	9.85E-05	1.74E-04	1.43E-02	2.08E-04	0.00E+00	1.31E-06	4.75E-06	2.14E-04	2.65E-04	1.38E-02	9.85E-05	1.74E-04	1.43E-02
627	490586.72, 3859935.12	0.05649	0.4525	0.01559	0.0536	2.28E-04	1.35E-02	9.94E-05	1.69E-04	1.40E-02	2.08E-04	0.00E+00	1.33E-06	4.62E-06	2.14E-04	2.64E-04	1.35E-02	9.94E-05	1.69E-04	1.40E-02
628	490636.72, 3859935.12	0.05619	0.44291	0.01567	0.05224	2.27E-04	1.32E-02	1.00E-04	1.65E-04	1.37E-02	2.07E-04	0.00E+00	1.33E-06	4.50E-06	2.12E-04	2.63E-04	1.32E-02	1.00E-04	1.65E-04	1.37E-02
629	490686.72, 3859935.12	0.05612	0.43219	0.01586	0.05081	2.27E-04	1.29E-02	1.01E-04	1.60E-04	1.34E-02	2.06E-04	0.00E+00	1.35E-06	4.38E-06	2.12E-04	2.62E-04	1.29E-02	1.01E-04	1.60E-04	1.34E-02
630	490736.72, 3859935.12	0.05597	0.42259	0.016	0.04954	2.26E-04	1.26E-02	1.02E-04	1.56E-04	1.31E-02	2.06E-04	0.00E+00	1.36E-06	4.27E-06	2.11E-04	2.62E-04	1.26E-02	1.02E-04	1.56E-04	1.31E-02
631	490086.72, 3859985.12	0.05934	0.56489	0.01384	0.06943	2.40E-04	1.69E-02	8.83E-05	2.19E-04	1.74E-02	2.18E-04	0.00E+00	1.18E-06	5.98E-06	2.25E-04	2.78E-04	1.69E-02	8.83E-05	2.19E-04	1.74E-02
632	490136.72, 3859985.12	0.05907	0.55192	0.01403	0.06718	2.39E-04	1.65E-02	8.95E-05	2.12E-04	1.70E-02	2.17E-04	0.00E+00	1.19E-06	5.78E-06	2.24E-04	2.76E-04	1.65E-02	8.95E-05	2.12E-04	1.70E-02
633	490186.72, 3859985.12	0.05879	0.53911	0.01424	0.06502	2.38E-04	1.61E-02	9.08E-05	2.05E-04	1.66E-02	2.16E-04	0.00E+00	1.21E-06	5.60E-06	2.23E-04	2.75E-04	1.61E-02	9.08E-05	2.05E-04	1.67E-02
634	490236.72, 3859985.12	0.05849	0.5266	0.01445	0.06297	2.36E-04	1.57E-02	9.22E-05	1.99E-04	1.62E-02	2.15E-04	0.00E+00	1.23E-06	5.42E-06	2.22E-04	2.74E-04	1.57E-02	9.22E-05	1.99E-04	1.63E-02
635	490286.72, 3859985.12	0.05807	0.51474	0.0146	0.06113	2.35E-04	1.54E-02	9.31E-05	1.93E-04	1.59E-02	2.13E-04	0.00E+00	1.24E-06	5.26E-06	2.20E-04	2.72E-04	1.54E-02	9.31E-05	1.93E-04	1.59E-02
636	490336.72, 3859985.12	0.0576	0.50324	0.01471	0.05941	2.33E-04	1.50E-02	9.38E-05	1.88E-04	1.55E-02	2.12E-04	0.00E+00	1.25E-06	5.12E-06	2.18E-04	2.69E-04	1.50E-02	9.38E-05	1.88E-04	1.56E-02
637	490386.72, 3859985.12	0.05706	0.49219	0.01477	0.05784	2.31E-04	1.47E-02	9.42E-05	1.83E-04	1.52E-02	2.10E-04	0.00E+00	1.26E-06	4.98E-06	2.16E-04	2.67E-04	1.47E-02	9.42E-05	1.83E-04	1.52E-02
638	490436.72, 3859985.12	0.05657	0.48132	0.01483	0.05631	2.29E-04	1.44E-02	9.46E-05	1.78E-04	1.49E-02	2.08E-04	0.00E+00	1.26E-06	4.85E-06	2.14E-04	2.65E-04	1.44E-02	9.46E-05	1.78E-04	1.49E-02
639	490486.72, 3859985.12	0.05612	0.47073	0.01489	0.05483	2.27E-04	1.40E-02	9.50E-05	1.73E-04	1.45E-02	2.06E-04	0.00E+00	1.27E-06	4.72E-06	2.12E-04	2.62E-04	1.40E-02	9.50E-05	1.73E-04	1.46E-02
640	490536.72, 3859985.12	0.05576	0.46037	0.01496	0.05338	2.25E-04	1.37E-02	9.54E-05	1.69E-04	1.42E-02	2.05E-04	0.00E+00	1.27E-06	4.60E-06	2.11E-04	2.61E-04	1.37E-02	9.54E-05	1.69E-04	1.43E-02
641	490586.72, 3859985.12	0.05546	0.45024	0.01505	0.05196	2.24E-04	1.34E-02	9.60E-05	1.64E-04	1.39E-02	2.04E-04	0.00E+00	1.28E-06	4.47E-06	2.10E-04	2.59E-04	1.34E-02	9.60E-05	1.64E-04	1.40E-02
642	490636.72, 3859985.12	0.05524	0.44032	0.01515	0.05056	2.23E-04	1.31E-02	9.66E-05	1.60E-04	1.36E-02	2.03E-04	0.00E+00	1.29E-06	4.35E-06	2.09E-04	2.58E-04	1.31E-02	9.66E-05	1.60E-04	1.37E-02
643	490686.72, 3859985.12	0.05515	0.42977	0.01533	0.04917	2.23E-04	1.28E-02	9.78E-05	1.55E-04	1.33E-02	2.03E-04	0.00E+00	1.30E-06	4.23E-06	2.08E-04	2.58E-04	1.28E-02	9.78E-05	1.55E-04	1.33E-02
644	490736.72, 3859985.12	0.05485	0.42078	0.01538	0.04803	2.22E-04	1.26E-02	9.81E-05	1.52E-04	1.30E-02	2.02E-04	0.00E+00	1.31E-06	4.14E-06	2.07E-04	2.57E-04	1.26E-02	9.81E-05	1.52E-04	1.31E-02
645	490786.72, 3859985.12	0.05459	0.41212	0.01545	0.04695	2.21E-04	1.23E-02	9.85E-05	1.48E-04	1.28E-02	2.01E-04	0.00E+00	1.31E-06	4.04E-06	2.06E-04	2.55E-04	1.23E-02	9.85E-05	1.48E-04	1.28E-02

646	490086.72, 3860035.12	0.05817	0.5654	0.01337	0.06634	2.35E-04	1.69E-02	8.53E-05	2.09E-04	1.74E-02	2.14E-04	0.00E+00	1.14E-06	5.71E-06	2.21E-04	2.72E-04	1.69E-02	8.53E-05	2.09E-04	1.74E-02
647	490136.72, 3860035.12	0.05799	0.5517	0.01355	0.06425	2.34E-04	1.65E-02	8.64E-05	2.03E-04	1.70E-02	2.13E-04	0.00E+00	1.15E-06	5.53E-06	2.20E-04	2.71E-04	1.65E-02	8.64E-05	2.03E-04	1.70E-02
648	490186.72, 3860035.12	0.05777	0.53839	0.01374	0.06227	2.34E-04	1.61E-02	8.76E-05	1.97E-04	1.66E-02	2.12E-04	0.00E+00	1.17E-06	5.36E-06	2.19E-04	2.70E-04	1.61E-02	8.76E-05	1.97E-04	1.66E-02
649	490236.72, 3860035.12	0.05749	0.52551	0.01393	0.06041	2.32E-04	1.57E-02	8.89E-05	1.91E-04	1.62E-02	2.11E-04	0.00E+00	1.18E-06	5.20E-06	2.18E-04	2.69E-04	1.57E-02	8.89E-05	1.91E-04	1.62E-02
650	490286.72, 3860035.12	0.05712	0.51317	0.01409	0.0587	2.31E-04	1.53E-02	8.99E-05	1.85E-04	1.58E-02	2.10E-04	0.00E+00	1.20E-06	5.05E-06	2.16E-04	2.67E-04	1.53E-02	8.99E-05	1.85E-04	1.59E-02
651	490336.72, 3860035.12	0.05678	0.50108	0.01425	0.05702	2.30E-04	1.49E-02	9.09E-05	1.80E-04	1.54E-02	2.09E-04	0.00E+00	1.21E-06	4.91E-06	2.15E-04	2.66E-04	1.49E-02	9.09E-05	1.80E-04	1.55E-02
652	490386.72, 3860035.12	0.05628	0.48968	0.01433	0.05555	2.27E-04	1.46E-02	9.14E-05	1.75E-04	1.51E-02	2.07E-04	0.00E+00	1.22E-06	4.78E-06	2.13E-04	2.63E-04	1.46E-02	9.14E-05	1.75E-04	1.51E-02
653	490436.72, 3860035.12	0.05579	0.47855	0.0144	0.05413	2.26E-04	1.43E-02	9.19E-05	1.71E-04	1.48E-02	2.05E-04	0.00E+00	1.22E-06	4.66E-06	2.11E-04	2.61E-04	1.43E-02	9.19E-05	1.71E-04	1.48E-02
654	490486.72, 3860035.12	0.05533	0.46775	0.01446	0.05276	2.24E-04	1.40E-02	9.22E-05	1.67E-04	1.44E-02	2.03E-04	0.00E+00	1.23E-06	4.54E-06	2.09E-04	2.59E-04	1.40E-02	9.22E-05	1.67E-04	1.45E-02
655	490536.72, 3860035.12	0.05494	0.45723	0.01453	0.05141	2.22E-04	1.36E-02	9.27E-05	1.62E-04	1.41E-02	2.02E-04	0.00E+00	1.24E-06	4.43E-06	2.08E-04	2.57E-04	1.36E-02	9.27E-05	1.62E-04	1.42E-02
656	490586.72, 3860035.12	0.05456	0.44708	0.01458	0.05013	2.21E-04	1.33E-02	9.30E-05	1.58E-04	1.38E-02	2.01E-04	0.00E+00	1.24E-06	4.32E-06	2.06E-04	2.55E-04	1.33E-02	9.30E-05	1.58E-04	1.38E-02
657	490636.72, 3860035.12	0.05413	0.43734	0.0146	0.04897	2.19E-04	1.30E-02	9.31E-05	1.55E-04	1.35E-02	1.99E-04	0.00E+00	1.24E-06	4.22E-06	2.04E-04	2.53E-04	1.30E-02	9.31E-05	1.55E-04	1.35E-02
658	490686.72, 3860035.12	0.05388	0.42776	0.01468	0.04775	2.18E-04	1.28E-02	9.36E-05	1.51E-04	1.32E-02	1.98E-04	0.00E+00	1.25E-06	4.11E-06	2.03E-04	2.52E-04	1.28E-02	9.36E-05	1.51E-04	1.33E-02
659	490736.72, 3860035.12	0.05381	0.41813	0.01484	0.04645	2.18E-04	1.25E-02	9.47E-05	1.47E-04	1.29E-02	1.98E-04	0.00E+00	1.26E-06	4.00E-06	2.03E-04	2.52E-04	1.25E-02	9.47E-05	1.47E-04	1.30E-02
660	490786.72, 3860035.12	0.05351	0.40932	0.01488	0.04542	2.16E-04	1.22E-02	9.49E-05	1.43E-04	1.27E-02	1.97E-04	0.00E+00	1.27E-06	3.91E-06	2.02E-04	2.50E-04	1.22E-02	9.49E-05	1.43E-04	1.27E-02
661	490836.72, 3860035.12	0.05323	0.40088	0.01492	0.04447	2.15E-04	1.20E-02	9.52E-05	1.40E-04	1.24E-02	1.96E-04	0.00E+00	1.27E-06	3.83E-06	2.01E-04	2.49E-04	1.20E-02	9.52E-05	1.40E-04	1.24E-02
662	490086.72, 3860085.12	0.05715	0.56339	0.01303	0.0629	2.31E-04	1.68E-02	8.31E-05	1.99E-04	1.73E-02	2.10E-04	0.00E+00	1.11E-06	5.42E-06	2.17E-04	2.67E-04	1.68E-02	8.31E-05	1.99E-04	1.74E-02
663	490136.72, 3860085.12	0.05686	0.55106	0.0131	0.06115	2.30E-04	1.64E-02	8.36E-05	1.93E-04	1.69E-02	2.09E-04	0.00E+00	1.11E-06	5.27E-06	2.15E-04	2.66E-04	1.64E-02	8.36E-05	1.93E-04	1.70E-02
664	490186.72, 3860085.12	0.05677	0.53682	0.0133	0.05927	2.29E-04	1.60E-02	8.48E-05	1.87E-04	1.65E-02	2.09E-04	0.00E+00	1.13E-06	5.10E-06	2.15E-04	2.65E-04	1.60E-02	8.48E-05	1.87E-04	1.66E-02
665	490236.72, 3860085.12	0.05654	0.52347	0.01347	0.05758	2.29E-04	1.56E-02	8.59E-05	1.82E-04	1.61E-02	2.08E-04	0.00E+00	1.15E-06	4.96E-06	2.14E-04	2.64E-04	1.56E-02	8.59E-05	1.82E-04	1.61E-02
666	490286.72, 3860085.12	0.05624	0.51062	0.01363	0.05599	2.27E-04	1.52E-02	8.69E-05	1.77E-04	1.57E-02	2.07E-04	0.00E+00	1.16E-06	4.82E-06	2.13E-04	2.63E-04	1.52E-02	8.69E-05	1.77E-04	1.58E-02
667	490336.72, 3860085.12	0.05587	0.49832	0.01377	0.05452	2.26E-04	1.49E-02	8.78E-05	1.72E-04	1.54E-02	2.05E-04	0.00E+00	1.17E-06	4.69E-06	2.11E-04	2.61E-04	1.49E-02	8.78E-05	1.72E-04	1.54E-02
668	490386.72, 3860085.12	0.05546	0.48644	0.01389	0.05312	2.24E-04	1.45E-02	8.86E-05	1.68E-04	1.50E-02	2.04E-04	0.00E+00	1.18E-06	4.57E-06	2.10E-04	2.59E-04	1.45E-02	8.86E-05	1.68E-04	1.50E-02
669	490436.72, 3860085.12	0.05502	0.47499	0.01398	0.05179	2.22E-04	1.42E-02	8.92E-05	1.64E-04	1.46E-02	2.02E-04	0.00E+00	1.19E-06	4.46E-06	2.08E-04	2.57E-04	1.42E-02	8.92E-05	1.64E-04	1.47E-02
670	490486.72, 3860085.12	0.05455	0.46397	0.01405	0.0505	2.21E-04	1.38E-02	8.96E-05	1.59E-04	1.43E-02	2.01E-04	0.00E+00	1.19E-06	4.35E-06	2.06E-04	2.55E-04	1.38E-02	8.96E-05	1.59E-04	1.43E-02
671	490536.72, 3860085.12	0.05414	0.45328	0.01412	0.04926	2.19E-04	1.35E-02	9.01E-05	1.56E-04	1.40E-02	1.99E-04	0.00E+00	1.20E-06	4.24E-06	2.04E-04	2.53E-04	1.35E-02	9.01E-05	1.56E-04	1.40E-02
672	490586.72, 3860085.12	0.05375	0.44298	0.01417	0.04808	2.17E-04	1.32E-02	9.04E-05	1.52E-04	1.37E-02	1.98E-04	0.00E+00	1.21E-06	4.14E-06	2.03E-04	2.51E-04	1.32E-02	9.04E-05	1.52E-04	1.37E-02
673	490636.72, 3860085.12	0.05332	0.43308	0.01419	0.04695	2.16E-04	1.29E-02	9.05E-05	1.48E-04	1.34E-02	1.96E-04	0.00E+00	1.21E-06	4.04E-06	2.01E-04	2.49E-04	1.29E-02	9.05E-05	1.48E-04	1.34E-02
674	490686.72, 3860085.12	0.05299	0.4235	0.01424	0.04591	2.14E-04	1.26E-02	9.08E-05	1.45E-04	1.31E-02	1.95E-04	0.00E+00	1.21E-06	3.95E-06	2.00E-04	2.48E-04	1.26E-02	9.08E-05	1.45E-04	1.31E-02
675	490736.72, 3860085.12	0.05273	0.4142	0.0143	0.04484	2.13E-04	1.24E-02	9.12E-05	1.42E-04	1.28E-02	1.94E-04	0.00E+00	1.22E-06	3.86E-06	1.99E-04	2.47E-04	1.24E-02	9.12E-05	1.42E-04	1.28E-02
676	490786.72, 3860085.12	0.0525	0.40519	0.01437	0.04381	2.12E-04	1.21E-02	9.17E-05	1.38E-04	1.25E-02	1.93E-04	0.00E+00	1.22E-06	3.77E-06	1.98E-04	2.46E-04	1.21E-02	9.17E-05	1.38E-04	1.26E-02
677	490836.72, 3860085.12	0.05218	0.39667	0.01439	0.04291	2.11E-04	1.18E-02	9.18E-05	1.35E-04	1.23E-02	1.92E-04	0.00E+00	1.22E-06	3.69E-06	1.97E-04	2.44E-04	1.18E-02	9.18E-05	1.35E-04	1.23E-02
678	490086.72, 3860135.12	0.05557	0.56541	0.01252	0.05983	2.25E-04	1.69E-02	7.99E-05	1.89E-04	1.74E-02	2.04E-04	0.00E+00	1.06E-06	5.15E-06	2.11E-04	2.60E-04	1.69E-02	7.99E-05	1.89E-04	1.74E-02
679	490136.72, 3860135.12	0.05562	0.54968	0.01267	0.05799	2.25E-04	1.64E-02	8.08E-05	1.83E-04	1.69E-02	2.04E-04	0.00E+00	1.08E-06	4.99E-06	2.11E-04	2.60E-04	1.64E-02	8.08E-05	1.83E-04	1.69E-02
680	490186.72, 3860135.12	0.05562	0.5347	0.01284	0.05625	2.25E-04	1.60E-02	8.19E-05	1.78E-04	1.64E-02	2.04E-04	0.00E+00	1.09E-06	4.84E-06	2.10E-04	2.60E-04	1.60E-02	8.19E-05	1.78E-04	1.65E-02
681	490236.72, 3860135.12	0.05545	0.52069	0.013	0.05471	2.24E-04	1.55E-02	8.29E-05	1.73E-04	1.60E-02	2.04E-04	0.00E+00	1.11E-06	4.71E-06	2.10E-04	2.59E-04	1.55E-02	8.29E-05	1.73E-04	1.60E-02
682	490286.72, 3860135.12	0.05525	0.50723	0.01316	0.05322	2.23E-04	1.51E-02	8.39E-05	1.68E-04	1.56E-02	2.03E-04	0.00E+00	1.12E-06	4.58E-06	2.09E-04	2.58E-04	1.51E-02	8.39E-05	1.68E-04	1.56E-02
683	490336.72, 3860135.12	0.05498	0.49439	0.01332	0.05183	2.22E-04	1.47E-02	8.50E-05	1.64E-04	1.52E-02	2.02E-04	0.00E+00	1.13E-06	4.46E-06	2.08E-04	2.57E-04	1.47E-02	8.50E-05	1.64E-04	1.53E-02
684	490386.72, 3860135.12	0.05463	0.48215	0.01345	0.05055	2.21E-04	1.44E-02	8.58E-05	1.60E-04	1.49E-02	2.01E-04	0.00E+00	1.14E-06	4.35E-06	2.06E-04	2.55E-04	1.44E-02	8.58E-05	1.60E-04	1.49E-02
685	490436.72, 3860135.12	0.05421	0.47043	0.01355	0.04932	2.19E-04	1.40E-02	8.64E-05	1.56E-04	1.45E-02	1.99E-04	0.00E+00	1.15E-06	4.25E-06	2.05E-04	2.54E-04	1.40E-02	8.64E-05	1.56E-04	1.45E-02
686	490486.72, 3860135.12	0.0538	0.45913	0.01365	0.04809	2.17E-04	1.37E-02	8.71E-05	1.52E-04	1.42E-02	1.98E-04	0.00E+00	1.16E-06	4.14E-06	2.03E-04	2.52E-04	1.37E-02	8.71E-05	1.52E-04	1.42E-02
687	490536.72, 3860135.12	0.05342	0.44826	0.01374	0.04694	2.16E-04	1.34E-02	8.76E-05	1.48E-04	1.38E-02	1.96E-04	0.00E+00	1.17E-06	4.04E-06	2.02E-04	2.50E-04	1.34E-02	8.76E-05	1.48E-04	1.39E-02
688	490586.72, 3860135.12	0.053	0.43784	0.01379	0.04583	2.14E-04	1.31E-02	8.80E-05	1.45E-04	1.35E-02	1.95E-04	0.00E+00	1.17E-06	3.95E-06	2.00E-04	2.48E-04	1.31E-02	8.80E-05	1.45E-04	1.35E-02
689	490636.72, 3860135.12	0.05258	0.4278	0.01383	0.04479	2.13E-04	1.28E-02	8.82E-05	1.41E-04	1.32E-02	1.93E-04	0.00E+00	1.18E-06	3.86E-06	1.98E-04	2.46E-04	1.28E-02	8.82E-05	1.41E-04	1.32E-02
690	490686.72, 3860135.12	0.05216	0.41813	0.01384	0.04378	2.11E-04	1.25E-02	8.83E-05	1.38E-04	1.29E-02	1.92E-04	0.00E+00	1.18E-06	3.77E-06	1.97E-04	2.44E-04	1.25E-02	8.83E-05	1.38E-04	1.29E-02
691	490736.72, 3860135.12	0.05181	0.40892	0.01387	0.04286	2.09E-04	1.22E-02	8.85E-05	1.35E-04	1.26E-02	1.90E-04	0.00E+00	1.18E-06	3.69E-06	1.95E-04	2.42E-04	1.22E-02	8.85E-05	1.35E-04	1.27E-02
692	490786.72, 3860135.12	0.05155	0.40005	0.01392	0.04201	2.08E-04	1.19E-02	8.88E-05	1.33E-04	1.24E-02	1.90E-04	0.00E+00	1.18E-06	3.62E-06	1.94E-04	2.41E-04	1.19E-02	8.88E-05	1.33E-04	1.24E-02
693	490836.72, 3860135.12	0.0512	0.39149	0.01393	0.04115	2.07E-04	1.17E-02	8.89E-05	1.30E-04	1.21E-02	1.88E-04	0.00E+00	1.18E-06	3.54E-06	1.93E-04	2.39E-04	1.17E-02	8.89E-05	1.30E-04	1.21E-02
694	490086.72, 3860185.12	0.05417	0.5636	0.01215	0.05654	2.19E-04	1.68E-02	7.75E-05	1.79E-04	1.73E-02	1.99E-04	0.00E+00	1.03E-06	4.87E-06	2.05E-04	2.53E-04	1.68E-02	7.75E-05	1.79E-04	1.73E-02
695	490136.72, 3860185.12	0.05436	0.54676	0.01229	0.05477	2.20E-04	1.63E-02	7.84E-05	1.73E-04	1.68E-02	2.00E-04	0.00E+00	1.05E-06	4.72E-06	2.06E-04	2.54E-04	1.63E-02	7.84E-05	1.73E-04	1.68E-02
696	490186.72, 3860185.12	0.05442	0.53102	0.01244	0.05317	2.20E-04	1.58E-02	7.93E-05	1.68E-04	1.63E-02	2.00E-04	0.00E+00	1.06E-06	4.58E-06	2.06E-04	2.55E-04	1.58E-02	7.93E-05	1.68E-04	1.63E-02
697	490236.72, 3860185.12	0.05435	0.51634	0.01257	0.05173	2.20E-04	1.54E-02	8.02E-05	1.63E-04	1.59E-02	2.00E-04	0.00E+00	1.07E-06	4.45E-06	2.05E-04	2.54E-04	1.54E-02	8.02E-05	1.63E-04	1.59E-02
698	490286.72, 3860185.12	0.05421	0.5024	0.01272	0.05037	2.19E-04	1.50E-02	8.11E-05	1.59E-04	1.54E-02	1.99E-04	0.00E+00	1.08E-06	4.34E-06	2.05E-04	2.54E-04	1.50E-02	8.11E-05	1.59E-04	1.55E-02
699	490336.72, 3860185.12	0.054	0.48916	0.01287	0.0491	2.18E-04	1.46E-02	8.21E-05	1.55E-04	1.50E-02	1.99E-04	0.00E+00	1.09E-06	4.23E-06	2.04E-04	2.53E-04	1.46E-02	8.21E-05	1.55E-04	1.51E-02
700	490386.72, 3860185.12	0.05374	0.47655	0.01301	0.0479	2.17E-04	1.42E-02	8.30E-05	1.51E-04	1.47E-02	1.98E-04	0.00E+00	1.11E-06	4.12E-06	2.03E-04	2.51E-04	1.42E-02	8.30E-05	1.51E-04	1.47E-02
701	490436.72, 3860185.12	0.05341	0.46453	0.01314	0.04673	2.16E-04	1.39E-02	8.38E-05	1.48E-04	1.43E-02	1.96E-04	0.00E+00	1.12E-06	4.02E-06	2.02E-04	2.50E-04	1.39E-02	8.38E-05	1.48E-04	1.43E-02
702	490486.72, 3860185.12	0.05303	0.45303	0.01325	0.04559	2.14E-04	1.35E-02	8.45E-05	1.44E-04	1.40E-02	1.95E-04	0.00E+00	1.13E-06	3.93E-06	2.00E-04	2.48E-04	1.35E-02	8.45E-05	1.44E-04	1.40E-02
703	490536.72, 3860185.12	0.05266	0.44199	0.01335	0.04452	2.13E-04	1.32E-02	8.52E-05	1.41E-04	1.36E-02	1.94E-04	0.00E+00	1.14E-06	3.83E-06	1.99E-04	2.46E-04	1.32E-02	8.52E-05	1.41E-04	1.37E-02
704	490586.72, 3860185.12	0.05231	0.4315	0.01344	0.04352	2.11E-04	1.29E-02	8.57E-05	1.37E-04	1.33E-02	1.92E-04	0.00E+00	1.14E-06	3.75E-06	1.97E-04	2.45E-04	1.29E-02	8.57E-05	1.37E-04	1.33E-02

705	490636.72, 3860185.12	0.05187	0.42131	0.01347	0.04252	2.10E-04	1.26E-02	8.59E-05	1.34E-04	1.30E-02	1.91E-04	0.00E+00	1.15E-06	3.66E-06	1.96E-04	2.43E-04	1.26E-02	8.59E-05	1.34E-04	1.30E-02
706	490686.72, 3860185.12	0.05148	0.41168	0.01351	0.04162	2.08E-04	1.23E-02	8.62E-05	1.31E-04	1.27E-02	1.89E-04	0.00E+00	1.15E-06	3.58E-06	1.94E-04	2.41E-04	1.23E-02	8.62E-05	1.31E-04	1.27E-02
707	490736.72, 3860185.12	0.05104	0.40229	0.01351	0.04067	2.06E-04	1.20E-02	8.62E-05	1.28E-04	1.24E-02	1.88E-04	0.00E+00	1.15E-06	3.50E-06	1.92E-04	2.39E-04	1.20E-02	8.62E-05	1.28E-04	1.25E-02
708	490786.72, 3860185.12	0.05069	0.39347	0.01353	0.03987	2.05E-04	1.17E-02	8.63E-05	1.26E-04	1.22E-02	1.86E-04	0.00E+00	1.15E-06	3.43E-06	1.91E-04	2.37E-04	1.17E-02	8.63E-05	1.26E-04	1.22E-02
709	490836.72, 3860185.12	0.05035	0.38499	0.01354	0.03911	2.04E-04	1.15E-02	8.64E-05	1.23E-04	1.19E-02	1.85E-04	0.00E+00	1.15E-06	3.37E-06	1.90E-04	2.35E-04	1.15E-02	8.64E-05	1.23E-04	1.19E-02
710	490086.72, 3860235.12	0.05284	0.55917	0.01185	0.05316	2.14E-04	1.67E-02	7.56E-05	1.68E-04	1.71E-02	1.94E-04	0.00E+00	1.01E-06	4.58E-06	2.00E-04	2.47E-04	1.67E-02	7.56E-05	1.68E-04	1.72E-02
711	490136.72, 3860235.12	0.05304	0.54168	0.01195	0.05157	2.14E-04	1.62E-02	7.62E-05	1.63E-04	1.66E-02	1.95E-04	0.00E+00	1.02E-06	4.44E-06	2.00E-04	2.48E-04	1.62E-02	7.62E-05	1.63E-04	1.66E-02
712	490186.72, 3860235.12	0.05318	0.52529	0.01207	0.05009	2.15E-04	1.57E-02	7.70E-05	1.58E-04	1.61E-02	1.96E-04	0.00E+00	1.03E-06	4.31E-06	2.01E-04	2.49E-04	1.57E-02	7.70E-05	1.58E-04	1.62E-02
713	490236.72, 3860235.12	0.0532	0.51002	0.01219	0.04873	2.15E-04	1.52E-02	7.78E-05	1.54E-04	1.57E-02	1.96E-04	0.00E+00	1.04E-06	4.20E-06	2.01E-04	2.49E-04	1.52E-02	7.78E-05	1.54E-04	1.57E-02
714	490286.72, 3860235.12	0.05314	0.49567	0.01232	0.04749	2.15E-04	1.48E-02	7.86E-05	1.50E-04	1.52E-02	1.95E-04	0.00E+00	1.05E-06	4.09E-06	2.01E-04	2.49E-04	1.48E-02	7.86E-05	1.50E-04	1.53E-02
715	490336.72, 3860235.12	0.05302	0.48211	0.01246	0.04631	2.14E-04	1.44E-02	7.95E-05	1.46E-04	1.48E-02	1.95E-04	0.00E+00	1.06E-06	3.99E-06	2.00E-04	2.48E-04	1.44E-02	7.95E-05	1.46E-04	1.49E-02
716	490386.72, 3860235.12	0.05283	0.46927	0.0126	0.0452	2.14E-04	1.40E-02	8.04E-05	1.43E-04	1.44E-02	1.94E-04	0.00E+00	1.07E-06	3.89E-06	1.99E-04	2.47E-04	1.40E-02	8.04E-05	1.43E-04	1.45E-02
717	490436.72, 3860235.12	0.05259	0.45708	0.01274	0.04411	2.13E-04	1.36E-02	8.13E-05	1.39E-04	1.41E-02	1.93E-04	0.00E+00	1.08E-06	3.80E-06	1.98E-04	2.46E-04	1.36E-02	8.13E-05	1.39E-04	1.41E-02
718	490486.72, 3860235.12	0.05227	0.44547	0.01286	0.04307	2.11E-04	1.33E-02	8.20E-05	1.36E-04	1.37E-02	1.92E-04	0.00E+00	1.09E-06	3.71E-06	1.97E-04	2.44E-04	1.33E-02	8.20E-05	1.36E-04	1.38E-02
719	490536.72, 3860235.12	0.05194	0.43435	0.01297	0.04208	2.10E-04	1.30E-02	8.27E-05	1.33E-04	1.34E-02	1.91E-04	0.00E+00	1.10E-06	3.62E-06	1.96E-04	2.43E-04	1.30E-02	8.27E-05	1.33E-04	1.34E-02
720	490586.72, 3860235.12	0.05159	0.42379	0.01307	0.04115	2.09E-04	1.26E-02	8.34E-05	1.30E-04	1.31E-02	1.90E-04	0.00E+00	1.11E-06	3.54E-06	1.94E-04	2.41E-04	1.26E-02	8.34E-05	1.30E-04	1.31E-02
721	490636.72, 3860235.12	0.0512	0.4137	0.01314	0.04025	2.07E-04	1.23E-02	8.38E-05	1.27E-04	1.28E-02	1.88E-04	0.00E+00	1.12E-06	3.47E-06	1.93E-04	2.39E-04	1.23E-02	8.38E-05	1.27E-04	1.28E-02
722	490686.72, 3860235.12	0.05081	0.40407	0.01318	0.03939	2.05E-04	1.21E-02	8.41E-05	1.24E-04	1.25E-02	1.87E-04	0.00E+00	1.12E-06	3.39E-06	1.91E-04	2.38E-04	1.21E-02	8.41E-05	1.24E-04	1.25E-02
723	490736.72, 3860235.12	0.0504	0.39481	0.0132	0.03854	2.04E-04	1.18E-02	8.42E-05	1.22E-04	1.22E-02	1.85E-04	0.00E+00	1.12E-06	3.32E-06	1.90E-04	2.36E-04	1.18E-02	8.42E-05	1.22E-04	1.22E-02
724	490786.72, 3860235.12	0.04999	0.38592	0.01321	0.03773	2.02E-04	1.15E-02	8.43E-05	1.19E-04	1.19E-02	1.84E-04	0.00E+00	1.12E-06	3.25E-06	1.88E-04	2.34E-04	1.15E-02	8.43E-05	1.19E-04	1.20E-02
725	490086.72, 3860285.12	0.05146	0.55171	0.01158	0.04974	2.08E-04	1.65E-02	7.39E-05	1.57E-04	1.69E-02	1.89E-04	0.00E+00	9.85E-07	4.28E-06	1.94E-04	2.41E-04	1.65E-02	7.39E-05	1.57E-04	1.69E-02
726	490136.72, 3860285.12	0.05172	0.53366	0.01166	0.04831	2.09E-04	1.59E-02	7.44E-05	1.53E-04	1.64E-02	1.90E-04	0.00E+00	9.92E-07	4.16E-06	1.95E-04	2.42E-04	1.59E-02	7.44E-05	1.53E-04	1.64E-02
727	490186.72, 3860285.12	0.05188	0.51694	0.01174	0.047	2.10E-04	1.54E-02	7.49E-05	1.48E-04	1.59E-02	1.91E-04	0.00E+00	9.98E-07	4.05E-06	1.96E-04	2.43E-04	1.54E-02	7.49E-05	1.48E-04	1.59E-02
728	490236.72, 3860285.12	0.05202	0.50128	0.01185	0.04575	2.10E-04	1.50E-02	7.56E-05	1.44E-04	1.54E-02	1.91E-04	0.00E+00	1.01E-06	3.94E-06	1.96E-04	2.43E-04	1.50E-02	7.56E-05	1.44E-04	1.54E-02
729	490286.72, 3860285.12	0.05202	0.48674	0.01195	0.04463	2.10E-04	1.45E-02	7.62E-05	1.41E-04	1.49E-02	1.91E-04	0.00E+00	1.02E-06	3.84E-06	1.96E-04	2.43E-04	1.45E-02	7.62E-05	1.41E-04	1.50E-02
730	490336.72, 3860285.12	0.05197	0.47305	0.01207	0.04356	2.10E-04	1.41E-02	7.70E-05	1.38E-04	1.45E-02	1.91E-04	0.00E+00	1.03E-06	3.75E-06	1.96E-04	2.43E-04	1.41E-02	7.70E-05	1.38E-04	1.46E-02
731	490386.72, 3860285.12	0.05188	0.46012	0.01222	0.04253	2.10E-04	1.37E-02	7.79E-05	1.34E-04	1.41E-02	1.91E-04	0.00E+00	1.04E-06	3.66E-06	1.95E-04	2.43E-04	1.37E-02	7.79E-05	1.34E-04	1.42E-02
732	490436.72, 3860285.12	0.0517	0.44792	0.01235	0.04153	2.09E-04	1.34E-02	7.88E-05	1.31E-04	1.38E-02	1.90E-04	0.00E+00	1.05E-06	3.58E-06	1.95E-04	2.42E-04	1.34E-02	7.88E-05	1.31E-04	1.38E-02
733	490486.72, 3860285.12	0.05147	0.4363	0.01248	0.04059	2.08E-04	1.30E-02	7.96E-05	1.28E-04	1.34E-02	1.89E-04	0.00E+00	1.06E-06	3.50E-06	1.94E-04	2.41E-04	1.30E-02	7.96E-05	1.28E-04	1.35E-02
734	490536.72, 3860285.12	0.05116	0.42518	0.01259	0.03966	2.07E-04	1.27E-02	8.03E-05	1.25E-04	1.31E-02	1.88E-04	0.00E+00	1.07E-06	3.42E-06	1.93E-04	2.39E-04	1.27E-02	8.03E-05	1.25E-04	1.31E-02
735	490586.72, 3860285.12	0.05083	0.41463	0.01269	0.03876	2.05E-04	1.24E-02	8.09E-05	1.22E-04	1.28E-02	1.87E-04	0.00E+00	1.08E-06	3.34E-06	1.91E-04	2.38E-04	1.24E-02	8.09E-05	1.22E-04	1.28E-02
736	490636.72, 3860285.12	0.05049	0.40467	0.01278	0.03792	2.04E-04	1.21E-02	8.15E-05	1.20E-04	1.25E-02	1.86E-04	0.00E+00	1.09E-06	3.27E-06	1.90E-04	2.36E-04	1.21E-02	8.15E-05	1.20E-04	1.25E-02
737	490686.72, 3860285.12	0.05014	0.39523	0.01286	0.03716	2.03E-04	1.18E-02	8.20E-05	1.17E-04	1.22E-02	1.84E-04	0.00E+00	1.09E-06	3.20E-06	1.89E-04	2.34E-04	1.18E-02	8.20E-05	1.17E-04	1.22E-02
738	490736.72, 3860285.12	0.04976	0.38614	0.0129	0.03641	2.01E-04	1.15E-02	8.23E-05	1.15E-04	1.19E-02	1.83E-04	0.00E+00	1.10E-06	3.14E-06	1.87E-04	2.33E-04	1.15E-02	8.23E-05	1.15E-04	1.19E-02
739	490786.72, 3860285.12	0.04938	0.37751	0.01292	0.03571	2.00E-04	1.13E-02	8.24E-05	1.13E-04	1.17E-02	1.82E-04	0.00E+00	1.10E-06	3.07E-06	1.86E-04	2.31E-04	1.13E-02	8.24E-05	1.13E-04	1.17E-02
740	490086.72, 3860335.12	0.05009	0.54061	0.01134	0.04624	2.02E-04	1.61E-02	7.23E-05	1.46E-04	1.65E-02	1.84E-04	0.00E+00	9.64E-07	3.98E-06	1.89E-04	2.34E-04	1.61E-02	7.23E-05	1.46E-04	1.66E-02
741	490136.72, 3860335.12	0.05039	0.52237	0.0114	0.04499	2.04E-04	1.56E-02	7.27E-05	1.42E-04	1.60E-02	1.85E-04	0.00E+00	9.70E-07	3.87E-06	1.90E-04	2.36E-04	1.56E-02	7.27E-05	1.42E-04	1.60E-02
742	490186.72, 3860335.12	0.0506	0.50558	0.01146	0.04386	2.05E-04	1.51E-02	7.31E-05	1.38E-04	1.55E-02	1.86E-04	0.00E+00	9.75E-07	3.78E-06	1.91E-04	2.37E-04	1.51E-02	7.31E-05	1.38E-04	1.55E-02
743	490236.72, 3860335.12	0.0508	0.48989	0.01155	0.04276	2.05E-04	1.46E-02	7.37E-05	1.35E-04	1.50E-02	1.87E-04	0.00E+00	9.82E-07	3.68E-06	1.91E-04	2.38E-04	1.46E-02	7.37E-05	1.35E-04	1.51E-02
744	490286.72, 3860335.12	0.05088	0.47538	0.01163	0.04177	2.06E-04	1.42E-02	7.42E-05	1.32E-04	1.46E-02	1.87E-04	0.00E+00	9.89E-07	3.60E-06	1.92E-04	2.38E-04	1.42E-02	7.42E-05	1.32E-04	1.46E-02
745	490336.72, 3860335.12	0.05089	0.46179	0.01173	0.04082	2.06E-04	1.38E-02	7.48E-05	1.29E-04	1.42E-02	1.87E-04	0.00E+00	9.98E-07	3.52E-06	1.92E-04	2.38E-04	1.38E-02	7.48E-05	1.29E-04	1.42E-02
746	490386.72, 3860335.12	0.05086	0.44899	0.01185	0.03989	2.06E-04	1.34E-02	7.56E-05	1.26E-04	1.38E-02	1.87E-04	0.00E+00	1.01E-06	3.43E-06	1.91E-04	2.38E-04	1.34E-02	7.56E-05	1.26E-04	1.38E-02
747	490436.72, 3860335.12	0.05076	0.43691	0.01197	0.03901	2.05E-04	1.30E-02	7.64E-05	1.23E-04	1.34E-02	1.87E-04	0.00E+00	1.02E-06	3.36E-06	1.91E-04	2.37E-04	1.30E-02	7.64E-05	1.23E-04	1.35E-02
748	490486.72, 3860335.12	0.05059	0.42542	0.0121	0.03816	2.04E-04	1.27E-02	7.72E-05	1.20E-04	1.31E-02	1.86E-04	0.00E+00	1.03E-06	3.29E-06	1.90E-04	2.37E-04	1.27E-02	7.72E-05	1.20E-04	1.31E-02
749	490536.72, 3860335.12	0.05039	0.41461	0.01223	0.03734	2.04E-04	1.24E-02	7.80E-05	1.18E-04	1.28E-02	1.85E-04	0.00E+00	1.04E-06	3.22E-06	1.90E-04	2.36E-04	1.24E-02	7.80E-05	1.18E-04	1.28E-02
750	490586.72, 3860335.12	0.0501	0.40423	0.01234	0.0365	2.03E-04	1.21E-02	7.87E-05	1.15E-04	1.25E-02	1.84E-04	0.00E+00	1.05E-06	3.14E-06	1.88E-04	2.34E-04	1.21E-02	7.87E-05	1.15E-04	1.25E-02
751	490636.72, 3860335.12	0.0498	0.39447	0.01244	0.03573	2.01E-04	1.18E-02	7.93E-05	1.13E-04	1.22E-02	1.83E-04	0.00E+00	1.06E-06	3.08E-06	1.87E-04	2.33E-04	1.18E-02	7.93E-05	1.13E-04	1.22E-02
752	490686.72, 3860335.12	0.04947	0.3852	0.01253	0.03502	2.00E-04	1.15E-02	7.99E-05	1.11E-04	1.19E-02	1.82E-04	0.00E+00	1.07E-06	3.02E-06	1.86E-04	2.31E-04	1.15E-02	7.99E-05	1.11E-04	1.19E-02
753	490736.72, 3860335.12	0.04912	0.37639	0.01259	0.03435	1.99E-04	1.12E-02	8.03E-05	1.08E-04	1.16E-02	1.81E-04	0.00E+00	1.07E-06	2.96E-06	1.85E-04	2.30E-04	1.12E-02	8.03E-05	1.08E-04	1.16E-02
754	490786.72, 3860335.12	0.0488	0.36814	0.01265	0.03376	1.97E-04	1.10E-02	8.07E-05	1.07E-04	1.14E-02	1.79E-04	0.00E+00	1.08E-06	2.91E-06	1.83E-04	2.28E-04	1.10E-02	8.07E-05	1.07E-04	1.14E-02
755	490086.72, 3860385.12	0.04877	0.52565	0.01112	0.0427	1.97E-04	1.57E-02	7.09E-05	1.35E-04	1.61E-02	1.79E-04	0.00E+00	9.46E-07	3.68E-06	1.84E-04	2.28E-04	1.57E-02	7.09E-05	1.35E-04	1.61E-02
756	490136.72, 3860385.12	0.04909	0.50769	0.01118	0.04165	1.98E-04	1.51E-02	7.13E-05	1.32E-04	1.55E-02	1.80E-04	0.00E+00	9.51E-07	3.59E-06	1.85E-04	2.30E-04	1.51E-02	7.13E-05	1.32E-04	1.56E-02
757	490186.72, 3860385.12	0.0493	0.49121	0.01121	0.04069	1.99E-04	1.47E-02	7.15E-05	1.28E-04	1.51E-02	1.81E-04	0.00E+00	9.53E-07	3.50E-06	1.86E-04	2.31E-04	1.47E-02	7.15E-05	1.28E-04	1.51E-02
758	490236.72, 3860385.12	0.04953	0.47588	0.01127	0.03977	2.00E-04	1.42E-02	7.19E-05	1.26E-04	1.46E-02	1.82E-04	0.00E+00	9.58E-07	3.42E-06	1.86E-04	2.32E-04	1.42E-02	7.19E-05	1.26E-04	1.46E-02
759	490286.72, 3860385.12	0.04968	0.46165	0.01133	0.0389	2.01E-04	1.38E-02	7.23E-05	1.23E-04	1.42E-02	1.83E-04	0.00E+00	9.64E-07	3.35E-06	1.87E-04	2.32E-04	1.38E-02	7.23E-05	1.23E-04	1.42E-02
760	490336.72, 3860385.12	0.04977	0.44836	0.01142	0.03807	2.01E-04	1.34E-02	7.28E-05	1.20E-04	1.38E-02	1.83E-04	0.00E+00	9.71E-07	3.28E-06	1.87E-04	2.33E-04	1.34E-02	7.28E-05	1.20E-04	1.38E-02
761	490386.72, 3860385.12	0.04979	0.43586	0.01151	0.03728	2.01E-04	1.30E-02	7.34E-05	1.18E-04	1.34E-02	1.83E-04	0.00E+00	9.79E-07	3.21E-06	1.87E-04	2.33E-04	1.30E-02	7.34E-05	1.18E-04	1.34E-02
762	490436.72, 3860385.12	0.04977	0.42407	0.01162	0.03651	2.01E-04	1.27E-02	7.41E-05	1.15E-04	1.30E-02	1.83E-04	0.00E+00	9.88E-07	3.14E-06	1.87E-04	2.33E-04	1.27E-02	7.41E-05	1.15E-04	1.31E-02
763	490486.72, 3860385.12	0.0497	0.413	0.01175	0.03578	2.01E-04	1.23E-02	7.49E-05	1.13E-04	1.27E-02	1.83E-04	0.00E+00	9.99E-07	3.08E-06	1.87E-04	2.32E-04	1.23E-02	7.49E-05	1.13E-04	1.27E-02

764	490536.72, 3860385.12	0.04956	0.40251	0.01188	0.03504	2.00E-04	1.20E-02	7.58E-05	1.11E-04	1.24E-02	1.82E-04	0.00E+00	1.01E-06	3.02E-06	1.86E-04	2.32E-04	1.20E-02	7.58E-05	1.11E-04	1.24E-02
765	490586.72, 3860385.12	0.04935	0.39257	0.012	0.03433	1.99E-04	1.17E-02	7.65E-05	1.08E-04	1.21E-02	1.81E-04	0.00E+00	1.02E-06	2.96E-06	1.85E-04	2.31E-04	1.17E-02	7.65E-05	1.08E-04	1.21E-02
766	490636.72, 3860385.12	0.04909	0.38309	0.0121	0.03363	1.98E-04	1.14E-02	7.72E-05	1.06E-04	1.18E-02	1.80E-04	0.00E+00	1.03E-06	2.90E-06	1.84E-04	2.30E-04	1.14E-02	7.72E-05	1.06E-04	1.18E-02
767	490686.72, 3860385.12	0.04882	0.3742	0.0122	0.033	1.97E-04	1.12E-02	7.78E-05	1.04E-04	1.15E-02	1.79E-04	0.00E+00	1.04E-06	2.84E-06	1.83E-04	2.28E-04	1.12E-02	7.78E-05	1.04E-04	1.16E-02
768	490736.72, 3860385.12	0.04847	0.36561	0.01228	0.03237	1.96E-04	1.09E-02	7.83E-05	1.02E-04	1.13E-02	1.78E-04	0.00E+00	1.04E-06	2.79E-06	1.82E-04	2.27E-04	1.09E-02	7.83E-05	1.02E-04	1.13E-02
769	490786.72, 3860385.12	0.04813	0.35751	0.01233	0.03179	1.95E-04	1.07E-02	7.86E-05	1.00E-04	1.10E-02	1.77E-04	0.00E+00	1.05E-06	2.74E-06	1.81E-04	2.25E-04	1.07E-02	7.86E-05	1.00E-04	1.11E-02
770	490136.72, 3860435.12	0.04776	0.48984	0.01095	0.03842	1.93E-04	1.46E-02	6.98E-05	1.21E-04	1.50E-02	1.76E-04	0.00E+00	9.31E-07	3.31E-06	1.80E-04	2.23E-04	1.46E-02	6.98E-05	1.21E-04	1.50E-02
771	490186.72, 3860435.12	0.04804	0.47398	0.01099	0.03759	1.94E-04	1.41E-02	7.01E-05	1.19E-04	1.45E-02	1.77E-04	0.00E+00	9.35E-07	3.24E-06	1.81E-04	2.25E-04	1.41E-02	7.01E-05	1.19E-04	1.46E-02
772	490236.72, 3860435.12	0.04828	0.45931	0.01103	0.03681	1.95E-04	1.37E-02	7.04E-05	1.16E-04	1.41E-02	1.78E-04	0.00E+00	9.38E-07	3.17E-06	1.82E-04	2.26E-04	1.37E-02	7.04E-05	1.16E-04	1.41E-02
773	490286.72, 3860435.12	0.04847	0.44567	0.01107	0.03608	1.96E-04	1.33E-02	7.06E-05	1.14E-04	1.37E-02	1.78E-04	0.00E+00	9.41E-07	3.11E-06	1.82E-04	2.27E-04	1.33E-02	7.06E-05	1.14E-04	1.37E-02
774	490336.72, 3860435.12	0.04859	0.43284	0.01113	0.03537	1.96E-04	1.29E-02	7.10E-05	1.12E-04	1.33E-02	1.79E-04	0.00E+00	9.47E-07	3.05E-06	1.83E-04	2.27E-04	1.29E-02	7.10E-05	1.12E-04	1.33E-02
775	490386.72, 3860435.12	0.04869	0.42088	0.01121	0.03469	1.97E-04	1.26E-02	7.15E-05	1.10E-04	1.29E-02	1.79E-04	0.00E+00	9.53E-07	2.99E-06	1.83E-04	2.28E-04	1.26E-02	7.15E-05	1.10E-04	1.30E-02
776	490436.72, 3860435.12	0.04873	0.40963	0.0113	0.03402	1.97E-04	1.22E-02	7.21E-05	1.07E-04	1.26E-02	1.79E-04	0.00E+00	9.61E-07	2.93E-06	1.83E-04	2.28E-04	1.22E-02	7.21E-05	1.07E-04	1.26E-02
777	490486.72, 3860435.12	0.04872	0.39904	0.01141	0.03337	1.97E-04	1.19E-02	7.28E-05	1.05E-04	1.23E-02	1.79E-04	0.00E+00	9.70E-07	2.87E-06	1.83E-04	2.28E-04	1.19E-02	7.28E-05	1.05E-04	1.23E-02
778	490536.72, 3860435.12	0.04866	0.38909	0.01153	0.03276	1.97E-04	1.16E-02	7.35E-05	1.03E-04	1.20E-02	1.79E-04	0.00E+00	9.81E-07	2.82E-06	1.83E-04	2.28E-04	1.16E-02	7.35E-05	1.03E-04	1.20E-02
779	490586.72, 3860435.12	0.04851	0.3796	0.01165	0.03214	1.96E-04	1.13E-02	7.43E-05	1.01E-04	1.17E-02	1.78E-04	0.00E+00	9.91E-07	2.77E-06	1.82E-04	2.27E-04	1.13E-02	7.43E-05	1.01E-04	1.17E-02
780	490636.72, 3860435.12	0.04831	0.37058	0.01176	0.03154	1.95E-04	1.11E-02	7.50E-05	9.96E-05	1.14E-02	1.78E-04	0.00E+00	1.00E-06	2.72E-06	1.81E-04	2.26E-04	1.11E-02	7.50E-05	9.96E-05	1.15E-02
781	490686.72, 3860435.12	0.04809	0.36209	0.01187	0.031	1.94E-04	1.08E-02	7.57E-05	9.79E-05	1.12E-02	1.77E-04	0.00E+00	1.01E-06	2.67E-06	1.80E-04	2.25E-04	1.08E-02	7.57E-05	9.79E-05	1.12E-02
782	490736.72, 3860435.12	0.04784	0.35411	0.01197	0.03049	1.93E-04	1.06E-02	7.64E-05	9.63E-05	1.09E-02	1.76E-04	0.00E+00	1.02E-06	2.63E-06	1.80E-04	2.24E-04	1.06E-02	7.64E-05	9.63E-05	1.10E-02
783	490786.72, 3860435.12	0.04752	0.34633	0.01204	0.02997	1.92E-04	1.03E-02	7.68E-05	9.46E-05	1.07E-02	1.75E-04	0.00E+00	1.02E-06	2.58E-06	1.78E-04	2.22E-04	1.03E-02	7.68E-05	9.46E-05	1.07E-02
784	490136.72, 3860485.12	0.04656	0.46918	0.01078	0.03537	1.88E-04	1.40E-02	6.88E-05	1.12E-04	1.44E-02	1.71E-04	0.00E+00	9.17E-07	3.05E-06	1.75E-04	2.18E-04	1.40E-02	6.88E-05	1.12E-04	1.44E-02
785	490186.72, 3860485.12	0.04681	0.45437	0.0108	0.03467	1.89E-04	1.36E-02	6.89E-05	1.09E-04	1.39E-02	1.72E-04	0.00E+00	9.19E-07	2.99E-06	1.76E-04	2.19E-04	1.36E-02	6.89E-05	1.09E-04	1.40E-02
786	490236.72, 3860485.12	0.04703	0.44054	0.01081	0.03402	1.90E-04	1.31E-02	6.90E-05	1.07E-04	1.35E-02	1.73E-04	0.00E+00	9.19E-07	2.93E-06	1.77E-04	2.20E-04	1.31E-02	6.90E-05	1.07E-04	1.35E-02
787	490286.72, 3860485.12	0.04727	0.42776	0.01085	0.03339	1.91E-04	1.28E-02	6.92E-05	1.05E-04	1.31E-02	1.74E-04	0.00E+00	9.23E-07	2.88E-06	1.78E-04	2.21E-04	1.28E-02	6.92E-05	1.05E-04	1.32E-02
788	490336.72, 3860485.12	0.04743	0.41571	0.01088	0.03277	1.92E-04	1.24E-02	6.94E-05	1.03E-04	1.28E-02	1.74E-04	0.00E+00	9.25E-07	2.82E-06	1.78E-04	2.22E-04	1.24E-02	6.94E-05	1.03E-04	1.28E-02
789	490386.72, 3860485.12	0.04759	0.40452	0.01094	0.03219	1.92E-04	1.21E-02	6.98E-05	1.02E-04	1.24E-02	1.75E-04	0.00E+00	9.30E-07	2.77E-06	1.79E-04	2.23E-04	1.21E-02	6.98E-05	1.02E-04	1.25E-02
790	490436.72, 3860485.12	0.04773	0.3941	0.01103	0.03167	1.93E-04	1.18E-02	7.04E-05	1.00E-04	1.21E-02	1.75E-04	0.00E+00	9.38E-07	2.73E-06	1.79E-04	2.23E-04	1.18E-02	7.04E-05	1.00E-04	1.22E-02
791	490486.72, 3860485.12	0.04775	0.3841	0.01111	0.03108	1.93E-04	1.15E-02	7.09E-05	9.81E-05	1.18E-02	1.76E-04	0.00E+00	9.45E-07	2.68E-06	1.79E-04	2.23E-04	1.15E-02	7.09E-05	9.81E-05	1.19E-02
792	490536.72, 3860485.12	0.04771	0.37462	0.0112	0.03052	1.93E-04	1.12E-02	7.14E-05	9.64E-05	1.15E-02	1.75E-04	0.00E+00	9.53E-07	2.63E-06	1.79E-04	2.23E-04	1.12E-02	7.14E-05	9.64E-05	1.16E-02
793	490586.72, 3860485.12	0.04763	0.36567	0.01131	0.02999	1.93E-04	1.09E-02	7.21E-05	9.47E-05	1.13E-02	1.75E-04	0.00E+00	9.62E-07	2.58E-06	1.79E-04	2.23E-04	1.09E-02	7.21E-05	9.47E-05	1.13E-02
794	490636.72, 3860485.12	0.04752	0.35732	0.01143	0.02952	1.92E-04	1.07E-02	7.29E-05	9.32E-05	1.10E-02	1.75E-04	0.00E+00	9.72E-07	2.54E-06	1.78E-04	2.22E-04	1.07E-02	7.29E-05	9.32E-05	1.10E-02
795	490686.72, 3860485.12	0.04732	0.34922	0.01153	0.02903	1.91E-04	1.04E-02	7.35E-05	9.17E-05	1.08E-02	1.74E-04	0.00E+00	9.81E-07	2.50E-06	1.77E-04	2.21E-04	1.04E-02	7.35E-05	9.17E-05	1.08E-02
796	490736.72, 3860485.12	0.04712	0.34169	0.01164	0.02859	1.90E-04	1.02E-02	7.42E-05	9.03E-05	1.05E-02	1.73E-04	0.00E+00	9.90E-07	2.46E-06	1.77E-04	2.20E-04	1.02E-02	7.42E-05	9.03E-05	1.06E-02
797	490786.72, 3860485.12	0.04687	0.33447	0.01174	0.02817	1.89E-04	9.98E-03	7.49E-05	8.89E-05	1.03E-02	1.72E-04	0.00E+00	9.98E-07	2.43E-06	1.76E-04	2.19E-04	9.98E-03	7.49E-05	8.89E-05	1.04E-02
798	490136.72, 3860535.12	0.04537	0.44639	0.0106	0.03257	1.83E-04	1.33E-02	6.76E-05	1.03E-04	1.37E-02	1.67E-04	0.00E+00	9.01E-07	2.80E-06	1.71E-04	2.12E-04	1.33E-02	6.76E-05	1.03E-04	1.37E-02
799	490186.72, 3860535.12	0.04571	0.433	0.01065	0.03198	1.85E-04	1.29E-02	6.79E-05	1.01E-04	1.33E-02	1.68E-04	0.00E+00	9.06E-07	2.75E-06	1.72E-04	2.14E-04	1.29E-02	6.79E-05	1.01E-04	1.33E-02
800	490236.72, 3860535.12	0.04584	0.42026	0.01063	0.03142	1.85E-04	1.25E-02	6.78E-05	9.92E-05	1.29E-02	1.69E-04	0.00E+00	9.04E-07	2.71E-06	1.72E-04	2.14E-04	1.25E-02	6.78E-05	9.92E-05	1.29E-02
801	490286.72, 3860535.12	0.04605	0.40841	0.01064	0.03085	1.86E-04	1.22E-02	6.79E-05	9.74E-05	1.25E-02	1.69E-04	0.00E+00	9.05E-07	2.66E-06	1.73E-04	2.15E-04	1.22E-02	6.79E-05	9.74E-05	1.26E-02
802	490336.72, 3860535.12	0.04627	0.39744	0.01067	0.03034	1.87E-04	1.19E-02	6.81E-05	9.58E-05	1.22E-02	1.70E-04	0.00E+00	9.07E-07	2.61E-06	1.74E-04	2.16E-04	1.19E-02	6.81E-05	9.58E-05	1.22E-02
803	490386.72, 3860535.12	0.04649	0.38723	0.01072	0.02987	1.88E-04	1.16E-02	6.84E-05	9.43E-05	1.19E-02	1.71E-04	0.00E+00	9.12E-07	2.57E-06	1.74E-04	2.17E-04	1.16E-02	6.84E-05	9.43E-05	1.19E-02
804	490436.72, 3860535.12	0.04667	0.3776	0.01078	0.02941	1.89E-04	1.13E-02	6.88E-05	9.29E-05	1.16E-02	1.72E-04	0.00E+00	9.17E-07	2.53E-06	1.75E-04	2.18E-04	1.13E-02	6.88E-05	9.29E-05	1.16E-02
805	490486.72, 3860535.12	0.04678	0.36846	0.01085	0.02895	1.89E-04	1.10E-02	6.92E-05	9.14E-05	1.13E-02	1.72E-04	0.00E+00	9.23E-07	2.49E-06	1.75E-04	2.19E-04	1.10E-02	6.92E-05	9.14E-05	1.14E-02
806	490536.72, 3860535.12	0.04694	0.36011	0.01098	0.02861	1.90E-04	1.07E-02	7.00E-05	9.03E-05	1.11E-02	1.73E-04	0.00E+00	9.34E-07	2.46E-06	1.76E-04	2.20E-04	1.07E-02	7.00E-05	9.03E-05	1.11E-02
807	490586.72, 3860535.12	0.04676	0.35134	0.01102	0.028	1.89E-04	1.05E-02	7.03E-05	8.84E-05	1.08E-02	1.72E-04	0.00E+00	9.37E-07	2.41E-06	1.75E-04	2.19E-04	1.05E-02	7.03E-05	8.84E-05	1.09E-02
808	490636.72, 3860535.12	0.04667	0.34343	0.01111	0.02756	1.89E-04	1.02E-02	7.09E-05	8.70E-05	1.06E-02	1.72E-04	0.00E+00	9.45E-07	2.37E-06	1.75E-04	2.18E-04	1.02E-02	7.09E-05	8.70E-05	1.06E-02
809	490686.72, 3860535.12	0.04656	0.33602	0.01122	0.02716	1.88E-04	1.00E-02	7.16E-05	8.58E-05	1.04E-02	1.71E-04	0.00E+00	9.54E-07	2.34E-06	1.74E-04	2.18E-04	1.00E-02	7.16E-05	8.58E-05	1.04E-02
810	490736.72, 3860535.12	0.04638	0.32885	0.01132	0.02676	1.87E-04	9.81E-03	7.22E-05	8.45E-05	1.02E-02	1.71E-04	0.00E+00	9.63E-07	2.30E-06	1.74E-04	2.17E-04	9.81E-03	7.22E-05	8.45E-05	1.02E-02
811	490786.72, 3860535.12	0.04619	0.32219	0.01143	0.02641	1.87E-04	9.61E-03	7.29E-05	8.34E-05	9.96E-03	1.70E-04	0.00E+00	9.72E-07	2.27E-06	1.73E-04	2.16E-04	9.61E-03	7.29E-05	8.34E-05	9.98E-03
812	490136.72, 3860585.12	0.04433	0.42253	0.01046	0.03001	1.79E-04	1.26E-02	6.67E-05	9.48E-05	1.29E-02	1.63E-04	0.00E+00	8.90E-07	2.58E-06	1.66E-04	2.07E-04	1.26E-02	6.67E-05	9.48E-05	1.30E-02
813	490186.72, 3860585.12	0.04431	0.40961	0.0104	0.02935	1.79E-04	1.22E-02	6.63E-05	9.27E-05	1.26E-02	1.63E-04	0.00E+00	8.84E-07	2.53E-06	1.66E-04	2.07E-04	1.22E-02	6.63E-05	9.27E-05	1.26E-02
814	490236.72, 3860585.12	0.04462	0.39872	0.01044	0.02894	1.80E-04	1.19E-02	6.66E-05	9.14E-05	1.22E-02	1.64E-04	0.00E+00	8.88E-07	2.49E-06	1.67E-04	2.09E-04	1.19E-02	6.66E-05	9.14E-05	1.23E-02
815	490286.72, 3860585.12	0.04489	0.38835	0.01046	0.02852	1.81E-04	1.16E-02	6.67E-05	9.00E-05	1.19E-02	1.65E-04	0.00E+00	8.90E-07	2.46E-06	1.68E-04	2.10E-04	1.16E-02	6.67E-05	9.00E-05	1.20E-02
816	490336.72, 3860585.12	0.04511	0.37841	0.01047	0.02808	1.82E-04	1.13E-02	6.68E-05	8.87E-05	1.16E-02	1.66E-04	0.00E+00	8.90E-07	2.42E-06	1.69E-04	2.11E-04	1.13E-02	6.68E-05	8.87E-05	1.17E-02
817	490386.72, 3860585.12	0.04532	0.36904	0.0105	0.02765	1.83E-04	1.10E-02	6.70E-05	8.73E-05	1.13E-02	1.67E-04	0.00E+00	8.93E-07	2.38E-06	1.70E-04	2.12E-04	1.10E-02	6.70E-05	8.73E-05	1.14E-02
818	490436.72, 3860585.12	0.04565	0.3607	0.01058	0.02738	1.85E-04	1.08E-02	6.75E-05	8.64E-05	1.11E-02	1.68E-04	0.00E+00	9.00E-07	2.36E-06	1.71E-04	2.13E-04	1.08E-02	6.75E-05	8.64E-05	1.11E-02
819	490486.72, 3860585.12	0.04591	0.35262	0.01067	0.02704	1.86E-04	1.05E-02	6.81E-05	8.54E-05	1.09E-02	1.69E-04	0.00E+00	9.07E-07	2.33E-06	1.72E-04	2.15E-04	1.05E-02	6.81E-05	8.54E-05	1.09E-02
820	490536.72, 3860585.12	0.04596	0.34463	0.01072	0.02666	1.86E-04	1.03E-02	6.84E-05	8.42E-05	1.06E-02	1.69E-04	0.00E+00	9.12E-07	2.30E-06	1.72E-04	2.15E-04	1.03E-02	6.84E-05	8.42E-05	1.06E-02
821	490586.72, 3860585.12	0.04578	0.33632	0.01072	0.02607	1.85E-04	1.00E-02	6.84E-05	8.23E-05	1.04E-02	1.68E-04	0.00E+00	9.12E-07	2.24E-06	1.71E-04	2.14E-04	1.00E-02	6.84E-05	8.23E-05	1.04E-02
822	490636.72, 3860585.12	0.04579	0.32918	0.01082	0.02572	1.85E-04	9.82E-03	6.90E-05	8.12E-05	1.02E-02	1.68E-04	0.00E+00	9.20E-07	2.21E-06	1.71E-04	2.14E-04	9.82E-03	6.90E-05	8.12E-05	1.02E-02

823	490686.72, 3860585.12	0.04573	0.32233	0.01092	0.02537	1.85E-04	9.62E-03	6.97E-05	8.01E-05	9.95E-03	1.68E-04	0.00E+00	9.29E-07	2.18E-06	1.71E-04	2.14E-04	9.62E-03	6.97E-05	8.01E-05	9.98E-03
824	490736.72, 3860585.12	0.04562	0.31582	0.01102	0.02504	1.84E-04	9.42E-03	7.03E-05	7.91E-05	9.76E-03	1.68E-04	0.00E+00	9.37E-07	2.16E-06	1.71E-04	2.13E-04	9.42E-03	7.03E-05	7.91E-05	9.78E-03
825	490786.72, 3860585.12	0.04545	0.30952	0.01112	0.02471	1.84E-04	9.23E-03	7.09E-05	7.80E-05	9.57E-03	1.67E-04	0.00E+00	9.46E-07	2.13E-06	1.70E-04	2.13E-04	9.23E-03	7.09E-05	7.80E-05	9.60E-03
826	490136.72, 3860635.12	0.04343	0.39792	0.01036	0.02764	1.76E-04	1.19E-02	6.61E-05	8.73E-05	1.22E-02	1.60E-04	0.00E+00	8.81E-07	2.38E-06	1.63E-04	2.03E-04	1.19E-02	6.61E-05	8.73E-05	1.22E-02
827	490186.72, 3860635.12	0.04346	0.38749	0.01032	0.02724	1.76E-04	1.16E-02	6.58E-05	8.60E-05	1.19E-02	1.60E-04	0.00E+00	8.78E-07	2.35E-06	1.63E-04	2.03E-04	1.16E-02	6.58E-05	8.60E-05	1.19E-02
828	490236.72, 3860635.12	0.04351	0.37705	0.01028	0.02672	1.76E-04	1.12E-02	6.56E-05	8.44E-05	1.16E-02	1.60E-04	0.00E+00	8.74E-07	2.30E-06	1.63E-04	2.03E-04	1.12E-02	6.56E-05	8.44E-05	1.16E-02
829	490286.72, 3860635.12	0.04372	0.36766	0.01028	0.02632	1.77E-04	1.10E-02	6.56E-05	8.31E-05	1.13E-02	1.61E-04	0.00E+00	8.74E-07	2.27E-06	1.64E-04	2.04E-04	1.10E-02	6.56E-05	8.31E-05	1.13E-02
830	490336.72, 3860635.12	0.04397	0.35898	0.0103	0.02598	1.78E-04	1.07E-02	6.57E-05	8.20E-05	1.10E-02	1.62E-04	0.00E+00	8.76E-07	2.24E-06	1.65E-04	2.06E-04	1.07E-02	6.57E-05	8.20E-05	1.11E-02
831	490386.72, 3860635.12	0.04421	0.35072	0.01031	0.02564	1.79E-04	1.05E-02	6.58E-05	8.10E-05	1.08E-02	1.63E-04	0.00E+00	8.77E-07	2.21E-06	1.66E-04	2.07E-04	1.05E-02	6.58E-05	8.10E-05	1.08E-02
832	490436.72, 3860635.12	0.04441	0.34279	0.01033	0.02529	1.80E-04	1.02E-02	6.59E-05	7.98E-05	1.06E-02	1.63E-04	0.00E+00	8.79E-07	2.18E-06	1.66E-04	2.08E-04	1.02E-02	6.59E-05	7.98E-05	1.06E-02
833	490486.72, 3860635.12	0.0446	0.33537	0.01037	0.02498	1.80E-04	1.00E-02	6.61E-05	7.89E-05	1.03E-02	1.64E-04	0.00E+00	8.82E-07	2.15E-06	1.67E-04	2.09E-04	1.00E-02	6.61E-05	7.89E-05	1.04E-02
834	490536.72, 3860635.12	0.04482	0.3285	0.01044	0.02472	1.81E-04	9.80E-03	6.66E-05	7.81E-05	1.01E-02	1.65E-04	0.00E+00	8.88E-07	2.13E-06	1.68E-04	2.10E-04	9.80E-03	6.66E-05	7.81E-05	1.02E-02
835	490586.72, 3860635.12	0.04484	0.32138	0.01048	0.02434	1.81E-04	9.59E-03	6.68E-05	7.69E-05	9.91E-03	1.65E-04	0.00E+00	8.91E-07	2.10E-06	1.68E-04	2.10E-04	9.59E-03	6.68E-05	7.69E-05	9.94E-03
836	490636.72, 3860635.12	0.0449	0.31492	0.01056	0.02404	1.81E-04	9.40E-03	6.74E-05	7.59E-05	9.72E-03	1.65E-04	0.00E+00	8.98E-07	2.07E-06	1.68E-04	2.10E-04	9.40E-03	6.74E-05	7.59E-05	9.75E-03
837	490686.72, 3860635.12	0.0449	0.30866	0.01064	0.02374	1.81E-04	9.21E-03	6.79E-05	7.50E-05	9.53E-03	1.65E-04	0.00E+00	9.05E-07	2.04E-06	1.68E-04	2.10E-04	9.21E-03	6.79E-05	7.50E-05	9.56E-03
838	490736.72, 3860635.12	0.0448	0.30251	0.01072	0.02342	1.81E-04	9.02E-03	6.84E-05	7.39E-05	9.35E-03	1.65E-04	0.00E+00	9.12E-07	2.02E-06	1.68E-04	2.10E-04	9.02E-03	6.84E-05	7.39E-05	9.38E-03
839	490786.72, 3860635.12	0.04471	0.29684	0.01082	0.02315	1.81E-04	8.86E-03	6.90E-05	7.31E-05	9.18E-03	1.64E-04	0.00E+00	9.20E-07	1.99E-06	1.67E-04	2.09E-04	8.86E-03	6.90E-05	7.31E-05	9.21E-03
840	490136.72, 3860685.12	0.04233	0.3735	0.01016	0.0255	1.71E-04	1.11E-02	6.48E-05	8.05E-05	1.15E-02	1.56E-04	0.00E+00	8.64E-07	2.20E-06	1.59E-04	1.98E-04	1.11E-02	6.48E-05	8.05E-05	1.15E-02
841	490186.72, 3860685.12	0.04268	0.36441	0.01026	0.0251	1.73E-04	1.09E-02	6.54E-05	7.93E-05	1.12E-02	1.57E-04	0.00E+00	8.73E-07	2.16E-06	1.60E-04	2.00E-04	1.09E-02	6.54E-05	7.93E-05	1.12E-02
842	490236.72, 3860685.12	0.04264	0.35601	0.01019	0.02482	1.72E-04	1.06E-02	6.50E-05	7.84E-05	1.09E-02	1.57E-04	0.00E+00	8.67E-07	2.14E-06	1.60E-04	1.99E-04	1.06E-02	6.50E-05	7.84E-05	1.10E-02
843	490286.72, 3860685.12	0.04258	0.34684	0.01011	0.02428	1.72E-04	1.03E-02	6.45E-05	7.67E-05	1.07E-02	1.57E-04	0.00E+00	8.60E-07	2.09E-06	1.59E-04	1.99E-04	1.03E-02	6.45E-05	7.67E-05	1.07E-02
844	490336.72, 3860685.12	0.04288	0.33956	0.01014	0.02404	1.73E-04	1.01E-02	6.47E-05	7.59E-05	1.04E-02	1.58E-04	0.00E+00	8.62E-07	2.07E-06	1.61E-04	2.01E-04	1.01E-02	6.47E-05	7.59E-05	1.05E-02
845	490386.72, 3860685.12	0.04311	0.33232	0.01015	0.02376	1.74E-04	9.91E-03	6.47E-05	7.50E-05	1.02E-02	1.58E-04	0.00E+00	8.63E-07	2.05E-06	1.61E-04	2.02E-04	9.91E-03	6.47E-05	7.50E-05	1.03E-02
846	490436.72, 3860685.12	0.04329	0.32517	0.01015	0.02345	1.75E-04	9.70E-03	6.47E-05	7.40E-05	1.00E-02	1.59E-04	0.00E+00	8.63E-07	2.02E-06	1.62E-04	2.02E-04	9.70E-03	6.47E-05	7.40E-05	1.00E-02
847	490486.72, 3860685.12	0.04345	0.31833	0.01015	0.02315	1.76E-04	9.50E-03	6.47E-05	7.31E-05	9.81E-03	1.60E-04	0.00E+00	8.63E-07	1.99E-06	1.63E-04	2.03E-04	9.50E-03	6.47E-05	7.31E-05	9.84E-03
848	490536.72, 3860685.12	0.04365	0.31209	0.01019	0.02291	1.76E-04	9.31E-03	6.50E-05	7.23E-05	9.62E-03	1.60E-04	0.00E+00	8.67E-07	1.97E-06	1.63E-04	2.04E-04	9.31E-03	6.50E-05	7.23E-05	9.65E-03
849	490586.72, 3860685.12	0.04381	0.30608	0.01024	0.02267	1.77E-04	9.13E-03	6.53E-05	7.16E-05	9.45E-03	1.61E-04	0.00E+00	8.71E-07	1.95E-06	1.64E-04	2.05E-04	9.13E-03	6.53E-05	7.16E-05	9.47E-03
850	490636.72, 3860685.12	0.04395	0.30041	0.01031	0.02244	1.78E-04	8.96E-03	6.58E-05	7.09E-05	9.28E-03	1.62E-04	0.00E+00	8.77E-07	1.93E-06	1.64E-04	2.06E-04	8.96E-03	6.58E-05	7.09E-05	9.30E-03
851	490686.72, 3860685.12	0.04404	0.295	0.01039	0.02223	1.78E-04	8.80E-03	6.63E-05	7.02E-05	9.12E-03	1.62E-04	0.00E+00	8.84E-07	1.91E-06	1.65E-04	2.06E-04	8.80E-03	6.63E-05	7.02E-05	9.14E-03
852	490736.72, 3860685.12	0.04402	0.28951	0.01047	0.02197	1.78E-04	8.64E-03	6.68E-05	6.94E-05	8.95E-03	1.62E-04	0.00E+00	8.90E-07	1.89E-06	1.65E-04	2.06E-04	8.64E-03	6.68E-05	6.94E-05	8.98E-03
853	490786.72, 3860685.12	0.04403	0.28461	0.01057	0.02178	1.78E-04	8.49E-03	6.74E-05	6.88E-05	8.81E-03	1.62E-04	0.00E+00	8.99E-07	1.88E-06	1.65E-04	2.06E-04	8.49E-03	6.74E-05	6.88E-05	8.83E-03
854	490136.72, 3860735.12	0.04112	0.34824	0.0099	0.02335	1.66E-04	1.04E-02	6.31E-05	7.37E-05	1.07E-02	1.51E-04	0.00E+00	8.42E-07	2.01E-06	1.54E-04	1.92E-04	1.04E-02	6.31E-05	7.37E-05	1.07E-02
855	490186.72, 3860735.12	0.0412	0.34047	0.00992	0.02299	1.67E-04	1.02E-02	6.33E-05	7.26E-05	1.05E-02	1.51E-04	0.00E+00	8.44E-07	1.98E-06	1.54E-04	1.93E-04	1.02E-02	6.33E-05	7.26E-05	1.05E-02
856	490236.72, 3860735.12	0.04135	0.33328	0.00994	0.02269	1.67E-04	9.94E-03	6.34E-05	7.16E-05	1.02E-02	1.52E-04	0.00E+00	8.45E-07	1.95E-06	1.55E-04	1.93E-04	9.94E-03	6.34E-05	7.16E-05	1.03E-02
857	490286.72, 3860735.12	0.04154	0.32652	0.00996	0.02243	1.68E-04	9.74E-03	6.35E-05	7.08E-05	1.00E-02	1.53E-04	0.00E+00	8.47E-07	1.93E-06	1.56E-04	1.94E-04	9.74E-03	6.35E-05	7.08E-05	1.01E-02
858	490336.72, 3860735.12	0.04175	0.31997	0.00997	0.02218	1.69E-04	9.55E-03	6.36E-05	7.00E-05	9.85E-03	1.53E-04	0.00E+00	8.48E-07	1.91E-06	1.56E-04	1.95E-04	9.55E-03	6.36E-05	7.00E-05	9.87E-03
859	490386.72, 3860735.12	0.04201	0.31391	0.00998	0.02198	1.70E-04	9.36E-03	6.37E-05	6.94E-05	9.67E-03	1.54E-04	0.00E+00	8.49E-07	1.89E-06	1.57E-04	1.96E-04	9.36E-03	6.37E-05	6.94E-05	9.69E-03
860	490436.72, 3860735.12	0.04236	0.30842	0.01003	0.02186	1.71E-04	9.20E-03	6.40E-05	6.90E-05	9.51E-03	1.56E-04	0.00E+00	8.53E-07	1.88E-06	1.58E-04	1.98E-04	9.20E-03	6.40E-05	6.90E-05	9.53E-03
861	490486.72, 3860735.12	0.0425	0.3023	0.01001	0.02159	1.72E-04	9.02E-03	6.38E-05	6.82E-05	9.32E-03	1.56E-04	0.00E+00	8.51E-07	1.86E-06	1.59E-04	1.99E-04	9.02E-03	6.38E-05	6.82E-05	9.35E-03
862	490536.72, 3860735.12	0.04257	0.29607	0.00999	0.02128	1.72E-04	8.83E-03	6.37E-05	6.72E-05	9.14E-03	1.57E-04	0.00E+00	8.50E-07	1.83E-06	1.59E-04	1.99E-04	8.83E-03	6.37E-05	6.72E-05	9.16E-03
863	490586.72, 3860735.12	0.04273	0.29063	0.01002	0.02107	1.73E-04	8.67E-03	6.39E-05	6.65E-05	8.97E-03	1.57E-04	0.00E+00	8.52E-07	1.81E-06	1.60E-04	2.00E-04	8.67E-03	6.39E-05	6.65E-05	9.00E-03
864	490636.72, 3860735.12	0.04288	0.28553	0.01006	0.02088	1.73E-04	8.52E-03	6.42E-05	6.59E-05	8.82E-03	1.58E-04	0.00E+00	8.56E-07	1.80E-06	1.60E-04	2.01E-04	8.52E-03	6.42E-05	6.59E-05	8.85E-03
865	490686.72, 3860735.12	0.04306	0.28094	0.01014	0.02074	1.74E-04	8.38E-03	6.47E-05	6.55E-05	8.69E-03	1.58E-04	0.00E+00	8.62E-07	1.79E-06	1.61E-04	2.01E-04	8.38E-03	6.47E-05	6.55E-05	8.71E-03
866	490736.72, 3860735.12	0.04319	0.27647	0.01023	0.02059	1.75E-04	8.25E-03	6.53E-05	6.50E-05	8.55E-03	1.59E-04	0.00E+00	8.70E-07	1.77E-06	1.61E-04	2.02E-04	8.25E-03	6.53E-05	6.50E-05	8.58E-03
867	490136.72, 3860785.12	0.04007	0.32365	0.00968	0.02144	1.62E-04	9.66E-03	6.17E-05	6.77E-05	9.95E-03	1.47E-04	0.00E+00	8.23E-07	1.85E-06	1.50E-04	1.87E-04	9.66E-03	6.17E-05	6.77E-05	9.97E-03
868	490186.72, 3860785.12	0.04018	0.31767	0.00974	0.02119	1.62E-04	9.48E-03	6.21E-05	6.69E-05	9.77E-03	1.48E-04	0.00E+00	8.28E-07	1.82E-06	1.50E-04	1.88E-04	9.48E-03	6.21E-05	6.69E-05	9.79E-03
869	490236.72, 3860785.12	0.04031	0.31178	0.00977	0.02094	1.63E-04	9.30E-03	6.23E-05	6.61E-05	9.59E-03	1.48E-04	0.00E+00	8.31E-07	1.80E-06	1.51E-04	1.89E-04	9.30E-03	6.23E-05	6.61E-05	9.62E-03
870	490286.72, 3860785.12	0.04048	0.30613	0.00979	0.02071	1.64E-04	9.13E-03	6.24E-05	6.54E-05	9.42E-03	1.49E-04	0.00E+00	8.33E-07	1.78E-06	1.51E-04	1.89E-04	9.13E-03	6.24E-05	6.54E-05	9.45E-03
871	490336.72, 3860785.12	0.04066	0.30061	0.0098	0.0205	1.64E-04	8.97E-03	6.25E-05	6.47E-05	9.26E-03	1.49E-04	0.00E+00	8.33E-07	1.77E-06	1.52E-04	1.90E-04	8.97E-03	6.25E-05	6.47E-05	9.29E-03
872	490386.72, 3860785.12	0.04095	0.29578	0.00983	0.02035	1.66E-04	8.82E-03	6.27E-05	6.43E-05	9.12E-03	1.51E-04	0.00E+00	8.36E-07	1.75E-06	1.53E-04	1.92E-04	8.82E-03	6.27E-05	6.43E-05	9.14E-03
873	490436.72, 3860785.12	0.04116	0.2906	0.00983	0.02016	1.66E-04	8.67E-03	6.27E-05	6.37E-05	8.96E-03	1.51E-04	0.00E+00	8.36E-07	1.74E-06	1.54E-04	1.92E-04	8.67E-03	6.27E-05	6.37E-05	8.99E-03
874	490486.72, 3860785.12	0.04145	0.28597	0.00985	0.02004	1.68E-04	8.53E-03	6.28E-05	6.33E-05	8.83E-03	1.52E-04	0.00E+00	8.38E-07	1.73E-06	1.55E-04	1.94E-04	8.53E-03	6.28E-05	6.33E-05	8.85E-03
875	490536.72, 3860785.12	0.0416	0.28084	0.00984	0.01983	1.68E-04	8.38E-03	6.28E-05	6.26E-05	8.67E-03	1.53E-04	0.00E+00	8.37E-07	1.71E-06	1.55E-04	1.95E-04	8.38E-03	6.28E-05	6.26E-05	8.70E-03
876	490586.72, 3860785.12	0.04168	0.27551	0.00983	0.01959	1.68E-04	8.22E-03	6.27E-05	6.19E-05	8.51E-03	1.53E-04	0.00E+00	8.36E-07	1.69E-06	1.56E-04	1.95E-04	8.22E-03	6.27E-05	6.19E-05	8.54E-03
877	490636.72, 3860785.12	0.04184	0.27091	0.00985	0.01943	1.69E-04	8.08E-03	6.28E-05	6.13E-05	8.38E-03	1.54E-04	0.00E+00	8.38E-07	1.67E-06	1.56E-04	1.96E-04	8.08E-03	6.28E-05	6.13E-05	8.40E-03
878	490686.72, 3860785.12	0.04202	0.26675	0.0099	0.0193	1.70E-04	7.96E-03	6.31E-05	6.09E-05	8.25E-03	1.54E-04	0.00E+00	8.42E-07	1.66E-06	1.57E-04	1.97E-04	7.96E-03	6.31E-05	6.09E-05	8.28E-03
879	490736.72, 3860785.12	0.0422	0.26295	0.00997	0.0192	1.71E-04	7.84E-03	6.36E-05	6.06E-05	8.14E-03	1.55E-04	0.00E+00	8.48E-07	1.65E-06	1.58E-04	1.97E-04	7.84E-03	6.36E-05	6.06E-05	8.17E-03
880	490086.72, 3860835.12	0.03911	0.30555	0.00938	0.01998	1.58E-04	9.12E-03	5.98E-05	6.31E-05	9.40E-03	1.44E-04	0.00E+00	7.98E-07	1.72E-06	1.46E-04	1.83E-04	9.12E-03	5.98E-05	6.31E-05	9.42E-03
881	490136.72, 3860835.12	0.03922	0.30113	0.0095	0.01982	1.59E-04	8.98E-03	6.06E-05	6.26E-05	9.27E-03	1.44E-04	0.00E+00	8.08E-07	1.71E-06	1.47E-04	1.83E-04	8.98E-03	6.06E-05	6.26E-05	9.29E-03

882	490186.72, 3860835.12	0.03927	0.29605	0.00956	0.0196	1.59E-04	8.83E-03	6.10E-05	6.19E-05	9.11E-03	1.44E-04	0.00E+00	8.13E-07	1.69E-06	1.47E-04	1.84E-04	8.83E-03	6.10E-05	6.19E-05	9.14E-03
883	490236.72, 3860835.12	0.03936	0.2912	0.0096	0.01939	1.59E-04	8.69E-03	6.12E-05	6.12E-05	8.97E-03	1.45E-04	0.00E+00	8.16E-07	1.67E-06	1.47E-04	1.84E-04	8.69E-03	6.12E-05	6.12E-05	8.99E-03
884	490286.72, 3860835.12	0.03951	0.28669	0.00963	0.01921	1.60E-04	8.55E-03	6.14E-05	6.07E-05	8.83E-03	1.45E-04	0.00E+00	8.19E-07	1.65E-06	1.48E-04	1.85E-04	8.55E-03	6.14E-05	6.07E-05	8.86E-03
885	490336.72, 3860835.12	0.03965	0.28202	0.00964	0.01901	1.60E-04	8.41E-03	6.15E-05	6.00E-05	8.70E-03	1.46E-04	0.00E+00	8.20E-07	1.64E-06	1.48E-04	1.85E-04	8.41E-03	6.15E-05	6.00E-05	8.72E-03
886	490386.72, 3860835.12	0.03983	0.27758	0.00965	0.01884	1.61E-04	8.28E-03	6.16E-05	5.95E-05	8.56E-03	1.46E-04	0.00E+00	8.21E-07	1.62E-06	1.49E-04	1.86E-04	8.28E-03	6.16E-05	5.95E-05	8.59E-03
887	490436.72, 3860835.12	0.04009	0.27356	0.00967	0.01871	1.62E-04	8.16E-03	6.17E-05	5.91E-05	8.44E-03	1.47E-04	0.00E+00	8.22E-07	1.61E-06	1.50E-04	1.87E-04	8.16E-03	6.17E-05	5.91E-05	8.47E-03
888	490486.72, 3860835.12	0.04033	0.26951	0.00968	0.01857	1.63E-04	8.04E-03	6.17E-05	5.86E-05	8.32E-03	1.48E-04	0.00E+00	8.23E-07	1.60E-06	1.51E-04	1.89E-04	8.04E-03	6.17E-05	5.86E-05	8.35E-03
889	490536.72, 3860835.12	0.04054	0.26535	0.00968	0.01843	1.64E-04	7.92E-03	6.17E-05	5.82E-05	8.20E-03	1.49E-04	0.00E+00	8.23E-07	1.59E-06	1.51E-04	1.90E-04	7.92E-03	6.17E-05	5.82E-05	8.23E-03
890	490586.72, 3860835.12	0.0407	0.26104	0.00967	0.01827	1.65E-04	7.79E-03	6.17E-05	5.77E-05	8.07E-03	1.50E-04	0.00E+00	8.22E-07	1.57E-06	1.52E-04	1.90E-04	7.79E-03	6.17E-05	5.77E-05	8.10E-03
891	490636.72, 3860835.12	0.04085	0.25688	0.00967	0.01812	1.65E-04	7.66E-03	6.17E-05	5.72E-05	7.95E-03	1.50E-04	0.00E+00	8.22E-07	1.56E-06	1.53E-04	1.91E-04	7.66E-03	6.17E-05	5.72E-05	7.97E-03
892	490686.72, 3860835.12	0.04104	0.25318	0.0097	0.01801	1.66E-04	7.55E-03	6.19E-05	5.69E-05	7.84E-03	1.51E-04	0.00E+00	8.25E-07	1.55E-06	1.53E-04	1.92E-04	7.55E-03	6.19E-05	5.69E-05	7.86E-03
893	490736.72, 3860835.12	0.04125	0.24986	0.00976	0.01793	1.67E-04	7.45E-03	6.23E-05	5.66E-05	7.74E-03	1.52E-04	0.00E+00	8.30E-07	1.54E-06	1.54E-04	1.93E-04	7.45E-03	6.23E-05	5.66E-05	7.77E-03
894	490086.72, 3860885.12	0.03834	0.28331	0.00918	0.01847	1.55E-04	8.45E-03	5.86E-05	5.83E-05	8.72E-03	1.41E-04	0.00E+00	7.81E-07	1.59E-06	1.43E-04	1.79E-04	8.45E-03	5.86E-05	5.83E-05	8.75E-03
895	490136.72, 3860885.12	0.03838	0.27958	0.0093	0.01833	1.55E-04	8.34E-03	5.93E-05	5.79E-05	8.61E-03	1.41E-04	0.00E+00	7.91E-07	1.58E-06	1.43E-04	1.79E-04	8.34E-03	5.93E-05	5.79E-05	8.64E-03
896	490186.72, 3860885.12	0.03843	0.2757	0.00938	0.01818	1.55E-04	8.23E-03	5.98E-05	5.74E-05	8.50E-03	1.41E-04	0.00E+00	7.98E-07	1.57E-06	1.44E-04	1.80E-04	8.23E-03	5.98E-05	5.74E-05	8.52E-03
897	490236.72, 3860885.12	0.0385	0.27191	0.00944	0.01802	1.56E-04	8.11E-03	6.02E-05	5.69E-05	8.38E-03	1.42E-04	0.00E+00	8.03E-07	1.55E-06	1.44E-04	1.80E-04	8.11E-03	6.02E-05	5.69E-05	8.41E-03
898	490286.72, 3860885.12	0.0386	0.26811	0.00948	0.01787	1.56E-04	8.00E-03	6.05E-05	5.64E-05	8.27E-03	1.42E-04	0.00E+00	8.06E-07	1.54E-06	1.44E-04	1.81E-04	8.00E-03	6.05E-05	5.64E-05	8.30E-03
899	490336.72, 3860885.12	0.0387	0.26424	0.00949	0.0177	1.56E-04	7.88E-03	6.05E-05	5.59E-05	8.16E-03	1.42E-04	0.00E+00	8.07E-07	1.52E-06	1.45E-04	1.81E-04	7.88E-03	6.05E-05	5.59E-05	8.18E-03
900	490386.72, 3860885.12	0.03889	0.26074	0.00951	0.01757	1.57E-04	7.78E-03	6.07E-05	5.55E-05	8.05E-03	1.43E-04	0.00E+00	8.09E-07	1.51E-06	1.45E-04	1.82E-04	7.78E-03	6.07E-05	5.55E-05	8.08E-03
901	490436.72, 3860885.12	0.0391	0.25739	0.00953	0.01744	1.58E-04	7.68E-03	6.08E-05	5.51E-05	7.95E-03	1.44E-04	0.00E+00	8.10E-07	1.50E-06	1.46E-04	1.83E-04	7.68E-03	6.08E-05	5.51E-05	7.98E-03
902	490486.72, 3860885.12	0.03931	0.25391	0.00953	0.01732	1.59E-04	7.57E-03	6.08E-05	5.47E-05	7.85E-03	1.45E-04	0.00E+00	8.10E-07	1.49E-06	1.47E-04	1.84E-04	7.57E-03	6.08E-05	5.47E-05	7.87E-03
903	490536.72, 3860885.12	0.03951	0.25038	0.00953	0.01719	1.60E-04	7.47E-03	6.08E-05	5.43E-05	7.74E-03	1.45E-04	0.00E+00	8.10E-07	1.48E-06	1.48E-04	1.85E-04	7.47E-03	6.08E-05	5.43E-05	7.77E-03
904	490586.72, 3860885.12	0.0397	0.24679	0.00952	0.01705	1.60E-04	7.36E-03	6.07E-05	5.38E-05	7.64E-03	1.46E-04	0.00E+00	8.10E-07	1.47E-06	1.48E-04	1.86E-04	7.36E-03	6.07E-05	5.38E-05	7.66E-03
905	490636.72, 3860885.12	0.03986	0.24323	0.00951	0.01693	1.61E-04	7.26E-03	6.07E-05	5.35E-05	7.53E-03	1.47E-04	0.00E+00	8.09E-07	1.46E-06	1.49E-04	1.86E-04	7.26E-03	6.07E-05	5.35E-05	7.56E-03
906	490686.72, 3860885.12	0.04005	0.23991	0.00953	0.01682	1.62E-04	7.16E-03	6.08E-05	5.31E-05	7.43E-03	1.47E-04	0.00E+00	8.10E-07	1.45E-06	1.50E-04	1.87E-04	7.16E-03	6.08E-05	5.31E-05	7.46E-03
907	490736.72, 3860885.12	0.04023	0.23679	0.00955	0.01673	1.63E-04	7.06E-03	6.09E-05	5.28E-05	7.34E-03	1.48E-04	0.00E+00	8.12E-07	1.44E-06	1.50E-04	1.88E-04	7.06E-03	6.09E-05	5.28E-05	7.37E-03
908	490086.72, 3860935.12	0.03755	0.26215	0.00895	0.01705	1.52E-04	7.82E-03	5.71E-05	5.38E-05	8.08E-03	1.38E-04	0.00E+00	7.61E-07	1.47E-06	1.40E-04	1.76E-04	7.82E-03	5.71E-05	5.38E-05	8.11E-03
909	490136.72, 3860935.12	0.03754	0.25901	0.00907	0.01694	1.52E-04	7.73E-03	5.79E-05	5.35E-05	7.99E-03	1.38E-04	0.00E+00	7.71E-07	1.46E-06	1.40E-04	1.76E-04	7.73E-03	5.79E-05	5.35E-05	8.01E-03
910	490186.72, 3860935.12	0.0376	0.25635	0.00918	0.01686	1.52E-04	7.65E-03	5.86E-05	5.32E-05	7.91E-03	1.38E-04	0.00E+00	7.81E-07	1.45E-06	1.40E-04	1.76E-04	7.65E-03	5.86E-05	5.32E-05	7.94E-03
911	490236.72, 3860935.12	0.03767	0.25354	0.00926	0.01676	1.52E-04	7.56E-03	5.91E-05	5.29E-05	7.83E-03	1.38E-04	0.00E+00	7.88E-07	1.44E-06	1.41E-04	1.76E-04	7.56E-03	5.91E-05	5.29E-05	7.85E-03
912	490286.72, 3860935.12	0.03776	0.25071	0.00932	0.01666	1.53E-04	7.48E-03	5.94E-05	5.26E-05	7.74E-03	1.39E-04	0.00E+00	7.93E-07	1.43E-06	1.41E-04	1.77E-04	7.48E-03	5.94E-05	5.26E-05	7.77E-03
913	490336.72, 3860935.12	0.03784	0.24754	0.00935	0.01653	1.53E-04	7.38E-03	5.96E-05	5.22E-05	7.65E-03	1.39E-04	0.00E+00	7.95E-07	1.42E-06	1.41E-04	1.77E-04	7.38E-03	5.96E-05	5.22E-05	7.67E-03
914	490386.72, 3860935.12	0.038	0.2448	0.00937	0.01643	1.54E-04	7.30E-03	5.98E-05	5.19E-05	7.57E-03	1.40E-04	0.00E+00	7.97E-07	1.41E-06	1.42E-04	1.78E-04	7.30E-03	5.98E-05	5.19E-05	7.59E-03
915	490436.72, 3860935.12	0.03818	0.24204	0.00939	0.01632	1.54E-04	7.22E-03	5.99E-05	5.15E-05	7.49E-03	1.40E-04	0.00E+00	7.99E-07	1.41E-06	1.43E-04	1.79E-04	7.22E-03	5.99E-05	5.15E-05	7.51E-03
916	490486.72, 3860935.12	0.03835	0.23905	0.00939	0.01621	1.55E-04	7.13E-03	5.99E-05	5.12E-05	7.40E-03	1.41E-04	0.00E+00	7.99E-07	1.40E-06	1.43E-04	1.79E-04	7.13E-03	5.99E-05	5.12E-05	7.42E-03
917	490536.72, 3860935.12	0.03855	0.23617	0.00939	0.0161	1.56E-04	7.05E-03	5.99E-05	5.08E-05	7.31E-03	1.42E-04	0.00E+00	7.99E-07	1.39E-06	1.44E-04	1.80E-04	7.05E-03	5.99E-05	5.08E-05	7.34E-03
918	490586.72, 3860935.12	0.03873	0.23312	0.00938	0.01598	1.57E-04	6.95E-03	5.98E-05	5.05E-05	7.22E-03	1.42E-04	0.00E+00	7.98E-07	1.38E-06	1.45E-04	1.81E-04	6.95E-03	5.98E-05	5.05E-05	7.25E-03
919	490636.72, 3860935.12	0.0389	0.23009	0.00937	0.01587	1.57E-04	6.86E-03	5.98E-05	5.01E-05	7.13E-03	1.43E-04	0.00E+00	7.97E-07	1.37E-06	1.45E-04	1.82E-04	6.86E-03	5.98E-05	5.01E-05	7.16E-03
920	490686.72, 3860935.12	0.03909	0.22723	0.00937	0.01577	1.58E-04	6.78E-03	5.98E-05	4.98E-05	7.05E-03	1.44E-04	0.00E+00	7.97E-07	1.36E-06	1.46E-04	1.83E-04	6.78E-03	5.98E-05	4.98E-05	7.07E-03
921	490736.72, 3860935.12	0.03927	0.22444	0.00938	0.01569	1.59E-04	6.70E-03	5.98E-05	4.95E-05	6.96E-03	1.44E-04	0.00E+00	7.98E-07	1.35E-06	1.47E-04	1.84E-04	6.70E-03	5.98E-05	4.95E-05	6.99E-03
922	490786.72, 3860935.12	0.03945	0.22178	0.00941	0.01561	1.59E-04	6.62E-03	6.00E-05	4.93E-05	6.89E-03	1.45E-04	0.00E+00	8.00E-07	1.34E-06	1.47E-04	1.84E-04	6.62E-03	6.00E-05	4.93E-05	6.91E-03
923	490836.72, 3860935.12	0.03965	0.21948	0.00946	0.01556	1.60E-04	6.55E-03	6.03E-05	4.91E-05	6.82E-03	1.46E-04	0.00E+00	8.05E-07	1.34E-06	1.48E-04	1.85E-04	6.55E-03	6.03E-05	4.91E-05	6.84E-03
924	490086.72, 3860985.12	0.03684	0.24307	0.00873	0.01579	1.49E-04	7.25E-03	5.57E-05	4.99E-05	7.51E-03	1.35E-04	0.00E+00	7.42E-07	1.36E-06	1.38E-04	1.72E-04	7.25E-03	5.57E-05	4.99E-05	7.53E-03
925	490136.72, 3860985.12	0.03685	0.24094	0.00888	0.01573	1.49E-04	7.19E-03	5.66E-05	4.97E-05	7.44E-03	1.35E-04	0.00E+00	7.55E-07	1.35E-06	1.38E-04	1.72E-04	7.19E-03	5.66E-05	4.97E-05	7.47E-03
926	490186.72, 3860985.12	0.0369	0.23901	0.00901	0.01569	1.49E-04	7.13E-03	5.75E-05	4.95E-05	7.39E-03	1.36E-04	0.00E+00	7.66E-07	1.35E-06	1.38E-04	1.73E-04	7.13E-03	5.75E-05	4.95E-05	7.41E-03
927	490236.72, 3860985.12	0.0369	0.23652	0.00909	0.01561	1.49E-04	7.06E-03	5.80E-05	4.93E-05	7.31E-03	1.36E-04	0.00E+00	7.73E-07	1.34E-06	1.38E-04	1.73E-04	7.06E-03	5.80E-05	4.93E-05	7.34E-03
928	490286.72, 3860985.12	0.03694	0.23418	0.00915	0.01553	1.49E-04	6.99E-03	5.84E-05	4.90E-05	7.24E-03	1.36E-04	0.00E+00	7.78E-07	1.34E-06	1.38E-04	1.73E-04	6.99E-03	5.84E-05	4.90E-05	7.27E-03
929	490336.72, 3860985.12	0.03702	0.23186	0.0092	0.01545	1.50E-04	6.92E-03	5.87E-05	4.88E-05	7.17E-03	1.36E-04	0.00E+00	7.82E-07	1.33E-06	1.38E-04	1.73E-04	6.92E-03	5.87E-05	4.88E-05	7.20E-03
930	490386.72, 3860985.12	0.03714	0.2296	0.00923	0.01537	1.50E-04	6.85E-03	5.89E-05	4.85E-05	7.11E-03	1.37E-04	0.00E+00	7.85E-07	1.32E-06	1.39E-04	1.74E-04	6.85E-03	5.89E-05	4.85E-05	7.13E-03
931	490436.72, 3860985.12	0.03732	0.22758	0.00926	0.01531	1.51E-04	6.79E-03	5.91E-05	4.83E-05	7.05E-03	1.37E-04	0.00E+00	7.88E-07	1.32E-06	1.39E-04	1.75E-04	6.79E-03	5.91E-05	4.83E-05	7.07E-03
932	490486.72, 3860985.12	0.03746	0.22511	0.00927	0.01521	1.51E-04	6.72E-03	5.91E-05	4.80E-05	6.97E-03	1.38E-04	0.00E+00	7.88E-07	1.31E-06	1.40E-04	1.75E-04	6.72E-03	5.91E-05	4.80E-05	7.00E-03
933	490536.72, 3860985.12	0.03761	0.22254	0.00926	0.01511	1.52E-04	6.64E-03	5.91E-05	4.77E-05	6.90E-03	1.38E-04	0.00E+00	7.88E-07	1.30E-06	1.40E-04	1.76E-04	6.64E-03	5.91E-05	4.77E-05	6.92E-03
934	490586.72, 3860985.12	0.03778	0.22001	0.00925	0.01501	1.53E-04	6.56E-03	5.90E-05	4.74E-05	6.82E-03	1.39E-04	0.00E+00	7.87E-07	1.29E-06	1.41E-04	1.77E-04	6.56E-03	5.90E-05	4.74E-05	6.85E-03
935	490636.72, 3860985.12	0.03798	0.21764	0.00924	0.01493	1.54E-04	6.49E-03	5.89E-05	4.71E-05	6.75E-03	1.40E-04	0.00E+00	7.86E-07	1.29E-06	1.42E-04	1.78E-04	6.49E-03	5.89E-05	4.71E-05	6.78E-03
936	490686.72, 3860985.12	0.03816	0.21511	0.00924	0.01484	1.54E-04	6.42E-03	5.89E-05	4.69E-05	6.68E-03	1.40E-04	0.00E+00	7.86E-07	1.28E-06	1.42E-04	1.78E-04	6.42E-03	5.89E-05	4.69E-05	6.70E-03
937	490736.72, 3860985.12	0.03833	0.21262	0.00923	0.01475	1.55E-04	6.34E-03	5.89E-05	4.66E-05	6.60E-03	1.41E-04	0.00E+00	7.85E-07	1.27E-06	1.43E-04	1.79E-04	6.34E-03	5.89E-05	4.66E-05	6.63E-03
938	490786.72, 3860985.12	0.03853	0.21034	0.00925	0.01469	1.56E-04	6.28E-03	5.90E-05	4.64E-05	6.54E-03	1.42E-04	0.00E+00	7.87E-07	1.26E-06	1.44E-04	1.80E-04	6.28E-03	5.90E-05	4.64E-05	6.56E-03
939	490836.72, 3860985.12	0.03873	0.20828	0.00928	0.01464	1.57E-04	6.21E-03	5.92E-05	4.62E-05	6.48E-03	1.42E-04	0.00E+00	7.89E-07	1.26E-06	1.44E-04	1.81E-04	6.21E-03	5.92E-05	4.62E-05	6.50E-03
940	490086.72, 3861035.12	0.03614	0.22556	0.0085	0.01468	1.46E-04	6.73E-03	5.42E-05	4.64E-05	6.98E-03	1.33E-04	0.00E+00	7.23E-07	1.26E-06	1.35E-04	1.69E-04	6.73E-03	5.42E-05	4.64E-05	7.00E-03

941	490136.72, 3861035.12	0.03616	0.22411	0.00867	0.01464	1.46E-04	6.69E-03	5.53E-05	4.62E-05	6.93E-03	1.33E-04	0.00E+00	7.37E-07	1.26E-06	1.35E-04	1.69E-04	6.69E-03	5.53E-05	4.62E-05	6.96E-03
942	490186.72, 3861035.12	0.03617	0.22248	0.0088	0.0146	1.46E-04	6.64E-03	5.61E-05	4.61E-05	6.89E-03	1.33E-04	0.00E+00	7.48E-07	1.26E-06	1.35E-04	1.69E-04	6.64E-03	5.61E-05	4.61E-05	6.91E-03
943	490236.72, 3861035.12	0.0362	0.22093	0.00891	0.01456	1.46E-04	6.59E-03	5.68E-05	4.60E-05	6.84E-03	1.33E-04	0.00E+00	7.58E-07	1.25E-06	1.35E-04	1.69E-04	6.59E-03	5.68E-05	4.60E-05	6.86E-03
944	490286.72, 3861035.12	0.0362	0.21898	0.00899	0.0145	1.46E-04	6.53E-03	5.73E-05	4.58E-05	6.78E-03	1.33E-04	0.00E+00	7.65E-07	1.25E-06	1.35E-04	1.69E-04	6.53E-03	5.73E-05	4.58E-05	6.81E-03
945	490336.72, 3861035.12	0.03624	0.21709	0.00904	0.01445	1.46E-04	6.48E-03	5.77E-05	4.56E-05	6.73E-03	1.33E-04	0.00E+00	7.69E-07	1.24E-06	1.35E-04	1.69E-04	6.48E-03	5.77E-05	4.56E-05	6.75E-03
946	490386.72, 3861035.12	0.03636	0.21558	0.00909	0.01441	1.47E-04	6.43E-03	5.80E-05	4.55E-05	6.68E-03	1.34E-04	0.00E+00	7.73E-07	1.24E-06	1.36E-04	1.70E-04	6.43E-03	5.80E-05	4.55E-05	6.70E-03
947	490436.72, 3861035.12	0.03651	0.21398	0.00913	0.01437	1.48E-04	6.38E-03	5.82E-05	4.54E-05	6.63E-03	1.34E-04	0.00E+00	7.76E-07	1.24E-06	1.36E-04	1.71E-04	6.38E-03	5.82E-05	4.54E-05	6.66E-03
948	490486.72, 3861035.12	0.03664	0.21204	0.00914	0.01431	1.48E-04	6.33E-03	5.83E-05	4.52E-05	6.58E-03	1.35E-04	0.00E+00	7.77E-07	1.23E-06	1.37E-04	1.71E-04	6.33E-03	5.83E-05	4.52E-05	6.60E-03
949	490536.72, 3861035.12	0.03676	0.20995	0.00914	0.01423	1.49E-04	6.26E-03	5.83E-05	4.49E-05	6.52E-03	1.35E-04	0.00E+00	7.77E-07	1.23E-06	1.37E-04	1.72E-04	6.26E-03	5.83E-05	4.49E-05	6.54E-03
950	490586.72, 3861035.12	0.03691	0.2078	0.00913	0.01415	1.49E-04	6.20E-03	5.82E-05	4.47E-05	6.45E-03	1.36E-04	0.00E+00	7.76E-07	1.22E-06	1.38E-04	1.73E-04	6.20E-03	5.82E-05	4.47E-05	6.47E-03
951	490636.72, 3861035.12	0.03707	0.20564	0.00912	0.01407	1.50E-04	6.13E-03	5.82E-05	4.44E-05	6.39E-03	1.36E-04	0.00E+00	7.76E-07	1.21E-06	1.38E-04	1.73E-04	6.13E-03	5.82E-05	4.44E-05	6.41E-03
952	490686.72, 3861035.12	0.03724	0.2035	0.00911	0.01399	1.51E-04	6.07E-03	5.81E-05	4.42E-05	6.32E-03	1.37E-04	0.00E+00	7.75E-07	1.20E-06	1.39E-04	1.74E-04	6.07E-03	5.81E-05	4.42E-05	6.35E-03
953	490736.72, 3861035.12	0.03742	0.20141	0.0091	0.01391	1.51E-04	6.01E-03	5.80E-05	4.39E-05	6.26E-03	1.38E-04	0.00E+00	7.74E-07	1.20E-06	1.40E-04	1.75E-04	6.01E-03	5.80E-05	4.39E-05	6.29E-03
954	490786.72, 3861035.12	0.03762	0.1995	0.0091	0.01386	1.52E-04	5.95E-03	5.80E-05	4.38E-05	6.21E-03	1.38E-04	0.00E+00	7.74E-07	1.19E-06	1.40E-04	1.76E-04	5.95E-03	5.80E-05	4.38E-05	6.23E-03
955	490836.72, 3861035.12	0.03783	0.19766	0.00912	0.01381	1.53E-04	5.90E-03	5.82E-05	4.36E-05	6.15E-03	1.39E-04	0.00E+00	7.76E-07	1.19E-06	1.41E-04	1.77E-04	5.90E-03	5.82E-05	4.36E-05	6.18E-03
956	490086.72, 3861085.12	0.03548	0.20975	0.00828	0.01371	1.43E-04	6.26E-03	5.28E-05	4.33E-05	6.50E-03	1.30E-04	0.00E+00	7.04E-07	1.18E-06	1.32E-04	1.66E-04	6.26E-03	5.28E-05	4.33E-05	6.52E-03
957	490136.72, 3861085.12	0.03553	0.20895	0.00846	0.01369	1.44E-04	6.23E-03	5.40E-05	4.32E-05	6.47E-03	1.31E-04	0.00E+00	7.19E-07	1.18E-06	1.33E-04	1.66E-04	6.23E-03	5.40E-05	4.32E-05	6.50E-03
958	490186.72, 3861085.12	0.03559	0.20813	0.00863	0.01367	1.44E-04	6.21E-03	5.50E-05	4.32E-05	6.45E-03	1.31E-04	0.00E+00	7.34E-07	1.18E-06	1.33E-04	1.66E-04	6.21E-03	5.50E-05	4.32E-05	6.47E-03
959	490236.72, 3861085.12	0.03556	0.20665	0.00874	0.01363	1.44E-04	6.17E-03	5.57E-05	4.30E-05	6.41E-03	1.31E-04	0.00E+00	7.43E-07	1.17E-06	1.33E-04	1.66E-04	6.17E-03	5.57E-05	4.30E-05	6.43E-03
960	490286.72, 3861085.12	0.03555	0.20519	0.00883	0.01359	1.44E-04	6.12E-03	5.63E-05	4.29E-05	6.36E-03	1.31E-04	0.00E+00	7.51E-07	1.17E-06	1.33E-04	1.66E-04	6.12E-03	5.63E-05	4.29E-05	6.39E-03
961	490336.72, 3861085.12	0.03555	0.20368	0.00889	0.01355	1.44E-04	6.08E-03	5.67E-05	4.28E-05	6.32E-03	1.31E-04	0.00E+00	7.56E-07	1.17E-06	1.33E-04	1.66E-04	6.08E-03	5.67E-05	4.28E-05	6.34E-03
962	490386.72, 3861085.12	0.03564	0.20251	0.00895	0.01353	1.44E-04	6.04E-03	5.71E-05	4.27E-05	6.29E-03	1.31E-04	0.00E+00	7.61E-07	1.17E-06	1.33E-04	1.67E-04	6.04E-03	5.71E-05	4.27E-05	6.31E-03
963	490436.72, 3861085.12	0.03572	0.20108	0.00899	0.01349	1.44E-04	6.00E-03	5.73E-05	4.26E-05	6.24E-03	1.31E-04	0.00E+00	7.65E-07	1.16E-06	1.33E-04	1.67E-04	6.00E-03	5.73E-05	4.26E-05	6.27E-03
964	490486.72, 3861085.12	0.03582	0.19957	0.00901	0.01345	1.45E-04	5.95E-03	5.75E-05	4.25E-05	6.20E-03	1.32E-04	0.00E+00	7.66E-07	1.16E-06	1.34E-04	1.68E-04	5.95E-03	5.75E-05	4.25E-05	6.22E-03
965	490536.72, 3861085.12	0.03597	0.19815	0.00902	0.01341	1.45E-04	5.91E-03	5.75E-05	4.23E-05	6.16E-03	1.32E-04	0.00E+00	7.67E-07	1.15E-06	1.34E-04	1.68E-04	5.91E-03	5.75E-05	4.23E-05	6.18E-03
966	490586.72, 3861085.12	0.03608	0.19634	0.00902	0.01335	1.46E-04	5.86E-03	5.75E-05	4.22E-05	6.10E-03	1.33E-04	0.00E+00	7.67E-07	1.15E-06	1.35E-04	1.69E-04	5.86E-03	5.75E-05	4.22E-05	6.13E-03
967	490636.72, 3861085.12	0.03619	0.19436	0.009	0.01327	1.46E-04	5.80E-03	5.74E-05	4.19E-05	6.04E-03	1.33E-04	0.00E+00	7.65E-07	1.14E-06	1.35E-04	1.69E-04	5.80E-03	5.74E-05	4.19E-05	6.07E-03
968	490686.72, 3861085.12	0.03635	0.19255	0.00898	0.01321	1.47E-04	5.74E-03	5.73E-05	4.17E-05	5.99E-03	1.34E-04	0.00E+00	7.64E-07	1.14E-06	1.36E-04	1.70E-04	5.74E-03	5.73E-05	4.17E-05	6.01E-03
969	490736.72, 3861085.12	0.03654	0.19085	0.00898	0.01315	1.48E-04	5.69E-03	5.73E-05	4.15E-05	5.94E-03	1.34E-04	0.00E+00	7.64E-07	1.13E-06	1.36E-04	1.71E-04	5.69E-03	5.73E-05	4.15E-05	5.96E-03
970	490786.72, 3861085.12	0.03673	0.1892	0.00897	0.0131	1.48E-04	5.64E-03	5.72E-05	4.14E-05	5.89E-03	1.35E-04	0.00E+00	7.63E-07	1.13E-06	1.37E-04	1.72E-04	5.64E-03	5.72E-05	4.14E-05	5.91E-03
971	490836.72, 3861085.12	0.03693	0.18757	0.00898	0.01306	1.49E-04	5.60E-03	5.73E-05	4.12E-05	5.84E-03	1.36E-04	0.00E+00	7.64E-07	1.12E-06	1.38E-04	1.73E-04	5.60E-03	5.73E-05	4.12E-05	5.87E-03
972	490086.72, 3861135.12	0.03483	0.19547	0.00804	0.01285	1.41E-04	5.83E-03	5.13E-05	4.06E-05	6.06E-03	1.28E-04	0.00E+00	6.84E-07	1.11E-06	1.30E-04	1.63E-04	5.83E-03	5.13E-05	4.06E-05	6.09E-03
973	490136.72, 3861135.12	0.03487	0.19485	0.00824	0.01282	1.41E-04	5.81E-03	5.26E-05	4.05E-05	6.05E-03	1.28E-04	0.00E+00	7.01E-07	1.10E-06	1.30E-04	1.63E-04	5.81E-03	5.26E-05	4.05E-05	6.07E-03
974	490186.72, 3861135.12	0.03491	0.19424	0.00841	0.01281	1.41E-04	5.79E-03	5.36E-05	4.04E-05	6.03E-03	1.28E-04	0.00E+00	7.15E-07	1.10E-06	1.30E-04	1.63E-04	5.79E-03	5.36E-05	4.04E-05	6.05E-03
975	490236.72, 3861135.12	0.03493	0.19346	0.00856	0.01279	1.41E-04	5.77E-03	5.46E-05	4.04E-05	6.01E-03	1.28E-04	0.00E+00	7.28E-07	1.10E-06	1.30E-04	1.63E-04	5.77E-03	5.46E-05	4.04E-05	6.03E-03
976	490286.72, 3861135.12	0.03493	0.19248	0.00867	0.01277	1.41E-04	5.74E-03	5.53E-05	4.03E-05	5.98E-03	1.28E-04	0.00E+00	7.37E-07	1.10E-06	1.30E-04	1.63E-04	5.74E-03	5.53E-05	4.03E-05	6.00E-03
977	490336.72, 3861135.12	0.03492	0.19134	0.00874	0.01274	1.41E-04	5.71E-03	5.57E-05	4.02E-05	5.95E-03	1.28E-04	0.00E+00	7.43E-07	1.10E-06	1.30E-04	1.63E-04	5.71E-03	5.57E-05	4.02E-05	5.97E-03
978	490386.72, 3861135.12	0.03496	0.19033	0.00881	0.01272	1.41E-04	5.68E-03	5.62E-05	4.02E-05	5.92E-03	1.29E-04	0.00E+00	7.49E-07	1.10E-06	1.30E-04	1.63E-04	5.68E-03	5.62E-05	4.02E-05	5.94E-03
979	490436.72, 3861135.12	0.035	0.18919	0.00885	0.0127	1.41E-04	5.64E-03	5.64E-05	4.01E-05	5.88E-03	1.29E-04	0.00E+00	7.53E-07	1.09E-06	1.31E-04	1.64E-04	5.64E-03	5.64E-05	4.01E-05	5.90E-03
980	490486.72, 3861135.12	0.03508	0.18805	0.00888	0.01268	1.42E-04	5.61E-03	5.66E-05	4.00E-05	5.85E-03	1.29E-04	0.00E+00	7.55E-07	1.09E-06	1.31E-04	1.64E-04	5.61E-03	5.66E-05	4.00E-05	5.87E-03
981	490536.72, 3861135.12	0.03518	0.18684	0.0089	0.01265	1.42E-04	5.57E-03	5.68E-05	3.99E-05	5.81E-03	1.29E-04	0.00E+00	7.57E-07	1.09E-06	1.31E-04	1.65E-04	5.57E-03	5.68E-05	3.99E-05	5.84E-03
982	490586.72, 3861135.12	0.03528	0.18545	0.0089	0.01261	1.43E-04	5.53E-03	5.68E-05	3.98E-05	5.77E-03	1.30E-04	0.00E+00	7.57E-07	1.09E-06	1.32E-04	1.65E-04	5.53E-03	5.68E-05	3.98E-05	5.79E-03
983	490636.72, 3861135.12	0.03538	0.18385	0.00888	0.01255	1.43E-04	5.48E-03	5.66E-05	3.96E-05	5.72E-03	1.30E-04	0.00E+00	7.55E-07	1.08E-06	1.32E-04	1.65E-04	5.48E-03	5.66E-05	3.96E-05	5.75E-03
984	490686.72, 3861135.12	0.03553	0.18242	0.00888	0.0125	1.44E-04	5.44E-03	5.66E-05	3.95E-05	5.68E-03	1.31E-04	0.00E+00	7.55E-07	1.08E-06	1.32E-04	1.66E-04	5.44E-03	5.66E-05	3.95E-05	5.70E-03
985	490736.72, 3861135.12	0.03571	0.18103	0.00887	0.01246	1.44E-04	5.40E-03	5.66E-05	3.93E-05	5.64E-03	1.31E-04	0.00E+00	7.54E-07	1.07E-06	1.33E-04	1.67E-04	5.40E-03	5.66E-05	3.93E-05	5.66E-03
986	490786.72, 3861135.12	0.03589	0.17961	0.00886	0.01242	1.45E-04	5.36E-03	5.65E-05	3.92E-05	5.60E-03	1.32E-04	0.00E+00	7.54E-07	1.07E-06	1.34E-04	1.68E-04	5.36E-03	5.65E-05	3.92E-05	5.62E-03
987	490836.72, 3861135.12	0.03608	0.17815	0.00885	0.01238	1.46E-04	5.31E-03	5.64E-05	3.91E-05	5.56E-03	1.33E-04	0.00E+00	7.53E-07	1.07E-06	1.34E-04	1.69E-04	5.31E-03	5.64E-05	3.91E-05	5.58E-03
988	490086.72, 3861185.12	0.03419	0.18268	0.00781	0.01209	1.38E-04	5.45E-03	4.98E-05	3.82E-05	5.68E-03	1.26E-04	0.00E+00	6.64E-07	1.04E-06	1.27E-04	1.60E-04	5.45E-03	4.98E-05	3.82E-05	5.70E-03
989	490136.72, 3861185.12	0.03419	0.1819	0.008	0.01205	1.38E-04	5.43E-03	5.10E-05	3.80E-05	5.65E-03	1.26E-04	0.00E+00	6.80E-07	1.04E-06	1.27E-04	1.60E-04	5.43E-03	5.10E-05	3.80E-05	5.68E-03
990	490186.72, 3861185.12	0.03421	0.18138	0.00819	0.01203	1.38E-04	5.41E-03	5.22E-05	3.80E-05	5.64E-03	1.26E-04	0.00E+00	6.97E-07	1.04E-06	1.28E-04	1.60E-04	5.41E-03	5.22E-05	3.80E-05	5.66E-03
991	490236.72, 3861185.12	0.03424	0.1809	0.00834	0.01202	1.38E-04	5.40E-03	5.32E-05	3.80E-05	5.63E-03	1.26E-04	0.00E+00	7.09E-07	1.04E-06	1.28E-04	1.60E-04	5.40E-03	5.32E-05	3.80E-05	5.65E-03
992	490286.72, 3861185.12	0.03429	0.18051	0.00848	0.01202	1.39E-04	5.39E-03	5.41E-05	3.80E-05	5.62E-03	1.26E-04	0.00E+00	7.21E-07	1.04E-06	1.28E-04	1.60E-04	5.39E-03	5.41E-05	3.80E-05	5.64E-03
993	490336.72, 3861185.12	0.03423	0.17938	0.00857	0.01198	1.38E-04	5.35E-03	5.47E-05	3.78E-05	5.58E-03	1.26E-04	0.00E+00	7.29E-07	1.03E-06	1.28E-04	1.60E-04	5.35E-03	5.47E-05	3.78E-05	5.60E-03
994	490386.72, 3861185.12	0.03426	0.17869	0.00864	0.01198	1.38E-04	5.33E-03	5.51E-05	3.78E-05	5.56E-03	1.26E-04	0.00E+00	7.35E-07	1.03E-06	1.28E-04	1.60E-04	5.33E-03	5.51E-05	3.78E-05	5.58E-03
995	490436.72, 3861185.12	0.03433	0.17809	0.00871	0.01198	1.39E-04	5.31E-03	5.56E-05	3.78E-05	5.55E-03	1.26E-04	0.00E+00	7.41E-07	1.03E-06	1.28E-04	1.61E-04	5.31E-03	5.56E-05	3.78E-05	5.57E-03
996	490486.72, 3861185.12	0.03437	0.17719	0.00875	0.01196	1.39E-04	5.29E-03	5.58E-05	3.78E-05	5.52E-03	1.26E-04	0.00E+00	7.44E-07	1.03E-06	1.28E-04	1.61E-04	5.29E-03	5.58E-05	3.78E-05	5.54E-03
997	490536.72, 3861185.12	0.0345	0.17661	0.00879	0.01197	1.39E-04	5.27E-03	5.61E-05	3.78E-05	5.50E-03	1.27E-04	0.00E+00	7.48E-07	1.03E-06	1.29E-04	1.61E-04	5.27E-03	5.61E-05	3.78E-05	5.52E-03
998	490586.72, 3861185.12	0.03456	0.17543	0.00879	0.01193	1.40E-04	5.23E-03	5.61E-05	3.77E-05	5.47E-03	1.27E-04	0.00E+00	7.48E-07	1.03E-06	1.29E-04	1.62E-04	5.23E-03	5.61E-05	3.77E-05	5.49E-03
999	490636.72, 3861185.12	0.0346	0.17395	0.00877	0.01188	1.40E-04	5.19E-03	5.59E-05	3.75E-05	5.42E-03	1.27E-04	0.00E+00	7.46E-07	1.02E-06	1.29E-04	1.62E-04	5.19E-03	5.59E-05	3.75E-05	5.44E-03

1000	490686.72, 3861185.12	0.03473	0.17277	0.00876	0.01185	1.40E-04	5.15E-03	5.59E-05	3.74E-05	5.39E-03	1.28E-04	0.00E+00	7.45E-07	1.02E-06	1.29E-04	1.62E-04	5.15E-03	5.59E-05	3.74E-05	5.41E-03
1001	490736.72, 3861185.12	0.03491	0.17178	0.00876	0.01183	1.41E-04	5.12E-03	5.59E-05	3.74E-05	5.36E-03	1.28E-04	0.00E+00	7.45E-07	1.02E-06	1.30E-04	1.63E-04	5.12E-03	5.59E-05	3.74E-05	5.38E-03
1002	490786.72, 3861185.12	0.03509	0.17066	0.00876	0.0118	1.42E-04	5.09E-03	5.59E-05	3.73E-05	5.33E-03	1.29E-04	0.00E+00	7.45E-07	1.02E-06	1.31E-04	1.64E-04	5.09E-03	5.59E-05	3.73E-05	5.35E-03
1003	490836.72, 3861185.12	0.03527	0.16943	0.00875	0.01176	1.43E-04	5.05E-03	5.58E-05	3.71E-05	5.29E-03	1.30E-04	0.00E+00	7.44E-07	1.01E-06	1.31E-04	1.65E-04	5.05E-03	5.58E-05	3.71E-05	5.31E-03
1004	490086.72, 3861235.12	0.03356	0.17116	0.00757	0.01141	1.36E-04	5.11E-03	4.83E-05	3.60E-05	5.33E-03	1.23E-04	0.00E+00	6.44E-07	9.83E-07	1.25E-04	1.57E-04	5.11E-03	4.83E-05	3.60E-05	5.35E-03
1005	490136.72, 3861235.12	0.03357	0.17056	0.00778	0.01138	1.36E-04	5.09E-03	4.96E-05	3.59E-05	5.31E-03	1.23E-04	0.00E+00	6.62E-07	9.80E-07	1.25E-04	1.57E-04	5.09E-03	4.96E-05	3.59E-05	5.33E-03
1006	490186.72, 3861235.12	0.03361	0.17019	0.00797	0.01137	1.36E-04	5.08E-03	5.08E-05	3.59E-05	5.30E-03	1.24E-04	0.00E+00	6.78E-07	9.79E-07	1.25E-04	1.57E-04	5.08E-03	5.08E-05	3.59E-05	5.32E-03
1007	490236.72, 3861235.12	0.03359	0.16956	0.00813	0.01134	1.36E-04	5.06E-03	5.19E-05	3.58E-05	5.28E-03	1.23E-04	0.00E+00	6.91E-07	9.76E-07	1.25E-04	1.57E-04	5.06E-03	5.19E-05	3.58E-05	5.30E-03
1008	490386.72, 3861235.12	0.0336	0.16794	0.00848	0.01131	1.36E-04	5.01E-03	5.41E-05	3.57E-05	5.24E-03	1.24E-04	0.00E+00	7.21E-07	9.74E-07	1.25E-04	1.57E-04	5.01E-03	5.41E-05	3.57E-05	5.26E-03
1009	490436.72, 3861235.12	0.0336	0.1673	0.00854	0.0113	1.36E-04	4.99E-03	5.45E-05	3.57E-05	5.22E-03	1.24E-04	0.00E+00	7.26E-07	9.73E-07	1.25E-04	1.57E-04	4.99E-03	5.45E-05	3.57E-05	5.24E-03
1010	490486.72, 3861235.12	0.03364	0.1667	0.00859	0.01129	1.36E-04	4.97E-03	5.48E-05	3.56E-05	5.20E-03	1.24E-04	0.00E+00	7.31E-07	9.72E-07	1.25E-04	1.57E-04	4.97E-03	5.48E-05	3.56E-05	5.22E-03
1011	490536.72, 3861235.12	0.03379	0.16662	0.00865	0.01132	1.37E-04	4.97E-03	5.52E-05	3.57E-05	5.20E-03	1.24E-04	0.00E+00	7.36E-07	9.75E-07	1.26E-04	1.58E-04	4.97E-03	5.52E-05	3.57E-05	5.22E-03
1012	490586.72, 3861235.12	0.03391	0.16616	0.00869	0.01132	1.37E-04	4.96E-03	5.54E-05	3.57E-05	5.19E-03	1.25E-04	0.00E+00	7.39E-07	9.75E-07	1.26E-04	1.59E-04	4.96E-03	5.54E-05	3.57E-05	5.21E-03
1013	490636.72, 3861235.12	0.03387	0.16465	0.00866	0.01127	1.37E-04	4.91E-03	5.52E-05	3.56E-05	5.14E-03	1.25E-04	0.00E+00	7.37E-07	9.70E-07	1.26E-04	1.58E-04	4.91E-03	5.52E-05	3.56E-05	5.16E-03
1014	490686.72, 3861235.12	0.03398	0.16375	0.00866	0.01125	1.37E-04	4.89E-03	5.52E-05	3.55E-05	5.11E-03	1.25E-04	0.00E+00	7.37E-07	9.69E-07	1.27E-04	1.59E-04	4.89E-03	5.52E-05	3.55E-05	5.13E-03
1015	490736.72, 3861235.12	0.03414	0.16301	0.00866	0.01123	1.38E-04	4.86E-03	5.52E-05	3.55E-05	5.09E-03	1.26E-04	0.00E+00	7.37E-07	9.67E-07	1.27E-04	1.60E-04	4.86E-03	5.52E-05	3.55E-05	5.11E-03
1016	490786.72, 3861235.12	0.03433	0.16222	0.00866	0.01122	1.39E-04	4.84E-03	5.52E-05	3.54E-05	5.07E-03	1.26E-04	0.00E+00	7.37E-07	9.66E-07	1.28E-04	1.61E-04	4.84E-03	5.52E-05	3.54E-05	5.09E-03
1017	490836.72, 3861235.12	0.03449	0.16121	0.00865	0.01119	1.39E-04	4.81E-03	5.52E-05	3.53E-05	5.04E-03	1.27E-04	0.00E+00	7.36E-07	9.64E-07	1.29E-04	1.61E-04	4.81E-03	5.52E-05	3.53E-05	5.06E-03
1018	490086.72, 3861285.12	0.03299	0.16116	0.00735	0.01083	1.33E-04	4.81E-03	4.69E-05	3.42E-05	5.02E-03	1.21E-04	0.00E+00	6.25E-07	9.33E-07	1.23E-04	1.54E-04	4.81E-03	4.69E-05	3.42E-05	5.04E-03
1019	490136.72, 3861285.12	0.03307	0.16096	0.00758	0.01082	1.34E-04	4.80E-03	4.83E-05	3.42E-05	5.02E-03	1.22E-04	0.00E+00	6.45E-07	9.32E-07	1.23E-04	1.55E-04	4.80E-03	4.83E-05	3.42E-05	5.04E-03
1020	490186.72, 3861285.12	0.03303	0.16023	0.00776	0.01079	1.34E-04	4.78E-03	4.95E-05	3.41E-05	5.00E-03	1.21E-04	0.00E+00	6.60E-07	9.29E-07	1.23E-04	1.54E-04	4.78E-03	4.95E-05	3.41E-05	5.02E-03
1021	490236.72, 3861285.12	0.03303	0.1597	0.00793	0.01076	1.34E-04	4.76E-03	5.06E-05	3.40E-05	4.98E-03	1.21E-04	0.00E+00	6.74E-07	9.27E-07	1.23E-04	1.54E-04	4.76E-03	5.06E-05	3.40E-05	5.00E-03
1022	490386.72, 3861285.12	0.03301	0.15834	0.00831	0.01072	1.33E-04	4.72E-03	5.30E-05	3.38E-05	4.94E-03	1.21E-04	0.00E+00	7.07E-07	9.23E-07	1.23E-04	1.54E-04	4.72E-03	5.30E-05	3.38E-05	4.97E-03
1023	490436.72, 3861285.12	0.03303	0.15803	0.0084	0.01072	1.34E-04	4.71E-03	5.36E-05	3.38E-05	4.94E-03	1.21E-04	0.00E+00	7.14E-07	9.23E-07	1.23E-04	1.54E-04	4.71E-03	5.36E-05	3.38E-05	4.96E-03
1024	490486.72, 3861285.12	0.03303	0.15747	0.00846	0.01071	1.34E-04	4.70E-03	5.40E-05	3.38E-05	4.92E-03	1.21E-04	0.00E+00	7.19E-07	9.22E-07	1.23E-04	1.54E-04	4.70E-03	5.40E-05	3.38E-05	4.94E-03
1025	490536.72, 3861285.12	0.03307	0.15705	0.0085	0.01071	1.34E-04	4.69E-03	5.42E-05	3.38E-05	4.91E-03	1.22E-04	0.00E+00	7.23E-07	9.22E-07	1.23E-04	1.55E-04	4.69E-03	5.42E-05	3.38E-05	4.93E-03
1026	490586.72, 3861285.12	0.03315	0.15668	0.00854	0.01072	1.34E-04	4.67E-03	5.45E-05	3.38E-05	4.90E-03	1.22E-04	0.00E+00	7.26E-07	9.23E-07	1.24E-04	1.55E-04	4.67E-03	5.45E-05	3.38E-05	4.92E-03
1027	490636.72, 3861285.12	0.03316	0.15578	0.00854	0.01069	1.34E-04	4.65E-03	5.45E-05	3.38E-05	4.87E-03	1.22E-04	0.00E+00	7.26E-07	9.21E-07	1.24E-04	1.55E-04	4.65E-03	5.45E-05	3.38E-05	4.89E-03
1028	490686.72, 3861285.12	0.03325	0.15515	0.00855	0.01068	1.34E-04	4.63E-03	5.45E-05	3.37E-05	4.85E-03	1.22E-04	0.00E+00	7.27E-07	9.20E-07	1.24E-04	1.55E-04	4.63E-03	5.45E-05	3.37E-05	4.87E-03
1029	490736.72, 3861285.12	0.03344	0.15485	0.00856	0.01069	1.35E-04	4.62E-03	5.46E-05	3.38E-05	4.84E-03	1.23E-04	0.00E+00	7.28E-07	9.21E-07	1.25E-04	1.56E-04	4.62E-03	5.46E-05	3.38E-05	4.86E-03
1030	490786.72, 3861285.12	0.03357	0.15409	0.00855	0.01068	1.36E-04	4.60E-03	5.45E-05	3.37E-05	4.82E-03	1.23E-04	0.00E+00	7.27E-07	9.20E-07	1.25E-04	1.57E-04	4.60E-03	5.45E-05	3.37E-05	4.84E-03
1031	490836.72, 3861285.12	0.03369	0.15314	0.00854	0.01065	1.36E-04	4.57E-03	5.45E-05	3.36E-05	4.79E-03	1.24E-04	0.00E+00	7.26E-07	9.17E-07	1.26E-04	1.58E-04	4.57E-03	5.45E-05	3.36E-05	4.81E-03
1032	490061.24, 3859716.13	0.06529	0.57117	0.01692	0.08374	2.64E-04	1.70E-02	1.08E-04	2.64E-04	1.77E-02	2.40E-04	0.00E+00	1.44E-06	7.21E-06	2.49E-04	3.05E-04	1.70E-02	1.08E-04	2.64E-04	1.77E-02
1033	490111.24, 3859716.13	0.06476	0.55905	0.0171	0.08086	2.62E-04	1.67E-02	1.09E-04	2.55E-04	1.73E-02	2.38E-04	0.00E+00	1.45E-06	6.96E-06	2.47E-04	3.03E-04	1.67E-02	1.09E-04	2.55E-04	1.73E-02
1034	490161.24, 3859716.13	0.0642	0.54755	0.01723	0.07819	2.60E-04	1.63E-02	1.10E-04	2.47E-04	1.70E-02	2.36E-04	0.00E+00	1.47E-06	6.73E-06	2.44E-04	3.00E-04	1.63E-02	1.10E-04	2.47E-04	1.70E-02
1035	490211.24, 3859716.13	0.06362	0.53734	0.01732	0.07574	2.57E-04	1.60E-02	1.10E-04	2.39E-04	1.66E-02	2.34E-04	0.00E+00	1.47E-06	6.52E-06	2.42E-04	2.98E-04	1.60E-02	1.10E-04	2.39E-04	1.67E-02
1036	490061.24, 3859766.13	0.06431	0.56941	0.01629	0.08162	2.60E-04	1.70E-02	1.04E-04	2.58E-04	1.76E-02	2.36E-04	0.00E+00	1.39E-06	7.03E-06	2.45E-04	3.01E-04	1.70E-02	1.04E-04	2.58E-04	1.76E-02
1037	490111.24, 3859766.13	0.06378	0.55784	0.01646	0.07882	2.58E-04	1.66E-02	1.05E-04	2.49E-04	1.73E-02	2.34E-04	0.00E+00	1.40E-06	6.79E-06	2.43E-04	2.98E-04	1.66E-02	1.05E-04	2.49E-04	1.73E-02
1038	490161.24, 3859766.13	0.06321	0.54758	0.01659	0.07624	2.56E-04	1.63E-02	1.06E-04	2.41E-04	1.69E-02	2.32E-04	0.00E+00	1.41E-06	6.57E-06	2.40E-04	2.96E-04	1.63E-02	1.06E-04	2.41E-04	1.70E-02
1039	490211.24, 3859766.13	0.06267	0.53616	0.01671	0.0738	2.53E-04	1.60E-02	1.07E-04	2.33E-04	1.66E-02	2.30E-04	0.00E+00	1.42E-06	6.35E-06	2.38E-04	2.93E-04	1.60E-02	1.07E-04	2.33E-04	1.66E-02
1040	490061.24, 3859816.13	0.06327	0.56875	0.01566	0.07938	2.56E-04	1.70E-02	9.99E-05	2.51E-04	1.76E-02	2.33E-04	0.00E+00	1.33E-06	6.84E-06	2.41E-04	2.96E-04	1.70E-02	9.99E-05	2.51E-04	1.76E-02
1041	490111.24, 3859816.13	0.06277	0.55842	0.01584	0.07667	2.54E-04	1.67E-02	1.01E-04	2.42E-04	1.73E-02	2.31E-04	0.00E+00	1.35E-06	6.60E-06	2.39E-04	2.94E-04	1.67E-02	1.01E-04	2.42E-04	1.73E-02
1042	490161.24, 3859816.13	0.06226	0.54673	0.016	0.07412	2.52E-04	1.63E-02	1.02E-04	2.34E-04	1.69E-02	2.29E-04	0.00E+00	1.36E-06	6.38E-06	2.37E-04	2.91E-04	1.63E-02	1.02E-04	2.34E-04	1.69E-02
1043	490211.24, 3859816.13	0.06172	0.53531	0.01613	0.07176	2.49E-04	1.60E-02	1.03E-04	2.27E-04	1.65E-02	2.27E-04	0.00E+00	1.37E-06	6.18E-06	2.34E-04	2.89E-04	1.60E-02	1.03E-04	2.27E-04	1.66E-02
1044	490061.24, 3859866.13	0.06218	0.57016	0.01504	0.07706	2.51E-04	1.70E-02	9.59E-05	2.43E-04	1.76E-02	2.29E-04	0.00E+00	1.28E-06	6.64E-06	2.37E-04	2.91E-04	1.70E-02	9.59E-05	2.43E-04	1.76E-02
1045	490111.24, 3859866.13	0.06177	0.55803	0.01525	0.0744	2.50E-04	1.66E-02	9.73E-05	2.35E-04	1.72E-02	2.27E-04	0.00E+00	1.30E-06	6.41E-06	2.35E-04	2.89E-04	1.66E-02	9.73E-05	2.35E-04	1.73E-02
1046	490161.24, 3859866.13	0.06133	0.54611	0.01544	0.07191	2.48E-04	1.63E-02	9.85E-05	2.27E-04	1.69E-02	2.25E-04	0.00E+00	1.31E-06	6.19E-06	2.33E-04	2.87E-04	1.63E-02	9.85E-05	2.27E-04	1.69E-02
1047	490211.24, 3859866.13	0.06085	0.53448	0.0156	0.06959	2.46E-04	1.59E-02	9.95E-05	2.20E-04	1.65E-02	2.24E-04	0.00E+00	1.33E-06	5.99E-06	2.31E-04	2.85E-04	1.59E-02	9.95E-05	2.20E-04	1.65E-02
1048	490061.24, 3859916.13	0.06101	0.57076	0.01444	0.07459	2.47E-04	1.70E-02	9.21E-05	2.36E-04	1.76E-02	2.24E-04	0.00E+00	1.23E-06	6.42E-06	2.32E-04	2.85E-04	1.70E-02	9.21E-05	2.36E-04	1.76E-02
1049	490111.24, 3859916.13	0.06072	0.5581	0.01467	0.072	2.45E-04	1.66E-02	9.36E-05	2.27E-04	1.72E-02	2.23E-04	0.00E+00	1.25E-06	6.20E-06	2.31E-04	2.84E-04	1.66E-02	9.36E-05	2.27E-04	1.73E-02
1050	490161.24, 3859916.13	0.06034	0.54586	0.01488	0.06961	2.44E-04	1.63E-02	9.49E-05	2.20E-04	1.68E-02	2.22E-04	0.00E+00	1.27E-06	5.99E-06	2.29E-04	2.82E-04	1.63E-02	9.49E-05	2.20E-04	1.69E-02
1051	490211.24, 3859916.13	0.0599	0.534	0.01505	0.0674	2.42E-04	1.59E-02	9.60E-05	2.13E-04	1.65E-02	2.20E-04	0.00E+00	1.28E-06	5.80E-06	2.27E-04	2.80E-04	1.59E-02	9.60E-05	2.13E-04	1.65E-02
1052	490229.25, 3859815.26	0.06158	0.53115	0.0162	0.07094	2.49E-04	1.58E-02	1.03E-04	2.24E-04	1.64E-02	2.26E-04	0.00E+00	1.38E-06	6.11E-06	2.34E-04	2.88E-04	1.58E-02	1.03E-04	2.24E-04	1.65E-02
1053	490279.25, 3859815.26	0.06103	0.52015	0.01628	0.0688	2.47E-04	1.55E-02	1.04E-04	2.17E-04	1.61E-02	2.24E-04	0.00E+00	1.38E-06	5.92E-06	2.32E-04	2.85E-04	1.55E-02	1.04E-04	2.17E-04	1.61E-02
1054	490329.25, 3859815.26	0.0605	0.50938	0.01635	0.0668	2.45E-04	1.52E-02	1.04E-04	2.11E-04	1.58E-02	2.22E-04	0.00E+00	1.39E-06	5.75E-06	2.30E-04	2.83E-04	1.52E-02	1.04E-04	2.11E-04	1.58E-02
1055	490379.25, 3859815.26	0.06009	0.49864	0.01646	0.06482	2.43E-04	1.49E-02	1.05E-04	2.05E-04	1.54E-02	2.21E-04	0.00E+00	1.40E-06	5.58E-06	2.28E-04	2.81E-04	1.49E-02	1.05E-04	2.05E-04	1.55E-02
1056	490429.25, 3859815.26	0.05979	0.48798	0.01659	0.06289	2.42E-04	1.46E-02	1.06E-04	1.99E-04	1.51E-02	2.20E-04	0.00E+00	1.41E-06	5.42E-06	2.27E-04	2.80E-04	1.46E-02	1.06E-04	1.99E-04	1.51E-02
1057	490229.25, 3859865.26	0.06069	0.53037	0.01566	0.06884	2.45E-04	1.58E-02	9.99E-05	2.17E-04	1.64E-02	2.23E-04	0.00E+00	1.33E-06	5.93E-06	2.30E-04	2.84E-04	1.58E-02	9.99E-05	2.17E-04	1.64E-02
1058	490279.25, 3859865.26	0.06016	0.51921	0.01576	0.06675	2.43E-04	1.55E-02	1.01E-04	2.11E-04	1.60E-02	2.21E-04	0.00E+00	1.34E-06	5.75E-06	2.28E-04	2.81E-04	1.55E-02	1.01E-04	2.11E-04	1.61E-02

1059	490329.25, 3859865.26	0.05963	0.50831	0.01584	0.06481	2.41E-04	1.52E-02	1.01E-04	2.05E-04	1.57E-02	2.19E-04	0.00E+00	1.35E-06	5.58E-06	2.26E-04	2.79E-04	1.52E-02	1.01E-04	2.05E-04	1.57E-02
1060	490379.25, 3859865.26	0.05916	0.49756	0.01592	0.06294	2.39E-04	1.48E-02	1.02E-04	1.99E-04	1.54E-02	2.18E-04	0.00E+00	1.35E-06	5.42E-06	2.24E-04	2.77E-04	1.48E-02	1.02E-04	1.99E-04	1.54E-02
1061	490429.25, 3859865.26	0.05874	0.48703	0.01599	0.06116	2.37E-04	1.45E-02	1.02E-04	1.93E-04	1.51E-02	2.16E-04	0.00E+00	1.36E-06	5.27E-06	2.23E-04	2.75E-04	1.45E-02	1.02E-04	1.93E-04	1.51E-02
1062	490229.25, 3859915.26	0.05977	0.52975	0.01512	0.06667	2.42E-04	1.58E-02	9.64E-05	2.11E-04	1.64E-02	2.20E-04	0.00E+00	1.29E-06	5.74E-06	2.27E-04	2.80E-04	1.58E-02	9.64E-05	2.11E-04	1.64E-02
1063	490279.25, 3859915.26	0.05926	0.51839	0.01523	0.06468	2.40E-04	1.55E-02	9.71E-05	2.04E-04	1.60E-02	2.18E-04	0.00E+00	1.30E-06	5.57E-06	2.25E-04	2.77E-04	1.55E-02	9.71E-05	2.04E-04	1.60E-02
1064	490329.25, 3859915.26	0.05876	0.50721	0.01533	0.06279	2.38E-04	1.51E-02	9.78E-05	1.98E-04	1.57E-02	2.16E-04	0.00E+00	1.30E-06	5.41E-06	2.23E-04	2.75E-04	1.51E-02	9.78E-05	1.98E-04	1.57E-02
1065	490379.25, 3859915.26	0.05829	0.49628	0.01542	0.061	2.36E-04	1.48E-02	9.84E-05	1.93E-04	1.53E-02	2.14E-04	0.00E+00	1.31E-06	5.25E-06	2.21E-04	2.73E-04	1.48E-02	9.84E-05	1.93E-04	1.54E-02
1066	490429.25, 3859915.26	0.05781	0.48567	0.01547	0.05933	2.34E-04	1.45E-02	9.87E-05	1.87E-04	1.50E-02	2.13E-04	0.00E+00	1.32E-06	5.11E-06	2.19E-04	2.70E-04	1.45E-02	9.87E-05	1.87E-04	1.50E-02
1067	490451.43, 3859872.59	0.05841	0.48231	0.01594	0.06015	2.36E-04	1.44E-02	1.02E-04	1.90E-04	1.49E-02	2.15E-04	0.00E+00	1.36E-06	5.18E-06	2.21E-04	2.73E-04	1.44E-02	1.02E-04	1.90E-04	1.50E-02
1068	490501.43, 3859872.59	0.0581	0.47201	0.01605	0.05845	2.35E-04	1.41E-02	1.02E-04	1.85E-04	1.46E-02	2.14E-04	0.00E+00	1.37E-06	5.03E-06	2.20E-04	2.72E-04	1.41E-02	1.02E-04	1.85E-04	1.46E-02
1069	490551.43, 3859872.59	0.05793	0.46169	0.01621	0.05675	2.34E-04	1.38E-02	1.03E-04	1.79E-04	1.43E-02	2.13E-04	0.00E+00	1.38E-06	4.89E-06	2.19E-04	2.71E-04	1.38E-02	1.03E-04	1.79E-04	1.43E-02
1070	490601.43, 3859872.59	0.05778	0.45078	0.01638	0.05517	2.34E-04	1.34E-02	1.04E-04	1.74E-04	1.40E-02	2.12E-04	0.00E+00	1.39E-06	4.75E-06	2.19E-04	2.70E-04	1.34E-02	1.04E-04	1.74E-04	1.40E-02
1071	490451.43, 3859922.59	0.05749	0.48079	0.01543	0.05833	2.32E-04	1.43E-02	9.84E-05	1.84E-04	1.49E-02	2.11E-04	0.00E+00	1.31E-06	5.02E-06	2.18E-04	2.69E-04	1.43E-02	9.84E-05	1.84E-04	1.49E-02
1072	490501.43, 3859922.59	0.0571	0.47047	0.0155	0.05674	2.31E-04	1.40E-02	9.89E-05	1.79E-04	1.45E-02	2.10E-04	0.00E+00	1.32E-06	4.89E-06	2.16E-04	2.67E-04	1.40E-02	9.89E-05	1.79E-04	1.46E-02
1073	490551.43, 3859922.59	0.05685	0.46022	0.01561	0.05513	2.30E-04	1.37E-02	9.96E-05	1.74E-04	1.42E-02	2.09E-04	0.00E+00	1.33E-06	4.75E-06	2.15E-04	2.66E-04	1.37E-02	9.96E-05	1.74E-04	1.43E-02
1074	490601.43, 3859922.59	0.05667	0.45009	0.01576	0.05358	2.29E-04	1.34E-02	1.01E-04	1.69E-04	1.39E-02	2.08E-04	0.00E+00	1.34E-06	4.61E-06	2.14E-04	2.65E-04	1.34E-02	1.01E-04	1.69E-04	1.40E-02
1075	482129.67, 3852241.07	0.03657	0.01451	0.00279	0.00491	1.48E-04	4.33E-04	1.78E-05	1.55E-05	6.14E-04	1.34E-04	0.00E+00	2.37E-07	4.23E-07	1.35E-04	1.71E-04	4.33E-04	1.78E-05	1.55E-05	6.37E-04
1076	482029.67, 3852291.07	0.03666	0.01519	0.00281	0.00486	1.48E-04	4.53E-04	1.79E-05	1.53E-05	6.35E-04	1.35E-04	0.00E+00	2.39E-07	4.18E-07	1.35E-04	1.71E-04	4.53E-04	1.79E-05	1.53E-05	6.58E-04
1077	482079.67, 3852291.07	0.03704	0.01508	0.00281	0.0049	1.50E-04	4.50E-04	1.79E-05	1.55E-05	6.33E-04	1.36E-04	0.00E+00	2.39E-07	4.22E-07	1.37E-04	1.73E-04	4.50E-04	1.79E-05	1.55E-05	6.57E-04
1078	482129.67, 3852291.07	0.03727	0.01492	0.00281	0.00495	1.51E-04	4.45E-04	1.79E-05	1.56E-05	6.29E-04	1.37E-04	0.00E+00	2.39E-07	4.26E-07	1.38E-04	1.74E-04	4.45E-04	1.79E-05	1.56E-05	6.53E-04
1079	482179.67, 3852291.07	0.03737	0.01468	0.00281	0.005	1.51E-04	4.38E-04	1.79E-05	1.58E-05	6.23E-04	1.37E-04	0.00E+00	2.39E-07	4.31E-07	1.38E-04	1.75E-04	4.38E-04	1.79E-05	1.58E-05	6.46E-04
1080	482229.67, 3852291.07	0.03732	0.01433	0.00282	0.00506	1.51E-04	4.28E-04	1.80E-05	1.60E-05	6.12E-04	1.37E-04	0.00E+00	2.40E-07	4.36E-07	1.38E-04	1.75E-04	4.28E-04	1.80E-05	1.60E-05	6.36E-04
1081	482029.67, 3852341.07	0.03684	0.01565	0.00283	0.0049	1.49E-04	4.67E-04	1.81E-05	1.55E-05	6.49E-04	1.35E-04	0.00E+00	2.41E-07	4.22E-07	1.36E-04	1.72E-04	4.67E-04	1.81E-05	1.55E-05	6.73E-04
1082	482079.67, 3852341.07	0.03742	0.01551	0.00283	0.00495	1.51E-04	4.63E-04	1.81E-05	1.56E-05	6.48E-04	1.38E-04	0.00E+00	2.41E-07	4.26E-07	1.38E-04	1.75E-04	4.63E-04	1.81E-05	1.56E-05	6.71E-04
1083	482129.67, 3852341.07	0.03782	0.01538	0.00283	0.00499	1.53E-04	4.59E-04	1.81E-05	1.58E-05	6.46E-04	1.39E-04	0.00E+00	2.41E-07	4.30E-07	1.40E-04	1.77E-04	4.59E-04	1.81E-05	1.58E-05	6.70E-04
1084	482179.67, 3852341.07	0.03808	0.01518	0.00283	0.00505	1.54E-04	4.53E-04	1.81E-05	1.59E-05	6.41E-04	1.40E-04	0.00E+00	2.41E-07	4.35E-07	1.41E-04	1.78E-04	4.53E-04	1.81E-05	1.59E-05	6.65E-04
1085	482259.06, 3852400.14	0.03889	0.01581	0.00287	0.00518	1.57E-04	4.72E-04	1.83E-05	1.64E-05	6.64E-04	1.43E-04	0.00E+00	2.44E-07	4.46E-07	1.44E-04	1.82E-04	4.72E-04	1.83E-05	1.64E-05	6.88E-04
1086	482309.06, 3852400.14	0.03907	0.01533	0.00287	0.00524	1.58E-04	4.57E-04	1.83E-05	1.65E-05	6.50E-04	1.44E-04	0.00E+00	2.44E-07	4.51E-07	1.44E-04	1.83E-04	4.57E-04	1.83E-05	1.65E-05	6.75E-04
1087	482209.06, 3852450.14	0.03921	0.01639	0.00289	0.00518	1.58E-04	4.89E-04	1.84E-05	1.64E-05	6.82E-04	1.44E-04	0.00E+00	2.46E-07	4.46E-07	1.45E-04	1.83E-04	4.89E-04	1.84E-05	1.64E-05	7.07E-04
1088	482259.06, 3852450.14	0.03958	0.01625	0.00289	0.00524	1.60E-04	4.85E-04	1.84E-05	1.65E-05	6.80E-04	1.46E-04	0.00E+00	2.46E-07	4.51E-07	1.46E-04	1.85E-04	4.85E-04	1.84E-05	1.65E-05	7.05E-04
1089	482309.06, 3852450.14	0.0399	0.01589	0.00289	0.00529	1.61E-04	4.74E-04	1.84E-05	1.67E-05	6.70E-04	1.47E-04	0.00E+00	2.46E-07	4.56E-07	1.47E-04	1.87E-04	4.74E-04	1.84E-05	1.67E-05	6.96E-04
1090	482209.06, 3852500.14	0.03955	0.01681	0.00292	0.00524	1.60E-04	5.01E-04	1.86E-05	1.65E-05	6.97E-04	1.45E-04	0.00E+00	2.48E-07	4.51E-07	1.46E-04	1.85E-04	5.01E-04	1.86E-05	1.65E-05	7.22E-04
1091	482259.06, 3852500.14	0.04014	0.01666	0.00291	0.00529	1.62E-04	4.97E-04	1.86E-05	1.67E-05	6.95E-04	1.48E-04	0.00E+00	2.47E-07	4.56E-07	1.48E-04	1.88E-04	4.97E-04	1.86E-05	1.67E-05	7.20E-04
1092	482309.06, 3852500.14	0.04058	0.01644	0.00291	0.00535	1.64E-04	4.90E-04	1.86E-05	1.69E-05	6.90E-04	1.49E-04	0.00E+00	2.47E-07	4.61E-07	1.50E-04	1.90E-04	4.90E-04	1.86E-05	1.69E-05	7.16E-04
1093	482283.91, 3852513.62	0.0405	0.01671	0.00292	0.00534	1.64E-04	4.99E-04	1.86E-05	1.69E-05	6.98E-04	1.49E-04	0.00E+00	2.48E-07	4.60E-07	1.50E-04	1.89E-04	4.99E-04	1.86E-05	1.69E-05	7.23E-04
1094	482333.91, 3852513.62	0.04087	0.01651	0.00292	0.00539	1.65E-04	4.93E-04	1.86E-05	1.70E-05	6.93E-04	1.50E-04	0.00E+00	2.48E-07	4.64E-07	1.51E-04	1.91E-04	4.93E-04	1.86E-05	1.70E-05	7.19E-04
1095	482283.91, 3852563.62	0.04083	0.01723	0.00295	0.00539	1.65E-04	5.14E-04	1.88E-05	1.70E-05	7.15E-04	1.50E-04	0.00E+00	2.51E-07	4.64E-07	1.51E-04	1.91E-04	5.14E-04	1.88E-05	1.70E-05	7.41E-04
1096	482333.91, 3852563.62	0.04137	0.01713	0.00295	0.00545	1.67E-04	5.11E-04	1.88E-05	1.72E-05	7.14E-04	1.52E-04	0.00E+00	2.51E-07	4.69E-07	1.53E-04	1.93E-04	5.11E-04	1.88E-05	1.72E-05	7.41E-04
1097	482383.91, 3852563.62	0.04169	0.01701	0.00295	0.0055	1.69E-04	5.07E-04	1.88E-05	1.74E-05	7.12E-04	1.53E-04	0.00E+00	2.51E-07	4.74E-07	1.54E-04	1.95E-04	5.07E-04	1.88E-05	1.74E-05	7.39E-04
1098	482283.91, 3852613.62	0.04114	0.0176	0.00297	0.00546	1.66E-04	5.25E-04	1.89E-05	1.72E-05	7.28E-04	1.51E-04	0.00E+00	2.53E-07	4.70E-07	1.52E-04	1.92E-04	5.25E-04	1.89E-05	1.72E-05	7.54E-04
1099	482333.91, 3852613.62	0.0418	0.01759	0.00297	0.00552	1.69E-04	5.25E-04	1.89E-05	1.74E-05	7.30E-04	1.54E-04	0.00E+00	2.53E-07	4.75E-07	1.54E-04	1.95E-04	5.25E-04	1.89E-05	1.74E-05	7.57E-04
1100	482383.91, 3852613.62	0.04226	0.01757	0.00297	0.00557	1.71E-04	5.24E-04	1.89E-05	1.76E-05	7.32E-04	1.55E-04	0.00E+00	2.53E-07	4.80E-07	1.56E-04	1.98E-04	5.24E-04	1.89E-05	1.76E-05	7.58E-04
1101	482602.38, 3852600.87	0.04221	0.01609	0.00298	0.00571	1.71E-04	4.80E-04	1.90E-05	1.80E-05	6.88E-04	1.55E-04	0.00E+00	2.53E-07	4.92E-07	1.56E-04	1.97E-04	4.80E-04	1.90E-05	1.80E-05	7.14E-04
1102	482652.38, 3852600.87	0.04174	0.01589	0.00299	0.00574	1.69E-04	4.74E-04	1.91E-05	1.81E-05	6.80E-04	1.53E-04	0.00E+00	2.54E-07	4.94E-07	1.54E-04	1.95E-04	4.74E-04	1.91E-05	1.81E-05	7.06E-04
1103	482702.38, 3852600.87	0.04124	0.0152	0.00301	0.00577	1.67E-04	4.53E-04	1.92E-05	1.82E-05	6.58E-04	1.52E-04	0.00E+00	2.56E-07	4.97E-07	1.52E-04	1.93E-04	4.53E-04	1.92E-05	1.82E-05	6.84E-04
1104	482552.38, 3852650.87	0.04366	0.01708	0.00299	0.00575	1.76E-04	5.10E-04	1.91E-05	1.82E-05	7.23E-04	1.61E-04	0.00E+00	2.54E-07	4.95E-07	1.61E-04	2.04E-04	5.10E-04	1.91E-05	1.82E-05	7.51E-04
1105	482602.38, 3852650.87	0.04349	0.01681	0.003	0.00578	1.76E-04	5.01E-04	1.91E-05	1.82E-05	7.15E-04	1.60E-04	0.00E+00	2.55E-07	4.98E-07	1.61E-04	2.03E-04	5.01E-04	1.91E-05	1.82E-05	7.42E-04
1106	482652.38, 3852650.87	0.04311	0.01662	0.00301	0.00581	1.74E-04	4.96E-04	1.92E-05	1.83E-05	7.08E-04	1.58E-04	0.00E+00	2.56E-07	5.00E-07	1.59E-04	2.02E-04	4.96E-04	1.92E-05	1.83E-05	7.35E-04
1107	482702.38, 3852650.87	0.04262	0.01639	0.00302	0.00583	1.72E-04	4.89E-04	1.93E-05	1.84E-05	6.99E-04	1.57E-04	0.00E+00	2.57E-07	5.02E-07	1.57E-04	1.99E-04	4.89E-04	1.93E-05	1.84E-05	7.26E-04
1108	482552.38, 3852700.87	0.0447	0.01768	0.00301	0.00583	1.81E-04	5.27E-04	1.92E-05	1.84E-05	7.46E-04	1.64E-04	0.00E+00	2.56E-07	5.02E-07	1.65E-04	2.09E-04	5.27E-04	1.92E-05	1.84E-05	7.74E-04
1109	482602.38, 3852700.87	0.04463	0.01754	0.00302	0.00586	1.80E-04	5.23E-04	1.93E-05	1.85E-05	7.41E-04	1.64E-04	0.00E+00	2.57E-07	5.05E-07	1.65E-04	2.09E-04	5.23E-04	1.93E-05	1.85E-05	7.70E-04
1110	482652.38, 3852700.87	0.04423	0.01763	0.00303	0.00588	1.79E-04	5.26E-04	1.93E-05	1.86E-05	7.43E-04	1.63E-04	0.00E+00	2.58E-07	5.06E-07	1.63E-04	2.07E-04	5.26E-04	1.93E-05	1.86E-05	7.71E-04
1111	482702.38, 3852700.87	0.04393	0.01734	0.00304	0.0059	1.78E-04	5.17E-04	1.94E-05	1.86E-05	7.33E-04	1.62E-04	0.00E+00	2.59E-07	5.08E-07	1.62E-04	2.05E-04	5.17E-04	1.94E-05	1.86E-05	7.61E-04
1112	482452.38, 3852750.87	0.04445	0.01863	0.00304	0.00584	1.80E-04	5.56E-04	1.94E-05	1.84E-05	7.73E-04	1.63E-04	0.00E+00	2.59E-07	5.03E-07	1.64E-04	2.08E-04	5.56E-04	1.94E-05	1.84E-05	8.01E-04
1113	482521.29, 3852749.74	0.04528	0.01842	0.00304	0.00589	1.83E-04	5.50E-04	1.94E-05	1.86E-05	7.71E-04	1.66E-04	0.00E+00	2.59E-07	5.07E-07	1.67E-04	2.12E-04	5.50E-04	1.94E-05	1.86E-05	7.99E-04
1114	482571.29, 3852749.74	0.04558	0.01826	0.00304	0.00593	1.84E-04	5.45E-04	1.94E-05	1.87E-05	7.67E-04	1.68E-04	0.00E+00	2.59E-07	5.11E-07	1.68E-04	2.13E-04	5.45E-04	1.94E-05	1.87E-05	7.96E-04
1115	482521.29, 3852799.74	0.04577	0.01902	0.00307	0.00598	1.85E-04	5.67E-04	1.96E-05	1.89E-05	7.91E-04	1.68E-04	0.00E+00	2.61E-07	5.15E-07	1.69E-04	2.14E-04	5.67E-04	1.96E-05	1.89E-05	8.20E-04
1116	482571.29, 3852799.74	0.04631	0.01889	0.00307	0.00602	1.87E-04	5.64E-04	1.96E-05	1.90E-05	7.89E-04	1.70E-04	0.00E+00	2.61E-07	5.18E-07	1.71E-04	2.17E-04	5.64E-04	1.96E-05	1.90E-05	8.19E-04
1117	482621.29, 3852799.74	0.04662	0.01872	0.00307	0.00605	1.88E-04	5.58E-04	1.96E-05	1.91E-05	7.86E-04	1.71E-04	0.00E+00	2.61E-07	5.21E-07	1.72E-04	2.18E-04	5.58E-04	1.96E-05	1.91E-05	8.15E-04

1118	482571.29, 3852849.74	0.04696	0.01939	0.00309	0.00611	1.90E-04	5.78E-04	1.97E-05	1.93E-05	8.07E-04	1.73E-04	0.00E+00	2.63E-07	5.26E-07	1.73E-04	2.20E-04	5.78E-04	1.97E-05	1.93E-05	8.37E-04
1119	482621.29, 3852849.74	0.04757	0.01917	0.00309	0.00614	1.92E-04	5.72E-04	1.97E-05	1.94E-05	8.03E-04	1.75E-04	0.00E+00	2.63E-07	5.29E-07	1.76E-04	2.22E-04	5.72E-04	1.97E-05	1.94E-05	8.33E-04
1120	482577.42, 3852901.55	0.04757	0.01983	0.00312	0.00622	1.92E-04	5.92E-04	1.99E-05	1.96E-05	8.23E-04	1.75E-04	0.00E+00	2.65E-07	5.36E-07	1.76E-04	2.22E-04	5.92E-04	1.99E-05	1.96E-05	8.54E-04
1121	482627.42, 3852901.55	0.04845	0.0196	0.00312	0.00625	1.96E-04	5.85E-04	1.99E-05	1.97E-05	8.20E-04	1.78E-04	0.00E+00	2.65E-07	5.38E-07	1.79E-04	2.27E-04	5.85E-04	1.99E-05	1.97E-05	8.51E-04
1122	482629.96, 3852955.85	0.049	0.02017	0.00315	0.00637	1.98E-04	6.02E-04	2.01E-05	2.01E-05	8.40E-04	1.80E-04	0.00E+00	2.68E-07	5.49E-07	1.81E-04	2.29E-04	6.02E-04	2.01E-05	2.01E-05	8.71E-04
1123	482679.96, 3852955.85	0.0499	0.01995	0.00315	0.00639	2.02E-04	5.95E-04	2.01E-05	2.02E-05	8.37E-04	1.83E-04	0.00E+00	2.68E-07	5.50E-07	1.84E-04	2.33E-04	5.95E-04	2.01E-05	2.02E-05	8.69E-04
1124	482781.63, 3853034.48	0.05258	0.02025	0.00319	0.0066	2.13E-04	6.04E-04	2.03E-05	2.08E-05	8.58E-04	1.93E-04	0.00E+00	2.71E-07	5.68E-07	1.94E-04	2.46E-04	6.04E-04	2.03E-05	2.08E-05	8.91E-04
1125	482831.63, 3853034.48	0.05309	0.01994	0.00318	0.0066	2.15E-04	5.95E-04	2.03E-05	2.08E-05	8.51E-04	1.95E-04	0.00E+00	2.70E-07	5.68E-07	1.96E-04	2.48E-04	5.95E-04	2.03E-05	2.08E-05	8.84E-04
1126	482881.63, 3853034.48	0.05325	0.01964	0.00319	0.00659	2.15E-04	5.86E-04	2.03E-05	2.08E-05	8.42E-04	1.96E-04	0.00E+00	2.71E-07	5.67E-07	1.97E-04	2.49E-04	5.86E-04	2.03E-05	2.08E-05	8.76E-04
1127	482781.63, 3853084.48	0.0533	0.02087	0.00321	0.00673	2.15E-04	6.23E-04	2.05E-05	2.12E-05	8.80E-04	1.96E-04	0.00E+00	2.73E-07	5.80E-07	1.97E-04	2.49E-04	6.23E-04	2.05E-05	2.12E-05	9.14E-04
1128	482831.63, 3853084.48	0.05415	0.02055	0.00321	0.00673	2.19E-04	6.13E-04	2.05E-05	2.12E-05	8.74E-04	1.99E-04	0.00E+00	2.73E-07	5.80E-07	2.00E-04	2.53E-04	6.13E-04	2.05E-05	2.12E-05	9.08E-04
1129	482881.63, 3853084.48	0.05462	0.02026	0.00321	0.00671	2.21E-04	6.04E-04	2.05E-05	2.12E-05	8.67E-04	2.01E-04	0.00E+00	2.73E-07	5.78E-07	2.02E-04	2.55E-04	6.04E-04	2.05E-05	2.12E-05	9.02E-04
1130	482781.63, 3853134.48	0.05366	0.02157	0.00325	0.00686	2.17E-04	6.44E-04	2.07E-05	2.17E-05	9.03E-04	1.97E-04	0.00E+00	2.76E-07	5.91E-07	1.98E-04	2.51E-04	6.44E-04	2.07E-05	2.17E-05	9.37E-04
1131	482831.63, 3853134.48	0.05486	0.02126	0.00324	0.00686	2.22E-04	6.34E-04	2.07E-05	2.17E-05	8.98E-04	2.02E-04	0.00E+00	2.76E-07	5.91E-07	2.03E-04	2.57E-04	6.34E-04	2.07E-05	2.17E-05	9.33E-04
1132	482881.63, 3853134.48	0.05564	0.02104	0.00324	0.00685	2.25E-04	6.28E-04	2.07E-05	2.16E-05	8.95E-04	2.05E-04	0.00E+00	2.76E-07	5.90E-07	2.05E-04	2.60E-04	6.28E-04	2.07E-05	2.16E-05	9.30E-04
1133	482831.63, 3853184.48	0.05526	0.02199	0.00328	0.007	2.23E-04	6.56E-04	2.09E-05	2.21E-05	9.22E-04	2.03E-04	0.00E+00	2.79E-07	6.03E-07	2.04E-04	2.58E-04	6.56E-04	2.09E-05	2.21E-05	9.57E-04
1134	482881.63, 3853184.48	0.05639	0.02178	0.00328	0.00699	2.28E-04	6.50E-04	2.09E-05	2.21E-05	9.21E-04	2.07E-04	0.00E+00	2.79E-07	6.02E-07	2.08E-04	2.64E-04	6.50E-04	2.09E-05	2.21E-05	9.56E-04
1135	484154.84, 3854250.98	0.1117	0.02081	0.00412	0.02044	4.52E-04	6.21E-04	2.63E-05	6.45E-05	1.16E-03	4.11E-04	0.00E+00	3.50E-07	1.76E-06	4.13E-04	5.22E-04	6.21E-04	2.63E-05	6.45E-05	1.23E-03
1136	484204.84, 3854250.98	0.10752	0.02077	0.00416	0.02063	4.35E-04	6.20E-04	2.65E-05	6.51E-05	1.15E-03	3.95E-04	0.00E+00	3.54E-07	1.78E-06	3.97E-04	5.03E-04	6.20E-04	2.65E-05	6.51E-05	1.21E-03
1137	484154.84, 3854300.98	0.11399	0.02127	0.00414	0.0227	4.61E-04	6.35E-04	2.64E-05	7.17E-05	1.19E-03	4.19E-04	0.00E+00	3.52E-07	1.95E-06	4.21E-04	5.33E-04	6.35E-04	2.64E-05	7.17E-05	1.27E-03
1138	484204.84, 3854300.98	0.11113	0.0215	0.00417	0.02287	4.49E-04	6.41E-04	2.66E-05	7.22E-05	1.19E-03	4.09E-04	0.00E+00	3.55E-07	1.97E-06	4.11E-04	5.20E-04	6.41E-04	2.66E-05	7.22E-05	1.26E-03
1139	484074.19, 3854519.8	0.13163	0.0288	0.0043	0.03753	5.32E-04	8.59E-04	2.74E-05	1.18E-04	1.54E-03	4.84E-04	0.00E+00	3.66E-07	3.23E-06	4.88E-04	6.16E-04	8.59E-04	2.74E-05	1.18E-04	1.62E-03
1140	484124.19, 3854519.8	0.1303	0.02854	0.00431	0.03686	5.27E-04	8.51E-04	2.75E-05	1.16E-04	1.52E-03	4.79E-04	0.00E+00	3.67E-07	3.17E-06	4.83E-04	6.09E-04	8.51E-04	2.75E-05	1.16E-04	1.60E-03
1141	484074.19, 3854569.8	0.13454	0.0318	0.00434	0.04192	5.44E-04	9.49E-04	2.77E-05	1.32E-04	1.65E-03	4.95E-04	0.00E+00	3.69E-07	3.61E-06	4.99E-04	6.29E-04	9.49E-04	2.77E-05	1.32E-04	1.74E-03
1142	484124.19, 3854569.8	0.13139	0.03126	0.00435	0.04078	5.31E-04	9.33E-04	2.77E-05	1.29E-04	1.62E-03	4.83E-04	0.00E+00	3.70E-07	3.51E-06	4.87E-04	6.14E-04	9.33E-04	2.77E-05	1.29E-04	1.70E-03
1143	485205.11, 3855188.89	1.97715	0.09516	0.00549	0.03793	7.99E-03	2.84E-03	3.50E-05	1.20E-04	1.10E-02	7.27E-03	0.00E+00	4.67E-07	3.27E-06	7.27E-03	9.25E-03	2.84E-03	3.50E-05	1.20E-04	1.22E-02
1144	485255.11, 3855188.89	1.75153	0.09212	0.00561	0.03825	7.08E-03	2.75E-03	3.58E-05	1.21E-04	9.98E-03	6.44E-03	0.00E+00	4.77E-07	3.29E-06	6.44E-03	8.19E-03	2.75E-03	3.58E-05	1.21E-04	1.11E-02
1145	485205.11, 3855238.89	2.37519	0.09965	0.00551	0.04014	9.60E-03	2.97E-03	3.51E-05	1.27E-04	1.27E-02	8.73E-03	0.00E+00	4.69E-07	3.46E-06	8.74E-03	1.11E-02	2.97E-03	3.51E-05	1.27E-04	1.42E-02
1146	485255.11, 3855238.89	2.16161	0.09819	0.00559	0.04059	8.74E-03	2.93E-03	3.57E-05	1.28E-04	1.18E-02	7.95E-03	0.00E+00	4.75E-07	3.50E-06	7.95E-03	1.01E-02	2.93E-03	3.57E-05	1.28E-04	1.32E-02
1147	485205.11, 3855288.89	3.19091	0.10936	0.00553	0.04273	1.29E-02	3.26E-03	3.53E-05	1.35E-04	1.63E-02	1.17E-02	0.00E+00	4.70E-07	3.68E-06	1.17E-02	1.49E-02	3.26E-03	3.53E-05	1.35E-04	1.84E-02
1148	485255.11, 3855288.89	2.78051	0.10735	0.00559	0.04332	1.12E-02	3.20E-03	3.57E-05	1.37E-04	1.46E-02	1.02E-02	0.00E+00	4.75E-07	3.73E-06	1.02E-02	1.30E-02	3.20E-03	3.57E-05	1.37E-04	1.64E-02
1149	485255.11, 3855338.89	3.57905	0.11752	0.00562	0.04653	1.45E-02	3.51E-03	3.58E-05	1.47E-04	1.82E-02	1.32E-02	0.00E+00	4.78E-07	4.01E-06	1.32E-02	1.67E-02	3.51E-03	3.58E-05	1.47E-04	2.04E-02
1150	485305.11, 3855338.89	3.09681	0.11398	0.00568	0.04705	1.25E-02	3.40E-03	3.62E-05	1.49E-04	1.61E-02	1.14E-02	0.00E+00	4.83E-07	4.05E-06	1.14E-02	1.45E-02	3.40E-03	3.62E-05	1.49E-04	1.81E-02
1151	485852.5, 3855635.28	2.72636	0.1403	0.00702	0.0673	1.10E-02	4.19E-03	4.48E-05	2.12E-04	1.55E-02	1.00E-02	0.00E+00	5.97E-07	5.80E-06	1.00E-02	1.28E-02	4.19E-03	4.48E-05	2.12E-04	1.72E-02
1152	485902.5, 3855635.28	2.49121	0.13638	0.00728	0.06661	1.01E-02	4.07E-03	4.64E-05	2.10E-04	1.44E-02	9.16E-03	0.00E+00	6.19E-07	5.74E-06	9.17E-03	1.17E-02	4.07E-03	4.64E-05	2.10E-04	1.60E-02
1153	485852.5, 3855685.28	3.04006	0.14852	0.00697	0.07165	1.23E-02	4.43E-03	4.45E-05	2.26E-04	1.70E-02	1.12E-02	0.00E+00	5.93E-07	6.17E-06	1.12E-02	1.42E-02	4.43E-03	4.45E-05	2.26E-04	1.89E-02
1154	485902.5, 3855685.28	2.75907	0.14424	0.0072	0.07083	1.12E-02	4.30E-03	4.59E-05	2.24E-04	1.57E-02	1.01E-02	0.00E+00	6.12E-07	6.10E-06	1.02E-02	1.29E-02	4.30E-03	4.59E-05	2.24E-04	1.75E-02
1155	485852.5, 3855735.28	3.41337	0.15732	0.00694	0.07633	1.38E-02	4.69E-03	4.43E-05	2.41E-04	1.88E-02	1.25E-02	0.00E+00	5.90E-07	6.57E-06	1.26E-02	1.60E-02	4.69E-03	4.43E-05	2.41E-04	2.09E-02
1156	485902.5, 3855735.28	3.10426	0.15385	0.00712	0.07525	1.25E-02	4.59E-03	4.54E-05	2.38E-04	1.74E-02	1.14E-02	0.00E+00	6.06E-07	6.48E-06	1.14E-02	1.45E-02	4.59E-03	4.54E-05	2.38E-04	1.94E-02
1157	485852.5, 3855785.28	3.91844	0.16826	0.00694	0.08112	1.58E-02	5.02E-03	4.43E-05	2.56E-04	2.12E-02	1.44E-02	0.00E+00	5.90E-07	6.99E-06	1.44E-02	1.83E-02	5.02E-03	4.43E-05	2.56E-04	2.36E-02
1158	485902.5, 3855785.28	3.4655	0.16232	0.0071	0.07982	1.40E-02	4.84E-03	4.53E-05	2.52E-04	1.91E-02	1.27E-02	0.00E+00	6.04E-07	6.87E-06	1.27E-02	1.62E-02	4.84E-03	4.53E-05	2.52E-04	2.13E-02
1159	486809.46, 3856465.28	3.07921	0.22399	0.01179	0.05663	1.24E-02	6.68E-03	7.52E-05	1.79E-04	1.94E-02	1.13E-02	0.00E+00	1.00E-06	4.88E-06	1.13E-02	1.44E-02	6.68E-03	7.52E-05	1.79E-04	2.13E-02
1160	486859.46, 3856465.28	2.90223	0.22198	0.01198	0.05509	1.17E-02	6.62E-03	7.64E-05	1.74E-04	1.86E-02	1.07E-02	0.00E+00	1.02E-06	4.74E-06	1.07E-02	1.36E-02	6.62E-03	7.64E-05	1.74E-04	2.04E-02
1161	486909.46, 3856465.28	2.7379	0.21933	0.01217	0.05366	1.11E-02	6.54E-03	7.76E-05	1.69E-04	1.79E-02	1.01E-02	0.00E+00	1.04E-06	4.62E-06	1.01E-02	1.28E-02	6.54E-03	7.76E-05	1.69E-04	1.96E-02
1162	486809.46, 3856515.28	3.36633	0.23278	0.01193	0.0549	1.36E-02	6.94E-03	7.61E-05	1.73E-04	2.08E-02	1.24E-02	0.00E+00	1.01E-06	4.73E-06	1.24E-02	1.57E-02	6.94E-03	7.61E-05	1.73E-04	2.29E-02
1163	486859.46, 3856515.28	3.1594	0.23125	0.01216	0.05339	1.28E-02	6.90E-03	7.76E-05	1.69E-04	1.99E-02	1.16E-02	0.00E+00	1.03E-06	4.60E-06	1.16E-02	1.48E-02	6.90E-03	7.76E-05	1.69E-04	2.19E-02
1164	486909.46, 3856515.28	2.96809	0.2289	0.01237	0.052	1.20E-02	6.83E-03	7.89E-05	1.64E-04	1.91E-02	1.09E-02	0.00E+00	1.05E-06	4.48E-06	1.09E-02	1.39E-02	6.83E-03	7.89E-05	1.64E-04	2.10E-02
1165	486980.94, 3856357.95	2.20907	0.19907	0.01231	0.05441	8.93E-03	5.94E-03	7.85E-05	1.72E-04	1.51E-02	8.12E-03	0.00E+00	1.05E-06	4.69E-06	8.13E-03	1.03E-02	5.94E-03	7.85E-05	1.72E-04	1.65E-02
1166	487030.94, 3856357.95	2.11731	0.19727	0.01279	0.05313	8.56E-03	5.89E-03	8.16E-05	1.68E-04	1.47E-02	7.78E-03	0.00E+00	1.09E-06	4.58E-06	7.79E-03	9.90E-03	5.89E-03	8.16E-05	1.68E-04	1.60E-02
1167	486980.94, 3856407.95	2.35739	0.20749	0.01236	0.05327	9.53E-03	6.19E-03	7.88E-05	1.68E-04	1.60E-02	8.67E-03	0.00E+00	1.05E-06	4.59E-06	8.67E-03	1.10E-02	6.19E-03	7.88E-05	1.68E-04	1.75E-02
1168	487030.94, 3856407.95	2.25109	0.20533	0.01281	0.05201	9.10E-03	6.13E-03	8.17E-05	1.64E-04	1.55E-02	8.28E-03	0.00E+00	1.09E-06	4.48E-06	8.28E-03	1.05E-02	6.13E-03	8.17E-05	1.64E-04	1.69E-02
1169	487447.18, 3856437.45	1.6837	0.19505	0.01731	0.04316	6.81E-03	5.82E-03	1.10E-04	1.36E-04	1.29E-02	6.19E-03	0.00E+00	1.47E-06	3.72E-06	6.20E-03	7.87E-03	5.82E-03	1.10E-04	1.36E-04	1.39E-02
1170	487497.18, 3856437.45	1.6277	0.19352	0.01833	0.04236	6.58E-03	5.77E-03	1.17E-04	1.34E-04	1.26E-02	5.98E-03	0.00E+00	1.56E-06	3.65E-06	5.99E-03	7.61E-03	5.77E-03	1.17E-04	1.34E-04	1.36E-02
1171	487547.18, 3856437.45	1.5751	0.19222	0.01943	0.04158	6.37E-03	5.73E-03	1.24E-04	1.31E-04	1.24E-02	5.79E-03	0.00E+00	1.65E-06	3.58E-06	5.80E-03	7.37E-03	5.73E-03	1.24E-04	1.31E-04	1.34E-02
1172	487447.18, 3856487.45	1.75893	0.202	0.01751	0.04205	7.11E-03	6.03E-03	1.12E-04	1.33E-04	1.34E-02	6.47E-03	0.00E+00	1.49E-06	3.62E-06	6.47E-03	8.23E-03	6.03E-03	1.12E-04	1.33E-04	1.45E-02
1173	487497.18, 3856487.45	1.69673	0.20019	0.01849	0.04129	6.86E-03	5.97E-03	1.18E-04	1.30E-04	1.31E-02	6.24E-03	0.00E+00	1.57E-06	3.56E-06	6.24E-03	7.93E-03	5.97E-03	1.18E-04	1.30E-04	1.42E-02
1174	487547.18, 3856487.45	1.64406	0.19882	0.01959	0.04055	6.65E-03	5.93E-03	1.25E-04	1.28E-04	1.28E-02	6.04E-03	0.00E+00	1.67E-06	3.49E-06	6.05E-03	7.69E-03	5.93E-03	1.25E-04	1.28E-04	1.39E-02
1175	487447.18, 3856537.45	1.84308	0.20894	0.01776	0.04088	7.45E-03	6.23E-03	1.13E-04	1.29E-04	1.39E-02	6.78E-03	0.00E+00	1.51E-06	3.52E-06	6.78E-03	8.62E-03	6.23E-03	1.13E-04	1.29E-04	1.51E-02
1176	487497.18, 3856537.45	1.77337	0.20683	0.01869	0.04017	7.17E-03	6.17E-03	1.19E-04	1.27E-04	1.36E-02	6.52E-03	0.00E+00	1.59E-06	3.46E-06	6.52E-03	8.29E-03	6.17E-03	1.19E-04	1.27E-04	1.47E-02

1177	487547.18, 3856537.45	1.70921	0.20557	0.01978	0.03947	6.91E-03	6.13E-03	1.26E-04	1.25E-04	1.33E-02	6.28E-03	0.00E+00	1.68E-06	3.40E-06	6.29E-03	7.99E-03	6.13E-03	1.26E-04	1.25E-04	1.44E-02
1178	489285.89, 3858826.54	0.10588	0.69722	0.04699	0.07792	4.28E-04	2.08E-02	3.00E-04	2.46E-04	2.18E-02	3.89E-04	0.00E+00	4.00E-06	6.71E-06	4.00E-04	4.95E-04	2.08E-02	3.00E-04	2.46E-04	2.18E-02
1179	489335.89, 3858826.54	0.10543	0.67801	0.04845	0.077	4.26E-04	2.02E-02	3.09E-04	2.43E-04	2.12E-02	3.88E-04	0.00E+00	4.12E-06	6.63E-06	3.98E-04	4.93E-04	2.02E-02	3.09E-04	2.43E-04	2.13E-02
1180	489385.89, 3858826.54	0.10516	0.65837	0.04984	0.07602	4.25E-04	1.96E-02	3.18E-04	2.40E-04	2.06E-02	3.87E-04	0.00E+00	4.24E-06	6.55E-06	3.97E-04	4.92E-04	1.96E-02	3.18E-04	2.40E-04	2.07E-02
1181	489435.89, 3858826.54	0.10498	0.64059	0.05106	0.07505	4.24E-04	1.91E-02	3.26E-04	2.37E-04	2.01E-02	3.86E-04	0.00E+00	4.34E-06	6.46E-06	3.97E-04	4.91E-04	1.91E-02	3.26E-04	2.37E-04	2.02E-02
1182	489485.89, 3858826.54	0.10489	0.62398	0.05213	0.07407	4.24E-04	1.86E-02	3.33E-04	2.34E-04	1.96E-02	3.86E-04	0.00E+00	4.43E-06	6.38E-06	3.96E-04	4.91E-04	1.86E-02	3.33E-04	2.34E-04	1.97E-02
1183	489535.89, 3858826.54	0.10494	0.60796	0.05307	0.0731	4.24E-04	1.81E-02	3.39E-04	2.31E-04	1.91E-02	3.86E-04	0.00E+00	4.51E-06	6.29E-06	3.97E-04	4.91E-04	1.81E-02	3.39E-04	2.31E-04	1.92E-02
1184	489585.89, 3858826.54	0.10507	0.59287	0.05389	0.07214	4.25E-04	1.77E-02	3.44E-04	2.28E-04	1.87E-02	3.86E-04	0.00E+00	4.58E-06	6.21E-06	3.97E-04	4.91E-04	1.77E-02	3.44E-04	2.28E-04	1.88E-02
1185	489635.89, 3858826.54	0.10533	0.57793	0.05461	0.07118	4.26E-04	1.72E-02	3.48E-04	2.25E-04	1.82E-02	3.87E-04	0.00E+00	4.64E-06	6.13E-06	3.98E-04	4.93E-04	1.72E-02	3.48E-04	2.25E-04	1.83E-02
1186	489685.89, 3858826.54	0.1057	0.56346	0.05523	0.07024	4.27E-04	1.68E-02	3.52E-04	2.22E-04	1.78E-02	3.89E-04	0.00E+00	4.70E-06	6.05E-06	3.99E-04	4.94E-04	1.68E-02	3.52E-04	2.22E-04	1.79E-02
1187	489735.89, 3858826.54	0.10614	0.54957	0.05576	0.06931	4.29E-04	1.64E-02	3.56E-04	2.19E-04	1.74E-02	3.90E-04	0.00E+00	4.74E-06	5.97E-06	4.01E-04	4.96E-04	1.64E-02	3.56E-04	2.19E-04	1.75E-02
1188	489785.89, 3858826.54	0.10661	0.53707	0.05627	0.0684	4.31E-04	1.60E-02	3.59E-04	2.16E-04	1.70E-02	3.92E-04	0.00E+00	4.79E-06	5.89E-06	4.03E-04	4.99E-04	1.60E-02	3.59E-04	2.16E-04	1.71E-02
1189	489835.89, 3858826.54	0.1072	0.52406	0.0567	0.06748	4.33E-04	1.56E-02	3.62E-04	2.13E-04	1.66E-02	3.94E-04	0.00E+00	4.82E-06	5.81E-06	4.05E-04	5.01E-04	1.56E-02	3.62E-04	2.13E-04	1.67E-02
1190	489885.89, 3858826.54	0.10775	0.51275	0.05714	0.06658	4.36E-04	1.53E-02	3.64E-04	2.10E-04	1.63E-02	3.96E-04	0.00E+00	4.86E-06	5.73E-06	4.07E-04	5.04E-04	1.53E-02	3.64E-04	2.10E-04	1.64E-02
1191	489935.89, 3858826.54	0.10836	0.5016	0.05753	0.06568	4.38E-04	1.50E-02	3.67E-04	2.07E-04	1.60E-02	3.98E-04	0.00E+00	4.89E-06	5.66E-06	4.09E-04	5.07E-04	1.50E-02	3.67E-04	2.07E-04	1.60E-02
1192	489985.89, 3858826.54	0.10902	0.49057	0.05787	0.06479	4.41E-04	1.46E-02	3.69E-04	2.05E-04	1.56E-02	4.01E-04	0.00E+00	4.92E-06	5.58E-06	4.11E-04	5.10E-04	1.46E-02	3.69E-04	2.05E-04	1.57E-02
1193	490035.89, 3858826.54	0.10976	0.47879	0.05812	0.0639	4.44E-04	1.43E-02	3.71E-04	2.02E-04	1.53E-02	4.04E-04	0.00E+00	4.94E-06	5.50E-06	4.14E-04	5.13E-04	1.43E-02	3.71E-04	2.02E-04	1.54E-02
1194	489285.89, 3858876.54	0.10302	0.74909	0.04126	0.08254	4.16E-04	2.23E-02	2.63E-04	2.61E-04	2.33E-02	3.79E-04	0.00E+00	3.51E-06	7.11E-06	3.89E-04	4.82E-04	2.23E-02	2.63E-04	2.61E-04	2.34E-02
1195	489335.89, 3858876.54	0.10246	0.72481	0.04262	0.08138	4.14E-04	2.16E-02	2.72E-04	2.57E-04	2.26E-02	3.77E-04	0.00E+00	3.62E-06	7.01E-06	3.87E-04	4.79E-04	2.16E-02	2.72E-04	2.57E-04	2.26E-02
1196	489385.89, 3858876.54	0.10199	0.70248	0.04391	0.0802	4.12E-04	2.10E-02	2.80E-04	2.53E-04	2.19E-02	3.75E-04	0.00E+00	3.73E-06	6.91E-06	3.86E-04	4.77E-04	2.10E-02	2.80E-04	2.53E-04	2.20E-02
1197	489435.89, 3858876.54	0.10164	0.68132	0.04512	0.07902	4.11E-04	2.03E-02	2.88E-04	2.49E-04	2.13E-02	3.74E-04	0.00E+00	3.84E-06	6.80E-06	3.84E-04	4.75E-04	2.03E-02	2.88E-04	2.49E-04	2.13E-02
1198	489485.89, 3858876.54	0.1014	0.66133	0.04623	0.07785	4.10E-04	1.97E-02	2.95E-04	2.46E-04	2.07E-02	3.73E-04	0.00E+00	3.93E-06	6.70E-06	3.83E-04	4.74E-04	1.97E-02	2.95E-04	2.46E-04	2.07E-02
1199	489535.89, 3858876.54	0.10129	0.64227	0.04724	0.07669	4.09E-04	1.92E-02	3.01E-04	2.42E-04	2.01E-02	3.72E-04	0.00E+00	4.02E-06	6.60E-06	3.83E-04	4.74E-04	1.92E-02	3.01E-04	2.42E-04	2.02E-02
1200	489585.89, 3858876.54	0.10133	0.62338	0.04813	0.07554	4.10E-04	1.86E-02	3.07E-04	2.39E-04	1.96E-02	3.73E-04	0.00E+00	4.09E-06	6.50E-06	3.83E-04	4.74E-04	1.86E-02	3.07E-04	2.39E-04	1.96E-02
1201	489635.89, 3858876.54	0.1014	0.60679	0.04891	0.07444	4.10E-04	1.81E-02	3.12E-04	2.35E-04	1.91E-02	3.73E-04	0.00E+00	4.16E-06	6.41E-06	3.83E-04	4.74E-04	1.81E-02	3.12E-04	2.35E-04	1.91E-02
1202	489685.89, 3858876.54	0.1016	0.59038	0.0496	0.07335	4.11E-04	1.76E-02	3.16E-04	2.32E-04	1.86E-02	3.74E-04	0.00E+00	4.22E-06	6.32E-06	3.84E-04	4.75E-04	1.76E-02	3.16E-04	2.32E-04	1.86E-02
1203	489735.89, 3858876.54	0.10191	0.57429	0.05018	0.07226	4.12E-04	1.71E-02	3.20E-04	2.28E-04	1.81E-02	3.75E-04	0.00E+00	4.27E-06	6.22E-06	3.85E-04	4.77E-04	1.71E-02	3.20E-04	2.28E-04	1.82E-02
1204	489785.89, 3858876.54	0.10224	0.56013	0.05072	0.07121	4.13E-04	1.67E-02	3.24E-04	2.25E-04	1.77E-02	3.76E-04	0.00E+00	4.31E-06	6.13E-06	3.86E-04	4.78E-04	1.67E-02	3.24E-04	2.25E-04	1.77E-02
1205	489835.89, 3858876.54	0.10269	0.54577	0.0512	0.07016	4.15E-04	1.63E-02	3.27E-04	2.22E-04	1.72E-02	3.78E-04	0.00E+00	4.35E-06	6.04E-06	3.88E-04	4.80E-04	1.63E-02	3.27E-04	2.22E-04	1.73E-02
1206	489885.89, 3858876.54	0.1031	0.53374	0.0517	0.06914	4.17E-04	1.59E-02	3.30E-04	2.18E-04	1.69E-02	3.79E-04	0.00E+00	4.40E-06	5.95E-06	3.89E-04	4.82E-04	1.59E-02	3.30E-04	2.18E-04	1.70E-02
1207	489935.89, 3858876.54	0.10369	0.52034	0.05211	0.06811	4.19E-04	1.55E-02	3.32E-04	2.15E-04	1.65E-02	3.81E-04	0.00E+00	4.43E-06	5.86E-06	3.92E-04	4.85E-04	1.55E-02	3.32E-04	2.15E-04	1.66E-02
1208	489985.89, 3858876.54	0.10433	0.50719	0.05248	0.0671	4.22E-04	1.51E-02	3.35E-04	2.12E-04	1.61E-02	3.84E-04	0.00E+00	4.46E-06	5.78E-06	3.94E-04	4.88E-04	1.51E-02	3.35E-04	2.12E-04	1.62E-02
1209	490035.89, 3858876.54	0.10499	0.49484	0.05284	0.06611	4.24E-04	1.48E-02	3.37E-04	2.09E-04	1.57E-02	3.86E-04	0.00E+00	4.49E-06	5.69E-06	3.96E-04	4.91E-04	1.48E-02	3.37E-04	2.09E-04	1.58E-02
1210	489285.89, 3858926.54	0.10039	0.80295	0.03655	0.08746	4.06E-04	2.40E-02	2.33E-04	2.76E-04	2.49E-02	3.69E-04	0.00E+00	3.11E-06	7.53E-06	3.80E-04	4.69E-04	2.40E-02	2.33E-04	2.76E-04	2.49E-02
1211	489335.89, 3858926.54	0.09975	0.77336	0.03777	0.08603	4.03E-04	2.31E-02	2.41E-04	2.72E-04	2.40E-02	3.67E-04	0.00E+00	3.21E-06	7.41E-06	3.77E-04	4.66E-04	2.31E-02	2.41E-04	2.72E-04	2.41E-02
1212	489385.89, 3858926.54	0.09921	0.74531	0.03898	0.08458	4.01E-04	2.22E-02	2.49E-04	2.67E-04	2.32E-02	3.65E-04	0.00E+00	3.32E-06	7.28E-06	3.75E-04	4.64E-04	2.22E-02	2.49E-04	2.67E-04	2.32E-02
1213	489435.89, 3858926.54	0.09872	0.7206	0.04011	0.08318	3.99E-04	2.15E-02	2.56E-04	2.63E-04	2.24E-02	3.63E-04	0.00E+00	3.41E-06	7.16E-06	3.74E-04	4.62E-04	2.15E-02	2.56E-04	2.63E-04	2.25E-02
1214	489485.89, 3858926.54	0.09835	0.69721	0.04119	0.08181	3.98E-04	2.08E-02	2.63E-04	2.58E-04	2.17E-02	3.62E-04	0.00E+00	3.50E-06	7.04E-06	3.72E-04	4.60E-04	2.08E-02	2.63E-04	2.58E-04	2.18E-02
1215	489535.89, 3858926.54	0.09809	0.67524	0.0422	0.08047	3.96E-04	2.01E-02	2.69E-04	2.54E-04	2.11E-02	3.61E-04	0.00E+00	3.59E-06	6.93E-06	3.71E-04	4.59E-04	2.01E-02	2.69E-04	2.54E-04	2.11E-02
1216	489585.89, 3858926.54	0.09794	0.65436	0.04313	0.07917	3.96E-04	1.95E-02	2.75E-04	2.50E-04	2.04E-02	3.60E-04	0.00E+00	3.67E-06	6.82E-06	3.71E-04	4.58E-04	1.95E-02	2.75E-04	2.50E-04	2.05E-02
1217	489635.89, 3858926.54	0.09789	0.63487	0.04395	0.0779	3.96E-04	1.89E-02	2.80E-04	2.46E-04	1.99E-02	3.60E-04	0.00E+00	3.74E-06	6.71E-06	3.70E-04	4.58E-04	1.89E-02	2.80E-04	2.46E-04	1.99E-02
1218	489685.89, 3858926.54	0.09797	0.61567	0.0447	0.07664	3.96E-04	1.84E-02	2.85E-04	2.42E-04	1.93E-02	3.60E-04	0.00E+00	3.80E-06	6.60E-06	3.71E-04	4.58E-04	1.84E-02	2.85E-04	2.42E-04	1.94E-02
1219	489735.89, 3858926.54	0.09807	0.599	0.04534	0.07542	3.96E-04	1.79E-02	2.89E-04	2.38E-04	1.88E-02	3.61E-04	0.00E+00	3.86E-06	6.49E-06	3.71E-04	4.59E-04	1.79E-02	2.89E-04	2.38E-04	1.89E-02
1220	489785.89, 3858926.54	0.09825	0.58339	0.04593	0.07422	3.97E-04	1.74E-02	2.93E-04	2.34E-04	1.83E-02	3.61E-04	0.00E+00	3.91E-06	6.39E-06	3.72E-04	4.59E-04	1.74E-02	2.93E-04	2.34E-04	1.84E-02
1221	489835.89, 3858926.54	0.09858	0.56719	0.04643	0.07301	3.98E-04	1.69E-02	2.96E-04	2.31E-04	1.78E-02	3.62E-04	0.00E+00	3.95E-06	6.29E-06	3.73E-04	4.61E-04	1.69E-02	2.96E-04	2.31E-04	1.79E-02
1222	489885.89, 3858926.54	0.09892	0.553	0.04692	0.07184	4.00E-04	1.65E-02	2.99E-04	2.27E-04	1.74E-02	3.64E-04	0.00E+00	3.99E-06	6.19E-06	3.74E-04	4.63E-04	1.65E-02	2.99E-04	2.27E-04	1.75E-02
1223	489935.89, 3858926.54	0.09937	0.53878	0.04735	0.07069	4.02E-04	1.61E-02	3.02E-04	2.23E-04	1.70E-02	3.65E-04	0.00E+00	4.03E-06	6.09E-06	3.75E-04	4.65E-04	1.61E-02	3.02E-04	2.23E-04	1.71E-02
1224	489985.89, 3858926.54	0.09993	0.52419	0.04774	0.06955	4.04E-04	1.56E-02	3.05E-04	2.20E-04	1.66E-02	3.67E-04	0.00E+00	4.06E-06	5.99E-06	3.77E-04	4.67E-04	1.56E-02	3.05E-04	2.20E-04	1.66E-02
1225	490035.89, 3858926.54	0.10063	0.50874	0.04807	0.06842	4.07E-04	1.52E-02	3.07E-04	2.16E-04	1.61E-02	3.70E-04	0.00E+00	4.09E-06	5.89E-06	3.80E-04	4.71E-04	1.52E-02	3.07E-04	2.16E-04	1.62E-02
1226	489335.89, 3858976.54	0.09732	0.81932	0.0338	0.09094	3.93E-04	2.44E-02	2.16E-04	2.87E-04	2.53E-02	3.58E-04	0.00E+00	2.87E-06	7.83E-06	3.69E-04	4.55E-04	2.44E-02	2.16E-04	2.87E-04	2.54E-02
1227	489385.89, 3858976.54	0.09672	0.78654	0.03488	0.08923	3.91E-04	2.35E-02	2.22E-04	2.82E-04	2.44E-02	3.56E-04	0.00E+00	2.97E-06	7.68E-06	3.66E-04	4.52E-04	2.35E-02	2.22E-04	2.82E-04	2.44E-02
1228	489435.89, 3858976.54	0.09609	0.75909	0.03587	0.08764	3.88E-04	2.26E-02	2.29E-04	2.77E-04	2.35E-02	3.53E-04	0.00E+00	3.05E-06	7.55E-06	3.64E-04	4.49E-04	2.26E-02	2.29E-04	2.77E-04	2.36E-02
1229	489485.89, 3858976.54	0.09562	0.73171	0.03688	0.08607	3.87E-04	2.18E-02	2.35E-04	2.72E-04	2.27E-02	3.52E-04	0.00E+00	3.14E-06	7.41E-06	3.62E-04	4.47E-04	2.18E-02	2.35E-04	2.72E-04	2.28E-02
1230	489535.89, 3858976.54	0.09527	0.70589	0.03787	0.08454	3.85E-04	2.11E-02	2.42E-04	2.67E-04	2.20E-02	3.50E-04	0.00E+00	3.22E-06	7.28E-06	3.61E-04	4.46E-04	2.11E-02	2.42E-04	2.67E-04	2.20E-02
1231	489585.89, 3858976.54	0.09494	0.68348	0.03876	0.08309	3.84E-04	2.04E-02	2.47E-04	2.62E-04	2.13E-02	3.49E-04	0.00E+00	3.30E-06	7.15E-06	3.59E-04	4.44E-04	2.04E-02	2.47E-04	2.62E-04	2.13E-02
1232	489635.89, 3858976.54	0.09476	0.66144	0.03962	0.08164	3.83E-04	1.97E-02	2.53E-04	2.58E-04	2.06E-02	3.48E-04	0.00E+00	3.37E-06	7.03E-06	3.59E-04	4.43E-04	1.97E-02	2.53E-04	2.58E-04	2.07E-02
1233	489685.89, 3858976.54	0.0947	0.64031	0.0404	0.08019	3.83E-04	1.91E-02	2.58E-04	2.53E-04	2.00E-02	3.48E-04	0.00E+00	3.44E-06	6.91E-06	3.59E-04	4.43E-04	1.91E-02	2.58E-04	2.53E-04	2.01E-02
1234	489735.89, 3858976.54	0.09468	0.62151	0.04109	0.07879	3.83E-04	1.85E-02	2.62E-04	2.49E-04	1.94E-02	3.48E-04	0.00E+00	3.49E-06	6.78E-06	3.58E-04	4.43E-04	1.85E-02	2.62E-04	2.49E-04	1.95E-02
1235	489785.89, 3858976.54	0.0947	0.60473	0.0417	0.07742	3.83E-04	1.80E-02	2.66E-04	2.44E-04	1.89E-02	3.48E-04	0.00E+00	3.55E-06	6.67E-06	3.58E-04	4.43E-04	1.80E-02	2.66E-04	2.44E-04	1.90E-02

1236	489835.89, 3858976.54	0.09483	0.5883	0.04226	0.07607	3.83E-04	1.76E-02	2.70E-04	2.40E-04	1.84E-02	3.49E-04	0.00E+00	3.59E-06	6.55E-06	3.59E-04	4.43E-04	1.76E-02	2.70E-04	2.40E-04	1.85E-02
1237	489885.89, 3858976.54	0.09517	0.5705	0.04274	0.0747	3.85E-04	1.70E-02	2.73E-04	2.36E-04	1.79E-02	3.50E-04	0.00E+00	3.63E-06	6.43E-06	3.60E-04	4.45E-04	1.70E-02	2.73E-04	2.36E-04	1.80E-02
1238	489935.89, 3858976.54	0.09552	0.5545	0.04316	0.07339	3.86E-04	1.65E-02	2.75E-04	2.32E-04	1.74E-02	3.51E-04	0.00E+00	3.67E-06	6.32E-06	3.61E-04	4.47E-04	1.65E-02	2.75E-04	2.32E-04	1.75E-02
1239	489985.89, 3858976.54	0.09593	0.53968	0.04357	0.07211	3.88E-04	1.61E-02	2.78E-04	2.28E-04	1.70E-02	3.53E-04	0.00E+00	3.71E-06	6.21E-06	3.63E-04	4.49E-04	1.61E-02	2.78E-04	2.28E-04	1.71E-02
1240	490035.89, 3858976.54	0.0968	0.51726	0.04377	0.07077	3.91E-04	1.54E-02	2.79E-04	2.23E-04	1.63E-02	3.56E-04	0.00E+00	3.72E-06	6.09E-06	3.66E-04	4.53E-04	1.54E-02	2.79E-04	2.23E-04	1.64E-02
1241	489385.89, 3859026.54	0.09444	0.82433	0.03147	0.09437	3.82E-04	2.46E-02	2.01E-04	2.98E-04	2.55E-02	3.47E-04	0.00E+00	2.68E-06	8.13E-06	3.58E-04	4.42E-04	2.46E-02	2.01E-04	2.98E-04	2.55E-02
1242	489435.89, 3859026.54	0.0938	0.79197	0.03239	0.09253	3.79E-04	2.36E-02	2.07E-04	2.92E-04	2.45E-02	3.45E-04	0.00E+00	2.75E-06	7.97E-06	3.56E-04	4.39E-04	2.36E-02	2.07E-04	2.92E-04	2.46E-02
1243	489485.89, 3859026.54	0.09324	0.76175	0.03329	0.09076	3.77E-04	2.27E-02	2.12E-04	2.87E-04	2.36E-02	3.43E-04	0.00E+00	2.83E-06	7.82E-06	3.53E-04	4.36E-04	2.27E-02	2.12E-04	2.87E-04	2.37E-02
1244	489535.89, 3859026.54	0.09273	0.73451	0.03416	0.08904	3.75E-04	2.19E-02	2.18E-04	2.81E-04	2.28E-02	3.41E-04	0.00E+00	2.91E-06	7.67E-06	3.51E-04	4.34E-04	2.19E-02	2.18E-04	2.81E-04	2.28E-02
1245	489585.89, 3859026.54	0.09236	0.70808	0.03504	0.08732	3.73E-04	2.11E-02	2.24E-04	2.76E-04	2.20E-02	3.40E-04	0.00E+00	2.98E-06	7.52E-06	3.50E-04	4.32E-04	2.11E-02	2.24E-04	2.76E-04	2.21E-02
1246	489635.89, 3859026.54	0.09202	0.68473	0.03585	0.08566	3.72E-04	2.04E-02	2.29E-04	2.70E-04	2.13E-02	3.38E-04	0.00E+00	3.05E-06	7.38E-06	3.49E-04	4.30E-04	2.04E-02	2.29E-04	2.70E-04	2.14E-02
1247	489685.89, 3859026.54	0.09179	0.66268	0.03662	0.084	3.71E-04	1.98E-02	2.34E-04	2.65E-04	2.06E-02	3.37E-04	0.00E+00	3.11E-06	7.23E-06	3.48E-04	4.29E-04	1.98E-02	2.34E-04	2.65E-04	2.07E-02
1248	489735.89, 3859026.54	0.09161	0.64291	0.03731	0.0824	3.70E-04	1.92E-02	2.38E-04	2.60E-04	2.00E-02	3.37E-04	0.00E+00	3.17E-06	7.10E-06	3.47E-04	4.28E-04	1.92E-02	2.38E-04	2.60E-04	2.01E-02
1249	489785.89, 3859026.54	0.09153	0.62417	0.03796	0.08081	3.70E-04	1.86E-02	2.42E-04	2.55E-04	1.95E-02	3.37E-04	0.00E+00	3.23E-06	6.96E-06	3.47E-04	4.28E-04	1.86E-02	2.42E-04	2.55E-04	1.95E-02
1250	489835.89, 3859026.54	0.09164	0.60436	0.03856	0.07922	3.70E-04	1.80E-02	2.46E-04	2.50E-04	1.89E-02	3.37E-04	0.00E+00	3.28E-06	6.82E-06	3.47E-04	4.29E-04	1.80E-02	2.46E-04	2.50E-04	1.90E-02
1251	489885.89, 3859026.54	0.09178	0.58665	0.03908	0.07768	3.71E-04	1.75E-02	2.49E-04	2.45E-04	1.84E-02	3.37E-04	0.00E+00	3.32E-06	6.69E-06	3.47E-04	4.29E-04	1.75E-02	2.49E-04	2.45E-04	1.84E-02
1252	489935.89, 3859026.54	0.09203	0.5692	0.03952	0.07617	3.72E-04	1.70E-02	2.52E-04	2.40E-04	1.78E-02	3.38E-04	0.00E+00	3.36E-06	6.56E-06	3.48E-04	4.30E-04	1.70E-02	2.52E-04	2.40E-04	1.79E-02
1253	489985.89, 3859026.54	0.09236	0.55269	0.03991	0.07469	3.73E-04	1.65E-02	2.55E-04	2.36E-04	1.74E-02	3.40E-04	0.00E+00	3.39E-06	6.43E-06	3.49E-04	4.32E-04	1.65E-02	2.55E-04	2.36E-04	1.74E-02
1254	490035.89, 3859026.54	0.09318	0.527	0.04008	0.07316	3.77E-04	1.57E-02	2.56E-04	2.31E-04	1.66E-02	3.43E-04	0.00E+00	3.41E-06	6.30E-06	3.52E-04	4.36E-04	1.57E-02	2.56E-04	2.31E-04	1.66E-02
1255	489485.89, 3859076.54	0.09108	0.78803	0.03028	0.09599	3.68E-04	2.35E-02	1.93E-04	3.03E-04	2.44E-02	3.35E-04	0.00E+00	2.58E-06	8.27E-06	3.46E-04	4.26E-04	2.35E-02	1.93E-04	3.03E-04	2.44E-02
1256	489535.89, 3859076.54	0.09052	0.75778	0.03108	0.09395	3.66E-04	2.26E-02	1.98E-04	2.97E-04	2.35E-02	3.33E-04	0.00E+00	2.64E-06	8.09E-06	3.44E-04	4.23E-04	2.26E-02	1.98E-04	2.97E-04	2.35E-02
1257	489585.89, 3859076.54	0.09003	0.72979	0.03186	0.09193	3.64E-04	2.18E-02	2.03E-04	2.90E-04	2.26E-02	3.31E-04	0.00E+00	2.71E-06	7.92E-06	3.42E-04	4.21E-04	2.18E-02	2.03E-04	2.90E-04	2.27E-02
1258	489635.89, 3859076.54	0.08955	0.70572	0.03258	0.08998	3.62E-04	2.11E-02	2.08E-04	2.84E-04	2.19E-02	3.29E-04	0.00E+00	2.77E-06	7.75E-06	3.40E-04	4.19E-04	2.11E-02	2.08E-04	2.84E-04	2.20E-02
1259	489685.89, 3859076.54	0.08917	0.68287	0.03329	0.08805	3.60E-04	2.04E-02	2.12E-04	2.78E-04	2.12E-02	3.28E-04	0.00E+00	2.83E-06	7.58E-06	3.38E-04	4.17E-04	2.04E-02	2.12E-04	2.78E-04	2.13E-02
1260	489735.89, 3859076.54	0.0889	0.6613	0.03398	0.08616	3.59E-04	1.97E-02	2.17E-04	2.72E-04	2.06E-02	3.27E-04	0.00E+00	2.89E-06	7.42E-06	3.37E-04	4.16E-04	1.97E-02	2.17E-04	2.72E-04	2.06E-02
1261	489785.89, 3859076.54	0.08871	0.64094	0.03463	0.08431	3.59E-04	1.91E-02	2.21E-04	2.66E-04	2.00E-02	3.26E-04	0.00E+00	2.95E-06	7.26E-06	3.36E-04	4.15E-04	1.91E-02	2.21E-04	2.66E-04	2.00E-02
1262	489835.89, 3859076.54	0.08867	0.62068	0.03526	0.08248	3.58E-04	1.85E-02	2.25E-04	2.60E-04	1.94E-02	3.26E-04	0.00E+00	3.00E-06	7.10E-06	3.36E-04	4.15E-04	1.85E-02	2.25E-04	2.60E-04	1.94E-02
1263	489885.89, 3859076.54	0.08872	0.60134	0.03583	0.08068	3.59E-04	1.79E-02	2.29E-04	2.55E-04	1.88E-02	3.26E-04	0.00E+00	3.05E-06	6.95E-06	3.36E-04	4.15E-04	1.79E-02	2.29E-04	2.55E-04	1.88E-02
1264	489935.89, 3859076.54	0.08882	0.58373	0.03633	0.07895	3.59E-04	1.74E-02	2.32E-04	2.49E-04	1.83E-02	3.27E-04	0.00E+00	3.09E-06	6.80E-06	3.36E-04	4.15E-04	1.74E-02	2.32E-04	2.49E-04	1.83E-02
1265	489985.89, 3859076.54	0.08907	0.56553	0.03673	0.07723	3.60E-04	1.69E-02	2.34E-04	2.44E-04	1.77E-02	3.27E-04	0.00E+00	3.12E-06	6.65E-06	3.37E-04	4.17E-04	1.69E-02	2.34E-04	2.44E-04	1.78E-02
1266	490035.89, 3859076.54	0.08971	0.54045	0.03693	0.07548	3.63E-04	1.61E-02	2.36E-04	2.38E-04	1.70E-02	3.30E-04	0.00E+00	3.14E-06	6.50E-06	3.39E-04	4.20E-04	1.61E-02	2.36E-04	2.38E-04	1.70E-02
1267	489585.89, 3859126.54	0.0879	0.74884	0.02915	0.09673	3.55E-04	2.23E-02	1.86E-04	3.05E-04	2.32E-02	3.23E-04	0.00E+00	2.48E-06	8.33E-06	3.34E-04	4.11E-04	2.23E-02	1.86E-04	3.05E-04	2.32E-02
1268	489635.89, 3859126.54	0.08733	0.72339	0.02979	0.0944	3.53E-04	2.16E-02	1.90E-04	2.98E-04	2.24E-02	3.21E-04	0.00E+00	2.53E-06	8.13E-06	3.32E-04	4.08E-04	2.16E-02	1.90E-04	2.98E-04	2.25E-02
1269	489685.89, 3859126.54	0.08688	0.69892	0.03044	0.09211	3.51E-04	2.09E-02	1.94E-04	2.91E-04	2.17E-02	3.19E-04	0.00E+00	2.59E-06	7.93E-06	3.30E-04	4.06E-04	2.09E-02	1.94E-04	2.91E-04	2.17E-02
1270	489735.89, 3859126.54	0.0865	0.67606	0.03108	0.08989	3.50E-04	2.02E-02	1.98E-04	2.84E-04	2.10E-02	3.18E-04	0.00E+00	2.64E-06	7.74E-06	3.28E-04	4.05E-04	2.02E-02	1.98E-04	2.84E-04	2.11E-02
1271	489785.89, 3859126.54	0.08621	0.65475	0.0317	0.08772	3.48E-04	1.95E-02	2.02E-04	2.77E-04	2.04E-02	3.17E-04	0.00E+00	2.70E-06	7.55E-06	3.27E-04	4.03E-04	1.95E-02	2.02E-04	2.77E-04	2.04E-02
1272	489835.89, 3859126.54	0.08605	0.63374	0.03233	0.08559	3.48E-04	1.89E-02	2.06E-04	2.70E-04	1.97E-02	3.16E-04	0.00E+00	2.75E-06	7.37E-06	3.26E-04	4.02E-04	1.89E-02	2.06E-04	2.70E-04	1.98E-02
1273	489885.89, 3859126.54	0.08601	0.61321	0.03293	0.08351	3.48E-04	1.83E-02	2.10E-04	2.64E-04	1.91E-02	3.16E-04	0.00E+00	2.80E-06	7.19E-06	3.26E-04	4.02E-04	1.83E-02	2.10E-04	2.64E-04	1.92E-02
1274	489935.89, 3859126.54	0.08599	0.59505	0.03345	0.08151	3.48E-04	1.78E-02	2.13E-04	2.57E-04	1.86E-02	3.16E-04	0.00E+00	2.84E-06	7.02E-06	3.26E-04	4.02E-04	1.78E-02	2.13E-04	2.57E-04	1.86E-02
1275	489985.89, 3859126.54	0.08624	0.57364	0.03385	0.07951	3.49E-04	1.71E-02	2.16E-04	2.51E-04	1.79E-02	3.17E-04	0.00E+00	2.88E-06	6.85E-06	3.27E-04	4.03E-04	1.71E-02	2.16E-04	2.51E-04	1.80E-02
1276	490035.89, 3859126.54	0.08655	0.55286	0.03415	0.0776	3.50E-04	1.65E-02	2.18E-04	2.45E-04	1.73E-02	3.18E-04	0.00E+00	2.90E-06	6.68E-06	3.28E-04	4.05E-04	1.65E-02	2.18E-04	2.45E-04	1.74E-02
1277	489585.89, 3859176.54	0.08603	0.76177	0.0269	0.10134	3.48E-04	2.27E-02	1.72E-04	3.20E-04	2.36E-02	3.16E-04	0.00E+00	2.29E-06	8.73E-06	3.27E-04	4.02E-04	2.27E-02	1.72E-04	3.20E-04	2.36E-02
1278	489635.89, 3859176.54	0.08539	0.73564	0.02746	0.0986	3.45E-04	2.19E-02	1.75E-04	3.11E-04	2.28E-02	3.14E-04	0.00E+00	2.34E-06	8.49E-06	3.25E-04	3.99E-04	2.19E-02	1.75E-04	3.11E-04	2.28E-02
1279	489685.89, 3859176.54	0.08481	0.71157	0.028	0.09596	3.43E-04	2.12E-02	1.79E-04	3.03E-04	2.21E-02	3.12E-04	0.00E+00	2.38E-06	8.26E-06	3.22E-04	3.97E-04	2.12E-02	1.79E-04	3.03E-04	2.21E-02
1280	489735.89, 3859176.54	0.08432	0.68869	0.02855	0.09338	3.41E-04	2.05E-02	1.82E-04	2.95E-04	2.14E-02	3.10E-04	0.00E+00	2.43E-06	8.04E-06	3.20E-04	3.94E-04	2.05E-02	1.82E-04	2.95E-04	2.14E-02
1281	489785.89, 3859176.54	0.08399	0.66543	0.02915	0.09084	3.40E-04	1.99E-02	1.86E-04	2.87E-04	2.07E-02	3.09E-04	0.00E+00	2.48E-06	7.82E-06	3.19E-04	3.93E-04	1.99E-02	1.86E-04	2.87E-04	2.07E-02
1282	489835.89, 3859176.54	0.08371	0.6441	0.02974	0.0884	3.38E-04	1.92E-02	1.90E-04	2.79E-04	2.00E-02	3.08E-04	0.00E+00	2.53E-06	7.61E-06	3.18E-04	3.91E-04	1.92E-02	1.90E-04	2.79E-04	2.01E-02
1283	489885.89, 3859176.54	0.08356	0.6232	0.03033	0.08603	3.38E-04	1.86E-02	1.93E-04	2.72E-04	1.94E-02	3.07E-04	0.00E+00	2.58E-06	7.41E-06	3.17E-04	3.91E-04	1.86E-02	1.93E-04	2.72E-04	1.94E-02
1284	489935.89, 3859176.54	0.08343	0.60458	0.03086	0.08377	3.37E-04	1.80E-02	1.97E-04	2.64E-04	1.88E-02	3.07E-04	0.00E+00	2.62E-06	7.21E-06	3.17E-04	3.90E-04	1.80E-02	1.97E-04	2.64E-04	1.89E-02
1285	489985.89, 3859176.54	0.08357	0.58273	0.03133	0.08154	3.38E-04	1.74E-02	2.00E-04	2.57E-04	1.82E-02	3.07E-04	0.00E+00	2.66E-06	7.02E-06	3.17E-04	3.91E-04	1.74E-02	2.00E-04	2.57E-04	1.82E-02
1286	490035.89, 3859176.54	0.08359	0.56624	0.03175	0.07949	3.38E-04	1.69E-02	2.03E-04	2.51E-04	1.77E-02	3.07E-04	0.00E+00	2.70E-06	6.84E-06	3.17E-04	3.91E-04	1.69E-02	2.03E-04	2.51E-04	1.77E-02
1287	489685.89, 3859226.54	0.08303	0.71841	0.02598	0.0993	3.36E-04	2.14E-02	1.66E-04	3.14E-04	2.22E-02	3.05E-04	0.00E+00	2.21E-06	8.55E-06	3.16E-04	3.88E-04	2.14E-02	1.66E-04	3.14E-04	2.23E-02
1288	489735.89, 3859226.54	0.08241	0.69625	0.02643	0.0964	3.33E-04	2.08E-02	1.69E-04	3.04E-04	2.16E-02	3.03E-04	0.00E+00	2.25E-06	8.30E-06	3.14E-04	3.85E-04	2.08E-02	1.69E-04	3.04E-04	2.16E-02
1289	489785.89, 3859226.54	0.08197	0.67333	0.02694	0.09355	3.31E-04	2.01E-02	1.72E-04	2.95E-04	2.09E-02	3.01E-04	0.00E+00	2.29E-06	8.06E-06	3.12E-04	3.83E-04	2.01E-02	1.72E-04	2.95E-04	2.09E-02
1290	489835.89, 3859226.54	0.08166	0.65055	0.02751	0.09078	3.30E-04	1.94E-02	1.75E-04	2.87E-04	2.02E-02	3.00E-04	0.00E+00	2.34E-06	7.82E-06	3.10E-04	3.82E-04	1.94E-02	1.75E-04	2.87E-04	2.03E-02
1291	489885.89, 3859226.54	0.08139	0.63002	0.02804	0.08817	3.29E-04	1.88E-02	1.79E-04	2.78E-04	1.96E-02	2.99E-04	0.00E+00	2.38E-06	7.59E-06	3.09E-04	3.81E-04	1.88E-02	1.79E-04	2.78E-04	1.96E-02
1292	489935.89, 3859226.54	0.0812	0.61029	0.02857	0.08569	3.28E-04	1.82E-02	1.82E-04	2.71E-04	1.90E-02	2.99E-04	0.00E+00	2.43E-06	7.38E-06	3.08E-04	3.80E-04	1.82E-02	1.82E-04	2.71E-04	1.90E-02
1293	489985.89, 3859226.54	0.08129	0.58678	0.02902	0.08325	3.29E-04	1.75E-02	1.85E-04	2.63E-04	1.83E-02	2.99E-04	0.00E+00	2.47E-06	7.17E-06	3.08E-04	3.80E-04	1.75E-02	1.85E-04	2.63E-04	1.83E-02
1294	490035.89, 3859226.54	0.08116	0.57142	0.02947	0.08108	3.28E-04	1.70E-02	1.88E-04	2.56E-04	1.78E-02	2.98E-04	0.00E+00	2.51E-06	6.98E-06	3.08E-04	3.80E-04	1.70E-02	1.88E-04	2.56E-04	1.79E-02

1295	489735.89, 3859276.54	0.08073	0.69944	0.02465	0.09896	3.26E-04	2.09E-02	1.57E-04	3.12E-04	2.17E-02	2.97E-04	0.00E+00	2.10E-06	8.52E-06	3.07E-04	3.78E-04	2.09E-02	1.57E-04	3.12E-04	2.17E-02
1296	489785.89, 3859276.54	0.08017	0.67757	0.02507	0.09588	3.24E-04	2.02E-02	1.60E-04	3.03E-04	2.10E-02	2.95E-04	0.00E+00	2.13E-06	8.26E-06	3.05E-04	3.75E-04	2.02E-02	1.60E-04	3.03E-04	2.11E-02
1297	489835.89, 3859276.54	0.0798	0.65453	0.02558	0.09288	3.23E-04	1.95E-02	1.63E-04	2.93E-04	2.03E-02	2.93E-04	0.00E+00	2.18E-06	8.00E-06	3.04E-04	3.73E-04	1.95E-02	1.63E-04	2.93E-04	2.04E-02
1298	489885.89, 3859276.54	0.07942	0.63445	0.02604	0.0901	3.21E-04	1.89E-02	1.66E-04	2.84E-04	1.97E-02	2.92E-04	0.00E+00	2.21E-06	7.76E-06	3.02E-04	3.71E-04	1.89E-02	1.66E-04	2.84E-04	1.97E-02
1299	489935.89, 3859276.54	0.07919	0.61381	0.02655	0.08744	3.20E-04	1.83E-02	1.69E-04	2.76E-04	1.91E-02	2.91E-04	0.00E+00	2.26E-06	7.53E-06	3.01E-04	3.70E-04	1.83E-02	1.69E-04	2.76E-04	1.91E-02
1300	489985.89, 3859276.54	0.07923	0.58905	0.02698	0.08483	3.20E-04	1.76E-02	1.72E-04	2.68E-04	1.83E-02	2.91E-04	0.00E+00	2.29E-06	7.30E-06	3.01E-04	3.71E-04	1.76E-02	1.72E-04	2.68E-04	1.84E-02
1301	490035.89, 3859276.54	0.07889	0.57662	0.02745	0.0826	3.19E-04	1.72E-02	1.75E-04	2.61E-04	1.80E-02	2.90E-04	0.00E+00	2.33E-06	7.11E-06	2.99E-04	3.69E-04	1.72E-02	1.75E-04	2.61E-04	1.80E-02
1302	490458.06, 3859590.74	0.0659	0.47944	0.02078	0.06784	2.66E-04	1.43E-02	1.33E-04	2.14E-04	1.49E-02	2.42E-04	0.00E+00	1.77E-06	5.84E-06	2.50E-04	3.08E-04	1.43E-02	1.33E-04	2.14E-04	1.50E-02
1303	490508.06, 3859590.74	0.06593	0.46753	0.02116	0.06595	2.67E-04	1.39E-02	1.35E-04	2.08E-04	1.46E-02	2.42E-04	0.00E+00	1.80E-06	5.68E-06	2.50E-04	3.08E-04	1.39E-02	1.35E-04	2.08E-04	1.46E-02
1304	490558.06, 3859590.74	0.066	0.4559	0.02151	0.06418	2.67E-04	1.36E-02	1.37E-04	2.03E-04	1.42E-02	2.43E-04	0.00E+00	1.83E-06	5.53E-06	2.50E-04	3.09E-04	1.36E-02	1.37E-04	2.03E-04	1.42E-02
1305	490608.06, 3859590.74	0.06613	0.44397	0.02173	0.06251	2.67E-04	1.32E-02	1.39E-04	1.97E-04	1.38E-02	2.43E-04	0.00E+00	1.85E-06	5.38E-06	2.50E-04	3.09E-04	1.32E-02	1.39E-04	1.97E-04	1.39E-02
1306	490658.06, 3859590.74	0.0663	0.43171	0.02181	0.06095	2.68E-04	1.29E-02	1.39E-04	1.92E-04	1.35E-02	2.44E-04	0.00E+00	1.85E-06	5.25E-06	2.51E-04	3.10E-04	1.29E-02	1.39E-04	1.92E-04	1.35E-02
1307	490708.06, 3859590.74	0.06649	0.41946	0.02192	0.05949	2.69E-04	1.25E-02	1.40E-04	1.88E-04	1.31E-02	2.44E-04	0.00E+00	1.86E-06	5.12E-06	2.51E-04	3.11E-04	1.25E-02	1.40E-04	1.88E-04	1.32E-02
1308	490758.06, 3859590.74	0.06673	0.40671	0.02202	0.05813	2.70E-04	1.21E-02	1.40E-04	1.84E-04	1.27E-02	2.45E-04	0.00E+00	1.87E-06	5.01E-06	2.52E-04	3.12E-04	1.21E-02	1.40E-04	1.84E-04	1.28E-02
1309	490808.06, 3859590.74	0.06694	0.39572	0.02215	0.05684	2.71E-04	1.18E-02	1.41E-04	1.79E-04	1.24E-02	2.46E-04	0.00E+00	1.88E-06	4.89E-06	2.53E-04	3.13E-04	1.18E-02	1.41E-04	1.79E-04	1.24E-02
1310	490858.06, 3859590.74	0.06719	0.38439	0.02227	0.05564	2.72E-04	1.15E-02	1.42E-04	1.76E-04	1.21E-02	2.47E-04	0.00E+00	1.89E-06	4.79E-06	2.54E-04	3.14E-04	1.15E-02	1.42E-04	1.76E-04	1.21E-02
1311	490458.06, 3859640.74	0.06424	0.48098	0.01962	0.06693	2.60E-04	1.43E-02	1.25E-04	2.11E-04	1.49E-02	2.36E-04	0.00E+00	1.67E-06	5.76E-06	2.44E-04	3.00E-04	1.43E-02	1.25E-04	2.11E-04	1.50E-02
1312	490508.06, 3859640.74	0.0642	0.46975	0.01993	0.06503	2.60E-04	1.40E-02	1.27E-04	2.05E-04	1.46E-02	2.36E-04	0.00E+00	1.69E-06	5.60E-06	2.43E-04	3.00E-04	1.40E-02	1.27E-04	2.05E-04	1.46E-02
1313	490558.06, 3859640.74	0.0642	0.45871	0.02026	0.06324	2.60E-04	1.37E-02	1.29E-04	2.00E-04	1.43E-02	2.36E-04	0.00E+00	1.72E-06	5.45E-06	2.43E-04	3.00E-04	1.37E-02	1.29E-04	2.00E-04	1.43E-02
1314	490608.06, 3859640.74	0.06431	0.44667	0.02065	0.06153	2.60E-04	1.33E-02	1.32E-04	1.94E-04	1.39E-02	2.36E-04	0.00E+00	1.76E-06	5.30E-06	2.43E-04	3.01E-04	1.33E-02	1.32E-04	1.94E-04	1.40E-02
1315	490658.06, 3859640.74	0.06447	0.43424	0.02085	0.05994	2.61E-04	1.30E-02	1.33E-04	1.89E-04	1.35E-02	2.37E-04	0.00E+00	1.77E-06	5.16E-06	2.44E-04	3.02E-04	1.30E-02	1.33E-04	1.89E-04	1.36E-02
1316	490708.06, 3859640.74	0.06461	0.42253	0.02093	0.05847	2.61E-04	1.26E-02	1.34E-04	1.85E-04	1.32E-02	2.38E-04	0.00E+00	1.78E-06	5.03E-06	2.44E-04	3.02E-04	1.26E-02	1.34E-04	1.85E-04	1.32E-02
1317	490758.06, 3859640.74	0.06479	0.41027	0.02103	0.05709	2.62E-04	1.22E-02	1.34E-04	1.80E-04	1.28E-02	2.38E-04	0.00E+00	1.79E-06	4.92E-06	2.45E-04	3.03E-04	1.22E-02	1.34E-04	1.80E-04	1.29E-02
1318	490808.06, 3859640.74	0.06493	0.4002	0.02117	0.0558	2.62E-04	1.19E-02	1.35E-04	1.76E-04	1.25E-02	2.39E-04	0.00E+00	1.80E-06	4.80E-06	2.45E-04	3.04E-04	1.19E-02	1.35E-04	1.76E-04	1.26E-02
1319	490858.06, 3859640.74	0.06509	0.39048	0.0213	0.05458	2.63E-04	1.16E-02	1.36E-04	1.72E-04	1.22E-02	2.39E-04	0.00E+00	1.81E-06	4.70E-06	2.46E-04	3.04E-04	1.16E-02	1.36E-04	1.72E-04	1.23E-02
1320	490608.06, 3859690.74	0.06267	0.44824	0.01953	0.06034	2.53E-04	1.34E-02	1.25E-04	1.91E-04	1.39E-02	2.30E-04	0.00E+00	1.66E-06	5.20E-06	2.37E-04	2.93E-04	1.34E-02	1.25E-04	1.91E-04	1.40E-02
1321	490658.06, 3859690.74	0.06277	0.43629	0.01989	0.05875	2.54E-04	1.30E-02	1.27E-04	1.85E-04	1.36E-02	2.31E-04	0.00E+00	1.69E-06	5.06E-06	2.38E-04	2.94E-04	1.30E-02	1.27E-04	1.85E-04	1.36E-02
1322	490708.06, 3859690.74	0.06287	0.42485	0.02004	0.05728	2.54E-04	1.27E-02	1.28E-04	1.81E-04	1.32E-02	2.31E-04	0.00E+00	1.70E-06	4.93E-06	2.38E-04	2.94E-04	1.27E-02	1.28E-04	1.81E-04	1.33E-02
1323	490758.06, 3859690.74	0.06301	0.41293	0.02011	0.05591	2.55E-04	1.23E-02	1.28E-04	1.77E-04	1.29E-02	2.32E-04	0.00E+00	1.71E-06	4.81E-06	2.38E-04	2.95E-04	1.23E-02	1.28E-04	1.77E-04	1.29E-02
1324	490808.06, 3859690.74	0.06313	0.40236	0.02023	0.05464	2.55E-04	1.20E-02	1.29E-04	1.73E-04	1.26E-02	2.32E-04	0.00E+00	1.72E-06	4.71E-06	2.39E-04	2.95E-04	1.20E-02	1.29E-04	1.73E-04	1.26E-02
1325	490858.06, 3859690.74	0.06317	0.39483	0.0204	0.05343	2.55E-04	1.18E-02	1.30E-04	1.69E-04	1.23E-02	2.32E-04	0.00E+00	1.73E-06	4.60E-06	2.39E-04	2.95E-04	1.18E-02	1.30E-04	1.69E-04	1.24E-02
1326	490708.06, 3859740.74	0.06124	0.42722	0.01916	0.05598	2.48E-04	1.27E-02	1.22E-04	1.77E-04	1.33E-02	2.25E-04	0.00E+00	1.63E-06	4.82E-06	2.32E-04	2.86E-04	1.27E-02	1.22E-04	1.77E-04	1.33E-02
1327	490758.06, 3859740.74	0.06123	0.41792	0.01936	0.05465	2.48E-04	1.25E-02	1.23E-04	1.73E-04	1.30E-02	2.25E-04	0.00E+00	1.65E-06	4.71E-06	2.31E-04	2.86E-04	1.25E-02	1.23E-04	1.73E-04	1.31E-02
1328	490808.06, 3859740.74	0.06129	0.40808	0.01949	0.05338	2.48E-04	1.22E-02	1.24E-04	1.69E-04	1.27E-02	2.25E-04	0.00E+00	1.66E-06	4.60E-06	2.32E-04	2.87E-04	1.22E-02	1.24E-04	1.69E-04	1.28E-02
1329	490858.06, 3859740.74	0.06134	0.39918	0.01961	0.05219	2.48E-04	1.19E-02	1.25E-04	1.65E-04	1.24E-02	2.26E-04	0.00E+00	1.67E-06	4.49E-06	2.32E-04	2.87E-04	1.19E-02	1.25E-04	1.65E-04	1.25E-02
1330	490786.56, 3859749.39	0.06096	0.41296	0.01931	0.05369	2.46E-04	1.23E-02	1.23E-04	1.70E-04	1.29E-02	2.24E-04	0.00E+00	1.64E-06	4.62E-06	2.30E-04	2.85E-04	1.23E-02	1.23E-04	1.70E-04	1.29E-02
1331	490836.56, 3859749.39	0.06103	0.40342	0.01943	0.05246	2.47E-04	1.20E-02	1.24E-04	1.66E-04	1.26E-02	2.24E-04	0.00E+00	1.65E-06	4.52E-06	2.31E-04	2.85E-04	1.20E-02	1.24E-04	1.66E-04	1.26E-02
1332	490786.56, 3859799.39	0.05936	0.41517	0.01833	0.05233	2.40E-04	1.24E-02	1.17E-04	1.65E-04	1.29E-02	2.18E-04	0.00E+00	1.56E-06	4.51E-06	2.24E-04	2.78E-04	1.24E-02	1.17E-04	1.65E-04	1.29E-02
1333	490836.56, 3859799.39	0.05939	0.40572	0.0186	0.05112	2.40E-04	1.21E-02	1.19E-04	1.61E-04	1.26E-02	2.18E-04	0.00E+00	1.58E-06	4.40E-06	2.24E-04	2.78E-04	1.21E-02	1.19E-04	1.61E-04	1.27E-02
1334	492307.84, 3854508.36	0.13893	0.03726	0.02048	0.01998	5.62E-04	1.11E-03	1.31E-04	6.31E-05	1.87E-03	5.11E-04	0.00E+00	1.74E-06	1.72E-06	5.14E-04	6.50E-04	1.11E-03	1.31E-04	6.31E-05	1.96E-03
1335	486445.7, 3854753.6	0.19696	0.04028	0.00925	0.0291	7.96E-04	1.20E-03	5.90E-05	9.19E-05	2.15E-03	7.24E-04	0.00E+00	7.87E-07	2.51E-06	7.27E-04	9.21E-04	1.20E-03	5.90E-05	9.19E-05	2.27E-03
1336	472599.75, 3877830.11	0.0029	0.00334	0.00117	0.00114	1.17E-05	9.96E-05	7.46E-06	3.60E-06	1.22E-04	1.07E-05	0.00E+00	9.95E-08	9.82E-08	1.09E-05	1.36E-05	9.96E-05	7.46E-06	3.60E-06	1.24E-04
1337	493107.48, 3866840.19	0.00924	0.00994	0.00271	0.00319	3.73E-05	2.97E-04	1.73E-05	1.01E-05	3.61E-04	3.40E-05	0.00E+00	2.30E-07	2.75E-07	3.45E-05	4.32E-05	2.97E-04	1.73E-05	1.01E-05	3.67E-04
1338	495815.8, 3861662.87	0.03029	0.07155	0.00836	0.00787	1.22E-04	2.13E-03	5.33E-05	2.48E-05	2.34E-03	1.11E-04	0.00E+00	7.11E-07	6.78E-07	1.13E-04	1.42E-04	2.13E-03	5.33E-05	2.48E-05	2.35E-03
1339	480272.33, 3841389.2	0.00102	0.00079	0.00143	0.00157	4.12E-06	2.36E-05	9.12E-06	4.96E-06	4.18E-05	3.75E-06	0.00E+00	1.22E-07	1.35E-07	4.01E-06	4.77E-06	2.36E-05	9.12E-06	4.96E-06	4.24E-05
1340	497005.18, 3862813.64	0.02083	0.04481	0.00639	0.00489	8.42E-05	1.34E-03	4.08E-05	1.54E-05	1.48E-03	7.66E-05	0.00E+00	5.43E-07	4.21E-07	7.75E-05	9.74E-05	1.34E-03	4.08E-05	1.54E-05	1.49E-03
1341	493677.33, 3860302.55	0.05298	0.15772	0.01752	0.01911	2.14E-04	4.71E-03	1.12E-04	6.03E-05	5.09E-03	1.95E-04	0.00E+00	1.49E-06	1.65E-06	1.98E-04	2.48E-04	4.71E-03	1.12E-04	6.03E-05	5.13E-03
1342	493727.33, 3860302.55	0.05296	0.15603	0.01759	0.01899	2.14E-04	4.65E-03	1.12E-04	6.00E-05	5.04E-03	1.95E-04	0.00E+00	1.50E-06	1.64E-06	1.98E-04	2.48E-04	4.65E-03	1.12E-04	6.00E-05	5.07E-03
1343	493777.33, 3860302.55	0.05295	0.15428	0.01763	0.01887	2.14E-04	4.60E-03	1.12E-04	5.96E-05	4.99E-03	1.95E-04	0.00E+00	1.50E-06	1.62E-06	1.98E-04	2.48E-04	4.60E-03	1.12E-04	5.96E-05	5.02E-03
1344	493827.33, 3860302.55	0.05292	0.15254	0.01766	0.01875	2.14E-04	4.55E-03	1.13E-04	5.92E-05	4.94E-03	1.95E-04	0.00E+00	1.50E-06	1.61E-06	1.98E-04	2.47E-04	4.55E-03	1.13E-04	5.92E-05	4.97E-03
1345	493877.33, 3860302.55	0.05285	0.151	0.01773	0.01864	2.14E-04	4.50E-03	1.13E-04	5.89E-05	4.89E-03	1.94E-04	0.00E+00	1.51E-06	1.61E-06	1.97E-04	2.47E-04	4.50E-03	1.13E-04	5.89E-05	4.92E-03
1346	493927.33, 3860302.55	0.05274	0.14958	0.01781	0.01854	2.13E-04	4.46E-03	1.14E-04	5.85E-05	4.85E-03	1.94E-04	0.00E+00	1.51E-06	1.60E-06	1.97E-04	2.47E-04	4.46E-03	1.14E-04	5.85E-05	4.88E-03
1347	493977.33, 3860302.55	0.05277	0.14743	0.01774	0.0184	2.13E-04	4.40E-03	1.13E-04	5.81E-05	4.78E-03	1.94E-04	0.00E+00	1.51E-06	1.58E-06	1.97E-04	2.47E-04	4.40E-03	1.13E-04	5.81E-05	4.82E-03
1348	494027.33, 3860302.55	0.05271	0.14565	0.01775	0.01829	2.13E-04	4.35E-03	1.13E-04	5.77E-05	4.73E-03	1.94E-04	0.00E+00	1.51E-06	1.57E-06	1.97E-04	2.47E-04	4.35E-03	1.13E-04	5.77E-05	4.76E-03
1349	493677.33, 3860352.55	0.05181	0.15571	0.01696	0.01861	2.09E-04	4.65E-03	1.08E-04	5.88E-05	5.02E-03	1.90E-04	0.00E+00	1.44E-06	1.60E-06	1.94E-04	2.42E-04	4.65E-03	1.08E-04	5.88E-05	5.05E-03
1350	493727.33, 3860352.55	0.0518	0.15418	0.01704	0.01851	2.09E-04	4.60E-03	1.09E-04	5.84E-05	4.98E-03	1.90E-04	0.00E+00	1.45E-06	1.59E-06	1.93E-04	2.42E-04	4.60E-03	1.09E-04	5.84E-05	5.01E-03
1351	493777.33, 3860352.55	0.05177	0.15265	0.01712	0.01841	2.09E-04	4.55E-03	1.09E-04	5.81E-05	4.93E-03	1.90E-04	0.00E+00	1.46E-06	1.59E-06	1.93E-04	2.42E-04	4.55E-03	1.09E-04	5.81E-05	4.96E-03
1352	493827.33, 3860352.55	0.05175	0.15107	0.01721	0.0183	2.09E-04	4.51E-03	1.10E-04	5.78E-05	4.88E-03	1.90E-04	0.00E+00	1.46E-06	1.58E-06	1.93E-04	2.42E-04	4.51E-03	1.10E-04	5.78E-05	4.92E-03
1353	493877.33, 3860352.55	0.05175	0.14942	0.0173	0.01819	2.09E-04	4.46E-03	1.10E-04	5.74E-05	4.83E-03	1.90E-04	0.00E+00	1.47E-06	1.57E-06	1.93E-04	2.42E-04	4.46E-03	1.10E-04	5.74E-05	4.87E-03

1354	493927.33, 3860352.55	0.05177	0.14764	0.01731	0.01806	2.09E-04	4.40E-03	1.10E-04	5.70E-05	4.78E-03	1.90E-04	0.00E+00	1.47E-06	1.56E-06	1.93E-04	2.42E-04	4.40E-03	1.10E-04	5.70E-05	4.81E-03
1355	493977.33, 3860352.55	0.0518	0.14575	0.01727	0.01794	2.09E-04	4.35E-03	1.10E-04	5.66E-05	4.72E-03	1.90E-04	0.00E+00	1.47E-06	1.54E-06	1.93E-04	2.42E-04	4.35E-03	1.10E-04	5.66E-05	4.76E-03
1356	494027.33, 3860352.55	0.05173	0.14428	0.01732	0.01784	2.09E-04	4.30E-03	1.10E-04	5.63E-05	4.68E-03	1.90E-04	0.00E+00	1.47E-06	1.54E-06	1.93E-04	2.42E-04	4.30E-03	1.10E-04	5.63E-05	4.71E-03
1357	493677.33, 3860402.55	0.05055	0.15375	0.01615	0.01816	2.04E-04	4.59E-03	1.03E-04	5.73E-05	4.95E-03	1.86E-04	0.00E+00	1.37E-06	1.56E-06	1.89E-04	2.36E-04	4.59E-03	1.03E-04	5.73E-05	4.98E-03
1358	493727.33, 3860402.55	0.05056	0.15224	0.01623	0.01806	2.04E-04	4.54E-03	1.04E-04	5.70E-05	4.91E-03	1.86E-04	0.00E+00	1.38E-06	1.56E-06	1.89E-04	2.36E-04	4.54E-03	1.04E-04	5.70E-05	4.94E-03
1359	493777.33, 3860402.55	0.0507	0.15042	0.01646	0.01792	2.05E-04	4.49E-03	1.05E-04	5.66E-05	4.85E-03	1.86E-04	0.00E+00	1.40E-06	1.54E-06	1.89E-04	2.37E-04	4.49E-03	1.05E-04	5.66E-05	4.89E-03
1360	493827.33, 3860402.55	0.05065	0.14907	0.01649	0.01785	2.05E-04	4.45E-03	1.05E-04	5.64E-05	4.81E-03	1.86E-04	0.00E+00	1.40E-06	1.54E-06	1.89E-04	2.37E-04	4.45E-03	1.05E-04	5.64E-05	4.85E-03
1361	493877.33, 3860402.55	0.05063	0.14761	0.01657	0.01775	2.05E-04	4.40E-03	1.06E-04	5.60E-05	4.77E-03	1.86E-04	0.00E+00	1.41E-06	1.53E-06	1.89E-04	2.37E-04	4.40E-03	1.06E-04	5.60E-05	4.80E-03
1362	493927.33, 3860402.55	0.05071	0.14587	0.01677	0.01762	2.05E-04	4.35E-03	1.07E-04	5.56E-05	4.72E-03	1.86E-04	0.00E+00	1.43E-06	1.52E-06	1.89E-04	2.37E-04	4.35E-03	1.07E-04	5.56E-05	4.75E-03
1363	493977.33, 3860402.55	0.0508	0.14398	0.01682	0.01749	2.05E-04	4.30E-03	1.07E-04	5.52E-05	4.66E-03	1.87E-04	0.00E+00	1.43E-06	1.51E-06	1.90E-04	2.38E-04	4.30E-03	1.07E-04	5.52E-05	4.70E-03
1364	494027.33, 3860402.55	0.05073	0.14267	0.0169	0.0174	2.05E-04	4.26E-03	1.08E-04	5.49E-05	4.62E-03	1.87E-04	0.00E+00	1.44E-06	1.50E-06	1.89E-04	2.37E-04	4.26E-03	1.08E-04	5.49E-05	4.66E-03
1365	493677.33, 3860452.55	0.04935	0.15142	0.01545	0.01768	1.99E-04	4.52E-03	9.85E-05	5.58E-05	4.87E-03	1.81E-04	0.00E+00	1.31E-06	1.52E-06	1.84E-04	2.31E-04	4.52E-03	9.85E-05	5.58E-05	4.90E-03
1366	493727.33, 3860452.55	0.04931	0.1501	0.01546	0.01763	1.99E-04	4.48E-03	9.86E-05	5.57E-05	4.83E-03	1.81E-04	0.00E+00	1.31E-06	1.52E-06	1.84E-04	2.31E-04	4.48E-03	9.86E-05	5.57E-05	4.86E-03
1367	493777.33, 3860452.55	0.04936	0.14861	0.01555	0.01754	2.00E-04	4.43E-03	9.92E-05	5.54E-05	4.79E-03	1.81E-04	0.00E+00	1.32E-06	1.51E-06	1.84E-04	2.31E-04	4.43E-03	9.92E-05	5.54E-05	4.82E-03
1368	493827.33, 3860452.55	0.04948	0.14701	0.01573	0.01741	2.00E-04	4.39E-03	1.00E-04	5.50E-05	4.74E-03	1.82E-04	0.00E+00	1.34E-06	1.50E-06	1.85E-04	2.31E-04	4.39E-03	1.00E-04	5.50E-05	4.77E-03
1369	493877.33, 3860452.55	0.04955	0.14547	0.01588	0.0173	2.00E-04	4.34E-03	1.01E-04	5.46E-05	4.70E-03	1.82E-04	0.00E+00	1.35E-06	1.49E-06	1.85E-04	2.32E-04	4.34E-03	1.01E-04	5.46E-05	4.73E-03
1370	493927.33, 3860452.55	0.04971	0.14371	0.01614	0.01716	2.01E-04	4.29E-03	1.03E-04	5.42E-05	4.65E-03	1.83E-04	0.00E+00	1.37E-06	1.48E-06	1.86E-04	2.32E-04	4.29E-03	1.03E-04	5.42E-05	4.68E-03
1371	493977.33, 3860452.55	0.0497	0.14231	0.01624	0.01707	2.01E-04	4.25E-03	1.04E-04	5.39E-05	4.60E-03	1.83E-04	0.00E+00	1.38E-06	1.47E-06	1.86E-04	2.32E-04	4.25E-03	1.04E-04	5.39E-05	4.64E-03
1372	494027.33, 3860452.55	0.04968	0.14095	0.01633	0.01698	2.01E-04	4.21E-03	1.04E-04	5.36E-05	4.56E-03	1.83E-04	0.00E+00	1.39E-06	1.46E-06	1.85E-04	2.32E-04	4.21E-03	1.04E-04	5.36E-05	4.60E-03
1373	493677.33, 3860502.55	0.0481	0.14907	0.01477	0.01721	1.94E-04	4.45E-03	9.42E-05	5.43E-05	4.79E-03	1.77E-04	0.00E+00	1.26E-06	1.48E-06	1.80E-04	2.25E-04	4.45E-03	9.42E-05	5.43E-05	4.82E-03
1374	493727.33, 3860502.55	0.04812	0.14771	0.01481	0.01716	1.95E-04	4.41E-03	9.45E-05	5.42E-05	4.75E-03	1.77E-04	0.00E+00	1.26E-06	1.48E-06	1.80E-04	2.25E-04	4.41E-03	9.45E-05	5.42E-05	4.78E-03
1375	493777.33, 3860502.55	0.0482	0.14627	0.0149	0.01708	1.95E-04	4.36E-03	9.50E-05	5.39E-05	4.71E-03	1.77E-04	0.00E+00	1.27E-06	1.47E-06	1.80E-04	2.25E-04	4.36E-03	9.50E-05	5.39E-05	4.74E-03
1376	493827.33, 3860502.55	0.04828	0.14484	0.01501	0.01699	1.95E-04	4.32E-03	9.57E-05	5.36E-05	4.67E-03	1.78E-04	0.00E+00	1.28E-06	1.46E-06	1.80E-04	2.26E-04	4.32E-03	9.57E-05	5.36E-05	4.70E-03
1377	493877.33, 3860502.55	0.04841	0.14334	0.01518	0.01688	1.96E-04	4.28E-03	9.68E-05	5.33E-05	4.62E-03	1.78E-04	0.00E+00	1.29E-06	1.45E-06	1.81E-04	2.26E-04	4.28E-03	9.68E-05	5.33E-05	4.65E-03
1378	493927.33, 3860502.55	0.04856	0.14177	0.01538	0.01675	1.96E-04	4.23E-03	9.81E-05	5.29E-05	4.58E-03	1.79E-04	0.00E+00	1.31E-06	1.44E-06	1.81E-04	2.27E-04	4.23E-03	9.81E-05	5.29E-05	4.61E-03
1379	493977.33, 3860502.55	0.04857	0.14046	0.01546	0.01667	1.96E-04	4.19E-03	9.86E-05	5.26E-05	4.54E-03	1.79E-04	0.00E+00	1.31E-06	1.44E-06	1.81E-04	2.27E-04	4.19E-03	9.86E-05	5.26E-05	4.57E-03
1380	494027.33, 3860502.55	0.04859	0.1391	0.01557	0.01659	1.96E-04	4.15E-03	9.93E-05	5.24E-05	4.50E-03	1.79E-04	0.00E+00	1.32E-06	1.43E-06	1.81E-04	2.27E-04	4.15E-03	9.93E-05	5.24E-05	4.53E-03
1381	493627.33, 3860552.55	0.0467	0.14808	0.01405	0.01683	1.89E-04	4.42E-03	8.96E-05	5.31E-05	4.75E-03	1.72E-04	0.00E+00	1.19E-06	1.45E-06	1.74E-04	2.18E-04	4.42E-03	8.96E-05	5.31E-05	4.78E-03
1382	493677.33, 3860552.55	0.04677	0.1468	0.01409	0.01678	1.89E-04	4.38E-03	8.99E-05	5.30E-05	4.71E-03	1.72E-04	0.00E+00	1.20E-06	1.44E-06	1.75E-04	2.19E-04	4.38E-03	8.99E-05	5.30E-05	4.74E-03
1383	493727.33, 3860552.55	0.04683	0.1454	0.01414	0.01673	1.89E-04	4.34E-03	9.02E-05	5.28E-05	4.67E-03	1.72E-04	0.00E+00	1.20E-06	1.44E-06	1.75E-04	2.19E-04	4.34E-03	9.02E-05	5.28E-05	4.70E-03
1384	493777.33, 3860552.55	0.04697	0.14399	0.01425	0.01664	1.90E-04	4.30E-03	9.09E-05	5.25E-05	4.63E-03	1.73E-04	0.00E+00	1.21E-06	1.43E-06	1.75E-04	2.20E-04	4.30E-03	9.09E-05	5.25E-05	4.66E-03
1385	493827.33, 3860552.55	0.04715	0.14248	0.0144	0.01653	1.91E-04	4.25E-03	9.19E-05	5.22E-05	4.59E-03	1.73E-04	0.00E+00	1.22E-06	1.42E-06	1.76E-04	2.21E-04	4.25E-03	9.19E-05	5.22E-05	4.62E-03
1386	493877.33, 3860552.55	0.0472	0.14116	0.01448	0.01647	1.91E-04	4.21E-03	9.24E-05	5.20E-05	4.55E-03	1.74E-04	0.00E+00	1.23E-06	1.42E-06	1.76E-04	2.21E-04	4.21E-03	9.24E-05	5.20E-05	4.58E-03
1387	493927.33, 3860552.55	0.04734	0.13976	0.01463	0.01636	1.91E-04	4.17E-03	9.33E-05	5.17E-05	4.51E-03	1.74E-04	0.00E+00	1.24E-06	1.41E-06	1.77E-04	2.21E-04	4.17E-03	9.33E-05	5.17E-05	4.54E-03
1388	493977.33, 3860552.55	0.04748	0.13835	0.0148	0.01626	1.92E-04	4.13E-03	9.44E-05	5.13E-05	4.47E-03	1.75E-04	0.00E+00	1.26E-06	1.40E-06	1.77E-04	2.22E-04	4.13E-03	9.44E-05	5.13E-05	4.50E-03
1389	494027.33, 3860552.55	0.0475	0.13708	0.01488	0.01619	1.92E-04	4.09E-03	9.49E-05	5.11E-05	4.43E-03	1.75E-04	0.00E+00	1.27E-06	1.39E-06	1.77E-04	2.22E-04	4.09E-03	9.49E-05	5.11E-05	4.46E-03
1390	493627.33, 3860602.55	0.04542	0.14561	0.01349	0.01637	1.84E-04	4.34E-03	8.60E-05	5.17E-05	4.67E-03	1.67E-04	0.00E+00	1.15E-06	1.41E-06	1.70E-04	2.12E-04	4.34E-03	8.60E-05	5.17E-05	4.69E-03
1391	493727.33, 3860602.55	0.04551	0.14292	0.01351	0.01632	1.84E-04	4.26E-03	8.62E-05	5.15E-05	4.59E-03	1.67E-04	0.00E+00	1.15E-06	1.41E-06	1.70E-04	2.13E-04	4.26E-03	8.62E-05	5.15E-05	4.61E-03
1392	493777.33, 3860602.55	0.04576	0.14154	0.01367	0.0162	1.85E-04	4.22E-03	8.72E-05	5.11E-05	4.55E-03	1.68E-04	0.00E+00	1.16E-06	1.39E-06	1.71E-04	2.14E-04	4.22E-03	8.72E-05	5.11E-05	4.57E-03
1393	493827.33, 3860602.55	0.04589	0.14021	0.01376	0.01613	1.85E-04	4.18E-03	8.78E-05	5.09E-05	4.51E-03	1.69E-04	0.00E+00	1.17E-06	1.39E-06	1.71E-04	2.15E-04	4.18E-03	8.78E-05	5.09E-05	4.54E-03
1394	493877.33, 3860602.55	0.04609	0.13887	0.01391	0.01602	1.86E-04	4.14E-03	8.87E-05	5.06E-05	4.47E-03	1.69E-04	0.00E+00	1.18E-06	1.38E-06	1.72E-04	2.16E-04	4.14E-03	8.87E-05	5.06E-05	4.50E-03
1395	493927.33, 3860602.55	0.04622	0.13757	0.01403	0.01594	1.87E-04	4.10E-03	8.95E-05	5.03E-05	4.43E-03	1.70E-04	0.00E+00	1.19E-06	1.37E-06	1.72E-04	2.16E-04	4.10E-03	8.95E-05	5.03E-05	4.46E-03
1396	493977.33, 3860602.55	0.04635	0.13619	0.01416	0.01585	1.87E-04	4.06E-03	9.03E-05	5.00E-05	4.39E-03	1.70E-04	0.00E+00	1.20E-06	1.36E-06	1.73E-04	2.17E-04	4.06E-03	9.03E-05	5.00E-05	4.42E-03
1397	494027.33, 3860602.55	0.04637	0.13507	0.01422	0.0158	1.87E-04	4.03E-03	9.07E-05	4.99E-05	4.36E-03	1.70E-04	0.00E+00	1.21E-06	1.36E-06	1.73E-04	2.17E-04	4.03E-03	9.07E-05	4.99E-05	4.39E-03
1398	493627.33, 3860652.55	0.0441	0.14301	0.01296	0.01593	1.78E-04	4.27E-03	8.27E-05	5.03E-05	4.58E-03	1.62E-04	0.00E+00	1.10E-06	1.37E-06	1.65E-04	2.06E-04	4.27E-03	8.27E-05	5.03E-05	4.61E-03
1399	493727.33, 3860652.55	0.04425	0.14037	0.01299	0.01582	1.79E-04	4.19E-03	8.29E-05	4.99E-05	4.50E-03	1.63E-04	0.00E+00	1.10E-06	1.36E-06	1.65E-04	2.07E-04	4.19E-03	8.29E-05	4.99E-05	4.53E-03
1400	493777.33, 3860652.55	0.04448	0.13907	0.0131	0.01577	1.80E-04	4.15E-03	8.36E-05	4.98E-05	4.46E-03	1.64E-04	0.00E+00	1.11E-06	1.36E-06	1.66E-04	2.08E-04	4.15E-03	8.36E-05	4.98E-05	4.49E-03
1401	493827.33, 3860652.55	0.04469	0.13778	0.01321	0.0157	1.81E-04	4.11E-03	8.43E-05	4.96E-05	4.42E-03	1.64E-04	0.00E+00	1.12E-06	1.35E-06	1.67E-04	2.09E-04	4.11E-03	8.43E-05	4.96E-05	4.45E-03
1402	493877.33, 3860652.55	0.04492	0.13649	0.01335	0.0156	1.82E-04	4.07E-03	8.52E-05	4.93E-05	4.39E-03	1.65E-04	0.00E+00	1.14E-06	1.34E-06	1.68E-04	2.10E-04	4.07E-03	8.52E-05	4.93E-05	4.42E-03
1403	493927.33, 3860652.55	0.04506	0.13525	0.01345	0.01552	1.82E-04	4.03E-03	8.58E-05	4.90E-05	4.35E-03	1.66E-04	0.00E+00	1.14E-06	1.34E-06	1.68E-04	2.11E-04	4.03E-03	8.58E-05	4.90E-05	4.38E-03
1404	493977.33, 3860652.55	0.04518	0.13403	0.01355	0.01546	1.83E-04	4.00E-03	8.64E-05	4.88E-05	4.32E-03	1.66E-04	0.00E+00	1.15E-06	1.33E-06	1.69E-04	2.11E-04	4.00E-03	8.64E-05	4.88E-05	4.35E-03
1405	494027.33, 3860652.55	0.04534	0.1328	0.01369	0.01536	1.83E-04	3.96E-03	8.73E-05	4.85E-05	4.28E-03	1.67E-04	0.00E+00	1.16E-06	1.32E-06	1.69E-04	2.12E-04	3.96E-03	8.73E-05	4.85E-05	4.31E-03
1406	494311.06, 3858401.99	0.06133	0.06938	0.05069	0.02491	2.48E-04	2.07E-03	3.23E-04	7.87E-05	2.72E-03	2.25E-04	0.00E+00	4.31E-06	2.15E-06	2.32E-04	2.87E-04	2.07E-03	3.23E-04	7.87E-05	2.76E-03
1407	494361.06, 3858401.99	0.06028	0.06825	0.04993	0.02469	2.44E-04	2.04E-03	3.18E-04	7.80E-05	2.68E-03	2.22E-04	0.00E+00	4.25E-06	2.13E-06	2.28E-04	2.82E-04	2.04E-03	3.18E-04	7.80E-05	2.71E-03
1408	494411.06, 3858401.99	0.05961	0.06744	0.04938	0.02451	2.41E-04	2.01E-03	3.15E-04	7.74E-05	2.65E-03	2.19E-04	0.00E+00	4.20E-06	2.11E-06	2.25E-04	2.79E-04	2.01E-03	3.15E-04	7.74E-05	2.68E-03
1409	494461.06, 3858401.99	0.05936	0.06698	0.04903	0.02437	2.40E-04	2.00E-03	3.13E-04	7.69E-05	2.63E-03	2.18E-04	0.00E+00	4.17E-06	2.10E-06	2.25E-04	2.78E-04	2.00E-03	3.13E-04	7.69E-05	2.67E-03
1410	494511.06, 3858401.99	0.05862	0.06613	0.04847	0.02419	2.37E-04	1.97E-03	3.09E-04	7.64E-05	2.60E-03	2.16E-04	0.00E+00	4.12E-06	2.08E-06	2.22E-04	2.74E-04	1.97E-03	3.09E-04	7.64E-05	2.63E-03
1411	494561.06, 3858401.99	0.05833	0.06565	0.04811	0.02405	2.36E-04	1.96E-03	3.07E-04	7.59E-05	2.58E-03	2.14E-04	0.00E+00	4.09E-06	2.07E-06	2.21E-04	2.73E-04	1.96E-03	3.07E-04	7.59E-05	2.61E-03
1412	494611.06, 3858401.99	0.05758	0.06479	0.04752	0.02387	2.33E-04	1.93E-03	3.03E-04	7.54E-05	2.54E-03	2.12E-04	0.00E+00	4.04E-06	2.06E-06	2.18E-04	2.69E-04	1.93E-03	3.03E-04	7.54E-05	2.58E-03

1413	494661.06, 3858401.99	0.0569	0.06406	0.04702	0.02371	2.30E-04	1.91E-03	3.00E-04	7.49E-05	2.52E-03	2.09E-04	0.00E+00	4.00E-06	2.04E-06	2.15E-04	2.66E-04	1.91E-03	3.00E-04	7.49E-05	2.55E-03
1414	494711.06, 3858401.99	0.05591	0.06301	0.04633	0.02351	2.26E-04	1.88E-03	2.96E-04	7.42E-05	2.48E-03	2.06E-04	0.00E+00	3.94E-06	2.02E-06	2.12E-04	2.61E-04	1.88E-03	2.96E-04	7.42E-05	2.51E-03
1415	494761.06, 3858401.99	0.05545	0.06239	0.04593	0.02336	2.24E-04	1.86E-03	2.93E-04	7.38E-05	2.45E-03	2.04E-04	0.00E+00	3.91E-06	2.01E-06	2.10E-04	2.59E-04	1.86E-03	2.93E-04	7.38E-05	2.49E-03
1416	494811.06, 3858401.99	0.05473	0.06157	0.04543	0.02318	2.21E-04	1.84E-03	2.90E-04	7.32E-05	2.42E-03	2.01E-04	0.00E+00	3.86E-06	2.00E-06	2.07E-04	2.56E-04	1.84E-03	2.90E-04	7.32E-05	2.46E-03
1417	494861.06, 3858401.99	0.05409	0.06083	0.04497	0.02302	2.19E-04	1.81E-03	2.87E-04	7.27E-05	2.39E-03	1.99E-04	0.00E+00	3.82E-06	1.98E-06	2.05E-04	2.53E-04	1.81E-03	2.87E-04	7.27E-05	2.43E-03
1418	494911.06, 3858401.99	0.05347	0.06014	0.04453	0.02286	2.16E-04	1.79E-03	2.84E-04	7.22E-05	2.37E-03	1.97E-04	0.00E+00	3.79E-06	1.97E-06	2.02E-04	2.50E-04	1.79E-03	2.84E-04	7.22E-05	2.40E-03
1419	494961.06, 3858401.99	0.05281	0.05936	0.04409	0.0227	2.13E-04	1.77E-03	2.81E-04	7.17E-05	2.34E-03	1.94E-04	0.00E+00	3.75E-06	1.95E-06	2.00E-04	2.47E-04	1.77E-03	2.81E-04	7.17E-05	2.37E-03
1420	495011.06, 3858401.99	0.05193	0.05844	0.04347	0.0225	2.10E-04	1.74E-03	2.77E-04	7.10E-05	2.30E-03	1.91E-04	0.00E+00	3.70E-06	1.94E-06	1.97E-04	2.43E-04	1.74E-03	2.77E-04	7.10E-05	2.33E-03
1421	495061.06, 3858401.99	0.05127	0.0577	0.04293	0.02233	2.07E-04	1.72E-03	2.74E-04	7.05E-05	2.27E-03	1.88E-04	0.00E+00	3.65E-06	1.92E-06	1.94E-04	2.40E-04	1.72E-03	2.74E-04	7.05E-05	2.31E-03
1422	495111.06, 3858401.99	0.04994	0.0564	0.04228	0.02208	2.02E-04	1.68E-03	2.70E-04	6.97E-05	2.22E-03	1.84E-04	0.00E+00	3.60E-06	1.90E-06	1.89E-04	2.34E-04	1.68E-03	2.70E-04	6.97E-05	2.26E-03
1423	495161.06, 3858401.99	0.04978	0.05607	0.04203	0.02197	2.01E-04	1.67E-03	2.68E-04	6.94E-05	2.21E-03	1.83E-04	0.00E+00	3.57E-06	1.89E-06	1.88E-04	2.33E-04	1.67E-03	2.68E-04	6.94E-05	2.24E-03
1424	495211.06, 3858401.99	0.0486	0.05495	0.04145	0.02177	1.96E-04	1.64E-03	2.64E-04	6.87E-05	2.17E-03	1.79E-04	0.00E+00	3.53E-06	1.87E-06	1.84E-04	2.27E-04	1.64E-03	2.64E-04	6.87E-05	2.20E-03
1425	495261.06, 3858401.99	0.04803	0.05428	0.04105	0.02162	1.94E-04	1.62E-03	2.62E-04	6.83E-05	2.14E-03	1.77E-04	0.00E+00	3.49E-06	1.86E-06	1.82E-04	2.25E-04	1.62E-03	2.62E-04	6.83E-05	2.17E-03
1426	495311.06, 3858401.99	0.04742	0.05359	0.04064	0.02146	1.92E-04	1.60E-03	2.59E-04	6.78E-05	2.12E-03	1.74E-04	0.00E+00	3.46E-06	1.85E-06	1.80E-04	2.22E-04	1.60E-03	2.59E-04	6.78E-05	2.15E-03
1427	495361.06, 3858401.99	0.04702	0.05309	0.04032	0.02133	1.90E-04	1.58E-03	2.57E-04	6.73E-05	2.10E-03	1.73E-04	0.00E+00	3.43E-06	1.84E-06	1.78E-04	2.20E-04	1.58E-03	2.57E-04	6.73E-05	2.13E-03
1428	495411.06, 3858401.99	0.04685	0.05276	0.04009	0.02122	1.89E-04	1.57E-03	2.56E-04	6.70E-05	2.09E-03	1.72E-04	0.00E+00	3.41E-06	1.83E-06	1.77E-04	2.19E-04	1.57E-03	2.56E-04	6.70E-05	2.12E-03
1429	495461.06, 3858401.99	0.04675	0.0525	0.03988	0.02112	1.89E-04	1.57E-03	2.54E-04	6.67E-05	2.08E-03	1.72E-04	0.00E+00	3.39E-06	1.82E-06	1.77E-04	2.19E-04	1.57E-03	2.54E-04	6.67E-05	2.11E-03
1430	495511.06, 3858401.99	0.04658	0.05218	0.03965	0.02102	1.88E-04	1.56E-03	2.53E-04	6.64E-05	2.06E-03	1.71E-04	0.00E+00	3.37E-06	1.81E-06	1.76E-04	2.18E-04	1.56E-03	2.53E-04	6.64E-05	2.09E-03
1431	495561.06, 3858401.99	0.04619	0.0516	0.03946	0.02092	1.87E-04	1.54E-03	2.52E-04	6.61E-05	2.04E-03	1.70E-04	0.00E+00	3.36E-06	1.80E-06	1.75E-04	2.16E-04	1.54E-03	2.52E-04	6.61E-05	2.07E-03
1432	495611.06, 3858401.99	0.04607	0.05133	0.03925	0.02082	1.86E-04	1.53E-03	2.50E-04	6.57E-05	2.03E-03	1.69E-04	0.00E+00	3.34E-06	1.79E-06	1.75E-04	2.15E-04	1.53E-03	2.50E-04	6.57E-05	2.06E-03
1433	495661.06, 3858401.99	0.04624	0.05138	0.03904	0.02073	1.87E-04	1.53E-03	2.49E-04	6.55E-05	2.03E-03	1.70E-04	0.00E+00	3.32E-06	1.79E-06	1.75E-04	2.16E-04	1.53E-03	2.49E-04	6.55E-05	2.06E-03
1434	494311.06, 3858451.99	0.06242	0.07181	0.05077	0.02516	2.52E-04	2.14E-03	3.24E-04	7.94E-05	2.80E-03	2.29E-04	0.00E+00	4.32E-06	2.17E-06	2.36E-04	2.92E-04	2.14E-03	3.24E-04	7.94E-05	2.84E-03
1435	494361.06, 3858451.99	0.06159	0.07083	0.04995	0.02496	2.49E-04	2.11E-03	3.19E-04	7.88E-05	2.76E-03	2.26E-04	0.00E+00	4.25E-06	2.15E-06	2.33E-04	2.88E-04	2.11E-03	3.19E-04	7.88E-05	2.80E-03
1436	494411.06, 3858451.99	0.06092	0.06998	0.04935	0.02477	2.46E-04	2.09E-03	3.15E-04	7.82E-05	2.73E-03	2.24E-04	0.00E+00	4.20E-06	2.13E-06	2.30E-04	2.85E-04	2.09E-03	3.15E-04	7.82E-05	2.77E-03
1437	494461.06, 3858451.99	0.06034	0.06922	0.04881	0.02459	2.44E-04	2.07E-03	3.11E-04	7.76E-05	2.70E-03	2.22E-04	0.00E+00	4.15E-06	2.12E-06	2.28E-04	2.82E-04	2.07E-03	3.11E-04	7.76E-05	2.74E-03
1438	494511.06, 3858451.99	0.06004	0.0687	0.04844	0.02445	2.43E-04	2.05E-03	3.09E-04	7.72E-05	2.68E-03	2.21E-04	0.00E+00	4.12E-06	2.11E-06	2.27E-04	2.81E-04	2.05E-03	3.09E-04	7.72E-05	2.72E-03
1439	494561.06, 3858451.99	0.05925	0.06776	0.04782	0.02425	2.40E-04	2.02E-03	3.05E-04	7.66E-05	2.64E-03	2.18E-04	0.00E+00	4.07E-06	2.09E-06	2.24E-04	2.77E-04	2.02E-03	3.05E-04	7.66E-05	2.68E-03
1440	494611.06, 3858451.99	0.05869	0.06703	0.0473	0.02408	2.37E-04	2.00E-03	3.02E-04	7.60E-05	2.61E-03	2.16E-04	0.00E+00	4.02E-06	2.07E-06	2.22E-04	2.74E-04	2.00E-03	3.02E-04	7.60E-05	2.65E-03
1441	494661.06, 3858451.99	0.05808	0.06627	0.04681	0.02391	2.35E-04	1.98E-03	2.99E-04	7.55E-05	2.59E-03	2.14E-04	0.00E+00	3.98E-06	2.06E-06	2.20E-04	2.72E-04	1.98E-03	2.99E-04	7.55E-05	2.62E-03
1442	494711.06, 3858451.99	0.05725	0.06531	0.04622	0.02371	2.31E-04	1.95E-03	2.95E-04	7.49E-05	2.55E-03	2.10E-04	0.00E+00	3.93E-06	2.04E-06	2.16E-04	2.68E-04	1.95E-03	2.95E-04	7.49E-05	2.59E-03
1443	494761.06, 3858451.99	0.0564	0.06436	0.04566	0.02352	2.28E-04	1.92E-03	2.91E-04	7.43E-05	2.51E-03	2.07E-04	0.00E+00	3.88E-06	2.03E-06	2.13E-04	2.64E-04	1.92E-03	2.91E-04	7.43E-05	2.55E-03
1444	494811.06, 3858451.99	0.05575	0.06358	0.04514	0.02335	2.25E-04	1.90E-03	2.88E-04	7.37E-05	2.48E-03	2.05E-04	0.00E+00	3.84E-06	2.01E-06	2.11E-04	2.61E-04	1.90E-03	2.88E-04	7.37E-05	2.52E-03
1445	494861.06, 3858451.99	0.05493	0.06272	0.04456	0.02317	2.22E-04	1.87E-03	2.84E-04	7.32E-05	2.45E-03	2.02E-04	0.00E+00	3.79E-06	2.00E-06	2.08E-04	2.57E-04	1.87E-03	2.84E-04	7.32E-05	2.49E-03
1446	494911.06, 3858451.99	0.05403	0.0616	0.04413	0.02301	2.18E-04	1.84E-03	2.81E-04	7.27E-05	2.41E-03	1.99E-04	0.00E+00	3.75E-06	1.98E-06	2.04E-04	2.53E-04	1.84E-03	2.81E-04	7.27E-05	2.44E-03
1447	494961.06, 3858451.99	0.05319	0.06078	0.04346	0.02278	2.15E-04	1.81E-03	2.77E-04	7.19E-05	2.38E-03	1.96E-04	0.00E+00	3.70E-06	1.96E-06	2.01E-04	2.49E-04	1.81E-03	2.77E-04	7.19E-05	2.41E-03
1448	495011.06, 3858451.99	0.05225	0.05978	0.04291	0.02258	2.11E-04	1.78E-03	2.74E-04	7.13E-05	2.34E-03	1.92E-04	0.00E+00	3.65E-06	1.94E-06	1.98E-04	2.44E-04	1.78E-03	2.74E-04	7.13E-05	2.37E-03
1449	495061.06, 3858451.99	0.05187	0.05925	0.04258	0.02245	2.10E-04	1.77E-03	2.72E-04	7.09E-05	2.32E-03	1.91E-04	0.00E+00	3.62E-06	1.93E-06	1.96E-04	2.43E-04	1.77E-03	2.72E-04	7.09E-05	2.35E-03
1450	495111.06, 3858451.99	0.05097	0.05829	0.04201	0.02225	2.06E-04	1.74E-03	2.68E-04	7.03E-05	2.28E-03	1.87E-04	0.00E+00	3.57E-06	1.92E-06	1.93E-04	2.38E-04	1.74E-03	2.68E-04	7.03E-05	2.32E-03
1451	495161.06, 3858451.99	0.04995	0.05723	0.04132	0.02204	2.02E-04	1.71E-03	2.64E-04	6.96E-05	2.24E-03	1.84E-04	0.00E+00	3.51E-06	1.90E-06	1.89E-04	2.34E-04	1.71E-03	2.64E-04	6.96E-05	2.27E-03
1452	495211.06, 3858451.99	0.04904	0.05625	0.04083	0.02182	1.98E-04	1.68E-03	2.60E-04	6.89E-05	2.21E-03	1.80E-04	0.00E+00	3.47E-06	1.88E-06	1.86E-04	2.29E-04	1.68E-03	2.60E-04	6.89E-05	2.24E-03
1453	495261.06, 3858451.99	0.04848	0.05557	0.04047	0.02168	1.96E-04	1.66E-03	2.58E-04	6.85E-05	2.18E-03	1.78E-04	0.00E+00	3.44E-06	1.87E-06	1.84E-04	2.27E-04	1.66E-03	2.58E-04	6.85E-05	2.21E-03
1454	495311.06, 3858451.99	0.04804	0.055	0.04014	0.02154	1.94E-04	1.64E-03	2.56E-04	6.80E-05	2.16E-03	1.77E-04	0.00E+00	3.41E-06	1.85E-06	1.82E-04	2.25E-04	1.64E-03	2.56E-04	6.80E-05	2.19E-03
1455	495361.06, 3858451.99	0.04763	0.05451	0.03985	0.02141	1.93E-04	1.63E-03	2.54E-04	6.76E-05	2.14E-03	1.75E-04	0.00E+00	3.39E-06	1.84E-06	1.80E-04	2.23E-04	1.63E-03	2.54E-04	6.76E-05	2.17E-03
1456	495411.06, 3858451.99	0.04751	0.05422	0.03964	0.0213	1.92E-04	1.62E-03	2.53E-04	6.73E-05	2.13E-03	1.75E-04	0.00E+00	3.37E-06	1.83E-06	1.80E-04	2.22E-04	1.62E-03	2.53E-04	6.73E-05	2.16E-03
1457	495461.06, 3858451.99	0.04744	0.05397	0.03945	0.02121	1.92E-04	1.61E-03	2.52E-04	6.70E-05	2.12E-03	1.74E-04	0.00E+00	3.36E-06	1.83E-06	1.80E-04	2.22E-04	1.61E-03	2.52E-04	6.70E-05	2.15E-03
1458	495511.06, 3858451.99	0.047	0.05341	0.03914	0.02107	1.90E-04	1.59E-03	2.50E-04	6.65E-05	2.10E-03	1.73E-04	0.00E+00	3.33E-06	1.81E-06	1.78E-04	2.20E-04	1.59E-03	2.50E-04	6.65E-05	2.13E-03
1459	495561.06, 3858451.99	0.04714	0.05334	0.03902	0.021	1.91E-04	1.59E-03	2.49E-04	6.63E-05	2.10E-03	1.73E-04	0.00E+00	3.32E-06	1.81E-06	1.78E-04	2.20E-04	1.59E-03	2.49E-04	6.63E-05	2.13E-03
1460	495611.06, 3858451.99	0.04658	0.05268	0.03867	0.02085	1.88E-04	1.57E-03	2.47E-04	6.58E-05	2.07E-03	1.71E-04	0.00E+00	3.29E-06	1.80E-06	1.76E-04	2.18E-04	1.57E-03	2.47E-04	6.58E-05	2.10E-03
1461	495661.06, 3858451.99	0.04658	0.05251	0.03851	0.02076	1.88E-04	1.57E-03	2.46E-04	6.55E-05	2.07E-03	1.71E-04	0.00E+00	3.28E-06	1.79E-06	1.76E-04	2.18E-04	1.57E-03	2.46E-04	6.55E-05	2.10E-03
1462	494311.06, 3858501.99	0.06232	0.07329	0.05023	0.02529	2.52E-04	2.19E-03	3.20E-04	7.98E-05	2.84E-03	2.29E-04	0.00E+00	4.27E-06	2.18E-06	2.36E-04	2.91E-04	2.19E-03	3.20E-04	7.98E-05	2.88E-03
1463	494361.06, 3858501.99	0.06183	0.07256	0.04975	0.02512	2.50E-04	2.16E-03	3.17E-04	7.93E-05	2.81E-03	2.27E-04	0.00E+00	4.23E-06	2.16E-06	2.34E-04	2.89E-04	2.16E-03	3.17E-04	7.93E-05	2.85E-03
1464	494411.06, 3858501.99	0.06124	0.07173	0.0492	0.02493	2.48E-04	2.14E-03	3.14E-04	7.87E-05	2.78E-03	2.25E-04	0.00E+00	4.18E-06	2.15E-06	2.31E-04	2.86E-04	2.14E-03	3.14E-04	7.87E-05	2.82E-03
1465	494461.06, 3858501.99	0.06091	0.07116	0.04874	0.02476	2.46E-04	2.12E-03	3.11E-04	7.82E-05	2.76E-03	2.24E-04	0.00E+00	4.15E-06	2.13E-06	2.30E-04	2.85E-04	2.12E-03	3.11E-04	7.82E-05	2.80E-03
1466	494511.06, 3858501.99	0.06006	0.07013	0.04797	0.02456	2.43E-04	2.09E-03	3.06E-04	7.75E-05	2.72E-03	2.21E-04	0.00E+00	4.08E-06	2.11E-06	2.27E-04	2.81E-04	2.09E-03	3.06E-04	7.75E-05	2.76E-03
1467	494561.06, 3858501.99	0.06025	0.07002	0.0479	0.02447	2.44E-04	2.09E-03	3.06E-04	7.73E-05	2.72E-03	2.22E-04	0.00E+00	4.07E-06	2.11E-06	2.28E-04	2.82E-04	2.09E-03	3.06E-04	7.73E-05	2.75E-03
1468	494611.06, 3858501.99	0.05953	0.06913	0.0472	0.02428	2.41E-04	2.06E-03	3.01E-04	7.67E-05	2.68E-03	2.19E-04	0.00E+00	4.01E-06	2.09E-06	2.25E-04	2.78E-04	2.06E-03	3.01E-04	7.67E-05	2.72E-03
1469	494661.06, 3858501.99	0.05911	0.06849	0.04675	0.02411	2.39E-04	2.04E-03	2.98E-04	7.61E-05	2.66E-03	2.17E-04	0.00E+00	3.98E-06	2.08E-06	2.23E-04	2.76E-04	2.04E-03	2.98E-04	7.61E-05	2.69E-03
1470	494711.06, 3858501.99	0.05825	0.06749	0.04613	0.02391	2.35E-04	2.01E-03	2.94E-04	7.55E-05	2.62E-03	2.14E-04	0.00E+00	3.92E-06	2.06E-06	2.20E-04	2.72E-04	2.01E-03	2.94E-04	7.55E-05	2.66E-03
1471	494761.06, 3858501.99	0.05727	0.06637	0.04541	0.02368	2.31E-04	1.98E-03	2.90E-04	7.48E-05	2.58E-03	2.11E-04	0.00E+00	3.86E-06	2.04E-06	2.16E-04	2.68E-04	1.98E-03	2.90E-04	7.48E-05	2.61E-03

1472	494811.06, 3858501.99	0.05637	0.06533	0.04477	0.02348	2.28E-04	1.95E-03	2.86E-04	7.41E-05	2.54E-03	2.07E-04	0.00E+00	3.81E-06	2.02E-06	2.13E-04	2.64E-04	1.95E-03	2.86E-04	7.41E-05	2.57E-03
1473	494861.06, 3858501.99	0.05578	0.06458	0.04432	0.02331	2.25E-04	1.93E-03	2.83E-04	7.36E-05	2.51E-03	2.05E-04	0.00E+00	3.77E-06	2.01E-06	2.11E-04	2.61E-04	1.93E-03	2.83E-04	7.36E-05	2.54E-03
1474	494911.06, 3858501.99	0.05451	0.06326	0.04355	0.02306	2.20E-04	1.89E-03	2.78E-04	7.28E-05	2.46E-03	2.00E-04	0.00E+00	3.70E-06	1.99E-06	2.06E-04	2.55E-04	1.89E-03	2.78E-04	7.28E-05	2.49E-03
1475	494961.06, 3858501.99	0.05386	0.06251	0.04307	0.0229	2.18E-04	1.86E-03	2.75E-04	7.23E-05	2.43E-03	1.98E-04	0.00E+00	3.66E-06	1.97E-06	2.04E-04	2.52E-04	1.86E-03	2.75E-04	7.23E-05	2.46E-03
1476	495011.06, 3858501.99	0.05279	0.06134	0.04242	0.02268	2.13E-04	1.83E-03	2.71E-04	7.16E-05	2.39E-03	1.94E-04	0.00E+00	3.61E-06	1.95E-06	2.00E-04	2.47E-04	1.83E-03	2.71E-04	7.16E-05	2.42E-03
1477	495061.06, 3858501.99	0.0524	0.06078	0.04209	0.02254	2.12E-04	1.81E-03	2.68E-04	7.12E-05	2.36E-03	1.93E-04	0.00E+00	3.58E-06	1.94E-06	1.98E-04	2.45E-04	1.81E-03	2.68E-04	7.12E-05	2.40E-03
1478	495111.06, 3858501.99	0.05106	0.0594	0.04138	0.02229	2.06E-04	1.77E-03	2.64E-04	7.04E-05	2.31E-03	1.88E-04	0.00E+00	3.52E-06	1.92E-06	1.93E-04	2.39E-04	1.77E-03	2.64E-04	7.04E-05	2.35E-03
1479	495161.06, 3858501.99	0.05024	0.05849	0.04088	0.02211	2.03E-04	1.74E-03	2.61E-04	6.98E-05	2.28E-03	1.85E-04	0.00E+00	3.48E-06	1.90E-06	1.90E-04	2.35E-04	1.74E-03	2.61E-04	6.98E-05	2.31E-03
1480	495211.06, 3858501.99	0.04944	0.0576	0.04033	0.02192	2.00E-04	1.72E-03	2.57E-04	6.92E-05	2.24E-03	1.82E-04	0.00E+00	3.43E-06	1.89E-06	1.87E-04	2.31E-04	1.72E-03	2.57E-04	6.92E-05	2.28E-03
1481	495261.06, 3858501.99	0.04891	0.05694	0.03989	0.02176	1.98E-04	1.70E-03	2.54E-04	6.87E-05	2.22E-03	1.80E-04	0.00E+00	3.39E-06	1.87E-06	1.85E-04	2.29E-04	1.70E-03	2.54E-04	6.87E-05	2.25E-03
1482	495311.06, 3858501.99	0.04863	0.05649	0.03963	0.02163	1.97E-04	1.69E-03	2.53E-04	6.83E-05	2.20E-03	1.79E-04	0.00E+00	3.37E-06	1.86E-06	1.84E-04	2.27E-04	1.69E-03	2.53E-04	6.83E-05	2.23E-03
1483	495361.06, 3858501.99	0.04838	0.05607	0.03938	0.0215	1.96E-04	1.67E-03	2.51E-04	6.79E-05	2.19E-03	1.78E-04	0.00E+00	3.35E-06	1.85E-06	1.83E-04	2.26E-04	1.67E-03	2.51E-04	6.79E-05	2.22E-03
1484	495411.06, 3858501.99	0.04824	0.05571	0.03917	0.02139	1.95E-04	1.66E-03	2.50E-04	6.75E-05	2.17E-03	1.77E-04	0.00E+00	3.33E-06	1.84E-06	1.83E-04	2.26E-04	1.66E-03	2.50E-04	6.75E-05	2.20E-03
1485	495461.06, 3858501.99	0.0481	0.05539	0.03896	0.02128	1.94E-04	1.65E-03	2.49E-04	6.72E-05	2.16E-03	1.77E-04	0.00E+00	3.31E-06	1.83E-06	1.82E-04	2.25E-04	1.65E-03	2.49E-04	6.72E-05	2.19E-03
1486	495511.06, 3858501.99	0.04785	0.05498	0.03872	0.02116	1.93E-04	1.64E-03	2.47E-04	6.68E-05	2.15E-03	1.76E-04	0.00E+00	3.29E-06	1.82E-06	1.81E-04	2.24E-04	1.64E-03	2.47E-04	6.68E-05	2.18E-03
1487	495561.06, 3858501.99	0.04796	0.0549	0.0386	0.02108	1.94E-04	1.64E-03	2.46E-04	6.66E-05	2.14E-03	1.76E-04	0.00E+00	3.28E-06	1.82E-06	1.81E-04	2.24E-04	1.64E-03	2.46E-04	6.66E-05	2.17E-03
1488	495611.06, 3858501.99	0.04768	0.05436	0.03845	0.021	1.93E-04	1.62E-03	2.45E-04	6.63E-05	2.13E-03	1.75E-04	0.00E+00	3.27E-06	1.81E-06	1.80E-04	2.23E-04	1.62E-03	2.45E-04	6.63E-05	2.16E-03
1489	495661.06, 3858501.99	0.0475	0.05409	0.03814	0.02085	1.92E-04	1.61E-03	2.43E-04	6.58E-05	2.11E-03	1.75E-04	0.00E+00	3.24E-06	1.80E-06	1.80E-04	2.22E-04	1.61E-03	2.43E-04	6.58E-05	2.14E-03
1490	494311.06, 3858551.99	0.06119	0.07362	0.04963	0.02534	2.47E-04	2.20E-03	3.17E-04	8.00E-05	2.84E-03	2.25E-04	0.00E+00	4.22E-06	2.18E-06	2.31E-04	2.86E-04	2.20E-03	3.17E-04	8.00E-05	2.88E-03
1491	494361.06, 3858551.99	0.06172	0.07377	0.0499	0.02529	2.49E-04	2.20E-03	3.18E-04	7.98E-05	2.85E-03	2.27E-04	0.00E+00	4.24E-06	2.18E-06	2.33E-04	2.89E-04	2.20E-03	3.18E-04	7.98E-05	2.89E-03
1492	494411.06, 3858551.99	0.06196	0.07391	0.04942	0.02514	2.50E-04	2.20E-03	3.15E-04	7.94E-05	2.85E-03	2.28E-04	0.00E+00	4.20E-06	2.16E-06	2.34E-04	2.90E-04	2.20E-03	3.15E-04	7.94E-05	2.89E-03
1493	494461.06, 3858551.99	0.06189	0.07354	0.04915	0.02502	2.50E-04	2.19E-03	3.14E-04	7.90E-05	2.84E-03	2.28E-04	0.00E+00	4.18E-06	2.15E-06	2.34E-04	2.89E-04	2.19E-03	3.14E-04	7.90E-05	2.88E-03
1494	494511.06, 3858551.99	0.06148	0.07287	0.04863	0.02485	2.49E-04	2.17E-03	3.10E-04	7.85E-05	2.81E-03	2.26E-04	0.00E+00	4.14E-06	2.14E-06	2.32E-04	2.88E-04	2.17E-03	3.10E-04	7.85E-05	2.85E-03
1495	494561.06, 3858551.99	0.06116	0.07228	0.04825	0.02469	2.47E-04	2.16E-03	3.08E-04	7.80E-05	2.79E-03	2.25E-04	0.00E+00	4.10E-06	2.13E-06	2.31E-04	2.86E-04	2.16E-03	3.08E-04	7.80E-05	2.83E-03
1496	494611.06, 3858551.99	0.06062	0.07151	0.04764	0.02451	2.45E-04	2.13E-03	3.04E-04	7.74E-05	2.76E-03	2.23E-04	0.00E+00	4.05E-06	2.11E-06	2.29E-04	2.83E-04	2.13E-03	3.04E-04	7.74E-05	2.80E-03
1497	494661.06, 3858551.99	0.06015	0.0708	0.04709	0.02433	2.43E-04	2.11E-03	3.00E-04	7.68E-05	2.73E-03	2.21E-04	0.00E+00	4.00E-06	2.10E-06	2.27E-04	2.81E-04	2.11E-03	3.00E-04	7.68E-05	2.77E-03
1498	494711.06, 3858551.99	0.05918	0.06964	0.04636	0.0241	2.39E-04	2.08E-03	2.96E-04	7.61E-05	2.69E-03	2.18E-04	0.00E+00	3.94E-06	2.08E-06	2.24E-04	2.77E-04	2.08E-03	2.96E-04	7.61E-05	2.73E-03
1499	494761.06, 3858551.99	0.05823	0.06852	0.04558	0.02387	2.35E-04	2.04E-03	2.91E-04	7.54E-05	2.65E-03	2.14E-04	0.00E+00	3.88E-06	2.06E-06	2.20E-04	2.72E-04	2.04E-03	2.91E-04	7.54E-05	2.68E-03
1500	494811.06, 3858551.99	0.05752	0.06762	0.04485	0.02368	2.33E-04	2.02E-03	2.86E-04	7.48E-05	2.61E-03	2.11E-04	0.00E+00	3.81E-06	2.04E-06	2.17E-04	2.69E-04	2.02E-03	2.86E-04	7.48E-05	2.65E-03
1501	494861.06, 3858551.99	0.05656	0.06651	0.0442	0.02346	2.29E-04	1.98E-03	2.82E-04	7.41E-05	2.57E-03	2.08E-04	0.00E+00	3.76E-06	2.02E-06	2.14E-04	2.65E-04	1.98E-03	2.82E-04	7.41E-05	2.60E-03
1502	494911.06, 3858551.99	0.05545	0.06526	0.04343	0.02321	2.24E-04	1.95E-03	2.77E-04	7.33E-05	2.52E-03	2.04E-04	0.00E+00	3.69E-06	2.00E-06	2.10E-04	2.59E-04	1.95E-03	2.77E-04	7.33E-05	2.56E-03
1503	494961.06, 3858551.99	0.05461	0.06426	0.04284	0.02301	2.21E-04	1.92E-03	2.73E-04	7.27E-05	2.48E-03	2.01E-04	0.00E+00	3.64E-06	1.98E-06	2.06E-04	2.55E-04	1.92E-03	2.73E-04	7.27E-05	2.52E-03
1504	495011.06, 3858551.99	0.05349	0.06304	0.04216	0.02278	2.16E-04	1.88E-03	2.69E-04	7.19E-05	2.44E-03	1.97E-04	0.00E+00	3.59E-06	1.96E-06	2.02E-04	2.50E-04	1.88E-03	2.69E-04	7.19E-05	2.47E-03
1505	495061.06, 3858551.99	0.05279	0.06224	0.04167	0.02261	2.13E-04	1.86E-03	2.66E-04	7.14E-05	2.41E-03	1.94E-04	0.00E+00	3.54E-06	1.95E-06	2.00E-04	2.47E-04	1.86E-03	2.66E-04	7.14E-05	2.44E-03
1506	495111.06, 3858551.99	0.05145	0.06081	0.04089	0.02236	2.08E-04	1.81E-03	2.61E-04	7.06E-05	2.35E-03	1.89E-04	0.00E+00	3.48E-06	1.93E-06	1.95E-04	2.41E-04	1.81E-03	2.61E-04	7.06E-05	2.39E-03
1507	495161.06, 3858551.99	0.05063	0.05986	0.04039	0.02216	2.05E-04	1.79E-03	2.58E-04	7.00E-05	2.32E-03	1.86E-04	0.00E+00	3.44E-06	1.91E-06	1.91E-04	2.37E-04	1.79E-03	2.58E-04	7.00E-05	2.35E-03
1508	495211.06, 3858551.99	0.04991	0.05901	0.03994	0.02199	2.02E-04	1.76E-03	2.55E-04	6.94E-05	2.29E-03	1.83E-04	0.00E+00	3.40E-06	1.89E-06	1.89E-04	2.33E-04	1.76E-03	2.55E-04	6.94E-05	2.32E-03
1509	495261.06, 3858551.99	0.04945	0.05838	0.0396	0.02184	2.00E-04	1.74E-03	2.53E-04	6.90E-05	2.26E-03	1.82E-04	0.00E+00	3.37E-06	1.88E-06	1.87E-04	2.31E-04	1.74E-03	2.53E-04	6.90E-05	2.29E-03
1510	495311.06, 3858551.99	0.04926	0.05799	0.03938	0.02172	1.99E-04	1.73E-03	2.51E-04	6.86E-05	2.25E-03	1.81E-04	0.00E+00	3.35E-06	1.87E-06	1.86E-04	2.30E-04	1.73E-03	2.51E-04	6.86E-05	2.28E-03
1511	495361.06, 3858551.99	0.04902	0.05756	0.03913	0.0216	1.98E-04	1.72E-03	2.50E-04	6.82E-05	2.23E-03	1.80E-04	0.00E+00	3.33E-06	1.86E-06	1.85E-04	2.29E-04	1.72E-03	2.50E-04	6.82E-05	2.26E-03
1512	495411.06, 3858551.99	0.04895	0.05728	0.03896	0.02149	1.98E-04	1.71E-03	2.49E-04	6.79E-05	2.22E-03	1.80E-04	0.00E+00	3.31E-06	1.85E-06	1.85E-04	2.29E-04	1.71E-03	2.49E-04	6.79E-05	2.25E-03
1513	495461.06, 3858551.99	0.04877	0.05691	0.03874	0.02137	1.97E-04	1.70E-03	2.47E-04	6.75E-05	2.21E-03	1.79E-04	0.00E+00	3.29E-06	1.84E-06	1.84E-04	2.28E-04	1.70E-03	2.47E-04	6.75E-05	2.24E-03
1514	495511.06, 3858551.99	0.04872	0.05666	0.03857	0.02128	1.97E-04	1.69E-03	2.46E-04	6.72E-05	2.20E-03	1.79E-04	0.00E+00	3.28E-06	1.83E-06	1.84E-04	2.28E-04	1.69E-03	2.46E-04	6.72E-05	2.23E-03
1515	495561.06, 3858551.99	0.04853	0.05628	0.03835	0.02116	1.96E-04	1.68E-03	2.45E-04	6.68E-05	2.19E-03	1.78E-04	0.00E+00	3.26E-06	1.82E-06	1.84E-04	2.27E-04	1.68E-03	2.45E-04	6.68E-05	2.22E-03
1516	495611.06, 3858551.99	0.04827	0.05585	0.03809	0.02104	1.95E-04	1.67E-03	2.43E-04	6.64E-05	2.17E-03	1.77E-04	0.00E+00	3.24E-06	1.81E-06	1.83E-04	2.26E-04	1.67E-03	2.43E-04	6.64E-05	2.20E-03
1517	495661.06, 3858551.99	0.04796	0.05538	0.0378	0.02091	1.94E-04	1.65E-03	2.41E-04	6.60E-05	2.15E-03	1.76E-04	0.00E+00	3.21E-06	1.80E-06	1.81E-04	2.24E-04	1.65E-03	2.41E-04	6.60E-05	2.18E-03
1518	494311.06, 3858601.99	0.05735	0.07191	0.04621	0.02489	2.32E-04	2.15E-03	2.95E-04	7.86E-05	2.75E-03	2.11E-04	0.00E+00	3.93E-06	2.14E-06	2.17E-04	2.68E-04	2.15E-03	2.95E-04	7.86E-05	2.79E-03
1519	494361.06, 3858601.99	0.06091	0.07459	0.04908	0.02531	2.46E-04	2.23E-03	3.13E-04	7.99E-05	2.86E-03	2.24E-04	0.00E+00	4.17E-06	2.18E-06	2.30E-04	2.85E-04	2.23E-03	3.13E-04	7.99E-05	2.90E-03
1520	494411.06, 3858601.99	0.06306	0.07651	0.04957	0.02544	2.55E-04	2.28E-03	3.16E-04	8.03E-05	2.93E-03	2.32E-04	0.00E+00	4.22E-06	2.19E-06	2.38E-04	2.95E-04	2.28E-03	3.16E-04	8.03E-05	2.97E-03
1521	494461.06, 3858601.99	0.06296	0.07609	0.0493	0.02531	2.54E-04	2.27E-03	3.14E-04	7.99E-05	2.92E-03	2.31E-04	0.00E+00	4.19E-06	2.18E-06	2.38E-04	2.94E-04	2.27E-03	3.14E-04	7.99E-05	2.96E-03
1522	494511.06, 3858601.99	0.0623	0.07489	0.04899	0.02515	2.52E-04	2.23E-03	3.12E-04	7.94E-05	2.88E-03	2.29E-04	0.00E+00	4.17E-06	2.17E-06	2.35E-04	2.91E-04	2.23E-03	3.12E-04	7.94E-05	2.92E-03
1523	494561.06, 3858601.99	0.06238	0.0749	0.04855	0.02499	2.52E-04	2.23E-03	3.10E-04	7.89E-05	2.88E-03	2.29E-04	0.00E+00	4.13E-06	2.15E-06	2.36E-04	2.92E-04	2.23E-03	3.10E-04	7.89E-05	2.91E-03
1524	494611.06, 3858601.99	0.0616	0.07387	0.04794	0.02476	2.49E-04	2.20E-03	3.06E-04	7.82E-05	2.84E-03	2.26E-04	0.00E+00	4.08E-06	2.13E-06	2.33E-04	2.88E-04	2.20E-03	3.06E-04	7.82E-05	2.88E-03
1525	494661.06, 3858601.99	0.06106	0.07306	0.04747	0.02456	2.47E-04	2.18E-03	3.03E-04	7.75E-05	2.81E-03	2.24E-04	0.00E+00	4.04E-06	2.11E-06	2.31E-04	2.86E-04	2.18E-03	3.03E-04	7.75E-05	2.85E-03
1526	494711.06, 3858601.99	0.06017	0.07193	0.04681	0.02432	2.43E-04	2.15E-03	2.99E-04	7.68E-05	2.76E-03	2.21E-04	0.00E+00	3.98E-06	2.09E-06	2.27E-04	2.81E-04	2.15E-03	2.99E-04	7.68E-05	2.80E-03
1527	494761.06, 3858601.99	0.05927	0.07082	0.04601	0.02409	2.40E-04	2.11E-03	2.93E-04	7.61E-05	2.72E-03	2.18E-04	0.00E+00	3.91E-06	2.07E-06	2.24E-04	2.77E-04	2.11E-03	2.93E-04	7.61E-05	2.76E-03
1528	494811.06, 3858601.99	0.0579	0.06925	0.04493	0.02379	2.34E-04	2.07E-03	2.87E-04	7.51E-05	2.66E-03	2.13E-04	0.00E+00	3.82E-06	2.05E-06	2.19E-04	2.71E-04	2.07E-03	2.87E-04	7.51E-05	2.70E-03
1529	494861.06, 3858601.99	0.05721	0.06835	0.04431	0.02359	2.31E-04	2.04E-03	2.83E-04	7.45E-05	2.63E-03	2.10E-04	0.00E+00	3.77E-06	2.03E-06	2.16E-04	2.68E-04	2.04E-03	2.83E-04	7.45E-05	2.66E-03
1530	494911.06, 3858601.99	0.05594	0.06693	0.04325	0.02332	2.26E-04	2.00E-03	2.76E-04	7.36E-05	2.57E-03	2.06E-04	0.00E+00	3.68E-06	2.01E-06	2.11E-04	2.62E-04	2.00E-03	2.76E-04	7.36E-05	2.61E-03

1531	494961.06, 3858601.99	0.05508	0.06587	0.04265	0.02311	2.23E-04	1.97E-03	2.72E-04	7.30E-05	2.53E-03	2.03E-04	0.00E+00	3.63E-06	1.99E-06	2.08E-04	2.58E-04	1.97E-03	2.72E-04	7.30E-05	2.57E-03
1532	495011.06, 3858601.99	0.05418	0.0648	0.04199	0.02289	2.19E-04	1.93E-03	2.68E-04	7.23E-05	2.49E-03	1.99E-04	0.00E+00	3.57E-06	1.97E-06	2.05E-04	2.53E-04	1.93E-03	2.68E-04	7.23E-05	2.53E-03
1533	495061.06, 3858601.99	0.05323	0.06369	0.04134	0.02267	2.15E-04	1.90E-03	2.64E-04	7.16E-05	2.45E-03	1.96E-04	0.00E+00	3.52E-06	1.95E-06	2.01E-04	2.49E-04	1.90E-03	2.64E-04	7.16E-05	2.48E-03
1534	495111.06, 3858601.99	0.05174	0.06217	0.04048	0.02241	2.09E-04	1.85E-03	2.58E-04	7.08E-05	2.39E-03	1.90E-04	0.00E+00	3.44E-06	1.93E-06	1.96E-04	2.42E-04	1.85E-03	2.58E-04	7.08E-05	2.43E-03
1535	495161.06, 3858601.99	0.05103	0.06128	0.03996	0.02222	2.06E-04	1.83E-03	2.55E-04	7.02E-05	2.36E-03	1.88E-04	0.00E+00	3.40E-06	1.91E-06	1.93E-04	2.39E-04	1.83E-03	2.55E-04	7.02E-05	2.39E-03
1536	495211.06, 3858601.99	0.0506	0.06066	0.03963	0.02207	2.05E-04	1.81E-03	2.53E-04	6.97E-05	2.34E-03	1.86E-04	0.00E+00	3.37E-06	1.90E-06	1.91E-04	2.37E-04	1.81E-03	2.53E-04	6.97E-05	2.37E-03
1537	495261.06, 3858601.99	0.05009	0.05994	0.03928	0.02191	2.02E-04	1.79E-03	2.51E-04	6.92E-05	2.31E-03	1.84E-04	0.00E+00	3.34E-06	1.89E-06	1.89E-04	2.34E-04	1.79E-03	2.51E-04	6.92E-05	2.34E-03
1538	495311.06, 3858601.99	0.04975	0.0594	0.03899	0.02176	2.01E-04	1.77E-03	2.49E-04	6.87E-05	2.29E-03	1.83E-04	0.00E+00	3.32E-06	1.87E-06	1.88E-04	2.33E-04	1.77E-03	2.49E-04	6.87E-05	2.32E-03
1539	495361.06, 3858601.99	0.04959	0.05903	0.03878	0.02165	2.00E-04	1.76E-03	2.47E-04	6.84E-05	2.28E-03	1.82E-04	0.00E+00	3.30E-06	1.86E-06	1.87E-04	2.32E-04	1.76E-03	2.47E-04	6.84E-05	2.31E-03
1540	495411.06, 3858601.99	0.04944	0.05867	0.03858	0.02153	2.00E-04	1.75E-03	2.46E-04	6.80E-05	2.26E-03	1.82E-04	0.00E+00	3.28E-06	1.85E-06	1.87E-04	2.31E-04	1.75E-03	2.46E-04	6.80E-05	2.30E-03
1541	495461.06, 3858601.99	0.04934	0.05835	0.03839	0.02142	1.99E-04	1.74E-03	2.45E-04	6.76E-05	2.25E-03	1.81E-04	0.00E+00	3.26E-06	1.84E-06	1.87E-04	2.31E-04	1.74E-03	2.45E-04	6.76E-05	2.28E-03
1542	495511.06, 3858601.99	0.04898	0.05781	0.03811	0.02129	1.98E-04	1.72E-03	2.43E-04	6.72E-05	2.23E-03	1.80E-04	0.00E+00	3.24E-06	1.83E-06	1.85E-04	2.29E-04	1.72E-03	2.43E-04	6.72E-05	2.26E-03
1543	495561.06, 3858601.99	0.04899	0.0576	0.03797	0.02119	1.98E-04	1.72E-03	2.42E-04	6.69E-05	2.23E-03	1.80E-04	0.00E+00	3.23E-06	1.82E-06	1.85E-04	2.29E-04	1.72E-03	2.42E-04	6.69E-05	2.26E-03
1544	495611.06, 3858601.99	0.04854	0.05698	0.03766	0.02105	1.96E-04	1.70E-03	2.40E-04	6.65E-05	2.20E-03	1.78E-04	0.00E+00	3.20E-06	1.81E-06	1.83E-04	2.27E-04	1.70E-03	2.40E-04	6.65E-05	2.23E-03
1545	495661.06, 3858601.99	0.04847	0.05671	0.0375	0.02095	1.96E-04	1.69E-03	2.39E-04	6.61E-05	2.19E-03	1.78E-04	0.00E+00	3.19E-06	1.80E-06	1.83E-04	2.27E-04	1.69E-03	2.39E-04	6.61E-05	2.22E-03
1546	494311.06, 3858651.99	0.05641	0.07255	0.0452	0.02486	2.28E-04	2.16E-03	2.88E-04	7.85E-05	2.76E-03	2.07E-04	0.00E+00	3.84E-06	2.14E-06	2.13E-04	2.64E-04	2.16E-03	2.88E-04	7.85E-05	2.80E-03
1547	494361.06, 3858651.99	0.05988	0.07521	0.04807	0.02528	2.42E-04	2.24E-03	3.07E-04	7.98E-05	2.87E-03	2.20E-04	0.00E+00	4.09E-06	2.18E-06	2.26E-04	2.80E-04	2.24E-03	3.07E-04	7.98E-05	2.91E-03
1548	494411.06, 3858651.99	0.06354	0.07836	0.05032	0.02572	2.57E-04	2.34E-03	3.21E-04	8.12E-05	3.00E-03	2.34E-04	0.00E+00	4.28E-06	2.21E-06	2.40E-04	2.97E-04	2.34E-03	3.21E-04	8.12E-05	3.04E-03
1549	494461.06, 3858651.99	0.0637	0.07846	0.04942	0.02552	2.57E-04	2.34E-03	3.15E-04	8.06E-05	2.99E-03	2.34E-04	0.00E+00	4.20E-06	2.20E-06	2.41E-04	2.98E-04	2.34E-03	3.15E-04	8.06E-05	3.03E-03
1550	494511.06, 3858651.99	0.06329	0.07771	0.04896	0.02534	2.56E-04	2.32E-03	3.12E-04	8.00E-05	2.97E-03	2.33E-04	0.00E+00	4.16E-06	2.18E-06	2.39E-04	2.96E-04	2.32E-03	3.12E-04	8.00E-05	3.01E-03
1551	494561.06, 3858651.99	0.06307	0.07716	0.04863	0.02519	2.55E-04	2.30E-03	3.10E-04	7.95E-05	2.95E-03	2.32E-04	0.00E+00	4.14E-06	2.17E-06	2.38E-04	2.95E-04	2.30E-03	3.10E-04	7.95E-05	2.99E-03
1552	494611.06, 3858651.99	0.06266	0.07644	0.04819	0.02501	2.53E-04	2.28E-03	3.07E-04	7.90E-05	2.92E-03	2.30E-04	0.00E+00	4.10E-06	2.15E-06	2.37E-04	2.93E-04	2.28E-03	3.07E-04	7.90E-05	2.96E-03
1553	494661.06, 3858651.99	0.06195	0.07543	0.04758	0.02479	2.50E-04	2.25E-03	3.03E-04	7.83E-05	2.88E-03	2.28E-04	0.00E+00	4.05E-06	2.13E-06	2.34E-04	2.90E-04	2.25E-03	3.03E-04	7.83E-05	2.92E-03
1554	494711.06, 3858651.99	0.06092	0.07408	0.0468	0.02453	2.46E-04	2.21E-03	2.99E-04	7.75E-05	2.83E-03	2.24E-04	0.00E+00	3.98E-06	2.11E-06	2.30E-04	2.85E-04	2.21E-03	2.99E-04	7.75E-05	2.87E-03
1555	494761.06, 3858651.99	0.06014	0.07302	0.0462	0.02431	2.43E-04	2.18E-03	2.95E-04	7.68E-05	2.79E-03	2.21E-04	0.00E+00	3.93E-06	2.09E-06	2.27E-04	2.81E-04	2.18E-03	2.95E-04	7.68E-05	2.83E-03
1556	494811.06, 3858651.99	0.05893	0.07156	0.0454	0.024	2.38E-04	2.13E-03	2.90E-04	7.58E-05	2.74E-03	2.17E-04	0.00E+00	3.86E-06	2.07E-06	2.23E-04	2.76E-04	2.13E-03	2.90E-04	7.58E-05	2.78E-03
1557	494861.06, 3858651.99	0.05783	0.07023	0.0445	0.02374	2.34E-04	2.10E-03	2.84E-04	7.50E-05	2.69E-03	2.13E-04	0.00E+00	3.78E-06	2.04E-06	2.18E-04	2.70E-04	2.10E-03	2.84E-04	7.50E-05	2.72E-03
1558	494911.06, 3858651.99	0.05659	0.06877	0.04352	0.02345	2.29E-04	2.05E-03	2.78E-04	7.40E-05	2.63E-03	2.08E-04	0.00E+00	3.70E-06	2.02E-06	2.14E-04	2.65E-04	2.05E-03	2.78E-04	7.40E-05	2.67E-03
1559	494961.06, 3858651.99	0.0555	0.06747	0.04263	0.0232	2.24E-04	2.01E-03	2.72E-04	7.33E-05	2.58E-03	2.04E-04	0.00E+00	3.63E-06	2.00E-06	2.10E-04	2.60E-04	2.01E-03	2.72E-04	7.33E-05	2.62E-03
1560	495011.06, 3858651.99	0.05467	0.06643	0.04186	0.02298	2.21E-04	1.98E-03	2.67E-04	7.26E-05	2.54E-03	2.01E-04	0.00E+00	3.56E-06	1.98E-06	2.07E-04	2.56E-04	1.98E-03	2.67E-04	7.26E-05	2.58E-03
1561	495061.06, 3858651.99	0.05372	0.06527	0.04122	0.02276	2.17E-04	1.95E-03	2.63E-04	7.19E-05	2.50E-03	1.98E-04	0.00E+00	3.51E-06	1.96E-06	2.03E-04	2.51E-04	1.95E-03	2.63E-04	7.19E-05	2.53E-03
1562	495111.06, 3858651.99	0.05258	0.064	0.04042	0.0225	2.13E-04	1.91E-03	2.58E-04	7.10E-05	2.45E-03	1.93E-04	0.00E+00	3.44E-06	1.94E-06	1.99E-04	2.46E-04	1.91E-03	2.58E-04	7.10E-05	2.48E-03
1563	495161.06, 3858651.99	0.0519	0.06308	0.03994	0.02231	2.10E-04	1.88E-03	2.55E-04	7.04E-05	2.42E-03	1.91E-04	0.00E+00	3.40E-06	1.92E-06	1.96E-04	2.43E-04	1.88E-03	2.55E-04	7.04E-05	2.45E-03
1564	495211.06, 3858651.99	0.05108	0.06208	0.03941	0.02212	2.06E-04	1.85E-03	2.51E-04	6.98E-05	2.38E-03	1.88E-04	0.00E+00	3.35E-06	1.90E-06	1.93E-04	2.39E-04	1.85E-03	2.51E-04	6.98E-05	2.41E-03
1565	495261.06, 3858651.99	0.05091	0.06168	0.03919	0.02199	2.06E-04	1.84E-03	2.50E-04	6.94E-05	2.37E-03	1.87E-04	0.00E+00	3.33E-06	1.89E-06	1.92E-04	2.38E-04	1.84E-03	2.50E-04	6.94E-05	2.40E-03
1566	495311.06, 3858651.99	0.05054	0.06109	0.03886	0.02185	2.04E-04	1.82E-03	2.48E-04	6.90E-05	2.34E-03	1.86E-04	0.00E+00	3.30E-06	1.88E-06	1.91E-04	2.36E-04	1.82E-03	2.48E-04	6.90E-05	2.38E-03
1567	495361.06, 3858651.99	0.05031	0.06068	0.03863	0.02173	2.03E-04	1.81E-03	2.46E-04	6.86E-05	2.33E-03	1.85E-04	0.00E+00	3.29E-06	1.87E-06	1.90E-04	2.35E-04	1.81E-03	2.46E-04	6.86E-05	2.36E-03
1568	495411.06, 3858651.99	0.05029	0.06036	0.03847	0.02162	2.03E-04	1.80E-03	2.45E-04	6.83E-05	2.32E-03	1.85E-04	0.00E+00	3.27E-06	1.86E-06	1.90E-04	2.35E-04	1.80E-03	2.45E-04	6.83E-05	2.35E-03
1569	495461.06, 3858651.99	0.05033	0.06016	0.03835	0.02152	2.03E-04	1.79E-03	2.45E-04	6.79E-05	2.31E-03	1.85E-04	0.00E+00	3.26E-06	1.85E-06	1.90E-04	2.35E-04	1.79E-03	2.45E-04	6.79E-05	2.34E-03
1570	495511.06, 3858651.99	0.04982	0.05952	0.038	0.02137	2.01E-04	1.78E-03	2.42E-04	6.75E-05	2.29E-03	1.83E-04	0.00E+00	3.23E-06	1.84E-06	1.88E-04	2.33E-04	1.78E-03	2.42E-04	6.75E-05	2.32E-03
1571	495561.06, 3858651.99	0.04952	0.05902	0.0377	0.02124	2.00E-04	1.76E-03	2.40E-04	6.71E-05	2.27E-03	1.82E-04	0.00E+00	3.21E-06	1.83E-06	1.87E-04	2.32E-04	1.76E-03	2.40E-04	6.71E-05	2.30E-03
1572	495611.06, 3858651.99	0.04899	0.05831	0.03732	0.02108	1.98E-04	1.74E-03	2.38E-04	6.66E-05	2.24E-03	1.80E-04	0.00E+00	3.17E-06	1.82E-06	1.85E-04	2.29E-04	1.74E-03	2.38E-04	6.66E-05	2.27E-03
1573	495661.06, 3858651.99	0.04889	0.058	0.03715	0.02097	1.98E-04	1.73E-03	2.37E-04	6.62E-05	2.23E-03	1.80E-04	0.00E+00	3.16E-06	1.81E-06	1.85E-04	2.29E-04	1.73E-03	2.37E-04	6.62E-05	2.26E-03
1574	494311.06, 3858701.99	0.05693	0.07457	0.04538	0.02502	2.30E-04	2.22E-03	2.89E-04	7.90E-05	2.82E-03	2.09E-04	0.00E+00	3.86E-06	2.15E-06	2.15E-04	2.66E-04	2.22E-03	2.89E-04	7.90E-05	2.86E-03
1575	494361.06, 3858701.99	0.0616	0.07849	0.04888	0.02568	2.49E-04	2.34E-03	3.12E-04	8.11E-05	2.98E-03	2.26E-04	0.00E+00	4.16E-06	2.21E-06	2.33E-04	2.88E-04	2.34E-03	3.12E-04	8.11E-05	3.02E-03
1576	494411.06, 3858701.99	0.06415	0.08069	0.05071	0.02595	2.59E-04	2.41E-03	3.23E-04	8.19E-05	3.07E-03	2.36E-04	0.00E+00	4.31E-06	2.23E-06	2.42E-04	3.00E-04	2.41E-03	3.23E-04	8.19E-05	3.11E-03
1577	494461.06, 3858701.99	0.06424	0.08041	0.05062	0.02584	2.60E-04	2.40E-03	3.23E-04	8.16E-05	3.06E-03	2.36E-04	0.00E+00	4.31E-06	2.23E-06	2.43E-04	3.00E-04	2.40E-03	3.23E-04	8.16E-05	3.10E-03
1578	494511.06, 3858701.99	0.06403	0.08013	0.04921	0.02555	2.59E-04	2.39E-03	3.14E-04	8.07E-05	3.04E-03	2.35E-04	0.00E+00	4.19E-06	2.20E-06	2.42E-04	2.99E-04	2.39E-03	3.14E-04	8.07E-05	3.08E-03
1579	494561.06, 3858701.99	0.06367	0.0794	0.04879	0.02538	2.57E-04	2.37E-03	3.11E-04	8.01E-05	3.02E-03	2.34E-04	0.00E+00	4.15E-06	2.19E-06	2.40E-04	2.98E-04	2.37E-03	3.11E-04	8.01E-05	3.06E-03
1580	494611.06, 3858701.99	0.06244	0.07779	0.0478	0.02508	2.52E-04	2.32E-03	3.05E-04	7.92E-05	2.96E-03	2.30E-04	0.00E+00	4.07E-06	2.16E-06	2.36E-04	2.92E-04	2.32E-03	3.05E-04	7.92E-05	3.00E-03
1581	494661.06, 3858701.99	0.06244	0.07745	0.04763	0.02495	2.52E-04	2.31E-03	3.04E-04	7.88E-05	2.95E-03	2.30E-04	0.00E+00	4.05E-06	2.15E-06	2.36E-04	2.92E-04	2.31E-03	3.04E-04	7.88E-05	2.99E-03
1582	494711.06, 3858701.99	0.05968	0.07433	0.04576	0.02443	2.41E-04	2.22E-03	2.92E-04	7.71E-05	2.83E-03	2.19E-04	0.00E+00	3.89E-06	2.10E-06	2.25E-04	2.79E-04	2.22E-03	2.92E-04	7.71E-05	2.87E-03
1583	494761.06, 3858701.99	0.06035	0.0747	0.04598	0.02441	2.44E-04	2.23E-03	2.93E-04	7.71E-05	2.84E-03	2.22E-04	0.00E+00	3.91E-06	2.10E-06	2.28E-04	2.82E-04	2.23E-03	2.93E-04	7.71E-05	2.88E-03
1584	494811.06, 3858701.99	0.05944	0.07316	0.04513	0.02412	2.40E-04	2.18E-03	2.88E-04	7.62E-05	2.79E-03	2.19E-04	0.00E+00	3.84E-06	2.08E-06	2.24E-04	2.78E-04	2.18E-03	2.88E-04	7.62E-05	2.82E-03
1585	494861.06, 3858701.99	0.05821	0.07193	0.04445	0.02386	2.35E-04	2.15E-03	2.84E-04	7.53E-05	2.74E-03	2.14E-04	0.00E+00	3.78E-06	2.05E-06	2.20E-04	2.72E-04	2.15E-03	2.84E-04	7.53E-05	2.78E-03
1586	494911.06, 3858701.99	0.0574	0.07083	0.04388	0.02362	2.32E-04	2.11E-03	2.80E-04	7.46E-05	2.70E-03	2.11E-04	0.00E+00	3.73E-06	2.03E-06	2.17E-04	2.68E-04	2.11E-03	2.80E-04	7.46E-05	2.74E-03
1587	494961.06, 3858701.99	0.0557	0.0689	0.04252	0.02325	2.25E-04	2.06E-03	2.71E-04	7.34E-05	2.63E-03	2.05E-04	0.00E+00	3.62E-06	2.00E-06	2.10E-04	2.60E-04	2.06E-03	2.71E-04	7.34E-05	2.66E-03
1588	495011.06, 3858701.99	0.05467	0.06761	0.04174	0.023	2.21E-04	2.02E-03	2.66E-04	7.26E-05	2.58E-03	2.01E-04	0.00E+00	3.55E-06	1.98E-06	2.07E-04	2.56E-04	2.02E-03	2.66E-04	7.26E-05	2.61E-03
1589	495061.06, 3858701.99	0.05426	0.06694	0.04131	0.02284	2.19E-04	2.00E-03	2.63E-04	7.21E-05	2.55E-03	1.99E-04	0.00E+00	3.51E-06	1.97E-06	2.05E-04	2.54E-04	2.00E-03	2.63E-04	7.21E-05	2.59E-03

1590	495111.06, 3858701.99	0.05304	0.06552	0.04034	0.02257	2.14E-04	1.95E-03	2.57E-04	7.13E-05	2.50E-03	1.95E-04	0.00E+00	3.43E-06	1.94E-06	2.00E-04	2.48E-04	1.95E-03	2.57E-04	7.13E-05	2.53E-03
1591	495161.06, 3858701.99	0.05248	0.0647	0.03991	0.0224	2.12E-04	1.93E-03	2.55E-04	7.07E-05	2.47E-03	1.93E-04	0.00E+00	3.39E-06	1.93E-06	1.98E-04	2.45E-04	1.93E-03	2.55E-04	7.07E-05	2.50E-03
1592	495211.06, 3858701.99	0.05168	0.06369	0.03933	0.02217	2.09E-04	1.90E-03	2.51E-04	7.00E-05	2.43E-03	1.90E-04	0.00E+00	3.34E-06	1.91E-06	1.95E-04	2.42E-04	1.90E-03	2.51E-04	7.00E-05	2.46E-03
1593	495261.06, 3858701.99	0.05155	0.0633	0.03912	0.02205	2.08E-04	1.89E-03	2.50E-04	6.96E-05	2.42E-03	1.90E-04	0.00E+00	3.33E-06	1.90E-06	1.95E-04	2.41E-04	1.89E-03	2.50E-04	6.96E-05	2.45E-03
1594	495311.06, 3858701.99	0.05143	0.06292	0.03893	0.02193	2.08E-04	1.88E-03	2.48E-04	6.92E-05	2.40E-03	1.89E-04	0.00E+00	3.31E-06	1.89E-06	1.94E-04	2.41E-04	1.88E-03	2.48E-04	6.92E-05	2.44E-03
1595	495361.06, 3858701.99	0.05116	0.06241	0.03867	0.02179	2.07E-04	1.86E-03	2.47E-04	6.88E-05	2.38E-03	1.88E-04	0.00E+00	3.29E-06	1.88E-06	1.93E-04	2.39E-04	1.86E-03	2.47E-04	6.88E-05	2.42E-03
1596	495411.06, 3858701.99	0.05116	0.06215	0.03854	0.02169	2.07E-04	1.85E-03	2.46E-04	6.85E-05	2.38E-03	1.88E-04	0.00E+00	3.28E-06	1.87E-06	1.93E-04	2.39E-04	1.85E-03	2.46E-04	6.85E-05	2.41E-03
1597	495461.06, 3858701.99	0.05097	0.06172	0.03832	0.02157	2.06E-04	1.84E-03	2.44E-04	6.81E-05	2.36E-03	1.87E-04	0.00E+00	3.26E-06	1.86E-06	1.93E-04	2.38E-04	1.84E-03	2.44E-04	6.81E-05	2.39E-03
1598	495511.06, 3858701.99	0.05064	0.06116	0.03801	0.02143	2.05E-04	1.82E-03	2.42E-04	6.77E-05	2.34E-03	1.86E-04	0.00E+00	3.23E-06	1.85E-06	1.91E-04	2.37E-04	1.82E-03	2.42E-04	6.77E-05	2.37E-03
1599	495561.06, 3858701.99	0.05021	0.06052	0.03765	0.02128	2.03E-04	1.81E-03	2.40E-04	6.72E-05	2.32E-03	1.85E-04	0.00E+00	3.20E-06	1.83E-06	1.90E-04	2.35E-04	1.81E-03	2.40E-04	6.72E-05	2.35E-03
1600	495611.06, 3858701.99	0.04977	0.05988	0.03732	0.02113	2.01E-04	1.79E-03	2.38E-04	6.67E-05	2.29E-03	1.83E-04	0.00E+00	3.17E-06	1.82E-06	1.88E-04	2.33E-04	1.79E-03	2.38E-04	6.67E-05	2.32E-03
1601	495661.06, 3858701.99	0.04953	0.05943	0.03709	0.021	2.00E-04	1.77E-03	2.37E-04	6.63E-05	2.28E-03	1.82E-04	0.00E+00	3.15E-06	1.81E-06	1.87E-04	2.32E-04	1.77E-03	2.37E-04	6.63E-05	2.31E-03
1602	494311.06, 3858751.99	0.05775	0.07667	0.04581	0.02531	2.33E-04	2.29E-03	2.92E-04	7.99E-05	2.89E-03	2.12E-04	0.00E+00	3.90E-06	2.18E-06	2.18E-04	2.70E-04	2.29E-03	2.92E-04	7.99E-05	2.93E-03
1603	494361.06, 3858751.99	0.06298	0.08159	0.04974	0.02603	2.55E-04	2.43E-03	3.17E-04	8.22E-05	3.09E-03	2.32E-04	0.00E+00	4.23E-06	2.24E-06	2.38E-04	2.95E-04	2.43E-03	3.17E-04	8.22E-05	3.13E-03
1604	494411.06, 3858751.99	0.06489	0.08324	0.05124	0.02624	2.62E-04	2.48E-03	3.27E-04	8.28E-05	3.16E-03	2.39E-04	0.00E+00	4.36E-06	2.26E-06	2.45E-04	3.03E-04	2.48E-03	3.27E-04	8.28E-05	3.20E-03
1605	494461.06, 3858751.99	0.06496	0.08293	0.05115	0.02612	2.63E-04	2.47E-03	3.26E-04	8.25E-05	3.15E-03	2.39E-04	0.00E+00	4.35E-06	2.25E-06	2.45E-04	3.04E-04	2.47E-03	3.26E-04	8.25E-05	3.19E-03
1606	494511.06, 3858751.99	0.06495	0.08285	0.0496	0.02582	2.63E-04	2.47E-03	3.16E-04	8.15E-05	3.13E-03	2.39E-04	0.00E+00	4.22E-06	2.22E-06	2.45E-04	3.04E-04	2.47E-03	3.16E-04	8.15E-05	3.17E-03
1607	494561.06, 3858751.99	0.0644	0.08157	0.04941	0.02566	2.60E-04	2.43E-03	3.15E-04	8.10E-05	3.09E-03	2.37E-04	0.00E+00	4.20E-06	2.21E-06	2.43E-04	3.01E-04	2.43E-03	3.15E-04	8.10E-05	3.13E-03
1608	494611.06, 3858751.99	0.06334	0.08014	0.04841	0.02534	2.56E-04	2.39E-03	3.09E-04	8.00E-05	3.04E-03	2.33E-04	0.00E+00	4.12E-06	2.18E-06	2.39E-04	2.96E-04	2.39E-03	3.09E-04	8.00E-05	3.08E-03
1609	494661.06, 3858751.99	0.063	0.07935	0.04831	0.0252	2.55E-04	2.37E-03	3.08E-04	7.96E-05	3.01E-03	2.32E-04	0.00E+00	4.11E-06	2.17E-06	2.38E-04	2.95E-04	2.37E-03	3.08E-04	7.96E-05	3.05E-03
1610	494711.06, 3858751.99	0.06151	0.07744	0.04702	0.02484	2.49E-04	2.31E-03	3.00E-04	7.84E-05	2.94E-03	2.26E-04	0.00E+00	4.00E-06	2.14E-06	2.32E-04	2.88E-04	2.31E-03	3.00E-04	7.84E-05	2.98E-03
1611	494761.06, 3858751.99	0.06089	0.07672	0.04605	0.02456	2.46E-04	2.29E-03	2.94E-04	7.75E-05	2.91E-03	2.24E-04	0.00E+00	3.92E-06	2.11E-06	2.30E-04	2.85E-04	2.29E-03	2.94E-04	7.75E-05	2.94E-03
1612	494811.06, 3858751.99	0.05959	0.07504	0.04507	0.02424	2.41E-04	2.24E-03	2.87E-04	7.65E-05	2.84E-03	2.19E-04	0.00E+00	3.83E-06	2.09E-06	2.25E-04	2.79E-04	2.24E-03	2.87E-04	7.65E-05	2.88E-03
1613	494861.06, 3858751.99	0.05846	0.07353	0.04423	0.02395	2.36E-04	2.19E-03	2.82E-04	7.56E-05	2.79E-03	2.15E-04	0.00E+00	3.76E-06	2.06E-06	2.21E-04	2.73E-04	2.19E-03	2.82E-04	7.56E-05	2.82E-03
1614	494911.06, 3858751.99	0.05719	0.07194	0.04336	0.02365	2.31E-04	2.15E-03	2.77E-04	7.47E-05	2.73E-03	2.10E-04	0.00E+00	3.69E-06	2.04E-06	2.16E-04	2.67E-04	2.15E-03	2.77E-04	7.47E-05	2.76E-03
1615	494961.06, 3858751.99	0.05631	0.07075	0.04274	0.02338	2.28E-04	2.11E-03	2.73E-04	7.38E-05	2.68E-03	2.07E-04	0.00E+00	3.63E-06	2.01E-06	2.13E-04	2.63E-04	2.11E-03	2.73E-04	7.38E-05	2.72E-03
1616	495011.06, 3858751.99	0.05574	0.06987	0.0423	0.02318	2.25E-04	2.08E-03	2.70E-04	7.32E-05	2.65E-03	2.05E-04	0.00E+00	3.60E-06	2.00E-06	2.11E-04	2.61E-04	2.08E-03	2.70E-04	7.32E-05	2.69E-03
1617	495061.06, 3858751.99	0.05481	0.06867	0.04152	0.02294	2.22E-04	2.05E-03	2.65E-04	7.24E-05	2.61E-03	2.02E-04	0.00E+00	3.53E-06	1.98E-06	2.07E-04	2.56E-04	2.05E-03	2.65E-04	7.24E-05	2.64E-03
1618	495111.06, 3858751.99	0.05371	0.06728	0.04066	0.02266	2.17E-04	2.01E-03	2.59E-04	7.15E-05	2.56E-03	1.97E-04	0.00E+00	3.46E-06	1.95E-06	2.03E-04	2.51E-04	2.01E-03	2.59E-04	7.15E-05	2.59E-03
1619	495161.06, 3858751.99	0.05311	0.06641	0.04011	0.02247	2.15E-04	1.98E-03	2.56E-04	7.09E-05	2.52E-03	1.95E-04	0.00E+00	3.41E-06	1.93E-06	2.01E-04	2.48E-04	1.98E-03	2.56E-04	7.09E-05	2.56E-03
1620	495211.06, 3858751.99	0.05232	0.06537	0.03932	0.02226	2.11E-04	1.95E-03	2.51E-04	7.03E-05	2.48E-03	1.92E-04	0.00E+00	3.34E-06	1.92E-06	1.98E-04	2.45E-04	1.95E-03	2.51E-04	7.03E-05	2.52E-03
1621	495261.06, 3858751.99	0.05215	0.06492	0.03911	0.02213	2.11E-04	1.94E-03	2.49E-04	6.99E-05	2.47E-03	1.92E-04	0.00E+00	3.33E-06	1.91E-06	1.97E-04	2.44E-04	1.94E-03	2.49E-04	6.99E-05	2.50E-03
1622	495311.06, 3858751.99	0.05204	0.06454	0.03893	0.022	2.10E-04	1.93E-03	2.48E-04	6.95E-05	2.45E-03	1.91E-04	0.00E+00	3.31E-06	1.89E-06	1.97E-04	2.43E-04	1.93E-03	2.48E-04	6.95E-05	2.49E-03
1623	495361.06, 3858751.99	0.05179	0.06403	0.03867	0.02187	2.09E-04	1.91E-03	2.47E-04	6.91E-05	2.44E-03	1.90E-04	0.00E+00	3.29E-06	1.88E-06	1.96E-04	2.42E-04	1.91E-03	2.47E-04	6.91E-05	2.47E-03
1624	495411.06, 3858751.99	0.05187	0.06383	0.03859	0.02178	2.10E-04	1.90E-03	2.46E-04	6.88E-05	2.43E-03	1.91E-04	0.00E+00	3.28E-06	1.88E-06	1.96E-04	2.43E-04	1.90E-03	2.46E-04	6.88E-05	2.46E-03
1625	495461.06, 3858751.99	0.05168	0.06339	0.03837	0.02165	2.09E-04	1.89E-03	2.45E-04	6.84E-05	2.41E-03	1.90E-04	0.00E+00	3.26E-06	1.86E-06	1.95E-04	2.42E-04	1.89E-03	2.45E-04	6.84E-05	2.45E-03
1626	495511.06, 3858751.99	0.05134	0.0628	0.03807	0.0215	2.08E-04	1.87E-03	2.43E-04	6.79E-05	2.39E-03	1.89E-04	0.00E+00	3.24E-06	1.85E-06	1.94E-04	2.40E-04	1.87E-03	2.43E-04	6.79E-05	2.42E-03
1627	495561.06, 3858751.99	0.05093	0.06216	0.03775	0.02135	2.06E-04	1.85E-03	2.41E-04	6.74E-05	2.37E-03	1.87E-04	0.00E+00	3.21E-06	1.84E-06	1.92E-04	2.38E-04	1.85E-03	2.41E-04	6.74E-05	2.40E-03
1628	495611.06, 3858751.99	0.05052	0.06151	0.03744	0.02119	2.04E-04	1.84E-03	2.39E-04	6.69E-05	2.34E-03	1.86E-04	0.00E+00	3.18E-06	1.82E-06	1.91E-04	2.36E-04	1.84E-03	2.39E-04	6.69E-05	2.38E-03
1629	495661.06, 3858751.99	0.0502	0.06097	0.03717	0.02105	2.03E-04	1.82E-03	2.37E-04	6.65E-05	2.33E-03	1.85E-04	0.00E+00	3.16E-06	1.81E-06	1.90E-04	2.35E-04	1.82E-03	2.37E-04	6.65E-05	2.36E-03
1630	494311.06, 3858801.99	0.05967	0.08021	0.04661	0.02573	2.41E-04	2.39E-03	2.97E-04	8.12E-05	3.01E-03	2.19E-04	0.00E+00	3.96E-06	2.22E-06	2.26E-04	2.79E-04	2.39E-03	2.97E-04	8.12E-05	3.05E-03
1631	494361.06, 3858801.99	0.06391	0.08436	0.05024	0.02636	2.58E-04	2.52E-03	3.20E-04	8.32E-05	3.18E-03	2.35E-04	0.00E+00	4.27E-06	2.27E-06	2.42E-04	2.99E-04	2.52E-03	3.20E-04	8.32E-05	3.22E-03
1632	494411.06, 3858801.99	0.06494	0.08512	0.05101	0.02644	2.63E-04	2.54E-03	3.25E-04	8.35E-05	3.21E-03	2.39E-04	0.00E+00	4.34E-06	2.28E-06	2.45E-04	3.04E-04	2.54E-03	3.25E-04	8.35E-05	3.25E-03
1633	494461.06, 3858801.99	0.06545	0.08533	0.05088	0.02634	2.65E-04	2.55E-03	3.25E-04	8.32E-05	3.22E-03	2.41E-04	0.00E+00	4.33E-06	2.27E-06	2.47E-04	3.06E-04	2.55E-03	3.25E-04	8.32E-05	3.26E-03
1634	494511.06, 3858801.99	0.06553	0.08537	0.04963	0.02606	2.65E-04	2.55E-03	3.17E-04	8.23E-05	3.21E-03	2.41E-04	0.00E+00	4.22E-06	2.24E-06	2.47E-04	3.06E-04	2.55E-03	3.17E-04	8.23E-05	3.25E-03
1635	494561.06, 3858801.99	0.06531	0.08473	0.04934	0.02589	2.64E-04	2.53E-03	3.15E-04	8.17E-05	3.19E-03	2.40E-04	0.00E+00	4.20E-06	2.23E-06	2.47E-04	3.05E-04	2.53E-03	3.15E-04	8.17E-05	3.23E-03
1636	494611.06, 3858801.99	0.06478	0.08373	0.04883	0.02567	2.62E-04	2.50E-03	3.11E-04	8.10E-05	3.15E-03	2.38E-04	0.00E+00	4.15E-06	2.21E-06	2.45E-04	3.03E-04	2.50E-03	3.11E-04	8.10E-05	3.19E-03
1637	494661.06, 3858801.99	0.06379	0.08219	0.04801	0.02536	2.58E-04	2.45E-03	3.06E-04	8.01E-05	3.10E-03	2.35E-04	0.00E+00	4.08E-06	2.18E-06	2.41E-04	2.98E-04	2.45E-03	3.06E-04	8.01E-05	3.14E-03
1638	494711.06, 3858801.99	0.06258	0.08046	0.04704	0.02502	2.53E-04	2.40E-03	3.00E-04	7.90E-05	3.03E-03	2.30E-04	0.00E+00	4.00E-06	2.15E-06	2.36E-04	2.93E-04	2.40E-03	3.00E-04	7.90E-05	3.07E-03
1639	494761.06, 3858801.99	0.06114	0.07851	0.04591	0.02466	2.47E-04	2.34E-03	2.93E-04	7.79E-05	2.96E-03	2.25E-04	0.00E+00	3.90E-06	2.12E-06	2.31E-04	2.86E-04	2.34E-03	2.93E-04	7.79E-05	3.00E-03
1640	494811.06, 3858801.99	0.05963	0.07654	0.04477	0.02431	2.41E-04	2.28E-03	2.86E-04	7.68E-05	2.89E-03	2.19E-04	0.00E+00	3.81E-06	2.09E-06	2.25E-04	2.79E-04	2.28E-03	2.86E-04	7.68E-05	2.92E-03
1641	494861.06, 3858801.99	0.05889	0.07539	0.04416	0.02407	2.38E-04	2.25E-03	2.82E-04	7.60E-05	2.84E-03	2.17E-04	0.00E+00	3.76E-06	2.07E-06	2.22E-04	2.75E-04	2.25E-03	2.82E-04	7.60E-05	2.88E-03
1642	494911.06, 3858801.99	0.05769	0.07381	0.04328	0.02376	2.33E-04	2.20E-03	2.76E-04	7.50E-05	2.79E-03	2.12E-04	0.00E+00	3.68E-06	2.05E-06	2.18E-04	2.70E-04	2.20E-03	2.76E-04	7.50E-05	2.82E-03
1643	494961.06, 3858801.99	0.05684	0.07256	0.04263	0.02351	2.30E-04	2.16E-03	2.72E-04	7.42E-05	2.74E-03	2.09E-04	0.00E+00	3.63E-06	2.02E-06	2.15E-04	2.66E-04	2.16E-03	2.72E-04	7.42E-05	2.78E-03
1644	495011.06, 3858801.99	0.05592	0.0713	0.04198	0.02325	2.26E-04	2.13E-03	2.68E-04	7.34E-05	2.69E-03	2.06E-04	0.00E+00	3.57E-06	2.00E-06	2.11E-04	2.62E-04	2.13E-03	2.68E-04	7.34E-05	2.73E-03
1645	495061.06, 3858801.99	0.05537	0.07043	0.04155	0.02304	2.24E-04	2.10E-03	2.65E-04	7.27E-05	2.66E-03	2.04E-04	0.00E+00	3.53E-06	1.98E-06	2.09E-04	2.59E-04	2.10E-03	2.65E-04	7.27E-05	2.70E-03
1646	495111.06, 3858801.99	0.05415	0.06888	0.0407	0.02273	2.19E-04	2.05E-03	2.60E-04	7.18E-05	2.61E-03	1.99E-04	0.00E+00	3.46E-06	1.96E-06	2.05E-04	2.53E-04	2.05E-03	2.60E-04	7.18E-05	2.64E-03
1647	495161.06, 3858801.99	0.05328	0.06772	0.04	0.02249	2.15E-04	2.02E-03	2.55E-04	7.10E-05	2.56E-03	1.96E-04	0.00E+00	3.40E-06	1.94E-06	2.01E-04	2.49E-04	2.02E-03	2.55E-04	7.10E-05	2.60E-03
1648	495211.06, 3858801.99	0.05287	0.06701	0.03961	0.02231	2.14E-04	2.00E-03	2.53E-04	7.04E-05	2.54E-03	1.94E-04	0.00E+00	3.37E-06	1.92E-06	2.00E-04	2.47E-04	2.00E-03	2.53E-04	7.04E-05	2.57E-03

1649	495261.06, 3858801.99	0.05273	0.06654	0.03942	0.02218	2.13E-04	1.99E-03	2.51E-04	7.00E-05	2.52E-03	1.94E-04	0.00E+00	3.35E-06	1.91E-06	1.99E-04	2.47E-04	1.99E-03	2.51E-04	7.00E-05	2.55E-03
1650	495311.06, 3858801.99	0.05268	0.06623	0.03927	0.02207	2.13E-04	1.98E-03	2.50E-04	6.97E-05	2.51E-03	1.94E-04	0.00E+00	3.34E-06	1.90E-06	1.99E-04	2.46E-04	1.98E-03	2.50E-04	6.97E-05	2.54E-03
1651	495361.06, 3858801.99	0.05247	0.06571	0.03905	0.02193	2.12E-04	1.96E-03	2.49E-04	6.92E-05	2.49E-03	1.93E-04	0.00E+00	3.32E-06	1.89E-06	1.98E-04	2.45E-04	1.96E-03	2.49E-04	6.92E-05	2.52E-03
1652	495411.06, 3858801.99	0.0527	0.06567	0.03907	0.02186	2.13E-04	1.96E-03	2.49E-04	6.90E-05	2.49E-03	1.94E-04	0.00E+00	3.32E-06	1.88E-06	1.99E-04	2.46E-04	1.96E-03	2.49E-04	6.90E-05	2.52E-03
1653	495461.06, 3858801.99	0.05244	0.06514	0.03879	0.02172	2.12E-04	1.94E-03	2.47E-04	6.86E-05	2.47E-03	1.93E-04	0.00E+00	3.30E-06	1.87E-06	1.98E-04	2.45E-04	1.94E-03	2.47E-04	6.86E-05	2.50E-03
1654	495511.06, 3858801.99	0.05202	0.06444	0.03847	0.02155	2.10E-04	1.92E-03	2.45E-04	6.80E-05	2.45E-03	1.91E-04	0.00E+00	3.27E-06	1.86E-06	1.96E-04	2.43E-04	1.92E-03	2.45E-04	6.80E-05	2.48E-03
1655	495561.06, 3858801.99	0.05169	0.06385	0.0382	0.0214	2.09E-04	1.90E-03	2.44E-04	6.76E-05	2.43E-03	1.90E-04	0.00E+00	3.25E-06	1.84E-06	1.95E-04	2.42E-04	1.90E-03	2.44E-04	6.76E-05	2.46E-03
1656	495611.06, 3858801.99	0.05115	0.06306	0.0377	0.02123	2.07E-04	1.88E-03	2.40E-04	6.70E-05	2.40E-03	1.88E-04	0.00E+00	3.21E-06	1.83E-06	1.93E-04	2.39E-04	1.88E-03	2.40E-04	6.70E-05	2.43E-03
1657	495661.06, 3858801.99	0.05093	0.0626	0.03745	0.0211	2.06E-04	1.87E-03	2.39E-04	6.66E-05	2.38E-03	1.87E-04	0.00E+00	3.19E-06	1.82E-06	1.92E-04	2.38E-04	1.87E-03	2.39E-04	6.66E-05	2.41E-03
1658	494311.06, 3858851.99	0.06373	0.08638	0.04934	0.02661	2.58E-04	2.58E-03	3.15E-04	8.40E-05	3.23E-03	2.34E-04	0.00E+00	4.20E-06	2.29E-06	2.41E-04	2.98E-04	2.58E-03	3.15E-04	8.40E-05	3.27E-03
1659	494361.06, 3858851.99	0.06604	0.08877	0.05152	0.02696	2.67E-04	2.65E-03	3.29E-04	8.51E-05	3.33E-03	2.43E-04	0.00E+00	4.38E-06	2.32E-06	2.49E-04	3.09E-04	2.65E-03	3.29E-04	8.51E-05	3.37E-03
1660	494411.06, 3858851.99	0.06592	0.08822	0.05134	0.02679	2.66E-04	2.63E-03	3.27E-04	8.46E-05	3.31E-03	2.42E-04	0.00E+00	4.37E-06	2.31E-06	2.49E-04	3.08E-04	2.63E-03	3.27E-04	8.46E-05	3.35E-03
1661	494461.06, 3858851.99	0.06611	0.08806	0.05091	0.02662	2.67E-04	2.63E-03	3.25E-04	8.40E-05	3.30E-03	2.43E-04	0.00E+00	4.33E-06	2.29E-06	2.50E-04	3.09E-04	2.63E-03	3.25E-04	8.40E-05	3.35E-03
1662	494511.06, 3858851.99	0.06591	0.08775	0.04928	0.02624	2.66E-04	2.62E-03	3.14E-04	8.28E-05	3.28E-03	2.42E-04	0.00E+00	4.19E-06	2.26E-06	2.49E-04	3.08E-04	2.62E-03	3.14E-04	8.28E-05	3.32E-03
1663	494561.06, 3858851.99	0.06557	0.08694	0.04896	0.02605	2.65E-04	2.59E-03	3.12E-04	8.22E-05	3.25E-03	2.41E-04	0.00E+00	4.16E-06	2.24E-06	2.47E-04	3.07E-04	2.59E-03	3.12E-04	8.22E-05	3.29E-03
1664	494611.06, 3858851.99	0.06488	0.08568	0.04839	0.02579	2.62E-04	2.56E-03	3.09E-04	8.14E-05	3.21E-03	2.39E-04	0.00E+00	4.12E-06	2.22E-06	2.45E-04	3.03E-04	2.56E-03	3.09E-04	8.14E-05	3.25E-03
1665	494661.06, 3858851.99	0.06396	0.08417	0.04767	0.0255	2.59E-04	2.51E-03	3.04E-04	8.05E-05	3.15E-03	2.35E-04	0.00E+00	4.05E-06	2.20E-06	2.41E-04	2.99E-04	2.51E-03	3.04E-04	8.05E-05	3.19E-03
1666	494711.06, 3858851.99	0.06255	0.08209	0.0466	0.02512	2.53E-04	2.45E-03	2.97E-04	7.93E-05	3.08E-03	2.30E-04	0.00E+00	3.96E-06	2.16E-06	2.36E-04	2.93E-04	2.45E-03	2.97E-04	7.93E-05	3.12E-03
1667	494761.06, 3858851.99	0.06119	0.08014	0.04556	0.02474	2.47E-04	2.39E-03	2.91E-04	7.81E-05	3.01E-03	2.25E-04	0.00E+00	3.87E-06	2.13E-06	2.31E-04	2.86E-04	2.39E-03	2.91E-04	7.81E-05	3.05E-03
1668	494811.06, 3858851.99	0.06007	0.07851	0.04469	0.02442	2.43E-04	2.34E-03	2.85E-04	7.71E-05	2.95E-03	2.21E-04	0.00E+00	3.80E-06	2.10E-06	2.27E-04	2.81E-04	2.34E-03	2.85E-04	7.71E-05	2.99E-03
1669	494861.06, 3858851.99	0.05938	0.07738	0.04411	0.02418	2.40E-04	2.31E-03	2.81E-04	7.63E-05	2.91E-03	2.18E-04	0.00E+00	3.75E-06	2.08E-06	2.24E-04	2.78E-04	2.31E-03	2.81E-04	7.63E-05	2.94E-03
1670	494911.06, 3858851.99	0.05834	0.07587	0.04331	0.0239	2.36E-04	2.26E-03	2.76E-04	7.55E-05	2.85E-03	2.14E-04	0.00E+00	3.68E-06	2.06E-06	2.20E-04	2.73E-04	2.26E-03	2.76E-04	7.55E-05	2.89E-03
1671	494961.06, 3858851.99	0.05744	0.07455	0.04262	0.02363	2.32E-04	2.22E-03	2.72E-04	7.46E-05	2.80E-03	2.11E-04	0.00E+00	3.62E-06	2.03E-06	2.17E-04	2.69E-04	2.22E-03	2.72E-04	7.46E-05	2.84E-03
1672	495011.06, 3858851.99	0.05673	0.07345	0.04207	0.02339	2.29E-04	2.19E-03	2.68E-04	7.39E-05	2.76E-03	2.09E-04	0.00E+00	3.58E-06	2.01E-06	2.14E-04	2.65E-04	2.19E-03	2.68E-04	7.39E-05	2.80E-03
1673	495061.06, 3858851.99	0.05586	0.0722	0.04143	0.02314	2.26E-04	2.15E-03	2.64E-04	7.31E-05	2.72E-03	2.05E-04	0.00E+00	3.52E-06	1.99E-06	2.11E-04	2.61E-04	2.15E-03	2.64E-04	7.31E-05	2.75E-03
1674	495111.06, 3858851.99	0.0542	0.07012	0.04036	0.02275	2.19E-04	2.09E-03	2.57E-04	7.18E-05	2.64E-03	1.99E-04	0.00E+00	3.43E-06	1.96E-06	2.05E-04	2.53E-04	2.09E-03	2.57E-04	7.18E-05	2.67E-03
1675	495161.06, 3858851.99	0.05337	0.06895	0.03981	0.0225	2.16E-04	2.06E-03	2.54E-04	7.10E-05	2.60E-03	1.96E-04	0.00E+00	3.39E-06	1.94E-06	2.02E-04	2.50E-04	2.06E-03	2.54E-04	7.10E-05	2.63E-03
1676	495211.06, 3858851.99	0.05351	0.06876	0.03978	0.02241	2.16E-04	2.05E-03	2.54E-04	7.08E-05	2.59E-03	1.97E-04	0.00E+00	3.38E-06	1.93E-06	2.02E-04	2.50E-04	2.05E-03	2.54E-04	7.08E-05	2.63E-03
1677	495261.06, 3858851.99	0.05336	0.06829	0.03959	0.02227	2.16E-04	2.04E-03	2.53E-04	7.03E-05	2.58E-03	1.96E-04	0.00E+00	3.37E-06	1.92E-06	2.01E-04	2.50E-04	2.04E-03	2.53E-04	7.03E-05	2.61E-03
1678	495311.06, 3858851.99	0.05339	0.06801	0.0395	0.02217	2.16E-04	2.03E-03	2.52E-04	7.00E-05	2.57E-03	1.96E-04	0.00E+00	3.36E-06	1.91E-06	2.02E-04	2.50E-04	2.03E-03	2.52E-04	7.00E-05	2.60E-03
1679	495361.06, 3858851.99	0.05328	0.06759	0.03934	0.02204	2.15E-04	2.02E-03	2.51E-04	6.96E-05	2.55E-03	1.96E-04	0.00E+00	3.35E-06	1.90E-06	2.01E-04	2.49E-04	2.02E-03	2.51E-04	6.96E-05	2.59E-03
1680	495411.06, 3858851.99	0.05317	0.06719	0.03917	0.02192	2.15E-04	2.00E-03	2.50E-04	6.92E-05	2.54E-03	1.95E-04	0.00E+00	3.33E-06	1.89E-06	2.01E-04	2.49E-04	2.00E-03	2.50E-04	6.92E-05	2.57E-03
1681	495461.06, 3858851.99	0.05312	0.06684	0.03904	0.0218	2.15E-04	1.99E-03	2.49E-04	6.88E-05	2.53E-03	1.95E-04	0.00E+00	3.32E-06	1.88E-06	2.00E-04	2.48E-04	1.99E-03	2.49E-04	6.88E-05	2.56E-03
1682	495511.06, 3858851.99	0.05297	0.06621	0.03907	0.02173	2.14E-04	1.98E-03	2.49E-04	6.86E-05	2.51E-03	1.95E-04	0.00E+00	3.32E-06	1.87E-06	2.00E-04	2.48E-04	1.98E-03	2.49E-04	6.86E-05	2.54E-03
1683	495561.06, 3858851.99	0.05211	0.06526	0.03823	0.02144	2.11E-04	1.95E-03	2.44E-04	6.77E-05	2.47E-03	1.92E-04	0.00E+00	3.25E-06	1.85E-06	1.97E-04	2.44E-04	1.95E-03	2.44E-04	6.77E-05	2.50E-03
1684	495611.06, 3858851.99	0.05152	0.06441	0.03778	0.02125	2.08E-04	1.92E-03	2.41E-04	6.71E-05	2.44E-03	1.89E-04	0.00E+00	3.21E-06	1.83E-06	1.94E-04	2.41E-04	1.92E-03	2.41E-04	6.71E-05	2.47E-03
1685	495661.06, 3858851.99	0.05145	0.06406	0.03764	0.02113	2.08E-04	1.91E-03	2.40E-04	6.67E-05	2.43E-03	1.89E-04	0.00E+00	3.20E-06	1.82E-06	1.94E-04	2.41E-04	1.91E-03	2.40E-04	6.67E-05	2.46E-03
1686	494311.06, 3858901.99	0.065	0.08981	0.04943	0.02699	2.63E-04	2.68E-03	3.15E-04	8.52E-05	3.34E-03	2.39E-04	0.00E+00	4.20E-06	2.32E-06	2.46E-04	3.04E-04	2.68E-03	3.15E-04	8.52E-05	3.38E-03
1687	494361.06, 3858901.99	0.06663	0.0916	0.0507	0.02721	2.69E-04	2.73E-03	3.23E-04	8.59E-05	3.41E-03	2.45E-04	0.00E+00	4.31E-06	2.34E-06	2.52E-04	3.12E-04	2.73E-03	3.23E-04	8.59E-05	3.45E-03
1688	494411.06, 3858901.99	0.06678	0.09142	0.05075	0.0271	2.70E-04	2.73E-03	3.24E-04	8.56E-05	3.41E-03	2.46E-04	0.00E+00	4.32E-06	2.33E-06	2.52E-04	3.12E-04	2.73E-03	3.24E-04	8.56E-05	3.45E-03
1689	494461.06, 3858901.99	0.06679	0.0914	0.04904	0.02668	2.70E-04	2.73E-03	3.13E-04	8.42E-05	3.39E-03	2.46E-04	0.00E+00	4.17E-06	2.30E-06	2.52E-04	3.12E-04	2.73E-03	3.13E-04	8.42E-05	3.44E-03
1690	494511.06, 3858901.99	0.06674	0.09095	0.04894	0.02652	2.70E-04	2.71E-03	3.12E-04	8.37E-05	3.38E-03	2.45E-04	0.00E+00	4.16E-06	2.28E-06	2.52E-04	3.12E-04	2.71E-03	3.12E-04	8.37E-05	3.42E-03
1691	494561.06, 3858901.99	0.06605	0.08955	0.04846	0.02625	2.67E-04	2.67E-03	3.09E-04	8.29E-05	3.33E-03	2.43E-04	0.00E+00	4.12E-06	2.26E-06	2.49E-04	3.09E-04	2.67E-03	3.09E-04	8.29E-05	3.37E-03
1692	494611.06, 3858901.99	0.06474	0.08739	0.04758	0.02586	2.62E-04	2.61E-03	3.03E-04	8.16E-05	3.25E-03	2.38E-04	0.00E+00	4.05E-06	2.23E-06	2.44E-04	3.03E-04	2.61E-03	3.03E-04	8.16E-05	3.30E-03
1693	494661.06, 3858901.99	0.06406	0.08612	0.04707	0.0256	2.59E-04	2.57E-03	3.00E-04	8.08E-05	3.21E-03	2.36E-04	0.00E+00	4.00E-06	2.20E-06	2.42E-04	3.00E-04	2.57E-03	3.00E-04	8.08E-05	3.25E-03
1694	494711.06, 3858901.99	0.06283	0.08416	0.04619	0.02524	2.54E-04	2.51E-03	2.95E-04	7.97E-05	3.14E-03	2.31E-04	0.00E+00	3.93E-06	2.17E-06	2.37E-04	2.94E-04	2.51E-03	2.95E-04	7.97E-05	3.18E-03
1695	494761.06, 3858901.99	0.06134	0.08192	0.04512	0.02484	2.48E-04	2.44E-03	2.88E-04	7.84E-05	3.06E-03	2.26E-04	0.00E+00	3.84E-06	2.14E-06	2.31E-04	2.87E-04	2.44E-03	2.88E-04	7.84E-05	3.10E-03
1696	494811.06, 3858901.99	0.0605	0.08054	0.04447	0.02455	2.45E-04	2.40E-03	2.84E-04	7.75E-05	3.01E-03	2.22E-04	0.00E+00	3.78E-06	2.11E-06	2.28E-04	2.83E-04	2.40E-03	2.84E-04	7.75E-05	3.05E-03
1697	494861.06, 3858901.99	0.05989	0.07945	0.04398	0.02431	2.42E-04	2.37E-03	2.81E-04	7.68E-05	2.97E-03	2.20E-04	0.00E+00	3.74E-06	2.09E-06	2.26E-04	2.80E-04	2.37E-03	2.81E-04	7.68E-05	3.01E-03
1698	494911.06, 3858901.99	0.0584	0.07736	0.0429	0.02393	2.36E-04	2.31E-03	2.74E-04	7.56E-05	2.89E-03	2.15E-04	0.00E+00	3.65E-06	2.06E-06	2.20E-04	2.73E-04	2.31E-03	2.74E-04	7.56E-05	2.93E-03
1699	494961.06, 3858901.99	0.05764	0.07615	0.04231	0.02368	2.33E-04	2.27E-03	2.70E-04	7.48E-05	2.85E-03	2.12E-04	0.00E+00	3.60E-06	2.04E-06	2.18E-04	2.70E-04	2.27E-03	2.70E-04	7.48E-05	2.89E-03
1700	495011.06, 3858901.99	0.05689	0.07494	0.04173	0.02344	2.30E-04	2.24E-03	2.66E-04	7.40E-05	2.81E-03	2.09E-04	0.00E+00	3.55E-06	2.02E-06	2.15E-04	2.66E-04	2.24E-03	2.66E-04	7.40E-05	2.84E-03
1701	495061.06, 3858901.99	0.05575	0.07334	0.04092	0.02312	2.25E-04	2.19E-03	2.61E-04	7.30E-05	2.75E-03	2.05E-04	0.00E+00	3.48E-06	1.99E-06	2.10E-04	2.61E-04	2.19E-03	2.61E-04	7.30E-05	2.78E-03
1702	495111.06, 3858901.99	0.05409	0.07119	0.03982	0.02274	2.19E-04	2.12E-03	2.54E-04	7.18E-05	2.67E-03	1.99E-04	0.00E+00	3.39E-06	1.96E-06	2.04E-04	2.53E-04	2.12E-03	2.54E-04	7.18E-05	2.70E-03
1703	495161.06, 3858901.99	0.05366	0.0704	0.03948	0.02254	2.17E-04	2.10E-03	2.52E-04	7.12E-05	2.64E-03	1.97E-04	0.00E+00	3.36E-06	1.94E-06	2.03E-04	2.51E-04	2.10E-03	2.52E-04	7.12E-05	2.67E-03
1704	495211.06, 3858901.99	0.05409	0.07051	0.03965	0.0225	2.19E-04	2.10E-03	2.53E-04	7.10E-05	2.65E-03	1.99E-04	0.00E+00	3.37E-06	1.94E-06	2.04E-04	2.53E-04	2.10E-03	2.53E-04	7.10E-05	2.68E-03
1705	495261.06, 3858901.99	0.05407	0.07015	0.03954	0.02238	2.19E-04	2.09E-03	2.52E-04	7.07E-05	2.63E-03	1.99E-04	0.00E+00	3.36E-06	1.93E-06	2.04E-04	2.53E-04	2.09E-03	2.52E-04	7.07E-05	2.67E-03
1706	495311.06, 3858901.99	0.0539	0.06965	0.03936	0.02224	2.18E-04	2.08E-03	2.51E-04	7.02E-05	2.62E-03	1.98E-04	0.00E+00	3.35E-06	1.92E-06	2.03E-04	2.52E-04	2.08E-03	2.51E-04	7.02E-05	2.65E-03
1707	495361.06, 3858901.99	0.05377	0.0692	0.0392	0.02211	2.17E-04	2.06E-03	2.50E-04	6.98E-05	2.60E-03	1.98E-04	0.00E+00	3.33E-06	1.90E-06	2.03E-04	2.51E-04	2.06E-03	2.50E-04	6.98E-05	2.64E-03

1708	495411.06, 3858901.99	0.05388	0.069	0.03918	0.02202	2.18E-04	2.06E-03	2.50E-04	6.95E-05	2.60E-03	1.98E-04	0.00E+00	3.33E-06	1.90E-06	2.03E-04	2.52E-04	2.06E-03	2.50E-04	6.95E-05	2.63E-03
1709	495461.06, 3858901.99	0.0536	0.0684	0.03893	0.02187	2.17E-04	2.04E-03	2.48E-04	6.91E-05	2.57E-03	1.97E-04	0.00E+00	3.31E-06	1.88E-06	2.02E-04	2.51E-04	2.04E-03	2.48E-04	6.91E-05	2.61E-03
1710	495511.06, 3858901.99	0.0531	0.06758	0.03855	0.02167	2.15E-04	2.02E-03	2.46E-04	6.84E-05	2.55E-03	1.95E-04	0.00E+00	3.28E-06	1.87E-06	2.00E-04	2.48E-04	2.02E-03	2.46E-04	6.84E-05	2.58E-03
1711	495561.06, 3858901.99	0.05271	0.06688	0.03824	0.02151	2.13E-04	2.00E-03	2.44E-04	6.79E-05	2.52E-03	1.94E-04	0.00E+00	3.25E-06	1.85E-06	1.99E-04	2.47E-04	2.00E-03	2.44E-04	6.79E-05	2.55E-03
1712	495611.06, 3858901.99	0.05213	0.066	0.03784	0.02131	2.11E-04	1.97E-03	2.41E-04	6.73E-05	2.49E-03	1.92E-04	0.00E+00	3.22E-06	1.84E-06	1.97E-04	2.44E-04	1.97E-03	2.41E-04	6.73E-05	2.52E-03
1713	495661.06, 3858901.99	0.05213	0.06572	0.03776	0.02121	2.11E-04	1.96E-03	2.41E-04	6.70E-05	2.48E-03	1.92E-04	0.00E+00	3.21E-06	1.83E-06	1.97E-04	2.44E-04	1.96E-03	2.41E-04	6.70E-05	2.51E-03
1714	494311.06, 3858951.99	0.06703	0.09466	0.04971	0.02761	2.71E-04	2.82E-03	3.17E-04	8.72E-05	3.50E-03	2.46E-04	0.00E+00	4.23E-06	2.38E-06	2.53E-04	3.13E-04	2.82E-03	3.17E-04	8.72E-05	3.54E-03
1715	494361.06, 3858951.99	0.06759	0.09515	0.05014	0.02762	2.73E-04	2.84E-03	3.20E-04	8.72E-05	3.52E-03	2.48E-04	0.00E+00	4.26E-06	2.38E-06	2.55E-04	3.16E-04	2.84E-03	3.20E-04	8.72E-05	3.56E-03
1716	494411.06, 3858951.99	0.06713	0.09406	0.04972	0.02734	2.71E-04	2.81E-03	3.17E-04	8.63E-05	3.48E-03	2.47E-04	0.00E+00	4.23E-06	2.35E-06	2.53E-04	3.14E-04	2.81E-03	3.17E-04	8.63E-05	3.52E-03
1717	494461.06, 3858951.99	0.06718	0.09413	0.04809	0.02688	2.72E-04	2.81E-03	3.07E-04	8.49E-05	3.47E-03	2.47E-04	0.00E+00	4.09E-06	2.31E-06	2.53E-04	3.14E-04	2.81E-03	3.07E-04	8.49E-05	3.51E-03
1718	494511.06, 3858951.99	0.06685	0.09326	0.04788	0.02667	2.70E-04	2.78E-03	3.05E-04	8.42E-05	3.44E-03	2.46E-04	0.00E+00	4.07E-06	2.30E-06	2.52E-04	3.13E-04	2.78E-03	3.05E-04	8.42E-05	3.48E-03
1719	494561.06, 3858951.99	0.06619	0.09188	0.04749	0.02639	2.68E-04	2.74E-03	3.03E-04	8.33E-05	3.39E-03	2.43E-04	0.00E+00	4.04E-06	2.27E-06	2.50E-04	3.10E-04	2.74E-03	3.03E-04	8.33E-05	3.44E-03
1720	494611.06, 3858951.99	0.06515	0.08996	0.04687	0.02603	2.63E-04	2.68E-03	2.99E-04	8.22E-05	3.33E-03	2.40E-04	0.00E+00	3.99E-06	2.24E-06	2.46E-04	3.05E-04	2.68E-03	2.99E-04	8.22E-05	3.37E-03
1721	494661.06, 3858951.99	0.06419	0.08815	0.04627	0.0257	2.59E-04	2.63E-03	2.95E-04	8.11E-05	3.27E-03	2.36E-04	0.00E+00	3.94E-06	2.21E-06	2.42E-04	3.00E-04	2.63E-03	2.95E-04	8.11E-05	3.31E-03
1722	494711.06, 3858951.99	0.06274	0.08579	0.04534	0.02528	2.54E-04	2.56E-03	2.89E-04	7.98E-05	3.18E-03	2.31E-04	0.00E+00	3.86E-06	2.18E-06	2.37E-04	2.93E-04	2.56E-03	2.89E-04	7.98E-05	3.22E-03
1723	494761.06, 3858951.99	0.06169	0.08403	0.04463	0.02495	2.49E-04	2.51E-03	2.85E-04	7.88E-05	3.12E-03	2.27E-04	0.00E+00	3.80E-06	2.15E-06	2.33E-04	2.88E-04	2.51E-03	2.85E-04	7.88E-05	3.16E-03
1724	494811.06, 3858951.99	0.061	0.08276	0.04413	0.02469	2.47E-04	2.47E-03	2.81E-04	7.80E-05	3.08E-03	2.24E-04	0.00E+00	3.75E-06	2.13E-06	2.30E-04	2.85E-04	2.47E-03	2.81E-04	7.80E-05	3.11E-03
1725	494861.06, 3858951.99	0.0603	0.08149	0.04362	0.02443	2.44E-04	2.43E-03	2.78E-04	7.71E-05	3.03E-03	2.22E-04	0.00E+00	3.71E-06	2.10E-06	2.28E-04	2.82E-04	2.43E-03	2.78E-04	7.71E-05	3.07E-03
1726	494911.06, 3858951.99	0.0592	0.07976	0.04285	0.02409	2.39E-04	2.38E-03	2.73E-04	7.61E-05	2.97E-03	2.18E-04	0.00E+00	3.64E-06	2.07E-06	2.23E-04	2.77E-04	2.38E-03	2.73E-04	7.61E-05	3.01E-03
1727	494961.06, 3858951.99	0.0587	0.07878	0.04246	0.02387	2.37E-04	2.35E-03	2.71E-04	7.54E-05	2.93E-03	2.16E-04	0.00E+00	3.61E-06	2.06E-06	2.21E-04	2.75E-04	2.35E-03	2.71E-04	7.54E-05	2.97E-03
1728	495011.06, 3858951.99	0.05692	0.07632	0.04123	0.02344	2.30E-04	2.28E-03	2.63E-04	7.40E-05	2.84E-03	2.09E-04	0.00E+00	3.51E-06	2.02E-06	2.15E-04	2.66E-04	2.28E-03	2.63E-04	7.40E-05	2.88E-03
1729	495061.06, 3858951.99	0.05523	0.07403	0.04007	0.02303	2.23E-04	2.21E-03	2.56E-04	7.27E-05	2.76E-03	2.03E-04	0.00E+00	3.41E-06	1.98E-06	2.08E-04	2.58E-04	2.21E-03	2.56E-04	7.27E-05	2.80E-03
1730	495111.06, 3858951.99	0.05397	0.07229	0.03922	0.0227	2.18E-04	2.16E-03	2.50E-04	7.17E-05	2.70E-03	1.98E-04	0.00E+00	3.34E-06	1.95E-06	2.04E-04	2.52E-04	2.16E-03	2.50E-04	7.17E-05	2.73E-03
1731	495161.06, 3858951.99	0.05466	0.07268	0.03959	0.02269	2.21E-04	2.17E-03	2.53E-04	7.16E-05	2.71E-03	2.01E-04	0.00E+00	3.37E-06	1.95E-06	2.06E-04	2.56E-04	2.17E-03	2.53E-04	7.16E-05	2.75E-03
1732	495211.06, 3858951.99	0.05468	0.07235	0.03953	0.02258	2.21E-04	2.16E-03	2.52E-04	7.13E-05	2.70E-03	2.01E-04	0.00E+00	3.36E-06	1.94E-06	2.06E-04	2.56E-04	2.16E-03	2.52E-04	7.13E-05	2.74E-03
1733	495261.06, 3858951.99	0.05468	0.072	0.03947	0.02246	2.21E-04	2.15E-03	2.52E-04	7.09E-05	2.69E-03	2.01E-04	0.00E+00	3.36E-06	1.93E-06	2.06E-04	2.56E-04	2.15E-03	2.52E-04	7.09E-05	2.73E-03
1734	495311.06, 3858951.99	0.05411	0.07104	0.03904	0.02225	2.19E-04	2.12E-03	2.49E-04	7.03E-05	2.66E-03	1.99E-04	0.00E+00	3.32E-06	1.92E-06	2.04E-04	2.53E-04	2.12E-03	2.49E-04	7.03E-05	2.69E-03
1735	495361.06, 3858951.99	0.05418	0.07078	0.03902	0.02214	2.19E-04	2.11E-03	2.49E-04	6.99E-05	2.65E-03	1.99E-04	0.00E+00	3.32E-06	1.91E-06	2.04E-04	2.53E-04	2.11E-03	2.49E-04	6.99E-05	2.68E-03
1736	495411.06, 3858951.99	0.05435	0.07064	0.03906	0.02206	2.20E-04	2.11E-03	2.49E-04	6.97E-05	2.65E-03	2.00E-04	0.00E+00	3.32E-06	1.90E-06	2.05E-04	2.54E-04	2.11E-03	2.49E-04	6.97E-05	2.68E-03
1737	495461.06, 3858951.99	0.05415	0.07011	0.03887	0.02191	2.19E-04	2.09E-03	2.48E-04	6.92E-05	2.63E-03	1.99E-04	0.00E+00	3.31E-06	1.89E-06	2.04E-04	2.53E-04	2.09E-03	2.48E-04	6.92E-05	2.66E-03
1738	495511.06, 3858951.99	0.05417	0.06982	0.03881	0.02182	2.19E-04	2.08E-03	2.48E-04	6.89E-05	2.62E-03	1.99E-04	0.00E+00	3.30E-06	1.88E-06	2.04E-04	2.53E-04	2.08E-03	2.48E-04	6.89E-05	2.65E-03
1739	495561.06, 3858951.99	0.05328	0.06855	0.03819	0.02155	2.15E-04	2.05E-03	2.44E-04	6.80E-05	2.57E-03	1.96E-04	0.00E+00	3.25E-06	1.86E-06	2.01E-04	2.49E-04	2.05E-03	2.44E-04	6.80E-05	2.61E-03
1740	495611.06, 3858951.99	0.05279	0.06772	0.03783	0.02137	2.13E-04	2.02E-03	2.41E-04	6.75E-05	2.54E-03	1.94E-04	0.00E+00	3.22E-06	1.84E-06	1.99E-04	2.47E-04	2.02E-03	2.41E-04	6.75E-05	2.58E-03
1741	495661.06, 3858951.99	0.05282	0.06747	0.03778	0.02127	2.14E-04	2.01E-03	2.41E-04	6.72E-05	2.53E-03	1.94E-04	0.00E+00	3.21E-06	1.83E-06	1.99E-04	2.47E-04	2.01E-03	2.41E-04	6.72E-05	2.57E-03
1742	494311.06, 3859001.99	0.0681	0.09858	0.0489	0.02806	2.75E-04	2.94E-03	3.12E-04	8.86E-05	3.62E-03	2.50E-04	0.00E+00	4.16E-06	2.42E-06	2.57E-04	3.18E-04	2.94E-03	3.12E-04	8.86E-05	3.66E-03
1743	494361.06, 3859001.99	0.06801	0.09809	0.04846	0.02781	2.75E-04	2.93E-03	3.09E-04	8.78E-05	3.60E-03	2.50E-04	0.00E+00	4.12E-06	2.39E-06	2.57E-04	3.18E-04	2.93E-03	3.09E-04	8.78E-05	3.64E-03
1744	494411.06, 3859001.99	0.06774	0.09767	0.04703	0.02726	2.74E-04	2.91E-03	3.00E-04	8.61E-05	3.57E-03	2.49E-04	0.00E+00	4.00E-06	2.35E-06	2.55E-04	3.17E-04	2.91E-03	3.00E-04	8.61E-05	3.62E-03
1745	494461.06, 3859001.99	0.06745	0.09681	0.04687	0.02705	2.73E-04	2.89E-03	2.99E-04	8.54E-05	3.55E-03	2.48E-04	0.00E+00	3.99E-06	2.33E-06	2.54E-04	3.15E-04	2.89E-03	2.99E-04	8.54E-05	3.59E-03
1746	494511.06, 3859001.99	0.06714	0.09594	0.0467	0.02683	2.71E-04	2.86E-03	2.98E-04	8.47E-05	3.52E-03	2.47E-04	0.00E+00	3.97E-06	2.31E-06	2.53E-04	3.14E-04	2.86E-03	2.98E-04	8.47E-05	3.56E-03
1747	494561.06, 3859001.99	0.06618	0.09399	0.04625	0.02648	2.68E-04	2.80E-03	2.95E-04	8.36E-05	3.45E-03	2.43E-04	0.00E+00	3.93E-06	2.28E-06	2.50E-04	3.09E-04	2.80E-03	2.95E-04	8.36E-05	3.49E-03
1748	494611.06, 3859001.99	0.06529	0.0922	0.0458	0.02615	2.64E-04	2.75E-03	2.92E-04	8.26E-05	3.39E-03	2.40E-04	0.00E+00	3.90E-06	2.25E-06	2.46E-04	3.05E-04	2.75E-03	2.92E-04	8.26E-05	3.43E-03
1749	494661.06, 3859001.99	0.06416	0.09009	0.04519	0.02577	2.59E-04	2.69E-03	2.88E-04	8.14E-05	3.32E-03	2.36E-04	0.00E+00	3.84E-06	2.22E-06	2.42E-04	3.00E-04	2.69E-03	2.88E-04	8.14E-05	3.36E-03
1750	494711.06, 3859001.99	0.06279	0.08763	0.04441	0.02534	2.54E-04	2.61E-03	2.83E-04	8.00E-05	3.23E-03	2.31E-04	0.00E+00	3.78E-06	2.18E-06	2.37E-04	2.94E-04	2.61E-03	2.83E-04	8.00E-05	3.27E-03
1751	494761.06, 3859001.99	0.06199	0.08612	0.04392	0.02504	2.51E-04	2.57E-03	2.80E-04	7.91E-05	3.18E-03	2.28E-04	0.00E+00	3.74E-06	2.16E-06	2.34E-04	2.90E-04	2.57E-03	2.80E-04	7.91E-05	3.22E-03
1752	494811.06, 3859001.99	0.06154	0.08513	0.04362	0.02482	2.49E-04	2.54E-03	2.78E-04	7.84E-05	3.15E-03	2.26E-04	0.00E+00	3.71E-06	2.14E-06	2.32E-04	2.88E-04	2.54E-03	2.78E-04	7.84E-05	3.18E-03
1753	494861.06, 3859001.99	0.06064	0.08353	0.04305	0.02451	2.45E-04	2.49E-03	2.75E-04	7.74E-05	3.09E-03	2.23E-04	0.00E+00	3.66E-06	2.11E-06	2.29E-04	2.84E-04	2.49E-03	2.75E-04	7.74E-05	3.13E-03
1754	494911.06, 3859001.99	0.05967	0.08187	0.04241	0.0242	2.41E-04	2.44E-03	2.71E-04	7.64E-05	3.03E-03	2.19E-04	0.00E+00	3.61E-06	2.08E-06	2.25E-04	2.79E-04	2.44E-03	2.71E-04	7.64E-05	3.07E-03
1755	494961.06, 3859001.99	0.05867	0.0802	0.04175	0.02389	2.37E-04	2.39E-03	2.66E-04	7.54E-05	2.97E-03	2.16E-04	0.00E+00	3.55E-06	2.06E-06	2.21E-04	2.74E-04	2.39E-03	2.66E-04	7.54E-05	3.01E-03
1756	495011.06, 3859001.99	0.05578	0.07633	0.03986	0.02323	2.25E-04	2.28E-03	2.54E-04	7.33E-05	2.83E-03	2.05E-04	0.00E+00	3.39E-06	2.00E-06	2.10E-04	2.61E-04	2.28E-03	2.54E-04	7.33E-05	2.87E-03
1757	495061.06, 3859001.99	0.0553	0.07539	0.03951	0.02302	2.24E-04	2.25E-03	2.52E-04	7.27E-05	2.80E-03	2.03E-04	0.00E+00	3.36E-06	1.98E-06	2.09E-04	2.59E-04	2.25E-03	2.52E-04	7.27E-05	2.83E-03
1758	495111.06, 3859001.99	0.05413	0.07367	0.03873	0.0227	2.19E-04	2.20E-03	2.47E-04	7.17E-05	2.74E-03	1.99E-04	0.00E+00	3.29E-06	1.95E-06	2.04E-04	2.53E-04	2.20E-03	2.47E-04	7.17E-05	2.77E-03
1759	495161.06, 3859001.99	0.0552	0.07454	0.03936	0.02275	2.23E-04	2.22E-03	2.51E-04	7.18E-05	2.77E-03	2.03E-04	0.00E+00	3.35E-06	1.96E-06	2.08E-04	2.58E-04	2.22E-03	2.51E-04	7.18E-05	2.80E-03
1760	495211.06, 3859001.99	0.05503	0.07398	0.03921	0.0226	2.22E-04	2.21E-03	2.50E-04	7.14E-05	2.75E-03	2.02E-04	0.00E+00	3.33E-06	1.95E-06	2.08E-04	2.57E-04	2.21E-03	2.50E-04	7.14E-05	2.79E-03
1761	495261.06, 3859001.99	0.0551	0.0737	0.03921	0.0225	2.23E-04	2.20E-03	2.50E-04	7.10E-05	2.74E-03	2.03E-04	0.00E+00	3.33E-06	1.94E-06	2.08E-04	2.58E-04	2.20E-03	2.50E-04	7.10E-05	2.78E-03
1762	495311.06, 3859001.99	0.05486	0.07308	0.03901	0.02233	2.22E-04	2.18E-03	2.49E-04	7.05E-05	2.72E-03	2.02E-04	0.00E+00	3.32E-06	1.92E-06	2.07E-04	2.57E-04	2.18E-03	2.49E-04	7.05E-05	2.76E-03
1763	495361.06, 3859001.99	0.0549	0.07278	0.03899	0.02223	2.22E-04	2.17E-03	2.49E-04	7.02E-05	2.71E-03	2.02E-04	0.00E+00	3.32E-06	1.91E-06	2.07E-04	2.57E-04	2.17E-03	2.49E-04	7.02E-05	2.75E-03
1764	495411.06, 3859001.99	0.05479	0.07232	0.03887	0.0221	2.21E-04	2.16E-03	2.48E-04	6.98E-05	2.70E-03	2.01E-04	0.00E+00	3.31E-06	1.90E-06	2.07E-04	2.56E-04	2.16E-03	2.48E-04	6.98E-05	2.73E-03
1765	495461.06, 3859001.99	0.05475	0.07195	0.0388	0.02198	2.21E-04	2.15E-03	2.47E-04	6.94E-05	2.68E-03	2.01E-04	0.00E+00	3.30E-06	1.89E-06	2.06E-04	2.56E-04	2.15E-03	2.47E-04	6.94E-05	2.72E-03
1766	495511.06, 3859001.99	0.0541	0.07088	0.03833	0.02176	2.19E-04	2.11E-03	2.44E-04	6.87E-05	2.65E-03	1.99E-04	0.00E+00	3.26E-06	1.87E-06	2.04E-04	2.53E-04	2.11E-03	2.44E-04	6.87E-05	2.68E-03

1767	495561.06, 3859001.99	0.05376	0.07017	0.03807	0.02159	2.17E-04	2.09E-03	2.43E-04	6.82E-05	2.62E-03	1.98E-04	0.00E+00	3.24E-06	1.86E-06	2.03E-04	2.51E-04	2.09E-03	2.43E-04	6.82E-05	2.66E-03
1768	495611.06, 3859001.99	0.05337	0.06942	0.03778	0.02142	2.16E-04	2.07E-03	2.41E-04	6.76E-05	2.60E-03	1.96E-04	0.00E+00	3.21E-06	1.84E-06	2.01E-04	2.50E-04	2.07E-03	2.41E-04	6.76E-05	2.63E-03
1769	495661.06, 3859001.99	0.05374	0.06954	0.03797	0.02137	2.17E-04	2.07E-03	2.42E-04	6.75E-05	2.60E-03	1.98E-04	0.00E+00	3.23E-06	1.84E-06	2.03E-04	2.51E-04	2.07E-03	2.42E-04	6.75E-05	2.64E-03
1770	494311.06, 3859051.99	0.06865	0.102	0.04722	0.02826	2.77E-04	3.04E-03	3.01E-04	8.92E-05	3.71E-03	2.52E-04	0.00E+00	4.02E-06	2.43E-06	2.59E-04	3.21E-04	3.04E-03	3.01E-04	8.92E-05	3.75E-03
1771	494361.06, 3859051.99	0.06851	0.10183	0.04585	0.02766	2.77E-04	3.04E-03	2.92E-04	8.73E-05	3.69E-03	2.52E-04	0.00E+00	3.90E-06	2.38E-06	2.58E-04	3.20E-04	3.04E-03	2.92E-04	8.73E-05	3.74E-03
1772	494411.06, 3859051.99	0.06805	0.10063	0.04567	0.02741	2.75E-04	3.00E-03	2.91E-04	8.65E-05	3.66E-03	2.50E-04	0.00E+00	3.88E-06	2.36E-06	2.56E-04	3.18E-04	3.00E-03	2.91E-04	8.65E-05	3.70E-03
1773	494461.06, 3859051.99	0.06749	0.09924	0.04545	0.02714	2.73E-04	2.96E-03	2.90E-04	8.57E-05	3.61E-03	2.48E-04	0.00E+00	3.87E-06	2.34E-06	2.54E-04	3.16E-04	2.96E-03	2.90E-04	8.57E-05	3.65E-03
1774	494511.06, 3859051.99	0.06675	0.09753	0.04516	0.02682	2.70E-04	2.91E-03	2.88E-04	8.47E-05	3.55E-03	2.45E-04	0.00E+00	3.84E-06	2.31E-06	2.52E-04	3.12E-04	2.91E-03	2.88E-04	8.47E-05	3.59E-03
1775	494561.06, 3859051.99	0.06612	0.09606	0.04489	0.02654	2.67E-04	2.87E-03	2.86E-04	8.38E-05	3.50E-03	2.43E-04	0.00E+00	3.82E-06	2.29E-06	2.49E-04	3.09E-04	2.87E-03	2.86E-04	8.38E-05	3.55E-03
1776	494611.06, 3859051.99	0.06522	0.09416	0.04451	0.02619	2.64E-04	2.81E-03	2.84E-04	8.27E-05	3.44E-03	2.40E-04	0.00E+00	3.79E-06	2.26E-06	2.46E-04	3.05E-04	2.81E-03	2.84E-04	8.27E-05	3.48E-03
1777	494661.06, 3859051.99	0.06424	0.09215	0.04405	0.02583	2.60E-04	2.75E-03	2.81E-04	8.16E-05	3.37E-03	2.36E-04	0.00E+00	3.75E-06	2.22E-06	2.42E-04	3.00E-04	2.75E-03	2.81E-04	8.16E-05	3.41E-03
1778	494711.06, 3859051.99	0.06331	0.0903	0.04359	0.02549	2.56E-04	2.69E-03	2.78E-04	8.05E-05	3.31E-03	2.33E-04	0.00E+00	3.71E-06	2.19E-06	2.39E-04	2.96E-04	2.69E-03	2.78E-04	8.05E-05	3.35E-03
1779	494761.06, 3859051.99	0.06232	0.08841	0.04307	0.02514	2.52E-04	2.64E-03	2.75E-04	7.94E-05	3.24E-03	2.29E-04	0.00E+00	3.66E-06	2.16E-06	2.35E-04	2.91E-04	2.64E-03	2.75E-04	7.94E-05	3.28E-03
1780	494811.06, 3859051.99	0.06164	0.08702	0.0427	0.02486	2.49E-04	2.60E-03	2.72E-04	7.85E-05	3.20E-03	2.27E-04	0.00E+00	3.63E-06	2.14E-06	2.32E-04	2.88E-04	2.60E-03	2.72E-04	7.85E-05	3.24E-03
1781	494861.06, 3859051.99	0.06094	0.08557	0.04229	0.02459	2.46E-04	2.55E-03	2.70E-04	7.76E-05	3.15E-03	2.24E-04	0.00E+00	3.60E-06	2.12E-06	2.30E-04	2.85E-04	2.55E-03	2.70E-04	7.76E-05	3.19E-03
1782	494911.06, 3859051.99	0.05978	0.08357	0.04161	0.02422	2.42E-04	2.49E-03	2.65E-04	7.65E-05	3.08E-03	2.20E-04	0.00E+00	3.54E-06	2.09E-06	2.25E-04	2.80E-04	2.49E-03	2.65E-04	7.65E-05	3.11E-03
1783	494961.06, 3859051.99	0.05798	0.08077	0.04051	0.02375	2.34E-04	2.41E-03	2.58E-04	7.50E-05	2.98E-03	2.13E-04	0.00E+00	3.45E-06	2.05E-06	2.19E-04	2.71E-04	2.41E-03	2.58E-04	7.50E-05	3.01E-03
1784	495011.06, 3859051.99	0.05664	0.07867	0.03967	0.02336	2.29E-04	2.35E-03	2.53E-04	7.38E-05	2.90E-03	2.08E-04	0.00E+00	3.37E-06	2.01E-06	2.14E-04	2.65E-04	2.35E-03	2.53E-04	7.38E-05	2.94E-03
1785	495061.06, 3859051.99	0.05578	0.07723	0.03912	0.02307	2.25E-04	2.30E-03	2.50E-04	7.28E-05	2.85E-03	2.05E-04	0.00E+00	3.33E-06	1.99E-06	2.10E-04	2.61E-04	2.30E-03	2.50E-04	7.28E-05	2.89E-03
1786	495111.06, 3859051.99	0.05536	0.07635	0.03884	0.02288	2.24E-04	2.28E-03	2.48E-04	7.22E-05	2.82E-03	2.04E-04	0.00E+00	3.30E-06	1.97E-06	2.09E-04	2.59E-04	2.28E-03	2.48E-04	7.22E-05	2.86E-03
1787	495161.06, 3859051.99	0.0559	0.07663	0.03914	0.02285	2.26E-04	2.29E-03	2.50E-04	7.21E-05	2.83E-03	2.06E-04	0.00E+00	3.33E-06	1.97E-06	2.11E-04	2.61E-04	2.29E-03	2.50E-04	7.21E-05	2.87E-03
1788	495211.06, 3859051.99	0.05538	0.07563	0.0388	0.02263	2.24E-04	2.26E-03	2.47E-04	7.15E-05	2.80E-03	2.04E-04	0.00E+00	3.30E-06	1.95E-06	2.09E-04	2.59E-04	2.26E-03	2.47E-04	7.15E-05	2.83E-03
1789	495261.06, 3859051.99	0.05566	0.07561	0.03894	0.02256	2.25E-04	2.26E-03	2.48E-04	7.12E-05	2.80E-03	2.05E-04	0.00E+00	3.31E-06	1.94E-06	2.10E-04	2.60E-04	2.26E-03	2.48E-04	7.12E-05	2.84E-03
1790	495311.06, 3859051.99	0.05535	0.07487	0.03872	0.02238	2.24E-04	2.23E-03	2.47E-04	7.07E-05	2.77E-03	2.03E-04	0.00E+00	3.29E-06	1.93E-06	2.09E-04	2.59E-04	2.23E-03	2.47E-04	7.07E-05	2.81E-03
1791	495361.06, 3859051.99	0.05527	0.07443	0.03865	0.02225	2.23E-04	2.22E-03	2.47E-04	7.03E-05	2.76E-03	2.03E-04	0.00E+00	3.29E-06	1.92E-06	2.08E-04	2.58E-04	2.22E-03	2.47E-04	7.03E-05	2.80E-03
1792	495411.06, 3859051.99	0.05536	0.0742	0.03867	0.02215	2.24E-04	2.21E-03	2.47E-04	6.99E-05	2.75E-03	2.04E-04	0.00E+00	3.29E-06	1.91E-06	2.09E-04	2.59E-04	2.21E-03	2.47E-04	6.99E-05	2.79E-03
1793	495461.06, 3859051.99	0.05542	0.07394	0.03869	0.02205	2.24E-04	2.21E-03	2.47E-04	6.96E-05	2.75E-03	2.04E-04	0.00E+00	3.29E-06	1.90E-06	2.09E-04	2.59E-04	2.21E-03	2.47E-04	6.96E-05	2.78E-03
1794	495511.06, 3859051.99	0.05475	0.0728	0.03823	0.02182	2.21E-04	2.17E-03	2.44E-04	6.89E-05	2.71E-03	2.01E-04	0.00E+00	3.25E-06	1.88E-06	2.06E-04	2.56E-04	2.17E-03	2.44E-04	6.89E-05	2.74E-03
1795	495561.06, 3859051.99	0.05427	0.0719	0.0379	0.02163	2.19E-04	2.15E-03	2.42E-04	6.83E-05	2.67E-03	2.00E-04	0.00E+00	3.22E-06	1.86E-06	2.05E-04	2.54E-04	2.15E-03	2.42E-04	6.83E-05	2.71E-03
1796	495611.06, 3859051.99	0.05386	0.07109	0.0376	0.02144	2.18E-04	2.12E-03	2.40E-04	6.77E-05	2.65E-03	1.98E-04	0.00E+00	3.20E-06	1.85E-06	2.03E-04	2.52E-04	2.12E-03	2.40E-04	6.77E-05	2.68E-03
1797	495661.06, 3859051.99	0.05416	0.07114	0.03777	0.02139	2.19E-04	2.12E-03	2.41E-04	6.75E-05	2.65E-03	1.99E-04	0.00E+00	3.21E-06	1.84E-06	2.04E-04	2.53E-04	2.12E-03	2.41E-04	6.75E-05	2.68E-03
1798	494311.06, 3859101.99	0.06898	0.10575	0.04452	0.02797	2.79E-04	3.15E-03	2.84E-04	8.83E-05	3.81E-03	2.54E-04	0.00E+00	3.79E-06	2.41E-06	2.60E-04	3.23E-04	3.15E-03	2.84E-04	8.83E-05	3.85E-03
1799	494361.06, 3859101.99	0.06858	0.10461	0.04437	0.02773	2.77E-04	3.12E-03	2.83E-04	8.76E-05	3.77E-03	2.52E-04	0.00E+00	3.77E-06	2.39E-06	2.58E-04	3.21E-04	3.12E-03	2.83E-04	8.76E-05	3.81E-03
1800	494411.06, 3859101.99	0.06827	0.10368	0.04424	0.02751	2.76E-04	3.09E-03	2.82E-04	8.69E-05	3.74E-03	2.51E-04	0.00E+00	3.76E-06	2.37E-06	2.57E-04	3.19E-04	3.09E-03	2.82E-04	8.69E-05	3.78E-03
1801	494461.06, 3859101.99	0.0677	0.10216	0.04406	0.02723	2.74E-04	3.05E-03	2.81E-04	8.60E-05	3.69E-03	2.49E-04	0.00E+00	3.75E-06	2.34E-06	2.55E-04	3.17E-04	3.05E-03	2.81E-04	8.60E-05	3.73E-03
1802	494511.06, 3859101.99	0.06684	0.10005	0.0438	0.02689	2.70E-04	2.98E-03	2.79E-04	8.49E-05	3.62E-03	2.46E-04	0.00E+00	3.73E-06	2.32E-06	2.52E-04	3.13E-04	2.98E-03	2.79E-04	8.49E-05	3.66E-03
1803	494561.06, 3859101.99	0.06616	0.09839	0.04356	0.02659	2.67E-04	2.94E-03	2.78E-04	8.40E-05	3.56E-03	2.43E-04	0.00E+00	3.70E-06	2.29E-06	2.49E-04	3.09E-04	2.94E-03	2.78E-04	8.40E-05	3.61E-03
1804	494611.06, 3859101.99	0.06506	0.09596	0.04316	0.02619	2.63E-04	2.86E-03	2.75E-04	8.27E-05	3.48E-03	2.39E-04	0.00E+00	3.67E-06	2.26E-06	2.45E-04	3.04E-04	2.86E-03	2.75E-04	8.27E-05	3.53E-03
1805	494661.06, 3859101.99	0.06437	0.09439	0.04288	0.0259	2.60E-04	2.82E-03	2.74E-04	8.18E-05	3.43E-03	2.37E-04	0.00E+00	3.65E-06	2.23E-06	2.43E-04	3.01E-04	2.82E-03	2.74E-04	8.18E-05	3.47E-03
1806	494711.06, 3859101.99	0.06307	0.09179	0.04232	0.02546	2.55E-04	2.74E-03	2.70E-04	8.04E-05	3.34E-03	2.32E-04	0.00E+00	3.60E-06	2.19E-06	2.38E-04	2.95E-04	2.74E-03	2.70E-04	8.04E-05	3.38E-03
1807	494761.06, 3859101.99	0.06278	0.09095	0.04218	0.02526	2.54E-04	2.71E-03	2.69E-04	7.98E-05	3.32E-03	2.31E-04	0.00E+00	3.59E-06	2.18E-06	2.37E-04	2.94E-04	2.71E-03	2.69E-04	7.98E-05	3.36E-03
1808	494811.06, 3859101.99	0.06193	0.08921	0.04178	0.02494	2.50E-04	2.66E-03	2.66E-04	7.87E-05	3.26E-03	2.28E-04	0.00E+00	3.55E-06	2.15E-06	2.33E-04	2.90E-04	2.66E-03	2.66E-04	7.87E-05	3.30E-03
1809	494861.06, 3859101.99	0.06118	0.08767	0.0414	0.02464	2.47E-04	2.62E-03	2.64E-04	7.78E-05	3.20E-03	2.25E-04	0.00E+00	3.52E-06	2.12E-06	2.31E-04	2.86E-04	2.62E-03	2.64E-04	7.78E-05	3.24E-03
1810	494911.06, 3859101.99	0.06002	0.08547	0.04079	0.02426	2.43E-04	2.55E-03	2.60E-04	7.66E-05	3.13E-03	2.21E-04	0.00E+00	3.47E-06	2.09E-06	2.26E-04	2.81E-04	2.55E-03	2.60E-04	7.66E-05	3.17E-03
1811	494961.06, 3859101.99	0.05816	0.08244	0.03976	0.02375	2.35E-04	2.46E-03	2.54E-04	7.50E-05	3.02E-03	2.14E-04	0.00E+00	3.38E-06	2.05E-06	2.19E-04	2.72E-04	2.46E-03	2.54E-04	7.50E-05	3.06E-03
1812	495011.06, 3859101.99	0.05615	0.07937	0.03858	0.02325	2.27E-04	2.37E-03	2.46E-04	7.34E-05	2.91E-03	2.06E-04	0.00E+00	3.28E-06	2.00E-06	2.12E-04	2.63E-04	2.37E-03	2.46E-04	7.34E-05	2.95E-03
1813	495061.06, 3859101.99	0.05627	0.07915	0.03863	0.02314	2.27E-04	2.36E-03	2.46E-04	7.31E-05	2.91E-03	2.07E-04	0.00E+00	3.29E-06	1.99E-06	2.12E-04	2.63E-04	2.36E-03	2.46E-04	7.31E-05	2.94E-03
1814	495111.06, 3859101.99	0.05578	0.07814	0.03834	0.02292	2.25E-04	2.33E-03	2.45E-04	7.24E-05	2.87E-03	2.05E-04	0.00E+00	3.26E-06	1.97E-06	2.10E-04	2.61E-04	2.33E-03	2.45E-04	7.24E-05	2.91E-03
1815	495161.06, 3859101.99	0.05628	0.07842	0.03862	0.02289	2.27E-04	2.34E-03	2.46E-04	7.23E-05	2.89E-03	2.07E-04	0.00E+00	3.28E-06	1.97E-06	2.12E-04	2.63E-04	2.34E-03	2.46E-04	7.23E-05	2.92E-03
1816	495211.06, 3859101.99	0.05585	0.07749	0.03836	0.02268	2.26E-04	2.31E-03	2.45E-04	7.16E-05	2.85E-03	2.05E-04	0.00E+00	3.26E-06	1.95E-06	2.11E-04	2.61E-04	2.31E-03	2.45E-04	7.16E-05	2.89E-03
1817	495261.06, 3859101.99	0.05595	0.07728	0.03841	0.02258	2.26E-04	2.31E-03	2.45E-04	7.13E-05	2.85E-03	2.06E-04	0.00E+00	3.27E-06	1.94E-06	2.11E-04	2.62E-04	2.31E-03	2.45E-04	7.13E-05	2.88E-03
1818	495311.06, 3859101.99	0.05596	0.07668	0.03861	0.02251	2.26E-04	2.29E-03	2.46E-04	7.11E-05	2.83E-03	2.06E-04	0.00E+00	3.28E-06	1.94E-06	2.11E-04	2.62E-04	2.29E-03	2.46E-04	7.11E-05	2.87E-03
1819	495361.06, 3859101.99	0.05599	0.07663	0.03841	0.02235	2.26E-04	2.29E-03	2.45E-04	7.06E-05	2.83E-03	2.06E-04	0.00E+00	3.27E-06	1.92E-06	2.11E-04	2.62E-04	2.29E-03	2.45E-04	7.06E-05	2.86E-03
1820	495411.06, 3859101.99	0.05595	0.07624	0.03837	0.02222	2.26E-04	2.27E-03	2.45E-04	7.02E-05	2.82E-03	2.06E-04	0.00E+00	3.26E-06	1.91E-06	2.11E-04	2.62E-04	2.27E-03	2.45E-04	7.02E-05	2.85E-03
1821	495461.06, 3859101.99	0.05578	0.07542	0.03852	0.02214	2.25E-04	2.25E-03	2.46E-04	6.99E-05	2.79E-03	2.05E-04	0.00E+00	3.28E-06	1.91E-06	2.10E-04	2.61E-04	2.25E-03	2.46E-04	6.99E-05	2.83E-03
1822	495511.06, 3859101.99	0.0556	0.07485	0.0384	0.02199	2.25E-04	2.23E-03	2.45E-04	6.94E-05	2.77E-03	2.04E-04	0.00E+00	3.27E-06	1.89E-06	2.10E-04	2.60E-04	2.23E-03	2.45E-04	6.94E-05	2.81E-03
1823	495561.06, 3859101.99	0.05496	0.07395	0.03773	0.02171	2.22E-04	2.21E-03	2.41E-04	6.85E-05	2.74E-03	2.02E-04	0.00E+00	3.21E-06	1.87E-06	2.07E-04	2.57E-04	2.21E-03	2.41E-04	6.85E-05	2.77E-03
1824	495611.06, 3859101.99	0.05446	0.07299	0.03741	0.0215	2.20E-04	2.18E-03	2.39E-04	6.79E-05	2.70E-03	2.00E-04	0.00E+00	3.18E-06	1.85E-06	2.05E-04	2.55E-04	2.18E-03	2.39E-04	6.79E-05	2.74E-03
1825	495661.06, 3859101.99	0.05451	0.07273	0.03742	0.0214	2.20E-04	2.17E-03	2.39E-04	6.76E-05	2.70E-03	2.00E-04	0.00E+00	3.18E-06	1.84E-06	2.05E-04	2.55E-04	2.17E-03	2.39E-04	6.76E-05	2.73E-03

1826	494311.06, 3859151.99	0.06903	0.10885	0.04305	0.02799	2.79E-04	3.25E-03	2.75E-04	8.84E-05	3.89E-03	2.54E-04	0.00E+00	3.66E-06	2.41E-06	2.60E-04	3.23E-04	3.25E-03	2.75E-04	8.84E-05	3.93E-03
1827	494361.06, 3859151.99	0.06878	0.10802	0.04292	0.02778	2.78E-04	3.22E-03	2.74E-04	8.77E-05	3.86E-03	2.53E-04	0.00E+00	3.65E-06	2.39E-06	2.59E-04	3.22E-04	3.22E-03	2.74E-04	8.77E-05	3.91E-03
1828	494411.06, 3859151.99	0.06815	0.10619	0.04278	0.02748	2.75E-04	3.17E-03	2.73E-04	8.68E-05	3.80E-03	2.51E-04	0.00E+00	3.64E-06	2.37E-06	2.57E-04	3.19E-04	3.17E-03	2.73E-04	8.68E-05	3.85E-03
1829	494461.06, 3859151.99	0.06749	0.10434	0.04262	0.02719	2.73E-04	3.11E-03	2.72E-04	8.58E-05	3.74E-03	2.48E-04	0.00E+00	3.62E-06	2.34E-06	2.54E-04	3.16E-04	3.11E-03	2.72E-04	8.58E-05	3.79E-03
1830	494511.06, 3859151.99	0.06661	0.10204	0.0424	0.02684	2.69E-04	3.04E-03	2.70E-04	8.47E-05	3.67E-03	2.45E-04	0.00E+00	3.61E-06	2.31E-06	2.51E-04	3.12E-04	3.04E-03	2.70E-04	8.47E-05	3.71E-03
1831	494561.06, 3859151.99	0.06608	0.1006	0.04223	0.02657	2.67E-04	3.00E-03	2.69E-04	8.39E-05	3.62E-03	2.43E-04	0.00E+00	3.59E-06	2.29E-06	2.49E-04	3.09E-04	3.00E-03	2.69E-04	8.39E-05	3.66E-03
1832	494611.06, 3859151.99	0.06516	0.09835	0.04195	0.02622	2.63E-04	2.93E-03	2.68E-04	8.28E-05	3.55E-03	2.40E-04	0.00E+00	3.57E-06	2.26E-06	2.45E-04	3.05E-04	2.93E-03	2.68E-04	8.28E-05	3.59E-03
1833	494661.06, 3859151.99	0.06456	0.09686	0.04174	0.02594	2.61E-04	2.89E-03	2.66E-04	8.19E-05	3.50E-03	2.37E-04	0.00E+00	3.55E-06	2.23E-06	2.43E-04	3.02E-04	2.89E-03	2.66E-04	8.19E-05	3.54E-03
1834	494711.06, 3859151.99	0.06406	0.09557	0.04154	0.02569	2.59E-04	2.85E-03	2.65E-04	8.11E-05	3.46E-03	2.36E-04	0.00E+00	3.53E-06	2.21E-06	2.41E-04	3.00E-04	2.85E-03	2.65E-04	8.11E-05	3.50E-03
1835	494761.06, 3859151.99	0.06292	0.0931	0.04111	0.02529	2.54E-04	2.78E-03	2.62E-04	7.98E-05	3.37E-03	2.31E-04	0.00E+00	3.50E-06	2.18E-06	2.37E-04	2.94E-04	2.78E-03	2.62E-04	7.98E-05	3.41E-03
1836	494811.06, 3859151.99	0.06196	0.09104	0.04071	0.02494	2.50E-04	2.72E-03	2.60E-04	7.87E-05	3.30E-03	2.28E-04	0.00E+00	3.46E-06	2.15E-06	2.33E-04	2.90E-04	2.72E-03	2.60E-04	7.87E-05	3.34E-03
1837	494861.06, 3859151.99	0.06135	0.08967	0.04044	0.02467	2.48E-04	2.68E-03	2.58E-04	7.79E-05	3.26E-03	2.26E-04	0.00E+00	3.44E-06	2.12E-06	2.31E-04	2.87E-04	2.68E-03	2.58E-04	7.79E-05	3.30E-03
1838	494911.06, 3859151.99	0.0601	0.08725	0.03985	0.02426	2.43E-04	2.60E-03	2.54E-04	7.66E-05	3.18E-03	2.21E-04	0.00E+00	3.39E-06	2.09E-06	2.26E-04	2.81E-04	2.60E-03	2.54E-04	7.66E-05	3.21E-03
1839	494961.06, 3859151.99	0.05847	0.08401	0.03919	0.02383	2.36E-04	2.51E-03	2.50E-04	7.52E-05	3.07E-03	2.15E-04	0.00E+00	3.33E-06	2.05E-06	2.20E-04	2.73E-04	2.51E-03	2.50E-04	7.52E-05	3.10E-03
1840	495011.06, 3859151.99	0.05661	0.08128	0.03801	0.02327	2.29E-04	2.42E-03	2.42E-04	7.35E-05	2.97E-03	2.08E-04	0.00E+00	3.23E-06	2.00E-06	2.13E-04	2.65E-04	2.42E-03	2.42E-04	7.35E-05	3.01E-03
1841	495061.06, 3859151.99	0.05652	0.0808	0.03796	0.02313	2.28E-04	2.41E-03	2.42E-04	7.30E-05	2.95E-03	2.08E-04	0.00E+00	3.23E-06	1.99E-06	2.13E-04	2.64E-04	2.41E-03	2.42E-04	7.30E-05	2.99E-03
1842	495111.06, 3859151.99	0.05627	0.08009	0.03782	0.02296	2.27E-04	2.39E-03	2.41E-04	7.25E-05	2.93E-03	2.07E-04	0.00E+00	3.22E-06	1.98E-06	2.12E-04	2.63E-04	2.39E-03	2.41E-04	7.25E-05	2.97E-03
1843	495161.06, 3859151.99	0.05672	0.08037	0.03807	0.02292	2.29E-04	2.40E-03	2.43E-04	7.24E-05	2.94E-03	2.09E-04	0.00E+00	3.24E-06	1.97E-06	2.14E-04	2.65E-04	2.40E-03	2.43E-04	7.24E-05	2.98E-03
1844	495211.06, 3859151.99	0.05654	0.07975	0.03796	0.02276	2.29E-04	2.38E-03	2.42E-04	7.19E-05	2.92E-03	2.08E-04	0.00E+00	3.23E-06	1.96E-06	2.13E-04	2.64E-04	2.38E-03	2.42E-04	7.19E-05	2.96E-03
1845	495261.06, 3859151.99	0.05637	0.07917	0.03787	0.02261	2.28E-04	2.36E-03	2.42E-04	7.14E-05	2.90E-03	2.07E-04	0.00E+00	3.22E-06	1.95E-06	2.12E-04	2.64E-04	2.36E-03	2.42E-04	7.14E-05	2.94E-03
1846	495311.06, 3859151.99	0.05628	0.07871	0.03782	0.02247	2.27E-04	2.35E-03	2.41E-04	7.09E-05	2.89E-03	2.07E-04	0.00E+00	3.22E-06	1.93E-06	2.12E-04	2.63E-04	2.35E-03	2.41E-04	7.09E-05	2.92E-03
1847	495361.06, 3859151.99	0.05614	0.07817	0.03774	0.02233	2.27E-04	2.33E-03	2.41E-04	7.05E-05	2.87E-03	2.06E-04	0.00E+00	3.21E-06	1.92E-06	2.12E-04	2.63E-04	2.33E-03	2.41E-04	7.05E-05	2.91E-03
1848	495411.06, 3859151.99	0.05651	0.07835	0.03794	0.02228	2.28E-04	2.34E-03	2.42E-04	7.03E-05	2.88E-03	2.08E-04	0.00E+00	3.23E-06	1.92E-06	2.13E-04	2.64E-04	2.34E-03	2.42E-04	7.03E-05	2.91E-03
1849	495461.06, 3859151.99	0.0564	0.07787	0.03788	0.02215	2.28E-04	2.32E-03	2.42E-04	6.99E-05	2.86E-03	2.07E-04	0.00E+00	3.22E-06	1.91E-06	2.12E-04	2.64E-04	2.32E-03	2.42E-04	6.99E-05	2.90E-03
1850	495511.06, 3859151.99	0.05584	0.07674	0.03756	0.02192	2.26E-04	2.29E-03	2.40E-04	6.92E-05	2.82E-03	2.05E-04	0.00E+00	3.19E-06	1.89E-06	2.10E-04	2.61E-04	2.29E-03	2.40E-04	6.92E-05	2.86E-03
1851	495561.06, 3859151.99	0.05547	0.0759	0.03734	0.02174	2.24E-04	2.26E-03	2.38E-04	6.86E-05	2.80E-03	2.04E-04	0.00E+00	3.18E-06	1.87E-06	2.09E-04	2.59E-04	2.26E-03	2.38E-04	6.86E-05	2.83E-03
1852	495611.06, 3859151.99	0.05516	0.07516	0.03716	0.02157	2.23E-04	2.24E-03	2.37E-04	6.81E-05	2.77E-03	2.03E-04	0.00E+00	3.16E-06	1.86E-06	2.08E-04	2.58E-04	2.24E-03	2.37E-04	6.81E-05	2.81E-03
1853	495661.06, 3859151.99	0.05492	0.07451	0.03701	0.02142	2.22E-04	2.22E-03	2.36E-04	6.76E-05	2.75E-03	2.02E-04	0.00E+00	3.15E-06	1.84E-06	2.07E-04	2.57E-04	2.22E-03	2.36E-04	6.76E-05	2.78E-03
1854	494311.06, 3859201.99	0.06891	0.11187	0.04161	0.02791	2.79E-04	3.34E-03	2.65E-04	8.81E-05	3.97E-03	2.53E-04	0.00E+00	3.54E-06	2.40E-06	2.59E-04	3.22E-04	3.34E-03	2.65E-04	8.81E-05	4.01E-03
1855	494361.06, 3859201.99	0.06853	0.1106	0.04149	0.02767	2.77E-04	3.30E-03	2.65E-04	8.74E-05	3.93E-03	2.52E-04	0.00E+00	3.53E-06	2.38E-06	2.58E-04	3.20E-04	3.30E-03	2.65E-04	8.74E-05	3.97E-03
1856	494411.06, 3859201.99	0.06802	0.10895	0.04138	0.02741	2.75E-04	3.25E-03	2.64E-04	8.65E-05	3.88E-03	2.50E-04	0.00E+00	3.52E-06	2.36E-06	2.56E-04	3.18E-04	3.25E-03	2.64E-04	8.65E-05	3.92E-03
1857	494461.06, 3859201.99	0.06726	0.10665	0.04127	0.0271	2.72E-04	3.18E-03	2.63E-04	8.56E-05	3.80E-03	2.47E-04	0.00E+00	3.51E-06	2.33E-06	2.53E-04	3.15E-04	3.18E-03	2.63E-04	8.56E-05	3.85E-03
1858	494511.06, 3859201.99	0.06673	0.10506	0.04113	0.02683	2.70E-04	3.13E-03	2.62E-04	8.47E-05	3.75E-03	2.45E-04	0.00E+00	3.50E-06	2.31E-06	2.51E-04	3.12E-04	3.13E-03	2.62E-04	8.47E-05	3.79E-03
1859	494561.06, 3859201.99	0.06585	0.1026	0.04095	0.02649	2.66E-04	3.06E-03	2.61E-04	8.36E-05	3.67E-03	2.42E-04	0.00E+00	3.48E-06	2.28E-06	2.48E-04	3.08E-04	3.06E-03	2.61E-04	8.36E-05	3.71E-03
1860	494611.06, 3859201.99	0.06514	0.10066	0.04076	0.02618	2.63E-04	3.00E-03	2.60E-04	8.27E-05	3.61E-03	2.39E-04	0.00E+00	3.47E-06	2.25E-06	2.45E-04	3.05E-04	3.00E-03	2.60E-04	8.27E-05	3.65E-03
1861	494661.06, 3859201.99	0.06456	0.09911	0.04058	0.02591	2.61E-04	2.96E-03	2.59E-04	8.18E-05	3.56E-03	2.37E-04	0.00E+00	3.45E-06	2.23E-06	2.43E-04	3.02E-04	2.96E-03	2.59E-04	8.18E-05	3.60E-03
1862	494711.06, 3859201.99	0.06398	0.09757	0.04038	0.02564	2.59E-04	2.91E-03	2.58E-04	8.10E-05	3.51E-03	2.35E-04	0.00E+00	3.43E-06	2.21E-06	2.41E-04	2.99E-04	2.91E-03	2.58E-04	8.10E-05	3.55E-03
1863	494761.06, 3859201.99	0.06298	0.09518	0.04006	0.02527	2.55E-04	2.84E-03	2.56E-04	7.98E-05	3.43E-03	2.32E-04	0.00E+00	3.41E-06	2.18E-06	2.37E-04	2.95E-04	2.84E-03	2.56E-04	7.98E-05	3.47E-03
1864	494811.06, 3859201.99	0.06212	0.0932	0.03974	0.02494	2.51E-04	2.78E-03	2.53E-04	7.87E-05	3.36E-03	2.28E-04	0.00E+00	3.38E-06	2.15E-06	2.34E-04	2.91E-04	2.78E-03	2.53E-04	7.87E-05	3.40E-03
1865	494861.06, 3859201.99	0.06119	0.0908	0.03947	0.02464	2.47E-04	2.71E-03	2.52E-04	7.78E-05	3.29E-03	2.25E-04	0.00E+00	3.36E-06	2.12E-06	2.30E-04	2.86E-04	2.71E-03	2.52E-04	7.78E-05	3.32E-03
1866	494911.06, 3859201.99	0.05976	0.08829	0.03876	0.02414	2.42E-04	2.63E-03	2.47E-04	7.62E-05	3.20E-03	2.20E-04	0.00E+00	3.30E-06	2.08E-06	2.25E-04	2.79E-04	2.63E-03	2.47E-04	7.62E-05	3.24E-03
1867	494961.06, 3859201.99	0.0583	0.08554	0.03806	0.02369	2.36E-04	2.55E-03	2.43E-04	7.48E-05	3.11E-03	2.14E-04	0.00E+00	3.24E-06	2.04E-06	2.20E-04	2.73E-04	2.55E-03	2.43E-04	7.48E-05	3.14E-03
1868	495011.06, 3859201.99	0.05627	0.08202	0.03705	0.02315	2.27E-04	2.45E-03	2.36E-04	7.31E-05	2.98E-03	2.07E-04	0.00E+00	3.15E-06	1.99E-06	2.12E-04	2.63E-04	2.45E-03	2.36E-04	7.31E-05	3.02E-03
1869	495061.06, 3859201.99	0.05708	0.08294	0.03744	0.02318	2.31E-04	2.47E-03	2.39E-04	7.32E-05	3.02E-03	2.10E-04	0.00E+00	3.18E-06	2.00E-06	2.15E-04	2.67E-04	2.47E-03	2.39E-04	7.32E-05	3.05E-03
1870	495111.06, 3859201.99	0.05711	0.08265	0.03745	0.02306	2.31E-04	2.47E-03	2.39E-04	7.28E-05	3.01E-03	2.10E-04	0.00E+00	3.19E-06	1.99E-06	2.15E-04	2.67E-04	2.47E-03	2.39E-04	7.28E-05	3.04E-03
1871	495161.06, 3859201.99	0.05703	0.08219	0.03741	0.02293	2.31E-04	2.45E-03	2.39E-04	7.24E-05	2.99E-03	2.10E-04	0.00E+00	3.18E-06	1.97E-06	2.15E-04	2.67E-04	2.45E-03	2.39E-04	7.24E-05	3.03E-03
1872	495211.06, 3859201.99	0.05666	0.08128	0.03721	0.02273	2.29E-04	2.42E-03	2.37E-04	7.18E-05	2.96E-03	2.08E-04	0.00E+00	3.16E-06	1.96E-06	2.13E-04	2.65E-04	2.42E-03	2.37E-04	7.18E-05	3.00E-03
1873	495261.06, 3859201.99	0.05672	0.08104	0.03724	0.02262	2.29E-04	2.42E-03	2.38E-04	7.14E-05	2.96E-03	2.09E-04	0.00E+00	3.17E-06	1.95E-06	2.14E-04	2.65E-04	2.42E-03	2.38E-04	7.14E-05	2.99E-03
1874	495311.06, 3859201.99	0.05662	0.08057	0.0372	0.02249	2.29E-04	2.40E-03	2.37E-04	7.10E-05	2.94E-03	2.08E-04	0.00E+00	3.16E-06	1.94E-06	2.13E-04	2.65E-04	2.40E-03	2.37E-04	7.10E-05	2.98E-03
1875	495361.06, 3859201.99	0.0566	0.08021	0.03718	0.02237	2.29E-04	2.39E-03	2.37E-04	7.06E-05	2.93E-03	2.08E-04	0.00E+00	3.16E-06	1.93E-06	2.13E-04	2.65E-04	2.39E-03	2.37E-04	7.06E-05	2.97E-03
1876	495411.06, 3859201.99	0.05684	0.08032	0.03731	0.0223	2.30E-04	2.40E-03	2.38E-04	7.04E-05	2.93E-03	2.09E-04	0.00E+00	3.17E-06	1.92E-06	2.14E-04	2.66E-04	2.40E-03	2.38E-04	7.04E-05	2.97E-03
1877	495461.06, 3859201.99	0.05662	0.07965	0.03719	0.02214	2.29E-04	2.38E-03	2.37E-04	6.99E-05	2.91E-03	2.08E-04	0.00E+00	3.16E-06	1.91E-06	2.13E-04	2.65E-04	2.38E-03	2.37E-04	6.99E-05	2.95E-03
1878	495511.06, 3859201.99	0.0564	0.07896	0.03708	0.02199	2.28E-04	2.36E-03	2.37E-04	6.94E-05	2.89E-03	2.07E-04	0.00E+00	3.15E-06	1.89E-06	2.12E-04	2.64E-04	2.36E-03	2.37E-04	6.94E-05	2.93E-03
1879	495561.06, 3859201.99	0.0558	0.07772	0.03677	0.02175	2.26E-04	2.32E-03	2.35E-04	6.87E-05	2.85E-03	2.05E-04	0.00E+00	3.13E-06	1.87E-06	2.10E-04	2.61E-04	2.32E-03	2.35E-04	6.87E-05	2.88E-03
1880	495611.06, 3859201.99	0.0554	0.07681	0.03656	0.02156	2.24E-04	2.29E-03	2.33E-04	6.81E-05	2.82E-03	2.04E-04	0.00E+00	3.11E-06	1.86E-06	2.09E-04	2.59E-04	2.29E-03	2.33E-04	6.81E-05	2.85E-03
1881	495661.06, 3859201.99	0.05517	0.07617	0.03643	0.02141	2.23E-04	2.27E-03	2.32E-04	6.76E-05	2.80E-03	2.03E-04	0.00E+00	3.10E-06	1.84E-06	2.08E-04	2.58E-04	2.27E-03	2.32E-04	6.76E-05	2.83E-03
1882	494311.06, 3859251.99	0.06865	0.11493	0.0402	0.02774	2.77E-04	3.43E-03	2.56E-04	8.76E-05	4.05E-03	2.52E-04	0.00E+00	3.42E-06	2.39E-06	2.58E-04	3.21E-04	3.43E-03	2.56E-04	8.76E-05	4.09E-03
1883	494361.06, 3859251.99	0.06815	0.11308	0.04013	0.02749	2.75E-04	3.37E-03	2.56E-04	8.68E-05	3.99E-03	2.51E-04	0.00E+00	3.41E-06	2.37E-06	2.56E-04	3.19E-04	3.37E-03	2.56E-04	8.68E-05	4.04E-03
1884	494411.06, 3859251.99	0.06745	0.11064	0.04009	0.0272	2.73E-04	3.30E-03	2.56E-04	8.59E-05	3.92E-03	2.48E-04	0.00E+00	3.41E-06	2.34E-06	2.54E-04	3.15E-04	3.30E-03	2.56E-04	8.59E-05	3.96E-03

1885	494461.06, 3859251.99	0.06697	0.10899	0.03999	0.02695	2.71E-04	3.25E-03	2.55E-04	8.51E-05	3.86E-03	2.46E-04	0.00E+00	3.40E-06	2.32E-06	2.52E-04	3.13E-04	3.25E-03	2.55E-04	8.51E-05	3.90E-03
1886	494511.06, 3859251.99	0.06616	0.10643	0.0399	0.02663	2.67E-04	3.18E-03	2.55E-04	8.41E-05	3.78E-03	2.43E-04	0.00E+00	3.39E-06	2.29E-06	2.49E-04	3.09E-04	3.18E-03	2.55E-04	8.41E-05	3.82E-03
1887	494561.06, 3859251.99	0.06561	0.10471	0.03977	0.02636	2.65E-04	3.12E-03	2.54E-04	8.32E-05	3.73E-03	2.41E-04	0.00E+00	3.38E-06	2.27E-06	2.47E-04	3.07E-04	3.12E-03	2.54E-04	8.32E-05	3.77E-03
1888	494611.06, 3859251.99	0.06488	0.10255	0.03962	0.02606	2.62E-04	3.06E-03	2.53E-04	8.23E-05	3.66E-03	2.39E-04	0.00E+00	3.37E-06	2.24E-06	2.44E-04	3.03E-04	3.06E-03	2.53E-04	8.23E-05	3.70E-03
1889	494661.06, 3859251.99	0.06447	0.10132	0.03947	0.02583	2.61E-04	3.02E-03	2.52E-04	8.16E-05	3.62E-03	2.37E-04	0.00E+00	3.36E-06	2.22E-06	2.43E-04	3.02E-04	3.02E-03	2.52E-04	8.16E-05	3.66E-03
1890	494711.06, 3859251.99	0.0639	0.09971	0.03931	0.02557	2.58E-04	2.97E-03	2.51E-04	8.07E-05	3.56E-03	2.35E-04	0.00E+00	3.34E-06	2.20E-06	2.40E-04	2.99E-04	2.97E-03	2.51E-04	8.07E-05	3.60E-03
1891	494761.06, 3859251.99	0.06248	0.09583	0.03901	0.02514	2.53E-04	2.86E-03	2.49E-04	7.94E-05	3.44E-03	2.30E-04	0.00E+00	3.32E-06	2.16E-06	2.35E-04	2.92E-04	2.86E-03	2.49E-04	7.94E-05	3.48E-03
1892	494811.06, 3859251.99	0.06218	0.09529	0.0388	0.0249	2.51E-04	2.84E-03	2.47E-04	7.86E-05	3.42E-03	2.29E-04	0.00E+00	3.30E-06	2.14E-06	2.34E-04	2.91E-04	2.84E-03	2.47E-04	7.86E-05	3.46E-03
1893	494861.06, 3859251.99	0.06088	0.09197	0.03846	0.02452	2.46E-04	2.74E-03	2.45E-04	7.74E-05	3.31E-03	2.24E-04	0.00E+00	3.27E-06	2.11E-06	2.29E-04	2.85E-04	2.74E-03	2.45E-04	7.74E-05	3.35E-03
1894	494911.06, 3859251.99	0.05944	0.08929	0.03778	0.024	2.40E-04	2.66E-03	2.41E-04	7.58E-05	3.22E-03	2.19E-04	0.00E+00	3.21E-06	2.07E-06	2.24E-04	2.78E-04	2.66E-03	2.41E-04	7.58E-05	3.26E-03
1895	494961.06, 3859251.99	0.05876	0.08778	0.03747	0.02373	2.38E-04	2.62E-03	2.39E-04	7.49E-05	3.17E-03	2.16E-04	0.00E+00	3.19E-06	2.04E-06	2.21E-04	2.75E-04	2.62E-03	2.39E-04	7.49E-05	3.21E-03
1896	495011.06, 3859251.99	0.05791	0.08602	0.03707	0.02341	2.34E-04	2.57E-03	2.36E-04	7.39E-05	3.11E-03	2.13E-04	0.00E+00	3.15E-06	2.02E-06	2.18E-04	2.71E-04	2.57E-03	2.36E-04	7.39E-05	3.15E-03
1897	495061.06, 3859251.99	0.05799	0.08584	0.03709	0.02331	2.34E-04	2.56E-03	2.37E-04	7.36E-05	3.11E-03	2.13E-04	0.00E+00	3.15E-06	2.01E-06	2.18E-04	2.71E-04	2.56E-03	2.37E-04	7.36E-05	3.14E-03
1898	495111.06, 3859251.99	0.05768	0.08502	0.03693	0.02312	2.33E-04	2.54E-03	2.36E-04	7.30E-05	3.08E-03	2.12E-04	0.00E+00	3.14E-06	1.99E-06	2.17E-04	2.70E-04	2.54E-03	2.36E-04	7.30E-05	3.11E-03
1899	495161.06, 3859251.99	0.05756	0.0845	0.03686	0.02298	2.33E-04	2.52E-03	2.35E-04	7.26E-05	3.06E-03	2.12E-04	0.00E+00	3.13E-06	1.98E-06	2.17E-04	2.69E-04	2.52E-03	2.35E-04	7.26E-05	3.10E-03
1900	495211.06, 3859251.99	0.05721	0.08361	0.03669	0.02279	2.31E-04	2.49E-03	2.34E-04	7.20E-05	3.03E-03	2.10E-04	0.00E+00	3.12E-06	1.96E-06	2.15E-04	2.68E-04	2.49E-03	2.34E-04	7.20E-05	3.07E-03
1901	495261.06, 3859251.99	0.05724	0.08306	0.03683	0.02273	2.31E-04	2.48E-03	2.35E-04	7.18E-05	3.02E-03	2.10E-04	0.00E+00	3.13E-06	1.96E-06	2.16E-04	2.68E-04	2.48E-03	2.35E-04	7.18E-05	3.05E-03
1902	495311.06, 3859251.99	0.05716	0.08293	0.03665	0.02255	2.31E-04	2.47E-03	2.34E-04	7.12E-05	3.01E-03	2.10E-04	0.00E+00	3.12E-06	1.94E-06	2.15E-04	2.67E-04	2.47E-03	2.34E-04	7.12E-05	3.05E-03
1903	495361.06, 3859251.99	0.05699	0.08233	0.03656	0.0224	2.30E-04	2.46E-03	2.33E-04	7.07E-05	2.99E-03	2.10E-04	0.00E+00	3.11E-06	1.93E-06	2.15E-04	2.67E-04	2.46E-03	2.33E-04	7.07E-05	3.03E-03
1904	495411.06, 3859251.99	0.05713	0.08228	0.03662	0.02232	2.31E-04	2.45E-03	2.34E-04	7.05E-05	2.99E-03	2.10E-04	0.00E+00	3.11E-06	1.92E-06	2.15E-04	2.67E-04	2.45E-03	2.34E-04	7.05E-05	3.03E-03
1905	495461.06, 3859251.99	0.05692	0.08164	0.03652	0.02216	2.30E-04	2.44E-03	2.33E-04	7.00E-05	2.97E-03	2.09E-04	0.00E+00	3.11E-06	1.91E-06	2.14E-04	2.66E-04	2.44E-03	2.33E-04	7.00E-05	3.00E-03
1906	495511.06, 3859251.99	0.05634	0.08035	0.03625	0.02192	2.28E-04	2.40E-03	2.31E-04	6.92E-05	2.93E-03	2.07E-04	0.00E+00	3.08E-06	1.89E-06	2.12E-04	2.63E-04	2.40E-03	2.31E-04	6.92E-05	2.96E-03
1907	495561.06, 3859251.99	0.05604	0.07956	0.03611	0.02175	2.27E-04	2.37E-03	2.30E-04	6.87E-05	2.90E-03	2.06E-04	0.00E+00	3.07E-06	1.87E-06	2.11E-04	2.62E-04	2.37E-03	2.30E-04	6.87E-05	2.93E-03
1908	495611.06, 3859251.99	0.05554	0.07844	0.03586	0.02154	2.25E-04	2.34E-03	2.29E-04	6.80E-05	2.86E-03	2.04E-04	0.00E+00	3.05E-06	1.85E-06	2.09E-04	2.60E-04	2.34E-03	2.29E-04	6.80E-05	2.90E-03
1909	495661.06, 3859251.99	0.05524	0.07766	0.03572	0.02137	2.23E-04	2.32E-03	2.28E-04	6.75E-05	2.84E-03	2.03E-04	0.00E+00	3.04E-06	1.84E-06	2.08E-04	2.58E-04	2.32E-03	2.28E-04	6.75E-05	2.87E-03
1910	494311.06, 3859301.99	0.06821	0.11778	0.03881	0.02749	2.76E-04	3.51E-03	2.48E-04	8.68E-05	4.12E-03	2.51E-04	0.00E+00	3.30E-06	2.37E-06	2.56E-04	3.19E-04	3.51E-03	2.48E-04	8.68E-05	4.17E-03
1911	494361.06, 3859301.99	0.06772	0.11575	0.0388	0.02725	2.74E-04	3.45E-03	2.47E-04	8.60E-05	4.06E-03	2.49E-04	0.00E+00	3.30E-06	2.35E-06	2.55E-04	3.17E-04	3.45E-03	2.47E-04	8.60E-05	4.10E-03
1912	494411.06, 3859301.99	0.06709	0.11325	0.03882	0.02698	2.71E-04	3.38E-03	2.48E-04	8.52E-05	3.98E-03	2.47E-04	0.00E+00	3.30E-06	2.32E-06	2.52E-04	3.14E-04	3.38E-03	2.48E-04	8.52E-05	4.03E-03
1913	494461.06, 3859301.99	0.06643	0.11079	0.03881	0.02671	2.69E-04	3.31E-03	2.48E-04	8.43E-05	3.91E-03	2.44E-04	0.00E+00	3.30E-06	2.30E-06	2.50E-04	3.11E-04	3.31E-03	2.48E-04	8.43E-05	3.95E-03
1914	494511.06, 3859301.99	0.06583	0.10864	0.03875	0.02644	2.66E-04	3.24E-03	2.47E-04	8.35E-05	3.84E-03	2.42E-04	0.00E+00	3.30E-06	2.28E-06	2.48E-04	3.08E-04	3.24E-03	2.47E-04	8.35E-05	3.88E-03
1915	494561.06, 3859301.99	0.06533	0.10692	0.03865	0.02619	2.64E-04	3.19E-03	2.47E-04	8.27E-05	3.78E-03	2.40E-04	0.00E+00	3.29E-06	2.26E-06	2.46E-04	3.06E-04	3.19E-03	2.47E-04	8.27E-05	3.82E-03
1916	494611.06, 3859301.99	0.06476	0.10506	0.03854	0.02593	2.62E-04	3.13E-03	2.46E-04	8.19E-05	3.72E-03	2.38E-04	0.00E+00	3.28E-06	2.23E-06	2.44E-04	3.03E-04	3.13E-03	2.46E-04	8.19E-05	3.76E-03
1917	494661.06, 3859301.99	0.06419	0.10325	0.03842	0.02567	2.59E-04	3.08E-03	2.45E-04	8.10E-05	3.67E-03	2.36E-04	0.00E+00	3.27E-06	2.21E-06	2.41E-04	3.00E-04	3.08E-03	2.45E-04	8.10E-05	3.71E-03
1918	494711.06, 3859301.99	0.06349	0.10113	0.03827	0.02538	2.57E-04	3.02E-03	2.44E-04	8.01E-05	3.60E-03	2.33E-04	0.00E+00	3.25E-06	2.19E-06	2.39E-04	2.97E-04	3.02E-03	2.44E-04	8.01E-05	3.64E-03
1919	494761.06, 3859301.99	0.06285	0.09926	0.03811	0.0251	2.54E-04	2.96E-03	2.43E-04	7.93E-05	3.54E-03	2.31E-04	0.00E+00	3.24E-06	2.16E-06	2.36E-04	2.94E-04	2.96E-03	2.43E-04	7.93E-05	3.58E-03
1920	494811.06, 3859301.99	0.0619	0.09671	0.03787	0.02475	2.50E-04	2.89E-03	2.42E-04	7.81E-05	3.46E-03	2.28E-04	0.00E+00	3.22E-06	2.13E-06	2.33E-04	2.89E-04	2.89E-03	2.42E-04	7.81E-05	3.49E-03
1921	494861.06, 3859301.99	0.06051	0.09336	0.03745	0.0243	2.45E-04	2.79E-03	2.39E-04	7.67E-05	3.35E-03	2.22E-04	0.00E+00	3.19E-06	2.09E-06	2.28E-04	2.83E-04	2.79E-03	2.39E-04	7.67E-05	3.38E-03
1922	494911.06, 3859301.99	0.0598	0.09163	0.03717	0.02401	2.42E-04	2.73E-03	2.37E-04	7.58E-05	3.29E-03	2.20E-04	0.00E+00	3.16E-06	2.07E-06	2.25E-04	2.80E-04	2.73E-03	2.37E-04	7.58E-05	3.33E-03
1923	494961.06, 3859301.99	0.05835	0.08836	0.03663	0.02357	2.36E-04	2.64E-03	2.34E-04	7.44E-05	3.18E-03	2.15E-04	0.00E+00	3.12E-06	2.03E-06	2.20E-04	2.73E-04	2.64E-03	2.34E-04	7.44E-05	3.22E-03
1924	495011.06, 3859301.99	0.05781	0.08708	0.03638	0.02333	2.34E-04	2.60E-03	2.32E-04	7.37E-05	3.14E-03	2.13E-04	0.00E+00	3.09E-06	2.01E-06	2.18E-04	2.70E-04	2.60E-03	2.32E-04	7.37E-05	3.17E-03
1925	495061.06, 3859301.99	0.05857	0.08809	0.03669	0.02342	2.37E-04	2.63E-03	2.34E-04	7.39E-05	3.17E-03	2.15E-04	0.00E+00	3.12E-06	2.02E-06	2.20E-04	2.74E-04	2.63E-03	2.34E-04	7.39E-05	3.21E-03
1926	495111.06, 3859301.99	0.05773	0.08636	0.03628	0.02308	2.33E-04	2.58E-03	2.31E-04	7.29E-05	3.11E-03	2.12E-04	0.00E+00	3.09E-06	1.99E-06	2.17E-04	2.70E-04	2.58E-03	2.31E-04	7.29E-05	3.15E-03
1927	495161.06, 3859301.99	0.05756	0.08597	0.03612	0.0229	2.33E-04	2.56E-03	2.30E-04	7.23E-05	3.10E-03	2.12E-04	0.00E+00	3.07E-06	1.97E-06	2.17E-04	2.69E-04	2.56E-03	2.30E-04	7.23E-05	3.14E-03
1928	495211.06, 3859301.99	0.05775	0.08606	0.03617	0.02284	2.33E-04	2.57E-03	2.31E-04	7.21E-05	3.10E-03	2.12E-04	0.00E+00	3.08E-06	1.97E-06	2.17E-04	2.70E-04	2.57E-03	2.31E-04	7.21E-05	3.14E-03
1929	495261.06, 3859301.99	0.05773	0.08576	0.03613	0.02272	2.33E-04	2.56E-03	2.30E-04	7.17E-05	3.09E-03	2.12E-04	0.00E+00	3.07E-06	1.96E-06	2.17E-04	2.70E-04	2.56E-03	2.30E-04	7.17E-05	3.13E-03
1930	495311.06, 3859301.99	0.05723	0.08454	0.03591	0.02249	2.31E-04	2.52E-03	2.29E-04	7.10E-05	3.05E-03	2.10E-04	0.00E+00	3.05E-06	1.94E-06	2.15E-04	2.68E-04	2.52E-03	2.29E-04	7.10E-05	3.09E-03
1931	495361.06, 3859301.99	0.05728	0.08437	0.03591	0.0224	2.32E-04	2.52E-03	2.29E-04	7.07E-05	3.05E-03	2.11E-04	0.00E+00	3.05E-06	1.93E-06	2.16E-04	2.68E-04	2.52E-03	2.29E-04	7.07E-05	3.08E-03
1932	495411.06, 3859301.99	0.05715	0.08387	0.03584	0.02226	2.31E-04	2.50E-03	2.29E-04	7.03E-05	3.03E-03	2.10E-04	0.00E+00	3.05E-06	1.92E-06	2.15E-04	2.67E-04	2.50E-03	2.29E-04	7.03E-05	3.07E-03
1933	495461.06, 3859301.99	0.05708	0.08348	0.03579	0.02214	2.31E-04	2.49E-03	2.28E-04	6.99E-05	3.02E-03	2.10E-04	0.00E+00	3.04E-06	1.91E-06	2.15E-04	2.67E-04	2.49E-03	2.28E-04	6.99E-05	3.06E-03
1934	495511.06, 3859301.99	0.05664	0.08239	0.0356	0.02193	2.29E-04	2.46E-03	2.27E-04	6.92E-05	2.98E-03	2.08E-04	0.00E+00	3.03E-06	1.89E-06	2.13E-04	2.65E-04	2.46E-03	2.27E-04	6.92E-05	3.02E-03
1935	495561.06, 3859301.99	0.0559	0.08076	0.03528	0.02166	2.26E-04	2.41E-03	2.25E-04	6.84E-05	2.93E-03	2.06E-04	0.00E+00	3.00E-06	1.87E-06	2.10E-04	2.61E-04	2.41E-03	2.25E-04	6.84E-05	2.96E-03
1936	495611.06, 3859301.99	0.05561	0.07997	0.03514	0.02149	2.25E-04	2.39E-03	2.24E-04	6.79E-05	2.90E-03	2.04E-04	0.00E+00	2.99E-06	1.85E-06	2.09E-04	2.60E-04	2.39E-03	2.24E-04	6.79E-05	2.94E-03
1937	495661.06, 3859301.99	0.05531	0.07917	0.035	0.02132	2.24E-04	2.36E-03	2.23E-04	6.73E-05	2.88E-03	2.03E-04	0.00E+00	2.98E-06	1.84E-06	2.08E-04	2.59E-04	2.36E-03	2.23E-04	6.73E-05	2.91E-03
1938	494311.06, 3859351.99	0.06752	0.11997	0.03749	0.02715	2.73E-04	3.58E-03	2.39E-04	8.57E-05	4.18E-03	2.48E-04	0.00E+00	3.19E-06	2.34E-06	2.54E-04	3.16E-04	3.58E-03	2.39E-04	8.57E-05	4.22E-03
1939	494361.06, 3859351.99	0.06707	0.11789	0.03752	0.02693	2.71E-04	3.52E-03	2.39E-04	8.50E-05	4.11E-03	2.47E-04	0.00E+00	3.19E-06	2.32E-06	2.52E-04	3.14E-04	3.52E-03	2.39E-04	8.50E-05	4.16E-03
1940	494411.06, 3859351.99	0.06645	0.11509	0.03763	0.02667	2.69E-04	3.43E-03	2.40E-04	8.42E-05	4.03E-03	2.44E-04	0.00E+00	3.20E-06	2.30E-06	2.50E-04	3.11E-04	3.43E-03	2.40E-04	8.42E-05	4.07E-03
1941	494461.06, 3859351.99	0.06588	0.11273	0.03766	0.02642	2.66E-04	3.36E-03	2.40E-04	8.34E-05	3.95E-03	2.42E-04	0.00E+00	3.20E-06	2.28E-06	2.48E-04	3.08E-04	3.36E-03	2.40E-04	8.34E-05	3.99E-03
1942	494511.06, 3859351.99	0.06535	0.11064	0.03763	0.02618	2.64E-04	3.30E-03	2.40E-04	8.27E-05	3.89E-03	2.40E-04	0.00E+00	3.20E-06	2.25E-06	2.46E-04	3.06E-04	3.30E-03	2.40E-04	8.27E-05	3.93E-03
1943	494561.06, 3859351.99	0.06494	0.10905	0.03755	0.02595	2.63E-04	3.25E-03	2.40E-04	8.19E-05	3.84E-03	2.39E-04	0.00E+00	3.19E-06	2.23E-06	2.44E-04	3.04E-04	3.25E-03	2.40E-04	8.19E-05	3.88E-03

1944	494611.06, 3859351.99	0.06444	0.10725	0.03748	0.02572	2.60E-04	3.20E-03	2.39E-04	8.12E-05	3.78E-03	2.37E-04	0.00E+00	3.19E-06	2.21E-06	2.42E-04	3.01E-04	3.20E-03	2.39E-04	8.12E-05	3.82E-03
1945	494661.06, 3859351.99	0.06391	0.10536	0.0374	0.02547	2.58E-04	3.14E-03	2.39E-04	8.04E-05	3.72E-03	2.35E-04	0.00E+00	3.18E-06	2.19E-06	2.40E-04	2.99E-04	3.14E-03	2.39E-04	8.04E-05	3.76E-03
1946	494711.06, 3859351.99	0.06321	0.10304	0.03732	0.02519	2.56E-04	3.07E-03	2.38E-04	7.95E-05	3.65E-03	2.32E-04	0.00E+00	3.17E-06	2.17E-06	2.38E-04	2.96E-04	3.07E-03	2.38E-04	7.95E-05	3.69E-03
1947	494761.06, 3859351.99	0.06237	0.10009	0.03724	0.02491	2.52E-04	2.99E-03	2.38E-04	7.87E-05	3.55E-03	2.29E-04	0.00E+00	3.17E-06	2.15E-06	2.35E-04	2.92E-04	2.99E-03	2.38E-04	7.87E-05	3.59E-03
1948	494811.06, 3859351.99	0.06095	0.09651	0.03693	0.02442	2.46E-04	2.88E-03	2.36E-04	7.71E-05	3.44E-03	2.24E-04	0.00E+00	3.14E-06	2.10E-06	2.29E-04	2.85E-04	2.88E-03	2.36E-04	7.71E-05	3.48E-03
1949	494861.06, 3859351.99	0.06041	0.09501	0.03672	0.02417	2.44E-04	2.83E-03	2.34E-04	7.63E-05	3.39E-03	2.22E-04	0.00E+00	3.12E-06	2.08E-06	2.27E-04	2.83E-04	2.83E-03	2.34E-04	7.63E-05	3.43E-03
1950	494911.06, 3859351.99	0.06004	0.09395	0.03655	0.02396	2.43E-04	2.80E-03	2.33E-04	7.57E-05	3.35E-03	2.21E-04	0.00E+00	3.11E-06	2.06E-06	2.26E-04	2.81E-04	2.80E-03	2.33E-04	7.57E-05	3.39E-03
1951	494961.06, 3859351.99	0.0594	0.09231	0.0363	0.02369	2.40E-04	2.75E-03	2.32E-04	7.48E-05	3.30E-03	2.18E-04	0.00E+00	3.09E-06	2.04E-06	2.24E-04	2.78E-04	2.75E-03	2.32E-04	7.48E-05	3.34E-03
1952	495011.06, 3859351.99	0.05893	0.09102	0.0361	0.02346	2.38E-04	2.72E-03	2.30E-04	7.41E-05	3.26E-03	2.17E-04	0.00E+00	3.07E-06	2.02E-06	2.22E-04	2.76E-04	2.72E-03	2.30E-04	7.41E-05	3.30E-03
1953	495061.06, 3859351.99	0.05919	0.09139	0.0361	0.02342	2.39E-04	2.73E-03	2.30E-04	7.39E-05	3.27E-03	2.18E-04	0.00E+00	3.07E-06	2.02E-06	2.23E-04	2.77E-04	2.73E-03	2.30E-04	7.39E-05	3.31E-03
1954	495111.06, 3859351.99	0.05868	0.09003	0.03589	0.02318	2.37E-04	2.69E-03	2.29E-04	7.32E-05	3.23E-03	2.16E-04	0.00E+00	3.05E-06	2.00E-06	2.21E-04	2.74E-04	2.69E-03	2.29E-04	7.32E-05	3.26E-03
1955	495161.06, 3859351.99	0.05843	0.08929	0.03575	0.02301	2.36E-04	2.66E-03	2.28E-04	7.27E-05	3.20E-03	2.15E-04	0.00E+00	3.04E-06	1.98E-06	2.20E-04	2.73E-04	2.66E-03	2.28E-04	7.27E-05	3.24E-03
1956	495211.06, 3859351.99	0.05816	0.08848	0.03561	0.02284	2.35E-04	2.64E-03	2.27E-04	7.21E-05	3.17E-03	2.14E-04	0.00E+00	3.03E-06	1.97E-06	2.19E-04	2.72E-04	2.64E-03	2.27E-04	7.21E-05	3.21E-03
1957	495261.06, 3859351.99	0.05808	0.0881	0.03554	0.02272	2.35E-04	2.63E-03	2.27E-04	7.17E-05	3.16E-03	2.14E-04	0.00E+00	3.02E-06	1.96E-06	2.19E-04	2.72E-04	2.63E-03	2.27E-04	7.17E-05	3.20E-03
1958	495311.06, 3859351.99	0.05766	0.08698	0.03536	0.02251	2.33E-04	2.59E-03	2.26E-04	7.11E-05	3.12E-03	2.12E-04	0.00E+00	3.01E-06	1.94E-06	2.17E-04	2.70E-04	2.59E-03	2.26E-04	7.11E-05	3.16E-03
1959	495361.06, 3859351.99	0.05742	0.08627	0.03524	0.02235	2.32E-04	2.57E-03	2.25E-04	7.06E-05	3.10E-03	2.11E-04	0.00E+00	3.00E-06	1.92E-06	2.16E-04	2.69E-04	2.57E-03	2.25E-04	7.06E-05	3.14E-03
1960	495411.06, 3859351.99	0.05733	0.08584	0.03517	0.02222	2.32E-04	2.56E-03	2.24E-04	7.02E-05	3.09E-03	2.11E-04	0.00E+00	2.99E-06	1.91E-06	2.16E-04	2.68E-04	2.56E-03	2.24E-04	7.02E-05	3.12E-03
1961	495461.06, 3859351.99	0.05732	0.08561	0.03513	0.02212	2.32E-04	2.55E-03	2.24E-04	6.98E-05	3.08E-03	2.11E-04	0.00E+00	2.99E-06	1.90E-06	2.16E-04	2.68E-04	2.55E-03	2.24E-04	6.98E-05	3.12E-03
1962	495511.06, 3859351.99	0.05673	0.08414	0.0349	0.02188	2.29E-04	2.51E-03	2.23E-04	6.91E-05	3.03E-03	2.09E-04	0.00E+00	2.97E-06	1.88E-06	2.13E-04	2.65E-04	2.51E-03	2.23E-04	6.91E-05	3.07E-03
1963	495561.06, 3859351.99	0.05629	0.08302	0.03471	0.02168	2.28E-04	2.48E-03	2.21E-04	6.85E-05	2.99E-03	2.07E-04	0.00E+00	2.95E-06	1.87E-06	2.12E-04	2.63E-04	2.48E-03	2.21E-04	6.85E-05	3.03E-03
1964	495611.06, 3859351.99	0.056	0.0822	0.03458	0.02151	2.26E-04	2.45E-03	2.21E-04	6.79E-05	2.97E-03	2.06E-04	0.00E+00	2.94E-06	1.85E-06	2.11E-04	2.62E-04	2.45E-03	2.21E-04	6.79E-05	3.00E-03
1965	495661.06, 3859351.99	0.05539	0.08077	0.03433	0.02127	2.24E-04	2.41E-03	2.19E-04	6.72E-05	2.92E-03	2.04E-04	0.00E+00	2.92E-06	1.83E-06	2.08E-04	2.59E-04	2.41E-03	2.19E-04	6.72E-05	2.95E-03
1966	494311.06, 3859401.99	0.06688	0.1228	0.03605	0.02677	2.70E-04	3.66E-03	2.30E-04	8.45E-05	4.25E-03	2.46E-04	0.00E+00	3.07E-06	2.31E-06	2.51E-04	3.13E-04	3.66E-03	2.30E-04	8.45E-05	4.29E-03
1967	494361.06, 3859401.99	0.06634	0.11987	0.03625	0.02655	2.68E-04	3.58E-03	2.31E-04	8.38E-05	4.16E-03	2.44E-04	0.00E+00	3.08E-06	2.29E-06	2.49E-04	3.10E-04	3.58E-03	2.31E-04	8.38E-05	4.20E-03
1968	494411.06, 3859401.99	0.06575	0.11694	0.03644	0.02632	2.66E-04	3.49E-03	2.32E-04	8.31E-05	4.07E-03	2.42E-04	0.00E+00	3.10E-06	2.27E-06	2.47E-04	3.07E-04	3.49E-03	2.32E-04	8.31E-05	4.11E-03
1969	494461.06, 3859401.99	0.06528	0.11474	0.03649	0.0261	2.64E-04	3.42E-03	2.33E-04	8.24E-05	4.00E-03	2.40E-04	0.00E+00	3.10E-06	2.25E-06	2.45E-04	3.05E-04	3.42E-03	2.33E-04	8.24E-05	4.04E-03
1970	494511.06, 3859401.99	0.06494	0.11324	0.03644	0.02589	2.63E-04	3.38E-03	2.32E-04	8.17E-05	3.96E-03	2.39E-04	0.00E+00	3.10E-06	2.23E-06	2.44E-04	3.04E-04	3.38E-03	2.32E-04	8.17E-05	4.00E-03
1971	494561.06, 3859401.99	0.06453	0.11149	0.03641	0.02568	2.61E-04	3.33E-03	2.32E-04	8.11E-05	3.90E-03	2.37E-04	0.00E+00	3.10E-06	2.21E-06	2.43E-04	3.02E-04	3.33E-03	2.32E-04	8.11E-05	3.94E-03
1972	494611.06, 3859401.99	0.06402	0.10937	0.03642	0.02544	2.59E-04	3.26E-03	2.32E-04	8.03E-05	3.83E-03	2.35E-04	0.00E+00	3.10E-06	2.19E-06	2.41E-04	2.99E-04	3.26E-03	2.32E-04	8.03E-05	3.87E-03
1973	494661.06, 3859401.99	0.06363	0.10784	0.03635	0.02523	2.57E-04	3.22E-03	2.32E-04	7.97E-05	3.79E-03	2.34E-04	0.00E+00	3.09E-06	2.17E-06	2.39E-04	2.98E-04	3.22E-03	2.32E-04	7.97E-05	3.83E-03
1974	494711.06, 3859401.99	0.06316	0.10603	0.03629	0.02501	2.55E-04	3.16E-03	2.31E-04	7.90E-05	3.73E-03	2.32E-04	0.00E+00	3.09E-06	2.15E-06	2.37E-04	2.95E-04	3.16E-03	2.31E-04	7.90E-05	3.77E-03
1975	494761.06, 3859401.99	0.06235	0.1028	0.03636	0.02477	2.52E-04	3.07E-03	2.32E-04	7.82E-05	3.63E-03	2.29E-04	0.00E+00	3.09E-06	2.13E-06	2.34E-04	2.92E-04	3.07E-03	2.32E-04	7.82E-05	3.67E-03
1976	494811.06, 3859401.99	0.06154	0.10047	0.03622	0.02442	2.49E-04	3.00E-03	2.31E-04	7.71E-05	3.55E-03	2.26E-04	0.00E+00	3.08E-06	2.10E-06	2.31E-04	2.88E-04	3.00E-03	2.31E-04	7.71E-05	3.59E-03
1977	494861.06, 3859401.99	0.06059	0.09759	0.03607	0.02408	2.45E-04	2.91E-03	2.30E-04	7.60E-05	3.46E-03	2.23E-04	0.00E+00	3.07E-06	2.07E-06	2.28E-04	2.83E-04	2.91E-03	2.30E-04	7.60E-05	3.50E-03
1978	494911.06, 3859401.99	0.06002	0.0956	0.03593	0.02386	2.43E-04	2.85E-03	2.29E-04	7.53E-05	3.40E-03	2.21E-04	0.00E+00	3.06E-06	2.05E-06	2.26E-04	2.81E-04	2.85E-03	2.29E-04	7.53E-05	3.44E-03
1979	494961.06, 3859401.99	0.05962	0.0947	0.03572	0.02362	2.41E-04	2.83E-03	2.28E-04	7.46E-05	3.37E-03	2.19E-04	0.00E+00	3.04E-06	2.03E-06	2.24E-04	2.79E-04	2.83E-03	2.28E-04	7.46E-05	3.41E-03
1980	495011.06, 3859401.99	0.05938	0.09391	0.03557	0.02345	2.40E-04	2.80E-03	2.27E-04	7.40E-05	3.34E-03	2.18E-04	0.00E+00	3.03E-06	2.02E-06	2.23E-04	2.78E-04	2.80E-03	2.27E-04	7.40E-05	3.38E-03
1981	495061.06, 3859401.99	0.05931	0.09325	0.03551	0.02336	2.40E-04	2.78E-03	2.27E-04	7.38E-05	3.32E-03	2.18E-04	0.00E+00	3.02E-06	2.01E-06	2.23E-04	2.77E-04	2.78E-03	2.27E-04	7.38E-05	3.36E-03
1982	495111.06, 3859401.99	0.05877	0.09172	0.03531	0.02312	2.38E-04	2.74E-03	2.25E-04	7.30E-05	3.27E-03	2.16E-04	0.00E+00	3.00E-06	1.99E-06	2.21E-04	2.75E-04	2.74E-03	2.25E-04	7.30E-05	3.31E-03
1983	495161.06, 3859401.99	0.05853	0.09129	0.03512	0.02292	2.37E-04	2.72E-03	2.24E-04	7.24E-05	3.26E-03	2.15E-04	0.00E+00	2.99E-06	1.97E-06	2.20E-04	2.74E-04	2.72E-03	2.24E-04	7.24E-05	3.29E-03
1984	495211.06, 3859401.99	0.05845	0.09094	0.03502	0.0228	2.36E-04	2.71E-03	2.23E-04	7.20E-05	3.24E-03	2.15E-04	0.00E+00	2.98E-06	1.96E-06	2.20E-04	2.73E-04	2.71E-03	2.23E-04	7.20E-05	3.28E-03
1985	495261.06, 3859401.99	0.05819	0.09014	0.03489	0.02263	2.35E-04	2.69E-03	2.23E-04	7.15E-05	3.22E-03	2.14E-04	0.00E+00	2.97E-06	1.95E-06	2.19E-04	2.72E-04	2.69E-03	2.23E-04	7.15E-05	3.26E-03
1986	495311.06, 3859401.99	0.05789	0.08925	0.03475	0.02246	2.34E-04	2.66E-03	2.22E-04	7.09E-05	3.19E-03	2.13E-04	0.00E+00	2.96E-06	1.93E-06	2.18E-04	2.71E-04	2.66E-03	2.22E-04	7.09E-05	3.23E-03
1987	495361.06, 3859401.99	0.05788	0.08905	0.03467	0.02236	2.34E-04	2.66E-03	2.21E-04	7.06E-05	3.18E-03	2.13E-04	0.00E+00	2.95E-06	1.93E-06	2.18E-04	2.71E-04	2.66E-03	2.21E-04	7.06E-05	3.22E-03
1988	495411.06, 3859401.99	0.05769	0.08844	0.03456	0.02221	2.33E-04	2.64E-03	2.20E-04	7.01E-05	3.16E-03	2.12E-04	0.00E+00	2.94E-06	1.91E-06	2.17E-04	2.70E-04	2.64E-03	2.20E-04	7.01E-05	3.20E-03
1989	495461.06, 3859401.99	0.05733	0.0874	0.03442	0.02203	2.32E-04	2.61E-03	2.20E-04	6.96E-05	3.13E-03	2.11E-04	0.00E+00	2.93E-06	1.90E-06	2.16E-04	2.68E-04	2.61E-03	2.20E-04	6.96E-05	3.16E-03
1990	495511.06, 3859401.99	0.05679	0.08595	0.03423	0.0218	2.30E-04	2.56E-03	2.18E-04	6.88E-05	3.08E-03	2.09E-04	0.00E+00	2.91E-06	1.88E-06	2.14E-04	2.66E-04	2.56E-03	2.18E-04	6.88E-05	3.12E-03
1991	495561.06, 3859401.99	0.05614	0.0843	0.034	0.02155	2.27E-04	2.51E-03	2.17E-04	6.80E-05	3.03E-03	2.06E-04	0.00E+00	2.89E-06	1.86E-06	2.11E-04	2.63E-04	2.51E-03	2.17E-04	6.80E-05	3.06E-03
1992	495611.06, 3859401.99	0.05579	0.08334	0.03385	0.02137	2.26E-04	2.49E-03	2.16E-04	6.75E-05	3.00E-03	2.05E-04	0.00E+00	2.88E-06	1.84E-06	2.10E-04	2.61E-04	2.49E-03	2.16E-04	6.75E-05	3.03E-03
1993	495661.06, 3859401.99	0.05551	0.08253	0.03372	0.02121	2.24E-04	2.46E-03	2.15E-04	6.70E-05	2.97E-03	2.04E-04	0.00E+00	2.87E-06	1.83E-06	2.09E-04	2.60E-04	2.46E-03	2.15E-04	6.70E-05	3.00E-03
1994	494311.06, 3859451.99	0.066	0.12435	0.03478	0.02633	2.67E-04	3.71E-03	2.22E-04	8.31E-05	4.28E-03	2.43E-04	0.00E+00	2.96E-06	2.27E-06	2.48E-04	3.09E-04	3.71E-03	2.22E-04	8.31E-05	4.32E-03
1995	494361.06, 3859451.99	0.06554	0.12172	0.03498	0.02613	2.65E-04	3.63E-03	2.23E-04	8.25E-05	4.20E-03	2.41E-04	0.00E+00	2.97E-06	2.25E-06	2.46E-04	3.07E-04	3.63E-03	2.23E-04	8.25E-05	4.24E-03
1996	494411.06, 3859451.99	0.06489	0.11803	0.03534	0.02591	2.62E-04	3.52E-03	2.25E-04	8.18E-05	4.09E-03	2.39E-04	0.00E+00	3.01E-06	2.23E-06	2.44E-04	3.03E-04	3.52E-03	2.25E-04	8.18E-05	4.13E-03
1997	494461.06, 3859451.99	0.06462	0.11676	0.03528	0.02572	2.61E-04	3.48E-03	2.25E-04	8.12E-05	4.05E-03	2.38E-04	0.00E+00	3.00E-06	2.21E-06	2.43E-04	3.02E-04	3.48E-03	2.25E-04	8.12E-05	4.09E-03
1998	494511.06, 3859451.99	0.06419	0.11464	0.03535	0.02551	2.59E-04	3.42E-03	2.25E-04	8.05E-05	3.99E-03	2.36E-04	0.00E+00	3.01E-06	2.20E-06	2.41E-04	3.00E-04	3.42E-03	2.25E-04	8.05E-05	4.03E-03
1999	494561.06, 3859451.99	0.06383	0.11292	0.03535	0.02531	2.58E-04	3.37E-03	2.25E-04	7.99E-05	3.93E-03	2.35E-04	0.00E+00	3.01E-06	2.18E-06	2.40E-04	2.99E-04	3.37E-03	2.25E-04	7.99E-05	3.97E-03
2000	494611.06, 3859451.99	0.06359	0.11186	0.03525	0.02513	2.57E-04	3.34E-03	2.25E-04	7.93E-05	3.90E-03	2.34E-04	0.00E+00	3.00E-06	2.16E-06	2.39E-04	2.97E-04	3.34E-03	2.25E-04	7.93E-05	3.94E-03
2001	494661.06, 3859451.99	0.0631	0.10966	0.03531	0.02491	2.55E-04	3.27E-03	2.25E-04	7.87E-05	3.83E-03	2.32E-04	0.00E+00	3.00E-06	2.15E-06	2.37E-04	2.95E-04	3.27E-03	2.25E-04	7.87E-05	3.87E-03
2002	494711.06, 3859451.99	0.06258	0.10749	0.03534	0.02469	2.53E-04	3.21E-03	2.25E-04	7.80E-05	3.76E-03	2.30E-04	0.00E+00	3.01E-06	2.13E-06	2.35E-04	2.93E-04	3.21E-03	2.25E-04	7.80E-05	3.80E-03

2003	494761.06, 3859451.99	0.06214	0.10568	0.03531	0.02448	2.51E-04	3.15E-03	2.25E-04	7.73E-05	3.71E-03	2.28E-04	0.00E+00	3.00E-06	2.11E-06	2.34E-04	2.91E-04	3.15E-03	2.25E-04	7.73E-05	3.75E-03
2004	494811.06, 3859451.99	0.06144	0.10303	0.03533	0.02422	2.48E-04	3.07E-03	2.25E-04	7.65E-05	3.62E-03	2.26E-04	0.00E+00	3.00E-06	2.09E-06	2.31E-04	2.87E-04	3.07E-03	2.25E-04	7.65E-05	3.66E-03
2005	494861.06, 3859451.99	0.06083	0.10085	0.03527	0.02397	2.46E-04	3.01E-03	2.25E-04	7.57E-05	3.56E-03	2.24E-04	0.00E+00	3.00E-06	2.06E-06	2.29E-04	2.84E-04	3.01E-03	2.25E-04	7.57E-05	3.59E-03
2006	494911.06, 3859451.99	0.06035	0.0992	0.03517	0.02374	2.44E-04	2.96E-03	2.24E-04	7.50E-05	3.50E-03	2.22E-04	0.00E+00	2.99E-06	2.04E-06	2.27E-04	2.82E-04	2.96E-03	2.24E-04	7.50E-05	3.54E-03
2007	494961.06, 3859451.99	0.06006	0.09818	0.03503	0.02356	2.43E-04	2.93E-03	2.23E-04	7.44E-05	3.47E-03	2.21E-04	0.00E+00	2.98E-06	2.03E-06	2.26E-04	2.81E-04	2.93E-03	2.23E-04	7.44E-05	3.51E-03
2008	495011.06, 3859451.99	0.05968	0.09694	0.0349	0.02337	2.41E-04	2.89E-03	2.23E-04	7.38E-05	3.43E-03	2.19E-04	0.00E+00	2.97E-06	2.01E-06	2.24E-04	2.79E-04	2.89E-03	2.23E-04	7.38E-05	3.47E-03
2009	495061.06, 3859451.99	0.05931	0.09572	0.03477	0.02318	2.40E-04	2.86E-03	2.22E-04	7.32E-05	3.39E-03	2.18E-04	0.00E+00	2.96E-06	2.00E-06	2.23E-04	2.77E-04	2.86E-03	2.22E-04	7.32E-05	3.43E-03
2010	495111.06, 3859451.99	0.05892	0.09448	0.03463	0.02298	2.38E-04	2.82E-03	2.21E-04	7.26E-05	3.35E-03	2.17E-04	0.00E+00	2.95E-06	1.98E-06	2.22E-04	2.76E-04	2.82E-03	2.21E-04	7.26E-05	3.39E-03
2011	495161.06, 3859451.99	0.05874	0.09384	0.03449	0.02283	2.37E-04	2.80E-03	2.20E-04	7.21E-05	3.33E-03	2.16E-04	0.00E+00	2.93E-06	1.97E-06	2.21E-04	2.75E-04	2.80E-03	2.20E-04	7.21E-05	3.37E-03
2012	495211.06, 3859451.99	0.05861	0.09339	0.03436	0.0227	2.37E-04	2.79E-03	2.19E-04	7.17E-05	3.31E-03	2.15E-04	0.00E+00	2.92E-06	1.95E-06	2.20E-04	2.74E-04	2.79E-03	2.19E-04	7.17E-05	3.35E-03
2013	495261.06, 3859451.99	0.05846	0.09287	0.03424	0.02256	2.36E-04	2.77E-03	2.18E-04	7.12E-05	3.30E-03	2.15E-04	0.00E+00	2.91E-06	1.94E-06	2.20E-04	2.73E-04	2.77E-03	2.18E-04	7.12E-05	3.33E-03
2014	495311.06, 3859451.99	0.05815	0.0919	0.03411	0.02239	2.35E-04	2.74E-03	2.18E-04	7.07E-05	3.27E-03	2.14E-04	0.00E+00	2.90E-06	1.93E-06	2.19E-04	2.72E-04	2.74E-03	2.18E-04	7.07E-05	3.30E-03
2015	495361.06, 3859451.99	0.05791	0.09113	0.03398	0.02224	2.34E-04	2.72E-03	2.17E-04	7.02E-05	3.24E-03	2.13E-04	0.00E+00	2.89E-06	1.92E-06	2.18E-04	2.71E-04	2.72E-03	2.17E-04	7.02E-05	3.28E-03
2016	495411.06, 3859451.99	0.05759	0.09014	0.03386	0.02207	2.33E-04	2.69E-03	2.16E-04	6.97E-05	3.21E-03	2.12E-04	0.00E+00	2.88E-06	1.90E-06	2.17E-04	2.69E-04	2.69E-03	2.16E-04	6.97E-05	3.24E-03
2017	495461.06, 3859451.99	0.05734	0.08935	0.03374	0.02191	2.32E-04	2.67E-03	2.15E-04	6.92E-05	3.18E-03	2.11E-04	0.00E+00	2.87E-06	1.89E-06	2.16E-04	2.68E-04	2.67E-03	2.15E-04	6.92E-05	3.22E-03
2018	495511.06, 3859451.99	0.05674	0.08764	0.03357	0.02168	2.29E-04	2.61E-03	2.14E-04	6.85E-05	3.13E-03	2.09E-04	0.00E+00	2.86E-06	1.87E-06	2.13E-04	2.65E-04	2.61E-03	2.14E-04	6.85E-05	3.16E-03
2019	495561.06, 3859451.99	0.05636	0.08654	0.03343	0.02149	2.28E-04	2.58E-03	2.13E-04	6.79E-05	3.09E-03	2.07E-04	0.00E+00	2.84E-06	1.85E-06	2.12E-04	2.64E-04	2.58E-03	2.13E-04	6.79E-05	3.13E-03
2020	495611.06, 3859451.99	0.056	0.08548	0.03329	0.02131	2.26E-04	2.55E-03	2.12E-04	6.73E-05	3.06E-03	2.06E-04	0.00E+00	2.83E-06	1.84E-06	2.11E-04	2.62E-04	2.55E-03	2.12E-04	6.73E-05	3.09E-03
2021	495661.06, 3859451.99	0.05566	0.08451	0.03315	0.02114	2.25E-04	2.52E-03	2.11E-04	6.67E-05	3.02E-03	2.05E-04	0.00E+00	2.82E-06	1.82E-06	2.09E-04	2.60E-04	2.52E-03	2.11E-04	6.67E-05	3.06E-03
2022	494311.06, 3859501.99	0.06516	0.12636	0.03339	0.02585	2.63E-04	3.77E-03	2.13E-04	8.16E-05	4.33E-03	2.40E-04	0.00E+00	2.84E-06	2.23E-06	2.45E-04	3.05E-04	3.77E-03	2.13E-04	8.16E-05	4.37E-03
2023	494361.06, 3859501.99	0.06474	0.12367	0.03363	0.02568	2.62E-04	3.69E-03	2.15E-04	8.11E-05	4.25E-03	2.38E-04	0.00E+00	2.86E-06	2.21E-06	2.43E-04	3.03E-04	3.69E-03	2.15E-04	8.11E-05	4.29E-03
2024	494411.06, 3859501.99	0.06402	0.1192	0.03421	0.02548	2.59E-04	3.56E-03	2.18E-04	8.04E-05	4.11E-03	2.35E-04	0.00E+00	2.91E-06	2.19E-06	2.40E-04	2.99E-04	3.56E-03	2.18E-04	8.04E-05	4.15E-03
2025	494461.06, 3859501.99	0.06395	0.11899	0.03397	0.0253	2.58E-04	3.55E-03	2.17E-04	7.99E-05	4.10E-03	2.35E-04	0.00E+00	2.89E-06	2.18E-06	2.40E-04	2.99E-04	3.55E-03	2.17E-04	7.99E-05	4.15E-03
2026	494511.06, 3859501.99	0.06351	0.11654	0.03414	0.02511	2.57E-04	3.48E-03	2.18E-04	7.93E-05	4.03E-03	2.33E-04	0.00E+00	2.90E-06	2.16E-06	2.39E-04	2.97E-04	3.48E-03	2.18E-04	7.93E-05	4.07E-03
2027	494561.06, 3859501.99	0.06312	0.11451	0.03423	0.02492	2.55E-04	3.42E-03	2.18E-04	7.87E-05	3.97E-03	2.32E-04	0.00E+00	2.91E-06	2.15E-06	2.37E-04	2.95E-04	3.42E-03	2.18E-04	7.87E-05	4.01E-03
2028	494611.06, 3859501.99	0.06308	0.11445	0.03398	0.02476	2.55E-04	3.41E-03	2.17E-04	7.82E-05	3.96E-03	2.32E-04	0.00E+00	2.89E-06	2.13E-06	2.37E-04	2.95E-04	3.41E-03	2.17E-04	7.82E-05	4.00E-03
2029	494661.06, 3859501.99	0.06257	0.11186	0.03415	0.02456	2.53E-04	3.34E-03	2.18E-04	7.75E-05	3.89E-03	2.30E-04	0.00E+00	2.90E-06	2.11E-06	2.35E-04	2.93E-04	3.34E-03	2.18E-04	7.75E-05	3.93E-03
2030	494711.06, 3859501.99	0.06195	0.10887	0.03436	0.02434	2.50E-04	3.25E-03	2.19E-04	7.69E-05	3.79E-03	2.28E-04	0.00E+00	2.92E-06	2.10E-06	2.33E-04	2.90E-04	3.25E-03	2.19E-04	7.69E-05	3.83E-03
2031	494761.06, 3859501.99	0.0618	0.1082	0.03421	0.02418	2.50E-04	3.23E-03	2.18E-04	7.63E-05	3.77E-03	2.27E-04	0.00E+00	2.91E-06	2.08E-06	2.32E-04	2.89E-04	3.23E-03	2.18E-04	7.63E-05	3.81E-03
2032	494811.06, 3859501.99	0.06095	0.10456	0.03444	0.02391	2.46E-04	3.12E-03	2.20E-04	7.55E-05	3.66E-03	2.24E-04	0.00E+00	2.93E-06	2.06E-06	2.29E-04	2.85E-04	3.12E-03	2.20E-04	7.55E-05	3.70E-03
2033	494861.06, 3859501.99	0.06058	0.10304	0.03438	0.02371	2.45E-04	3.07E-03	2.19E-04	7.49E-05	3.61E-03	2.23E-04	0.00E+00	2.92E-06	2.04E-06	2.28E-04	2.83E-04	3.07E-03	2.19E-04	7.49E-05	3.65E-03
2034	494911.06, 3859501.99	0.06033	0.10206	0.03427	0.02354	2.44E-04	3.04E-03	2.19E-04	7.43E-05	3.58E-03	2.22E-04	0.00E+00	2.91E-06	2.03E-06	2.27E-04	2.82E-04	3.04E-03	2.19E-04	7.43E-05	3.62E-03
2035	494961.06, 3859501.99	0.05984	0.10022	0.03423	0.02333	2.42E-04	2.99E-03	2.18E-04	7.37E-05	3.52E-03	2.20E-04	0.00E+00	2.91E-06	2.01E-06	2.25E-04	2.80E-04	2.99E-03	2.18E-04	7.37E-05	3.56E-03
2036	495011.06, 3859501.99	0.0596	0.09932	0.0341	0.02317	2.41E-04	2.96E-03	2.18E-04	7.32E-05	3.49E-03	2.19E-04	0.00E+00	2.90E-06	2.00E-06	2.24E-04	2.79E-04	2.96E-03	2.18E-04	7.32E-05	3.53E-03
2037	495061.06, 3859501.99	0.05937	0.09846	0.03398	0.02301	2.40E-04	2.94E-03	2.17E-04	7.27E-05	3.47E-03	2.18E-04	0.00E+00	2.89E-06	1.98E-06	2.23E-04	2.78E-04	2.94E-03	2.17E-04	7.27E-05	3.50E-03
2038	495111.06, 3859501.99	0.05888	0.09675	0.0339	0.0228	2.38E-04	2.89E-03	2.16E-04	7.20E-05	3.41E-03	2.16E-04	0.00E+00	2.88E-06	1.96E-06	2.21E-04	2.75E-04	2.89E-03	2.16E-04	7.20E-05	3.45E-03
2039	495161.06, 3859501.99	0.05867	0.09598	0.03377	0.02264	2.37E-04	2.86E-03	2.15E-04	7.15E-05	3.39E-03	2.16E-04	0.00E+00	2.87E-06	1.95E-06	2.21E-04	2.74E-04	2.86E-03	2.15E-04	7.15E-05	3.42E-03
2040	495211.06, 3859501.99	0.05855	0.09557	0.03362	0.02252	2.37E-04	2.85E-03	2.14E-04	7.11E-05	3.37E-03	2.15E-04	0.00E+00	2.86E-06	1.94E-06	2.20E-04	2.74E-04	2.85E-03	2.14E-04	7.11E-05	3.41E-03
2041	495261.06, 3859501.99	0.05833	0.09479	0.0335	0.02237	2.36E-04	2.83E-03	2.14E-04	7.06E-05	3.35E-03	2.14E-04	0.00E+00	2.85E-06	1.93E-06	2.19E-04	2.73E-04	2.83E-03	2.14E-04	7.06E-05	3.38E-03
2042	495311.06, 3859501.99	0.05815	0.09417	0.03337	0.02223	2.35E-04	2.81E-03	2.13E-04	7.02E-05	3.33E-03	2.14E-04	0.00E+00	2.84E-06	1.91E-06	2.19E-04	2.72E-04	2.81E-03	2.13E-04	7.02E-05	3.36E-03
2043	495361.06, 3859501.99	0.05788	0.09326	0.03326	0.02207	2.34E-04	2.78E-03	2.12E-04	6.97E-05	3.30E-03	2.13E-04	0.00E+00	2.83E-06	1.90E-06	2.18E-04	2.71E-04	2.78E-03	2.12E-04	6.97E-05	3.33E-03
2044	495411.06, 3859501.99	0.05762	0.09248	0.03314	0.02192	2.33E-04	2.76E-03	2.11E-04	6.92E-05	3.27E-03	2.12E-04	0.00E+00	2.82E-06	1.89E-06	2.17E-04	2.69E-04	2.76E-03	2.11E-04	6.92E-05	3.31E-03
2045	495461.06, 3859501.99	0.05731	0.09139	0.03303	0.02175	2.32E-04	2.73E-03	2.11E-04	6.87E-05	3.24E-03	2.11E-04	0.00E+00	2.81E-06	1.87E-06	2.15E-04	2.68E-04	2.73E-03	2.11E-04	6.87E-05	3.27E-03
2046	495511.06, 3859501.99	0.05669	0.08918	0.03296	0.02156	2.29E-04	2.66E-03	2.10E-04	6.81E-05	3.17E-03	2.08E-04	0.00E+00	2.80E-06	1.86E-06	2.13E-04	2.65E-04	2.66E-03	2.10E-04	6.81E-05	3.20E-03
2047	495561.06, 3859501.99	0.05647	0.08875	0.03281	0.02138	2.28E-04	2.65E-03	2.09E-04	6.75E-05	3.15E-03	2.08E-04	0.00E+00	2.79E-06	1.84E-06	2.12E-04	2.64E-04	2.65E-03	2.09E-04	6.75E-05	3.19E-03
2048	495611.06, 3859501.99	0.05609	0.08758	0.03268	0.02121	2.27E-04	2.61E-03	2.08E-04	6.70E-05	3.11E-03	2.06E-04	0.00E+00	2.78E-06	1.83E-06	2.11E-04	2.62E-04	2.61E-03	2.08E-04	6.70E-05	3.15E-03
2049	495661.06, 3859501.99	0.05566	0.0863	0.03255	0.02102	2.25E-04	2.57E-03	2.08E-04	6.64E-05	3.07E-03	2.05E-04	0.00E+00	2.77E-06	1.81E-06	2.09E-04	2.60E-04	2.57E-03	2.08E-04	6.64E-05	3.11E-03
2050	494311.06, 3859551.99	0.06429	0.12806	0.03201	0.02536	2.60E-04	3.82E-03	2.04E-04	8.01E-05	4.36E-03	2.36E-04	0.00E+00	2.72E-06	2.18E-06	2.41E-04	3.01E-04	3.82E-03	2.04E-04	8.01E-05	4.41E-03
2051	494361.06, 3859551.99	0.06387	0.12485	0.03233	0.02521	2.58E-04	3.72E-03	2.06E-04	7.96E-05	4.27E-03	2.35E-04	0.00E+00	2.75E-06	2.17E-06	2.40E-04	2.99E-04	3.72E-03	2.06E-04	7.96E-05	4.31E-03
2052	494411.06, 3859551.99	0.06318	0.12019	0.03298	0.02503	2.55E-04	3.59E-03	2.10E-04	7.90E-05	4.13E-03	2.32E-04	0.00E+00	2.80E-06	2.16E-06	2.37E-04	2.95E-04	3.59E-03	2.10E-04	7.90E-05	4.17E-03
2053	494461.06, 3859551.99	0.06316	0.12069	0.03268	0.02485	2.55E-04	3.60E-03	2.08E-04	7.85E-05	4.14E-03	2.32E-04	0.00E+00	2.78E-06	2.14E-06	2.37E-04	2.95E-04	3.60E-03	2.08E-04	7.85E-05	4.18E-03
2054	494511.06, 3859551.99	0.06277	0.11833	0.03288	0.02467	2.54E-04	3.53E-03	2.10E-04	7.79E-05	4.07E-03	2.31E-04	0.00E+00	2.80E-06	2.12E-06	2.36E-04	2.94E-04	3.53E-03	2.10E-04	7.79E-05	4.11E-03
2055	494561.06, 3859551.99	0.06245	0.11654	0.03296	0.0245	2.52E-04	3.48E-03	2.10E-04	7.74E-05	4.02E-03	2.30E-04	0.00E+00	2.80E-06	2.11E-06	2.35E-04	2.92E-04	3.48E-03	2.10E-04	7.74E-05	4.06E-03
2056	494611.06, 3859551.99	0.06225	0.1155	0.0329	0.02433	2.52E-04	3.45E-03	2.10E-04	7.68E-05	3.98E-03	2.29E-04	0.00E+00	2.80E-06	2.10E-06	2.34E-04	2.91E-04	3.45E-03	2.10E-04	7.68E-05	4.02E-03
2057	494661.06, 3859551.99	0.06196	0.11399	0.03293	0.02416	2.50E-04	3.40E-03	2.10E-04	7.63E-05	3.94E-03	2.28E-04	0.00E+00	2.80E-06	2.08E-06	2.33E-04	2.90E-04	3.40E-03	2.10E-04	7.63E-05	3.98E-03
2058	494711.06, 3859551.99	0.06114	0.10949	0.03345	0.02393	2.47E-04	3.27E-03	2.13E-04	7.56E-05	3.80E-03	2.25E-04	0.00E+00	2.84E-06	2.06E-06	2.30E-04	2.86E-04	3.27E-03	2.13E-04	7.56E-05	3.84E-03
2059	494761.06, 3859551.99	0.06123	0.11012	0.0331	0.0238	2.48E-04	3.29E-03	2.11E-04	7.51E-05	3.82E-03	2.25E-04	0.00E+00	2.82E-06	2.05E-06	2.30E-04	2.86E-04	3.29E-03	2.11E-04	7.51E-05	3.86E-03
2060	494811.06, 3859551.99	0.0606	0.10696	0.03337	0.02359	2.45E-04	3.19E-03	2.13E-04	7.45E-05	3.72E-03	2.23E-04	0.00E+00	2.84E-06	2.03E-06	2.28E-04	2.83E-04	3.19E-03	2.13E-04	7.45E-05	3.76E-03
2061	494861.06, 3859551.99	0.06028	0.1055	0.03335	0.02341	2.44E-04	3.15E-03	2.13E-04	7.39E-05	3.68E-03	2.22E-04	0.00E+00	2.84E-06	2.02E-06	2.26E-04	2.82E-04	3.15E-03	2.13E-04	7.39E-05	3.72E-03

2062	494911.06, 3859551.99	0.05988	0.10376	0.03336	0.02323	2.42E-04	3.10E-03	2.13E-04	7.33E-05	3.62E-03	2.20E-04	0.00E+00	2.84E-06	2.00E-06	2.25E-04	2.80E-04	3.10E-03	2.13E-04	7.33E-05	3.66E-03
2063	494961.06, 3859551.99	0.05967	0.10283	0.03326	0.02307	2.41E-04	3.07E-03	2.12E-04	7.28E-05	3.59E-03	2.19E-04	0.00E+00	2.83E-06	1.99E-06	2.24E-04	2.79E-04	3.07E-03	2.12E-04	7.28E-05	3.63E-03
2064	495011.06, 3859551.99	0.05949	0.10212	0.03313	0.02292	2.40E-04	3.05E-03	2.11E-04	7.24E-05	3.57E-03	2.19E-04	0.00E+00	2.82E-06	1.97E-06	2.24E-04	2.78E-04	3.05E-03	2.11E-04	7.24E-05	3.61E-03
2065	495061.06, 3859551.99	0.05918	0.10083	0.03307	0.02275	2.39E-04	3.01E-03	2.11E-04	7.18E-05	3.53E-03	2.18E-04	0.00E+00	2.81E-06	1.96E-06	2.22E-04	2.77E-04	3.01E-03	2.11E-04	7.18E-05	3.57E-03
2066	495111.06, 3859551.99	0.05878	0.09923	0.03304	0.02257	2.38E-04	2.96E-03	2.11E-04	7.13E-05	3.48E-03	2.16E-04	0.00E+00	2.81E-06	1.94E-06	2.21E-04	2.75E-04	2.96E-03	2.11E-04	7.13E-05	3.52E-03
2067	495161.06, 3859551.99	0.05861	0.09858	0.03291	0.02243	2.37E-04	2.94E-03	2.10E-04	7.08E-05	3.46E-03	2.15E-04	0.00E+00	2.80E-06	1.93E-06	2.20E-04	2.74E-04	2.94E-03	2.10E-04	7.08E-05	3.50E-03
2068	495211.06, 3859551.99	0.05849	0.09816	0.03276	0.0223	2.36E-04	2.93E-03	2.09E-04	7.04E-05	3.44E-03	2.15E-04	0.00E+00	2.79E-06	1.92E-06	2.20E-04	2.74E-04	2.93E-03	2.09E-04	7.04E-05	3.48E-03
2069	495261.06, 3859551.99	0.05815	0.09689	0.03269	0.02213	2.35E-04	2.89E-03	2.09E-04	6.99E-05	3.40E-03	2.14E-04	0.00E+00	2.78E-06	1.91E-06	2.18E-04	2.72E-04	2.89E-03	2.09E-04	6.99E-05	3.44E-03
2070	495311.06, 3859551.99	0.05788	0.0959	0.03259	0.02198	2.34E-04	2.86E-03	2.08E-04	6.94E-05	3.37E-03	2.13E-04	0.00E+00	2.77E-06	1.89E-06	2.17E-04	2.71E-04	2.86E-03	2.08E-04	6.94E-05	3.41E-03
2071	495361.06, 3859551.99	0.05766	0.0951	0.03248	0.02183	2.33E-04	2.84E-03	2.07E-04	6.89E-05	3.35E-03	2.12E-04	0.00E+00	2.76E-06	1.88E-06	2.17E-04	2.70E-04	2.84E-03	2.07E-04	6.89E-05	3.38E-03
2072	495411.06, 3859551.99	0.05748	0.09449	0.03236	0.0217	2.32E-04	2.82E-03	2.06E-04	6.85E-05	3.33E-03	2.11E-04	0.00E+00	2.75E-06	1.87E-06	2.16E-04	2.69E-04	2.82E-03	2.06E-04	6.85E-05	3.36E-03
2073	495461.06, 3859551.99	0.05704	0.09292	0.0323	0.02152	2.31E-04	2.77E-03	2.06E-04	6.79E-05	3.28E-03	2.10E-04	0.00E+00	2.75E-06	1.85E-06	2.14E-04	2.67E-04	2.77E-03	2.06E-04	6.79E-05	3.31E-03
2074	495511.06, 3859551.99	0.05657	0.09132	0.03224	0.02133	2.29E-04	2.72E-03	2.06E-04	6.73E-05	3.23E-03	2.08E-04	0.00E+00	2.74E-06	1.84E-06	2.13E-04	2.65E-04	2.72E-03	2.06E-04	6.73E-05	3.26E-03
2075	495561.06, 3859551.99	0.05628	0.09034	0.03213	0.02118	2.27E-04	2.70E-03	2.05E-04	6.69E-05	3.19E-03	2.07E-04	0.00E+00	2.73E-06	1.82E-06	2.11E-04	2.63E-04	2.70E-03	2.05E-04	6.69E-05	3.23E-03
2076	495611.06, 3859551.99	0.05598	0.08934	0.03203	0.02103	2.26E-04	2.67E-03	2.04E-04	6.64E-05	3.16E-03	2.06E-04	0.00E+00	2.72E-06	1.81E-06	2.10E-04	2.62E-04	2.67E-03	2.04E-04	6.64E-05	3.20E-03
2077	495661.06, 3859551.99	0.05559	0.08809	0.03192	0.02085	2.25E-04	2.63E-03	2.04E-04	6.58E-05	3.12E-03	2.04E-04	0.00E+00	2.71E-06	1.80E-06	2.09E-04	2.60E-04	2.63E-03	2.04E-04	6.58E-05	3.16E-03
2078	494311.06, 3859601.99	0.06346	0.13016	0.03053	0.02483	2.57E-04	3.88E-03	1.95E-04	7.84E-05	4.41E-03	2.33E-04	0.00E+00	2.60E-06	2.14E-06	2.38E-04	2.97E-04	3.88E-03	1.95E-04	7.84E-05	4.45E-03
2079	494361.06, 3859601.99	0.06285	0.12504	0.03125	0.02471	2.54E-04	3.73E-03	1.99E-04	7.80E-05	4.26E-03	2.31E-04	0.00E+00	2.66E-06	2.13E-06	2.36E-04	2.94E-04	3.73E-03	1.99E-04	7.80E-05	4.30E-03
2080	494411.06, 3859601.99	0.06241	0.12224	0.03161	0.02454	2.52E-04	3.65E-03	2.02E-04	7.75E-05	4.18E-03	2.29E-04	0.00E+00	2.69E-06	2.11E-06	2.34E-04	2.92E-04	3.65E-03	2.02E-04	7.75E-05	4.22E-03
2081	494461.06, 3859601.99	0.06237	0.12243	0.03133	0.02436	2.52E-04	3.65E-03	2.00E-04	7.69E-05	4.18E-03	2.29E-04	0.00E+00	2.66E-06	2.10E-06	2.34E-04	2.92E-04	3.65E-03	2.00E-04	7.69E-05	4.22E-03
2082	494511.06, 3859601.99	0.06189	0.11918	0.03174	0.02421	2.50E-04	3.56E-03	2.02E-04	7.64E-05	4.08E-03	2.28E-04	0.00E+00	2.70E-06	2.08E-06	2.32E-04	2.89E-04	3.56E-03	2.02E-04	7.64E-05	4.12E-03
2083	494561.06, 3859601.99	0.06179	0.11891	0.03154	0.02404	2.50E-04	3.55E-03	2.01E-04	7.59E-05	4.07E-03	2.27E-04	0.00E+00	2.68E-06	2.07E-06	2.32E-04	2.89E-04	3.55E-03	2.01E-04	7.59E-05	4.11E-03
2084	494611.06, 3859601.99	0.06161	0.11798	0.03148	0.02387	2.49E-04	3.52E-03	2.01E-04	7.54E-05	4.04E-03	2.27E-04	0.00E+00	2.68E-06	2.06E-06	2.31E-04	2.88E-04	3.52E-03	2.01E-04	7.54E-05	4.08E-03
2085	494661.06, 3859601.99	0.06111	0.11443	0.03188	0.02372	2.47E-04	3.41E-03	2.03E-04	7.49E-05	3.94E-03	2.25E-04	0.00E+00	2.71E-06	2.04E-06	2.29E-04	2.86E-04	3.41E-03	2.03E-04	7.49E-05	3.98E-03
2086	494711.06, 3859601.99	0.06055	0.11142	0.03226	0.02353	2.45E-04	3.32E-03	2.06E-04	7.43E-05	3.85E-03	2.23E-04	0.00E+00	2.74E-06	2.03E-06	2.27E-04	2.83E-04	3.32E-03	2.06E-04	7.43E-05	3.89E-03
2087	494761.06, 3859601.99	0.06074	0.11286	0.03175	0.0234	2.46E-04	3.37E-03	2.03E-04	7.39E-05	3.89E-03	2.23E-04	0.00E+00	2.70E-06	2.01E-06	2.28E-04	2.84E-04	3.37E-03	2.03E-04	7.39E-05	3.93E-03
2088	494811.06, 3859601.99	0.06016	0.10949	0.03213	0.02322	2.43E-04	3.27E-03	2.05E-04	7.33E-05	3.79E-03	2.21E-04	0.00E+00	2.73E-06	2.00E-06	2.26E-04	2.81E-04	3.27E-03	2.05E-04	7.33E-05	3.83E-03
2089	494861.06, 3859601.99	0.05991	0.10818	0.03212	0.02306	2.42E-04	3.23E-03	2.05E-04	7.28E-05	3.75E-03	2.20E-04	0.00E+00	2.73E-06	1.99E-06	2.25E-04	2.80E-04	3.23E-03	2.05E-04	7.28E-05	3.79E-03
2090	494911.06, 3859601.99	0.05944	0.10578	0.0323	0.02288	2.40E-04	3.16E-03	2.06E-04	7.22E-05	3.67E-03	2.19E-04	0.00E+00	2.75E-06	1.97E-06	2.23E-04	2.78E-04	3.16E-03	2.06E-04	7.22E-05	3.71E-03
2091	494961.06, 3859601.99	0.05945	0.10598	0.03203	0.02275	2.40E-04	3.16E-03	2.04E-04	7.18E-05	3.68E-03	2.19E-04	0.00E+00	2.72E-06	1.96E-06	2.23E-04	2.78E-04	3.16E-03	2.04E-04	7.18E-05	3.72E-03
2092	495011.06, 3859601.99	0.05894	0.10348	0.03221	0.02257	2.38E-04	3.09E-03	2.05E-04	7.13E-05	3.60E-03	2.17E-04	0.00E+00	2.74E-06	1.94E-06	2.21E-04	2.76E-04	3.09E-03	2.05E-04	7.13E-05	3.64E-03
2093	495061.06, 3859601.99	0.05885	0.10313	0.03204	0.02244	2.38E-04	3.08E-03	2.04E-04	7.09E-05	3.59E-03	2.16E-04	0.00E+00	2.72E-06	1.93E-06	2.21E-04	2.75E-04	3.08E-03	2.04E-04	7.09E-05	3.63E-03
2094	495111.06, 3859601.99	0.05846	0.10137	0.03208	0.02227	2.36E-04	3.02E-03	2.05E-04	7.03E-05	3.54E-03	2.15E-04	0.00E+00	2.73E-06	1.92E-06	2.20E-04	2.73E-04	3.02E-03	2.05E-04	7.03E-05	3.57E-03
2095	495161.06, 3859601.99	0.05831	0.10078	0.03195	0.02213	2.36E-04	3.01E-03	2.04E-04	6.99E-05	3.52E-03	2.14E-04	0.00E+00	2.72E-06	1.91E-06	2.19E-04	2.73E-04	3.01E-03	2.04E-04	6.99E-05	3.55E-03
2096	495211.06, 3859601.99	0.05808	0.09979	0.03188	0.02199	2.35E-04	2.98E-03	2.03E-04	6.94E-05	3.48E-03	2.14E-04	0.00E+00	2.71E-06	1.89E-06	2.18E-04	2.72E-04	2.98E-03	2.03E-04	6.94E-05	3.52E-03
2097	495261.06, 3859601.99	0.05788	0.09903	0.03177	0.02185	2.34E-04	2.95E-03	2.03E-04	6.90E-05	3.46E-03	2.13E-04	0.00E+00	2.70E-06	1.88E-06	2.17E-04	2.71E-04	2.95E-03	2.03E-04	6.90E-05	3.50E-03
2098	495311.06, 3859601.99	0.05771	0.09836	0.03166	0.02171	2.33E-04	2.93E-03	2.02E-04	6.85E-05	3.44E-03	2.12E-04	0.00E+00	2.69E-06	1.87E-06	2.17E-04	2.70E-04	2.93E-03	2.02E-04	6.85E-05	3.47E-03
2099	495361.06, 3859601.99	0.05744	0.09728	0.0316	0.02157	2.32E-04	2.90E-03	2.02E-04	6.81E-05	3.40E-03	2.11E-04	0.00E+00	2.69E-06	1.86E-06	2.16E-04	2.69E-04	2.90E-03	2.02E-04	6.81E-05	3.44E-03
2100	495411.06, 3859601.99	0.05724	0.09657	0.03149	0.02144	2.31E-04	2.88E-03	2.01E-04	6.77E-05	3.38E-03	2.10E-04	0.00E+00	2.68E-06	1.85E-06	2.15E-04	2.68E-04	2.88E-03	2.01E-04	6.77E-05	3.42E-03
2101	495461.06, 3859601.99	0.05676	0.09462	0.03152	0.02126	2.29E-04	2.82E-03	2.01E-04	6.71E-05	3.32E-03	2.09E-04	0.00E+00	2.68E-06	1.83E-06	2.13E-04	2.65E-04	2.82E-03	2.01E-04	6.71E-05	3.36E-03
2102	495511.06, 3859601.99	0.05631	0.09289	0.03151	0.02108	2.28E-04	2.77E-03	2.01E-04	6.66E-05	3.27E-03	2.07E-04	0.00E+00	2.68E-06	1.82E-06	2.12E-04	2.63E-04	2.77E-03	2.01E-04	6.66E-05	3.30E-03
2103	495561.06, 3859601.99	0.05619	0.09251	0.03137	0.02097	2.27E-04	2.76E-03	2.00E-04	6.62E-05	3.25E-03	2.07E-04	0.00E+00	2.67E-06	1.81E-06	2.11E-04	2.63E-04	2.76E-03	2.00E-04	6.62E-05	3.29E-03
2104	495611.06, 3859601.99	0.05566	0.09057	0.03136	0.02078	2.25E-04	2.70E-03	2.00E-04	6.56E-05	3.19E-03	2.05E-04	0.00E+00	2.67E-06	1.79E-06	2.09E-04	2.60E-04	2.70E-03	2.00E-04	6.56E-05	3.23E-03
2105	495661.06, 3859601.99	0.05545	0.08989	0.03125	0.02065	2.24E-04	2.68E-03	1.99E-04	6.52E-05	3.17E-03	2.04E-04	0.00E+00	2.66E-06	1.78E-06	2.08E-04	2.59E-04	2.68E-03	1.99E-04	6.52E-05	3.21E-03
2106	494311.06, 3859651.99	0.06251	0.13068	0.02932	0.02432	2.53E-04	3.90E-03	1.87E-04	7.68E-05	4.42E-03	2.30E-04	0.00E+00	2.49E-06	2.09E-06	2.34E-04	2.92E-04	3.90E-03	1.87E-04	7.68E-05	4.45E-03
2107	494361.06, 3859651.99	0.06195	0.12605	0.03	0.0242	2.50E-04	3.76E-03	1.91E-04	7.64E-05	4.28E-03	2.28E-04	0.00E+00	2.55E-06	2.08E-06	2.32E-04	2.90E-04	3.76E-03	1.91E-04	7.64E-05	4.32E-03
2108	494411.06, 3859651.99	0.06167	0.12427	0.03014	0.02404	2.49E-04	3.71E-03	1.92E-04	7.59E-05	4.22E-03	2.27E-04	0.00E+00	2.56E-06	2.07E-06	2.31E-04	2.88E-04	3.71E-03	1.92E-04	7.59E-05	4.26E-03
2109	494461.06, 3859651.99	0.06159	0.12431	0.02991	0.02386	2.49E-04	3.71E-03	1.91E-04	7.53E-05	4.22E-03	2.26E-04	0.00E+00	2.54E-06	2.05E-06	2.31E-04	2.88E-04	3.71E-03	1.91E-04	7.53E-05	4.26E-03
2110	494511.06, 3859651.99	0.0613	0.12235	0.03007	0.02371	2.48E-04	3.65E-03	1.92E-04	7.49E-05	4.16E-03	2.25E-04	0.00E+00	2.56E-06	2.04E-06	2.30E-04	2.87E-04	3.65E-03	1.92E-04	7.49E-05	4.20E-03
2111	494561.06, 3859651.99	0.06108	0.12113	0.03009	0.02355	2.47E-04	3.61E-03	1.92E-04	7.44E-05	4.13E-03	2.25E-04	0.00E+00	2.56E-06	2.03E-06	2.29E-04	2.86E-04	3.61E-03	1.92E-04	7.44E-05	4.17E-03
2112	494611.06, 3859651.99	0.06086	0.11979	0.03013	0.02339	2.46E-04	3.57E-03	1.92E-04	7.39E-05	4.09E-03	2.24E-04	0.00E+00	2.56E-06	2.01E-06	2.28E-04	2.85E-04	3.57E-03	1.92E-04	7.39E-05	4.12E-03
2113	494661.06, 3859651.99	0.06035	0.11583	0.03065	0.02326	2.44E-04	3.46E-03	1.96E-04	7.34E-05	3.97E-03	2.22E-04	0.00E+00	2.61E-06	2.00E-06	2.26E-04	2.82E-04	3.46E-03	1.96E-04	7.34E-05	4.01E-03
2114	494711.06, 3859651.99	0.06014	0.11468	0.03065	0.02311	2.43E-04	3.42E-03	1.96E-04	7.30E-05	3.93E-03	2.21E-04	0.00E+00	2.61E-06	1.99E-06	2.26E-04	2.81E-04	3.42E-03	1.96E-04	7.30E-05	3.97E-03
2115	494761.06, 3859651.99	0.05995	0.11396	0.03062	0.02295	2.42E-04	3.40E-03	1.95E-04	7.25E-05	3.91E-03	2.20E-04	0.00E+00	2.60E-06	1.98E-06	2.25E-04	2.80E-04	3.40E-03	1.95E-04	7.25E-05	3.95E-03
2116	494811.06, 3859651.99	0.05959	0.11174	0.03083	0.0228	2.41E-04	3.33E-03	1.97E-04	7.20E-05	3.84E-03	2.19E-04	0.00E+00	2.62E-06	1.96E-06	2.24E-04	2.79E-04	3.33E-03	1.97E-04	7.20E-05	3.88E-03
2117	494861.06, 3859651.99	0.05939	0.11067	0.03081	0.02265	2.40E-04	3.30E-03	1.97E-04	7.15E-05	3.81E-03	2.18E-04	0.00E+00	2.62E-06	1.95E-06	2.23E-04	2.78E-04	3.30E-03	1.97E-04	7.15E-05	3.85E-03
2118	494911.06, 3859651.99	0.05911	0.10908	0.03089	0.0225	2.39E-04	3.25E-03	1.97E-04	7.10E-05	3.76E-03	2.17E-04	0.00E+00	2.63E-06	1.94E-06	2.22E-04	2.76E-04	3.25E-03	1.97E-04	7.10E-05	3.80E-03
2119	494961.06, 3859651.99	0.05889	0.10791	0.03088	0.02236	2.38E-04	3.22E-03	1.97E-04	7.06E-05	3.72E-03	2.17E-04	0.00E+00	2.63E-06	1.93E-06	2.21E-04	2.75E-04	3.22E-03	1.97E-04	7.06E-05	3.76E-03
2120	495011.06, 3859651.99	0.05862	0.10646	0.03091	0.02221	2.37E-04	3.18E-03	1.97E-04	7.01E-05	3.68E-03	2.16E-04	0.00E+00	2.63E-06	1.91E-06	2.20E-04	2.74E-04	3.18E-03	1.97E-04	7.01E-05	3.72E-03

2121	495061.06, 3859651.99	0.05844	0.10562	0.03084	0.02207	2.36E-04	3.15E-03	1.97E-04	6.97E-05	3.65E-03	2.15E-04	0.00E+00	2.62E-06	1.90E-06	2.19E-04	2.73E-04	3.15E-03	1.97E-04	6.97E-05	3.69E-03
2122	495111.06, 3859651.99	0.05815	0.10408	0.0309	0.02193	2.35E-04	3.11E-03	1.97E-04	6.92E-05	3.61E-03	2.14E-04	0.00E+00	2.63E-06	1.89E-06	2.18E-04	2.72E-04	3.11E-03	1.97E-04	6.92E-05	3.64E-03
2123	495161.06, 3859651.99	0.05792	0.10301	0.03086	0.02179	2.34E-04	3.07E-03	1.97E-04	6.88E-05	3.57E-03	2.13E-04	0.00E+00	2.62E-06	1.88E-06	2.17E-04	2.71E-04	3.07E-03	1.97E-04	6.88E-05	3.61E-03
2124	495211.06, 3859651.99	0.05774	0.10221	0.03078	0.02165	2.33E-04	3.05E-03	1.96E-04	6.84E-05	3.55E-03	2.12E-04	0.00E+00	2.62E-06	1.86E-06	2.17E-04	2.70E-04	3.05E-03	1.96E-04	6.84E-05	3.58E-03
2125	495261.06, 3859651.99	0.0575	0.10109	0.03076	0.02151	2.32E-04	3.02E-03	1.96E-04	6.79E-05	3.51E-03	2.11E-04	0.00E+00	2.62E-06	1.85E-06	2.16E-04	2.69E-04	3.02E-03	1.96E-04	6.79E-05	3.55E-03
2126	495311.06, 3859651.99	0.05729	0.10018	0.03069	0.02138	2.32E-04	2.99E-03	1.96E-04	6.75E-05	3.48E-03	2.11E-04	0.00E+00	2.61E-06	1.84E-06	2.15E-04	2.68E-04	2.99E-03	1.96E-04	6.75E-05	3.52E-03
2127	495361.06, 3859651.99	0.05709	0.09937	0.03061	0.02125	2.31E-04	2.96E-03	1.95E-04	6.71E-05	3.46E-03	2.10E-04	0.00E+00	2.60E-06	1.83E-06	2.14E-04	2.67E-04	2.96E-03	1.95E-04	6.71E-05	3.49E-03
2128	495411.06, 3859651.99	0.05684	0.0983	0.03058	0.02112	2.30E-04	2.93E-03	1.95E-04	6.67E-05	3.42E-03	2.09E-04	0.00E+00	2.60E-06	1.82E-06	2.13E-04	2.66E-04	2.93E-03	1.95E-04	6.67E-05	3.46E-03
2129	495461.06, 3859651.99	0.05642	0.09639	0.03066	0.02096	2.28E-04	2.88E-03	1.96E-04	6.62E-05	3.37E-03	2.07E-04	0.00E+00	2.61E-06	1.80E-06	2.12E-04	2.64E-04	2.88E-03	1.96E-04	6.62E-05	3.40E-03
2130	495511.06, 3859651.99	0.05604	0.09478	0.03068	0.02081	2.27E-04	2.83E-03	1.96E-04	6.57E-05	3.32E-03	2.06E-04	0.00E+00	2.61E-06	1.79E-06	2.10E-04	2.62E-04	2.83E-03	1.96E-04	6.57E-05	3.35E-03
2131	495561.06, 3859651.99	0.05583	0.09399	0.0306	0.02068	2.26E-04	2.80E-03	1.95E-04	6.53E-05	3.29E-03	2.05E-04	0.00E+00	2.60E-06	1.78E-06	2.10E-04	2.61E-04	2.80E-03	1.95E-04	6.53E-05	3.33E-03
2132	495611.06, 3859651.99	0.05553	0.09283	0.03055	0.02055	2.24E-04	2.77E-03	1.95E-04	6.49E-05	3.25E-03	2.04E-04	0.00E+00	2.60E-06	1.77E-06	2.09E-04	2.60E-04	2.77E-03	1.95E-04	6.49E-05	3.29E-03
2133	495661.06, 3859651.99	0.0552	0.09155	0.03052	0.0204	2.23E-04	2.73E-03	1.95E-04	6.44E-05	3.21E-03	2.03E-04	0.00E+00	2.60E-06	1.76E-06	2.07E-04	2.58E-04	2.73E-03	1.95E-04	6.44E-05	3.25E-03
2134	494311.06, 3859701.99	0.06136	0.12835	0.02858	0.02385	2.48E-04	3.83E-03	1.82E-04	7.53E-05	4.33E-03	2.26E-04	0.00E+00	2.43E-06	2.05E-06	2.30E-04	2.87E-04	3.83E-03	1.82E-04	7.53E-05	4.37E-03
2135	494361.06, 3859701.99	0.06103	0.12629	0.02883	0.0237	2.47E-04	3.77E-03	1.84E-04	7.48E-05	4.27E-03	2.24E-04	0.00E+00	2.45E-06	2.04E-06	2.29E-04	2.85E-04	3.77E-03	1.84E-04	7.48E-05	4.31E-03
2136	494411.06, 3859701.99	0.06083	0.12531	0.02883	0.02353	2.46E-04	3.74E-03	1.84E-04	7.43E-05	4.24E-03	2.24E-04	0.00E+00	2.45E-06	2.03E-06	2.28E-04	2.84E-04	3.74E-03	1.84E-04	7.43E-05	4.28E-03
2137	494461.06, 3859701.99	0.0608	0.12599	0.0285	0.02334	2.46E-04	3.76E-03	1.82E-04	7.37E-05	4.26E-03	2.24E-04	0.00E+00	2.42E-06	2.01E-06	2.28E-04	2.84E-04	3.76E-03	1.82E-04	7.37E-05	4.30E-03
2138	494511.06, 3859701.99	0.06055	0.12431	0.02863	0.02319	2.45E-04	3.71E-03	1.83E-04	7.32E-05	4.21E-03	2.23E-04	0.00E+00	2.43E-06	2.00E-06	2.27E-04	2.83E-04	3.71E-03	1.83E-04	7.32E-05	4.25E-03
2139	494561.06, 3859701.99	0.06035	0.12318	0.02864	0.02303	2.44E-04	3.67E-03	1.83E-04	7.27E-05	4.17E-03	2.22E-04	0.00E+00	2.44E-06	1.98E-06	2.26E-04	2.82E-04	3.67E-03	1.83E-04	7.27E-05	4.21E-03
2140	494611.06, 3859701.99	0.06013	0.12193	0.02869	0.02288	2.43E-04	3.64E-03	1.83E-04	7.22E-05	4.14E-03	2.21E-04	0.00E+00	2.44E-06	1.97E-06	2.25E-04	2.81E-04	3.64E-03	1.83E-04	7.22E-05	4.17E-03
2141	494661.06, 3859701.99	0.05959	0.11758	0.02935	0.02278	2.41E-04	3.51E-03	1.87E-04	7.19E-05	4.01E-03	2.19E-04	0.00E+00	2.50E-06	1.96E-06	2.24E-04	2.79E-04	3.51E-03	1.87E-04	7.19E-05	4.05E-03
2142	494711.06, 3859701.99	0.05948	0.11718	0.02922	0.02262	2.40E-04	3.50E-03	1.86E-04	7.14E-05	3.99E-03	2.19E-04	0.00E+00	2.49E-06	1.95E-06	2.23E-04	2.78E-04	3.50E-03	1.86E-04	7.14E-05	4.03E-03
2143	494761.06, 3859701.99	0.05918	0.11521	0.02941	0.02248	2.39E-04	3.44E-03	1.88E-04	7.10E-05	3.93E-03	2.18E-04	0.00E+00	2.50E-06	1.94E-06	2.22E-04	2.77E-04	3.44E-03	1.88E-04	7.10E-05	3.97E-03
2144	494811.06, 3859701.99	0.05888	0.1132	0.02961	0.02235	2.38E-04	3.38E-03	1.89E-04	7.06E-05	3.87E-03	2.16E-04	0.00E+00	2.52E-06	1.92E-06	2.21E-04	2.75E-04	3.38E-03	1.89E-04	7.06E-05	3.91E-03
2145	494861.06, 3859701.99	0.05879	0.11299	0.02943	0.0222	2.38E-04	3.37E-03	1.88E-04	7.01E-05	3.87E-03	2.16E-04	0.00E+00	2.50E-06	1.91E-06	2.21E-04	2.75E-04	3.37E-03	1.88E-04	7.01E-05	3.90E-03
2146	494911.06, 3859701.99	0.05853	0.11137	0.02954	0.02206	2.37E-04	3.32E-03	1.88E-04	6.97E-05	3.82E-03	2.15E-04	0.00E+00	2.51E-06	1.90E-06	2.20E-04	2.74E-04	3.32E-03	1.88E-04	6.97E-05	3.85E-03
2147	494961.06, 3859701.99	0.05828	0.10983	0.02963	0.02193	2.36E-04	3.28E-03	1.89E-04	6.92E-05	3.77E-03	2.14E-04	0.00E+00	2.52E-06	1.89E-06	2.19E-04	2.73E-04	3.28E-03	1.89E-04	6.92E-05	3.81E-03
2148	495011.06, 3859701.99	0.05811	0.10898	0.02958	0.02179	2.35E-04	3.25E-03	1.89E-04	6.88E-05	3.74E-03	2.14E-04	0.00E+00	2.52E-06	1.88E-06	2.18E-04	2.72E-04	3.25E-03	1.89E-04	6.88E-05	3.78E-03
2149	495061.06, 3859701.99	0.05789	0.10774	0.02961	0.02166	2.34E-04	3.21E-03	1.89E-04	6.84E-05	3.71E-03	2.13E-04	0.00E+00	2.52E-06	1.87E-06	2.17E-04	2.71E-04	3.21E-03	1.89E-04	6.84E-05	3.74E-03
2150	495111.06, 3859701.99	0.05766	0.10648	0.02964	0.02153	2.33E-04	3.18E-03	1.89E-04	6.80E-05	3.67E-03	2.12E-04	0.00E+00	2.52E-06	1.85E-06	2.16E-04	2.70E-04	3.18E-03	1.89E-04	6.80E-05	3.70E-03
2151	495161.06, 3859701.99	0.05741	0.10509	0.0297	0.0214	2.32E-04	3.14E-03	1.89E-04	6.76E-05	3.62E-03	2.11E-04	0.00E+00	2.53E-06	1.84E-06	2.15E-04	2.68E-04	3.14E-03	1.89E-04	6.76E-05	3.66E-03
2152	495211.06, 3859701.99	0.05714	0.10365	0.02976	0.02127	2.31E-04	3.09E-03	1.90E-04	6.72E-05	3.58E-03	2.10E-04	0.00E+00	2.53E-06	1.83E-06	2.14E-04	2.67E-04	3.09E-03	1.90E-04	6.72E-05	3.62E-03
2153	495261.06, 3859701.99	0.05704	0.1033	0.02961	0.02114	2.31E-04	3.08E-03	1.89E-04	6.67E-05	3.57E-03	2.10E-04	0.00E+00	2.52E-06	1.82E-06	2.14E-04	2.67E-04	3.08E-03	1.89E-04	6.67E-05	3.60E-03
2154	495311.06, 3859701.99	0.05679	0.102	0.02964	0.02101	2.30E-04	3.04E-03	1.89E-04	6.63E-05	3.53E-03	2.09E-04	0.00E+00	2.52E-06	1.81E-06	2.13E-04	2.66E-04	3.04E-03	1.89E-04	6.63E-05	3.56E-03
2155	495361.06, 3859701.99	0.05655	0.10076	0.02965	0.02089	2.29E-04	3.01E-03	1.89E-04	6.60E-05	3.49E-03	2.08E-04	0.00E+00	2.52E-06	1.80E-06	2.12E-04	2.64E-04	3.01E-03	1.89E-04	6.60E-05	3.53E-03
2156	495411.06, 3859701.99	0.05623	0.09915	0.02974	0.02075	2.27E-04	2.96E-03	1.90E-04	6.55E-05	3.44E-03	2.07E-04	0.00E+00	2.53E-06	1.79E-06	2.11E-04	2.63E-04	2.96E-03	1.90E-04	6.55E-05	3.48E-03
2157	495461.06, 3859701.99	0.05596	0.09791	0.02975	0.02063	2.26E-04	2.92E-03	1.90E-04	6.51E-05	3.40E-03	2.06E-04	0.00E+00	2.53E-06	1.78E-06	2.10E-04	2.62E-04	2.92E-03	1.90E-04	6.51E-05	3.44E-03
2158	495511.06, 3859701.99	0.0555	0.09565	0.02991	0.02048	2.24E-04	2.85E-03	1.91E-04	6.47E-05	3.33E-03	2.04E-04	0.00E+00	2.54E-06	1.76E-06	2.08E-04	2.60E-04	2.85E-03	1.91E-04	6.47E-05	3.37E-03
2159	495561.06, 3859701.99	0.05545	0.09562	0.02972	0.02037	2.24E-04	2.85E-03	1.90E-04	6.43E-05	3.33E-03	2.04E-04	0.00E+00	2.53E-06	1.75E-06	2.08E-04	2.59E-04	2.85E-03	1.90E-04	6.43E-05	3.37E-03
2160	495611.06, 3859701.99	0.05519	0.09452	0.0297	0.02025	2.23E-04	2.82E-03	1.89E-04	6.39E-05	3.30E-03	2.03E-04	0.00E+00	2.53E-06	1.74E-06	2.07E-04	2.58E-04	2.82E-03	1.89E-04	6.39E-05	3.33E-03
2161	495661.06, 3859701.99	0.0549	0.09332	0.02969	0.02012	2.22E-04	2.78E-03	1.89E-04	6.35E-05	3.26E-03	2.02E-04	0.00E+00	2.53E-06	1.73E-06	2.06E-04	2.57E-04	2.78E-03	1.89E-04	6.35E-05	3.29E-03
2162	494311.06, 3859751.99	0.06065	0.13072	0.02706	0.0233	2.45E-04	3.90E-03	1.73E-04	7.36E-05	4.39E-03	2.23E-04	0.00E+00	2.30E-06	2.01E-06	2.27E-04	2.84E-04	3.90E-03	1.73E-04	7.36E-05	4.43E-03
2163	494361.06, 3859751.99	0.06038	0.129	0.0272	0.02315	2.44E-04	3.85E-03	1.73E-04	7.31E-05	4.34E-03	2.22E-04	0.00E+00	2.31E-06	1.99E-06	2.26E-04	2.82E-04	3.85E-03	1.73E-04	7.31E-05	4.38E-03
2164	494411.06, 3859751.99	0.06008	0.12688	0.02741	0.02301	2.43E-04	3.79E-03	1.75E-04	7.27E-05	4.28E-03	2.21E-04	0.00E+00	2.33E-06	1.98E-06	2.25E-04	2.81E-04	3.79E-03	1.75E-04	7.27E-05	4.31E-03
2165	494461.06, 3859751.99	0.05998	0.12707	0.02721	0.02282	2.42E-04	3.79E-03	1.74E-04	7.21E-05	4.28E-03	2.21E-04	0.00E+00	2.31E-06	1.97E-06	2.25E-04	2.81E-04	3.79E-03	1.74E-04	7.21E-05	4.32E-03
2166	494511.06, 3859751.99	0.05983	0.12653	0.02714	0.02266	2.42E-04	3.77E-03	1.73E-04	7.15E-05	4.26E-03	2.20E-04	0.00E+00	2.31E-06	1.95E-06	2.24E-04	2.80E-04	3.77E-03	1.73E-04	7.15E-05	4.30E-03
2167	494561.06, 3859751.99	0.05959	0.12495	0.02725	0.02251	2.41E-04	3.73E-03	1.74E-04	7.11E-05	4.21E-03	2.19E-04	0.00E+00	2.32E-06	1.94E-06	2.23E-04	2.79E-04	3.73E-03	1.74E-04	7.11E-05	4.25E-03
2168	494611.06, 3859751.99	0.0593	0.12287	0.02746	0.02239	2.40E-04	3.67E-03	1.75E-04	7.07E-05	4.15E-03	2.18E-04	0.00E+00	2.34E-06	1.93E-06	2.22E-04	2.77E-04	3.67E-03	1.75E-04	7.07E-05	4.19E-03
2169	494661.06, 3859751.99	0.05893	0.11957	0.02787	0.02228	2.38E-04	3.57E-03	1.78E-04	7.03E-05	4.05E-03	2.17E-04	0.00E+00	2.37E-06	1.92E-06	2.21E-04	2.76E-04	3.57E-03	1.78E-04	7.03E-05	4.09E-03
2170	494711.06, 3859751.99	0.05878	0.11919	0.0278	0.02213	2.38E-04	3.56E-03	1.77E-04	6.99E-05	4.04E-03	2.16E-04	0.00E+00	2.36E-06	1.91E-06	2.20E-04	2.75E-04	3.56E-03	1.77E-04	6.99E-05	4.08E-03
2171	494761.06, 3859751.99	0.05859	0.11813	0.02782	0.02198	2.37E-04	3.52E-03	1.77E-04	6.94E-05	4.01E-03	2.15E-04	0.00E+00	2.37E-06	1.89E-06	2.20E-04	2.74E-04	3.52E-03	1.77E-04	6.94E-05	4.05E-03
2172	494811.06, 3859751.99	0.05833	0.11633	0.02799	0.02186	2.36E-04	3.47E-03	1.79E-04	6.90E-05	3.95E-03	2.14E-04	0.00E+00	2.38E-06	1.88E-06	2.19E-04	2.73E-04	3.47E-03	1.79E-04	6.90E-05	3.99E-03
2173	494861.06, 3859751.99	0.05813	0.1151	0.02804	0.02173	2.35E-04	3.43E-03	1.79E-04	6.86E-05	3.92E-03	2.14E-04	0.00E+00	2.38E-06	1.87E-06	2.18E-04	2.72E-04	3.43E-03	1.79E-04	6.86E-05	3.95E-03
2174	494911.06, 3859751.99	0.05792	0.11382	0.0281	0.0216	2.34E-04	3.40E-03	1.79E-04	6.82E-05	3.88E-03	2.13E-04	0.00E+00	2.39E-06	1.86E-06	2.17E-04	2.71E-04	3.40E-03	1.79E-04	6.82E-05	3.91E-03
2175	494961.06, 3859751.99	0.05772	0.11258	0.02815	0.02147	2.33E-04	3.36E-03	1.80E-04	6.78E-05	3.84E-03	2.12E-04	0.00E+00	2.39E-06	1.85E-06	2.16E-04	2.70E-04	3.36E-03	1.80E-04	6.78E-05	3.88E-03
2176	495011.06, 3859751.99	0.0575	0.1112	0.02823	0.02134	2.32E-04	3.32E-03	1.80E-04	6.74E-05	3.80E-03	2.11E-04	0.00E+00	2.40E-06	1.84E-06	2.16E-04	2.69E-04	3.32E-03	1.80E-04	6.74E-05	3.83E-03
2177	495061.06, 3859751.99	0.05733	0.1103	0.02821	0.02121	2.32E-04	3.29E-03	1.80E-04	6.70E-05	3.77E-03	2.11E-04	0.00E+00	2.40E-06	1.83E-06	2.15E-04	2.68E-04	3.29E-03	1.80E-04	6.70E-05	3.81E-03
2178	495111.06, 3859751.99	0.05712	0.10899	0.02827	0.02109	2.31E-04	3.25E-03	1.80E-04	6.66E-05	3.73E-03	2.10E-04	0.00E+00	2.40E-06	1.82E-06	2.14E-04	2.67E-04	3.25E-03	1.80E-04	6.66E-05	3.77E-03
2179	495161.06, 3859751.99	0.05688	0.10753	0.02837	0.02097	2.30E-04	3.21E-03	1.81E-04	6.62E-05	3.69E-03	2.09E-04	0.00E+00	2.41E-06	1.81E-06	2.13E-04	2.66E-04	3.21E-03	1.81E-04	6.62E-05	3.72E-03

2180	495211.06, 3859751.99	0.05664	0.10603	0.02847	0.02085	2.29E-04	3.16E-03	1.82E-04	6.58E-05	3.64E-03	2.08E-04	0.00E+00	2.42E-06	1.80E-06	2.12E-04	2.65E-04	3.16E-03	1.82E-04	6.58E-05	3.68E-03
2181	495261.06, 3859751.99	0.05646	0.10509	0.02845	0.02073	2.28E-04	3.14E-03	1.81E-04	6.55E-05	3.61E-03	2.08E-04	0.00E+00	2.42E-06	1.79E-06	2.12E-04	2.64E-04	3.14E-03	1.81E-04	6.55E-05	3.65E-03
2182	495311.06, 3859751.99	0.05623	0.10379	0.02851	0.02061	2.27E-04	3.10E-03	1.82E-04	6.51E-05	3.57E-03	2.07E-04	0.00E+00	2.42E-06	1.77E-06	2.11E-04	2.63E-04	3.10E-03	1.82E-04	6.51E-05	3.61E-03
2183	495361.06, 3859751.99	0.05601	0.10262	0.02854	0.0205	2.26E-04	3.06E-03	1.82E-04	6.47E-05	3.53E-03	2.06E-04	0.00E+00	2.43E-06	1.77E-06	2.10E-04	2.62E-04	3.06E-03	1.82E-04	6.47E-05	3.57E-03
2184	495411.06, 3859751.99	0.0558	0.1015	0.02856	0.02038	2.26E-04	3.03E-03	1.82E-04	6.43E-05	3.50E-03	2.05E-04	0.00E+00	2.43E-06	1.75E-06	2.09E-04	2.61E-04	3.03E-03	1.82E-04	6.43E-05	3.54E-03
2185	495461.06, 3859751.99	0.0555	0.09983	0.02868	0.02027	2.24E-04	2.98E-03	1.83E-04	6.40E-05	3.45E-03	2.04E-04	0.00E+00	2.44E-06	1.75E-06	2.08E-04	2.60E-04	2.98E-03	1.83E-04	6.40E-05	3.48E-03
2186	495511.06, 3859751.99	0.05519	0.09817	0.0288	0.02015	2.23E-04	2.93E-03	1.84E-04	6.36E-05	3.40E-03	2.03E-04	0.00E+00	2.45E-06	1.74E-06	2.07E-04	2.58E-04	2.93E-03	1.84E-04	6.36E-05	3.43E-03
2187	495561.06, 3859751.99	0.05496	0.09701	0.0288	0.02003	2.22E-04	2.89E-03	1.84E-04	6.32E-05	3.36E-03	2.02E-04	0.00E+00	2.45E-06	1.72E-06	2.06E-04	2.57E-04	2.89E-03	1.84E-04	6.32E-05	3.40E-03
2188	495611.06, 3859751.99	0.05473	0.09593	0.0288	0.01991	2.21E-04	2.86E-03	1.84E-04	6.29E-05	3.33E-03	2.01E-04	0.00E+00	2.45E-06	1.71E-06	2.05E-04	2.56E-04	2.86E-03	1.84E-04	6.29E-05	3.36E-03
2189	495661.06, 3859751.99	0.05454	0.09514	0.02875	0.0198	2.20E-04	2.84E-03	1.83E-04	6.25E-05	3.30E-03	2.01E-04	0.00E+00	2.45E-06	1.70E-06	2.05E-04	2.55E-04	2.84E-03	1.83E-04	6.25E-05	3.34E-03
2190	494311.06, 3859801.99	0.05995	0.13298	0.02559	0.02274	2.42E-04	3.97E-03	1.63E-04	7.18E-05	4.44E-03	2.20E-04	0.00E+00	2.18E-06	1.96E-06	2.25E-04	2.80E-04	3.97E-03	1.63E-04	7.18E-05	4.48E-03
2191	494361.06, 3859801.99	0.05963	0.13052	0.02583	0.02261	2.41E-04	3.89E-03	1.65E-04	7.14E-05	4.37E-03	2.19E-04	0.00E+00	2.20E-06	1.95E-06	2.23E-04	2.79E-04	3.89E-03	1.65E-04	7.14E-05	4.41E-03
2192	494411.06, 3859801.99	0.0593	0.12795	0.02611	0.02249	2.40E-04	3.82E-03	1.67E-04	7.10E-05	4.29E-03	2.18E-04	0.00E+00	2.22E-06	1.94E-06	2.22E-04	2.77E-04	3.82E-03	1.67E-04	7.10E-05	4.33E-03
2193	494461.06, 3859801.99	0.05918	0.12793	0.02598	0.02231	2.39E-04	3.82E-03	1.66E-04	7.04E-05	4.29E-03	2.18E-04	0.00E+00	2.21E-06	1.92E-06	2.22E-04	2.77E-04	3.82E-03	1.66E-04	7.04E-05	4.33E-03
2194	494511.06, 3859801.99	0.05907	0.1281	0.02581	0.02213	2.39E-04	3.82E-03	1.65E-04	6.99E-05	4.29E-03	2.17E-04	0.00E+00	2.20E-06	1.91E-06	2.21E-04	2.76E-04	3.82E-03	1.65E-04	6.99E-05	4.33E-03
2195	494561.06, 3859801.99	0.05884	0.12661	0.02591	0.02199	2.38E-04	3.78E-03	1.65E-04	6.94E-05	4.25E-03	2.16E-04	0.00E+00	2.20E-06	1.89E-06	2.20E-04	2.75E-04	3.78E-03	1.65E-04	6.94E-05	4.29E-03
2196	494611.06, 3859801.99	0.05848	0.12357	0.02628	0.02189	2.36E-04	3.69E-03	1.68E-04	6.91E-05	4.16E-03	2.15E-04	0.00E+00	2.24E-06	1.88E-06	2.19E-04	2.73E-04	3.69E-03	1.68E-04	6.91E-05	4.20E-03
2197	494661.06, 3859801.99	0.05824	0.12189	0.02643	0.02176	2.35E-04	3.64E-03	1.69E-04	6.87E-05	4.11E-03	2.14E-04	0.00E+00	2.25E-06	1.87E-06	2.18E-04	2.72E-04	3.64E-03	1.69E-04	6.87E-05	4.15E-03
2198	494711.06, 3859801.99	0.05796	0.1198	0.02666	0.02165	2.34E-04	3.57E-03	1.70E-04	6.84E-05	4.05E-03	2.13E-04	0.00E+00	2.27E-06	1.86E-06	2.17E-04	2.71E-04	3.57E-03	1.70E-04	6.84E-05	4.08E-03
2199	494761.06, 3859801.99	0.05787	0.11991	0.02647	0.02148	2.34E-04	3.58E-03	1.69E-04	6.78E-05	4.05E-03	2.13E-04	0.00E+00	2.25E-06	1.85E-06	2.17E-04	2.71E-04	3.58E-03	1.69E-04	6.78E-05	4.08E-03
2200	494811.06, 3859801.99	0.05764	0.1183	0.0266	0.02136	2.33E-04	3.53E-03	1.70E-04	6.74E-05	4.00E-03	2.12E-04	0.00E+00	2.26E-06	1.84E-06	2.16E-04	2.70E-04	3.53E-03	1.70E-04	6.74E-05	4.04E-03
2201	494861.06, 3859801.99	0.05745	0.11722	0.02664	0.02123	2.32E-04	3.50E-03	1.70E-04	6.70E-05	3.97E-03	2.11E-04	0.00E+00	2.27E-06	1.83E-06	2.15E-04	2.69E-04	3.50E-03	1.70E-04	6.70E-05	4.00E-03
2202	494911.06, 3859801.99	0.05721	0.11545	0.02681	0.02112	2.31E-04	3.44E-03	1.71E-04	6.67E-05	3.91E-03	2.10E-04	0.00E+00	2.28E-06	1.82E-06	2.14E-04	2.68E-04	3.44E-03	1.71E-04	6.67E-05	3.95E-03
2203	494961.06, 3859801.99	0.05701	0.11421	0.02687	0.021	2.30E-04	3.41E-03	1.71E-04	6.63E-05	3.88E-03	2.10E-04	0.00E+00	2.29E-06	1.81E-06	2.14E-04	2.67E-04	3.41E-03	1.71E-04	6.63E-05	3.91E-03
2204	495011.06, 3859801.99	0.0568	0.11287	0.02696	0.02088	2.30E-04	3.37E-03	1.72E-04	6.59E-05	3.83E-03	2.09E-04	0.00E+00	2.29E-06	1.80E-06	2.13E-04	2.66E-04	3.37E-03	1.72E-04	6.59E-05	3.87E-03
2205	495061.06, 3859801.99	0.05662	0.11183	0.02698	0.02076	2.29E-04	3.34E-03	1.72E-04	6.55E-05	3.80E-03	2.08E-04	0.00E+00	2.29E-06	1.79E-06	2.12E-04	2.65E-04	3.34E-03	1.72E-04	6.55E-05	3.84E-03
2206	495111.06, 3859801.99	0.0564	0.11028	0.02711	0.02064	2.28E-04	3.29E-03	1.73E-04	6.52E-05	3.76E-03	2.07E-04	0.00E+00	2.31E-06	1.78E-06	2.11E-04	2.64E-04	3.29E-03	1.73E-04	6.52E-05	3.79E-03
2207	495161.06, 3859801.99	0.05618	0.10884	0.02722	0.02053	2.27E-04	3.25E-03	1.74E-04	6.48E-05	3.71E-03	2.07E-04	0.00E+00	2.31E-06	1.77E-06	2.11E-04	2.63E-04	3.25E-03	1.74E-04	6.48E-05	3.75E-03
2208	495211.06, 3859801.99	0.056	0.10783	0.02723	0.02042	2.26E-04	3.22E-03	1.74E-04	6.45E-05	3.68E-03	2.06E-04	0.00E+00	2.32E-06	1.76E-06	2.10E-04	2.62E-04	3.22E-03	1.74E-04	6.45E-05	3.72E-03
2209	495261.06, 3859801.99	0.05578	0.10636	0.02735	0.02031	2.25E-04	3.17E-03	1.74E-04	6.41E-05	3.64E-03	2.05E-04	0.00E+00	2.33E-06	1.75E-06	2.09E-04	2.61E-04	3.17E-03	1.74E-04	6.41E-05	3.67E-03
2210	495311.06, 3859801.99	0.05561	0.10547	0.02734	0.02019	2.25E-04	3.15E-03	1.74E-04	6.37E-05	3.61E-03	2.04E-04	0.00E+00	2.33E-06	1.74E-06	2.09E-04	2.60E-04	3.15E-03	1.74E-04	6.37E-05	3.64E-03
2211	495361.06, 3859801.99	0.0554	0.10418	0.02741	0.02009	2.24E-04	3.11E-03	1.75E-04	6.34E-05	3.57E-03	2.04E-04	0.00E+00	2.33E-06	1.73E-06	2.08E-04	2.59E-04	3.11E-03	1.75E-04	6.34E-05	3.61E-03
2212	495411.06, 3859801.99	0.05516	0.10267	0.02753	0.01998	2.23E-04	3.06E-03	1.76E-04	6.31E-05	3.52E-03	2.03E-04	0.00E+00	2.34E-06	1.72E-06	2.07E-04	2.58E-04	3.06E-03	1.76E-04	6.31E-05	3.56E-03
2213	495461.06, 3859801.99	0.05494	0.10149	0.02758	0.01987	2.22E-04	3.03E-03	1.76E-04	6.27E-05	3.49E-03	2.02E-04	0.00E+00	2.35E-06	1.71E-06	2.06E-04	2.57E-04	3.03E-03	1.76E-04	6.27E-05	3.52E-03
2214	495511.06, 3859801.99	0.05466	0.09973	0.02774	0.01977	2.21E-04	2.98E-03	1.77E-04	6.24E-05	3.44E-03	2.01E-04	0.00E+00	2.36E-06	1.70E-06	2.05E-04	2.56E-04	2.98E-03	1.77E-04	6.24E-05	3.47E-03
2215	495561.06, 3859801.99	0.05447	0.09877	0.02774	0.01966	2.20E-04	2.95E-03	1.77E-04	6.21E-05	3.41E-03	2.00E-04	0.00E+00	2.36E-06	1.69E-06	2.04E-04	2.55E-04	2.95E-03	1.77E-04	6.21E-05	3.44E-03
2216	495611.06, 3859801.99	0.05434	0.0983	0.02764	0.01956	2.20E-04	2.93E-03	1.76E-04	6.18E-05	3.39E-03	2.00E-04	0.00E+00	2.35E-06	1.68E-06	2.04E-04	2.54E-04	2.93E-03	1.76E-04	6.18E-05	3.42E-03
2217	495661.06, 3859801.99	0.05406	0.09677	0.02775	0.01945	2.19E-04	2.89E-03	1.77E-04	6.14E-05	3.34E-03	1.99E-04	0.00E+00	2.36E-06	1.67E-06	2.03E-04	2.53E-04	2.89E-03	1.77E-04	6.14E-05	3.38E-03
2218	494311.06, 3859851.99	0.05919	0.13411	0.02437	0.0222	2.39E-04	4.00E-03	1.55E-04	7.01E-05	4.47E-03	2.18E-04	0.00E+00	2.07E-06	1.91E-06	2.22E-04	2.77E-04	4.00E-03	1.55E-04	7.01E-05	4.50E-03
2219	494361.06, 3859851.99	0.05892	0.13214	0.02453	0.02206	2.38E-04	3.94E-03	1.56E-04	6.97E-05	4.41E-03	2.17E-04	0.00E+00	2.09E-06	1.90E-06	2.21E-04	2.76E-04	3.94E-03	1.56E-04	6.97E-05	4.44E-03
2220	494411.06, 3859851.99	0.05862	0.12992	0.02473	0.02194	2.37E-04	3.88E-03	1.58E-04	6.93E-05	4.34E-03	2.16E-04	0.00E+00	2.10E-06	1.89E-06	2.20E-04	2.74E-04	3.88E-03	1.58E-04	6.93E-05	4.38E-03
2221	494461.06, 3859851.99	0.05837	0.12831	0.02485	0.02181	2.36E-04	3.83E-03	1.59E-04	6.89E-05	4.29E-03	2.15E-04	0.00E+00	2.11E-06	1.88E-06	2.19E-04	2.73E-04	3.83E-03	1.59E-04	6.89E-05	4.33E-03
2222	494511.06, 3859851.99	0.05821	0.12786	0.02481	0.02164	2.35E-04	3.81E-03	1.58E-04	6.83E-05	4.28E-03	2.14E-04	0.00E+00	2.11E-06	1.86E-06	2.18E-04	2.72E-04	3.81E-03	1.58E-04	6.83E-05	4.31E-03
2223	494561.06, 3859851.99	0.05808	0.12768	0.02472	0.02147	2.35E-04	3.81E-03	1.58E-04	6.78E-05	4.27E-03	2.14E-04	0.00E+00	2.10E-06	1.85E-06	2.17E-04	2.72E-04	3.81E-03	1.58E-04	6.78E-05	4.31E-03
2224	494611.06, 3859851.99	0.05772	0.1245	0.02508	0.02139	2.33E-04	3.71E-03	1.60E-04	6.75E-05	4.18E-03	2.12E-04	0.00E+00	2.13E-06	1.84E-06	2.16E-04	2.70E-04	3.71E-03	1.60E-04	6.75E-05	4.21E-03
2225	494661.06, 3859851.99	0.05755	0.12381	0.02506	0.02124	2.33E-04	3.69E-03	1.60E-04	6.71E-05	4.15E-03	2.12E-04	0.00E+00	2.13E-06	1.83E-06	2.16E-04	2.69E-04	3.69E-03	1.60E-04	6.71E-05	4.19E-03
2226	494711.06, 3859851.99	0.05726	0.12147	0.02532	0.02114	2.31E-04	3.62E-03	1.62E-04	6.67E-05	4.08E-03	2.11E-04	0.00E+00	2.15E-06	1.82E-06	2.14E-04	2.68E-04	3.62E-03	1.62E-04	6.67E-05	4.12E-03
2227	494761.06, 3859851.99	0.05714	0.12133	0.0252	0.02098	2.31E-04	3.62E-03	1.61E-04	6.62E-05	4.08E-03	2.10E-04	0.00E+00	2.14E-06	1.81E-06	2.14E-04	2.67E-04	3.62E-03	1.61E-04	6.62E-05	4.11E-03
2228	494811.06, 3859851.99	0.05692	0.11985	0.02532	0.02087	2.30E-04	3.58E-03	1.62E-04	6.59E-05	4.03E-03	2.09E-04	0.00E+00	2.15E-06	1.80E-06	2.13E-04	2.66E-04	3.58E-03	1.62E-04	6.59E-05	4.07E-03
2229	494861.06, 3859851.99	0.05675	0.11895	0.02533	0.02073	2.29E-04	3.55E-03	1.62E-04	6.55E-05	4.01E-03	2.09E-04	0.00E+00	2.15E-06	1.79E-06	2.13E-04	2.65E-04	3.55E-03	1.62E-04	6.55E-05	4.04E-03
2230	494911.06, 3859851.99	0.05651	0.11725	0.02549	0.02063	2.28E-04	3.50E-03	1.63E-04	6.51E-05	3.95E-03	2.08E-04	0.00E+00	2.17E-06	1.78E-06	2.12E-04	2.64E-04	3.50E-03	1.63E-04	6.51E-05	3.99E-03
2231	494961.06, 3859851.99	0.05632	0.11598	0.02557	0.02051	2.28E-04	3.46E-03	1.63E-04	6.48E-05	3.92E-03	2.07E-04	0.00E+00	2.17E-06	1.77E-06	2.11E-04	2.63E-04	3.46E-03	1.63E-04	6.48E-05	3.95E-03
2232	495011.06, 3859851.99	0.05612	0.11468	0.02565	0.0204	2.27E-04	3.42E-03	1.64E-04	6.44E-05	3.88E-03	2.06E-04	0.00E+00	2.18E-06	1.76E-06	2.10E-04	2.62E-04	3.42E-03	1.64E-04	6.44E-05	3.91E-03
2233	495061.06, 3859851.99	0.05594	0.11364	0.02569	0.02028	2.26E-04	3.39E-03	1.64E-04	6.40E-05	3.84E-03	2.06E-04	0.00E+00	2.18E-06	1.75E-06	2.10E-04	2.62E-04	3.39E-03	1.64E-04	6.40E-05	3.88E-03
2234	495111.06, 3859851.99	0.05571	0.11196	0.02585	0.02018	2.25E-04	3.34E-03	1.65E-04	6.37E-05	3.79E-03	2.05E-04	0.00E+00	2.20E-06	1.74E-06	2.09E-04	2.61E-04	3.34E-03	1.65E-04	6.37E-05	3.83E-03
2235	495161.06, 3859851.99	0.05551	0.11061	0.02595	0.02008	2.24E-04	3.30E-03	1.66E-04	6.34E-05	3.75E-03	2.04E-04	0.00E+00	2.21E-06	1.73E-06	2.08E-04	2.60E-04	3.30E-03	1.66E-04	6.34E-05	3.79E-03
2236	495211.06, 3859851.99	0.05532	0.10938	0.02602	0.01997	2.24E-04	3.26E-03	1.66E-04	6.31E-05	3.72E-03	2.03E-04	0.00E+00	2.21E-06	1.72E-06	2.07E-04	2.59E-04	3.26E-03	1.66E-04	6.31E-05	3.75E-03
2237	495261.06, 3859851.99	0.05512	0.10805	0.02612	0.01987	2.23E-04	3.22E-03	1.67E-04	6.27E-05	3.68E-03	2.03E-04	0.00E+00	2.22E-06	1.71E-06	2.07E-04	2.58E-04	3.22E-03	1.67E-04	6.27E-05	3.71E-03
2238	495311.06, 3859851.99	0.05495	0.10703	0.02615	0.01976	2.22E-04	3.19E-03	1.67E-04	6.24E-05	3.64E-03	2.02E-04	0.00E+00	2.22E-06	1.70E-06	2.06E-04	2.57E-04	3.19E-03	1.67E-04	6.24E-05	3.68E-03

2239	495361.06, 3859851.99	0.05477	0.10588	0.02621	0.01966	2.21E-04	3.16E-03	1.67E-04	6.21E-05	3.61E-03	2.01E-04	0.00E+00	2.23E-06	1.69E-06	2.05E-04	2.56E-04	3.16E-03	1.67E-04	6.21E-05	3.64E-03
2240	495411.06, 3859851.99	0.05455	0.10441	0.02633	0.01956	2.21E-04	3.11E-03	1.68E-04	6.18E-05	3.57E-03	2.01E-04	0.00E+00	2.24E-06	1.68E-06	2.04E-04	2.55E-04	3.11E-03	1.68E-04	6.18E-05	3.60E-03
2241	495461.06, 3859851.99	0.05433	0.10301	0.02645	0.01947	2.20E-04	3.07E-03	1.69E-04	6.15E-05	3.52E-03	2.00E-04	0.00E+00	2.25E-06	1.68E-06	2.04E-04	2.54E-04	3.07E-03	1.69E-04	6.15E-05	3.56E-03
2242	495511.06, 3859851.99	0.05409	0.10143	0.02659	0.01937	2.19E-04	3.03E-03	1.70E-04	6.12E-05	3.48E-03	1.99E-04	0.00E+00	2.26E-06	1.67E-06	2.03E-04	2.53E-04	3.03E-03	1.70E-04	6.12E-05	3.51E-03
2243	495561.06, 3859851.99	0.05394	0.10063	0.02658	0.01927	2.18E-04	3.00E-03	1.70E-04	6.08E-05	3.45E-03	1.98E-04	0.00E+00	2.26E-06	1.66E-06	2.02E-04	2.52E-04	3.00E-03	1.70E-04	6.08E-05	3.48E-03
2244	495611.06, 3859851.99	0.05377	0.09975	0.02658	0.01917	2.17E-04	2.98E-03	1.70E-04	6.05E-05	3.42E-03	1.98E-04	0.00E+00	2.26E-06	1.65E-06	2.02E-04	2.51E-04	2.98E-03	1.70E-04	6.05E-05	3.46E-03
2245	495661.06, 3859851.99	0.05352	0.09827	0.0267	0.01908	2.16E-04	2.93E-03	1.70E-04	6.02E-05	3.38E-03	1.97E-04	0.00E+00	2.27E-06	1.64E-06	2.01E-04	2.50E-04	2.93E-03	1.70E-04	6.02E-05	3.41E-03
2246	494311.06, 3859901.99	0.05844	0.13487	0.02328	0.02167	2.36E-04	4.02E-03	1.48E-04	6.84E-05	4.48E-03	2.15E-04	0.00E+00	1.98E-06	1.87E-06	2.19E-04	2.73E-04	4.02E-03	1.48E-04	6.84E-05	4.51E-03
2247	494361.06, 3859901.99	0.05811	0.13202	0.02352	0.02157	2.35E-04	3.94E-03	1.50E-04	6.81E-05	4.39E-03	2.14E-04	0.00E+00	2.00E-06	1.86E-06	2.17E-04	2.72E-04	3.94E-03	1.50E-04	6.81E-05	4.43E-03
2248	494411.06, 3859901.99	0.05791	0.13116	0.02354	0.02141	2.34E-04	3.91E-03	1.50E-04	6.76E-05	4.36E-03	2.13E-04	0.00E+00	2.00E-06	1.84E-06	2.17E-04	2.71E-04	3.91E-03	1.50E-04	6.76E-05	4.40E-03
2249	494461.06, 3859901.99	0.05767	0.12962	0.02365	0.02128	2.33E-04	3.87E-03	1.51E-04	6.72E-05	4.32E-03	2.12E-04	0.00E+00	2.01E-06	1.83E-06	2.16E-04	2.70E-04	3.87E-03	1.51E-04	6.72E-05	4.35E-03
2250	494511.06, 3859901.99	0.05747	0.12865	0.02368	0.02113	2.32E-04	3.84E-03	1.51E-04	6.67E-05	4.29E-03	2.11E-04	0.00E+00	2.01E-06	1.82E-06	2.15E-04	2.69E-04	3.84E-03	1.51E-04	6.67E-05	4.32E-03
2251	494561.06, 3859901.99	0.05736	0.12888	0.02357	0.02096	2.32E-04	3.84E-03	1.50E-04	6.62E-05	4.29E-03	2.11E-04	0.00E+00	2.00E-06	1.80E-06	2.15E-04	2.68E-04	3.84E-03	1.50E-04	6.62E-05	4.33E-03
2252	494611.06, 3859901.99	0.057	0.12561	0.0239	0.02088	2.30E-04	3.75E-03	1.52E-04	6.59E-05	4.20E-03	2.10E-04	0.00E+00	2.03E-06	1.80E-06	2.13E-04	2.67E-04	3.75E-03	1.52E-04	6.59E-05	4.23E-03
2253	494661.06, 3859901.99	0.05688	0.12557	0.02381	0.02072	2.30E-04	3.75E-03	1.52E-04	6.54E-05	4.19E-03	2.09E-04	0.00E+00	2.02E-06	1.78E-06	2.13E-04	2.66E-04	3.75E-03	1.52E-04	6.54E-05	4.23E-03
2254	494711.06, 3859901.99	0.05652	0.12244	0.02415	0.02065	2.28E-04	3.65E-03	1.54E-04	6.52E-05	4.10E-03	2.08E-04	0.00E+00	2.05E-06	1.78E-06	2.12E-04	2.64E-04	3.65E-03	1.54E-04	6.52E-05	4.14E-03
2255	494761.06, 3859901.99	0.05637	0.12194	0.02412	0.0205	2.28E-04	3.64E-03	1.54E-04	6.47E-05	4.08E-03	2.07E-04	0.00E+00	2.05E-06	1.77E-06	2.11E-04	2.64E-04	3.64E-03	1.54E-04	6.47E-05	4.12E-03
2256	494811.06, 3859901.99	0.05623	0.12147	0.02407	0.02036	2.27E-04	3.62E-03	1.54E-04	6.43E-05	4.07E-03	2.07E-04	0.00E+00	2.05E-06	1.75E-06	2.11E-04	2.63E-04	3.62E-03	1.54E-04	6.43E-05	4.10E-03
2257	494861.06, 3859901.99	0.05605	0.12048	0.02411	0.02024	2.27E-04	3.59E-03	1.54E-04	6.39E-05	4.04E-03	2.06E-04	0.00E+00	2.05E-06	1.74E-06	2.10E-04	2.62E-04	3.59E-03	1.54E-04	6.39E-05	4.07E-03
2258	494911.06, 3859901.99	0.05581	0.11876	0.02426	0.02014	2.26E-04	3.54E-03	1.55E-04	6.36E-05	3.99E-03	2.05E-04	0.00E+00	2.06E-06	1.73E-06	2.09E-04	2.61E-04	3.54E-03	1.55E-04	6.36E-05	4.02E-03
2259	494961.06, 3859901.99	0.05563	0.11768	0.02431	0.02002	2.25E-04	3.51E-03	1.55E-04	6.32E-05	3.95E-03	2.05E-04	0.00E+00	2.07E-06	1.72E-06	2.08E-04	2.60E-04	3.51E-03	1.55E-04	6.32E-05	3.99E-03
2260	495011.06, 3859901.99	0.05542	0.11616	0.02443	0.01992	2.24E-04	3.47E-03	1.56E-04	6.29E-05	3.91E-03	2.04E-04	0.00E+00	2.08E-06	1.72E-06	2.08E-04	2.59E-04	3.47E-03	1.56E-04	6.29E-05	3.94E-03
2261	495061.06, 3859901.99	0.05522	0.11485	0.02453	0.01981	2.23E-04	3.43E-03	1.56E-04	6.25E-05	3.87E-03	2.03E-04	0.00E+00	2.09E-06	1.71E-06	2.07E-04	2.58E-04	3.43E-03	1.56E-04	6.25E-05	3.90E-03
2262	495111.06, 3859901.99	0.05499	0.11316	0.02469	0.01972	2.22E-04	3.38E-03	1.57E-04	6.23E-05	3.82E-03	2.02E-04	0.00E+00	2.10E-06	1.70E-06	2.06E-04	2.57E-04	3.38E-03	1.57E-04	6.23E-05	3.85E-03
2263	495161.06, 3859901.99	0.05478	0.11161	0.02483	0.01963	2.21E-04	3.33E-03	1.58E-04	6.20E-05	3.77E-03	2.01E-04	0.00E+00	2.11E-06	1.69E-06	2.05E-04	2.56E-04	3.33E-03	1.58E-04	6.20E-05	3.81E-03
2264	495211.06, 3859901.99	0.05462	0.11074	0.02484	0.01951	2.21E-04	3.30E-03	1.58E-04	6.16E-05	3.74E-03	2.01E-04	0.00E+00	2.11E-06	1.68E-06	2.05E-04	2.55E-04	3.30E-03	1.58E-04	6.16E-05	3.78E-03
2265	495261.06, 3859901.99	0.05439	0.10896	0.02504	0.01943	2.20E-04	3.25E-03	1.60E-04	6.13E-05	3.69E-03	2.00E-04	0.00E+00	2.13E-06	1.67E-06	2.04E-04	2.54E-04	3.25E-03	1.60E-04	6.13E-05	3.73E-03
2266	495311.06, 3859901.99	0.05424	0.10813	0.02504	0.01932	2.19E-04	3.23E-03	1.60E-04	6.10E-05	3.67E-03	1.99E-04	0.00E+00	2.13E-06	1.66E-06	2.03E-04	2.54E-04	3.23E-03	1.60E-04	6.10E-05	3.70E-03
2267	495361.06, 3859901.99	0.05405	0.10682	0.02514	0.01923	2.18E-04	3.19E-03	1.60E-04	6.07E-05	3.63E-03	1.99E-04	0.00E+00	2.14E-06	1.66E-06	2.03E-04	2.53E-04	3.19E-03	1.60E-04	6.07E-05	3.66E-03
2268	495411.06, 3859901.99	0.05384	0.10531	0.02529	0.01914	2.18E-04	3.14E-03	1.61E-04	6.04E-05	3.58E-03	1.98E-04	0.00E+00	2.15E-06	1.65E-06	2.02E-04	2.52E-04	3.14E-03	1.61E-04	6.04E-05	3.62E-03
2269	495461.06, 3859901.99	0.05364	0.104	0.02539	0.01905	2.17E-04	3.10E-03	1.62E-04	6.01E-05	3.54E-03	1.97E-04	0.00E+00	2.16E-06	1.64E-06	2.01E-04	2.51E-04	3.10E-03	1.62E-04	6.01E-05	3.58E-03
2270	495511.06, 3859901.99	0.05349	0.10311	0.02541	0.01895	2.16E-04	3.08E-03	1.62E-04	5.98E-05	3.51E-03	1.97E-04	0.00E+00	2.16E-06	1.63E-06	2.00E-04	2.50E-04	3.08E-03	1.62E-04	5.98E-05	3.55E-03
2271	495561.06, 3859901.99	0.05333	0.10221	0.02543	0.01886	2.16E-04	3.05E-03	1.62E-04	5.95E-05	3.49E-03	1.96E-04	0.00E+00	2.16E-06	1.62E-06	2.00E-04	2.49E-04	3.05E-03	1.62E-04	5.95E-05	3.52E-03
2272	495611.06, 3859901.99	0.05312	0.10084	0.02554	0.01877	2.15E-04	3.01E-03	1.63E-04	5.93E-05	3.45E-03	1.95E-04	0.00E+00	2.17E-06	1.62E-06	1.99E-04	2.48E-04	3.01E-03	1.63E-04	5.93E-05	3.48E-03
2273	495661.06, 3859901.99	0.0529	0.09939	0.02568	0.01869	2.14E-04	2.97E-03	1.64E-04	5.90E-05	3.40E-03	1.94E-04	0.00E+00	2.18E-06	1.61E-06	1.98E-04	2.47E-04	2.97E-03	1.64E-04	5.90E-05	3.44E-03
2274	494311.06, 3859951.99	0.05786	0.13585	0.02226	0.02113	2.34E-04	4.05E-03	1.42E-04	6.67E-05	4.50E-03	2.13E-04	0.00E+00	1.89E-06	1.82E-06	2.16E-04	2.71E-04	4.05E-03	1.42E-04	6.67E-05	4.53E-03
2275	494361.06, 3859951.99	0.05763	0.13384	0.02238	0.02101	2.33E-04	3.99E-03	1.43E-04	6.63E-05	4.43E-03	2.12E-04	0.00E+00	1.90E-06	1.81E-06	2.16E-04	2.70E-04	3.99E-03	1.43E-04	6.63E-05	4.47E-03
2276	494411.06, 3859951.99	0.0572	0.13205	0.02249	0.02089	2.31E-04	3.94E-03	1.43E-04	6.60E-05	4.38E-03	2.10E-04	0.00E+00	1.91E-06	1.80E-06	2.14E-04	2.68E-04	3.94E-03	1.43E-04	6.60E-05	4.42E-03
2277	494461.06, 3859951.99	0.05696	0.13056	0.02258	0.02076	2.30E-04	3.90E-03	1.44E-04	6.55E-05	4.33E-03	2.09E-04	0.00E+00	1.92E-06	1.79E-06	2.13E-04	2.66E-04	3.90E-03	1.44E-04	6.55E-05	4.37E-03
2278	494511.06, 3859951.99	0.05677	0.12963	0.02261	0.02062	2.29E-04	3.87E-03	1.44E-04	6.51E-05	4.31E-03	2.09E-04	0.00E+00	1.92E-06	1.78E-06	2.12E-04	2.65E-04	3.87E-03	1.44E-04	6.51E-05	4.34E-03
2279	494561.06, 3859951.99	0.05681	0.13017	0.0225	0.02044	2.30E-04	3.88E-03	1.44E-04	6.45E-05	4.32E-03	2.09E-04	0.00E+00	1.91E-06	1.76E-06	2.13E-04	2.66E-04	3.88E-03	1.44E-04	6.45E-05	4.36E-03
2280	494611.06, 3859951.99	0.05635	0.1273	0.02273	0.02036	2.28E-04	3.80E-03	1.45E-04	6.43E-05	4.23E-03	2.07E-04	0.00E+00	1.93E-06	1.75E-06	2.11E-04	2.64E-04	3.80E-03	1.45E-04	6.43E-05	4.27E-03
2281	494661.06, 3859951.99	0.0564	0.12704	0.02269	0.02021	2.28E-04	3.79E-03	1.45E-04	6.38E-05	4.23E-03	2.07E-04	0.00E+00	1.93E-06	1.74E-06	2.11E-04	2.64E-04	3.79E-03	1.45E-04	6.38E-05	4.26E-03
2282	494711.06, 3859951.99	0.0559	0.12443	0.02291	0.02013	2.26E-04	3.71E-03	1.46E-04	6.36E-05	4.15E-03	2.06E-04	0.00E+00	1.95E-06	1.73E-06	2.09E-04	2.61E-04	3.71E-03	1.46E-04	6.36E-05	4.18E-03
2283	494761.06, 3859951.99	0.05572	0.12351	0.02294	0.02	2.25E-04	3.68E-03	1.46E-04	6.31E-05	4.12E-03	2.05E-04	0.00E+00	1.95E-06	1.72E-06	2.09E-04	2.61E-04	3.68E-03	1.46E-04	6.31E-05	4.15E-03
2284	494811.06, 3859951.99	0.05553	0.12239	0.023	0.01988	2.24E-04	3.65E-03	1.47E-04	6.28E-05	4.09E-03	2.04E-04	0.00E+00	1.96E-06	1.71E-06	2.08E-04	2.60E-04	3.65E-03	1.47E-04	6.28E-05	4.12E-03
2285	494861.06, 3859951.99	0.05537	0.12176	0.023	0.01975	2.24E-04	3.63E-03	1.47E-04	6.24E-05	4.07E-03	2.04E-04	0.00E+00	1.96E-06	1.70E-06	2.07E-04	2.59E-04	3.63E-03	1.47E-04	6.24E-05	4.10E-03
2286	494911.06, 3859951.99	0.05513	0.12001	0.02313	0.01965	2.23E-04	3.58E-03	1.48E-04	6.20E-05	4.01E-03	2.03E-04	0.00E+00	1.97E-06	1.69E-06	2.06E-04	2.58E-04	3.58E-03	1.48E-04	6.20E-05	4.05E-03
2287	494961.06, 3859951.99	0.05491	0.11843	0.02326	0.01955	2.22E-04	3.53E-03	1.48E-04	6.17E-05	3.97E-03	2.02E-04	0.00E+00	1.98E-06	1.68E-06	2.06E-04	2.57E-04	3.53E-03	1.48E-04	6.17E-05	4.00E-03
2288	495011.06, 3859951.99	0.0547	0.11701	0.02336	0.01945	2.21E-04	3.49E-03	1.49E-04	6.14E-05	3.92E-03	2.01E-04	0.00E+00	1.99E-06	1.67E-06	2.05E-04	2.56E-04	3.49E-03	1.49E-04	6.14E-05	3.96E-03
2289	495061.06, 3859951.99	0.05451	0.11585	0.02343	0.01935	2.20E-04	3.46E-03	1.49E-04	6.11E-05	3.89E-03	2.00E-04	0.00E+00	1.99E-06	1.67E-06	2.04E-04	2.55E-04	3.46E-03	1.49E-04	6.11E-05	3.92E-03
2290	495111.06, 3859951.99	0.05429	0.11419	0.02358	0.01926	2.19E-04	3.41E-03	1.50E-04	6.08E-05	3.84E-03	2.00E-04	0.00E+00	2.01E-06	1.66E-06	2.03E-04	2.54E-04	3.41E-03	1.50E-04	6.08E-05	3.87E-03
2291	495161.06, 3859951.99	0.05407	0.11262	0.02373	0.01917	2.19E-04	3.36E-03	1.51E-04	6.05E-05	3.79E-03	1.99E-04	0.00E+00	2.02E-06	1.65E-06	2.02E-04	2.53E-04	3.36E-03	1.51E-04	6.05E-05	3.82E-03
2292	495211.06, 3859951.99	0.05387	0.11109	0.02387	0.01909	2.18E-04	3.31E-03	1.52E-04	6.03E-05	3.74E-03	1.98E-04	0.00E+00	2.03E-06	1.64E-06	2.02E-04	2.52E-04	3.31E-03	1.52E-04	6.03E-05	3.78E-03
2293	495261.06, 3859951.99	0.05368	0.10986	0.02396	0.01899	2.17E-04	3.28E-03	1.53E-04	6.00E-05	3.71E-03	1.97E-04	0.00E+00	2.04E-06	1.64E-06	2.01E-04	2.51E-04	3.28E-03	1.53E-04	6.00E-05	3.74E-03
2294	495311.06, 3859951.99	0.05354	0.10913	0.02395	0.01888	2.16E-04	3.26E-03	1.53E-04	5.96E-05	3.68E-03	1.97E-04	0.00E+00	2.04E-06	1.63E-06	2.01E-04	2.50E-04	3.26E-03	1.53E-04	5.96E-05	3.72E-03
2295	495361.06, 3859951.99	0.05337	0.10805	0.02402	0.01879	2.16E-04	3.22E-03	1.53E-04	5.93E-05	3.65E-03	1.96E-04	0.00E+00	2.04E-06	1.62E-06	2.00E-04	2.50E-04	3.22E-03	1.53E-04	5.93E-05	3.69E-03
2296	495411.06, 3859951.99	0.05317	0.10659	0.02416	0.01871	2.15E-04	3.18E-03	1.54E-04	5.91E-05	3.61E-03	1.95E-04	0.00E+00	2.05E-06	1.61E-06	1.99E-04	2.49E-04	3.18E-03	1.54E-04	5.91E-05	3.64E-03
2297	495461.06, 3859951.99	0.05298	0.10529	0.02426	0.01862	2.14E-04	3.14E-03	1.55E-04	5.88E-05	3.57E-03	1.95E-04	0.00E+00	2.06E-06	1.60E-06	1.98E-04	2.48E-04	3.14E-03	1.55E-04	5.88E-05	3.60E-03

2298	495511.06, 3859951.99	0.05279	0.10399	0.02438	0.01854	2.13E-04	3.10E-03	1.56E-04	5.85E-05	3.53E-03	1.94E-04	0.00E+00	2.07E-06	1.60E-06	1.98E-04	2.47E-04	3.10E-03	1.56E-04	5.85E-05	3.56E-03
2299	495561.06, 3859951.99	0.05267	0.10344	0.02433	0.01844	2.13E-04	3.09E-03	1.55E-04	5.82E-05	3.51E-03	1.94E-04	0.00E+00	2.07E-06	1.59E-06	1.97E-04	2.46E-04	3.09E-03	1.55E-04	5.82E-05	3.55E-03
2300	495611.06, 3859951.99	0.05248	0.10208	0.02446	0.01836	2.12E-04	3.05E-03	1.56E-04	5.80E-05	3.47E-03	1.93E-04	0.00E+00	2.08E-06	1.58E-06	1.97E-04	2.45E-04	3.05E-03	1.56E-04	5.80E-05	3.50E-03
2301	495661.06, 3859951.99	0.05226	0.10049	0.02463	0.01829	2.11E-04	3.00E-03	1.57E-04	5.77E-05	3.42E-03	1.92E-04	0.00E+00	2.09E-06	1.57E-06	1.96E-04	2.44E-04	3.00E-03	1.57E-04	5.77E-05	3.46E-03
2302	494311.06, 3860001.99	0.05704	0.13649	0.02137	0.02061	2.31E-04	4.07E-03	1.36E-04	6.51E-05	4.50E-03	2.10E-04	0.00E+00	1.82E-06	1.77E-06	2.13E-04	2.67E-04	4.07E-03	1.36E-04	6.51E-05	4.54E-03
2303	494361.06, 3860001.99	0.05682	0.13492	0.02144	0.02048	2.30E-04	4.03E-03	1.37E-04	6.47E-05	4.46E-03	2.09E-04	0.00E+00	1.82E-06	1.76E-06	2.12E-04	2.66E-04	4.03E-03	1.37E-04	6.47E-05	4.49E-03
2304	494411.06, 3860001.99	0.0566	0.1326	0.02156	0.02038	2.29E-04	3.96E-03	1.38E-04	6.43E-05	4.39E-03	2.08E-04	0.00E+00	1.83E-06	1.75E-06	2.12E-04	2.65E-04	3.96E-03	1.38E-04	6.43E-05	4.42E-03
2305	494461.06, 3860001.99	0.0564	0.13152	0.0216	0.02025	2.28E-04	3.92E-03	1.38E-04	6.39E-05	4.35E-03	2.07E-04	0.00E+00	1.84E-06	1.74E-06	2.11E-04	2.64E-04	3.92E-03	1.38E-04	6.39E-05	4.39E-03
2306	494511.06, 3860001.99	0.05619	0.12976	0.0217	0.02013	2.27E-04	3.87E-03	1.38E-04	6.36E-05	4.30E-03	2.07E-04	0.00E+00	1.85E-06	1.73E-06	2.10E-04	2.63E-04	3.87E-03	1.38E-04	6.36E-05	4.34E-03
2307	494561.06, 3860001.99	0.056	0.13093	0.02158	0.01994	2.26E-04	3.91E-03	1.38E-04	6.30E-05	4.33E-03	2.06E-04	0.00E+00	1.84E-06	1.72E-06	2.09E-04	2.62E-04	3.91E-03	1.38E-04	6.30E-05	4.37E-03
2308	494611.06, 3860001.99	0.0558	0.12902	0.02169	0.01984	2.26E-04	3.85E-03	1.38E-04	6.26E-05	4.28E-03	2.05E-04	0.00E+00	1.84E-06	1.71E-06	2.09E-04	2.61E-04	3.85E-03	1.38E-04	6.26E-05	4.31E-03
2309	494661.06, 3860001.99	0.0556	0.12792	0.02173	0.01971	2.25E-04	3.82E-03	1.39E-04	6.22E-05	4.24E-03	2.04E-04	0.00E+00	1.85E-06	1.70E-06	2.08E-04	2.60E-04	3.82E-03	1.39E-04	6.22E-05	4.28E-03
2310	494711.06, 3860001.99	0.05517	0.12443	0.022	0.01966	2.23E-04	3.71E-03	1.40E-04	6.21E-05	4.14E-03	2.03E-04	0.00E+00	1.87E-06	1.69E-06	2.06E-04	2.58E-04	3.71E-03	1.40E-04	6.21E-05	4.17E-03
2311	494761.06, 3860001.99	0.0552	0.12453	0.02194	0.01951	2.23E-04	3.72E-03	1.40E-04	6.16E-05	4.14E-03	2.03E-04	0.00E+00	1.87E-06	1.68E-06	2.06E-04	2.58E-04	3.72E-03	1.40E-04	6.16E-05	4.17E-03
2312	494811.06, 3860001.99	0.05501	0.12363	0.02197	0.01939	2.22E-04	3.69E-03	1.40E-04	6.12E-05	4.11E-03	2.02E-04	0.00E+00	1.87E-06	1.67E-06	2.06E-04	2.57E-04	3.69E-03	1.40E-04	6.12E-05	4.15E-03
2313	494861.06, 3860001.99	0.05483	0.12293	0.02198	0.01926	2.22E-04	3.67E-03	1.40E-04	6.08E-05	4.09E-03	2.02E-04	0.00E+00	1.87E-06	1.66E-06	2.05E-04	2.56E-04	3.67E-03	1.40E-04	6.08E-05	4.12E-03
2314	494911.06, 3860001.99	0.05438	0.11981	0.02225	0.01921	2.20E-04	3.57E-03	1.42E-04	6.07E-05	4.00E-03	2.00E-04	0.00E+00	1.89E-06	1.65E-06	2.03E-04	2.54E-04	3.57E-03	1.42E-04	6.07E-05	4.03E-03
2315	494961.06, 3860001.99	0.05422	0.11903	0.02228	0.0191	2.19E-04	3.55E-03	1.42E-04	6.03E-05	3.97E-03	1.99E-04	0.00E+00	1.89E-06	1.64E-06	2.03E-04	2.54E-04	3.55E-03	1.42E-04	6.03E-05	4.01E-03
2316	495011.06, 3860001.99	0.05399	0.11747	0.02239	0.019	2.18E-04	3.50E-03	1.43E-04	6.00E-05	3.93E-03	1.98E-04	0.00E+00	1.90E-06	1.64E-06	2.02E-04	2.52E-04	3.50E-03	1.43E-04	6.00E-05	3.96E-03
2317	495061.06, 3860001.99	0.05384	0.11676	0.0224	0.01889	2.18E-04	3.48E-03	1.43E-04	5.96E-05	3.90E-03	1.98E-04	0.00E+00	1.91E-06	1.63E-06	2.01E-04	2.52E-04	3.48E-03	1.43E-04	5.96E-05	3.94E-03
2318	495111.06, 3860001.99	0.05362	0.11516	0.02253	0.0188	2.17E-04	3.44E-03	1.44E-04	5.94E-05	3.86E-03	1.97E-04	0.00E+00	1.92E-06	1.62E-06	2.01E-04	2.51E-04	3.44E-03	1.44E-04	5.94E-05	3.89E-03
2319	495161.06, 3860001.99	0.0534	0.11359	0.02267	0.01872	2.16E-04	3.39E-03	1.45E-04	5.91E-05	3.81E-03	1.96E-04	0.00E+00	1.93E-06	1.61E-06	2.00E-04	2.50E-04	3.39E-03	1.45E-04	5.91E-05	3.84E-03
2320	495211.06, 3860001.99	0.05325	0.11284	0.02268	0.01861	2.15E-04	3.37E-03	1.45E-04	5.88E-05	3.79E-03	1.96E-04	0.00E+00	1.93E-06	1.60E-06	1.99E-04	2.49E-04	3.37E-03	1.45E-04	5.88E-05	3.82E-03
2321	495261.06, 3860001.99	0.05305	0.1114	0.0228	0.01853	2.14E-04	3.32E-03	1.45E-04	5.85E-05	3.74E-03	1.95E-04	0.00E+00	1.94E-06	1.60E-06	1.99E-04	2.48E-04	3.32E-03	1.45E-04	5.85E-05	3.78E-03
2322	495311.06, 3860001.99	0.05287	0.11032	0.02286	0.01844	2.14E-04	3.29E-03	1.46E-04	5.82E-05	3.71E-03	1.94E-04	0.00E+00	1.94E-06	1.59E-06	1.98E-04	2.47E-04	3.29E-03	1.46E-04	5.82E-05	3.74E-03
2323	495361.06, 3860001.99	0.05263	0.1083	0.02309	0.01838	2.13E-04	3.23E-03	1.47E-04	5.80E-05	3.65E-03	1.93E-04	0.00E+00	1.96E-06	1.58E-06	1.97E-04	2.46E-04	3.23E-03	1.47E-04	5.80E-05	3.68E-03
2324	495411.06, 3860001.99	0.05251	0.1078	0.02306	0.01827	2.12E-04	3.22E-03	1.47E-04	5.77E-05	3.63E-03	1.93E-04	0.00E+00	1.96E-06	1.57E-06	1.97E-04	2.46E-04	3.22E-03	1.47E-04	5.77E-05	3.67E-03
2325	495461.06, 3860001.99	0.05233	0.10658	0.02315	0.01819	2.12E-04	3.18E-03	1.48E-04	5.74E-05	3.60E-03	1.92E-04	0.00E+00	1.97E-06	1.57E-06	1.96E-04	2.45E-04	3.18E-03	1.48E-04	5.74E-05	3.63E-03
2326	495511.06, 3860001.99	0.05216	0.10542	0.02324	0.01811	2.11E-04	3.15E-03	1.48E-04	5.72E-05	3.56E-03	1.92E-04	0.00E+00	1.98E-06	1.56E-06	1.95E-04	2.44E-04	3.15E-03	1.48E-04	5.72E-05	3.59E-03
2327	495561.06, 3860001.99	0.05202	0.10467	0.02325	0.01801	2.10E-04	3.12E-03	1.48E-04	5.69E-05	3.54E-03	1.91E-04	0.00E+00	1.98E-06	1.55E-06	1.95E-04	2.43E-04	3.12E-03	1.48E-04	5.69E-05	3.57E-03
2328	495611.06, 3860001.99	0.05182	0.10319	0.02339	0.01794	2.09E-04	3.08E-03	1.49E-04	5.66E-05	3.49E-03	1.91E-04	0.00E+00	1.99E-06	1.54E-06	1.94E-04	2.42E-04	3.08E-03	1.49E-04	5.66E-05	3.53E-03
2329	495661.06, 3860001.99	0.05163	0.10179	0.02353	0.01787	2.09E-04	3.04E-03	1.50E-04	5.64E-05	3.45E-03	1.90E-04	0.00E+00	2.00E-06	1.54E-06	1.93E-04	2.41E-04	3.04E-03	1.50E-04	5.64E-05	3.48E-03
2330	494411.06, 3860051.99	0.05581	0.13357	0.0207	0.01986	2.26E-04	3.98E-03	1.32E-04	6.27E-05	4.41E-03	2.05E-04	0.00E+00	1.76E-06	1.71E-06	2.09E-04	2.61E-04	3.98E-03	1.32E-04	6.27E-05	4.44E-03
2331	494461.06, 3860051.99	0.05561	0.13202	0.02076	0.01975	2.25E-04	3.94E-03	1.32E-04	6.24E-05	4.36E-03	2.04E-04	0.00E+00	1.77E-06	1.70E-06	2.08E-04	2.60E-04	3.94E-03	1.32E-04	6.24E-05	4.39E-03
2332	494511.06, 3860051.99	0.0554	0.13063	0.02082	0.01963	2.24E-04	3.90E-03	1.33E-04	6.20E-05	4.32E-03	2.04E-04	0.00E+00	1.77E-06	1.69E-06	2.07E-04	2.59E-04	3.90E-03	1.33E-04	6.20E-05	4.35E-03
2333	494561.06, 3860051.99	0.05521	0.13061	0.0208	0.01948	2.23E-04	3.90E-03	1.33E-04	6.15E-05	4.31E-03	2.03E-04	0.00E+00	1.77E-06	1.68E-06	2.06E-04	2.58E-04	3.90E-03	1.33E-04	6.15E-05	4.35E-03
2334	494611.06, 3860051.99	0.05501	0.12976	0.02083	0.01935	2.22E-04	3.87E-03	1.33E-04	6.11E-05	4.29E-03	2.02E-04	0.00E+00	1.77E-06	1.67E-06	2.06E-04	2.57E-04	3.87E-03	1.33E-04	6.11E-05	4.32E-03
2335	494661.06, 3860051.99	0.05481	0.12867	0.02087	0.01923	2.22E-04	3.84E-03	1.33E-04	6.07E-05	4.25E-03	2.02E-04	0.00E+00	1.77E-06	1.66E-06	2.05E-04	2.56E-04	3.84E-03	1.33E-04	6.07E-05	4.29E-03
2336	494711.06, 3860051.99	0.05461	0.12631	0.021	0.01915	2.21E-04	3.77E-03	1.34E-04	6.05E-05	4.18E-03	2.01E-04	0.00E+00	1.79E-06	1.65E-06	2.04E-04	2.55E-04	3.77E-03	1.34E-04	6.05E-05	4.22E-03
2337	494761.06, 3860051.99	0.05442	0.12536	0.02104	0.01903	2.20E-04	3.74E-03	1.34E-04	6.01E-05	4.15E-03	2.00E-04	0.00E+00	1.79E-06	1.64E-06	2.04E-04	2.55E-04	3.74E-03	1.34E-04	6.01E-05	4.19E-03
2338	494811.06, 3860051.99	0.05424	0.12492	0.02104	0.0189	2.19E-04	3.73E-03	1.34E-04	5.97E-05	4.14E-03	1.99E-04	0.00E+00	1.79E-06	1.63E-06	2.03E-04	2.54E-04	3.73E-03	1.34E-04	5.97E-05	4.17E-03
2339	494861.06, 3860051.99	0.05405	0.12431	0.02105	0.01878	2.18E-04	3.71E-03	1.34E-04	5.93E-05	4.12E-03	1.99E-04	0.00E+00	1.79E-06	1.62E-06	2.02E-04	2.53E-04	3.71E-03	1.34E-04	5.93E-05	4.15E-03
2340	494911.06, 3860051.99	0.05386	0.12244	0.02115	0.0187	2.18E-04	3.65E-03	1.35E-04	5.90E-05	4.06E-03	1.98E-04	0.00E+00	1.80E-06	1.61E-06	2.01E-04	2.52E-04	3.65E-03	1.35E-04	5.90E-05	4.10E-03
2341	494961.06, 3860051.99	0.05367	0.12049	0.02128	0.01862	2.17E-04	3.59E-03	1.36E-04	5.88E-05	4.01E-03	1.97E-04	0.00E+00	1.81E-06	1.60E-06	2.01E-04	2.51E-04	3.59E-03	1.36E-04	5.88E-05	4.04E-03
2342	495011.06, 3860051.99	0.05349	0.1188	0.02139	0.01853	2.16E-04	3.54E-03	1.36E-04	5.85E-05	3.96E-03	1.97E-04	0.00E+00	1.82E-06	1.60E-06	2.00E-04	2.50E-04	3.54E-03	1.36E-04	5.85E-05	3.99E-03
2343	495061.06, 3860051.99	0.05331	0.11746	0.02147	0.01844	2.15E-04	3.50E-03	1.37E-04	5.82E-05	3.91E-03	1.96E-04	0.00E+00	1.83E-06	1.59E-06	1.99E-04	2.49E-04	3.50E-03	1.37E-04	5.82E-05	3.95E-03
2344	495111.06, 3860051.99	0.05313	0.11566	0.02161	0.01836	2.15E-04	3.45E-03	1.38E-04	5.80E-05	3.86E-03	1.95E-04	0.00E+00	1.84E-06	1.58E-06	1.99E-04	2.48E-04	3.45E-03	1.38E-04	5.80E-05	3.89E-03
2345	495161.06, 3860051.99	0.05275	0.11439	0.02169	0.01828	2.13E-04	3.41E-03	1.38E-04	5.77E-05	3.82E-03	1.94E-04	0.00E+00	1.84E-06	1.57E-06	1.97E-04	2.47E-04	3.41E-03	1.38E-04	5.77E-05	3.86E-03
2346	495211.06, 3860051.99	0.05254	0.11292	0.0218	0.0182	2.12E-04	3.37E-03	1.39E-04	5.75E-05	3.78E-03	1.93E-04	0.00E+00	1.85E-06	1.57E-06	1.97E-04	2.46E-04	3.37E-03	1.39E-04	5.75E-05	3.81E-03
2347	495261.06, 3860051.99	0.05237	0.11193	0.02186	0.0181	2.12E-04	3.34E-03	1.39E-04	5.71E-05	3.75E-03	1.93E-04	0.00E+00	1.86E-06	1.56E-06	1.96E-04	2.45E-04	3.34E-03	1.39E-04	5.71E-05	3.78E-03
2348	495311.06, 3860051.99	0.05222	0.11109	0.02189	0.018	2.11E-04	3.31E-03	1.40E-04	5.68E-05	3.72E-03	1.92E-04	0.00E+00	1.86E-06	1.55E-06	1.95E-04	2.44E-04	3.31E-03	1.40E-04	5.68E-05	3.75E-03
2349	495361.06, 3860051.99	0.05205	0.11003	0.02195	0.01792	2.10E-04	3.28E-03	1.40E-04	5.66E-05	3.69E-03	1.91E-04	0.00E+00	1.87E-06	1.54E-06	1.95E-04	2.43E-04	3.28E-03	1.40E-04	5.66E-05	3.72E-03
2350	495411.06, 3860051.99	0.05187	0.10888	0.02203	0.01783	2.10E-04	3.25E-03	1.41E-04	5.63E-05	3.65E-03	1.91E-04	0.00E+00	1.87E-06	1.54E-06	1.94E-04	2.43E-04	3.25E-03	1.41E-04	5.63E-05	3.69E-03
2351	495461.06, 3860051.99	0.05168	0.10759	0.02213	0.01776	2.09E-04	3.21E-03	1.41E-04	5.61E-05	3.62E-03	1.90E-04	0.00E+00	1.88E-06	1.53E-06	1.93E-04	2.42E-04	3.21E-03	1.41E-04	5.61E-05	3.65E-03
2352	495511.06, 3860051.99	0.05153	0.10668	0.02217	0.01767	2.08E-04	3.18E-03	1.41E-04	5.58E-05	3.59E-03	1.89E-04	0.00E+00	1.89E-06	1.52E-06	1.93E-04	2.41E-04	3.18E-03	1.41E-04	5.58E-05	3.62E-03
2353	495561.06, 3860051.99	0.05136	0.10556	0.02225	0.01759	2.08E-04	3.15E-03	1.42E-04	5.55E-05	3.55E-03	1.89E-04	0.00E+00	1.89E-06	1.51E-06	1.92E-04	2.40E-04	3.15E-03	1.42E-04	5.55E-05	3.59E-03
2354	495611.06, 3860051.99	0.05118	0.10428	0.02236	0.01752	2.07E-04	3.11E-03	1.43E-04	5.53E-05	3.52E-03	1.88E-04	0.00E+00	1.90E-06	1.51E-06	1.92E-04	2.39E-04	3.11E-03	1.43E-04	5.53E-05	3.55E-03
2355	495661.06, 3860051.99	0.05098	0.1027	0.02252	0.01747	2.06E-04	3.06E-03	1.44E-04	5.52E-05	3.47E-03	1.87E-04	0.00E+00	1.92E-06	1.50E-06	1.91E-04	2.38E-04	3.06E-03	1.44E-04	5.52E-05	3.50E-03
2356	494411.06, 3860101.99	0.05503	0.13288	0.02	0.0194	2.22E-04	3.96E-03	1.28E-04	6.13E-05	4.38E-03	2.02E-04	0.00E+00	1.70E-06	1.67E-06	2.06E-04	2.57E-04	3.96E-03	1.28E-04	6.13E-05	4.41E-03

2357	494461.06, 3860101.99	0.05483	0.13266	0.02	0.01925	2.22E-04	3.96E-03	1.28E-04	6.08E-05	4.37E-03	2.02E-04	0.00E+00	1.70E-06	1.66E-06	2.05E-04	2.56E-04	3.96E-03	1.28E-04	6.08E-05	4.40E-03
2358	494511.06, 3860101.99	0.05463	0.13054	0.02008	0.01916	2.21E-04	3.89E-03	1.28E-04	6.05E-05	4.30E-03	2.01E-04	0.00E+00	1.71E-06	1.65E-06	2.04E-04	2.55E-04	3.89E-03	1.28E-04	6.05E-05	4.34E-03
2359	494561.06, 3860101.99	0.05443	0.12982	0.0201	0.01903	2.20E-04	3.87E-03	1.28E-04	6.01E-05	4.28E-03	2.00E-04	0.00E+00	1.71E-06	1.64E-06	2.03E-04	2.55E-04	3.87E-03	1.28E-04	6.01E-05	4.32E-03
2360	494611.06, 3860101.99	0.05423	0.12974	0.0201	0.01889	2.19E-04	3.87E-03	1.28E-04	5.96E-05	4.28E-03	1.99E-04	0.00E+00	1.71E-06	1.63E-06	2.03E-04	2.54E-04	3.87E-03	1.28E-04	5.96E-05	4.31E-03
2361	494661.06, 3860101.99	0.05403	0.12885	0.02013	0.01877	2.18E-04	3.84E-03	1.28E-04	5.93E-05	4.25E-03	1.99E-04	0.00E+00	1.71E-06	1.62E-06	2.02E-04	2.53E-04	3.84E-03	1.28E-04	5.93E-05	4.28E-03
2362	494711.06, 3860101.99	0.05385	0.12683	0.02021	0.01868	2.18E-04	3.78E-03	1.29E-04	5.90E-05	4.19E-03	1.98E-04	0.00E+00	1.72E-06	1.61E-06	2.01E-04	2.52E-04	3.78E-03	1.29E-04	5.90E-05	4.22E-03
2363	494761.06, 3860101.99	0.05366	0.12584	0.02025	0.01857	2.17E-04	3.75E-03	1.29E-04	5.86E-05	4.16E-03	1.97E-04	0.00E+00	1.72E-06	1.60E-06	2.01E-04	2.51E-04	3.75E-03	1.29E-04	5.86E-05	4.19E-03
2364	494811.06, 3860101.99	0.05346	0.12494	0.02028	0.01846	2.16E-04	3.73E-03	1.29E-04	5.83E-05	4.13E-03	1.97E-04	0.00E+00	1.72E-06	1.59E-06	2.00E-04	2.50E-04	3.73E-03	1.29E-04	5.83E-05	4.17E-03
2365	494861.06, 3860101.99	0.05324	0.12552	0.02026	0.01832	2.15E-04	3.74E-03	1.29E-04	5.78E-05	4.15E-03	1.96E-04	0.00E+00	1.72E-06	1.58E-06	1.99E-04	2.49E-04	3.74E-03	1.29E-04	5.78E-05	4.18E-03
2366	494911.06, 3860101.99	0.0531	0.12198	0.02041	0.01828	2.15E-04	3.64E-03	1.30E-04	5.77E-05	4.04E-03	1.95E-04	0.00E+00	1.74E-06	1.57E-06	1.99E-04	2.48E-04	3.64E-03	1.30E-04	5.77E-05	4.08E-03
2367	494961.06, 3860101.99	0.05292	0.12089	0.02046	0.01818	2.14E-04	3.61E-03	1.31E-04	5.74E-05	4.01E-03	1.95E-04	0.00E+00	1.74E-06	1.57E-06	1.98E-04	2.47E-04	3.61E-03	1.31E-04	5.74E-05	4.04E-03
2368	495011.06, 3860101.99	0.05274	0.11927	0.02055	0.01809	2.13E-04	3.56E-03	1.31E-04	5.71E-05	3.96E-03	1.94E-04	0.00E+00	1.75E-06	1.56E-06	1.97E-04	2.47E-04	3.56E-03	1.31E-04	5.71E-05	3.99E-03
2369	495061.06, 3860101.99	0.05256	0.11778	0.02064	0.01801	2.12E-04	3.51E-03	1.32E-04	5.69E-05	3.91E-03	1.93E-04	0.00E+00	1.76E-06	1.55E-06	1.97E-04	2.46E-04	3.51E-03	1.32E-04	5.69E-05	3.95E-03
2370	495111.06, 3860101.99	0.05238	0.11595	0.02076	0.01794	2.12E-04	3.46E-03	1.32E-04	5.66E-05	3.86E-03	1.93E-04	0.00E+00	1.77E-06	1.54E-06	1.96E-04	2.45E-04	3.46E-03	1.32E-04	5.66E-05	3.89E-03
2371	495161.06, 3860101.99	0.05221	0.11502	0.0208	0.01784	2.11E-04	3.43E-03	1.33E-04	5.63E-05	3.83E-03	1.92E-04	0.00E+00	1.77E-06	1.54E-06	1.95E-04	2.44E-04	3.43E-03	1.33E-04	5.63E-05	3.86E-03
2372	495211.06, 3860101.99	0.05204	0.11379	0.02088	0.01776	2.10E-04	3.39E-03	1.33E-04	5.61E-05	3.79E-03	1.91E-04	0.00E+00	1.78E-06	1.53E-06	1.95E-04	2.43E-04	3.39E-03	1.33E-04	5.61E-05	3.83E-03
2373	495261.06, 3860101.99	0.05187	0.11256	0.02095	0.01767	2.10E-04	3.36E-03	1.34E-04	5.58E-05	3.76E-03	1.91E-04	0.00E+00	1.78E-06	1.52E-06	1.94E-04	2.43E-04	3.36E-03	1.34E-04	5.58E-05	3.79E-03
2374	495311.06, 3860101.99	0.0517	0.11149	0.02101	0.01759	2.09E-04	3.33E-03	1.34E-04	5.55E-05	3.72E-03	1.90E-04	0.00E+00	1.79E-06	1.51E-06	1.93E-04	2.42E-04	3.33E-03	1.34E-04	5.55E-05	3.76E-03
2375	495361.06, 3860101.99	0.05154	0.11071	0.02104	0.01749	2.08E-04	3.30E-03	1.34E-04	5.52E-05	3.70E-03	1.89E-04	0.00E+00	1.79E-06	1.51E-06	1.93E-04	2.41E-04	3.30E-03	1.34E-04	5.52E-05	3.73E-03
2376	495411.06, 3860101.99	0.05138	0.1095	0.02112	0.01742	2.08E-04	3.27E-03	1.35E-04	5.50E-05	3.66E-03	1.89E-04	0.00E+00	1.80E-06	1.50E-06	1.92E-04	2.40E-04	3.27E-03	1.35E-04	5.50E-05	3.70E-03
2377	495461.06, 3860101.99	0.05102	0.10785	0.02127	0.01736	2.06E-04	3.22E-03	1.36E-04	5.48E-05	3.61E-03	1.88E-04	0.00E+00	1.81E-06	1.49E-06	1.91E-04	2.39E-04	3.22E-03	1.36E-04	5.48E-05	3.65E-03
2378	495511.06, 3860101.99	0.05087	0.10711	0.02129	0.01727	2.06E-04	3.20E-03	1.36E-04	5.45E-05	3.59E-03	1.87E-04	0.00E+00	1.81E-06	1.49E-06	1.90E-04	2.38E-04	3.20E-03	1.36E-04	5.45E-05	3.62E-03
2379	495561.06, 3860101.99	0.05073	0.10636	0.02131	0.01718	2.05E-04	3.17E-03	1.36E-04	5.42E-05	3.57E-03	1.87E-04	0.00E+00	1.81E-06	1.48E-06	1.90E-04	2.37E-04	3.17E-03	1.36E-04	5.42E-05	3.60E-03
2380	495611.06, 3860101.99	0.05052	0.10476	0.02146	0.01712	2.04E-04	3.13E-03	1.37E-04	5.41E-05	3.52E-03	1.86E-04	0.00E+00	1.83E-06	1.47E-06	1.89E-04	2.36E-04	3.13E-03	1.37E-04	5.41E-05	3.55E-03
2381	495661.06, 3860101.99	0.05036	0.10371	0.02153	0.01705	2.04E-04	3.09E-03	1.37E-04	5.38E-05	3.49E-03	1.85E-04	0.00E+00	1.83E-06	1.47E-06	1.88E-04	2.36E-04	3.09E-03	1.37E-04	5.38E-05	3.52E-03
2382	494861.06, 3860151.99	0.05241	0.12627	0.01965	0.0179	2.12E-04	3.77E-03	1.25E-04	5.65E-05	4.16E-03	1.93E-04	0.00E+00	1.67E-06	1.54E-06	1.96E-04	2.45E-04	3.77E-03	1.25E-04	5.65E-05	4.19E-03
2383	494911.06, 3860151.99	0.05233	0.12266	0.01968	0.01783	2.12E-04	3.66E-03	1.26E-04	5.63E-05	4.05E-03	1.92E-04	0.00E+00	1.67E-06	1.54E-06	1.96E-04	2.45E-04	3.66E-03	1.26E-04	5.63E-05	4.09E-03
2384	494961.06, 3860151.99	0.05216	0.12121	0.01973	0.01775	2.11E-04	3.62E-03	1.26E-04	5.60E-05	4.01E-03	1.92E-04	0.00E+00	1.68E-06	1.53E-06	1.95E-04	2.44E-04	3.62E-03	1.26E-04	5.60E-05	4.04E-03
2385	495011.06, 3860151.99	0.05199	0.11964	0.0198	0.01766	2.10E-04	3.57E-03	1.26E-04	5.58E-05	3.96E-03	1.91E-04	0.00E+00	1.68E-06	1.52E-06	1.94E-04	2.43E-04	3.57E-03	1.26E-04	5.58E-05	3.99E-03
2386	495061.06, 3860151.99	0.05183	0.1181	0.01987	0.01758	2.10E-04	3.52E-03	1.27E-04	5.55E-05	3.92E-03	1.91E-04	0.00E+00	1.69E-06	1.51E-06	1.94E-04	2.42E-04	3.52E-03	1.27E-04	5.55E-05	3.95E-03
2387	495111.06, 3860151.99	0.05165	0.11683	0.01993	0.0175	2.09E-04	3.49E-03	1.27E-04	5.53E-05	3.88E-03	1.90E-04	0.00E+00	1.69E-06	1.51E-06	1.93E-04	2.42E-04	3.49E-03	1.27E-04	5.53E-05	3.91E-03
2388	495161.06, 3860151.99	0.05148	0.11568	0.01999	0.01741	2.08E-04	3.45E-03	1.28E-04	5.50E-05	3.84E-03	1.89E-04	0.00E+00	1.70E-06	1.50E-06	1.92E-04	2.41E-04	3.45E-03	1.28E-04	5.50E-05	3.87E-03
2389	495211.06, 3860151.99	0.05131	0.11438	0.02006	0.01733	2.07E-04	3.41E-03	1.28E-04	5.47E-05	3.80E-03	1.89E-04	0.00E+00	1.71E-06	1.49E-06	1.92E-04	2.40E-04	3.41E-03	1.28E-04	5.47E-05	3.83E-03
2390	495261.06, 3860151.99	0.05115	0.11331	0.02011	0.01725	2.07E-04	3.38E-03	1.28E-04	5.45E-05	3.77E-03	1.88E-04	0.00E+00	1.71E-06	1.49E-06	1.91E-04	2.39E-04	3.38E-03	1.28E-04	5.45E-05	3.80E-03
2391	495311.06, 3860151.99	0.05098	0.11223	0.02017	0.01717	2.06E-04	3.35E-03	1.29E-04	5.42E-05	3.74E-03	1.87E-04	0.00E+00	1.72E-06	1.48E-06	1.91E-04	2.38E-04	3.35E-03	1.29E-04	5.42E-05	3.77E-03
2392	495361.06, 3860151.99	0.05082	0.11123	0.02022	0.01708	2.05E-04	3.32E-03	1.29E-04	5.39E-05	3.71E-03	1.87E-04	0.00E+00	1.72E-06	1.47E-06	1.90E-04	2.38E-04	3.32E-03	1.29E-04	5.39E-05	3.74E-03
2393	495411.06, 3860151.99	0.05066	0.11007	0.02029	0.01701	2.05E-04	3.28E-03	1.29E-04	5.37E-05	3.67E-03	1.86E-04	0.00E+00	1.73E-06	1.46E-06	1.89E-04	2.37E-04	3.28E-03	1.29E-04	5.37E-05	3.70E-03
2394	495461.06, 3860151.99	0.0505	0.10897	0.02035	0.01693	2.04E-04	3.25E-03	1.30E-04	5.35E-05	3.64E-03	1.86E-04	0.00E+00	1.73E-06	1.46E-06	1.89E-04	2.36E-04	3.25E-03	1.30E-04	5.35E-05	3.67E-03
2395	495511.06, 3860151.99	0.05034	0.10767	0.02044	0.01686	2.03E-04	3.21E-03	1.30E-04	5.32E-05	3.60E-03	1.85E-04	0.00E+00	1.74E-06	1.45E-06	1.88E-04	2.35E-04	3.21E-03	1.30E-04	5.32E-05	3.63E-03
2396	495561.06, 3860151.99	0.05019	0.10674	0.02049	0.01679	2.03E-04	3.18E-03	1.31E-04	5.30E-05	3.57E-03	1.85E-04	0.00E+00	1.74E-06	1.45E-06	1.88E-04	2.35E-04	3.18E-03	1.31E-04	5.30E-05	3.60E-03
2397	495611.06, 3860151.99	0.05004	0.10551	0.02058	0.01672	2.02E-04	3.15E-03	1.31E-04	5.28E-05	3.53E-03	1.84E-04	0.00E+00	1.75E-06	1.44E-06	1.87E-04	2.34E-04	3.15E-03	1.31E-04	5.28E-05	3.57E-03
2398	495661.06, 3860151.99	0.04988	0.10419	0.02068	0.01666	2.02E-04	3.11E-03	1.32E-04	5.26E-05	3.49E-03	1.83E-04	0.00E+00	1.76E-06	1.43E-06	1.87E-04	2.33E-04	3.11E-03	1.32E-04	5.26E-05	3.53E-03
2399	495718.25, 3859442.96	0.0552	0.08293	0.03307	0.02095	2.23E-04	2.47E-03	2.11E-04	6.61E-05	2.97E-03	2.03E-04	0.00E+00	2.81E-06	1.80E-06	2.08E-04	2.58E-04	2.47E-03	2.11E-04	6.61E-05	3.01E-03
2400	495818.25, 3859442.96	0.0544	0.08078	0.03275	0.02058	2.20E-04	2.41E-03	2.09E-04	6.50E-05	2.90E-03	2.00E-04	0.00E+00	2.79E-06	1.77E-06	2.05E-04	2.54E-04	2.41E-03	2.09E-04	6.50E-05	2.94E-03
2401	495918.25, 3859442.96	0.05385	0.07919	0.03249	0.02027	2.18E-04	2.36E-03	2.07E-04	6.40E-05	2.85E-03	1.98E-04	0.00E+00	2.76E-06	1.75E-06	2.02E-04	2.52E-04	2.36E-03	2.07E-04	6.40E-05	2.89E-03
2402	496018.25, 3859442.96	0.05339	0.07782	0.03228	0.01999	2.16E-04	2.32E-03	2.06E-04	6.31E-05	2.81E-03	1.96E-04	0.00E+00	2.75E-06	1.72E-06	2.01E-04	2.50E-04	2.32E-03	2.06E-04	6.31E-05	2.84E-03
2403	496118.25, 3859442.96	0.0537	0.07809	0.03234	0.0199	2.17E-04	2.33E-03	2.06E-04	6.28E-05	2.82E-03	1.97E-04	0.00E+00	2.75E-06	1.71E-06	2.02E-04	2.51E-04	2.33E-03	2.06E-04	6.28E-05	2.85E-03
2404	496218.25, 3859442.96	0.05388	0.07814	0.03235	0.01977	2.18E-04	2.33E-03	2.06E-04	6.24E-05	2.82E-03	1.98E-04	0.00E+00	2.75E-06	1.70E-06	2.03E-04	2.52E-04	2.33E-03	2.06E-04	6.24E-05	2.85E-03
2405	496318.25, 3859442.96	0.05351	0.07695	0.0322	0.01953	2.16E-04	2.30E-03	2.05E-04	6.17E-05	2.78E-03	1.97E-04	0.00E+00	2.74E-06	1.68E-06	2.01E-04	2.50E-04	2.30E-03	2.05E-04	6.17E-05	2.81E-03
2406	496418.25, 3859442.96	0.0531	0.0757	0.03204	0.01927	2.15E-04	2.26E-03	2.04E-04	6.08E-05	2.74E-03	1.95E-04	0.00E+00	2.72E-06	1.66E-06	2.00E-04	2.48E-04	2.26E-03	2.04E-04	6.08E-05	2.77E-03
2407	495718.25, 3859542.96	0.05522	0.08656	0.03191	0.0207	2.23E-04	2.58E-03	2.04E-04	6.54E-05	3.07E-03	2.03E-04	0.00E+00	2.71E-06	1.78E-06	2.08E-04	2.58E-04	2.58E-03	2.04E-04	6.54E-05	3.11E-03
2408	495818.25, 3859542.96	0.05466	0.0848	0.03168	0.02041	2.21E-04	2.53E-03	2.02E-04	6.44E-05	3.02E-03	2.01E-04	0.00E+00	2.69E-06	1.76E-06	2.05E-04	2.56E-04	2.53E-03	2.02E-04	6.44E-05	3.05E-03
2409	495918.25, 3859542.96	0.05398	0.08274	0.03143	0.02009	2.18E-04	2.47E-03	2.00E-04	6.34E-05	2.95E-03	1.98E-04	0.00E+00	2.67E-06	1.73E-06	2.03E-04	2.52E-04	2.47E-03	2.00E-04	6.34E-05	2.98E-03
2410	496018.25, 3859542.96	0.0534	0.081	0.03119	0.01979	2.16E-04	2.42E-03	1.99E-04	6.25E-05	2.89E-03	1.96E-04	0.00E+00	2.65E-06	1.70E-06	2.01E-04	2.50E-04	2.42E-03	1.99E-04	6.25E-05	2.93E-03
2411	496118.25, 3859542.96	0.05355	0.08122	0.03108	0.01968	2.16E-04	2.42E-03	1.98E-04	6.21E-05	2.90E-03	1.97E-04	0.00E+00	2.64E-06	1.69E-06	2.01E-04	2.50E-04	2.42E-03	1.98E-04	6.21E-05	2.93E-03
2412	496218.25, 3859542.96	0.05351	0.08093	0.03094	0.01951	2.16E-04	2.41E-03	1.97E-04	6.16E-05	2.89E-03	1.97E-04	0.00E+00	2.63E-06	1.68E-06	2.01E-04	2.50E-04	2.41E-03	1.97E-04	6.16E-05	2.92E-03
2413	496318.25, 3859542.96	0.05334	0.0803	0.03079	0.01932	2.16E-04	2.40E-03	1.96E-04	6.10E-05	2.87E-03	1.96E-04	0.00E+00	2.62E-06	1.66E-06	2.00E-04	2.49E-04	2.40E-03	1.96E-04	6.10E-05	2.90E-03
2414	496418.25, 3859542.96	0.05279	0.07856	0.03062	0.01905	2.13E-04	2.34E-03	1.95E-04	6.01E-05	2.81E-03	1.94E-04	0.00E+00	2.60E-06	1.64E-06	1.98E-04	2.47E-04	2.34E-03	1.95E-04	6.01E-05	2.85E-03
2415	495718.25, 3859642.96	0.05482	0.08966	0.03061	0.02027	2.22E-04	2.67E-03	1.95E-04	6.40E-05	3.16E-03	2.02E-04	0.00E+00	2.60E-06	1.75E-06	2.06E-04	2.56E-04	2.67E-03	1.95E-04	6.40E-05	3.19E-03

2416	495818.25, 3859642.96	0.05421	0.08754	0.03045	0.01999	2.19E-04	2.61E-03	1.94E-04	6.31E-05	3.09E-03	1.99E-04	0.00E+00	2.59E-06	1.72E-06	2.04E-04	2.54E-04	2.61E-03	1.94E-04	6.31E-05	3.12E-03
2417	495918.25, 3859642.96	0.05378	0.0861	0.03025	0.01975	2.17E-04	2.57E-03	1.93E-04	6.24E-05	3.04E-03	1.98E-04	0.00E+00	2.57E-06	1.70E-06	2.02E-04	2.52E-04	2.57E-03	1.93E-04	6.24E-05	3.08E-03
2418	496018.25, 3859642.96	0.05323	0.08427	0.03007	0.01948	2.15E-04	2.51E-03	1.92E-04	6.15E-05	2.98E-03	1.96E-04	0.00E+00	2.56E-06	1.68E-06	2.00E-04	2.49E-04	2.51E-03	1.92E-04	6.15E-05	3.02E-03
2419	496118.25, 3859642.96	0.05334	0.08475	0.0298	0.01936	2.16E-04	2.53E-03	1.90E-04	6.11E-05	3.00E-03	1.96E-04	0.00E+00	2.53E-06	1.67E-06	2.00E-04	2.49E-04	2.53E-03	1.90E-04	6.11E-05	3.03E-03
2420	496218.25, 3859642.96	0.05327	0.08464	0.02955	0.01919	2.15E-04	2.53E-03	1.88E-04	6.06E-05	2.99E-03	1.96E-04	0.00E+00	2.51E-06	1.65E-06	2.00E-04	2.49E-04	2.53E-03	1.88E-04	6.06E-05	3.02E-03
2421	496318.25, 3859642.96	0.05283	0.08313	0.02941	0.01896	2.14E-04	2.48E-03	1.88E-04	5.99E-05	2.94E-03	1.94E-04	0.00E+00	2.50E-06	1.63E-06	1.98E-04	2.47E-04	2.48E-03	1.88E-04	5.99E-05	2.97E-03
2422	496418.25, 3859642.96	0.05144	0.0785	0.02931	0.01853	2.08E-04	2.34E-03	1.87E-04	5.85E-05	2.80E-03	1.89E-04	0.00E+00	2.49E-06	1.60E-06	1.93E-04	2.41E-04	2.34E-03	1.87E-04	5.85E-05	2.83E-03
2423	495718.25, 3859742.96	0.05434	0.09367	0.0289	0.01973	2.20E-04	2.79E-03	1.84E-04	6.23E-05	3.26E-03	2.00E-04	0.00E+00	2.46E-06	1.70E-06	2.04E-04	2.54E-04	2.79E-03	1.84E-04	6.23E-05	3.30E-03
2424	495818.25, 3859742.96	0.05375	0.09109	0.02893	0.01949	2.17E-04	2.72E-03	1.85E-04	6.15E-05	3.18E-03	1.98E-04	0.00E+00	2.46E-06	1.68E-06	2.02E-04	2.51E-04	2.72E-03	1.85E-04	6.15E-05	3.21E-03
2425	495918.25, 3859742.96	0.05326	0.08918	0.02884	0.01926	2.15E-04	2.66E-03	1.84E-04	6.08E-05	3.12E-03	1.96E-04	0.00E+00	2.45E-06	1.66E-06	2.00E-04	2.49E-04	2.66E-03	1.84E-04	6.08E-05	3.15E-03
2426	496018.25, 3859742.96	0.05274	0.08718	0.02876	0.01902	2.13E-04	2.60E-03	1.83E-04	6.01E-05	3.06E-03	1.94E-04	0.00E+00	2.45E-06	1.64E-06	1.98E-04	2.47E-04	2.60E-03	1.83E-04	6.01E-05	3.09E-03
2427	496118.25, 3859742.96	0.05268	0.08734	0.02842	0.01886	2.13E-04	2.61E-03	1.81E-04	5.95E-05	3.06E-03	1.94E-04	0.00E+00	2.42E-06	1.62E-06	1.98E-04	2.46E-04	2.61E-03	1.81E-04	5.95E-05	3.09E-03
2428	496218.25, 3859742.96	0.05269	0.08792	0.02801	0.0187	2.13E-04	2.62E-03	1.79E-04	5.90E-05	3.07E-03	1.94E-04	0.00E+00	2.38E-06	1.61E-06	1.98E-04	2.46E-04	2.62E-03	1.79E-04	5.90E-05	3.11E-03
2429	496318.25, 3859742.96	0.0517	0.08369	0.02823	0.01842	2.09E-04	2.50E-03	1.80E-04	5.82E-05	2.94E-03	1.90E-04	0.00E+00	2.40E-06	1.59E-06	1.94E-04	2.42E-04	2.50E-03	1.80E-04	5.82E-05	2.98E-03
2430	496418.25, 3859742.96	0.05076	0.08001	0.0283	0.01818	2.05E-04	2.39E-03	1.81E-04	5.74E-05	2.83E-03	1.87E-04	0.00E+00	2.41E-06	1.57E-06	1.91E-04	2.37E-04	2.39E-03	1.81E-04	5.74E-05	2.86E-03
2431	495718.25, 3859842.96	0.0534	0.09684	0.02692	0.01903	2.16E-04	2.89E-03	1.72E-04	6.01E-05	3.34E-03	1.96E-04	0.00E+00	2.29E-06	1.64E-06	2.00E-04	2.50E-04	2.89E-03	1.72E-04	6.01E-05	3.37E-03
2432	495818.25, 3859842.96	0.05299	0.09473	0.02698	0.01884	2.14E-04	2.83E-03	1.72E-04	5.95E-05	3.27E-03	1.95E-04	0.00E+00	2.29E-06	1.62E-06	1.99E-04	2.48E-04	2.83E-03	1.72E-04	5.95E-05	3.31E-03
2433	495918.25, 3859842.96	0.05255	0.09261	0.02703	0.01865	2.12E-04	2.76E-03	1.72E-04	5.89E-05	3.21E-03	1.93E-04	0.00E+00	2.30E-06	1.61E-06	1.97E-04	2.46E-04	2.76E-03	1.72E-04	5.89E-05	3.24E-03
2434	496018.25, 3859842.96	0.05222	0.09129	0.02692	0.01846	2.11E-04	2.72E-03	1.72E-04	5.83E-05	3.16E-03	1.92E-04	0.00E+00	2.29E-06	1.59E-06	1.96E-04	2.44E-04	2.72E-03	1.72E-04	5.83E-05	3.20E-03
2435	496118.25, 3859842.96	0.05221	0.09211	0.02637	0.01827	2.11E-04	2.75E-03	1.68E-04	5.77E-05	3.18E-03	1.92E-04	0.00E+00	2.24E-06	1.57E-06	1.96E-04	2.44E-04	2.75E-03	1.68E-04	5.77E-05	3.22E-03
2436	496218.25, 3859842.96	0.05143	0.08795	0.02682	0.01809	2.08E-04	2.62E-03	1.71E-04	5.71E-05	3.06E-03	1.89E-04	0.00E+00	2.28E-06	1.56E-06	1.93E-04	2.41E-04	2.62E-03	1.71E-04	5.71E-05	3.09E-03
2437	496318.25, 3859842.96	0.04982	0.08071	0.02752	0.01773	2.01E-04	2.41E-03	1.76E-04	5.60E-05	2.84E-03	1.83E-04	0.00E+00	2.34E-06	1.53E-06	1.87E-04	2.33E-04	2.41E-03	1.76E-04	5.60E-05	2.87E-03
2438	496418.25, 3859842.96	0.0485	0.07623	0.02748	0.01734	1.96E-04	2.27E-03	1.75E-04	5.47E-05	2.70E-03	1.78E-04	0.00E+00	2.34E-06	1.49E-06	1.82E-04	2.27E-04	2.27E-03	1.75E-04	5.47E-05	2.73E-03
2439	495718.25, 3859942.96	0.0522	0.0993	0.02485	0.01826	2.11E-04	2.96E-03	1.59E-04	5.77E-05	3.39E-03	1.92E-04	0.00E+00	2.11E-06	1.57E-06	1.96E-04	2.44E-04	2.96E-03	1.59E-04	5.77E-05	3.42E-03
2440	495818.25, 3859942.96	0.05183	0.09698	0.02501	0.0181	2.10E-04	2.89E-03	1.60E-04	5.71E-05	3.32E-03	1.91E-04	0.00E+00	2.13E-06	1.56E-06	1.94E-04	2.42E-04	2.89E-03	1.60E-04	5.71E-05	3.35E-03
2441	495918.25, 3859942.96	0.05151	0.09532	0.02503	0.01793	2.08E-04	2.84E-03	1.60E-04	5.66E-05	3.27E-03	1.89E-04	0.00E+00	2.13E-06	1.54E-06	1.93E-04	2.41E-04	2.84E-03	1.60E-04	5.66E-05	3.30E-03
2442	496018.25, 3859942.96	0.05134	0.0952	0.02472	0.01773	2.08E-04	2.84E-03	1.58E-04	5.60E-05	3.26E-03	1.89E-04	0.00E+00	2.10E-06	1.53E-06	1.92E-04	2.40E-04	2.84E-03	1.58E-04	5.60E-05	3.29E-03
2443	496118.25, 3859942.96	0.05083	0.09181	0.02511	0.0176	2.05E-04	2.74E-03	1.60E-04	5.56E-05	3.16E-03	1.87E-04	0.00E+00	2.14E-06	1.52E-06	1.91E-04	2.38E-04	2.74E-03	1.60E-04	5.56E-05	3.19E-03
2444	496218.25, 3859942.96	0.05	0.08665	0.02585	0.01746	2.02E-04	2.59E-03	1.65E-04	5.51E-05	3.01E-03	1.84E-04	0.00E+00	2.20E-06	1.50E-06	1.88E-04	2.34E-04	2.59E-03	1.65E-04	5.51E-05	3.04E-03
2445	496318.25, 3859942.96	0.04898	0.08167	0.02642	0.01722	1.98E-04	2.44E-03	1.69E-04	5.44E-05	2.86E-03	1.80E-04	0.00E+00	2.25E-06	1.48E-06	1.84E-04	2.29E-04	2.44E-03	1.69E-04	5.44E-05	2.89E-03
2446	496418.25, 3859942.96	0.04735	0.07554	0.02672	0.01679	1.91E-04	2.25E-03	1.70E-04	5.30E-05	2.67E-03	1.74E-04	0.00E+00	2.27E-06	1.45E-06	1.78E-04	2.21E-04	2.25E-03	1.70E-04	5.30E-05	2.70E-03
2447	496856.82, 3858864.83	0.04885	0.05645	0.03413	0.01867	1.97E-04	1.68E-03	2.18E-04	5.89E-05	2.16E-03	1.80E-04	0.00E+00	2.90E-06	1.61E-06	1.84E-04	2.28E-04	1.68E-03	2.18E-04	5.89E-05	2.19E-03
2448	496956.82, 3858864.83	0.04824	0.05549	0.03355	0.01843	1.95E-04	1.66E-03	2.14E-04	5.82E-05	2.12E-03	1.77E-04	0.00E+00	2.85E-06	1.59E-06	1.82E-04	2.26E-04	1.66E-03	2.14E-04	5.82E-05	2.15E-03
2449	497056.82, 3858864.83	0.04766	0.05455	0.03303	0.01821	1.93E-04	1.63E-03	2.11E-04	5.75E-05	2.09E-03	1.75E-04	0.00E+00	2.81E-06	1.57E-06	1.80E-04	2.23E-04	1.63E-03	2.11E-04	5.75E-05	2.12E-03
2450	497156.82, 3858864.83	0.04688	0.05345	0.03244	0.01795	1.89E-04	1.59E-03	2.07E-04	5.67E-05	2.05E-03	1.72E-04	0.00E+00	2.76E-06	1.55E-06	1.77E-04	2.19E-04	1.59E-03	2.07E-04	5.67E-05	2.08E-03
2451	497256.82, 3858864.83	0.04675	0.05298	0.0322	0.01779	1.89E-04	1.58E-03	2.05E-04	5.62E-05	2.03E-03	1.72E-04	0.00E+00	2.74E-06	1.53E-06	1.76E-04	2.19E-04	1.58E-03	2.05E-04	5.62E-05	2.06E-03
2452	496856.82, 3858964.83	0.04964	0.05876	0.03426	0.01865	2.01E-04	1.75E-03	2.19E-04	5.89E-05	2.23E-03	1.83E-04	0.00E+00	2.91E-06	1.61E-06	1.87E-04	2.32E-04	1.75E-03	2.19E-04	5.89E-05	2.26E-03
2453	496956.82, 3858964.83	0.0487	0.05739	0.0336	0.01836	1.97E-04	1.71E-03	2.14E-04	5.80E-05	2.18E-03	1.79E-04	0.00E+00	2.86E-06	1.58E-06	1.83E-04	2.28E-04	1.71E-03	2.14E-04	5.80E-05	2.21E-03
2454	497056.82, 3858964.83	0.04803	0.05633	0.03311	0.01811	1.94E-04	1.68E-03	2.11E-04	5.72E-05	2.14E-03	1.77E-04	0.00E+00	2.82E-06	1.56E-06	1.81E-04	2.25E-04	1.68E-03	2.11E-04	5.72E-05	2.17E-03
2455	497156.82, 3858964.83	0.04734	0.05525	0.03262	0.01786	1.91E-04	1.65E-03	2.08E-04	5.64E-05	2.10E-03	1.74E-04	0.00E+00	2.77E-06	1.54E-06	1.78E-04	2.21E-04	1.65E-03	2.08E-04	5.64E-05	2.13E-03
2456	497256.82, 3858964.83	0.04787	0.05547	0.03274	0.0178	1.94E-04	1.65E-03	2.09E-04	5.62E-05	2.11E-03	1.76E-04	0.00E+00	2.78E-06	1.53E-06	1.80E-04	2.24E-04	1.65E-03	2.09E-04	5.62E-05	2.14E-03
2457	496856.82, 3859064.83	0.04966	0.06032	0.03399	0.01849	2.01E-04	1.80E-03	2.17E-04	5.84E-05	2.28E-03	1.83E-04	0.00E+00	2.89E-06	1.59E-06	1.87E-04	2.32E-04	1.80E-03	2.17E-04	5.84E-05	2.31E-03
2458	496956.82, 3859064.83	0.04894	0.05911	0.03346	0.01823	1.98E-04	1.76E-03	2.13E-04	5.76E-05	2.23E-03	1.80E-04	0.00E+00	2.85E-06	1.57E-06	1.84E-04	2.29E-04	1.76E-03	2.13E-04	5.76E-05	2.26E-03
2459	497056.82, 3859064.83	0.04838	0.05811	0.03303	0.018	1.96E-04	1.73E-03	2.11E-04	5.68E-05	2.20E-03	1.78E-04	0.00E+00	2.81E-06	1.55E-06	1.82E-04	2.26E-04	1.73E-03	2.11E-04	5.68E-05	2.23E-03
2460	497156.82, 3859064.83	0.04791	0.05723	0.03266	0.01778	1.94E-04	1.71E-03	2.08E-04	5.61E-05	2.17E-03	1.76E-04	0.00E+00	2.78E-06	1.53E-06	1.80E-04	2.24E-04	1.71E-03	2.08E-04	5.61E-05	2.20E-03
2461	497256.82, 3859064.83	0.04883	0.05793	0.03314	0.01778	1.97E-04	1.73E-03	2.11E-04	5.61E-05	2.19E-03	1.80E-04	0.00E+00	2.82E-06	1.53E-06	1.84E-04	2.28E-04	1.73E-03	2.11E-04	5.61E-05	2.22E-03
2462	496856.82, 3859164.83	0.04913	0.06122	0.03313	0.01823	1.99E-04	1.83E-03	2.11E-04	5.76E-05	2.29E-03	1.81E-04	0.00E+00	2.82E-06	1.57E-06	1.85E-04	2.30E-04	1.83E-03	2.11E-04	5.76E-05	2.33E-03
2463	496956.82, 3859164.83	0.04836	0.05989	0.03262	0.01795	1.95E-04	1.79E-03	2.08E-04	5.67E-05	2.25E-03	1.78E-04	0.00E+00	2.77E-06	1.55E-06	1.82E-04	2.26E-04	1.79E-03	2.08E-04	5.67E-05	2.28E-03
2464	497056.82, 3859164.83	0.04814	0.05924	0.03245	0.01777	1.95E-04	1.77E-03	2.07E-04	5.61E-05	2.23E-03	1.77E-04	0.00E+00	2.76E-06	1.53E-06	1.81E-04	2.25E-04	1.77E-03	2.07E-04	5.61E-05	2.26E-03
2465	497156.82, 3859164.83	0.04852	0.05934	0.03266	0.01769	1.96E-04	1.77E-03	2.08E-04	5.59E-05	2.23E-03	1.78E-04	0.00E+00	2.78E-06	1.52E-06	1.83E-04	2.27E-04	1.77E-03	2.08E-04	5.59E-05	2.26E-03
2466	497256.82, 3859164.83	0.04961	0.06039	0.03336	0.01774	2.01E-04	1.80E-03	2.13E-04	5.60E-05	2.27E-03	1.82E-04	0.00E+00	2.84E-06	1.53E-06	1.87E-04	2.32E-04	1.80E-03	2.13E-04	5.60E-05	2.30E-03
2467	496856.82, 3859264.83	0.04821	0.06164	0.03177	0.01788	1.95E-04	1.84E-03	2.03E-04	5.65E-05	2.29E-03	1.77E-04	0.00E+00	2.70E-06	1.54E-06	1.81E-04	2.25E-04	1.84E-03	2.03E-04	5.65E-05	2.32E-03
2468	496956.82, 3859264.83	0.04821	0.06123	0.03178	0.01773	1.95E-04	1.83E-03	2.03E-04	5.60E-05	2.28E-03	1.77E-04	0.00E+00	2.70E-06	1.53E-06	1.81E-04	2.25E-04	1.83E-03	2.03E-04	5.60E-05	2.31E-03
2469	497056.82, 3859264.83	0.04865	0.06141	0.03206	0.01766	1.97E-04	1.83E-03	2.04E-04	5.58E-05	2.29E-03	1.79E-04	0.00E+00	2.73E-06	1.52E-06	1.83E-04	2.28E-04	1.83E-03	2.04E-04	5.58E-05	2.32E-03
2470	497156.82, 3859264.83	0.04897	0.06149	0.03229	0.01758	1.98E-04	1.83E-03	2.06E-04	5.55E-05	2.29E-03	1.80E-04	0.00E+00	2.75E-06	1.51E-06	1.84E-04	2.29E-04	1.83E-03	2.06E-04	5.55E-05	2.32E-03
2471	497256.82, 3859264.83	0.04979	0.06234	0.03282	0.0176	2.01E-04	1.86E-03	2.09E-04	5.56E-05	2.33E-03	1.83E-04	0.00E+00	2.79E-06	1.52E-06	1.87E-04	2.33E-04	1.86E-03	2.09E-04	5.56E-05	2.36E-03
2472	497088.92, 3858620.93	0.0455	0.04917	0.03291	0.01829	1.84E-04	1.47E-03	2.10E-04	5.77E-05	1.92E-03	1.67E-04	0.00E+00	2.80E-06	1.57E-06	1.72E-04	2.13E-04	1.47E-03	2.10E-04	5.77E-05	1.95E-03
2473	497138.92, 3858620.93	0.04549	0.04902	0.0328	0.01822	1.84E-04	1.46E-03	2.09E-04	5.75E-05	1.91E-03	1.67E-04	0.00E+00	2.79E-06	1.57E-06	1.72E-04	2.13E-04	1.46E-03	2.09E-04	5.75E-05	1.94E-03
2474	497188.92, 3858620.93	0.04499	0.04856	0.03246	0.01807	1.82E-04	1.45E-03	2.07E-04	5.71E-05	1.89E-03	1.65E-04	0.00E+00	2.76E-06	1.56E-06	1.70E-04	2.10E-04	1.45E-03	2.07E-04	5.71E-05	1.92E-03

2475	497238.92, 3858620.93	0.04481	0.04826	0.03229	0.01798	1.81E-04	1.44E-03	2.06E-04	5.68E-05	1.88E-03	1.65E-04	0.00E+00	2.75E-06	1.55E-06	1.69E-04	2.10E-04	1.44E-03	2.06E-04	5.68E-05	1.91E-03
2476	497088.92, 3858670.93	0.04521	0.04966	0.03234	0.01816	1.83E-04	1.48E-03	2.06E-04	5.73E-05	1.93E-03	1.66E-04	0.00E+00	2.75E-06	1.56E-06	1.71E-04	2.11E-04	1.48E-03	2.06E-04	5.73E-05	1.96E-03
2477	497138.92, 3858670.93	0.04546	0.04974	0.03233	0.01812	1.84E-04	1.48E-03	2.06E-04	5.72E-05	1.93E-03	1.67E-04	0.00E+00	2.75E-06	1.56E-06	1.71E-04	2.13E-04	1.48E-03	2.06E-04	5.72E-05	1.96E-03
2478	497188.92, 3858670.93	0.0451	0.04928	0.03211	0.01801	1.82E-04	1.47E-03	2.05E-04	5.69E-05	1.91E-03	1.66E-04	0.00E+00	2.73E-06	1.55E-06	1.70E-04	2.11E-04	1.47E-03	2.05E-04	5.69E-05	1.94E-03
2479	497238.92, 3858670.93	0.04508	0.0491	0.032	0.01794	1.82E-04	1.46E-03	2.04E-04	5.66E-05	1.91E-03	1.66E-04	0.00E+00	2.72E-06	1.54E-06	1.70E-04	2.11E-04	1.46E-03	2.04E-04	5.66E-05	1.94E-03
2480	497088.92, 3858720.93	0.04616	0.05108	0.03251	0.01819	1.87E-04	1.52E-03	2.07E-04	5.74E-05	1.98E-03	1.70E-04	0.00E+00	2.76E-06	1.57E-06	1.74E-04	2.16E-04	1.52E-03	2.07E-04	5.74E-05	2.00E-03
2481	497138.92, 3858720.93	0.045	0.04998	0.03185	0.01799	1.82E-04	1.49E-03	2.03E-04	5.68E-05	1.93E-03	1.65E-04	0.00E+00	2.71E-06	1.55E-06	1.70E-04	2.10E-04	1.49E-03	2.03E-04	5.68E-05	1.96E-03
2482	497188.92, 3858720.93	0.04481	0.04964	0.03167	0.0179	1.81E-04	1.48E-03	2.02E-04	5.65E-05	1.92E-03	1.65E-04	0.00E+00	2.69E-06	1.54E-06	1.69E-04	2.10E-04	1.48E-03	2.02E-04	5.65E-05	1.95E-03
2483	497238.92, 3858720.93	0.04553	0.05005	0.03196	0.0179	1.84E-04	1.49E-03	2.04E-04	5.65E-05	1.94E-03	1.67E-04	0.00E+00	2.72E-06	1.54E-06	1.72E-04	2.13E-04	1.49E-03	2.04E-04	5.65E-05	1.97E-03
2484	497088.92, 3858770.93	0.04625	0.05183	0.03231	0.01811	1.87E-04	1.55E-03	2.06E-04	5.72E-05	2.00E-03	1.70E-04	0.00E+00	2.75E-06	1.56E-06	1.74E-04	2.16E-04	1.55E-03	2.06E-04	5.72E-05	2.03E-03
2485	497138.92, 3858770.93	0.04584	0.05128	0.03205	0.01799	1.85E-04	1.53E-03	2.04E-04	5.68E-05	1.98E-03	1.69E-04	0.00E+00	2.73E-06	1.55E-06	1.73E-04	2.14E-04	1.53E-03	2.04E-04	5.68E-05	2.01E-03
2486	497188.92, 3858770.93	0.04571	0.05088	0.03201	0.01793	1.85E-04	1.52E-03	2.04E-04	5.66E-05	1.96E-03	1.68E-04	0.00E+00	2.72E-06	1.54E-06	1.72E-04	2.14E-04	1.52E-03	2.04E-04	5.66E-05	1.99E-03
2487	497238.92, 3858770.93	0.04591	0.05102	0.03189	0.01786	1.86E-04	1.52E-03	2.03E-04	5.64E-05	1.97E-03	1.69E-04	0.00E+00	2.71E-06	1.54E-06	1.73E-04	2.15E-04	1.52E-03	2.03E-04	5.64E-05	2.00E-03
2488	497396.65, 3858622.63	0.04687	0.04955	0.03281	0.018	1.89E-04	1.48E-03	2.09E-04	5.68E-05	1.93E-03	1.72E-04	0.00E+00	2.79E-06	1.55E-06	1.77E-04	2.19E-04	1.48E-03	2.09E-04	5.68E-05	1.96E-03
2489	497496.65, 3858622.63	0.04795	0.05024	0.03301	0.01802	1.94E-04	1.50E-03	2.11E-04	5.69E-05	1.96E-03	1.76E-04	0.00E+00	2.81E-06	1.55E-06	1.81E-04	2.24E-04	1.50E-03	2.11E-04	5.69E-05	1.99E-03
2490	497596.65, 3858622.63	0.05	0.05174	0.03423	0.01819	2.02E-04	1.54E-03	2.18E-04	5.74E-05	2.02E-03	1.84E-04	0.00E+00	2.91E-06	1.57E-06	1.88E-04	2.34E-04	1.54E-03	2.18E-04	5.74E-05	2.05E-03
2491	497696.65, 3858622.63	0.05046	0.05209	0.03414	0.01812	2.04E-04	1.55E-03	2.18E-04	5.72E-05	2.03E-03	1.86E-04	0.00E+00	2.90E-06	1.56E-06	1.90E-04	2.36E-04	1.55E-03	2.18E-04	5.72E-05	2.06E-03
2492	497796.65, 3858622.63	0.05162	0.05302	0.03438	0.01818	2.09E-04	1.58E-03	2.19E-04	5.74E-05	2.07E-03	1.90E-04	0.00E+00	2.92E-06	1.57E-06	1.94E-04	2.41E-04	1.58E-03	2.19E-04	5.74E-05	2.10E-03
2493	497896.65, 3858622.63	0.05275	0.05403	0.03472	0.01823	2.13E-04	1.61E-03	2.21E-04	5.76E-05	2.10E-03	1.94E-04	0.00E+00	2.95E-06	1.57E-06	1.98E-04	2.47E-04	1.61E-03	2.21E-04	5.76E-05	2.14E-03
2494	497396.65, 3858722.63	0.04783	0.05169	0.03274	0.01798	1.93E-04	1.54E-03	2.09E-04	5.68E-05	2.00E-03	1.76E-04	0.00E+00	2.78E-06	1.55E-06	1.80E-04	2.24E-04	1.54E-03	2.09E-04	5.68E-05	2.03E-03
2495	497496.65, 3858722.63	0.04891	0.05243	0.03329	0.01799	1.98E-04	1.56E-03	2.12E-04	5.68E-05	2.03E-03	1.80E-04	0.00E+00	2.83E-06	1.55E-06	1.84E-04	2.29E-04	1.56E-03	2.12E-04	5.68E-05	2.06E-03
2496	497596.65, 3858722.63	0.05071	0.05393	0.03396	0.01814	2.05E-04	1.61E-03	2.17E-04	5.73E-05	2.09E-03	1.86E-04	0.00E+00	2.89E-06	1.56E-06	1.91E-04	2.37E-04	1.61E-03	2.17E-04	5.73E-05	2.12E-03
2497	497696.65, 3858722.63	0.05169	0.05473	0.03425	0.01816	2.09E-04	1.63E-03	2.18E-04	5.73E-05	2.12E-03	1.90E-04	0.00E+00	2.91E-06	1.56E-06	1.95E-04	2.42E-04	1.63E-03	2.18E-04	5.73E-05	2.15E-03
2498	497796.65, 3858722.63	0.05219	0.05504	0.03435	0.01811	2.11E-04	1.64E-03	2.19E-04	5.72E-05	2.13E-03	1.92E-04	0.00E+00	2.92E-06	1.56E-06	1.96E-04	2.44E-04	1.64E-03	2.19E-04	5.72E-05	2.16E-03
2499	497896.65, 3858722.63	0.05293	0.05569	0.03463	0.01812	2.14E-04	1.66E-03	2.21E-04	5.72E-05	2.15E-03	1.95E-04	0.00E+00	2.95E-06	1.56E-06	1.99E-04	2.48E-04	1.66E-03	2.21E-04	5.72E-05	2.19E-03
2500	497396.65, 3858822.63	0.04819	0.05339	0.03296	0.01788	1.95E-04	1.59E-03	2.10E-04	5.65E-05	2.05E-03	1.77E-04	0.00E+00	2.80E-06	1.54E-06	1.82E-04	2.25E-04	1.59E-03	2.10E-04	5.65E-05	2.08E-03
2501	497496.65, 3858822.63	0.0491	0.05401	0.03319	0.01788	1.98E-04	1.61E-03	2.12E-04	5.65E-05	2.08E-03	1.81E-04	0.00E+00	2.82E-06	1.54E-06	1.85E-04	2.30E-04	1.61E-03	2.12E-04	5.65E-05	2.11E-03
2502	497596.65, 3858822.63	0.05129	0.05591	0.03442	0.01811	2.07E-04	1.67E-03	2.20E-04	5.72E-05	2.15E-03	1.89E-04	0.00E+00	2.93E-06	1.56E-06	1.93E-04	2.40E-04	1.67E-03	2.20E-04	5.72E-05	2.18E-03
2503	497696.65, 3858822.63	0.05182	0.05643	0.03432	0.01804	2.09E-04	1.68E-03	2.19E-04	5.70E-05	2.17E-03	1.91E-04	0.00E+00	2.92E-06	1.55E-06	1.95E-04	2.42E-04	1.68E-03	2.19E-04	5.70E-05	2.20E-03
2504	497796.65, 3858822.63	0.0524	0.05672	0.03475	0.01804	2.12E-04	1.69E-03	2.22E-04	5.70E-05	2.18E-03	1.93E-04	0.00E+00	2.96E-06	1.55E-06	1.97E-04	2.45E-04	1.69E-03	2.22E-04	5.70E-05	2.22E-03
2505	497896.65, 3858822.63	0.05353	0.05807	0.03516	0.01808	2.16E-04	1.73E-03	2.24E-04	5.71E-05	2.23E-03	1.97E-04	0.00E+00	2.99E-06	1.56E-06	2.01E-04	2.50E-04	1.73E-03	2.24E-04	5.71E-05	2.26E-03
2506	497396.65, 3858922.63	0.04858	0.05519	0.03297	0.01779	1.96E-04	1.65E-03	2.10E-04	5.62E-05	2.11E-03	1.79E-04	0.00E+00	2.80E-06	1.53E-06	1.83E-04	2.27E-04	1.65E-03	2.10E-04	5.62E-05	2.14E-03
2507	497496.65, 3858922.63	0.0503	0.0568	0.03382	0.01791	2.03E-04	1.69E-03	2.16E-04	5.65E-05	2.17E-03	1.85E-04	0.00E+00	2.88E-06	1.54E-06	1.89E-04	2.35E-04	1.69E-03	2.16E-04	5.65E-05	2.20E-03
2508	497596.65, 3858922.63	0.0503	0.05653	0.03369	0.01779	2.03E-04	1.69E-03	2.15E-04	5.62E-05	2.16E-03	1.85E-04	0.00E+00	2.87E-06	1.53E-06	1.89E-04	2.35E-04	1.69E-03	2.15E-04	5.62E-05	2.19E-03
2509	497696.65, 3858922.63	0.05228	0.0585	0.03517	0.01801	2.11E-04	1.75E-03	2.24E-04	5.69E-05	2.24E-03	1.92E-04	0.00E+00	2.99E-06	1.55E-06	1.97E-04	2.44E-04	1.75E-03	2.24E-04	5.69E-05	2.27E-03
2510	497796.65, 3858922.63	0.05304	0.05947	0.03529	0.01799	2.14E-04	1.77E-03	2.25E-04	5.68E-05	2.27E-03	1.95E-04	0.00E+00	3.00E-06	1.55E-06	2.00E-04	2.48E-04	1.77E-03	2.25E-04	5.68E-05	2.30E-03
2511	497896.65, 3858922.63	0.05453	0.06136	0.03654	0.01818	2.20E-04	1.83E-03	2.33E-04	5.74E-05	2.34E-03	2.00E-04	0.00E+00	3.11E-06	1.57E-06	2.05E-04	2.55E-04	1.83E-03	2.33E-04	5.74E-05	2.38E-03
2512	497364.44, 3858201.52	0.04476	0.04357	0.0361	0.01832	1.81E-04	1.30E-03	2.30E-04	5.78E-05	1.77E-03	1.65E-04	0.00E+00	3.07E-06	1.58E-06	1.69E-04	2.09E-04	1.30E-03	2.30E-04	5.78E-05	1.80E-03
2513	497414.44, 3858201.52	0.0455	0.04396	0.03622	0.01834	1.84E-04	1.31E-03	2.31E-04	5.79E-05	1.78E-03	1.67E-04	0.00E+00	3.08E-06	1.58E-06	1.72E-04	2.13E-04	1.31E-03	2.31E-04	5.79E-05	1.81E-03
2514	497464.44, 3858201.52	0.04595	0.04423	0.03624	0.01833	1.86E-04	1.32E-03	2.31E-04	5.79E-05	1.79E-03	1.69E-04	0.00E+00	3.08E-06	1.58E-06	1.74E-04	2.15E-04	1.32E-03	2.31E-04	5.79E-05	1.82E-03
2515	497514.44, 3858201.52	0.04594	0.04424	0.03606	0.01827	1.86E-04	1.32E-03	2.30E-04	5.77E-05	1.79E-03	1.69E-04	0.00E+00	3.07E-06	1.57E-06	1.74E-04	2.15E-04	1.32E-03	2.30E-04	5.77E-05	1.82E-03
2516	497564.44, 3858201.52	0.04576	0.04404	0.03589	0.0182	1.85E-04	1.31E-03	2.29E-04	5.75E-05	1.79E-03	1.68E-04	0.00E+00	3.05E-06	1.57E-06	1.73E-04	2.14E-04	1.31E-03	2.29E-04	5.75E-05	1.81E-03
2517	497614.44, 3858201.52	0.04587	0.04407	0.0358	0.01816	1.85E-04	1.31E-03	2.28E-04	5.73E-05	1.79E-03	1.69E-04	0.00E+00	3.04E-06	1.56E-06	1.73E-04	2.15E-04	1.31E-03	2.28E-04	5.73E-05	1.81E-03
2518	497364.44, 3858251.52	0.04557	0.04465	0.03578	0.01835	1.84E-04	1.33E-03	2.28E-04	5.79E-05	1.80E-03	1.68E-04	0.00E+00	3.04E-06	1.58E-06	1.72E-04	2.13E-04	1.33E-03	2.28E-04	5.79E-05	1.83E-03
2519	497414.44, 3858251.52	0.04626	0.04512	0.03586	0.01839	1.87E-04	1.35E-03	2.29E-04	5.81E-05	1.82E-03	1.70E-04	0.00E+00	3.05E-06	1.58E-06	1.75E-04	2.16E-04	1.35E-03	2.29E-04	5.81E-05	1.85E-03
2520	497464.44, 3858251.52	0.04589	0.04475	0.03563	0.01828	1.85E-04	1.34E-03	2.27E-04	5.77E-05	1.81E-03	1.69E-04	0.00E+00	3.03E-06	1.57E-06	1.73E-04	2.15E-04	1.34E-03	2.27E-04	5.77E-05	1.83E-03
2521	497514.44, 3858251.52	0.04541	0.04429	0.03537	0.01817	1.84E-04	1.32E-03	2.26E-04	5.74E-05	1.79E-03	1.67E-04	0.00E+00	3.01E-06	1.56E-06	1.72E-04	2.12E-04	1.32E-03	2.26E-04	5.74E-05	1.82E-03
2522	497564.44, 3858251.52	0.04528	0.04411	0.03521	0.0181	1.83E-04	1.32E-03	2.25E-04	5.71E-05	1.78E-03	1.66E-04	0.00E+00	2.99E-06	1.56E-06	1.71E-04	2.12E-04	1.32E-03	2.25E-04	5.71E-05	1.81E-03
2523	497614.44, 3858251.52	0.04515	0.04394	0.03505	0.01804	1.83E-04	1.31E-03	2.24E-04	5.70E-05	1.77E-03	1.66E-04	0.00E+00	2.98E-06	1.55E-06	1.71E-04	2.11E-04	1.31E-03	2.24E-04	5.70E-05	1.80E-03
2524	497364.44, 3858301.52	0.04573	0.04521	0.03533	0.01836	1.85E-04	1.35E-03	2.25E-04	5.80E-05	1.82E-03	1.68E-04	0.00E+00	3.00E-06	1.58E-06	1.73E-04	2.14E-04	1.35E-03	2.25E-04	5.80E-05	1.85E-03
2525	497414.44, 3858301.52	0.04613	0.0455	0.03533	0.01833	1.86E-04	1.36E-03	2.25E-04	5.79E-05	1.83E-03	1.70E-04	0.00E+00	3.00E-06	1.58E-06	1.74E-04	2.16E-04	1.36E-03	2.25E-04	5.79E-05	1.86E-03
2526	497464.44, 3858301.52	0.04564	0.04503	0.03502	0.01821	1.84E-04	1.34E-03	2.23E-04	5.75E-05	1.81E-03	1.68E-04	0.00E+00	2.98E-06	1.57E-06	1.72E-04	2.13E-04	1.34E-03	2.23E-04	5.75E-05	1.84E-03
2527	497514.44, 3858301.52	0.04532	0.0447	0.03481	0.01812	1.83E-04	1.33E-03	2.22E-04	5.72E-05	1.80E-03	1.67E-04	0.00E+00	2.96E-06	1.56E-06	1.71E-04	2.12E-04	1.33E-03	2.22E-04	5.72E-05	1.82E-03
2528	497564.44, 3858301.52	0.04481	0.0442	0.03454	0.018	1.81E-04	1.32E-03	2.20E-04	5.68E-05	1.78E-03	1.65E-04	0.00E+00	2.94E-06	1.55E-06	1.69E-04	2.10E-04	1.32E-03	2.20E-04	5.68E-05	1.81E-03
2529	497614.44, 3858301.52	0.04466	0.044	0.03438	0.01793	1.81E-04	1.31E-03	2.19E-04	5.66E-05	1.77E-03	1.64E-04	0.00E+00	2.92E-06	1.54E-06	1.69E-04	2.09E-04	1.31E-03	2.19E-04	5.66E-05	1.80E-03
2530	497364.44, 3858351.52	0.04595	0.04594	0.0349	0.01832	1.86E-04	1.37E-03	2.23E-04	5.78E-05	1.84E-03	1.69E-04	0.00E+00	2.97E-06	1.58E-06	1.73E-04	2.15E-04	1.37E-03	2.23E-04	5.78E-05	1.87E-03
2531	497414.44, 3858351.52	0.04565	0.04561	0.03466	0.01823	1.85E-04	1.36E-03	2.21E-04	5.76E-05	1.82E-03	1.68E-04	0.00E+00	2.95E-06	1.57E-06	1.72E-04	2.13E-04	1.36E-03	2.21E-04	5.76E-05	1.85E-03
2532	497464.44, 3858351.52	0.04555	0.04544	0.03453	0.01816	1.84E-04	1.36E-03	2.20E-04	5.73E-05	1.82E-03	1.67E-04	0.00E+00	2.94E-06	1.56E-06	1.72E-04	2.13E-04	1.36E-03	2.20E-04	5.73E-05	1.85E-03
2533	497514.44, 3858351.52	0.0453	0.04516	0.03431	0.01807	1.83E-04	1.35E-03	2.19E-04	5.71E-05	1.81E-03	1.67E-04	0.00E+00	2.92E-06	1.56E-06	1.71E-04	2.12E-04	1.35E-03	2.19E-04	5.71E-05	1.84E-03

2534	497564.44, 3858351.52	0.04467	0.04457	0.03398	0.01793	1.81E-04	1.33E-03	2.17E-04	5.66E-05	1.78E-03	1.64E-04	0.00E+00	2.89E-06	1.54E-06	1.69E-04	2.09E-04	1.33E-03	2.17E-04	5.66E-05	1.81E-03
2535	497614.44, 3858351.52	0.04454	0.04438	0.03383	0.01786	1.80E-04	1.32E-03	2.16E-04	5.64E-05	1.78E-03	1.64E-04	0.00E+00	2.88E-06	1.54E-06	1.68E-04	2.08E-04	1.32E-03	2.16E-04	5.64E-05	1.80E-03
2536	497364.44, 3858401.52	0.04561	0.04609	0.0344	0.01825	1.84E-04	1.38E-03	2.19E-04	5.76E-05	1.84E-03	1.68E-04	0.00E+00	2.93E-06	1.57E-06	1.72E-04	2.13E-04	1.38E-03	2.19E-04	5.76E-05	1.87E-03
2537	497414.44, 3858401.52	0.04541	0.04592	0.03411	0.01814	1.84E-04	1.37E-03	2.18E-04	5.73E-05	1.83E-03	1.67E-04	0.00E+00	2.90E-06	1.56E-06	1.71E-04	2.12E-04	1.37E-03	2.18E-04	5.73E-05	1.86E-03
2538	497464.44, 3858401.52	0.04508	0.04556	0.03389	0.01804	1.82E-04	1.36E-03	2.16E-04	5.70E-05	1.81E-03	1.66E-04	0.00E+00	2.88E-06	1.55E-06	1.70E-04	2.11E-04	1.36E-03	2.16E-04	5.70E-05	1.84E-03
2539	497514.44, 3858401.52	0.04491	0.04534	0.03371	0.01797	1.82E-04	1.35E-03	2.15E-04	5.67E-05	1.81E-03	1.65E-04	0.00E+00	2.87E-06	1.55E-06	1.70E-04	2.10E-04	1.35E-03	2.15E-04	5.67E-05	1.83E-03
2540	497564.44, 3858401.52	0.04542	0.04563	0.03385	0.01797	1.84E-04	1.36E-03	2.16E-04	5.67E-05	1.82E-03	1.67E-04	0.00E+00	2.88E-06	1.55E-06	1.71E-04	2.12E-04	1.36E-03	2.16E-04	5.67E-05	1.85E-03
2541	497614.44, 3858401.52	0.04608	0.04597	0.03401	0.01799	1.86E-04	1.37E-03	2.17E-04	5.68E-05	1.83E-03	1.69E-04	0.00E+00	2.89E-06	1.55E-06	1.74E-04	2.15E-04	1.37E-03	2.17E-04	5.68E-05	1.86E-03
2542	493478.11, 3860497.94	0.04769	0.1554	0.01446	0.0176	1.93E-04	4.64E-03	9.22E-05	5.56E-05	4.98E-03	1.75E-04	0.00E+00	1.23E-06	1.52E-06	1.78E-04	2.23E-04	4.64E-03	9.22E-05	5.56E-05	5.01E-03
2543	493528.11, 3860497.94	0.04782	0.15386	0.01453	0.01752	1.93E-04	4.59E-03	9.27E-05	5.53E-05	4.93E-03	1.76E-04	0.00E+00	1.24E-06	1.51E-06	1.79E-04	2.24E-04	4.59E-03	9.27E-05	5.53E-05	4.96E-03
2544	493478.11, 3860547.94	0.04633	0.15279	0.01386	0.01712	1.87E-04	4.56E-03	8.84E-05	5.41E-05	4.89E-03	1.70E-04	0.00E+00	1.18E-06	1.47E-06	1.73E-04	2.17E-04	4.56E-03	8.84E-05	5.41E-05	4.92E-03
2545	493528.11, 3860547.94	0.04646	0.15142	0.0139	0.01705	1.88E-04	4.52E-03	8.87E-05	5.38E-05	4.85E-03	1.71E-04	0.00E+00	1.18E-06	1.47E-06	1.73E-04	2.17E-04	4.52E-03	8.87E-05	5.38E-05	4.88E-03
2546	493478.11, 3860597.94	0.04501	0.15017	0.01333	0.01663	1.82E-04	4.48E-03	8.50E-05	5.25E-05	4.80E-03	1.65E-04	0.00E+00	1.13E-06	1.43E-06	1.68E-04	2.10E-04	4.48E-03	8.50E-05	5.25E-05	4.83E-03
2547	493528.11, 3860597.94	0.04515	0.14872	0.01336	0.01658	1.83E-04	4.44E-03	8.52E-05	5.23E-05	4.76E-03	1.66E-04	0.00E+00	1.14E-06	1.43E-06	1.69E-04	2.11E-04	4.44E-03	8.52E-05	5.23E-05	4.79E-03
2548	493561.88, 3860524.64	0.0472	0.15149	0.01424	0.01722	1.91E-04	4.52E-03	9.08E-05	5.44E-05	4.86E-03	1.74E-04	0.00E+00	1.21E-06	1.48E-06	1.76E-04	2.21E-04	4.52E-03	9.08E-05	5.44E-05	4.89E-03
2549	493591.88, 3860524.64	0.04731	0.15054	0.01432	0.01715	1.91E-04	4.49E-03	9.13E-05	5.41E-05	4.83E-03	1.74E-04	0.00E+00	1.22E-06	1.48E-06	1.77E-04	2.21E-04	4.49E-03	9.13E-05	5.41E-05	4.86E-03
2550	493561.88, 3860554.64	0.04638	0.15005	0.01387	0.01694	1.87E-04	4.48E-03	8.85E-05	5.35E-05	4.81E-03	1.71E-04	0.00E+00	1.18E-06	1.46E-06	1.73E-04	2.17E-04	4.48E-03	8.85E-05	5.35E-05	4.84E-03
2551	493591.88, 3860554.64	0.04654	0.14902	0.01396	0.01687	1.88E-04	4.45E-03	8.90E-05	5.33E-05	4.78E-03	1.71E-04	0.00E+00	1.19E-06	1.45E-06	1.74E-04	2.18E-04	4.45E-03	8.90E-05	5.33E-05	4.81E-03
2552	492880.5, 3860293.11	0.05091	0.19104	0.01568	0.02159	2.06E-04	5.70E-03	1.00E-04	6.82E-05	6.07E-03	1.87E-04	0.00E+00	1.33E-06	1.86E-06	1.90E-04	2.38E-04	5.70E-03	1.00E-04	6.82E-05	6.11E-03
2553	492930.5, 3860293.11	0.05124	0.18849	0.01586	0.02138	2.07E-04	5.62E-03	1.01E-04	6.75E-05	6.00E-03	1.88E-04	0.00E+00	1.35E-06	1.84E-06	1.92E-04	2.40E-04	5.62E-03	1.01E-04	6.75E-05	6.03E-03
2554	492980.5, 3860293.11	0.05157	0.18591	0.01607	0.02117	2.08E-04	5.55E-03	1.03E-04	6.68E-05	5.92E-03	1.90E-04	0.00E+00	1.37E-06	1.82E-06	1.93E-04	2.41E-04	5.55E-03	1.03E-04	6.68E-05	5.96E-03
2555	493030.5, 3860293.11	0.05212	0.18217	0.01626	0.0209	2.11E-04	5.43E-03	1.04E-04	6.60E-05	5.82E-03	1.92E-04	0.00E+00	1.38E-06	1.80E-06	1.95E-04	2.44E-04	5.43E-03	1.04E-04	6.60E-05	5.85E-03
2556	493080.5, 3860293.11	0.05264	0.17729	0.01603	0.02069	2.13E-04	5.29E-03	1.02E-04	6.53E-05	5.67E-03	1.94E-04	0.00E+00	1.36E-06	1.78E-06	1.97E-04	2.46E-04	5.29E-03	1.02E-04	6.53E-05	5.70E-03
2557	493130.5, 3860293.11	0.05262	0.17712	0.01633	0.02057	2.13E-04	5.28E-03	1.04E-04	6.49E-05	5.67E-03	1.93E-04	0.00E+00	1.39E-06	1.77E-06	1.97E-04	2.46E-04	5.28E-03	1.04E-04	6.49E-05	5.70E-03
2558	493180.5, 3860293.11	0.0526	0.17623	0.01663	0.02047	2.13E-04	5.26E-03	1.06E-04	6.46E-05	5.64E-03	1.93E-04	0.00E+00	1.41E-06	1.76E-06	1.97E-04	2.46E-04	5.26E-03	1.06E-04	6.46E-05	5.67E-03
2559	493230.5, 3860293.11	0.05271	0.17439	0.01677	0.02034	2.13E-04	5.20E-03	1.07E-04	6.42E-05	5.59E-03	1.94E-04	0.00E+00	1.43E-06	1.75E-06	1.97E-04	2.47E-04	5.20E-03	1.07E-04	6.42E-05	5.62E-03
2560	493280.5, 3860293.11	0.05299	0.17153	0.01671	0.02017	2.14E-04	5.12E-03	1.07E-04	6.37E-05	5.50E-03	1.95E-04	0.00E+00	1.42E-06	1.74E-06	1.98E-04	2.48E-04	5.12E-03	1.07E-04	6.37E-05	5.54E-03
2561	493330.5, 3860293.11	0.05317	0.16917	0.01675	0.02002	2.15E-04	5.05E-03	1.07E-04	6.32E-05	5.43E-03	1.95E-04	0.00E+00	1.42E-06	1.72E-06	1.99E-04	2.49E-04	5.05E-03	1.07E-04	6.32E-05	5.47E-03
2562	493380.5, 3860293.11	0.05329	0.16708	0.01683	0.01988	2.15E-04	4.98E-03	1.07E-04	6.28E-05	5.37E-03	1.96E-04	0.00E+00	1.43E-06	1.71E-06	1.99E-04	2.49E-04	4.98E-03	1.07E-04	6.28E-05	5.40E-03
2563	492880.5, 3860343.11	0.04929	0.18796	0.015	0.02098	1.99E-04	5.61E-03	9.57E-05	6.62E-05	5.97E-03	1.81E-04	0.00E+00	1.28E-06	1.81E-06	1.84E-04	2.31E-04	5.61E-03	9.57E-05	6.62E-05	6.00E-03
2564	492930.5, 3860343.11	0.0496	0.18561	0.01513	0.02079	2.00E-04	5.54E-03	9.65E-05	6.56E-05	5.90E-03	1.82E-04	0.00E+00	1.29E-06	1.79E-06	1.85E-04	2.32E-04	5.54E-03	9.65E-05	6.56E-05	5.93E-03
2565	492980.5, 3860343.11	0.05022	0.18234	0.01557	0.02047	2.03E-04	5.44E-03	9.93E-05	6.46E-05	5.81E-03	1.85E-04	0.00E+00	1.32E-06	1.76E-06	1.88E-04	2.35E-04	5.44E-03	9.93E-05	6.46E-05	5.84E-03
2566	493030.5, 3860343.11	0.05047	0.1801	0.0157	0.02031	2.04E-04	5.37E-03	1.00E-04	6.41E-05	5.74E-03	1.86E-04	0.00E+00	1.34E-06	1.75E-06	1.89E-04	2.36E-04	5.37E-03	1.00E-04	6.41E-05	5.77E-03
2567	493080.5, 3860343.11	0.051	0.17627	0.01564	0.02008	2.06E-04	5.26E-03	9.98E-05	6.34E-05	5.63E-03	1.88E-04	0.00E+00	1.33E-06	1.73E-06	1.91E-04	2.39E-04	5.26E-03	9.98E-05	6.34E-05	5.66E-03
2568	493130.5, 3860343.11	0.05113	0.17474	0.01581	0.01996	2.07E-04	5.21E-03	1.01E-04	6.30E-05	5.58E-03	1.88E-04	0.00E+00	1.34E-06	1.72E-06	1.91E-04	2.39E-04	5.21E-03	1.01E-04	6.30E-05	5.62E-03
2569	493180.5, 3860343.11	0.05109	0.1739	0.01602	0.0199	2.07E-04	5.19E-03	1.02E-04	6.28E-05	5.56E-03	1.88E-04	0.00E+00	1.36E-06	1.71E-06	1.91E-04	2.39E-04	5.19E-03	1.02E-04	6.28E-05	5.59E-03
2570	493230.5, 3860343.11	0.05125	0.17202	0.01612	0.01977	2.07E-04	5.13E-03	1.03E-04	6.24E-05	5.50E-03	1.88E-04	0.00E+00	1.37E-06	1.70E-06	1.91E-04	2.40E-04	5.13E-03	1.03E-04	6.24E-05	5.54E-03
2571	493280.5, 3860343.11	0.05157	0.16938	0.01619	0.01959	2.08E-04	5.05E-03	1.03E-04	6.19E-05	5.43E-03	1.90E-04	0.00E+00	1.38E-06	1.69E-06	1.93E-04	2.41E-04	5.05E-03	1.03E-04	6.19E-05	5.46E-03
2572	493330.5, 3860343.11	0.0518	0.16697	0.01619	0.01944	2.09E-04	4.98E-03	1.03E-04	6.14E-05	5.36E-03	1.90E-04	0.00E+00	1.38E-06	1.67E-06	1.93E-04	2.42E-04	4.98E-03	1.03E-04	6.14E-05	5.39E-03
2573	493380.5, 3860343.11	0.05194	0.16504	0.01628	0.01932	2.10E-04	4.92E-03	1.04E-04	6.10E-05	5.30E-03	1.91E-04	0.00E+00	1.38E-06	1.66E-06	1.94E-04	2.43E-04	4.92E-03	1.04E-04	6.10E-05	5.33E-03
2574	492880.5, 3860393.11	0.04772	0.18473	0.01441	0.02038	1.93E-04	5.51E-03	9.19E-05	6.43E-05	5.86E-03	1.75E-04	0.00E+00	1.23E-06	1.75E-06	1.78E-04	2.23E-04	5.51E-03	9.19E-05	6.43E-05	5.89E-03
2575	492930.5, 3860393.11	0.04808	0.18237	0.01455	0.02017	1.94E-04	5.44E-03	9.28E-05	6.37E-05	5.79E-03	1.77E-04	0.00E+00	1.24E-06	1.74E-06	1.80E-04	2.25E-04	5.44E-03	9.28E-05	6.37E-05	5.82E-03
2576	492980.5, 3860393.11	0.04853	0.17987	0.01478	0.01994	1.96E-04	5.37E-03	9.43E-05	6.30E-05	5.72E-03	1.78E-04	0.00E+00	1.26E-06	1.72E-06	1.81E-04	2.27E-04	5.37E-03	9.43E-05	6.30E-05	5.75E-03
2577	493030.5, 3860393.11	0.0489	0.17745	0.01497	0.01974	1.98E-04	5.29E-03	9.55E-05	6.23E-05	5.65E-03	1.80E-04	0.00E+00	1.27E-06	1.70E-06	1.83E-04	2.29E-04	5.29E-03	9.55E-05	6.23E-05	5.68E-03
2578	493080.5, 3860393.11	0.04944	0.17412	0.01527	0.01949	2.00E-04	5.19E-03	9.74E-05	6.15E-05	5.55E-03	1.82E-04	0.00E+00	1.30E-06	1.68E-06	1.85E-04	2.31E-04	5.19E-03	9.74E-05	6.15E-05	5.58E-03
2579	493130.5, 3860393.11	0.04954	0.17272	0.01535	0.0194	2.00E-04	5.15E-03	9.79E-05	6.13E-05	5.51E-03	1.82E-04	0.00E+00	1.31E-06	1.67E-06	1.85E-04	2.32E-04	5.15E-03	9.79E-05	6.13E-05	5.54E-03
2580	493180.5, 3860393.11	0.04954	0.1715	0.01524	0.01935	2.00E-04	5.12E-03	9.72E-05	6.11E-05	5.47E-03	1.82E-04	0.00E+00	1.30E-06	1.67E-06	1.85E-04	2.32E-04	5.12E-03	9.72E-05	6.11E-05	5.51E-03
2581	493230.5, 3860393.11	0.04977	0.16951	0.01537	0.01922	2.01E-04	5.06E-03	9.80E-05	6.07E-05	5.42E-03	1.83E-04	0.00E+00	1.31E-06	1.66E-06	1.86E-04	2.33E-04	5.06E-03	9.80E-05	6.07E-05	5.45E-03
2582	493280.5, 3860393.11	0.05013	0.16702	0.01564	0.01903	2.03E-04	4.98E-03	9.98E-05	6.01E-05	5.35E-03	1.84E-04	0.00E+00	1.33E-06	1.64E-06	1.87E-04	2.34E-04	4.98E-03	9.98E-05	6.01E-05	5.38E-03
2583	493330.5, 3860393.11	0.05039	0.16476	0.01571	0.01889	2.04E-04	4.92E-03	1.00E-04	5.96E-05	5.28E-03	1.85E-04	0.00E+00	1.34E-06	1.63E-06	1.88E-04	2.36E-04	4.92E-03	1.00E-04	5.96E-05	5.31E-03
2584	493380.5, 3860393.11	0.05058	0.16282	0.01577	0.01876	2.04E-04	4.86E-03	1.01E-04	5.92E-05	5.22E-03	1.86E-04	0.00E+00	1.34E-06	1.62E-06	1.89E-04	2.37E-04	4.86E-03	1.01E-04	5.92E-05	5.25E-03
2585	492880.5, 3860443.11	0.04628	0.18126	0.01393	0.01975	1.87E-04	5.41E-03	8.89E-05	6.24E-05	5.75E-03	1.70E-04	0.00E+00	1.18E-06	1.70E-06	1.73E-04	2.16E-04	5.41E-03	8.89E-05	6.24E-05	5.78E-03
2586	492930.5, 3860443.11	0.04652	0.17916	0.01398	0.01961	1.88E-04	5.34E-03	8.92E-05	6.19E-05	5.68E-03	1.71E-04	0.00E+00	1.19E-06	1.69E-06	1.74E-04	2.18E-04	5.34E-03	8.92E-05	6.19E-05	5.71E-03
2587	492980.5, 3860443.11	0.04692	0.17701	0.01413	0.0194	1.90E-04	5.28E-03	9.01E-05	6.13E-05	5.62E-03	1.73E-04	0.00E+00	1.20E-06	1.67E-06	1.75E-04	2.19E-04	5.28E-03	9.01E-05	6.13E-05	5.65E-03
2588	493030.5, 3860443.11	0.04731	0.17466	0.0143	0.0192	1.91E-04	5.21E-03	9.12E-05	6.06E-05	5.55E-03	1.74E-04	0.00E+00	1.22E-06	1.65E-06	1.77E-04	2.21E-04	5.21E-03	9.12E-05	6.06E-05	5.58E-03
2589	493080.5, 3860443.11	0.04759	0.1726	0.01441	0.01906	1.92E-04	5.15E-03	9.19E-05	6.02E-05	5.49E-03	1.75E-04	0.00E+00	1.23E-06	1.64E-06	1.78E-04	2.23E-04	5.15E-03	9.19E-05	6.02E-05	5.52E-03
2590	493130.5, 3860443.11	0.04787	0.17056	0.01452	0.01891	1.94E-04	5.09E-03	9.26E-05	5.97E-05	5.43E-03	1.76E-04	0.00E+00	1.23E-06	1.63E-06	1.79E-04	2.24E-04	5.09E-03	9.26E-05	5.97E-05	5.46E-03
2591	493180.5, 3860443.11	0.04793	0.16898	0.01448	0.01887	1.94E-04	5.04E-03	9.24E-05	5.96E-05	5.39E-03	1.76E-04	0.00E+00	1.23E-06	1.62E-06	1.79E-04	2.24E-04	5.04E-03	9.24E-05	5.96E-05	5.42E-03
2592	493230.5, 3860443.11	0.04834	0.16673	0.01473	0.01866	1.95E-04	4.97E-03	9.40E-05	5.89E-05	5.32E-03	1.78E-04	0.00E+00	1.25E-06	1.61E-06	1.81E-04	2.26E-04	4.97E-03	9.40E-05	5.89E-05	5.35E-03

2593	493280.5, 3860443.11	0.04864	0.16466	0.01491	0.01851	1.97E-04	4.91E-03	9.51E-05	5.84E-05	5.26E-03	1.79E-04	0.00E+00	1.27E-06	1.59E-06	1.82E-04	2.27E-04	4.91E-03	9.51E-05	5.84E-05	5.29E-03
2594	493330.5, 3860443.11	0.04899	0.16232	0.01516	0.01834	1.98E-04	4.84E-03	9.67E-05	5.79E-05	5.20E-03	1.80E-04	0.00E+00	1.29E-06	1.58E-06	1.83E-04	2.29E-04	4.84E-03	9.67E-05	5.79E-05	5.23E-03
2595	493380.5, 3860443.11	0.04913	0.16071	0.01524	0.01825	1.99E-04	4.79E-03	9.72E-05	5.76E-05	5.15E-03	1.81E-04	0.00E+00	1.30E-06	1.57E-06	1.83E-04	2.30E-04	4.79E-03	9.72E-05	5.76E-05	5.18E-03
2596	493180.5, 3860493.11	0.04653	0.16595	0.01395	0.0183	1.88E-04	4.95E-03	8.90E-05	5.78E-05	5.29E-03	1.71E-04	0.00E+00	1.19E-06	1.58E-06	1.74E-04	2.18E-04	4.95E-03	8.90E-05	5.78E-05	5.32E-03
2597	493230.5, 3860493.11	0.04686	0.164	0.0141	0.01814	1.89E-04	4.89E-03	8.99E-05	5.73E-05	5.23E-03	1.72E-04	0.00E+00	1.20E-06	1.56E-06	1.75E-04	2.19E-04	4.89E-03	8.99E-05	5.73E-05	5.26E-03
2598	493280.5, 3860493.11	0.0472	0.162	0.01427	0.01799	1.91E-04	4.83E-03	9.10E-05	5.68E-05	5.17E-03	1.74E-04	0.00E+00	1.21E-06	1.55E-06	1.76E-04	2.21E-04	4.83E-03	9.10E-05	5.68E-05	5.20E-03
2599	493330.5, 3860493.11	0.04747	0.16012	0.01442	0.01786	1.92E-04	4.78E-03	9.20E-05	5.64E-05	5.12E-03	1.75E-04	0.00E+00	1.23E-06	1.54E-06	1.77E-04	2.22E-04	4.78E-03	9.20E-05	5.64E-05	5.15E-03
2600	493380.5, 3860493.11	0.04763	0.15853	0.01447	0.01777	1.93E-04	4.73E-03	9.23E-05	5.61E-05	5.07E-03	1.75E-04	0.00E+00	1.23E-06	1.53E-06	1.78E-04	2.23E-04	4.73E-03	9.23E-05	5.61E-05	5.10E-03
2601	493330.5, 3860543.11	0.04606	0.15747	0.01382	0.01735	1.86E-04	4.70E-03	8.82E-05	5.48E-05	5.03E-03	1.69E-04	0.00E+00	1.18E-06	1.49E-06	1.72E-04	2.15E-04	4.70E-03	8.82E-05	5.48E-05	5.06E-03
2602	493380.5, 3860543.11	0.04622	0.15594	0.01386	0.01728	1.87E-04	4.65E-03	8.84E-05	5.46E-05	4.98E-03	1.70E-04	0.00E+00	1.18E-06	1.49E-06	1.73E-04	2.16E-04	4.65E-03	8.84E-05	5.46E-05	5.01E-03
2603	494135.94, 3860876.85	0.0405	0.12026	0.01162	0.01325	1.64E-04	3.59E-03	7.41E-05	4.18E-05	3.87E-03	1.49E-04	0.00E+00	9.88E-07	1.14E-06	1.51E-04	1.89E-04	3.59E-03	7.41E-05	4.18E-05	3.89E-03
2604	494185.94, 3860876.85	0.04064	0.1193	0.01168	0.01321	1.64E-04	3.56E-03	7.45E-05	4.17E-05	3.84E-03	1.49E-04	0.00E+00	9.93E-07	1.14E-06	1.52E-04	1.90E-04	3.56E-03	7.45E-05	4.17E-05	3.87E-03
2605	494135.94, 3860926.85	0.03939	0.11793	0.01124	0.01277	1.59E-04	3.52E-03	7.17E-05	4.03E-05	3.79E-03	1.45E-04	0.00E+00	9.56E-07	1.10E-06	1.47E-04	1.84E-04	3.52E-03	7.17E-05	4.03E-05	3.81E-03
2606	494185.94, 3860926.85	0.03955	0.11702	0.01129	0.01275	1.60E-04	3.49E-03	7.20E-05	4.03E-05	3.76E-03	1.45E-04	0.00E+00	9.60E-07	1.10E-06	1.47E-04	1.85E-04	3.49E-03	7.20E-05	4.03E-05	3.79E-03
2607	494135.94, 3860976.85	0.03831	0.11561	0.01092	0.01232	1.55E-04	3.45E-03	6.97E-05	3.89E-05	3.71E-03	1.41E-04	0.00E+00	9.29E-07	1.06E-06	1.43E-04	1.79E-04	3.45E-03	6.97E-05	3.89E-05	3.74E-03
2608	494185.94, 3860976.85	0.03848	0.11475	0.01095	0.01231	1.56E-04	3.42E-03	6.98E-05	3.89E-05	3.69E-03	1.41E-04	0.00E+00	9.31E-07	1.06E-06	1.43E-04	1.80E-04	3.42E-03	6.98E-05	3.89E-05	3.71E-03
2609	494135.94, 3861026.85	0.03724	0.11327	0.01063	0.0119	1.51E-04	3.38E-03	6.78E-05	3.76E-05	3.64E-03	1.37E-04	0.00E+00	9.04E-07	1.02E-06	1.39E-04	1.74E-04	3.38E-03	6.78E-05	3.76E-05	3.66E-03
2610	494185.94, 3861026.85	0.03742	0.11246	0.01065	0.01189	1.51E-04	3.36E-03	6.79E-05	3.75E-05	3.61E-03	1.38E-04	0.00E+00	9.06E-07	1.02E-06	1.40E-04	1.75E-04	3.36E-03	6.79E-05	3.75E-05	3.64E-03
2611	494135.94, 3861076.85	0.03621	0.11096	0.01038	0.0115	1.46E-04	3.31E-03	6.62E-05	3.63E-05	3.56E-03	1.33E-04	0.00E+00	8.83E-07	9.90E-07	1.35E-04	1.69E-04	3.31E-03	6.62E-05	3.63E-05	3.58E-03
2612	494185.94, 3861076.85	0.03639	0.11017	0.01039	0.01148	1.47E-04	3.29E-03	6.63E-05	3.62E-05	3.54E-03	1.34E-04	0.00E+00	8.84E-07	9.89E-07	1.36E-04	1.70E-04	3.29E-03	6.63E-05	3.62E-05	3.56E-03
2613	490360.04, 3858710.04	0.12498	0.38738	0.07105	0.055	5.05E-04	1.16E-02	4.53E-04	1.74E-04	1.27E-02	4.59E-04	0.00E+00	6.04E-06	4.74E-06	4.70E-04	5.84E-04	1.16E-02	4.53E-04	1.74E-04	1.28E-02
2614	490410.04, 3858710.04	0.12536	0.37792	0.07072	0.05441	5.07E-04	1.13E-02	4.51E-04	1.72E-04	1.24E-02	4.61E-04	0.00E+00	6.01E-06	4.69E-06	4.72E-04	5.86E-04	1.13E-02	4.51E-04	1.72E-04	1.25E-02
2615	490460.04, 3858710.04	0.12582	0.36596	0.07038	0.05385	5.09E-04	1.09E-02	4.49E-04	1.70E-04	1.20E-02	4.63E-04	0.00E+00	5.99E-06	4.64E-06	4.73E-04	5.88E-04	1.09E-02	4.49E-04	1.70E-04	1.21E-02
2616	490510.04, 3858710.04	0.12599	0.35721	0.07014	0.05331	5.09E-04	1.07E-02	4.47E-04	1.68E-04	1.18E-02	4.63E-04	0.00E+00	5.97E-06	4.59E-06	4.74E-04	5.89E-04	1.07E-02	4.47E-04	1.68E-04	1.19E-02
2617	490560.04, 3858710.04	0.12603	0.3496	0.06993	0.05278	5.09E-04	1.04E-02	4.46E-04	1.67E-04	1.16E-02	4.63E-04	0.00E+00	5.95E-06	4.54E-06	4.74E-04	5.89E-04	1.04E-02	4.46E-04	1.67E-04	1.16E-02
2618	490610.04, 3858710.04	0.12602	0.34175	0.06974	0.05227	5.09E-04	1.02E-02	4.45E-04	1.65E-04	1.13E-02	4.63E-04	0.00E+00	5.93E-06	4.50E-06	4.74E-04	5.89E-04	1.02E-02	4.45E-04	1.65E-04	1.14E-02
2619	490660.04, 3858710.04	0.12584	0.33656	0.06956	0.05175	5.09E-04	1.00E-02	4.44E-04	1.63E-04	1.12E-02	4.63E-04	0.00E+00	5.92E-06	4.46E-06	4.73E-04	5.89E-04	1.00E-02	4.44E-04	1.63E-04	1.12E-02
2620	490710.04, 3858710.04	0.12577	0.32753	0.06944	0.0513	5.08E-04	9.77E-03	4.43E-04	1.62E-04	1.09E-02	4.62E-04	0.00E+00	5.91E-06	4.42E-06	4.73E-04	5.88E-04	9.77E-03	4.43E-04	1.62E-04	1.10E-02
2621	490760.04, 3858710.04	0.12559	0.31971	0.06934	0.05084	5.08E-04	9.54E-03	4.42E-04	1.61E-04	1.06E-02	4.62E-04	0.00E+00	5.90E-06	4.38E-06	4.72E-04	5.87E-04	9.54E-03	4.42E-04	1.61E-04	1.07E-02
2622	490810.04, 3858710.04	0.12534	0.31206	0.06928	0.05041	5.07E-04	9.31E-03	4.42E-04	1.59E-04	1.04E-02	4.61E-04	0.00E+00	5.89E-06	4.34E-06	4.71E-04	5.86E-04	9.31E-03	4.42E-04	1.59E-04	1.05E-02
2623	490860.04, 3858710.04	0.12507	0.30307	0.06931	0.05002	5.06E-04	9.04E-03	4.42E-04	1.58E-04	1.01E-02	4.60E-04	0.00E+00	5.89E-06	4.31E-06	4.70E-04	5.85E-04	9.04E-03	4.42E-04	1.58E-04	1.02E-02
2624	490360.04, 3858760.04	0.12024	0.39846	0.06547	0.05653	4.86E-04	1.19E-02	4.18E-04	1.78E-04	1.30E-02	4.42E-04	0.00E+00	5.57E-06	4.87E-06	4.52E-04	5.62E-04	1.19E-02	4.18E-04	1.78E-04	1.30E-02
2625	490410.04, 3858760.04	0.12077	0.38767	0.06523	0.05588	4.88E-04	1.16E-02	4.16E-04	1.76E-04	1.26E-02	4.44E-04	0.00E+00	5.55E-06	4.81E-06	4.54E-04	5.65E-04	1.16E-02	4.16E-04	1.76E-04	1.27E-02
2626	490460.04, 3858760.04	0.12125	0.37634	0.06501	0.05526	4.90E-04	1.12E-02	4.15E-04	1.74E-04	1.23E-02	4.46E-04	0.00E+00	5.53E-06	4.76E-06	4.56E-04	5.67E-04	1.12E-02	4.15E-04	1.74E-04	1.24E-02
2627	490510.04, 3858760.04	0.12163	0.36502	0.06483	0.05468	4.92E-04	1.09E-02	4.14E-04	1.73E-04	1.20E-02	4.47E-04	0.00E+00	5.51E-06	4.71E-06	4.57E-04	5.69E-04	1.09E-02	4.14E-04	1.73E-04	1.20E-02
2628	490560.04, 3858760.04	0.12183	0.35592	0.0647	0.05412	4.92E-04	1.06E-02	4.13E-04	1.71E-04	1.17E-02	4.48E-04	0.00E+00	5.50E-06	4.66E-06	4.58E-04	5.70E-04	1.06E-02	4.13E-04	1.71E-04	1.18E-02
2629	490610.04, 3858760.04	0.12196	0.34651	0.0646	0.05357	4.93E-04	1.03E-02	4.12E-04	1.69E-04	1.14E-02	4.48E-04	0.00E+00	5.49E-06	4.61E-06	4.58E-04	5.70E-04	1.03E-02	4.12E-04	1.69E-04	1.15E-02
2630	490660.04, 3858760.04	0.12199	0.33812	0.06453	0.05304	4.93E-04	1.01E-02	4.12E-04	1.67E-04	1.12E-02	4.48E-04	0.00E+00	5.49E-06	4.57E-06	4.59E-04	5.70E-04	1.01E-02	4.12E-04	1.67E-04	1.12E-02
2631	490710.04, 3858760.04	0.12195	0.32987	0.06449	0.05253	4.93E-04	9.84E-03	4.11E-04	1.66E-04	1.09E-02	4.48E-04	0.00E+00	5.48E-06	4.52E-06	4.58E-04	5.70E-04	9.84E-03	4.11E-04	1.66E-04	1.10E-02
2632	490760.04, 3858760.04	0.12187	0.32065	0.06452	0.05205	4.93E-04	9.57E-03	4.12E-04	1.64E-04	1.06E-02	4.48E-04	0.00E+00	5.49E-06	4.48E-06	4.58E-04	5.70E-04	9.57E-03	4.12E-04	1.64E-04	1.07E-02
2633	490810.04, 3858760.04	0.1217	0.31215	0.06458	0.05157	4.92E-04	9.31E-03	4.12E-04	1.63E-04	1.04E-02	4.47E-04	0.00E+00	5.49E-06	4.44E-06	4.57E-04	5.69E-04	9.31E-03	4.12E-04	1.63E-04	1.05E-02
2634	490860.04, 3858760.04	0.12145	0.30472	0.06462	0.05109	4.91E-04	9.09E-03	4.12E-04	1.61E-04	1.02E-02	4.47E-04	0.00E+00	5.50E-06	4.40E-06	4.56E-04	5.68E-04	9.09E-03	4.12E-04	1.61E-04	1.02E-02
2635	490360.04, 3858810.04	0.11568	0.40715	0.06033	0.0581	4.68E-04	1.21E-02	3.85E-04	1.83E-04	1.32E-02	4.25E-04	0.00E+00	5.13E-06	5.00E-06	4.35E-04	5.41E-04	1.21E-02	3.85E-04	1.83E-04	1.33E-02
2636	490410.04, 3858810.04	0.11631	0.3952	0.0602	0.0574	4.70E-04	1.18E-02	3.84E-04	1.81E-04	1.28E-02	4.28E-04	0.00E+00	5.12E-06	4.94E-06	4.38E-04	5.44E-04	1.18E-02	3.84E-04	1.81E-04	1.29E-02
2637	490460.04, 3858810.04	0.11686	0.38327	0.0601	0.05673	4.72E-04	1.14E-02	3.83E-04	1.79E-04	1.25E-02	4.30E-04	0.00E+00	5.11E-06	4.89E-06	4.40E-04	5.47E-04	1.14E-02	3.83E-04	1.79E-04	1.25E-02
2638	490510.04, 3858810.04	0.11723	0.37373	0.06003	0.05607	4.74E-04	1.11E-02	3.83E-04	1.77E-04	1.22E-02	4.31E-04	0.00E+00	5.11E-06	4.83E-06	4.41E-04	5.48E-04	1.11E-02	3.83E-04	1.77E-04	1.23E-02
2639	490560.04, 3858810.04	0.11754	0.36395	0.05997	0.05544	4.75E-04	1.09E-02	3.83E-04	1.75E-04	1.19E-02	4.32E-04	0.00E+00	5.10E-06	4.77E-06	4.42E-04	5.50E-04	1.09E-02	3.83E-04	1.75E-04	1.20E-02
2640	490610.04, 3858810.04	0.11784	0.3523	0.05994	0.05486	4.76E-04	1.05E-02	3.82E-04	1.73E-04	1.15E-02	4.33E-04	0.00E+00	5.10E-06	4.72E-06	4.43E-04	5.51E-04	1.05E-02	3.82E-04	1.73E-04	1.16E-02
2641	490660.04, 3858810.04	0.11799	0.34272	0.05995	0.05428	4.77E-04	1.02E-02	3.82E-04	1.71E-04	1.13E-02	4.34E-04	0.00E+00	5.10E-06	4.67E-06	4.44E-04	5.52E-04	1.02E-02	3.82E-04	1.71E-04	1.13E-02
2642	490710.04, 3858810.04	0.11808	0.33266	0.06001	0.05372	4.77E-04	9.92E-03	3.83E-04	1.70E-04	1.10E-02	4.34E-04	0.00E+00	5.10E-06	4.63E-06	4.44E-04	5.52E-04	9.92E-03	3.83E-04	1.70E-04	1.10E-02
2643	490760.04, 3858810.04	0.11811	0.32101	0.06019	0.05323	4.77E-04	9.58E-03	3.84E-04	1.68E-04	1.06E-02	4.34E-04	0.00E+00	5.12E-06	4.58E-06	4.44E-04	5.52E-04	9.58E-03	3.84E-04	1.68E-04	1.07E-02
2644	490810.04, 3858810.04	0.11799	0.3149	0.0602	0.05263	4.77E-04	9.39E-03	3.84E-04	1.66E-04	1.04E-02	4.34E-04	0.00E+00	5.12E-06	4.53E-06	4.43E-04	5.52E-04	9.39E-03	3.84E-04	1.66E-04	1.05E-02
2645	490860.04, 3858810.04	0.11784	0.30561	0.06038	0.05212	4.76E-04	9.12E-03	3.85E-04	1.65E-04	1.01E-02	4.33E-04	0.00E+00	5.14E-06	4.49E-06	4.43E-04	5.51E-04	9.12E-03	3.85E-04	1.65E-04	1.02E-02
2646	490360.04, 3858860.04	0.11128	0.41283	0.05556	0.05972	4.50E-04	1.23E-02	3.54E-04	1.89E-04	1.33E-02	4.09E-04	0.00E+00	4.73E-06	5.14E-06	4.19E-04	5.20E-04	1.23E-02	3.54E-04	1.89E-04	1.34E-02
2647	490410.04, 3858860.04	0.11179	0.40384	0.05562	0.05893	4.52E-04	1.20E-02	3.55E-04	1.86E-04	1.30E-02	4.11E-04	0.00E+00	4.73E-06	5.07E-06	4.21E-04	5.23E-04	1.20E-02	3.55E-04	1.86E-04	1.31E-02
2648	490460.04, 3858860.04	0.11247	0.39019	0.05561	0.0582	4.55E-04	1.16E-02	3.55E-04	1.84E-04	1.26E-02	4.13E-04	0.00E+00	4.73E-06	5.01E-06	4.23E-04	5.26E-04	1.16E-02	3.55E-04	1.84E-04	1.27E-02
2649	490510.04, 3858860.04	0.11285	0.38208	0.05564	0.05745	4.56E-04	1.14E-02	3.55E-04	1.81E-04	1.24E-02	4.15E-04	0.00E+00	4.73E-06	4.95E-06	4.25E-04	5.28E-04	1.14E-02	3.55E-04	1.81E-04	1.25E-02
2650	490560.04, 3858860.04	0.11331	0.37027	0.05565	0.05676	4.58E-04	1.10E-02	3.55E-04	1.79E-04	1.20E-02	4.17E-04	0.00E+00	4.73E-06	4.89E-06	4.26E-04	5.30E-04	1.10E-02	3.55E-04	1.79E-04	1.21E-02
2651	490610.04, 3858860.04	0.11376	0.35599	0.05571	0.05614	4.60E-04	1.06E-02	3.55E-04	1.77E-04	1.16E-02	4.18E-04	0.00E+00	4.74E-06	4.83E-06	4.28E-04	5.32E-04	1.06E-02	3.55E-04	1.77E-04	1.17E-02

2652	490660.04, 3858860.04	0.114	0.34612	0.05578	0.05548	4.61E-04	1.03E-02	3.56E-04	1.75E-04	1.13E-02	4.19E-04	0.00E+00	4.74E-06	4.78E-06	4.29E-04	5.33E-04	1.03E-02	3.56E-04	1.75E-04	1.14E-02
2653	490710.04, 3858860.04	0.11413	0.33813	0.05584	0.05482	4.61E-04	1.01E-02	3.56E-04	1.73E-04	1.11E-02	4.20E-04	0.00E+00	4.75E-06	4.72E-06	4.29E-04	5.34E-04	1.01E-02	3.56E-04	1.73E-04	1.12E-02
2654	490760.04, 3858860.04	0.11426	0.32619	0.05604	0.05425	4.62E-04	9.73E-03	3.57E-04	1.71E-04	1.07E-02	4.20E-04	0.00E+00	4.77E-06	4.67E-06	4.30E-04	5.34E-04	9.73E-03	3.57E-04	1.71E-04	1.08E-02
2655	490810.04, 3858860.04	0.11428	0.31538	0.05627	0.05368	4.62E-04	9.41E-03	3.59E-04	1.69E-04	1.04E-02	4.20E-04	0.00E+00	4.79E-06	4.62E-06	4.30E-04	5.34E-04	9.41E-03	3.59E-04	1.69E-04	1.05E-02
2656	490860.04, 3858860.04	0.11418	0.30471	0.05657	0.05314	4.62E-04	9.09E-03	3.61E-04	1.68E-04	1.01E-02	4.20E-04	0.00E+00	4.81E-06	4.58E-06	4.29E-04	5.34E-04	9.09E-03	3.61E-04	1.68E-04	1.02E-02
2657	490360.04, 3858910.04	0.1066	0.4252	0.05126	0.06132	4.31E-04	1.27E-02	3.27E-04	1.94E-04	1.36E-02	3.92E-04	0.00E+00	4.36E-06	5.28E-06	4.02E-04	4.99E-04	1.27E-02	3.27E-04	1.94E-04	1.37E-02
2658	490410.04, 3858910.04	0.1073	0.41283	0.05138	0.06045	4.34E-04	1.23E-02	3.28E-04	1.91E-04	1.33E-02	3.94E-04	0.00E+00	4.37E-06	5.21E-06	4.04E-04	5.02E-04	1.23E-02	3.28E-04	1.91E-04	1.33E-02
2659	490460.04, 3858910.04	0.10798	0.40006	0.05147	0.05961	4.36E-04	1.19E-02	3.28E-04	1.88E-04	1.29E-02	3.97E-04	0.00E+00	4.38E-06	5.13E-06	4.06E-04	5.05E-04	1.19E-02	3.28E-04	1.88E-04	1.30E-02
2660	490510.04, 3858910.04	0.10861	0.38695	0.05156	0.05882	4.39E-04	1.15E-02	3.29E-04	1.86E-04	1.25E-02	3.99E-04	0.00E+00	4.39E-06	5.06E-06	4.09E-04	5.08E-04	1.15E-02	3.29E-04	1.86E-04	1.26E-02
2661	490560.04, 3858910.04	0.10917	0.37351	0.05166	0.05806	4.41E-04	1.11E-02	3.30E-04	1.83E-04	1.21E-02	4.01E-04	0.00E+00	4.39E-06	5.00E-06	4.11E-04	5.11E-04	1.11E-02	3.30E-04	1.83E-04	1.22E-02
2662	490610.04, 3858910.04	0.10965	0.36037	0.0518	0.05734	4.43E-04	1.08E-02	3.30E-04	1.81E-04	1.17E-02	4.03E-04	0.00E+00	4.41E-06	4.94E-06	4.12E-04	5.13E-04	1.08E-02	3.30E-04	1.81E-04	1.18E-02
2663	490660.04, 3858910.04	0.10998	0.34971	0.05194	0.05662	4.45E-04	1.04E-02	3.31E-04	1.79E-04	1.14E-02	4.04E-04	0.00E+00	4.42E-06	4.88E-06	4.14E-04	5.14E-04	1.04E-02	3.31E-04	1.79E-04	1.15E-02
2664	490710.04, 3858910.04	0.11026	0.33805	0.05213	0.05594	4.46E-04	1.01E-02	3.33E-04	1.77E-04	1.10E-02	4.05E-04	0.00E+00	4.43E-06	4.82E-06	4.15E-04	5.16E-04	1.01E-02	3.33E-04	1.77E-04	1.11E-02
2665	490760.04, 3858910.04	0.11046	0.32514	0.0524	0.05533	4.47E-04	9.70E-03	3.34E-04	1.75E-04	1.07E-02	4.06E-04	0.00E+00	4.46E-06	4.76E-06	4.15E-04	5.17E-04	9.70E-03	3.34E-04	1.75E-04	1.07E-02
2666	490810.04, 3858910.04	0.11053	0.31568	0.05263	0.05467	4.47E-04	9.42E-03	3.36E-04	1.73E-04	1.04E-02	4.06E-04	0.00E+00	4.48E-06	4.71E-06	4.16E-04	5.17E-04	9.42E-03	3.36E-04	1.73E-04	1.04E-02
2667	490860.04, 3858910.04	0.1105	0.30358	0.05304	0.0541	4.47E-04	9.06E-03	3.38E-04	1.71E-04	1.00E-02	4.06E-04	0.00E+00	4.51E-06	4.66E-06	4.15E-04	5.17E-04	9.06E-03	3.38E-04	1.71E-04	1.01E-02
2668	490360.04, 3858960.04	0.10229	0.43198	0.04718	0.06289	4.13E-04	1.29E-02	3.01E-04	1.99E-04	1.38E-02	3.76E-04	0.00E+00	4.01E-06	5.42E-06	3.85E-04	4.78E-04	1.29E-02	3.01E-04	1.99E-04	1.39E-02
2669	490410.04, 3858960.04	0.10306	0.4175	0.04738	0.06193	4.17E-04	1.25E-02	3.02E-04	1.96E-04	1.34E-02	3.79E-04	0.00E+00	4.03E-06	5.33E-06	3.88E-04	4.82E-04	1.25E-02	3.02E-04	1.96E-04	1.34E-02
2670	490460.04, 3858960.04	0.10382	0.4026	0.04756	0.06102	4.20E-04	1.20E-02	3.03E-04	1.93E-04	1.29E-02	3.82E-04	0.00E+00	4.04E-06	5.25E-06	3.91E-04	4.86E-04	1.20E-02	3.03E-04	1.93E-04	1.30E-02
2671	490510.04, 3858960.04	0.10446	0.38934	0.04776	0.06014	4.22E-04	1.16E-02	3.05E-04	1.90E-04	1.25E-02	3.84E-04	0.00E+00	4.06E-06	5.18E-06	3.93E-04	4.89E-04	1.16E-02	3.05E-04	1.90E-04	1.26E-02
2672	490560.04, 3858960.04	0.10504	0.37656	0.04795	0.05929	4.25E-04	1.12E-02	3.06E-04	1.87E-04	1.22E-02	3.86E-04	0.00E+00	4.08E-06	5.11E-06	3.95E-04	4.91E-04	1.12E-02	3.06E-04	1.87E-04	1.22E-02
2673	490610.04, 3858960.04	0.1056	0.36137	0.04819	0.05852	4.27E-04	1.08E-02	3.07E-04	1.85E-04	1.17E-02	3.88E-04	0.00E+00	4.10E-06	5.04E-06	3.97E-04	4.94E-04	1.08E-02	3.07E-04	1.85E-04	1.18E-02
2674	490660.04, 3858960.04	0.10597	0.35295	0.04836	0.05769	4.28E-04	1.05E-02	3.08E-04	1.82E-04	1.14E-02	3.90E-04	0.00E+00	4.11E-06	4.97E-06	3.99E-04	4.96E-04	1.05E-02	3.08E-04	1.82E-04	1.15E-02
2675	490710.04, 3858960.04	0.10635	0.33888	0.04864	0.05699	4.30E-04	1.01E-02	3.10E-04	1.80E-04	1.10E-02	3.91E-04	0.00E+00	4.14E-06	4.91E-06	4.00E-04	4.97E-04	1.01E-02	3.10E-04	1.80E-04	1.11E-02
2676	490760.04, 3858960.04	0.10661	0.32672	0.04893	0.05629	4.31E-04	9.75E-03	3.12E-04	1.78E-04	1.07E-02	3.92E-04	0.00E+00	4.16E-06	4.85E-06	4.01E-04	4.99E-04	9.75E-03	3.12E-04	1.78E-04	1.07E-02
2677	490810.04, 3858960.04	0.10675	0.31489	0.04928	0.05563	4.32E-04	9.39E-03	3.14E-04	1.76E-04	1.03E-02	3.92E-04	0.00E+00	4.19E-06	4.79E-06	4.01E-04	4.99E-04	9.39E-03	3.14E-04	1.76E-04	1.04E-02
2678	490860.04, 3858960.04	0.10681	0.30193	0.04975	0.05503	4.32E-04	9.01E-03	3.17E-04	1.74E-04	9.93E-03	3.93E-04	0.00E+00	4.23E-06	4.74E-06	4.02E-04	5.00E-04	9.01E-03	3.17E-04	1.74E-04	1.00E-02
2679	490360.04, 3859010.04	0.09814	0.43781	0.04342	0.06439	3.97E-04	1.31E-02	2.77E-04	2.03E-04	1.39E-02	3.61E-04	0.00E+00	3.69E-06	5.54E-06	3.70E-04	4.59E-04	1.31E-02	2.77E-04	2.03E-04	1.40E-02
2680	490410.04, 3859010.04	0.09894	0.42156	0.04367	0.06333	4.00E-04	1.26E-02	2.79E-04	2.00E-04	1.35E-02	3.64E-04	0.00E+00	3.71E-06	5.45E-06	3.73E-04	4.63E-04	1.26E-02	2.79E-04	2.00E-04	1.35E-02
2681	490460.04, 3859010.04	0.09975	0.40361	0.04392	0.06236	4.03E-04	1.20E-02	2.80E-04	1.97E-04	1.29E-02	3.67E-04	0.00E+00	3.74E-06	5.37E-06	3.76E-04	4.66E-04	1.20E-02	2.80E-04	1.97E-04	1.30E-02
2682	490510.04, 3859010.04	0.10047	0.38689	0.04421	0.06143	4.06E-04	1.15E-02	2.82E-04	1.94E-04	1.24E-02	3.69E-04	0.00E+00	3.76E-06	5.29E-06	3.78E-04	4.70E-04	1.15E-02	2.82E-04	1.94E-04	1.25E-02
2683	490560.04, 3859010.04	0.10101	0.37654	0.04448	0.06047	4.08E-04	1.12E-02	2.84E-04	1.91E-04	1.21E-02	3.71E-04	0.00E+00	3.78E-06	5.21E-06	3.80E-04	4.72E-04	1.12E-02	2.84E-04	1.91E-04	1.22E-02
2684	490610.04, 3859010.04	0.10159	0.36129	0.0448	0.05964	4.11E-04	1.08E-02	2.86E-04	1.88E-04	1.17E-02	3.73E-04	0.00E+00	3.81E-06	5.14E-06	3.82E-04	4.75E-04	1.08E-02	2.86E-04	1.88E-04	1.17E-02
2685	490660.04, 3859010.04	0.10202	0.35304	0.04504	0.05873	4.12E-04	1.05E-02	2.87E-04	1.85E-04	1.14E-02	3.75E-04	0.00E+00	3.83E-06	5.06E-06	3.84E-04	4.77E-04	1.05E-02	2.87E-04	1.85E-04	1.15E-02
2686	490710.04, 3859010.04	0.10245	0.33818	0.04539	0.05799	4.14E-04	1.01E-02	2.90E-04	1.83E-04	1.10E-02	3.77E-04	0.00E+00	3.86E-06	4.99E-06	3.86E-04	4.79E-04	1.01E-02	2.90E-04	1.83E-04	1.10E-02
2687	490760.04, 3859010.04	0.10275	0.32511	0.04576	0.05727	4.15E-04	9.70E-03	2.92E-04	1.81E-04	1.06E-02	3.78E-04	0.00E+00	3.89E-06	4.93E-06	3.87E-04	4.81E-04	9.70E-03	2.92E-04	1.81E-04	1.07E-02
2688	490810.04, 3859010.04	0.10297	0.31241	0.04618	0.05658	4.16E-04	9.32E-03	2.95E-04	1.79E-04	1.02E-02	3.79E-04	0.00E+00	3.93E-06	4.87E-06	3.87E-04	4.82E-04	9.32E-03	2.95E-04	1.79E-04	1.03E-02
2689	490860.04, 3859010.04	0.10312	0.30113	0.0466	0.05591	4.17E-04	8.98E-03	2.97E-04	1.77E-04	9.87E-03	3.79E-04	0.00E+00	3.96E-06	4.81E-06	3.88E-04	4.82E-04	8.98E-03	2.97E-04	1.77E-04	9.94E-03
2690	490360.04, 3859060.04	0.09426	0.44122	0.03998	0.06578	3.81E-04	1.32E-02	2.55E-04	2.08E-04	1.40E-02	3.47E-04	0.00E+00	3.40E-06	5.66E-06	3.56E-04	4.41E-04	1.32E-02	2.55E-04	2.08E-04	1.41E-02
2691	490410.04, 3859060.04	0.09511	0.4203	0.04024	0.06466	3.84E-04	1.25E-02	2.57E-04	2.04E-04	1.34E-02	3.50E-04	0.00E+00	3.42E-06	5.57E-06	3.59E-04	4.45E-04	1.25E-02	2.57E-04	2.04E-04	1.34E-02
2692	490460.04, 3859060.04	0.09582	0.40344	0.04055	0.06359	3.87E-04	1.20E-02	2.59E-04	2.01E-04	1.29E-02	3.52E-04	0.00E+00	3.45E-06	5.48E-06	3.61E-04	4.48E-04	1.20E-02	2.59E-04	2.01E-04	1.29E-02
2693	490510.04, 3859060.04	0.09647	0.38876	0.04088	0.06256	3.90E-04	1.16E-02	2.61E-04	1.98E-04	1.24E-02	3.55E-04	0.00E+00	3.48E-06	5.39E-06	3.64E-04	4.51E-04	1.16E-02	2.61E-04	1.98E-04	1.25E-02
2694	490560.04, 3859060.04	0.0971	0.37243	0.04125	0.06163	3.92E-04	1.11E-02	2.63E-04	1.95E-04	1.20E-02	3.57E-04	0.00E+00	3.51E-06	5.31E-06	3.66E-04	4.54E-04	1.11E-02	2.63E-04	1.95E-04	1.20E-02
2695	490610.04, 3859060.04	0.09763	0.36096	0.04159	0.06067	3.95E-04	1.08E-02	2.65E-04	1.92E-04	1.16E-02	3.59E-04	0.00E+00	3.54E-06	5.22E-06	3.68E-04	4.57E-04	1.08E-02	2.65E-04	1.92E-04	1.17E-02
2696	490660.04, 3859060.04	0.09812	0.35038	0.04192	0.05975	3.97E-04	1.05E-02	2.67E-04	1.89E-04	1.13E-02	3.61E-04	0.00E+00	3.57E-06	5.15E-06	3.69E-04	4.59E-04	1.05E-02	2.67E-04	1.89E-04	1.14E-02
2697	490710.04, 3859060.04	0.09855	0.33519	0.04235	0.05898	3.98E-04	1.00E-02	2.70E-04	1.86E-04	1.09E-02	3.62E-04	0.00E+00	3.60E-06	5.08E-06	3.71E-04	4.61E-04	1.00E-02	2.70E-04	1.86E-04	1.09E-02
2698	490760.04, 3859060.04	0.0989	0.32187	0.04279	0.05823	4.00E-04	9.60E-03	2.73E-04	1.84E-04	1.05E-02	3.64E-04	0.00E+00	3.64E-06	5.01E-06	3.72E-04	4.63E-04	9.60E-03	2.73E-04	1.84E-04	1.05E-02
2699	490810.04, 3859060.04	0.09919	0.30876	0.04326	0.05752	4.01E-04	9.21E-03	2.76E-04	1.82E-04	1.01E-02	3.65E-04	0.00E+00	3.68E-06	4.95E-06	3.73E-04	4.64E-04	9.21E-03	2.76E-04	1.82E-04	1.01E-02
2700	490860.04, 3859060.04	0.09918	0.29725	0.04373	0.05682	4.01E-04	8.87E-03	2.79E-04	1.79E-04	9.73E-03	3.65E-04	0.00E+00	3.72E-06	4.89E-06	3.73E-04	4.64E-04	8.87E-03	2.79E-04	1.79E-04	9.79E-03
2701	490360.04, 3859110.04	0.09053	0.44681	0.03694	0.067	3.66E-04	1.33E-02	2.36E-04	2.12E-04	1.41E-02	3.33E-04	0.00E+00	3.14E-06	5.77E-06	3.42E-04	4.23E-04	1.33E-02	2.36E-04	2.12E-04	1.42E-02
2702	490410.04, 3859110.04	0.09131	0.42509	0.03718	0.0658	3.69E-04	1.27E-02	2.37E-04	2.08E-04	1.35E-02	3.36E-04	0.00E+00	3.16E-06	5.67E-06	3.45E-04	4.27E-04	1.27E-02	2.37E-04	2.08E-04	1.36E-02
2703	490460.04, 3859110.04	0.09194	0.40954	0.03748	0.06463	3.72E-04	1.22E-02	2.39E-04	2.04E-04	1.30E-02	3.38E-04	0.00E+00	3.19E-06	5.57E-06	3.47E-04	4.30E-04	1.22E-02	2.39E-04	2.04E-04	1.31E-02
2704	490510.04, 3859110.04	0.09267	0.38662	0.03783	0.06365	3.75E-04	1.15E-02	2.41E-04	2.01E-04	1.24E-02	3.41E-04	0.00E+00	3.22E-06	5.48E-06	3.49E-04	4.33E-04	1.15E-02	2.41E-04	2.01E-04	1.24E-02
2705	490560.04, 3859110.04	0.09326	0.37167	0.03821	0.06264	3.77E-04	1.11E-02	2.44E-04	1.98E-04	1.19E-02	3.43E-04	0.00E+00	3.25E-06	5.39E-06	3.52E-04	4.36E-04	1.11E-02	2.44E-04	1.98E-04	1.20E-02
2706	490610.04, 3859110.04	0.09381	0.35619	0.03862	0.06172	3.79E-04	1.06E-02	2.46E-04	1.95E-04	1.14E-02	3.45E-04	0.00E+00	3.28E-06	5.31E-06	3.53E-04	4.39E-04	1.06E-02	2.46E-04	1.95E-04	1.15E-02
2707	490660.04, 3859110.04	0.09427	0.33997	0.03909	0.06088	3.81E-04	1.01E-02	2.49E-04	1.92E-04	1.10E-02	3.47E-04	0.00E+00	3.32E-06	5.24E-06	3.55E-04	4.41E-04	1.01E-02	2.49E-04	1.92E-04	1.10E-02
2708	490710.04, 3859110.04	0.09471	0.32943	0.0395	0.05998	3.83E-04	9.83E-03	2.52E-04	1.89E-04	1.07E-02	3.48E-04	0.00E+00	3.36E-06	5.16E-06	3.57E-04	4.43E-04	9.83E-03	2.52E-04	1.89E-04	1.07E-02
2709	490760.04, 3859110.04	0.0951	0.31699	0.03996	0.05918	3.84E-04	9.46E-03	2.55E-04	1.87E-04	1.03E-02	3.50E-04	0.00E+00	3.40E-06	5.10E-06	3.58E-04	4.45E-04	9.46E-03	2.55E-04	1.87E-04	1.03E-02
2710	490810.04, 3859110.04	0.09514	0.30317	0.04051	0.05846	3.85E-04	9.04E-03	2.58E-04	1.85E-04	9.87E-03	3.50E-04	0.00E+00	3.45E-06	5.03E-06	3.58E-04	4.45E-04	9.04E-03	2.58E-04	1.85E-04	9.93E-03

2711	490860.04, 3859110.04	0.09526	0.29029	0.04108	0.05777	3.85E-04	8.66E-03	2.62E-04	1.82E-04	9.49E-03	3.50E-04	0.00E+00	3.49E-06	4.97E-06	3.59E-04	4.45E-04	8.66E-03	2.62E-04	1.82E-04	9.55E-03
2712	490360.04, 3859160.04	0.08702	0.45353	0.03428	0.06809	3.52E-04	1.35E-02	2.19E-04	2.15E-04	1.43E-02	3.20E-04	0.00E+00	2.92E-06	5.86E-06	3.29E-04	4.07E-04	1.35E-02	2.19E-04	2.15E-04	1.44E-02
2713	490410.04, 3859160.04	0.08771	0.43189	0.03449	0.0668	3.55E-04	1.29E-02	2.20E-04	2.11E-04	1.37E-02	3.22E-04	0.00E+00	2.93E-06	5.75E-06	3.31E-04	4.10E-04	1.29E-02	2.20E-04	2.11E-04	1.37E-02
2714	490460.04, 3859160.04	0.08835	0.41289	0.03476	0.06559	3.57E-04	1.23E-02	2.22E-04	2.07E-04	1.31E-02	3.25E-04	0.00E+00	2.96E-06	5.65E-06	3.33E-04	4.13E-04	1.23E-02	2.22E-04	2.07E-04	1.32E-02
2715	490510.04, 3859160.04	0.08896	0.39437	0.03506	0.06449	3.60E-04	1.18E-02	2.24E-04	2.04E-04	1.26E-02	3.27E-04	0.00E+00	2.98E-06	5.55E-06	3.36E-04	4.16E-04	1.18E-02	2.24E-04	2.04E-04	1.26E-02
2716	490560.04, 3859160.04	0.08957	0.37383	0.03542	0.06352	3.62E-04	1.12E-02	2.26E-04	2.01E-04	1.19E-02	3.29E-04	0.00E+00	3.01E-06	5.47E-06	3.38E-04	4.19E-04	1.12E-02	2.26E-04	2.01E-04	1.20E-02
2717	490610.04, 3859160.04	0.0901	0.35963	0.03579	0.06251	3.64E-04	1.07E-02	2.28E-04	1.97E-04	1.15E-02	3.31E-04	0.00E+00	3.04E-06	5.38E-06	3.40E-04	4.21E-04	1.07E-02	2.28E-04	1.97E-04	1.16E-02
2718	490660.04, 3859160.04	0.09054	0.33542	0.03634	0.06183	3.66E-04	1.00E-02	2.32E-04	1.95E-04	1.08E-02	3.33E-04	0.00E+00	3.09E-06	5.32E-06	3.41E-04	4.23E-04	1.00E-02	2.32E-04	1.95E-04	1.09E-02
2719	490710.04, 3859160.04	0.09098	0.32411	0.03678	0.06091	3.68E-04	9.67E-03	2.35E-04	1.92E-04	1.05E-02	3.34E-04	0.00E+00	3.13E-06	5.24E-06	3.43E-04	4.25E-04	9.67E-03	2.35E-04	1.92E-04	1.05E-02
2720	490760.04, 3859160.04	0.09097	0.30707	0.03737	0.0602	3.68E-04	9.16E-03	2.38E-04	1.90E-04	9.96E-03	3.34E-04	0.00E+00	3.18E-06	5.18E-06	3.43E-04	4.25E-04	9.16E-03	2.38E-04	1.90E-04	1.00E-02
2721	490810.04, 3859160.04	0.09124	0.29675	0.03786	0.05936	3.69E-04	8.85E-03	2.41E-04	1.87E-04	9.65E-03	3.35E-04	0.00E+00	3.22E-06	5.11E-06	3.44E-04	4.27E-04	8.85E-03	2.41E-04	1.87E-04	9.71E-03
2722	490860.04, 3859160.04	0.09144	0.28603	0.03839	0.05856	3.70E-04	8.53E-03	2.45E-04	1.85E-04	9.33E-03	3.36E-04	0.00E+00	3.26E-06	5.04E-06	3.44E-04	4.28E-04	8.53E-03	2.45E-04	1.85E-04	9.39E-03
2723	490360.04, 3859210.04	0.08379	0.45962	0.03195	0.06905	3.39E-04	1.37E-02	2.04E-04	2.18E-04	1.45E-02	3.08E-04	0.00E+00	2.72E-06	5.95E-06	3.17E-04	3.92E-04	1.37E-02	2.04E-04	2.18E-04	1.45E-02
2724	490410.04, 3859210.04	0.08427	0.44397	0.03217	0.06764	3.41E-04	1.32E-02	2.05E-04	2.14E-04	1.40E-02	3.10E-04	0.00E+00	2.74E-06	5.82E-06	3.18E-04	3.94E-04	1.32E-02	2.05E-04	2.14E-04	1.41E-02
2725	490460.04, 3859210.04	0.08499	0.41656	0.03237	0.06643	3.44E-04	1.24E-02	2.06E-04	2.10E-04	1.32E-02	3.12E-04	0.00E+00	2.75E-06	5.72E-06	3.21E-04	3.97E-04	1.24E-02	2.06E-04	2.10E-04	1.32E-02
2726	490510.04, 3859210.04	0.08556	0.39663	0.03264	0.06529	3.46E-04	1.18E-02	2.08E-04	2.06E-04	1.26E-02	3.15E-04	0.00E+00	2.78E-06	5.62E-06	3.23E-04	4.00E-04	1.18E-02	2.08E-04	2.06E-04	1.26E-02
2727	490560.04, 3859210.04	0.08606	0.38194	0.03293	0.06416	3.48E-04	1.14E-02	2.10E-04	2.03E-04	1.22E-02	3.16E-04	0.00E+00	2.80E-06	5.52E-06	3.25E-04	4.02E-04	1.14E-02	2.10E-04	2.03E-04	1.22E-02
2728	490610.04, 3859210.04	0.08658	0.36394	0.03326	0.06318	3.50E-04	1.09E-02	2.12E-04	1.99E-04	1.16E-02	3.18E-04	0.00E+00	2.83E-06	5.44E-06	3.27E-04	4.05E-04	1.09E-02	2.12E-04	1.99E-04	1.17E-02
2729	490660.04, 3859210.04	0.08702	0.34063	0.0337	0.06241	3.52E-04	1.02E-02	2.15E-04	1.97E-04	1.09E-02	3.20E-04	0.00E+00	2.87E-06	5.37E-06	3.28E-04	4.07E-04	1.02E-02	2.15E-04	1.97E-04	1.10E-02
2730	490710.04, 3859210.04	0.08745	0.32678	0.0341	0.06148	3.53E-04	9.75E-03	2.18E-04	1.94E-04	1.05E-02	3.22E-04	0.00E+00	2.90E-06	5.29E-06	3.30E-04	4.09E-04	9.75E-03	2.18E-04	1.94E-04	1.06E-02
2731	490760.04, 3859210.04	0.08743	0.30872	0.03467	0.06081	3.53E-04	9.21E-03	2.21E-04	1.92E-04	9.98E-03	3.21E-04	0.00E+00	2.95E-06	5.24E-06	3.30E-04	4.09E-04	9.21E-03	2.21E-04	1.92E-04	1.00E-02
2732	490810.04, 3859210.04	0.08785	0.30302	0.03502	0.05978	3.55E-04	9.04E-03	2.23E-04	1.89E-04	9.81E-03	3.23E-04	0.00E+00	2.98E-06	5.15E-06	3.31E-04	4.11E-04	9.04E-03	2.23E-04	1.89E-04	9.86E-03
2733	490860.04, 3859210.04	0.08826	0.29687	0.03538	0.0588	3.57E-04	8.86E-03	2.26E-04	1.86E-04	9.62E-03	3.24E-04	0.00E+00	3.01E-06	5.06E-06	3.33E-04	4.13E-04	8.86E-03	2.26E-04	1.86E-04	9.68E-03
2734	490360.04, 3859260.04	0.08092	0.46227	0.02988	0.06992	3.27E-04	1.38E-02	1.91E-04	2.21E-04	1.45E-02	2.98E-04	0.00E+00	2.54E-06	6.02E-06	3.06E-04	3.78E-04	1.38E-02	1.91E-04	2.21E-04	1.46E-02
2735	490410.04, 3859260.04	0.08135	0.44425	0.03008	0.06845	3.29E-04	1.33E-02	1.92E-04	2.16E-04	1.40E-02	2.99E-04	0.00E+00	2.56E-06	5.89E-06	3.08E-04	3.80E-04	1.33E-02	1.92E-04	2.16E-04	1.40E-02
2736	490460.04, 3859260.04	0.08176	0.42929	0.0303	0.06705	3.30E-04	1.28E-02	1.93E-04	2.12E-04	1.35E-02	3.01E-04	0.00E+00	2.58E-06	5.77E-06	3.09E-04	3.82E-04	1.28E-02	1.93E-04	2.12E-04	1.36E-02
2737	490510.04, 3859260.04	0.08218	0.41449	0.03051	0.06572	3.32E-04	1.24E-02	1.95E-04	2.08E-04	1.31E-02	3.02E-04	0.00E+00	2.59E-06	5.66E-06	3.10E-04	3.84E-04	1.24E-02	1.95E-04	2.08E-04	1.32E-02
2738	490560.04, 3859260.04	0.08272	0.39539	0.03074	0.06457	3.34E-04	1.18E-02	1.96E-04	2.04E-04	1.25E-02	3.04E-04	0.00E+00	2.61E-06	5.56E-06	3.12E-04	3.87E-04	1.18E-02	1.96E-04	2.04E-04	1.26E-02
2739	490610.04, 3859260.04	0.08327	0.37148	0.03104	0.06363	3.37E-04	1.11E-02	1.98E-04	2.01E-04	1.18E-02	3.06E-04	0.00E+00	2.64E-06	5.48E-06	3.14E-04	3.89E-04	1.11E-02	1.98E-04	2.01E-04	1.19E-02
2740	490660.04, 3859260.04	0.0837	0.36305	0.03128	0.06245	3.38E-04	1.08E-02	2.00E-04	1.97E-04	1.16E-02	3.08E-04	0.00E+00	2.66E-06	5.38E-06	3.16E-04	3.91E-04	1.08E-02	2.00E-04	1.97E-04	1.16E-02
2741	490710.04, 3859260.04	0.08416	0.34925	0.03157	0.06143	3.40E-04	1.04E-02	2.01E-04	1.94E-04	1.12E-02	3.09E-04	0.00E+00	2.68E-06	5.29E-06	3.17E-04	3.94E-04	1.04E-02	2.01E-04	1.94E-04	1.12E-02
2742	490760.04, 3859260.04	0.08456	0.32834	0.03199	0.06075	3.42E-04	9.80E-03	2.04E-04	1.92E-04	1.05E-02	3.11E-04	0.00E+00	2.72E-06	5.23E-06	3.19E-04	3.95E-04	9.80E-03	2.04E-04	1.92E-04	1.06E-02
2743	490810.04, 3859260.04	0.085	0.31999	0.03231	0.05975	3.44E-04	9.55E-03	2.06E-04	1.89E-04	1.03E-02	3.13E-04	0.00E+00	2.75E-06	5.15E-06	3.20E-04	3.98E-04	9.55E-03	2.06E-04	1.89E-04	1.03E-02
2744	490860.04, 3859260.04	0.08543	0.3118	0.03265	0.05879	3.45E-04	9.30E-03	2.08E-04	1.86E-04	1.00E-02	3.14E-04	0.00E+00	2.78E-06	5.06E-06	3.22E-04	4.00E-04	9.30E-03	2.08E-04	1.86E-04	1.01E-02
2745	490360.04, 3859310.04	0.0781	0.47194	0.02808	0.07067	3.16E-04	1.41E-02	1.79E-04	2.23E-04	1.48E-02	2.87E-04	0.00E+00	2.39E-06	6.09E-06	2.96E-04	3.65E-04	1.41E-02	1.79E-04	2.23E-04	1.48E-02
2746	490410.04, 3859310.04	0.07848	0.45352	0.02826	0.06909	3.17E-04	1.35E-02	1.80E-04	2.18E-04	1.42E-02	2.89E-04	0.00E+00	2.40E-06	5.95E-06	2.97E-04	3.67E-04	1.35E-02	1.80E-04	2.18E-04	1.43E-02
2747	490460.04, 3859310.04	0.07884	0.43717	0.02846	0.06761	3.19E-04	1.30E-02	1.82E-04	2.13E-04	1.38E-02	2.90E-04	0.00E+00	2.42E-06	5.82E-06	2.98E-04	3.69E-04	1.30E-02	1.82E-04	2.13E-04	1.38E-02
2748	490510.04, 3859310.04	0.07918	0.42397	0.02866	0.06619	3.20E-04	1.26E-02	1.83E-04	2.09E-04	1.34E-02	2.91E-04	0.00E+00	2.44E-06	5.70E-06	2.99E-04	3.70E-04	1.26E-02	1.83E-04	2.09E-04	1.34E-02
2749	490560.04, 3859310.04	0.07958	0.41008	0.02886	0.06486	3.22E-04	1.22E-02	1.84E-04	2.05E-04	1.29E-02	2.93E-04	0.00E+00	2.45E-06	5.59E-06	3.01E-04	3.72E-04	1.22E-02	1.84E-04	2.05E-04	1.30E-02
2750	490610.04, 3859310.04	0.07998	0.39804	0.02906	0.06359	3.23E-04	1.19E-02	1.85E-04	2.01E-04	1.26E-02	2.94E-04	0.00E+00	2.47E-06	5.48E-06	3.02E-04	3.74E-04	1.19E-02	1.85E-04	2.01E-04	1.26E-02
2751	490660.04, 3859310.04	0.08044	0.38344	0.02927	0.06244	3.25E-04	1.14E-02	1.87E-04	1.97E-04	1.21E-02	2.96E-04	0.00E+00	2.49E-06	5.38E-06	3.04E-04	3.76E-04	1.14E-02	1.87E-04	1.97E-04	1.22E-02
2752	490710.04, 3859310.04	0.08098	0.36051	0.02953	0.06159	3.27E-04	1.08E-02	1.88E-04	1.94E-04	1.15E-02	2.98E-04	0.00E+00	2.51E-06	5.30E-06	3.06E-04	3.79E-04	1.08E-02	1.88E-04	1.94E-04	1.15E-02
2753	490760.04, 3859310.04	0.08142	0.34607	0.02979	0.06064	3.29E-04	1.03E-02	1.90E-04	1.91E-04	1.10E-02	2.99E-04	0.00E+00	2.53E-06	5.22E-06	3.07E-04	3.81E-04	1.03E-02	1.90E-04	1.91E-04	1.11E-02
2754	490810.04, 3859310.04	0.08184	0.33646	0.03004	0.05962	3.31E-04	1.00E-02	1.92E-04	1.88E-04	1.07E-02	3.01E-04	0.00E+00	2.55E-06	5.13E-06	3.09E-04	3.83E-04	1.00E-02	1.92E-04	1.88E-04	1.08E-02
2755	490860.04, 3859310.04	0.08226	0.32378	0.03035	0.05875	3.33E-04	9.66E-03	1.94E-04	1.85E-04	1.04E-02	3.02E-04	0.00E+00	2.58E-06	5.06E-06	3.10E-04	3.85E-04	9.66E-03	1.94E-04	1.85E-04	1.04E-02
2756	490360.04, 3859360.04	0.07549	0.48144	0.02648	0.07134	3.05E-04	1.44E-02	1.69E-04	2.25E-04	1.51E-02	2.78E-04	0.00E+00	2.25E-06	6.14E-06	2.86E-04	3.53E-04	1.44E-02	1.69E-04	2.25E-04	1.51E-02
2757	490410.04, 3859360.04	0.07573	0.46635	0.02668	0.06963	3.06E-04	1.39E-02	1.70E-04	2.20E-04	1.46E-02	2.78E-04	0.00E+00	2.27E-06	6.00E-06	2.87E-04	3.54E-04	1.39E-02	1.70E-04	2.20E-04	1.47E-02
2758	490460.04, 3859360.04	0.07598	0.4525	0.02687	0.06801	3.07E-04	1.35E-02	1.71E-04	2.15E-04	1.42E-02	2.79E-04	0.00E+00	2.29E-06	5.86E-06	2.87E-04	3.55E-04	1.35E-02	1.71E-04	2.15E-04	1.42E-02
2759	490510.04, 3859360.04	0.07628	0.43873	0.02705	0.06649	3.08E-04	1.31E-02	1.73E-04	2.10E-04	1.38E-02	2.80E-04	0.00E+00	2.30E-06	5.73E-06	2.88E-04	3.57E-04	1.31E-02	1.73E-04	2.10E-04	1.38E-02
2760	490560.04, 3859360.04	0.07668	0.42209	0.02721	0.0651	3.10E-04	1.26E-02	1.74E-04	2.06E-04	1.33E-02	2.82E-04	0.00E+00	2.31E-06	5.61E-06	2.90E-04	3.59E-04	1.26E-02	1.74E-04	2.06E-04	1.33E-02
2761	490610.04, 3859360.04	0.07709	0.40643	0.02739	0.06381	3.12E-04	1.21E-02	1.75E-04	2.01E-04	1.28E-02	2.83E-04	0.00E+00	2.33E-06	5.49E-06	2.91E-04	3.61E-04	1.21E-02	1.75E-04	2.01E-04	1.29E-02
2762	490660.04, 3859360.04	0.07748	0.39307	0.02756	0.06258	3.13E-04	1.17E-02	1.76E-04	1.98E-04	1.24E-02	2.85E-04	0.00E+00	2.34E-06	5.39E-06	2.93E-04	3.62E-04	1.17E-02	1.76E-04	1.98E-04	1.25E-02
2763	490710.04, 3859360.04	0.07794	0.37607	0.02775	0.06152	3.15E-04	1.12E-02	1.77E-04	1.94E-04	1.19E-02	2.87E-04	0.00E+00	2.36E-06	5.30E-06	2.94E-04	3.64E-04	1.12E-02	1.77E-04	1.94E-04	1.20E-02
2764	490760.04, 3859360.04	0.0784	0.35863	0.02797	0.06057	3.17E-04	1.07E-02	1.78E-04	1.91E-04	1.14E-02	2.88E-04	0.00E+00	2.38E-06	5.22E-06	2.96E-04	3.67E-04	1.07E-02	1.78E-04	1.91E-04	1.14E-02
2765	490810.04, 3859360.04	0.07879	0.35145	0.02815	0.05943	3.18E-04	1.05E-02	1.80E-04	1.88E-04	1.12E-02	2.90E-04	0.00E+00	2.39E-06	5.12E-06	2.97E-04	3.68E-04	1.05E-02	1.80E-04	1.88E-04	1.12E-02
2766	490860.04, 3859360.04	0.07922	0.33968	0.02837	0.05847	3.20E-04	1.01E-02	1.81E-04	1.85E-04	1.08E-02	2.91E-04	0.00E+00	2.41E-06	5.03E-06	2.99E-04	3.70E-04	1.01E-02	1.81E-04	1.85E-04	1.09E-02
2767	490360.04, 3859410.04	0.07306	0.48991	0.02506	0.07192	2.95E-04	1.46E-02	1.60E-04	2.27E-04	1.53E-02	2.69E-04	0.00E+00	2.13E-06	6.19E-06	2.77E-04	3.42E-04	1.46E-02	1.60E-04	2.27E-04	1.53E-02
2768	490410.04, 3859410.04	0.07321	0.47591	0.02527	0.07009	2.96E-04	1.42E-02	1.61E-04	2.21E-04	1.49E-02	2.69E-04	0.00E+00	2.15E-06	6.04E-06	2.77E-04	3.42E-04	1.42E-02	1.61E-04	2.21E-04	1.49E-02
2769	490460.04, 3859410.04	0.07341	0.46218	0.02545	0.06837	2.97E-04	1.38E-02	1.62E-04	2.16E-04	1.45E-02	2.70E-04	0.00E+00	2.16E-06	5.89E-06	2.78E-04	3.43E-04	1.38E-02	1.62E-04	2.16E-04	1.45E-02

2770	490510.04, 3859410.04	0.07366	0.44839	0.02561	0.06676	2.98E-04	1.34E-02	1.63E-04	2.11E-04	1.40E-02	2.71E-04	0.00E+00	2.18E-06	5.75E-06	2.79E-04	3.44E-04	1.34E-02	1.63E-04	2.11E-04	1.41E-02
2771	490560.04, 3859410.04	0.07394	0.43497	0.02577	0.06525	2.99E-04	1.30E-02	1.64E-04	2.06E-04	1.36E-02	2.72E-04	0.00E+00	2.19E-06	5.62E-06	2.80E-04	3.46E-04	1.30E-02	1.64E-04	2.06E-04	1.37E-02
2772	490610.04, 3859410.04	0.07425	0.42162	0.02593	0.06383	3.00E-04	1.26E-02	1.65E-04	2.02E-04	1.32E-02	2.73E-04	0.00E+00	2.21E-06	5.50E-06	2.81E-04	3.47E-04	1.26E-02	1.65E-04	2.02E-04	1.33E-02
2773	490660.04, 3859410.04	0.07468	0.40414	0.02607	0.06257	3.02E-04	1.21E-02	1.66E-04	1.98E-04	1.27E-02	2.75E-04	0.00E+00	2.22E-06	5.39E-06	2.82E-04	3.49E-04	1.21E-02	1.66E-04	1.98E-04	1.28E-02
2774	490710.04, 3859410.04	0.07508	0.38918	0.02622	0.06137	3.03E-04	1.16E-02	1.67E-04	1.94E-04	1.23E-02	2.76E-04	0.00E+00	2.23E-06	5.28E-06	2.84E-04	3.51E-04	1.16E-02	1.67E-04	1.94E-04	1.23E-02
2775	490760.04, 3859410.04	0.07553	0.37109	0.02639	0.06035	3.05E-04	1.11E-02	1.68E-04	1.91E-04	1.17E-02	2.78E-04	0.00E+00	2.24E-06	5.20E-06	2.85E-04	3.53E-04	1.11E-02	1.68E-04	1.91E-04	1.18E-02
2776	490810.04, 3859410.04	0.07589	0.36254	0.02655	0.0592	3.07E-04	1.08E-02	1.69E-04	1.87E-04	1.15E-02	2.79E-04	0.00E+00	2.26E-06	5.10E-06	2.86E-04	3.55E-04	1.08E-02	1.69E-04	1.87E-04	1.15E-02
2777	490860.04, 3859410.04	0.07624	0.35652	0.02671	0.05803	3.08E-04	1.06E-02	1.70E-04	1.83E-04	1.13E-02	2.80E-04	0.00E+00	2.27E-06	5.00E-06	2.88E-04	3.57E-04	1.06E-02	1.70E-04	1.83E-04	1.13E-02
2778	490360.04, 3859460.04	0.07086	0.49541	0.02372	0.07232	2.86E-04	1.48E-02	1.51E-04	2.28E-04	1.54E-02	2.61E-04	0.00E+00	2.02E-06	6.23E-06	2.69E-04	3.31E-04	1.48E-02	1.51E-04	2.28E-04	1.55E-02
2779	490410.04, 3859460.04	0.07099	0.48102	0.02395	0.07038	2.87E-04	1.44E-02	1.53E-04	2.22E-04	1.50E-02	2.61E-04	0.00E+00	2.04E-06	6.06E-06	2.69E-04	3.32E-04	1.44E-02	1.53E-04	2.22E-04	1.51E-02
2780	490460.04, 3859460.04	0.07112	0.46806	0.02414	0.06858	2.87E-04	1.40E-02	1.54E-04	2.17E-04	1.46E-02	2.61E-04	0.00E+00	2.05E-06	5.91E-06	2.69E-04	3.33E-04	1.40E-02	1.54E-04	2.17E-04	1.47E-02
2781	490510.04, 3859460.04	0.07129	0.45499	0.0243	0.06688	2.88E-04	1.36E-02	1.55E-04	2.11E-04	1.42E-02	2.62E-04	0.00E+00	2.07E-06	5.76E-06	2.70E-04	3.33E-04	1.36E-02	1.55E-04	2.11E-04	1.43E-02
2782	490560.04, 3859460.04	0.07149	0.44256	0.02446	0.06528	2.89E-04	1.32E-02	1.56E-04	2.06E-04	1.39E-02	2.63E-04	0.00E+00	2.08E-06	5.62E-06	2.71E-04	3.34E-04	1.32E-02	1.56E-04	2.06E-04	1.39E-02
2783	490610.04, 3859460.04	0.07177	0.42881	0.0246	0.06378	2.90E-04	1.28E-02	1.57E-04	2.01E-04	1.34E-02	2.64E-04	0.00E+00	2.09E-06	5.49E-06	2.71E-04	3.36E-04	1.28E-02	1.57E-04	2.01E-04	1.35E-02
2784	490660.04, 3859460.04	0.0721	0.4145	0.02473	0.0624	2.91E-04	1.24E-02	1.58E-04	1.97E-04	1.30E-02	2.65E-04	0.00E+00	2.10E-06	5.37E-06	2.73E-04	3.37E-04	1.24E-02	1.58E-04	1.97E-04	1.31E-02
2785	490710.04, 3859460.04	0.07238	0.40265	0.02488	0.06106	2.93E-04	1.20E-02	1.59E-04	1.93E-04	1.27E-02	2.66E-04	0.00E+00	2.12E-06	5.26E-06	2.73E-04	3.38E-04	1.20E-02	1.59E-04	1.93E-04	1.27E-02
2786	490760.04, 3859460.04	0.07276	0.38893	0.02501	0.05986	2.94E-04	1.16E-02	1.60E-04	1.89E-04	1.22E-02	2.68E-04	0.00E+00	2.13E-06	5.15E-06	2.75E-04	3.40E-04	1.16E-02	1.60E-04	1.89E-04	1.23E-02
2787	490810.04, 3859460.04	0.07313	0.37604	0.02515	0.05872	2.96E-04	1.12E-02	1.60E-04	1.85E-04	1.19E-02	2.69E-04	0.00E+00	2.14E-06	5.06E-06	2.76E-04	3.42E-04	1.12E-02	1.60E-04	1.85E-04	1.19E-02
2788	490860.04, 3859460.04	0.07345	0.36823	0.02529	0.05753	2.97E-04	1.10E-02	1.61E-04	1.82E-04	1.16E-02	2.70E-04	0.00E+00	2.15E-06	4.95E-06	2.77E-04	3.43E-04	1.10E-02	1.61E-04	1.82E-04	1.17E-02
2789	490360.04, 3859510.04	0.06889	0.49871	0.02226	0.07243	2.78E-04	1.49E-02	1.42E-04	2.29E-04	1.55E-02	2.53E-04	0.00E+00	1.89E-06	6.24E-06	2.61E-04	3.22E-04	1.49E-02	1.42E-04	2.29E-04	1.56E-02
2790	490410.04, 3859510.04	0.0689	0.48621	0.02264	0.07042	2.79E-04	1.45E-02	1.44E-04	2.22E-04	1.52E-02	2.53E-04	0.00E+00	1.93E-06	6.06E-06	2.61E-04	3.22E-04	1.45E-02	1.44E-04	2.22E-04	1.52E-02
2791	490460.04, 3859510.04	0.06899	0.47314	0.02295	0.06852	2.79E-04	1.41E-02	1.46E-04	2.16E-04	1.48E-02	2.54E-04	0.00E+00	1.95E-06	5.90E-06	2.61E-04	3.23E-04	1.41E-02	1.46E-04	2.16E-04	1.48E-02
2792	490510.04, 3859510.04	0.0691	0.46073	0.02313	0.06674	2.79E-04	1.37E-02	1.48E-04	2.11E-04	1.44E-02	2.54E-04	0.00E+00	1.97E-06	5.75E-06	2.62E-04	3.23E-04	1.37E-02	1.48E-04	2.11E-04	1.44E-02
2793	490560.04, 3859510.04	0.06925	0.44842	0.02328	0.06506	2.80E-04	1.34E-02	1.48E-04	2.05E-04	1.40E-02	2.55E-04	0.00E+00	1.98E-06	5.60E-06	2.62E-04	3.24E-04	1.34E-02	1.48E-04	2.05E-04	1.41E-02
2794	490610.04, 3859510.04	0.06947	0.43551	0.0234	0.06349	2.81E-04	1.30E-02	1.49E-04	2.00E-04	1.36E-02	2.55E-04	0.00E+00	1.99E-06	5.47E-06	2.63E-04	3.25E-04	1.30E-02	1.49E-04	2.00E-04	1.37E-02
2795	490660.04, 3859510.04	0.06971	0.42276	0.02353	0.06201	2.82E-04	1.26E-02	1.50E-04	1.96E-04	1.32E-02	2.56E-04	0.00E+00	2.00E-06	5.34E-06	2.64E-04	3.26E-04	1.26E-02	1.50E-04	1.96E-04	1.33E-02
2796	490710.04, 3859510.04	0.06998	0.40986	0.02366	0.06063	2.83E-04	1.22E-02	1.51E-04	1.91E-04	1.29E-02	2.57E-04	0.00E+00	2.01E-06	5.22E-06	2.65E-04	3.27E-04	1.22E-02	1.51E-04	1.91E-04	1.29E-02
2797	490760.04, 3859510.04	0.07027	0.39768	0.0238	0.05933	2.84E-04	1.19E-02	1.52E-04	1.87E-04	1.25E-02	2.58E-04	0.00E+00	2.02E-06	5.11E-06	2.65E-04	3.29E-04	1.19E-02	1.52E-04	1.87E-04	1.25E-02
2798	490810.04, 3859510.04	0.07055	0.38742	0.02393	0.05808	2.85E-04	1.16E-02	1.53E-04	1.83E-04	1.22E-02	2.59E-04	0.00E+00	2.04E-06	5.00E-06	2.66E-04	3.30E-04	1.16E-02	1.53E-04	1.83E-04	1.22E-02
2799	490860.04, 3859510.04	0.07087	0.37631	0.02405	0.05692	2.86E-04	1.12E-02	1.53E-04	1.80E-04	1.18E-02	2.61E-04	0.00E+00	2.05E-06	4.90E-06	2.68E-04	3.31E-04	1.12E-02	1.53E-04	1.80E-04	1.19E-02
2800	490360.04, 3859560.04	0.06708	0.50103	0.02091	0.07218	2.71E-04	1.49E-02	1.33E-04	2.28E-04	1.56E-02	2.47E-04	0.00E+00	1.78E-06	6.22E-06	2.55E-04	3.14E-04	1.49E-02	1.33E-04	2.28E-04	1.56E-02
2801	490410.04, 3859560.04	0.06702	0.48914	0.02125	0.07011	2.71E-04	1.46E-02	1.36E-04	2.21E-04	1.52E-02	2.46E-04	0.00E+00	1.81E-06	6.04E-06	2.54E-04	3.13E-04	1.46E-02	1.36E-04	2.21E-04	1.53E-02
2802	490460.04, 3859560.04	0.06702	0.47718	0.02162	0.06815	2.71E-04	1.42E-02	1.38E-04	2.15E-04	1.49E-02	2.46E-04	0.00E+00	1.84E-06	5.87E-06	2.54E-04	3.13E-04	1.42E-02	1.38E-04	2.15E-04	1.49E-02
2803	490510.04, 3859560.04	0.06713	0.46436	0.02199	0.06628	2.71E-04	1.39E-02	1.40E-04	2.09E-04	1.45E-02	2.47E-04	0.00E+00	1.87E-06	5.71E-06	2.54E-04	3.14E-04	1.39E-02	1.40E-04	2.09E-04	1.45E-02
2804	490560.04, 3859560.04	0.06718	0.4533	0.02222	0.06456	2.72E-04	1.35E-02	1.42E-04	2.04E-04	1.41E-02	2.47E-04	0.00E+00	1.89E-06	5.56E-06	2.54E-04	3.14E-04	1.35E-02	1.42E-04	2.04E-04	1.42E-02
2805	490610.04, 3859560.04	0.06734	0.44109	0.02234	0.06293	2.72E-04	1.32E-02	1.42E-04	1.99E-04	1.38E-02	2.48E-04	0.00E+00	1.90E-06	5.42E-06	2.55E-04	3.15E-04	1.32E-02	1.42E-04	1.99E-04	1.38E-02
2806	490660.04, 3859560.04	0.06751	0.42919	0.02246	0.06139	2.73E-04	1.28E-02	1.43E-04	1.94E-04	1.34E-02	2.48E-04	0.00E+00	1.91E-06	5.29E-06	2.55E-04	3.16E-04	1.28E-02	1.43E-04	1.94E-04	1.35E-02
2807	490710.04, 3859560.04	0.06774	0.41689	0.02257	0.05995	2.74E-04	1.24E-02	1.44E-04	1.89E-04	1.30E-02	2.49E-04	0.00E+00	1.92E-06	5.16E-06	2.56E-04	3.17E-04	1.24E-02	1.44E-04	1.89E-04	1.31E-02
2808	490760.04, 3859560.04	0.06802	0.40339	0.02267	0.05862	2.75E-04	1.20E-02	1.45E-04	1.85E-04	1.26E-02	2.50E-04	0.00E+00	1.93E-06	5.05E-06	2.57E-04	3.18E-04	1.20E-02	1.45E-04	1.85E-04	1.27E-02
2809	490810.04, 3859560.04	0.06828	0.39191	0.0228	0.05736	2.76E-04	1.17E-02	1.45E-04	1.81E-04	1.23E-02	2.51E-04	0.00E+00	1.94E-06	4.94E-06	2.58E-04	3.19E-04	1.17E-02	1.45E-04	1.81E-04	1.23E-02
2810	490860.04, 3859560.04	0.06856	0.38033	0.02292	0.05617	2.77E-04	1.13E-02	1.46E-04	1.77E-04	1.19E-02	2.52E-04	0.00E+00	1.95E-06	4.84E-06	2.59E-04	3.21E-04	1.13E-02	1.46E-04	1.77E-04	1.20E-02
2811	490187.25, 3859422.08	0.07238	0.54241	0.02351	0.07941	2.93E-04	1.62E-02	1.50E-04	2.51E-04	1.69E-02	2.66E-04	0.00E+00	2.00E-06	6.84E-06	2.75E-04	3.38E-04	1.62E-02	1.50E-04	2.51E-04	1.69E-02
2812	490237.25, 3859422.08	0.07235	0.52721	0.02395	0.07711	2.92E-04	1.57E-02	1.53E-04	2.43E-04	1.64E-02	2.66E-04	0.00E+00	2.04E-06	6.64E-06	2.75E-04	3.38E-04	1.57E-02	1.53E-04	2.43E-04	1.65E-02
2813	490287.25, 3859422.08	0.07237	0.51257	0.02435	0.07495	2.93E-04	1.53E-02	1.55E-04	2.37E-04	1.60E-02	2.66E-04	0.00E+00	2.07E-06	6.45E-06	2.75E-04	3.38E-04	1.53E-02	1.55E-04	2.37E-04	1.60E-02
2814	490337.25, 3859422.08	0.07248	0.49738	0.02463	0.07291	2.93E-04	1.48E-02	1.57E-04	2.30E-04	1.55E-02	2.66E-04	0.00E+00	2.09E-06	6.28E-06	2.75E-04	3.39E-04	1.48E-02	1.57E-04	2.30E-04	1.56E-02
2815	490187.25, 3859472.08	0.07056	0.54369	0.02203	0.08009	2.85E-04	1.62E-02	1.41E-04	2.53E-04	1.69E-02	2.59E-04	0.00E+00	1.87E-06	6.90E-06	2.68E-04	3.30E-04	1.62E-02	1.41E-04	2.53E-04	1.69E-02
2816	490237.25, 3859472.08	0.07043	0.52969	0.0224	0.07769	2.85E-04	1.58E-02	1.43E-04	2.45E-04	1.65E-02	2.59E-04	0.00E+00	1.91E-06	6.69E-06	2.68E-04	3.29E-04	1.58E-02	1.43E-04	2.45E-04	1.65E-02
2817	490287.25, 3859472.08	0.07042	0.51497	0.02285	0.0754	2.85E-04	1.54E-02	1.46E-04	2.38E-04	1.60E-02	2.59E-04	0.00E+00	1.94E-06	6.49E-06	2.67E-04	3.29E-04	1.54E-02	1.46E-04	2.38E-04	1.61E-02
2818	490337.25, 3859472.08	0.07037	0.50213	0.02322	0.0733	2.84E-04	1.50E-02	1.48E-04	2.31E-04	1.56E-02	2.59E-04	0.00E+00	1.97E-06	6.31E-06	2.67E-04	3.29E-04	1.50E-02	1.48E-04	2.31E-04	1.57E-02
2819	490297.07, 3859500.42	0.06933	0.51398	0.02208	0.0751	2.80E-04	1.53E-02	1.41E-04	2.37E-04	1.60E-02	2.55E-04	0.00E+00	1.88E-06	6.47E-06	2.63E-04	3.24E-04	1.53E-02	1.41E-04	2.37E-04	1.60E-02
2820	490327.07, 3859500.42	0.06924	0.50711	0.02226	0.07383	2.80E-04	1.51E-02	1.42E-04	2.33E-04	1.58E-02	2.55E-04	0.00E+00	1.89E-06	6.36E-06	2.63E-04	3.24E-04	1.51E-02	1.42E-04	2.33E-04	1.58E-02
2821	490297.07, 3859530.42	0.0682	0.51605	0.02122	0.07514	2.76E-04	1.54E-02	1.35E-04	2.37E-04	1.60E-02	2.51E-04	0.00E+00	1.80E-06	6.47E-06	2.59E-04	3.19E-04	1.54E-02	1.35E-04	2.37E-04	1.61E-02
2822	490327.07, 3859530.42	0.06815	0.50831	0.02144	0.0738	2.75E-04	1.52E-02	1.37E-04	2.33E-04	1.58E-02	2.51E-04	0.00E+00	1.82E-06	6.35E-06	2.59E-04	3.19E-04	1.52E-02	1.37E-04	2.33E-04	1.59E-02
2823	490319.73, 3859055.34	0.09388	0.4582	0.04013	0.06662	3.79E-04	1.37E-02	2.56E-04	2.10E-04	1.45E-02	3.45E-04	0.00E+00	3.41E-06	5.74E-06	3.54E-04	4.39E-04	1.37E-02	2.56E-04	2.10E-04	1.46E-02
2824	490319.73, 3859105.34	0.09023	0.46299	0.03704	0.06795	3.65E-04	1.38E-02	2.36E-04	2.15E-04	1.46E-02	3.32E-04	0.00E+00	3.15E-06	5.85E-06	3.41E-04	4.22E-04	1.38E-02	2.36E-04	2.15E-04	1.47E-02
2825	490069.73, 3859155.34	0.08486	0.55082	0.033	0.07744	3.43E-04	1.64E-02	2.10E-04	2.45E-04	1.72E-02	3.12E-04	0.00E+00	2.81E-06	6.67E-06	3.21E-04	3.97E-04	1.64E-02	2.10E-04	2.45E-04	1.73E-02
2826	490119.73, 3859155.34	0.08506	0.53524	0.03334	0.07562	3.44E-04	1.60E-02	2.13E-04	2.39E-04	1.68E-02	3.13E-04	0.00E+00	2.84E-06	6.51E-06	3.22E-04	3.98E-04	1.60E-02	2.13E-04	2.39E-04	1.68E-02
2827	490269.73, 3859155.34	0.0861	0.49014	0.03421	0.07064	3.48E-04	1.46E-02	2.18E-04	2.23E-04	1.54E-02	3.17E-04	0.00E+00	2.91E-06	6.08E-06	3.26E-04	4.03E-04	1.46E-02	2.18E-04	2.23E-04	1.55E-02
2828	490319.73, 3859155.34	0.08676	0.47024	0.03437	0.06912	3.51E-04	1.40E-02	2.19E-04	2.18E-04	1.48E-02	3.19E-04	0.00E+00	2.92E-06	5.95E-06	3.28E-04	4.06E-04	1.40E-02	2.19E-04	2.18E-04	1.49E-02

2829	490069.73, 3859205.34	0.08202	0.56211	0.03074	0.07911	3.32E-04	1.68E-02	1.96E-04	2.50E-04	1.75E-02	3.02E-04	0.00E+00	2.61E-06	6.81E-06	3.11E-04	3.84E-04	1.68E-02	1.96E-04	2.50E-04	1.76E-02
2830	490119.73, 3859205.34	0.082	0.54857	0.03114	0.0772	3.31E-04	1.64E-02	1.99E-04	2.44E-04	1.71E-02	3.01E-04	0.00E+00	2.65E-06	6.65E-06	3.11E-04	3.83E-04	1.64E-02	1.99E-04	2.44E-04	1.72E-02
2831	490169.73, 3859205.34	0.08221	0.53236	0.03145	0.07531	3.32E-04	1.59E-02	2.01E-04	2.38E-04	1.67E-02	3.02E-04	0.00E+00	2.67E-06	6.48E-06	3.11E-04	3.84E-04	1.59E-02	2.01E-04	2.38E-04	1.67E-02
2832	490219.73, 3859205.34	0.08264	0.51315	0.03164	0.07348	3.34E-04	1.53E-02	2.02E-04	2.32E-04	1.61E-02	3.04E-04	0.00E+00	2.69E-06	6.33E-06	3.13E-04	3.86E-04	1.53E-02	2.02E-04	2.32E-04	1.61E-02
2833	490269.73, 3859205.34	0.08322	0.49117	0.0318	0.07175	3.36E-04	1.47E-02	2.03E-04	2.27E-04	1.54E-02	3.06E-04	0.00E+00	2.70E-06	6.18E-06	3.15E-04	3.89E-04	1.47E-02	2.03E-04	2.27E-04	1.55E-02
2834	490319.73, 3859205.34	0.08364	0.47465	0.03201	0.07017	3.38E-04	1.42E-02	2.04E-04	2.22E-04	1.49E-02	3.08E-04	0.00E+00	2.72E-06	6.04E-06	3.16E-04	3.91E-04	1.42E-02	2.04E-04	2.22E-04	1.50E-02
2835	490069.73, 3859255.34	0.07961	0.56742	0.02859	0.08057	3.22E-04	1.69E-02	1.82E-04	2.54E-04	1.77E-02	2.93E-04	0.00E+00	2.43E-06	6.94E-06	3.02E-04	3.72E-04	1.69E-02	1.82E-04	2.54E-04	1.77E-02
2836	490119.73, 3859255.34	0.07953	0.55312	0.02899	0.07853	3.21E-04	1.65E-02	1.85E-04	2.48E-04	1.73E-02	2.92E-04	0.00E+00	2.47E-06	6.76E-06	3.02E-04	3.72E-04	1.65E-02	1.85E-04	2.48E-04	1.73E-02
2837	490169.73, 3859255.34	0.07963	0.53732	0.02935	0.07655	3.22E-04	1.60E-02	1.87E-04	2.42E-04	1.68E-02	2.93E-04	0.00E+00	2.50E-06	6.59E-06	3.02E-04	3.72E-04	1.60E-02	1.87E-04	2.42E-04	1.68E-02
2838	490219.73, 3859255.34	0.07994	0.51849	0.02956	0.07461	3.23E-04	1.55E-02	1.89E-04	2.36E-04	1.62E-02	2.94E-04	0.00E+00	2.51E-06	6.42E-06	3.03E-04	3.74E-04	1.55E-02	1.89E-04	2.36E-04	1.63E-02
2839	490269.73, 3859255.34	0.08034	0.49883	0.02976	0.07279	3.25E-04	1.49E-02	1.90E-04	2.30E-04	1.56E-02	2.95E-04	0.00E+00	2.53E-06	6.27E-06	3.04E-04	3.76E-04	1.49E-02	1.90E-04	2.30E-04	1.57E-02
2840	490319.73, 3859255.34	0.08069	0.48181	0.02996	0.07111	3.26E-04	1.44E-02	1.91E-04	2.25E-04	1.51E-02	2.97E-04	0.00E+00	2.55E-06	6.12E-06	3.05E-04	3.77E-04	1.44E-02	1.91E-04	2.25E-04	1.52E-02
2841	490069.73, 3859305.34	0.07744	0.5709	0.02663	0.08199	3.13E-04	1.70E-02	1.70E-04	2.59E-04	1.78E-02	2.85E-04	0.00E+00	2.26E-06	7.06E-06	2.94E-04	3.62E-04	1.70E-02	1.70E-04	2.59E-04	1.78E-02
2842	490119.73, 3859305.34	0.07725	0.55705	0.02701	0.07984	3.12E-04	1.66E-02	1.72E-04	2.52E-04	1.74E-02	2.84E-04	0.00E+00	2.30E-06	6.88E-06	2.93E-04	3.61E-04	1.66E-02	1.72E-04	2.52E-04	1.74E-02
2843	490169.73, 3859305.34	0.07725	0.54152	0.02742	0.07774	3.12E-04	1.62E-02	1.75E-04	2.45E-04	1.69E-02	2.84E-04	0.00E+00	2.33E-06	6.69E-06	2.93E-04	3.61E-04	1.62E-02	1.75E-04	2.45E-04	1.69E-02
2844	490219.73, 3859305.34	0.07742	0.52412	0.02772	0.0757	3.13E-04	1.56E-02	1.77E-04	2.39E-04	1.64E-02	2.85E-04	0.00E+00	2.36E-06	6.52E-06	2.94E-04	3.62E-04	1.56E-02	1.77E-04	2.39E-04	1.64E-02
2845	490269.73, 3859305.34	0.07767	0.50665	0.02794	0.07378	3.14E-04	1.51E-02	1.78E-04	2.33E-04	1.58E-02	2.86E-04	0.00E+00	2.38E-06	6.35E-06	2.94E-04	3.63E-04	1.51E-02	1.78E-04	2.33E-04	1.59E-02
2846	490319.73, 3859305.34	0.07803	0.48734	0.02812	0.07196	3.15E-04	1.45E-02	1.79E-04	2.27E-04	1.53E-02	2.87E-04	0.00E+00	2.39E-06	6.20E-06	2.95E-04	3.65E-04	1.45E-02	1.79E-04	2.27E-04	1.53E-02
2847	490069.73, 3859355.34	0.07535	0.57507	0.02477	0.08344	3.05E-04	1.72E-02	1.58E-04	2.63E-04	1.79E-02	2.77E-04	0.00E+00	2.11E-06	7.19E-06	2.86E-04	3.52E-04	1.72E-02	1.58E-04	2.63E-04	1.79E-02
2848	490119.73, 3859355.34	0.07509	0.56103	0.02512	0.08116	3.04E-04	1.67E-02	1.60E-04	2.56E-04	1.75E-02	2.76E-04	0.00E+00	2.14E-06	6.99E-06	2.85E-04	3.51E-04	1.67E-02	1.60E-04	2.56E-04	1.75E-02
2849	490169.73, 3859355.34	0.07502	0.54556	0.02556	0.07891	3.03E-04	1.63E-02	1.63E-04	2.49E-04	1.70E-02	2.76E-04	0.00E+00	2.17E-06	6.79E-06	2.85E-04	3.51E-04	1.63E-02	1.63E-04	2.49E-04	1.70E-02
2850	490219.73, 3859355.34	0.07512	0.52857	0.02602	0.07673	3.04E-04	1.58E-02	1.66E-04	2.42E-04	1.65E-02	2.76E-04	0.00E+00	2.21E-06	6.61E-06	2.85E-04	3.51E-04	1.58E-02	1.66E-04	2.42E-04	1.65E-02
2851	490269.73, 3859355.34	0.07524	0.51268	0.0263	0.07469	3.04E-04	1.53E-02	1.68E-04	2.36E-04	1.60E-02	2.77E-04	0.00E+00	2.24E-06	6.43E-06	2.85E-04	3.52E-04	1.53E-02	1.68E-04	2.36E-04	1.61E-02
2852	490319.73, 3859355.34	0.07548	0.49531	0.02649	0.07275	3.05E-04	1.48E-02	1.69E-04	2.30E-04	1.55E-02	2.78E-04	0.00E+00	2.25E-06	6.26E-06	2.86E-04	3.53E-04	1.48E-02	1.69E-04	2.30E-04	1.55E-02
2853	490069.73, 3859405.34	0.07344	0.57746	0.02312	0.08482	2.97E-04	1.72E-02	1.47E-04	2.68E-04	1.79E-02	2.70E-04	0.00E+00	1.97E-06	7.30E-06	2.79E-04	3.43E-04	1.72E-02	1.47E-04	2.68E-04	1.80E-02
2854	490119.73, 3859405.34	0.07316	0.56278	0.02346	0.08234	2.96E-04	1.68E-02	1.50E-04	2.60E-04	1.75E-02	2.69E-04	0.00E+00	2.00E-06	7.09E-06	2.78E-04	3.42E-04	1.68E-02	1.50E-04	2.60E-04	1.75E-02
2855	490169.73, 3859405.34	0.07304	0.5472	0.02389	0.07993	2.95E-04	1.63E-02	1.52E-04	2.52E-04	1.70E-02	2.69E-04	0.00E+00	2.03E-06	6.88E-06	2.77E-04	3.42E-04	1.63E-02	1.52E-04	2.52E-04	1.71E-02
2856	490219.73, 3859405.34	0.073	0.532	0.02433	0.07765	2.95E-04	1.59E-02	1.55E-04	2.45E-04	1.66E-02	2.68E-04	0.00E+00	2.07E-06	6.69E-06	2.77E-04	3.41E-04	1.59E-02	1.55E-04	2.45E-04	1.66E-02
2857	490269.73, 3859405.34	0.07307	0.51606	0.02475	0.07546	2.95E-04	1.54E-02	1.58E-04	2.38E-04	1.61E-02	2.69E-04	0.00E+00	2.10E-06	6.50E-06	2.77E-04	3.42E-04	1.54E-02	1.58E-04	2.38E-04	1.61E-02
2858	490319.73, 3859405.34	0.0732	0.5003	0.025	0.07341	2.96E-04	1.49E-02	1.59E-04	2.32E-04	1.56E-02	2.69E-04	0.00E+00	2.13E-06	6.32E-06	2.78E-04	3.42E-04	1.49E-02	1.59E-04	2.32E-04	1.57E-02
2859	490161.89, 3859541.83	0.06844	0.55098	0.02016	0.08174	2.77E-04	1.64E-02	1.29E-04	2.58E-04	1.71E-02	2.52E-04	0.00E+00	1.71E-06	7.04E-06	2.60E-04	3.20E-04	1.64E-02	1.29E-04	2.58E-04	1.71E-02
2860	490171.89, 3859541.83	0.06839	0.54822	0.02022	0.08121	2.76E-04	1.64E-02	1.29E-04	2.56E-04	1.70E-02	2.51E-04	0.00E+00	1.72E-06	6.99E-06	2.60E-04	3.20E-04	1.64E-02	1.29E-04	2.56E-04	1.71E-02
2861	490161.89, 3859551.83	0.06816	0.55075	0.01995	0.08171	2.76E-04	1.64E-02	1.27E-04	2.58E-04	1.71E-02	2.51E-04	0.00E+00	1.70E-06	7.04E-06	2.59E-04	3.19E-04	1.64E-02	1.27E-04	2.58E-04	1.71E-02
2862	490171.89, 3859551.83	0.0681	0.5481	0.02	0.08118	2.75E-04	1.64E-02	1.28E-04	2.56E-04	1.70E-02	2.50E-04	0.00E+00	1.70E-06	6.99E-06	2.59E-04	3.18E-04	1.64E-02	1.28E-04	2.56E-04	1.71E-02
2863	489799.72, 3859348.21	0.07778	0.6714	0.02298	0.09811	3.14E-04	2.00E-02	1.47E-04	3.10E-04	2.08E-02	2.86E-04	0.00E+00	1.95E-06	8.45E-06	2.96E-04	3.64E-04	2.00E-02	1.47E-04	3.10E-04	2.09E-02
2864	489819.72, 3859348.21	0.07755	0.66338	0.02312	0.09684	3.13E-04	1.98E-02	1.47E-04	3.06E-04	2.06E-02	2.85E-04	0.00E+00	1.97E-06	8.34E-06	2.95E-04	3.63E-04	1.98E-02	1.47E-04	3.06E-04	2.06E-02
2865	489799.72, 3859368.21	0.07715	0.67149	0.02241	0.09903	3.12E-04	2.00E-02	1.43E-04	3.13E-04	2.08E-02	2.84E-04	0.00E+00	1.91E-06	8.53E-06	2.94E-04	3.61E-04	2.00E-02	1.43E-04	3.13E-04	2.08E-02
2866	489819.72, 3859368.21	0.07695	0.6628	0.02257	0.09771	3.11E-04	1.98E-02	1.44E-04	3.09E-04	2.05E-02	2.83E-04	0.00E+00	1.92E-06	8.41E-06	2.93E-04	3.60E-04	1.98E-02	1.44E-04	3.09E-04	2.06E-02
2867	489775.41, 3859329.72	0.07859	0.68274	0.02331	0.09889	3.18E-04	2.04E-02	1.49E-04	3.12E-04	2.11E-02	2.89E-04	0.00E+00	1.98E-06	8.52E-06	2.99E-04	3.68E-04	2.04E-02	1.49E-04	3.12E-04	2.12E-02
2868	489795.41, 3859329.72	0.07837	0.67415	0.02346	0.0976	3.17E-04	2.01E-02	1.50E-04	3.08E-04	2.09E-02	2.88E-04	0.00E+00	2.00E-06	8.40E-06	2.99E-04	3.67E-04	2.01E-02	1.50E-04	3.08E-04	2.09E-02
2869	489775.41, 3859349.72	0.07799	0.6822	0.02275	0.0998	3.15E-04	2.04E-02	1.45E-04	3.15E-04	2.11E-02	2.87E-04	0.00E+00	1.93E-06	8.59E-06	2.97E-04	3.65E-04	2.04E-02	1.45E-04	3.15E-04	2.12E-02
2870	489795.41, 3859349.72	0.07779	0.67317	0.02291	0.09846	3.14E-04	2.01E-02	1.46E-04	3.11E-04	2.09E-02	2.86E-04	0.00E+00	1.95E-06	8.48E-06	2.96E-04	3.64E-04	2.01E-02	1.46E-04	3.11E-04	2.09E-02
2871	489595.05, 3859219.43	0.08434	0.76663	0.02527	0.10444	3.41E-04	2.29E-02	1.61E-04	3.30E-04	2.37E-02	3.10E-04	0.00E+00	2.15E-06	8.99E-06	3.21E-04	3.94E-04	2.29E-02	1.61E-04	3.30E-04	2.38E-02
2872	489615.05, 3859219.43	0.08413	0.75417	0.02552	0.10314	3.40E-04	2.25E-02	1.63E-04	3.26E-04	2.33E-02	3.09E-04	0.00E+00	2.17E-06	8.88E-06	3.20E-04	3.93E-04	2.25E-02	1.63E-04	3.26E-04	2.34E-02
2873	489595.05, 3859239.43	0.08363	0.77002	0.02454	0.10598	3.38E-04	2.30E-02	1.57E-04	3.35E-04	2.38E-02	3.07E-04	0.00E+00	2.09E-06	9.13E-06	3.19E-04	3.91E-04	2.30E-02	1.57E-04	3.35E-04	2.39E-02
2874	489615.05, 3859239.43	0.08343	0.75725	0.02479	0.10461	3.37E-04	2.26E-02	1.58E-04	3.30E-04	2.34E-02	3.07E-04	0.00E+00	2.11E-06	9.01E-06	3.18E-04	3.90E-04	2.26E-02	1.58E-04	3.30E-04	2.35E-02
2875	489372.4, 3859092.58	0.0919	0.87578	0.0276	0.10282	3.71E-04	2.61E-02	1.76E-04	3.25E-04	2.70E-02	3.38E-04	0.00E+00	2.35E-06	8.85E-06	3.49E-04	4.30E-04	2.61E-02	1.76E-04	3.25E-04	2.71E-02
2876	489422.4, 3859092.58	0.09123	0.83836	0.02843	0.10056	3.69E-04	2.50E-02	1.81E-04	3.18E-04	2.59E-02	3.35E-04	0.00E+00	2.42E-06	8.66E-06	3.46E-04	4.27E-04	2.50E-02	1.81E-04	3.18E-04	2.59E-02
2877	489372.4, 3859142.58	0.08995	0.90003	0.02533	0.10955	3.64E-04	2.69E-02	1.62E-04	3.46E-04	2.77E-02	3.31E-04	0.00E+00	2.15E-06	9.43E-06	3.42E-04	4.21E-04	2.69E-02	1.62E-04	3.46E-04	2.78E-02
2878	489422.4, 3859142.58	0.08929	0.86139	0.02609	0.10685	3.61E-04	2.57E-02	1.66E-04	3.37E-04	2.66E-02	3.28E-04	0.00E+00	2.22E-06	9.20E-06	3.40E-04	4.18E-04	2.57E-02	1.66E-04	3.37E-04	2.66E-02
2879	488870.84, 3858666.64	0.12172	0.64582	0.05328	0.07495	4.92E-04	1.93E-02	3.40E-04	2.37E-04	2.03E-02	4.48E-04	0.00E+00	4.53E-06	6.45E-06	4.58E-04	5.69E-04	1.93E-02	3.40E-04	2.37E-04	2.04E-02
2880	488900.84, 3858666.64	0.12122	0.63852	0.05527	0.07415	4.90E-04	1.90E-02	3.53E-04	2.34E-04	2.01E-02	4.46E-04	0.00E+00	4.70E-06	6.39E-06	4.57E-04	5.67E-04	1.90E-02	3.53E-04	2.34E-04	2.02E-02
2881	488870.84, 3858696.64	0.11965	0.68492	0.04781	0.0767	4.84E-04	2.04E-02	3.05E-04	2.42E-04	2.15E-02	4.40E-04	0.00E+00	4.07E-06	6.60E-06	4.51E-04	5.60E-04	2.04E-02	3.05E-04	2.42E-04	2.15E-02
2882	488900.84, 3858696.64	0.11917	0.67603	0.04959	0.07592	4.82E-04	2.02E-02	3.16E-04	2.40E-04	2.12E-02	4.38E-04	0.00E+00	4.22E-06	6.54E-06	4.49E-04	5.57E-04	2.02E-02	3.16E-04	2.40E-04	2.13E-02
2883	488889.67, 3858683.97	0.12023	0.6622	0.05119	0.07543	4.86E-04	1.98E-02	3.27E-04	2.38E-04	2.08E-02	4.42E-04	0.00E+00	4.35E-06	6.50E-06	4.53E-04	5.62E-04	1.98E-02	3.27E-04	2.38E-04	2.09E-02
2884	488919.67, 3858683.97	0.1197	0.6548	0.05302	0.07469	4.84E-04	1.95E-02	3.38E-04	2.36E-04	2.06E-02	4.40E-04	0.00E+00	4.51E-06	6.43E-06	4.51E-04	5.60E-04	1.95E-02	3.38E-04	2.36E-04	2.07E-02
2885	488889.67, 3858713.97	0.11822	0.70362	0.0461	0.07732	4.78E-04	2.10E-02	2.94E-04	2.44E-04	2.20E-02	4.35E-04	0.00E+00	3.92E-06	6.66E-06	4.45E-04	5.53E-04	2.10E-02	2.94E-04	2.44E-04	2.21E-02
2886	488919.67, 3858713.97	0.11773	0.69394	0.04776	0.07657	4.76E-04	2.07E-02	3.05E-04	2.42E-04	2.17E-02	4.33E-04	0.00E+00	4.06E-06	6.59E-06	4.43E-04	5.51E-04	2.07E-02	3.05E-04	2.42E-04	2.18E-02
2887	488906.61, 3858703.33	0.11863	0.68351	0.04878	0.0762	4.80E-04	2.04E-02	3.11E-04	2.41E-04	2.14E-02	4.36E-04	0.00E+00	4.15E-06	6.56E-06	4.47E-04	5.55E-04	2.04E-02	3.11E-04	2.41E-04	2.15E-02

2888	488936.61, 3858703.33	0.11818	0.67402	0.05052	0.07546	4.78E-04	2.01E-02	3.22E-04	2.38E-04	2.11E-02	4.34E-04	0.00E+00	4.30E-06	6.50E-06	4.45E-04	5.53E-04	2.01E-02	3.22E-04	2.38E-04	2.12E-02
2889	488906.61, 3858733.33	0.1168	0.72509	0.04417	0.07818	4.72E-04	2.16E-02	2.82E-04	2.47E-04	2.26E-02	4.29E-04	0.00E+00	3.76E-06	6.73E-06	4.40E-04	5.46E-04	2.16E-02	2.82E-04	2.47E-04	2.27E-02
2890	488936.61, 3858733.33	0.11628	0.715	0.0457	0.07745	4.70E-04	2.13E-02	2.91E-04	2.45E-04	2.23E-02	4.28E-04	0.00E+00	3.89E-06	6.67E-06	4.38E-04	5.44E-04	2.13E-02	2.91E-04	2.45E-04	2.24E-02
2891	488637.63, 3858467.85	0.14181	0.53731	0.09332	0.07591	5.73E-04	1.60E-02	5.95E-04	2.40E-04	1.74E-02	5.21E-04	0.00E+00	7.94E-06	6.54E-06	5.36E-04	6.63E-04	1.60E-02	5.95E-04	2.40E-04	1.75E-02
2892	488662.63, 3858467.85	0.14122	0.53236	0.09763	0.07477	5.71E-04	1.59E-02	6.23E-04	2.36E-04	1.73E-02	5.19E-04	0.00E+00	8.30E-06	6.44E-06	5.34E-04	6.60E-04	1.59E-02	6.23E-04	2.36E-04	1.74E-02
2893	488637.63, 3858492.85	0.13949	0.55074	0.0812	0.07712	5.64E-04	1.64E-02	5.18E-04	2.43E-04	1.78E-02	5.13E-04	0.00E+00	6.91E-06	6.64E-06	5.26E-04	6.52E-04	1.64E-02	5.18E-04	2.43E-04	1.78E-02
2894	488662.63, 3858492.85	0.13895	0.54549	0.08493	0.07594	5.62E-04	1.63E-02	5.42E-04	2.40E-04	1.76E-02	5.11E-04	0.00E+00	7.22E-06	6.54E-06	5.25E-04	6.50E-04	1.63E-02	5.42E-04	2.40E-04	1.77E-02
2895	488687.63, 3858492.85	0.1385	0.53992	0.08877	0.07481	5.60E-04	1.61E-02	5.66E-04	2.36E-04	1.75E-02	5.09E-04	0.00E+00	7.55E-06	6.44E-06	5.23E-04	6.48E-04	1.61E-02	5.66E-04	2.36E-04	1.76E-02
2896	488637.63, 3858517.85	0.13715	0.56593	0.07128	0.0782	5.54E-04	1.69E-02	4.55E-04	2.47E-04	1.81E-02	5.04E-04	0.00E+00	6.06E-06	6.73E-06	5.17E-04	6.41E-04	1.69E-02	4.55E-04	2.47E-04	1.82E-02
2897	488662.63, 3858517.85	0.13669	0.56033	0.0745	0.077	5.53E-04	1.67E-02	4.75E-04	2.43E-04	1.80E-02	5.03E-04	0.00E+00	6.34E-06	6.63E-06	5.16E-04	6.39E-04	1.67E-02	4.75E-04	2.43E-04	1.81E-02
2898	488687.63, 3858517.85	0.1362	0.55512	0.07776	0.07586	5.51E-04	1.66E-02	4.96E-04	2.40E-04	1.78E-02	5.01E-04	0.00E+00	6.61E-06	6.53E-06	5.14E-04	6.37E-04	1.66E-02	4.96E-04	2.40E-04	1.79E-02
2899	488194.42, 3857168.98	0.87625	0.24424	0.03657	0.02728	3.54E-03	7.29E-03	2.33E-04	8.61E-05	1.11E-02	3.22E-03	0.00E+00	3.11E-06	2.35E-06	3.23E-03	4.10E-03	7.29E-03	2.33E-04	8.61E-05	1.17E-02
2900	488244.42, 3857168.98	0.84476	0.24415	0.03716	0.02721	3.41E-03	7.28E-03	2.37E-04	8.59E-05	1.10E-02	3.11E-03	0.00E+00	3.16E-06	2.34E-06	3.11E-03	3.95E-03	7.28E-03	2.37E-04	8.59E-05	1.16E-02
2901	488294.42, 3857168.98	0.81655	0.24295	0.03777	0.02719	3.30E-03	7.25E-03	2.41E-04	8.58E-05	1.09E-02	3.00E-03	0.00E+00	3.21E-06	2.34E-06	3.01E-03	3.82E-03	7.25E-03	2.41E-04	8.58E-05	1.14E-02
2902	488244.42, 3857218.98	0.7929	0.24746	0.04047	0.02737	3.21E-03	7.38E-03	2.58E-04	8.64E-05	1.09E-02	2.92E-03	0.00E+00	3.44E-06	2.36E-06	2.92E-03	3.71E-03	7.38E-03	2.58E-04	8.64E-05	1.14E-02
2903	488294.42, 3857218.98	0.76773	0.24674	0.04113	0.02739	3.10E-03	7.36E-03	2.62E-04	8.65E-05	1.08E-02	2.82E-03	0.00E+00	3.50E-06	2.36E-06	2.83E-03	3.59E-03	7.36E-03	2.62E-04	8.65E-05	1.13E-02
2904	488294.42, 3857268.98	0.71764	0.25122	0.04511	0.02773	2.90E-03	7.49E-03	2.88E-04	8.76E-05	1.08E-02	2.64E-03	0.00E+00	3.84E-06	2.39E-06	2.64E-03	3.36E-03	7.49E-03	2.88E-04	8.76E-05	1.12E-02
2905	488139.13, 3857111.68	0.97947	0.24159	0.03302	0.0275	3.96E-03	7.21E-03	2.11E-04	8.68E-05	1.15E-02	3.60E-03	0.00E+00	2.81E-06	2.37E-06	3.61E-03	4.58E-03	7.21E-03	2.11E-04	8.68E-05	1.21E-02
2906	488189.13, 3857111.68	0.94016	0.24188	0.03333	0.02734	3.80E-03	7.22E-03	2.13E-04	8.63E-05	1.13E-02	3.46E-03	0.00E+00	2.83E-06	2.35E-06	3.46E-03	4.40E-03	7.22E-03	2.13E-04	8.63E-05	1.19E-02
2907	488189.13, 3857161.68	0.88756	0.24396	0.03608	0.02729	3.59E-03	7.28E-03	2.30E-04	8.62E-05	1.12E-02	3.26E-03	0.00E+00	3.07E-06	2.35E-06	3.27E-03	4.15E-03	7.28E-03	2.30E-04	8.62E-05	1.17E-02
2908	487951.04, 3856961.26	1.33288	0.23776	0.02996	0.02902	5.39E-03	7.09E-03	1.91E-04	9.16E-05	1.28E-02	4.90E-03	0.00E+00	2.55E-06	2.50E-06	4.91E-03	6.23E-03	7.09E-03	1.91E-04	9.16E-05	1.36E-02
2909	488001.04, 3856961.26	1.27135	0.23608	0.02871	0.02882	5.14E-03	7.04E-03	1.83E-04	9.10E-05	1.25E-02	4.67E-03	0.00E+00	2.44E-06	2.48E-06	4.68E-03	5.95E-03	7.04E-03	1.83E-04	9.10E-05	1.33E-02
2910	488051.04, 3856961.26	1.21693	0.23299	0.02751	0.02864	4.92E-03	6.95E-03	1.75E-04	9.04E-05	1.21E-02	4.47E-03	0.00E+00	2.34E-06	2.47E-06	4.48E-03	5.69E-03	6.95E-03	1.75E-04	9.04E-05	1.29E-02
2911	488101.04, 3856961.26	1.16129	0.23356	0.02681	0.02844	4.69E-03	6.97E-03	1.71E-04	8.98E-05	1.19E-02	4.27E-03	0.00E+00	2.28E-06	2.45E-06	4.27E-03	5.43E-03	6.97E-03	1.71E-04	8.98E-05	1.27E-02
2912	487951.04, 3857011.26	1.27951	0.24279	0.03195	0.0286	5.17E-03	7.24E-03	2.04E-04	9.03E-05	1.27E-02	4.70E-03	0.00E+00	2.72E-06	2.46E-06	4.71E-03	5.98E-03	7.24E-03	2.04E-04	9.03E-05	1.35E-02
2913	488001.04, 3857011.26	1.22354	0.23929	0.0307	0.02845	4.95E-03	7.14E-03	1.96E-04	8.98E-05	1.24E-02	4.50E-03	0.00E+00	2.61E-06	2.45E-06	4.50E-03	5.72E-03	7.14E-03	1.96E-04	8.98E-05	1.31E-02
2914	488051.04, 3857011.26	1.17141	0.23632	0.02942	0.02829	4.74E-03	7.05E-03	1.88E-04	8.93E-05	1.21E-02	4.31E-03	0.00E+00	2.50E-06	2.44E-06	4.31E-03	5.48E-03	7.05E-03	1.88E-04	8.93E-05	1.28E-02
2915	488101.04, 3857011.26	1.11835	0.23683	0.02867	0.0281	4.52E-03	7.07E-03	1.83E-04	8.87E-05	1.19E-02	4.11E-03	0.00E+00	2.44E-06	2.42E-06	4.12E-03	5.23E-03	7.07E-03	1.83E-04	8.87E-05	1.26E-02
2916	488001.04, 3857061.26	1.16328	0.24323	0.03294	0.02815	4.70E-03	7.26E-03	2.10E-04	8.89E-05	1.23E-02	4.28E-03	0.00E+00	2.80E-06	2.42E-06	4.28E-03	5.44E-03	7.26E-03	2.10E-04	8.89E-05	1.30E-02
2917	488051.04, 3857061.26	1.11343	0.24145	0.03163	0.02799	4.50E-03	7.20E-03	2.02E-04	8.84E-05	1.20E-02	4.09E-03	0.00E+00	2.69E-06	2.41E-06	4.10E-03	5.21E-03	7.20E-03	2.02E-04	8.84E-05	1.27E-02
2918	488101.04, 3857061.26	1.06632	0.24043	0.0308	0.02782	4.31E-03	7.17E-03	1.96E-04	8.78E-05	1.18E-02	3.92E-03	0.00E+00	2.62E-06	2.40E-06	3.93E-03	4.99E-03	7.17E-03	1.96E-04	8.78E-05	1.24E-02
2919	487638.98, 3856673.79	1.75795	0.21944	0.02273	0.03545	7.11E-03	6.55E-03	1.45E-04	1.12E-04	1.39E-02	6.46E-03	0.00E+00	1.93E-06	3.05E-06	6.47E-03	8.22E-03	6.55E-03	1.45E-04	1.12E-04	1.50E-02
2920	487688.98, 3856673.79	1.68744	0.21795	0.02366	0.03491	6.82E-03	6.50E-03	1.51E-04	1.10E-04	1.36E-02	6.20E-03	0.00E+00	2.01E-06	3.01E-06	6.21E-03	7.89E-03	6.50E-03	1.51E-04	1.10E-04	1.47E-02
2921	487638.98, 3856723.79	1.8126	0.22567	0.02319	0.03443	7.33E-03	6.73E-03	1.48E-04	1.09E-04	1.43E-02	6.66E-03	0.00E+00	1.97E-06	2.96E-06	6.67E-03	8.48E-03	6.73E-03	1.48E-04	1.09E-04	1.55E-02
2922	487688.98, 3856723.79	1.73402	0.22381	0.02426	0.03395	7.01E-03	6.68E-03	1.55E-04	1.07E-04	1.39E-02	6.38E-03	0.00E+00	2.06E-06	2.92E-06	6.38E-03	8.11E-03	6.68E-03	1.55E-04	1.07E-04	1.50E-02
2923	486324.61, 3855740.57	1.74589	0.13108	0.00877	0.06682	7.06E-03	3.91E-03	5.59E-05	2.11E-04	1.12E-02	6.42E-03	0.00E+00	7.46E-07	5.75E-06	6.43E-03	8.16E-03	3.91E-03	5.59E-05	2.11E-04	1.23E-02
2924	486374.61, 3855740.57	1.61415	0.12655	0.00889	0.06592	6.52E-03	3.78E-03	5.67E-05	2.08E-04	1.06E-02	5.93E-03	0.00E+00	7.56E-07	5.68E-06	5.94E-03	7.55E-03	3.78E-03	5.67E-05	2.08E-04	1.16E-02
2925	486424.61, 3855740.57	1.53718	0.12458	0.00894	0.06489	6.21E-03	3.72E-03	5.70E-05	2.05E-04	1.02E-02	5.65E-03	0.00E+00	7.60E-07	5.59E-06	5.66E-03	7.19E-03	3.72E-03	5.70E-05	2.05E-04	1.12E-02
2926	486324.61, 3855790.57	1.86592	0.13723	0.00893	0.06978	7.54E-03	4.09E-03	5.70E-05	2.20E-04	1.19E-02	6.86E-03	0.00E+00	7.59E-07	6.01E-06	6.87E-03	8.73E-03	4.09E-03	5.70E-05	2.20E-04	1.31E-02
2927	486374.61, 3855790.57	1.73052	0.13295	0.00905	0.06868	7.00E-03	3.97E-03	5.77E-05	2.17E-04	1.12E-02	6.36E-03	0.00E+00	7.70E-07	5.91E-06	6.37E-03	8.09E-03	3.97E-03	5.77E-05	2.17E-04	1.23E-02
2928	486424.61, 3855790.57	1.66356	0.13185	0.00904	0.06742	6.72E-03	3.93E-03	5.77E-05	2.13E-04	1.09E-02	6.12E-03	0.00E+00	7.69E-07	5.81E-06	6.12E-03	7.78E-03	3.93E-03	5.77E-05	2.13E-04	1.20E-02
2929	486324.61, 3855840.57	1.99142	0.14341	0.00909	0.07256	8.05E-03	4.28E-03	5.80E-05	2.29E-04	1.26E-02	7.32E-03	0.00E+00	7.73E-07	6.25E-06	7.33E-03	9.31E-03	4.28E-03	5.80E-05	2.29E-04	1.39E-02
2930	486374.61, 3855840.57	1.8984	0.14182	0.00912	0.07111	7.67E-03	4.23E-03	5.82E-05	2.25E-04	1.22E-02	6.98E-03	0.00E+00	7.76E-07	6.12E-06	6.99E-03	8.88E-03	4.23E-03	5.82E-05	2.25E-04	1.34E-02
2931	486424.61, 3855840.57	1.79936	0.13944	0.00916	0.06972	7.27E-03	4.16E-03	5.84E-05	2.20E-04	1.17E-02	6.62E-03	0.00E+00	7.79E-07	6.00E-06	6.62E-03	8.41E-03	4.16E-03	5.84E-05	2.20E-04	1.29E-02
2932	486324.61, 3855890.57	2.18798	0.15275	0.00907	0.07485	8.84E-03	4.56E-03	5.79E-05	2.36E-04	1.37E-02	8.04E-03	0.00E+00	7.71E-07	6.45E-06	8.05E-03	1.02E-02	4.56E-03	5.79E-05	2.36E-04	1.51E-02
2933	486374.61, 3855890.57	2.07022	0.15052	0.00919	0.07321	8.37E-03	4.49E-03	5.86E-05	2.31E-04	1.31E-02	7.61E-03	0.00E+00	7.82E-07	6.30E-06	7.62E-03	9.68E-03	4.49E-03	5.86E-05	2.31E-04	1.45E-02
2934	486424.61, 3855890.57	1.95067	0.14757	0.00928	0.07165	7.89E-03	4.40E-03	5.92E-05	2.26E-04	1.26E-02	7.17E-03	0.00E+00	7.89E-07	6.17E-06	7.18E-03	9.12E-03	4.40E-03	5.92E-05	2.26E-04	1.38E-02
2935	488735.69, 3858285.64	0.16272	0.44238	0.31585	0.06204	6.58E-04	1.32E-02	2.01E-03	1.96E-04	1.61E-02	5.98E-04	0.00E+00	2.69E-05	5.34E-06	6.30E-04	7.61E-04	1.32E-02	2.01E-03	1.96E-04	1.62E-02
2936	488765.69, 3858285.64	0.16285	0.43778	0.31331	0.06121	6.58E-04	1.31E-02	2.00E-03	1.93E-04	1.59E-02	5.99E-04	0.00E+00	2.66E-05	5.27E-06	6.31E-04	7.62E-04	1.31E-02	2.00E-03	1.93E-04	1.60E-02
2937	488735.69, 3858315.64	0.1581	0.45292	0.26779	0.06365	6.39E-04	1.35E-02	1.71E-03	2.01E-04	1.61E-02	5.81E-04	0.00E+00	2.28E-05	5.48E-06	6.10E-04	7.39E-04	1.35E-02	1.71E-03	2.01E-04	1.62E-02
2938	488765.69, 3858315.64	0.15814	0.44792	0.26812	0.06277	6.39E-04	1.34E-02	1.71E-03	1.98E-04	1.59E-02	5.81E-04	0.00E+00	2.28E-05	5.41E-06	6.10E-04	7.40E-04	1.34E-02	1.71E-03	1.98E-04	1.60E-02
2939	478676.63, 3849871.93	0.01042	0.00843	0.00206	0.00287	4.21E-05	2.51E-04	1.31E-05	9.06E-06	3.16E-04	3.83E-05	0.00E+00	1.75E-07	2.47E-07	3.87E-05	4.87E-05	2.51E-04	1.31E-05	9.06E-06	3.22E-04
2940	479326.63, 3849871.93	0.0151	0.0068	0.00203	0.00301	6.10E-05	2.03E-04	1.29E-05	9.50E-06	2.86E-04	5.55E-05	0.00E+00	1.73E-07	2.59E-07	5.59E-05	7.06E-05	2.03E-04	1.29E-05	9.50E-06	2.96E-04
2941	479376.63, 3849871.93	0.01548	0.00667	0.00203	0.00302	6.26E-05	1.99E-04	1.29E-05	9.54E-06	2.84E-04	5.69E-05	0.00E+00	1.73E-07	2.60E-07	5.73E-05	7.24E-05	1.99E-04	1.29E-05	9.54E-06	2.94E-04
2942	479426.63, 3849871.93	0.01586	0.00659	0.00203	0.00303	6.41E-05	1.97E-04	1.29E-05	9.57E-06	2.83E-04	5.83E-05	0.00E+00	1.73E-07	2.61E-07	5.87E-05	7.42E-05	1.97E-04	1.29E-05	9.57E-06	2.93E-04
2943	478726.63, 3849921.93	0.01056	0.00858	0.00207	0.00289	4.27E-05	2.56E-04	1.32E-05	9.12E-06	3.21E-04	3.88E-05	0.00E+00	1.76E-07	2.49E-07	3.92E-05	4.94E-05	2.56E-04	1.32E-05	9.12E-06	3.28E-04
2944	478776.63, 3849921.93	0.01079	0.00852	0.00207	0.0029	4.36E-05	2.54E-04	1.32E-05	9.16E-06	3.20E-04	3.97E-05	0.00E+00	1.76E-07	2.50E-07	4.01E-05	5.05E-05	2.54E-04	1.32E-05	9.16E-06	3.27E-04
2945	478826.63, 3849921.93	0.01105	0.00843	0.00207	0.00291	4.47E-05	2.51E-04	1.32E-05	9.19E-06	3.19E-04	4.06E-05	0.00E+00	1.76E-07	2.51E-07	4.11E-05	5.17E-05	2.51E-04	1.32E-05	9.19E-06	3.26E-04
2946	478976.63, 3849921.93	0.01201	0.00814	0.00206	0.00295	4.85E-05	2.43E-04	1.31E-05	9.31E-06	3.14E-04	4.42E-05	0.00E+00	1.75E-07	2.54E-07	4.46E-05	5.62E-05	2.43E-04	1.31E-05	9.31E-06	3.21E-04

2947	479026.63, 3849921.93	0.01244	0.00813	0.00206	0.00295	5.03E-05	2.43E-04	1.31E-05	9.31E-06	3.15E-04	4.57E-05	0.00E+00	1.75E-07	2.54E-07	4.62E-05	5.82E-05	2.43E-04	1.31E-05	9.31E-06	3.23E-04
2948	479076.63, 3849921.93	0.01285	0.00804	0.00205	0.00296	5.19E-05	2.40E-04	1.31E-05	9.35E-06	3.14E-04	4.72E-05	0.00E+00	1.74E-07	2.55E-07	4.77E-05	6.01E-05	2.40E-04	1.31E-05	9.35E-06	3.22E-04
2949	479126.63, 3849921.93	0.01328	0.00791	0.00205	0.00297	5.37E-05	2.36E-04	1.31E-05	9.38E-06	3.12E-04	4.88E-05	0.00E+00	1.74E-07	2.56E-07	4.93E-05	6.21E-05	2.36E-04	1.31E-05	9.38E-06	3.21E-04
2950	479176.63, 3849921.93	0.01374	0.00783	0.00205	0.00297	5.55E-05	2.34E-04	1.31E-05	9.38E-06	3.12E-04	5.05E-05	0.00E+00	1.74E-07	2.56E-07	5.09E-05	6.43E-05	2.34E-04	1.31E-05	9.38E-06	3.20E-04
2951	479226.63, 3849921.93	0.01414	0.00753	0.00204	0.00299	5.72E-05	2.25E-04	1.30E-05	9.44E-06	3.04E-04	5.20E-05	0.00E+00	1.73E-07	2.57E-07	5.24E-05	6.61E-05	2.25E-04	1.30E-05	9.44E-06	3.13E-04
2952	479276.63, 3849921.93	0.01443	0.00713	0.00204	0.00301	5.83E-05	2.13E-04	1.30E-05	9.50E-06	2.94E-04	5.31E-05	0.00E+00	1.73E-07	2.59E-07	5.35E-05	6.75E-05	2.13E-04	1.30E-05	9.50E-06	3.03E-04
2953	479326.63, 3849921.93	0.01505	0.00733	0.00204	0.003	6.08E-05	2.19E-04	1.30E-05	9.47E-06	3.02E-04	5.53E-05	0.00E+00	1.73E-07	2.58E-07	5.58E-05	7.04E-05	2.19E-04	1.30E-05	9.47E-06	3.12E-04
2954	479376.63, 3849921.93	0.01533	0.00692	0.00204	0.00303	6.20E-05	2.06E-04	1.30E-05	9.57E-06	2.91E-04	5.64E-05	0.00E+00	1.73E-07	2.61E-07	5.68E-05	7.17E-05	2.06E-04	1.30E-05	9.57E-06	3.01E-04
2955	479426.63, 3849921.93	0.01583	0.007	0.00204	0.00303	6.40E-05	2.09E-04	1.30E-05	9.57E-06	2.95E-04	5.82E-05	0.00E+00	1.73E-07	2.61E-07	5.86E-05	7.40E-05	2.09E-04	1.30E-05	9.57E-06	3.05E-04
2956	478726.63, 3849971.93	0.01049	0.00878	0.00209	0.00289	4.24E-05	2.62E-04	1.33E-05	9.12E-06	3.27E-04	3.86E-05	0.00E+00	1.78E-07	2.49E-07	3.90E-05	4.91E-05	2.62E-04	1.33E-05	9.12E-06	3.33E-04
2957	478776.63, 3849971.93	0.01069	0.00871	0.00209	0.0029	4.32E-05	2.60E-04	1.33E-05	9.16E-06	3.26E-04	3.93E-05	0.00E+00	1.78E-07	2.50E-07	3.97E-05	5.00E-05	2.60E-04	1.33E-05	9.16E-06	3.32E-04
2958	478826.63, 3849971.93	0.01093	0.00863	0.00208	0.00291	4.42E-05	2.57E-04	1.33E-05	9.19E-06	3.24E-04	4.02E-05	0.00E+00	1.77E-07	2.51E-07	4.06E-05	5.11E-05	2.57E-04	1.33E-05	9.19E-06	3.31E-04
2959	478976.63, 3849971.93	0.01187	0.00849	0.00207	0.00294	4.80E-05	2.53E-04	1.32E-05	9.28E-06	3.24E-04	4.36E-05	0.00E+00	1.76E-07	2.53E-07	4.41E-05	5.55E-05	2.53E-04	1.32E-05	9.28E-06	3.31E-04
2960	479026.63, 3849971.93	0.01222	0.00838	0.00207	0.00295	4.94E-05	2.50E-04	1.32E-05	9.31E-06	3.22E-04	4.49E-05	0.00E+00	1.76E-07	2.54E-07	4.54E-05	5.71E-05	2.50E-04	1.32E-05	9.31E-06	3.30E-04
2961	479076.63, 3849971.93	0.0126	0.00826	0.00207	0.00297	5.09E-05	2.46E-04	1.32E-05	9.38E-06	3.20E-04	4.63E-05	0.00E+00	1.76E-07	2.56E-07	4.68E-05	5.89E-05	2.46E-04	1.32E-05	9.38E-06	3.28E-04
2962	479126.63, 3849971.93	0.01302	0.00816	0.00206	0.00297	5.26E-05	2.43E-04	1.31E-05	9.38E-06	3.19E-04	4.79E-05	0.00E+00	1.75E-07	2.56E-07	4.83E-05	6.09E-05	2.43E-04	1.31E-05	9.38E-06	3.27E-04
2963	479176.63, 3849971.93	0.01347	0.00805	0.00206	0.00298	5.44E-05	2.40E-04	1.31E-05	9.41E-06	3.17E-04	4.95E-05	0.00E+00	1.75E-07	2.57E-07	5.00E-05	6.30E-05	2.40E-04	1.31E-05	9.41E-06	3.26E-04
2964	479226.63, 3849971.93	0.01372	0.00751	0.00206	0.00301	5.55E-05	2.24E-04	1.31E-05	9.50E-06	3.02E-04	5.04E-05	0.00E+00	1.75E-07	2.59E-07	5.09E-05	6.42E-05	2.24E-04	1.31E-05	9.50E-06	3.11E-04
2965	479276.63, 3849971.93	0.01432	0.00767	0.00205	0.00301	5.79E-05	2.29E-04	1.31E-05	9.50E-06	3.09E-04	5.26E-05	0.00E+00	1.74E-07	2.59E-07	5.31E-05	6.70E-05	2.29E-04	1.31E-05	9.50E-06	3.18E-04
2966	479326.63, 3849971.93	0.01487	0.00774	0.00205	0.003	6.01E-05	2.31E-04	1.31E-05	9.47E-06	3.14E-04	5.47E-05	0.00E+00	1.74E-07	2.58E-07	5.51E-05	6.95E-05	2.31E-04	1.31E-05	9.47E-06	3.23E-04
2967	479376.63, 3849971.93	0.0152	0.00732	0.00205	0.00303	6.14E-05	2.18E-04	1.31E-05	9.57E-06	3.02E-04	5.59E-05	0.00E+00	1.74E-07	2.61E-07	5.63E-05	7.11E-05	2.18E-04	1.31E-05	9.57E-06	3.12E-04
2968	479426.63, 3849971.93	0.01568	0.00728	0.00205	0.00303	6.34E-05	2.17E-04	1.31E-05	9.57E-06	3.03E-04	5.76E-05	0.00E+00	1.74E-07	2.61E-07	5.81E-05	7.33E-05	2.17E-04	1.31E-05	9.57E-06	3.13E-04
2969	478726.63, 3850021.93	0.01046	0.00898	0.0021	0.0029	4.23E-05	2.68E-04	1.34E-05	9.16E-06	3.33E-04	3.85E-05	0.00E+00	1.79E-07	2.50E-07	3.89E-05	4.89E-05	2.68E-04	1.34E-05	9.16E-06	3.39E-04
2970	478776.63, 3850021.93	0.01063	0.00891	0.0021	0.00291	4.30E-05	2.66E-04	1.34E-05	9.19E-06	3.31E-04	3.91E-05	0.00E+00	1.79E-07	2.51E-07	3.95E-05	4.97E-05	2.66E-04	1.34E-05	9.19E-06	3.38E-04
2971	478826.63, 3850021.93	0.01084	0.00884	0.0021	0.00292	4.38E-05	2.64E-04	1.34E-05	9.22E-06	3.30E-04	3.99E-05	0.00E+00	1.79E-07	2.51E-07	4.03E-05	5.07E-05	2.64E-04	1.34E-05	9.22E-06	3.37E-04
2972	478976.63, 3850021.93	0.01168	0.00871	0.00209	0.00295	4.72E-05	2.60E-04	1.33E-05	9.31E-06	3.30E-04	4.29E-05	0.00E+00	1.78E-07	2.54E-07	4.34E-05	5.46E-05	2.60E-04	1.33E-05	9.31E-06	3.37E-04
2973	478726.63, 3850071.93	0.01047	0.00919	0.00212	0.0029	4.23E-05	2.74E-04	1.35E-05	9.16E-06	3.39E-04	3.85E-05	0.00E+00	1.80E-07	2.50E-07	3.89E-05	4.90E-05	2.74E-04	1.35E-05	9.16E-06	3.46E-04
2974	478776.63, 3850071.93	0.01061	0.00913	0.00211	0.00291	4.29E-05	2.72E-04	1.35E-05	9.19E-06	3.38E-04	3.90E-05	0.00E+00	1.79E-07	2.51E-07	3.94E-05	4.96E-05	2.72E-04	1.35E-05	9.19E-06	3.45E-04
2975	478826.63, 3850071.93	0.01078	0.00906	0.00211	0.00292	4.36E-05	2.70E-04	1.35E-05	9.22E-06	3.37E-04	3.96E-05	0.00E+00	1.79E-07	2.51E-07	4.01E-05	5.04E-05	2.70E-04	1.35E-05	9.22E-06	3.43E-04
2976	478876.63, 3850071.93	0.01099	0.00901	0.00211	0.00293	4.44E-05	2.69E-04	1.35E-05	9.25E-06	3.36E-04	4.04E-05	0.00E+00	1.79E-07	2.52E-07	4.08E-05	5.14E-05	2.69E-04	1.35E-05	9.25E-06	3.43E-04
2977	478976.63, 3850071.93	0.01153	0.00893	0.0021	0.00295	4.66E-05	2.66E-04	1.34E-05	9.31E-06	3.36E-04	4.24E-05	0.00E+00	1.79E-07	2.54E-07	4.28E-05	5.39E-05	2.66E-04	1.34E-05	9.31E-06	3.43E-04
2978	478726.63, 3850121.93	0.01051	0.00939	0.00213	0.00291	4.25E-05	2.80E-04	1.36E-05	9.19E-06	3.45E-04	3.86E-05	0.00E+00	1.81E-07	2.51E-07	3.91E-05	4.92E-05	2.80E-04	1.36E-05	9.19E-06	3.52E-04
2979	478776.63, 3850121.93	0.01063	0.00934	0.00213	0.00292	4.30E-05	2.79E-04	1.36E-05	9.22E-06	3.44E-04	3.91E-05	0.00E+00	1.81E-07	2.51E-07	3.95E-05	4.97E-05	2.79E-04	1.36E-05	9.22E-06	3.51E-04
2980	478826.63, 3850121.93	0.01077	0.00928	0.00213	0.00293	4.35E-05	2.77E-04	1.36E-05	9.25E-06	3.43E-04	3.96E-05	0.00E+00	1.81E-07	2.52E-07	4.00E-05	5.04E-05	2.77E-04	1.36E-05	9.25E-06	3.50E-04
2981	478876.63, 3850121.93	0.01094	0.00921	0.00212	0.00294	4.42E-05	2.75E-04	1.35E-05	9.28E-06	3.42E-04	4.02E-05	0.00E+00	1.80E-07	2.53E-07	4.07E-05	5.12E-05	2.75E-04	1.35E-05	9.28E-06	3.49E-04
2982	478976.63, 3850121.93	0.01141	0.00915	0.00212	0.00296	4.61E-05	2.73E-04	1.35E-05	9.35E-06	3.42E-04	4.19E-05	0.00E+00	1.80E-07	2.55E-07	4.24E-05	5.34E-05	2.73E-04	1.35E-05	9.35E-06	3.49E-04
2983	479026.63, 3850121.93	0.0117	0.0091	0.00212	0.00297	4.73E-05	2.71E-04	1.35E-05	9.38E-06	3.42E-04	4.30E-05	0.00E+00	1.80E-07	2.56E-07	4.35E-05	5.47E-05	2.71E-04	1.35E-05	9.38E-06	3.49E-04
2984	479076.63, 3850121.93	0.01201	0.00902	0.00211	0.00298	4.85E-05	2.69E-04	1.35E-05	9.41E-06	3.41E-04	4.42E-05	0.00E+00	1.79E-07	2.57E-07	4.46E-05	5.62E-05	2.69E-04	1.35E-05	9.41E-06	3.48E-04
2985	479126.63, 3850121.93	0.01235	0.00894	0.00211	0.00299	4.99E-05	2.67E-04	1.35E-05	9.44E-06	3.40E-04	4.54E-05	0.00E+00	1.79E-07	2.57E-07	4.58E-05	5.78E-05	2.67E-04	1.35E-05	9.44E-06	3.47E-04
2986	478776.63, 3850171.93	0.01068	0.00954	0.00214	0.00292	4.32E-05	2.85E-04	1.37E-05	9.22E-06	3.51E-04	3.93E-05	0.00E+00	1.82E-07	2.51E-07	3.97E-05	4.99E-05	2.85E-04	1.37E-05	9.22E-06	3.57E-04
2987	478826.63, 3850171.93	0.01078	0.00948	0.00214	0.00294	4.36E-05	2.83E-04	1.37E-05	9.28E-06	3.49E-04	3.96E-05	0.00E+00	1.82E-07	2.53E-07	4.01E-05	5.04E-05	2.83E-04	1.37E-05	9.28E-06	3.56E-04
2988	478876.63, 3850171.93	0.01092	0.00942	0.00214	0.00295	4.41E-05	2.81E-04	1.37E-05	9.31E-06	3.48E-04	4.01E-05	0.00E+00	1.82E-07	2.54E-07	4.06E-05	5.11E-05	2.81E-04	1.37E-05	9.31E-06	3.55E-04
2989	478976.63, 3850171.93	0.01134	0.00937	0.00213	0.00296	4.58E-05	2.80E-04	1.36E-05	9.35E-06	3.48E-04	4.17E-05	0.00E+00	1.81E-07	2.55E-07	4.21E-05	5.30E-05	2.80E-04	1.36E-05	9.35E-06	3.56E-04
2990	479026.63, 3850171.93	0.0116	0.00935	0.00213	0.00297	4.69E-05	2.79E-04	1.36E-05	9.38E-06	3.49E-04	4.26E-05	0.00E+00	1.81E-07	2.56E-07	4.31E-05	5.42E-05	2.79E-04	1.36E-05	9.38E-06	3.56E-04
2991	479076.63, 3850171.93	0.01187	0.00927	0.00213	0.00298	4.80E-05	2.77E-04	1.36E-05	9.41E-06	3.48E-04	4.36E-05	0.00E+00	1.81E-07	2.57E-07	4.41E-05	5.55E-05	2.77E-04	1.36E-05	9.41E-06	3.55E-04
2992	479126.63, 3850171.93	0.01218	0.0092	0.00212	0.00299	4.92E-05	2.74E-04	1.35E-05	9.44E-06	3.47E-04	4.48E-05	0.00E+00	1.80E-07	2.57E-07	4.52E-05	5.70E-05	2.74E-04	1.35E-05	9.44E-06	3.54E-04
2993	479176.63, 3850171.93	0.01255	0.00916	0.00212	0.003	5.07E-05	2.73E-04	1.35E-05	9.47E-06	3.47E-04	4.61E-05	0.00E+00	1.80E-07	2.58E-07	4.66E-05	5.87E-05	2.73E-04	1.35E-05	9.47E-06	3.55E-04
2994	479226.63, 3850171.93	0.01297	0.00919	0.00212	0.003	5.24E-05	2.74E-04	1.35E-05	9.47E-06	3.50E-04	4.77E-05	0.00E+00	1.80E-07	2.58E-07	4.81E-05	6.07E-05	2.74E-04	1.35E-05	9.47E-06	3.58E-04
2995	479276.63, 3850171.93	0.01343	0.00922	0.00211	0.003	5.43E-05	2.75E-04	1.35E-05	9.47E-06	3.52E-04	4.94E-05	0.00E+00	1.79E-07	2.58E-07	4.98E-05	6.28E-05	2.75E-04	1.35E-05	9.47E-06	3.61E-04
2996	479326.63, 3850171.93	0.01384	0.00907	0.00211	0.00301	5.59E-05	2.71E-04	1.35E-05	9.50E-06	3.49E-04	5.09E-05	0.00E+00	1.79E-07	2.59E-07	5.13E-05	6.47E-05	2.71E-04	1.35E-05	9.50E-06	3.58E-04
2997	479376.63, 3850171.93	0.01428	0.00891	0.00211	0.00303	5.77E-05	2.66E-04	1.35E-05	9.57E-06	3.47E-04	5.25E-05	0.00E+00	1.79E-07	2.61E-07	5.29E-05	6.68E-05	2.66E-04	1.35E-05	9.57E-06	3.56E-04
2998	478676.63, 3850221.93	0.01065	0.00975	0.00215	0.00292	4.30E-05	2.91E-04	1.37E-05	9.22E-06	3.57E-04	3.92E-05	0.00E+00	1.83E-07	2.51E-07	3.96E-05	4.98E-05	2.91E-04	1.37E-05	9.22E-06	3.64E-04
2999	478726.63, 3850221.93	0.0107	0.00976	0.00215	0.00292	4.33E-05	2.91E-04	1.37E-05	9.22E-06	3.57E-04	3.93E-05	0.00E+00	1.83E-07	2.51E-07	3.98E-05	5.00E-05	2.91E-04	1.37E-05	9.22E-06	3.64E-04
3000	478976.63, 3850221.93	0.01131	0.0096	0.00215	0.00297	4.57E-05	2.86E-04	1.37E-05	9.38E-06	3.55E-04	4.16E-05	0.00E+00	1.83E-07	2.56E-07	4.20E-05	5.29E-05	2.86E-04	1.37E-05	9.38E-06	3.62E-04
3001	479026.63, 3850221.93	0.01153	0.00958	0.00215	0.00298	4.66E-05	2.86E-04	1.37E-05	9.41E-06	3.56E-04	4.24E-05	0.00E+00	1.83E-07	2.57E-07	4.28E-05	5.39E-05	2.86E-04	1.37E-05	9.41E-06	3.63E-04
3002	479076.63, 3850221.93	0.01177	0.00951	0.00214	0.00299	4.76E-05	2.84E-04	1.37E-05	9.44E-06	3.54E-04	4.33E-05	0.00E+00	1.82E-07	2.57E-07	4.37E-05	5.50E-05	2.84E-04	1.37E-05	9.44E-06	3.62E-04
3003	479126.63, 3850221.93	0.01206	0.00946	0.00214	0.003	4.87E-05	2.82E-04	1.37E-05	9.47E-06	3.54E-04	4.43E-05	0.00E+00	1.82E-07	2.58E-07	4.48E-05	5.64E-05	2.82E-04	1.37E-05	9.47E-06	3.62E-04
3004	479176.63, 3850221.93	0.0124	0.00945	0.00214	0.003	5.01E-05	2.82E-04	1.37E-05	9.47E-06	3.55E-04	4.56E-05	0.00E+00	1.82E-07	2.58E-07	4.60E-05	5.80E-05	2.82E-04	1.37E-05	9.47E-06	3.63E-04
3005	479226.63, 3850221.93	0.01278	0.00945	0.00213	0.00301	5.17E-05	2.82E-04	1.36E-05	9.50E-06	3.57E-04	4.70E-05	0.00E+00	1.81E-07	2.59E-07	4.74E-05	5.98E-05	2.82E-04	1.36E-05	9.50E-06	3.65E-04

3006	479276.63, 3850221.93	0.0132	0.00944	0.00213	0.00301	5.34E-05	2.82E-04	1.36E-05	9.50E-06	3.58E-04	4.85E-05	0.00E+00	1.81E-07	2.59E-07	4.90E-05	6.17E-05	2.82E-04	1.36E-05	9.50E-06	3.66E-04
3007	479326.63, 3850221.93	0.01358	0.0093	0.00213	0.00302	5.49E-05	2.77E-04	1.36E-05	9.54E-06	3.55E-04	4.99E-05	0.00E+00	1.81E-07	2.60E-07	5.04E-05	6.35E-05	2.77E-04	1.36E-05	9.54E-06	3.64E-04
3008	479376.63, 3850221.93	0.01401	0.00919	0.00212	0.00303	5.66E-05	2.74E-04	1.35E-05	9.57E-06	3.54E-04	5.15E-05	0.00E+00	1.80E-07	2.61E-07	5.19E-05	6.55E-05	2.74E-04	1.35E-05	9.57E-06	3.63E-04
3009	478676.63, 3850271.93	0.01082	0.00991	0.00216	0.00293	4.37E-05	2.96E-04	1.38E-05	9.25E-06	3.62E-04	3.98E-05	0.00E+00	1.84E-07	2.52E-07	4.02E-05	5.06E-05	2.96E-04	1.38E-05	9.25E-06	3.69E-04
3010	478726.63, 3850271.93	0.01084	0.00993	0.00216	0.00293	4.38E-05	2.96E-04	1.38E-05	9.25E-06	3.63E-04	3.99E-05	0.00E+00	1.84E-07	2.52E-07	4.03E-05	5.07E-05	2.96E-04	1.38E-05	9.25E-06	3.70E-04
3011	478976.63, 3850271.93	0.0113	0.0098	0.00216	0.00298	4.57E-05	2.92E-04	1.38E-05	9.41E-06	3.61E-04	4.15E-05	0.00E+00	1.84E-07	2.57E-07	4.20E-05	5.28E-05	2.92E-04	1.38E-05	9.41E-06	3.68E-04
3012	479026.63, 3850271.93	0.01151	0.0098	0.00216	0.00299	4.65E-05	2.92E-04	1.38E-05	9.44E-06	3.62E-04	4.23E-05	0.00E+00	1.84E-07	2.57E-07	4.28E-05	5.38E-05	2.92E-04	1.38E-05	9.44E-06	3.69E-04
3013	479076.63, 3850271.93	0.01172	0.00976	0.00216	0.00299	4.74E-05	2.91E-04	1.38E-05	9.44E-06	3.62E-04	4.31E-05	0.00E+00	1.84E-07	2.57E-07	4.35E-05	5.48E-05	2.91E-04	1.38E-05	9.44E-06	3.69E-04
3014	479126.63, 3850271.93	0.01198	0.00972	0.00216	0.003	4.84E-05	2.90E-04	1.38E-05	9.47E-06	3.62E-04	4.40E-05	0.00E+00	1.84E-07	2.58E-07	4.45E-05	5.60E-05	2.90E-04	1.38E-05	9.47E-06	3.69E-04
3015	479176.63, 3850271.93	0.01228	0.0097	0.00215	0.00301	4.96E-05	2.89E-04	1.37E-05	9.50E-06	3.62E-04	4.51E-05	0.00E+00	1.83E-07	2.59E-07	4.56E-05	5.74E-05	2.89E-04	1.37E-05	9.50E-06	3.70E-04
3016	479226.63, 3850271.93	0.01263	0.00969	0.00215	0.00302	5.11E-05	2.89E-04	1.37E-05	9.54E-06	3.63E-04	4.64E-05	0.00E+00	1.83E-07	2.60E-07	4.69E-05	5.91E-05	2.89E-04	1.37E-05	9.54E-06	3.71E-04
3017	479276.63, 3850271.93	0.01299	0.00964	0.00215	0.00302	5.25E-05	2.88E-04	1.37E-05	9.54E-06	3.63E-04	4.78E-05	0.00E+00	1.83E-07	2.60E-07	4.82E-05	6.07E-05	2.88E-04	1.37E-05	9.54E-06	3.72E-04
3018	479326.63, 3850271.93	0.01335	0.00953	0.00214	0.00303	5.40E-05	2.84E-04	1.37E-05	9.57E-06	3.61E-04	4.91E-05	0.00E+00	1.82E-07	2.61E-07	4.95E-05	6.24E-05	2.84E-04	1.37E-05	9.57E-06	3.70E-04
3019	479376.63, 3850271.93	0.01373	0.00936	0.00214	0.00305	5.55E-05	2.79E-04	1.37E-05	9.63E-06	3.58E-04	5.05E-05	0.00E+00	1.82E-07	2.63E-07	5.09E-05	6.42E-05	2.79E-04	1.37E-05	9.63E-06	3.67E-04
3020	479053.24, 3850293.52	0.01162	0.00989	0.00217	0.00299	4.70E-05	2.95E-04	1.38E-05	9.44E-06	3.65E-04	4.27E-05	0.00E+00	1.85E-07	2.57E-07	4.32E-05	5.43E-05	2.95E-04	1.38E-05	9.44E-06	3.73E-04
3021	479103.24, 3850293.52	0.01185	0.00986	0.00216	0.003	4.79E-05	2.94E-04	1.38E-05	9.47E-06	3.65E-04	4.36E-05	0.00E+00	1.84E-07	2.58E-07	4.40E-05	5.54E-05	2.94E-04	1.38E-05	9.47E-06	3.73E-04
3022	479153.24, 3850293.52	0.0121	0.00981	0.00216	0.00301	4.89E-05	2.93E-04	1.38E-05	9.50E-06	3.65E-04	4.45E-05	0.00E+00	1.84E-07	2.59E-07	4.49E-05	5.66E-05	2.93E-04	1.38E-05	9.50E-06	3.73E-04
3023	479203.24, 3850293.52	0.01242	0.0098	0.00216	0.00302	5.02E-05	2.92E-04	1.38E-05	9.54E-06	3.66E-04	4.57E-05	0.00E+00	1.84E-07	2.60E-07	4.61E-05	5.81E-05	2.92E-04	1.38E-05	9.54E-06	3.74E-04
3024	479253.24, 3850293.52	0.01275	0.00977	0.00216	0.00302	5.15E-05	2.91E-04	1.38E-05	9.54E-06	3.66E-04	4.69E-05	0.00E+00	1.84E-07	2.60E-07	4.73E-05	5.96E-05	2.91E-04	1.38E-05	9.54E-06	3.74E-04
3025	479303.24, 3850293.52	0.01309	0.00967	0.00215	0.00303	5.29E-05	2.88E-04	1.37E-05	9.57E-06	3.65E-04	4.81E-05	0.00E+00	1.83E-07	2.61E-07	4.86E-05	6.12E-05	2.88E-04	1.37E-05	9.57E-06	3.73E-04
3026	479353.24, 3850293.52	0.01345	0.00953	0.00215	0.00304	5.44E-05	2.84E-04	1.37E-05	9.60E-06	3.62E-04	4.94E-05	0.00E+00	1.83E-07	2.62E-07	4.99E-05	6.29E-05	2.84E-04	1.37E-05	9.60E-06	3.71E-04
3027	479153.24, 3850343.52	0.01207	0.01006	0.00218	0.00302	4.88E-05	3.00E-04	1.39E-05	9.54E-06	3.72E-04	4.44E-05	0.00E+00	1.85E-07	2.60E-07	4.48E-05	5.64E-05	3.00E-04	1.39E-05	9.54E-06	3.80E-04
3028	479203.24, 3850343.52	0.01255	0.01004	0.00217	0.00302	5.07E-05	3.00E-04	1.38E-05	9.54E-06	3.74E-04	4.61E-05	0.00E+00	1.85E-07	2.60E-07	4.66E-05	5.87E-05	3.00E-04	1.38E-05	9.54E-06	3.82E-04
3029	479253.24, 3850343.52	0.01261	0.00997	0.00217	0.00303	5.10E-05	2.97E-04	1.38E-05	9.57E-06	3.72E-04	4.64E-05	0.00E+00	1.85E-07	2.61E-07	4.68E-05	5.90E-05	2.97E-04	1.38E-05	9.57E-06	3.80E-04
3030	479303.24, 3850343.52	0.0129	0.00987	0.00217	0.00304	5.21E-05	2.94E-04	1.38E-05	9.60E-06	3.70E-04	4.74E-05	0.00E+00	1.85E-07	2.62E-07	4.79E-05	6.03E-05	2.94E-04	1.38E-05	9.60E-06	3.78E-04
3031	479353.24, 3850343.52	0.01323	0.00974	0.00216	0.00306	5.35E-05	2.91E-04	1.38E-05	9.66E-06	3.67E-04	4.86E-05	0.00E+00	1.84E-07	2.63E-07	4.91E-05	6.19E-05	2.91E-04	1.38E-05	9.66E-06	3.76E-04
3032	479203.24, 3850393.52	0.01245	0.01025	0.00219	0.00303	5.03E-05	3.06E-04	1.40E-05	9.57E-06	3.80E-04	4.58E-05	0.00E+00	1.86E-07	2.61E-07	4.62E-05	5.82E-05	3.06E-04	1.40E-05	9.57E-06	3.88E-04
3033	479253.24, 3850393.52	0.0127	0.01018	0.00219	0.00304	5.13E-05	3.04E-04	1.40E-05	9.60E-06	3.79E-04	4.67E-05	0.00E+00	1.86E-07	2.62E-07	4.71E-05	5.94E-05	3.04E-04	1.40E-05	9.60E-06	3.87E-04
3034	479303.24, 3850393.52	0.01298	0.01009	0.00218	0.00305	5.25E-05	3.01E-04	1.39E-05	9.63E-06	3.77E-04	4.77E-05	0.00E+00	1.85E-07	2.63E-07	4.82E-05	6.07E-05	3.01E-04	1.39E-05	9.63E-06	3.85E-04
3035	479353.24, 3850393.52	0.01307	0.00997	0.00218	0.00307	5.28E-05	2.97E-04	1.39E-05	9.69E-06	3.74E-04	4.81E-05	0.00E+00	1.85E-07	2.64E-07	4.85E-05	6.11E-05	2.97E-04	1.39E-05	9.69E-06	3.82E-04
3036	479403.24, 3850393.52	0.0134	0.00985	0.00218	0.00308	5.42E-05	2.94E-04	1.39E-05	9.72E-06	3.72E-04	4.93E-05	0.00E+00	1.85E-07	2.65E-07	4.97E-05	6.27E-05	2.94E-04	1.39E-05	9.72E-06	3.80E-04
3037	479453.24, 3850393.52	0.01375	0.00967	0.00217	0.00309	5.56E-05	2.88E-04	1.38E-05	9.76E-06	3.68E-04	5.06E-05	0.00E+00	1.85E-07	2.66E-07	5.10E-05	6.43E-05	2.88E-04	1.38E-05	9.76E-06	3.76E-04
3038	479503.24, 3850393.52	0.01414	0.00947	0.00217	0.0031	5.72E-05	2.83E-04	1.38E-05	9.79E-06	3.63E-04	5.20E-05	0.00E+00	1.85E-07	2.67E-07	5.24E-05	6.61E-05	2.83E-04	1.38E-05	9.79E-06	3.72E-04
3039	479303.24, 3850443.52	0.01285	0.01028	0.0022	0.00307	5.19E-05	3.07E-04	1.40E-05	9.69E-06	3.82E-04	4.72E-05	0.00E+00	1.87E-07	2.64E-07	4.77E-05	6.01E-05	3.07E-04	1.40E-05	9.69E-06	3.91E-04
3040	479353.24, 3850443.52	0.01291	0.01015	0.0022	0.00308	5.22E-05	3.03E-04	1.40E-05	9.72E-06	3.79E-04	4.75E-05	0.00E+00	1.87E-07	2.65E-07	4.79E-05	6.04E-05	3.03E-04	1.40E-05	9.72E-06	3.87E-04
3041	479403.24, 3850443.52	0.01318	0.00999	0.00219	0.00309	5.33E-05	2.98E-04	1.40E-05	9.76E-06	3.75E-04	4.85E-05	0.00E+00	1.86E-07	2.66E-07	4.89E-05	6.16E-05	2.98E-04	1.40E-05	9.76E-06	3.83E-04
3042	479453.24, 3850443.52	0.0135	0.00983	0.00219	0.00311	5.46E-05	2.93E-04	1.40E-05	9.82E-06	3.72E-04	4.96E-05	0.00E+00	1.86E-07	2.68E-07	5.01E-05	6.31E-05	2.93E-04	1.40E-05	9.82E-06	3.80E-04
3043	479503.24, 3850443.52	0.01386	0.00964	0.00218	0.00312	5.60E-05	2.88E-04	1.39E-05	9.85E-06	3.67E-04	5.10E-05	0.00E+00	1.85E-07	2.69E-07	5.14E-05	6.48E-05	2.88E-04	1.39E-05	9.85E-06	3.76E-04
3044	480327.18, 3850987.04	0.01924	0.0112	0.00233	0.00341	7.78E-05	3.34E-04	1.49E-05	1.08E-05	4.38E-04	7.07E-05	0.00E+00	1.98E-07	2.94E-07	7.12E-05	9.00E-05	3.34E-04	1.49E-05	1.08E-05	4.50E-04
3045	480377.18, 3850987.04	0.0198	0.01109	0.00232	0.00343	8.00E-05	3.31E-04	1.48E-05	1.08E-05	4.37E-04	7.28E-05	0.00E+00	1.97E-07	2.95E-07	7.33E-05	9.26E-05	3.31E-04	1.48E-05	1.08E-05	4.49E-04
3046	480427.18, 3850987.04	0.02035	0.01095	0.00232	0.00344	8.23E-05	3.27E-04	1.48E-05	1.09E-05	4.35E-04	7.48E-05	0.00E+00	1.97E-07	2.96E-07	7.53E-05	9.52E-05	3.27E-04	1.48E-05	1.09E-05	4.48E-04
3047	480477.18, 3850987.04	0.02086	0.01079	0.00232	0.00346	8.43E-05	3.22E-04	1.48E-05	1.09E-05	4.32E-04	7.67E-05	0.00E+00	1.97E-07	2.98E-07	7.72E-05	9.76E-05	3.22E-04	1.48E-05	1.09E-05	4.45E-04
3048	480327.18, 3851037.04	0.01894	0.01147	0.00235	0.00342	7.66E-05	3.42E-04	1.50E-05	1.08E-05	4.45E-04	6.96E-05	0.00E+00	2.00E-07	2.94E-07	7.01E-05	8.86E-05	3.42E-04	1.50E-05	1.08E-05	4.57E-04
3049	480377.18, 3851037.04	0.01952	0.01135	0.00234	0.00344	7.89E-05	3.39E-04	1.49E-05	1.09E-05	4.43E-04	7.18E-05	0.00E+00	1.99E-07	2.96E-07	7.23E-05	9.13E-05	3.39E-04	1.49E-05	1.09E-05	4.56E-04
3050	480427.18, 3851037.04	0.02009	0.01121	0.00234	0.00346	8.12E-05	3.34E-04	1.49E-05	1.09E-05	4.41E-04	7.39E-05	0.00E+00	1.99E-07	2.98E-07	7.44E-05	9.40E-05	3.34E-04	1.49E-05	1.09E-05	4.54E-04
3051	480477.18, 3851037.04	0.02065	0.01111	0.00233	0.00347	8.35E-05	3.31E-04	1.49E-05	1.10E-05	4.41E-04	7.59E-05	0.00E+00	1.98E-07	2.99E-07	7.64E-05	9.66E-05	3.31E-04	1.49E-05	1.10E-05	4.54E-04
3052	480622.06, 3851087.39	0.02198	0.01113	0.00235	0.00354	8.88E-05	3.32E-04	1.50E-05	1.12E-05	4.47E-04	8.08E-05	0.00E+00	2.00E-07	3.05E-07	8.13E-05	1.03E-04	3.32E-04	1.50E-05	1.12E-05	4.61E-04
3053	480672.06, 3851087.39	0.02246	0.01106	0.00234	0.00356	9.08E-05	3.30E-04	1.49E-05	1.12E-05	4.47E-04	8.26E-05	0.00E+00	1.99E-07	3.07E-07	8.31E-05	1.05E-04	3.30E-04	1.49E-05	1.12E-05	4.61E-04
3054	480622.06, 3851137.39	0.0218	0.01145	0.00236	0.00355	8.81E-05	3.42E-04	1.51E-05	1.12E-05	4.56E-04	8.01E-05	0.00E+00	2.01E-07	3.06E-07	8.07E-05	1.02E-04	3.42E-04	1.51E-05	1.12E-05	4.70E-04
3055	480672.06, 3851137.39	0.02233	0.01137	0.00236	0.00357	9.03E-05	3.39E-04	1.51E-05	1.13E-05	4.56E-04	8.21E-05	0.00E+00	2.01E-07	3.07E-07	8.26E-05	1.04E-04	3.39E-04	1.51E-05	1.13E-05	4.70E-04
3056	480722.06, 3851137.39	0.02283	0.01131	0.00236	0.00359	9.23E-05	3.37E-04	1.51E-05	1.13E-05	4.56E-04	8.39E-05	0.00E+00	2.01E-07	3.09E-07	8.44E-05	1.07E-04	3.37E-04	1.51E-05	1.13E-05	4.71E-04
3057	480622.06, 3851187.39	0.02155	0.01176	0.00238	0.00357	8.71E-05	3.51E-04	1.52E-05	1.13E-05	4.64E-04	7.92E-05	0.00E+00	2.02E-07	3.07E-07	7.97E-05	1.01E-04	3.51E-04	1.52E-05	1.13E-05	4.78E-04
3058	480672.06, 3851187.39	0.02214	0.01169	0.00238	0.00358	8.95E-05	3.49E-04	1.52E-05	1.13E-05	4.65E-04	8.14E-05	0.00E+00	2.02E-07	3.08E-07	8.19E-05	1.04E-04	3.49E-04	1.52E-05	1.13E-05	4.79E-04
3059	480722.06, 3851187.39	0.02269	0.01164	0.00238	0.0036	9.17E-05	3.47E-04	1.52E-05	1.14E-05	4.66E-04	8.34E-05	0.00E+00	2.02E-07	3.10E-07	8.39E-05	1.06E-04	3.47E-04	1.52E-05	1.14E-05	4.80E-04
3060	471363.09, 3845877.25	0.00353	0.00195	0.00128	0.00181	1.43E-05	5.82E-05	8.16E-06	5.71E-06	8.63E-05	1.30E-05	0.00E+00	1.09E-07	1.56E-07	1.32E-05	1.65E-05	5.82E-05	8.16E-06	5.71E-06	8.86E-05
3061	471863.09, 3845877.25	0.00337	0.00187	0.00131	0.0018	1.36E-05	5.58E-05	8.36E-06	5.68E-06	8.34E-05	1.24E-05	0.00E+00	1.11E-07	1.55E-07	1.27E-05	1.58E-05	5.58E-05	8.36E-06	5.68E-06	8.56E-05
3062	472363.09, 3845877.25	0.00362	0.00207	0.00139	0.00179	1.46E-05	6.18E-05	8.87E-06	5.65E-06	9.09E-05	1.33E-05	0.00E+00	1.18E-07	1.54E-07	1.36E-05	1.69E-05	6.18E-05	8.87E-06	5.65E-06	9.32E-05
3063	472863.09, 3845877.25	0.00311	0.00191	0.00139	0.00175	1.26E-05	5.70E-05	8.87E-06	5.53E-06	8.39E-05	1.14E-05	0.00E+00	1.18E-07	1.51E-07	1.17E-05	1.45E-05	5.70E-05	8.87E-06	5.53E-06	8.59E-05
3064	473363.09, 3845877.25	0.00293	0.00216	0.00141	0.00173	1.18E-05	6.44E-05	8.99E-06	5.46E-06	9.07E-05	1.08E-05	0.00E+00	1.20E-07	1.49E-07	1.10E-05	1.37E-05	6.44E-05	8.99E-06	5.46E-06	9.26E-05

3065	473863.09, 3845877.25	0.00311	0.0024	0.00141	0.00172	1.26E-05	7.16E-05	8.99E-06	5.43E-06	9.86E-05	1.14E-05	0.00E+00	1.20E-07	1.48E-07	1.17E-05	1.45E-05	7.16E-05	8.99E-06	5.43E-06	1.01E-04
3066	474363.09, 3845877.25	0.00356	0.00274	0.0014	0.00174	1.44E-05	8.17E-05	8.93E-06	5.49E-06	1.11E-04	1.31E-05	0.00E+00	1.19E-07	1.50E-07	1.34E-05	1.66E-05	8.17E-05	8.93E-06	5.49E-06	1.13E-04
3067	474863.09, 3845877.25	0.00432	0.00292	0.00139	0.0018	1.75E-05	8.71E-05	8.87E-06	5.68E-06	1.19E-04	1.59E-05	0.00E+00	1.18E-07	1.55E-07	1.62E-05	2.02E-05	8.71E-05	8.87E-06	5.68E-06	1.22E-04
3068	475363.09, 3845877.25	0.00608	0.00297	0.00138	0.0019	2.46E-05	8.86E-05	8.80E-06	6.00E-06	1.28E-04	2.24E-05	0.00E+00	1.17E-07	1.64E-07	2.26E-05	2.84E-05	8.86E-05	8.80E-06	6.00E-06	1.32E-04
3069	475863.09, 3845877.25	0.00633	0.00284	0.00139	0.00193	2.56E-05	8.47E-05	8.87E-06	6.09E-06	1.25E-04	2.33E-05	0.00E+00	1.18E-07	1.66E-07	2.36E-05	2.96E-05	8.47E-05	8.87E-06	6.09E-06	1.29E-04
3070	476363.09, 3845877.25	0.00585	0.00252	0.00144	0.00191	2.36E-05	7.52E-05	9.19E-06	6.03E-06	1.14E-04	2.15E-05	0.00E+00	1.22E-07	1.64E-07	2.18E-05	2.74E-05	7.52E-05	9.19E-06	6.03E-06	1.18E-04
3071	476863.09, 3845877.25	0.00555	0.00223	0.00159	0.0019	2.24E-05	6.65E-05	1.01E-05	6.00E-06	1.05E-04	2.04E-05	0.00E+00	1.35E-07	1.64E-07	2.07E-05	2.60E-05	6.65E-05	1.01E-05	6.00E-06	1.09E-04
3072	477363.09, 3845877.25	0.00405	0.00215	0.00182	0.00191	1.64E-05	6.41E-05	1.16E-05	6.03E-06	9.82E-05	1.49E-05	0.00E+00	1.55E-07	1.64E-07	1.52E-05	1.89E-05	6.41E-05	1.16E-05	6.03E-06	1.01E-04
3073	477863.09, 3845877.25	0.00349	0.00201	0.00191	0.0019	1.41E-05	6.00E-05	1.22E-05	6.00E-06	9.23E-05	1.28E-05	0.00E+00	1.62E-07	1.64E-07	1.32E-05	1.63E-05	6.00E-05	1.22E-05	6.00E-06	9.45E-05
3074	478363.09, 3845877.25	0.00376	0.00193	0.00185	0.00191	1.52E-05	5.76E-05	1.18E-05	6.03E-06	9.06E-05	1.38E-05	0.00E+00	1.57E-07	1.64E-07	1.41E-05	1.76E-05	5.76E-05	1.18E-05	6.03E-06	9.30E-05
3075	478863.09, 3845877.25	0.00327	0.00179	0.00173	0.00194	1.32E-05	5.34E-05	1.10E-05	6.13E-06	8.38E-05	1.20E-05	0.00E+00	1.47E-07	1.67E-07	1.23E-05	1.53E-05	5.34E-05	1.10E-05	6.13E-06	8.59E-05
3076	479363.09, 3845877.25	0.00311	0.00176	0.00168	0.00198	1.26E-05	5.25E-05	1.07E-05	6.25E-06	8.20E-05	1.14E-05	0.00E+00	1.43E-07	1.70E-07	1.17E-05	1.45E-05	5.25E-05	1.07E-05	6.25E-06	8.40E-05
3077	479863.09, 3845877.25	0.00315	0.00172	0.00165	0.00205	1.27E-05	5.13E-05	1.05E-05	6.47E-06	8.10E-05	1.16E-05	0.00E+00	1.40E-07	1.77E-07	1.19E-05	1.47E-05	5.13E-05	1.05E-05	6.47E-06	8.30E-05
3078	480363.09, 3845877.25	0.00276	0.00162	0.00162	0.00212	1.12E-05	4.83E-05	1.03E-05	6.69E-06	7.65E-05	1.01E-05	0.00E+00	1.38E-07	1.83E-07	1.05E-05	1.29E-05	4.83E-05	1.03E-05	6.69E-06	7.83E-05
3079	480863.09, 3845877.25	0.0024	0.00149	0.00164	0.00218	9.70E-06	4.45E-05	1.05E-05	6.88E-06	7.15E-05	8.82E-06	0.00E+00	1.39E-07	1.88E-07	9.15E-06	1.12E-05	4.45E-05	1.05E-05	6.88E-06	7.30E-05
3080	481363.09, 3845877.25	0.00209	0.00141	0.00172	0.00218	8.45E-06	4.21E-05	1.10E-05	6.88E-06	6.84E-05	7.68E-06	0.00E+00	1.46E-07	1.88E-07	8.02E-06	9.77E-06	4.21E-05	1.10E-05	6.88E-06	6.97E-05
3081	481863.09, 3845877.25	0.00194	0.00134	0.00184	0.00214	7.84E-06	4.00E-05	1.17E-05	6.76E-06	6.63E-05	7.13E-06	0.00E+00	1.56E-07	1.84E-07	7.47E-06	9.07E-06	4.00E-05	1.17E-05	6.76E-06	6.75E-05
3082	482363.09, 3845877.25	0.00185	0.00127	0.00196	0.0021	7.48E-06	3.79E-05	1.25E-05	6.63E-06	6.45E-05	6.80E-06	0.00E+00	1.67E-07	1.81E-07	7.15E-06	8.65E-06	3.79E-05	1.25E-05	6.63E-06	6.57E-05
3083	482863.09, 3845877.25	0.00149	0.00114	0.00204	0.00207	6.02E-06	3.40E-05	1.30E-05	6.54E-06	5.96E-05	5.48E-06	0.00E+00	1.73E-07	1.78E-07	5.83E-06	6.97E-06	3.40E-05	1.30E-05	6.54E-06	6.05E-05
3084	483363.09, 3845877.25	0.00136	0.00105	0.00218	0.00202	5.50E-06	3.13E-05	1.39E-05	6.38E-06	5.71E-05	5.00E-06	0.00E+00	1.85E-07	1.74E-07	5.36E-06	6.36E-06	3.13E-05	1.39E-05	6.38E-06	5.80E-05
3085	483863.09, 3845877.25	0.00156	0.00113	0.00242	0.00211	6.31E-06	3.37E-05	1.54E-05	6.66E-06	6.21E-05	5.74E-06	0.00E+00	2.06E-07	1.82E-07	6.12E-06	7.30E-06	3.37E-05	1.54E-05	6.66E-06	6.31E-05
3086	484363.09, 3845877.25	0.00152	0.00111	0.00257	0.00212	6.14E-06	3.31E-05	1.64E-05	6.69E-06	6.23E-05	5.59E-06	0.00E+00	2.19E-07	1.83E-07	5.99E-06	7.11E-06	3.31E-05	1.64E-05	6.69E-06	6.33E-05
3087	484863.09, 3845877.25	0.00148	0.00108	0.00249	0.00209	5.98E-06	3.22E-05	1.59E-05	6.60E-06	6.07E-05	5.44E-06	0.00E+00	2.12E-07	1.80E-07	5.83E-06	6.92E-06	3.22E-05	1.59E-05	6.60E-06	6.16E-05
3088	485363.09, 3845877.25	0.0014	0.00104	0.00226	0.00205	5.66E-06	3.10E-05	1.44E-05	6.47E-06	5.76E-05	5.15E-06	0.00E+00	1.92E-07	1.77E-07	5.52E-06	6.55E-06	3.10E-05	1.44E-05	6.47E-06	5.85E-05
3089	485863.09, 3845877.25	0.00133	0.00103	0.002	0.00203	5.38E-06	3.07E-05	1.28E-05	6.41E-06	5.53E-05	4.89E-06	0.00E+00	1.70E-07	1.75E-07	5.23E-06	6.22E-06	3.07E-05	1.28E-05	6.41E-06	5.61E-05
3090	486363.09, 3845877.25	0.00129	0.00103	0.00181	0.00201	5.21E-06	3.07E-05	1.15E-05	6.35E-06	5.38E-05	4.74E-06	0.00E+00	1.54E-07	1.73E-07	5.07E-06	6.03E-06	3.07E-05	1.15E-05	6.35E-06	5.47E-05
3091	486863.09, 3845877.25	0.00118	0.00099	0.00164	0.00197	4.77E-06	2.95E-05	1.05E-05	6.22E-06	5.10E-05	4.34E-06	0.00E+00	1.39E-07	1.70E-07	4.65E-06	5.52E-06	2.95E-05	1.05E-05	6.22E-06	5.17E-05
3092	487363.09, 3845877.25	0.00115	0.00095	0.00152	0.00197	4.65E-06	2.83E-05	9.70E-06	6.22E-06	4.89E-05	4.23E-06	0.00E+00	1.29E-07	1.70E-07	4.53E-06	5.38E-06	2.83E-05	9.70E-06	6.22E-06	4.96E-05
3093	487863.09, 3845877.25	0.0011	0.0009	0.00149	0.00196	4.45E-06	2.68E-05	9.50E-06	6.19E-06	4.70E-05	4.04E-06	0.00E+00	1.27E-07	1.69E-07	4.34E-06	5.14E-06	2.68E-05	9.50E-06	6.19E-06	4.77E-05
3094	488363.09, 3845877.25	0.00108	0.00089	0.00151	0.00196	4.37E-06	2.66E-05	9.63E-06	6.19E-06	4.67E-05	3.97E-06	0.00E+00	1.28E-07	1.69E-07	4.27E-06	5.05E-06	2.66E-05	9.63E-06	6.19E-06	4.74E-05
3095	488863.09, 3845877.25	0.00117	0.00094	0.0019	0.00204	4.73E-06	2.80E-05	1.21E-05	6.44E-06	5.13E-05	4.30E-06	0.00E+00	1.62E-07	1.76E-07	4.64E-06	5.47E-06	2.80E-05	1.21E-05	6.44E-06	5.21E-05
3096	489363.09, 3845877.25	0.00117	0.00092	0.00199	0.00205	4.73E-06	2.74E-05	1.27E-05	6.47E-06	5.13E-05	4.30E-06	0.00E+00	1.69E-07	1.77E-07	4.65E-06	5.47E-06	2.74E-05	1.27E-05	6.47E-06	5.21E-05
3097	489863.09, 3845877.25	0.00115	0.00091	0.00204	0.00204	4.65E-06	2.71E-05	1.30E-05	6.44E-06	5.13E-05	4.23E-06	0.00E+00	1.73E-07	1.76E-07	4.58E-06	5.38E-06	2.71E-05	1.30E-05	6.44E-06	5.20E-05
3098	490363.09, 3845877.25	0.00109	0.0009	0.0018	0.00201	4.41E-06	2.68E-05	1.15E-05	6.35E-06	4.91E-05	4.01E-06	0.00E+00	1.53E-07	1.73E-07	4.33E-06	5.10E-06	2.68E-05	1.15E-05	6.35E-06	4.98E-05
3099	490863.09, 3845877.25	0.00101	0.00085	0.00163	0.00193	4.08E-06	2.54E-05	1.04E-05	6.09E-06	4.59E-05	3.71E-06	0.00E+00	1.39E-07	1.66E-07	4.02E-06	4.72E-06	2.54E-05	1.04E-05	6.09E-06	4.66E-05
3100	491363.09, 3845877.25	0.00107	0.0009	0.00171	0.00203	4.33E-06	2.68E-05	1.09E-05	6.41E-06	4.85E-05	3.93E-06	0.00E+00	1.45E-07	1.75E-07	4.25E-06	5.00E-06	2.68E-05	1.09E-05	6.41E-06	4.92E-05
3101	491863.09, 3845877.25	0.00114	0.00094	0.00181	0.00211	4.61E-06	2.80E-05	1.15E-05	6.66E-06	5.09E-05	4.19E-06	0.00E+00	1.54E-07	1.82E-07	4.53E-06	5.33E-06	2.80E-05	1.15E-05	6.66E-06	5.16E-05
3102	492363.09, 3845877.25	0.00114	0.00092	0.00173	0.0021	4.61E-06	2.74E-05	1.10E-05	6.63E-06	4.97E-05	4.19E-06	0.00E+00	1.47E-07	1.81E-07	4.52E-06	5.33E-06	2.74E-05	1.10E-05	6.63E-06	5.04E-05
3103	492863.09, 3845877.25	0.0013	0.00102	0.00187	0.00227	5.25E-06	3.04E-05	1.19E-05	7.17E-06	5.48E-05	4.78E-06	0.00E+00	1.59E-07	1.95E-07	5.13E-06	6.08E-06	3.04E-05	1.19E-05	7.17E-06	5.56E-05
3104	493363.09, 3845877.25	0.00138	0.00106	0.00187	0.00236	5.58E-06	3.16E-05	1.19E-05	7.45E-06	5.66E-05	5.07E-06	0.00E+00	1.59E-07	2.03E-07	5.44E-06	6.45E-06	3.16E-05	1.19E-05	7.45E-06	5.75E-05
3105	493863.09, 3845877.25	0.00148	0.0011	0.00182	0.00245	5.98E-06	3.28E-05	1.16E-05	7.74E-06	5.81E-05	5.44E-06	0.00E+00	1.55E-07	2.11E-07	5.81E-06	6.92E-06	3.28E-05	1.16E-05	7.74E-06	5.91E-05
3106	494363.09, 3845877.25	0.0016	0.00113	0.00177	0.00252	6.47E-06	3.37E-05	1.13E-05	7.96E-06	5.94E-05	5.88E-06	0.00E+00	1.51E-07	2.17E-07	6.25E-06	7.48E-06	3.37E-05	1.13E-05	7.96E-06	6.04E-05
3107	494863.09, 3845877.25	0.00166	0.00115	0.00179	0.00257	6.71E-06	3.43E-05	1.14E-05	8.11E-06	6.06E-05	6.10E-06	0.00E+00	1.52E-07	2.21E-07	6.48E-06	7.76E-06	3.43E-05	1.14E-05	8.11E-06	6.16E-05
3108	495363.09, 3845877.25	0.00177	0.00122	0.00186	0.00264	7.15E-06	3.64E-05	1.19E-05	8.34E-06	6.38E-05	6.51E-06	0.00E+00	1.58E-07	2.27E-07	6.89E-06	8.28E-06	3.64E-05	1.19E-05	8.34E-06	6.49E-05
3109	495863.09, 3845877.25	0.00187	0.00129	0.00189	0.0027	7.56E-06	3.85E-05	1.21E-05	8.52E-06	6.66E-05	6.88E-06	0.00E+00	1.61E-07	2.32E-07	7.27E-06	8.75E-06	3.85E-05	1.21E-05	8.52E-06	6.78E-05
3110	496363.09, 3845877.25	0.00195	0.00136	0.00196	0.00278	7.88E-06	4.06E-05	1.25E-05	8.78E-06	6.97E-05	7.17E-06	0.00E+00	1.67E-07	2.39E-07	7.58E-06	9.12E-06	4.06E-05	1.25E-05	8.78E-06	7.10E-05
3111	496863.09, 3845877.25	0.00201	0.00143	0.00212	0.00284	8.12E-06	4.27E-05	1.35E-05	8.97E-06	7.33E-05	7.39E-06	0.00E+00	1.80E-07	2.45E-07	7.81E-06	9.40E-06	4.27E-05	1.35E-05	8.97E-06	7.46E-05
3112	497363.09, 3845877.25	0.00211	0.00149	0.00234	0.00292	8.53E-06	4.45E-05	1.49E-05	9.22E-06	7.71E-05	7.76E-06	0.00E+00	1.99E-07	2.51E-07	8.21E-06	9.87E-06	4.45E-05	1.49E-05	9.22E-06	7.85E-05
3113	497863.09, 3845877.25	0.00224	0.00156	0.00258	0.00301	9.05E-06	4.65E-05	1.65E-05	9.50E-06	8.16E-05	8.24E-06	0.00E+00	2.19E-07	2.59E-07	8.71E-06	1.05E-05	4.65E-05	1.65E-05	9.50E-06	8.30E-05
3114	498363.09, 3845877.25	0.00236	0.00164	0.00281	0.00311	9.54E-06	4.89E-05	1.79E-05	9.82E-06	8.62E-05	8.68E-06	0.00E+00	2.39E-07	2.68E-07	9.18E-06	1.10E-05	4.89E-05	1.79E-05	9.82E-06	8.77E-05
3115	471363.09, 3846377.25	0.00499	0.00319	0.00141	0.00194	2.02E-05	9.52E-05	8.99E-06	6.13E-06	1.30E-04	1.83E-05	0.00E+00	1.20E-07	1.67E-07	1.86E-05	2.33E-05	9.52E-05	8.99E-06	6.13E-06	1.34E-04
3116	471863.09, 3846377.25	0.00474	0.00272	0.00141	0.00193	1.92E-05	8.11E-05	8.99E-06	6.09E-06	1.15E-04	1.74E-05	0.00E+00	1.20E-07	1.66E-07	1.77E-05	2.22E-05	8.11E-05	8.99E-06	6.09E-06	1.18E-04
3117	472363.09, 3846377.25	0.00367	0.00198	0.00135	0.00188	1.48E-05	5.91E-05	8.61E-06	5.94E-06	8.85E-05	1.35E-05	0.00E+00	1.15E-07	1.62E-07	1.38E-05	1.72E-05	5.91E-05	8.61E-06	5.94E-06	9.08E-05
3118	472863.09, 3846377.25	0.00366	0.00205	0.00141	0.00186	1.48E-05	6.12E-05	8.99E-06	5.87E-06	9.08E-05	1.35E-05	0.00E+00	1.20E-07	1.60E-07	1.37E-05	1.71E-05	6.12E-05	8.99E-06	5.87E-06	9.31E-05
3119	473363.09, 3846377.25	0.00365	0.00218	0.00145	0.00184	1.48E-05	6.50E-05	9.25E-06	5.81E-06	9.48E-05	1.34E-05	0.00E+00	1.23E-07	1.58E-07	1.37E-05	1.71E-05	6.50E-05	9.25E-06	5.81E-06	9.72E-05
3120	473863.09, 3846377.25	0.00354	0.00259	0.00149	0.00182	1.43E-05	7.73E-05	9.50E-06	5.75E-06	1.07E-04	1.30E-05	0.00E+00	1.27E-07	1.57E-07	1.33E-05	1.66E-05	7.73E-05	9.50E-06	5.75E-06	1.09E-04
3121	474363.09, 3846377.25	0.00367	0.00295	0.00149	0.00181	1.48E-05	8.80E-05	9.50E-06	5.71E-06	1.18E-04	1.35E-05	0.00E+00	1.27E-07	1.56E-07	1.38E-05	1.72E-05	8.80E-05	9.50E-06	5.71E-06	1.20E-04
3122	474863.09, 3846377.25	0.00418	0.00327	0.00148	0.00184	1.69E-05	9.76E-05	9.44E-06	5.81E-06	1.30E-04	1.54E-05	0.00E+00	1.26E-07	1.58E-07	1.57E-05	1.95E-05	9.76E-05	9.44E-06	5.81E-06	1.32E-04
3123	475363.09, 3846377.25	0.00498	0.00334	0.00146	0.00193	2.01E-05	9.96E-05	9.31E-06	6.09E-06	1.35E-04	1.83E-05	0.00E+00	1.24E-07	1.66E-07	1.86E-05	2.33E-05	9.96E-05	9.31E-06	6.09E-06	1.38E-04

3124	475863.09, 3846377.25	0.00692	0.00335	0.00145	0.00203	2.80E-05	9.99E-05	9.25E-06	6.41E-06	1.44E-04	2.54E-05	0.00E+00	1.23E-07	1.75E-07	2.57E-05	3.24E-05	9.99E-05	9.25E-06	6.41E-06	1.48E-04
3125	476363.09, 3846377.25	0.00694	0.00305	0.00145	0.00203	2.81E-05	9.10E-05	9.25E-06	6.41E-06	1.35E-04	2.55E-05	0.00E+00	1.23E-07	1.75E-07	2.58E-05	3.25E-05	9.10E-05	9.25E-06	6.41E-06	1.39E-04
3126	476863.09, 3846377.25	0.00647	0.00265	0.00152	0.002	2.62E-05	7.91E-05	9.70E-06	6.31E-06	1.21E-04	2.38E-05	0.00E+00	1.29E-07	1.72E-07	2.41E-05	3.03E-05	7.91E-05	9.70E-06	6.31E-06	1.25E-04
3127	477363.09, 3846377.25	0.006	0.00243	0.00171	0.002	2.43E-05	7.25E-05	1.09E-05	6.31E-06	1.14E-04	2.21E-05	0.00E+00	1.45E-07	1.72E-07	2.24E-05	2.81E-05	7.25E-05	1.09E-05	6.31E-06	1.18E-04
3128	477863.09, 3846377.25	0.0042	0.00229	0.00195	0.00201	1.70E-05	6.83E-05	1.24E-05	6.35E-06	1.04E-04	1.54E-05	0.00E+00	1.66E-07	1.73E-07	1.58E-05	1.96E-05	6.83E-05	1.24E-05	6.35E-06	1.07E-04
3129	478363.09, 3846377.25	0.00399	0.00217	0.00205	0.00203	1.61E-05	6.47E-05	1.31E-05	6.41E-06	1.00E-04	1.47E-05	0.00E+00	1.74E-07	1.75E-07	1.50E-05	1.87E-05	6.47E-05	1.31E-05	6.41E-06	1.03E-04
3130	478863.09, 3846377.25	0.0042	0.00209	0.00197	0.00204	1.70E-05	6.24E-05	1.26E-05	6.44E-06	9.83E-05	1.54E-05	0.00E+00	1.68E-07	1.76E-07	1.58E-05	1.96E-05	6.24E-05	1.26E-05	6.44E-06	1.01E-04
3131	479363.09, 3846377.25	0.00367	0.00197	0.00181	0.00206	1.48E-05	5.88E-05	1.15E-05	6.50E-06	9.17E-05	1.35E-05	0.00E+00	1.54E-07	1.77E-07	1.38E-05	1.72E-05	5.88E-05	1.15E-05	6.50E-06	9.40E-05
3132	479863.09, 3846377.25	0.0034	0.00186	0.00174	0.00211	1.37E-05	5.55E-05	1.11E-05	6.66E-06	8.70E-05	1.25E-05	0.00E+00	1.48E-07	1.82E-07	1.28E-05	1.59E-05	5.55E-05	1.11E-05	6.66E-06	8.92E-05
3133	480363.09, 3846377.25	0.00354	0.00189	0.00173	0.0022	1.43E-05	5.64E-05	1.10E-05	6.95E-06	8.87E-05	1.30E-05	0.00E+00	1.47E-07	1.89E-07	1.34E-05	1.66E-05	5.64E-05	1.10E-05	6.95E-06	9.09E-05
3134	480863.09, 3846377.25	0.00288	0.00169	0.00171	0.00226	1.16E-05	5.04E-05	1.09E-05	7.14E-06	8.01E-05	1.06E-05	0.00E+00	1.45E-07	1.95E-07	1.09E-05	1.35E-05	5.04E-05	1.09E-05	7.14E-06	8.19E-05
3135	481363.09, 3846377.25	0.00256	0.00158	0.00176	0.0023	1.03E-05	4.71E-05	1.12E-05	7.26E-06	7.60E-05	9.41E-06	0.00E+00	1.50E-07	1.98E-07	9.76E-06	1.20E-05	4.71E-05	1.12E-05	7.26E-06	7.76E-05
3136	481863.09, 3846377.25	0.0022	0.0015	0.00185	0.00226	8.89E-06	4.47E-05	1.18E-05	7.14E-06	7.26E-05	8.09E-06	0.00E+00	1.57E-07	1.95E-07	8.44E-06	1.03E-05	4.47E-05	1.18E-05	7.14E-06	7.40E-05
3137	482363.09, 3846377.25	0.00207	0.00139	0.00198	0.0022	8.37E-06	4.15E-05	1.26E-05	6.95E-06	6.94E-05	7.61E-06	0.00E+00	1.68E-07	1.89E-07	7.97E-06	9.68E-06	4.15E-05	1.26E-05	6.95E-06	7.07E-05
3138	482863.09, 3846377.25	0.00175	0.00127	0.00209	0.00217	7.07E-06	3.79E-05	1.33E-05	6.85E-06	6.51E-05	6.43E-06	0.00E+00	1.78E-07	1.87E-07	6.80E-06	8.18E-06	3.79E-05	1.33E-05	6.85E-06	6.63E-05
3139	483363.09, 3846377.25	0.0018	0.00127	0.00226	0.00219	7.28E-06	3.79E-05	1.44E-05	6.91E-06	6.65E-05	6.62E-06	0.00E+00	1.92E-07	1.89E-07	7.00E-06	8.42E-06	3.79E-05	1.44E-05	6.91E-06	6.76E-05
3140	483863.09, 3846377.25	0.00176	0.00124	0.00248	0.00221	7.11E-06	3.70E-05	1.58E-05	6.98E-06	6.69E-05	6.47E-06	0.00E+00	2.11E-07	1.90E-07	6.87E-06	8.23E-06	3.70E-05	1.58E-05	6.98E-06	6.80E-05
3141	484363.09, 3846377.25	0.0016	0.00117	0.00262	0.00221	6.47E-06	3.49E-05	1.67E-05	6.98E-06	6.51E-05	5.88E-06	0.00E+00	2.23E-07	1.90E-07	6.30E-06	7.48E-06	3.49E-05	1.67E-05	6.98E-06	6.61E-05
3142	484863.09, 3846377.25	0.00171	0.0012	0.0027	0.00222	6.91E-06	3.58E-05	1.72E-05	7.01E-06	6.69E-05	6.29E-06	0.00E+00	2.30E-07	1.91E-07	6.71E-06	8.00E-06	3.58E-05	1.72E-05	7.01E-06	6.80E-05
3143	485363.09, 3846377.25	0.00167	0.00118	0.00254	0.0022	6.75E-06	3.52E-05	1.62E-05	6.95E-06	6.51E-05	6.14E-06	0.00E+00	2.16E-07	1.89E-07	6.55E-06	7.81E-06	3.52E-05	1.62E-05	6.95E-06	6.62E-05
3144	485863.09, 3846377.25	0.00149	0.00112	0.00217	0.00215	6.02E-06	3.34E-05	1.38E-05	6.79E-06	6.01E-05	5.48E-06	0.00E+00	1.85E-07	1.85E-07	5.85E-06	6.97E-06	3.34E-05	1.38E-05	6.79E-06	6.10E-05
3145	486363.09, 3846377.25	0.00128	0.00105	0.00189	0.00208	5.17E-06	3.13E-05	1.21E-05	6.57E-06	5.51E-05	4.71E-06	0.00E+00	1.61E-07	1.79E-07	5.05E-06	5.99E-06	3.13E-05	1.21E-05	6.57E-06	5.59E-05
3146	486863.09, 3846377.25	0.00122	0.00103	0.0017	0.00205	4.93E-06	3.07E-05	1.08E-05	6.47E-06	5.30E-05	4.49E-06	0.00E+00	1.45E-07	1.77E-07	4.81E-06	5.71E-06	3.07E-05	1.08E-05	6.47E-06	5.37E-05
3147	487363.09, 3846377.25	0.00123	0.001	0.00162	0.00208	4.97E-06	2.98E-05	1.03E-05	6.57E-06	5.17E-05	4.52E-06	0.00E+00	1.38E-07	1.79E-07	4.84E-06	5.75E-06	2.98E-05	1.03E-05	6.57E-06	5.25E-05
3148	487863.09, 3846377.25	0.00132	0.00103	0.00167	0.00213	5.34E-06	3.07E-05	1.07E-05	6.73E-06	5.34E-05	4.85E-06	0.00E+00	1.42E-07	1.83E-07	5.18E-06	6.17E-06	3.07E-05	1.07E-05	6.73E-06	5.43E-05
3149	488363.09, 3846377.25	0.00131	0.00102	0.00184	0.00215	5.30E-06	3.04E-05	1.17E-05	6.79E-06	5.43E-05	4.82E-06	0.00E+00	1.56E-07	1.85E-07	5.16E-06	6.13E-06	3.04E-05	1.17E-05	6.79E-06	5.51E-05
3150	488863.09, 3846377.25	0.00127	0.00101	0.00206	0.00216	5.13E-06	3.01E-05	1.31E-05	6.82E-06	5.52E-05	4.67E-06	0.00E+00	1.75E-07	1.86E-07	5.03E-06	5.94E-06	3.01E-05	1.31E-05	6.82E-06	5.60E-05
3151	489363.09, 3846377.25	0.00128	0.00099	0.00226	0.00217	5.17E-06	2.95E-05	1.44E-05	6.85E-06	5.60E-05	4.71E-06	0.00E+00	1.92E-07	1.87E-07	5.08E-06	5.99E-06	2.95E-05	1.44E-05	6.85E-06	5.68E-05
3152	489863.09, 3846377.25	0.00126	0.001	0.00215	0.00217	5.09E-06	2.98E-05	1.37E-05	6.85E-06	5.55E-05	4.63E-06	0.00E+00	1.83E-07	1.87E-07	5.00E-06	5.89E-06	2.98E-05	1.37E-05	6.85E-06	5.63E-05
3153	490363.09, 3846377.25	0.00114	0.00094	0.00183	0.0021	4.61E-06	2.80E-05	1.17E-05	6.63E-06	5.10E-05	4.19E-06	0.00E+00	1.56E-07	1.81E-07	4.53E-06	5.33E-06	2.80E-05	1.17E-05	6.63E-06	5.17E-05
3154	490863.09, 3846377.25	0.00111	0.00093	0.00176	0.0021	4.49E-06	2.77E-05	1.12E-05	6.63E-06	5.01E-05	4.08E-06	0.00E+00	1.50E-07	1.81E-07	4.41E-06	5.19E-06	2.77E-05	1.12E-05	6.63E-06	5.08E-05
3155	491363.09, 3846377.25	0.00113	0.00094	0.00177	0.00214	4.57E-06	2.80E-05	1.13E-05	6.76E-06	5.07E-05	4.15E-06	0.00E+00	1.51E-07	1.84E-07	4.49E-06	5.28E-06	2.80E-05	1.13E-05	6.76E-06	5.14E-05
3156	491863.09, 3846377.25	0.00129	0.00103	0.00195	0.00228	5.21E-06	3.07E-05	1.24E-05	7.20E-06	5.56E-05	4.74E-06	0.00E+00	1.66E-07	1.96E-07	5.10E-06	6.03E-06	3.07E-05	1.24E-05	7.20E-06	5.64E-05
3157	492363.09, 3846377.25	0.00133	0.00105	0.00195	0.00234	5.38E-06	3.13E-05	1.24E-05	7.39E-06	5.65E-05	4.89E-06	0.00E+00	1.66E-07	2.01E-07	5.26E-06	6.22E-06	3.13E-05	1.24E-05	7.39E-06	5.74E-05
3158	492863.09, 3846377.25	0.00139	0.00108	0.00193	0.00243	5.62E-06	3.22E-05	1.23E-05	7.67E-06	5.78E-05	5.11E-06	0.00E+00	1.64E-07	2.09E-07	5.48E-06	6.50E-06	3.22E-05	1.23E-05	7.67E-06	5.87E-05
3159	493363.09, 3846377.25	0.00152	0.00114	0.00192	0.00254	6.14E-06	3.40E-05	1.22E-05	8.02E-06	6.04E-05	5.59E-06	0.00E+00	1.63E-07	2.19E-07	5.97E-06	7.11E-06	3.40E-05	1.22E-05	8.02E-06	6.14E-05
3160	493863.09, 3846377.25	0.00164	0.00118	0.00186	0.00263	6.63E-06	3.52E-05	1.19E-05	8.30E-06	6.20E-05	6.03E-06	0.00E+00	1.58E-07	2.26E-07	6.41E-06	7.67E-06	3.52E-05	1.19E-05	8.30E-06	6.30E-05
3161	494363.09, 3846377.25	0.00176	0.00121	0.00185	0.0027	7.11E-06	3.61E-05	1.18E-05	8.52E-06	6.35E-05	6.47E-06	0.00E+00	1.57E-07	2.32E-07	6.86E-06	8.23E-06	3.61E-05	1.18E-05	8.52E-06	6.47E-05
3162	494863.09, 3846377.25	0.00187	0.00127	0.00193	0.00277	7.56E-06	3.79E-05	1.23E-05	8.75E-06	6.65E-05	6.88E-06	0.00E+00	1.64E-07	2.39E-07	7.28E-06	8.75E-06	3.79E-05	1.23E-05	8.75E-06	6.77E-05
3163	495363.09, 3846377.25	0.00196	0.00134	0.00196	0.00283	7.92E-06	4.00E-05	1.25E-05	8.94E-06	6.93E-05	7.21E-06	0.00E+00	1.67E-07	2.44E-07	7.62E-06	9.17E-06	4.00E-05	1.25E-05	8.94E-06	7.06E-05
3164	495863.09, 3846377.25	0.00206	0.00143	0.00201	0.00292	8.33E-06	4.27E-05	1.28E-05	9.22E-06	7.30E-05	7.57E-06	0.00E+00	1.71E-07	2.51E-07	8.00E-06	9.63E-06	4.27E-05	1.28E-05	9.22E-06	7.43E-05
3165	496363.09, 3846377.25	0.00216	0.00152	0.00215	0.003	8.73E-06	4.53E-05	1.37E-05	9.47E-06	7.73E-05	7.94E-06	0.00E+00	1.83E-07	2.58E-07	8.38E-06	1.01E-05	4.53E-05	1.37E-05	9.47E-06	7.86E-05
3166	496863.09, 3846377.25	0.0023	0.0016	0.00238	0.00309	9.30E-06	4.77E-05	1.52E-05	9.76E-06	8.20E-05	8.46E-06	0.00E+00	2.02E-07	2.66E-07	8.92E-06	1.08E-05	4.77E-05	1.52E-05	9.76E-06	8.34E-05
3167	497363.09, 3846377.25	0.00245	0.00169	0.00267	0.00318	9.90E-06	5.04E-05	1.70E-05	1.00E-05	8.74E-05	9.01E-06	0.00E+00	2.27E-07	2.74E-07	9.51E-06	1.15E-05	5.04E-05	1.70E-05	1.00E-05	8.89E-05
3168	497863.09, 3846377.25	0.0026	0.00177	0.00295	0.00329	1.05E-05	5.28E-05	1.88E-05	1.04E-05	9.25E-05	9.56E-06	0.00E+00	2.51E-07	2.83E-07	1.01E-05	1.22E-05	5.28E-05	1.88E-05	1.04E-05	9.42E-05
3169	498363.09, 3846377.25	0.00274	0.00187	0.00316	0.0034	1.11E-05	5.58E-05	2.02E-05	1.07E-05	9.78E-05	1.01E-05	0.00E+00	2.69E-07	2.93E-07	1.06E-05	1.28E-05	5.58E-05	2.02E-05	1.07E-05	9.95E-05
3170	471363.09, 3846877.25	0.00562	0.00366	0.00145	0.00199	2.27E-05	1.09E-04	9.25E-06	6.28E-06	1.47E-04	2.07E-05	0.00E+00	1.23E-07	1.71E-07	2.10E-05	2.63E-05	1.09E-04	9.25E-06	6.28E-06	1.51E-04
3171	471863.09, 3846877.25	0.00553	0.00355	0.00146	0.00202	2.24E-05	1.06E-04	9.31E-06	6.38E-06	1.44E-04	2.03E-05	0.00E+00	1.24E-07	1.74E-07	2.06E-05	2.59E-05	1.06E-04	9.31E-06	6.38E-06	1.47E-04
3172	472363.09, 3846877.25	0.00532	0.00317	0.00147	0.00203	2.15E-05	9.46E-05	9.38E-06	6.41E-06	1.32E-04	1.96E-05	0.00E+00	1.25E-07	1.75E-07	1.99E-05	2.49E-05	9.46E-05	9.38E-06	6.41E-06	1.35E-04
3173	472863.09, 3846877.25	0.00393	0.00209	0.00139	0.00196	1.59E-05	6.24E-05	8.87E-06	6.19E-06	9.33E-05	1.44E-05	0.00E+00	1.18E-07	1.69E-07	1.47E-05	1.84E-05	6.24E-05	8.87E-06	6.19E-06	9.58E-05
3174	473363.09, 3846877.25	0.0042	0.00228	0.00146	0.00195	1.70E-05	6.80E-05	9.31E-06	6.16E-06	1.00E-04	1.54E-05	0.00E+00	1.24E-07	1.68E-07	1.57E-05	1.96E-05	6.80E-05	9.31E-06	6.16E-06	1.03E-04
3175	473863.09, 3846877.25	0.00447	0.00266	0.00153	0.00194	1.81E-05	7.94E-05	9.76E-06	6.13E-06	1.13E-04	1.64E-05	0.00E+00	1.30E-07	1.67E-07	1.67E-05	2.09E-05	7.94E-05	9.76E-06	6.13E-06	1.16E-04
3176	474363.09, 3846877.25	0.00416	0.003	0.00156	0.00191	1.68E-05	8.95E-05	9.95E-06	6.03E-06	1.22E-04	1.53E-05	0.00E+00	1.33E-07	1.64E-07	1.56E-05	1.95E-05	8.95E-05	9.95E-06	6.03E-06	1.25E-04
3177	474863.09, 3846877.25	0.00408	0.00333	0.00157	0.0019	1.65E-05	9.93E-05	1.00E-05	6.00E-06	1.32E-04	1.50E-05	0.00E+00	1.34E-07	1.64E-07	1.53E-05	1.91E-05	9.93E-05	1.00E-05	6.00E-06	1.34E-04
3178	475363.09, 3846877.25	0.00444	0.00341	0.00155	0.00193	1.79E-05	1.02E-04	9.89E-06	6.09E-06	1.36E-04	1.63E-05	0.00E+00	1.32E-07	1.66E-07	1.66E-05	2.08E-05	1.02E-04	9.89E-06	6.09E-06	1.38E-04
3179	475863.09, 3846877.25	0.00552	0.00367	0.00153	0.00204	2.23E-05	1.09E-04	9.76E-06	6.44E-06	1.48E-04	2.03E-05	0.00E+00	1.30E-07	1.76E-07	2.06E-05	2.58E-05	1.09E-04	9.76E-06	6.44E-06	1.52E-04
3180	476363.09, 3846877.25	0.00755	0.0036	0.00152	0.00214	3.05E-05	1.07E-04	9.70E-06	6.76E-06	1.54E-04	2.78E-05	0.00E+00	1.29E-07	1.84E-07	2.81E-05	3.53E-05	1.07E-04	9.70E-06	6.76E-06	1.59E-04
3181	476863.09, 3846877.25	0.00762	0.00329	0.00152	0.00213	3.08E-05	9.82E-05	9.70E-06	6.73E-06	1.45E-04	2.80E-05	0.00E+00	1.29E-07	1.83E-07	2.83E-05	3.56E-05	9.82E-05	9.70E-06	6.73E-06	1.50E-04
3182	477363.09, 3846877.25	0.00724	0.00283	0.0016	0.00211	2.93E-05	8.44E-05	1.02E-05	6.66E-06	1.31E-04	2.66E-05	0.00E+00	1.36E-07	1.82E-07	2.69E-05	3.39E-05	8.44E-05	1.02E-05	6.66E-06	1.35E-04

3183	477863.09, 3846877.25	0.0063	0.00261	0.00183	0.00212	2.55E-05	7.79E-05	1.17E-05	6.69E-06	1.22E-04	2.32E-05	0.00E+00	1.56E-07	1.83E-07	2.35E-05	2.95E-05	7.79E-05	1.17E-05	6.69E-06	1.26E-04
3184	478363.09, 3846877.25	0.0046	0.00252	0.00215	0.00215	1.86E-05	7.52E-05	1.37E-05	6.79E-06	1.14E-04	1.69E-05	0.00E+00	1.83E-07	1.85E-07	1.73E-05	2.15E-05	7.52E-05	1.37E-05	6.79E-06	1.17E-04
3185	478863.09, 3846877.25	0.00487	0.00248	0.00231	0.00217	1.97E-05	7.40E-05	1.47E-05	6.85E-06	1.15E-04	1.79E-05	0.00E+00	1.96E-07	1.87E-07	1.83E-05	2.28E-05	7.40E-05	1.47E-05	6.85E-06	1.18E-04
3186	479363.09, 3846877.25	0.00457	0.00224	0.00207	0.00217	1.85E-05	6.68E-05	1.32E-05	6.85E-06	1.05E-04	1.68E-05	0.00E+00	1.76E-07	1.87E-07	1.72E-05	2.14E-05	6.68E-05	1.32E-05	6.85E-06	1.08E-04
3187	479863.09, 3846877.25	0.00343	0.0019	0.00182	0.00216	1.39E-05	5.67E-05	1.16E-05	6.82E-06	8.90E-05	1.26E-05	0.00E+00	1.55E-07	1.86E-07	1.30E-05	1.60E-05	5.67E-05	1.16E-05	6.82E-06	9.12E-05
3188	480363.09, 3846877.25	0.00301	0.00176	0.00175	0.00223	1.22E-05	5.25E-05	1.12E-05	7.04E-06	8.29E-05	1.11E-05	0.00E+00	1.49E-07	1.92E-07	1.14E-05	1.41E-05	5.25E-05	1.12E-05	7.04E-06	8.48E-05
3189	480863.09, 3846877.25	0.00284	0.00168	0.00173	0.00231	1.15E-05	5.01E-05	1.10E-05	7.29E-06	7.99E-05	1.04E-05	0.00E+00	1.47E-07	1.99E-07	1.08E-05	1.33E-05	5.01E-05	1.10E-05	7.29E-06	8.17E-05
3190	481363.09, 3846877.25	0.00277	0.00166	0.00178	0.00238	1.12E-05	4.95E-05	1.14E-05	7.51E-06	7.96E-05	1.02E-05	0.00E+00	1.51E-07	2.05E-07	1.05E-05	1.30E-05	4.95E-05	1.14E-05	7.51E-06	8.13E-05
3191	481863.09, 3846877.25	0.00247	0.00162	0.00187	0.00237	9.98E-06	4.83E-05	1.19E-05	7.48E-06	7.77E-05	9.08E-06	0.00E+00	1.59E-07	2.04E-07	9.44E-06	1.16E-05	4.83E-05	1.19E-05	7.48E-06	7.93E-05
3192	482363.09, 3846877.25	0.0022	0.00147	0.00199	0.00231	8.89E-06	4.39E-05	1.27E-05	7.29E-06	7.27E-05	8.09E-06	0.00E+00	1.69E-07	1.99E-07	8.46E-06	1.03E-05	4.39E-05	1.27E-05	7.29E-06	7.41E-05
3193	482863.09, 3846877.25	0.00216	0.00143	0.00214	0.00228	8.73E-06	4.27E-05	1.37E-05	7.20E-06	7.22E-05	7.94E-06	0.00E+00	1.82E-07	1.96E-07	8.32E-06	1.01E-05	4.27E-05	1.37E-05	7.20E-06	7.36E-05
3194	483363.09, 3846877.25	0.0021	0.00139	0.00232	0.00229	8.49E-06	4.15E-05	1.48E-05	7.23E-06	7.20E-05	7.72E-06	0.00E+00	1.97E-07	1.97E-07	8.12E-06	9.82E-06	4.15E-05	1.48E-05	7.23E-06	7.33E-05
3195	483863.09, 3846877.25	0.00205	0.00136	0.00251	0.00232	8.29E-06	4.06E-05	1.60E-05	7.33E-06	7.22E-05	7.54E-06	0.00E+00	2.13E-07	2.00E-07	7.95E-06	9.59E-06	4.06E-05	1.60E-05	7.33E-06	7.35E-05
3196	484363.09, 3846877.25	0.00195	0.00134	0.00273	0.00234	7.88E-06	4.00E-05	1.74E-05	7.39E-06	7.27E-05	7.17E-06	0.00E+00	2.32E-07	2.01E-07	7.60E-06	9.12E-06	4.00E-05	1.74E-05	7.39E-06	7.39E-05
3197	484863.09, 3846877.25	0.00189	0.0013	0.00284	0.00234	7.64E-06	3.88E-05	1.81E-05	7.39E-06	7.19E-05	6.95E-06	0.00E+00	2.42E-07	2.01E-07	7.39E-06	8.84E-06	3.88E-05	1.81E-05	7.39E-06	7.31E-05
3198	485363.09, 3846877.25	0.00186	0.00128	0.00273	0.00232	7.52E-06	3.82E-05	1.74E-05	7.33E-06	7.04E-05	6.84E-06	0.00E+00	2.32E-07	2.00E-07	7.27E-06	8.70E-06	3.82E-05	1.74E-05	7.33E-06	7.16E-05
3199	485863.09, 3846877.25	0.00167	0.00123	0.00236	0.00227	6.75E-06	3.67E-05	1.51E-05	7.17E-06	6.57E-05	6.14E-06	0.00E+00	2.01E-07	1.95E-07	6.54E-06	7.81E-06	3.67E-05	1.51E-05	7.17E-06	6.67E-05
3200	486363.09, 3846877.25	0.00167	0.00126	0.00211	0.00225	6.75E-06	3.76E-05	1.35E-05	7.10E-06	6.49E-05	6.14E-06	0.00E+00	1.79E-07	1.94E-07	6.51E-06	7.81E-06	3.76E-05	1.35E-05	7.10E-06	6.60E-05
3201	486863.09, 3846877.25	0.00147	0.00117	0.00189	0.00221	5.94E-06	3.49E-05	1.21E-05	6.98E-06	5.99E-05	5.40E-06	0.00E+00	1.61E-07	1.90E-07	5.76E-06	6.87E-06	3.49E-05	1.21E-05	6.98E-06	6.08E-05
3202	487363.09, 3846877.25	0.00148	0.00114	0.00177	0.00223	5.98E-06	3.40E-05	1.13E-05	7.04E-06	5.83E-05	5.44E-06	0.00E+00	1.51E-07	1.92E-07	5.78E-06	6.92E-06	3.40E-05	1.13E-05	7.04E-06	5.93E-05
3203	487863.09, 3846877.25	0.00147	0.00111	0.0018	0.00224	5.94E-06	3.31E-05	1.15E-05	7.07E-06	5.76E-05	5.40E-06	0.00E+00	1.53E-07	1.93E-07	5.75E-06	6.87E-06	3.31E-05	1.15E-05	7.07E-06	5.85E-05
3204	488363.09, 3846877.25	0.00142	0.0011	0.00193	0.00226	5.74E-06	3.28E-05	1.23E-05	7.14E-06	5.80E-05	5.22E-06	0.00E+00	1.64E-07	1.95E-07	5.58E-06	6.64E-06	3.28E-05	1.23E-05	7.14E-06	5.89E-05
3205	488863.09, 3846877.25	0.0014	0.00109	0.00217	0.00229	5.66E-06	3.25E-05	1.38E-05	7.23E-06	5.92E-05	5.15E-06	0.00E+00	1.85E-07	1.97E-07	5.53E-06	6.55E-06	3.25E-05	1.38E-05	7.23E-06	6.01E-05
3206	489363.09, 3846877.25	0.00143	0.00109	0.00238	0.00231	5.78E-06	3.25E-05	1.52E-05	7.29E-06	6.08E-05	5.26E-06	0.00E+00	2.02E-07	1.99E-07	5.66E-06	6.69E-06	3.25E-05	1.52E-05	7.29E-06	6.17E-05
3207	489863.09, 3846877.25	0.00139	0.0011	0.00244	0.00232	5.62E-06	3.28E-05	1.56E-05	7.33E-06	6.13E-05	5.11E-06	0.00E+00	2.08E-07	2.00E-07	5.52E-06	6.50E-06	3.28E-05	1.56E-05	7.33E-06	6.22E-05
3208	490363.09, 3846877.25	0.00127	0.00105	0.00214	0.00229	5.13E-06	3.13E-05	1.37E-05	7.23E-06	5.73E-05	4.67E-06	0.00E+00	1.82E-07	1.97E-07	5.05E-06	5.94E-06	3.13E-05	1.37E-05	7.23E-06	5.81E-05
3209	490863.09, 3846877.25	0.00127	0.00104	0.00201	0.0023	5.13E-06	3.10E-05	1.28E-05	7.26E-06	5.62E-05	4.67E-06	0.00E+00	1.71E-07	1.98E-07	5.04E-06	5.94E-06	3.10E-05	1.28E-05	7.26E-06	5.70E-05
3210	491363.09, 3846877.25	0.00134	0.00107	0.00199	0.00237	5.42E-06	3.19E-05	1.27E-05	7.48E-06	5.75E-05	4.93E-06	0.00E+00	1.69E-07	2.04E-07	5.30E-06	6.27E-06	3.19E-05	1.27E-05	7.48E-06	5.84E-05
3211	491863.09, 3846877.25	0.00138	0.00108	0.002	0.00242	5.58E-06	3.22E-05	1.28E-05	7.64E-06	5.82E-05	5.07E-06	0.00E+00	1.70E-07	2.08E-07	5.45E-06	6.45E-06	3.22E-05	1.28E-05	7.64E-06	5.91E-05
3212	492363.09, 3846877.25	0.00154	0.00118	0.00213	0.00258	6.22E-06	3.52E-05	1.36E-05	8.15E-06	6.32E-05	5.66E-06	0.00E+00	1.81E-07	2.22E-07	6.07E-06	7.20E-06	3.52E-05	1.36E-05	8.15E-06	6.41E-05
3213	492863.09, 3846877.25	0.00161	0.00121	0.00207	0.00267	6.51E-06	3.61E-05	1.32E-05	8.43E-06	6.42E-05	5.92E-06	0.00E+00	1.76E-07	2.30E-07	6.33E-06	7.53E-06	3.61E-05	1.32E-05	8.43E-06	6.53E-05
3214	493363.09, 3846877.25	0.00175	0.00126	0.002	0.00277	7.07E-06	3.76E-05	1.28E-05	8.75E-06	6.62E-05	6.43E-06	0.00E+00	1.70E-07	2.39E-07	6.84E-06	8.18E-06	3.76E-05	1.28E-05	8.75E-06	6.73E-05
3215	493863.09, 3846877.25	0.00186	0.00129	0.00198	0.00284	7.52E-06	3.85E-05	1.26E-05	8.97E-06	6.76E-05	6.84E-06	0.00E+00	1.68E-07	2.45E-07	7.25E-06	8.70E-06	3.85E-05	1.26E-05	8.97E-06	6.88E-05
3216	494363.09, 3846877.25	0.00197	0.00133	0.00199	0.00291	7.96E-06	3.97E-05	1.27E-05	9.19E-06	6.95E-05	7.24E-06	0.00E+00	1.69E-07	2.51E-07	7.66E-06	9.21E-06	3.97E-05	1.27E-05	9.19E-06	7.08E-05
3217	494863.09, 3846877.25	0.00206	0.0014	0.00203	0.00297	8.33E-06	4.18E-05	1.29E-05	9.38E-06	7.24E-05	7.57E-06	0.00E+00	1.73E-07	2.56E-07	8.00E-06	9.63E-06	4.18E-05	1.29E-05	9.38E-06	7.37E-05
3218	495363.09, 3846877.25	0.00213	0.00148	0.00207	0.00305	8.61E-06	4.42E-05	1.32E-05	9.63E-06	7.56E-05	7.83E-06	0.00E+00	1.76E-07	2.63E-07	8.27E-06	9.96E-06	4.42E-05	1.32E-05	9.63E-06	7.69E-05
3219	495863.09, 3846877.25	0.00222	0.00156	0.00218	0.00314	8.97E-06	4.65E-05	1.39E-05	9.91E-06	7.93E-05	8.16E-06	0.00E+00	1.85E-07	2.70E-07	8.62E-06	1.04E-05	4.65E-05	1.39E-05	9.91E-06	8.07E-05
3220	496363.09, 3846877.25	0.00237	0.00165	0.00241	0.00324	9.58E-06	4.92E-05	1.54E-05	1.02E-05	8.44E-05	8.71E-06	0.00E+00	2.05E-07	2.79E-07	9.20E-06	1.11E-05	4.92E-05	1.54E-05	1.02E-05	8.59E-05
3221	496863.09, 3846877.25	0.00257	0.00175	0.00269	0.00335	1.04E-05	5.22E-05	1.72E-05	1.06E-05	9.03E-05	9.45E-06	0.00E+00	2.29E-07	2.88E-07	9.97E-06	1.20E-05	5.22E-05	1.72E-05	1.06E-05	9.20E-05
3222	497363.09, 3846877.25	0.00282	0.00189	0.00303	0.00348	1.14E-05	5.64E-05	1.93E-05	1.10E-05	9.81E-05	1.04E-05	0.00E+00	2.58E-07	3.00E-07	1.09E-05	1.32E-05	5.64E-05	1.93E-05	1.10E-05	9.99E-05
3223	497863.09, 3846877.25	0.00308	0.00203	0.0034	0.0036	1.24E-05	6.06E-05	2.17E-05	1.14E-05	1.06E-04	1.13E-05	0.00E+00	2.89E-07	3.10E-07	1.19E-05	1.44E-05	6.06E-05	2.17E-05	1.14E-05	1.08E-04
3224	498363.09, 3846877.25	0.00323	0.00212	0.00361	0.00372	1.31E-05	6.32E-05	2.30E-05	1.17E-05	1.11E-04	1.19E-05	0.00E+00	3.07E-07	3.20E-07	1.25E-05	1.51E-05	6.32E-05	2.30E-05	1.17E-05	1.13E-04
3225	471363.09, 3847377.25	0.00598	0.00395	0.00157	0.00205	2.42E-05	1.18E-04	1.00E-05	6.47E-06	1.59E-04	2.20E-05	0.00E+00	1.34E-07	1.77E-07	2.23E-05	2.80E-05	1.18E-04	1.00E-05	6.47E-06	1.62E-04
3226	471863.09, 3847377.25	0.00612	0.00398	0.00153	0.00208	2.47E-05	1.19E-04	9.76E-06	6.57E-06	1.60E-04	2.25E-05	0.00E+00	1.30E-07	1.79E-07	2.28E-05	2.86E-05	1.19E-04	9.76E-06	6.57E-06	1.64E-04
3227	472363.09, 3847377.25	0.00611	0.00388	0.00152	0.00211	2.47E-05	1.16E-04	9.70E-06	6.66E-06	1.57E-04	2.25E-05	0.00E+00	1.29E-07	1.82E-07	2.28E-05	2.86E-05	1.16E-04	9.70E-06	6.66E-06	1.61E-04
3228	472863.09, 3847377.25	0.00587	0.0035	0.00152	0.00212	2.37E-05	1.04E-04	9.70E-06	6.69E-06	1.45E-04	2.16E-05	0.00E+00	1.29E-07	1.83E-07	2.19E-05	2.75E-05	1.04E-04	9.70E-06	6.69E-06	1.48E-04
3229	473363.09, 3847377.25	0.0051	0.00267	0.00149	0.00208	2.06E-05	7.97E-05	9.50E-06	6.57E-06	1.16E-04	1.88E-05	0.00E+00	1.27E-07	1.79E-07	1.91E-05	2.39E-05	7.97E-05	9.50E-06	6.57E-06	1.20E-04
3230	473863.09, 3847377.25	0.00504	0.00269	0.00153	0.00206	2.04E-05	8.03E-05	9.76E-06	6.50E-06	1.17E-04	1.85E-05	0.00E+00	1.30E-07	1.77E-07	1.88E-05	2.36E-05	8.03E-05	9.76E-06	6.50E-06	1.20E-04
3231	474363.09, 3847377.25	0.0052	0.0031	0.0016	0.00204	2.10E-05	9.25E-05	1.02E-05	6.44E-06	1.30E-04	1.91E-05	0.00E+00	1.36E-07	1.76E-07	1.94E-05	2.43E-05	9.25E-05	1.02E-05	6.44E-06	1.33E-04
3232	474863.09, 3847377.25	0.00479	0.00335	0.00163	0.00201	1.94E-05	9.99E-05	1.04E-05	6.35E-06	1.36E-04	1.76E-05	0.00E+00	1.39E-07	1.73E-07	1.79E-05	2.24E-05	9.99E-05	1.04E-05	6.35E-06	1.39E-04
3233	475363.09, 3847377.25	0.00438	0.0035	0.00163	0.00199	1.77E-05	1.04E-04	1.04E-05	6.28E-06	1.39E-04	1.61E-05	0.00E+00	1.39E-07	1.71E-07	1.64E-05	2.05E-05	1.04E-04	1.04E-05	6.28E-06	1.42E-04
3234	475863.09, 3847377.25	0.0051	0.00403	0.00163	0.00205	2.06E-05	1.20E-04	1.04E-05	6.47E-06	1.58E-04	1.88E-05	0.00E+00	1.39E-07	1.77E-07	1.91E-05	2.39E-05	1.20E-04	1.04E-05	6.47E-06	1.61E-04
3235	476363.09, 3847377.25	0.0065	0.0044	0.00162	0.0022	2.63E-05	1.31E-04	1.03E-05	6.95E-06	1.75E-04	2.39E-05	0.00E+00	1.38E-07	1.89E-07	2.42E-05	3.04E-05	1.31E-04	1.03E-05	6.95E-06	1.79E-04
3236	476863.09, 3847377.25	0.00836	0.00393	0.00159	0.00226	3.38E-05	1.17E-04	1.01E-05	7.14E-06	1.68E-04	3.07E-05	0.00E+00	1.35E-07	1.95E-07	3.11E-05	3.91E-05	1.17E-04	1.01E-05	7.14E-06	1.74E-04
3237	477363.09, 3847377.25	0.00865	0.00362	0.0016	0.00225	3.50E-05	1.08E-04	1.02E-05	7.10E-06	1.60E-04	3.18E-05	0.00E+00	1.36E-07	1.94E-07	3.21E-05	4.05E-05	1.08E-04	1.02E-05	7.10E-06	1.66E-04
3238	477863.09, 3847377.25	0.00807	0.0031	0.00169	0.00224	3.26E-05	9.25E-05	1.08E-05	7.07E-06	1.43E-04	2.97E-05	0.00E+00	1.44E-07	1.93E-07	3.00E-05	3.77E-05	9.25E-05	1.08E-05	7.07E-06	1.48E-04
3239	478363.09, 3847377.25	0.0069	0.00299	0.002	0.00229	2.79E-05	8.92E-05	1.28E-05	7.23E-06	1.37E-04	2.54E-05	0.00E+00	1.70E-07	1.97E-07	2.57E-05	3.23E-05	8.92E-05	1.28E-05	7.23E-06	1.41E-04
3240	478863.09, 3847377.25	0.00537	0.00295	0.00272	0.00248	2.17E-05	8.80E-05	1.73E-05	7.83E-06	1.35E-04	1.97E-05	0.00E+00	2.31E-07	2.14E-07	2.02E-05	2.51E-05	8.80E-05	1.73E-05	7.83E-06	1.38E-04
3241	479363.09, 3847377.25	0.0049	0.00235	0.00248	0.00229	1.98E-05	7.01E-05	1.58E-05	7.23E-06	1.13E-04	1.80E-05	0.00E+00	2.11E-07	1.97E-07	1.84E-05	2.29E-05	7.01E-05	1.58E-05	7.23E-06	1.16E-04

3242	479863.09, 3847377.25	0.0035	0.00188	0.00197	0.00223	1.41E-05	5.61E-05	1.26E-05	7.04E-06	8.98E-05	1.29E-05	0.00E+00	1.68E-07	1.92E-07	1.32E-05	1.64E-05	5.61E-05	1.26E-05	7.04E-06	9.21E-05
3243	480363.09, 3847377.25	0.00236	0.00158	0.00179	0.00227	9.54E-06	4.71E-05	1.14E-05	7.17E-06	7.53E-05	8.68E-06	0.00E+00	1.52E-07	1.95E-07	9.02E-06	1.10E-05	4.71E-05	1.14E-05	7.17E-06	7.68E-05
3244	480863.09, 3847377.25	0.00222	0.0015	0.00176	0.00233	8.97E-06	4.47E-05	1.12E-05	7.36E-06	7.23E-05	8.16E-06	0.00E+00	1.50E-07	2.01E-07	8.51E-06	1.04E-05	4.47E-05	1.12E-05	7.36E-06	7.37E-05
3245	481363.09, 3847377.25	0.00242	0.00155	0.00178	0.00242	9.78E-06	4.62E-05	1.14E-05	7.64E-06	7.50E-05	8.90E-06	0.00E+00	1.51E-07	2.08E-07	9.26E-06	1.13E-05	4.62E-05	1.14E-05	7.64E-06	7.66E-05
3246	481863.09, 3847377.25	0.00281	0.00174	0.00189	0.00249	1.14E-05	5.19E-05	1.21E-05	7.86E-06	8.32E-05	1.03E-05	0.00E+00	1.61E-07	2.14E-07	1.07E-05	1.31E-05	5.19E-05	1.21E-05	7.86E-06	8.50E-05
3247	482363.09, 3847377.25	0.0026	0.00168	0.00201	0.00245	1.05E-05	5.01E-05	1.28E-05	7.74E-06	8.12E-05	9.56E-06	0.00E+00	1.71E-07	2.11E-07	9.94E-06	1.22E-05	5.01E-05	1.28E-05	7.74E-06	8.28E-05
3248	482863.09, 3847377.25	0.00248	0.00159	0.00217	0.00241	1.00E-05	4.74E-05	1.38E-05	7.61E-06	7.89E-05	9.12E-06	0.00E+00	1.85E-07	2.08E-07	9.51E-06	1.16E-05	4.74E-05	1.38E-05	7.61E-06	8.05E-05
3249	483363.09, 3847377.25	0.00235	0.00151	0.00234	0.0024	9.50E-06	4.50E-05	1.49E-05	7.58E-06	7.71E-05	8.64E-06	0.00E+00	1.99E-07	2.07E-07	9.05E-06	1.10E-05	4.50E-05	1.49E-05	7.58E-06	7.85E-05
3250	483863.09, 3847377.25	0.00235	0.00148	0.0026	0.00243	9.50E-06	4.42E-05	1.66E-05	7.67E-06	7.79E-05	8.64E-06	0.00E+00	2.21E-07	2.09E-07	9.07E-06	1.10E-05	4.42E-05	1.66E-05	7.67E-06	7.94E-05
3251	484363.09, 3847377.25	0.0023	0.00149	0.00296	0.00247	9.30E-06	4.45E-05	1.89E-05	7.80E-06	8.04E-05	8.46E-06	0.00E+00	2.52E-07	2.13E-07	8.92E-06	1.08E-05	4.45E-05	1.89E-05	7.80E-06	8.19E-05
3252	484863.09, 3847377.25	0.0022	0.00144	0.00315	0.00248	8.89E-06	4.30E-05	2.01E-05	7.83E-06	7.98E-05	8.09E-06	0.00E+00	2.68E-07	2.14E-07	8.57E-06	1.03E-05	4.30E-05	2.01E-05	7.83E-06	8.12E-05
3253	485363.09, 3847377.25	0.00213	0.00141	0.00302	0.00246	8.61E-06	4.21E-05	1.93E-05	7.77E-06	7.77E-05	7.83E-06	0.00E+00	2.57E-07	2.12E-07	8.30E-06	9.96E-06	4.21E-05	1.93E-05	7.77E-06	7.91E-05
3254	485863.09, 3847377.25	0.002	0.00138	0.00268	0.00242	8.08E-06	4.12E-05	1.71E-05	7.64E-06	7.40E-05	7.35E-06	0.00E+00	2.28E-07	2.08E-07	7.79E-06	9.35E-06	4.12E-05	1.71E-05	7.64E-06	7.53E-05
3255	486363.09, 3847377.25	0.00192	0.0014	0.00228	0.00239	7.76E-06	4.18E-05	1.45E-05	7.55E-06	7.16E-05	7.06E-06	0.00E+00	1.94E-07	2.06E-07	7.46E-06	8.98E-06	4.18E-05	1.45E-05	7.55E-06	7.28E-05
3256	486863.09, 3847377.25	0.00176	0.00133	0.00205	0.00237	7.11E-06	3.97E-05	1.31E-05	7.48E-06	6.74E-05	6.47E-06	0.00E+00	1.74E-07	2.04E-07	6.85E-06	8.23E-06	3.97E-05	1.31E-05	7.48E-06	6.85E-05
3257	487363.09, 3847377.25	0.00176	0.0013	0.0019	0.00239	7.11E-06	3.88E-05	1.21E-05	7.55E-06	6.56E-05	6.47E-06	0.00E+00	1.62E-07	2.06E-07	6.84E-06	8.23E-06	3.88E-05	1.21E-05	7.55E-06	6.67E-05
3258	487863.09, 3847377.25	0.00165	0.00122	0.0019	0.00239	6.67E-06	3.64E-05	1.21E-05	7.55E-06	6.27E-05	6.07E-06	0.00E+00	1.62E-07	2.06E-07	6.43E-06	7.72E-06	3.64E-05	1.21E-05	7.55E-06	6.38E-05
3259	488363.09, 3847377.25	0.00159	0.0012	0.00212	0.00241	6.43E-06	3.58E-05	1.35E-05	7.61E-06	6.34E-05	5.85E-06	0.00E+00	1.80E-07	2.08E-07	6.23E-06	7.44E-06	3.58E-05	1.35E-05	7.61E-06	6.44E-05
3260	488863.09, 3847377.25	0.00158	0.0012	0.00241	0.00244	6.39E-06	3.58E-05	1.54E-05	7.70E-06	6.53E-05	5.81E-06	0.00E+00	2.05E-07	2.10E-07	6.22E-06	7.39E-06	3.58E-05	1.54E-05	7.70E-06	6.63E-05
3261	489363.09, 3847377.25	0.0016	0.0012	0.00263	0.00246	6.47E-06	3.58E-05	1.68E-05	7.77E-06	6.68E-05	5.88E-06	0.00E+00	2.24E-07	2.12E-07	6.32E-06	7.48E-06	3.58E-05	1.68E-05	7.77E-06	6.78E-05
3262	489863.09, 3847377.25	0.00152	0.0012	0.00254	0.00248	6.14E-06	3.58E-05	1.62E-05	7.83E-06	6.60E-05	5.59E-06	0.00E+00	2.16E-07	2.14E-07	6.02E-06	7.11E-06	3.58E-05	1.62E-05	7.83E-06	6.69E-05
3263	490363.09, 3847377.25	0.00145	0.00117	0.0023	0.0025	5.86E-06	3.49E-05	1.47E-05	7.89E-06	6.33E-05	5.33E-06	0.00E+00	1.96E-07	2.15E-07	5.74E-06	6.78E-06	3.49E-05	1.47E-05	7.89E-06	6.43E-05
3264	490863.09, 3847377.25	0.00151	0.00119	0.00225	0.00256	6.10E-06	3.55E-05	1.44E-05	8.08E-06	6.40E-05	5.55E-06	0.00E+00	1.91E-07	2.20E-07	5.96E-06	7.06E-06	3.55E-05	1.44E-05	8.08E-06	6.50E-05
3265	491363.09, 3847377.25	0.00158	0.00121	0.00223	0.00262	6.39E-06	3.61E-05	1.42E-05	8.27E-06	6.50E-05	5.81E-06	0.00E+00	1.90E-07	2.26E-07	6.22E-06	7.39E-06	3.61E-05	1.42E-05	8.27E-06	6.60E-05
3266	491863.09, 3847377.25	0.00172	0.00128	0.00235	0.00273	6.95E-06	3.82E-05	1.50E-05	8.62E-06	6.87E-05	6.32E-06	0.00E+00	2.00E-07	2.35E-07	6.76E-06	8.04E-06	3.82E-05	1.50E-05	8.62E-06	6.98E-05
3267	492363.09, 3847377.25	0.00176	0.0013	0.0023	0.00281	7.11E-06	3.88E-05	1.47E-05	8.87E-06	6.94E-05	6.47E-06	0.00E+00	1.96E-07	2.42E-07	6.91E-06	8.23E-06	3.88E-05	1.47E-05	8.87E-06	7.06E-05
3268	492863.09, 3847377.25	0.00189	0.00135	0.00223	0.00292	7.64E-06	4.03E-05	1.42E-05	9.22E-06	7.14E-05	6.95E-06	0.00E+00	1.90E-07	2.51E-07	7.39E-06	8.84E-06	4.03E-05	1.42E-05	9.22E-06	7.26E-05
3269	493363.09, 3847377.25	0.002	0.00138	0.00211	0.00301	8.08E-06	4.12E-05	1.35E-05	9.50E-06	7.22E-05	7.35E-06	0.00E+00	1.79E-07	2.59E-07	7.79E-06	9.35E-06	4.12E-05	1.35E-05	9.50E-06	7.35E-05
3270	493863.09, 3847377.25	0.00207	0.0014	0.00206	0.00307	8.37E-06	4.18E-05	1.31E-05	9.69E-06	7.30E-05	7.61E-06	0.00E+00	1.75E-07	2.64E-07	8.05E-06	9.68E-06	4.18E-05	1.31E-05	9.69E-06	7.43E-05
3271	494363.09, 3847377.25	0.00213	0.00145	0.00208	0.00312	8.61E-06	4.33E-05	1.33E-05	9.85E-06	7.50E-05	7.83E-06	0.00E+00	1.77E-07	2.69E-07	8.28E-06	9.96E-06	4.33E-05	1.33E-05	9.85E-06	7.63E-05
3272	494863.09, 3847377.25	0.00219	0.00152	0.00212	0.00319	8.85E-06	4.53E-05	1.35E-05	1.01E-05	7.78E-05	8.05E-06	0.00E+00	1.80E-07	2.75E-07	8.51E-06	1.02E-05	4.53E-05	1.35E-05	1.01E-05	7.92E-05
3273	495363.09, 3847377.25	0.00228	0.0016	0.00221	0.00328	9.22E-06	4.77E-05	1.41E-05	1.04E-05	8.14E-05	8.38E-06	0.00E+00	1.88E-07	2.82E-07	8.85E-06	1.07E-05	4.77E-05	1.41E-05	1.04E-05	8.28E-05
3274	495863.09, 3847377.25	0.00243	0.00169	0.00243	0.00339	9.82E-06	5.04E-05	1.55E-05	1.07E-05	8.64E-05	8.93E-06	0.00E+00	2.07E-07	2.92E-07	9.43E-06	1.14E-05	5.04E-05	1.55E-05	1.07E-05	8.80E-05
3275	496363.09, 3847377.25	0.0026	0.00178	0.0027	0.0035	1.05E-05	5.31E-05	1.72E-05	1.11E-05	9.19E-05	9.56E-06	0.00E+00	2.30E-07	3.01E-07	1.01E-05	1.22E-05	5.31E-05	1.72E-05	1.11E-05	9.35E-05
3276	496863.09, 3847377.25	0.00286	0.0019	0.00298	0.00363	1.16E-05	5.67E-05	1.90E-05	1.15E-05	9.87E-05	1.05E-05	0.00E+00	2.53E-07	3.13E-07	1.11E-05	1.34E-05	5.67E-05	1.90E-05	1.15E-05	1.01E-04
3277	497363.09, 3847377.25	0.00319	0.00208	0.00334	0.0038	1.29E-05	6.21E-05	2.13E-05	1.20E-05	1.08E-04	1.17E-05	0.00E+00	2.84E-07	3.27E-07	1.23E-05	1.49E-05	6.21E-05	2.13E-05	1.20E-05	1.10E-04
3278	497863.09, 3847377.25	0.00362	0.0023	0.00377	0.00395	1.46E-05	6.86E-05	2.40E-05	1.25E-05	1.20E-04	1.33E-05	0.00E+00	3.21E-07	3.40E-07	1.40E-05	1.69E-05	6.86E-05	2.40E-05	1.25E-05	1.22E-04
3279	498363.09, 3847377.25	0.00389	0.00242	0.00399	0.00408	1.57E-05	7.22E-05	2.55E-05	1.29E-05	1.26E-04	1.43E-05	0.00E+00	3.39E-07	3.51E-07	1.50E-05	1.82E-05	7.22E-05	2.55E-05	1.29E-05	1.29E-04
3280	471363.09, 3847877.25	0.00662	0.00422	0.00165	0.00212	2.68E-05	1.26E-04	1.05E-05	6.69E-06	1.70E-04	2.43E-05	0.00E+00	1.40E-07	1.83E-07	2.47E-05	3.10E-05	1.26E-04	1.05E-05	6.69E-06	1.74E-04
3281	471863.09, 3847877.25	0.00659	0.00432	0.00164	0.00214	2.66E-05	1.29E-04	1.05E-05	6.76E-06	1.73E-04	2.42E-05	0.00E+00	1.39E-07	1.84E-07	2.46E-05	3.08E-05	1.29E-04	1.05E-05	6.76E-06	1.77E-04
3282	472363.09, 3847877.25	0.00667	0.00436	0.00161	0.00217	2.70E-05	1.30E-04	1.03E-05	6.85E-06	1.74E-04	2.45E-05	0.00E+00	1.37E-07	1.87E-07	2.48E-05	3.12E-05	1.30E-04	1.03E-05	6.85E-06	1.78E-04
3283	472863.09, 3847877.25	0.00674	0.00426	0.00158	0.00219	2.72E-05	1.27E-04	1.01E-05	6.91E-06	1.71E-04	2.48E-05	0.00E+00	1.34E-07	1.89E-07	2.51E-05	3.15E-05	1.27E-04	1.01E-05	6.91E-06	1.76E-04
3284	473363.09, 3847877.25	0.00669	0.00412	0.00156	0.00221	2.70E-05	1.23E-04	9.95E-06	6.98E-06	1.67E-04	2.46E-05	0.00E+00	1.33E-07	1.90E-07	2.49E-05	3.13E-05	1.23E-04	9.95E-06	6.98E-06	1.71E-04
3285	473863.09, 3847877.25	0.00646	0.00369	0.00159	0.00222	2.61E-05	1.10E-04	1.01E-05	7.01E-06	1.53E-04	2.38E-05	0.00E+00	1.35E-07	1.91E-07	2.41E-05	3.02E-05	1.10E-04	1.01E-05	7.01E-06	1.57E-04
3286	474363.09, 3847877.25	0.00581	0.00305	0.0016	0.00218	2.35E-05	9.10E-05	1.02E-05	6.88E-06	1.32E-04	2.14E-05	0.00E+00	1.36E-07	1.88E-07	2.17E-05	2.72E-05	9.10E-05	1.02E-05	6.88E-06	1.35E-04
3287	474863.09, 3847877.25	0.00593	0.00352	0.00166	0.00216	2.40E-05	1.05E-04	1.06E-05	6.82E-06	1.46E-04	2.18E-05	0.00E+00	1.41E-07	1.86E-07	2.21E-05	2.77E-05	1.05E-04	1.06E-05	6.82E-06	1.50E-04
3288	475363.09, 3847877.25	0.00548	0.0037	0.0017	0.00212	2.22E-05	1.10E-04	1.08E-05	6.69E-06	1.50E-04	2.01E-05	0.00E+00	1.45E-07	1.83E-07	2.05E-05	2.56E-05	1.10E-04	1.08E-05	6.69E-06	1.54E-04
3289	475863.09, 3847877.25	0.00487	0.00383	0.0017	0.0021	1.97E-05	1.14E-04	1.08E-05	6.63E-06	1.51E-04	1.79E-05	0.00E+00	1.45E-07	1.81E-07	1.82E-05	2.28E-05	1.14E-04	1.08E-05	6.63E-06	1.55E-04
3290	476363.09, 3847877.25	0.00589	0.00492	0.00172	0.0022	2.38E-05	1.47E-04	1.10E-05	6.95E-06	1.89E-04	2.17E-05	0.00E+00	1.46E-07	1.89E-07	2.20E-05	2.75E-05	1.47E-04	1.10E-05	6.95E-06	1.92E-04
3291	476863.09, 3847877.25	0.00718	0.00481	0.00169	0.00234	2.90E-05	1.43E-04	1.08E-05	7.39E-06	1.91E-04	2.64E-05	0.00E+00	1.44E-07	2.01E-07	2.67E-05	3.36E-05	1.43E-04	1.08E-05	7.39E-06	1.95E-04
3292	477363.09, 3847877.25	0.00952	0.00449	0.00167	0.0024	3.85E-05	1.34E-04	1.07E-05	7.58E-06	1.91E-04	3.50E-05	0.00E+00	1.42E-07	2.07E-07	3.53E-05	4.45E-05	1.34E-04	1.07E-05	7.58E-06	1.97E-04
3293	477863.09, 3847877.25	0.00979	0.00394	0.00168	0.00239	3.96E-05	1.18E-04	1.07E-05	7.55E-06	1.75E-04	3.60E-05	0.00E+00	1.43E-07	2.06E-07	3.63E-05	4.58E-05	1.18E-04	1.07E-05	7.55E-06	1.82E-04
3294	478363.09, 3847877.25	0.00917	0.00345	0.0018	0.00241	3.71E-05	1.03E-04	1.15E-05	7.61E-06	1.59E-04	3.37E-05	0.00E+00	1.53E-07	2.08E-07	3.41E-05	4.29E-05	1.03E-04	1.15E-05	7.61E-06	1.65E-04
3295	478863.09, 3847877.25	0.00742	0.00329	0.00235	0.00265	3.00E-05	9.82E-05	1.50E-05	8.37E-06	1.52E-04	2.73E-05	0.00E+00	2.00E-07	2.28E-07	2.77E-05	3.47E-05	9.82E-05	1.50E-05	8.37E-06	1.56E-04
3296	479363.09, 3847877.25	0.00468	0.00245	0.0024	0.00239	1.89E-05	7.31E-05	1.53E-05	7.55E-06	1.15E-04	1.72E-05	0.00E+00	2.04E-07	2.06E-07	1.76E-05	2.19E-05	7.31E-05	1.53E-05	7.55E-06	1.18E-04
3297	479863.09, 3847877.25	0.00298	0.00174	0.00183	0.00229	1.20E-05	5.19E-05	1.17E-05	7.23E-06	8.29E-05	1.10E-05	0.00E+00	1.56E-07	1.97E-07	1.13E-05	1.39E-05	5.19E-05	1.17E-05	7.23E-06	8.47E-05
3298	480363.09, 3847877.25	0.0029	0.00177	0.00189	0.00236	1.17E-05	5.28E-05	1.21E-05	7.45E-06	8.40E-05	1.07E-05	0.00E+00	1.61E-07	2.03E-07	1.10E-05	1.36E-05	5.28E-05	1.21E-05	7.45E-06	8.59E-05
3299	480863.09, 3847877.25	0.00258	0.00168	0.00187	0.00244	1.04E-05	5.01E-05	1.19E-05	7.70E-06	8.02E-05	9.49E-06	0.00E+00	1.59E-07	2.10E-07	9.85E-06	1.21E-05	5.01E-05	1.19E-05	7.70E-06	8.18E-05
3300	481363.09, 3847877.25	0.00267	0.00168	0.00186	0.00252	1.08E-05	5.01E-05	1.19E-05	7.96E-06	8.07E-05	9.82E-06	0.00E+00	1.58E-07	2.17E-07	1.02E-05	1.25E-05	5.01E-05	1.19E-05	7.96E-06	8.24E-05

3301	481863.09, 3847877.25	0.00346	0.00197	0.00201	0.00263	1.40E-05	5.88E-05	1.28E-05	8.30E-06	9.39E-05	1.27E-05	0.00E+00	1.71E-07	2.26E-07	1.31E-05	1.62E-05	5.88E-05	1.28E-05	8.30E-06	9.61E-05
3302	482363.09, 3847877.25	0.00309	0.00189	0.00206	0.00259	1.25E-05	5.64E-05	1.31E-05	8.18E-06	9.02E-05	1.14E-05	0.00E+00	1.75E-07	2.23E-07	1.18E-05	1.45E-05	5.64E-05	1.31E-05	8.18E-06	9.22E-05
3303	482863.09, 3847877.25	0.00279	0.00174	0.00219	0.00254	1.13E-05	5.19E-05	1.40E-05	8.02E-06	8.52E-05	1.03E-05	0.00E+00	1.86E-07	2.19E-07	1.07E-05	1.30E-05	5.19E-05	1.40E-05	8.02E-06	8.69E-05
3304	483363.09, 3847877.25	0.00267	0.00168	0.00237	0.00254	1.08E-05	5.01E-05	1.51E-05	8.02E-06	8.40E-05	9.82E-06	0.00E+00	2.02E-07	2.19E-07	1.02E-05	1.25E-05	5.01E-05	1.51E-05	8.02E-06	8.57E-05
3305	483863.09, 3847877.25	0.00275	0.00164	0.00262	0.00258	1.11E-05	4.89E-05	1.67E-05	8.15E-06	8.49E-05	1.01E-05	0.00E+00	2.23E-07	2.22E-07	1.06E-05	1.29E-05	4.89E-05	1.67E-05	8.15E-06	8.66E-05
3306	484363.09, 3847877.25	0.00266	0.00164	0.00299	0.00263	1.08E-05	4.89E-05	1.91E-05	8.30E-06	8.71E-05	9.78E-06	0.00E+00	2.54E-07	2.26E-07	1.03E-05	1.24E-05	4.89E-05	1.91E-05	8.30E-06	8.87E-05
3307	484863.09, 3847877.25	0.00257	0.00162	0.00335	0.00265	1.04E-05	4.83E-05	2.14E-05	8.37E-06	8.85E-05	9.45E-06	0.00E+00	2.85E-07	2.28E-07	9.96E-06	1.20E-05	4.83E-05	2.14E-05	8.37E-06	9.01E-05
3308	485363.09, 3847877.25	0.00257	0.00161	0.00337	0.00264	1.04E-05	4.80E-05	2.15E-05	8.34E-06	8.83E-05	9.45E-06	0.00E+00	2.87E-07	2.27E-07	9.96E-06	1.20E-05	4.80E-05	2.15E-05	8.34E-06	8.99E-05
3309	485863.09, 3847877.25	0.00239	0.00157	0.00307	0.0026	9.66E-06	4.68E-05	1.96E-05	8.21E-06	8.43E-05	8.79E-06	0.00E+00	2.61E-07	2.24E-07	9.27E-06	1.12E-05	4.68E-05	1.96E-05	8.21E-06	8.58E-05
3310	486363.09, 3847877.25	0.00214	0.00152	0.00248	0.00255	8.65E-06	4.53E-05	1.58E-05	8.05E-06	7.79E-05	7.87E-06	0.00E+00	2.11E-07	2.20E-07	8.30E-06	1.00E-05	4.53E-05	1.58E-05	8.05E-06	7.92E-05
3311	486863.09, 3847877.25	0.00206	0.00149	0.00221	0.00253	8.33E-06	4.45E-05	1.41E-05	7.99E-06	7.49E-05	7.57E-06	0.00E+00	1.88E-07	2.18E-07	7.98E-06	9.63E-06	4.45E-05	1.41E-05	7.99E-06	7.62E-05
3312	487363.09, 3847877.25	0.00198	0.00141	0.00202	0.00255	8.00E-06	4.21E-05	1.29E-05	8.05E-06	7.10E-05	7.28E-06	0.00E+00	1.72E-07	2.20E-07	7.67E-06	9.26E-06	4.21E-05	1.29E-05	8.05E-06	7.23E-05
3313	487863.09, 3847877.25	0.00187	0.00134	0.00201	0.00255	7.56E-06	4.00E-05	1.28E-05	8.05E-06	6.84E-05	6.88E-06	0.00E+00	1.71E-07	2.20E-07	7.27E-06	8.75E-06	4.00E-05	1.28E-05	8.05E-06	6.96E-05
3314	488363.09, 3847877.25	0.0018	0.00133	0.00224	0.00257	7.28E-06	3.97E-05	1.43E-05	8.11E-06	6.94E-05	6.62E-06	0.00E+00	1.91E-07	2.21E-07	7.03E-06	8.42E-06	3.97E-05	1.43E-05	8.11E-06	7.05E-05
3315	488863.09, 3847877.25	0.00181	0.00135	0.00255	0.00261	7.32E-06	4.03E-05	1.63E-05	8.24E-06	7.21E-05	6.65E-06	0.00E+00	2.17E-07	2.25E-07	7.10E-06	8.46E-06	4.03E-05	1.63E-05	8.24E-06	7.32E-05
3316	489363.09, 3847877.25	0.00181	0.00135	0.00277	0.00265	7.32E-06	4.03E-05	1.77E-05	8.37E-06	7.36E-05	6.65E-06	0.00E+00	2.36E-07	2.28E-07	7.12E-06	8.46E-06	4.03E-05	1.77E-05	8.37E-06	7.48E-05
3317	489863.09, 3847877.25	0.00185	0.00141	0.00276	0.00271	7.48E-06	4.21E-05	1.76E-05	8.56E-06	7.57E-05	6.80E-06	0.00E+00	2.35E-07	2.33E-07	7.27E-06	8.65E-06	4.21E-05	1.76E-05	8.56E-06	7.69E-05
3318	490363.09, 3847877.25	0.00186	0.00142	0.00256	0.00278	7.52E-06	4.24E-05	1.63E-05	8.78E-06	7.50E-05	6.84E-06	0.00E+00	2.18E-07	2.39E-07	7.30E-06	8.70E-06	4.24E-05	1.63E-05	8.78E-06	7.62E-05
3319	490863.09, 3847877.25	0.00191	0.00142	0.00244	0.00284	7.72E-06	4.24E-05	1.56E-05	8.97E-06	7.46E-05	7.02E-06	0.00E+00	2.08E-07	2.45E-07	7.47E-06	8.93E-06	4.24E-05	1.56E-05	8.97E-06	7.58E-05
3320	491363.09, 3847877.25	0.00192	0.00141	0.00246	0.0029	7.76E-06	4.21E-05	1.57E-05	9.16E-06	7.47E-05	7.06E-06	0.00E+00	2.09E-07	2.50E-07	7.52E-06	8.98E-06	4.21E-05	1.57E-05	9.16E-06	7.59E-05
3321	491863.09, 3847877.25	0.002	0.00144	0.00247	0.00301	8.08E-06	4.30E-05	1.58E-05	9.50E-06	7.63E-05	7.35E-06	0.00E+00	2.10E-07	2.59E-07	7.82E-06	9.35E-06	4.30E-05	1.58E-05	9.50E-06	7.76E-05
3322	492363.09, 3847877.25	0.0021	0.00148	0.00242	0.00314	8.49E-06	4.42E-05	1.54E-05	9.91E-06	7.80E-05	7.72E-06	0.00E+00	2.06E-07	2.70E-07	8.20E-06	9.82E-06	4.42E-05	1.54E-05	9.91E-06	7.93E-05
3323	492863.09, 3847877.25	0.0022	0.0015	0.00229	0.00322	8.89E-06	4.47E-05	1.46E-05	1.02E-05	7.84E-05	8.09E-06	0.00E+00	1.95E-07	2.77E-07	8.56E-06	1.03E-05	4.47E-05	1.46E-05	1.02E-05	7.98E-05
3324	493363.09, 3847877.25	0.0022	0.00149	0.00217	0.00324	8.89E-06	4.45E-05	1.38E-05	1.02E-05	7.74E-05	8.09E-06	0.00E+00	1.85E-07	2.79E-07	8.55E-06	1.03E-05	4.45E-05	1.38E-05	1.02E-05	7.88E-05
3325	493863.09, 3847877.25	0.00222	0.00151	0.00212	0.0033	8.97E-06	4.50E-05	1.35E-05	1.04E-05	7.80E-05	8.16E-06	0.00E+00	1.80E-07	2.84E-07	8.63E-06	1.04E-05	4.50E-05	1.35E-05	1.04E-05	7.94E-05
3326	494363.09, 3847877.25	0.00226	0.00157	0.00215	0.00337	9.14E-06	4.68E-05	1.37E-05	1.06E-05	8.03E-05	8.31E-06	0.00E+00	1.83E-07	2.90E-07	8.78E-06	1.06E-05	4.68E-05	1.37E-05	1.06E-05	8.18E-05
3327	494863.09, 3847877.25	0.00236	0.00166	0.00222	0.00346	9.54E-06	4.95E-05	1.42E-05	1.09E-05	8.41E-05	8.68E-06	0.00E+00	1.89E-07	2.98E-07	9.16E-06	1.10E-05	4.95E-05	1.42E-05	1.09E-05	8.56E-05
3328	495363.09, 3847877.25	0.00245	0.00172	0.0024	0.00353	9.90E-06	5.13E-05	1.53E-05	1.11E-05	8.77E-05	9.01E-06	0.00E+00	2.04E-07	3.04E-07	9.52E-06	1.15E-05	5.13E-05	1.53E-05	1.11E-05	8.92E-05
3329	495863.09, 3847877.25	0.0024	0.00169	0.00249	0.00357	9.70E-06	5.04E-05	1.59E-05	1.13E-05	8.73E-05	8.82E-06	0.00E+00	2.12E-07	3.07E-07	9.34E-06	1.12E-05	5.04E-05	1.59E-05	1.13E-05	8.88E-05
3330	496363.09, 3847877.25	0.00285	0.00192	0.00297	0.0038	1.15E-05	5.73E-05	1.89E-05	1.20E-05	9.97E-05	1.05E-05	0.00E+00	2.53E-07	3.27E-07	1.11E-05	1.33E-05	5.73E-05	1.89E-05	1.20E-05	1.02E-04
3331	496863.09, 3847877.25	0.00316	0.00207	0.00328	0.00395	1.28E-05	6.18E-05	2.09E-05	1.25E-05	1.08E-04	1.16E-05	0.00E+00	2.79E-07	3.40E-07	1.22E-05	1.48E-05	6.18E-05	2.09E-05	1.25E-05	1.10E-04
3332	497363.09, 3847877.25	0.00355	0.00227	0.00361	0.00411	1.43E-05	6.77E-05	2.30E-05	1.30E-05	1.18E-04	1.31E-05	0.00E+00	3.07E-07	3.54E-07	1.37E-05	1.66E-05	6.77E-05	2.30E-05	1.30E-05	1.20E-04
3333	497863.09, 3847877.25	0.00426	0.00261	0.00414	0.00432	1.72E-05	7.79E-05	2.64E-05	1.36E-05	1.35E-04	1.57E-05	0.00E+00	3.52E-07	3.72E-07	1.64E-05	1.99E-05	7.79E-05	2.64E-05	1.36E-05	1.38E-04
3334	498363.09, 3847877.25	0.00467	0.00279	0.0044	0.00449	1.89E-05	8.32E-05	2.81E-05	1.42E-05	1.44E-04	1.72E-05	0.00E+00	3.74E-07	3.87E-07	1.79E-05	2.18E-05	8.32E-05	2.81E-05	1.42E-05	1.47E-04
3335	471363.09, 3848377.25	0.00683	0.00458	0.00163	0.0022	2.76E-05	1.37E-04	1.04E-05	6.95E-06	1.82E-04	2.51E-05	0.00E+00	1.39E-07	1.89E-07	2.54E-05	3.19E-05	1.37E-04	1.04E-05	6.95E-06	1.86E-04
3336	471863.09, 3848377.25	0.00724	0.0046	0.00169	0.00222	2.93E-05	1.37E-04	1.08E-05	7.01E-06	1.84E-04	2.66E-05	0.00E+00	1.44E-07	1.91E-07	2.70E-05	3.39E-05	1.37E-04	1.08E-05	7.01E-06	1.89E-04
3337	472363.09, 3848377.25	0.0073	0.00463	0.00171	0.00225	2.95E-05	1.38E-04	1.09E-05	7.10E-06	1.86E-04	2.68E-05	0.00E+00	1.45E-07	1.94E-07	2.72E-05	3.41E-05	1.38E-04	1.09E-05	7.10E-06	1.90E-04
3338	472863.09, 3848377.25	0.00732	0.00473	0.0017	0.00227	2.96E-05	1.41E-04	1.08E-05	7.17E-06	1.89E-04	2.69E-05	0.00E+00	1.45E-07	1.95E-07	2.73E-05	3.42E-05	1.41E-04	1.08E-05	7.17E-06	1.93E-04
3339	473363.09, 3848377.25	0.0074	0.00466	0.00166	0.0023	2.99E-05	1.39E-04	1.06E-05	7.26E-06	1.87E-04	2.72E-05	0.00E+00	1.41E-07	1.98E-07	2.75E-05	3.46E-05	1.39E-04	1.06E-05	7.26E-06	1.91E-04
3340	473863.09, 3848377.25	0.00743	0.00452	0.00164	0.00232	3.00E-05	1.35E-04	1.05E-05	7.33E-06	1.83E-04	2.73E-05	0.00E+00	1.39E-07	2.00E-07	2.77E-05	3.47E-05	1.35E-04	1.05E-05	7.33E-06	1.87E-04
3341	474363.09, 3848377.25	0.00725	0.00417	0.00164	0.00233	2.93E-05	1.24E-04	1.05E-05	7.36E-06	1.72E-04	2.67E-05	0.00E+00	1.39E-07	2.01E-07	2.70E-05	3.39E-05	1.24E-04	1.05E-05	7.36E-06	1.76E-04
3342	474863.09, 3848377.25	0.00671	0.00354	0.00167	0.0023	2.71E-05	1.06E-04	1.07E-05	7.26E-06	1.51E-04	2.47E-05	0.00E+00	1.42E-07	1.98E-07	2.50E-05	3.14E-05	1.06E-04	1.07E-05	7.26E-06	1.55E-04
3343	475363.09, 3848377.25	0.00696	0.00428	0.00173	0.00228	2.81E-05	1.28E-04	1.10E-05	7.20E-06	1.74E-04	2.56E-05	0.00E+00	1.47E-07	1.96E-07	2.59E-05	3.25E-05	1.28E-04	1.10E-05	7.20E-06	1.78E-04
3344	475863.09, 3848377.25	0.00643	0.00433	0.00178	0.00224	2.60E-05	1.29E-04	1.14E-05	7.07E-06	1.74E-04	2.36E-05	0.00E+00	1.51E-07	1.93E-07	2.40E-05	3.01E-05	1.29E-04	1.14E-05	7.07E-06	1.78E-04
3345	476363.09, 3848377.25	0.00556	0.00426	0.00179	0.00223	2.25E-05	1.27E-04	1.14E-05	7.04E-06	1.68E-04	2.04E-05	0.00E+00	1.52E-07	1.92E-07	2.08E-05	2.60E-05	1.27E-04	1.14E-05	7.04E-06	1.72E-04
3346	476863.09, 3848377.25	0.00663	0.00578	0.0018	0.00234	2.68E-05	1.72E-04	1.15E-05	7.39E-06	2.18E-04	2.44E-05	0.00E+00	1.53E-07	2.01E-07	2.47E-05	3.10E-05	1.72E-04	1.15E-05	7.39E-06	2.22E-04
3347	477363.09, 3848377.25	0.00787	0.00519	0.00177	0.00248	3.18E-05	1.55E-04	1.13E-05	7.83E-06	2.06E-04	2.89E-05	0.00E+00	1.51E-07	2.14E-07	2.93E-05	3.68E-05	1.55E-04	1.13E-05	7.83E-06	2.11E-04
3348	477863.09, 3848377.25	0.01061	0.00494	0.00175	0.00254	4.29E-05	1.47E-04	1.12E-05	8.02E-06	2.09E-04	3.90E-05	0.00E+00	1.49E-07	2.19E-07	3.94E-05	4.96E-05	1.47E-04	1.12E-05	8.02E-06	2.16E-04
3349	478363.09, 3848377.25	0.0109	0.00418	0.00176	0.00253	4.41E-05	1.25E-04	1.12E-05	7.99E-06	1.88E-04	4.01E-05	0.00E+00	1.50E-07	2.18E-07	4.04E-05	5.10E-05	1.25E-04	1.12E-05	7.99E-06	1.95E-04
3350	478863.09, 3848377.25	0.00978	0.00357	0.00198	0.00272	3.95E-05	1.07E-04	1.26E-05	8.59E-06	1.67E-04	3.60E-05	0.00E+00	1.68E-07	2.34E-07	3.64E-05	4.57E-05	1.07E-04	1.26E-05	8.59E-06	1.73E-04
3351	479363.09, 3848377.25	0.00606	0.00278	0.00225	0.00256	2.45E-05	8.29E-05	1.44E-05	8.08E-06	1.30E-04	2.23E-05	0.00E+00	1.91E-07	2.20E-07	2.27E-05	2.83E-05	8.29E-05	1.44E-05	8.08E-06	1.34E-04
3352	479863.09, 3848377.25	0.00231	0.00153	0.00174	0.00234	9.34E-06	4.56E-05	1.11E-05	7.39E-06	7.35E-05	8.49E-06	0.00E+00	1.48E-07	2.01E-07	8.84E-06	1.08E-05	4.56E-05	1.11E-05	7.39E-06	7.49E-05
3353	480363.09, 3848377.25	0.00307	0.00182	0.00192	0.00245	1.24E-05	5.43E-05	1.22E-05	7.74E-06	8.67E-05	1.13E-05	0.00E+00	1.63E-07	2.11E-07	1.17E-05	1.44E-05	5.43E-05	1.22E-05	7.74E-06	8.86E-05
3354	480863.09, 3848377.25	0.004	0.00218	0.00211	0.00258	1.62E-05	6.50E-05	1.35E-05	8.15E-06	1.03E-04	1.47E-05	0.00E+00	1.79E-07	2.22E-07	1.51E-05	1.87E-05	6.50E-05	1.35E-05	8.15E-06	1.05E-04
3355	481363.09, 3848377.25	0.0042	0.00219	0.00204	0.0027	1.70E-05	6.53E-05	1.30E-05	8.52E-06	1.04E-04	1.54E-05	0.00E+00	1.73E-07	2.32E-07	1.58E-05	1.96E-05	6.53E-05	1.30E-05	8.52E-06	1.07E-04
3356	481863.09, 3848377.25	0.00419	0.00221	0.00213	0.0028	1.69E-05	6.59E-05	1.36E-05	8.84E-06	1.05E-04	1.54E-05	0.00E+00	1.81E-07	2.41E-07	1.58E-05	1.96E-05	6.59E-05	1.36E-05	8.84E-06	1.08E-04
3357	482363.09, 3848377.25	0.00395	0.00218	0.00222	0.00276	1.60E-05	6.50E-05	1.42E-05	8.71E-06	1.04E-04	1.45E-05	0.00E+00	1.89E-07	2.38E-07	1.49E-05	1.85E-05	6.50E-05	1.42E-05	8.71E-06	1.06E-04
3358	482863.09, 3848377.25	0.00334	0.00197	0.00225	0.00269	1.35E-05	5.88E-05	1.44E-05	8.49E-06	9.51E-05	1.23E-05	0.00E+00	1.91E-07	2.32E-07	1.27E-05	1.56E-05	5.88E-05	1.44E-05	8.49E-06	9.72E-05
3359	483363.09, 3848377.25	0.00326	0.00192	0.00241	0.00268	1.32E-05	5.73E-05	1.54E-05	8.46E-06	9.43E-05	1.20E-05	0.00E+00	2.05E-07	2.31E-07	1.24E-05	1.52E-05	5.73E-05	1.54E-05	8.46E-06	9.64E-05

3360	483863.09, 3848377.25	0.00311	0.00179	0.00263	0.00271	1.26E-05	5.34E-05	1.68E-05	8.56E-06	9.13E-05	1.14E-05	0.00E+00	2.24E-07	2.33E-07	1.19E-05	1.45E-05	5.34E-05	1.68E-05	8.56E-06	9.33E-05
3361	484363.09, 3848377.25	0.00296	0.00175	0.00298	0.00277	1.20E-05	5.22E-05	1.90E-05	8.75E-06	9.19E-05	1.09E-05	0.00E+00	2.53E-07	2.39E-07	1.14E-05	1.38E-05	5.22E-05	1.90E-05	8.75E-06	9.38E-05
3362	484863.09, 3848377.25	0.00312	0.00185	0.00348	0.00283	1.26E-05	5.52E-05	2.22E-05	8.94E-06	9.89E-05	1.15E-05	0.00E+00	2.96E-07	2.44E-07	1.20E-05	1.46E-05	5.52E-05	2.22E-05	8.94E-06	1.01E-04
3363	485363.09, 3848377.25	0.00302	0.0018	0.00366	0.00282	1.22E-05	5.37E-05	2.33E-05	8.90E-06	9.82E-05	1.11E-05	0.00E+00	3.11E-07	2.43E-07	1.17E-05	1.41E-05	5.37E-05	2.33E-05	8.90E-06	1.00E-04
3364	485863.09, 3848377.25	0.00275	0.00172	0.00339	0.00277	1.11E-05	5.13E-05	2.16E-05	8.75E-06	9.28E-05	1.01E-05	0.00E+00	2.88E-07	2.39E-07	1.06E-05	1.29E-05	5.13E-05	2.16E-05	8.75E-06	9.45E-05
3365	486363.09, 3848377.25	0.0025	0.00169	0.00277	0.00272	1.01E-05	5.04E-05	1.77E-05	8.59E-06	8.68E-05	9.19E-06	0.00E+00	2.36E-07	2.34E-07	9.66E-06	1.17E-05	5.04E-05	1.77E-05	8.59E-06	8.84E-05
3366	486863.09, 3848377.25	0.00241	0.00166	0.00238	0.0027	9.74E-06	4.95E-05	1.52E-05	8.52E-06	8.30E-05	8.86E-06	0.00E+00	2.02E-07	2.32E-07	9.30E-06	1.13E-05	4.95E-05	1.52E-05	8.52E-06	8.45E-05
3367	487363.09, 3848377.25	0.00218	0.00152	0.00214	0.0027	8.81E-06	4.53E-05	1.37E-05	8.52E-06	7.63E-05	8.01E-06	0.00E+00	1.82E-07	2.32E-07	8.43E-06	1.02E-05	4.53E-05	1.37E-05	8.52E-06	7.77E-05
3368	487863.09, 3848377.25	0.0021	0.00148	0.00212	0.00272	8.49E-06	4.42E-05	1.35E-05	8.59E-06	7.48E-05	7.72E-06	0.00E+00	1.80E-07	2.34E-07	8.14E-06	9.82E-06	4.42E-05	1.35E-05	8.59E-06	7.61E-05
3369	488363.09, 3848377.25	0.00206	0.00149	0.00237	0.00275	8.33E-06	4.45E-05	1.51E-05	8.68E-06	7.66E-05	7.57E-06	0.00E+00	2.02E-07	2.37E-07	8.01E-06	9.63E-06	4.45E-05	1.51E-05	8.68E-06	7.79E-05
3370	488863.09, 3848377.25	0.00206	0.00149	0.0027	0.0028	8.33E-06	4.45E-05	1.72E-05	8.84E-06	7.88E-05	7.57E-06	0.00E+00	2.30E-07	2.41E-07	8.04E-06	9.63E-06	4.45E-05	1.72E-05	8.84E-06	8.01E-05
3371	489363.09, 3848377.25	0.00208	0.00151	0.00292	0.00285	8.41E-06	4.50E-05	1.86E-05	9.00E-06	8.11E-05	7.65E-06	0.00E+00	2.48E-07	2.45E-07	8.14E-06	9.73E-06	4.50E-05	1.86E-05	9.00E-06	8.24E-05
3372	489863.09, 3848377.25	0.00217	0.0016	0.0029	0.00295	8.77E-06	4.77E-05	1.85E-05	9.31E-06	8.43E-05	7.98E-06	0.00E+00	2.47E-07	2.54E-07	8.48E-06	1.01E-05	4.77E-05	1.85E-05	9.31E-06	8.57E-05
3373	490363.09, 3848377.25	0.00225	0.0016	0.00272	0.00303	9.09E-06	4.77E-05	1.73E-05	9.57E-06	8.37E-05	8.27E-06	0.00E+00	2.31E-07	2.61E-07	8.76E-06	1.05E-05	4.77E-05	1.73E-05	9.57E-06	8.52E-05
3374	490863.09, 3848377.25	0.00225	0.00159	0.00263	0.00311	9.09E-06	4.74E-05	1.68E-05	9.82E-06	8.31E-05	8.27E-06	0.00E+00	2.24E-07	2.68E-07	8.76E-06	1.05E-05	4.74E-05	1.68E-05	9.82E-06	8.46E-05
3375	491363.09, 3848377.25	0.00229	0.00161	0.00268	0.00321	9.26E-06	4.80E-05	1.71E-05	1.01E-05	8.45E-05	8.42E-06	0.00E+00	2.28E-07	2.76E-07	8.92E-06	1.07E-05	4.80E-05	1.71E-05	1.01E-05	8.60E-05
3376	491863.09, 3848377.25	0.00235	0.00163	0.00263	0.00333	9.50E-06	4.86E-05	1.68E-05	1.05E-05	8.54E-05	8.64E-06	0.00E+00	2.24E-07	2.87E-07	9.15E-06	1.10E-05	4.86E-05	1.68E-05	1.05E-05	8.69E-05
3377	492363.09, 3848377.25	0.00235	0.00161	0.00248	0.00342	9.50E-06	4.80E-05	1.58E-05	1.08E-05	8.41E-05	8.64E-06	0.00E+00	2.11E-07	2.94E-07	9.15E-06	1.10E-05	4.80E-05	1.58E-05	1.08E-05	8.56E-05
3378	492863.09, 3848377.25	0.00232	0.00159	0.00231	0.00344	9.38E-06	4.74E-05	1.47E-05	1.09E-05	8.24E-05	8.53E-06	0.00E+00	1.96E-07	2.96E-07	9.02E-06	1.08E-05	4.74E-05	1.47E-05	1.09E-05	8.39E-05
3379	493363.09, 3848377.25	0.00237	0.00161	0.00218	0.0035	9.58E-06	4.80E-05	1.39E-05	1.11E-05	8.26E-05	8.71E-06	0.00E+00	1.85E-07	3.01E-07	9.20E-06	1.11E-05	4.80E-05	1.39E-05	1.11E-05	8.41E-05
3380	493863.09, 3848377.25	0.0024	0.00165	0.00223	0.00355	9.70E-06	4.92E-05	1.42E-05	1.12E-05	8.44E-05	8.82E-06	0.00E+00	1.90E-07	3.06E-07	9.32E-06	1.12E-05	4.92E-05	1.42E-05	1.12E-05	8.59E-05
3381	494363.09, 3848377.25	0.00246	0.00172	0.00222	0.00363	9.94E-06	5.13E-05	1.42E-05	1.15E-05	8.69E-05	9.04E-06	0.00E+00	1.89E-07	3.13E-07	9.55E-06	1.15E-05	5.13E-05	1.42E-05	1.15E-05	8.84E-05
3382	494863.09, 3848377.25	0.00263	0.00182	0.00235	0.00375	1.06E-05	5.43E-05	1.50E-05	1.18E-05	9.18E-05	9.67E-06	0.00E+00	2.00E-07	3.23E-07	1.02E-05	1.23E-05	5.43E-05	1.50E-05	1.18E-05	9.34E-05
3383	495363.09, 3848377.25	0.00265	0.00183	0.00257	0.00383	1.07E-05	5.46E-05	1.64E-05	1.21E-05	9.38E-05	9.74E-06	0.00E+00	2.19E-07	3.30E-07	1.03E-05	1.24E-05	5.46E-05	1.64E-05	1.21E-05	9.55E-05
3384	495863.09, 3848377.25	0.00281	0.00191	0.00283	0.00394	1.14E-05	5.70E-05	1.81E-05	1.24E-05	9.88E-05	1.03E-05	0.00E+00	2.41E-07	3.39E-07	1.09E-05	1.31E-05	5.70E-05	1.81E-05	1.24E-05	1.01E-04
3385	496363.09, 3848377.25	0.00315	0.00208	0.00322	0.00412	1.27E-05	6.21E-05	2.05E-05	1.30E-05	1.08E-04	1.16E-05	0.00E+00	2.74E-07	3.55E-07	1.22E-05	1.47E-05	6.21E-05	2.05E-05	1.30E-05	1.10E-04
3386	496863.09, 3848377.25	0.00329	0.00217	0.00345	0.00423	1.33E-05	6.47E-05	2.20E-05	1.34E-05	1.13E-04	1.21E-05	0.00E+00	2.93E-07	3.64E-07	1.28E-05	1.54E-05	6.47E-05	2.20E-05	1.34E-05	1.15E-04
3387	497363.09, 3848377.25	0.00382	0.00242	0.00386	0.00444	1.54E-05	7.22E-05	2.46E-05	1.40E-05	1.26E-04	1.40E-05	0.00E+00	3.28E-07	3.82E-07	1.48E-05	1.79E-05	7.22E-05	2.46E-05	1.40E-05	1.29E-04
3388	497863.09, 3848377.25	0.00518	0.00303	0.00457	0.00478	2.09E-05	9.04E-05	2.91E-05	1.51E-05	1.56E-04	1.90E-05	0.00E+00	3.89E-07	4.12E-07	1.98E-05	2.42E-05	9.04E-05	2.91E-05	1.51E-05	1.59E-04
3389	498363.09, 3848377.25	0.00558	0.00317	0.00463	0.00491	2.26E-05	9.46E-05	2.95E-05	1.55E-05	1.62E-04	2.05E-05	0.00E+00	3.94E-07	4.23E-07	2.13E-05	2.61E-05	9.46E-05	2.95E-05	1.55E-05	1.66E-04
3390	471363.09, 3848877.25	0.00624	0.00487	0.00156	0.00229	2.52E-05	1.45E-04	9.95E-06	7.23E-06	1.88E-04	2.29E-05	0.00E+00	1.33E-07	1.97E-07	2.33E-05	2.92E-05	1.45E-04	9.95E-06	7.23E-06	1.92E-04
3391	471863.09, 3848877.25	0.00693	0.00503	0.00164	0.00231	2.80E-05	1.50E-04	1.05E-05	7.29E-06	1.96E-04	2.55E-05	0.00E+00	1.39E-07	1.99E-07	2.58E-05	3.24E-05	1.50E-04	1.05E-05	7.29E-06	2.00E-04
3392	472363.09, 3848877.25	0.00763	0.00507	0.00171	0.00234	3.08E-05	1.51E-04	1.09E-05	7.39E-06	2.00E-04	2.81E-05	0.00E+00	1.45E-07	2.01E-07	2.84E-05	3.57E-05	1.51E-04	1.09E-05	7.39E-06	2.05E-04
3393	472863.09, 3848877.25	0.00805	0.00507	0.00177	0.00236	3.25E-05	1.51E-04	1.13E-05	7.45E-06	2.03E-04	2.96E-05	0.00E+00	1.51E-07	2.03E-07	2.99E-05	3.76E-05	1.51E-04	1.13E-05	7.45E-06	2.08E-04
3394	473363.09, 3848877.25	0.00816	0.0052	0.00178	0.00239	3.30E-05	1.55E-04	1.14E-05	7.55E-06	2.07E-04	3.00E-05	0.00E+00	1.51E-07	2.06E-07	3.04E-05	3.82E-05	1.55E-04	1.14E-05	7.55E-06	2.12E-04
3395	473863.09, 3848877.25	0.0082	0.00516	0.00176	0.00242	3.31E-05	1.54E-04	1.12E-05	7.64E-06	2.06E-04	3.01E-05	0.00E+00	1.50E-07	2.08E-07	3.05E-05	3.83E-05	1.54E-04	1.12E-05	7.64E-06	2.11E-04
3396	474363.09, 3848877.25	0.00828	0.00508	0.00173	0.00244	3.35E-05	1.52E-04	1.10E-05	7.70E-06	2.04E-04	3.04E-05	0.00E+00	1.47E-07	2.10E-07	3.08E-05	3.87E-05	1.52E-04	1.10E-05	7.70E-06	2.09E-04
3397	474863.09, 3848877.25	0.00808	0.0045	0.00172	0.00246	3.27E-05	1.34E-04	1.10E-05	7.77E-06	1.86E-04	2.97E-05	0.00E+00	1.46E-07	2.12E-07	3.01E-05	3.78E-05	1.34E-04	1.10E-05	7.77E-06	1.91E-04
3398	475363.09, 3848877.25	0.00786	0.0043	0.00174	0.00245	3.18E-05	1.28E-04	1.11E-05	7.74E-06	1.79E-04	2.89E-05	0.00E+00	1.48E-07	2.11E-07	2.93E-05	3.68E-05	1.28E-04	1.11E-05	7.74E-06	1.84E-04
3399	475863.09, 3848877.25	0.00796	0.00497	0.00179	0.00242	3.22E-05	1.48E-04	1.14E-05	7.64E-06	2.00E-04	2.93E-05	0.00E+00	1.52E-07	2.08E-07	2.96E-05	3.72E-05	1.48E-04	1.14E-05	7.64E-06	2.05E-04
3400	476363.09, 3848877.25	0.0076	0.00531	0.00185	0.00239	3.07E-05	1.58E-04	1.18E-05	7.55E-06	2.08E-04	2.79E-05	0.00E+00	1.57E-07	2.06E-07	2.83E-05	3.55E-05	1.58E-04	1.18E-05	7.55E-06	2.13E-04
3401	476863.09, 3848877.25	0.00686	0.00541	0.00189	0.00239	2.77E-05	1.61E-04	1.21E-05	7.55E-06	2.09E-04	2.52E-05	0.00E+00	1.61E-07	2.06E-07	2.56E-05	3.21E-05	1.61E-04	1.21E-05	7.55E-06	2.13E-04
3402	477363.09, 3848877.25	0.00749	0.00687	0.00189	0.00248	3.03E-05	2.05E-04	1.21E-05	7.83E-06	2.55E-04	2.75E-05	0.00E+00	1.61E-07	2.14E-07	2.79E-05	3.50E-05	2.05E-04	1.21E-05	7.83E-06	2.60E-04
3403	477863.09, 3848877.25	0.0089	0.00597	0.00186	0.00263	3.60E-05	1.78E-04	1.19E-05	8.30E-06	2.34E-04	3.27E-05	0.00E+00	1.58E-07	2.26E-07	3.31E-05	4.16E-05	1.78E-04	1.19E-05	8.30E-06	2.40E-04
3404	478363.09, 3848877.25	0.01205	0.0056	0.00183	0.00268	4.87E-05	1.67E-04	1.17E-05	8.46E-06	2.36E-04	4.43E-05	0.00E+00	1.56E-07	2.31E-07	4.47E-05	5.64E-05	1.67E-04	1.17E-05	8.46E-06	2.44E-04
3405	478863.09, 3848877.25	0.01221	0.00445	0.0019	0.00282	4.94E-05	1.33E-04	1.21E-05	8.90E-06	2.03E-04	4.49E-05	0.00E+00	1.62E-07	2.43E-07	4.53E-05	5.71E-05	1.33E-04	1.21E-05	8.90E-06	2.11E-04
3406	479363.09, 3848877.25	0.01021	0.00367	0.0021	0.00294	4.13E-05	1.09E-04	1.34E-05	9.28E-06	1.73E-04	3.75E-05	0.00E+00	1.79E-07	2.53E-07	3.80E-05	4.77E-05	1.09E-04	1.34E-05	9.28E-06	1.80E-04
3407	479863.09, 3848877.25	0.00651	0.003	0.00248	0.00275	2.63E-05	8.95E-05	1.58E-05	8.68E-06	1.40E-04	2.39E-05	0.00E+00	2.11E-07	2.37E-07	2.44E-05	3.04E-05	8.95E-05	1.58E-05	8.68E-06	1.44E-04
3408	480363.09, 3848877.25	0.00639	0.00286	0.00304	0.00273	2.58E-05	8.53E-05	1.94E-05	8.62E-06	1.39E-04	2.35E-05	0.00E+00	2.59E-07	2.35E-07	2.40E-05	2.99E-05	8.53E-05	1.94E-05	8.62E-06	1.43E-04
3409	480863.09, 3848877.25	0.00642	0.0029	0.00288	0.00281	2.60E-05	8.65E-05	1.84E-05	8.87E-06	1.40E-04	2.36E-05	0.00E+00	2.45E-07	2.42E-07	2.41E-05	3.00E-05	8.65E-05	1.84E-05	8.87E-06	1.44E-04
3410	481363.09, 3848877.25	0.00571	0.00276	0.00227	0.00293	2.31E-05	8.23E-05	1.45E-05	9.25E-06	1.29E-04	2.10E-05	0.00E+00	1.93E-07	2.52E-07	2.14E-05	2.67E-05	8.23E-05	1.45E-05	9.25E-06	1.33E-04
3411	481863.09, 3848877.25	0.0051	0.00249	0.00221	0.00295	2.06E-05	7.43E-05	1.41E-05	9.31E-06	1.18E-04	1.88E-05	0.00E+00	1.88E-07	2.54E-07	1.92E-05	2.39E-05	7.43E-05	1.41E-05	9.31E-06	1.22E-04
3412	482363.09, 3848877.25	0.00395	0.00222	0.00217	0.00289	1.60E-05	6.62E-05	1.38E-05	9.12E-06	1.05E-04	1.45E-05	0.00E+00	1.85E-07	2.49E-07	1.50E-05	1.85E-05	6.62E-05	1.38E-05	9.12E-06	1.08E-04
3413	482863.09, 3848877.25	0.00325	0.00197	0.0022	0.00282	1.31E-05	5.88E-05	1.40E-05	8.90E-06	9.48E-05	1.19E-05	0.00E+00	1.87E-07	2.43E-07	1.24E-05	1.52E-05	5.88E-05	1.40E-05	8.90E-06	9.69E-05
3414	483363.09, 3848877.25	0.00291	0.00184	0.00237	0.00279	1.18E-05	5.49E-05	1.51E-05	8.81E-06	9.06E-05	1.07E-05	0.00E+00	2.02E-07	2.40E-07	1.11E-05	1.36E-05	5.49E-05	1.51E-05	8.81E-06	9.24E-05
3415	483863.09, 3848877.25	0.00295	0.00178	0.00261	0.00282	1.19E-05	5.31E-05	1.66E-05	8.90E-06	9.06E-05	1.08E-05	0.00E+00	2.22E-07	2.43E-07	1.13E-05	1.38E-05	5.31E-05	1.66E-05	8.90E-06	9.25E-05
3416	484363.09, 3848877.25	0.00336	0.0019	0.00297	0.00292	1.36E-05	5.67E-05	1.89E-05	9.22E-06	9.84E-05	1.24E-05	0.00E+00	2.53E-07	2.51E-07	1.29E-05	1.57E-05	5.67E-05	1.89E-05	9.22E-06	1.01E-04
3417	484863.09, 3848877.25	0.00377	0.00208	0.00353	0.00303	1.52E-05	6.21E-05	2.25E-05	9.57E-06	1.09E-04	1.39E-05	0.00E+00	3.00E-07	2.61E-07	1.44E-05	1.76E-05	6.21E-05	2.25E-05	9.57E-06	1.12E-04
3418	485363.09, 3848877.25	0.00361	0.00205	0.00393	0.00303	1.46E-05	6.12E-05	2.51E-05	9.57E-06	1.10E-04	1.33E-05	0.00E+00	3.34E-07	2.61E-07	1.39E-05	1.69E-05	6.12E-05	2.51E-05	9.57E-06	1.13E-04

3419	485863.09, 3848877.25	0.00322	0.00193	0.00375	0.00298	1.30E-05	5.76E-05	2.39E-05	9.41E-06	1.04E-04	1.18E-05	0.00E+00	3.19E-07	2.57E-07	1.24E-05	1.51E-05	5.76E-05	2.39E-05	9.41E-06	1.06E-04
3420	486363.09, 3848877.25	0.00283	0.00185	0.00307	0.00292	1.14E-05	5.52E-05	1.96E-05	9.22E-06	9.54E-05	1.04E-05	0.00E+00	2.61E-07	2.51E-07	1.09E-05	1.32E-05	5.52E-05	1.96E-05	9.22E-06	9.72E-05
3421	486863.09, 3848877.25	0.00267	0.00178	0.00256	0.00288	1.08E-05	5.31E-05	1.63E-05	9.09E-06	8.93E-05	9.82E-06	0.00E+00	2.18E-07	2.48E-07	1.03E-05	1.25E-05	5.31E-05	1.63E-05	9.09E-06	9.10E-05
3422	487363.09, 3848877.25	0.00258	0.00172	0.00231	0.00289	1.04E-05	5.13E-05	1.47E-05	9.12E-06	8.56E-05	9.49E-06	0.00E+00	1.96E-07	2.49E-07	9.93E-06	1.21E-05	5.13E-05	1.47E-05	9.12E-06	8.72E-05
3423	487863.09, 3848877.25	0.00242	0.00166	0.00225	0.00292	9.78E-06	4.95E-05	1.44E-05	9.22E-06	8.29E-05	8.90E-06	0.00E+00	1.91E-07	2.51E-07	9.34E-06	1.13E-05	4.95E-05	1.44E-05	9.22E-06	8.44E-05
3424	488363.09, 3848877.25	0.00241	0.00168	0.00251	0.00297	9.74E-06	5.01E-05	1.60E-05	9.38E-06	8.52E-05	8.86E-06	0.00E+00	2.13E-07	2.56E-07	9.33E-06	1.13E-05	5.01E-05	1.60E-05	9.38E-06	8.68E-05
3425	488863.09, 3848877.25	0.0024	0.00167	0.00288	0.00302	9.70E-06	4.98E-05	1.84E-05	9.54E-06	8.74E-05	8.82E-06	0.00E+00	2.45E-07	2.60E-07	9.33E-06	1.12E-05	4.98E-05	1.84E-05	9.54E-06	8.90E-05
3426	489363.09, 3848877.25	0.00246	0.00172	0.00317	0.00311	9.94E-06	5.13E-05	2.02E-05	9.82E-06	9.13E-05	9.04E-06	0.00E+00	2.70E-07	2.68E-07	9.58E-06	1.15E-05	5.13E-05	2.02E-05	9.82E-06	9.29E-05
3427	489863.09, 3848877.25	0.0026	0.0018	0.00317	0.00322	1.05E-05	5.37E-05	2.02E-05	1.02E-05	9.46E-05	9.56E-06	0.00E+00	2.70E-07	2.77E-07	1.01E-05	1.22E-05	5.37E-05	2.02E-05	1.02E-05	9.62E-05
3428	490363.09, 3848877.25	0.00259	0.00177	0.0029	0.00332	1.05E-05	5.28E-05	1.85E-05	1.05E-05	9.23E-05	9.52E-06	0.00E+00	2.47E-07	2.86E-07	1.01E-05	1.21E-05	5.28E-05	1.85E-05	1.05E-05	9.39E-05
3429	490863.09, 3848877.25	0.00261	0.00176	0.00286	0.00343	1.06E-05	5.25E-05	1.82E-05	1.08E-05	9.21E-05	9.60E-06	0.00E+00	2.43E-07	2.95E-07	1.01E-05	1.22E-05	5.25E-05	1.82E-05	1.08E-05	9.38E-05
3430	491363.09, 3848877.25	0.00266	0.0018	0.00283	0.00355	1.08E-05	5.37E-05	1.81E-05	1.12E-05	9.37E-05	9.78E-06	0.00E+00	2.41E-07	3.06E-07	1.03E-05	1.24E-05	5.37E-05	1.81E-05	1.12E-05	9.54E-05
3431	491863.09, 3848877.25	0.00263	0.00179	0.0027	0.00364	1.06E-05	5.34E-05	1.72E-05	1.15E-05	9.27E-05	9.67E-06	0.00E+00	2.30E-07	3.13E-07	1.02E-05	1.23E-05	5.34E-05	1.72E-05	1.15E-05	9.44E-05
3432	492363.09, 3848877.25	0.0026	0.00176	0.00253	0.00371	1.05E-05	5.25E-05	1.61E-05	1.17E-05	9.09E-05	9.56E-06	0.00E+00	2.15E-07	3.19E-07	1.01E-05	1.22E-05	5.25E-05	1.61E-05	1.17E-05	9.25E-05
3433	492863.09, 3848877.25	0.00251	0.00171	0.00229	0.00372	1.01E-05	5.10E-05	1.46E-05	1.17E-05	8.75E-05	9.23E-06	0.00E+00	1.95E-07	3.20E-07	9.74E-06	1.17E-05	5.10E-05	1.46E-05	1.17E-05	8.91E-05
3434	493363.09, 3848877.25	0.00244	0.00169	0.00221	0.00374	9.86E-06	5.04E-05	1.41E-05	1.18E-05	8.62E-05	8.97E-06	0.00E+00	1.88E-07	3.22E-07	9.48E-06	1.14E-05	5.04E-05	1.41E-05	1.18E-05	8.77E-05
3435	493863.09, 3848877.25	0.0026	0.00181	0.00226	0.00386	1.05E-05	5.40E-05	1.44E-05	1.22E-05	9.11E-05	9.56E-06	0.00E+00	1.92E-07	3.32E-07	1.01E-05	1.22E-05	5.40E-05	1.44E-05	1.22E-05	9.28E-05
3436	494363.09, 3848877.25	0.00274	0.0019	0.00237	0.00399	1.11E-05	5.67E-05	1.51E-05	1.26E-05	9.55E-05	1.01E-05	0.00E+00	2.02E-07	3.44E-07	1.06E-05	1.28E-05	5.67E-05	1.51E-05	1.26E-05	9.72E-05
3437	494863.09, 3848877.25	0.00301	0.00203	0.00266	0.00414	1.22E-05	6.06E-05	1.70E-05	1.31E-05	1.03E-04	1.11E-05	0.00E+00	2.26E-07	3.56E-07	1.16E-05	1.41E-05	6.06E-05	1.70E-05	1.31E-05	1.05E-04
3438	495363.09, 3848877.25	0.00326	0.00214	0.003	0.00428	1.32E-05	6.38E-05	1.91E-05	1.35E-05	1.10E-04	1.20E-05	0.00E+00	2.55E-07	3.69E-07	1.26E-05	1.52E-05	6.38E-05	1.91E-05	1.35E-05	1.12E-04
3439	495863.09, 3848877.25	0.00327	0.00213	0.00316	0.00434	1.32E-05	6.35E-05	2.02E-05	1.37E-05	1.11E-04	1.20E-05	0.00E+00	2.69E-07	3.74E-07	1.27E-05	1.53E-05	6.35E-05	2.02E-05	1.37E-05	1.13E-04
3440	496363.09, 3848877.25	0.00352	0.00227	0.00345	0.00449	1.42E-05	6.77E-05	2.20E-05	1.42E-05	1.18E-04	1.29E-05	0.00E+00	2.93E-07	3.87E-07	1.36E-05	1.65E-05	6.77E-05	2.20E-05	1.42E-05	1.20E-04
3441	496863.09, 3848877.25	0.00408	0.00255	0.00391	0.00472	1.65E-05	7.61E-05	2.49E-05	1.49E-05	1.32E-04	1.50E-05	0.00E+00	3.33E-07	4.06E-07	1.57E-05	1.91E-05	7.61E-05	2.49E-05	1.49E-05	1.35E-04
3442	497363.09, 3848877.25	0.00525	0.00306	0.00462	0.00505	2.12E-05	9.13E-05	2.95E-05	1.59E-05	1.58E-04	1.93E-05	0.00E+00	3.93E-07	4.35E-07	2.01E-05	2.46E-05	9.13E-05	2.95E-05	1.59E-05	1.61E-04
3443	497863.09, 3848877.25	0.00603	0.00337	0.00481	0.00525	2.44E-05	1.01E-04	3.07E-05	1.66E-05	1.72E-04	2.22E-05	0.00E+00	4.09E-07	4.52E-07	2.30E-05	2.82E-05	1.01E-04	3.07E-05	1.66E-05	1.76E-04
3444	498363.09, 3848877.25	0.00676	0.00363	0.00478	0.00542	2.73E-05	1.08E-04	3.05E-05	1.71E-05	1.83E-04	2.49E-05	0.00E+00	4.07E-07	4.67E-07	2.57E-05	3.16E-05	1.08E-04	3.05E-05	1.71E-05	1.88E-04
3445	471363.09, 3849377.25	0.00612	0.00498	0.00161	0.00239	2.47E-05	1.49E-04	1.03E-05	7.55E-06	1.91E-04	2.25E-05	0.00E+00	1.37E-07	2.06E-07	2.28E-05	2.86E-05	1.49E-04	1.03E-05	7.55E-06	1.95E-04
3446	471863.09, 3849377.25	0.00655	0.00536	0.0016	0.00241	2.65E-05	1.60E-04	1.02E-05	7.61E-06	2.04E-04	2.41E-05	0.00E+00	1.36E-07	2.08E-07	2.44E-05	3.06E-05	1.60E-04	1.02E-05	7.61E-06	2.08E-04
3447	472363.09, 3849377.25	0.00709	0.00552	0.00165	0.00243	2.87E-05	1.65E-04	1.05E-05	7.67E-06	2.12E-04	2.61E-05	0.00E+00	1.40E-07	2.09E-07	2.64E-05	3.32E-05	1.65E-04	1.05E-05	7.67E-06	2.16E-04
3448	472863.09, 3849377.25	0.00784	0.00563	0.00173	0.00246	3.17E-05	1.68E-04	1.10E-05	7.77E-06	2.18E-04	2.88E-05	0.00E+00	1.47E-07	2.12E-07	2.92E-05	3.67E-05	1.68E-04	1.10E-05	7.77E-06	2.23E-04
3449	473363.09, 3849377.25	0.00858	0.00562	0.00181	0.00249	3.47E-05	1.68E-04	1.15E-05	7.86E-06	2.22E-04	3.15E-05	0.00E+00	1.54E-07	2.14E-07	3.19E-05	4.01E-05	1.68E-04	1.15E-05	7.86E-06	2.27E-04
3450	473863.09, 3849377.25	0.00902	0.00567	0.00186	0.00252	3.65E-05	1.69E-04	1.19E-05	7.96E-06	2.25E-04	3.32E-05	0.00E+00	1.58E-07	2.17E-07	3.35E-05	4.22E-05	1.69E-04	1.19E-05	7.96E-06	2.31E-04
3451	474363.09, 3849377.25	0.00917	0.00572	0.00186	0.00255	3.71E-05	1.71E-04	1.19E-05	8.05E-06	2.28E-04	3.37E-05	0.00E+00	1.58E-07	2.20E-07	3.41E-05	4.29E-05	1.71E-04	1.19E-05	8.05E-06	2.33E-04
3452	474863.09, 3849377.25	0.00926	0.00565	0.00183	0.00258	3.74E-05	1.69E-04	1.17E-05	8.15E-06	2.26E-04	3.40E-05	0.00E+00	1.56E-07	2.22E-07	3.44E-05	4.33E-05	1.69E-04	1.17E-05	8.15E-06	2.32E-04
3453	475363.09, 3849377.25	0.00927	0.00541	0.0018	0.0026	3.75E-05	1.61E-04	1.15E-05	8.21E-06	2.19E-04	3.41E-05	0.00E+00	1.53E-07	2.24E-07	3.45E-05	4.34E-05	1.61E-04	1.15E-05	8.21E-06	2.24E-04
3454	475863.09, 3849377.25	0.00926	0.00557	0.00181	0.0026	3.74E-05	1.66E-04	1.15E-05	8.21E-06	2.23E-04	3.40E-05	0.00E+00	1.54E-07	2.24E-07	3.44E-05	4.33E-05	1.66E-04	1.15E-05	8.21E-06	2.29E-04
3455	476363.09, 3849377.25	0.00923	0.00633	0.00186	0.00257	3.73E-05	1.89E-04	1.19E-05	8.11E-06	2.46E-04	3.39E-05	0.00E+00	1.58E-07	2.21E-07	3.43E-05	4.32E-05	1.89E-04	1.19E-05	8.11E-06	2.52E-04
3456	476863.09, 3849377.25	0.00903	0.00711	0.00192	0.00254	3.65E-05	2.12E-04	1.22E-05	8.02E-06	2.69E-04	3.32E-05	0.00E+00	1.63E-07	2.19E-07	3.36E-05	4.22E-05	2.12E-04	1.22E-05	8.02E-06	2.75E-04
3457	477363.09, 3849377.25	0.00846	0.00741	0.00197	0.00254	3.42E-05	2.21E-04	1.26E-05	8.02E-06	2.76E-04	3.11E-05	0.00E+00	1.68E-07	2.19E-07	3.15E-05	3.96E-05	2.21E-04	1.26E-05	8.02E-06	2.81E-04
3458	477863.09, 3849377.25	0.00823	0.00719	0.00198	0.00265	3.33E-05	2.15E-04	1.26E-05	8.37E-06	2.69E-04	3.03E-05	0.00E+00	1.68E-07	2.28E-07	3.07E-05	3.85E-05	2.15E-04	1.26E-05	8.37E-06	2.74E-04
3459	478363.09, 3849377.25	0.00999	0.00682	0.00195	0.00278	4.04E-05	2.03E-04	1.24E-05	8.78E-06	2.65E-04	3.67E-05	0.00E+00	1.66E-07	2.39E-07	3.71E-05	4.67E-05	2.03E-04	1.24E-05	8.78E-06	2.71E-04
3460	478863.09, 3849377.25	0.01321	0.0057	0.00193	0.00284	5.34E-05	1.70E-04	1.23E-05	8.97E-06	2.45E-04	4.86E-05	0.00E+00	1.64E-07	2.45E-07	4.90E-05	6.18E-05	1.70E-04	1.23E-05	8.97E-06	2.53E-04
3461	479363.09, 3849377.25	0.01374	0.00482	0.002	0.00307	5.55E-05	1.44E-04	1.28E-05	9.69E-06	2.22E-04	5.05E-05	0.00E+00	1.70E-07	2.64E-07	5.09E-05	6.43E-05	1.44E-04	1.28E-05	9.69E-06	2.31E-04
3462	479863.09, 3849377.25	0.01093	0.00392	0.00224	0.0032	4.42E-05	1.17E-04	1.43E-05	1.01E-05	1.86E-04	4.02E-05	0.00E+00	1.91E-07	2.76E-07	4.07E-05	5.11E-05	1.17E-04	1.43E-05	1.01E-05	1.92E-04
3463	480363.09, 3849377.25	0.00933	0.00413	0.00304	0.00326	3.77E-05	1.23E-04	1.94E-05	1.03E-05	1.91E-04	3.43E-05	0.00E+00	2.59E-07	2.81E-07	3.48E-05	4.36E-05	1.23E-04	1.94E-05	1.03E-05	1.97E-04
3464	480863.09, 3849377.25	0.00857	0.00367	0.00363	0.00307	3.46E-05	1.09E-04	2.32E-05	9.69E-06	1.77E-04	3.15E-05	0.00E+00	3.09E-07	2.64E-07	3.21E-05	4.01E-05	1.09E-04	2.32E-05	9.69E-06	1.82E-04
3465	481363.09, 3849377.25	0.00685	0.00312	0.00268	0.00306	2.77E-05	9.31E-05	1.71E-05	9.66E-06	1.48E-04	2.52E-05	0.00E+00	2.28E-07	2.63E-07	2.57E-05	3.20E-05	9.31E-05	1.71E-05	9.66E-06	1.52E-04
3466	481863.09, 3849377.25	0.00486	0.00249	0.00225	0.00305	1.96E-05	7.43E-05	1.44E-05	9.63E-06	1.18E-04	1.79E-05	0.00E+00	1.91E-07	2.63E-07	1.83E-05	2.27E-05	7.43E-05	1.44E-05	9.63E-06	1.21E-04
3467	482363.09, 3849377.25	0.00411	0.0023	0.00221	0.00303	1.66E-05	6.86E-05	1.41E-05	9.57E-06	1.09E-04	1.51E-05	0.00E+00	1.88E-07	2.61E-07	1.56E-05	1.92E-05	6.86E-05	1.41E-05	9.57E-06	1.12E-04
3468	482863.09, 3849377.25	0.00332	0.00202	0.00221	0.00296	1.34E-05	6.03E-05	1.41E-05	9.35E-06	9.71E-05	1.22E-05	0.00E+00	1.88E-07	2.55E-07	1.26E-05	1.55E-05	6.03E-05	1.41E-05	9.35E-06	9.92E-05
3469	483363.09, 3849377.25	0.00302	0.00191	0.00236	0.00293	1.22E-05	5.70E-05	1.51E-05	9.25E-06	9.35E-05	1.11E-05	0.00E+00	2.01E-07	2.52E-07	1.16E-05	1.41E-05	5.70E-05	1.51E-05	9.25E-06	9.54E-05
3470	483863.09, 3849377.25	0.00271	0.00175	0.00257	0.00294	1.10E-05	5.22E-05	1.64E-05	9.28E-06	8.88E-05	9.96E-06	0.00E+00	2.19E-07	2.53E-07	1.04E-05	1.27E-05	5.22E-05	1.64E-05	9.28E-06	9.06E-05
3471	484363.09, 3849377.25	0.00381	0.00208	0.00297	0.00309	1.54E-05	6.21E-05	1.89E-05	9.76E-06	1.06E-04	1.40E-05	0.00E+00	2.53E-07	2.66E-07	1.45E-05	1.78E-05	6.21E-05	1.89E-05	9.76E-06	1.09E-04
3472	484863.09, 3849377.25	0.00452	0.00233	0.00352	0.00323	1.83E-05	6.95E-05	2.25E-05	1.02E-05	1.20E-04	1.66E-05	0.00E+00	2.99E-07	2.78E-07	1.72E-05	2.11E-05	6.95E-05	2.25E-05	1.02E-05	1.23E-04
3473	485363.09, 3849377.25	0.00436	0.00232	0.00418	0.00327	1.76E-05	6.92E-05	2.67E-05	1.03E-05	1.24E-04	1.60E-05	0.00E+00	3.55E-07	2.82E-07	1.67E-05	2.04E-05	6.92E-05	2.67E-05	1.03E-05	1.27E-04
3474	485863.09, 3849377.25	0.00315	0.00194	0.00386	0.00315	1.27E-05	5.79E-05	2.46E-05	9.95E-06	1.05E-04	1.16E-05	0.00E+00	3.28E-07	2.71E-07	1.22E-05	1.47E-05	5.79E-05	2.46E-05	9.95E-06	1.07E-04
3475	486363.09, 3849377.25	0.00257	0.00175	0.00313	0.00305	1.04E-05	5.22E-05	2.00E-05	9.63E-06	9.22E-05	9.45E-06	0.00E+00	2.66E-07	2.63E-07	9.98E-06	1.20E-05	5.22E-05	2.00E-05	9.63E-06	9.38E-05
3476	486863.09, 3849377.25	0.00303	0.00194	0.00278	0.00308	1.22E-05	5.79E-05	1.77E-05	9.72E-06	9.76E-05	1.11E-05	0.00E+00	2.36E-07	2.65E-07	1.16E-05	1.42E-05	5.79E-05	1.77E-05	9.72E-06	9.95E-05
3477	487363.09, 3849377.25	0.00297	0.00194	0.00249	0.00313	1.20E-05	5.79E-05	1.59E-05	9.88E-06	9.56E-05	1.09E-05	0.00E+00	2.12E-07	2.70E-07	1.14E-05	1.39E-05	5.79E-05	1.59E-05	9.88E-06	9.75E-05

3478	487863.09, 3849377.25	0.0029	0.0019	0.0024	0.00316	1.17E-05	5.67E-05	1.53E-05	9.98E-06	9.37E-05	1.07E-05	0.00E+00	2.04E-07	2.72E-07	1.11E-05	1.36E-05	5.67E-05	1.53E-05	9.98E-06	9.55E-05
3479	488363.09, 3849377.25	0.00285	0.00191	0.00267	0.00322	1.15E-05	5.70E-05	1.70E-05	1.02E-05	9.57E-05	1.05E-05	0.00E+00	2.27E-07	2.77E-07	1.10E-05	1.33E-05	5.70E-05	1.70E-05	1.02E-05	9.75E-05
3480	488863.09, 3849377.25	0.00294	0.00194	0.00308	0.00333	1.19E-05	5.79E-05	1.96E-05	1.05E-05	9.99E-05	1.08E-05	0.00E+00	2.62E-07	2.87E-07	1.14E-05	1.37E-05	5.79E-05	1.96E-05	1.05E-05	1.02E-04
3481	489363.09, 3849377.25	0.00305	0.002	0.00336	0.00345	1.23E-05	5.97E-05	2.14E-05	1.09E-05	1.04E-04	1.12E-05	0.00E+00	2.86E-07	2.97E-07	1.18E-05	1.43E-05	5.97E-05	2.14E-05	1.09E-05	1.06E-04
3482	489863.09, 3849377.25	0.00311	0.00203	0.00332	0.00359	1.26E-05	6.06E-05	2.12E-05	1.13E-05	1.06E-04	1.14E-05	0.00E+00	2.82E-07	3.09E-07	1.20E-05	1.45E-05	6.06E-05	2.12E-05	1.13E-05	1.08E-04
3483	490363.09, 3849377.25	0.00306	0.00198	0.00308	0.00369	1.24E-05	5.91E-05	1.96E-05	1.17E-05	1.03E-04	1.13E-05	0.00E+00	2.62E-07	3.18E-07	1.18E-05	1.43E-05	5.91E-05	1.96E-05	1.17E-05	1.05E-04
3484	490863.09, 3849377.25	0.00311	0.00199	0.00317	0.00381	1.26E-05	5.94E-05	2.02E-05	1.20E-05	1.04E-04	1.14E-05	0.00E+00	2.70E-07	3.28E-07	1.20E-05	1.45E-05	5.94E-05	2.02E-05	1.20E-05	1.06E-04
3485	491363.09, 3849377.25	0.00315	0.00205	0.00313	0.00393	1.27E-05	6.12E-05	2.00E-05	1.24E-05	1.06E-04	1.16E-05	0.00E+00	2.66E-07	3.38E-07	1.22E-05	1.47E-05	6.12E-05	2.00E-05	1.24E-05	1.08E-04
3486	491863.09, 3849377.25	0.00309	0.00204	0.0028	0.00402	1.25E-05	6.09E-05	1.79E-05	1.27E-05	1.04E-04	1.14E-05	0.00E+00	2.38E-07	3.46E-07	1.19E-05	1.45E-05	6.09E-05	1.79E-05	1.27E-05	1.06E-04
3487	492363.09, 3849377.25	0.00305	0.00201	0.0026	0.00411	1.23E-05	6.00E-05	1.66E-05	1.30E-05	1.02E-04	1.12E-05	0.00E+00	2.21E-07	3.54E-07	1.18E-05	1.43E-05	6.00E-05	1.66E-05	1.30E-05	1.04E-04
3488	492863.09, 3849377.25	0.00288	0.00193	0.00241	0.00411	1.16E-05	5.76E-05	1.54E-05	1.30E-05	9.76E-05	1.06E-05	0.00E+00	2.05E-07	3.54E-07	1.11E-05	1.35E-05	5.76E-05	1.54E-05	1.30E-05	9.94E-05
3489	493363.09, 3849377.25	0.00295	0.00199	0.00239	0.00418	1.19E-05	5.94E-05	1.52E-05	1.32E-05	9.97E-05	1.08E-05	0.00E+00	2.03E-07	3.60E-07	1.14E-05	1.38E-05	5.94E-05	1.52E-05	1.32E-05	1.02E-04
3490	493863.09, 3849377.25	0.00308	0.00208	0.00246	0.00431	1.24E-05	6.21E-05	1.57E-05	1.36E-05	1.04E-04	1.13E-05	0.00E+00	2.09E-07	3.71E-07	1.19E-05	1.44E-05	6.21E-05	1.57E-05	1.36E-05	1.06E-04
3491	494363.09, 3849377.25	0.00338	0.00223	0.00273	0.00448	1.37E-05	6.65E-05	1.74E-05	1.41E-05	1.12E-04	1.24E-05	0.00E+00	2.32E-07	3.86E-07	1.30E-05	1.58E-05	6.65E-05	1.74E-05	1.41E-05	1.14E-04
3492	494863.09, 3849377.25	0.00405	0.00252	0.00332	0.00473	1.64E-05	7.52E-05	2.12E-05	1.49E-05	1.28E-04	1.49E-05	0.00E+00	2.82E-07	4.07E-07	1.56E-05	1.89E-05	7.52E-05	2.12E-05	1.49E-05	1.30E-04
3493	495363.09, 3849377.25	0.00448	0.0027	0.00371	0.00489	1.81E-05	8.05E-05	2.37E-05	1.54E-05	1.38E-04	1.65E-05	0.00E+00	3.16E-07	4.21E-07	1.72E-05	2.10E-05	8.05E-05	2.37E-05	1.54E-05	1.41E-04
3494	495863.09, 3849377.25	0.00394	0.00247	0.0036	0.00483	1.59E-05	7.37E-05	2.30E-05	1.53E-05	1.28E-04	1.45E-05	0.00E+00	3.06E-07	4.16E-07	1.52E-05	1.84E-05	7.37E-05	2.30E-05	1.53E-05	1.30E-04
3495	496363.09, 3849377.25	0.00409	0.00254	0.00386	0.00493	1.65E-05	7.58E-05	2.46E-05	1.56E-05	1.32E-04	1.50E-05	0.00E+00	3.28E-07	4.25E-07	1.58E-05	1.91E-05	7.58E-05	2.46E-05	1.56E-05	1.35E-04
3496	496863.09, 3849377.25	0.00549	0.00316	0.00461	0.00536	2.22E-05	9.43E-05	2.94E-05	1.69E-05	1.63E-04	2.02E-05	0.00E+00	3.92E-07	4.62E-07	2.10E-05	2.57E-05	9.43E-05	2.94E-05	1.69E-05	1.66E-04
3497	497363.09, 3849377.25	0.00623	0.00344	0.00492	0.00557	2.52E-05	1.03E-04	3.14E-05	1.76E-05	1.77E-04	2.29E-05	0.00E+00	4.18E-07	4.80E-07	2.38E-05	2.91E-05	1.03E-04	3.14E-05	1.76E-05	1.81E-04
3498	497863.09, 3849377.25	0.00827	0.0042	0.00524	0.00589	3.34E-05	1.25E-04	3.34E-05	1.86E-05	2.11E-04	3.04E-05	0.00E+00	4.46E-07	5.07E-07	3.14E-05	3.87E-05	1.25E-04	3.34E-05	1.86E-05	2.16E-04
3499	498363.09, 3849377.25	0.0083	0.00422	0.00513	0.006	3.36E-05	1.26E-04	3.27E-05	1.89E-05	2.11E-04	3.05E-05	0.00E+00	4.36E-07	5.17E-07	3.15E-05	3.88E-05	1.26E-04	3.27E-05	1.89E-05	2.16E-04
3500	471363.09, 3849877.25	0.00564	0.00429	0.00181	0.00248	2.28E-05	1.28E-04	1.15E-05	7.83E-06	1.70E-04	2.07E-05	0.00E+00	1.54E-07	2.14E-07	2.11E-05	2.64E-05	1.28E-04	1.15E-05	7.83E-06	1.74E-04
3501	471863.09, 3849877.25	0.00638	0.00514	0.00173	0.00251	2.58E-05	1.53E-04	1.10E-05	7.93E-06	1.98E-04	2.35E-05	0.00E+00	1.47E-07	2.16E-07	2.38E-05	2.98E-05	1.53E-04	1.10E-05	7.93E-06	2.02E-04
3502	472363.09, 3849877.25	0.00694	0.00578	0.00169	0.00254	2.81E-05	1.72E-04	1.08E-05	8.02E-06	2.19E-04	2.55E-05	0.00E+00	1.44E-07	2.19E-07	2.59E-05	3.25E-05	1.72E-04	1.08E-05	8.02E-06	2.24E-04
3503	472863.09, 3849877.25	0.00744	0.00609	0.0017	0.00257	3.01E-05	1.82E-04	1.08E-05	8.11E-06	2.31E-04	2.74E-05	0.00E+00	1.45E-07	2.21E-07	2.77E-05	3.48E-05	1.82E-04	1.08E-05	8.11E-06	2.35E-04
3504	473363.09, 3849877.25	0.00807	0.00617	0.00175	0.0026	3.26E-05	1.84E-04	1.12E-05	8.21E-06	2.36E-04	2.97E-05	0.00E+00	1.49E-07	2.24E-07	3.00E-05	3.77E-05	1.84E-04	1.12E-05	8.21E-06	2.41E-04
3505	473863.09, 3849877.25	0.00892	0.00628	0.00184	0.00263	3.61E-05	1.87E-04	1.17E-05	8.30E-06	2.43E-04	3.28E-05	0.00E+00	1.56E-07	2.26E-07	3.32E-05	4.17E-05	1.87E-04	1.17E-05	8.30E-06	2.49E-04
3506	474363.09, 3849877.25	0.00973	0.00631	0.00191	0.00266	3.93E-05	1.88E-04	1.22E-05	8.40E-06	2.48E-04	3.58E-05	0.00E+00	1.62E-07	2.29E-07	3.62E-05	4.55E-05	1.88E-04	1.22E-05	8.40E-06	2.54E-04
3507	474863.09, 3849877.25	0.01022	0.00636	0.00195	0.0027	4.13E-05	1.90E-04	1.24E-05	8.52E-06	2.52E-04	3.76E-05	0.00E+00	1.66E-07	2.32E-07	3.80E-05	4.78E-05	1.90E-04	1.24E-05	8.52E-06	2.58E-04
3508	475363.09, 3849877.25	0.0104	0.00622	0.00194	0.00273	4.20E-05	1.86E-04	1.24E-05	8.62E-06	2.49E-04	3.82E-05	0.00E+00	1.65E-07	2.35E-07	3.86E-05	4.86E-05	1.86E-04	1.24E-05	8.62E-06	2.55E-04
3509	475863.09, 3849877.25	0.01049	0.00608	0.00191	0.00276	4.24E-05	1.81E-04	1.22E-05	8.71E-06	2.45E-04	3.86E-05	0.00E+00	1.62E-07	2.38E-07	3.90E-05	4.91E-05	1.81E-04	1.22E-05	8.71E-06	2.51E-04
3510	476363.09, 3849877.25	0.01051	0.00617	0.0019	0.00276	4.25E-05	1.84E-04	1.21E-05	8.71E-06	2.47E-04	3.86E-05	0.00E+00	1.62E-07	2.38E-07	3.90E-05	4.92E-05	1.84E-04	1.21E-05	8.71E-06	2.54E-04
3511	476863.09, 3849877.25	0.01051	0.00716	0.00194	0.00274	4.25E-05	2.14E-04	1.24E-05	8.65E-06	2.77E-04	3.86E-05	0.00E+00	1.65E-07	2.36E-07	3.90E-05	4.92E-05	2.14E-04	1.24E-05	8.65E-06	2.84E-04
3512	477363.09, 3849877.25	0.01043	0.00872	0.002	0.00271	4.22E-05	2.60E-04	1.28E-05	8.56E-06	3.24E-04	3.83E-05	0.00E+00	1.70E-07	2.33E-07	3.87E-05	4.88E-05	2.60E-04	1.28E-05	8.56E-06	3.30E-04
3513	477863.09, 3849877.25	0.01	0.00924	0.00206	0.00271	4.04E-05	2.76E-04	1.31E-05	8.56E-06	3.38E-04	3.68E-05	0.00E+00	1.75E-07	2.33E-07	3.72E-05	4.68E-05	2.76E-04	1.31E-05	8.56E-06	3.44E-04
3514	478363.09, 3849877.25	0.00953	0.00857	0.00208	0.00281	3.85E-05	2.56E-04	1.33E-05	8.87E-06	3.16E-04	3.50E-05	0.00E+00	1.77E-07	2.42E-07	3.55E-05	4.46E-05	2.56E-04	1.33E-05	8.87E-06	3.22E-04
3515	478863.09, 3849877.25	0.01144	0.00823	0.00205	0.00291	4.62E-05	2.46E-04	1.31E-05	9.19E-06	3.14E-04	4.21E-05	0.00E+00	1.74E-07	2.51E-07	4.25E-05	5.35E-05	2.46E-04	1.31E-05	9.19E-06	3.21E-04
3516	479363.09, 3849877.25	0.01535	0.00672	0.00203	0.00302	6.20E-05	2.00E-04	1.29E-05	9.54E-06	2.85E-04	5.64E-05	0.00E+00	1.73E-07	2.60E-07	5.69E-05	7.18E-05	2.00E-04	1.29E-05	9.54E-06	2.95E-04
3517	479863.09, 3849877.25	0.01685	0.00619	0.00206	0.00319	6.81E-05	1.85E-04	1.31E-05	1.01E-05	2.76E-04	6.19E-05	0.00E+00	1.75E-07	2.75E-07	6.24E-05	7.88E-05	1.85E-04	1.31E-05	1.01E-05	2.87E-04
3518	480363.09, 3849877.25	0.01376	0.00505	0.00233	0.00334	5.56E-05	1.51E-04	1.49E-05	1.05E-05	2.32E-04	5.06E-05	0.00E+00	1.98E-07	2.88E-07	5.11E-05	6.44E-05	1.51E-04	1.49E-05	1.05E-05	2.40E-04
3519	480863.09, 3849877.25	0.00971	0.00405	0.00302	0.0032	3.92E-05	1.21E-04	1.93E-05	1.01E-05	1.89E-04	3.57E-05	0.00E+00	2.57E-07	2.76E-07	3.62E-05	4.54E-05	1.21E-04	1.93E-05	1.01E-05	1.96E-04
3520	481363.09, 3849877.25	0.00854	0.00362	0.00332	0.00324	3.45E-05	1.08E-04	2.12E-05	1.02E-05	1.74E-04	3.14E-05	0.00E+00	2.82E-07	2.79E-07	3.20E-05	3.99E-05	1.08E-04	2.12E-05	1.02E-05	1.79E-04
3521	481863.09, 3849877.25	0.00527	0.00267	0.00246	0.00321	2.13E-05	7.97E-05	1.57E-05	1.01E-05	1.27E-04	1.94E-05	0.00E+00	2.09E-07	2.76E-07	1.99E-05	2.46E-05	7.97E-05	1.57E-05	1.01E-05	1.30E-04
3522	482363.09, 3849877.25	0.00428	0.0024	0.00231	0.0032	1.73E-05	7.16E-05	1.47E-05	1.01E-05	1.14E-04	1.57E-05	0.00E+00	1.96E-07	2.76E-07	1.62E-05	2.00E-05	7.16E-05	1.47E-05	1.01E-05	1.16E-04
3523	482863.09, 3849877.25	0.00362	0.00217	0.00229	0.00315	1.46E-05	6.47E-05	1.46E-05	9.95E-06	1.04E-04	1.33E-05	0.00E+00	1.95E-07	2.71E-07	1.38E-05	1.69E-05	6.47E-05	1.46E-05	9.95E-06	1.06E-04
3524	483363.09, 3849877.25	0.00318	0.00199	0.00237	0.00311	1.29E-05	5.94E-05	1.51E-05	9.82E-06	9.72E-05	1.17E-05	0.00E+00	2.02E-07	2.68E-07	1.22E-05	1.49E-05	5.94E-05	1.51E-05	9.82E-06	9.92E-05
3525	483863.09, 3849877.25	0.0032	0.00196	0.0026	0.00314	1.29E-05	5.85E-05	1.66E-05	9.91E-06	9.79E-05	1.18E-05	0.00E+00	2.21E-07	2.70E-07	1.23E-05	1.50E-05	5.85E-05	1.66E-05	9.91E-06	9.99E-05
3526	484363.09, 3849877.25	0.00428	0.00226	0.00299	0.00327	1.73E-05	6.74E-05	1.91E-05	1.03E-05	1.14E-04	1.57E-05	0.00E+00	2.54E-07	2.82E-07	1.63E-05	2.00E-05	6.74E-05	1.91E-05	1.03E-05	1.17E-04
3527	484863.09, 3849877.25	0.00566	0.00266	0.00362	0.00347	2.29E-05	7.94E-05	2.31E-05	1.10E-05	1.36E-04	2.08E-05	0.00E+00	3.08E-07	2.99E-07	2.14E-05	2.65E-05	7.94E-05	2.31E-05	1.10E-05	1.40E-04
3528	485363.09, 3849877.25	0.00499	0.00257	0.00426	0.00352	2.02E-05	7.67E-05	2.72E-05	1.11E-05	1.35E-04	1.83E-05	0.00E+00	3.62E-07	3.03E-07	1.90E-05	2.33E-05	7.67E-05	2.72E-05	1.11E-05	1.38E-04
3529	485863.09, 3849877.25	0.00389	0.00226	0.00427	0.00344	1.57E-05	6.74E-05	2.72E-05	1.09E-05	1.21E-04	1.43E-05	0.00E+00	3.63E-07	2.96E-07	1.50E-05	1.82E-05	6.74E-05	2.72E-05	1.09E-05	1.24E-04
3530	486363.09, 3849877.25	0.00347	0.00212	0.00372	0.00337	1.40E-05	6.32E-05	2.37E-05	1.06E-05	1.12E-04	1.28E-05	0.00E+00	3.16E-07	2.90E-07	1.34E-05	1.62E-05	6.32E-05	2.37E-05	1.06E-05	1.14E-04
3531	486863.09, 3849877.25	0.00379	0.00229	0.00315	0.00338	1.53E-05	6.83E-05	2.01E-05	1.07E-05	1.14E-04	1.39E-05	0.00E+00	2.68E-07	2.91E-07	1.45E-05	1.77E-05	6.83E-05	2.01E-05	1.07E-05	1.17E-04
3532	487363.09, 3849877.25	0.00359	0.00227	0.00271	0.00343	1.45E-05	6.77E-05	1.73E-05	1.08E-05	1.10E-04	1.32E-05	0.00E+00	2.30E-07	2.95E-07	1.37E-05	1.68E-05	6.77E-05	1.73E-05	1.08E-05	1.13E-04
3533	487863.09, 3849877.25	0.00347	0.00218	0.00257	0.00347	1.40E-05	6.50E-05	1.64E-05	1.10E-05	1.06E-04	1.28E-05	0.00E+00	2.19E-07	2.99E-07	1.33E-05	1.62E-05	6.50E-05	1.64E-05	1.10E-05	1.09E-04
3534	488363.09, 3849877.25	0.00348	0.00221	0.00285	0.00356	1.41E-05	6.59E-05	1.82E-05	1.12E-05	1.09E-04	1.28E-05	0.00E+00	2.42E-07	3.07E-07	1.33E-05	1.63E-05	6.59E-05	1.82E-05	1.12E-05	1.12E-04
3535	488863.09, 3849877.25	0.00365	0.00228	0.00329	0.00369	1.48E-05	6.80E-05	2.10E-05	1.17E-05	1.15E-04	1.34E-05	0.00E+00	2.80E-07	3.18E-07	1.40E-05	1.71E-05	6.80E-05	2.10E-05	1.17E-05	1.18E-04
3536	489363.09, 3849877.25	0.00375	0.00233	0.00356	0.00385	1.52E-05	6.95E-05	2.27E-05	1.22E-05	1.20E-04	1.38E-05	0.00E+00	3.03E-07	3.32E-07	1.44E-05	1.75E-05	6.95E-05	2.27E-05	1.22E-05	1.22E-04

3537	489863.09, 3849877.25	0.00374	0.00232	0.00349	0.00406	1.51E-05	6.92E-05	2.23E-05	1.28E-05	1.19E-04	1.38E-05	0.00E+00	2.97E-07	3.50E-07	1.44E-05	1.75E-05	6.92E-05	2.23E-05	1.28E-05	1.22E-04
3538	490363.09, 3849877.25	0.0037	0.00227	0.0034	0.00416	1.50E-05	6.77E-05	2.17E-05	1.31E-05	1.17E-04	1.36E-05	0.00E+00	2.89E-07	3.58E-07	1.43E-05	1.73E-05	6.77E-05	2.17E-05	1.31E-05	1.20E-04
3539	490863.09, 3849877.25	0.0038	0.00235	0.00347	0.00427	1.54E-05	7.01E-05	2.21E-05	1.35E-05	1.21E-04	1.40E-05	0.00E+00	2.95E-07	3.68E-07	1.46E-05	1.78E-05	7.01E-05	2.21E-05	1.35E-05	1.23E-04
3540	491363.09, 3849877.25	0.00386	0.00241	0.00334	0.00439	1.56E-05	7.19E-05	2.13E-05	1.39E-05	1.23E-04	1.42E-05	0.00E+00	2.84E-07	3.78E-07	1.49E-05	1.81E-05	7.19E-05	2.13E-05	1.39E-05	1.25E-04
3541	491863.09, 3849877.25	0.00377	0.00241	0.00291	0.0045	1.52E-05	7.19E-05	1.86E-05	1.42E-05	1.20E-04	1.39E-05	0.00E+00	2.47E-07	3.87E-07	1.45E-05	1.76E-05	7.19E-05	1.86E-05	1.42E-05	1.22E-04
3542	492363.09, 3849877.25	0.00383	0.0024	0.00273	0.00462	1.55E-05	7.16E-05	1.74E-05	1.46E-05	1.19E-04	1.41E-05	0.00E+00	2.32E-07	3.98E-07	1.47E-05	1.79E-05	7.16E-05	1.74E-05	1.46E-05	1.22E-04
3543	492863.09, 3849877.25	0.00376	0.00237	0.00269	0.00469	1.52E-05	7.07E-05	1.72E-05	1.48E-05	1.18E-04	1.38E-05	0.00E+00	2.29E-07	4.04E-07	1.45E-05	1.76E-05	7.07E-05	1.72E-05	1.48E-05	1.20E-04
3544	493363.09, 3849877.25	0.00369	0.00239	0.00267	0.00474	1.49E-05	7.13E-05	1.70E-05	1.50E-05	1.18E-04	1.36E-05	0.00E+00	2.27E-07	4.08E-07	1.42E-05	1.73E-05	7.13E-05	1.70E-05	1.50E-05	1.21E-04
3545	493863.09, 3849877.25	0.00381	0.00245	0.00279	0.00486	1.54E-05	7.31E-05	1.78E-05	1.53E-05	1.22E-04	1.40E-05	0.00E+00	2.37E-07	4.18E-07	1.47E-05	1.78E-05	7.31E-05	1.78E-05	1.53E-05	1.24E-04
3546	494363.09, 3849877.25	0.00477	0.00285	0.00345	0.00517	1.93E-05	8.50E-05	2.20E-05	1.63E-05	1.43E-04	1.75E-05	0.00E+00	2.93E-07	4.45E-07	1.83E-05	2.23E-05	8.50E-05	2.20E-05	1.63E-05	1.46E-04
3547	494863.09, 3849877.25	0.00561	0.00322	0.00405	0.00541	2.27E-05	9.61E-05	2.58E-05	1.71E-05	1.62E-04	2.06E-05	0.00E+00	3.44E-07	4.66E-07	2.14E-05	2.62E-05	9.61E-05	2.58E-05	1.71E-05	1.65E-04
3548	495363.09, 3849877.25	0.00531	0.0031	0.00422	0.00545	2.15E-05	9.25E-05	2.69E-05	1.72E-05	1.58E-04	1.95E-05	0.00E+00	3.59E-07	4.69E-07	2.04E-05	2.48E-05	9.25E-05	2.69E-05	1.72E-05	1.61E-04
3549	495863.09, 3849877.25	0.00633	0.00354	0.00489	0.00573	2.56E-05	1.06E-04	3.12E-05	1.81E-05	1.80E-04	2.33E-05	0.00E+00	4.16E-07	4.93E-07	2.42E-05	2.96E-05	1.06E-04	3.12E-05	1.81E-05	1.84E-04
3550	496363.09, 3849877.25	0.00699	0.0038	0.00521	0.00593	2.83E-05	1.13E-04	3.32E-05	1.87E-05	1.94E-04	2.57E-05	0.00E+00	4.43E-07	5.11E-07	2.67E-05	3.27E-05	1.13E-04	3.32E-05	1.87E-05	1.98E-04
3551	496863.09, 3849877.25	0.00756	0.00399	0.00531	0.00611	3.06E-05	1.19E-04	3.39E-05	1.93E-05	2.03E-04	2.78E-05	0.00E+00	4.52E-07	5.26E-07	2.88E-05	3.54E-05	1.19E-04	3.39E-05	1.93E-05	2.08E-04
3552	497363.09, 3849877.25	0.00926	0.00459	0.00552	0.00638	3.74E-05	1.37E-04	3.52E-05	2.01E-05	2.30E-04	3.40E-05	0.00E+00	4.69E-07	5.49E-07	3.51E-05	4.33E-05	1.37E-04	3.52E-05	2.01E-05	2.36E-04
3553	497863.09, 3849877.25	0.01018	0.00491	0.00553	0.00657	4.11E-05	1.46E-04	3.53E-05	2.07E-05	2.44E-04	3.74E-05	0.00E+00	4.70E-07	5.66E-07	3.85E-05	4.76E-05	1.46E-04	3.53E-05	2.07E-05	2.50E-04
3554	498363.09, 3849877.25	0.01013	0.00492	0.00567	0.00668	4.09E-05	1.47E-04	3.62E-05	2.11E-05	2.45E-04	3.72E-05	0.00E+00	4.82E-07	5.75E-07	3.83E-05	4.74E-05	1.47E-04	3.62E-05	2.11E-05	2.51E-04
3555	471363.09, 3850377.25	0.00503	0.00323	0.00203	0.00257	2.03E-05	9.64E-05	1.29E-05	8.11E-06	1.38E-04	1.85E-05	0.00E+00	1.73E-07	2.21E-07	1.89E-05	2.35E-05	9.64E-05	1.29E-05	8.11E-06	1.41E-04
3556	471863.09, 3850377.25	0.00603	0.00429	0.00204	0.00263	2.44E-05	1.28E-04	1.30E-05	8.30E-06	1.74E-04	2.22E-05	0.00E+00	1.73E-07	2.26E-07	2.26E-05	2.82E-05	1.28E-04	1.30E-05	8.30E-06	1.78E-04
3557	472363.09, 3850377.25	0.00655	0.00498	0.00194	0.00266	2.65E-05	1.49E-04	1.24E-05	8.40E-06	1.96E-04	2.41E-05	0.00E+00	1.65E-07	2.29E-07	2.45E-05	3.06E-05	1.49E-04	1.24E-05	8.40E-06	2.00E-04
3558	472863.09, 3850377.25	0.00736	0.00613	0.00186	0.0027	2.98E-05	1.83E-04	1.19E-05	8.52E-06	2.33E-04	2.71E-05	0.00E+00	1.58E-07	2.32E-07	2.74E-05	3.44E-05	1.83E-04	1.19E-05	8.52E-06	2.38E-04
3559	473363.09, 3850377.25	0.00781	0.0063	0.0018	0.00272	3.16E-05	1.88E-04	1.15E-05	8.59E-06	2.40E-04	2.87E-05	0.00E+00	1.53E-07	2.34E-07	2.91E-05	3.65E-05	1.88E-04	1.15E-05	8.59E-06	2.45E-04
3560	473863.09, 3850377.25	0.00844	0.00667	0.0018	0.00275	3.41E-05	1.99E-04	1.15E-05	8.68E-06	2.53E-04	3.10E-05	0.00E+00	1.53E-07	2.37E-07	3.14E-05	3.95E-05	1.99E-04	1.15E-05	8.68E-06	2.59E-04
3561	474363.09, 3850377.25	0.00927	0.00697	0.00187	0.00279	3.75E-05	2.08E-04	1.19E-05	8.81E-06	2.66E-04	3.41E-05	0.00E+00	1.59E-07	2.40E-07	3.45E-05	4.34E-05	2.08E-04	1.19E-05	8.81E-06	2.72E-04
3562	474863.09, 3850377.25	0.01025	0.00706	0.00196	0.00283	4.14E-05	2.11E-04	1.25E-05	8.94E-06	2.73E-04	3.77E-05	0.00E+00	1.67E-07	2.44E-07	3.81E-05	4.79E-05	2.11E-04	1.25E-05	8.94E-06	2.80E-04
3563	475363.09, 3850377.25	0.01114	0.00714	0.00203	0.00287	4.50E-05	2.13E-04	1.29E-05	9.06E-06	2.80E-04	4.10E-05	0.00E+00	1.73E-07	2.47E-07	4.14E-05	5.21E-05	2.13E-04	1.29E-05	9.06E-06	2.87E-04
3564	475863.09, 3850377.25	0.0117	0.00705	0.00205	0.00291	4.73E-05	2.10E-04	1.31E-05	9.19E-06	2.80E-04	4.30E-05	0.00E+00	1.74E-07	2.51E-07	4.34E-05	5.47E-05	2.10E-04	1.31E-05	9.19E-06	2.87E-04
3565	476363.09, 3850377.25	0.01194	0.00685	0.00203	0.00294	4.83E-05	2.04E-04	1.29E-05	9.28E-06	2.75E-04	4.39E-05	0.00E+00	1.73E-07	2.53E-07	4.43E-05	5.58E-05	2.04E-04	1.29E-05	9.28E-06	2.82E-04
3566	476863.09, 3850377.25	0.01202	0.0069	0.00201	0.00296	4.86E-05	2.06E-04	1.28E-05	9.35E-06	2.77E-04	4.42E-05	0.00E+00	1.71E-07	2.55E-07	4.46E-05	5.62E-05	2.06E-04	1.28E-05	9.35E-06	2.84E-04
3567	477363.09, 3850377.25	0.01206	0.00797	0.00204	0.00294	4.87E-05	2.38E-04	1.30E-05	9.28E-06	3.09E-04	4.43E-05	0.00E+00	1.73E-07	2.53E-07	4.48E-05	5.64E-05	2.38E-04	1.30E-05	9.28E-06	3.16E-04
3568	477863.09, 3850377.25	0.01202	0.0097	0.0021	0.00291	4.86E-05	2.89E-04	1.34E-05	9.19E-06	3.61E-04	4.42E-05	0.00E+00	1.79E-07	2.51E-07	4.46E-05	5.62E-05	2.89E-04	1.34E-05	9.19E-06	3.68E-04
3569	478363.09, 3850377.25	0.01162	0.01026	0.00216	0.00291	4.70E-05	3.06E-04	1.38E-05	9.19E-06	3.76E-04	4.27E-05	0.00E+00	1.84E-07	2.51E-07	4.32E-05	5.43E-05	3.06E-04	1.38E-05	9.19E-06	3.83E-04
3570	478863.09, 3850377.25	0.0113	0.01036	0.00219	0.00298	4.57E-05	3.09E-04	1.40E-05	9.41E-06	3.78E-04	4.15E-05	0.00E+00	1.86E-07	2.57E-07	4.20E-05	5.28E-05	3.09E-04	1.40E-05	9.41E-06	3.85E-04
3571	479363.09, 3850377.25	0.01318	0.00987	0.00217	0.00306	5.33E-05	2.94E-04	1.38E-05	9.66E-06	3.71E-04	4.85E-05	0.00E+00	1.85E-07	2.63E-07	4.89E-05	6.16E-05	2.94E-04	1.38E-05	9.66E-06	3.80E-04
3572	479863.09, 3850377.25	0.0178	0.00814	0.00214	0.0032	7.20E-05	2.43E-04	1.37E-05	1.01E-05	3.39E-04	6.54E-05	0.00E+00	1.82E-07	2.76E-07	6.59E-05	8.32E-05	2.43E-04	1.37E-05	1.01E-05	3.50E-04
3573	480363.09, 3850377.25	0.01937	0.00701	0.00218	0.00347	7.83E-05	2.09E-04	1.39E-05	1.10E-05	3.12E-04	7.12E-05	0.00E+00	1.85E-07	2.99E-07	7.17E-05	9.06E-05	2.09E-04	1.39E-05	1.10E-05	3.25E-04
3574	480863.09, 3850377.25	0.01673	0.00647	0.00246	0.00355	6.76E-05	1.93E-04	1.57E-05	1.12E-05	2.88E-04	6.15E-05	0.00E+00	2.09E-07	3.06E-07	6.20E-05	7.82E-05	1.93E-04	1.57E-05	1.12E-05	2.98E-04
3575	481363.09, 3850377.25	0.01055	0.00425	0.00329	0.00345	4.26E-05	1.27E-04	2.10E-05	1.09E-05	2.01E-04	3.88E-05	0.00E+00	2.80E-07	2.97E-07	3.94E-05	4.93E-05	1.27E-04	2.10E-05	1.09E-05	2.08E-04
3576	481863.09, 3850377.25	0.00971	0.00393	0.0038	0.00373	3.92E-05	1.17E-04	2.42E-05	1.18E-05	1.93E-04	3.57E-05	0.00E+00	3.23E-07	3.21E-07	3.63E-05	4.54E-05	1.17E-04	2.42E-05	1.18E-05	1.99E-04
3577	482363.09, 3850377.25	0.00861	0.00366	0.00301	0.00392	3.48E-05	1.09E-04	1.92E-05	1.24E-05	1.76E-04	3.17E-05	0.00E+00	2.56E-07	3.38E-07	3.22E-05	4.03E-05	1.09E-04	1.92E-05	1.24E-05	1.81E-04
3578	482863.09, 3850377.25	0.00562	0.00281	0.00255	0.00348	2.27E-05	8.38E-05	1.63E-05	1.10E-05	1.34E-04	2.07E-05	0.00E+00	2.17E-07	3.00E-07	2.12E-05	2.63E-05	8.38E-05	1.63E-05	1.10E-05	1.37E-04
3579	483363.09, 3850377.25	0.00437	0.00243	0.0025	0.00337	1.77E-05	7.25E-05	1.59E-05	1.06E-05	1.17E-04	1.61E-05	0.00E+00	2.13E-07	2.90E-07	1.66E-05	2.04E-05	7.25E-05	1.59E-05	1.06E-05	1.20E-04
3580	483863.09, 3850377.25	0.00466	0.00252	0.00277	0.00341	1.88E-05	7.52E-05	1.77E-05	1.08E-05	1.22E-04	1.71E-05	0.00E+00	2.36E-07	2.94E-07	1.77E-05	2.18E-05	7.52E-05	1.77E-05	1.08E-05	1.25E-04
3581	484363.09, 3850377.25	0.00582	0.00274	0.00329	0.00353	2.35E-05	8.17E-05	2.10E-05	1.11E-05	1.37E-04	2.14E-05	0.00E+00	2.80E-07	3.04E-07	2.20E-05	2.72E-05	8.17E-05	2.10E-05	1.11E-05	1.41E-04
3582	484863.09, 3850377.25	0.00691	0.00299	0.00362	0.00374	2.79E-05	8.92E-05	2.31E-05	1.18E-05	1.52E-04	2.54E-05	0.00E+00	3.08E-07	3.22E-07	2.60E-05	3.23E-05	8.92E-05	2.31E-05	1.18E-05	1.56E-04
3583	485363.09, 3850377.25	0.00639	0.00303	0.00443	0.00389	2.58E-05	9.04E-05	2.83E-05	1.23E-05	1.57E-04	2.35E-05	0.00E+00	3.77E-07	3.35E-07	2.42E-05	2.99E-05	9.04E-05	2.83E-05	1.23E-05	1.61E-04
3584	485863.09, 3850377.25	0.00535	0.00277	0.00501	0.00384	2.16E-05	8.26E-05	3.20E-05	1.21E-05	1.48E-04	1.97E-05	0.00E+00	4.26E-07	3.31E-07	2.04E-05	2.50E-05	8.26E-05	3.20E-05	1.21E-05	1.52E-04
3585	486363.09, 3850377.25	0.00499	0.00268	0.00472	0.00378	2.02E-05	8.00E-05	3.01E-05	1.19E-05	1.42E-04	1.83E-05	0.00E+00	4.01E-07	3.25E-07	1.91E-05	2.33E-05	8.00E-05	3.01E-05	1.19E-05	1.45E-04
3586	486863.09, 3850377.25	0.00481	0.00276	0.00392	0.00379	1.94E-05	8.23E-05	2.50E-05	1.20E-05	1.39E-04	1.77E-05	0.00E+00	3.33E-07	3.26E-07	1.83E-05	2.25E-05	8.23E-05	2.50E-05	1.20E-05	1.42E-04
3587	487363.09, 3850377.25	0.00439	0.00265	0.00298	0.0038	1.77E-05	7.91E-05	1.90E-05	1.20E-05	1.28E-04	1.61E-05	0.00E+00	2.53E-07	3.27E-07	1.67E-05	2.05E-05	7.91E-05	1.90E-05	1.20E-05	1.31E-04
3588	487863.09, 3850377.25	0.00429	0.00257	0.00276	0.00386	1.73E-05	7.67E-05	1.76E-05	1.22E-05	1.24E-04	1.58E-05	0.00E+00	2.35E-07	3.32E-07	1.63E-05	2.01E-05	7.67E-05	1.76E-05	1.22E-05	1.27E-04
3589	488363.09, 3850377.25	0.00439	0.00262	0.00305	0.00398	1.77E-05	7.82E-05	1.95E-05	1.26E-05	1.28E-04	1.61E-05	0.00E+00	2.59E-07	3.43E-07	1.67E-05	2.05E-05	7.82E-05	1.95E-05	1.26E-05	1.31E-04
3590	488863.09, 3850377.25	0.0046	0.00268	0.00354	0.00414	1.86E-05	8.00E-05	2.26E-05	1.31E-05	1.34E-04	1.69E-05	0.00E+00	3.01E-07	3.56E-07	1.76E-05	2.15E-05	8.00E-05	2.26E-05	1.31E-05	1.37E-04
3591	489363.09, 3850377.25	0.00463	0.00274	0.00378	0.00439	1.87E-05	8.17E-05	2.41E-05	1.39E-05	1.38E-04	1.70E-05	0.00E+00	3.21E-07	3.78E-07	1.77E-05	2.17E-05	8.17E-05	2.41E-05	1.39E-05	1.41E-04
3592	489863.09, 3850377.25	0.00461	0.00272	0.00368	0.00462	1.86E-05	8.11E-05	2.35E-05	1.46E-05	1.38E-04	1.69E-05	0.00E+00	3.13E-07	3.98E-07	1.77E-05	2.16E-05	8.11E-05	2.35E-05	1.46E-05	1.41E-04
3593	490363.09, 3850377.25	0.0047	0.00274	0.00367	0.00475	1.90E-05	8.17E-05	2.34E-05	1.50E-05	1.39E-04	1.73E-05	0.00E+00	3.12E-07	4.09E-07	1.80E-05	2.20E-05	8.17E-05	2.34E-05	1.50E-05	1.42E-04
3594	490863.09, 3850377.25	0.00474	0.00284	0.00372	0.00483	1.92E-05	8.47E-05	2.37E-05	1.53E-05	1.43E-04	1.74E-05	0.00E+00	3.16E-07	4.16E-07	1.82E-05	2.22E-05	8.47E-05	2.37E-05	1.53E-05	1.46E-04
3595	491363.09, 3850377.25	0.00487	0.00291	0.00348	0.00498	1.97E-05	8.68E-05	2.22E-05	1.57E-05	1.44E-04	1.79E-05	0.00E+00	2.96E-07	4.29E-07	1.86E-05	2.28E-05	8.68E-05	2.22E-05	1.57E-05	1.48E-04

3596	491863.09, 3850377.25	0.00485	0.00289	0.00314	0.0051	1.96E-05	8.62E-05	2.00E-05	1.61E-05	1.42E-04	1.78E-05	0.00E+00	2.67E-07	4.39E-07	1.85E-05	2.27E-05	8.62E-05	2.00E-05	1.61E-05	1.45E-04
3597	492363.09, 3850377.25	0.0048	0.00287	0.00294	0.00523	1.94E-05	8.56E-05	1.88E-05	1.65E-05	1.40E-04	1.76E-05	0.00E+00	2.50E-07	4.50E-07	1.83E-05	2.24E-05	8.56E-05	1.88E-05	1.65E-05	1.43E-04
3598	492863.09, 3850377.25	0.00491	0.00295	0.00297	0.00539	1.98E-05	8.80E-05	1.89E-05	1.70E-05	1.44E-04	1.81E-05	0.00E+00	2.53E-07	4.64E-07	1.88E-05	2.30E-05	8.80E-05	1.89E-05	1.70E-05	1.47E-04
3599	493363.09, 3850377.25	0.00496	0.00297	0.00312	0.00546	2.00E-05	8.86E-05	1.99E-05	1.72E-05	1.46E-04	1.82E-05	0.00E+00	2.65E-07	4.70E-07	1.90E-05	2.32E-05	8.86E-05	1.99E-05	1.72E-05	1.49E-04
3600	493863.09, 3850377.25	0.00566	0.00327	0.00359	0.00568	2.29E-05	9.76E-05	2.29E-05	1.79E-05	1.61E-04	2.08E-05	0.00E+00	3.05E-07	4.89E-07	2.16E-05	2.65E-05	9.76E-05	2.29E-05	1.79E-05	1.65E-04
3601	494363.09, 3850377.25	0.00632	0.00353	0.00415	0.0059	2.55E-05	1.05E-04	2.65E-05	1.86E-05	1.76E-04	2.32E-05	0.00E+00	3.53E-07	5.08E-07	2.41E-05	2.96E-05	1.05E-04	2.65E-05	1.86E-05	1.80E-04
3602	494863.09, 3850377.25	0.00736	0.00395	0.0049	0.00613	2.98E-05	1.18E-04	3.13E-05	1.94E-05	1.98E-04	2.71E-05	0.00E+00	4.17E-07	5.28E-07	2.80E-05	3.44E-05	1.18E-04	3.13E-05	1.94E-05	2.03E-04
3603	495363.09, 3850377.25	0.00868	0.00445	0.00549	0.00638	3.51E-05	1.33E-04	3.50E-05	2.01E-05	2.23E-04	3.19E-05	0.00E+00	4.67E-07	5.49E-07	3.29E-05	4.06E-05	1.33E-04	3.50E-05	2.01E-05	2.29E-04
3604	495863.09, 3850377.25	0.00871	0.00447	0.00568	0.00655	3.52E-05	1.33E-04	3.62E-05	2.07E-05	2.25E-04	3.20E-05	0.00E+00	4.83E-07	5.64E-07	3.31E-05	4.07E-05	1.33E-04	3.62E-05	2.07E-05	2.31E-04
3605	496363.09, 3850377.25	0.0101	0.00493	0.00597	0.00678	4.08E-05	1.47E-04	3.81E-05	2.14E-05	2.47E-04	3.71E-05	0.00E+00	5.08E-07	5.84E-07	3.82E-05	4.72E-05	1.47E-04	3.81E-05	2.14E-05	2.54E-04
3606	496863.09, 3850377.25	0.01148	0.00539	0.00595	0.00702	4.64E-05	1.61E-04	3.80E-05	2.22E-05	2.67E-04	4.22E-05	0.00E+00	5.06E-07	6.04E-07	4.33E-05	5.37E-05	1.61E-04	3.80E-05	2.22E-05	2.75E-04
3607	497363.09, 3850377.25	0.01226	0.00566	0.00597	0.00722	4.96E-05	1.69E-04	3.81E-05	2.28E-05	2.79E-04	4.51E-05	0.00E+00	5.08E-07	6.22E-07	4.62E-05	5.73E-05	1.69E-04	3.81E-05	2.28E-05	2.87E-04
3608	497863.09, 3850377.25	0.01242	0.00577	0.00618	0.00734	5.02E-05	1.72E-04	3.94E-05	2.32E-05	2.85E-04	4.57E-05	0.00E+00	5.26E-07	6.32E-07	4.68E-05	5.81E-05	1.72E-04	3.94E-05	2.32E-05	2.93E-04
3609	498363.09, 3850377.25	0.01249	0.00588	0.00657	0.00749	5.05E-05	1.75E-04	4.19E-05	2.36E-05	2.91E-04	4.59E-05	0.00E+00	5.59E-07	6.45E-07	4.71E-05	5.84E-05	1.75E-04	4.19E-05	2.36E-05	2.99E-04
3610	471363.09, 3850877.25	0.00664	0.00365	0.00252	0.00276	2.68E-05	1.09E-04	1.61E-05	8.71E-06	1.61E-04	2.44E-05	0.00E+00	2.14E-07	2.38E-07	2.49E-05	3.11E-05	1.09E-04	1.61E-05	8.71E-06	1.65E-04
3611	471863.09, 3850877.25	0.00699	0.0041	0.00248	0.00281	2.83E-05	1.22E-04	1.58E-05	8.87E-06	1.75E-04	2.57E-05	0.00E+00	2.11E-07	2.42E-07	2.62E-05	3.27E-05	1.22E-04	1.58E-05	8.87E-06	1.80E-04
3612	472363.09, 3850877.25	0.00744	0.00485	0.00242	0.00286	3.01E-05	1.45E-04	1.54E-05	9.03E-06	1.99E-04	2.74E-05	0.00E+00	2.06E-07	2.46E-07	2.78E-05	3.48E-05	1.45E-04	1.54E-05	9.03E-06	2.04E-04
3613	472863.09, 3850877.25	0.00778	0.0058	0.00228	0.00288	3.14E-05	1.73E-04	1.45E-05	9.09E-06	2.28E-04	2.86E-05	0.00E+00	1.94E-07	2.48E-07	2.90E-05	3.64E-05	1.73E-04	1.45E-05	9.09E-06	2.33E-04
3614	473363.09, 3850877.25	0.00765	0.00568	0.0021	0.00287	3.09E-05	1.69E-04	1.34E-05	9.06E-06	2.23E-04	2.81E-05	0.00E+00	1.79E-07	2.47E-07	2.86E-05	3.58E-05	1.69E-04	1.34E-05	9.06E-06	2.28E-04
3615	473863.09, 3850877.25	0.00832	0.00656	0.00198	0.0029	3.36E-05	1.96E-04	1.26E-05	9.16E-06	2.51E-04	3.06E-05	0.00E+00	1.68E-07	2.50E-07	3.10E-05	3.89E-05	1.96E-04	1.26E-05	9.16E-06	2.56E-04
3616	474363.09, 3850877.25	0.00905	0.00749	0.00192	0.00294	3.66E-05	2.23E-04	1.22E-05	9.28E-06	2.82E-04	3.33E-05	0.00E+00	1.63E-07	2.53E-07	3.37E-05	4.23E-05	2.23E-04	1.22E-05	9.28E-06	2.87E-04
3617	474863.09, 3850877.25	0.00979	0.00777	0.00193	0.00297	3.96E-05	2.32E-04	1.23E-05	9.38E-06	2.93E-04	3.60E-05	0.00E+00	1.64E-07	2.56E-07	3.64E-05	4.58E-05	2.32E-04	1.23E-05	9.38E-06	2.99E-04
3618	475363.09, 3850877.25	0.01077	0.00795	0.002	0.00301	4.35E-05	2.37E-04	1.28E-05	9.50E-06	3.03E-04	3.96E-05	0.00E+00	1.70E-07	2.59E-07	4.00E-05	5.04E-05	2.37E-04	1.28E-05	9.50E-06	3.10E-04
3619	475863.09, 3850877.25	0.01191	0.00805	0.00209	0.00306	4.81E-05	2.40E-04	1.33E-05	9.66E-06	3.11E-04	4.38E-05	0.00E+00	1.78E-07	2.63E-07	4.42E-05	5.57E-05	2.40E-04	1.33E-05	9.66E-06	3.19E-04
3620	476363.09, 3850877.25	0.01283	0.00804	0.00215	0.00311	5.19E-05	2.40E-04	1.37E-05	9.82E-06	3.15E-04	4.72E-05	0.00E+00	1.83E-07	2.68E-07	4.76E-05	6.00E-05	2.40E-04	1.37E-05	9.82E-06	3.23E-04
3621	476863.09, 3850877.25	0.01353	0.00787	0.00216	0.00315	5.47E-05	2.35E-04	1.38E-05	9.95E-06	3.13E-04	4.97E-05	0.00E+00	1.84E-07	2.71E-07	5.02E-05	6.33E-05	2.35E-04	1.38E-05	9.95E-06	3.22E-04
3622	477363.09, 3850877.25	0.01388	0.0079	0.00215	0.00318	5.61E-05	2.36E-04	1.37E-05	1.00E-05	3.16E-04	5.10E-05	0.00E+00	1.83E-07	2.74E-07	5.15E-05	6.49E-05	2.36E-04	1.37E-05	1.00E-05	3.24E-04
3623	477863.09, 3850877.25	0.01398	0.00898	0.00215	0.00317	5.65E-05	2.68E-04	1.37E-05	1.00E-05	3.48E-04	5.14E-05	0.00E+00	1.83E-07	2.73E-07	5.19E-05	6.54E-05	2.68E-04	1.37E-05	1.00E-05	3.57E-04
3624	478363.09, 3850877.25	0.01398	0.01114	0.00221	0.00314	5.65E-05	3.32E-04	1.41E-05	9.91E-06	4.13E-04	5.14E-05	0.00E+00	1.88E-07	2.70E-07	5.19E-05	6.54E-05	3.32E-04	1.41E-05	9.91E-06	4.22E-04
3625	478863.09, 3850877.25	0.01376	0.0127	0.00228	0.00313	5.56E-05	3.79E-04	1.45E-05	9.88E-06	4.59E-04	5.06E-05	0.00E+00	1.94E-07	2.70E-07	5.11E-05	6.44E-05	3.79E-04	1.45E-05	9.88E-06	4.68E-04
3626	479363.09, 3850877.25	0.01343	0.01216	0.00232	0.00319	5.43E-05	3.63E-04	1.48E-05	1.01E-05	4.42E-04	4.94E-05	0.00E+00	1.97E-07	2.75E-07	4.98E-05	6.28E-05	3.63E-04	1.48E-05	1.01E-05	4.50E-04
3627	479863.09, 3850877.25	0.01519	0.01091	0.00231	0.0033	6.14E-05	3.25E-04	1.47E-05	1.04E-05	4.12E-04	5.58E-05	0.00E+00	1.96E-07	2.84E-07	5.63E-05	7.10E-05	3.25E-04	1.47E-05	1.04E-05	4.22E-04
3628	480363.09, 3850877.25	0.02015	0.01052	0.00228	0.00339	8.15E-05	3.14E-04	1.45E-05	1.07E-05	4.21E-04	7.41E-05	0.00E+00	1.94E-07	2.92E-07	7.46E-05	9.42E-05	3.14E-04	1.45E-05	1.07E-05	4.33E-04
3629	480863.09, 3850877.25	0.02297	0.00931	0.00231	0.00361	9.28E-05	2.78E-04	1.47E-05	1.14E-05	3.97E-04	8.44E-05	0.00E+00	1.96E-07	3.11E-07	8.50E-05	1.07E-04	2.78E-04	1.47E-05	1.14E-05	4.11E-04
3630	481363.09, 3850877.25	0.01941	0.00772	0.00258	0.00378	7.85E-05	2.30E-04	1.65E-05	1.19E-05	3.37E-04	7.14E-05	0.00E+00	2.19E-07	3.25E-07	7.19E-05	9.08E-05	2.30E-04	1.65E-05	1.19E-05	3.49E-04
3631	481863.09, 3850877.25	0.01569	0.00628	0.00347	0.00397	6.34E-05	1.87E-04	2.21E-05	1.25E-05	2.85E-04	5.77E-05	0.00E+00	2.95E-07	3.42E-07	5.83E-05	7.34E-05	1.87E-04	2.21E-05	1.25E-05	2.95E-04
3632	482363.09, 3850877.25	0.01252	0.00482	0.00377	0.0042	5.06E-05	1.44E-04	2.40E-05	1.33E-05	2.32E-04	4.60E-05	0.00E+00	3.21E-07	3.62E-07	4.67E-05	5.86E-05	1.44E-04	2.40E-05	1.33E-05	2.40E-04
3633	482863.09, 3850877.25	0.00988	0.00401	0.00316	0.00431	3.99E-05	1.20E-04	2.02E-05	1.36E-05	1.93E-04	3.63E-05	0.00E+00	2.69E-07	3.71E-07	3.70E-05	4.62E-05	1.20E-04	2.02E-05	1.36E-05	2.00E-04
3634	483363.09, 3850877.25	0.00726	0.00327	0.0031	0.00383	2.93E-05	9.76E-05	1.98E-05	1.21E-05	1.59E-04	2.67E-05	0.00E+00	2.64E-07	3.30E-07	2.73E-05	3.40E-05	9.76E-05	1.98E-05	1.21E-05	1.63E-04
3635	483863.09, 3850877.25	0.00674	0.00314	0.00337	0.00372	2.72E-05	9.37E-05	2.15E-05	1.17E-05	1.54E-04	2.48E-05	0.00E+00	2.87E-07	3.20E-07	2.54E-05	3.15E-05	9.37E-05	2.15E-05	1.17E-05	1.58E-04
3636	484363.09, 3850877.25	0.00812	0.00346	0.00382	0.00386	3.28E-05	1.03E-04	2.44E-05	1.22E-05	1.73E-04	2.99E-05	0.00E+00	3.25E-07	3.32E-07	3.05E-05	3.80E-05	1.03E-04	2.44E-05	1.22E-05	1.78E-04
3637	484863.09, 3850877.25	0.00816	0.00332	0.00378	0.00409	3.30E-05	9.90E-05	2.41E-05	1.29E-05	1.69E-04	3.00E-05	0.00E+00	3.21E-07	3.52E-07	3.07E-05	3.82E-05	9.90E-05	2.41E-05	1.29E-05	1.74E-04
3638	485363.09, 3850877.25	0.00789	0.00351	0.00444	0.00429	3.19E-05	1.05E-04	2.83E-05	1.35E-05	1.78E-04	2.90E-05	0.00E+00	3.78E-07	3.69E-07	2.98E-05	3.69E-05	1.05E-04	2.83E-05	1.35E-05	1.83E-04
3639	485863.09, 3850877.25	0.00647	0.00315	0.00535	0.00421	2.62E-05	9.40E-05	3.41E-05	1.33E-05	1.68E-04	2.38E-05	0.00E+00	4.55E-07	3.63E-07	2.46E-05	3.03E-05	9.40E-05	3.41E-05	1.33E-05	1.72E-04
3640	486363.09, 3850877.25	0.00631	0.00321	0.00544	0.00431	2.55E-05	9.58E-05	3.47E-05	1.36E-05	1.70E-04	2.32E-05	0.00E+00	4.63E-07	3.71E-07	2.40E-05	2.95E-05	9.58E-05	3.47E-05	1.36E-05	1.74E-04
3641	486863.09, 3850877.25	0.00598	0.00326	0.00468	0.00434	2.42E-05	9.73E-05	2.99E-05	1.37E-05	1.65E-04	2.20E-05	0.00E+00	3.98E-07	3.74E-07	2.28E-05	2.80E-05	9.73E-05	2.99E-05	1.37E-05	1.69E-04
3642	487363.09, 3850877.25	0.00537	0.00313	0.00337	0.00426	2.17E-05	9.34E-05	2.15E-05	1.35E-05	1.50E-04	1.97E-05	0.00E+00	2.87E-07	3.67E-07	2.04E-05	2.51E-05	9.34E-05	2.15E-05	1.35E-05	1.53E-04
3643	487863.09, 3850877.25	0.00535	0.00306	0.00298	0.00433	2.16E-05	9.13E-05	1.90E-05	1.37E-05	1.46E-04	1.97E-05	0.00E+00	2.53E-07	3.73E-07	2.03E-05	2.50E-05	9.13E-05	1.90E-05	1.37E-05	1.49E-04
3644	488363.09, 3850877.25	0.0057	0.00315	0.00328	0.00451	2.30E-05	9.40E-05	2.09E-05	1.42E-05	1.52E-04	2.10E-05	0.00E+00	2.79E-07	3.88E-07	2.16E-05	2.67E-05	9.40E-05	2.09E-05	1.42E-05	1.56E-04
3645	488863.09, 3850877.25	0.00577	0.00321	0.00381	0.00478	2.33E-05	9.58E-05	2.43E-05	1.51E-05	1.58E-04	2.12E-05	0.00E+00	3.24E-07	4.12E-07	2.19E-05	2.70E-05	9.58E-05	2.43E-05	1.51E-05	1.62E-04
3646	489363.09, 3850877.25	0.00586	0.00331	0.00409	0.00508	2.37E-05	9.87E-05	2.61E-05	1.60E-05	1.65E-04	2.15E-05	0.00E+00	3.48E-07	4.37E-07	2.23E-05	2.74E-05	9.87E-05	2.61E-05	1.60E-05	1.68E-04
3647	489863.09, 3850877.25	0.00596	0.00333	0.00391	0.0053	2.41E-05	9.93E-05	2.49E-05	1.67E-05	1.65E-04	2.19E-05	0.00E+00	3.33E-07	4.56E-07	2.27E-05	2.79E-05	9.93E-05	2.49E-05	1.67E-05	1.69E-04
3648	490363.09, 3850877.25	0.00612	0.00345	0.00406	0.00544	2.47E-05	1.03E-04	2.59E-05	1.72E-05	1.71E-04	2.25E-05	0.00E+00	3.45E-07	4.68E-07	2.33E-05	2.86E-05	1.03E-04	2.59E-05	1.72E-05	1.75E-04
3649	490863.09, 3850877.25	0.00638	0.00358	0.00399	0.00559	2.58E-05	1.07E-04	2.55E-05	1.76E-05	1.76E-04	2.35E-05	0.00E+00	3.39E-07	4.81E-07	2.43E-05	2.98E-05	1.07E-04	2.55E-05	1.76E-05	1.80E-04
3650	491363.09, 3850877.25	0.00653	0.00362	0.0036	0.00574	2.64E-05	1.08E-04	2.30E-05	1.81E-05	1.75E-04	2.40E-05	0.00E+00	3.06E-07	4.94E-07	2.48E-05	3.05E-05	1.08E-04	2.30E-05	1.81E-05	1.80E-04
3651	491863.09, 3850877.25	0.00666	0.00364	0.00329	0.0059	2.69E-05	1.09E-04	2.10E-05	1.86E-05	1.75E-04	2.45E-05	0.00E+00	2.80E-07	5.08E-07	2.53E-05	3.11E-05	1.09E-04	2.10E-05	1.86E-05	1.79E-04
3652	492363.09, 3850877.25	0.00672	0.0037	0.00328	0.00604	2.72E-05	1.10E-04	2.09E-05	1.91E-05	1.78E-04	2.47E-05	0.00E+00	2.79E-07	5.20E-07	2.55E-05	3.14E-05	1.10E-04	2.09E-05	1.91E-05	1.82E-04
3653	492863.09, 3850877.25	0.00696	0.00384	0.0034	0.00622	2.81E-05	1.15E-04	2.17E-05	1.96E-05	1.84E-04	2.56E-05	0.00E+00	2.89E-07	5.36E-07	2.64E-05	3.25E-05	1.15E-04	2.17E-05	1.96E-05	1.88E-04
3654	493363.09, 3850877.25	0.0074	0.00401	0.00386	0.00638	2.99E-05	1.20E-04	2.46E-05	2.01E-05	1.94E-04	2.72E-05	0.00E+00	3.28E-07	5.49E-07	2.81E-05	3.46E-05	1.20E-04	2.46E-05	2.01E-05	1.99E-04

3655	493863.09, 3850877.25	0.00849	0.0044	0.00454	0.00661	3.43E-05	1.31E-04	2.90E-05	2.09E-05	2.15E-04	3.12E-05	0.00E+00	3.86E-07	5.69E-07	3.22E-05	3.97E-05	1.31E-04	2.90E-05	2.09E-05	2.21E-04
3656	494363.09, 3850877.25	0.00928	0.00466	0.00521	0.0068	3.75E-05	1.39E-04	3.32E-05	2.15E-05	2.31E-04	3.41E-05	0.00E+00	4.43E-07	5.86E-07	3.51E-05	4.34E-05	1.39E-04	3.32E-05	2.15E-05	2.37E-04
3657	494863.09, 3850877.25	0.01065	0.00515	0.00587	0.00704	4.30E-05	1.54E-04	3.74E-05	2.22E-05	2.56E-04	3.92E-05	0.00E+00	4.99E-07	6.06E-07	4.03E-05	4.98E-05	1.54E-04	3.74E-05	2.22E-05	2.63E-04
3658	495363.09, 3850877.25	0.01217	0.00567	0.00643	0.00733	4.92E-05	1.69E-04	4.10E-05	2.31E-05	2.83E-04	4.47E-05	0.00E+00	5.47E-07	6.31E-07	4.59E-05	5.69E-05	1.69E-04	4.10E-05	2.31E-05	2.90E-04
3659	495863.09, 3850877.25	0.01279	0.00587	0.00649	0.00753	5.17E-05	1.75E-04	4.14E-05	2.38E-05	2.92E-04	4.70E-05	0.00E+00	5.52E-07	6.48E-07	4.82E-05	5.98E-05	1.75E-04	4.14E-05	2.38E-05	3.00E-04
3660	496363.09, 3850877.25	0.01374	0.00618	0.00641	0.00775	5.55E-05	1.84E-04	4.09E-05	2.45E-05	3.05E-04	5.05E-05	0.00E+00	5.45E-07	6.67E-07	5.17E-05	6.43E-05	1.84E-04	4.09E-05	2.45E-05	3.14E-04
3661	496863.09, 3850877.25	0.01513	0.00666	0.00659	0.00798	6.12E-05	1.99E-04	4.20E-05	2.52E-05	3.27E-04	5.56E-05	0.00E+00	5.60E-07	6.87E-07	5.69E-05	7.08E-05	1.99E-04	4.20E-05	2.52E-05	3.37E-04
3662	497363.09, 3850877.25	0.01542	0.00683	0.0068	0.00811	6.23E-05	2.04E-04	4.34E-05	2.56E-05	3.35E-04	5.67E-05	0.00E+00	5.78E-07	6.98E-07	5.80E-05	7.21E-05	2.04E-04	4.34E-05	2.56E-05	3.45E-04
3663	497863.09, 3850877.25	0.01532	0.0069	0.00721	0.0082	6.19E-05	2.06E-04	4.60E-05	2.59E-05	3.40E-04	5.63E-05	0.00E+00	6.13E-07	7.06E-07	5.76E-05	7.16E-05	2.06E-04	4.60E-05	2.59E-05	3.49E-04
3664	498363.09, 3850877.25	0.01515	0.00695	0.00765	0.00827	6.12E-05	2.07E-04	4.88E-05	2.61E-05	3.43E-04	5.57E-05	0.00E+00	6.51E-07	7.12E-07	5.71E-05	7.09E-05	2.07E-04	4.88E-05	2.61E-05	3.53E-04
3665	471363.09, 3851377.25	0.00743	0.00379	0.00297	0.00296	3.00E-05	1.13E-04	1.89E-05	9.35E-06	1.71E-04	2.73E-05	0.00E+00	2.53E-07	2.55E-07	2.78E-05	3.47E-05	1.13E-04	1.89E-05	9.35E-06	1.76E-04
3666	471863.09, 3851377.25	0.00878	0.00464	0.00305	0.00305	3.55E-05	1.38E-04	1.95E-05	9.63E-06	2.03E-04	3.23E-05	0.00E+00	2.59E-07	2.63E-07	3.28E-05	4.11E-05	1.38E-04	1.95E-05	9.63E-06	2.09E-04
3667	472363.09, 3851377.25	0.00889	0.00481	0.00293	0.00306	3.59E-05	1.43E-04	1.87E-05	9.66E-06	2.08E-04	3.27E-05	0.00E+00	2.49E-07	2.63E-07	3.32E-05	4.16E-05	1.43E-04	1.87E-05	9.66E-06	2.13E-04
3668	472863.09, 3851377.25	0.00885	0.00501	0.00279	0.00308	3.58E-05	1.49E-04	1.78E-05	9.72E-06	2.13E-04	3.25E-05	0.00E+00	2.37E-07	2.65E-07	3.30E-05	4.14E-05	1.49E-04	1.78E-05	9.72E-06	2.18E-04
3669	473363.09, 3851377.25	0.0081	0.0047	0.00257	0.00306	3.27E-05	1.40E-04	1.64E-05	9.66E-06	1.99E-04	2.98E-05	0.00E+00	2.19E-07	2.63E-07	3.03E-05	3.79E-05	1.40E-04	1.64E-05	9.66E-06	2.04E-04
3670	473863.09, 3851377.25	0.00823	0.00517	0.00241	0.00308	3.33E-05	1.54E-04	1.54E-05	9.72E-06	2.13E-04	3.03E-05	0.00E+00	2.05E-07	2.65E-07	3.07E-05	3.85E-05	1.54E-04	1.54E-05	9.72E-06	2.18E-04
3671	474363.09, 3851377.25	0.00909	0.00648	0.00228	0.00313	3.67E-05	1.93E-04	1.45E-05	9.88E-06	2.54E-04	3.34E-05	0.00E+00	1.94E-07	2.70E-07	3.39E-05	4.25E-05	1.93E-04	1.45E-05	9.88E-06	2.60E-04
3672	474863.09, 3851377.25	0.00979	0.00762	0.00214	0.00316	3.96E-05	2.27E-04	1.37E-05	9.98E-06	2.91E-04	3.60E-05	0.00E+00	1.82E-07	2.72E-07	3.64E-05	4.58E-05	2.27E-04	1.37E-05	9.98E-06	2.97E-04
3673	475363.09, 3851377.25	0.0105	0.00837	0.00206	0.00319	4.24E-05	2.50E-04	1.31E-05	1.01E-05	3.15E-04	3.86E-05	0.00E+00	1.75E-07	2.75E-07	3.91E-05	4.91E-05	2.50E-04	1.31E-05	1.01E-05	3.22E-04
3674	475863.09, 3851377.25	0.0114	0.00871	0.00207	0.00324	4.61E-05	2.60E-04	1.32E-05	1.02E-05	3.29E-04	4.19E-05	0.00E+00	1.76E-07	2.79E-07	4.24E-05	5.33E-05	2.60E-04	1.32E-05	1.02E-05	3.37E-04
3675	476363.09, 3851377.25	0.01265	0.00891	0.00214	0.00329	5.11E-05	2.66E-04	1.37E-05	1.04E-05	3.41E-04	4.65E-05	0.00E+00	1.82E-07	2.83E-07	4.70E-05	5.92E-05	2.66E-04	1.37E-05	1.04E-05	3.49E-04
3676	476863.09, 3851377.25	0.01407	0.00866	0.00223	0.00334	5.69E-05	2.58E-04	1.42E-05	1.05E-05	3.40E-04	5.17E-05	0.00E+00	1.90E-07	2.88E-07	5.22E-05	6.58E-05	2.58E-04	1.42E-05	1.05E-05	3.49E-04
3677	477363.09, 3851377.25	0.01523	0.00902	0.00229	0.0034	6.16E-05	2.69E-04	1.46E-05	1.07E-05	3.56E-04	5.60E-05	0.00E+00	1.95E-07	2.93E-07	5.65E-05	7.12E-05	2.69E-04	1.46E-05	1.07E-05	3.66E-04
3678	477863.09, 3851377.25	0.01606	0.00903	0.00229	0.00344	6.49E-05	2.69E-04	1.46E-05	1.09E-05	3.60E-04	5.90E-05	0.00E+00	1.95E-07	2.96E-07	5.95E-05	7.51E-05	2.69E-04	1.46E-05	1.09E-05	3.70E-04
3679	478363.09, 3851377.25	0.01642	0.00999	0.00229	0.00344	6.64E-05	2.98E-04	1.46E-05	1.09E-05	3.90E-04	6.04E-05	0.00E+00	1.95E-07	2.96E-07	6.09E-05	7.68E-05	2.98E-04	1.46E-05	1.09E-05	4.00E-04
3680	478863.09, 3851377.25	0.01648	0.01263	0.00233	0.00342	6.66E-05	3.77E-04	1.49E-05	1.08E-05	4.69E-04	6.06E-05	0.00E+00	1.98E-07	2.94E-07	6.11E-05	7.71E-05	3.77E-04	1.49E-05	1.08E-05	4.80E-04
3681	479363.09, 3851377.25	0.01634	0.0143	0.00241	0.00341	6.60E-05	4.27E-04	1.54E-05	1.08E-05	5.19E-04	6.01E-05	0.00E+00	2.05E-07	2.94E-07	6.06E-05	7.64E-05	4.27E-04	1.54E-05	1.08E-05	5.29E-04
3682	479863.09, 3851377.25	0.01586	0.01409	0.00247	0.00348	6.41E-05	4.20E-04	1.58E-05	1.10E-05	5.11E-04	5.83E-05	0.00E+00	2.10E-07	3.00E-07	5.88E-05	7.42E-05	4.20E-04	1.58E-05	1.10E-05	5.21E-04
3683	480363.09, 3851377.25	0.01745	0.01327	0.00248	0.00357	7.05E-05	3.96E-04	1.58E-05	1.13E-05	4.94E-04	6.42E-05	0.00E+00	2.11E-07	3.07E-07	6.47E-05	8.16E-05	3.96E-04	1.58E-05	1.13E-05	5.05E-04
3684	480863.09, 3851377.25	0.0235	0.01258	0.00245	0.00372	9.50E-05	3.75E-04	1.56E-05	1.17E-05	4.98E-04	8.64E-05	0.00E+00	2.08E-07	3.20E-07	8.69E-05	1.10E-04	3.75E-04	1.56E-05	1.17E-05	5.13E-04
3685	481363.09, 3851377.25	0.02646	0.01082	0.00247	0.00392	1.07E-04	3.23E-04	1.58E-05	1.24E-05	4.58E-04	9.73E-05	0.00E+00	2.10E-07	3.38E-07	9.78E-05	1.24E-04	3.23E-04	1.58E-05	1.24E-05	4.75E-04
3686	481863.09, 3851377.25	0.02245	0.00886	0.00277	0.0042	9.07E-05	2.64E-04	1.77E-05	1.33E-05	3.86E-04	8.25E-05	0.00E+00	2.36E-07	3.62E-07	8.31E-05	1.05E-04	2.64E-04	1.77E-05	1.33E-05	4.00E-04
3687	482363.09, 3851377.25	0.01911	0.00743	0.00363	0.00455	7.72E-05	2.22E-04	2.32E-05	1.44E-05	3.36E-04	7.03E-05	0.00E+00	3.09E-07	3.92E-07	7.10E-05	8.94E-05	2.22E-04	2.32E-05	1.44E-05	3.49E-04
3688	482863.09, 3851377.25	0.01575	0.0056	0.0039	0.00477	6.37E-05	1.67E-04	2.49E-05	1.51E-05	2.71E-04	5.79E-05	0.00E+00	3.32E-07	4.11E-07	5.86E-05	7.37E-05	1.67E-04	2.49E-05	1.51E-05	2.81E-04
3689	483363.09, 3851377.25	0.0108	0.00426	0.00315	0.00435	4.37E-05	1.27E-04	2.01E-05	1.37E-05	2.05E-04	3.97E-05	0.00E+00	2.68E-07	3.75E-07	4.03E-05	5.05E-05	1.27E-04	2.01E-05	1.37E-05	2.11E-04
3690	483863.09, 3851377.25	0.00915	0.00377	0.00359	0.00414	3.70E-05	1.12E-04	2.29E-05	1.31E-05	1.85E-04	3.36E-05	0.00E+00	3.05E-07	3.56E-07	3.43E-05	4.28E-05	1.12E-04	2.29E-05	1.31E-05	1.91E-04
3691	484363.09, 3851377.25	0.01157	0.00445	0.00505	0.0043	4.68E-05	1.33E-04	3.22E-05	1.36E-05	2.25E-04	4.25E-05	0.00E+00	4.29E-07	3.70E-07	4.33E-05	5.41E-05	1.33E-04	3.22E-05	1.36E-05	2.33E-04
3692	484863.09, 3851377.25	0.00839	0.00348	0.00381	0.00438	3.39E-05	1.04E-04	2.43E-05	1.38E-05	1.76E-04	3.08E-05	0.00E+00	3.24E-07	3.77E-07	3.15E-05	3.92E-05	1.04E-04	2.43E-05	1.38E-05	1.81E-04
3693	485363.09, 3851377.25	0.0104	0.00414	0.00443	0.00474	4.20E-05	1.24E-04	2.83E-05	1.50E-05	2.09E-04	3.82E-05	0.00E+00	3.77E-07	4.08E-07	3.90E-05	4.86E-05	1.24E-04	2.83E-05	1.50E-05	2.15E-04
3694	485863.09, 3851377.25	0.00822	0.00375	0.00563	0.00476	3.32E-05	1.12E-04	3.59E-05	1.50E-05	1.96E-04	3.02E-05	0.00E+00	4.79E-07	4.10E-07	3.11E-05	3.84E-05	1.12E-04	3.59E-05	1.50E-05	2.01E-04
3695	486363.09, 3851377.25	0.00815	0.00393	0.00629	0.00506	3.29E-05	1.17E-04	4.01E-05	1.60E-05	2.06E-04	3.00E-05	0.00E+00	5.35E-07	4.36E-07	3.09E-05	3.81E-05	1.17E-04	4.01E-05	1.60E-05	2.11E-04
3696	486863.09, 3851377.25	0.00751	0.00387	0.00571	0.00497	3.04E-05	1.15E-04	3.64E-05	1.57E-05	1.98E-04	2.76E-05	0.00E+00	4.86E-07	4.28E-07	2.85E-05	3.51E-05	1.15E-04	3.64E-05	1.57E-05	2.03E-04
3697	487363.09, 3851377.25	0.00614	0.00354	0.00374	0.00477	2.48E-05	1.06E-04	2.39E-05	1.51E-05	1.69E-04	2.26E-05	0.00E+00	3.18E-07	4.11E-07	2.33E-05	2.87E-05	1.06E-04	2.39E-05	1.51E-05	1.73E-04
3698	487863.09, 3851377.25	0.00696	0.00368	0.00323	0.00497	2.81E-05	1.10E-04	2.06E-05	1.57E-05	1.74E-04	2.56E-05	0.00E+00	2.75E-07	4.28E-07	2.63E-05	3.25E-05	1.10E-04	2.06E-05	1.57E-05	1.79E-04
3699	488363.09, 3851377.25	0.00746	0.00388	0.00354	0.00531	3.02E-05	1.16E-04	2.26E-05	1.68E-05	1.85E-04	2.74E-05	0.00E+00	3.01E-07	4.57E-07	2.82E-05	3.49E-05	1.16E-04	2.26E-05	1.68E-05	1.90E-04
3700	488863.09, 3851377.25	0.00749	0.00403	0.00412	0.00568	3.03E-05	1.20E-04	2.63E-05	1.79E-05	1.95E-04	2.75E-05	0.00E+00	3.50E-07	4.89E-07	2.84E-05	3.50E-05	1.20E-04	2.63E-05	1.79E-05	1.99E-04
3701	489363.09, 3851377.25	0.00762	0.00413	0.00438	0.00594	3.08E-05	1.23E-04	2.79E-05	1.88E-05	2.01E-04	2.80E-05	0.00E+00	3.73E-07	5.11E-07	2.89E-05	3.56E-05	1.23E-04	2.79E-05	1.88E-05	2.06E-04
3702	489863.09, 3851377.25	0.00784	0.00418	0.00442	0.00613	3.17E-05	1.25E-04	2.82E-05	1.94E-05	2.04E-04	2.88E-05	0.00E+00	3.76E-07	5.28E-07	2.97E-05	3.67E-05	1.25E-04	2.82E-05	1.94E-05	2.09E-04
3703	490363.09, 3851377.25	0.00824	0.00437	0.00452	0.00629	3.33E-05	1.30E-04	2.88E-05	1.99E-05	2.12E-04	3.03E-05	0.00E+00	3.84E-07	5.42E-07	3.12E-05	3.85E-05	1.30E-04	2.88E-05	1.99E-05	2.18E-04
3704	490863.09, 3851377.25	0.00879	0.00454	0.00423	0.00648	3.55E-05	1.35E-04	2.70E-05	2.05E-05	2.18E-04	3.23E-05	0.00E+00	3.60E-07	5.58E-07	3.32E-05	4.11E-05	1.35E-04	2.70E-05	2.05E-05	2.24E-04
3705	491363.09, 3851377.25	0.00906	0.0046	0.00372	0.00667	3.66E-05	1.37E-04	2.37E-05	2.11E-05	2.19E-04	3.33E-05	0.00E+00	3.16E-07	5.74E-07	3.42E-05	4.24E-05	1.37E-04	2.37E-05	2.11E-05	2.24E-04
3706	491863.09, 3851377.25	0.00929	0.00469	0.00357	0.00686	3.76E-05	1.40E-04	2.28E-05	2.17E-05	2.22E-04	3.42E-05	0.00E+00	3.04E-07	5.91E-07	3.50E-05	4.34E-05	1.40E-04	2.28E-05	2.17E-05	2.28E-04
3707	492363.09, 3851377.25	0.00973	0.00489	0.00363	0.00703	3.93E-05	1.46E-04	2.32E-05	2.22E-05	2.31E-04	3.58E-05	0.00E+00	3.09E-07	6.05E-07	3.67E-05	4.55E-05	1.46E-04	2.32E-05	2.22E-05	2.37E-04
3708	492863.09, 3851377.25	0.01004	0.005	0.004	0.00718	4.06E-05	1.49E-04	2.55E-05	2.27E-05	2.38E-04	3.69E-05	0.00E+00	3.40E-07	6.18E-07	3.79E-05	4.70E-05	1.49E-04	2.55E-05	2.27E-05	2.44E-04
3709	493363.09, 3851377.25	0.00956	0.00481	0.00469	0.00729	3.86E-05	1.43E-04	2.99E-05	2.30E-05	2.35E-04	3.51E-05	0.00E+00	3.99E-07	6.28E-07	3.62E-05	4.47E-05	1.43E-04	2.99E-05	2.30E-05	2.41E-04
3710	493863.09, 3851377.25	0.01089	0.00525	0.00546	0.00755	4.40E-05	1.57E-04	3.48E-05	2.38E-05	2.59E-04	4.00E-05	0.00E+00	4.64E-07	6.50E-07	4.12E-05	5.09E-05	1.57E-04	3.48E-05	2.38E-05	2.66E-04
3711	494363.09, 3851377.25	0.0134	0.00608	0.00631	0.00785	5.42E-05	1.81E-04	4.02E-05	2.48E-05	3.01E-04	4.93E-05	0.00E+00	5.37E-07	6.76E-07	5.05E-05	6.27E-05	1.81E-04	4.02E-05	2.48E-05	3.09E-04
3712	494863.09, 3851377.25	0.01438	0.00643	0.00686	0.0081	5.81E-05	1.92E-04	4.38E-05	2.56E-05	3.19E-04	5.29E-05	0.00E+00	5.83E-07	6.97E-07	5.41E-05	6.72E-05	1.92E-04	4.38E-05	2.56E-05	3.28E-04
3713	495363.09, 3851377.25	0.01702	0.00726	0.00753	0.00849	6.88E-05	2.17E-04	4.80E-05	2.68E-05	3.60E-04	6.26E-05	0.00E+00	6.40E-07	7.31E-07	6.39E-05	7.96E-05	2.17E-04	4.80E-05	2.68E-05	3.71E-04

3714	495863.09, 3851377.25	0.01825	0.00767	0.0073	0.00872	7.38E-05	2.29E-04	4.66E-05	2.75E-05	3.77E-04	6.71E-05	0.00E+00	6.21E-07	7.51E-07	6.85E-05	8.53E-05	2.29E-04	4.66E-05	2.75E-05	3.88E-04
3715	496363.09, 3851377.25	0.01893	0.00793	0.00727	0.00887	7.65E-05	2.37E-04	4.64E-05	2.80E-05	3.87E-04	6.96E-05	0.00E+00	6.18E-07	7.64E-07	7.10E-05	8.85E-05	2.37E-04	4.64E-05	2.80E-05	3.99E-04
3716	496863.09, 3851377.25	0.0192	0.00812	0.00757	0.00897	7.76E-05	2.42E-04	4.83E-05	2.83E-05	3.96E-04	7.06E-05	0.00E+00	6.44E-07	7.72E-07	7.20E-05	8.98E-05	2.42E-04	4.83E-05	2.83E-05	4.09E-04
3717	497363.09, 3851377.25	0.01931	0.00827	0.00805	0.00907	7.81E-05	2.47E-04	5.13E-05	2.86E-05	4.05E-04	7.10E-05	0.00E+00	6.85E-07	7.81E-07	7.25E-05	9.03E-05	2.47E-04	5.13E-05	2.86E-05	4.17E-04
3718	497863.09, 3851377.25	0.01912	0.00832	0.0085	0.0091	7.73E-05	2.48E-04	5.42E-05	2.87E-05	4.08E-04	7.03E-05	0.00E+00	7.23E-07	7.84E-07	7.18E-05	8.94E-05	2.48E-04	5.42E-05	2.87E-05	4.21E-04
3719	498363.09, 3851377.25	0.01819	0.00814	0.00889	0.00908	7.35E-05	2.43E-04	5.67E-05	2.87E-05	4.02E-04	6.69E-05	0.00E+00	7.56E-07	7.82E-07	6.84E-05	8.51E-05	2.43E-04	5.67E-05	2.87E-05	4.13E-04
3720	471363.09, 3851877.25	0.00773	0.00419	0.00324	0.00315	3.12E-05	1.25E-04	2.07E-05	9.95E-06	1.87E-04	2.84E-05	0.00E+00	2.76E-07	2.71E-07	2.90E-05	3.62E-05	1.25E-04	2.07E-05	9.95E-06	1.92E-04
3721	471863.09, 3851877.25	0.00778	0.00407	0.00325	0.00317	3.14E-05	1.21E-04	2.07E-05	1.00E-05	1.84E-04	2.86E-05	0.00E+00	2.76E-07	2.73E-07	2.92E-05	3.64E-05	1.21E-04	2.07E-05	1.00E-05	1.89E-04
3722	472363.09, 3851877.25	0.00879	0.00452	0.00334	0.00325	3.55E-05	1.35E-04	2.13E-05	1.03E-05	2.02E-04	3.23E-05	0.00E+00	2.84E-07	2.80E-07	3.29E-05	4.11E-05	1.35E-04	2.13E-05	1.03E-05	2.08E-04
3723	472863.09, 3851877.25	0.00969	0.00501	0.00333	0.00331	3.92E-05	1.49E-04	2.12E-05	1.05E-05	2.20E-04	3.56E-05	0.00E+00	2.83E-07	2.85E-07	3.62E-05	4.53E-05	1.49E-04	2.12E-05	1.05E-05	2.26E-04
3724	473363.09, 3851877.25	0.00945	0.0048	0.00314	0.0033	3.82E-05	1.43E-04	2.00E-05	1.04E-05	2.12E-04	3.47E-05	0.00E+00	2.67E-07	2.84E-07	3.53E-05	4.42E-05	1.43E-04	2.00E-05	1.04E-05	2.18E-04
3725	473863.09, 3851877.25	0.00962	0.00495	0.00299	0.00332	3.89E-05	1.48E-04	1.91E-05	1.05E-05	2.16E-04	3.54E-05	0.00E+00	2.54E-07	2.86E-07	3.59E-05	4.50E-05	1.48E-04	1.91E-05	1.05E-05	2.22E-04
3726	474363.09, 3851877.25	0.01049	0.00585	0.0029	0.00338	4.24E-05	1.75E-04	1.85E-05	1.07E-05	2.46E-04	3.86E-05	0.00E+00	2.47E-07	2.91E-07	3.91E-05	4.91E-05	1.75E-04	1.85E-05	1.07E-05	2.53E-04
3727	474863.09, 3851877.25	0.01108	0.0071	0.00272	0.00342	4.48E-05	2.12E-04	1.73E-05	1.08E-05	2.85E-04	4.07E-05	0.00E+00	2.31E-07	2.94E-07	4.13E-05	5.18E-05	2.12E-04	1.73E-05	1.08E-05	2.92E-04
3728	475363.09, 3851877.25	0.01134	0.00801	0.0025	0.00343	4.58E-05	2.39E-04	1.59E-05	1.08E-05	3.12E-04	4.17E-05	0.00E+00	2.13E-07	2.95E-07	4.22E-05	5.30E-05	2.39E-04	1.59E-05	1.08E-05	3.19E-04
3729	475863.09, 3851877.25	0.01164	0.00849	0.00231	0.00346	4.71E-05	2.53E-04	1.47E-05	1.09E-05	3.26E-04	4.28E-05	0.00E+00	1.96E-07	2.98E-07	4.33E-05	5.44E-05	2.53E-04	1.47E-05	1.09E-05	3.33E-04
3730	476363.09, 3851877.25	0.01191	0.00804	0.0022	0.0035	4.81E-05	2.40E-04	1.40E-05	1.11E-05	3.13E-04	4.38E-05	0.00E+00	1.87E-07	3.01E-07	4.43E-05	5.57E-05	2.40E-04	1.40E-05	1.11E-05	3.21E-04
3731	476863.09, 3851877.25	0.01317	0.00874	0.00221	0.00355	5.32E-05	2.61E-04	1.41E-05	1.12E-05	3.39E-04	4.84E-05	0.00E+00	1.88E-07	3.06E-07	4.89E-05	6.16E-05	2.61E-04	1.41E-05	1.12E-05	3.48E-04
3732	477363.09, 3851877.25	0.01497	0.00924	0.0023	0.00362	6.05E-05	2.76E-04	1.47E-05	1.14E-05	3.62E-04	5.50E-05	0.00E+00	1.96E-07	3.12E-07	5.55E-05	7.00E-05	2.76E-04	1.47E-05	1.14E-05	3.72E-04
3733	477863.09, 3851877.25	0.01691	0.00929	0.00239	0.00369	6.84E-05	2.77E-04	1.52E-05	1.17E-05	3.72E-04	6.22E-05	0.00E+00	2.03E-07	3.18E-07	6.27E-05	7.91E-05	2.77E-04	1.52E-05	1.17E-05	3.83E-04
3734	478363.09, 3851877.25	0.01852	0.0089	0.00242	0.00374	7.49E-05	2.66E-04	1.54E-05	1.18E-05	3.68E-04	6.81E-05	0.00E+00	2.06E-07	3.22E-07	6.86E-05	8.66E-05	2.66E-04	1.54E-05	1.18E-05	3.79E-04
3735	478863.09, 3851877.25	0.01948	0.01021	0.00243	0.00377	7.87E-05	3.05E-04	1.55E-05	1.19E-05	4.11E-04	7.16E-05	0.00E+00	2.07E-07	3.25E-07	7.21E-05	9.11E-05	3.05E-04	1.55E-05	1.19E-05	4.23E-04
3736	479363.09, 3851877.25	0.01981	0.01397	0.00247	0.00376	8.01E-05	4.17E-04	1.58E-05	1.19E-05	5.24E-04	7.28E-05	0.00E+00	2.10E-07	3.24E-07	7.34E-05	9.26E-05	4.17E-04	1.58E-05	1.19E-05	5.37E-04
3737	479863.09, 3851877.25	0.01973	0.01648	0.00256	0.00377	7.98E-05	4.92E-04	1.63E-05	1.19E-05	6.00E-04	7.25E-05	0.00E+00	2.18E-07	3.25E-07	7.31E-05	9.23E-05	4.92E-04	1.63E-05	1.19E-05	6.12E-04
3738	480363.09, 3851877.25	0.01924	0.016	0.00263	0.00384	7.78E-05	4.77E-04	1.68E-05	1.21E-05	5.84E-04	7.07E-05	0.00E+00	2.24E-07	3.31E-07	7.13E-05	9.00E-05	4.77E-04	1.68E-05	1.21E-05	5.96E-04
3739	480863.09, 3851877.25	0.02046	0.01537	0.00266	0.00396	8.27E-05	4.59E-04	1.70E-05	1.25E-05	5.71E-04	7.52E-05	0.00E+00	2.26E-07	3.41E-07	7.58E-05	9.57E-05	4.59E-04	1.70E-05	1.25E-05	5.84E-04
3740	481363.09, 3851877.25	0.02778	0.01458	0.00264	0.00419	1.12E-04	4.35E-04	1.68E-05	1.32E-05	5.77E-04	1.02E-04	0.00E+00	2.25E-07	3.61E-07	1.03E-04	1.30E-04	4.35E-04	1.68E-05	1.32E-05	5.95E-04
3741	481863.09, 3851877.25	0.03155	0.01198	0.00265	0.00446	1.28E-04	3.57E-04	1.69E-05	1.41E-05	5.16E-04	1.16E-04	0.00E+00	2.25E-07	3.84E-07	1.17E-04	1.48E-04	3.57E-04	1.69E-05	1.41E-05	5.36E-04
3742	482363.09, 3851877.25	0.02467	0.00829	0.00314	0.00493	9.97E-05	2.47E-04	2.00E-05	1.56E-05	3.83E-04	9.07E-05	0.00E+00	2.67E-07	4.25E-07	9.14E-05	1.15E-04	2.47E-04	2.00E-05	1.56E-05	3.98E-04
3743	482863.09, 3851877.25	0.01721	0.0059	0.00441	0.00506	6.96E-05	1.76E-04	2.81E-05	1.60E-05	2.90E-04	6.33E-05	0.00E+00	3.75E-07	4.36E-07	6.41E-05	8.05E-05	1.76E-04	2.81E-05	1.60E-05	3.01E-04
3744	483363.09, 3851877.25	0.01726	0.0059	0.00399	0.00516	6.98E-05	1.76E-04	2.55E-05	1.63E-05	2.88E-04	6.35E-05	0.00E+00	3.39E-07	4.44E-07	6.42E-05	8.07E-05	1.76E-04	2.55E-05	1.63E-05	2.98E-04
3745	483863.09, 3851877.25	0.01512	0.00524	0.00372	0.00491	6.11E-05	1.56E-04	2.37E-05	1.55E-05	2.57E-04	5.56E-05	0.00E+00	3.16E-07	4.23E-07	5.63E-05	7.07E-05	1.56E-04	2.37E-05	1.55E-05	2.66E-04
3746	484363.09, 3851877.25	0.01598	0.0055	0.00536	0.00485	6.46E-05	1.64E-04	3.42E-05	1.53E-05	2.78E-04	5.88E-05	0.00E+00	4.56E-07	4.18E-07	5.96E-05	7.47E-05	1.64E-04	3.42E-05	1.53E-05	2.88E-04
3747	484863.09, 3851877.25	0.01409	0.00492	0.0052	0.00504	5.70E-05	1.47E-04	3.32E-05	1.59E-05	2.53E-04	5.18E-05	0.00E+00	4.42E-07	4.34E-07	5.27E-05	6.59E-05	1.47E-04	3.32E-05	1.59E-05	2.62E-04
3748	485363.09, 3851877.25	0.01336	0.005	0.00452	0.00527	5.40E-05	1.49E-04	2.88E-05	1.66E-05	2.49E-04	4.91E-05	0.00E+00	3.84E-07	4.54E-07	5.00E-05	6.25E-05	1.49E-04	2.88E-05	1.66E-05	2.57E-04
3749	485863.09, 3851877.25	0.01286	0.00511	0.00571	0.00586	5.20E-05	1.52E-04	3.64E-05	1.85E-05	2.59E-04	4.73E-05	0.00E+00	4.86E-07	5.05E-07	4.83E-05	6.01E-05	1.52E-04	3.64E-05	1.85E-05	2.68E-04
3750	486363.09, 3851877.25	0.01002	0.00463	0.00692	0.00587	4.05E-05	1.38E-04	4.41E-05	1.85E-05	2.41E-04	3.68E-05	0.00E+00	5.89E-07	5.05E-07	3.79E-05	4.69E-05	1.38E-04	4.41E-05	1.85E-05	2.48E-04
3751	486863.09, 3851877.25	0.00938	0.00465	0.00675	0.0057	3.79E-05	1.39E-04	4.31E-05	1.80E-05	2.38E-04	3.45E-05	0.00E+00	5.74E-07	4.91E-07	3.56E-05	4.39E-05	1.39E-04	4.31E-05	1.80E-05	2.44E-04
3752	487363.09, 3851877.25	0.00914	0.00465	0.00463	0.00569	3.69E-05	1.39E-04	2.95E-05	1.80E-05	2.23E-04	3.36E-05	0.00E+00	3.94E-07	4.90E-07	3.45E-05	4.27E-05	1.39E-04	2.95E-05	1.80E-05	2.29E-04
3753	487863.09, 3851877.25	0.00821	0.00434	0.00349	0.00593	3.32E-05	1.29E-04	2.23E-05	1.87E-05	2.04E-04	3.02E-05	0.00E+00	2.97E-07	5.11E-07	3.10E-05	3.84E-05	1.29E-04	2.23E-05	1.87E-05	2.09E-04
3754	488363.09, 3851877.25	0.00861	0.00461	0.00381	0.00635	3.48E-05	1.38E-04	2.43E-05	2.00E-05	2.17E-04	3.17E-05	0.00E+00	3.24E-07	5.47E-07	3.25E-05	4.03E-05	1.38E-04	2.43E-05	2.00E-05	2.22E-04
3755	488863.09, 3851877.25	0.00832	0.00466	0.00445	0.00659	3.36E-05	1.39E-04	2.84E-05	2.08E-05	2.22E-04	3.06E-05	0.00E+00	3.78E-07	5.67E-07	3.15E-05	3.89E-05	1.39E-04	2.84E-05	2.08E-05	2.27E-04
3756	489363.09, 3851877.25	0.00851	0.00472	0.00464	0.00683	3.44E-05	1.41E-04	2.96E-05	2.16E-05	2.26E-04	3.13E-05	0.00E+00	3.95E-07	5.88E-07	3.23E-05	3.98E-05	1.41E-04	2.96E-05	2.16E-05	2.32E-04
3757	489863.09, 3851877.25	0.00917	0.00487	0.00453	0.00707	3.71E-05	1.45E-04	2.89E-05	2.23E-05	2.34E-04	3.37E-05	0.00E+00	3.85E-07	6.09E-07	3.47E-05	4.29E-05	1.45E-04	2.89E-05	2.23E-05	2.39E-04
3758	490363.09, 3851877.25	0.0103	0.00521	0.00465	0.00729	4.16E-05	1.55E-04	2.97E-05	2.30E-05	2.50E-04	3.79E-05	0.00E+00	3.95E-07	6.28E-07	3.89E-05	4.82E-05	1.55E-04	2.97E-05	2.30E-05	2.56E-04
3759	490863.09, 3851877.25	0.01148	0.00558	0.00438	0.00755	4.64E-05	1.66E-04	2.79E-05	2.38E-05	2.65E-04	4.22E-05	0.00E+00	3.73E-07	6.50E-07	4.32E-05	5.37E-05	1.66E-04	2.79E-05	2.38E-05	2.72E-04
3760	491363.09, 3851877.25	0.01269	0.00594	0.00414	0.00783	5.13E-05	1.77E-04	2.64E-05	2.47E-05	2.80E-04	4.67E-05	0.00E+00	3.52E-07	6.74E-07	4.77E-05	5.93E-05	1.77E-04	2.64E-05	2.47E-05	2.88E-04
3761	491863.09, 3851877.25	0.0138	0.00629	0.00416	0.00805	5.58E-05	1.88E-04	2.65E-05	2.54E-05	2.95E-04	5.07E-05	0.00E+00	3.54E-07	6.93E-07	5.18E-05	6.45E-05	1.88E-04	2.65E-05	2.54E-05	3.04E-04
3762	492363.09, 3851877.25	0.01424	0.00642	0.00426	0.00823	5.76E-05	1.92E-04	2.72E-05	2.60E-05	3.02E-04	5.24E-05	0.00E+00	3.62E-07	7.09E-07	5.34E-05	6.66E-05	1.92E-04	2.72E-05	2.60E-05	3.11E-04
3763	492863.09, 3851877.25	0.01303	0.00602	0.0049	0.00828	5.27E-05	1.80E-04	3.13E-05	2.61E-05	2.90E-04	4.79E-05	0.00E+00	4.17E-07	7.13E-07	4.90E-05	6.09E-05	1.80E-04	3.13E-05	2.61E-05	2.98E-04
3764	493363.09, 3851877.25	0.0162	0.00696	0.00613	0.00868	6.55E-05	2.08E-04	3.91E-05	2.74E-05	3.40E-04	5.96E-05	0.00E+00	5.21E-07	7.47E-07	6.08E-05	7.58E-05	2.08E-04	3.91E-05	2.74E-05	3.50E-04
3765	493863.09, 3851877.25	0.01981	0.00807	0.00749	0.0091	8.01E-05	2.41E-04	4.78E-05	2.87E-05	3.97E-04	7.28E-05	0.00E+00	6.37E-07	7.84E-07	7.43E-05	9.26E-05	2.41E-04	4.78E-05	2.87E-05	4.10E-04
3766	494363.09, 3851877.25	0.01978	0.00812	0.00811	0.00924	8.00E-05	2.42E-04	5.17E-05	2.92E-05	4.03E-04	7.27E-05	0.00E+00	6.90E-07	7.96E-07	7.42E-05	9.25E-05	2.42E-04	5.17E-05	2.92E-05	4.16E-04
3767	494863.09, 3851877.25	0.0223	0.00892	0.00833	0.00957	9.01E-05	2.66E-04	5.31E-05	3.02E-05	4.40E-04	8.20E-05	0.00E+00	7.08E-07	8.24E-07	8.35E-05	1.04E-04	2.66E-04	5.31E-05	3.02E-05	4.54E-04
3768	495363.09, 3851877.25	0.02387	0.00945	0.00815	0.00981	9.65E-05	2.82E-04	5.20E-05	3.10E-05	4.61E-04	8.78E-05	0.00E+00	6.93E-07	8.45E-07	8.93E-05	1.12E-04	2.82E-04	5.20E-05	3.10E-05	4.77E-04
3769	495863.09, 3851877.25	0.02486	0.00984	0.00819	0.00997	1.00E-04	2.94E-04	5.22E-05	3.15E-05	4.78E-04	9.14E-05	0.00E+00	6.97E-07	8.59E-07	9.30E-05	1.16E-04	2.94E-04	5.22E-05	3.15E-05	4.94E-04
3770	496363.09, 3851877.25	0.02475	0.00992	0.00847	0.01003	1.00E-04	2.96E-04	5.40E-05	3.17E-05	4.82E-04	9.10E-05	0.00E+00	7.20E-07	8.64E-07	9.26E-05	1.16E-04	2.96E-04	5.40E-05	3.17E-05	4.97E-04
3771	496863.09, 3851877.25	0.02443	0.00994	0.00903	0.01004	9.88E-05	2.97E-04	5.76E-05	3.17E-05	4.85E-04	8.98E-05	0.00E+00	7.68E-07	8.65E-07	9.14E-05	1.14E-04	2.97E-04	5.76E-05	3.17E-05	5.00E-04
3772	497363.09, 3851877.25	0.02391	0.00989	0.00955	0.01002	9.66E-05	2.95E-04	6.09E-05	3.16E-05	4.84E-04	8.79E-05	0.00E+00	8.12E-07	8.63E-07	8.96E-05	1.12E-04	2.95E-04	6.09E-05	3.16E-05	4.99E-04

3773	497863.09, 3851877.25	0.02245	0.00957	0.00998	0.00996	9.07E-05	2.86E-04	6.37E-05	3.14E-05	4.71E-04	8.25E-05	0.00E+00	8.49E-07	8.58E-07	8.42E-05	1.05E-04	2.86E-04	6.37E-05	3.14E-05	4.86E-04
3774	498363.09, 3851877.25	0.02105	0.00929	0.01044	0.00994	8.51E-05	2.77E-04	6.66E-05	3.14E-05	4.60E-04	7.74E-05	0.00E+00	8.88E-07	8.56E-07	7.91E-05	9.84E-05	2.77E-04	6.66E-05	3.14E-05	4.74E-04
3775	471363.09, 3852377.25	0.00705	0.00404	0.00317	0.00326	2.85E-05	1.21E-04	2.02E-05	1.03E-05	1.80E-04	2.59E-05	0.00E+00	2.70E-07	2.81E-07	2.65E-05	3.30E-05	1.21E-04	2.02E-05	1.03E-05	1.84E-04
3776	471863.09, 3852377.25	0.008	0.00442	0.0033	0.00334	3.23E-05	1.32E-04	2.10E-05	1.05E-05	1.96E-04	2.94E-05	0.00E+00	2.81E-07	2.88E-07	3.00E-05	3.74E-05	1.32E-04	2.10E-05	1.05E-05	2.01E-04
3777	472363.09, 3852377.25	0.00874	0.00468	0.00346	0.00341	3.53E-05	1.40E-04	2.21E-05	1.08E-05	2.08E-04	3.21E-05	0.00E+00	2.94E-07	2.94E-07	3.27E-05	4.09E-05	1.40E-04	2.21E-05	1.08E-05	2.13E-04
3778	472863.09, 3852377.25	0.00941	0.00491	0.00359	0.00349	3.80E-05	1.46E-04	2.29E-05	1.10E-05	2.18E-04	3.46E-05	0.00E+00	3.05E-07	3.01E-07	3.52E-05	4.40E-05	1.46E-04	2.29E-05	1.10E-05	2.24E-04
3779	473363.09, 3852377.25	0.00995	0.00507	0.00364	0.00356	4.02E-05	1.51E-04	2.32E-05	1.12E-05	2.26E-04	3.66E-05	0.00E+00	3.10E-07	3.07E-07	3.72E-05	4.65E-05	1.51E-04	2.32E-05	1.12E-05	2.32E-04
3780	473863.09, 3852377.25	0.01036	0.00521	0.00361	0.00361	4.19E-05	1.55E-04	2.30E-05	1.14E-05	2.32E-04	3.81E-05	0.00E+00	3.07E-07	3.11E-07	3.87E-05	4.84E-05	1.55E-04	2.30E-05	1.14E-05	2.38E-04
3781	474363.09, 3852377.25	0.01088	0.00542	0.0035	0.00364	4.40E-05	1.62E-04	2.23E-05	1.15E-05	2.39E-04	4.00E-05	0.00E+00	2.98E-07	3.13E-07	4.06E-05	5.09E-05	1.62E-04	2.23E-05	1.15E-05	2.46E-04
3782	474863.09, 3852377.25	0.01299	0.00695	0.00347	0.00374	5.25E-05	2.07E-04	2.21E-05	1.18E-05	2.94E-04	4.78E-05	0.00E+00	2.95E-07	3.22E-07	4.84E-05	6.07E-05	2.07E-04	2.21E-05	1.18E-05	3.02E-04
3783	475363.09, 3852377.25	0.0133	0.00729	0.00326	0.00376	5.38E-05	2.17E-04	2.08E-05	1.19E-05	3.04E-04	4.89E-05	0.00E+00	2.77E-07	3.24E-07	4.95E-05	6.22E-05	2.17E-04	2.08E-05	1.19E-05	3.12E-04
3784	475863.09, 3852377.25	0.01331	0.0076	0.003	0.00377	5.38E-05	2.27E-04	1.91E-05	1.19E-05	3.12E-04	4.89E-05	0.00E+00	2.55E-07	3.25E-07	4.95E-05	6.22E-05	2.27E-04	1.91E-05	1.19E-05	3.20E-04
3785	476363.09, 3852377.25	0.01302	0.0075	0.00271	0.00378	5.26E-05	2.24E-04	1.73E-05	1.19E-05	3.06E-04	4.79E-05	0.00E+00	2.30E-07	3.25E-07	4.84E-05	6.09E-05	2.24E-04	1.73E-05	1.19E-05	3.14E-04
3786	476863.09, 3852377.25	0.01332	0.00785	0.00249	0.00383	5.38E-05	2.34E-04	1.59E-05	1.21E-05	3.16E-04	4.90E-05	0.00E+00	2.12E-07	3.30E-07	4.95E-05	6.23E-05	2.34E-04	1.59E-05	1.21E-05	3.24E-04
3787	477363.09, 3852377.25	0.01366	0.00788	0.00239	0.0039	5.52E-05	2.35E-04	1.52E-05	1.23E-05	3.18E-04	5.02E-05	0.00E+00	2.03E-07	3.36E-07	5.08E-05	6.39E-05	2.35E-04	1.52E-05	1.23E-05	3.27E-04
3788	477863.09, 3852377.25	0.01327	0.00689	0.00236	0.00393	5.36E-05	2.06E-04	1.51E-05	1.24E-05	2.87E-04	4.88E-05	0.00E+00	2.01E-07	3.38E-07	4.93E-05	6.21E-05	2.06E-04	1.51E-05	1.24E-05	2.95E-04
3789	478363.09, 3852377.25	0.01382	0.0064	0.00247	0.00401	5.59E-05	1.91E-04	1.58E-05	1.27E-05	2.75E-04	5.08E-05	0.00E+00	2.10E-07	3.45E-07	5.14E-05	6.46E-05	1.91E-04	1.58E-05	1.27E-05	2.84E-04
3790	478863.09, 3852377.25	0.01831	0.00744	0.0026	0.00413	7.40E-05	2.22E-04	1.66E-05	1.30E-05	3.26E-04	6.73E-05	0.00E+00	2.21E-07	3.56E-07	6.79E-05	8.56E-05	2.22E-04	1.66E-05	1.30E-05	3.37E-04
3791	479363.09, 3852377.25	0.02154	0.00839	0.00263	0.00419	8.71E-05	2.50E-04	1.68E-05	1.32E-05	3.67E-04	7.92E-05	0.00E+00	2.24E-07	3.61E-07	7.98E-05	1.01E-04	2.50E-04	1.68E-05	1.32E-05	3.81E-04
3792	479863.09, 3852377.25	0.02413	0.01332	0.00262	0.00419	9.75E-05	3.97E-04	1.67E-05	1.32E-05	5.25E-04	8.87E-05	0.00E+00	2.23E-07	3.61E-07	8.93E-05	1.13E-04	3.97E-04	1.67E-05	1.32E-05	5.40E-04
3793	480363.09, 3852377.25	0.02438	0.01919	0.00273	0.00424	9.85E-05	5.73E-04	1.74E-05	1.34E-05	7.02E-04	8.96E-05	0.00E+00	2.32E-07	3.65E-07	9.02E-05	1.14E-04	5.73E-04	1.74E-05	1.34E-05	7.17E-04
3794	480863.09, 3852377.25	0.02397	0.01867	0.00282	0.00433	9.69E-05	5.57E-04	1.80E-05	1.37E-05	6.86E-04	8.81E-05	0.00E+00	2.40E-07	3.73E-07	8.87E-05	1.12E-04	5.57E-04	1.80E-05	1.37E-05	7.01E-04
3795	481363.09, 3852377.25	0.02472	0.01807	0.00287	0.00454	9.99E-05	5.39E-04	1.83E-05	1.43E-05	6.72E-04	9.09E-05	0.00E+00	2.44E-07	3.91E-07	9.15E-05	1.16E-04	5.39E-04	1.83E-05	1.43E-05	6.87E-04
3796	481863.09, 3852377.25	0.03371	0.01641	0.00286	0.00483	1.36E-04	4.90E-04	1.82E-05	1.53E-05	6.59E-04	1.24E-04	0.00E+00	2.43E-07	4.16E-07	1.25E-04	1.58E-04	4.90E-04	1.82E-05	1.53E-05	6.81E-04
3797	482363.09, 3852377.25	0.0385	0.01436	0.00286	0.00527	1.56E-04	4.28E-04	1.82E-05	1.66E-05	6.19E-04	1.42E-04	0.00E+00	2.43E-07	4.54E-07	1.42E-04	1.80E-04	4.28E-04	1.82E-05	1.66E-05	6.43E-04
3798	482863.09, 3852377.25	0.03204	0.01134	0.00327	0.00554	1.30E-04	3.38E-04	2.09E-05	1.75E-05	5.06E-04	1.18E-04	0.00E+00	2.78E-07	4.77E-07	1.19E-04	1.50E-04	3.38E-04	2.09E-05	1.75E-05	5.26E-04
3799	483363.09, 3852377.25	0.02572	0.00774	0.00458	0.00582	1.04E-04	2.31E-04	2.92E-05	1.84E-05	3.82E-04	9.46E-05	0.00E+00	3.90E-07	5.01E-07	9.55E-05	1.20E-04	2.31E-04	2.92E-05	1.84E-05	3.99E-04
3800	483863.09, 3852377.25	0.01965	0.00634	0.00407	0.00564	7.94E-05	1.89E-04	2.60E-05	1.78E-05	3.12E-04	7.22E-05	0.00E+00	3.46E-07	4.86E-07	7.31E-05	9.19E-05	1.89E-04	2.60E-05	1.78E-05	3.25E-04
3801	484363.09, 3852377.25	0.02159	0.00665	0.00449	0.00561	8.73E-05	1.98E-04	2.86E-05	1.77E-05	3.32E-04	7.94E-05	0.00E+00	3.82E-07	4.83E-07	8.02E-05	1.01E-04	1.98E-04	2.86E-05	1.77E-05	3.46E-04
3802	484863.09, 3852377.25	0.02114	0.00673	0.0061	0.00561	8.55E-05	2.01E-04	3.89E-05	1.77E-05	3.43E-04	7.77E-05	0.00E+00	5.19E-07	4.83E-07	7.87E-05	9.89E-05	2.01E-04	3.89E-05	1.77E-05	3.56E-04
3803	485363.09, 3852377.25	0.02056	0.00692	0.00508	0.00631	8.31E-05	2.06E-04	3.24E-05	1.99E-05	3.42E-04	7.56E-05	0.00E+00	4.32E-07	5.43E-07	7.66E-05	9.62E-05	2.06E-04	3.24E-05	1.99E-05	3.55E-04
3804	485863.09, 3852377.25	0.01722	0.0064	0.00548	0.00706	6.96E-05	1.91E-04	3.50E-05	2.23E-05	3.18E-04	6.33E-05	0.00E+00	4.66E-07	6.08E-07	6.44E-05	8.05E-05	1.91E-04	3.50E-05	2.23E-05	3.29E-04
3805	486363.09, 3852377.25	0.01268	0.00563	0.00745	0.00675	5.13E-05	1.68E-04	4.75E-05	2.13E-05	2.88E-04	4.66E-05	0.00E+00	6.34E-07	5.81E-07	4.78E-05	5.93E-05	1.68E-04	4.75E-05	2.13E-05	2.96E-04
3806	486863.09, 3852377.25	0.01159	0.00559	0.00744	0.00677	4.68E-05	1.67E-04	4.75E-05	2.14E-05	2.82E-04	4.26E-05	0.00E+00	6.33E-07	5.83E-07	4.38E-05	5.42E-05	1.67E-04	4.75E-05	2.14E-05	2.90E-04
3807	487363.09, 3852377.25	0.01062	0.00552	0.00514	0.00701	4.29E-05	1.65E-04	3.28E-05	2.21E-05	2.63E-04	3.90E-05	0.00E+00	4.37E-07	6.04E-07	4.01E-05	4.97E-05	1.65E-04	3.28E-05	2.21E-05	2.69E-04
3808	487863.09, 3852377.25	0.01017	0.00546	0.0038	0.00729	4.11E-05	1.63E-04	2.42E-05	2.30E-05	2.51E-04	3.74E-05	0.00E+00	3.23E-07	6.28E-07	3.83E-05	4.76E-05	1.63E-04	2.42E-05	2.30E-05	2.58E-04
3809	488363.09, 3852377.25	0.00986	0.00552	0.00412	0.00752	3.99E-05	1.65E-04	2.63E-05	2.37E-05	2.55E-04	3.63E-05	0.00E+00	3.50E-07	6.48E-07	3.72E-05	4.61E-05	1.65E-04	2.63E-05	2.37E-05	2.61E-04
3810	488863.09, 3852377.25	0.00983	0.00554	0.00478	0.00778	3.97E-05	1.65E-04	3.05E-05	2.46E-05	2.60E-04	3.61E-05	0.00E+00	4.07E-07	6.70E-07	3.72E-05	4.60E-05	1.65E-04	3.05E-05	2.46E-05	2.66E-04
3811	489363.09, 3852377.25	0.01059	0.00564	0.00486	0.00807	4.28E-05	1.68E-04	3.10E-05	2.55E-05	2.68E-04	3.89E-05	0.00E+00	4.13E-07	6.95E-07	4.00E-05	4.95E-05	1.68E-04	3.10E-05	2.55E-05	2.74E-04
3812	489863.09, 3852377.25	0.01094	0.00563	0.00479	0.00822	4.42E-05	1.68E-04	3.06E-05	2.60E-05	2.69E-04	4.02E-05	0.00E+00	4.07E-07	7.08E-07	4.13E-05	5.12E-05	1.68E-04	3.06E-05	2.60E-05	2.76E-04
3813	490363.09, 3852377.25	0.01326	0.00633	0.00474	0.00856	5.36E-05	1.89E-04	3.02E-05	2.70E-05	3.00E-04	4.88E-05	0.00E+00	4.03E-07	7.37E-07	4.99E-05	6.20E-05	1.89E-04	3.02E-05	2.70E-05	3.08E-04
3814	490863.09, 3852377.25	0.01549	0.00697	0.00444	0.00892	6.26E-05	2.08E-04	2.83E-05	2.82E-05	3.27E-04	5.69E-05	0.00E+00	3.78E-07	7.68E-07	5.81E-05	7.24E-05	2.08E-04	2.83E-05	2.82E-05	3.37E-04
3815	491363.09, 3852377.25	0.01946	0.00807	0.00472	0.00936	7.87E-05	2.41E-04	3.01E-05	2.96E-05	3.79E-04	7.15E-05	0.00E+00	4.01E-07	8.06E-07	7.28E-05	9.10E-05	2.41E-04	3.01E-05	2.96E-05	3.91E-04
3816	491863.09, 3852377.25	0.02125	0.00856	0.00488	0.00964	8.59E-05	2.55E-04	3.11E-05	3.04E-05	4.03E-04	7.81E-05	0.00E+00	4.15E-07	8.30E-07	7.94E-05	9.94E-05	2.55E-04	3.11E-05	3.04E-05	4.16E-04
3817	492363.09, 3852377.25	0.02263	0.00894	0.00563	0.00991	9.15E-05	2.67E-04	3.59E-05	3.13E-05	4.25E-04	8.32E-05	0.00E+00	4.79E-07	8.53E-07	8.45E-05	1.06E-04	2.67E-04	3.59E-05	3.13E-05	4.40E-04
3818	492863.09, 3852377.25	0.02507	0.0096	0.00702	0.01026	1.01E-04	2.86E-04	4.48E-05	3.24E-05	4.65E-04	9.22E-05	0.00E+00	5.97E-07	8.83E-07	9.37E-05	1.17E-04	2.86E-04	4.48E-05	3.24E-05	4.81E-04
3819	493363.09, 3852377.25	0.02885	0.01065	0.00863	0.01062	1.17E-04	3.18E-04	5.50E-05	3.35E-05	5.23E-04	1.06E-04	0.00E+00	7.34E-07	9.14E-07	1.08E-04	1.35E-04	3.18E-04	5.50E-05	3.35E-05	5.41E-04
3820	493863.09, 3852377.25	0.0293	0.01085	0.00947	0.01072	1.18E-04	3.24E-04	6.04E-05	3.38E-05	5.36E-04	1.08E-04	0.00E+00	8.05E-07	9.23E-07	1.09E-04	1.37E-04	3.24E-04	6.04E-05	3.38E-05	5.55E-04
3821	494363.09, 3852377.25	0.0295	0.01102	0.00935	0.01082	1.19E-04	3.29E-04	5.96E-05	3.42E-05	5.42E-04	1.08E-04	0.00E+00	7.95E-07	9.32E-07	1.10E-04	1.38E-04	3.29E-04	5.96E-05	3.42E-05	5.61E-04
3822	494863.09, 3852377.25	0.03143	0.01166	0.00926	0.01102	1.27E-04	3.48E-04	5.91E-05	3.48E-05	5.69E-04	1.16E-04	0.00E+00	7.88E-07	9.49E-07	1.17E-04	1.47E-04	3.48E-04	5.91E-05	3.48E-05	5.89E-04
3823	495363.09, 3852377.25	0.03335	0.01234	0.00932	0.01121	1.35E-04	3.68E-04	5.94E-05	3.54E-05	5.98E-04	1.23E-04	0.00E+00	7.93E-07	9.65E-07	1.24E-04	1.56E-04	3.68E-04	5.94E-05	3.54E-05	6.19E-04
3824	495863.09, 3852377.25	0.03237	0.0122	0.00961	0.01121	1.31E-04	3.64E-04	6.13E-05	3.54E-05	5.92E-04	1.19E-04	0.00E+00	8.17E-07	9.65E-07	1.21E-04	1.51E-04	3.64E-04	6.13E-05	3.54E-05	6.12E-04
3825	496363.09, 3852377.25	0.03122	0.01201	0.01027	0.01117	1.26E-04	3.58E-04	6.55E-05	3.53E-05	5.85E-04	1.15E-04	0.00E+00	8.73E-07	9.62E-07	1.17E-04	1.46E-04	3.58E-04	6.55E-05	3.53E-05	6.05E-04
3826	496863.09, 3852377.25	0.03044	0.01196	0.01098	0.01113	1.23E-04	3.57E-04	7.00E-05	3.51E-05	5.85E-04	1.12E-04	0.00E+00	9.34E-07	9.58E-07	1.14E-04	1.42E-04	3.57E-04	7.00E-05	3.51E-05	6.04E-04
3827	497363.09, 3852377.25	0.02781	0.01134	0.01141	0.01095	1.12E-04	3.38E-04	7.28E-05	3.46E-05	5.58E-04	1.02E-04	0.00E+00	9.70E-07	9.43E-07	1.04E-04	1.30E-04	3.38E-04	7.28E-05	3.46E-05	5.76E-04
3828	497863.09, 3852377.25	0.02511	0.01075	0.01188	0.01085	1.01E-04	3.21E-04	7.58E-05	3.43E-05	5.32E-04	9.23E-05	0.00E+00	1.01E-06	9.34E-07	9.43E-05	1.17E-04	3.21E-04	7.58E-05	3.43E-05	5.48E-04
3829	498363.09, 3852377.25	0.02269	0.0102	0.01219	0.01077	9.17E-05	3.04E-04	7.78E-05	3.40E-05	5.08E-04	8.34E-05	0.00E+00	1.04E-06	9.27E-07	8.54E-05	1.06E-04	3.04E-04	7.78E-05	3.40E-05	5.22E-04
3830	471363.09, 3852877.25	0.00787	0.0044	0.00336	0.00343	3.18E-05	1.31E-04	2.14E-05	1.08E-05	1.95E-04	2.89E-05	0.00E+00	2.86E-07	2.95E-07	2.95E-05	3.68E-05	1.31E-04	2.14E-05	1.08E-05	2.00E-04
3831	471863.09, 3852877.25	0.00857	0.00471	0.0034	0.00352	3.46E-05	1.41E-04	2.17E-05	1.11E-05	2.08E-04	3.15E-05	0.00E+00	2.89E-07	3.03E-07	3.21E-05	4.01E-05	1.41E-04	2.17E-05	1.11E-05	2.13E-04

3832	472363.09, 3852877.25	0.00935	0.00503	0.00349	0.0036	3.78E-05	1.50E-04	2.23E-05	1.14E-05	2.21E-04	3.44E-05	0.00E+00	2.97E-07	3.10E-07	3.50E-05	4.37E-05	1.50E-04	2.23E-05	1.14E-05	2.27E-04
3833	472863.09, 3852877.25	0.00996	0.00529	0.00359	0.00368	4.03E-05	1.58E-04	2.29E-05	1.16E-05	2.33E-04	3.66E-05	0.00E+00	3.05E-07	3.17E-07	3.72E-05	4.66E-05	1.58E-04	2.29E-05	1.16E-05	2.39E-04
3834	473363.09, 3852877.25	0.01069	0.00557	0.00373	0.00376	4.32E-05	1.66E-04	2.38E-05	1.19E-05	2.45E-04	3.93E-05	0.00E+00	3.17E-07	3.24E-07	3.99E-05	5.00E-05	1.66E-04	2.38E-05	1.19E-05	2.52E-04
3835	473863.09, 3852877.25	0.01162	0.00596	0.00391	0.00385	4.70E-05	1.78E-04	2.49E-05	1.22E-05	2.62E-04	4.27E-05	0.00E+00	3.33E-07	3.32E-07	4.34E-05	5.43E-05	1.78E-04	2.49E-05	1.22E-05	2.69E-04
3836	474363.09, 3852877.25	0.01274	0.00642	0.00405	0.00397	5.15E-05	1.92E-04	2.58E-05	1.25E-05	2.81E-04	4.68E-05	0.00E+00	3.44E-07	3.42E-07	4.75E-05	5.96E-05	1.92E-04	2.58E-05	1.25E-05	2.89E-04
3837	474863.09, 3852877.25	0.01238	0.00609	0.00402	0.00401	5.00E-05	1.82E-04	2.56E-05	1.27E-05	2.70E-04	4.55E-05	0.00E+00	3.42E-07	3.45E-07	4.62E-05	5.79E-05	1.82E-04	2.56E-05	1.27E-05	2.78E-04
3838	475363.09, 3852877.25	0.01371	0.00675	0.004	0.00412	5.54E-05	2.01E-04	2.55E-05	1.30E-05	2.95E-04	5.04E-05	0.00E+00	3.40E-07	3.55E-07	5.11E-05	6.41E-05	2.01E-04	2.55E-05	1.30E-05	3.04E-04
3839	475863.09, 3852877.25	0.01433	0.007	0.00384	0.00416	5.79E-05	2.09E-04	2.45E-05	1.31E-05	3.04E-04	5.27E-05	0.00E+00	3.27E-07	3.58E-07	5.34E-05	6.70E-05	2.09E-04	2.45E-05	1.31E-05	3.13E-04
3840	476363.09, 3852877.25	0.01397	0.00678	0.00355	0.00415	5.65E-05	2.02E-04	2.26E-05	1.31E-05	2.94E-04	5.14E-05	0.00E+00	3.02E-07	3.57E-07	5.20E-05	6.53E-05	2.02E-04	2.26E-05	1.31E-05	3.03E-04
3841	476863.09, 3852877.25	0.01269	0.00621	0.00316	0.00412	5.13E-05	1.85E-04	2.02E-05	1.30E-05	2.70E-04	4.67E-05	0.00E+00	2.69E-07	3.55E-07	4.73E-05	5.93E-05	1.85E-04	2.02E-05	1.30E-05	2.78E-04
3842	477363.09, 3852877.25	0.01149	0.00576	0.00278	0.00414	4.64E-05	1.72E-04	1.77E-05	1.31E-05	2.49E-04	4.22E-05	0.00E+00	2.36E-07	3.56E-07	4.28E-05	5.37E-05	1.72E-04	1.77E-05	1.31E-05	2.56E-04
3843	477863.09, 3852877.25	0.01018	0.00532	0.00249	0.00419	4.11E-05	1.59E-04	1.59E-05	1.32E-05	2.29E-04	3.74E-05	0.00E+00	2.12E-07	3.61E-07	3.80E-05	4.76E-05	1.59E-04	1.59E-05	1.32E-05	2.35E-04
3844	478363.09, 3852877.25	0.00794	0.00475	0.00231	0.00425	3.21E-05	1.42E-04	1.47E-05	1.34E-05	2.02E-04	2.92E-05	0.00E+00	1.96E-07	3.66E-07	2.98E-05	3.71E-05	1.42E-04	1.47E-05	1.34E-05	2.07E-04
3845	478863.09, 3852877.25	0.00958	0.0054	0.00241	0.00439	3.87E-05	1.61E-04	1.54E-05	1.39E-05	2.29E-04	3.52E-05	0.00E+00	2.05E-07	3.78E-07	3.58E-05	4.48E-05	1.61E-04	1.54E-05	1.39E-05	2.35E-04
3846	479363.09, 3852877.25	0.01429	0.00644	0.00263	0.00455	5.78E-05	1.92E-04	1.68E-05	1.44E-05	2.81E-04	5.25E-05	0.00E+00	2.24E-07	3.92E-07	5.32E-05	6.68E-05	1.92E-04	1.68E-05	1.44E-05	2.90E-04
3847	479863.09, 3852877.25	0.02471	0.00952	0.00281	0.00473	9.99E-05	2.84E-04	1.79E-05	1.49E-05	4.17E-04	9.08E-05	0.00E+00	2.39E-07	4.07E-07	9.15E-05	1.16E-04	2.84E-04	1.79E-05	1.49E-05	4.32E-04
3848	480363.09, 3852877.25	0.02975	0.01707	0.00283	0.00478	1.20E-04	5.09E-04	1.81E-05	1.51E-05	6.63E-04	1.09E-04	0.00E+00	2.41E-07	4.12E-07	1.10E-04	1.39E-04	5.09E-04	1.81E-05	1.51E-05	6.82E-04
3849	480863.09, 3852877.25	0.03129	0.0208	0.0029	0.00489	1.26E-04	6.21E-04	1.85E-05	1.54E-05	7.81E-04	1.15E-04	0.00E+00	2.47E-07	4.21E-07	1.16E-04	1.46E-04	6.21E-04	1.85E-05	1.54E-05	8.01E-04
3850	481363.09, 3852877.25	0.0308	0.02253	0.00304	0.00504	1.24E-04	6.72E-04	1.94E-05	1.59E-05	8.32E-04	1.13E-04	0.00E+00	2.59E-07	4.34E-07	1.14E-04	1.44E-04	6.72E-04	1.94E-05	1.59E-05	8.51E-04
3851	481863.09, 3852877.25	0.03105	0.02124	0.00311	0.00548	1.26E-04	6.34E-04	1.98E-05	1.73E-05	7.96E-04	1.14E-04	0.00E+00	2.64E-07	4.72E-07	1.15E-04	1.45E-04	6.34E-04	1.98E-05	1.73E-05	8.16E-04
3852	482363.09, 3852877.25	0.0422	0.01977	0.00311	0.00593	1.71E-04	5.90E-04	1.98E-05	1.87E-05	7.99E-04	1.55E-04	0.00E+00	2.64E-07	5.11E-07	1.56E-04	1.97E-04	5.90E-04	1.98E-05	1.87E-05	8.26E-04
3853	482863.09, 3852877.25	0.04839	0.01755	0.00312	0.00625	1.96E-04	5.24E-04	1.99E-05	1.97E-05	7.59E-04	1.78E-04	0.00E+00	2.65E-07	5.38E-07	1.79E-04	2.26E-04	5.24E-04	1.99E-05	1.97E-05	7.90E-04
3854	483363.09, 3852877.25	0.04063	0.01274	0.00359	0.00643	1.64E-04	3.80E-04	2.29E-05	2.03E-05	5.88E-04	1.49E-04	0.00E+00	3.05E-07	5.54E-07	1.50E-04	1.90E-04	3.80E-04	2.29E-05	2.03E-05	6.13E-04
3855	483863.09, 3852877.25	0.03001	0.00834	0.00499	0.00673	1.21E-04	2.49E-04	3.18E-05	2.12E-05	4.23E-04	1.10E-04	0.00E+00	4.24E-07	5.80E-07	1.11E-04	1.40E-04	2.49E-04	3.18E-05	2.12E-05	4.42E-04
3856	484363.09, 3852877.25	0.03194	0.00891	0.00416	0.00656	1.29E-04	2.66E-04	2.65E-05	2.07E-05	4.42E-04	1.17E-04	0.00E+00	3.54E-07	5.65E-07	1.18E-04	1.49E-04	2.66E-04	2.65E-05	2.07E-05	4.62E-04
3857	484863.09, 3852877.25	0.03043	0.0092	0.00524	0.00682	1.23E-04	2.74E-04	3.34E-05	2.15E-05	4.52E-04	1.12E-04	0.00E+00	4.46E-07	5.87E-07	1.13E-04	1.42E-04	2.74E-04	3.34E-05	2.15E-05	4.72E-04
3858	485363.09, 3852877.25	0.02056	0.00707	0.00639	0.00771	8.31E-05	2.11E-04	4.08E-05	2.43E-05	3.59E-04	7.56E-05	0.00E+00	5.43E-07	6.64E-07	7.68E-05	9.62E-05	2.11E-04	4.08E-05	2.43E-05	3.72E-04
3859	485863.09, 3852877.25	0.01644	0.00664	0.00537	0.00795	6.65E-05	1.98E-04	3.43E-05	2.51E-05	3.24E-04	6.04E-05	0.00E+00	4.57E-07	6.85E-07	6.16E-05	7.69E-05	1.98E-04	3.43E-05	2.51E-05	3.34E-04
3860	486363.09, 3852877.25	0.01304	0.00638	0.00702	0.00808	5.27E-05	1.90E-04	4.48E-05	2.55E-05	3.13E-04	4.79E-05	0.00E+00	5.97E-07	6.96E-07	4.92E-05	6.10E-05	1.90E-04	4.48E-05	2.55E-05	3.22E-04
3861	486863.09, 3852877.25	0.01277	0.00665	0.00735	0.00848	5.16E-05	1.98E-04	4.69E-05	2.68E-05	3.24E-04	4.69E-05	0.00E+00	6.25E-07	7.30E-07	4.83E-05	5.97E-05	1.98E-04	4.69E-05	2.68E-05	3.32E-04
3862	487363.09, 3852877.25	0.01203	0.00672	0.0055	0.00869	4.86E-05	2.00E-04	3.51E-05	2.74E-05	3.12E-04	4.42E-05	0.00E+00	4.68E-07	7.48E-07	4.54E-05	5.63E-05	2.00E-04	3.51E-05	2.74E-05	3.19E-04
3863	487863.09, 3852877.25	0.0123	0.00686	0.00415	0.009	4.97E-05	2.05E-04	2.65E-05	2.84E-05	3.09E-04	4.52E-05	0.00E+00	3.53E-07	7.75E-07	4.63E-05	5.75E-05	2.05E-04	2.65E-05	2.84E-05	3.17E-04
3864	488363.09, 3852877.25	0.01043	0.0061	0.00447	0.0089	4.22E-05	1.82E-04	2.85E-05	2.81E-05	2.81E-04	3.83E-05	0.00E+00	3.80E-07	7.66E-07	3.95E-05	4.88E-05	1.82E-04	2.85E-05	2.81E-05	2.87E-04
3865	488863.09, 3852877.25	0.01294	0.00682	0.0052	0.00938	5.23E-05	2.03E-04	3.32E-05	2.96E-05	3.19E-04	4.76E-05	0.00E+00	4.42E-07	8.08E-07	4.88E-05	6.05E-05	2.03E-04	3.32E-05	2.96E-05	3.27E-04
3866	489363.09, 3852877.25	0.01506	0.00725	0.00524	0.00972	6.09E-05	2.16E-04	3.34E-05	3.07E-05	3.41E-04	5.54E-05	0.00E+00	4.46E-07	8.37E-07	5.67E-05	7.04E-05	2.16E-04	3.34E-05	3.07E-05	3.51E-04
3867	489863.09, 3852877.25	0.01725	0.00771	0.00524	0.01002	6.97E-05	2.30E-04	3.34E-05	3.16E-05	3.65E-04	6.34E-05	0.00E+00	4.46E-07	8.63E-07	6.47E-05	8.07E-05	2.30E-04	3.34E-05	3.16E-05	3.76E-04
3868	490363.09, 3852877.25	0.02371	0.00946	0.0055	0.01065	9.58E-05	2.82E-04	3.51E-05	3.36E-05	4.47E-04	8.72E-05	0.00E+00	4.68E-07	9.17E-07	8.86E-05	1.11E-04	2.82E-04	3.51E-05	3.36E-05	4.62E-04
3869	490863.09, 3852877.25	0.02761	0.01043	0.00535	0.01109	1.12E-04	3.11E-04	3.41E-05	3.50E-05	4.92E-04	1.02E-04	0.00E+00	4.55E-07	9.55E-07	1.03E-04	1.29E-04	3.11E-04	3.41E-05	3.50E-05	5.09E-04
3870	491363.09, 3852877.25	0.03134	0.01142	0.00546	0.01149	1.27E-04	3.41E-04	3.48E-05	3.63E-05	5.38E-04	1.15E-04	0.00E+00	4.64E-07	9.89E-07	1.17E-04	1.47E-04	3.41E-04	3.48E-05	3.63E-05	5.58E-04
3871	491863.09, 3852877.25	0.03355	0.01199	0.00601	0.01174	1.36E-04	3.58E-04	3.83E-05	3.71E-05	5.69E-04	1.23E-04	0.00E+00	5.11E-07	1.01E-06	1.25E-04	1.57E-04	3.58E-04	3.83E-05	3.71E-05	5.90E-04
3872	492363.09, 3852877.25	0.03606	0.01258	0.00763	0.01197	1.46E-04	3.75E-04	4.87E-05	3.78E-05	6.08E-04	1.33E-04	0.00E+00	6.49E-07	1.03E-06	1.34E-04	1.69E-04	3.75E-04	4.87E-05	3.78E-05	6.30E-04
3873	492863.09, 3852877.25	0.04033	0.01363	0.01021	0.01231	1.63E-04	4.07E-04	6.51E-05	3.89E-05	6.74E-04	1.48E-04	0.00E+00	8.68E-07	1.06E-06	1.50E-04	1.89E-04	4.07E-04	6.51E-05	3.89E-05	6.99E-04
3874	493363.09, 3852877.25	0.04314	0.01446	0.01186	0.0125	1.74E-04	4.31E-04	7.56E-05	3.95E-05	7.21E-04	1.59E-04	0.00E+00	1.01E-06	1.08E-06	1.61E-04	2.02E-04	4.31E-04	7.56E-05	3.95E-05	7.48E-04
3875	493863.09, 3852877.25	0.04306	0.01465	0.01128	0.01243	1.74E-04	4.37E-04	7.19E-05	3.92E-05	7.22E-04	1.58E-04	0.00E+00	9.59E-07	1.07E-06	1.60E-04	2.01E-04	4.37E-04	7.19E-05	3.92E-05	7.50E-04
3876	494363.09, 3852877.25	0.04306	0.01482	0.01066	0.01249	1.74E-04	4.42E-04	6.80E-05	3.94E-05	7.24E-04	1.58E-04	0.00E+00	9.07E-07	1.08E-06	1.60E-04	2.01E-04	4.42E-04	6.80E-05	3.94E-05	7.51E-04
3877	494863.09, 3852877.25	0.0438	0.01522	0.01056	0.0126	1.77E-04	4.54E-04	6.74E-05	3.98E-05	7.38E-04	1.61E-04	0.00E+00	8.98E-07	1.08E-06	1.63E-04	2.05E-04	4.54E-04	6.74E-05	3.98E-05	7.66E-04
3878	495363.09, 3852877.25	0.04172	0.01487	0.01106	0.01255	1.69E-04	4.44E-04	7.05E-05	3.96E-05	7.22E-04	1.53E-04	0.00E+00	9.41E-07	1.08E-06	1.55E-04	1.95E-04	4.44E-04	7.05E-05	3.96E-05	7.49E-04
3879	495863.09, 3852877.25	0.03948	0.01448	0.01191	0.01246	1.60E-04	4.32E-04	7.60E-05	3.93E-05	7.07E-04	1.45E-04	0.00E+00	1.01E-06	1.07E-06	1.47E-04	1.85E-04	4.32E-04	7.60E-05	3.93E-05	7.32E-04
3880	496363.09, 3852877.25	0.03876	0.01453	0.01289	0.01242	1.57E-04	4.33E-04	8.22E-05	3.92E-05	7.12E-04	1.43E-04	0.00E+00	1.10E-06	1.07E-06	1.45E-04	1.81E-04	4.33E-04	8.22E-05	3.92E-05	7.36E-04
3881	496863.09, 3852877.25	0.03688	0.01431	0.01368	0.01233	1.49E-04	4.27E-04	8.73E-05	3.89E-05	7.02E-04	1.36E-04	0.00E+00	1.16E-06	1.06E-06	1.38E-04	1.72E-04	4.27E-04	8.73E-05	3.89E-05	7.26E-04
3882	497363.09, 3852877.25	0.03184	0.01305	0.01404	0.01202	1.29E-04	3.89E-04	8.96E-05	3.80E-05	6.46E-04	1.17E-04	0.00E+00	1.19E-06	1.04E-06	1.19E-04	1.49E-04	3.89E-04	8.96E-05	3.80E-05	6.66E-04
3883	497863.09, 3852877.25	0.02442	0.01099	0.01399	0.01163	9.87E-05	3.28E-04	8.92E-05	3.67E-05	5.53E-04	8.98E-05	0.00E+00	1.19E-06	1.00E-06	9.20E-05	1.14E-04	3.28E-04	8.92E-05	3.67E-05	5.68E-04
3884	498363.09, 3852877.25	0.02296	0.01073	0.01482	0.01153	9.28E-05	3.20E-04	9.45E-05	3.64E-05	5.44E-04	8.44E-05	0.00E+00	1.26E-06	9.93E-07	8.67E-05	1.07E-04	3.20E-04	9.45E-05	3.64E-05	5.58E-04
3885	471363.09, 3853377.25	0.00825	0.00475	0.00373	0.00352	3.33E-05	1.42E-04	2.38E-05	1.11E-05	2.10E-04	3.03E-05	0.00E+00	3.17E-07	3.03E-07	3.10E-05	3.86E-05	1.42E-04	2.38E-05	1.11E-05	2.15E-04
3886	471863.09, 3853377.25	0.00907	0.00503	0.0038	0.00365	3.67E-05	1.50E-04	2.42E-05	1.15E-05	2.22E-04	3.33E-05	0.00E+00	3.23E-07	3.14E-07	3.40E-05	4.24E-05	1.50E-04	2.42E-05	1.15E-05	2.28E-04
3887	472363.09, 3853377.25	0.00976	0.00531	0.00383	0.00378	3.95E-05	1.58E-04	2.44E-05	1.19E-05	2.34E-04	3.59E-05	0.00E+00	3.26E-07	3.25E-07	3.65E-05	4.56E-05	1.58E-04	2.44E-05	1.19E-05	2.40E-04
3888	472863.09, 3853377.25	0.01046	0.00561	0.00385	0.0039	4.23E-05	1.67E-04	2.46E-05	1.23E-05	2.47E-04	3.85E-05	0.00E+00	3.27E-07	3.36E-07	3.91E-05	4.89E-05	1.67E-04	2.46E-05	1.23E-05	2.53E-04
3889	473363.09, 3853377.25	0.01103	0.00583	0.00386	0.00399	4.46E-05	1.74E-04	2.46E-05	1.26E-05	2.56E-04	4.06E-05	0.00E+00	3.28E-07	3.44E-07	4.12E-05	5.16E-05	1.74E-04	2.46E-05	1.26E-05	2.63E-04
3890	473863.09, 3853377.25	0.01169	0.00608	0.00391	0.00408	4.73E-05	1.81E-04	2.49E-05	1.29E-05	2.66E-04	4.30E-05	0.00E+00	3.33E-07	3.51E-07	4.37E-05	5.47E-05	1.81E-04	2.49E-05	1.29E-05	2.74E-04

3891	474363.09, 3853377.25	0.0124	0.0063	0.00401	0.00415	5.01E-05	1.88E-04	2.56E-05	1.31E-05	2.77E-04	4.56E-05	0.00E+00	3.41E-07	3.57E-07	4.63E-05	5.80E-05	1.88E-04	2.56E-05	1.31E-05	2.85E-04
3892	474863.09, 3853377.25	0.01257	0.00618	0.00412	0.0042	5.08E-05	1.84E-04	2.63E-05	1.33E-05	2.75E-04	4.62E-05	0.00E+00	3.50E-07	3.62E-07	4.69E-05	5.88E-05	1.84E-04	2.63E-05	1.33E-05	2.83E-04
3893	475363.09, 3853377.25	0.01299	0.00621	0.00424	0.00429	5.25E-05	1.85E-04	2.70E-05	1.35E-05	2.78E-04	4.78E-05	0.00E+00	3.61E-07	3.69E-07	4.85E-05	6.07E-05	1.85E-04	2.70E-05	1.35E-05	2.87E-04
3894	475863.09, 3853377.25	0.0133	0.00624	0.0043	0.00439	5.38E-05	1.86E-04	2.74E-05	1.39E-05	2.81E-04	4.89E-05	0.00E+00	3.66E-07	3.78E-07	4.96E-05	6.22E-05	1.86E-04	2.74E-05	1.39E-05	2.90E-04
3895	476363.09, 3853377.25	0.01257	0.00594	0.00414	0.00445	5.08E-05	1.77E-04	2.64E-05	1.41E-05	2.68E-04	4.62E-05	0.00E+00	3.52E-07	3.83E-07	4.69E-05	5.88E-05	1.77E-04	2.64E-05	1.41E-05	2.76E-04
3896	476863.09, 3853377.25	0.01092	0.0054	0.00379	0.00448	4.41E-05	1.61E-04	2.42E-05	1.41E-05	2.44E-04	4.01E-05	0.00E+00	3.22E-07	3.86E-07	4.09E-05	5.11E-05	1.61E-04	2.42E-05	1.41E-05	2.50E-04
3897	477363.09, 3853377.25	0.01075	0.00544	0.00352	0.00453	4.35E-05	1.62E-04	2.25E-05	1.43E-05	2.43E-04	3.95E-05	0.00E+00	2.99E-07	3.90E-07	4.02E-05	5.03E-05	1.62E-04	2.25E-05	1.43E-05	2.49E-04
3898	477863.09, 3853377.25	0.01082	0.00559	0.00322	0.00459	4.37E-05	1.67E-04	2.05E-05	1.45E-05	2.46E-04	3.98E-05	0.00E+00	2.74E-07	3.95E-07	4.04E-05	5.06E-05	1.67E-04	2.05E-05	1.45E-05	2.52E-04
3899	478363.09, 3853377.25	0.00917	0.0051	0.00277	0.00465	3.71E-05	1.52E-04	1.77E-05	1.47E-05	2.22E-04	3.37E-05	0.00E+00	2.36E-07	4.00E-07	3.43E-05	4.29E-05	1.52E-04	1.77E-05	1.47E-05	2.27E-04
3900	478863.09, 3853377.25	0.00713	0.00451	0.00248	0.00472	2.88E-05	1.35E-04	1.58E-05	1.49E-05	1.94E-04	2.62E-05	0.00E+00	2.11E-07	4.06E-07	2.68E-05	3.33E-05	1.35E-04	1.58E-05	1.49E-05	1.99E-04
3901	479363.09, 3853377.25	0.01163	0.00622	0.00261	0.005	4.70E-05	1.86E-04	1.66E-05	1.58E-05	2.65E-04	4.28E-05	0.00E+00	2.22E-07	4.31E-07	4.34E-05	5.44E-05	1.86E-04	1.66E-05	1.58E-05	2.72E-04
3902	479863.09, 3853377.25	0.0179	0.00806	0.0028	0.00525	7.24E-05	2.40E-04	1.79E-05	1.66E-05	3.47E-04	6.58E-05	0.00E+00	2.38E-07	4.52E-07	6.65E-05	8.37E-05	2.40E-04	1.79E-05	1.66E-05	3.59E-04
3903	480363.09, 3853377.25	0.0293	0.01216	0.00296	0.00547	1.18E-04	3.63E-04	1.89E-05	1.73E-05	5.17E-04	1.08E-04	0.00E+00	2.52E-07	4.71E-07	1.08E-04	1.37E-04	3.63E-04	1.89E-05	1.73E-05	5.36E-04
3904	480863.09, 3853377.25	0.03293	0.01242	0.00304	0.00561	1.33E-04	3.71E-04	1.94E-05	1.77E-05	5.41E-04	1.21E-04	0.00E+00	2.59E-07	4.83E-07	1.22E-04	1.54E-04	3.71E-04	1.94E-05	1.77E-05	5.62E-04
3905	481363.09, 3853377.25	0.04076	0.02035	0.00311	0.00593	1.65E-04	6.07E-04	1.98E-05	1.87E-05	8.10E-04	1.50E-04	0.00E+00	2.64E-07	5.11E-07	1.51E-04	1.91E-04	6.07E-04	1.98E-05	1.87E-05	8.36E-04
3906	481863.09, 3853377.25	0.04147	0.02784	0.0033	0.00625	1.68E-04	8.31E-04	2.10E-05	1.97E-05	1.04E-03	1.52E-04	0.00E+00	2.81E-07	5.38E-07	1.53E-04	1.94E-04	8.31E-04	2.10E-05	1.97E-05	1.07E-03
3907	482363.09, 3853377.25	0.04146	0.02534	0.00339	0.00694	1.68E-04	7.56E-04	2.16E-05	2.19E-05	9.67E-04	1.52E-04	0.00E+00	2.88E-07	5.98E-07	1.53E-04	1.94E-04	7.56E-04	2.16E-05	2.19E-05	9.93E-04
3908	482863.09, 3853377.25	0.05577	0.02455	0.00341	0.00763	2.25E-04	7.32E-04	2.18E-05	2.41E-05	1.00E-03	2.05E-04	0.00E+00	2.90E-07	6.57E-07	2.06E-04	2.61E-04	7.32E-04	2.18E-05	2.41E-05	1.04E-03
3909	483363.09, 3853377.25	0.06414	0.0177	0.00342	0.00759	2.59E-04	5.28E-04	2.18E-05	2.40E-05	8.33E-04	2.36E-04	0.00E+00	2.91E-07	6.54E-07	2.37E-04	3.00E-04	5.28E-04	2.18E-05	2.40E-05	8.74E-04
3910	483863.09, 3853377.25	0.05295	0.01405	0.00404	0.00806	2.14E-04	4.19E-04	2.58E-05	2.54E-05	6.84E-04	1.95E-04	0.00E+00	3.44E-07	6.94E-07	1.96E-04	2.48E-04	4.19E-04	2.58E-05	2.54E-05	7.18E-04
3911	484363.09, 3853377.25	0.04848	0.01318	0.00463	0.008	1.96E-04	3.93E-04	2.95E-05	2.53E-05	6.44E-04	1.78E-04	0.00E+00	3.94E-07	6.89E-07	1.79E-04	2.27E-04	3.93E-04	2.95E-05	2.53E-05	6.75E-04
3912	484863.09, 3853377.25	0.03787	0.01031	0.00475	0.0091	1.53E-04	3.08E-04	3.03E-05	2.87E-05	5.20E-04	1.39E-04	0.00E+00	4.04E-07	7.84E-07	1.40E-04	1.77E-04	3.08E-04	3.03E-05	2.87E-05	5.44E-04
3913	485363.09, 3853377.25	0.02111	0.00797	0.00717	0.00977	8.53E-05	2.38E-04	4.57E-05	3.08E-05	4.00E-04	7.76E-05	0.00E+00	6.10E-07	8.41E-07	7.91E-05	9.87E-05	2.38E-04	4.57E-05	3.08E-05	4.13E-04
3914	485863.09, 3853377.25	0.01395	0.00713	0.00522	0.0097	5.64E-05	2.13E-04	3.33E-05	3.06E-05	3.33E-04	5.13E-05	0.00E+00	4.44E-07	8.35E-07	5.26E-05	6.52E-05	2.13E-04	3.33E-05	3.06E-05	3.42E-04
3915	486363.09, 3853377.25	0.01475	0.00802	0.00632	0.0105	5.96E-05	2.39E-04	4.03E-05	3.32E-05	3.72E-04	5.42E-05	0.00E+00	5.37E-07	9.04E-07	5.57E-05	6.90E-05	2.39E-04	4.03E-05	3.32E-05	3.82E-04
3916	486863.09, 3853377.25	0.01568	0.00878	0.00742	0.01093	6.34E-05	2.62E-04	4.73E-05	3.45E-05	4.07E-04	5.76E-05	0.00E+00	6.31E-07	9.41E-07	5.92E-05	7.33E-05	2.62E-04	4.73E-05	3.45E-05	4.17E-04
3917	487363.09, 3853377.25	0.01869	0.00979	0.00666	0.01123	7.55E-05	2.92E-04	4.25E-05	3.55E-05	4.46E-04	6.87E-05	0.00E+00	5.66E-07	9.67E-07	7.02E-05	8.74E-05	2.92E-04	4.25E-05	3.55E-05	4.57E-04
3918	487863.09, 3853377.25	0.02288	0.01062	0.00471	0.01156	9.25E-05	3.17E-04	3.00E-05	3.65E-05	4.76E-04	8.41E-05	0.00E+00	4.01E-07	9.95E-07	8.55E-05	1.07E-04	3.17E-04	3.00E-05	3.65E-05	4.90E-04
3919	488363.09, 3853377.25	0.02797	0.01168	0.00505	0.01217	1.13E-04	3.48E-04	3.22E-05	3.84E-05	5.32E-04	1.03E-04	0.00E+00	4.29E-07	1.05E-06	1.04E-04	1.31E-04	3.48E-04	3.22E-05	3.84E-05	5.50E-04
3920	488863.09, 3853377.25	0.03221	0.01231	0.00595	0.0128	1.30E-04	3.67E-04	3.80E-05	4.04E-05	5.76E-04	1.18E-04	0.00E+00	5.06E-07	1.10E-06	1.20E-04	1.51E-04	3.67E-04	3.80E-05	4.04E-05	5.96E-04
3921	489363.09, 3853377.25	0.03593	0.01281	0.00638	0.01306	1.45E-04	3.82E-04	4.07E-05	4.12E-05	6.09E-04	1.32E-04	0.00E+00	5.43E-07	1.12E-06	1.34E-04	1.68E-04	3.82E-04	4.07E-05	4.12E-05	6.32E-04
3922	489863.09, 3853377.25	0.03793	0.01321	0.00703	0.01317	1.53E-04	3.94E-04	4.48E-05	4.16E-05	6.34E-04	1.39E-04	0.00E+00	5.98E-07	1.13E-06	1.41E-04	1.77E-04	3.94E-04	4.48E-05	4.16E-05	6.58E-04
3923	490363.09, 3853377.25	0.04296	0.01442	0.00713	0.01357	1.74E-04	4.30E-04	4.55E-05	4.28E-05	6.92E-04	1.58E-04	0.00E+00	6.06E-07	1.17E-06	1.60E-04	2.01E-04	4.30E-04	4.55E-05	4.28E-05	7.19E-04
3924	490863.09, 3853377.25	0.04726	0.01526	0.0068	0.01389	1.91E-04	4.55E-04	4.34E-05	4.39E-05	7.34E-04	1.74E-04	0.00E+00	5.78E-07	1.20E-06	1.76E-04	2.21E-04	4.55E-04	4.34E-05	4.39E-05	7.64E-04
3925	491363.09, 3853377.25	0.05104	0.01611	0.00645	0.01406	2.06E-04	4.81E-04	4.11E-05	4.44E-05	7.72E-04	1.88E-04	0.00E+00	5.49E-07	1.21E-06	1.89E-04	2.39E-04	4.81E-04	4.11E-05	4.44E-05	8.05E-04
3926	491863.09, 3853377.25	0.05396	0.01681	0.00826	0.01412	2.18E-04	5.01E-04	5.27E-05	4.46E-05	8.17E-04	1.98E-04	0.00E+00	7.02E-07	1.22E-06	2.00E-04	2.52E-04	5.01E-04	5.27E-05	4.46E-05	8.51E-04
3927	492363.09, 3853377.25	0.05818	0.01783	0.0113	0.01424	2.35E-04	5.32E-04	7.21E-05	4.50E-05	8.84E-04	2.14E-04	0.00E+00	9.61E-07	1.23E-06	2.16E-04	2.72E-04	5.32E-04	7.21E-05	4.50E-05	9.21E-04
3928	492863.09, 3853377.25	0.06173	0.01886	0.01404	0.01442	2.50E-04	5.63E-04	8.96E-05	4.55E-05	9.47E-04	2.27E-04	0.00E+00	1.19E-06	1.24E-06	2.29E-04	2.89E-04	5.63E-04	8.96E-05	4.55E-05	9.86E-04
3929	493363.09, 3853377.25	0.06171	0.01932	0.01361	0.01435	2.49E-04	5.76E-04	8.68E-05	4.53E-05	9.58E-04	2.27E-04	0.00E+00	1.16E-06	1.24E-06	2.29E-04	2.89E-04	5.76E-04	8.68E-05	4.53E-05	9.97E-04
3930	493863.09, 3853377.25	0.06109	0.0195	0.01277	0.01439	2.47E-04	5.82E-04	8.15E-05	4.54E-05	9.56E-04	2.25E-04	0.00E+00	1.09E-06	1.24E-06	2.27E-04	2.86E-04	5.82E-04	8.15E-05	4.54E-05	9.94E-04
3931	494363.09, 3853377.25	0.05848	0.01912	0.01232	0.01432	2.36E-04	5.70E-04	7.86E-05	4.52E-05	9.31E-04	2.15E-04	0.00E+00	1.05E-06	1.23E-06	2.17E-04	2.73E-04	5.70E-04	7.86E-05	4.52E-05	9.68E-04
3932	494863.09, 3853377.25	0.055	0.01854	0.01343	0.01419	2.22E-04	5.53E-04	8.57E-05	4.48E-05	9.06E-04	2.02E-04	0.00E+00	1.14E-06	1.22E-06	2.05E-04	2.57E-04	5.53E-04	8.57E-05	4.48E-05	9.41E-04
3933	495363.09, 3853377.25	0.05307	0.01839	0.01483	0.01411	2.15E-04	5.49E-04	9.46E-05	4.46E-05	9.02E-04	1.95E-04	0.00E+00	1.26E-06	1.22E-06	1.98E-04	2.48E-04	5.49E-04	9.46E-05	4.46E-05	9.36E-04
3934	495863.09, 3853377.25	0.05002	0.01792	0.01573	0.01391	2.02E-04	5.35E-04	1.00E-04	4.39E-05	8.81E-04	1.84E-04	0.00E+00	1.34E-06	1.20E-06	1.86E-04	2.34E-04	5.35E-04	1.00E-04	4.39E-05	9.13E-04
3935	496363.09, 3853377.25	0.04584	0.0171	0.01631	0.01363	1.85E-04	5.10E-04	1.04E-04	4.30E-05	8.43E-04	1.69E-04	0.00E+00	1.39E-06	1.17E-06	1.71E-04	2.14E-04	5.10E-04	1.04E-04	4.30E-05	8.72E-04
3936	496863.09, 3853377.25	0.04026	0.01582	0.01691	0.01329	1.63E-04	4.72E-04	1.08E-04	4.20E-05	7.85E-04	1.48E-04	0.00E+00	1.44E-06	1.14E-06	1.51E-04	1.88E-04	4.72E-04	1.08E-04	4.20E-05	8.10E-04
3937	497363.09, 3853377.25	0.03359	0.01418	0.01737	0.01291	1.36E-04	4.23E-04	1.11E-04	4.08E-05	7.10E-04	1.23E-04	0.00E+00	1.48E-06	1.11E-06	1.26E-04	1.57E-04	4.23E-04	1.11E-04	4.08E-05	7.32E-04
3938	497863.09, 3853377.25	0.023	0.01096	0.01682	0.0121	9.30E-05	3.27E-04	1.07E-04	3.82E-05	5.65E-04	8.46E-05	0.00E+00	1.43E-06	1.04E-06	8.70E-05	1.08E-04	3.27E-04	1.07E-04	3.82E-05	5.80E-04
3939	498363.09, 3853377.25	0.01822	0.00943	0.0168	0.01148	7.36E-05	2.81E-04	1.07E-04	3.62E-05	4.98E-04	6.70E-05	0.00E+00	1.43E-06	9.89E-07	6.94E-05	8.52E-05	2.81E-04	1.07E-04	3.62E-05	5.10E-04
3940	471363.09, 3853877.25	0.00809	0.0051	0.00396	0.00351	3.27E-05	1.52E-04	2.53E-05	1.11E-05	2.21E-04	2.97E-05	0.00E+00	3.37E-07	3.02E-07	3.04E-05	3.78E-05	1.52E-04	2.53E-05	1.11E-05	2.26E-04
3941	471863.09, 3853877.25	0.00907	0.00548	0.00419	0.00365	3.67E-05	1.63E-04	2.67E-05	1.15E-05	2.38E-04	3.33E-05	0.00E+00	3.56E-07	3.14E-07	3.40E-05	4.24E-05	1.63E-04	2.67E-05	1.15E-05	2.44E-04
3942	472363.09, 3853877.25	0.00973	0.00566	0.00429	0.00379	3.93E-05	1.69E-04	2.74E-05	1.20E-05	2.48E-04	3.58E-05	0.00E+00	3.65E-07	3.26E-07	3.65E-05	4.55E-05	1.69E-04	2.74E-05	1.20E-05	2.54E-04
3943	472863.09, 3853877.25	0.01054	0.00591	0.00438	0.00395	4.26E-05	1.76E-04	2.79E-05	1.25E-05	2.59E-04	3.88E-05	0.00E+00	3.73E-07	3.40E-07	3.95E-05	4.93E-05	1.76E-04	2.79E-05	1.25E-05	2.66E-04
3944	473363.09, 3853877.25	0.01114	0.00603	0.00437	0.0041	4.50E-05	1.80E-04	2.79E-05	1.29E-05	2.66E-04	4.10E-05	0.00E+00	3.72E-07	3.53E-07	4.17E-05	5.21E-05	1.80E-04	2.79E-05	1.29E-05	2.73E-04
3945	473863.09, 3853877.25	0.01176	0.0062	0.00434	0.00424	4.75E-05	1.85E-04	2.77E-05	1.34E-05	2.74E-04	4.32E-05	0.00E+00	3.69E-07	3.65E-07	4.40E-05	5.50E-05	1.85E-04	2.77E-05	1.34E-05	2.81E-04
3946	474363.09, 3853877.25	0.01254	0.00648	0.00433	0.00439	5.07E-05	1.93E-04	2.76E-05	1.39E-05	2.85E-04	4.61E-05	0.00E+00	3.68E-07	3.78E-07	4.68E-05	5.86E-05	1.93E-04	2.76E-05	1.39E-05	2.93E-04
3947	474863.09, 3853877.25	0.01316	0.00668	0.00432	0.00452	5.32E-05	1.99E-04	2.76E-05	1.43E-05	2.94E-04	4.84E-05	0.00E+00	3.67E-07	3.89E-07	4.91E-05	6.15E-05	1.99E-04	2.76E-05	1.43E-05	3.03E-04
3948	475363.09, 3853877.25	0.01295	0.00648	0.00431	0.00456	5.23E-05	1.93E-04	2.75E-05	1.44E-05	2.88E-04	4.76E-05	0.00E+00	3.67E-07	3.93E-07	4.84E-05	6.06E-05	1.93E-04	2.75E-05	1.44E-05	2.96E-04
3949	475863.09, 3853877.25	0.01129	0.00586	0.00427	0.00458	4.56E-05	1.75E-04	2.72E-05	1.45E-05	2.62E-04	4.15E-05	0.00E+00	3.63E-07	3.94E-07	4.23E-05	5.28E-05	1.75E-04	2.72E-05	1.45E-05	2.69E-04

3950	476363.09, 3853877.25	0.0096	0.0053	0.00421	0.00462	3.88E-05	1.58E-04	2.69E-05	1.46E-05	2.38E-04	3.53E-05	0.00E+00	3.58E-07	3.98E-07	3.61E-05	4.49E-05	1.58E-04	2.69E-05	1.46E-05	2.44E-04
3951	476863.09, 3853877.25	0.00776	0.0047	0.00394	0.00469	3.14E-05	1.40E-04	2.51E-05	1.48E-05	2.12E-04	2.85E-05	0.00E+00	3.35E-07	4.04E-07	2.93E-05	3.63E-05	1.40E-04	2.51E-05	1.48E-05	2.16E-04
3952	477363.09, 3853877.25	0.00858	0.00496	0.00389	0.00484	3.47E-05	1.48E-04	2.48E-05	1.53E-05	2.23E-04	3.15E-05	0.00E+00	3.31E-07	4.17E-07	3.23E-05	4.01E-05	1.48E-04	2.48E-05	1.53E-05	2.28E-04
3953	477863.09, 3853877.25	0.00991	0.00545	0.00386	0.00501	4.01E-05	1.63E-04	2.46E-05	1.58E-05	2.43E-04	3.64E-05	0.00E+00	3.28E-07	4.31E-07	3.72E-05	4.63E-05	1.63E-04	2.46E-05	1.58E-05	2.49E-04
3954	478363.09, 3853877.25	0.01057	0.00576	0.00368	0.00517	4.27E-05	1.72E-04	2.35E-05	1.63E-05	2.54E-04	3.89E-05	0.00E+00	3.13E-07	4.45E-07	3.96E-05	4.94E-05	1.72E-04	2.35E-05	1.63E-05	2.61E-04
3955	478863.09, 3853877.25	0.00768	0.00482	0.00316	0.00526	3.10E-05	1.44E-04	2.02E-05	1.66E-05	2.12E-04	2.82E-05	0.00E+00	2.69E-07	4.53E-07	2.90E-05	3.59E-05	1.44E-04	2.02E-05	1.66E-05	2.16E-04
3956	479363.09, 3853877.25	0.01029	0.00587	0.00306	0.00549	4.16E-05	1.75E-04	1.95E-05	1.73E-05	2.54E-04	3.78E-05	0.00E+00	2.60E-07	4.73E-07	3.86E-05	4.81E-05	1.75E-04	1.95E-05	1.73E-05	2.60E-04
3957	479863.09, 3853877.25	0.01863	0.00859	0.00318	0.00589	7.53E-05	2.56E-04	2.03E-05	1.86E-05	3.70E-04	6.85E-05	0.00E+00	2.70E-07	5.07E-07	6.93E-05	8.71E-05	2.56E-04	2.03E-05	1.86E-05	3.82E-04
3958	480363.09, 3853877.25	0.0268	0.01098	0.00312	0.00635	1.08E-04	3.28E-04	1.99E-05	2.00E-05	4.76E-04	9.85E-05	0.00E+00	2.65E-07	5.47E-07	9.93E-05	1.25E-04	3.28E-04	1.99E-05	2.00E-05	4.93E-04
3959	480863.09, 3853877.25	0.03807	0.01629	0.00318	0.0067	1.54E-04	4.86E-04	2.03E-05	2.12E-05	6.81E-04	1.40E-04	0.00E+00	2.70E-07	5.77E-07	1.41E-04	1.78E-04	4.86E-04	2.03E-05	2.12E-05	7.05E-04
3960	481363.09, 3853877.25	0.04528	0.02268	0.00331	0.0071	1.83E-04	6.77E-04	2.11E-05	2.24E-05	9.03E-04	1.66E-04	0.00E+00	2.82E-07	6.11E-07	1.67E-04	2.12E-04	6.77E-04	2.11E-05	2.24E-05	9.32E-04
3961	481863.09, 3853877.25	0.05157	0.03737	0.0035	0.00795	2.08E-04	1.11E-03	2.23E-05	2.51E-05	1.37E-03	1.90E-04	0.00E+00	2.98E-07	6.85E-07	1.91E-04	2.41E-04	1.11E-03	2.23E-05	2.51E-05	1.40E-03
3962	482363.09, 3853877.25	0.05823	0.03556	0.00361	0.00896	2.35E-04	1.06E-03	2.30E-05	2.83E-05	1.35E-03	2.14E-04	0.00E+00	3.07E-07	7.72E-07	2.15E-04	2.72E-04	1.06E-03	2.30E-05	2.83E-05	1.38E-03
3963	482863.09, 3853877.25	0.06218	0.03067	0.00369	0.01034	2.51E-04	9.15E-04	2.35E-05	3.26E-05	1.22E-03	2.29E-04	0.00E+00	3.14E-07	8.90E-07	2.30E-04	2.91E-04	9.15E-04	2.35E-05	3.26E-05	1.26E-03
3964	483363.09, 3853877.25	0.08343	0.02377	0.00371	0.0101	3.37E-04	7.09E-04	2.37E-05	3.19E-05	1.10E-03	3.07E-04	0.00E+00	3.16E-07	8.70E-07	3.08E-04	3.90E-04	7.09E-04	2.37E-05	3.19E-05	1.15E-03
3965	483863.09, 3853877.25	0.09187	0.02092	0.00379	0.01096	3.71E-04	6.24E-04	2.42E-05	3.46E-05	1.05E-03	3.38E-04	0.00E+00	3.22E-07	9.44E-07	3.39E-04	4.30E-04	6.24E-04	2.42E-05	3.46E-05	1.11E-03
3966	484363.09, 3853877.25	0.06881	0.01585	0.00478	0.01226	2.78E-04	4.73E-04	3.05E-05	3.87E-05	8.20E-04	2.53E-04	0.00E+00	4.07E-07	1.06E-06	2.54E-04	3.22E-04	4.73E-04	3.05E-05	3.87E-05	8.64E-04
3967	484863.09, 3853877.25	0.04359	0.01276	0.00586	0.01384	1.76E-04	3.81E-04	3.74E-05	4.37E-05	6.38E-04	1.60E-04	0.00E+00	4.98E-07	1.19E-06	1.62E-04	2.04E-04	3.81E-04	3.74E-05	4.37E-05	6.66E-04
3968	485363.09, 3853877.25	0.02295	0.01068	0.00556	0.01391	9.28E-05	3.19E-04	3.55E-05	4.39E-05	4.91E-04	8.44E-05	0.00E+00	4.73E-07	1.20E-06	8.60E-05	1.07E-04	3.19E-04	3.55E-05	4.39E-05	5.05E-04
3969	485863.09, 3853877.25	0.02584	0.01266	0.00738	0.01469	1.04E-04	3.78E-04	4.71E-05	4.64E-05	5.76E-04	9.50E-05	0.00E+00	6.28E-07	1.26E-06	9.69E-05	1.21E-04	3.78E-04	4.71E-05	4.64E-05	5.92E-04
3970	486363.09, 3853877.25	0.0265	0.01356	0.00655	0.01474	1.07E-04	4.05E-04	4.18E-05	4.65E-05	6.00E-04	9.74E-05	0.00E+00	5.57E-07	1.27E-06	9.93E-05	1.24E-04	4.05E-04	4.18E-05	4.65E-05	6.17E-04
3971	486863.09, 3853877.25	0.02943	0.01409	0.00855	0.01465	1.19E-04	4.20E-04	5.45E-05	4.63E-05	6.40E-04	1.08E-04	0.00E+00	7.27E-07	1.26E-06	1.10E-04	1.38E-04	4.20E-04	5.45E-05	4.63E-05	6.59E-04
3972	487363.09, 3853877.25	0.03745	0.01544	0.0086	0.01536	1.51E-04	4.61E-04	5.49E-05	4.85E-05	7.15E-04	1.38E-04	0.00E+00	7.31E-07	1.32E-06	1.40E-04	1.75E-04	4.61E-04	5.49E-05	4.85E-05	7.39E-04
3973	487863.09, 3853877.25	0.05075	0.01759	0.0056	0.01621	2.05E-04	5.25E-04	3.57E-05	5.12E-05	8.17E-04	1.87E-04	0.00E+00	4.76E-07	1.40E-06	1.88E-04	2.37E-04	5.25E-04	3.57E-05	5.12E-05	8.49E-04
3974	488363.09, 3853877.25	0.06001	0.01891	0.0058	0.01653	2.43E-04	5.64E-04	3.70E-05	5.22E-05	8.96E-04	2.21E-04	0.00E+00	4.93E-07	1.42E-06	2.23E-04	2.81E-04	5.64E-04	3.70E-05	5.22E-05	9.34E-04
3975	488863.09, 3853877.25	0.0714	0.02066	0.00681	0.01728	2.89E-04	6.16E-04	4.34E-05	5.46E-05	1.00E-03	2.63E-04	0.00E+00	5.79E-07	1.49E-06	2.65E-04	3.34E-04	6.16E-04	4.34E-05	5.46E-05	1.05E-03
3976	489363.09, 3853877.25	0.07217	0.02048	0.00799	0.01721	2.92E-04	6.11E-04	5.10E-05	5.43E-05	1.01E-03	2.65E-04	0.00E+00	6.80E-07	1.48E-06	2.67E-04	3.38E-04	6.11E-04	5.10E-05	5.43E-05	1.05E-03
3977	489863.09, 3853877.25	0.07756	0.02164	0.00946	0.01722	3.14E-04	6.46E-04	6.03E-05	5.44E-05	1.07E-03	2.85E-04	0.00E+00	8.05E-07	1.48E-06	2.87E-04	3.63E-04	6.46E-04	6.03E-05	5.44E-05	1.12E-03
3978	490363.09, 3853877.25	0.07903	0.02195	0.00988	0.017	3.19E-04	6.55E-04	6.30E-05	5.37E-05	1.09E-03	2.91E-04	0.00E+00	8.40E-07	1.46E-06	2.93E-04	3.70E-04	6.55E-04	6.30E-05	5.37E-05	1.14E-03
3979	490863.09, 3853877.25	0.08171	0.02258	0.00737	0.01692	3.30E-04	6.74E-04	4.70E-05	5.34E-05	1.10E-03	3.00E-04	0.00E+00	6.27E-07	1.46E-06	3.02E-04	3.82E-04	6.74E-04	4.70E-05	5.34E-05	1.16E-03
3980	491363.09, 3853877.25	0.08423	0.02321	0.00899	0.01692	3.40E-04	6.92E-04	5.73E-05	5.34E-05	1.14E-03	3.10E-04	0.00E+00	7.65E-07	1.46E-06	3.12E-04	3.94E-04	6.92E-04	5.73E-05	5.34E-05	1.20E-03
3981	491863.09, 3853877.25	0.08553	0.02368	0.01334	0.01676	3.46E-04	7.06E-04	8.51E-05	5.29E-05	1.19E-03	3.14E-04	0.00E+00	1.13E-06	1.44E-06	3.17E-04	4.00E-04	7.06E-04	8.51E-05	5.29E-05	1.24E-03
3982	492363.09, 3853877.25	0.08874	0.02498	0.01636	0.01669	3.59E-04	7.45E-04	1.04E-04	5.27E-05	1.26E-03	3.26E-04	0.00E+00	1.39E-06	1.44E-06	3.29E-04	4.15E-04	7.45E-04	1.04E-04	5.27E-05	1.32E-03
3983	492863.09, 3853877.25	0.08913	0.02578	0.01674	0.01666	3.60E-04	7.69E-04	1.07E-04	5.26E-05	1.29E-03	3.28E-04	0.00E+00	1.42E-06	1.43E-06	3.31E-04	4.17E-04	7.69E-04	1.07E-04	5.26E-05	1.35E-03
3984	493363.09, 3853877.25	0.08617	0.02564	0.01524	0.01661	3.48E-04	7.65E-04	9.72E-05	5.24E-05	1.26E-03	3.17E-04	0.00E+00	1.30E-06	1.43E-06	3.20E-04	4.03E-04	7.65E-04	9.72E-05	5.24E-05	1.32E-03
3985	493863.09, 3853877.25	0.08182	0.0251	0.0153	0.0165	3.31E-04	7.49E-04	9.76E-05	5.21E-05	1.23E-03	3.01E-04	0.00E+00	1.30E-06	1.42E-06	3.04E-04	3.83E-04	7.49E-04	9.76E-05	5.21E-05	1.28E-03
3986	494363.09, 3853877.25	0.07807	0.02478	0.01802	0.01639	3.16E-04	7.39E-04	1.15E-04	5.17E-05	1.22E-03	2.87E-04	0.00E+00	1.53E-06	1.41E-06	2.90E-04	3.65E-04	7.39E-04	1.15E-04	5.17E-05	1.27E-03
3987	494863.09, 3853877.25	0.07256	0.02386	0.01988	0.01607	2.93E-04	7.12E-04	1.27E-04	5.07E-05	1.18E-03	2.67E-04	0.00E+00	1.69E-06	1.38E-06	2.70E-04	3.39E-04	7.12E-04	1.27E-04	5.07E-05	1.23E-03
3988	495363.09, 3853877.25	0.06226	0.02148	0.0192	0.01537	2.52E-04	6.41E-04	1.22E-04	4.85E-05	1.06E-03	2.29E-04	0.00E+00	1.63E-06	1.32E-06	2.32E-04	2.91E-04	6.41E-04	1.22E-04	4.85E-05	1.10E-03
3989	495863.09, 3853877.25	0.05437	0.01981	0.01945	0.01488	2.20E-04	5.91E-04	1.24E-04	4.70E-05	9.82E-04	2.00E-04	0.00E+00	1.65E-06	1.28E-06	2.03E-04	2.54E-04	5.91E-04	1.24E-04	4.70E-05	1.02E-03
3990	496363.09, 3853877.25	0.04935	0.0189	0.0204	0.01461	1.99E-04	5.64E-04	1.30E-04	4.61E-05	9.40E-04	1.81E-04	0.00E+00	1.73E-06	1.26E-06	1.84E-04	2.31E-04	5.64E-04	1.30E-04	4.61E-05	9.71E-04
3991	496863.09, 3853877.25	0.04155	0.01705	0.02103	0.01413	1.68E-04	5.09E-04	1.34E-04	4.46E-05	8.55E-04	1.53E-04	0.00E+00	1.79E-06	1.22E-06	1.56E-04	1.94E-04	5.09E-04	1.34E-04	4.46E-05	8.82E-04
3992	497363.09, 3853877.25	0.03539	0.01557	0.02125	0.01375	1.43E-04	4.65E-04	1.36E-04	4.34E-05	7.87E-04	1.30E-04	0.00E+00	1.81E-06	1.18E-06	1.33E-04	1.66E-04	4.65E-04	1.36E-04	4.34E-05	8.09E-04
3993	497863.09, 3853877.25	0.0279	0.01342	0.02137	0.01323	1.13E-04	4.00E-04	1.36E-04	4.18E-05	6.91E-04	1.03E-04	0.00E+00	1.82E-06	1.14E-06	1.06E-04	1.30E-04	4.00E-04	1.36E-04	4.18E-05	7.09E-04
3994	498363.09, 3853877.25	0.02371	0.01214	0.02112	0.01269	9.58E-05	3.62E-04	1.35E-04	4.01E-05	6.33E-04	8.72E-05	0.00E+00	1.80E-06	1.09E-06	9.01E-05	1.11E-04	3.62E-04	1.35E-04	4.01E-05	6.48E-04
3995	471363.09, 3854377.25	0.00791	0.00529	0.00378	0.00351	3.20E-05	1.58E-04	2.41E-05	1.11E-05	2.25E-04	2.91E-05	0.00E+00	3.21E-07	3.02E-07	2.97E-05	3.70E-05	1.58E-04	2.41E-05	1.11E-05	2.30E-04
3996	471863.09, 3854377.25	0.00866	0.00574	0.00407	0.00365	3.50E-05	1.71E-04	2.60E-05	1.15E-05	2.44E-04	3.18E-05	0.00E+00	3.46E-07	3.14E-07	3.25E-05	4.05E-05	1.71E-04	2.60E-05	1.15E-05	2.49E-04
3997	472363.09, 3854377.25	0.00931	0.00605	0.00431	0.00379	3.76E-05	1.80E-04	2.75E-05	1.20E-05	2.58E-04	3.42E-05	0.00E+00	3.67E-07	3.26E-07	3.49E-05	4.35E-05	1.80E-04	2.75E-05	1.20E-05	2.63E-04
3998	472863.09, 3854377.25	0.0099	0.00625	0.00452	0.00393	4.00E-05	1.86E-04	2.88E-05	1.24E-05	2.68E-04	3.64E-05	0.00E+00	3.84E-07	3.38E-07	3.71E-05	4.63E-05	1.86E-04	2.88E-05	1.24E-05	2.74E-04
3999	473363.09, 3854377.25	0.01071	0.00653	0.00474	0.00409	4.33E-05	1.95E-04	3.02E-05	1.29E-05	2.81E-04	3.94E-05	0.00E+00	4.03E-07	3.52E-07	4.01E-05	5.01E-05	1.95E-04	3.02E-05	1.29E-05	2.88E-04
4000	473863.09, 3854377.25	0.01171	0.00687	0.00494	0.00428	4.73E-05	2.05E-04	3.15E-05	1.35E-05	2.97E-04	4.31E-05	0.00E+00	4.20E-07	3.69E-07	4.38E-05	5.48E-05	2.05E-04	3.15E-05	1.35E-05	3.05E-04
4001	474363.09, 3854377.25	0.01275	0.00714	0.00506	0.00447	5.15E-05	2.13E-04	3.23E-05	1.41E-05	3.11E-04	4.69E-05	0.00E+00	4.30E-07	3.85E-07	4.77E-05	5.96E-05	2.13E-04	3.23E-05	1.41E-05	3.19E-04
4002	474863.09, 3854377.25	0.01275	0.00681	0.00492	0.00459	5.15E-05	2.03E-04	3.14E-05	1.45E-05	3.01E-04	4.69E-05	0.00E+00	4.18E-07	3.95E-07	4.77E-05	5.96E-05	2.03E-04	3.14E-05	1.45E-05	3.09E-04
4003	475363.09, 3854377.25	0.0115	0.00612	0.00482	0.00472	4.65E-05	1.83E-04	3.07E-05	1.49E-05	2.75E-04	4.23E-05	0.00E+00	4.10E-07	4.06E-07	4.31E-05	5.38E-05	1.83E-04	3.07E-05	1.49E-05	2.82E-04
4004	475863.09, 3854377.25	0.00814	0.00499	0.00437	0.00466	3.29E-05	1.49E-04	2.79E-05	1.47E-05	2.24E-04	2.99E-05	0.00E+00	3.72E-07	4.01E-07	3.07E-05	3.81E-05	1.49E-04	2.79E-05	1.47E-05	2.30E-04
4005	476363.09, 3854377.25	0.00739	0.00481	0.00438	0.00481	2.99E-05	1.43E-04	2.79E-05	1.52E-05	2.16E-04	2.72E-05	0.00E+00	3.73E-07	4.14E-07	2.80E-05	3.46E-05	1.43E-04	2.79E-05	1.52E-05	2.21E-04
4006	476863.09, 3854377.25	0.00721	0.00482	0.00438	0.00498	2.91E-05	1.44E-04	2.79E-05	1.57E-05	2.17E-04	2.65E-05	0.00E+00	3.73E-07	4.29E-07	2.73E-05	3.37E-05	1.44E-04	2.79E-05	1.57E-05	2.21E-04
4007	477363.09, 3854377.25	0.00723	0.00489	0.00438	0.00515	2.92E-05	1.46E-04	2.79E-05	1.63E-05	2.19E-04	2.66E-05	0.00E+00	3.73E-07	4.43E-07	2.74E-05	3.38E-05	1.46E-04	2.79E-05	1.63E-05	2.24E-04
4008	477863.09, 3854377.25	0.00747	0.00501	0.00432	0.00535	3.02E-05	1.49E-04	2.76E-05	1.69E-05	2.24E-04	2.75E-05	0.00E+00	3.67E-07	4.61E-07	2.83E-05	3.49E-05	1.49E-04	2.76E-05	1.69E-05	2.29E-04

4009	478363.09, 3854377.25	0.00887	0.00553	0.00429	0.0056	3.59E-05	1.65E-04	2.74E-05	1.77E-05	2.46E-04	3.26E-05	0.00E+00	3.65E-07	4.82E-07	3.35E-05	4.15E-05	1.65E-04	2.74E-05	1.77E-05	2.52E-04
4010	478863.09, 3854377.25	0.00984	0.00594	0.00424	0.00586	3.98E-05	1.77E-04	2.70E-05	1.85E-05	2.63E-04	3.62E-05	0.00E+00	3.61E-07	5.05E-07	3.70E-05	4.60E-05	1.77E-04	2.70E-05	1.85E-05	2.69E-04
4011	479363.09, 3854377.25	0.01541	0.00785	0.00456	0.00627	6.23E-05	2.34E-04	2.91E-05	1.98E-05	3.45E-04	5.67E-05	0.00E+00	3.88E-07	5.40E-07	5.76E-05	7.21E-05	2.34E-04	2.91E-05	1.98E-05	3.55E-04
4012	479863.09, 3854377.25	0.02051	0.00944	0.00451	0.00669	8.29E-05	2.82E-04	2.88E-05	2.11E-05	4.14E-04	7.54E-05	0.00E+00	3.84E-07	5.76E-07	7.64E-05	9.59E-05	2.82E-04	2.88E-05	2.11E-05	4.27E-04
4013	480363.09, 3854377.25	0.0287	0.01198	0.00429	0.00725	1.16E-04	3.57E-04	2.74E-05	2.29E-05	5.24E-04	1.06E-04	0.00E+00	3.65E-07	6.24E-07	1.07E-04	1.34E-04	3.57E-04	2.74E-05	2.29E-05	5.42E-04
4014	480863.09, 3854377.25	0.04255	0.01649	0.00387	0.00797	1.72E-04	4.92E-04	2.47E-05	2.52E-05	7.14E-04	1.56E-04	0.00E+00	3.29E-07	6.86E-07	1.57E-04	1.99E-04	4.92E-04	2.47E-05	2.52E-05	7.41E-04
4015	481363.09, 3854377.25	0.05423	0.02271	0.00358	0.00896	2.19E-04	6.78E-04	2.28E-05	2.83E-05	9.48E-04	1.99E-04	0.00E+00	3.04E-07	7.72E-07	2.00E-04	2.54E-04	6.78E-04	2.28E-05	2.83E-05	9.82E-04
4016	481863.09, 3854377.25	0.06172	0.04823	0.00378	0.01069	2.49E-04	1.44E-03	2.41E-05	3.38E-05	1.75E-03	2.27E-04	0.00E+00	3.21E-07	9.21E-07	2.28E-04	2.89E-04	1.44E-03	2.41E-05	3.38E-05	1.79E-03
4017	482363.09, 3854377.25	0.07127	0.0554	0.00389	0.0135	2.88E-04	1.65E-03	2.48E-05	4.26E-05	2.01E-03	2.62E-04	0.00E+00	3.31E-07	1.16E-06	2.64E-04	3.33E-04	1.65E-03	2.48E-05	4.26E-05	2.05E-03
4018	482863.09, 3854377.25	0.08893	0.04465	0.00393	0.0177	3.59E-04	1.33E-03	2.51E-05	5.59E-05	1.77E-03	3.27E-04	0.00E+00	3.34E-07	1.52E-06	3.29E-04	4.16E-04	1.33E-03	2.51E-05	5.59E-05	1.83E-03
4019	483363.09, 3854377.25	0.10797	0.03413	0.00405	0.01823	4.36E-04	1.02E-03	2.58E-05	5.76E-05	1.54E-03	3.97E-04	0.00E+00	3.44E-07	1.57E-06	3.99E-04	5.05E-04	1.02E-03	2.58E-05	5.76E-05	1.61E-03
4020	483863.09, 3854377.25	0.12982	0.02564	0.00413	0.02504	5.25E-04	7.65E-04	2.63E-05	7.91E-05	1.40E-03	4.77E-04	0.00E+00	3.51E-07	2.16E-06	4.80E-04	6.07E-04	7.65E-04	2.63E-05	7.91E-05	1.48E-03
4021	484363.09, 3854377.25	0.09171	0.02199	0.00436	0.02641	3.71E-04	6.56E-04	2.78E-05	8.34E-05	1.14E-03	3.37E-04	0.00E+00	3.71E-07	2.27E-06	3.40E-04	4.29E-04	6.56E-04	2.78E-05	8.34E-05	1.20E-03
4022	484863.09, 3854377.25	0.04834	0.01979	0.0064	0.02307	1.95E-04	5.90E-04	4.08E-05	7.28E-05	8.99E-04	1.78E-04	0.00E+00	5.44E-07	1.99E-06	1.80E-04	2.26E-04	5.90E-04	4.08E-05	7.28E-05	9.30E-04
4023	485363.09, 3854377.25	0.05768	0.02435	0.0063	0.02171	2.33E-04	7.26E-04	4.02E-05	6.85E-05	1.07E-03	2.12E-04	0.00E+00	5.36E-07	1.87E-06	2.14E-04	2.70E-04	7.26E-04	4.02E-05	6.85E-05	1.10E-03
4024	485863.09, 3854377.25	0.0505	0.0227	0.00803	0.02154	2.04E-04	6.77E-04	5.12E-05	6.80E-05	1.00E-03	1.86E-04	0.00E+00	6.83E-07	1.85E-06	1.88E-04	2.36E-04	6.77E-04	5.12E-05	6.80E-05	1.03E-03
4025	486363.09, 3854377.25	0.06972	0.02482	0.00753	0.02123	2.82E-04	7.40E-04	4.80E-05	6.70E-05	1.14E-03	2.56E-04	0.00E+00	6.40E-07	1.83E-06	2.59E-04	3.26E-04	7.40E-04	4.80E-05	6.70E-05	1.18E-03
4026	486863.09, 3854377.25	0.08001	0.02489	0.00967	0.02197	3.23E-04	7.43E-04	6.17E-05	6.94E-05	1.20E-03	2.94E-04	0.00E+00	8.22E-07	1.89E-06	2.97E-04	3.74E-04	7.43E-04	6.17E-05	6.94E-05	1.25E-03
4027	487363.09, 3854377.25	0.09765	0.02672	0.01186	0.02235	3.95E-04	7.97E-04	7.56E-05	7.06E-05	1.34E-03	3.59E-04	0.00E+00	1.01E-06	1.92E-06	3.62E-04	4.57E-04	7.97E-04	7.56E-05	7.06E-05	1.40E-03
4028	487863.09, 3854377.25	0.1187	0.02925	0.00679	0.0224	4.80E-04	8.73E-04	4.33E-05	7.07E-05	1.47E-03	4.36E-04	0.00E+00	5.77E-07	1.93E-06	4.39E-04	5.55E-04	8.73E-04	4.33E-05	7.07E-05	1.54E-03
4029	488363.09, 3854377.25	0.13214	0.03092	0.0067	0.02245	5.34E-04	9.22E-04	4.27E-05	7.09E-05	1.57E-03	4.86E-04	0.00E+00	5.70E-07	1.93E-06	4.88E-04	6.18E-04	9.22E-04	4.27E-05	7.09E-05	1.65E-03
4030	488863.09, 3854377.25	0.1411	0.03218	0.00786	0.0221	5.70E-04	9.60E-04	5.01E-05	6.98E-05	1.65E-03	5.19E-04	0.00E+00	6.68E-07	1.90E-06	5.21E-04	6.60E-04	9.60E-04	5.01E-05	6.98E-05	1.74E-03
4031	489363.09, 3854377.25	0.14415	0.033	0.01062	0.0215	5.83E-04	9.84E-04	6.77E-05	6.79E-05	1.70E-03	5.30E-04	0.00E+00	9.03E-07	1.85E-06	5.33E-04	6.74E-04	9.84E-04	6.77E-05	6.79E-05	1.79E-03
4032	489863.09, 3854377.25	0.14294	0.03343	0.0132	0.021	5.78E-04	9.97E-04	8.42E-05	6.63E-05	1.73E-03	5.26E-04	0.00E+00	1.12E-06	1.81E-06	5.28E-04	6.68E-04	9.97E-04	8.42E-05	6.63E-05	1.82E-03
4033	490363.09, 3854377.25	0.13879	0.03308	0.01017	0.02057	5.61E-04	9.87E-04	6.49E-05	6.49E-05	1.68E-03	5.10E-04	0.00E+00	8.65E-07	1.77E-06	5.13E-04	6.49E-04	9.87E-04	6.49E-05	6.49E-05	1.77E-03
4034	490863.09, 3854377.25	0.1151	0.02864	0.00947	0.01967	4.65E-04	8.54E-04	6.04E-05	6.21E-05	1.44E-03	4.23E-04	0.00E+00	8.05E-07	1.69E-06	4.26E-04	5.38E-04	8.54E-04	6.04E-05	6.21E-05	1.52E-03
4035	491363.09, 3854377.25	0.12474	0.03121	0.01547	0.01965	5.04E-04	9.31E-04	9.87E-05	6.20E-05	1.60E-03	4.59E-04	0.00E+00	1.32E-06	1.69E-06	4.62E-04	5.83E-04	9.31E-04	9.87E-05	6.20E-05	1.68E-03
4036	491863.09, 3854377.25	0.12928	0.03342	0.01973	0.01949	5.23E-04	9.97E-04	1.26E-04	6.15E-05	1.71E-03	4.75E-04	0.00E+00	1.68E-06	1.68E-06	4.79E-04	6.05E-04	9.97E-04	1.26E-04	6.15E-05	1.79E-03
4037	492363.09, 3854377.25	0.12757	0.0345	0.01995	0.01928	5.16E-04	1.03E-03	1.27E-04	6.09E-05	1.73E-03	4.69E-04	0.00E+00	1.70E-06	1.66E-06	4.72E-04	5.97E-04	1.03E-03	1.27E-04	6.09E-05	1.81E-03
4038	492863.09, 3854377.25	0.12135	0.03422	0.01809	0.01913	4.91E-04	1.02E-03	1.15E-04	6.04E-05	1.69E-03	4.46E-04	0.00E+00	1.54E-06	1.65E-06	4.49E-04	5.68E-04	1.02E-03	1.15E-04	6.04E-05	1.76E-03
4039	493363.09, 3854377.25	0.11296	0.03312	0.02032	0.01891	4.57E-04	9.88E-04	1.30E-04	5.97E-05	1.63E-03	4.15E-04	0.00E+00	1.73E-06	1.63E-06	4.19E-04	5.28E-04	9.88E-04	1.30E-04	5.97E-05	1.71E-03
4040	493863.09, 3854377.25	0.10448	0.03183	0.02469	0.01861	4.22E-04	9.50E-04	1.57E-04	5.88E-05	1.59E-03	3.84E-04	0.00E+00	2.10E-06	1.60E-06	3.88E-04	4.89E-04	9.50E-04	1.57E-04	5.88E-05	1.65E-03
4041	494363.09, 3854377.25	0.09659	0.03063	0.02642	0.01821	3.90E-04	9.14E-04	1.69E-04	5.75E-05	1.53E-03	3.55E-04	0.00E+00	2.25E-06	1.57E-06	3.59E-04	4.52E-04	9.14E-04	1.69E-04	5.75E-05	1.59E-03
4042	494863.09, 3854377.25	0.07817	0.02612	0.02448	0.01699	3.16E-04	7.79E-04	1.56E-04	5.36E-05	1.31E-03	2.87E-04	0.00E+00	2.08E-06	1.46E-06	2.91E-04	3.66E-04	7.79E-04	1.56E-04	5.36E-05	1.35E-03
4043	495363.09, 3854377.25	0.06115	0.02218	0.02339	0.016	2.47E-04	6.62E-04	1.49E-04	5.05E-05	1.11E-03	2.25E-04	0.00E+00	1.99E-06	1.38E-06	2.28E-04	2.86E-04	6.62E-04	1.49E-04	5.05E-05	1.15E-03
4044	495863.09, 3854377.25	0.05086	0.01989	0.02414	0.01539	2.06E-04	5.93E-04	1.54E-04	4.86E-05	1.00E-03	1.87E-04	0.00E+00	2.05E-06	1.33E-06	1.90E-04	2.38E-04	5.93E-04	1.54E-04	4.86E-05	1.03E-03
4045	496363.09, 3854377.25	0.04569	0.01894	0.02507	0.01504	1.85E-04	5.65E-04	1.60E-04	4.75E-05	9.57E-04	1.68E-04	0.00E+00	2.13E-06	1.30E-06	1.71E-04	2.14E-04	5.65E-04	1.60E-04	4.75E-05	9.86E-04
4046	496863.09, 3854377.25	0.03952	0.01752	0.0252	0.01465	1.60E-04	5.23E-04	1.61E-04	4.63E-05	8.89E-04	1.45E-04	0.00E+00	2.14E-06	1.26E-06	1.49E-04	1.85E-04	5.23E-04	1.61E-04	4.63E-05	9.14E-04
4047	497363.09, 3854377.25	0.03102	0.01507	0.0251	0.01405	1.25E-04	4.50E-04	1.60E-04	4.44E-05	7.79E-04	1.14E-04	0.00E+00	2.13E-06	1.21E-06	1.17E-04	1.45E-04	4.50E-04	1.60E-04	4.44E-05	7.99E-04
4048	497863.09, 3854377.25	0.03136	0.01557	0.02561	0.01405	1.27E-04	4.65E-04	1.63E-04	4.44E-05	7.99E-04	1.15E-04	0.00E+00	2.18E-06	1.21E-06	1.19E-04	1.47E-04	4.65E-04	1.63E-04	4.44E-05	8.19E-04
4049	498363.09, 3854377.25	0.02685	0.01417	0.02518	0.01354	1.09E-04	4.23E-04	1.61E-04	4.28E-05	7.35E-04	9.87E-05	0.00E+00	2.14E-06	1.17E-06	1.02E-04	1.26E-04	4.23E-04	1.61E-04	4.28E-05	7.52E-04
4050	471363.09, 3854877.25	0.00831	0.00544	0.00353	0.00351	3.36E-05	1.62E-04	2.25E-05	1.11E-05	2.29E-04	3.06E-05	0.00E+00	3.00E-07	3.02E-07	3.12E-05	3.89E-05	1.62E-04	2.25E-05	1.11E-05	2.35E-04
4051	471863.09, 3854877.25	0.00893	0.00581	0.00373	0.00365	3.61E-05	1.73E-04	2.38E-05	1.15E-05	2.45E-04	3.28E-05	0.00E+00	3.17E-07	3.14E-07	3.35E-05	4.18E-05	1.73E-04	2.38E-05	1.15E-05	2.50E-04
4052	472363.09, 3854877.25	0.00949	0.00613	0.00393	0.00379	3.84E-05	1.83E-04	2.51E-05	1.20E-05	2.58E-04	3.49E-05	0.00E+00	3.34E-07	3.26E-07	3.56E-05	4.44E-05	1.83E-04	2.51E-05	1.20E-05	2.64E-04
4053	472863.09, 3854877.25	0.00982	0.00626	0.0041	0.00391	3.97E-05	1.87E-04	2.62E-05	1.23E-05	2.65E-04	3.61E-05	0.00E+00	3.49E-07	3.37E-07	3.68E-05	4.59E-05	1.87E-04	2.62E-05	1.23E-05	2.71E-04
4054	473363.09, 3854877.25	0.01069	0.00678	0.00441	0.00409	4.32E-05	2.02E-04	2.81E-05	1.29E-05	2.87E-04	3.93E-05	0.00E+00	3.75E-07	3.52E-07	4.00E-05	5.00E-05	2.02E-04	2.81E-05	1.29E-05	2.93E-04
4055	473863.09, 3854877.25	0.01156	0.00725	0.00473	0.00428	4.67E-05	2.16E-04	3.02E-05	1.35E-05	3.07E-04	4.25E-05	0.00E+00	4.02E-07	3.69E-07	4.33E-05	5.41E-05	2.16E-04	3.02E-05	1.35E-05	3.14E-04
4056	474363.09, 3854877.25	0.01272	0.0079	0.00511	0.00451	5.14E-05	2.36E-04	3.26E-05	1.42E-05	3.34E-04	4.68E-05	0.00E+00	4.35E-07	3.88E-07	4.76E-05	5.95E-05	2.36E-04	3.26E-05	1.42E-05	3.42E-04
4057	474863.09, 3854877.25	0.01146	0.00673	0.00531	0.0046	4.63E-05	2.01E-04	3.39E-05	1.45E-05	2.95E-04	4.21E-05	0.00E+00	4.52E-07	3.96E-07	4.30E-05	5.36E-05	2.01E-04	3.39E-05	1.45E-05	3.03E-04
4058	475363.09, 3854877.25	0.00934	0.00573	0.00489	0.00457	3.78E-05	1.71E-04	3.12E-05	1.44E-05	2.54E-04	3.43E-05	0.00E+00	4.16E-07	3.94E-07	3.51E-05	4.37E-05	1.71E-04	3.12E-05	1.44E-05	2.60E-04
4059	475863.09, 3854877.25	0.00719	0.00494	0.00458	0.00468	2.91E-05	1.47E-04	2.92E-05	1.48E-05	2.20E-04	2.64E-05	0.00E+00	3.90E-07	4.03E-07	2.72E-05	3.36E-05	1.47E-04	2.92E-05	1.48E-05	2.25E-04
4060	476363.09, 3854877.25	0.00481	0.00396	0.00455	0.00481	1.94E-05	1.18E-04	2.90E-05	1.52E-05	1.82E-04	1.77E-05	0.00E+00	3.87E-07	4.14E-07	1.85E-05	2.25E-05	1.18E-04	2.90E-05	1.52E-05	1.85E-04
4061	476863.09, 3854877.25	0.00485	0.00401	0.00467	0.00501	1.96E-05	1.20E-04	2.98E-05	1.58E-05	1.85E-04	1.78E-05	0.00E+00	3.97E-07	4.31E-07	1.87E-05	2.27E-05	1.20E-04	2.98E-05	1.58E-05	1.88E-04
4062	477363.09, 3854877.25	0.00593	0.00459	0.0048	0.00533	2.40E-05	1.37E-04	3.06E-05	1.68E-05	2.08E-04	2.18E-05	0.00E+00	4.08E-07	4.59E-07	2.27E-05	2.77E-05	1.37E-04	3.06E-05	1.68E-05	2.12E-04
4063	477863.09, 3854877.25	0.007	0.00515	0.0049	0.00564	2.83E-05	1.54E-04	3.13E-05	1.78E-05	2.31E-04	2.57E-05	0.00E+00	4.17E-07	4.86E-07	2.66E-05	3.27E-05	1.54E-04	3.13E-05	1.78E-05	2.35E-04
4064	478363.09, 3854877.25	0.00947	0.00626	0.00505	0.00602	3.83E-05	1.87E-04	3.22E-05	1.90E-05	2.76E-04	3.48E-05	0.00E+00	4.29E-07	5.18E-07	3.58E-05	4.43E-05	1.87E-04	3.22E-05	1.90E-05	2.82E-04
4065	478863.09, 3854877.25	0.0135	0.00782	0.00533	0.00647	5.46E-05	2.33E-04	3.40E-05	2.04E-05	3.42E-04	4.96E-05	0.00E+00	4.53E-07	5.57E-07	5.06E-05	6.31E-05	2.33E-04	3.40E-05	2.04E-05	3.51E-04
4066	479363.09, 3854877.25	0.02	0.00988	0.00581	0.00703	8.08E-05	2.95E-04	3.71E-05	2.22E-05	4.35E-04	7.35E-05	0.00E+00	4.94E-07	6.05E-07	7.46E-05	9.35E-05	2.95E-04	3.71E-05	2.22E-05	4.48E-04
4067	479863.09, 3854877.25	0.02916	0.01261	0.00636	0.00781	1.18E-04	3.76E-04	4.06E-05	2.47E-05	5.59E-04	1.07E-04	0.00E+00	5.41E-07	6.73E-07	1.08E-04	1.36E-04	3.76E-04	4.06E-05	2.47E-05	5.78E-04

4068	480363.09, 3854877.25	0.03881	0.01583	0.00642	0.00868	1.57E-04	4.72E-04	4.10E-05	2.74E-05	6.97E-04	1.43E-04	0.00E+00	5.46E-07	7.47E-07	1.44E-04	1.81E-04	4.72E-04	4.10E-05	2.74E-05	7.22E-04
4069	480863.09, 3854877.25	0.05376	0.02229	0.00597	0.0095	2.17E-04	6.65E-04	3.81E-05	3.00E-05	9.50E-04	1.98E-04	0.00E+00	5.08E-07	8.18E-07	1.99E-04	2.51E-04	6.65E-04	3.81E-05	3.00E-05	9.84E-04
4070	481363.09, 3854877.25	0.06539	0.02847	0.00521	0.01055	2.64E-04	8.49E-04	3.32E-05	3.33E-05	1.18E-03	2.40E-04	0.00E+00	4.43E-07	9.08E-07	2.42E-04	3.06E-04	8.49E-04	3.32E-05	3.33E-05	1.22E-03
4071	481863.09, 3854877.25	0.07261	0.03023	0.00449	0.01314	2.94E-04	9.02E-04	2.86E-05	4.15E-05	1.27E-03	2.67E-04	0.00E+00	3.82E-07	1.13E-06	2.68E-04	3.40E-04	9.02E-04	2.86E-05	4.15E-05	1.31E-03
4072	482363.09, 3854877.25	0.09174	0.09813	0.00441	0.02186	3.71E-04	2.93E-03	2.81E-05	6.90E-05	3.40E-03	3.37E-04	0.00E+00	3.75E-07	1.88E-06	3.40E-04	4.29E-04	2.93E-03	2.81E-05	6.90E-05	3.45E-03
4073	482863.09, 3854877.25	0.1176	0.13328	0.00429	0.06212	4.75E-04	3.98E-03	2.74E-05	1.96E-04	4.68E-03	4.32E-04	0.00E+00	3.65E-07	5.35E-06	4.38E-04	5.50E-04	3.98E-03	2.74E-05	1.96E-04	4.75E-03
4074	483363.09, 3854877.25	0.15767	0.11906	0.0044	0.18817	6.37E-04	3.55E-03	2.81E-05	5.94E-04	4.81E-03	5.80E-04	0.00E+00	3.74E-07	1.62E-05	5.96E-04	7.37E-04	3.55E-03	2.81E-05	5.94E-04	4.91E-03
4075	483863.09, 3854877.25	0.23672	0.09569	0.00453	0.09086	9.57E-04	2.85E-03	2.89E-05	2.87E-04	4.13E-03	8.70E-04	0.00E+00	3.85E-07	7.82E-06	8.79E-04	1.11E-03	2.85E-03	2.89E-05	2.87E-04	4.28E-03
4076	484363.09, 3854877.25	0.28804	0.0701	0.0047	0.0463	1.16E-03	2.09E-03	3.00E-05	1.46E-04	3.43E-03	1.06E-03	0.00E+00	4.00E-07	3.99E-06	1.06E-03	1.35E-03	2.09E-03	3.00E-05	1.46E-04	3.61E-03
4077	484863.09, 3854877.25	0.24023	0.06079	0.00498	0.03284	9.71E-04	1.81E-03	3.18E-05	1.04E-04	2.92E-03	8.83E-04	0.00E+00	4.24E-07	2.83E-06	8.86E-04	1.12E-03	1.81E-03	3.18E-05	1.04E-04	3.07E-03
4078	485363.09, 3854877.25	0.28596	0.05502	0.00717	0.03122	1.16E-03	1.64E-03	4.57E-05	9.86E-05	2.94E-03	1.05E-03	0.00E+00	6.10E-07	2.69E-06	1.05E-03	1.34E-03	1.64E-03	4.57E-05	9.86E-05	3.12E-03
4079	485863.09, 3854877.25	0.29164	0.05014	0.00714	0.03076	1.18E-03	1.50E-03	4.55E-05	9.71E-05	2.82E-03	1.07E-03	0.00E+00	6.07E-07	2.65E-06	1.08E-03	1.36E-03	1.50E-03	4.55E-05	9.71E-05	3.00E-03
4080	486363.09, 3854877.25	0.27179	0.04662	0.01051	0.03173	1.10E-03	1.39E-03	6.70E-05	1.00E-04	2.66E-03	9.99E-04	0.00E+00	8.94E-07	2.73E-06	1.00E-03	1.27E-03	1.39E-03	6.70E-05	1.00E-04	2.83E-03
4081	486863.09, 3854877.25	0.25482	0.04476	0.00948	0.0314	1.03E-03	1.34E-03	6.05E-05	9.91E-05	2.52E-03	9.37E-04	0.00E+00	8.06E-07	2.70E-06	9.40E-04	1.19E-03	1.34E-03	6.05E-05	9.91E-05	2.69E-03
4082	487363.09, 3854877.25	0.26504	0.04647	0.01444	0.03045	1.07E-03	1.39E-03	9.21E-05	9.61E-05	2.65E-03	9.74E-04	0.00E+00	1.23E-06	2.62E-06	9.78E-04	1.24E-03	1.39E-03	9.21E-05	9.61E-05	2.81E-03
4083	487863.09, 3854877.25	0.2695	0.04788	0.00842	0.02885	1.09E-03	1.43E-03	5.37E-05	9.11E-05	2.66E-03	9.91E-04	0.00E+00	7.16E-07	2.48E-06	9.94E-04	1.26E-03	1.43E-03	5.37E-05	9.11E-05	2.83E-03
4084	488363.09, 3854877.25	0.27013	0.04924	0.00787	0.02761	1.09E-03	1.47E-03	5.02E-05	8.72E-05	2.70E-03	9.93E-04	0.00E+00	6.69E-07	2.38E-06	9.96E-04	1.26E-03	1.47E-03	5.02E-05	8.72E-05	2.87E-03
4085	488863.09, 3854877.25	0.26816	0.05082	0.00946	0.02674	1.08E-03	1.52E-03	6.03E-05	8.44E-05	2.74E-03	9.86E-04	0.00E+00	8.05E-07	2.30E-06	9.89E-04	1.25E-03	1.52E-03	6.03E-05	8.44E-05	2.91E-03
4086	489363.09, 3854877.25	0.25475	0.05101	0.01275	0.02581	1.03E-03	1.52E-03	8.13E-05	8.15E-05	2.71E-03	9.37E-04	0.00E+00	1.08E-06	2.22E-06	9.40E-04	1.19E-03	1.52E-03	8.13E-05	8.15E-05	2.88E-03
4087	489863.09, 3854877.25	0.23114	0.04817	0.01494	0.02473	9.34E-04	1.44E-03	9.53E-05	7.81E-05	2.54E-03	8.50E-04	0.00E+00	1.27E-06	2.13E-06	8.53E-04	1.08E-03	1.44E-03	9.53E-05	7.81E-05	2.69E-03
4088	490363.09, 3854877.25	0.17321	0.03827	0.01026	0.02304	7.00E-04	1.14E-03	6.54E-05	7.27E-05	1.98E-03	6.37E-04	0.00E+00	8.73E-07	1.98E-06	6.40E-04	8.10E-04	1.14E-03	6.54E-05	7.27E-05	2.09E-03
4089	490863.09, 3854877.25	0.12143	0.03015	0.01366	0.02048	4.91E-04	8.99E-04	8.71E-05	6.47E-05	1.54E-03	4.46E-04	0.00E+00	1.16E-06	1.76E-06	4.49E-04	5.68E-04	8.99E-04	8.71E-05	6.47E-05	1.62E-03
4090	491363.09, 3854877.25	0.12845	0.03208	0.01908	0.02046	5.19E-04	9.57E-04	1.22E-04	6.46E-05	1.66E-03	4.72E-04	0.00E+00	1.62E-06	1.76E-06	4.76E-04	6.01E-04	9.57E-04	1.22E-04	6.46E-05	1.74E-03
4091	491863.09, 3854877.25	0.17682	0.04488	0.02321	0.0221	7.15E-04	1.34E-03	1.48E-04	6.98E-05	2.27E-03	6.50E-04	0.00E+00	1.97E-06	1.90E-06	6.54E-04	8.27E-04	1.34E-03	1.48E-04	6.98E-05	2.38E-03
4092	492363.09, 3854877.25	0.16856	0.04582	0.02209	0.02184	6.81E-04	1.37E-03	1.41E-04	6.90E-05	2.26E-03	6.20E-04	0.00E+00	1.88E-06	1.88E-06	6.23E-04	7.88E-04	1.37E-03	1.41E-04	6.90E-05	2.37E-03
4093	492863.09, 3854877.25	0.15461	0.04411	0.02818	0.02159	6.25E-04	1.32E-03	1.80E-04	6.82E-05	2.19E-03	5.68E-04	0.00E+00	2.40E-06	1.86E-06	5.73E-04	7.23E-04	1.32E-03	1.80E-04	6.82E-05	2.29E-03
4094	493363.09, 3854877.25	0.13968	0.04145	0.03327	0.02115	5.65E-04	1.24E-03	2.12E-04	6.68E-05	2.08E-03	5.14E-04	0.00E+00	2.83E-06	1.82E-06	5.18E-04	6.53E-04	1.24E-03	2.12E-04	6.68E-05	2.17E-03
4095	493863.09, 3854877.25	0.12725	0.03947	0.03442	0.02055	5.14E-04	1.18E-03	2.20E-04	6.49E-05	1.98E-03	4.68E-04	0.00E+00	2.93E-06	1.77E-06	4.73E-04	5.95E-04	1.18E-03	2.20E-04	6.49E-05	2.06E-03
4096	494363.09, 3854877.25	0.09736	0.03166	0.03298	0.01874	3.94E-04	9.45E-04	2.10E-04	5.92E-05	1.61E-03	3.58E-04	0.00E+00	2.80E-06	1.61E-06	3.62E-04	4.55E-04	9.45E-04	2.10E-04	5.92E-05	1.67E-03
4097	494863.09, 3854877.25	0.06977	0.02526	0.02924	0.01701	2.82E-04	7.54E-04	1.87E-04	5.37E-05	1.28E-03	2.57E-04	0.00E+00	2.49E-06	1.46E-06	2.60E-04	3.26E-04	7.54E-04	1.87E-04	5.37E-05	1.32E-03
4098	495363.09, 3854877.25	0.05451	0.02179	0.02923	0.01616	2.20E-04	6.50E-04	1.86E-04	5.10E-05	1.11E-03	2.00E-04	0.00E+00	2.49E-06	1.39E-06	2.04E-04	2.55E-04	6.50E-04	1.86E-04	5.10E-05	1.14E-03
4099	495863.09, 3854877.25	0.04621	0.01994	0.02928	0.01567	1.87E-04	5.95E-04	1.87E-04	4.95E-05	1.02E-03	1.70E-04	0.00E+00	2.49E-06	1.35E-06	1.74E-04	2.16E-04	5.95E-04	1.87E-04	4.95E-05	1.05E-03
4100	496363.09, 3854877.25	0.03665	0.01734	0.02916	0.01503	1.48E-04	5.17E-04	1.86E-04	4.75E-05	8.99E-04	1.35E-04	0.00E+00	2.48E-06	1.29E-06	1.39E-04	1.71E-04	5.17E-04	1.86E-04	4.75E-05	9.22E-04
4101	496863.09, 3854877.25	0.03111	0.01573	0.02846	0.01449	1.26E-04	4.69E-04	1.82E-04	4.58E-05	8.22E-04	1.14E-04	0.00E+00	2.42E-06	1.25E-06	1.18E-04	1.45E-04	4.69E-04	1.82E-04	4.58E-05	8.42E-04
4102	497363.09, 3854877.25	0.02898	0.01531	0.02816	0.01423	1.17E-04	4.57E-04	1.80E-04	4.49E-05	7.98E-04	1.07E-04	0.00E+00	2.39E-06	1.23E-06	1.10E-04	1.36E-04	4.57E-04	1.80E-04	4.49E-05	8.17E-04
4103	497863.09, 3854877.25	0.03087	0.01646	0.02932	0.01439	1.25E-04	4.91E-04	1.87E-04	4.54E-05	8.48E-04	1.13E-04	0.00E+00	2.49E-06	1.24E-06	1.17E-04	1.44E-04	4.91E-04	1.87E-04	4.54E-05	8.68E-04
4104	498363.09, 3854877.25	0.0295	0.01624	0.0293	0.01419	1.19E-04	4.84E-04	1.87E-04	4.48E-05	8.35E-04	1.08E-04	0.00E+00	2.49E-06	1.22E-06	1.12E-04	1.38E-04	4.84E-04	1.87E-04	4.48E-05	8.54E-04
4105	471363.09, 3855377.25	0.00855	0.00571	0.00355	0.00351	3.46E-05	1.70E-04	2.26E-05	1.11E-05	2.39E-04	3.14E-05	0.00E+00	3.02E-07	3.02E-07	3.20E-05	4.00E-05	1.70E-04	2.26E-05	1.11E-05	2.44E-04
4106	471863.09, 3855377.25	0.00898	0.00592	0.00367	0.00363	3.63E-05	1.77E-04	2.34E-05	1.15E-05	2.48E-04	3.30E-05	0.00E+00	3.12E-07	3.13E-07	3.36E-05	4.20E-05	1.77E-04	2.34E-05	1.15E-05	2.53E-04
4107	472363.09, 3855377.25	0.00969	0.00635	0.00388	0.00378	3.92E-05	1.89E-04	2.47E-05	1.19E-05	2.65E-04	3.56E-05	0.00E+00	3.30E-07	3.25E-07	3.63E-05	4.53E-05	1.89E-04	2.47E-05	1.19E-05	2.71E-04
4108	472863.09, 3855377.25	0.01017	0.00655	0.004	0.00392	4.11E-05	1.95E-04	2.55E-05	1.24E-05	2.74E-04	3.74E-05	0.00E+00	3.40E-07	3.38E-07	3.81E-05	4.76E-05	1.95E-04	2.55E-05	1.24E-05	2.81E-04
4109	473363.09, 3855377.25	0.01116	0.00718	0.00424	0.00411	4.51E-05	2.14E-04	2.70E-05	1.30E-05	2.99E-04	4.10E-05	0.00E+00	3.61E-07	3.54E-07	4.17E-05	5.22E-05	2.14E-04	2.70E-05	1.30E-05	3.06E-04
4110	473863.09, 3855377.25	0.01207	0.0077	0.00445	0.0043	4.88E-05	2.30E-04	2.84E-05	1.36E-05	3.20E-04	4.44E-05	0.00E+00	3.78E-07	3.70E-07	4.51E-05	5.64E-05	2.30E-04	2.84E-05	1.36E-05	3.28E-04
4111	474363.09, 3855377.25	0.01299	0.00815	0.00521	0.00468	5.25E-05	2.43E-04	3.32E-05	1.48E-05	3.44E-04	4.78E-05	0.00E+00	4.43E-07	4.03E-07	4.86E-05	6.07E-05	2.43E-04	3.32E-05	1.48E-05	3.52E-04
4112	474863.09, 3855377.25	0.01179	0.00707	0.00492	0.00461	4.77E-05	2.11E-04	3.14E-05	1.46E-05	3.05E-04	4.33E-05	0.00E+00	4.18E-07	3.97E-07	4.42E-05	5.51E-05	2.11E-04	3.14E-05	1.46E-05	3.12E-04
4113	475363.09, 3855377.25	0.00607	0.00461	0.00418	0.00441	2.45E-05	1.38E-04	2.67E-05	1.39E-05	2.03E-04	2.23E-05	0.00E+00	3.55E-07	3.80E-07	2.31E-05	2.84E-05	1.38E-04	2.67E-05	1.39E-05	2.07E-04
4114	475863.09, 3855377.25	0.00464	0.00403	0.00423	0.00454	1.88E-05	1.20E-04	2.70E-05	1.43E-05	1.80E-04	1.71E-05	0.00E+00	3.60E-07	3.91E-07	1.78E-05	2.17E-05	1.20E-04	2.70E-05	1.43E-05	1.83E-04
4115	476363.09, 3855377.25	0.00552	0.00453	0.00448	0.00478	2.23E-05	1.35E-04	2.86E-05	1.51E-05	2.01E-04	2.03E-05	0.00E+00	3.81E-07	4.12E-07	2.11E-05	2.58E-05	1.35E-04	2.86E-05	1.51E-05	2.05E-04
4116	476863.09, 3855377.25	0.00551	0.00458	0.00472	0.00501	2.23E-05	1.37E-04	3.01E-05	1.58E-05	2.05E-04	2.03E-05	0.00E+00	4.01E-07	4.31E-07	2.11E-05	2.58E-05	1.37E-04	3.01E-05	1.58E-05	2.08E-04
4117	477363.09, 3855377.25	0.00621	0.00498	0.00496	0.0053	2.51E-05	1.49E-04	3.16E-05	1.67E-05	2.22E-04	2.28E-05	0.00E+00	4.22E-07	4.56E-07	2.37E-05	2.90E-05	1.49E-04	3.16E-05	1.67E-05	2.26E-04
4118	477863.09, 3855377.25	0.00816	0.00589	0.00533	0.00568	3.30E-05	1.76E-04	3.40E-05	1.79E-05	2.61E-04	3.00E-05	0.00E+00	4.53E-07	4.89E-07	3.09E-05	3.82E-05	1.76E-04	3.40E-05	1.79E-05	2.66E-04
4119	478363.09, 3855377.25	0.01073	0.00703	0.0056	0.0061	4.34E-05	2.10E-04	3.57E-05	1.93E-05	3.08E-04	3.94E-05	0.00E+00	4.76E-07	5.25E-07	4.05E-05	5.02E-05	2.10E-04	3.57E-05	1.93E-05	3.15E-04
4120	478863.09, 3855377.25	0.01387	0.00837	0.0059	0.00664	5.61E-05	2.50E-04	3.76E-05	2.10E-05	3.64E-04	5.10E-05	0.00E+00	5.02E-07	5.72E-07	5.21E-05	6.49E-05	2.50E-04	3.76E-05	2.10E-05	3.73E-04
4121	479363.09, 3855377.25	0.01939	0.01046	0.00627	0.00742	7.84E-05	3.12E-04	4.00E-05	2.34E-05	4.54E-04	7.13E-05	0.00E+00	5.33E-07	6.39E-07	7.25E-05	9.07E-05	3.12E-04	4.00E-05	2.34E-05	4.66E-04
4122	479863.09, 3855377.25	0.02586	0.01284	0.00659	0.00831	1.05E-04	3.83E-04	4.20E-05	2.62E-05	5.56E-04	9.51E-05	0.00E+00	5.60E-07	7.16E-07	9.64E-05	1.21E-04	3.83E-04	4.20E-05	2.62E-05	5.72E-04
4123	480363.09, 3855377.25	0.03946	0.01737	0.00709	0.00965	1.60E-04	5.18E-04	4.52E-05	3.05E-05	7.53E-04	1.45E-04	0.00E+00	6.03E-07	8.31E-07	1.47E-04	1.85E-04	5.18E-04	4.52E-05	3.05E-05	7.78E-04
4124	480863.09, 3855377.25	0.05679	0.02626	0.00741	0.01089	2.30E-04	7.83E-04	4.73E-05	3.44E-05	1.09E-03	2.09E-04	0.00E+00	6.30E-07	9.38E-07	2.10E-04	2.66E-04	7.83E-04	4.73E-05	3.44E-05	1.13E-03
4125	481363.09, 3855377.25	0.07312	0.04358	0.0073	0.01272	2.96E-04	1.30E-03	4.66E-05	4.02E-05	1.68E-03	2.69E-04	0.00E+00	6.21E-07	1.10E-06	2.71E-04	3.42E-04	1.30E-03	4.66E-05	4.02E-05	1.73E-03
4126	481863.09, 3855377.25	0.08829	0.07467	0.00694	0.01551	3.57E-04	2.23E-03	4.43E-05	4.90E-05	2.68E-03	3.25E-04	0.00E+00	5.90E-07	1.34E-06	3.27E-04	4.13E-04	2.23E-03	4.43E-05	4.90E-05	2.73E-03

4127	482363.09, 3855377.25	0.10397	0.15929	0.00644	0.01886	4.20E-04	4.75E-03	4.11E-05	5.95E-05	5.27E-03	3.82E-04	0.00E+00	5.48E-07	1.62E-06	3.84E-04	4.86E-04	4.75E-03	4.11E-05	5.95E-05	5.34E-03
4128	482863.09, 3855377.25	0.13406	0.69146	0.00561	0.02883	5.42E-04	2.06E-02	3.58E-05	9.10E-05	2.13E-02	4.93E-04	0.00E+00	4.77E-07	2.48E-06	4.96E-04	6.27E-04	2.06E-02	3.58E-05	9.10E-05	2.14E-02
4129	483363.09, 3855377.25	0.18269	0.93133	0.00511	0.03418	7.38E-04	2.78E-02	3.26E-05	1.08E-04	2.87E-02	6.72E-04	0.00E+00	4.35E-07	2.94E-06	6.75E-04	8.54E-04	2.78E-02	3.26E-05	1.08E-04	2.88E-02
4130	483863.09, 3855377.25	0.30469	0.40499	0.00507	0.03901	1.23E-03	1.21E-02	3.23E-05	1.23E-04	1.35E-02	1.12E-03	0.00E+00	4.31E-07	3.36E-06	1.12E-03	1.42E-03	1.21E-02	3.23E-05	1.23E-04	1.37E-02
4131	484363.09, 3855377.25	0.88429	0.19634	0.00519	0.03791	3.57E-03	5.86E-03	3.31E-05	1.20E-04	9.58E-03	3.25E-03	0.00E+00	4.41E-07	3.26E-06	3.25E-03	4.14E-03	5.86E-03	3.31E-05	1.20E-04	1.01E-02
4132	484863.09, 3855377.25	8.73912	0.1517	0.00547	0.04431	3.53E-02	4.53E-03	3.49E-05	1.40E-04	4.00E-02	3.21E-02	0.00E+00	4.65E-07	3.82E-06	3.21E-02	4.09E-02	4.53E-03	3.49E-05	1.40E-04	4.56E-02
4133	485363.09, 3855377.25	3.19507	0.11857	0.00578	0.05013	1.29E-02	3.54E-03	3.69E-05	1.58E-04	1.66E-02	1.17E-02	0.00E+00	4.92E-07	4.32E-06	1.18E-02	1.49E-02	3.54E-03	3.69E-05	1.58E-04	1.87E-02
4134	485863.09, 3855377.25	1.52323	0.10215	0.00759	0.05054	6.16E-03	3.05E-03	4.84E-05	1.60E-04	9.41E-03	5.60E-03	0.00E+00	6.46E-07	4.35E-06	5.61E-03	7.12E-03	3.05E-03	4.84E-05	1.60E-04	1.04E-02
4135	486363.09, 3855377.25	0.9223	0.08674	0.00908	0.04747	3.73E-03	2.59E-03	5.79E-05	1.50E-04	6.52E-03	3.39E-03	0.00E+00	7.72E-07	4.09E-06	3.40E-03	4.31E-03	2.59E-03	5.79E-05	1.50E-04	7.11E-03
4136	486863.09, 3855377.25	0.65542	0.07686	0.01044	0.04421	2.65E-03	2.29E-03	6.66E-05	1.40E-04	5.15E-03	2.41E-03	0.00E+00	8.88E-07	3.81E-06	2.41E-03	3.07E-03	2.29E-03	6.66E-05	1.40E-04	5.56E-03
4137	487363.09, 3855377.25	0.58906	0.07743	0.01598	0.04092	2.38E-03	2.31E-03	1.02E-04	1.29E-04	4.92E-03	2.17E-03	0.00E+00	1.36E-06	3.52E-06	2.17E-03	2.75E-03	2.31E-03	1.02E-04	1.29E-04	5.30E-03
4138	487863.09, 3855377.25	0.53118	0.07733	0.01057	0.03717	2.15E-03	2.31E-03	6.74E-05	1.17E-04	4.64E-03	1.95E-03	0.00E+00	8.99E-07	3.20E-06	1.96E-03	2.48E-03	2.31E-03	6.74E-05	1.17E-04	4.98E-03
4139	488363.09, 3855377.25	0.48108	0.07729	0.00945	0.034	1.94E-03	2.31E-03	6.03E-05	1.07E-04	4.42E-03	1.77E-03	0.00E+00	8.04E-07	2.93E-06	1.77E-03	2.25E-03	2.31E-03	6.03E-05	1.07E-04	4.72E-03
4140	488863.09, 3855377.25	0.43402	0.07656	0.0122	0.03163	1.75E-03	2.28E-03	7.78E-05	9.99E-05	4.22E-03	1.60E-03	0.00E+00	1.04E-06	2.72E-06	1.60E-03	2.03E-03	2.28E-03	7.78E-05	9.99E-05	4.49E-03
4141	489363.09, 3855377.25	0.38939	0.07451	0.01488	0.02976	1.57E-03	2.22E-03	9.49E-05	9.40E-05	3.99E-03	1.43E-03	0.00E+00	1.27E-06	2.56E-06	1.44E-03	1.82E-03	2.22E-03	9.49E-05	9.40E-05	4.23E-03
4142	489863.09, 3855377.25	0.34301	0.0696	0.01263	0.02844	1.39E-03	2.08E-03	8.06E-05	8.98E-05	3.63E-03	1.26E-03	0.00E+00	1.07E-06	2.45E-06	1.26E-03	1.60E-03	2.08E-03	8.06E-05	8.98E-05	3.85E-03
4143	490363.09, 3855377.25	0.31267	0.06888	0.01982	0.02827	1.26E-03	2.05E-03	1.26E-04	8.93E-05	3.53E-03	1.15E-03	0.00E+00	1.69E-06	2.43E-06	1.15E-03	1.46E-03	2.05E-03	1.26E-04	8.93E-05	3.73E-03
4144	490863.09, 3855377.25	0.2031	0.04567	0.02662	0.02439	8.21E-04	1.36E-03	1.70E-04	7.70E-05	2.43E-03	7.47E-04	0.00E+00	2.26E-06	2.10E-06	7.51E-04	9.50E-04	1.36E-03	1.70E-04	7.70E-05	2.56E-03
4145	491363.09, 3855377.25	0.16496	0.04071	0.02301	0.0221	6.67E-04	1.21E-03	1.47E-04	6.98E-05	2.10E-03	6.06E-04	0.00E+00	1.96E-06	1.90E-06	6.10E-04	7.71E-04	1.21E-03	1.47E-04	6.98E-05	2.20E-03
4146	491863.09, 3855377.25	0.22082	0.05818	0.02953	0.024	8.93E-04	1.74E-03	1.88E-04	7.58E-05	2.89E-03	8.12E-04	0.00E+00	2.51E-06	2.07E-06	8.16E-04	1.03E-03	1.74E-03	1.88E-04	7.58E-05	3.03E-03
4147	492363.09, 3855377.25	0.20322	0.05804	0.03777	0.02382	8.21E-04	1.73E-03	2.41E-04	7.52E-05	2.87E-03	7.47E-04	0.00E+00	3.21E-06	2.05E-06	7.52E-04	9.50E-04	1.73E-03	2.41E-04	7.52E-05	3.00E-03
4148	492863.09, 3855377.25	0.18208	0.05465	0.04213	0.02345	7.36E-04	1.63E-03	2.69E-04	7.40E-05	2.71E-03	6.69E-04	0.00E+00	3.58E-06	2.02E-06	6.75E-04	8.52E-04	1.63E-03	2.69E-04	7.40E-05	2.82E-03
4149	493363.09, 3855377.25	0.1562	0.04824	0.04516	0.02226	6.31E-04	1.44E-03	2.88E-04	7.03E-05	2.43E-03	5.74E-04	0.00E+00	3.84E-06	1.92E-06	5.80E-04	7.30E-04	1.44E-03	2.88E-04	7.03E-05	2.53E-03
4150	493863.09, 3855377.25	0.11936	0.03878	0.04491	0.0203	4.82E-04	1.16E-03	2.86E-04	6.41E-05	1.99E-03	4.39E-04	0.00E+00	3.82E-06	1.75E-06	4.44E-04	5.58E-04	1.16E-03	2.86E-04	6.41E-05	2.07E-03
4151	494363.09, 3855377.25	0.08568	0.03099	0.03796	0.01826	3.46E-04	9.25E-04	2.42E-04	5.77E-05	1.57E-03	3.15E-04	0.00E+00	3.23E-06	1.57E-06	3.20E-04	4.01E-04	9.25E-04	2.42E-04	5.77E-05	1.63E-03
4152	494863.09, 3855377.25	0.06098	0.02498	0.03586	0.01702	2.46E-04	7.45E-04	2.29E-04	5.37E-05	1.27E-03	2.24E-04	0.00E+00	3.05E-06	1.47E-06	2.29E-04	2.85E-04	7.45E-04	2.29E-04	5.37E-05	1.31E-03
4153	495363.09, 3855377.25	0.04617	0.02112	0.03489	0.0162	1.87E-04	6.30E-04	2.23E-04	5.11E-05	1.09E-03	1.70E-04	0.00E+00	2.97E-06	1.39E-06	1.74E-04	2.16E-04	6.30E-04	2.23E-04	5.11E-05	1.12E-03
4154	495863.09, 3855377.25	0.03698	0.01843	0.03381	0.01551	1.49E-04	5.50E-04	2.16E-04	4.90E-05	9.64E-04	1.36E-04	0.00E+00	2.88E-06	1.34E-06	1.40E-04	1.73E-04	5.50E-04	2.16E-04	4.90E-05	9.87E-04
4155	496363.09, 3855377.25	0.0343	0.01793	0.03351	0.01518	1.39E-04	5.35E-04	2.14E-04	4.79E-05	9.35E-04	1.26E-04	0.00E+00	2.85E-06	1.31E-06	1.30E-04	1.60E-04	5.35E-04	2.14E-04	4.79E-05	9.57E-04
4156	496863.09, 3855377.25	0.03206	0.01752	0.03306	0.01497	1.30E-04	5.23E-04	2.11E-04	4.73E-05	9.10E-04	1.18E-04	0.00E+00	2.81E-06	1.29E-06	1.22E-04	1.50E-04	5.23E-04	2.11E-04	4.73E-05	9.31E-04
4157	497363.09, 3855377.25	0.03145	0.01769	0.03347	0.01489	1.27E-04	5.28E-04	2.13E-04	4.70E-05	9.15E-04	1.16E-04	0.00E+00	2.85E-06	1.28E-06	1.20E-04	1.47E-04	5.28E-04	2.13E-04	4.70E-05	9.35E-04
4158	497863.09, 3855377.25	0.03192	0.01831	0.03391	0.01491	1.29E-04	5.46E-04	2.16E-04	4.71E-05	9.39E-04	1.17E-04	0.00E+00	2.88E-06	1.28E-06	1.22E-04	1.49E-04	5.46E-04	2.16E-04	4.71E-05	9.59E-04
4159	498363.09, 3855377.25	0.0331	0.01919	0.03433	0.01498	1.34E-04	5.73E-04	2.19E-04	4.73E-05	9.73E-04	1.22E-04	0.00E+00	2.92E-06	1.29E-06	1.26E-04	1.55E-04	5.73E-04	2.19E-04	4.73E-05	9.94E-04
4160	471363.09, 3855877.25	0.00846	0.00596	0.00341	0.00354	3.42E-05	1.78E-04	2.18E-05	1.12E-05	2.45E-04	3.11E-05	0.00E+00	2.90E-07	3.05E-07	3.17E-05	3.96E-05	1.78E-04	2.18E-05	1.12E-05	2.50E-04
4161	471863.09, 3855877.25	0.00888	0.00618	0.00358	0.00368	3.59E-05	1.84E-04	2.28E-05	1.16E-05	2.55E-04	3.26E-05	0.00E+00	3.04E-07	3.17E-07	3.33E-05	4.15E-05	1.84E-04	2.28E-05	1.16E-05	2.60E-04
4162	472363.09, 3855877.25	0.00968	0.00677	0.00388	0.00387	3.91E-05	2.02E-04	2.47E-05	1.22E-05	2.78E-04	3.56E-05	0.00E+00	3.30E-07	3.33E-07	3.63E-05	4.53E-05	2.02E-04	2.47E-05	1.22E-05	2.84E-04
4163	472863.09, 3855877.25	0.01003	0.00683	0.004	0.00399	4.05E-05	2.04E-04	2.55E-05	1.26E-05	2.82E-04	3.69E-05	0.00E+00	3.40E-07	3.44E-07	3.76E-05	4.69E-05	2.04E-04	2.55E-05	1.26E-05	2.89E-04
4164	473363.09, 3855877.25	0.0111	0.00766	0.00433	0.00421	4.49E-05	2.29E-04	2.76E-05	1.33E-05	3.14E-04	4.08E-05	0.00E+00	3.68E-07	3.63E-07	4.15E-05	5.19E-05	2.29E-04	2.76E-05	1.33E-05	3.21E-04
4165	473863.09, 3855877.25	0.01201	0.00827	0.00456	0.00441	4.85E-05	2.47E-04	2.91E-05	1.39E-05	3.38E-04	4.42E-05	0.00E+00	3.88E-07	3.80E-07	4.49E-05	5.62E-05	2.47E-04	2.91E-05	1.39E-05	3.46E-04
4166	474363.09, 3855877.25	0.01281	0.00859	0.00571	0.0048	5.18E-05	2.56E-04	3.64E-05	1.52E-05	3.60E-04	4.71E-05	0.00E+00	4.86E-07	4.13E-07	4.80E-05	5.99E-05	2.56E-04	3.64E-05	1.52E-05	3.68E-04
4167	474863.09, 3855877.25	0.01111	0.0069	0.00477	0.00462	4.49E-05	2.06E-04	3.04E-05	1.46E-05	2.96E-04	4.08E-05	0.00E+00	4.06E-07	3.98E-07	4.16E-05	5.20E-05	2.06E-04	3.04E-05	1.46E-05	3.03E-04
4168	475363.09, 3855877.25	0.00751	0.00521	0.00382	0.00445	3.04E-05	1.55E-04	2.44E-05	1.41E-05	2.24E-04	2.76E-05	0.00E+00	3.25E-07	3.83E-07	2.83E-05	3.51E-05	1.55E-04	2.44E-05	1.41E-05	2.29E-04
4169	475863.09, 3855877.25	0.00349	0.00341	0.00353	0.00434	1.41E-05	1.02E-04	2.25E-05	1.37E-05	1.52E-04	1.28E-05	0.00E+00	3.00E-07	3.74E-07	1.35E-05	1.63E-05	1.02E-04	2.25E-05	1.37E-05	1.54E-04
4170	476363.09, 3855877.25	0.00376	0.00365	0.00383	0.00457	1.52E-05	1.09E-04	2.44E-05	1.44E-05	1.63E-04	1.38E-05	0.00E+00	3.26E-07	3.94E-07	1.45E-05	1.76E-05	1.09E-04	2.44E-05	1.44E-05	1.65E-04
4171	476863.09, 3855877.25	0.00562	0.00477	0.00431	0.005	2.27E-05	1.42E-04	2.75E-05	1.58E-05	2.08E-04	2.07E-05	0.00E+00	3.67E-07	4.31E-07	2.15E-05	2.63E-05	1.42E-04	2.75E-05	1.58E-05	2.12E-04
4172	477363.09, 3855877.25	0.00695	0.00546	0.00478	0.0053	2.81E-05	1.63E-04	3.05E-05	1.67E-05	2.38E-04	2.56E-05	0.00E+00	4.07E-07	4.56E-07	2.64E-05	3.25E-05	1.63E-04	3.05E-05	1.67E-05	2.43E-04
4173	477863.09, 3855877.25	0.00854	0.00631	0.00513	0.00566	3.45E-05	1.88E-04	3.27E-05	1.79E-05	2.73E-04	3.14E-05	0.00E+00	4.36E-07	4.87E-07	3.23E-05	3.99E-05	1.88E-04	3.27E-05	1.79E-05	2.79E-04
4174	478363.09, 3855877.25	0.01122	0.00751	0.00561	0.00613	4.54E-05	2.24E-04	3.58E-05	1.94E-05	3.25E-04	4.13E-05	0.00E+00	4.77E-07	5.28E-07	4.23E-05	5.25E-05	2.24E-04	3.58E-05	1.94E-05	3.32E-04
4175	478863.09, 3855877.25	0.01494	0.00916	0.00629	0.00672	6.04E-05	2.73E-04	4.01E-05	2.12E-05	3.95E-04	5.49E-05	0.00E+00	5.35E-07	5.79E-07	5.60E-05	6.99E-05	2.73E-04	4.01E-05	2.12E-05	4.04E-04
4176	479363.09, 3855877.25	0.02102	0.01148	0.00722	0.00755	8.50E-05	3.42E-04	4.61E-05	2.38E-05	4.97E-04	7.73E-05	0.00E+00	6.14E-07	6.50E-07	7.85E-05	9.83E-05	3.42E-04	4.61E-05	2.38E-05	5.11E-04
4177	479863.09, 3855877.25	0.0285	0.01438	0.00813	0.00853	1.15E-04	4.29E-04	5.19E-05	2.69E-05	6.23E-04	1.05E-04	0.00E+00	6.91E-07	7.35E-07	1.06E-04	1.33E-04	4.29E-04	5.19E-05	2.69E-05	6.41E-04
4178	480363.09, 3855877.25	0.04022	0.01931	0.00857	0.00982	1.63E-04	5.76E-04	5.47E-05	3.10E-05	8.24E-04	1.48E-04	0.00E+00	7.29E-07	8.46E-07	1.49E-04	1.88E-04	5.76E-04	5.47E-05	3.10E-05	8.50E-04
4179	480863.09, 3855877.25	0.05587	0.02796	0.00829	0.01118	2.26E-04	8.34E-04	5.29E-05	3.53E-05	1.15E-03	2.05E-04	0.00E+00	7.05E-07	9.63E-07	2.07E-04	2.61E-04	8.34E-04	5.29E-05	3.53E-05	1.18E-03
4180	481363.09, 3855877.25	0.06567	0.03184	0.00835	0.01274	2.65E-04	9.50E-04	5.33E-05	4.02E-05	1.31E-03	2.41E-04	0.00E+00	7.10E-07	1.10E-06	2.43E-04	3.07E-04	9.50E-04	5.33E-05	4.02E-05	1.35E-03
4181	481863.09, 3855877.25	0.09006	0.07571	0.0084	0.0148	3.64E-04	2.26E-03	5.36E-05	4.67E-05	2.72E-03	3.31E-04	0.00E+00	7.14E-07	1.27E-06	3.33E-04	4.21E-04	2.26E-03	5.36E-05	4.67E-05	2.78E-03
4182	482363.09, 3855877.25	0.10574	0.17068	0.00877	0.02082	4.27E-04	5.09E-03	5.59E-05	6.57E-05	5.64E-03	3.89E-04	0.00E+00	7.46E-07	1.79E-06	3.91E-04	4.95E-04	5.09E-03	5.59E-05	6.57E-05	5.71E-03
4183	482863.09, 3855877.25	0.13906	0.31901	0.00853	0.03308	5.62E-04	9.52E-03	5.44E-05	1.04E-04	1.02E-02	5.11E-04	0.00E+00	7.25E-07	2.85E-06	5.15E-04	6.50E-04	9.52E-03	5.44E-05	1.04E-04	1.03E-02
4184	483363.09, 3855877.25	0.19149	1.26302	0.00767	0.05973	7.74E-04	3.77E-02	4.89E-05	1.89E-04	3.87E-02	7.04E-04	0.00E+00	6.52E-07	5.14E-06	7.10E-04	8.96E-04	3.77E-02	4.89E-05	1.89E-04	3.88E-02
4185	483863.09, 3855877.25	0.27606	0.90344	0.00661	0.07958	1.12E-03	2.70E-02	4.22E-05	2.51E-04	2.84E-02	1.01E-03	0.00E+00	5.62E-07	6.85E-06	1.02E-03	1.29E-03	2.70E-02	4.22E-05	2.51E-04	2.85E-02

4186	484363.09, 3855877.25	0.49074	0.47828	0.0061	0.15479	1.98E-03	1.43E-02	3.89E-05	4.89E-04	1.68E-02	1.80E-03	0.00E+00	5.19E-07	1.33E-05	1.82E-03	2.29E-03	1.43E-02	3.89E-05	4.89E-04	1.71E-02
4187	484863.09, 3855877.25	1.06744	0.31203	0.00614	0.14812	4.31E-03	9.31E-03	3.92E-05	4.68E-04	1.41E-02	3.92E-03	0.00E+00	5.22E-07	1.28E-05	3.94E-03	4.99E-03	9.31E-03	3.92E-05	4.68E-04	1.48E-02
4188	485363.09, 3855877.25	8.00507	0.24149	0.0066	0.11185	3.24E-02	7.20E-03	4.21E-05	3.53E-04	4.00E-02	2.94E-02	0.00E+00	5.61E-07	9.63E-06	2.94E-02	3.74E-02	7.20E-03	4.21E-05	3.53E-04	4.50E-02
4189	485863.09, 3855877.25	5.04414	0.18746	0.00706	0.08952	2.04E-02	5.59E-03	4.50E-05	2.83E-04	2.63E-02	1.85E-02	0.00E+00	6.00E-07	7.71E-06	1.86E-02	2.36E-02	5.59E-03	4.50E-05	2.83E-04	2.95E-02
4190	486363.09, 3855877.25	2.04772	0.14865	0.00916	0.07306	8.28E-03	4.43E-03	5.84E-05	2.31E-04	1.30E-02	7.53E-03	0.00E+00	7.79E-07	6.29E-06	7.54E-03	9.58E-03	4.43E-03	5.84E-05	2.31E-04	1.43E-02
4191	486863.09, 3855877.25	1.31949	0.12909	0.01219	0.05936	5.33E-03	3.85E-03	7.78E-05	1.87E-04	9.45E-03	4.85E-03	0.00E+00	1.04E-06	5.11E-06	4.86E-03	6.17E-03	3.85E-03	7.78E-05	1.87E-04	1.03E-02
4192	487363.09, 3855877.25	1.0582	0.12488	0.01575	0.04946	4.28E-03	3.73E-03	1.00E-04	1.56E-04	8.26E-03	3.89E-03	0.00E+00	1.34E-06	4.26E-06	3.90E-03	4.95E-03	3.73E-03	1.00E-04	1.56E-04	8.93E-03
4193	487863.09, 3855877.25	0.87434	0.12143	0.01352	0.04217	3.53E-03	3.62E-03	8.62E-05	1.33E-04	7.38E-03	3.21E-03	0.00E+00	1.15E-06	3.63E-06	3.22E-03	4.09E-03	3.62E-03	8.62E-05	1.33E-04	7.93E-03
4194	488363.09, 3855877.25	0.72711	0.11541	0.01187	0.0369	2.94E-03	3.44E-03	7.57E-05	1.17E-04	6.57E-03	2.67E-03	0.00E+00	1.01E-06	3.18E-06	2.68E-03	3.40E-03	3.44E-03	7.57E-05	1.17E-04	7.04E-03
4195	488863.09, 3855877.25	0.61616	0.11009	0.01544	0.03349	2.49E-03	3.28E-03	9.85E-05	1.06E-04	5.98E-03	2.27E-03	0.00E+00	1.31E-06	2.88E-06	2.27E-03	2.88E-03	3.28E-03	9.85E-05	1.06E-04	6.37E-03
4196	489363.09, 3855877.25	0.5235	0.10428	0.01604	0.03066	2.12E-03	3.11E-03	1.02E-04	9.68E-05	5.43E-03	1.92E-03	0.00E+00	1.36E-06	2.64E-06	1.93E-03	2.45E-03	3.11E-03	1.02E-04	9.68E-05	5.76E-03
4197	489863.09, 3855877.25	0.44782	0.09802	0.02075	0.02911	1.81E-03	2.92E-03	1.32E-04	9.19E-05	4.96E-03	1.65E-03	0.00E+00	1.76E-06	2.51E-06	1.65E-03	2.09E-03	2.92E-03	1.32E-04	9.19E-05	5.24E-03
4198	490363.09, 3855877.25	0.38695	0.09322	0.03049	0.02781	1.56E-03	2.78E-03	1.94E-04	8.78E-05	4.63E-03	1.42E-03	0.00E+00	2.59E-06	2.39E-06	1.43E-03	1.81E-03	2.78E-03	1.94E-04	8.78E-05	4.87E-03
4199	490863.09, 3855877.25	0.33314	0.08474	0.03307	0.02644	1.35E-03	2.53E-03	2.11E-04	8.35E-05	4.17E-03	1.22E-03	0.00E+00	2.81E-06	2.28E-06	1.23E-03	1.56E-03	2.53E-03	2.11E-04	8.35E-05	4.38E-03
4200	491363.09, 3855877.25	0.27531	0.07052	0.04477	0.02513	1.11E-03	2.10E-03	2.86E-04	7.93E-05	3.58E-03	1.01E-03	0.00E+00	3.81E-06	2.16E-06	1.02E-03	1.29E-03	2.10E-03	2.86E-04	7.93E-05	3.76E-03
4201	491863.09, 3855877.25	0.25677	0.07689	0.04879	0.025	1.04E-03	2.29E-03	3.11E-04	7.89E-05	3.72E-03	9.44E-04	0.00E+00	4.15E-06	2.15E-06	9.50E-04	1.20E-03	2.29E-03	3.11E-04	7.89E-05	3.88E-03
4202	492363.09, 3855877.25	0.2243	0.07007	0.0555	0.02468	9.07E-04	2.09E-03	3.54E-04	7.79E-05	3.43E-03	8.25E-04	0.00E+00	4.72E-06	2.13E-06	8.31E-04	1.05E-03	2.09E-03	3.54E-04	7.79E-05	3.57E-03
4203	492863.09, 3855877.25	0.19743	0.06495	0.06143	0.02387	7.98E-04	1.94E-03	3.92E-04	7.54E-05	3.20E-03	7.26E-04	0.00E+00	5.22E-06	2.06E-06	7.33E-04	9.23E-04	1.94E-03	3.92E-04	7.54E-05	3.33E-03
4204	493363.09, 3855877.25	0.15168	0.05069	0.05891	0.02174	6.13E-04	1.51E-03	3.76E-04	6.86E-05	2.57E-03	5.58E-04	0.00E+00	5.01E-06	1.87E-06	5.65E-04	7.09E-04	1.51E-03	3.76E-04	6.86E-05	2.67E-03
4205	493863.09, 3855877.25	0.1042	0.03873	0.04944	0.01952	4.21E-04	1.16E-03	3.15E-04	6.16E-05	1.95E-03	3.83E-04	0.00E+00	4.20E-06	1.68E-06	3.89E-04	4.87E-04	1.16E-03	3.15E-04	6.16E-05	2.02E-03
4206	494363.09, 3855877.25	0.07119	0.03026	0.04529	0.01802	2.88E-04	9.03E-04	2.89E-04	5.69E-05	1.54E-03	2.62E-04	0.00E+00	3.85E-06	1.55E-06	2.67E-04	3.33E-04	9.03E-04	2.89E-04	5.69E-05	1.58E-03
4207	494863.09, 3855877.25	0.05199	0.02503	0.04331	0.01707	2.10E-04	7.47E-04	2.76E-04	5.39E-05	1.29E-03	1.91E-04	0.00E+00	3.68E-06	1.47E-06	1.96E-04	2.43E-04	7.47E-04	2.76E-04	5.39E-05	1.32E-03
4208	495363.09, 3855877.25	0.03637	0.01975	0.03893	0.01584	1.47E-04	5.89E-04	2.48E-04	5.00E-05	1.03E-03	1.34E-04	0.00E+00	3.31E-06	1.36E-06	1.38E-04	1.70E-04	5.89E-04	2.48E-04	5.00E-05	1.06E-03
4209	495863.09, 3855877.25	0.03397	0.01933	0.0383	0.01561	1.37E-04	5.77E-04	2.44E-04	4.93E-05	1.01E-03	1.25E-04	0.00E+00	3.26E-06	1.34E-06	1.29E-04	1.59E-04	5.77E-04	2.44E-04	4.93E-05	1.03E-03
4210	496363.09, 3855877.25	0.03227	0.01912	0.03784	0.01546	1.30E-04	5.70E-04	2.41E-04	4.88E-05	9.91E-04	1.19E-04	0.00E+00	3.22E-06	1.33E-06	1.23E-04	1.51E-04	5.70E-04	2.41E-04	4.88E-05	1.01E-03
4211	496863.09, 3855877.25	0.03228	0.0196	0.0382	0.01549	1.30E-04	5.85E-04	2.44E-04	4.89E-05	1.01E-03	1.19E-04	0.00E+00	3.25E-06	1.33E-06	1.23E-04	1.51E-04	5.85E-04	2.44E-04	4.89E-05	1.03E-03
4212	497363.09, 3855877.25	0.03259	0.02016	0.03846	0.01552	1.32E-04	6.01E-04	2.45E-04	4.90E-05	1.03E-03	1.20E-04	0.00E+00	3.27E-06	1.34E-06	1.24E-04	1.52E-04	6.01E-04	2.45E-04	4.90E-05	1.05E-03
4213	497863.09, 3855877.25	0.03361	0.02102	0.03893	0.01556	1.36E-04	6.27E-04	2.48E-04	4.91E-05	1.06E-03	1.24E-04	0.00E+00	3.31E-06	1.34E-06	1.28E-04	1.57E-04	6.27E-04	2.48E-04	4.91E-05	1.08E-03
4214	498363.09, 3855877.25	0.03738	0.02304	0.03939	0.01571	1.51E-04	6.87E-04	2.51E-04	4.96E-05	1.14E-03	1.37E-04	0.00E+00	3.35E-06	1.35E-06	1.42E-04	1.75E-04	6.87E-04	2.51E-04	4.96E-05	1.16E-03
4215	471363.09, 3856377.25	0.00856	0.00615	0.00303	0.00346	3.46E-05	1.83E-04	1.93E-05	1.09E-05	2.48E-04	3.15E-05	0.00E+00	2.58E-07	2.98E-07	3.20E-05	4.00E-05	1.83E-04	1.93E-05	1.09E-05	2.54E-04
4216	471863.09, 3856377.25	0.00899	0.00635	0.00316	0.00359	3.63E-05	1.89E-04	2.02E-05	1.13E-05	2.57E-04	3.31E-05	0.00E+00	2.69E-07	3.09E-07	3.36E-05	4.20E-05	1.89E-04	2.02E-05	1.13E-05	2.63E-04
4217	472363.09, 3856377.25	0.0097	0.0068	0.00337	0.00376	3.92E-05	2.03E-04	2.15E-05	1.19E-05	2.75E-04	3.57E-05	0.00E+00	2.87E-07	3.24E-07	3.63E-05	4.54E-05	2.03E-04	2.15E-05	1.19E-05	2.82E-04
4218	472863.09, 3856377.25	0.01055	0.0074	0.00362	0.00395	4.26E-05	2.21E-04	2.31E-05	1.25E-05	2.99E-04	3.88E-05	0.00E+00	3.08E-07	3.40E-07	3.94E-05	4.93E-05	2.21E-04	2.31E-05	1.25E-05	3.06E-04
4219	473363.09, 3856377.25	0.01138	0.00789	0.00385	0.00414	4.60E-05	2.35E-04	2.46E-05	1.31E-05	3.19E-04	4.18E-05	0.00E+00	3.27E-07	3.56E-07	4.25E-05	5.32E-05	2.35E-04	2.46E-05	1.31E-05	3.26E-04
4220	473863.09, 3856377.25	0.01263	0.00893	0.00413	0.00438	5.11E-05	2.66E-04	2.63E-05	1.38E-05	3.58E-04	4.64E-05	0.00E+00	3.51E-07	3.77E-07	4.72E-05	5.91E-05	2.66E-04	2.63E-05	1.38E-05	3.66E-04
4221	474363.09, 3856377.25	0.01292	0.00857	0.00431	0.00452	5.22E-05	2.56E-04	2.75E-05	1.43E-05	3.50E-04	4.75E-05	0.00E+00	3.67E-07	3.89E-07	4.83E-05	6.04E-05	2.56E-04	2.75E-05	1.43E-05	3.58E-04
4222	474863.09, 3856377.25	0.01276	0.00794	0.00516	0.00482	5.16E-05	2.37E-04	3.29E-05	1.52E-05	3.37E-04	4.69E-05	0.00E+00	4.39E-07	4.15E-07	4.78E-05	5.97E-05	2.37E-04	3.29E-05	1.52E-05	3.45E-04
4223	475363.09, 3856377.25	0.01079	0.00663	0.00426	0.00471	4.36E-05	1.98E-04	2.72E-05	1.49E-05	2.83E-04	3.97E-05	0.00E+00	3.62E-07	4.06E-07	4.04E-05	5.05E-05	1.98E-04	2.72E-05	1.49E-05	2.90E-04
4224	475863.09, 3856377.25	0.00758	0.00532	0.00358	0.00465	3.06E-05	1.59E-04	2.28E-05	1.47E-05	2.27E-04	2.79E-05	0.00E+00	3.04E-07	4.00E-07	2.86E-05	3.54E-05	1.59E-04	2.28E-05	1.47E-05	2.32E-04
4225	476363.09, 3856377.25	0.00716	0.00528	0.00367	0.00486	2.89E-05	1.58E-04	2.34E-05	1.53E-05	2.25E-04	2.63E-05	0.00E+00	3.12E-07	4.18E-07	2.71E-05	3.35E-05	1.58E-04	2.34E-05	1.53E-05	2.30E-04
4226	476863.09, 3856377.25	0.0074	0.00553	0.00391	0.00512	2.99E-05	1.65E-04	2.49E-05	1.62E-05	2.36E-04	2.72E-05	0.00E+00	3.33E-07	4.41E-07	2.80E-05	3.46E-05	1.65E-04	2.49E-05	1.62E-05	2.41E-04
4227	477363.09, 3856377.25	0.00802	0.00594	0.00419	0.00541	3.24E-05	1.77E-04	2.67E-05	1.71E-05	2.53E-04	2.95E-05	0.00E+00	3.56E-07	4.66E-07	3.03E-05	3.75E-05	1.77E-04	2.67E-05	1.71E-05	2.59E-04
4228	477863.09, 3856377.25	0.00651	0.00551	0.00444	0.00567	2.63E-05	1.64E-04	2.83E-05	1.79E-05	2.37E-04	2.39E-05	0.00E+00	3.78E-07	4.88E-07	2.48E-05	3.04E-05	1.64E-04	2.83E-05	1.79E-05	2.41E-04
4229	478363.09, 3856377.25	0.00588	0.00541	0.00461	0.00597	2.38E-05	1.61E-04	2.94E-05	1.88E-05	2.33E-04	2.16E-05	0.00E+00	3.92E-07	5.14E-07	2.25E-05	2.75E-05	1.61E-04	2.94E-05	1.88E-05	2.37E-04
4230	478863.09, 3856377.25	0.01191	0.00814	0.0054	0.00663	4.81E-05	2.43E-04	3.44E-05	2.09E-05	3.46E-04	4.38E-05	0.00E+00	4.59E-07	5.71E-07	4.48E-05	5.57E-05	2.43E-04	3.44E-05	2.09E-05	3.54E-04
4231	479363.09, 3856377.25	0.01597	0.00997	0.00644	0.00739	6.46E-05	2.97E-04	4.11E-05	2.33E-05	4.26E-04	5.87E-05	0.00E+00	5.48E-07	6.36E-07	5.99E-05	7.47E-05	2.97E-04	4.11E-05	2.33E-05	4.37E-04
4232	479863.09, 3856377.25	0.0277	0.0144	0.00875	0.00877	1.12E-04	4.30E-04	5.58E-05	2.77E-05	6.25E-04	1.02E-04	0.00E+00	7.44E-07	7.55E-07	1.03E-04	1.30E-04	4.30E-04	5.58E-05	2.77E-05	6.43E-04
4233	480363.09, 3856377.25	0.04193	0.02099	0.0095	0.01001	1.69E-04	6.26E-04	6.06E-05	3.16E-05	8.88E-04	1.54E-04	0.00E+00	8.08E-07	8.62E-07	1.56E-04	1.96E-04	6.26E-04	6.06E-05	3.16E-05	9.14E-04
4234	480863.09, 3856377.25	0.05531	0.02981	0.00891	0.01064	2.24E-04	8.89E-04	5.68E-05	3.36E-05	1.20E-03	2.03E-04	0.00E+00	7.58E-07	9.16E-07	2.05E-04	2.59E-04	8.89E-04	5.68E-05	3.36E-05	1.24E-03
4235	481363.09, 3856377.25	0.07117	0.04515	0.00888	0.01171	2.88E-04	1.35E-03	5.66E-05	3.70E-05	1.73E-03	2.62E-04	0.00E+00	7.55E-07	1.01E-06	2.63E-04	3.33E-04	1.35E-03	5.66E-05	3.70E-05	1.77E-03
4236	481863.09, 3856377.25	0.08843	0.08503	0.00899	0.0134	3.57E-04	2.54E-03	5.73E-05	4.23E-05	2.99E-03	3.25E-04	0.00E+00	7.65E-07	1.15E-06	3.27E-04	4.14E-04	2.54E-03	5.73E-05	4.23E-05	3.05E-03
4237	482363.09, 3856377.25	0.10435	0.15929	0.00959	0.01827	4.22E-04	4.75E-03	6.12E-05	5.77E-05	5.29E-03	3.84E-04	0.00E+00	8.16E-07	1.57E-06	3.86E-04	4.88E-04	4.75E-03	6.12E-05	5.77E-05	5.36E-03
4238	482863.09, 3856377.25	0.1312	0.25705	0.01009	0.02686	5.30E-04	7.67E-03	6.44E-05	8.48E-05	8.35E-03	4.82E-04	0.00E+00	8.58E-07	2.31E-06	4.86E-04	6.14E-04	7.67E-03	6.44E-05	8.48E-05	8.43E-03
4239	483363.09, 3856377.25	0.1695	0.86063	0.01044	0.05574	6.85E-04	2.57E-02	6.66E-05	1.76E-04	2.66E-02	6.23E-04	0.00E+00	8.88E-07	4.80E-06	6.29E-04	7.93E-04	2.57E-02	6.66E-05	1.76E-04	2.67E-02
4240	483863.09, 3856377.25	0.23268	1.81165	0.0104	0.13776	9.41E-04	5.40E-02	6.63E-05	4.35E-04	5.55E-02	8.55E-04	0.00E+00	8.84E-07	1.19E-05	8.68E-04	1.09E-03	5.40E-02	6.63E-05	4.35E-04	5.56E-02
4241	484363.09, 3856377.25	0.3306	1.79031	0.00953	0.21993	1.34E-03	5.34E-02	6.08E-05	6.94E-04	5.55E-02	1.22E-03	0.00E+00	8.10E-07	1.89E-05	1.24E-03	1.55E-03	5.34E-02	6.08E-05	6.94E-04	5.57E-02
4242	484863.09, 3856377.25	0.50002	0.82737	0.00832	0.29523	2.02E-03	2.47E-02	5.31E-05	9.32E-04	2.77E-02	1.84E-03	0.00E+00	7.08E-07	2.54E-05	1.86E-03	2.34E-03	2.47E-02	5.31E-05	9.32E-04	2.80E-02
4243	485363.09, 3856377.25	0.92881	0.51693	0.00782	0.19618	3.75E-03	1.54E-02	4.99E-05	6.19E-04	1.98E-02	3.41E-03	0.00E+00	6.65E-07	1.69E-05	3.43E-03	4.34E-03	1.54E-02	4.99E-05	6.19E-04	2.04E-02
4244	485863.09, 3856377.25	4.79441	0.35977	0.00838	0.11411	1.94E-02	1.07E-02	5.35E-05	3.60E-04	3.05E-02	1.76E-02	0.00E+00	7.13E-07	9.83E-06	1.76E-02	2.24E-02	1.07E-02	5.35E-05	3.60E-04	3.36E-02

4245	486363.09, 3856377.25	5.70778	0.2356	0.00926	0.07747	2.31E-02	7.03E-03	5.91E-05	2.45E-04	3.04E-02	2.10E-02	0.00E+00	7.88E-07	6.67E-06	2.10E-02	2.67E-02	7.03E-03	5.91E-05	2.45E-04	3.40E-02
4246	486863.09, 3856377.25	2.52686	0.20638	0.01164	0.05734	1.02E-02	6.16E-03	7.42E-05	1.81E-04	1.66E-02	9.29E-03	0.00E+00	9.90E-07	4.94E-06	9.30E-03	1.18E-02	6.16E-03	7.42E-05	1.81E-04	1.82E-02
4247	487363.09, 3856377.25	1.68919	0.18951	0.01578	0.04584	6.83E-03	5.65E-03	1.01E-04	1.45E-04	1.27E-02	6.21E-03	0.00E+00	1.34E-06	3.95E-06	6.22E-03	7.90E-03	5.65E-03	1.01E-04	1.45E-04	1.38E-02
4248	487863.09, 3856377.25	1.25565	0.17835	0.01848	0.03811	5.08E-03	5.32E-03	1.18E-04	1.20E-04	1.06E-02	4.62E-03	0.00E+00	1.57E-06	3.28E-06	4.62E-03	5.87E-03	5.32E-03	1.18E-04	1.20E-04	1.14E-02
4249	488363.09, 3856377.25	0.9655	0.16379	0.01612	0.03315	3.90E-03	4.89E-03	1.03E-04	1.05E-04	9.00E-03	3.55E-03	0.00E+00	1.37E-06	2.85E-06	3.55E-03	4.52E-03	4.89E-03	1.03E-04	1.05E-04	9.61E-03
4250	488863.09, 3856377.25	0.76028	0.15095	0.01891	0.03001	3.07E-03	4.50E-03	1.21E-04	9.48E-05	7.79E-03	2.80E-03	0.00E+00	1.61E-06	2.58E-06	2.80E-03	3.56E-03	4.50E-03	1.21E-04	9.48E-05	8.27E-03
4251	489363.09, 3856377.25	0.61234	0.13947	0.02431	0.02837	2.48E-03	4.16E-03	1.55E-04	8.96E-05	6.88E-03	2.25E-03	0.00E+00	2.07E-06	2.44E-06	2.26E-03	2.86E-03	4.16E-03	1.55E-04	8.96E-05	7.27E-03
4252	489863.09, 3856377.25	0.50315	0.12909	0.04005	0.02733	2.03E-03	3.85E-03	2.55E-04	8.63E-05	6.23E-03	1.85E-03	0.00E+00	3.41E-06	2.35E-06	1.86E-03	2.35E-03	3.85E-03	2.55E-04	8.63E-05	6.55E-03
4253	490363.09, 3856377.25	0.42089	0.11832	0.04782	0.02609	1.70E-03	3.53E-03	3.05E-04	8.24E-05	5.62E-03	1.55E-03	0.00E+00	4.07E-06	2.25E-06	1.55E-03	1.97E-03	3.53E-03	3.05E-04	8.24E-05	5.89E-03
4254	490863.09, 3856377.25	0.35677	0.1088	0.0608	0.02529	1.44E-03	3.25E-03	3.88E-04	7.98E-05	5.16E-03	1.31E-03	0.00E+00	5.17E-06	2.18E-06	1.32E-03	1.67E-03	3.25E-03	3.88E-04	7.98E-05	5.38E-03
4255	491363.09, 3856377.25	0.30653	0.10125	0.06983	0.02538	1.24E-03	3.02E-03	4.45E-04	8.01E-05	4.79E-03	1.13E-03	0.00E+00	5.94E-06	2.19E-06	1.14E-03	1.43E-03	3.02E-03	4.45E-04	8.01E-05	4.98E-03
4256	491863.09, 3856377.25	0.26523	0.09284	0.07744	0.02533	1.07E-03	2.77E-03	4.94E-04	8.00E-05	4.42E-03	9.75E-04	0.00E+00	6.59E-06	2.18E-06	9.84E-04	1.24E-03	2.77E-03	4.94E-04	8.00E-05	4.58E-03
4257	492363.09, 3856377.25	0.22834	0.08255	0.08029	0.02499	9.23E-04	2.46E-03	5.12E-04	7.89E-05	3.98E-03	8.39E-04	0.00E+00	6.83E-06	2.15E-06	8.48E-04	1.07E-03	2.46E-03	5.12E-04	7.89E-05	4.12E-03
4258	492863.09, 3856377.25	0.1845	0.06721	0.07755	0.02369	7.46E-04	2.01E-03	4.95E-04	7.48E-05	3.32E-03	6.78E-04	0.00E+00	6.60E-06	2.04E-06	6.87E-04	8.63E-04	2.01E-03	4.95E-04	7.48E-05	3.44E-03
4259	493363.09, 3856377.25	0.11621	0.04668	0.06555	0.02074	4.70E-04	1.39E-03	4.18E-04	6.55E-05	2.35E-03	4.27E-04	0.00E+00	5.57E-06	1.79E-06	4.35E-04	5.43E-04	1.39E-03	4.18E-04	6.55E-05	2.42E-03
4260	493863.09, 3856377.25	0.08665	0.039	0.06023	0.01954	3.50E-04	1.16E-03	3.84E-04	6.17E-05	1.96E-03	3.19E-04	0.00E+00	5.12E-06	1.68E-06	3.25E-04	4.05E-04	1.16E-03	3.84E-04	6.17E-05	2.01E-03
4261	494363.09, 3856377.25	0.06051	0.03125	0.05511	0.01838	2.45E-04	9.32E-04	3.52E-04	5.80E-05	1.59E-03	2.22E-04	0.00E+00	4.69E-06	1.58E-06	2.29E-04	2.83E-04	9.32E-04	3.52E-04	5.80E-05	1.62E-03
4262	494863.09, 3856377.25	0.04397	0.02552	0.05018	0.01732	1.78E-04	7.61E-04	3.20E-04	5.47E-05	1.31E-03	1.62E-04	0.00E+00	4.27E-06	1.49E-06	1.67E-04	2.06E-04	7.61E-04	3.20E-04	5.47E-05	1.34E-03
4263	495363.09, 3856377.25	0.03474	0.02186	0.04506	0.01644	1.40E-04	6.52E-04	2.87E-04	5.19E-05	1.13E-03	1.28E-04	0.00E+00	3.83E-06	1.42E-06	1.33E-04	1.62E-04	6.52E-04	2.87E-04	5.19E-05	1.15E-03
4264	495863.09, 3856377.25	0.03221	0.02114	0.04314	0.01613	1.30E-04	6.31E-04	2.75E-04	5.09E-05	1.09E-03	1.18E-04	0.00E+00	3.67E-06	1.39E-06	1.23E-04	1.51E-04	6.31E-04	2.75E-04	5.09E-05	1.11E-03
4265	496363.09, 3856377.25	0.03159	0.02132	0.04232	0.01603	1.28E-04	6.36E-04	2.70E-04	5.06E-05	1.08E-03	1.16E-04	0.00E+00	3.60E-06	1.38E-06	1.21E-04	1.48E-04	6.36E-04	2.70E-04	5.06E-05	1.10E-03
4266	496863.09, 3856377.25	0.03298	0.02245	0.043	0.01624	1.33E-04	6.70E-04	2.74E-04	5.13E-05	1.13E-03	1.21E-04	0.00E+00	3.66E-06	1.40E-06	1.26E-04	1.54E-04	6.70E-04	2.74E-04	5.13E-05	1.15E-03
4267	497363.09, 3856377.25	0.03427	0.02348	0.043	0.01626	1.39E-04	7.00E-04	2.74E-04	5.13E-05	1.16E-03	1.26E-04	0.00E+00	3.66E-06	1.40E-06	1.31E-04	1.60E-04	7.00E-04	2.74E-04	5.13E-05	1.19E-03
4268	497863.09, 3856377.25	0.03672	0.025	0.04251	0.01629	1.48E-04	7.46E-04	2.71E-04	5.14E-05	1.22E-03	1.35E-04	0.00E+00	3.62E-06	1.40E-06	1.40E-04	1.72E-04	7.46E-04	2.71E-04	5.14E-05	1.24E-03
4269	498363.09, 3856377.25	0.04034	0.02704	0.04251	0.01635	1.63E-04	8.07E-04	2.71E-04	5.16E-05	1.29E-03	1.48E-04	0.00E+00	3.62E-06	1.41E-06	1.53E-04	1.89E-04	8.07E-04	2.71E-04	5.16E-05	1.32E-03
4270	471363.09, 3856877.25	0.00879	0.00636	0.00308	0.00342	3.55E-05	1.90E-04	1.96E-05	1.08E-05	2.56E-04	3.23E-05	0.00E+00	2.62E-07	2.94E-07	3.29E-05	4.11E-05	1.90E-04	1.96E-05	1.08E-05	2.61E-04
4271	471863.09, 3856877.25	0.00917	0.00648	0.00315	0.00355	3.71E-05	1.93E-04	2.01E-05	1.12E-05	2.62E-04	3.37E-05	0.00E+00	2.68E-07	3.06E-07	3.43E-05	4.29E-05	1.93E-04	2.01E-05	1.12E-05	2.68E-04
4272	472363.09, 3856877.25	0.00985	0.00692	0.00327	0.00373	3.98E-05	2.06E-04	2.09E-05	1.18E-05	2.79E-04	3.62E-05	0.00E+00	2.78E-07	3.21E-07	3.68E-05	4.61E-05	2.06E-04	2.09E-05	1.18E-05	2.85E-04
4273	472863.09, 3856877.25	0.01057	0.00737	0.00339	0.00392	4.27E-05	2.20E-04	2.16E-05	1.24E-05	2.97E-04	3.89E-05	0.00E+00	2.88E-07	3.38E-07	3.95E-05	4.94E-05	2.20E-04	2.16E-05	1.24E-05	3.03E-04
4274	473363.09, 3856877.25	0.01173	0.00838	0.00356	0.00417	4.74E-05	2.50E-04	2.27E-05	1.32E-05	3.33E-04	4.31E-05	0.00E+00	3.03E-07	3.59E-07	4.38E-05	5.49E-05	2.50E-04	2.27E-05	1.32E-05	3.41E-04
4275	473863.09, 3856877.25	0.01258	0.00892	0.00369	0.00439	5.09E-05	2.66E-04	2.35E-05	1.39E-05	3.54E-04	4.63E-05	0.00E+00	3.14E-07	3.78E-07	4.69E-05	5.88E-05	2.66E-04	2.35E-05	1.39E-05	3.62E-04
4276	474363.09, 3856877.25	0.01272	0.00846	0.0038	0.00453	5.14E-05	2.52E-04	2.42E-05	1.43E-05	3.42E-04	4.68E-05	0.00E+00	3.23E-07	3.90E-07	4.75E-05	5.95E-05	2.52E-04	2.42E-05	1.43E-05	3.50E-04
4277	474863.09, 3856877.25	0.01241	0.00777	0.00428	0.00484	5.02E-05	2.32E-04	2.73E-05	1.53E-05	3.25E-04	4.56E-05	0.00E+00	3.64E-07	4.17E-07	4.64E-05	5.80E-05	2.32E-04	2.73E-05	1.53E-05	3.32E-04
4278	475363.09, 3856877.25	0.011	0.00679	0.00392	0.00475	4.45E-05	2.03E-04	2.50E-05	1.50E-05	2.87E-04	4.04E-05	0.00E+00	3.33E-07	4.09E-07	4.12E-05	5.14E-05	2.03E-04	2.50E-05	1.50E-05	2.94E-04
4279	475863.09, 3856877.25	0.01118	0.0069	0.00402	0.00492	4.52E-05	2.06E-04	2.56E-05	1.55E-05	2.92E-04	4.11E-05	0.00E+00	3.42E-07	4.24E-07	4.19E-05	5.23E-05	2.06E-04	2.56E-05	1.55E-05	2.99E-04
4280	476363.09, 3856877.25	0.00983	0.00641	0.00392	0.00494	3.97E-05	1.91E-04	2.50E-05	1.56E-05	2.72E-04	3.61E-05	0.00E+00	3.33E-07	4.25E-07	3.69E-05	4.60E-05	1.91E-04	2.50E-05	1.56E-05	2.78E-04
4281	476863.09, 3856877.25	0.00952	0.00644	0.00385	0.00514	3.85E-05	1.92E-04	2.46E-05	1.62E-05	2.71E-04	3.50E-05	0.00E+00	3.27E-07	4.43E-07	3.58E-05	4.45E-05	1.92E-04	2.46E-05	1.62E-05	2.77E-04
4282	477363.09, 3856877.25	0.00846	0.00616	0.00387	0.00531	3.42E-05	1.84E-04	2.47E-05	1.68E-05	2.59E-04	3.11E-05	0.00E+00	3.29E-07	4.57E-07	3.19E-05	3.96E-05	1.84E-04	2.47E-05	1.68E-05	2.65E-04
4283	477863.09, 3856877.25	0.00579	0.00519	0.00379	0.00549	2.34E-05	1.55E-04	2.42E-05	1.73E-05	2.20E-04	2.13E-05	0.00E+00	3.22E-07	4.73E-07	2.21E-05	2.71E-05	1.55E-04	2.42E-05	1.73E-05	2.23E-04
4284	478363.09, 3856877.25	0.00521	0.00505	0.00398	0.00576	2.11E-05	1.51E-04	2.54E-05	1.82E-05	2.15E-04	1.92E-05	0.00E+00	3.38E-07	4.96E-07	2.00E-05	2.44E-05	1.51E-04	2.54E-05	1.82E-05	2.19E-04
4285	478863.09, 3856877.25	0.00676	0.00599	0.0044	0.00619	2.73E-05	1.79E-04	2.81E-05	1.95E-05	2.54E-04	2.49E-05	0.00E+00	3.74E-07	5.33E-07	2.58E-05	3.16E-05	1.79E-04	2.81E-05	1.95E-05	2.58E-04
4286	479363.09, 3856877.25	0.00934	0.00738	0.00479	0.00669	3.78E-05	2.20E-04	3.06E-05	2.11E-05	3.10E-04	3.43E-05	0.00E+00	4.07E-07	5.76E-07	3.53E-05	4.37E-05	2.20E-04	3.06E-05	2.11E-05	3.16E-04
4287	479863.09, 3856877.25	0.02554	0.01358	0.00851	0.00868	1.03E-04	4.05E-04	5.43E-05	2.74E-05	5.90E-04	9.39E-05	0.00E+00	7.24E-07	7.47E-07	9.54E-05	1.19E-04	4.05E-04	5.43E-05	2.74E-05	6.06E-04
4288	480363.09, 3856877.25	0.04184	0.02087	0.00976	0.01052	1.69E-04	6.23E-04	6.23E-05	3.32E-05	8.87E-04	1.54E-04	0.00E+00	8.30E-07	9.06E-07	1.56E-04	1.96E-04	6.23E-04	6.23E-05	3.32E-05	9.14E-04
4289	480863.09, 3856877.25	0.05691	0.03286	0.00774	0.01026	2.30E-04	9.80E-04	4.94E-05	3.24E-05	1.29E-03	2.09E-04	0.00E+00	6.58E-07	8.83E-07	2.11E-04	2.66E-04	9.80E-04	4.94E-05	3.24E-05	1.33E-03
4290	481363.09, 3856877.25	0.07154	0.05024	0.00773	0.01075	2.89E-04	1.50E-03	4.93E-05	3.39E-05	1.87E-03	2.63E-04	0.00E+00	6.57E-07	9.26E-07	2.65E-04	3.35E-04	1.50E-03	4.93E-05	3.39E-05	1.92E-03
4291	481863.09, 3856877.25	0.08597	0.07027	0.00833	0.01224	3.48E-04	2.10E-03	5.31E-05	3.86E-05	2.54E-03	3.16E-04	0.00E+00	7.08E-07	1.05E-06	3.18E-04	4.02E-04	2.10E-03	5.31E-05	3.86E-05	2.59E-03
4292	482363.09, 3856877.25	0.09681	0.13812	0.0092	0.01403	3.91E-04	4.12E-03	5.87E-05	4.43E-05	4.61E-03	3.56E-04	0.00E+00	7.82E-07	1.21E-06	3.58E-04	4.53E-04	4.12E-03	5.87E-05	4.43E-05	4.68E-03
4293	482863.09, 3856877.25	0.11515	0.21511	0.01009	0.01762	4.65E-04	6.42E-03	6.44E-05	5.56E-05	7.00E-03	4.23E-04	0.00E+00	8.58E-07	1.52E-06	4.26E-04	5.39E-04	6.42E-03	6.44E-05	5.56E-05	7.08E-03
4294	483363.09, 3856877.25	0.14394	0.40778	0.01114	0.0268	5.82E-04	1.22E-02	7.11E-05	8.46E-05	1.29E-02	5.29E-04	0.00E+00	9.47E-07	2.31E-06	5.32E-04	6.73E-04	1.22E-02	7.11E-05	8.46E-05	1.30E-02
4295	483863.09, 3856877.25	0.18599	1.68053	0.0122	0.03874	7.52E-04	5.01E-02	7.78E-05	1.22E-04	5.11E-02	6.84E-04	0.00E+00	1.04E-06	3.34E-06	6.88E-04	8.70E-04	5.01E-02	7.78E-05	1.22E-04	5.12E-02
4296	484363.09, 3856877.25	0.24428	2.17827	0.01313	0.0626	9.87E-04	6.50E-02	8.38E-05	1.98E-04	6.63E-02	8.98E-04	0.00E+00	1.12E-06	5.39E-06	9.05E-04	1.14E-03	6.50E-02	8.38E-05	1.98E-04	6.64E-02
4297	484863.09, 3856877.25	0.32045	2.56153	0.01353	0.0798	1.30E-03	7.64E-02	8.63E-05	2.52E-04	7.81E-02	1.18E-03	0.00E+00	1.15E-06	6.87E-06	1.19E-03	1.50E-03	7.64E-02	8.63E-05	2.52E-04	7.83E-02
4298	485363.09, 3856877.25	0.46618	1.08806	0.01317	0.09757	1.88E-03	3.25E-02	8.40E-05	3.08E-04	3.47E-02	1.71E-03	0.00E+00	1.12E-06	8.40E-06	1.72E-03	2.18E-03	3.25E-02	8.40E-05	3.08E-04	3.50E-02
4299	485863.09, 3856877.25	0.78904	0.65356	0.0118	0.06298	3.19E-03	1.95E-02	7.53E-05	1.99E-04	2.30E-02	2.90E-03	0.00E+00	1.00E-06	5.42E-06	2.91E-03	3.69E-03	1.95E-02	7.53E-05	1.99E-04	2.35E-02
4300	486363.09, 3856877.25	2.72006	0.33933	0.01169	0.04843	1.10E-02	1.01E-02	7.46E-05	1.53E-04	2.13E-02	1.00E-02	0.00E+00	9.94E-07	4.17E-06	1.00E-02	1.27E-02	1.01E-02	7.46E-05	1.53E-04	2.31E-02
4301	486863.09, 3856877.25	10.23729	0.29031	0.01394	0.03903	4.14E-02	8.66E-03	8.89E-05	1.23E-04	5.03E-02	3.76E-02	0.00E+00	1.19E-06	3.36E-06	3.76E-02	4.79E-02	8.66E-03	8.89E-05	1.23E-04	5.67E-02
4302	487363.09, 3856877.25	2.74537	0.25947	0.01897	0.03347	1.11E-02	7.74E-03	1.21E-04	1.06E-04	1.91E-02	1.01E-02	0.00E+00	1.61E-06	2.88E-06	1.01E-02	1.28E-02	7.74E-03	1.21E-04	1.06E-04	2.08E-02
4303	487863.09, 3856877.25	1.50781	0.23413	0.02847	0.03029	6.09E-03	6.98E-03	1.82E-04	9.56E-05	1.34E-02	5.54E-03	0.00E+00	2.42E-06	2.61E-06	5.55E-03	7.05E-03	6.98E-03	1.82E-04	9.56E-05	1.43E-02

4304	488363.09, 3856877.25	0.99555	0.21317	0.02582	0.02808	4.02E-03	6.36E-03	1.65E-04	8.87E-05	1.06E-02	3.66E-03	0.00E+00	2.20E-06	2.42E-06	3.66E-03	4.66E-03	6.36E-03	1.65E-04	8.87E-05	1.13E-02
4305	488863.09, 3856877.25	0.73264	0.19198	0.03356	0.02743	2.96E-03	5.73E-03	2.14E-04	8.66E-05	8.99E-03	2.69E-03	0.00E+00	2.85E-06	2.36E-06	2.70E-03	3.43E-03	5.73E-03	2.14E-04	8.66E-05	9.45E-03
4306	489363.09, 3856877.25	0.57218	0.17629	0.0672	0.02731	2.31E-03	5.26E-03	4.29E-04	8.62E-05	8.09E-03	2.10E-03	0.00E+00	5.72E-06	2.35E-06	2.11E-03	2.68E-03	5.26E-03	4.29E-04	8.62E-05	8.45E-03
4307	489863.09, 3856877.25	0.46613	0.16099	0.09233	0.02663	1.88E-03	4.80E-03	5.89E-04	8.41E-05	7.36E-03	1.71E-03	0.00E+00	7.85E-06	2.29E-06	1.72E-03	2.18E-03	4.80E-03	5.89E-04	8.41E-05	7.66E-03
4308	490363.09, 3856877.25	0.3898	0.14532	0.10963	0.0263	1.58E-03	4.34E-03	6.99E-04	8.30E-05	6.69E-03	1.43E-03	0.00E+00	9.32E-06	2.26E-06	1.44E-03	1.82E-03	4.34E-03	6.99E-04	8.30E-05	6.94E-03
4309	490863.09, 3856877.25	0.33148	0.1326	0.11577	0.02649	1.34E-03	3.96E-03	7.38E-04	8.36E-05	6.12E-03	1.22E-03	0.00E+00	9.85E-06	2.28E-06	1.23E-03	1.55E-03	3.96E-03	7.38E-04	8.36E-05	6.33E-03
4310	491363.09, 3856877.25	0.28623	0.12161	0.11416	0.02685	1.16E-03	3.63E-03	7.28E-04	8.48E-05	5.60E-03	1.05E-03	0.00E+00	9.71E-06	2.31E-06	1.06E-03	1.34E-03	3.63E-03	7.28E-04	8.48E-05	5.78E-03
4311	491863.09, 3856877.25	0.24895	0.11072	0.11201	0.02684	1.01E-03	3.30E-03	7.14E-04	8.47E-05	5.11E-03	9.15E-04	0.00E+00	9.53E-06	2.31E-06	9.27E-04	1.16E-03	3.30E-03	7.14E-04	8.47E-05	5.27E-03
4312	492363.09, 3856877.25	0.20385	0.08634	0.11333	0.02641	8.24E-04	2.58E-03	7.23E-04	8.34E-05	4.21E-03	7.49E-04	0.00E+00	9.64E-06	2.27E-06	7.61E-04	9.53E-04	2.58E-03	7.23E-04	8.34E-05	4.34E-03
4313	492863.09, 3856877.25	0.15786	0.06974	0.1041	0.0245	6.38E-04	2.08E-03	6.64E-04	7.74E-05	3.46E-03	5.80E-04	0.00E+00	8.85E-06	2.11E-06	5.91E-04	7.38E-04	2.08E-03	6.64E-04	7.74E-05	3.56E-03
4314	493363.09, 3856877.25	0.11096	0.05445	0.08559	0.02216	4.49E-04	1.62E-03	5.46E-04	7.00E-05	2.69E-03	4.08E-04	0.00E+00	7.28E-06	1.91E-06	4.17E-04	5.19E-04	1.62E-03	5.46E-04	7.00E-05	2.76E-03
4315	493863.09, 3856877.25	0.07288	0.04127	0.07101	0.02041	2.95E-04	1.23E-03	4.53E-04	6.44E-05	2.04E-03	2.68E-04	0.00E+00	6.04E-06	1.76E-06	2.76E-04	3.41E-04	1.23E-03	4.53E-04	6.44E-05	2.09E-03
4316	494363.09, 3856877.25	0.05007	0.03253	0.06187	0.01923	2.02E-04	9.70E-04	3.95E-04	6.07E-05	1.63E-03	1.84E-04	0.00E+00	5.26E-06	1.66E-06	1.91E-04	2.34E-04	9.70E-04	3.95E-04	6.07E-05	1.66E-03
4317	494863.09, 3856877.25	0.04082	0.02855	0.05584	0.01843	1.65E-04	8.52E-04	3.56E-04	5.82E-05	1.43E-03	1.50E-04	0.00E+00	4.75E-06	1.59E-06	1.56E-04	1.91E-04	8.52E-04	3.56E-04	5.82E-05	1.46E-03
4318	495363.09, 3856877.25	0.03571	0.02624	0.05097	0.01775	1.44E-04	7.83E-04	3.25E-04	5.60E-05	1.31E-03	1.31E-04	0.00E+00	4.33E-06	1.53E-06	1.37E-04	1.67E-04	7.83E-04	3.25E-04	5.60E-05	1.33E-03
4319	495863.09, 3856877.25	0.03401	0.02568	0.04816	0.01738	1.37E-04	7.66E-04	3.07E-04	5.49E-05	1.27E-03	1.25E-04	0.00E+00	4.10E-06	1.50E-06	1.31E-04	1.59E-04	7.66E-04	3.07E-04	5.49E-05	1.29E-03
4320	496363.09, 3856877.25	0.03298	0.02541	0.04548	0.01707	1.33E-04	7.58E-04	2.90E-04	5.39E-05	1.24E-03	1.21E-04	0.00E+00	3.87E-06	1.47E-06	1.27E-04	1.54E-04	7.58E-04	2.90E-04	5.39E-05	1.26E-03
4321	496863.09, 3856877.25	0.03314	0.02582	0.0446	0.01698	1.34E-04	7.70E-04	2.84E-04	5.36E-05	1.24E-03	1.22E-04	0.00E+00	3.79E-06	1.46E-06	1.27E-04	1.55E-04	7.70E-04	2.84E-04	5.36E-05	1.26E-03
4322	497363.09, 3856877.25	0.03467	0.02684	0.04333	0.01693	1.40E-04	8.01E-04	2.76E-04	5.35E-05	1.27E-03	1.27E-04	0.00E+00	3.69E-06	1.46E-06	1.33E-04	1.62E-04	8.01E-04	2.76E-04	5.35E-05	1.29E-03
4323	497863.09, 3856877.25	0.03895	0.02931	0.04322	0.01698	1.57E-04	8.74E-04	2.76E-04	5.36E-05	1.36E-03	1.43E-04	0.00E+00	3.68E-06	1.46E-06	1.48E-04	1.82E-04	8.74E-04	2.76E-04	5.36E-05	1.39E-03
4324	498363.09, 3856877.25	0.04417	0.03234	0.04374	0.01705	1.79E-04	9.65E-04	2.79E-04	5.38E-05	1.48E-03	1.62E-04	0.00E+00	3.72E-06	1.47E-06	1.68E-04	2.07E-04	9.65E-04	2.79E-04	5.38E-05	1.50E-03
4325	471363.09, 3857377.25	0.009	0.00645	0.0035	0.00348	3.64E-05	1.92E-04	2.23E-05	1.10E-05	2.62E-04	3.31E-05	0.00E+00	2.98E-07	3.00E-07	3.37E-05	4.21E-05	1.92E-04	2.23E-05	1.10E-05	2.68E-04
4326	471863.09, 3857377.25	0.00933	0.00655	0.00358	0.00359	3.77E-05	1.95E-04	2.28E-05	1.13E-05	2.67E-04	3.43E-05	0.00E+00	3.04E-07	3.09E-07	3.49E-05	4.36E-05	1.95E-04	2.28E-05	1.13E-05	2.73E-04
4327	472363.09, 3857377.25	0.00988	0.00692	0.00369	0.00374	3.99E-05	2.06E-04	2.35E-05	1.18E-05	2.82E-04	3.63E-05	0.00E+00	3.14E-07	3.22E-07	3.70E-05	4.62E-05	2.06E-04	2.35E-05	1.18E-05	2.88E-04
4328	472863.09, 3857377.25	0.01059	0.00744	0.00382	0.00392	4.28E-05	2.22E-04	2.44E-05	1.24E-05	3.02E-04	3.89E-05	0.00E+00	3.25E-07	3.38E-07	3.96E-05	4.95E-05	2.22E-04	2.44E-05	1.24E-05	3.08E-04
4329	473363.09, 3857377.25	0.01151	0.0082	0.00396	0.00412	4.65E-05	2.45E-04	2.53E-05	1.30E-05	3.29E-04	4.23E-05	0.00E+00	3.37E-07	3.55E-07	4.30E-05	5.38E-05	2.45E-04	2.53E-05	1.30E-05	3.37E-04
4330	473863.09, 3857377.25	0.01259	0.00923	0.00407	0.00432	5.09E-05	2.75E-04	2.60E-05	1.36E-05	3.66E-04	4.63E-05	0.00E+00	3.46E-07	3.72E-07	4.70E-05	5.89E-05	2.75E-04	2.60E-05	1.36E-05	3.74E-04
4331	474363.09, 3857377.25	0.01244	0.00834	0.00417	0.00439	5.03E-05	2.49E-04	2.66E-05	1.39E-05	3.40E-04	4.57E-05	0.00E+00	3.55E-07	3.78E-07	4.65E-05	5.82E-05	2.49E-04	2.66E-05	1.39E-05	3.47E-04
4332	474863.09, 3857377.25	0.01014	0.00633	0.00405	0.00431	4.10E-05	1.89E-04	2.58E-05	1.36E-05	2.69E-04	3.73E-05	0.00E+00	3.44E-07	3.71E-07	3.80E-05	4.74E-05	1.89E-04	2.58E-05	1.36E-05	2.76E-04
4333	475363.09, 3857377.25	0.00712	0.00496	0.00337	0.00411	2.88E-05	1.48E-04	2.15E-05	1.30E-05	2.11E-04	2.62E-05	0.00E+00	2.87E-07	3.54E-07	2.68E-05	3.33E-05	1.48E-04	2.15E-05	1.30E-05	2.16E-04
4334	475863.09, 3857377.25	0.00663	0.00487	0.00341	0.00427	2.68E-05	1.45E-04	2.18E-05	1.35E-05	2.07E-04	2.44E-05	0.00E+00	2.90E-07	3.68E-07	2.50E-05	3.10E-05	1.45E-04	2.18E-05	1.35E-05	2.12E-04
4335	476363.09, 3857377.25	0.00888	0.00593	0.00391	0.00462	3.59E-05	1.77E-04	2.49E-05	1.46E-05	2.52E-04	3.26E-05	0.00E+00	3.33E-07	3.98E-07	3.34E-05	4.15E-05	1.77E-04	2.49E-05	1.46E-05	2.58E-04
4336	476863.09, 3857377.25	0.0095	0.00636	0.00395	0.00487	3.84E-05	1.90E-04	2.52E-05	1.54E-05	2.69E-04	3.49E-05	0.00E+00	3.36E-07	4.19E-07	3.57E-05	4.44E-05	1.90E-04	2.52E-05	1.54E-05	2.75E-04
4337	477363.09, 3857377.25	0.0084	0.00598	0.00392	0.00506	3.40E-05	1.78E-04	2.50E-05	1.60E-05	2.53E-04	3.09E-05	0.00E+00	3.33E-07	4.36E-07	3.17E-05	3.93E-05	1.78E-04	2.50E-05	1.60E-05	2.59E-04
4338	477863.09, 3857377.25	0.00628	0.00526	0.00375	0.00526	2.54E-05	1.57E-04	2.39E-05	1.66E-05	2.23E-04	2.31E-05	0.00E+00	3.19E-07	4.53E-07	2.39E-05	2.94E-05	1.57E-04	2.39E-05	1.66E-05	2.27E-04
4339	478363.09, 3857377.25	0.00476	0.00474	0.00385	0.00555	1.92E-05	1.41E-04	2.46E-05	1.75E-05	2.03E-04	1.75E-05	0.00E+00	3.27E-07	4.78E-07	1.83E-05	2.23E-05	1.41E-04	2.46E-05	1.75E-05	2.06E-04
4340	478863.09, 3857377.25	0.00406	0.00454	0.00392	0.00587	1.64E-05	1.35E-04	2.50E-05	1.85E-05	1.95E-04	1.49E-05	0.00E+00	3.33E-07	5.05E-07	1.58E-05	1.90E-05	1.35E-04	2.50E-05	1.85E-05	1.98E-04
4341	479363.09, 3857377.25	0.00679	0.00617	0.00439	0.00649	2.74E-05	1.84E-04	2.80E-05	2.05E-05	2.60E-04	2.50E-05	0.00E+00	3.73E-07	5.59E-07	2.59E-05	3.18E-05	1.84E-04	2.80E-05	2.05E-05	2.64E-04
4342	479863.09, 3857377.25	0.02076	0.01184	0.00658	0.00825	8.39E-05	3.53E-04	4.20E-05	2.60E-05	5.05E-04	7.63E-05	0.00E+00	5.60E-07	7.10E-07	7.76E-05	9.71E-05	3.53E-04	4.20E-05	2.60E-05	5.18E-04
4343	480363.09, 3857377.25	0.01698	0.01088	0.00595	0.00824	6.86E-05	3.25E-04	3.80E-05	2.60E-05	4.57E-04	6.24E-05	0.00E+00	5.06E-07	7.10E-07	6.36E-05	7.94E-05	3.25E-04	3.80E-05	2.60E-05	4.68E-04
4344	480863.09, 3857377.25	0.05642	0.03312	0.00724	0.01032	2.28E-04	9.88E-04	4.62E-05	3.26E-05	1.29E-03	2.07E-04	0.00E+00	6.16E-07	8.89E-07	2.09E-04	2.64E-04	9.88E-04	4.62E-05	3.26E-05	1.33E-03
4345	481363.09, 3857377.25	0.06426	0.03692	0.00756	0.01091	2.60E-04	1.10E-03	4.82E-05	3.44E-05	1.44E-03	2.36E-04	0.00E+00	6.43E-07	9.39E-07	2.38E-04	3.01E-04	1.10E-03	4.82E-05	3.44E-05	1.48E-03
4346	481863.09, 3857377.25	0.07774	0.05535	0.00761	0.01185	3.14E-04	1.65E-03	4.85E-05	3.74E-05	2.05E-03	2.86E-04	0.00E+00	6.47E-07	1.02E-06	2.87E-04	3.64E-04	1.65E-03	4.85E-05	3.74E-05	2.10E-03
4347	482363.09, 3857377.25	0.08874	0.10995	0.00798	0.01255	3.59E-04	3.28E-03	5.09E-05	3.96E-05	3.73E-03	3.26E-04	0.00E+00	6.79E-07	1.08E-06	3.28E-04	4.15E-04	3.28E-03	5.09E-05	3.96E-05	3.79E-03
4348	482863.09, 3857377.25	0.10147	0.16035	0.00882	0.01491	4.10E-04	4.78E-03	5.63E-05	4.71E-05	5.30E-03	3.73E-04	0.00E+00	7.50E-07	1.28E-06	3.75E-04	4.75E-04	4.78E-03	5.63E-05	4.71E-05	5.36E-03
4349	483363.09, 3857377.25	0.12175	0.22753	0.00981	0.0185	4.92E-04	6.79E-03	6.26E-05	5.84E-05	7.40E-03	4.48E-04	0.00E+00	8.34E-07	1.59E-06	4.50E-04	5.69E-04	6.79E-03	6.26E-05	5.84E-05	7.48E-03
4350	483863.09, 3857377.25	0.14859	0.33981	0.01112	0.0217	6.01E-04	1.01E-02	7.09E-05	6.85E-05	1.09E-02	5.46E-04	0.00E+00	9.46E-07	1.87E-06	5.49E-04	6.95E-04	1.01E-02	7.09E-05	6.85E-05	1.10E-02
4351	484363.09, 3857377.25	0.18133	0.54735	0.01275	0.02071	7.33E-04	1.63E-02	8.13E-05	6.54E-05	1.72E-02	6.67E-04	0.00E+00	1.08E-06	1.78E-06	6.70E-04	8.48E-04	1.63E-02	8.13E-05	6.54E-05	1.73E-02
4352	484863.09, 3857377.25	0.2214	0.98122	0.01482	0.02152	8.95E-04	2.93E-02	9.45E-05	6.79E-05	3.03E-02	8.14E-04	0.00E+00	1.26E-06	1.85E-06	8.17E-04	1.04E-03	2.93E-02	9.45E-05	6.79E-05	3.05E-02
4353	485363.09, 3857377.25	0.27526	2.39719	0.01718	0.02244	1.11E-03	7.15E-02	1.10E-04	7.09E-05	7.28E-02	1.01E-03	0.00E+00	1.46E-06	1.93E-06	1.02E-03	1.29E-03	7.15E-02	1.10E-04	7.09E-05	7.30E-02
4354	485863.09, 3857377.25	0.35559	1.38408	0.01955	0.02428	1.44E-03	4.13E-02	1.25E-04	7.67E-05	4.29E-02	1.31E-03	0.00E+00	1.66E-06	2.09E-06	1.31E-03	1.66E-03	4.13E-02	1.25E-04	7.67E-05	4.32E-02
4355	486363.09, 3857377.25	0.53184	0.61542	0.02193	0.02529	2.15E-03	1.84E-02	1.40E-04	7.98E-05	2.07E-02	1.96E-03	0.00E+00	1.87E-06	2.18E-06	1.96E-03	2.49E-03	1.84E-02	1.40E-04	7.98E-05	2.11E-02
4356	486863.09, 3857377.25	0.81314	0.35468	0.02254	0.02606	3.29E-03	1.06E-02	1.44E-04	8.23E-05	1.41E-02	2.99E-03	0.00E+00	1.92E-06	2.24E-06	2.99E-03	3.80E-03	1.06E-02	1.44E-04	8.23E-05	1.46E-02
4357	487363.09, 3857377.25	0.84351	0.31342	0.02983	0.02667	3.41E-03	9.35E-03	1.90E-04	8.42E-05	1.30E-02	3.10E-03	0.00E+00	2.54E-06	2.30E-06	3.11E-03	3.94E-03	9.35E-03	1.90E-04	8.42E-05	1.36E-02
4358	487863.09, 3857377.25	0.71923	0.2883	0.05396	0.02869	2.91E-03	8.60E-03	3.44E-04	9.06E-05	1.19E-02	2.64E-03	0.00E+00	4.59E-06	2.47E-06	2.65E-03	3.36E-03	8.60E-03	3.44E-04	9.06E-05	1.24E-02
4359	488363.09, 3857377.25	0.59167	0.26124	0.05984	0.02911	2.39E-03	7.79E-03	3.82E-04	9.19E-05	1.07E-02	2.18E-03	0.00E+00	5.09E-06	2.51E-06	2.18E-03	2.77E-03	7.79E-03	3.82E-04	9.19E-05	1.10E-02
4360	488863.09, 3857377.25	0.48903	0.23845	0.19765	0.02972	1.98E-03	7.11E-03	1.26E-03	9.38E-05	1.04E-02	1.80E-03	0.00E+00	1.68E-05	2.56E-06	1.82E-03	2.29E-03	7.11E-03	1.26E-03	9.38E-05	1.08E-02
4361	489363.09, 3857377.25	0.41285	0.218	0.27356	0.02971	1.67E-03	6.50E-03	1.74E-03	9.38E-05	1.00E-02	1.52E-03	0.00E+00	2.33E-05	2.56E-06	1.54E-03	1.93E-03	6.50E-03	1.74E-03	9.38E-05	1.03E-02
4362	489863.09, 3857377.25	0.35672	0.19669	0.24669	0.02954	1.44E-03	5.87E-03	1.57E-03	9.33E-05	8.98E-03	1.31E-03	0.00E+00	2.10E-05	2.54E-06	1.34E-03	1.67E-03	5.87E-03	1.57E-03	9.33E-05	9.20E-03

4363	490363.09, 3857377.25	0.3109	0.17753	0.21443	0.02963	1.26E-03	5.30E-03	1.37E-03	9.36E-05	8.01E-03	1.14E-03	0.00E+00	1.82E-05	2.55E-06	1.16E-03	1.45E-03	5.30E-03	1.37E-03	9.36E-05	8.21E-03
4364	490863.09, 3857377.25	0.27302	0.16234	0.19114	0.02994	1.10E-03	4.84E-03	1.22E-03	9.45E-05	7.26E-03	1.00E-03	0.00E+00	1.63E-05	2.58E-06	1.02E-03	1.28E-03	4.84E-03	1.22E-03	9.45E-05	7.43E-03
4365	491363.09, 3857377.25	0.24161	0.14999	0.1721	0.02975	9.77E-04	4.47E-03	1.10E-03	9.39E-05	6.64E-03	8.88E-04	0.00E+00	1.46E-05	2.56E-06	9.05E-04	1.13E-03	4.47E-03	1.10E-03	9.39E-05	6.80E-03
4366	491863.09, 3857377.25	0.21387	0.13084	0.15828	0.02994	8.65E-04	3.90E-03	1.01E-03	9.45E-05	5.87E-03	7.86E-04	0.00E+00	1.35E-05	2.58E-06	8.02E-04	1.00E-03	3.90E-03	1.01E-03	9.45E-05	6.01E-03
4367	492363.09, 3857377.25	0.17002	0.09412	0.14796	0.02958	6.87E-04	2.81E-03	9.44E-04	9.34E-05	4.53E-03	6.25E-04	0.00E+00	1.26E-05	2.55E-06	6.40E-04	7.95E-04	2.81E-03	9.44E-04	9.34E-05	4.64E-03
4368	492863.09, 3857377.25	0.11692	0.06945	0.11213	0.02573	4.73E-04	2.07E-03	7.15E-04	8.12E-05	3.34E-03	4.30E-04	0.00E+00	9.54E-06	2.22E-06	4.42E-04	5.47E-04	2.07E-03	7.15E-04	8.12E-05	3.42E-03
4369	493363.09, 3857377.25	0.07776	0.05239	0.08414	0.02309	3.14E-04	1.56E-03	5.37E-04	7.29E-05	2.49E-03	2.86E-04	0.00E+00	7.16E-06	1.99E-06	2.95E-04	3.64E-04	1.56E-03	5.37E-04	7.29E-05	2.54E-03
4370	493863.09, 3857377.25	0.06257	0.04555	0.0721	0.022	2.53E-04	1.36E-03	4.60E-04	6.95E-05	2.14E-03	2.30E-04	0.00E+00	6.13E-06	1.89E-06	2.38E-04	2.93E-04	1.36E-03	4.60E-04	6.95E-05	2.18E-03
4371	494363.09, 3857377.25	0.04921	0.0389	0.06237	0.02087	1.99E-04	1.16E-03	3.98E-04	6.59E-05	1.82E-03	1.81E-04	0.00E+00	5.30E-06	1.80E-06	1.88E-04	2.30E-04	1.16E-03	3.98E-04	6.59E-05	1.85E-03
4372	494863.09, 3857377.25	0.04313	0.03563	0.05607	0.02007	1.74E-04	1.06E-03	3.58E-04	6.34E-05	1.66E-03	1.59E-04	0.00E+00	4.77E-06	1.73E-06	1.65E-04	2.02E-04	1.06E-03	3.58E-04	6.34E-05	1.69E-03
4373	495363.09, 3857377.25	0.03869	0.03301	0.0511	0.0193	1.56E-04	9.85E-04	3.26E-04	6.09E-05	1.53E-03	1.42E-04	0.00E+00	4.35E-06	1.66E-06	1.48E-04	1.81E-04	9.85E-04	3.26E-04	6.09E-05	1.55E-03
4374	495863.09, 3857377.25	0.03702	0.03196	0.04784	0.0188	1.50E-04	9.53E-04	3.05E-04	5.94E-05	1.47E-03	1.36E-04	0.00E+00	4.07E-06	1.62E-06	1.42E-04	1.73E-04	9.53E-04	3.05E-04	5.94E-05	1.49E-03
4375	496363.09, 3857377.25	0.03615	0.03132	0.04484	0.01826	1.46E-04	9.34E-04	2.86E-04	5.77E-05	1.42E-03	1.33E-04	0.00E+00	3.81E-06	1.57E-06	1.38E-04	1.69E-04	9.34E-04	2.86E-04	5.77E-05	1.45E-03
4376	496863.09, 3857377.25	0.03574	0.03097	0.04265	0.01781	1.44E-04	9.24E-04	2.72E-04	5.62E-05	1.40E-03	1.31E-04	0.00E+00	3.63E-06	1.53E-06	1.37E-04	1.67E-04	9.24E-04	2.72E-04	5.62E-05	1.42E-03
4377	497363.09, 3857377.25	0.0375	0.03189	0.04165	0.01759	1.52E-04	9.51E-04	2.66E-04	5.55E-05	1.42E-03	1.38E-04	0.00E+00	3.54E-06	1.51E-06	1.43E-04	1.75E-04	9.51E-04	2.66E-04	5.55E-05	1.45E-03
4378	497863.09, 3857377.25	0.04045	0.03363	0.04115	0.01746	1.64E-04	1.00E-03	2.62E-04	5.51E-05	1.48E-03	1.49E-04	0.00E+00	3.50E-06	1.50E-06	1.54E-04	1.89E-04	1.00E-03	2.62E-04	5.51E-05	1.51E-03
4379	498363.09, 3857377.25	0.04936	0.03923	0.04307	0.0178	2.00E-04	1.17E-03	2.75E-04	5.62E-05	1.70E-03	1.81E-04	0.00E+00	3.66E-06	1.53E-06	1.87E-04	2.31E-04	1.17E-03	2.75E-04	5.62E-05	1.73E-03
4380	471363.09, 3857877.25	0.00935	0.00669	0.00341	0.00337	3.78E-05	2.00E-04	2.18E-05	1.06E-05	2.70E-04	3.44E-05	0.00E+00	2.90E-07	2.90E-07	3.50E-05	4.37E-05	2.00E-04	2.18E-05	1.06E-05	2.76E-04
4381	471863.09, 3857877.25	0.00975	0.00684	0.00351	0.00348	3.94E-05	2.04E-04	2.24E-05	1.10E-05	2.77E-04	3.58E-05	0.00E+00	2.99E-07	3.00E-07	3.64E-05	4.56E-05	2.04E-04	2.24E-05	1.10E-05	2.83E-04
4382	472363.09, 3857877.25	0.0103	0.00719	0.00364	0.00362	4.16E-05	2.15E-04	2.32E-05	1.14E-05	2.91E-04	3.79E-05	0.00E+00	3.10E-07	3.12E-07	3.85E-05	4.82E-05	2.15E-04	2.32E-05	1.14E-05	2.97E-04
4383	472863.09, 3857877.25	0.01113	0.00792	0.00377	0.0038	4.50E-05	2.36E-04	2.40E-05	1.20E-05	3.17E-04	4.09E-05	0.00E+00	3.21E-07	3.27E-07	4.16E-05	5.21E-05	2.36E-04	2.40E-05	1.20E-05	3.24E-04
4384	473363.09, 3857877.25	0.01181	0.00836	0.0039	0.00396	4.77E-05	2.49E-04	2.49E-05	1.25E-05	3.35E-04	4.34E-05	0.00E+00	3.32E-07	3.41E-07	4.41E-05	5.52E-05	2.49E-04	2.49E-05	1.25E-05	3.42E-04
4385	473863.09, 3857877.25	0.01275	0.00919	0.00403	0.00416	5.15E-05	2.74E-04	2.57E-05	1.31E-05	3.65E-04	4.69E-05	0.00E+00	3.43E-07	3.58E-07	4.76E-05	5.96E-05	2.74E-04	2.57E-05	1.31E-05	3.73E-04
4386	474363.09, 3857877.25	0.01241	0.00795	0.00447	0.00464	5.02E-05	2.37E-04	2.85E-05	1.47E-05	3.31E-04	4.56E-05	0.00E+00	3.80E-07	4.00E-07	4.64E-05	5.80E-05	2.37E-04	2.85E-05	1.47E-05	3.38E-04
4387	474863.09, 3857877.25	0.00967	0.00585	0.00397	0.0041	3.91E-05	1.75E-04	2.53E-05	1.29E-05	2.52E-04	3.56E-05	0.00E+00	3.38E-07	3.53E-07	3.62E-05	4.52E-05	1.75E-04	2.53E-05	1.29E-05	2.58E-04
4388	475363.09, 3857877.25	0.0053	0.00404	0.00328	0.00386	2.14E-05	1.21E-04	2.09E-05	1.22E-05	1.75E-04	1.95E-05	0.00E+00	2.79E-07	3.32E-07	2.01E-05	2.48E-05	1.21E-04	2.09E-05	1.22E-05	1.78E-04
4389	475863.09, 3857877.25	0.00239	0.00265	0.00291	0.00377	9.66E-06	7.91E-05	1.86E-05	1.19E-05	1.19E-04	8.79E-06	0.00E+00	2.47E-07	3.25E-07	9.36E-06	1.12E-05	7.91E-05	1.86E-05	1.19E-05	1.21E-04
4390	476363.09, 3857877.25	0.00613	0.00458	0.00357	0.00432	2.48E-05	1.37E-04	2.28E-05	1.36E-05	1.98E-04	2.25E-05	0.00E+00	3.04E-07	3.72E-07	2.32E-05	2.87E-05	1.37E-04	2.28E-05	1.36E-05	2.02E-04
4391	476863.09, 3857877.25	0.00782	0.00538	0.00396	0.00463	3.16E-05	1.61E-04	2.53E-05	1.46E-05	2.32E-04	2.88E-05	0.00E+00	3.37E-07	3.99E-07	2.95E-05	3.66E-05	1.61E-04	2.53E-05	1.46E-05	2.37E-04
4392	477363.09, 3857877.25	0.00775	0.00548	0.00411	0.00493	3.13E-05	1.63E-04	2.62E-05	1.56E-05	2.37E-04	2.85E-05	0.00E+00	3.50E-07	4.25E-07	2.93E-05	3.62E-05	1.63E-04	2.62E-05	1.56E-05	2.42E-04
4393	477863.09, 3857877.25	0.00739	0.00556	0.0042	0.00526	2.99E-05	1.66E-04	2.68E-05	1.66E-05	2.39E-04	2.72E-05	0.00E+00	3.57E-07	4.53E-07	2.80E-05	3.46E-05	1.66E-04	2.68E-05	1.66E-05	2.44E-04
4394	478363.09, 3857877.25	0.00386	0.00415	0.00394	0.00541	1.56E-05	1.24E-04	2.51E-05	1.71E-05	1.82E-04	1.42E-05	0.00E+00	3.35E-07	4.66E-07	1.50E-05	1.81E-05	1.24E-04	2.51E-05	1.71E-05	1.84E-04
4395	478863.09, 3857877.25	0.00313	0.00384	0.00383	0.00555	1.27E-05	1.15E-04	2.44E-05	1.75E-05	1.69E-04	1.15E-05	0.00E+00	3.26E-07	4.78E-07	1.23E-05	1.46E-05	1.15E-04	2.44E-05	1.75E-05	1.71E-04
4396	479363.09, 3857877.25	0.01949	0.0105	0.00646	0.00759	7.88E-05	3.13E-04	4.12E-05	2.40E-05	4.57E-04	7.17E-05	0.00E+00	5.49E-07	6.54E-07	7.29E-05	9.11E-05	3.13E-04	4.12E-05	2.40E-05	4.70E-04
4397	479863.09, 3857877.25	0.03842	0.02036	0.00736	0.00933	1.55E-04	6.07E-04	4.69E-05	2.95E-05	8.39E-04	1.41E-04	0.00E+00	6.26E-07	8.03E-07	1.43E-04	1.80E-04	6.07E-04	4.69E-05	2.95E-05	8.63E-04
4398	480363.09, 3857877.25	0.04627	0.02873	0.00714	0.00913	1.87E-04	8.57E-04	4.55E-05	2.88E-05	1.12E-03	1.70E-04	0.00E+00	6.07E-07	7.86E-07	1.72E-04	2.16E-04	8.57E-04	4.55E-05	2.88E-05	1.15E-03
4399	480863.09, 3857877.25	0.05217	0.03352	0.00735	0.0093	2.11E-04	1.00E-03	4.69E-05	2.94E-05	1.29E-03	1.92E-04	0.00E+00	6.25E-07	8.01E-07	1.93E-04	2.44E-04	1.00E-03	4.69E-05	2.94E-05	1.32E-03
4400	481363.09, 3857877.25	0.05963	0.03927	0.00776	0.0102	2.41E-04	1.17E-03	4.95E-05	3.22E-05	1.49E-03	2.19E-04	0.00E+00	6.60E-07	8.78E-07	2.21E-04	2.79E-04	1.17E-03	4.95E-05	3.22E-05	1.53E-03
4401	481863.09, 3857877.25	0.06889	0.04963	0.00811	0.01073	2.78E-04	1.48E-03	5.17E-05	3.39E-05	1.84E-03	2.53E-04	0.00E+00	6.90E-07	9.24E-07	2.55E-04	3.22E-04	1.48E-03	5.17E-05	3.39E-05	1.89E-03
4402	482363.09, 3857877.25	0.08034	0.07974	0.00834	0.0113	3.25E-04	2.38E-03	5.32E-05	3.57E-05	2.79E-03	2.95E-04	0.00E+00	7.09E-07	9.73E-07	2.97E-04	3.76E-04	2.38E-03	5.32E-05	3.57E-05	2.84E-03
4403	482863.09, 3857877.25	0.08738	0.12634	0.00896	0.01327	3.53E-04	3.77E-03	5.72E-05	4.19E-05	4.22E-03	3.21E-04	0.00E+00	7.62E-07	1.14E-06	3.23E-04	4.09E-04	3.77E-03	5.72E-05	4.19E-05	4.28E-03
4404	483363.09, 3857877.25	0.10197	0.15492	0.00977	0.0145	4.12E-04	4.62E-03	6.23E-05	4.58E-05	5.14E-03	3.75E-04	0.00E+00	8.31E-07	1.25E-06	3.77E-04	4.77E-04	4.62E-03	6.23E-05	4.58E-05	5.21E-03
4405	483863.09, 3857877.25	0.11884	0.19001	0.01084	0.01428	4.80E-04	5.67E-03	6.91E-05	4.51E-05	6.26E-03	4.37E-04	0.00E+00	9.22E-07	1.23E-06	4.39E-04	5.56E-04	5.67E-03	6.91E-05	4.51E-05	6.34E-03
4406	484363.09, 3857877.25	0.13798	0.23004	0.01218	0.01514	5.58E-04	6.86E-03	7.77E-05	4.78E-05	7.55E-03	5.07E-04	0.00E+00	1.04E-06	1.30E-06	5.10E-04	6.45E-04	6.86E-03	7.77E-05	4.78E-05	7.63E-03
4407	484863.09, 3857877.25	0.15809	0.2891	0.01397	0.0162	6.39E-04	8.62E-03	8.91E-05	5.11E-05	9.40E-03	5.81E-04	0.00E+00	1.19E-06	1.39E-06	5.84E-04	7.39E-04	8.62E-03	8.91E-05	5.11E-05	9.50E-03
4408	485363.09, 3857877.25	0.17794	0.37408	0.01636	0.01836	7.19E-04	1.12E-02	1.04E-04	5.80E-05	1.20E-02	6.54E-04	0.00E+00	1.39E-06	1.58E-06	6.57E-04	8.32E-04	1.12E-02	1.04E-04	5.80E-05	1.22E-02
4409	485863.09, 3857877.25	0.19959	0.56499	0.01992	0.02215	8.07E-04	1.69E-02	1.27E-04	6.99E-05	1.79E-02	7.34E-04	0.00E+00	1.69E-06	1.91E-06	7.37E-04	9.33E-04	1.69E-02	1.27E-04	6.99E-05	1.80E-02
4410	486363.09, 3857877.25	0.21987	1.91625	0.02577	0.02959	8.89E-04	5.72E-02	1.64E-04	9.34E-05	5.83E-02	8.08E-04	0.00E+00	2.19E-06	2.55E-06	8.13E-04	1.03E-03	5.72E-02	1.64E-04	9.34E-05	5.85E-02
4411	486863.09, 3857877.25	0.22559	0.71285	0.03747	0.03491	9.12E-04	2.13E-02	2.39E-04	1.10E-04	2.25E-02	8.29E-04	0.00E+00	3.19E-06	3.01E-06	8.36E-04	1.05E-03	2.13E-02	2.39E-04	1.10E-04	2.27E-02
4412	487363.09, 3857877.25	0.25985	0.49024	0.07199	0.05429	1.05E-03	1.46E-02	4.59E-04	1.71E-04	1.63E-02	9.55E-04	0.00E+00	6.12E-06	4.67E-06	9.66E-04	1.22E-03	1.46E-02	4.59E-04	1.71E-04	1.65E-02
4413	487863.09, 3857877.25	0.27309	0.39659	0.1951	0.04731	1.10E-03	1.18E-02	1.24E-03	1.49E-04	1.43E-02	1.00E-03	0.00E+00	1.66E-05	4.07E-06	1.02E-03	1.28E-03	1.18E-02	1.24E-03	1.49E-04	1.45E-02
4414	488363.09, 3857877.25	0.26864	0.35248	2.7017	0.04462	1.09E-03	1.05E-02	1.72E-02	1.41E-04	2.90E-02	9.88E-04	0.00E+00	2.30E-04	3.84E-06	1.22E-03	1.26E-03	1.05E-02	1.72E-02	1.41E-04	2.91E-02
4415	488863.09, 3857877.25	0.26913	0.31682	1.1797	0.0424	1.09E-03	9.45E-03	7.52E-03	1.34E-04	1.82E-02	9.89E-04	0.00E+00	1.00E-04	3.65E-06	1.09E-03	1.26E-03	9.45E-03	7.52E-03	1.34E-04	1.84E-02
4416	489363.09, 3857877.25	0.25971	0.28069	0.56476	0.03908	1.05E-03	8.37E-03	3.60E-03	1.23E-04	1.31E-02	9.55E-04	0.00E+00	4.80E-05	3.37E-06	1.01E-03	1.21E-03	8.37E-03	3.60E-03	1.23E-04	1.33E-02
4417	489863.09, 3857877.25	0.24313	0.2499	0.354	0.03681	9.83E-04	7.46E-03	2.26E-03	1.16E-04	1.08E-02	8.94E-04	0.00E+00	3.01E-05	3.17E-06	9.27E-04	1.14E-03	7.46E-03	2.26E-03	1.16E-04	1.10E-02
4418	490363.09, 3857877.25	0.22387	0.22842	0.25678	0.03609	9.05E-04	6.81E-03	1.64E-03	1.14E-04	9.47E-03	8.23E-04	0.00E+00	2.18E-05	3.11E-06	8.48E-04	1.05E-03	6.81E-03	1.64E-03	1.14E-04	9.61E-03
4419	490863.09, 3857877.25	0.20613	0.20914	0.20177	0.03532	8.33E-04	6.24E-03	1.29E-03	1.12E-04	8.47E-03	7.58E-04	0.00E+00	1.72E-05	3.04E-06	7.78E-04	9.64E-04	6.24E-03	1.29E-03	1.12E-04	8.60E-03
4420	491363.09, 3857877.25	0.18922	0.17788	0.168	0.03509	7.65E-04	5.31E-03	1.07E-03	1.11E-04	7.25E-03	6.96E-04	0.00E+00	1.43E-05	3.02E-06	7.13E-04	8.85E-04	5.31E-03	1.07E-03	1.11E-04	7.37E-03
4421	491863.09, 3857877.25	0.16937	0.14321	0.14624	0.03524	6.85E-04	4.27E-03	9.33E-04	1.11E-04	6.00E-03	6.23E-04	0.00E+00	1.24E-05	3.03E-06	6.38E-04	7.92E-04	4.27E-03	9.33E-04	1.11E-04	6.11E-03

4422	492363.09, 3857877.25	0.12697	0.09917	0.12147	0.03187	5.13E-04	2.96E-03	7.75E-04	1.01E-04	4.35E-03	4.67E-04	0.00E+00	1.03E-05	2.74E-06	4.80E-04	5.94E-04	2.96E-03	7.75E-04	1.01E-04	4.43E-03
4423	492863.09, 3857877.25	0.08475	0.07248	0.08817	0.02722	3.43E-04	2.16E-03	5.62E-04	8.59E-05	3.15E-03	3.12E-04	0.00E+00	7.50E-06	2.34E-06	3.21E-04	3.96E-04	2.16E-03	5.62E-04	8.59E-05	3.21E-03
4424	493363.09, 3857877.25	0.06888	0.06187	0.07311	0.02528	2.78E-04	1.85E-03	4.66E-04	7.98E-05	2.67E-03	2.53E-04	0.00E+00	6.22E-06	2.18E-06	2.62E-04	3.22E-04	1.85E-03	4.66E-04	7.98E-05	2.71E-03
4425	493863.09, 3857877.25	0.06069	0.05589	0.06419	0.02396	2.45E-04	1.67E-03	4.09E-04	7.57E-05	2.40E-03	2.23E-04	0.00E+00	5.46E-06	2.06E-06	2.31E-04	2.84E-04	1.67E-03	4.09E-04	7.57E-05	2.44E-03
4426	494363.09, 3857877.25	0.05496	0.05134	0.05746	0.02274	2.22E-04	1.53E-03	3.67E-04	7.18E-05	2.19E-03	2.02E-04	0.00E+00	4.89E-06	1.96E-06	2.09E-04	2.57E-04	1.53E-03	3.67E-04	7.18E-05	2.23E-03
4427	494863.09, 3857877.25	0.04621	0.04479	0.05078	0.02151	1.87E-04	1.34E-03	3.24E-04	6.79E-05	1.91E-03	1.70E-04	0.00E+00	4.32E-06	1.85E-06	1.76E-04	2.16E-04	1.34E-03	3.24E-04	6.79E-05	1.94E-03
4428	495363.09, 3857877.25	0.04308	0.04193	0.04679	0.02057	1.74E-04	1.25E-03	2.98E-04	6.49E-05	1.79E-03	1.58E-04	0.00E+00	3.98E-06	1.77E-06	1.64E-04	2.01E-04	1.25E-03	2.98E-04	6.49E-05	1.82E-03
4429	495863.09, 3857877.25	0.04043	0.03939	0.0433	0.0197	1.63E-04	1.18E-03	2.76E-04	6.22E-05	1.68E-03	1.49E-04	0.00E+00	3.68E-06	1.70E-06	1.54E-04	1.89E-04	1.18E-03	2.76E-04	6.22E-05	1.70E-03
4430	496363.09, 3857877.25	0.0406	0.03878	0.04133	0.0191	1.64E-04	1.16E-03	2.64E-04	6.03E-05	1.64E-03	1.49E-04	0.00E+00	3.51E-06	1.64E-06	1.54E-04	1.90E-04	1.16E-03	2.64E-04	6.03E-05	1.67E-03
4431	496863.09, 3857877.25	0.04038	0.03814	0.03957	0.01858	1.63E-04	1.14E-03	2.52E-04	5.87E-05	1.61E-03	1.48E-04	0.00E+00	3.37E-06	1.60E-06	1.53E-04	1.89E-04	1.14E-03	2.52E-04	5.87E-05	1.64E-03
4432	497363.09, 3857877.25	0.03957	0.03712	0.03772	0.01797	1.60E-04	1.11E-03	2.41E-04	5.67E-05	1.56E-03	1.45E-04	0.00E+00	3.21E-06	1.55E-06	1.50E-04	1.85E-04	1.11E-03	2.41E-04	5.67E-05	1.59E-03
4433	497863.09, 3857877.25	0.04515	0.04061	0.03835	0.01797	1.83E-04	1.21E-03	2.45E-04	5.67E-05	1.70E-03	1.66E-04	0.00E+00	3.26E-06	1.55E-06	1.71E-04	2.11E-04	1.21E-03	2.45E-04	5.67E-05	1.72E-03
4434	498363.09, 3857877.25	0.05079	0.0444	0.03912	0.01811	2.05E-04	1.32E-03	2.50E-04	5.72E-05	1.84E-03	1.87E-04	0.00E+00	3.33E-06	1.56E-06	1.92E-04	2.38E-04	1.32E-03	2.50E-04	5.72E-05	1.87E-03
4435	471363.09, 3858377.25	0.00948	0.00721	0.00325	0.00332	3.83E-05	2.15E-04	2.07E-05	1.05E-05	2.85E-04	3.49E-05	0.00E+00	2.76E-07	2.86E-07	3.54E-05	4.43E-05	2.15E-04	2.07E-05	1.05E-05	2.91E-04
4436	471863.09, 3858377.25	0.00988	0.00737	0.00335	0.00345	3.99E-05	2.20E-04	2.14E-05	1.09E-05	2.92E-04	3.63E-05	0.00E+00	2.85E-07	2.97E-07	3.69E-05	4.62E-05	2.20E-04	2.14E-05	1.09E-05	2.98E-04
4437	472363.09, 3858377.25	0.01034	0.00756	0.00346	0.0036	4.18E-05	2.26E-04	2.21E-05	1.14E-05	3.01E-04	3.80E-05	0.00E+00	2.94E-07	3.10E-07	3.86E-05	4.84E-05	2.26E-04	2.21E-05	1.14E-05	3.07E-04
4438	472863.09, 3858377.25	0.01104	0.00811	0.00359	0.0038	4.46E-05	2.42E-04	2.29E-05	1.20E-05	3.21E-04	4.06E-05	0.00E+00	3.05E-07	3.27E-07	4.12E-05	5.16E-05	2.42E-04	2.29E-05	1.20E-05	3.28E-04
4439	473363.09, 3858377.25	0.01214	0.00952	0.00373	0.00399	4.91E-05	2.84E-04	2.38E-05	1.26E-05	3.69E-04	4.46E-05	0.00E+00	3.17E-07	3.44E-07	4.53E-05	5.68E-05	2.84E-04	2.38E-05	1.26E-05	3.77E-04
4440	473863.09, 3858377.25	0.0126	0.0092	0.00387	0.00421	5.09E-05	2.74E-04	2.47E-05	1.33E-05	3.63E-04	4.63E-05	0.00E+00	3.29E-07	3.63E-07	4.70E-05	5.89E-05	2.74E-04	2.47E-05	1.33E-05	3.71E-04
4441	474363.09, 3858377.25	0.01191	0.00754	0.00393	0.00423	4.81E-05	2.25E-04	2.51E-05	1.34E-05	3.12E-04	4.38E-05	0.00E+00	3.34E-07	3.64E-07	4.45E-05	5.57E-05	2.25E-04	2.51E-05	1.34E-05	3.19E-04
4442	474863.09, 3858377.25	0.00998	0.0059	0.00394	0.00418	4.03E-05	1.76E-04	2.51E-05	1.32E-05	2.55E-04	3.67E-05	0.00E+00	3.35E-07	3.60E-07	3.74E-05	4.67E-05	1.76E-04	2.51E-05	1.32E-05	2.61E-04
4443	475363.09, 3858377.25	0.00664	0.00442	0.00365	0.00388	2.68E-05	1.32E-04	2.33E-05	1.23E-05	1.94E-04	2.44E-05	0.00E+00	3.10E-07	3.34E-07	2.51E-05	3.11E-05	1.32E-04	2.33E-05	1.23E-05	1.98E-04
4444	475863.09, 3858377.25	0.00463	0.00374	0.00352	0.00399	1.87E-05	1.12E-04	2.25E-05	1.26E-05	1.65E-04	1.70E-05	0.00E+00	2.99E-07	3.44E-07	1.77E-05	2.17E-05	1.12E-04	2.25E-05	1.26E-05	1.68E-04
4445	476363.09, 3858377.25	0.00509	0.00405	0.00368	0.00423	2.06E-05	1.21E-04	2.35E-05	1.34E-05	1.78E-04	1.87E-05	0.00E+00	3.13E-07	3.64E-07	1.94E-05	2.38E-05	1.21E-04	2.35E-05	1.34E-05	1.81E-04
4446	476863.09, 3858377.25	0.0056	0.00442	0.00388	0.00451	2.26E-05	1.32E-04	2.47E-05	1.42E-05	1.93E-04	2.06E-05	0.00E+00	3.30E-07	3.88E-07	2.13E-05	2.62E-05	1.32E-04	2.47E-05	1.42E-05	1.97E-04
4447	477363.09, 3858377.25	0.00531	0.00442	0.00401	0.00476	2.15E-05	1.32E-04	2.56E-05	1.50E-05	1.94E-04	1.95E-05	0.00E+00	3.41E-07	4.10E-07	2.03E-05	2.48E-05	1.32E-04	2.56E-05	1.50E-05	1.97E-04
4448	477863.09, 3858377.25	0.00747	0.00545	0.00443	0.00516	3.02E-05	1.63E-04	2.83E-05	1.63E-05	2.37E-04	2.75E-05	0.00E+00	3.77E-07	4.44E-07	2.83E-05	3.49E-05	1.63E-04	2.83E-05	1.63E-05	2.42E-04
4449	478363.09, 3858377.25	0.00829	0.00591	0.00467	0.00547	3.35E-05	1.76E-04	2.98E-05	1.73E-05	2.57E-04	3.05E-05	0.00E+00	3.97E-07	4.71E-07	3.13E-05	3.88E-05	1.76E-04	2.98E-05	1.73E-05	2.62E-04
4450	478863.09, 3858377.25	0.00536	0.00487	0.00448	0.00556	2.17E-05	1.45E-04	2.86E-05	1.76E-05	2.13E-04	1.97E-05	0.00E+00	3.81E-07	4.79E-07	2.06E-05	2.51E-05	1.45E-04	2.86E-05	1.76E-05	2.16E-04
4451	479363.09, 3858377.25	0.0209	0.01075	0.00681	0.00729	8.45E-05	3.21E-04	4.34E-05	2.30E-05	4.72E-04	7.68E-05	0.00E+00	5.79E-07	6.28E-07	7.80E-05	9.77E-05	3.21E-04	4.34E-05	2.30E-05	4.85E-04
4452	479863.09, 3858377.25	0.03734	0.02256	0.00748	0.00822	1.51E-04	6.73E-04	4.77E-05	2.60E-05	8.98E-04	1.37E-04	0.00E+00	6.36E-07	7.08E-07	1.39E-04	1.75E-04	6.73E-04	4.77E-05	2.60E-05	9.21E-04
4453	480363.09, 3858377.25	0.0433	0.03143	0.0075	0.00822	1.75E-04	9.38E-04	4.78E-05	2.60E-05	1.19E-03	1.59E-04	0.00E+00	6.38E-07	7.08E-07	1.61E-04	2.02E-04	9.38E-04	4.78E-05	2.60E-05	1.21E-03
4454	480863.09, 3858377.25	0.04832	0.03517	0.00789	0.00858	1.95E-04	1.05E-03	5.03E-05	2.71E-05	1.32E-03	1.78E-04	0.00E+00	6.71E-07	7.39E-07	1.79E-04	2.26E-04	1.05E-03	5.03E-05	2.71E-05	1.35E-03
4455	481363.09, 3858377.25	0.05424	0.04143	0.00837	0.00906	2.19E-04	1.24E-03	5.34E-05	2.86E-05	1.54E-03	1.99E-04	0.00E+00	7.12E-07	7.80E-07	2.01E-04	2.54E-04	1.24E-03	5.34E-05	2.86E-05	1.57E-03
4456	481863.09, 3858377.25	0.06136	0.04593	0.00903	0.00959	2.48E-04	1.37E-03	5.76E-05	3.03E-05	1.71E-03	2.26E-04	0.00E+00	7.68E-07	8.26E-07	2.27E-04	2.87E-04	1.37E-03	5.76E-05	3.03E-05	1.75E-03
4457	482363.09, 3858377.25	0.07063	0.05663	0.00954	0.01046	2.86E-04	1.69E-03	6.09E-05	3.30E-05	2.07E-03	2.60E-04	0.00E+00	8.11E-07	9.01E-07	2.61E-04	3.30E-04	1.69E-03	6.09E-05	3.30E-05	2.11E-03
4458	482863.09, 3858377.25	0.08047	0.08656	0.00971	0.01119	3.25E-04	2.58E-03	6.19E-05	3.53E-05	3.00E-03	2.96E-04	0.00E+00	8.26E-07	9.64E-07	2.98E-04	3.76E-04	2.58E-03	6.19E-05	3.53E-05	3.06E-03
4459	483363.09, 3858377.25	0.08616	0.11936	0.01026	0.0113	3.48E-04	3.56E-03	6.54E-05	3.57E-05	4.01E-03	3.17E-04	0.00E+00	8.73E-07	9.73E-07	3.19E-04	4.03E-04	3.56E-03	6.54E-05	3.57E-05	4.06E-03
4460	483863.09, 3858377.25	0.09394	0.14055	0.01097	0.01194	3.80E-04	4.19E-03	7.00E-05	3.77E-05	4.68E-03	3.45E-04	0.00E+00	9.33E-07	1.03E-06	3.47E-04	4.39E-04	4.19E-03	7.00E-05	3.77E-05	4.74E-03
4461	484363.09, 3858377.25	0.10446	0.16439	0.01214	0.01341	4.22E-04	4.90E-03	7.74E-05	4.23E-05	5.45E-03	3.84E-04	0.00E+00	1.03E-06	1.15E-06	3.86E-04	4.89E-04	4.90E-03	7.74E-05	4.23E-05	5.51E-03
4462	484863.09, 3858377.25	0.11318	0.20016	0.01361	0.01479	4.57E-04	5.97E-03	8.68E-05	4.67E-05	6.56E-03	4.16E-04	0.00E+00	1.16E-06	1.27E-06	4.19E-04	5.29E-04	5.97E-03	8.68E-05	4.67E-05	6.63E-03
4463	485363.09, 3858377.25	0.12147	0.2603	0.01548	0.01776	4.91E-04	7.77E-03	9.87E-05	5.61E-05	8.41E-03	4.47E-04	0.00E+00	1.32E-06	1.53E-06	4.49E-04	5.68E-04	7.77E-03	9.87E-05	5.61E-05	8.49E-03
4464	485863.09, 3858377.25	0.13063	0.40522	0.01826	0.02463	5.28E-04	1.21E-02	1.16E-04	7.78E-05	1.28E-02	4.80E-04	0.00E+00	1.55E-06	2.12E-06	4.84E-04	6.11E-04	1.21E-02	1.16E-04	7.78E-05	1.29E-02
4465	486363.09, 3858377.25	0.13117	1.95867	0.02271	0.0505	5.30E-04	5.84E-02	1.45E-04	1.59E-04	5.93E-02	4.82E-04	0.00E+00	1.93E-06	4.35E-06	4.89E-04	6.13E-04	5.84E-02	1.45E-04	1.59E-04	5.94E-02
4466	486863.09, 3858377.25	0.12941	2.58156	0.03034	0.08378	5.23E-04	7.70E-02	1.94E-04	2.65E-04	7.80E-02	4.76E-04	0.00E+00	2.58E-06	7.21E-06	4.86E-04	6.05E-04	7.70E-02	1.94E-04	2.65E-04	7.81E-02
4467	487363.09, 3858377.25	0.13631	1.1939	0.04255	0.09502	5.51E-04	3.56E-02	2.71E-04	3.00E-04	3.67E-02	5.01E-04	0.00E+00	3.62E-06	8.18E-06	5.13E-04	6.37E-04	3.56E-02	2.71E-04	3.00E-04	3.68E-02
4468	487863.09, 3858377.25	0.1492	0.76136	0.05929	0.12016	6.03E-04	2.27E-02	3.78E-04	3.79E-04	2.41E-02	5.49E-04	0.00E+00	5.04E-06	1.03E-05	5.64E-04	6.98E-04	2.27E-02	3.78E-04	3.79E-04	2.42E-02
4469	488363.09, 3858377.25	0.15579	0.56377	0.08544	0.08626	6.30E-04	1.68E-02	5.45E-04	2.72E-04	1.83E-02	5.73E-04	0.00E+00	7.27E-06	7.43E-06	5.87E-04	7.29E-04	1.68E-02	5.45E-04	2.72E-04	1.84E-02
4470	488863.09, 3858377.25	0.14943	0.4554	0.19785	0.06318	6.04E-04	1.36E-02	1.26E-03	1.99E-04	1.57E-02	5.49E-04	0.00E+00	1.68E-05	5.44E-06	5.72E-04	6.99E-04	1.36E-02	1.26E-03	1.99E-04	1.57E-02
4471	489363.09, 3858377.25	0.15771	0.39438	0.1745	0.05371	6.37E-04	1.18E-02	1.11E-03	1.70E-04	1.37E-02	5.80E-04	0.00E+00	1.48E-05	4.62E-06	5.99E-04	7.38E-04	1.18E-02	1.11E-03	1.70E-04	1.38E-02
4472	489863.09, 3858377.25	0.1622	0.34967	0.14696	0.04946	6.56E-04	1.04E-02	9.37E-04	1.56E-04	1.22E-02	5.96E-04	0.00E+00	1.25E-05	4.26E-06	6.13E-04	7.59E-04	1.04E-02	9.37E-04	1.56E-04	1.23E-02
4473	490363.09, 3858377.25	0.15854	0.30957	0.1292	0.04621	6.41E-04	9.24E-03	8.24E-04	1.46E-04	1.08E-02	5.83E-04	0.00E+00	1.10E-05	3.98E-06	5.98E-04	7.41E-04	9.24E-03	8.24E-04	1.46E-04	1.09E-02
4474	490863.09, 3858377.25	0.15083	0.27275	0.11608	0.04345	6.10E-04	8.14E-03	7.40E-04	1.37E-04	9.62E-03	5.55E-04	0.00E+00	9.87E-06	3.74E-06	5.68E-04	7.05E-04	8.14E-03	7.40E-04	1.37E-04	9.72E-03
4475	491363.09, 3858377.25	0.14228	0.22003	0.1074	0.04177	5.75E-04	6.56E-03	6.85E-04	1.32E-04	7.96E-03	5.23E-04	0.00E+00	9.13E-06	3.60E-06	5.36E-04	6.65E-04	6.56E-03	6.85E-04	1.32E-04	8.05E-03
4476	491863.09, 3858377.25	0.12258	0.15142	0.10902	0.04045	4.95E-04	4.52E-03	6.95E-04	1.28E-04	5.84E-03	4.51E-04	0.00E+00	9.27E-06	3.48E-06	4.63E-04	5.73E-04	4.52E-03	6.95E-04	1.28E-04	5.91E-03
4477	492363.09, 3858377.25	0.08219	0.10031	0.08121	0.03283	3.32E-04	2.99E-03	5.18E-04	1.04E-04	3.95E-03	3.02E-04	0.00E+00	6.91E-06	2.83E-06	3.12E-04	3.84E-04	2.99E-03	5.18E-04	1.04E-04	4.00E-03
4478	492863.09, 3858377.25	0.08885	0.10141	0.08049	0.03209	3.59E-04	3.03E-03	5.13E-04	1.01E-04	4.00E-03	3.27E-04	0.00E+00	6.85E-06	2.76E-06	3.36E-04	4.16E-04	3.03E-03	5.13E-04	1.01E-04	4.06E-03
4479	493363.09, 3858377.25	0.07492	0.08575	0.0652	0.02874	3.03E-04	2.56E-03	4.16E-04	9.07E-05	3.37E-03	2.75E-04	0.00E+00	5.55E-06	2.47E-06	2.83E-04	3.50E-04	2.56E-03	4.16E-04	9.07E-05	3.42E-03
4480	493863.09, 3858377.25	0.06799	0.07663	0.05746	0.02661	2.75E-04	2.29E-03	3.67E-04	8.40E-05	3.01E-03	2.50E-04	0.00E+00	4.89E-06	2.29E-06	2.57E-04	3.18E-04	2.29E-03	3.67E-04	8.40E-05	3.05E-03

4481	494363.09, 3858377.25	0.06004	0.06733	0.05021	0.0246	2.43E-04	2.01E-03	3.20E-04	7.77E-05	2.65E-03	2.21E-04	0.00E+00	4.27E-06	2.12E-06	2.27E-04	2.81E-04	2.01E-03	3.20E-04	7.77E-05	2.69E-03
4482	494863.09, 3858377.25	0.05364	0.05989	0.0452	0.02294	2.17E-04	1.79E-03	2.88E-04	7.24E-05	2.36E-03	1.97E-04	0.00E+00	3.84E-06	1.98E-06	2.03E-04	2.51E-04	1.79E-03	2.88E-04	7.24E-05	2.40E-03
4483	495363.09, 3858377.25	0.0467	0.05237	0.04058	0.02128	1.89E-04	1.56E-03	2.59E-04	6.72E-05	2.08E-03	1.72E-04	0.00E+00	3.45E-06	1.83E-06	1.77E-04	2.18E-04	1.56E-03	2.59E-04	6.72E-05	2.11E-03
4484	495863.09, 3858377.25	0.04545	0.04969	0.03848	0.02031	1.84E-04	1.48E-03	2.45E-04	6.41E-05	1.98E-03	1.67E-04	0.00E+00	3.27E-06	1.75E-06	1.72E-04	2.13E-04	1.48E-03	2.45E-04	6.41E-05	2.00E-03
4485	496363.09, 3858377.25	0.04378	0.04688	0.03646	0.01936	1.77E-04	1.40E-03	2.33E-04	6.11E-05	1.87E-03	1.61E-04	0.00E+00	3.10E-06	1.67E-06	1.66E-04	2.05E-04	1.40E-03	2.33E-04	6.11E-05	1.90E-03
4486	496863.09, 3858377.25	0.04569	0.04708	0.03569	0.01887	1.85E-04	1.40E-03	2.28E-04	5.96E-05	1.88E-03	1.68E-04	0.00E+00	3.04E-06	1.62E-06	1.73E-04	2.14E-04	1.40E-03	2.28E-04	5.96E-05	1.91E-03
4487	497363.09, 3858377.25	0.04568	0.0459	0.03464	0.01828	1.85E-04	1.37E-03	2.21E-04	5.77E-05	1.83E-03	1.68E-04	0.00E+00	2.95E-06	1.57E-06	1.72E-04	2.14E-04	1.37E-03	2.21E-04	5.77E-05	1.86E-03
4488	497863.09, 3858377.25	0.04994	0.04857	0.035	0.01819	2.02E-04	1.45E-03	2.23E-04	5.74E-05	1.93E-03	1.84E-04	0.00E+00	2.98E-06	1.57E-06	1.88E-04	2.34E-04	1.45E-03	2.23E-04	5.74E-05	1.96E-03
4489	498363.09, 3858377.25	0.05512	0.05331	0.03646	0.01851	2.23E-04	1.59E-03	2.33E-04	5.84E-05	2.10E-03	2.03E-04	0.00E+00	3.10E-06	1.59E-06	2.07E-04	2.58E-04	1.59E-03	2.33E-04	5.84E-05	2.14E-03
4490	471363.09, 3858877.25	0.00926	0.00723	0.00367	0.00341	3.74E-05	2.16E-04	2.34E-05	1.08E-05	2.87E-04	3.40E-05	0.00E+00	3.12E-07	2.94E-07	3.47E-05	4.33E-05	2.16E-04	2.34E-05	1.08E-05	2.93E-04
4491	471863.09, 3858877.25	0.00965	0.00732	0.00382	0.00356	3.90E-05	2.18E-04	2.44E-05	1.12E-05	2.93E-04	3.55E-05	0.00E+00	3.25E-07	3.07E-07	3.61E-05	4.51E-05	2.18E-04	2.44E-05	1.12E-05	2.99E-04
4492	472363.09, 3858877.25	0.01035	0.00798	0.00399	0.00372	4.18E-05	2.38E-04	2.55E-05	1.17E-05	3.17E-04	3.81E-05	0.00E+00	3.39E-07	3.20E-07	3.87E-05	4.84E-05	2.38E-04	2.55E-05	1.17E-05	3.24E-04
4493	472863.09, 3858877.25	0.01108	0.00854	0.00416	0.00387	4.48E-05	2.55E-04	2.65E-05	1.22E-05	3.38E-04	4.07E-05	0.00E+00	3.54E-07	3.33E-07	4.14E-05	5.18E-05	2.55E-04	2.65E-05	1.22E-05	3.45E-04
4494	473363.09, 3858877.25	0.01211	0.00971	0.0043	0.00399	4.90E-05	2.90E-04	2.74E-05	1.26E-05	3.79E-04	4.45E-05	0.00E+00	3.66E-07	3.44E-07	4.52E-05	5.66E-05	2.90E-04	2.74E-05	1.26E-05	3.86E-04
4495	473863.09, 3858877.25	0.01277	0.00952	0.00455	0.00416	5.16E-05	2.84E-04	2.90E-05	1.31E-05	3.78E-04	4.69E-05	0.00E+00	3.87E-07	3.58E-07	4.77E-05	5.97E-05	2.84E-04	2.90E-05	1.31E-05	3.86E-04
4496	474363.09, 3858877.25	0.01257	0.00802	0.00515	0.00453	5.08E-05	2.39E-04	3.28E-05	1.43E-05	3.37E-04	4.62E-05	0.00E+00	4.38E-07	3.90E-07	4.70E-05	5.88E-05	2.39E-04	3.28E-05	1.43E-05	3.45E-04
4497	474863.09, 3858877.25	0.00638	0.00415	0.00357	0.00371	2.58E-05	1.24E-04	2.28E-05	1.17E-05	1.84E-04	2.35E-05	0.00E+00	3.04E-07	3.19E-07	2.41E-05	2.98E-05	1.24E-04	2.28E-05	1.17E-05	1.88E-04
4498	475363.09, 3858877.25	0.00456	0.00352	0.00329	0.0038	1.84E-05	1.05E-04	2.10E-05	1.20E-05	1.56E-04	1.68E-05	0.00E+00	2.80E-07	3.27E-07	1.74E-05	2.13E-05	1.05E-04	2.10E-05	1.20E-05	1.59E-04
4499	475863.09, 3858877.25	0.0053	0.00392	0.0035	0.00402	2.14E-05	1.17E-04	2.23E-05	1.27E-05	1.73E-04	1.95E-05	0.00E+00	2.98E-07	3.46E-07	2.01E-05	2.48E-05	1.17E-04	2.23E-05	1.27E-05	1.77E-04
4500	476363.09, 3858877.25	0.00317	0.00304	0.00319	0.00404	1.28E-05	9.07E-05	2.03E-05	1.28E-05	1.37E-04	1.17E-05	0.00E+00	2.71E-07	3.48E-07	1.23E-05	1.48E-05	9.07E-05	2.03E-05	1.28E-05	1.39E-04
4501	476863.09, 3858877.25	0.00407	0.00358	0.00354	0.00431	1.65E-05	1.07E-04	2.26E-05	1.36E-05	1.59E-04	1.50E-05	0.00E+00	3.01E-07	3.71E-07	1.56E-05	1.90E-05	1.07E-04	2.26E-05	1.36E-05	1.62E-04
4502	477363.09, 3858877.25	0.00432	0.00377	0.00359	0.00452	1.75E-05	1.12E-04	2.29E-05	1.43E-05	1.67E-04	1.59E-05	0.00E+00	3.05E-07	3.89E-07	1.66E-05	2.02E-05	1.12E-04	2.29E-05	1.43E-05	1.70E-04
4503	477863.09, 3858877.25	0.0057	0.00447	0.00388	0.00481	2.30E-05	1.33E-04	2.47E-05	1.52E-05	1.96E-04	2.10E-05	0.00E+00	3.30E-07	4.14E-07	2.17E-05	2.67E-05	1.33E-04	2.47E-05	1.52E-05	2.00E-04
4504	478363.09, 3858877.25	0.01352	0.00751	0.00608	0.00568	5.47E-05	2.24E-04	3.88E-05	1.79E-05	3.35E-04	4.97E-05	0.00E+00	5.17E-07	4.89E-07	5.07E-05	6.32E-05	2.24E-04	3.88E-05	1.79E-05	3.44E-04
4505	478863.09, 3858877.25	0.01114	0.00687	0.00544	0.00569	4.50E-05	2.05E-04	3.47E-05	1.80E-05	3.03E-04	4.10E-05	0.00E+00	4.63E-07	4.90E-07	4.19E-05	5.21E-05	2.05E-04	3.47E-05	1.80E-05	3.10E-04
4506	479363.09, 3858877.25	0.00874	0.00611	0.00469	0.00575	3.53E-05	1.82E-04	2.99E-05	1.82E-05	2.66E-04	3.21E-05	0.00E+00	3.99E-07	4.95E-07	3.30E-05	4.09E-05	1.82E-04	2.99E-05	1.82E-05	2.71E-04
4507	479863.09, 3858877.25	0.03614	0.0252	0.00775	0.00736	1.46E-04	7.52E-04	4.94E-05	2.32E-05	9.71E-04	1.33E-04	0.00E+00	6.59E-07	6.34E-07	1.34E-04	1.69E-04	7.52E-04	4.94E-05	2.32E-05	9.93E-04
4508	480363.09, 3858877.25	0.04032	0.03205	0.00731	0.00747	1.63E-04	9.56E-04	4.66E-05	2.36E-05	1.19E-03	1.48E-04	0.00E+00	6.22E-07	6.43E-07	1.50E-04	1.89E-04	9.56E-04	4.66E-05	2.36E-05	1.21E-03
4509	480863.09, 3858877.25	0.04432	0.0381	0.00716	0.00762	1.79E-04	1.14E-03	4.57E-05	2.41E-05	1.39E-03	1.63E-04	0.00E+00	6.09E-07	6.56E-07	1.64E-04	2.07E-04	1.14E-03	4.57E-05	2.41E-05	1.41E-03
4510	481363.09, 3858877.25	0.04888	0.04298	0.00743	0.00801	1.98E-04	1.28E-03	4.74E-05	2.53E-05	1.55E-03	1.80E-04	0.00E+00	6.32E-07	6.90E-07	1.81E-04	2.29E-04	1.28E-03	4.74E-05	2.53E-05	1.58E-03
4511	481863.09, 3858877.25	0.05435	0.04919	0.00779	0.00841	2.20E-04	1.47E-03	4.97E-05	2.66E-05	1.76E-03	2.00E-04	0.00E+00	6.63E-07	7.24E-07	2.01E-04	2.54E-04	1.47E-03	4.97E-05	2.66E-05	1.80E-03
4512	482363.09, 3858877.25	0.0605	0.05354	0.00844	0.00922	2.45E-04	1.60E-03	5.38E-05	2.91E-05	1.92E-03	2.22E-04	0.00E+00	7.18E-07	7.94E-07	2.24E-04	2.83E-04	1.60E-03	5.38E-05	2.91E-05	1.96E-03
4513	482863.09, 3858877.25	0.06788	0.06338	0.00917	0.00949	2.74E-04	1.89E-03	5.85E-05	3.00E-05	2.25E-03	2.50E-04	0.00E+00	7.80E-07	8.17E-07	2.51E-04	3.17E-04	1.89E-03	5.85E-05	3.00E-05	2.30E-03
4514	483363.09, 3858877.25	0.06945	0.09893	0.01002	0.01013	2.81E-04	2.95E-03	6.39E-05	3.20E-05	3.33E-03	2.55E-04	0.00E+00	8.52E-07	8.72E-07	2.57E-04	3.25E-04	2.95E-03	6.39E-05	3.20E-05	3.37E-03
4515	483863.09, 3858877.25	0.07377	0.11491	0.01132	0.01114	2.98E-04	3.43E-03	7.22E-05	3.52E-05	3.83E-03	2.71E-04	0.00E+00	9.63E-07	9.59E-07	2.73E-04	3.45E-04	3.43E-03	7.22E-05	3.52E-05	3.88E-03
4516	484363.09, 3858877.25	0.08043	0.13591	0.01311	0.0126	3.25E-04	4.05E-03	8.36E-05	3.98E-05	4.50E-03	2.96E-04	0.00E+00	1.11E-06	1.08E-06	2.98E-04	3.76E-04	4.05E-03	8.36E-05	3.98E-05	4.55E-03
4517	484863.09, 3858877.25	0.08633	0.16711	0.01506	0.01426	3.49E-04	4.99E-03	9.61E-05	4.50E-05	5.48E-03	3.17E-04	0.00E+00	1.28E-06	1.23E-06	3.20E-04	4.04E-04	4.99E-03	9.61E-05	4.50E-05	5.53E-03
4518	485363.09, 3858877.25	0.08998	0.22329	0.01686	0.01698	3.64E-04	6.66E-03	1.08E-04	5.36E-05	7.19E-03	3.31E-04	0.00E+00	1.43E-06	1.46E-06	3.34E-04	4.21E-04	6.66E-03	1.08E-04	5.36E-05	7.24E-03
4519	485863.09, 3858877.25	0.09254	0.35842	0.01875	0.02332	3.74E-04	1.07E-02	1.20E-04	7.36E-05	1.13E-02	3.40E-04	0.00E+00	1.59E-06	2.01E-06	3.44E-04	4.33E-04	1.07E-02	1.20E-04	7.36E-05	1.13E-02
4520	486363.09, 3858877.25	0.0904	1.83562	0.02063	0.03462	3.65E-04	5.48E-02	1.32E-04	1.09E-04	5.54E-02	3.32E-04	0.00E+00	1.75E-06	2.98E-06	3.37E-04	4.23E-04	5.48E-02	1.32E-04	1.09E-04	5.54E-02
4521	486863.09, 3858877.25	0.08862	2.66633	0.02084	0.08183	3.58E-04	7.95E-02	1.33E-04	2.58E-04	8.03E-02	3.26E-04	0.00E+00	1.77E-06	7.05E-06	3.35E-04	4.14E-04	7.95E-02	1.33E-04	2.58E-04	8.04E-02
4522	487363.09, 3858877.25	0.09424	2.71227	0.01888	0.24125	3.81E-04	8.09E-02	1.20E-04	7.62E-04	8.22E-02	3.46E-04	0.00E+00	1.61E-06	2.08E-05	3.69E-04	4.41E-04	8.09E-02	1.20E-04	7.62E-04	8.22E-02
4523	487863.09, 3858877.25	0.09781	1.31351	0.01973	0.14493	3.95E-04	3.92E-02	1.26E-04	4.58E-04	4.02E-02	3.60E-04	0.00E+00	1.68E-06	1.25E-05	3.74E-04	4.57E-04	3.92E-02	1.26E-04	4.58E-04	4.02E-02
4524	488363.09, 3858877.25	0.10346	2.24839	0.02004	0.10885	4.18E-04	6.71E-02	1.28E-04	3.44E-04	6.80E-02	3.80E-04	0.00E+00	1.70E-06	9.37E-06	3.91E-04	4.84E-04	6.71E-02	1.28E-04	3.44E-04	6.80E-02
4525	488863.09, 3858877.25	0.10824	1.06579	0.02844	0.09227	4.38E-04	3.18E-02	1.81E-04	2.91E-04	3.27E-02	3.98E-04	0.00E+00	2.42E-06	7.95E-06	4.08E-04	5.06E-04	3.18E-02	1.81E-04	2.91E-04	3.28E-02
4526	489363.09, 3858877.25	0.10212	0.71369	0.04324	0.08081	4.13E-04	2.13E-02	2.76E-04	2.55E-04	2.22E-02	3.75E-04	0.00E+00	3.68E-06	6.96E-06	3.86E-04	4.78E-04	2.13E-02	2.76E-04	2.55E-04	2.23E-02
4527	489863.09, 3858877.25	0.10284	0.53962	0.05141	0.06964	4.16E-04	1.61E-02	3.28E-04	2.20E-04	1.71E-02	3.78E-04	0.00E+00	4.37E-06	6.00E-06	3.88E-04	4.81E-04	1.61E-02	3.28E-04	2.20E-04	1.71E-02
4528	490363.09, 3858877.25	0.1097	0.41648	0.05405	0.06022	4.43E-04	1.24E-02	3.45E-04	1.90E-04	1.34E-02	4.03E-04	0.00E+00	4.60E-06	5.19E-06	4.13E-04	5.13E-04	1.24E-02	3.45E-04	1.90E-04	1.35E-02
4529	490863.09, 3858877.25	0.11291	0.30364	0.05535	0.05344	4.56E-04	9.06E-03	3.53E-04	1.69E-04	1.00E-02	4.15E-04	0.00E+00	4.71E-06	4.60E-06	4.24E-04	5.28E-04	9.06E-03	3.53E-04	1.69E-04	1.01E-02
4530	491363.09, 3858877.25	0.10511	0.2062	0.06479	0.04858	4.25E-04	6.15E-03	4.13E-04	1.53E-04	7.14E-03	3.86E-04	0.00E+00	5.51E-06	4.18E-06	3.96E-04	4.92E-04	6.15E-03	4.13E-04	1.53E-04	7.21E-03
4531	491863.09, 3858877.25	0.08194	0.14141	0.06548	0.04126	3.31E-04	4.22E-03	4.18E-04	1.30E-04	5.10E-03	3.01E-04	0.00E+00	5.57E-06	3.55E-06	3.10E-04	3.83E-04	4.22E-03	4.18E-04	1.30E-04	5.15E-03
4532	492363.09, 3858877.25	0.08866	0.14685	0.06352	0.03969	3.58E-04	4.38E-03	4.05E-04	1.25E-04	5.27E-03	3.26E-04	0.00E+00	5.40E-06	3.42E-06	3.35E-04	4.15E-04	4.38E-03	4.05E-04	1.25E-04	5.33E-03
4533	492863.09, 3858877.25	0.09103	0.15456	0.05732	0.03672	3.68E-04	4.61E-03	3.66E-04	1.16E-04	5.46E-03	3.35E-04	0.00E+00	4.87E-06	3.16E-06	3.43E-04	4.26E-04	4.61E-03	3.66E-04	1.16E-04	5.52E-03
4534	493363.09, 3858877.25	0.08439	0.13064	0.05697	0.03371	3.41E-04	3.90E-03	3.63E-04	1.06E-04	4.71E-03	3.10E-04	0.00E+00	4.85E-06	2.90E-06	3.18E-04	3.95E-04	3.90E-03	3.63E-04	1.06E-04	4.76E-03
4535	493863.09, 3858877.25	0.07145	0.10181	0.05303	0.02934	2.89E-04	3.04E-03	3.38E-04	9.26E-05	3.76E-03	2.63E-04	0.00E+00	4.51E-06	2.53E-06	2.70E-04	3.34E-04	3.04E-03	3.38E-04	9.26E-05	3.80E-03
4536	494363.09, 3858877.25	0.0663	0.09009	0.05132	0.0271	2.68E-04	2.69E-03	3.27E-04	8.56E-05	3.37E-03	2.44E-04	0.00E+00	4.36E-06	2.33E-06	2.50E-04	3.10E-04	2.69E-03	3.27E-04	8.56E-05	3.41E-03
4537	494863.09, 3858877.25	0.0596	0.07836	0.04404	0.02423	2.41E-04	2.34E-03	2.81E-04	7.65E-05	2.94E-03	2.19E-04	0.00E+00	3.75E-06	2.09E-06	2.25E-04	2.79E-04	2.34E-03	2.81E-04	7.65E-05	2.97E-03
4538	495363.09, 3858877.25	0.05354	0.06841	0.03926	0.02207	2.16E-04	2.04E-03	2.50E-04	6.97E-05	2.58E-03	1.97E-04	0.00E+00	3.34E-06	1.90E-06	2.02E-04	2.50E-04	2.04E-03	2.50E-04	6.97E-05	2.61E-03
4539	495863.09, 3858877.25	0.05061	0.06264	0.03666	0.02059	2.05E-04	1.87E-03	2.34E-04	6.50E-05	2.37E-03	1.86E-04	0.00E+00	3.12E-06	1.77E-06	1.91E-04	2.37E-04	1.87E-03	2.34E-04	6.50E-05	2.40E-03

4540	496363.09, 3858877.25	0.04977	0.05948	0.03537	0.01958	2.01E-04	1.77E-03	2.26E-04	6.18E-05	2.26E-03	1.83E-04	0.00E+00	3.01E-06	1.69E-06	1.88E-04	2.33E-04	1.77E-03	2.26E-04	6.18E-05	2.29E-03
4541	496863.09, 3858877.25	0.04901	0.05676	0.03417	0.01867	1.98E-04	1.69E-03	2.18E-04	5.89E-05	2.17E-03	1.80E-04	0.00E+00	2.91E-06	1.61E-06	1.85E-04	2.29E-04	1.69E-03	2.18E-04	5.89E-05	2.20E-03
4542	497363.09, 3858877.25	0.04806	0.05412	0.03284	0.01783	1.94E-04	1.61E-03	2.09E-04	5.63E-05	2.07E-03	1.77E-04	0.00E+00	2.79E-06	1.54E-06	1.81E-04	2.25E-04	1.61E-03	2.09E-04	5.63E-05	2.11E-03
4543	497863.09, 3858877.25	0.05282	0.0582	0.0349	0.01793	2.14E-04	1.74E-03	2.23E-04	5.66E-05	2.23E-03	1.94E-04	0.00E+00	2.97E-06	1.54E-06	1.99E-04	2.47E-04	1.74E-03	2.23E-04	5.66E-05	2.26E-03
4544	498363.09, 3858877.25	0.05588	0.06274	0.03628	0.01798	2.26E-04	1.87E-03	2.31E-04	5.68E-05	2.39E-03	2.05E-04	0.00E+00	3.09E-06	1.55E-06	2.10E-04	2.61E-04	1.87E-03	2.31E-04	5.68E-05	2.42E-03
4545	471363.09, 3859377.25	0.00916	0.00719	0.00417	0.00348	3.70E-05	2.15E-04	2.66E-05	1.10E-05	2.89E-04	3.37E-05	0.00E+00	3.55E-07	3.00E-07	3.43E-05	4.28E-05	2.15E-04	2.66E-05	1.10E-05	2.95E-04
4546	471863.09, 3859377.25	0.00976	0.00754	0.0043	0.00359	3.95E-05	2.25E-04	2.74E-05	1.13E-05	3.03E-04	3.59E-05	0.00E+00	3.66E-07	3.09E-07	3.66E-05	4.56E-05	2.25E-04	2.74E-05	1.13E-05	3.09E-04
4547	472363.09, 3859377.25	0.01058	0.00828	0.00437	0.00369	4.28E-05	2.47E-04	2.79E-05	1.17E-05	3.29E-04	3.89E-05	0.00E+00	3.72E-07	3.18E-07	3.96E-05	4.95E-05	2.47E-04	2.79E-05	1.17E-05	3.36E-04
4548	472863.09, 3859377.25	0.01139	0.00888	0.00445	0.00378	4.60E-05	2.65E-04	2.84E-05	1.19E-05	3.51E-04	4.19E-05	0.00E+00	3.78E-07	3.25E-07	4.26E-05	5.33E-05	2.65E-04	2.84E-05	1.19E-05	3.59E-04
4549	473363.09, 3859377.25	0.01229	0.00973	0.00448	0.00388	4.97E-05	2.90E-04	2.86E-05	1.23E-05	3.81E-04	4.52E-05	0.00E+00	3.81E-07	3.34E-07	4.59E-05	5.75E-05	2.90E-04	2.86E-05	1.23E-05	3.89E-04
4550	473863.09, 3859377.25	0.01307	0.01004	0.00464	0.00403	5.28E-05	3.00E-04	2.96E-05	1.27E-05	3.95E-04	4.81E-05	0.00E+00	3.95E-07	3.47E-07	4.88E-05	6.11E-05	3.00E-04	2.96E-05	1.27E-05	4.03E-04
4551	474363.09, 3859377.25	0.0128	0.00817	0.00572	0.0044	5.17E-05	2.44E-04	3.65E-05	1.39E-05	3.46E-04	4.71E-05	0.00E+00	4.86E-07	3.79E-07	4.79E-05	5.99E-05	2.44E-04	3.65E-05	1.39E-05	3.54E-04
4552	474863.09, 3859377.25	0.01013	0.00578	0.00478	0.00413	4.09E-05	1.72E-04	3.05E-05	1.30E-05	2.57E-04	3.72E-05	0.00E+00	4.07E-07	3.56E-07	3.80E-05	4.74E-05	1.72E-04	3.05E-05	1.30E-05	2.63E-04
4553	475363.09, 3859377.25	0.00649	0.0042	0.00327	0.00387	2.62E-05	1.25E-04	2.09E-05	1.22E-05	1.85E-04	2.39E-05	0.00E+00	2.78E-07	3.33E-07	2.45E-05	3.04E-05	1.25E-04	2.09E-05	1.22E-05	1.89E-04
4554	475863.09, 3859377.25	0.00399	0.00327	0.00289	0.00384	1.61E-05	9.76E-05	1.84E-05	1.21E-05	1.44E-04	1.47E-05	0.00E+00	2.46E-07	3.31E-07	1.52E-05	1.87E-05	9.76E-05	1.84E-05	1.21E-05	1.47E-04
4555	476363.09, 3859377.25	0.00359	0.00311	0.00295	0.00391	1.45E-05	9.28E-05	1.88E-05	1.23E-05	1.38E-04	1.32E-05	0.00E+00	2.51E-07	3.37E-07	1.38E-05	1.68E-05	9.28E-05	1.88E-05	1.23E-05	1.41E-04
4556	476863.09, 3859377.25	0.00287	0.00279	0.00297	0.00398	1.16E-05	8.32E-05	1.89E-05	1.26E-05	1.26E-04	1.06E-05	0.00E+00	2.53E-07	3.43E-07	1.11E-05	1.34E-05	8.32E-05	1.89E-05	1.26E-05	1.28E-04
4557	477363.09, 3859377.25	0.0032	0.00302	0.00312	0.00415	1.29E-05	9.01E-05	1.99E-05	1.31E-05	1.36E-04	1.18E-05	0.00E+00	2.65E-07	3.57E-07	1.24E-05	1.50E-05	9.01E-05	1.99E-05	1.31E-05	1.38E-04
4558	477863.09, 3859377.25	0.00668	0.00462	0.00358	0.00461	2.70E-05	1.38E-04	2.28E-05	1.46E-05	2.02E-04	2.46E-05	0.00E+00	3.04E-07	3.97E-07	2.53E-05	3.12E-05	1.38E-04	2.28E-05	1.46E-05	2.06E-04
4559	478363.09, 3859377.25	0.01168	0.00658	0.00507	0.00526	4.72E-05	1.96E-04	3.23E-05	1.66E-05	2.92E-04	4.29E-05	0.00E+00	4.31E-07	4.53E-07	4.38E-05	5.46E-05	1.96E-04	3.23E-05	1.66E-05	3.00E-04
4560	478863.09, 3859377.25	0.02005	0.00996	0.00856	0.00629	8.10E-05	2.97E-04	5.46E-05	1.99E-05	4.53E-04	7.37E-05	0.00E+00	7.28E-07	5.42E-07	7.50E-05	9.38E-05	2.97E-04	5.46E-05	1.99E-05	4.65E-04
4561	479363.09, 3859377.25	0.02742	0.01479	0.00971	0.00696	1.11E-04	4.41E-04	6.19E-05	2.20E-05	6.36E-04	1.01E-04	0.00E+00	8.26E-07	5.99E-07	1.02E-04	1.28E-04	4.41E-04	6.19E-05	2.20E-05	6.53E-04
4562	479863.09, 3859377.25	0.0325	0.02118	0.00843	0.00715	1.31E-04	6.32E-04	5.38E-05	2.26E-05	8.40E-04	1.19E-04	0.00E+00	7.17E-07	6.16E-07	1.21E-04	1.52E-04	6.32E-04	5.38E-05	2.26E-05	8.60E-04
4563	480363.09, 3859377.25	0.03605	0.02933	0.00725	0.00699	1.46E-04	8.75E-04	4.62E-05	2.21E-05	1.09E-03	1.33E-04	0.00E+00	6.17E-07	6.02E-07	1.34E-04	1.69E-04	8.75E-04	4.62E-05	2.21E-05	1.11E-03
4564	480863.09, 3859377.25	0.03924	0.03612	0.00732	0.00691	1.59E-04	1.08E-03	4.67E-05	2.18E-05	1.30E-03	1.44E-04	0.00E+00	6.23E-07	5.95E-07	1.45E-04	1.84E-04	1.08E-03	4.67E-05	2.18E-05	1.33E-03
4565	481363.09, 3859377.25	0.04293	0.04193	0.00808	0.00703	1.74E-04	1.25E-03	5.15E-05	2.22E-05	1.50E-03	1.58E-04	0.00E+00	6.87E-07	6.05E-07	1.59E-04	2.01E-04	1.25E-03	5.15E-05	2.22E-05	1.53E-03
4566	481863.09, 3859377.25	0.04685	0.04781	0.00908	0.00747	1.89E-04	1.43E-03	5.79E-05	2.36E-05	1.70E-03	1.72E-04	0.00E+00	7.72E-07	6.43E-07	1.74E-04	2.19E-04	1.43E-03	5.79E-05	2.36E-05	1.73E-03
4567	482363.09, 3859377.25	0.05126	0.05287	0.01022	0.00773	2.07E-04	1.58E-03	6.52E-05	2.44E-05	1.87E-03	1.88E-04	0.00E+00	8.69E-07	6.66E-07	1.90E-04	2.40E-04	1.58E-03	6.52E-05	2.44E-05	1.91E-03
4568	482863.09, 3859377.25	0.05543	0.06272	0.01119	0.00829	2.24E-04	1.87E-03	7.14E-05	2.62E-05	2.19E-03	2.04E-04	0.00E+00	9.52E-07	7.14E-07	2.05E-04	2.59E-04	1.87E-03	7.14E-05	2.62E-05	2.23E-03
4569	483363.09, 3859377.25	0.05878	0.08097	0.01206	0.00872	2.38E-04	2.42E-03	7.69E-05	2.75E-05	2.76E-03	2.16E-04	0.00E+00	1.03E-06	7.51E-07	2.18E-04	2.75E-04	2.42E-03	7.69E-05	2.75E-05	2.79E-03
4570	483863.09, 3859377.25	0.06062	0.09894	0.01251	0.0099	2.45E-04	2.95E-03	7.98E-05	3.13E-05	3.31E-03	2.23E-04	0.00E+00	1.06E-06	8.52E-07	2.25E-04	2.83E-04	2.95E-03	7.98E-05	3.13E-05	3.35E-03
4571	484363.09, 3859377.25	0.06484	0.11676	0.01334	0.01095	2.62E-04	3.48E-03	8.51E-05	3.46E-05	3.87E-03	2.38E-04	0.00E+00	1.13E-06	9.43E-07	2.40E-04	3.03E-04	3.48E-03	8.51E-05	3.46E-05	3.91E-03
4572	484863.09, 3859377.25	0.06855	0.14213	0.01424	0.01246	2.77E-04	4.24E-03	9.08E-05	3.93E-05	4.65E-03	2.52E-04	0.00E+00	1.21E-06	1.07E-06	2.54E-04	3.21E-04	4.24E-03	9.08E-05	3.93E-05	4.69E-03
4573	485363.09, 3859377.25	0.06893	0.1841	0.01531	0.01493	2.79E-04	5.49E-03	9.77E-05	4.71E-05	5.92E-03	2.53E-04	0.00E+00	1.30E-06	1.29E-06	2.56E-04	3.22E-04	5.49E-03	9.77E-05	4.71E-05	5.96E-03
4574	485863.09, 3859377.25	0.06797	0.26123	0.01597	0.01831	2.75E-04	7.79E-03	1.02E-04	5.78E-05	8.23E-03	2.50E-04	0.00E+00	1.36E-06	1.58E-06	2.53E-04	3.18E-04	7.79E-03	1.02E-04	5.78E-05	8.27E-03
4575	486363.09, 3859377.25	0.06745	0.43223	0.01479	0.02602	2.73E-04	1.29E-02	9.43E-05	8.22E-05	1.33E-02	2.48E-04	0.00E+00	1.26E-06	2.24E-06	2.51E-04	3.15E-04	1.29E-02	9.43E-05	8.22E-05	1.34E-02
4576	486863.09, 3859377.25	0.06554	1.76823	0.01252	0.04504	2.65E-04	5.28E-02	7.99E-05	1.42E-04	5.32E-02	2.41E-04	0.00E+00	1.06E-06	3.88E-06	2.46E-04	3.07E-04	5.28E-02	7.99E-05	1.42E-04	5.33E-02
4577	487363.09, 3859377.25	0.06781	2.31288	0.01066	0.07528	2.74E-04	6.90E-02	6.80E-05	2.38E-04	6.96E-02	2.49E-04	0.00E+00	9.07E-07	6.48E-06	2.57E-04	3.17E-04	6.90E-02	6.80E-05	2.38E-04	6.96E-02
4578	487863.09, 3859377.25	0.07033	2.47673	0.01159	0.09868	2.84E-04	7.39E-02	7.39E-05	3.12E-04	7.46E-02	2.59E-04	0.00E+00	9.86E-07	8.50E-06	2.68E-04	3.29E-04	7.39E-02	7.39E-05	3.12E-04	7.46E-02
4579	488363.09, 3859377.25	0.07402	2.89733	0.01146	0.16613	2.99E-04	8.64E-02	7.31E-05	5.25E-04	8.73E-02	2.72E-04	0.00E+00	9.75E-07	1.43E-05	2.87E-04	3.46E-04	8.64E-02	7.31E-05	5.25E-04	8.74E-02
4580	488863.09, 3859377.25	0.07723	1.89509	0.0138	0.19832	3.12E-04	5.65E-02	8.80E-05	6.26E-04	5.76E-02	2.84E-04	0.00E+00	1.17E-06	1.71E-05	3.02E-04	3.61E-04	5.65E-02	8.80E-05	6.26E-04	5.76E-02
4581	489363.09, 3859377.25	0.08074	0.93274	0.01797	0.13865	3.26E-04	2.78E-02	1.15E-04	4.38E-04	2.87E-02	2.97E-04	0.00E+00	1.53E-06	1.19E-05	3.10E-04	3.78E-04	2.78E-02	1.15E-04	4.38E-04	2.88E-02
4582	489863.09, 3859377.25	0.0762	0.64573	0.02261	0.09536	3.08E-04	1.93E-02	1.44E-04	3.01E-04	2.00E-02	2.80E-04	0.00E+00	1.92E-06	8.21E-06	2.90E-04	3.56E-04	1.93E-02	1.44E-04	3.01E-04	2.01E-02
4583	490363.09, 3859377.25	0.07464	0.48371	0.02599	0.07145	3.02E-04	1.44E-02	1.66E-04	2.26E-04	1.51E-02	2.74E-04	0.00E+00	2.21E-06	6.15E-06	2.83E-04	3.49E-04	1.44E-02	1.66E-04	2.26E-04	1.52E-02
4584	490863.09, 3859377.25	0.0782	0.34586	0.02777	0.05825	3.16E-04	1.03E-02	1.77E-04	1.84E-04	1.10E-02	2.88E-04	0.00E+00	2.36E-06	5.02E-06	2.95E-04	3.66E-04	1.03E-02	1.77E-04	1.84E-04	1.10E-02
4585	491363.09, 3859377.25	0.07823	0.21326	0.03221	0.05123	3.16E-04	6.36E-03	2.05E-04	1.62E-04	7.05E-03	2.88E-04	0.00E+00	2.74E-06	4.41E-06	2.95E-04	3.66E-04	6.36E-03	2.05E-04	1.62E-04	7.10E-03
4586	491863.09, 3859377.25	0.08292	0.22847	0.03244	0.0433	3.35E-04	6.82E-03	2.07E-04	1.37E-04	7.49E-03	3.05E-04	0.00E+00	2.76E-06	3.73E-06	3.11E-04	3.88E-04	6.82E-03	2.07E-04	1.37E-04	7.55E-03
4587	492363.09, 3859377.25	0.08093	0.20125	0.03375	0.03823	3.27E-04	6.00E-03	2.15E-04	1.21E-04	6.67E-03	2.98E-04	0.00E+00	2.87E-06	3.29E-06	3.04E-04	3.78E-04	6.00E-03	2.15E-04	1.21E-04	6.72E-03
4588	492863.09, 3859377.25	0.07768	0.18283	0.03446	0.03427	3.14E-04	5.45E-03	2.20E-04	1.08E-04	6.10E-03	2.86E-04	0.00E+00	2.93E-06	2.95E-06	2.91E-04	3.63E-04	5.45E-03	2.20E-04	1.08E-04	6.15E-03
4589	493363.09, 3859377.25	0.07308	0.15155	0.03705	0.03145	2.95E-04	4.52E-03	2.36E-04	9.93E-05	5.15E-03	2.69E-04	0.00E+00	3.15E-06	2.71E-06	2.75E-04	3.42E-04	4.52E-03	2.36E-04	9.93E-05	5.20E-03
4590	493863.09, 3859377.25	0.07021	0.13705	0.03675	0.02902	2.84E-04	4.09E-03	2.34E-04	9.16E-05	4.70E-03	2.58E-04	0.00E+00	3.13E-06	2.50E-06	2.64E-04	3.28E-04	4.09E-03	2.34E-04	9.16E-05	4.74E-03
4591	494363.09, 3859377.25	0.06672	0.11897	0.03686	0.02674	2.70E-04	3.55E-03	2.35E-04	8.44E-05	4.14E-03	2.45E-04	0.00E+00	3.13E-06	2.30E-06	2.51E-04	3.12E-04	3.55E-03	2.35E-04	8.44E-05	4.18E-03
4592	494863.09, 3859377.25	0.06037	0.09594	0.03638	0.02409	2.44E-04	2.86E-03	2.32E-04	7.61E-05	3.41E-03	2.22E-04	0.00E+00	3.09E-06	2.07E-06	2.27E-04	2.82E-04	2.86E-03	2.32E-04	7.61E-05	3.45E-03
4593	495363.09, 3859377.25	0.05772	0.08776	0.03497	0.02237	2.33E-04	2.62E-03	2.23E-04	7.06E-05	3.15E-03	2.12E-04	0.00E+00	2.97E-06	1.93E-06	2.17E-04	2.70E-04	2.62E-03	2.23E-04	7.06E-05	3.18E-03
4594	495863.09, 3859377.25	0.05411	0.07807	0.03342	0.02055	2.19E-04	2.33E-03	2.13E-04	6.49E-05	2.83E-03	1.99E-04	0.00E+00	2.84E-06	1.77E-06	2.04E-04	2.53E-04	2.33E-03	2.13E-04	6.49E-05	2.86E-03
4595	496363.09, 3859377.25	0.05345	0.07454	0.03311	0.01952	2.16E-04	2.22E-03	2.11E-04	6.16E-05	2.71E-03	1.97E-04	0.00E+00	2.82E-06	1.68E-06	2.01E-04	2.50E-04	2.22E-03	2.11E-04	6.16E-05	2.75E-03
4596	496863.09, 3859377.25	0.04906	0.06481	0.03112	0.01781	1.98E-04	1.93E-03	1.98E-04	5.62E-05	2.39E-03	1.80E-04	0.00E+00	2.65E-06	1.53E-06	1.85E-04	2.29E-04	1.93E-03	1.98E-04	5.62E-05	2.42E-03
4597	497363.09, 3859377.25	0.05023	0.06516	0.03195	0.01739	2.03E-04	1.94E-03	2.04E-04	5.49E-05	2.41E-03	1.85E-04	0.00E+00	2.72E-06	1.50E-06	1.89E-04	2.35E-04	1.94E-03	2.04E-04	5.49E-05	2.44E-03
4598	497863.09, 3859377.25	0.0522	0.06939	0.03248	0.01726	2.11E-04	2.07E-03	2.07E-04	5.45E-05	2.54E-03	1.92E-04	0.00E+00	2.76E-06	1.49E-06	1.96E-04	2.44E-04	2.07E-03	2.07E-04	5.45E-05	2.58E-03

4599	498363.09, 3859377.25	0.0522	0.07188	0.03126	0.01668	2.11E-04	2.14E-03	1.99E-04	5.27E-05	2.61E-03	1.92E-04	0.00E+00	2.66E-06	1.44E-06	1.96E-04	2.44E-04	2.14E-03	1.99E-04	5.27E-05	2.64E-03
4600	471363.09, 3859877.25	0.00957	0.00769	0.00366	0.00337	3.87E-05	2.29E-04	2.33E-05	1.06E-05	3.02E-04	3.52E-05	0.00E+00	3.11E-07	2.90E-07	3.58E-05	4.48E-05	2.29E-04	2.33E-05	1.06E-05	3.08E-04
4601	471863.09, 3859877.25	0.01021	0.00819	0.00367	0.00345	4.13E-05	2.44E-04	2.34E-05	1.09E-05	3.20E-04	3.75E-05	0.00E+00	3.12E-07	2.97E-07	3.81E-05	4.77E-05	2.44E-04	2.34E-05	1.09E-05	3.26E-04
4602	472363.09, 3859877.25	0.01084	0.00857	0.00372	0.00356	4.38E-05	2.56E-04	2.37E-05	1.12E-05	3.34E-04	3.99E-05	0.00E+00	3.16E-07	3.07E-07	4.05E-05	5.07E-05	2.56E-04	2.37E-05	1.12E-05	3.41E-04
4603	472863.09, 3859877.25	0.01162	0.00942	0.00367	0.00368	4.70E-05	2.81E-04	2.34E-05	1.16E-05	3.63E-04	4.27E-05	0.00E+00	3.12E-07	3.17E-07	4.33E-05	5.43E-05	2.81E-04	2.34E-05	1.16E-05	3.70E-04
4604	473363.09, 3859877.25	0.01241	0.0103	0.00366	0.00381	5.02E-05	3.07E-04	2.33E-05	1.20E-05	3.93E-04	4.56E-05	0.00E+00	3.11E-07	3.28E-07	4.63E-05	5.80E-05	3.07E-04	2.33E-05	1.20E-05	4.01E-04
4605	473863.09, 3859877.25	0.0132	0.01097	0.00372	0.00397	5.34E-05	3.27E-04	2.37E-05	1.25E-05	4.17E-04	4.85E-05	0.00E+00	3.16E-07	3.42E-07	4.92E-05	6.17E-05	3.27E-04	2.37E-05	1.25E-05	4.25E-04
4606	474363.09, 3859877.25	0.01335	0.00934	0.00525	0.0045	5.40E-05	2.79E-04	3.35E-05	1.42E-05	3.80E-04	4.91E-05	0.00E+00	4.46E-07	3.87E-07	4.99E-05	6.24E-05	2.79E-04	3.35E-05	1.42E-05	3.89E-04
4607	474863.09, 3859877.25	0.01255	0.0074	0.00572	0.00446	5.07E-05	2.21E-04	3.65E-05	1.41E-05	3.22E-04	4.61E-05	0.00E+00	4.86E-07	3.84E-07	4.70E-05	5.87E-05	2.21E-04	3.65E-05	1.41E-05	3.30E-04
4608	475363.09, 3859877.25	0.00826	0.00472	0.00362	0.00387	3.34E-05	1.41E-04	2.31E-05	1.22E-05	2.10E-04	3.04E-05	0.00E+00	3.08E-07	3.33E-07	3.10E-05	3.86E-05	1.41E-04	2.31E-05	1.22E-05	2.15E-04
4609	475863.09, 3859877.25	0.00393	0.00305	0.00285	0.00367	1.59E-05	9.10E-05	1.82E-05	1.16E-05	1.37E-04	1.44E-05	0.00E+00	2.42E-07	3.16E-07	1.50E-05	1.84E-05	9.10E-05	1.82E-05	1.16E-05	1.39E-04
4610	476363.09, 3859877.25	0.00225	0.00225	0.0028	0.00355	9.09E-06	6.71E-05	1.79E-05	1.12E-05	1.05E-04	8.27E-06	0.00E+00	2.38E-07	3.06E-07	8.82E-06	1.05E-05	6.71E-05	1.79E-05	1.12E-05	1.07E-04
4611	476863.09, 3859877.25	0.00267	0.00255	0.00316	0.00376	1.08E-05	7.61E-05	2.02E-05	1.19E-05	1.19E-04	9.82E-06	0.00E+00	2.69E-07	3.24E-07	1.04E-05	1.25E-05	7.61E-05	2.02E-05	1.19E-05	1.21E-04
4612	477363.09, 3859877.25	0.00294	0.00273	0.00343	0.00393	1.19E-05	8.14E-05	2.19E-05	1.24E-05	1.28E-04	1.08E-05	0.00E+00	2.92E-07	3.38E-07	1.14E-05	1.37E-05	8.14E-05	2.19E-05	1.24E-05	1.29E-04
4613	477863.09, 3859877.25	0.0059	0.00412	0.00394	0.00438	2.38E-05	1.23E-04	2.51E-05	1.38E-05	1.86E-04	2.17E-05	0.00E+00	3.35E-07	3.77E-07	2.24E-05	2.76E-05	1.23E-04	2.51E-05	1.38E-05	1.89E-04
4614	478363.09, 3859877.25	0.01169	0.00635	0.00624	0.00503	4.73E-05	1.89E-04	3.98E-05	1.59E-05	2.92E-04	4.30E-05	0.00E+00	5.31E-07	4.33E-07	4.39E-05	5.47E-05	1.89E-04	3.98E-05	1.59E-05	3.00E-04
4615	478863.09, 3859877.25	0.01929	0.00984	0.0109	0.00599	7.80E-05	2.94E-04	6.95E-05	1.89E-05	4.60E-04	7.09E-05	0.00E+00	9.27E-07	5.16E-07	7.24E-05	9.02E-05	2.94E-04	6.95E-05	1.89E-05	4.72E-04
4616	479363.09, 3859877.25	0.02596	0.01584	0.01121	0.00674	1.05E-04	4.73E-04	7.15E-05	2.13E-05	6.70E-04	9.54E-05	0.00E+00	9.53E-07	5.80E-07	9.70E-05	1.21E-04	4.73E-04	7.15E-05	2.13E-05	6.87E-04
4617	479863.09, 3859877.25	0.02945	0.02248	0.00931	0.00663	1.19E-04	6.71E-04	5.94E-05	2.09E-05	8.70E-04	1.08E-04	0.00E+00	7.92E-07	5.71E-07	1.10E-04	1.38E-04	6.71E-04	5.94E-05	2.09E-05	8.89E-04
4618	480363.09, 3859877.25	0.03212	0.02985	0.00851	0.00617	1.30E-04	8.91E-04	5.43E-05	1.95E-05	1.09E-03	1.18E-04	0.00E+00	7.24E-07	5.31E-07	1.19E-04	1.50E-04	8.91E-04	5.43E-05	1.95E-05	1.11E-03
4619	480863.09, 3859877.25	0.03476	0.03546	0.00893	0.00617	1.41E-04	1.06E-03	5.70E-05	1.95E-05	1.27E-03	1.28E-04	0.00E+00	7.59E-07	5.31E-07	1.29E-04	1.63E-04	1.06E-03	5.70E-05	1.95E-05	1.30E-03
4620	481363.09, 3859877.25	0.03712	0.04057	0.00943	0.00636	1.50E-04	1.21E-03	6.01E-05	2.01E-05	1.44E-03	1.36E-04	0.00E+00	8.02E-07	5.48E-07	1.38E-04	1.74E-04	1.21E-03	6.01E-05	2.01E-05	1.46E-03
4621	481863.09, 3859877.25	0.03976	0.04561	0.00995	0.00666	1.61E-04	1.36E-03	6.35E-05	2.10E-05	1.61E-03	1.46E-04	0.00E+00	8.46E-07	5.73E-07	1.48E-04	1.86E-04	1.36E-03	6.35E-05	2.10E-05	1.63E-03
4622	482363.09, 3859877.25	0.04329	0.05159	0.01041	0.00698	1.75E-04	1.54E-03	6.64E-05	2.20E-05	1.80E-03	1.59E-04	0.00E+00	8.85E-07	6.01E-07	1.61E-04	2.02E-04	1.54E-03	6.64E-05	2.20E-05	1.83E-03
4623	482863.09, 3859877.25	0.047	0.05888	0.01082	0.00746	1.90E-04	1.76E-03	6.90E-05	2.36E-05	2.04E-03	1.73E-04	0.00E+00	9.20E-07	6.42E-07	1.74E-04	2.20E-04	1.76E-03	6.90E-05	2.36E-05	2.07E-03
4624	483363.09, 3859877.25	0.05056	0.06782	0.01117	0.00791	2.04E-04	2.02E-03	7.12E-05	2.50E-05	2.32E-03	1.86E-04	0.00E+00	9.50E-07	6.81E-07	1.88E-04	2.36E-04	2.02E-03	7.12E-05	2.50E-05	2.36E-03
4625	483863.09, 3859877.25	0.05141	0.08582	0.01147	0.00873	2.08E-04	2.56E-03	7.32E-05	2.76E-05	2.87E-03	1.89E-04	0.00E+00	9.75E-07	7.52E-07	1.91E-04	2.40E-04	2.56E-03	7.32E-05	2.76E-05	2.90E-03
4626	484363.09, 3859877.25	0.05349	0.0999	0.01226	0.00966	2.16E-04	2.98E-03	7.82E-05	3.05E-05	3.31E-03	1.97E-04	0.00E+00	1.04E-06	8.32E-07	1.99E-04	2.50E-04	2.98E-03	7.82E-05	3.05E-05	3.34E-03
4627	484863.09, 3859877.25	0.05484	0.11887	0.01308	0.0108	2.22E-04	3.55E-03	8.34E-05	3.41E-05	3.89E-03	2.02E-04	0.00E+00	1.11E-06	9.30E-07	2.04E-04	2.56E-04	3.55E-03	8.34E-05	3.41E-05	3.92E-03
4628	485363.09, 3859877.25	0.05415	0.14639	0.01329	0.01189	2.19E-04	4.37E-03	8.48E-05	3.75E-05	4.71E-03	1.99E-04	0.00E+00	1.13E-06	1.02E-06	2.01E-04	2.53E-04	4.37E-03	8.48E-05	3.75E-05	4.74E-03
4629	485863.09, 3859877.25	0.05291	0.18855	0.01216	0.01425	2.14E-04	5.63E-03	7.76E-05	4.50E-05	5.96E-03	1.95E-04	0.00E+00	1.03E-06	1.23E-06	1.97E-04	2.47E-04	5.63E-03	7.76E-05	4.50E-05	6.00E-03
4630	486363.09, 3859877.25	0.05238	0.24654	0.01045	0.01831	2.12E-04	7.36E-03	6.67E-05	5.78E-05	7.69E-03	1.93E-04	0.00E+00	8.89E-07	1.58E-06	1.95E-04	2.45E-04	7.36E-03	6.67E-05	5.78E-05	7.72E-03
4631	486863.09, 3859877.25	0.05189	0.33065	0.00857	0.02541	2.10E-04	9.86E-03	5.47E-05	8.02E-05	1.02E-02	1.91E-04	0.00E+00	7.29E-07	2.19E-06	1.94E-04	2.43E-04	9.86E-03	5.47E-05	8.02E-05	1.02E-02
4632	487363.09, 3859877.25	0.05242	0.48889	0.00773	0.03895	2.12E-04	1.46E-02	4.93E-05	1.23E-04	1.50E-02	1.93E-04	0.00E+00	6.57E-07	3.35E-06	1.97E-04	2.45E-04	1.46E-02	4.93E-05	1.23E-04	1.50E-02
4633	487863.09, 3859877.25	0.05455	2.06431	0.00947	0.08257	2.21E-04	6.16E-02	6.04E-05	2.61E-04	6.21E-02	2.01E-04	0.00E+00	8.05E-07	7.11E-06	2.08E-04	2.55E-04	6.16E-02	6.04E-05	2.61E-04	6.22E-02
4634	488363.09, 3859877.25	0.05602	2.55276	0.00892	0.15436	2.26E-04	7.62E-02	5.69E-05	4.87E-04	7.69E-02	2.06E-04	0.00E+00	7.59E-07	1.33E-05	2.20E-04	2.62E-04	7.62E-02	5.69E-05	4.87E-04	7.70E-02
4635	488863.09, 3859877.25	0.05845	1.08806	0.00859	0.28678	2.36E-04	3.25E-02	5.48E-05	9.05E-04	3.37E-02	2.15E-04	0.00E+00	7.31E-07	2.47E-05	2.40E-04	2.73E-04	3.25E-02	5.48E-05	9.05E-04	3.37E-02
4636	489363.09, 3859877.25	0.06026	0.79062	0.01243	0.14703	2.44E-04	2.36E-02	7.93E-05	4.64E-04	2.44E-02	2.22E-04	0.00E+00	1.06E-06	1.27E-05	2.35E-04	2.82E-04	2.36E-02	7.93E-05	4.64E-04	2.44E-02
4637	489863.09, 3859877.25	0.06283	0.61809	0.01404	0.08909	2.54E-04	1.84E-02	8.96E-05	2.81E-04	1.91E-02	2.31E-04	0.00E+00	1.19E-06	7.67E-06	2.40E-04	2.94E-04	1.84E-02	8.96E-05	2.81E-04	1.91E-02
4638	490363.09, 3859877.25	0.05915	0.50059	0.01579	0.06301	2.39E-04	1.49E-02	1.01E-04	1.99E-04	1.55E-02	2.17E-04	0.00E+00	1.34E-06	5.43E-06	2.24E-04	2.77E-04	1.49E-02	1.01E-04	1.99E-04	1.55E-02
4639	490863.09, 3859877.25	0.05732	0.39885	0.01745	0.04824	2.32E-04	1.19E-02	1.11E-04	1.52E-04	1.24E-02	2.11E-04	0.00E+00	1.48E-06	4.15E-06	2.16E-04	2.68E-04	1.19E-02	1.11E-04	1.52E-04	1.24E-02
4640	491363.09, 3859877.25	0.05752	0.333	0.01882	0.03991	2.33E-04	9.93E-03	1.20E-04	1.26E-04	1.04E-02	2.11E-04	0.00E+00	1.60E-06	3.44E-06	2.17E-04	2.69E-04	9.93E-03	1.20E-04	1.26E-04	1.04E-02
4641	491863.09, 3859877.25	0.0603	0.27899	0.01961	0.03426	2.44E-04	8.32E-03	1.25E-04	1.08E-04	8.80E-03	2.22E-04	0.00E+00	1.67E-06	2.95E-06	2.26E-04	2.82E-04	8.32E-03	1.25E-04	1.08E-04	8.84E-03
4642	492363.09, 3859877.25	0.06332	0.23805	0.02078	0.03029	2.56E-04	7.10E-03	1.33E-04	9.56E-05	7.59E-03	2.33E-04	0.00E+00	1.77E-06	2.61E-06	2.37E-04	2.96E-04	7.10E-03	1.33E-04	9.56E-05	7.63E-03
4643	492863.09, 3859877.25	0.06461	0.19931	0.02167	0.02742	2.61E-04	5.95E-03	1.38E-04	8.66E-05	6.43E-03	2.38E-04	0.00E+00	1.84E-06	2.36E-06	2.42E-04	3.02E-04	5.95E-03	1.38E-04	8.66E-05	6.47E-03
4644	493363.09, 3859877.25	0.06341	0.17346	0.02228	0.02512	2.56E-04	5.17E-03	1.42E-04	7.93E-05	5.65E-03	2.33E-04	0.00E+00	1.89E-06	2.16E-06	2.37E-04	2.97E-04	5.17E-03	1.42E-04	7.93E-05	5.69E-03
4645	493863.09, 3859877.25	0.06122	0.15255	0.02285	0.02326	2.47E-04	4.55E-03	1.46E-04	7.34E-05	5.02E-03	2.25E-04	0.00E+00	1.94E-06	2.00E-06	2.29E-04	2.86E-04	4.55E-03	1.46E-04	7.34E-05	5.06E-03
4646	494363.09, 3859877.25	0.05848	0.1318	0.02404	0.02181	2.36E-04	3.93E-03	1.53E-04	6.89E-05	4.39E-03	2.15E-04	0.00E+00	2.04E-06	1.88E-06	2.19E-04	2.73E-04	3.93E-03	1.53E-04	6.89E-05	4.43E-03
4647	494863.09, 3859877.25	0.05638	0.11965	0.02471	0.02048	2.28E-04	3.57E-03	1.58E-04	6.47E-05	4.02E-03	2.07E-04	0.00E+00	2.10E-06	1.76E-06	2.11E-04	2.64E-04	3.57E-03	1.58E-04	6.47E-05	4.06E-03
4648	495363.09, 3859877.25	0.05439	0.10624	0.02569	0.01944	2.20E-04	3.17E-03	1.64E-04	6.14E-05	3.61E-03	2.00E-04	0.00E+00	2.18E-06	1.67E-06	2.04E-04	2.54E-04	3.17E-03	1.64E-04	6.14E-05	3.65E-03
4649	495863.09, 3859877.25	0.05236	0.09406	0.02646	0.01851	2.12E-04	2.81E-03	1.69E-04	5.84E-05	3.24E-03	1.93E-04	0.00E+00	2.25E-06	1.59E-06	1.96E-04	2.45E-04	2.81E-03	1.69E-04	5.84E-05	3.28E-03
4650	496363.09, 3859877.25	0.0491	0.07937	0.0272	0.01742	1.98E-04	2.37E-03	1.73E-04	5.50E-05	2.79E-03	1.81E-04	0.00E+00	2.31E-06	1.50E-06	1.84E-04	2.30E-04	2.37E-03	1.73E-04	5.50E-05	2.83E-03
4651	496863.09, 3859877.25	0.03975	0.0578	0.02318	0.01482	1.61E-04	1.72E-03	1.48E-04	4.68E-05	2.08E-03	1.46E-04	0.00E+00	1.97E-06	1.28E-06	1.49E-04	1.86E-04	1.72E-03	1.48E-04	4.68E-05	2.10E-03
4652	497363.09, 3859877.25	0.04507	0.0664	0.02549	0.01562	1.82E-04	1.98E-03	1.63E-04	4.93E-05	2.38E-03	1.66E-04	0.00E+00	2.17E-06	1.35E-06	1.69E-04	2.11E-04	1.98E-03	1.63E-04	4.93E-05	2.40E-03
4653	497863.09, 3859877.25	0.04672	0.0744	0.02421	0.01535	1.89E-04	2.22E-03	1.54E-04	4.85E-05	2.61E-03	1.72E-04	0.00E+00	2.06E-06	1.32E-06	1.75E-04	2.18E-04	2.22E-03	1.54E-04	4.85E-05	2.64E-03
4654	498363.09, 3859877.25	0.04626	0.07591	0.02361	0.01451	1.87E-04	2.26E-03	1.51E-04	4.58E-05	2.65E-03	1.70E-04	0.00E+00	2.01E-06	1.25E-06	1.73E-04	2.16E-04	2.26E-03	1.51E-04	4.58E-05	2.68E-03
4655	471363.09, 3860377.25	0.00982	0.00822	0.00307	0.00326	3.97E-05	2.45E-04	1.96E-05	1.03E-05	3.15E-04	3.61E-05	0.00E+00	2.61E-07	2.81E-07	3.66E-05	4.59E-05	2.45E-04	1.96E-05	1.03E-05	3.21E-04
4656	471863.09, 3860377.25	0.0104	0.00872	0.00316	0.00338	4.20E-05	2.60E-04	2.02E-05	1.07E-05	3.33E-04	3.82E-05	0.00E+00	2.69E-07	2.91E-07	3.88E-05	4.86E-05	2.60E-04	2.02E-05	1.07E-05	3.40E-04
4657	472363.09, 3860377.25	0.01104	0.00941	0.00323	0.0035	4.46E-05	2.81E-04	2.06E-05	1.11E-05	3.57E-04	4.06E-05	0.00E+00	2.75E-07	3.01E-07	4.12E-05	5.16E-05	2.81E-04	2.06E-05	1.11E-05	3.64E-04

4658	472863.09, 3860377.25	0.01175	0.01027	0.00329	0.0036	4.75E-05	3.06E-04	2.10E-05	1.14E-05	3.86E-04	4.32E-05	0.00E+00	2.80E-07	3.10E-07	4.38E-05	5.50E-05	3.06E-04	2.10E-05	1.14E-05	3.94E-04
4659	473363.09, 3860377.25	0.01255	0.01101	0.00342	0.0037	5.07E-05	3.28E-04	2.18E-05	1.17E-05	4.13E-04	4.61E-05	0.00E+00	2.91E-07	3.19E-07	4.67E-05	5.87E-05	3.28E-04	2.18E-05	1.17E-05	4.21E-04
4660	473863.09, 3860377.25	0.0135	0.01147	0.00369	0.00382	5.46E-05	3.42E-04	2.35E-05	1.21E-05	4.32E-04	4.96E-05	0.00E+00	3.14E-07	3.29E-07	5.03E-05	6.31E-05	3.42E-04	2.35E-05	1.21E-05	4.41E-04
4661	474363.09, 3860377.25	0.01445	0.01106	0.00434	0.00402	5.84E-05	3.30E-04	2.77E-05	1.27E-05	4.29E-04	5.31E-05	0.00E+00	3.69E-07	3.46E-07	5.38E-05	6.76E-05	3.30E-04	2.77E-05	1.27E-05	4.38E-04
4662	474863.09, 3860377.25	0.01508	0.00995	0.00663	0.00454	6.10E-05	2.97E-04	4.23E-05	1.43E-05	4.14E-04	5.54E-05	0.00E+00	5.64E-07	3.91E-07	5.64E-05	7.05E-05	2.97E-04	4.23E-05	1.43E-05	4.24E-04
4663	475363.09, 3860377.25	0.01432	0.00803	0.0079	0.00449	5.79E-05	2.40E-04	5.04E-05	1.42E-05	3.62E-04	5.26E-05	0.00E+00	6.72E-07	3.87E-07	5.37E-05	6.70E-05	2.40E-04	5.04E-05	1.42E-05	3.71E-04
4664	475863.09, 3860377.25	0.01237	0.00644	0.00695	0.00423	5.00E-05	1.92E-04	4.43E-05	1.34E-05	3.00E-04	4.55E-05	0.00E+00	5.91E-07	3.64E-07	4.64E-05	5.78E-05	1.92E-04	4.43E-05	1.34E-05	3.08E-04
4665	476363.09, 3860377.25	0.00959	0.00516	0.00534	0.00404	3.88E-05	1.54E-04	3.41E-05	1.28E-05	2.40E-04	3.53E-05	0.00E+00	4.54E-07	3.48E-07	3.61E-05	4.48E-05	1.54E-04	3.41E-05	1.28E-05	2.46E-04
4666	476863.09, 3860377.25	0.00848	0.00478	0.00507	0.00411	3.43E-05	1.43E-04	3.23E-05	1.30E-05	2.22E-04	3.12E-05	0.00E+00	4.31E-07	3.54E-07	3.20E-05	3.97E-05	1.43E-04	3.23E-05	1.30E-05	2.28E-04
4667	477363.09, 3860377.25	0.00479	0.00342	0.00434	0.00395	1.94E-05	1.02E-04	2.77E-05	1.25E-05	1.62E-04	1.76E-05	0.00E+00	3.69E-07	3.40E-07	1.83E-05	2.24E-05	1.02E-04	2.77E-05	1.25E-05	1.65E-04
4668	477863.09, 3860377.25	0.00638	0.00407	0.00501	0.00419	2.58E-05	1.21E-04	3.20E-05	1.32E-05	1.92E-04	2.35E-05	0.00E+00	4.26E-07	3.61E-07	2.42E-05	2.98E-05	1.21E-04	3.20E-05	1.32E-05	1.96E-04
4669	478363.09, 3860377.25	0.01285	0.00668	0.00788	0.00494	5.19E-05	1.99E-04	5.03E-05	1.56E-05	3.17E-04	4.72E-05	0.00E+00	6.70E-07	4.25E-07	4.83E-05	6.01E-05	1.99E-04	5.03E-05	1.56E-05	3.25E-04
4670	478863.09, 3860377.25	0.01862	0.01007	0.00894	0.00548	7.53E-05	3.00E-04	5.70E-05	1.73E-05	4.50E-04	6.85E-05	0.00E+00	7.60E-07	4.72E-07	6.97E-05	8.71E-05	3.00E-04	5.70E-05	1.73E-05	4.62E-04
4671	479363.09, 3860377.25	0.02364	0.01556	0.0091	0.00599	9.56E-05	4.64E-04	5.80E-05	1.89E-05	6.37E-04	8.69E-05	0.00E+00	7.74E-07	5.16E-07	8.82E-05	1.11E-04	4.64E-04	5.80E-05	1.89E-05	6.52E-04
4672	479863.09, 3860377.25	0.02661	0.0228	0.00855	0.00584	1.08E-04	6.80E-04	5.45E-05	1.84E-05	8.61E-04	9.78E-05	0.00E+00	7.27E-07	5.03E-07	9.91E-05	1.24E-04	6.80E-04	5.45E-05	1.84E-05	8.78E-04
4673	480363.09, 3860377.25	0.02848	0.02938	0.0085	0.00565	1.15E-04	8.77E-04	5.42E-05	1.78E-05	1.06E-03	1.05E-04	0.00E+00	7.23E-07	4.87E-07	1.06E-04	1.33E-04	8.77E-04	5.42E-05	1.78E-05	1.08E-03
4674	480863.09, 3860377.25	0.03001	0.03442	0.0087	0.00567	1.21E-04	1.03E-03	5.55E-05	1.79E-05	1.22E-03	1.10E-04	0.00E+00	7.40E-07	4.88E-07	1.12E-04	1.40E-04	1.03E-03	5.55E-05	1.79E-05	1.24E-03
4675	481363.09, 3860377.25	0.03198	0.03861	0.00898	0.00594	1.29E-04	1.15E-03	5.73E-05	1.88E-05	1.36E-03	1.18E-04	0.00E+00	7.64E-07	5.11E-07	1.19E-04	1.50E-04	1.15E-03	5.73E-05	1.88E-05	1.38E-03
4676	481863.09, 3860377.25	0.0349	0.04398	0.00918	0.00613	1.41E-04	1.31E-03	5.86E-05	1.94E-05	1.53E-03	1.28E-04	0.00E+00	7.81E-07	5.28E-07	1.30E-04	1.63E-04	1.31E-03	5.86E-05	1.94E-05	1.55E-03
4677	482363.09, 3860377.25	0.03806	0.04878	0.00938	0.00646	1.54E-04	1.46E-03	5.98E-05	2.04E-05	1.69E-03	1.40E-04	0.00E+00	7.98E-07	5.56E-07	1.41E-04	1.78E-04	1.46E-03	5.98E-05	2.04E-05	1.71E-03
4678	482863.09, 3860377.25	0.04051	0.05396	0.00983	0.00677	1.64E-04	1.61E-03	6.27E-05	2.14E-05	1.86E-03	1.49E-04	0.00E+00	8.36E-07	5.83E-07	1.50E-04	1.89E-04	1.61E-03	6.27E-05	2.14E-05	1.88E-03
4679	483363.09, 3860377.25	0.04298	0.06294	0.0106	0.00724	1.74E-04	1.88E-03	6.76E-05	2.29E-05	2.14E-03	1.58E-04	0.00E+00	9.01E-07	6.23E-07	1.60E-04	2.01E-04	1.88E-03	6.76E-05	2.29E-05	2.17E-03
4680	483863.09, 3860377.25	0.04564	0.07074	0.01131	0.00787	1.84E-04	2.11E-03	7.21E-05	2.48E-05	2.39E-03	1.68E-04	0.00E+00	9.62E-07	6.78E-07	1.69E-04	2.13E-04	2.11E-03	7.21E-05	2.48E-05	2.42E-03
4681	484363.09, 3860377.25	0.04483	0.0843	0.01131	0.00858	1.81E-04	2.51E-03	7.21E-05	2.71E-05	2.80E-03	1.65E-04	0.00E+00	9.62E-07	7.39E-07	1.67E-04	2.10E-04	2.51E-03	7.21E-05	2.71E-05	2.82E-03
4682	484863.09, 3860377.25	0.04513	0.09802	0.01126	0.00901	1.82E-04	2.92E-03	7.18E-05	2.84E-05	3.21E-03	1.66E-04	0.00E+00	9.58E-07	7.76E-07	1.68E-04	2.11E-04	2.92E-03	7.18E-05	2.84E-05	3.24E-03
4683	485363.09, 3860377.25	0.04351	0.11641	0.01036	0.00959	1.76E-04	3.47E-03	6.61E-05	3.03E-05	3.75E-03	1.60E-04	0.00E+00	8.81E-07	8.26E-07	1.62E-04	2.03E-04	3.47E-03	6.61E-05	3.03E-05	3.77E-03
4684	485863.09, 3860377.25	0.04292	0.14195	0.00921	0.01087	1.73E-04	4.23E-03	5.87E-05	3.43E-05	4.50E-03	1.58E-04	0.00E+00	7.83E-07	9.36E-07	1.60E-04	2.01E-04	4.23E-03	5.87E-05	3.43E-05	4.53E-03
4685	486363.09, 3860377.25	0.04206	0.17392	0.00756	0.01291	1.70E-04	5.19E-03	4.82E-05	4.08E-05	5.45E-03	1.55E-04	0.00E+00	6.43E-07	1.11E-06	1.56E-04	1.97E-04	5.19E-03	4.82E-05	4.08E-05	5.47E-03
4686	486863.09, 3860377.25	0.04146	0.22098	0.00706	0.01691	1.68E-04	6.59E-03	4.50E-05	5.34E-05	6.86E-03	1.52E-04	0.00E+00	6.00E-07	1.46E-06	1.54E-04	1.94E-04	6.59E-03	4.50E-05	5.34E-05	6.88E-03
4687	487363.09, 3860377.25	0.04181	0.34314	0.00673	0.0241	1.69E-04	1.02E-02	4.29E-05	7.61E-05	1.05E-02	1.54E-04	0.00E+00	5.72E-07	2.08E-06	1.56E-04	1.96E-04	1.02E-02	4.29E-05	7.61E-05	1.06E-02
4688	487863.09, 3860377.25	0.04313	1.74554	0.00858	0.04693	1.74E-04	5.21E-02	5.47E-05	1.48E-04	5.25E-02	1.59E-04	0.00E+00	7.30E-07	4.04E-06	1.63E-04	2.02E-04	5.21E-02	5.47E-05	1.48E-04	5.25E-02
4689	488363.09, 3860377.25	0.0439	2.48541	0.00788	0.10854	1.77E-04	7.41E-02	5.03E-05	3.43E-04	7.47E-02	1.61E-04	0.00E+00	6.70E-07	9.35E-06	1.71E-04	2.05E-04	7.41E-02	5.03E-05	3.43E-04	7.47E-02
4690	488863.09, 3860377.25	0.04591	2.71093	0.00643	0.14171	1.86E-04	8.09E-02	4.10E-05	4.47E-04	8.16E-02	1.69E-04	0.00E+00	5.47E-07	1.22E-05	1.82E-04	2.15E-04	8.09E-02	4.10E-05	4.47E-04	8.16E-02
4691	489363.09, 3860377.25	0.04691	1.21347	0.00835	0.0723	1.90E-04	3.62E-02	5.33E-05	2.28E-04	3.67E-02	1.72E-04	0.00E+00	7.10E-07	6.23E-06	1.79E-04	2.19E-04	3.62E-02	5.33E-05	2.28E-04	3.67E-02
4692	489863.09, 3860377.25	0.0482	0.62939	0.01109	0.04862	1.95E-04	1.88E-02	7.07E-05	1.54E-04	1.92E-02	1.77E-04	0.00E+00	9.43E-07	4.19E-06	1.82E-04	2.25E-04	1.88E-02	7.07E-05	1.54E-04	1.92E-02
4693	490363.09, 3860377.25	0.04995	0.44391	0.01151	0.03807	2.02E-04	1.32E-02	7.34E-05	1.20E-04	1.36E-02	1.84E-04	0.00E+00	9.79E-07	3.28E-06	1.88E-04	2.34E-04	1.32E-02	7.34E-05	1.20E-04	1.37E-02
4694	490863.09, 3860377.25	0.04769	0.34751	0.01243	0.03126	1.93E-04	1.04E-02	7.93E-05	9.87E-05	1.07E-02	1.75E-04	0.00E+00	1.06E-06	2.69E-06	1.79E-04	2.23E-04	1.04E-02	7.93E-05	9.87E-05	1.08E-02
4695	491363.09, 3860377.25	0.04455	0.28499	0.01231	0.02671	1.80E-04	8.50E-03	7.85E-05	8.43E-05	8.85E-03	1.64E-04	0.00E+00	1.05E-06	2.30E-06	1.67E-04	2.08E-04	8.50E-03	7.85E-05	8.43E-05	8.87E-03
4696	491863.09, 3860377.25	0.04422	0.24284	0.01317	0.024	1.79E-04	7.24E-03	8.40E-05	7.58E-05	7.58E-03	1.63E-04	0.00E+00	1.12E-06	2.07E-06	1.66E-04	2.07E-04	7.24E-03	8.40E-05	7.58E-05	7.61E-03
4697	492363.09, 3860377.25	0.04602	0.21162	0.0142	0.0223	1.86E-04	6.31E-03	9.06E-05	7.04E-05	6.66E-03	1.69E-04	0.00E+00	1.21E-06	1.92E-06	1.72E-04	2.15E-04	6.31E-03	9.06E-05	7.04E-05	6.69E-03
4698	492863.09, 3860377.25	0.04809	0.1866	0.01455	0.02064	1.94E-04	5.57E-03	9.28E-05	6.52E-05	5.92E-03	1.77E-04	0.00E+00	1.24E-06	1.78E-06	1.80E-04	2.25E-04	5.57E-03	9.28E-05	6.52E-05	5.95E-03
4699	493363.09, 3860377.25	0.05097	0.16415	0.01589	0.01898	2.06E-04	4.90E-03	1.01E-04	5.99E-05	5.26E-03	1.87E-04	0.00E+00	1.35E-06	1.63E-06	1.90E-04	2.38E-04	4.90E-03	1.01E-04	5.99E-05	5.30E-03
4700	493863.09, 3860377.25	0.05121	0.14897	0.01695	0.018	2.07E-04	4.44E-03	1.08E-04	5.68E-05	4.82E-03	1.88E-04	0.00E+00	1.44E-06	1.55E-06	1.91E-04	2.39E-04	4.44E-03	1.08E-04	5.68E-05	4.85E-03
4701	494363.09, 3860377.25	0.05074	0.13329	0.01721	0.01697	2.05E-04	3.98E-03	1.10E-04	5.36E-05	4.34E-03	1.87E-04	0.00E+00	1.46E-06	1.46E-06	1.89E-04	2.37E-04	3.98E-03	1.10E-04	5.36E-05	4.38E-03
4702	494863.09, 3860377.25	0.04896	0.12294	0.01767	0.01621	1.98E-04	3.67E-03	1.13E-04	5.12E-05	4.03E-03	1.80E-04	0.00E+00	1.50E-06	1.40E-06	1.83E-04	2.29E-04	3.67E-03	1.13E-04	5.12E-05	4.06E-03
4703	495363.09, 3860377.25	0.04762	0.11111	0.01759	0.01544	1.92E-04	3.31E-03	1.12E-04	4.87E-05	3.67E-03	1.75E-04	0.00E+00	1.50E-06	1.33E-06	1.78E-04	2.23E-04	3.31E-03	1.12E-04	4.87E-05	3.70E-03
4704	495863.09, 3860377.25	0.04606	0.09556	0.01826	0.01502	1.86E-04	2.85E-03	1.16E-04	4.74E-05	3.20E-03	1.69E-04	0.00E+00	1.55E-06	1.29E-06	1.72E-04	2.15E-04	2.85E-03	1.16E-04	4.74E-05	3.23E-03
4705	496363.09, 3860377.25	0.04404	0.08099	0.02049	0.01478	1.78E-04	2.42E-03	1.31E-04	4.67E-05	2.77E-03	1.62E-04	0.00E+00	1.74E-06	1.27E-06	1.65E-04	2.06E-04	2.42E-03	1.31E-04	4.67E-05	2.80E-03
4706	496863.09, 3860377.25	0.04204	0.07013	0.02211	0.01413	1.70E-04	2.09E-03	1.41E-04	4.46E-05	2.45E-03	1.55E-04	0.00E+00	1.88E-06	1.22E-06	1.58E-04	1.97E-04	2.09E-03	1.41E-04	4.46E-05	2.47E-03
4707	497363.09, 3860377.25	0.03903	0.05939	0.02222	0.0132	1.58E-04	1.77E-03	1.42E-04	4.17E-05	2.11E-03	1.43E-04	0.00E+00	1.89E-06	1.14E-06	1.47E-04	1.83E-04	1.77E-03	1.42E-04	4.17E-05	2.14E-03
4708	497863.09, 3860377.25	0.04072	0.06655	0.02079	0.01332	1.65E-04	1.99E-03	1.33E-04	4.21E-05	2.32E-03	1.50E-04	0.00E+00	1.77E-06	1.15E-06	1.53E-04	1.90E-04	1.99E-03	1.33E-04	4.21E-05	2.35E-03
4709	498363.09, 3860377.25	0.04056	0.07063	0.01891	0.01254	1.64E-04	2.11E-03	1.21E-04	3.96E-05	2.43E-03	1.49E-04	0.00E+00	1.61E-06	1.08E-06	1.52E-04	1.90E-04	2.11E-03	1.21E-04	3.96E-05	2.46E-03
4710	471363.09, 3860877.25	0.00995	0.00873	0.00321	0.00323	4.02E-05	2.60E-04	2.05E-05	1.02E-05	3.31E-04	3.66E-05	0.00E+00	2.73E-07	2.78E-07	3.71E-05	4.65E-05	2.60E-04	2.05E-05	1.02E-05	3.38E-04
4711	471863.09, 3860877.25	0.01051	0.00931	0.00338	0.00332	4.25E-05	2.78E-04	2.16E-05	1.05E-05	3.52E-04	3.86E-05	0.00E+00	2.87E-07	2.86E-07	3.92E-05	4.92E-05	2.78E-04	2.16E-05	1.05E-05	3.59E-04
4712	472363.09, 3860877.25	0.01117	0.00986	0.00359	0.00341	4.52E-05	2.94E-04	2.29E-05	1.08E-05	3.73E-04	4.11E-05	0.00E+00	3.05E-07	2.94E-07	4.17E-05	5.22E-05	2.94E-04	2.29E-05	1.08E-05	3.80E-04
4713	472863.09, 3860877.25	0.01199	0.01056	0.00376	0.00346	4.85E-05	3.15E-04	2.40E-05	1.09E-05	3.98E-04	4.41E-05	0.00E+00	3.20E-07	2.98E-07	4.47E-05	5.61E-05	3.15E-04	2.40E-05	1.09E-05	4.06E-04
4714	473363.09, 3860877.25	0.0129	0.01104	0.00405	0.00355	5.21E-05	3.29E-04	2.58E-05	1.12E-05	4.19E-04	4.74E-05	0.00E+00	3.44E-07	3.06E-07	4.81E-05	6.03E-05	3.29E-04	2.58E-05	1.12E-05	4.27E-04
4715	473863.09, 3860877.25	0.01384	0.01145	0.00442	0.00366	5.59E-05	3.42E-04	2.82E-05	1.16E-05	4.37E-04	5.09E-05	0.00E+00	3.76E-07	3.15E-07	5.16E-05	6.47E-05	3.42E-04	2.82E-05	1.16E-05	4.46E-04
4716	474363.09, 3860877.25	0.01469	0.01172	0.0049	0.00381	5.94E-05	3.50E-04	3.13E-05	1.20E-05	4.52E-04	5.40E-05	0.00E+00	4.17E-07	3.28E-07	5.48E-05	6.87E-05	3.50E-04	3.13E-05	1.20E-05	4.62E-04

4717	474863.09, 3860877.25	0.01539	0.01217	0.00567	0.00413	6.22E-05	3.63E-04	3.62E-05	1.30E-05	4.74E-04	5.66E-05	0.00E+00	4.82E-07	3.56E-07	5.74E-05	7.20E-05	3.63E-04	3.62E-05	1.30E-05	4.84E-04
4718	475363.09, 3860877.25	0.01575	0.01158	0.00681	0.00444	6.37E-05	3.45E-04	4.34E-05	1.40E-05	4.67E-04	5.79E-05	0.00E+00	5.79E-07	3.82E-07	5.89E-05	7.37E-05	3.45E-04	4.34E-05	1.40E-05	4.77E-04
4719	475863.09, 3860877.25	0.01554	0.0102	0.00812	0.0047	6.28E-05	3.04E-04	5.18E-05	1.48E-05	4.34E-04	5.71E-05	0.00E+00	6.91E-07	4.05E-07	5.82E-05	7.27E-05	3.04E-04	5.18E-05	1.48E-05	4.44E-04
4720	476363.09, 3860877.25	0.01456	0.00849	0.00858	0.00482	5.89E-05	2.53E-04	5.47E-05	1.52E-05	3.82E-04	5.35E-05	0.00E+00	7.30E-07	4.15E-07	5.47E-05	6.81E-05	2.53E-04	5.47E-05	1.52E-05	3.91E-04
4721	476863.09, 3860877.25	0.0143	0.00792	0.00838	0.00493	5.78E-05	2.36E-04	5.35E-05	1.56E-05	3.63E-04	5.26E-05	0.00E+00	7.13E-07	4.25E-07	5.37E-05	6.69E-05	2.36E-04	5.35E-05	1.56E-05	3.72E-04
4722	477363.09, 3860877.25	0.01491	0.00812	0.00833	0.00508	6.03E-05	2.42E-04	5.31E-05	1.60E-05	3.72E-04	5.48E-05	0.00E+00	7.08E-07	4.37E-07	5.60E-05	6.97E-05	2.42E-04	5.31E-05	1.60E-05	3.81E-04
4723	477863.09, 3860877.25	0.01329	0.00689	0.00761	0.0048	5.37E-05	2.06E-04	4.85E-05	1.52E-05	3.23E-04	4.89E-05	0.00E+00	6.47E-07	4.13E-07	4.99E-05	6.22E-05	2.06E-04	4.85E-05	1.52E-05	3.31E-04
4724	478363.09, 3860877.25	0.00786	0.00454	0.00614	0.00407	3.18E-05	1.35E-04	3.92E-05	1.29E-05	2.19E-04	2.89E-05	0.00E+00	5.22E-07	3.50E-07	2.98E-05	3.68E-05	1.35E-04	3.92E-05	1.29E-05	2.24E-04
4725	478863.09, 3860877.25	0.01708	0.00927	0.00865	0.00585	6.90E-05	2.77E-04	5.52E-05	1.85E-05	4.19E-04	6.28E-05	0.00E+00	7.36E-07	5.04E-07	6.40E-05	7.99E-05	2.77E-04	5.52E-05	1.85E-05	4.30E-04
4726	479363.09, 3860877.25	0.02144	0.0154	0.00909	0.00635	8.67E-05	4.59E-04	5.80E-05	2.00E-05	6.24E-04	7.88E-05	0.00E+00	7.73E-07	5.47E-07	8.01E-05	1.00E-04	4.59E-04	5.80E-05	2.00E-05	6.38E-04
4727	479863.09, 3860877.25	0.02342	0.02246	0.00825	0.00534	9.47E-05	6.70E-04	5.26E-05	1.69E-05	8.34E-04	8.61E-05	0.00E+00	7.02E-07	4.60E-07	8.73E-05	1.10E-04	6.70E-04	5.26E-05	1.69E-05	8.49E-04
4728	480363.09, 3860877.25	0.02495	0.0286	0.00801	0.00513	1.01E-04	8.53E-04	5.11E-05	1.62E-05	1.02E-03	9.17E-05	0.00E+00	6.81E-07	4.42E-07	9.29E-05	1.17E-04	8.53E-04	5.11E-05	1.62E-05	1.04E-03
4729	480863.09, 3860877.25	0.02663	0.03281	0.00797	0.00526	1.08E-04	9.79E-04	5.08E-05	1.66E-05	1.15E-03	9.79E-05	0.00E+00	6.78E-07	4.53E-07	9.90E-05	1.25E-04	9.79E-04	5.08E-05	1.66E-05	1.17E-03
4730	481363.09, 3860877.25	0.02888	0.03726	0.00808	0.00548	1.17E-04	1.11E-03	5.15E-05	1.73E-05	1.30E-03	1.06E-04	0.00E+00	6.87E-07	4.72E-07	1.07E-04	1.35E-04	1.11E-03	5.15E-05	1.73E-05	1.32E-03
4731	481863.09, 3860877.25	0.03139	0.04091	0.00848	0.00564	1.27E-04	1.22E-03	5.41E-05	1.78E-05	1.42E-03	1.15E-04	0.00E+00	7.21E-07	4.86E-07	1.17E-04	1.47E-04	1.22E-03	5.41E-05	1.78E-05	1.44E-03
4732	482363.09, 3860877.25	0.03336	0.04598	0.00911	0.00591	1.35E-04	1.37E-03	5.81E-05	1.87E-05	1.58E-03	1.23E-04	0.00E+00	7.75E-07	5.09E-07	1.24E-04	1.56E-04	1.37E-03	5.81E-05	1.87E-05	1.60E-03
4733	482863.09, 3860877.25	0.03514	0.05054	0.00964	0.00619	1.42E-04	1.51E-03	6.15E-05	1.95E-05	1.73E-03	1.29E-04	0.00E+00	8.20E-07	5.33E-07	1.31E-04	1.64E-04	1.51E-03	6.15E-05	1.95E-05	1.75E-03
4734	483363.09, 3860877.25	0.03749	0.05549	0.00997	0.00671	1.52E-04	1.66E-03	6.36E-05	2.12E-05	1.89E-03	1.38E-04	0.00E+00	8.48E-07	5.78E-07	1.39E-04	1.75E-04	1.66E-03	6.36E-05	2.12E-05	1.92E-03
4735	483863.09, 3860877.25	0.03882	0.0616	0.0103	0.00723	1.57E-04	1.84E-03	6.57E-05	2.28E-05	2.08E-03	1.43E-04	0.00E+00	8.76E-07	6.23E-07	1.44E-04	1.82E-04	1.84E-03	6.57E-05	2.28E-05	2.11E-03
4736	484363.09, 3860877.25	0.0388	0.0713	0.01003	0.00768	1.57E-04	2.13E-03	6.40E-05	2.42E-05	2.37E-03	1.43E-04	0.00E+00	8.53E-07	6.61E-07	1.44E-04	1.81E-04	2.13E-03	6.40E-05	2.42E-05	2.40E-03
4737	484863.09, 3860877.25	0.0374	0.08216	0.00894	0.00795	1.51E-04	2.45E-03	5.70E-05	2.51E-05	2.68E-03	1.38E-04	0.00E+00	7.60E-07	6.85E-07	1.39E-04	1.75E-04	2.45E-03	5.70E-05	2.51E-05	2.71E-03
4738	485363.09, 3860877.25	0.0362	0.09488	0.00814	0.00835	1.46E-04	2.83E-03	5.19E-05	2.64E-05	3.06E-03	1.33E-04	0.00E+00	6.92E-07	7.19E-07	1.35E-04	1.69E-04	2.83E-03	5.19E-05	2.64E-05	3.08E-03
4739	485863.09, 3860877.25	0.03607	0.11059	0.00704	0.00892	1.46E-04	3.30E-03	4.49E-05	2.82E-05	3.52E-03	1.33E-04	0.00E+00	5.99E-07	7.68E-07	1.34E-04	1.69E-04	3.30E-03	4.49E-05	2.82E-05	3.54E-03
4740	486363.09, 3860877.25	0.03479	0.12831	0.00683	0.01007	1.41E-04	3.83E-03	4.36E-05	3.18E-05	4.04E-03	1.28E-04	0.00E+00	5.81E-07	8.67E-07	1.29E-04	1.63E-04	3.83E-03	4.36E-05	3.18E-05	4.07E-03
4741	486863.09, 3860877.25	0.03444	0.15538	0.00567	0.01185	1.39E-04	4.64E-03	3.62E-05	3.74E-05	4.85E-03	1.27E-04	0.00E+00	4.82E-07	1.02E-06	1.28E-04	1.61E-04	4.64E-03	3.62E-05	3.74E-05	4.87E-03
4742	487363.09, 3860877.25	0.0347	0.20109	0.00614	0.01423	1.40E-04	6.00E-03	3.92E-05	4.49E-05	6.22E-03	1.28E-04	0.00E+00	5.22E-07	1.23E-06	1.29E-04	1.62E-04	6.00E-03	3.92E-05	4.49E-05	6.25E-03
4743	487863.09, 3860877.25	0.03501	0.25579	0.00782	0.01743	1.42E-04	7.63E-03	4.99E-05	5.50E-05	7.88E-03	1.29E-04	0.00E+00	6.65E-07	1.50E-06	1.31E-04	1.64E-04	7.63E-03	4.99E-05	5.50E-05	7.90E-03
4744	488363.09, 3860877.25	0.03613	0.32132	0.00732	0.02142	1.46E-04	9.59E-03	4.67E-05	6.76E-05	9.85E-03	1.33E-04	0.00E+00	6.23E-07	1.84E-06	1.35E-04	1.69E-04	9.59E-03	4.67E-05	6.76E-05	9.87E-03
4745	488863.09, 3860877.25	0.03685	0.34221	0.00553	0.02	1.49E-04	1.02E-02	3.53E-05	6.31E-05	1.05E-02	1.35E-04	0.00E+00	4.70E-07	1.72E-06	1.38E-04	1.72E-04	1.02E-02	3.53E-05	6.31E-05	1.05E-02
4746	489363.09, 3860877.25	0.03844	0.33954	0.00602	0.02132	1.55E-04	1.01E-02	3.84E-05	6.73E-05	1.04E-02	1.41E-04	0.00E+00	5.12E-07	1.84E-06	1.44E-04	1.80E-04	1.01E-02	3.84E-05	6.73E-05	1.04E-02
4747	489863.09, 3860877.25	0.03819	0.30185	0.0083	0.0192	1.54E-04	9.01E-03	5.29E-05	6.06E-05	9.27E-03	1.40E-04	0.00E+00	7.06E-07	1.65E-06	1.43E-04	1.79E-04	9.01E-03	5.29E-05	6.06E-05	9.30E-03
4748	490363.09, 3860877.25	0.03893	0.265	0.00952	0.01782	1.57E-04	7.91E-03	6.07E-05	5.63E-05	8.18E-03	1.43E-04	0.00E+00	8.10E-07	1.53E-06	1.45E-04	1.82E-04	7.91E-03	6.07E-05	5.63E-05	8.20E-03
4749	490863.09, 3860877.25	0.04074	0.23131	0.00972	0.01672	1.65E-04	6.90E-03	6.20E-05	5.28E-05	7.18E-03	1.50E-04	0.00E+00	8.27E-07	1.44E-06	1.52E-04	1.91E-04	6.90E-03	6.20E-05	5.28E-05	7.21E-03
4750	491363.09, 3860877.25	0.03945	0.20488	0.01036	0.01591	1.59E-04	6.11E-03	6.61E-05	5.02E-05	6.39E-03	1.45E-04	0.00E+00	8.81E-07	1.37E-06	1.47E-04	1.84E-04	6.11E-03	6.61E-05	5.02E-05	6.41E-03
4751	491863.09, 3860877.25	0.03706	0.18389	0.01007	0.01526	1.50E-04	5.49E-03	6.42E-05	4.82E-05	5.75E-03	1.36E-04	0.00E+00	8.56E-07	1.31E-06	1.38E-04	1.73E-04	5.49E-03	6.42E-05	4.82E-05	5.77E-03
4752	492363.09, 3860877.25	0.03562	0.16252	0.01016	0.01435	1.44E-04	4.85E-03	6.48E-05	4.53E-05	5.10E-03	1.31E-04	0.00E+00	8.64E-07	1.24E-06	1.33E-04	1.67E-04	4.85E-03	6.48E-05	4.53E-05	5.13E-03
4753	492863.09, 3860877.25	0.03606	0.14823	0.0109	0.01387	1.46E-04	4.42E-03	6.95E-05	4.38E-05	4.68E-03	1.33E-04	0.00E+00	9.27E-07	1.19E-06	1.35E-04	1.69E-04	4.42E-03	6.95E-05	4.38E-05	4.70E-03
4754	493363.09, 3860877.25	0.0378	0.13704	0.01133	0.01377	1.53E-04	4.09E-03	7.23E-05	4.35E-05	4.36E-03	1.39E-04	0.00E+00	9.64E-07	1.19E-06	1.41E-04	1.77E-04	4.09E-03	7.23E-05	4.35E-05	4.38E-03
4755	493863.09, 3860877.25	0.03951	0.12566	0.01137	0.01337	1.60E-04	3.75E-03	7.25E-05	4.22E-05	4.02E-03	1.45E-04	0.00E+00	9.67E-07	1.15E-06	1.47E-04	1.85E-04	3.75E-03	7.25E-05	4.22E-05	4.05E-03
4756	494363.09, 3860877.25	0.04101	0.11596	0.01188	0.01309	1.66E-04	3.46E-03	7.58E-05	4.13E-05	3.74E-03	1.51E-04	0.00E+00	1.01E-06	1.13E-06	1.53E-04	1.92E-04	3.46E-03	7.58E-05	4.13E-05	3.77E-03
4757	494863.09, 3860877.25	0.04166	0.10759	0.01278	0.01298	1.68E-04	3.21E-03	8.15E-05	4.10E-05	3.50E-03	1.53E-04	0.00E+00	1.09E-06	1.12E-06	1.55E-04	1.95E-04	3.21E-03	8.15E-05	4.10E-05	3.53E-03
4758	495363.09, 3860877.25	0.04126	0.10001	0.01357	0.01259	1.67E-04	2.98E-03	8.66E-05	3.98E-05	3.28E-03	1.52E-04	0.00E+00	1.15E-06	1.08E-06	1.54E-04	1.93E-04	2.98E-03	8.66E-05	3.98E-05	3.30E-03
4759	495863.09, 3860877.25	0.0401	0.09333	0.0139	0.01228	1.62E-04	2.78E-03	8.87E-05	3.88E-05	3.07E-03	1.47E-04	0.00E+00	1.18E-06	1.06E-06	1.50E-04	1.88E-04	2.78E-03	8.87E-05	3.88E-05	3.10E-03
4760	496363.09, 3860877.25	0.03941	0.08652	0.01437	0.01176	1.59E-04	2.58E-03	9.17E-05	3.71E-05	2.87E-03	1.45E-04	0.00E+00	1.22E-06	1.01E-06	1.47E-04	1.84E-04	2.58E-03	9.17E-05	3.71E-05	2.89E-03
4761	496863.09, 3860877.25	0.03839	0.07571	0.01436	0.01165	1.55E-04	2.26E-03	9.16E-05	3.68E-05	2.54E-03	1.41E-04	0.00E+00	1.22E-06	1.00E-06	1.43E-04	1.80E-04	2.26E-03	9.16E-05	3.68E-05	2.57E-03
4762	497363.09, 3860877.25	0.03741	0.07131	0.01478	0.01136	1.51E-04	2.13E-03	9.43E-05	3.59E-05	2.41E-03	1.38E-04	0.00E+00	1.26E-06	9.78E-07	1.40E-04	1.75E-04	2.13E-03	9.43E-05	3.59E-05	2.43E-03
4763	497863.09, 3860877.25	0.03644	0.06571	0.01555	0.0112	1.47E-04	1.96E-03	9.92E-05	3.54E-05	2.24E-03	1.34E-04	0.00E+00	1.32E-06	9.64E-07	1.36E-04	1.70E-04	1.96E-03	9.92E-05	3.54E-05	2.27E-03
4764	498363.09, 3860877.25	0.0359	0.06575	0.01514	0.01071	1.45E-04	1.96E-03	9.66E-05	3.38E-05	2.24E-03	1.32E-04	0.00E+00	1.29E-06	9.22E-07	1.34E-04	1.68E-04	1.96E-03	9.66E-05	3.38E-05	2.26E-03
4765	471363.09, 3861377.25	0.01002	0.0091	0.00376	0.00313	4.05E-05	2.71E-04	2.40E-05	9.88E-06	3.46E-04	3.68E-05	0.00E+00	3.20E-07	2.70E-07	3.74E-05	4.69E-05	2.71E-04	2.40E-05	9.88E-06	3.52E-04
4766	471863.09, 3861377.25	0.01067	0.00955	0.00399	0.00318	4.31E-05	2.85E-04	2.55E-05	1.00E-05	3.64E-04	3.92E-05	0.00E+00	3.39E-07	2.74E-07	3.98E-05	4.99E-05	2.85E-04	2.55E-05	1.00E-05	3.70E-04
4767	472363.09, 3861377.25	0.01141	0.01	0.00425	0.00325	4.61E-05	2.98E-04	2.71E-05	1.03E-05	3.82E-04	4.19E-05	0.00E+00	3.61E-07	2.80E-07	4.26E-05	5.34E-05	2.98E-04	2.71E-05	1.03E-05	3.89E-04
4768	472863.09, 3861377.25	0.01217	0.0106	0.00447	0.0033	4.92E-05	3.16E-04	2.85E-05	1.04E-05	4.04E-04	4.47E-05	0.00E+00	3.80E-07	2.84E-07	4.54E-05	5.69E-05	3.16E-04	2.85E-05	1.04E-05	4.12E-04
4769	473363.09, 3861377.25	0.01287	0.01111	0.00477	0.00339	5.20E-05	3.31E-04	3.04E-05	1.07E-05	4.25E-04	4.73E-05	0.00E+00	4.06E-07	2.92E-07	4.80E-05	6.02E-05	3.31E-04	3.04E-05	1.07E-05	4.33E-04
4770	473863.09, 3861377.25	0.01347	0.01148	0.00512	0.00353	5.44E-05	3.42E-04	3.27E-05	1.11E-05	4.41E-04	4.95E-05	0.00E+00	4.35E-07	3.04E-07	5.03E-05	6.30E-05	3.42E-04	3.27E-05	1.11E-05	4.49E-04
4771	474363.09, 3861377.25	0.01396	0.01227	0.00535	0.00362	5.64E-05	3.66E-04	3.41E-05	1.14E-05	4.68E-04	5.13E-05	0.00E+00	4.55E-07	3.12E-07	5.21E-05	6.53E-05	3.66E-04	3.41E-05	1.14E-05	4.77E-04
4772	474863.09, 3861377.25	0.01434	0.01252	0.0057	0.00379	5.80E-05	3.74E-04	3.64E-05	1.20E-05	4.80E-04	5.27E-05	0.00E+00	4.85E-07	3.26E-07	5.35E-05	6.71E-05	3.74E-04	3.64E-05	1.20E-05	4.89E-04
4773	475363.09, 3861377.25	0.01482	0.01336	0.00586	0.00389	5.99E-05	3.99E-04	3.74E-05	1.23E-05	5.08E-04	5.45E-05	0.00E+00	4.98E-07	3.35E-07	5.53E-05	6.93E-05	3.99E-04	3.74E-05	1.23E-05	5.18E-04
4774	475863.09, 3861377.25	0.01528	0.01327	0.00626	0.00429	6.18E-05	3.96E-04	3.99E-05	1.35E-05	5.11E-04	5.62E-05	0.00E+00	5.32E-07	3.69E-07	5.71E-05	7.15E-05	3.96E-04	3.99E-05	1.35E-05	5.21E-04
4775	476363.09, 3861377.25	0.01574	0.01258	0.0066	0.00467	6.36E-05	3.75E-04	4.21E-05	1.47E-05	4.96E-04	5.79E-05	0.00E+00	5.61E-07	4.02E-07	5.88E-05	7.36E-05	3.75E-04	4.21E-05	1.47E-05	5.06E-04

4776	476863.09, 3861377.25	0.0162	0.01213	0.00686	0.00498	6.55E-05	3.62E-04	4.38E-05	1.57E-05	4.87E-04	5.96E-05	0.00E+00	5.83E-07	4.29E-07	6.06E-05	7.58E-05	3.62E-04	4.38E-05	1.57E-05	4.97E-04
4777	477363.09, 3861377.25	0.01668	0.01194	0.00725	0.00524	6.74E-05	3.56E-04	4.62E-05	1.65E-05	4.86E-04	6.13E-05	0.00E+00	6.17E-07	4.51E-07	6.24E-05	7.80E-05	3.56E-04	4.62E-05	1.65E-05	4.97E-04
4778	477863.09, 3861377.25	0.01531	0.00895	0.00816	0.00527	6.19E-05	2.67E-04	5.20E-05	1.66E-05	3.98E-04	5.63E-05	0.00E+00	6.94E-07	4.54E-07	5.74E-05	7.16E-05	2.67E-04	5.20E-05	1.66E-05	4.07E-04
4779	478363.09, 3861377.25	0.00967	0.0052	0.00697	0.00409	3.91E-05	1.55E-04	4.45E-05	1.29E-05	2.52E-04	3.56E-05	0.00E+00	5.93E-07	3.52E-07	3.65E-05	4.52E-05	1.55E-04	4.45E-05	1.29E-05	2.58E-04
4780	478863.09, 3861377.25	0.01181	0.00637	0.00839	0.00462	4.77E-05	1.90E-04	5.35E-05	1.46E-05	3.06E-04	4.34E-05	0.00E+00	7.14E-07	3.98E-07	4.45E-05	5.52E-05	1.90E-04	5.35E-05	1.46E-05	3.13E-04
4781	479363.09, 3861377.25	0.01865	0.01416	0.01054	0.00602	7.54E-05	4.22E-04	6.72E-05	1.90E-05	5.84E-04	6.86E-05	0.00E+00	8.96E-07	5.18E-07	7.00E-05	8.72E-05	4.22E-04	6.72E-05	1.90E-05	5.96E-04
4782	479863.09, 3861377.25	0.0211	0.02173	0.00764	0.00499	8.53E-05	6.48E-04	4.87E-05	1.58E-05	7.98E-04	7.76E-05	0.00E+00	6.50E-07	4.30E-07	7.87E-05	9.87E-05	6.48E-04	4.87E-05	1.58E-05	8.11E-04
4783	480363.09, 3861377.25	0.02271	0.02828	0.00714	0.00482	9.18E-05	8.44E-04	4.55E-05	1.52E-05	9.96E-04	8.35E-05	0.00E+00	6.07E-07	4.15E-07	8.45E-05	1.06E-04	8.44E-04	4.55E-05	1.52E-05	1.01E-03
4784	480863.09, 3861377.25	0.02435	0.03209	0.00747	0.00502	9.84E-05	9.57E-04	4.76E-05	1.59E-05	1.12E-03	8.95E-05	0.00E+00	6.35E-07	4.32E-07	9.06E-05	1.14E-04	9.57E-04	4.76E-05	1.59E-05	1.13E-03
4785	481363.09, 3861377.25	0.02618	0.0357	0.00801	0.00516	1.06E-04	1.07E-03	5.11E-05	1.63E-05	1.24E-03	9.63E-05	0.00E+00	6.81E-07	4.44E-07	9.74E-05	1.22E-04	1.07E-03	5.11E-05	1.63E-05	1.25E-03
4786	481863.09, 3861377.25	0.02804	0.03861	0.00845	0.00537	1.13E-04	1.15E-03	5.39E-05	1.70E-05	1.34E-03	1.03E-04	0.00E+00	7.19E-07	4.62E-07	1.04E-04	1.31E-04	1.15E-03	5.39E-05	1.70E-05	1.35E-03
4787	482363.09, 3861377.25	0.02945	0.04186	0.00871	0.00558	1.19E-04	1.25E-03	5.56E-05	1.76E-05	1.44E-03	1.08E-04	0.00E+00	7.41E-07	4.80E-07	1.09E-04	1.38E-04	1.25E-03	5.56E-05	1.76E-05	1.46E-03
4788	482863.09, 3861377.25	0.03095	0.04541	0.00894	0.00585	1.25E-04	1.35E-03	5.70E-05	1.85E-05	1.56E-03	1.14E-04	0.00E+00	7.60E-07	5.04E-07	1.15E-04	1.45E-04	1.35E-03	5.70E-05	1.85E-05	1.57E-03
4789	483363.09, 3861377.25	0.03247	0.04928	0.00919	0.00625	1.31E-04	1.47E-03	5.86E-05	1.97E-05	1.68E-03	1.19E-04	0.00E+00	7.82E-07	5.38E-07	1.21E-04	1.52E-04	1.47E-03	5.86E-05	1.97E-05	1.70E-03
4790	483863.09, 3861377.25	0.03307	0.05424	0.00908	0.00659	1.34E-04	1.62E-03	5.79E-05	2.08E-05	1.83E-03	1.22E-04	0.00E+00	7.72E-07	5.67E-07	1.23E-04	1.55E-04	1.62E-03	5.79E-05	2.08E-05	1.85E-03
4791	484363.09, 3861377.25	0.03361	0.05997	0.0084	0.00678	1.36E-04	1.79E-03	5.36E-05	2.14E-05	2.00E-03	1.24E-04	0.00E+00	7.14E-07	5.84E-07	1.25E-04	1.57E-04	1.79E-03	5.36E-05	2.14E-05	2.02E-03
4792	484863.09, 3861377.25	0.03224	0.06914	0.00738	0.007	1.30E-04	2.06E-03	4.71E-05	2.21E-05	2.26E-03	1.19E-04	0.00E+00	6.28E-07	6.03E-07	1.20E-04	1.51E-04	2.06E-03	4.71E-05	2.21E-05	2.28E-03
4793	485363.09, 3861377.25	0.03071	0.07723	0.00638	0.00707	1.24E-04	2.30E-03	4.07E-05	2.23E-05	2.49E-03	1.13E-04	0.00E+00	5.43E-07	6.09E-07	1.14E-04	1.44E-04	2.30E-03	4.07E-05	2.23E-05	2.51E-03
4794	485863.09, 3861377.25	0.03001	0.08654	0.00614	0.00755	1.21E-04	2.58E-03	3.92E-05	2.38E-05	2.77E-03	1.10E-04	0.00E+00	5.22E-07	6.50E-07	1.12E-04	1.40E-04	2.58E-03	3.92E-05	2.38E-05	2.79E-03
4795	486363.09, 3861377.25	0.02929	0.09615	0.00606	0.00793	1.18E-04	2.87E-03	3.87E-05	2.50E-05	3.05E-03	1.08E-04	0.00E+00	5.15E-07	6.83E-07	1.09E-04	1.37E-04	2.87E-03	3.87E-05	2.50E-05	3.07E-03
4796	486863.09, 3861377.25	0.02921	0.10867	0.00499	0.00852	1.18E-04	3.24E-03	3.18E-05	2.69E-05	3.42E-03	1.07E-04	0.00E+00	4.24E-07	7.34E-07	1.09E-04	1.37E-04	3.24E-03	3.18E-05	2.69E-05	3.44E-03
4797	487363.09, 3861377.25	0.02947	0.12339	0.00575	0.00872	1.19E-04	3.68E-03	3.67E-05	2.75E-05	3.86E-03	1.08E-04	0.00E+00	4.89E-07	7.51E-07	1.10E-04	1.38E-04	3.68E-03	3.67E-05	2.75E-05	3.88E-03
4798	487863.09, 3861377.25	0.0298	0.13273	0.0073	0.00926	1.20E-04	3.96E-03	4.66E-05	2.92E-05	4.16E-03	1.10E-04	0.00E+00	6.21E-07	7.97E-07	1.11E-04	1.39E-04	3.96E-03	4.66E-05	2.92E-05	4.17E-03
4799	488363.09, 3861377.25	0.0293	0.13555	0.00662	0.01001	1.18E-04	4.04E-03	4.22E-05	3.16E-05	4.24E-03	1.08E-04	0.00E+00	5.63E-07	8.62E-07	1.09E-04	1.37E-04	4.04E-03	4.22E-05	3.16E-05	4.25E-03
4800	488863.09, 3861377.25	0.03023	0.14138	0.00501	0.00999	1.22E-04	4.22E-03	3.20E-05	3.15E-05	4.40E-03	1.11E-04	0.00E+00	4.26E-07	8.60E-07	1.12E-04	1.41E-04	4.22E-03	3.20E-05	3.15E-05	4.42E-03
4801	489363.09, 3861377.25	0.03112	0.14496	0.0047	0.00989	1.26E-04	4.32E-03	3.00E-05	3.12E-05	4.51E-03	1.14E-04	0.00E+00	4.00E-07	8.52E-07	1.16E-04	1.46E-04	4.32E-03	3.00E-05	3.12E-05	4.53E-03
4802	489863.09, 3861377.25	0.03175	0.14671	0.00598	0.01001	1.28E-04	4.38E-03	3.81E-05	3.16E-05	4.57E-03	1.17E-04	0.00E+00	5.09E-07	8.62E-07	1.18E-04	1.48E-04	4.38E-03	3.81E-05	3.16E-05	4.60E-03
4803	490363.09, 3861377.25	0.03202	0.14309	0.00795	0.00982	1.29E-04	4.27E-03	5.07E-05	3.10E-05	4.48E-03	1.18E-04	0.00E+00	6.76E-07	8.46E-07	1.19E-04	1.50E-04	4.27E-03	5.07E-05	3.10E-05	4.50E-03
4804	490863.09, 3861377.25	0.03244	0.13952	0.00835	0.00978	1.31E-04	4.16E-03	5.33E-05	3.09E-05	4.38E-03	1.19E-04	0.00E+00	7.10E-07	8.42E-07	1.21E-04	1.52E-04	4.16E-03	5.33E-05	3.09E-05	4.40E-03
4805	491363.09, 3861377.25	0.03402	0.13329	0.00842	0.00969	1.38E-04	3.98E-03	5.37E-05	3.06E-05	4.20E-03	1.25E-04	0.00E+00	7.16E-07	8.34E-07	1.27E-04	1.59E-04	3.98E-03	5.37E-05	3.06E-05	4.22E-03
4806	491863.09, 3861377.25	0.03338	0.12689	0.00894	0.00971	1.35E-04	3.79E-03	5.70E-05	3.07E-05	4.01E-03	1.23E-04	0.00E+00	7.60E-07	8.36E-07	1.24E-04	1.56E-04	3.79E-03	5.70E-05	3.07E-05	4.03E-03
4807	492363.09, 3861377.25	0.0313	0.12104	0.0086	0.00975	1.27E-04	3.61E-03	5.49E-05	3.08E-05	3.82E-03	1.15E-04	0.00E+00	7.31E-07	8.40E-07	1.17E-04	1.46E-04	3.61E-03	5.49E-05	3.08E-05	3.84E-03
4808	492863.09, 3861377.25	0.03017	0.11426	0.00842	0.00969	1.22E-04	3.41E-03	5.37E-05	3.06E-05	3.62E-03	1.11E-04	0.00E+00	7.16E-07	8.34E-07	1.12E-04	1.41E-04	3.41E-03	5.37E-05	3.06E-05	3.63E-03
4809	493363.09, 3861377.25	0.03012	0.10742	0.00895	0.00961	1.22E-04	3.20E-03	5.71E-05	3.03E-05	3.41E-03	1.11E-04	0.00E+00	7.61E-07	8.28E-07	1.12E-04	1.41E-04	3.20E-03	5.71E-05	3.03E-05	3.43E-03
4810	493863.09, 3861377.25	0.03043	0.10061	0.00937	0.00949	1.23E-04	3.00E-03	5.98E-05	3.00E-05	3.21E-03	1.12E-04	0.00E+00	7.97E-07	8.17E-07	1.13E-04	1.42E-04	3.00E-03	5.98E-05	3.00E-05	3.23E-03
4811	494363.09, 3861377.25	0.03141	0.09457	0.0093	0.0094	1.27E-04	2.82E-03	5.93E-05	2.97E-05	3.04E-03	1.15E-04	0.00E+00	7.91E-07	8.09E-07	1.17E-04	1.47E-04	2.82E-03	5.93E-05	2.97E-05	3.06E-03
4812	494863.09, 3861377.25	0.03288	0.08921	0.00922	0.00936	1.33E-04	2.66E-03	5.88E-05	2.96E-05	2.88E-03	1.21E-04	0.00E+00	7.84E-07	8.06E-07	1.22E-04	1.54E-04	2.66E-03	5.88E-05	2.96E-05	2.90E-03
4813	495363.09, 3861377.25	0.03394	0.08419	0.00949	0.00931	1.37E-04	2.51E-03	6.05E-05	2.94E-05	2.74E-03	1.25E-04	0.00E+00	8.07E-07	8.02E-07	1.26E-04	1.59E-04	2.51E-03	6.05E-05	2.94E-05	2.76E-03
4814	495863.09, 3861377.25	0.03401	0.0794	0.00997	0.00923	1.37E-04	2.37E-03	6.36E-05	2.91E-05	2.60E-03	1.25E-04	0.00E+00	8.48E-07	7.95E-07	1.27E-04	1.59E-04	2.37E-03	6.36E-05	2.91E-05	2.62E-03
4815	496363.09, 3861377.25	0.034	0.07583	0.01064	0.00936	1.37E-04	2.26E-03	6.79E-05	2.96E-05	2.50E-03	1.25E-04	0.00E+00	9.05E-07	8.06E-07	1.27E-04	1.59E-04	2.26E-03	6.79E-05	2.96E-05	2.52E-03
4816	496863.09, 3861377.25	0.03396	0.07223	0.01155	0.00957	1.37E-04	2.15E-03	7.37E-05	3.02E-05	2.40E-03	1.25E-04	0.00E+00	9.82E-07	8.24E-07	1.27E-04	1.59E-04	2.15E-03	7.37E-05	3.02E-05	2.42E-03
4817	497363.09, 3861377.25	0.03317	0.06838	0.01197	0.00937	1.34E-04	2.04E-03	7.64E-05	2.96E-05	2.28E-03	1.22E-04	0.00E+00	1.02E-06	8.07E-07	1.24E-04	1.55E-04	2.04E-03	7.64E-05	2.96E-05	2.30E-03
4818	497863.09, 3861377.25	0.0324	0.06492	0.01228	0.00921	1.31E-04	1.94E-03	7.83E-05	2.91E-05	2.18E-03	1.19E-04	0.00E+00	1.04E-06	7.93E-07	1.21E-04	1.52E-04	1.94E-03	7.83E-05	2.91E-05	2.20E-03
4819	498363.09, 3861377.25	0.03178	0.06152	0.01223	0.00904	1.28E-04	1.84E-03	7.80E-05	2.85E-05	2.07E-03	1.17E-04	0.00E+00	1.04E-06	7.78E-07	1.19E-04	1.49E-04	1.84E-03	7.80E-05	2.85E-05	2.09E-03
4820	471363.09, 3861877.25	0.01017	0.00912	0.0043	0.00294	4.11E-05	2.72E-04	2.74E-05	9.28E-06	3.50E-04	3.74E-05	0.00E+00	3.66E-07	2.53E-07	3.80E-05	4.76E-05	2.72E-04	2.74E-05	9.28E-06	3.56E-04
4821	471863.09, 3861877.25	0.01078	0.00953	0.00453	0.00301	4.36E-05	2.84E-04	2.89E-05	9.50E-06	3.66E-04	3.96E-05	0.00E+00	3.85E-07	2.59E-07	4.03E-05	5.04E-05	2.84E-04	2.89E-05	9.50E-06	3.73E-04
4822	472363.09, 3861877.25	0.01136	0.01	0.00474	0.00308	4.59E-05	2.98E-04	3.02E-05	9.72E-06	3.84E-04	4.18E-05	0.00E+00	4.03E-07	2.65E-07	4.24E-05	5.31E-05	2.98E-04	3.02E-05	9.72E-06	3.91E-04
4823	472863.09, 3861877.25	0.01186	0.01057	0.00493	0.00316	4.79E-05	3.15E-04	3.14E-05	9.98E-06	4.05E-04	4.36E-05	0.00E+00	4.19E-07	2.72E-07	4.43E-05	5.55E-05	3.15E-04	3.14E-05	9.98E-06	4.12E-04
4824	473363.09, 3861877.25	0.01226	0.01115	0.00511	0.00326	4.96E-05	3.33E-04	3.26E-05	1.03E-05	4.25E-04	4.51E-05	0.00E+00	4.35E-07	2.81E-07	4.58E-05	5.73E-05	3.33E-04	3.26E-05	1.03E-05	4.33E-04
4825	473863.09, 3861877.25	0.01261	0.01165	0.00526	0.00337	5.10E-05	3.48E-04	3.36E-05	1.06E-05	4.43E-04	4.64E-05	0.00E+00	4.47E-07	2.90E-07	4.71E-05	5.90E-05	3.48E-04	3.36E-05	1.06E-05	4.51E-04
4826	474363.09, 3861877.25	0.01296	0.01226	0.00537	0.00348	5.24E-05	3.66E-04	3.43E-05	1.10E-05	4.63E-04	4.76E-05	0.00E+00	4.57E-07	3.00E-07	4.84E-05	6.06E-05	3.66E-04	3.43E-05	1.10E-05	4.72E-04
4827	474863.09, 3861877.25	0.01337	0.01274	0.00547	0.00361	5.40E-05	3.80E-04	3.49E-05	1.14E-05	4.80E-04	4.92E-05	0.00E+00	4.65E-07	3.11E-07	4.99E-05	6.25E-05	3.80E-04	3.49E-05	1.14E-05	4.89E-04
4828	475363.09, 3861877.25	0.01387	0.01333	0.00557	0.00371	5.61E-05	3.98E-04	3.55E-05	1.17E-05	5.01E-04	5.10E-05	0.00E+00	4.74E-07	3.19E-07	5.18E-05	6.49E-05	3.98E-04	3.55E-05	1.17E-05	5.10E-04
4829	475863.09, 3861877.25	0.01442	0.01412	0.00569	0.00379	5.83E-05	4.21E-04	3.63E-05	1.20E-05	5.28E-04	5.30E-05	0.00E+00	4.84E-07	3.26E-07	5.38E-05	6.74E-05	4.21E-04	3.63E-05	1.20E-05	5.37E-04
4830	476363.09, 3861877.25	0.01496	0.0146	0.00588	0.00394	6.05E-05	4.36E-04	3.75E-05	1.24E-05	5.46E-04	5.50E-05	0.00E+00	5.00E-07	3.39E-07	5.58E-05	7.00E-05	4.36E-04	3.75E-05	1.24E-05	5.55E-04
4831	476863.09, 3861877.25	0.01544	0.01448	0.00626	0.00418	6.24E-05	4.32E-04	3.99E-05	1.32E-05	5.48E-04	5.68E-05	0.00E+00	5.32E-07	3.60E-07	5.77E-05	7.22E-05	4.32E-04	3.99E-05	1.32E-05	5.57E-04
4832	477363.09, 3861877.25	0.01563	0.01399	0.00689	0.00444	6.32E-05	4.17E-04	4.39E-05	1.40E-05	5.39E-04	5.75E-05	0.00E+00	5.86E-07	3.82E-07	5.84E-05	7.31E-05	4.17E-04	4.39E-05	1.40E-05	5.48E-04
4833	477863.09, 3861877.25	0.01402	0.00927	0.00979	0.00536	5.67E-05	2.77E-04	6.24E-05	1.69E-05	4.13E-04	5.15E-05	0.00E+00	8.33E-07	4.62E-07	5.28E-05	6.56E-05	2.77E-04	6.24E-05	1.69E-05	4.21E-04
4834	478363.09, 3861877.25	0.00756	0.00429	0.00586	0.00371	3.06E-05	1.28E-04	3.74E-05	1.17E-05	2.08E-04	2.78E-05	0.00E+00	4.98E-07	3.19E-07	2.86E-05	3.54E-05	1.28E-04	3.74E-05	1.17E-05	2.12E-04

4835	478863.09, 3861877.25	0.01246	0.00725	0.00736	0.00443	5.04E-05	2.16E-04	4.69E-05	1.40E-05	3.28E-04	4.58E-05	0.00E+00	6.26E-07	3.81E-07	4.68E-05	5.83E-05	2.16E-04	4.69E-05	1.40E-05	3.35E-04
4836	479363.09, 3861877.25	0.01197	0.00655	0.00688	0.00435	4.84E-05	1.95E-04	4.39E-05	1.37E-05	3.01E-04	4.40E-05	0.00E+00	5.85E-07	3.75E-07	4.50E-05	5.60E-05	1.95E-04	4.39E-05	1.37E-05	3.09E-04
4837	479863.09, 3861877.25	0.01956	0.02046	0.00708	0.00504	7.91E-05	6.10E-04	4.52E-05	1.59E-05	7.51E-04	7.19E-05	0.00E+00	6.02E-07	4.34E-07	7.29E-05	9.15E-05	6.10E-04	4.52E-05	1.59E-05	7.63E-04
4838	480363.09, 3861877.25	0.0209	0.0272	0.00711	0.00468	8.45E-05	8.11E-04	4.54E-05	1.48E-05	9.56E-04	7.68E-05	0.00E+00	6.05E-07	4.03E-07	7.78E-05	9.77E-05	8.11E-04	4.54E-05	1.48E-05	9.69E-04
4839	480863.09, 3861877.25	0.02227	0.03009	0.00751	0.00486	9.00E-05	8.98E-04	4.79E-05	1.53E-05	1.05E-03	8.19E-05	0.00E+00	6.39E-07	4.18E-07	8.29E-05	1.04E-04	8.98E-04	4.79E-05	1.53E-05	1.07E-03
4840	481363.09, 3861877.25	0.02377	0.03273	0.00776	0.00497	9.61E-05	9.76E-04	4.95E-05	1.57E-05	1.14E-03	8.74E-05	0.00E+00	6.60E-07	4.28E-07	8.85E-05	1.11E-04	9.76E-04	4.95E-05	1.57E-05	1.15E-03
4841	481863.09, 3861877.25	0.02519	0.03493	0.0079	0.00513	1.02E-04	1.04E-03	5.04E-05	1.62E-05	1.21E-03	9.26E-05	0.00E+00	6.72E-07	4.42E-07	9.37E-05	1.18E-04	1.04E-03	5.04E-05	1.62E-05	1.23E-03
4842	482363.09, 3861877.25	0.02625	0.03764	0.0081	0.00524	1.06E-04	1.12E-03	5.17E-05	1.65E-05	1.30E-03	9.65E-05	0.00E+00	6.89E-07	4.51E-07	9.76E-05	1.23E-04	1.12E-03	5.17E-05	1.65E-05	1.31E-03
4843	482863.09, 3861877.25	0.0274	0.0407	0.00826	0.00546	1.11E-04	1.21E-03	5.27E-05	1.72E-05	1.39E-03	1.01E-04	0.00E+00	7.02E-07	4.70E-07	1.02E-04	1.28E-04	1.21E-03	5.27E-05	1.72E-05	1.41E-03
4844	483363.09, 3861877.25	0.0283	0.0441	0.00813	0.00571	1.14E-04	1.32E-03	5.19E-05	1.80E-05	1.50E-03	1.04E-04	0.00E+00	6.91E-07	4.92E-07	1.05E-04	1.32E-04	1.32E-03	5.19E-05	1.80E-05	1.52E-03
4845	483863.09, 3861877.25	0.02873	0.04775	0.0074	0.00594	1.16E-04	1.42E-03	4.72E-05	1.88E-05	1.61E-03	1.06E-04	0.00E+00	6.29E-07	5.11E-07	1.07E-04	1.34E-04	1.42E-03	4.72E-05	1.88E-05	1.62E-03
4846	484363.09, 3861877.25	0.02844	0.05237	0.00673	0.00617	1.15E-04	1.56E-03	4.29E-05	1.95E-05	1.74E-03	1.05E-04	0.00E+00	5.72E-07	5.31E-07	1.06E-04	1.33E-04	1.56E-03	4.29E-05	1.95E-05	1.76E-03
4847	484863.09, 3861877.25	0.028	0.05763	0.0061	0.00625	1.13E-04	1.72E-03	3.89E-05	1.97E-05	1.89E-03	1.03E-04	0.00E+00	5.19E-07	5.38E-07	1.04E-04	1.31E-04	1.72E-03	3.89E-05	1.97E-05	1.91E-03
4848	485363.09, 3861877.25	0.02708	0.06282	0.00555	0.00623	1.09E-04	1.87E-03	3.54E-05	1.97E-05	2.04E-03	9.96E-05	0.00E+00	4.72E-07	5.36E-07	1.01E-04	1.27E-04	1.87E-03	3.54E-05	1.97E-05	2.06E-03
4849	485863.09, 3861877.25	0.02556	0.0671	0.00617	0.00609	1.03E-04	2.00E-03	3.94E-05	1.92E-05	2.16E-03	9.40E-05	0.00E+00	5.25E-07	5.24E-07	9.50E-05	1.20E-04	2.00E-03	3.94E-05	1.92E-05	2.18E-03
4850	486363.09, 3861877.25	0.02505	0.07279	0.0049	0.0062	1.01E-04	2.17E-03	3.13E-05	1.96E-05	2.32E-03	9.21E-05	0.00E+00	4.17E-07	5.34E-07	9.30E-05	1.17E-04	2.17E-03	3.13E-05	1.96E-05	2.34E-03
4851	486863.09, 3861877.25	0.02505	0.07919	0.00468	0.00626	1.01E-04	2.36E-03	2.99E-05	1.98E-05	2.51E-03	9.21E-05	0.00E+00	3.98E-07	5.39E-07	9.30E-05	1.17E-04	2.36E-03	2.99E-05	1.98E-05	2.53E-03
4852	487363.09, 3861877.25	0.02547	0.08528	0.0055	0.00618	1.03E-04	2.54E-03	3.51E-05	1.95E-05	2.70E-03	9.36E-05	0.00E+00	4.68E-07	5.32E-07	9.46E-05	1.19E-04	2.54E-03	3.51E-05	1.95E-05	2.72E-03
4853	487863.09, 3861877.25	0.02581	0.08745	0.00683	0.00657	1.04E-04	2.61E-03	4.36E-05	2.07E-05	2.78E-03	9.49E-05	0.00E+00	5.81E-07	5.66E-07	9.60E-05	1.21E-04	2.61E-03	4.36E-05	2.07E-05	2.79E-03
4854	488363.09, 3861877.25	0.02523	0.08618	0.00622	0.00694	1.02E-04	2.57E-03	3.97E-05	2.19E-05	2.73E-03	9.28E-05	0.00E+00	5.29E-07	5.98E-07	9.39E-05	1.18E-04	2.57E-03	3.97E-05	2.19E-05	2.75E-03
4855	488863.09, 3861877.25	0.02536	0.08698	0.00461	0.00704	1.03E-04	2.59E-03	2.94E-05	2.22E-05	2.75E-03	9.32E-05	0.00E+00	3.92E-07	6.06E-07	9.42E-05	1.19E-04	2.59E-03	2.94E-05	2.22E-05	2.77E-03
4856	489363.09, 3861877.25	0.02617	0.08927	0.00412	0.00671	1.06E-04	2.66E-03	2.63E-05	2.12E-05	2.82E-03	9.62E-05	0.00E+00	3.50E-07	5.78E-07	9.71E-05	1.22E-04	2.66E-03	2.63E-05	2.12E-05	2.83E-03
4857	489863.09, 3861877.25	0.02665	0.09146	0.00453	0.00712	1.08E-04	2.73E-03	2.89E-05	2.25E-05	2.89E-03	9.80E-05	0.00E+00	3.85E-07	6.13E-07	9.90E-05	1.25E-04	2.73E-03	2.89E-05	2.25E-05	2.90E-03
4858	490363.09, 3861877.25	0.02693	0.09101	0.00605	0.00696	1.09E-04	2.72E-03	3.86E-05	2.20E-05	2.88E-03	9.90E-05	0.00E+00	5.15E-07	5.99E-07	1.00E-04	1.26E-04	2.72E-03	3.86E-05	2.20E-05	2.90E-03
4859	490863.09, 3861877.25	0.02709	0.08932	0.0073	0.00687	1.10E-04	2.66E-03	4.66E-05	2.17E-05	2.84E-03	9.96E-05	0.00E+00	6.21E-07	5.92E-07	1.01E-04	1.27E-04	2.66E-03	4.66E-05	2.17E-05	2.86E-03
4860	491363.09, 3861877.25	0.02757	0.08899	0.00741	0.00682	1.11E-04	2.65E-03	4.73E-05	2.15E-05	2.84E-03	1.01E-04	0.00E+00	6.30E-07	5.87E-07	1.03E-04	1.29E-04	2.65E-03	4.73E-05	2.15E-05	2.85E-03
4861	491863.09, 3861877.25	0.0291	0.08867	0.00746	0.00686	1.18E-04	2.65E-03	4.76E-05	2.17E-05	2.83E-03	1.07E-04	0.00E+00	6.34E-07	5.91E-07	1.08E-04	1.36E-04	2.65E-03	4.76E-05	2.17E-05	2.85E-03
4862	492363.09, 3861877.25	0.02864	0.08615	0.00786	0.0069	1.16E-04	2.57E-03	5.01E-05	2.18E-05	2.76E-03	1.05E-04	0.00E+00	6.68E-07	5.94E-07	1.07E-04	1.34E-04	2.57E-03	5.01E-05	2.18E-05	2.78E-03
4863	492863.09, 3861877.25	0.02696	0.08431	0.0076	0.00702	1.09E-04	2.52E-03	4.85E-05	2.22E-05	2.69E-03	9.91E-05	0.00E+00	6.46E-07	6.04E-07	1.00E-04	1.26E-04	2.52E-03	4.85E-05	2.22E-05	2.71E-03
4864	493363.09, 3861877.25	0.02581	0.08221	0.00722	0.00711	1.04E-04	2.45E-03	4.61E-05	2.24E-05	2.63E-03	9.49E-05	0.00E+00	6.14E-07	6.12E-07	9.61E-05	1.21E-04	2.45E-03	4.61E-05	2.24E-05	2.64E-03
4865	493863.09, 3861877.25	0.02557	0.07932	0.00746	0.00715	1.03E-04	2.37E-03	4.76E-05	2.26E-05	2.54E-03	9.40E-05	0.00E+00	6.34E-07	6.16E-07	9.53E-05	1.20E-04	2.37E-03	4.76E-05	2.26E-05	2.56E-03
4866	494363.09, 3861877.25	0.02564	0.07595	0.00797	0.00714	1.04E-04	2.27E-03	5.08E-05	2.25E-05	2.44E-03	9.43E-05	0.00E+00	6.78E-07	6.15E-07	9.56E-05	1.20E-04	2.27E-03	5.08E-05	2.25E-05	2.46E-03
4867	494863.09, 3861877.25	0.02614	0.07297	0.00818	0.00715	1.06E-04	2.18E-03	5.22E-05	2.26E-05	2.36E-03	9.61E-05	0.00E+00	6.96E-07	6.16E-07	9.74E-05	1.22E-04	2.18E-03	5.22E-05	2.26E-05	2.37E-03
4868	495363.09, 3861877.25	0.02704	0.06978	0.00797	0.00715	1.09E-04	2.08E-03	5.08E-05	2.26E-05	2.26E-03	9.94E-05	0.00E+00	6.78E-07	6.16E-07	1.01E-04	1.26E-04	2.08E-03	5.08E-05	2.26E-05	2.28E-03
4869	495863.09, 3861877.25	0.02813	0.06672	0.00779	0.00715	1.14E-04	1.99E-03	4.97E-05	2.26E-05	2.18E-03	1.03E-04	0.00E+00	6.63E-07	6.16E-07	1.05E-04	1.32E-04	1.99E-03	4.97E-05	2.26E-05	2.19E-03
4870	496363.09, 3861877.25	0.02897	0.06405	0.00795	0.00719	1.17E-04	1.91E-03	5.07E-05	2.27E-05	2.10E-03	1.07E-04	0.00E+00	6.76E-07	6.19E-07	1.08E-04	1.35E-04	1.91E-03	5.07E-05	2.27E-05	2.12E-03
4871	496863.09, 3861877.25	0.0309	0.06198	0.00934	0.00755	1.25E-04	1.85E-03	5.96E-05	2.38E-05	2.06E-03	1.14E-04	0.00E+00	7.94E-07	6.50E-07	1.15E-04	1.45E-04	1.85E-03	5.96E-05	2.38E-05	2.08E-03
4872	497363.09, 3861877.25	0.02939	0.05971	0.00905	0.00749	1.19E-04	1.78E-03	5.77E-05	2.36E-05	1.98E-03	1.08E-04	0.00E+00	7.70E-07	6.45E-07	1.09E-04	1.37E-04	1.78E-03	5.77E-05	2.36E-05	2.00E-03
4873	497863.09, 3861877.25	0.02838	0.05702	0.00924	0.00739	1.15E-04	1.70E-03	5.89E-05	2.33E-05	1.90E-03	1.04E-04	0.00E+00	7.86E-07	6.36E-07	1.06E-04	1.33E-04	1.70E-03	5.89E-05	2.33E-05	1.92E-03
4874	498363.09, 3861877.25	0.02761	0.05471	0.00942	0.00737	1.12E-04	1.63E-03	6.01E-05	2.33E-05	1.83E-03	1.02E-04	0.00E+00	8.01E-07	6.35E-07	1.03E-04	1.29E-04	1.63E-03	6.01E-05	2.33E-05	1.84E-03
4875	471363.09, 3862377.25	0.01011	0.00904	0.00459	0.00283	4.09E-05	2.70E-04	2.93E-05	8.94E-06	3.49E-04	3.72E-05	0.00E+00	3.90E-07	2.44E-07	3.78E-05	4.73E-05	2.70E-04	2.93E-05	8.94E-06	3.55E-04
4876	471863.09, 3862377.25	0.01052	0.00944	0.00471	0.00292	4.25E-05	2.82E-04	3.00E-05	9.22E-06	3.63E-04	3.87E-05	0.00E+00	4.01E-07	2.51E-07	3.93E-05	4.92E-05	2.82E-04	3.00E-05	9.22E-06	3.70E-04
4877	472363.09, 3862377.25	0.01086	0.00997	0.0048	0.003	4.39E-05	2.97E-04	3.06E-05	9.47E-06	3.81E-04	3.99E-05	0.00E+00	4.08E-07	2.58E-07	4.06E-05	5.08E-05	2.97E-04	3.06E-05	9.47E-06	3.88E-04
4878	472863.09, 3862377.25	0.01115	0.0105	0.00488	0.00309	4.51E-05	3.13E-04	3.11E-05	9.76E-06	3.99E-04	4.10E-05	0.00E+00	4.15E-07	2.66E-07	4.17E-05	5.21E-05	3.13E-04	3.11E-05	9.76E-06	4.06E-04
4879	473363.09, 3862377.25	0.01142	0.01102	0.00495	0.00319	4.62E-05	3.29E-04	3.16E-05	1.01E-05	4.17E-04	4.20E-05	0.00E+00	4.21E-07	2.75E-07	4.27E-05	5.34E-05	3.29E-04	3.16E-05	1.01E-05	4.24E-04
4880	473863.09, 3862377.25	0.01173	0.01151	0.00503	0.0033	4.74E-05	3.43E-04	3.21E-05	1.04E-05	4.33E-04	4.31E-05	0.00E+00	4.28E-07	2.84E-07	4.38E-05	5.49E-05	3.43E-04	3.21E-05	1.04E-05	4.41E-04
4881	474363.09, 3862377.25	0.01211	0.01191	0.00513	0.00341	4.90E-05	3.55E-04	3.27E-05	1.08E-05	4.48E-04	4.45E-05	0.00E+00	4.36E-07	2.94E-07	4.53E-05	5.66E-05	3.55E-04	3.27E-05	1.08E-05	4.55E-04
4882	474863.09, 3862377.25	0.01253	0.01219	0.00528	0.00354	5.06E-05	3.64E-04	3.37E-05	1.12E-05	4.59E-04	4.61E-05	0.00E+00	4.49E-07	3.05E-07	4.68E-05	5.86E-05	3.64E-04	3.37E-05	1.12E-05	4.67E-04
4883	475363.09, 3862377.25	0.01294	0.01304	0.00544	0.0036	5.23E-05	3.89E-04	3.47E-05	1.14E-05	4.87E-04	4.76E-05	0.00E+00	4.63E-07	3.10E-07	4.83E-05	6.05E-05	3.89E-04	3.47E-05	1.14E-05	4.96E-04
4884	475863.09, 3862377.25	0.0133	0.01384	0.00557	0.00368	5.38E-05	4.13E-04	3.55E-05	1.16E-05	5.14E-04	4.89E-05	0.00E+00	4.74E-07	3.17E-07	4.97E-05	6.22E-05	4.13E-04	3.55E-05	1.16E-05	5.22E-04
4885	476363.09, 3862377.25	0.01359	0.01452	0.00567	0.00378	5.49E-05	4.33E-04	3.62E-05	1.19E-05	5.36E-04	5.00E-05	0.00E+00	4.82E-07	3.25E-07	5.08E-05	6.36E-05	4.33E-04	3.62E-05	1.19E-05	5.45E-04
4886	476863.09, 3862377.25	0.01379	0.01509	0.00575	0.00389	5.57E-05	4.50E-04	3.67E-05	1.23E-05	5.55E-04	5.07E-05	0.00E+00	4.89E-07	3.35E-07	5.15E-05	6.45E-05	4.50E-04	3.67E-05	1.23E-05	5.64E-04
4887	477363.09, 3862377.25	0.01389	0.01496	0.00594	0.00411	5.61E-05	4.46E-04	3.79E-05	1.30E-05	5.53E-04	5.11E-05	0.00E+00	5.05E-07	3.54E-07	5.19E-05	6.50E-05	4.46E-04	3.79E-05	1.30E-05	5.62E-04
4888	477863.09, 3862377.25	0.01348	0.01094	0.00813	0.00526	5.45E-05	3.26E-04	5.19E-05	1.66E-05	4.49E-04	4.96E-05	0.00E+00	6.91E-07	4.53E-07	5.07E-05	6.30E-05	3.26E-04	5.19E-05	1.66E-05	4.58E-04
4889	478363.09, 3862377.25	0.01234	0.00783	0.00754	0.00479	4.99E-05	2.34E-04	4.81E-05	1.51E-05	3.47E-04	4.54E-05	0.00E+00	6.41E-07	4.12E-07	4.64E-05	5.77E-05	2.34E-04	4.81E-05	1.51E-05	3.55E-04
4890	478863.09, 3862377.25	0.0134	0.00856	0.00669	0.00439	5.42E-05	2.55E-04	4.27E-05	1.39E-05	3.66E-04	4.93E-05	0.00E+00	5.69E-07	3.78E-07	5.02E-05	6.27E-05	2.55E-04	4.27E-05	1.39E-05	3.75E-04
4891	479363.09, 3862377.25	0.01564	0.01114	0.00717	0.00462	6.32E-05	3.32E-04	4.57E-05	1.46E-05	4.56E-04	5.75E-05	0.00E+00	6.10E-07	3.98E-07	5.85E-05	7.31E-05	3.32E-04	4.57E-05	1.46E-05	4.66E-04
4892	479863.09, 3862377.25	0.01814	0.02099	0.00681	0.00449	7.33E-05	6.26E-04	4.34E-05	1.42E-05	7.57E-04	6.67E-05	0.00E+00	5.79E-07	3.87E-07	6.77E-05	8.48E-05	6.26E-04	4.34E-05	1.42E-05	7.69E-04
4893	480363.09, 3862377.25	0.01921	0.02573	0.00693	0.00455	7.77E-05	7.68E-04	4.42E-05	1.44E-05	9.04E-04	7.06E-05	0.00E+00	5.89E-07	3.92E-07	7.16E-05	8.98E-05	7.68E-04	4.42E-05	1.44E-05	9.16E-04

4894	480863.09, 3862377.25	0.02039	0.02803	0.00711	0.00466	8.24E-05	8.36E-04	4.54E-05	1.47E-05	9.79E-04	7.50E-05	0.00E+00	6.05E-07	4.01E-07	7.60E-05	9.54E-05	8.36E-04	4.54E-05	1.47E-05	9.92E-04
4895	481363.09, 3862377.25	0.02171	0.03009	0.00726	0.00472	8.78E-05	8.98E-04	4.63E-05	1.49E-05	1.05E-03	7.98E-05	0.00E+00	6.17E-07	4.06E-07	8.08E-05	1.02E-04	8.98E-04	4.63E-05	1.49E-05	1.06E-03
4896	481863.09, 3862377.25	0.02269	0.03225	0.00741	0.00478	9.17E-05	9.62E-04	4.73E-05	1.51E-05	1.12E-03	8.34E-05	0.00E+00	6.30E-07	4.12E-07	8.45E-05	1.06E-04	9.62E-04	4.73E-05	1.51E-05	1.13E-03
4897	482363.09, 3862377.25	0.02337	0.03452	0.0075	0.00484	9.45E-05	1.03E-03	4.78E-05	1.53E-05	1.19E-03	8.59E-05	0.00E+00	6.38E-07	4.17E-07	8.70E-05	1.09E-04	1.03E-03	4.78E-05	1.53E-05	1.20E-03
4898	482863.09, 3862377.25	0.02417	0.03668	0.00724	0.00503	9.77E-05	1.09E-03	4.62E-05	1.59E-05	1.25E-03	8.89E-05	0.00E+00	6.16E-07	4.33E-07	8.99E-05	1.13E-04	1.09E-03	4.62E-05	1.59E-05	1.27E-03
4899	483363.09, 3862377.25	0.02495	0.03863	0.00664	0.00524	1.01E-04	1.15E-03	4.24E-05	1.65E-05	1.31E-03	9.17E-05	0.00E+00	5.65E-07	4.51E-07	9.27E-05	1.17E-04	1.15E-03	4.24E-05	1.65E-05	1.33E-03
4900	483863.09, 3862377.25	0.02484	0.04162	0.00606	0.00547	1.00E-04	1.24E-03	3.87E-05	1.73E-05	1.40E-03	9.13E-05	0.00E+00	5.15E-07	4.71E-07	9.23E-05	1.16E-04	1.24E-03	3.87E-05	1.73E-05	1.41E-03
4901	484363.09, 3862377.25	0.02474	0.04451	0.00563	0.00553	1.00E-04	1.33E-03	3.59E-05	1.75E-05	1.48E-03	9.10E-05	0.00E+00	4.79E-07	4.76E-07	9.19E-05	1.16E-04	1.33E-03	3.59E-05	1.75E-05	1.50E-03
4902	484863.09, 3862377.25	0.02416	0.04744	0.00504	0.00545	9.77E-05	1.42E-03	3.21E-05	1.72E-05	1.56E-03	8.88E-05	0.00E+00	4.29E-07	4.69E-07	8.97E-05	1.13E-04	1.42E-03	3.21E-05	1.72E-05	1.58E-03
4903	485363.09, 3862377.25	0.02344	0.0506	0.00569	0.00527	9.47E-05	1.51E-03	3.63E-05	1.66E-05	1.66E-03	8.62E-05	0.00E+00	4.84E-07	4.54E-07	8.71E-05	1.10E-04	1.51E-03	3.63E-05	1.66E-05	1.67E-03
4904	485863.09, 3862377.25	0.0223	0.05394	0.00553	0.00507	9.01E-05	1.61E-03	3.53E-05	1.60E-05	1.75E-03	8.20E-05	0.00E+00	4.70E-07	4.37E-07	8.29E-05	1.04E-04	1.61E-03	3.53E-05	1.60E-05	1.76E-03
4905	486363.09, 3862377.25	0.02168	0.05801	0.00421	0.00498	8.76E-05	1.73E-03	2.69E-05	1.57E-05	1.86E-03	7.97E-05	0.00E+00	3.58E-07	4.29E-07	8.05E-05	1.01E-04	1.73E-03	2.69E-05	1.57E-05	1.87E-03
4906	486863.09, 3862377.25	0.02165	0.06052	0.00439	0.00495	8.75E-05	1.81E-03	2.80E-05	1.56E-05	1.94E-03	7.96E-05	0.00E+00	3.73E-07	4.26E-07	8.04E-05	1.01E-04	1.81E-03	2.80E-05	1.56E-05	1.95E-03
4907	487363.09, 3862377.25	0.0221	0.06306	0.00528	0.00497	8.93E-05	1.88E-03	3.37E-05	1.57E-05	2.02E-03	8.13E-05	0.00E+00	4.49E-07	4.28E-07	8.21E-05	1.03E-04	1.88E-03	3.37E-05	1.57E-05	2.03E-03
4908	487863.09, 3862377.25	0.02263	0.06362	0.00642	0.00527	9.15E-05	1.90E-03	4.10E-05	1.66E-05	2.05E-03	8.32E-05	0.00E+00	5.46E-07	4.54E-07	8.42E-05	1.06E-04	1.90E-03	4.10E-05	1.66E-05	2.06E-03
4909	488363.09, 3862377.25	0.0222	0.06184	0.00587	0.00556	8.97E-05	1.84E-03	3.74E-05	1.76E-05	1.99E-03	8.16E-05	0.00E+00	4.99E-07	4.79E-07	8.26E-05	1.04E-04	1.84E-03	3.74E-05	1.76E-05	2.00E-03
4910	488863.09, 3862377.25	0.02187	0.0622	0.00431	0.00547	8.84E-05	1.86E-03	2.75E-05	1.73E-05	1.99E-03	8.04E-05	0.00E+00	3.67E-07	4.71E-07	8.12E-05	1.02E-04	1.86E-03	2.75E-05	1.73E-05	2.00E-03
4911	489363.09, 3862377.25	0.02256	0.06383	0.0039	0.00524	9.12E-05	1.90E-03	2.49E-05	1.65E-05	2.04E-03	8.29E-05	0.00E+00	3.32E-07	4.51E-07	8.37E-05	1.06E-04	1.90E-03	2.49E-05	1.65E-05	2.05E-03
4912	489863.09, 3862377.25	0.02327	0.0653	0.00376	0.00561	9.41E-05	1.95E-03	2.40E-05	1.77E-05	2.08E-03	8.56E-05	0.00E+00	3.20E-07	4.83E-07	8.64E-05	1.09E-04	1.95E-03	2.40E-05	1.77E-05	2.10E-03
4913	490363.09, 3862377.25	0.0234	0.0669	0.00464	0.00578	9.46E-05	2.00E-03	2.96E-05	1.82E-05	2.14E-03	8.60E-05	0.00E+00	3.95E-07	4.98E-07	8.69E-05	1.09E-04	2.00E-03	2.96E-05	1.82E-05	2.15E-03
4914	490863.09, 3862377.25	0.02384	0.06656	0.0061	0.00564	9.64E-05	1.99E-03	3.89E-05	1.78E-05	2.14E-03	8.76E-05	0.00E+00	5.19E-07	4.86E-07	8.87E-05	1.11E-04	1.99E-03	3.89E-05	1.78E-05	2.15E-03
4915	491363.09, 3862377.25	0.02379	0.06494	0.00677	0.00556	9.62E-05	1.94E-03	4.32E-05	1.76E-05	2.09E-03	8.75E-05	0.00E+00	5.76E-07	4.79E-07	8.85E-05	1.11E-04	1.94E-03	4.32E-05	1.76E-05	2.11E-03
4916	491863.09, 3862377.25	0.024	0.06373	0.0067	0.00543	9.70E-05	1.90E-03	4.27E-05	1.71E-05	2.06E-03	8.82E-05	0.00E+00	5.70E-07	4.68E-07	8.93E-05	1.12E-04	1.90E-03	4.27E-05	1.71E-05	2.07E-03
4917	492363.09, 3862377.25	0.0253	0.06407	0.00671	0.00541	1.02E-04	1.91E-03	4.28E-05	1.71E-05	2.07E-03	9.30E-05	0.00E+00	5.71E-07	4.66E-07	9.41E-05	1.18E-04	1.91E-03	4.28E-05	1.71E-05	2.09E-03
4918	492863.09, 3862377.25	0.0253	0.06412	0.00712	0.00548	1.02E-04	1.91E-03	4.54E-05	1.73E-05	2.08E-03	9.30E-05	0.00E+00	6.06E-07	4.72E-07	9.41E-05	1.18E-04	1.91E-03	4.54E-05	1.73E-05	2.09E-03
4919	493363.09, 3862377.25	0.02394	0.06359	0.00695	0.00557	9.68E-05	1.90E-03	4.43E-05	1.76E-05	2.06E-03	8.80E-05	0.00E+00	5.91E-07	4.80E-07	8.91E-05	1.12E-04	1.90E-03	4.43E-05	1.76E-05	2.07E-03
4920	493863.09, 3862377.25	0.02271	0.06278	0.00646	0.00565	9.18E-05	1.87E-03	4.12E-05	1.78E-05	2.02E-03	8.35E-05	0.00E+00	5.49E-07	4.87E-07	8.45E-05	1.06E-04	1.87E-03	4.12E-05	1.78E-05	2.04E-03
4921	494363.09, 3862377.25	0.02231	0.06162	0.00644	0.00571	9.02E-05	1.84E-03	4.11E-05	1.80E-05	1.99E-03	8.20E-05	0.00E+00	5.48E-07	4.92E-07	8.31E-05	1.04E-04	1.84E-03	4.11E-05	1.80E-05	2.00E-03
4922	494863.09, 3862377.25	0.02236	0.06006	0.00686	0.00575	9.04E-05	1.79E-03	4.38E-05	1.82E-05	1.94E-03	8.22E-05	0.00E+00	5.83E-07	4.95E-07	8.33E-05	1.05E-04	1.79E-03	4.38E-05	1.82E-05	1.96E-03
4923	495363.09, 3862377.25	0.02235	0.05768	0.00722	0.00572	9.03E-05	1.72E-03	4.61E-05	1.81E-05	1.88E-03	8.22E-05	0.00E+00	6.14E-07	4.93E-07	8.33E-05	1.05E-04	1.72E-03	4.61E-05	1.81E-05	1.89E-03
4924	495863.09, 3862377.25	0.02275	0.0556	0.00722	0.00572	9.20E-05	1.66E-03	4.61E-05	1.81E-05	1.81E-03	8.36E-05	0.00E+00	6.14E-07	4.93E-07	8.47E-05	1.06E-04	1.66E-03	4.61E-05	1.81E-05	1.83E-03
4925	496363.09, 3862377.25	0.02352	0.05356	0.00693	0.00572	9.51E-05	1.60E-03	4.42E-05	1.81E-05	1.76E-03	8.65E-05	0.00E+00	5.89E-07	4.93E-07	8.76E-05	1.10E-04	1.60E-03	4.42E-05	1.81E-05	1.77E-03
4926	496863.09, 3862377.25	0.02465	0.05224	0.00677	0.0058	9.96E-05	1.56E-03	4.32E-05	1.83E-05	1.72E-03	9.06E-05	0.00E+00	5.76E-07	4.99E-07	9.17E-05	1.15E-04	1.56E-03	4.32E-05	1.83E-05	1.74E-03
4927	497363.09, 3862377.25	0.02503	0.05024	0.00681	0.00581	1.01E-04	1.50E-03	4.34E-05	1.83E-05	1.66E-03	9.20E-05	0.00E+00	5.79E-07	5.00E-07	9.31E-05	1.17E-04	1.50E-03	4.34E-05	1.83E-05	1.68E-03
4928	497863.09, 3862377.25	0.02502	0.04854	0.00709	0.00585	1.01E-04	1.45E-03	4.52E-05	1.85E-05	1.61E-03	9.20E-05	0.00E+00	6.03E-07	5.04E-07	9.31E-05	1.17E-04	1.45E-03	4.52E-05	1.85E-05	1.63E-03
4929	498363.09, 3862377.25	0.0245	0.04675	0.00741	0.00587	9.90E-05	1.39E-03	4.73E-05	1.85E-05	1.56E-03	9.01E-05	0.00E+00	6.30E-07	5.05E-07	9.12E-05	1.15E-04	1.39E-03	4.73E-05	1.85E-05	1.58E-03
4930	471363.09, 3862877.25	0.00971	0.00891	0.00447	0.00282	3.92E-05	2.66E-04	2.85E-05	8.90E-06	3.42E-04	3.57E-05	0.00E+00	3.80E-07	2.43E-07	3.63E-05	4.54E-05	2.66E-04	2.85E-05	8.90E-06	3.49E-04
4931	471863.09, 3862877.25	0.00995	0.00935	0.00452	0.00291	4.02E-05	2.79E-04	2.88E-05	9.19E-06	3.57E-04	3.66E-05	0.00E+00	3.84E-07	2.51E-07	3.72E-05	4.65E-05	2.79E-04	2.88E-05	9.19E-06	3.63E-04
4932	472363.09, 3862877.25	0.01017	0.00983	0.0046	0.003	4.11E-05	2.93E-04	2.93E-05	9.47E-06	3.73E-04	3.74E-05	0.00E+00	3.91E-07	2.58E-07	3.80E-05	4.76E-05	2.93E-04	2.93E-05	9.47E-06	3.80E-04
4933	472863.09, 3862877.25	0.01041	0.01025	0.00469	0.00309	4.21E-05	3.06E-04	2.99E-05	9.76E-06	3.88E-04	3.83E-05	0.00E+00	3.99E-07	2.66E-07	3.89E-05	4.87E-05	3.06E-04	2.99E-05	9.76E-06	3.94E-04
4934	473363.09, 3862877.25	0.01068	0.01069	0.00482	0.00318	4.32E-05	3.19E-04	3.07E-05	1.00E-05	4.03E-04	3.93E-05	0.00E+00	4.10E-07	2.74E-07	3.99E-05	4.99E-05	3.19E-04	3.07E-05	1.00E-05	4.10E-04
4935	473863.09, 3862877.25	0.01099	0.01114	0.00496	0.00327	4.44E-05	3.32E-04	3.16E-05	1.03E-05	4.19E-04	4.04E-05	0.00E+00	4.22E-07	2.82E-07	4.11E-05	5.14E-05	3.32E-04	3.16E-05	1.03E-05	4.26E-04
4936	474363.09, 3862877.25	0.01132	0.01158	0.00508	0.00336	4.58E-05	3.45E-04	3.24E-05	1.06E-05	4.34E-04	4.16E-05	0.00E+00	4.32E-07	2.89E-07	4.23E-05	5.29E-05	3.45E-04	3.24E-05	1.06E-05	4.41E-04
4937	474863.09, 3862877.25	0.0116	0.01208	0.00517	0.00346	4.69E-05	3.60E-04	3.30E-05	1.09E-05	4.51E-04	4.26E-05	0.00E+00	4.40E-07	2.98E-07	4.34E-05	5.42E-05	3.60E-04	3.30E-05	1.09E-05	4.59E-04
4938	475363.09, 3862877.25	0.0118	0.0128	0.00518	0.00352	4.77E-05	3.82E-04	3.30E-05	1.11E-05	4.74E-04	4.34E-05	0.00E+00	4.41E-07	3.03E-07	4.41E-05	5.52E-05	3.82E-04	3.30E-05	1.11E-05	4.81E-04
4939	475863.09, 3862877.25	0.01195	0.01352	0.00514	0.00359	4.83E-05	4.03E-04	3.28E-05	1.13E-05	4.96E-04	4.39E-05	0.00E+00	4.37E-07	3.09E-07	4.47E-05	5.59E-05	4.03E-04	3.28E-05	1.13E-05	5.03E-04
4940	476363.09, 3862877.25	0.01209	0.0143	0.00509	0.00364	4.89E-05	4.27E-04	3.25E-05	1.15E-05	5.19E-04	4.44E-05	0.00E+00	4.33E-07	3.13E-07	4.52E-05	5.65E-05	4.27E-04	3.25E-05	1.15E-05	5.27E-04
4941	476863.09, 3862877.25	0.01235	0.01495	0.00512	0.0037	4.99E-05	4.46E-04	3.27E-05	1.17E-05	5.40E-04	4.54E-05	0.00E+00	4.35E-07	3.19E-07	4.62E-05	5.78E-05	4.46E-04	3.27E-05	1.17E-05	5.48E-04
4942	477363.09, 3862877.25	0.01281	0.01543	0.00527	0.00379	5.18E-05	4.60E-04	3.36E-05	1.20E-05	5.58E-04	4.71E-05	0.00E+00	4.48E-07	3.26E-07	4.79E-05	5.99E-05	4.60E-04	3.36E-05	1.20E-05	5.66E-04
4943	477863.09, 3862877.25	0.01333	0.01414	0.00572	0.00407	5.39E-05	4.22E-04	3.65E-05	1.29E-05	5.25E-04	4.90E-05	0.00E+00	4.86E-07	3.50E-07	4.98E-05	6.23E-05	4.22E-04	3.65E-05	1.29E-05	5.34E-04
4944	478363.09, 3862877.25	0.01327	0.01031	0.00636	0.00423	5.36E-05	3.08E-04	4.06E-05	1.34E-05	4.15E-04	4.88E-05	0.00E+00	5.41E-07	3.64E-07	4.97E-05	6.21E-05	3.08E-04	4.06E-05	1.34E-05	4.24E-04
4945	478863.09, 3862877.25	0.01417	0.01096	0.00665	0.00435	5.73E-05	3.27E-04	4.24E-05	1.37E-05	4.40E-04	5.21E-05	0.00E+00	5.66E-07	3.75E-07	5.30E-05	6.63E-05	3.27E-04	4.24E-05	1.37E-05	4.49E-04
4946	479363.09, 3862877.25	0.01491	0.01219	0.00673	0.00435	6.03E-05	3.64E-04	4.29E-05	1.37E-05	4.81E-04	5.48E-05	0.00E+00	5.72E-07	3.75E-07	5.58E-05	6.97E-05	3.64E-04	4.29E-05	1.37E-05	4.90E-04
4947	479863.09, 3862877.25	0.01681	0.02207	0.00638	0.00422	6.79E-05	6.58E-04	4.07E-05	1.33E-05	7.80E-04	6.18E-05	0.00E+00	5.43E-07	3.63E-07	6.27E-05	7.86E-05	6.58E-04	4.07E-05	1.33E-05	7.91E-04
4948	480363.09, 3862877.25	0.01771	0.02434	0.00655	0.00434	7.16E-05	7.26E-04	4.18E-05	1.37E-05	8.53E-04	6.51E-05	0.00E+00	5.57E-07	3.74E-07	6.60E-05	8.28E-05	7.26E-04	4.18E-05	1.37E-05	8.64E-04
4949	480863.09, 3862877.25	0.01888	0.02605	0.0067	0.00437	7.63E-05	7.77E-04	4.27E-05	1.38E-05	9.10E-04	6.94E-05	0.00E+00	5.70E-07	3.76E-07	7.04E-05	8.83E-05	7.77E-04	4.27E-05	1.38E-05	9.22E-04
4950	481363.09, 3862877.25	0.01984	0.02772	0.00675	0.0044	8.02E-05	8.27E-04	4.31E-05	1.39E-05	9.64E-04	7.29E-05	0.00E+00	5.74E-07	3.79E-07	7.39E-05	9.28E-05	8.27E-04	4.31E-05	1.39E-05	9.77E-04
4951	481863.09, 3862877.25	0.02061	0.02872	0.00688	0.0044	8.33E-05	8.57E-04	4.39E-05	1.39E-05	9.98E-04	7.58E-05	0.00E+00	5.85E-07	3.79E-07	7.67E-05	9.64E-05	8.57E-04	4.39E-05	1.39E-05	1.01E-03
4952	482363.09, 3862877.25	0.02076	0.03062	0.00639	0.00451	8.39E-05	9.13E-04	4.08E-05	1.42E-05	1.05E-03	7.63E-05	0.00E+00	5.43E-07	3.88E-07	7.73E-05	9.71E-05	9.13E-04	4.08E-05	1.42E-05	1.07E-03

4953	482863.09, 3862877.25	0.02155	0.03229	0.00589	0.00465	8.71E-05	9.63E-04	3.76E-05	1.47E-05	1.10E-03	7.92E-05	0.00E+00	5.01E-07	4.00E-07	8.01E-05	1.01E-04	9.63E-04	3.76E-05	1.47E-05	1.12E-03
4954	483363.09, 3862877.25	0.02198	0.0341	0.00553	0.00483	8.88E-05	1.02E-03	3.53E-05	1.53E-05	1.16E-03	8.08E-05	0.00E+00	4.70E-07	4.16E-07	8.17E-05	1.03E-04	1.02E-03	3.53E-05	1.53E-05	1.17E-03
4955	483863.09, 3862877.25	0.02178	0.03595	0.00513	0.00498	8.80E-05	1.07E-03	3.27E-05	1.57E-05	1.21E-03	8.01E-05	0.00E+00	4.36E-07	4.29E-07	8.09E-05	1.02E-04	1.07E-03	3.27E-05	1.57E-05	1.22E-03
4956	484363.09, 3862877.25	0.02157	0.03747	0.00469	0.00494	8.72E-05	1.12E-03	2.99E-05	1.56E-05	1.25E-03	7.93E-05	0.00E+00	3.99E-07	4.25E-07	8.01E-05	1.01E-04	1.12E-03	2.99E-05	1.56E-05	1.26E-03
4957	484863.09, 3862877.25	0.02127	0.03951	0.00502	0.00477	8.60E-05	1.18E-03	3.20E-05	1.51E-05	1.31E-03	7.82E-05	0.00E+00	4.27E-07	4.11E-07	7.90E-05	9.95E-05	1.18E-03	3.20E-05	1.51E-05	1.33E-03
4958	485363.09, 3862877.25	0.02065	0.04225	0.0058	0.00448	8.35E-05	1.26E-03	3.70E-05	1.41E-05	1.40E-03	7.59E-05	0.00E+00	4.93E-07	3.86E-07	7.68E-05	9.66E-05	1.26E-03	3.70E-05	1.41E-05	1.41E-03
4959	485863.09, 3862877.25	0.01949	0.04499	0.0045	0.00431	7.88E-05	1.34E-03	2.87E-05	1.36E-05	1.46E-03	7.17E-05	0.00E+00	3.83E-07	3.71E-07	7.24E-05	9.11E-05	1.34E-03	2.87E-05	1.36E-05	1.48E-03
4960	486363.09, 3862877.25	0.01912	0.04763	0.00396	0.00425	7.73E-05	1.42E-03	2.53E-05	1.34E-05	1.54E-03	7.03E-05	0.00E+00	3.37E-07	3.66E-07	7.10E-05	8.94E-05	1.42E-03	2.53E-05	1.34E-05	1.55E-03
4961	486863.09, 3862877.25	0.01891	0.04773	0.00411	0.00422	7.64E-05	1.42E-03	2.62E-05	1.33E-05	1.54E-03	6.95E-05	0.00E+00	3.50E-07	3.63E-07	7.02E-05	8.84E-05	1.42E-03	2.62E-05	1.33E-05	1.55E-03
4962	487363.09, 3862877.25	0.01937	0.0488	0.00509	0.00421	7.83E-05	1.46E-03	3.25E-05	1.33E-05	1.58E-03	7.12E-05	0.00E+00	4.33E-07	3.63E-07	7.20E-05	9.06E-05	1.46E-03	3.25E-05	1.33E-05	1.59E-03
4963	487863.09, 3862877.25	0.01998	0.04907	0.00604	0.00448	8.08E-05	1.46E-03	3.85E-05	1.41E-05	1.60E-03	7.35E-05	0.00E+00	5.14E-07	3.86E-07	7.44E-05	9.34E-05	1.46E-03	3.85E-05	1.41E-05	1.61E-03
4964	488363.09, 3862877.25	0.01986	0.04767	0.00556	0.00473	8.03E-05	1.42E-03	3.55E-05	1.49E-05	1.55E-03	7.30E-05	0.00E+00	4.73E-07	4.07E-07	7.39E-05	9.29E-05	1.42E-03	3.55E-05	1.49E-05	1.57E-03
4965	488863.09, 3862877.25	0.01923	0.04765	0.00405	0.00449	7.77E-05	1.42E-03	2.58E-05	1.42E-05	1.54E-03	7.07E-05	0.00E+00	3.44E-07	3.87E-07	7.14E-05	8.99E-05	1.42E-03	2.58E-05	1.42E-05	1.55E-03
4966	489363.09, 3862877.25	0.01945	0.04875	0.00374	0.0044	7.86E-05	1.45E-03	2.39E-05	1.39E-05	1.57E-03	7.15E-05	0.00E+00	3.18E-07	3.79E-07	7.22E-05	9.10E-05	1.45E-03	2.39E-05	1.39E-05	1.58E-03
4967	489863.09, 3862877.25	0.02028	0.04952	0.00334	0.0046	8.20E-05	1.48E-03	2.13E-05	1.45E-05	1.60E-03	7.46E-05	0.00E+00	2.84E-07	3.96E-07	7.52E-05	9.48E-05	1.48E-03	2.13E-05	1.45E-05	1.61E-03
4968	490363.09, 3862877.25	0.02054	0.05062	0.0037	0.00488	8.30E-05	1.51E-03	2.36E-05	1.54E-05	1.63E-03	7.55E-05	0.00E+00	3.15E-07	4.20E-07	7.63E-05	9.61E-05	1.51E-03	2.36E-05	1.54E-05	1.65E-03
4969	490863.09, 3862877.25	0.02064	0.05179	0.00478	0.00489	8.34E-05	1.55E-03	3.05E-05	1.54E-05	1.67E-03	7.59E-05	0.00E+00	4.07E-07	4.21E-07	7.67E-05	9.65E-05	1.55E-03	3.05E-05	1.54E-05	1.69E-03
4970	491363.09, 3862877.25	0.0213	0.052	0.00597	0.00486	8.61E-05	1.55E-03	3.81E-05	1.53E-05	1.69E-03	7.83E-05	0.00E+00	5.08E-07	4.18E-07	7.92E-05	9.96E-05	1.55E-03	3.81E-05	1.53E-05	1.70E-03
4971	491863.09, 3862877.25	0.02089	0.0502	0.00622	0.00475	8.44E-05	1.50E-03	3.97E-05	1.50E-05	1.64E-03	7.68E-05	0.00E+00	5.29E-07	4.09E-07	7.77E-05	9.77E-05	1.50E-03	3.97E-05	1.50E-05	1.65E-03
4972	492363.09, 3862877.25	0.02123	0.04906	0.00614	0.00464	8.58E-05	1.46E-03	3.92E-05	1.47E-05	1.60E-03	7.81E-05	0.00E+00	5.22E-07	4.00E-07	7.90E-05	9.93E-05	1.46E-03	3.92E-05	1.47E-05	1.62E-03
4973	492863.09, 3862877.25	0.02232	0.04899	0.00612	0.00456	9.02E-05	1.46E-03	3.90E-05	1.44E-05	1.61E-03	8.21E-05	0.00E+00	5.20E-07	3.93E-07	8.30E-05	1.04E-04	1.46E-03	3.90E-05	1.44E-05	1.62E-03
4974	493363.09, 3862877.25	0.02251	0.04962	0.00652	0.0046	9.10E-05	1.48E-03	4.16E-05	1.45E-05	1.63E-03	8.28E-05	0.00E+00	5.55E-07	3.96E-07	8.37E-05	1.05E-04	1.48E-03	4.16E-05	1.45E-05	1.64E-03
4975	493863.09, 3862877.25	0.02154	0.05008	0.00646	0.0047	8.71E-05	1.49E-03	4.12E-05	1.48E-05	1.64E-03	7.92E-05	0.00E+00	5.49E-07	4.05E-07	8.01E-05	1.01E-04	1.49E-03	4.12E-05	1.48E-05	1.65E-03
4976	494363.09, 3862877.25	0.02035	0.04993	0.00595	0.00476	8.23E-05	1.49E-03	3.80E-05	1.50E-05	1.62E-03	7.48E-05	0.00E+00	5.06E-07	4.10E-07	7.57E-05	9.52E-05	1.49E-03	3.80E-05	1.50E-05	1.64E-03
4977	494863.09, 3862877.25	0.01968	0.04924	0.00569	0.00477	7.96E-05	1.47E-03	3.63E-05	1.51E-05	1.60E-03	7.24E-05	0.00E+00	4.84E-07	4.11E-07	7.32E-05	9.20E-05	1.47E-03	3.63E-05	1.51E-05	1.61E-03
4978	495363.09, 3862877.25	0.0196	0.04848	0.00593	0.00479	7.92E-05	1.45E-03	3.78E-05	1.51E-05	1.58E-03	7.21E-05	0.00E+00	5.04E-07	4.12E-07	7.30E-05	9.17E-05	1.45E-03	3.78E-05	1.51E-05	1.59E-03
4979	495863.09, 3862877.25	0.01966	0.04742	0.00637	0.0048	7.95E-05	1.41E-03	4.06E-05	1.52E-05	1.55E-03	7.23E-05	0.00E+00	5.42E-07	4.13E-07	7.32E-05	9.19E-05	1.41E-03	4.06E-05	1.52E-05	1.56E-03
4980	496363.09, 3862877.25	0.0198	0.04604	0.00661	0.0048	8.00E-05	1.37E-03	4.22E-05	1.52E-05	1.51E-03	7.28E-05	0.00E+00	5.62E-07	4.13E-07	7.38E-05	9.26E-05	1.37E-03	4.22E-05	1.52E-05	1.52E-03
4981	496863.09, 3862877.25	0.02023	0.04456	0.00648	0.0048	8.18E-05	1.33E-03	4.13E-05	1.52E-05	1.47E-03	7.44E-05	0.00E+00	5.51E-07	4.13E-07	7.53E-05	9.46E-05	1.33E-03	4.13E-05	1.52E-05	1.48E-03
4982	497363.09, 3862877.25	0.02088	0.04301	0.00615	0.00479	8.44E-05	1.28E-03	3.92E-05	1.51E-05	1.42E-03	7.68E-05	0.00E+00	5.23E-07	4.12E-07	7.77E-05	9.76E-05	1.28E-03	3.92E-05	1.51E-05	1.44E-03
4983	497863.09, 3862877.25	0.02154	0.0417	0.00592	0.00482	8.71E-05	1.24E-03	3.78E-05	1.52E-05	1.38E-03	7.92E-05	0.00E+00	5.03E-07	4.15E-07	8.01E-05	1.01E-04	1.24E-03	3.78E-05	1.52E-05	1.40E-03
4984	498363.09, 3862877.25	0.02199	0.04065	0.00595	0.00487	8.89E-05	1.21E-03	3.80E-05	1.54E-05	1.35E-03	8.08E-05	0.00E+00	5.06E-07	4.19E-07	8.18E-05	1.03E-04	1.21E-03	3.80E-05	1.54E-05	1.37E-03
4985	471363.09, 3863377.25	0.00915	0.00883	0.00431	0.00284	3.70E-05	2.63E-04	2.75E-05	8.97E-06	3.37E-04	3.36E-05	0.00E+00	3.67E-07	2.45E-07	3.43E-05	4.28E-05	2.63E-04	2.75E-05	8.97E-06	3.43E-04
4986	471863.09, 3863377.25	0.00934	0.0092	0.00442	0.00293	3.78E-05	2.74E-04	2.82E-05	9.25E-06	3.50E-04	3.43E-05	0.00E+00	3.76E-07	2.52E-07	3.50E-05	4.37E-05	2.74E-04	2.82E-05	9.25E-06	3.56E-04
4987	472363.09, 3863377.25	0.00954	0.00959	0.00455	0.00302	3.86E-05	2.86E-04	2.90E-05	9.54E-06	3.63E-04	3.51E-05	0.00E+00	3.87E-07	2.60E-07	3.57E-05	4.46E-05	2.86E-04	2.90E-05	9.54E-06	3.69E-04
4988	472863.09, 3863377.25	0.00977	0.00999	0.00468	0.0031	3.95E-05	2.98E-04	2.99E-05	9.79E-06	3.77E-04	3.59E-05	0.00E+00	3.98E-07	2.67E-07	3.66E-05	4.57E-05	2.98E-04	2.99E-05	9.79E-06	3.83E-04
4989	473363.09, 3863377.25	0.00999	0.01042	0.00476	0.00317	4.04E-05	3.11E-04	3.04E-05	1.00E-05	3.92E-04	3.67E-05	0.00E+00	4.05E-07	2.73E-07	3.74E-05	4.67E-05	3.11E-04	3.04E-05	1.00E-05	3.98E-04
4990	473863.09, 3863377.25	0.0102	0.01086	0.00479	0.00324	4.12E-05	3.24E-04	3.06E-05	1.02E-05	4.06E-04	3.75E-05	0.00E+00	4.07E-07	2.79E-07	3.82E-05	4.77E-05	3.24E-04	3.06E-05	1.02E-05	4.12E-04
4991	474363.09, 3863377.25	0.01036	0.01131	0.00477	0.00331	4.19E-05	3.37E-04	3.04E-05	1.05E-05	4.20E-04	3.81E-05	0.00E+00	4.06E-07	2.85E-07	3.88E-05	4.84E-05	3.37E-04	3.04E-05	1.05E-05	4.27E-04
4992	474863.09, 3863377.25	0.01045	0.01196	0.00473	0.00336	4.22E-05	3.57E-04	3.02E-05	1.06E-05	4.40E-04	3.84E-05	0.00E+00	4.02E-07	2.89E-07	3.91E-05	4.89E-05	3.57E-04	3.02E-05	1.06E-05	4.46E-04
4993	475363.09, 3863377.25	0.01058	0.01257	0.00468	0.0034	4.28E-05	3.75E-04	2.99E-05	1.07E-05	4.58E-04	3.89E-05	0.00E+00	3.98E-07	2.93E-07	3.96E-05	4.95E-05	3.75E-04	2.99E-05	1.07E-05	4.65E-04
4994	475863.09, 3863377.25	0.01076	0.01326	0.0047	0.00343	4.35E-05	3.96E-04	3.00E-05	1.08E-05	4.80E-04	3.96E-05	0.00E+00	4.00E-07	2.95E-07	4.03E-05	5.03E-05	3.96E-04	3.00E-05	1.08E-05	4.87E-04
4995	476363.09, 3863377.25	0.01103	0.0141	0.00485	0.00344	4.46E-05	4.21E-04	3.09E-05	1.09E-05	5.07E-04	4.06E-05	0.00E+00	4.12E-07	2.96E-07	4.13E-05	5.16E-05	4.21E-04	3.09E-05	1.09E-05	5.14E-04
4996	476863.09, 3863377.25	0.01147	0.01494	0.00511	0.00347	4.64E-05	4.46E-04	3.26E-05	1.10E-05	5.36E-04	4.22E-05	0.00E+00	4.35E-07	2.99E-07	4.29E-05	5.36E-05	4.46E-04	3.26E-05	1.10E-05	5.43E-04
4997	477363.09, 3863377.25	0.0121	0.01566	0.00539	0.00353	4.89E-05	4.67E-04	3.44E-05	1.11E-05	5.62E-04	4.45E-05	0.00E+00	4.58E-07	3.04E-07	4.52E-05	5.66E-05	4.67E-04	3.44E-05	1.11E-05	5.69E-04
4998	477863.09, 3863377.25	0.01285	0.0158	0.00563	0.00368	5.19E-05	4.71E-04	3.59E-05	1.16E-05	5.71E-04	4.72E-05	0.00E+00	4.79E-07	3.17E-07	4.80E-05	6.01E-05	4.71E-04	3.59E-05	1.16E-05	5.79E-04
4999	478363.09, 3863377.25	0.01344	0.01402	0.00589	0.00395	5.43E-05	4.18E-04	3.76E-05	1.25E-05	5.23E-04	4.94E-05	0.00E+00	5.01E-07	3.40E-07	5.03E-05	6.29E-05	4.18E-04	3.76E-05	1.25E-05	5.31E-04
5000	478863.09, 3863377.25	0.01405	0.01558	0.00597	0.00397	5.68E-05	4.65E-04	3.81E-05	1.25E-05	5.72E-04	5.17E-05	0.00E+00	5.08E-07	3.42E-07	5.25E-05	6.57E-05	4.65E-04	3.81E-05	1.25E-05	5.81E-04
5001	479363.09, 3863377.25	0.01485	0.01881	0.00598	0.00394	6.00E-05	5.61E-04	3.81E-05	1.24E-05	6.72E-04	5.46E-05	0.00E+00	5.09E-07	3.39E-07	5.54E-05	6.94E-05	5.61E-04	3.81E-05	1.24E-05	6.81E-04
5002	479863.09, 3863377.25	0.01551	0.0214	0.00611	0.00402	6.27E-05	6.38E-04	3.90E-05	1.27E-05	7.53E-04	5.70E-05	0.00E+00	5.20E-07	3.46E-07	5.79E-05	7.25E-05	6.38E-04	3.90E-05	1.27E-05	7.63E-04
5003	480363.09, 3863377.25	0.01643	0.02269	0.00611	0.00412	6.64E-05	6.77E-04	3.90E-05	1.30E-05	7.95E-04	6.04E-05	0.00E+00	5.20E-07	3.55E-07	6.13E-05	7.68E-05	6.77E-04	3.90E-05	1.30E-05	8.06E-04
5004	480863.09, 3863377.25	0.01748	0.02376	0.00625	0.00411	7.07E-05	7.09E-04	3.99E-05	1.30E-05	8.32E-04	6.43E-05	0.00E+00	5.32E-07	3.54E-07	6.52E-05	8.17E-05	7.09E-04	3.99E-05	1.30E-05	8.43E-04
5005	481363.09, 3863377.25	0.01801	0.02484	0.0061	0.00412	7.28E-05	7.41E-04	3.89E-05	1.30E-05	8.66E-04	6.62E-05	0.00E+00	5.19E-07	3.55E-07	6.71E-05	8.42E-05	7.41E-04	3.89E-05	1.30E-05	8.77E-04
5006	481863.09, 3863377.25	0.01823	0.02597	0.00573	0.00412	7.37E-05	7.75E-04	3.65E-05	1.30E-05	8.98E-04	6.70E-05	0.00E+00	4.87E-07	3.55E-07	6.79E-05	8.53E-05	7.75E-04	3.65E-05	1.30E-05	9.10E-04
5007	482363.09, 3863377.25	0.01865	0.02729	0.00527	0.00419	7.54E-05	8.14E-04	3.36E-05	1.32E-05	9.36E-04	6.86E-05	0.00E+00	4.48E-07	3.61E-07	6.94E-05	8.72E-05	8.14E-04	3.36E-05	1.32E-05	9.48E-04
5008	482863.09, 3863377.25	0.01924	0.02856	0.00497	0.00431	7.78E-05	8.52E-04	3.17E-05	1.36E-05	9.75E-04	7.07E-05	0.00E+00	4.23E-07	3.71E-07	7.15E-05	9.00E-05	8.52E-04	3.17E-05	1.36E-05	9.87E-04
5009	483363.09, 3863377.25	0.01936	0.02975	0.00471	0.00446	7.83E-05	8.88E-04	3.00E-05	1.41E-05	1.01E-03	7.12E-05	0.00E+00	4.01E-07	3.84E-07	7.20E-05	9.05E-05	8.88E-04	3.00E-05	1.41E-05	1.02E-03
5010	483863.09, 3863377.25	0.01912	0.03091	0.00431	0.00452	7.73E-05	9.22E-04	2.75E-05	1.43E-05	1.04E-03	7.03E-05	0.00E+00	3.67E-07	3.89E-07	7.11E-05	8.94E-05	9.22E-04	2.75E-05	1.43E-05	1.05E-03
5011	484363.09, 3863377.25	0.01896	0.03225	0.00442	0.00439	7.66E-05	9.62E-04	2.82E-05	1.39E-05	1.08E-03	6.97E-05	0.00E+00	3.76E-07	3.78E-07	7.05E-05	8.87E-05	9.62E-04	2.82E-05	1.39E-05	1.09E-03

5012	484863.09, 3863377.25	0.01906	0.03404	0.00549	0.00418	7.70E-05	1.02E-03	3.50E-05	1.32E-05	1.14E-03	7.01E-05	0.00E+00	4.67E-07	3.60E-07	7.09E-05	8.91E-05	1.02E-03	3.50E-05	1.32E-05	1.15E-03
5013	485363.09, 3863377.25	0.01824	0.03604	0.0051	0.00389	7.37E-05	1.08E-03	3.25E-05	1.23E-05	1.19E-03	6.71E-05	0.00E+00	4.34E-07	3.35E-07	6.78E-05	8.53E-05	1.08E-03	3.25E-05	1.23E-05	1.21E-03
5014	485863.09, 3863377.25	0.01729	0.03824	0.00379	0.00378	6.99E-05	1.14E-03	2.42E-05	1.19E-05	1.25E-03	6.36E-05	0.00E+00	3.22E-07	3.25E-07	6.42E-05	8.09E-05	1.14E-03	2.42E-05	1.19E-05	1.26E-03
5015	486363.09, 3863377.25	0.01688	0.0393	0.00379	0.00382	6.82E-05	1.17E-03	2.42E-05	1.21E-05	1.28E-03	6.21E-05	0.00E+00	3.22E-07	3.29E-07	6.27E-05	7.89E-05	1.17E-03	2.42E-05	1.21E-05	1.29E-03
5016	486863.09, 3863377.25	0.01674	0.03895	0.00391	0.00371	6.77E-05	1.16E-03	2.49E-05	1.17E-05	1.27E-03	6.15E-05	0.00E+00	3.33E-07	3.19E-07	6.22E-05	7.83E-05	1.16E-03	2.49E-05	1.17E-05	1.28E-03
5017	487363.09, 3863377.25	0.01715	0.03916	0.00493	0.00371	6.93E-05	1.17E-03	3.14E-05	1.17E-05	1.28E-03	6.31E-05	0.00E+00	4.19E-07	3.19E-07	6.38E-05	8.02E-05	1.17E-03	3.14E-05	1.17E-05	1.29E-03
5018	487863.09, 3863377.25	0.01776	0.03929	0.00568	0.00394	7.18E-05	1.17E-03	3.62E-05	1.24E-05	1.29E-03	6.53E-05	0.00E+00	4.83E-07	3.39E-07	6.61E-05	8.31E-05	1.17E-03	3.62E-05	1.24E-05	1.30E-03
5019	488363.09, 3863377.25	0.01785	0.03836	0.00524	0.00414	7.22E-05	1.14E-03	3.34E-05	1.31E-05	1.26E-03	6.56E-05	0.00E+00	4.46E-07	3.56E-07	6.64E-05	8.35E-05	1.14E-03	3.34E-05	1.31E-05	1.27E-03
5020	488863.09, 3863377.25	0.01726	0.03807	0.00383	0.00388	6.98E-05	1.14E-03	2.44E-05	1.23E-05	1.24E-03	6.35E-05	0.00E+00	3.26E-07	3.34E-07	6.41E-05	8.07E-05	1.14E-03	2.44E-05	1.23E-05	1.25E-03
5021	489363.09, 3863377.25	0.017	0.03889	0.00355	0.00382	6.87E-05	1.16E-03	2.26E-05	1.21E-05	1.26E-03	6.25E-05	0.00E+00	3.02E-07	3.29E-07	6.31E-05	7.95E-05	1.16E-03	2.26E-05	1.21E-05	1.27E-03
5022	489863.09, 3863377.25	0.01761	0.03949	0.00316	0.00389	7.12E-05	1.18E-03	2.02E-05	1.23E-05	1.28E-03	6.47E-05	0.00E+00	2.69E-07	3.35E-07	6.53E-05	8.24E-05	1.18E-03	2.02E-05	1.23E-05	1.29E-03
5023	490363.09, 3863377.25	0.01823	0.0399	0.00313	0.00418	7.37E-05	1.19E-03	2.00E-05	1.32E-05	1.30E-03	6.70E-05	0.00E+00	2.66E-07	3.60E-07	6.76E-05	8.53E-05	1.19E-03	2.00E-05	1.32E-05	1.31E-03
5024	490863.09, 3863377.25	0.01826	0.04102	0.00379	0.00434	7.38E-05	1.22E-03	2.42E-05	1.37E-05	1.34E-03	6.71E-05	0.00E+00	3.22E-07	3.74E-07	6.78E-05	8.54E-05	1.22E-03	2.42E-05	1.37E-05	1.35E-03
5025	491363.09, 3863377.25	0.01843	0.04176	0.00485	0.00428	7.45E-05	1.25E-03	3.09E-05	1.35E-05	1.36E-03	6.78E-05	0.00E+00	4.12E-07	3.69E-07	6.85E-05	8.62E-05	1.25E-03	3.09E-05	1.35E-05	1.38E-03
5026	491863.09, 3863377.25	0.01879	0.04183	0.00559	0.00424	7.60E-05	1.25E-03	3.57E-05	1.34E-05	1.37E-03	6.91E-05	0.00E+00	4.75E-07	3.65E-07	6.99E-05	8.79E-05	1.25E-03	3.57E-05	1.34E-05	1.38E-03
5027	492363.09, 3863377.25	0.01878	0.04105	0.00584	0.00427	7.59E-05	1.22E-03	3.73E-05	1.35E-05	1.35E-03	6.90E-05	0.00E+00	4.97E-07	3.68E-07	6.99E-05	8.78E-05	1.22E-03	3.73E-05	1.35E-05	1.36E-03
5028	492863.09, 3863377.25	0.0195	0.04007	0.00593	0.0043	7.88E-05	1.20E-03	3.78E-05	1.36E-05	1.33E-03	7.17E-05	0.00E+00	5.04E-07	3.70E-07	7.26E-05	9.12E-05	1.20E-03	3.78E-05	1.36E-05	1.34E-03
5029	493363.09, 3863377.25	0.02081	0.03941	0.00624	0.00416	8.41E-05	1.18E-03	3.98E-05	1.31E-05	1.31E-03	7.65E-05	0.00E+00	5.31E-07	3.58E-07	7.74E-05	9.73E-05	1.18E-03	3.98E-05	1.31E-05	1.33E-03
5030	493863.09, 3863377.25	0.02098	0.03986	0.00662	0.00416	8.48E-05	1.19E-03	4.22E-05	1.31E-05	1.33E-03	7.71E-05	0.00E+00	5.63E-07	3.58E-07	7.81E-05	9.81E-05	1.19E-03	4.22E-05	1.31E-05	1.34E-03
5031	494363.09, 3863377.25	0.01988	0.04068	0.00631	0.00426	8.04E-05	1.21E-03	4.02E-05	1.35E-05	1.35E-03	7.31E-05	0.00E+00	5.37E-07	3.67E-07	7.40E-05	9.30E-05	1.21E-03	4.02E-05	1.35E-05	1.36E-03
5032	494863.09, 3863377.25	0.01883	0.04108	0.00584	0.00435	7.61E-05	1.23E-03	3.73E-05	1.37E-05	1.35E-03	6.92E-05	0.00E+00	4.97E-07	3.75E-07	7.01E-05	8.81E-05	1.23E-03	3.73E-05	1.37E-05	1.36E-03
5033	495363.09, 3863377.25	0.01834	0.04108	0.00561	0.00439	7.41E-05	1.23E-03	3.58E-05	1.39E-05	1.35E-03	6.74E-05	0.00E+00	4.77E-07	3.78E-07	6.83E-05	8.58E-05	1.23E-03	3.58E-05	1.39E-05	1.36E-03
5034	495863.09, 3863377.25	0.01831	0.04091	0.00579	0.0044	7.40E-05	1.22E-03	3.69E-05	1.39E-05	1.35E-03	6.73E-05	0.00E+00	4.92E-07	3.79E-07	6.82E-05	8.56E-05	1.22E-03	3.69E-05	1.39E-05	1.36E-03
5035	496363.09, 3863377.25	0.01775	0.04024	0.0057	0.00422	7.17E-05	1.20E-03	3.64E-05	1.33E-05	1.32E-03	6.53E-05	0.00E+00	4.85E-07	3.63E-07	6.61E-05	8.30E-05	1.20E-03	3.64E-05	1.33E-05	1.33E-03
5036	496863.09, 3863377.25	0.01745	0.03874	0.00594	0.00413	7.05E-05	1.16E-03	3.79E-05	1.30E-05	1.28E-03	6.42E-05	0.00E+00	5.05E-07	3.56E-07	6.50E-05	8.16E-05	1.16E-03	3.79E-05	1.30E-05	1.29E-03
5037	497363.09, 3863377.25	0.01762	0.03772	0.00604	0.00412	7.12E-05	1.13E-03	3.85E-05	1.30E-05	1.25E-03	6.48E-05	0.00E+00	5.14E-07	3.55E-07	6.56E-05	8.24E-05	1.13E-03	3.85E-05	1.30E-05	1.26E-03
5038	497863.09, 3863377.25	0.01812	0.03671	0.00585	0.00412	7.32E-05	1.10E-03	3.73E-05	1.30E-05	1.22E-03	6.66E-05	0.00E+00	4.98E-07	3.55E-07	6.75E-05	8.47E-05	1.10E-03	3.73E-05	1.30E-05	1.23E-03
5039	498363.09, 3863377.25	0.01874	0.03565	0.00552	0.00413	7.58E-05	1.06E-03	3.52E-05	1.30E-05	1.19E-03	6.89E-05	0.00E+00	4.69E-07	3.56E-07	6.97E-05	8.76E-05	1.06E-03	3.52E-05	1.30E-05	1.20E-03
5040	471363.09, 3863877.25	0.0086	0.00869	0.00433	0.00286	3.48E-05	2.59E-04	2.76E-05	9.03E-06	3.31E-04	3.16E-05	0.00E+00	3.68E-07	2.46E-07	3.22E-05	4.02E-05	2.59E-04	2.76E-05	9.03E-06	3.36E-04
5041	471863.09, 3863877.25	0.00878	0.00892	0.00441	0.00294	3.55E-05	2.66E-04	2.81E-05	9.28E-06	3.39E-04	3.23E-05	0.00E+00	3.75E-07	2.53E-07	3.29E-05	4.11E-05	2.66E-04	2.81E-05	9.28E-06	3.45E-04
5042	472363.09, 3863877.25	0.00895	0.00928	0.00446	0.003	3.62E-05	2.77E-04	2.84E-05	9.47E-06	3.51E-04	3.29E-05	0.00E+00	3.79E-07	2.58E-07	3.35E-05	4.19E-05	2.77E-04	2.84E-05	9.47E-06	3.57E-04
5043	472863.09, 3863877.25	0.00909	0.00966	0.00446	0.00306	3.67E-05	2.88E-04	2.84E-05	9.66E-06	3.63E-04	3.34E-05	0.00E+00	3.79E-07	2.63E-07	3.41E-05	4.25E-05	2.88E-04	2.84E-05	9.66E-06	3.69E-04
5044	473363.09, 3863877.25	0.00918	0.01013	0.00443	0.00311	3.71E-05	3.02E-04	2.83E-05	9.82E-06	3.77E-04	3.38E-05	0.00E+00	3.77E-07	2.68E-07	3.44E-05	4.29E-05	3.02E-04	2.83E-05	9.82E-06	3.83E-04
5045	473863.09, 3863877.25	0.00927	0.01056	0.00436	0.00316	3.75E-05	3.15E-04	2.78E-05	9.98E-06	3.90E-04	3.41E-05	0.00E+00	3.71E-07	2.72E-07	3.47E-05	4.34E-05	3.15E-04	2.78E-05	9.98E-06	3.96E-04
5046	474363.09, 3863877.25	0.00935	0.01109	0.00434	0.0032	3.78E-05	3.31E-04	2.77E-05	1.01E-05	4.06E-04	3.44E-05	0.00E+00	3.69E-07	2.76E-07	3.50E-05	4.37E-05	3.31E-04	2.77E-05	1.01E-05	4.12E-04
5047	474863.09, 3863877.25	0.00946	0.01175	0.00445	0.00322	3.82E-05	3.51E-04	2.84E-05	1.02E-05	4.27E-04	3.48E-05	0.00E+00	3.78E-07	2.77E-07	3.54E-05	4.42E-05	3.51E-04	2.84E-05	1.02E-05	4.33E-04
5048	475363.09, 3863877.25	0.00969	0.01237	0.00454	0.00323	3.92E-05	3.69E-04	2.90E-05	1.02E-05	4.47E-04	3.56E-05	0.00E+00	3.86E-07	2.78E-07	3.63E-05	4.53E-05	3.69E-04	2.90E-05	1.02E-05	4.54E-04
5049	475863.09, 3863877.25	0.00997	0.01316	0.00482	0.00324	4.03E-05	3.93E-04	3.07E-05	1.02E-05	4.74E-04	3.67E-05	0.00E+00	4.10E-07	2.79E-07	3.73E-05	4.66E-05	3.93E-04	3.07E-05	1.02E-05	4.80E-04
5050	476363.09, 3863877.25	0.01037	0.01386	0.00507	0.00326	4.19E-05	4.13E-04	3.23E-05	1.03E-05	4.98E-04	3.81E-05	0.00E+00	4.31E-07	2.81E-07	3.88E-05	4.85E-05	4.13E-04	3.23E-05	1.03E-05	5.05E-04
5051	476863.09, 3863877.25	0.01086	0.01461	0.00531	0.00331	4.39E-05	4.36E-04	3.39E-05	1.05E-05	5.24E-04	3.99E-05	0.00E+00	4.52E-07	2.85E-07	4.07E-05	5.08E-05	4.36E-04	3.39E-05	1.05E-05	5.31E-04
5052	477363.09, 3863877.25	0.01147	0.01529	0.0054	0.00339	4.64E-05	4.56E-04	3.44E-05	1.07E-05	5.48E-04	4.22E-05	0.00E+00	4.59E-07	2.92E-07	4.29E-05	5.36E-05	4.56E-04	3.44E-05	1.07E-05	5.55E-04
5053	477863.09, 3863877.25	0.01212	0.01566	0.0054	0.00347	4.90E-05	4.67E-04	3.44E-05	1.10E-05	5.62E-04	4.46E-05	0.00E+00	4.59E-07	2.99E-07	4.53E-05	5.67E-05	4.67E-04	3.44E-05	1.10E-05	5.69E-04
5054	478363.09, 3863877.25	0.01265	0.01497	0.00556	0.00363	5.11E-05	4.47E-04	3.55E-05	1.15E-05	5.45E-04	4.65E-05	0.00E+00	4.73E-07	3.13E-07	4.73E-05	5.92E-05	4.47E-04	3.55E-05	1.15E-05	5.53E-04
5055	478863.09, 3863877.25	0.01319	0.01734	0.00556	0.00359	5.33E-05	5.17E-04	3.55E-05	1.13E-05	6.17E-04	4.85E-05	0.00E+00	4.73E-07	3.09E-07	4.93E-05	6.17E-05	5.17E-04	3.55E-05	1.13E-05	6.26E-04
5056	479363.09, 3863877.25	0.01378	0.01875	0.00568	0.00372	5.57E-05	5.59E-04	3.62E-05	1.17E-05	6.63E-04	5.07E-05	0.00E+00	4.83E-07	3.20E-07	5.15E-05	6.44E-05	5.59E-04	3.62E-05	1.17E-05	6.72E-04
5057	479863.09, 3863877.25	0.01454	0.01974	0.00573	0.00386	5.88E-05	5.89E-04	3.65E-05	1.22E-05	6.96E-04	5.35E-05	0.00E+00	4.87E-07	3.32E-07	5.43E-05	6.80E-05	5.89E-04	3.65E-05	1.22E-05	7.06E-04
5058	480363.09, 3863877.25	0.01537	0.02063	0.00572	0.0039	6.21E-05	6.15E-04	3.65E-05	1.23E-05	7.26E-04	5.65E-05	0.00E+00	4.86E-07	3.36E-07	5.73E-05	7.19E-05	6.15E-04	3.65E-05	1.23E-05	7.36E-04
5059	480863.09, 3863877.25	0.01608	0.02143	0.00561	0.00386	6.50E-05	6.39E-04	3.58E-05	1.22E-05	7.52E-04	5.91E-05	0.00E+00	4.77E-07	3.32E-07	5.99E-05	7.52E-05	6.39E-04	3.58E-05	1.22E-05	7.62E-04
5060	481363.09, 3863877.25	0.0163	0.02225	0.0052	0.00383	6.59E-05	6.64E-04	3.32E-05	1.21E-05	7.75E-04	5.99E-05	0.00E+00	4.42E-07	3.30E-07	6.07E-05	7.62E-05	6.64E-04	3.32E-05	1.21E-05	7.85E-04
5061	481863.09, 3863877.25	0.0164	0.02318	0.00477	0.00382	6.63E-05	6.92E-04	3.04E-05	1.21E-05	8.00E-04	6.03E-05	0.00E+00	4.06E-07	3.29E-07	6.10E-05	7.67E-05	6.92E-04	3.04E-05	1.21E-05	8.11E-04
5062	482363.09, 3863877.25	0.01691	0.02414	0.00455	0.00389	6.84E-05	7.20E-04	2.90E-05	1.23E-05	8.30E-04	6.22E-05	0.00E+00	3.87E-07	3.35E-07	6.29E-05	7.91E-05	7.20E-04	2.90E-05	1.23E-05	8.41E-04
5063	482863.09, 3863877.25	0.01726	0.02512	0.00432	0.00397	6.98E-05	7.49E-04	2.76E-05	1.25E-05	8.59E-04	6.35E-05	0.00E+00	3.67E-07	3.42E-07	6.42E-05	8.07E-05	7.49E-04	2.76E-05	1.25E-05	8.70E-04
5064	483363.09, 3863877.25	0.01714	0.02617	0.004	0.00404	6.93E-05	7.81E-04	2.55E-05	1.28E-05	8.88E-04	6.30E-05	0.00E+00	3.40E-07	3.48E-07	6.37E-05	8.02E-05	7.81E-04	2.55E-05	1.28E-05	8.99E-04
5065	483863.09, 3863877.25	0.01696	0.02728	0.00396	0.00404	6.86E-05	8.14E-04	2.53E-05	1.28E-05	9.20E-04	6.24E-05	0.00E+00	3.37E-07	3.48E-07	6.30E-05	7.93E-05	8.14E-04	2.53E-05	1.28E-05	9.31E-04
5066	484363.09, 3863877.25	0.01698	0.02836	0.00482	0.00392	6.86E-05	8.46E-04	3.07E-05	1.24E-05	9.58E-04	6.24E-05	0.00E+00	4.10E-07	3.38E-07	6.32E-05	7.94E-05	8.46E-04	3.07E-05	1.24E-05	9.69E-04
5067	484863.09, 3863877.25	0.01706	0.02957	0.00539	0.00368	6.90E-05	8.82E-04	3.44E-05	1.16E-05	9.97E-04	6.27E-05	0.00E+00	4.58E-07	3.17E-07	6.35E-05	7.98E-05	8.82E-04	3.44E-05	1.16E-05	1.01E-03
5068	485363.09, 3863877.25	0.01628	0.03116	0.00417	0.00348	6.58E-05	9.30E-04	2.66E-05	1.10E-05	1.03E-03	5.99E-05	0.00E+00	3.55E-07	3.00E-07	6.05E-05	7.61E-05	9.30E-04	2.66E-05	1.10E-05	1.04E-03
5069	485863.09, 3863877.25	0.01554	0.03288	0.00349	0.0035	6.28E-05	9.81E-04	2.23E-05	1.11E-05	1.08E-03	5.71E-05	0.00E+00	2.97E-07	3.01E-07	5.77E-05	7.27E-05	9.81E-04	2.23E-05	1.11E-05	1.09E-03
5070	486363.09, 3863877.25	0.01506	0.03275	0.00358	0.00345	6.09E-05	9.77E-04	2.28E-05	1.09E-05	1.07E-03	5.54E-05	0.00E+00	3.04E-07	2.97E-07	5.60E-05	7.04E-05	9.77E-04	2.28E-05	1.09E-05	1.08E-03

5071	486863.09, 3863877.25	0.01485	0.03257	0.00376	0.00334	6.00E-05	9.72E-04	2.40E-05	1.05E-05	1.07E-03	5.46E-05	0.00E+00	3.20E-07	2.88E-07	5.52E-05	6.94E-05	9.72E-04	2.40E-05	1.05E-05	1.08E-03
5072	487363.09, 3863877.25	0.01522	0.03225	0.00476	0.00335	6.15E-05	9.62E-04	3.04E-05	1.06E-05	1.06E-03	5.60E-05	0.00E+00	4.05E-07	2.88E-07	5.66E-05	7.12E-05	9.62E-04	3.04E-05	1.06E-05	1.07E-03
5073	487863.09, 3863877.25	0.01586	0.03229	0.00535	0.00354	6.41E-05	9.63E-04	3.41E-05	1.12E-05	1.07E-03	5.83E-05	0.00E+00	4.55E-07	3.05E-07	5.91E-05	7.42E-05	9.63E-04	3.41E-05	1.12E-05	1.08E-03
5074	488363.09, 3863877.25	0.01612	0.03183	0.00496	0.00369	6.52E-05	9.50E-04	3.16E-05	1.17E-05	1.06E-03	5.93E-05	0.00E+00	4.22E-07	3.18E-07	6.00E-05	7.54E-05	9.50E-04	3.16E-05	1.17E-05	1.07E-03
5075	488863.09, 3863877.25	0.01571	0.03146	0.00365	0.00345	6.35E-05	9.39E-04	2.33E-05	1.09E-05	1.04E-03	5.78E-05	0.00E+00	3.10E-07	2.97E-07	5.84E-05	7.35E-05	9.39E-04	2.33E-05	1.09E-05	1.05E-03
5076	489363.09, 3863877.25	0.01518	0.03198	0.00336	0.00339	6.14E-05	9.54E-04	2.14E-05	1.07E-05	1.05E-03	5.58E-05	0.00E+00	2.86E-07	2.92E-07	5.64E-05	7.10E-05	9.54E-04	2.14E-05	1.07E-05	1.06E-03
5077	489863.09, 3863877.25	0.01541	0.0326	0.0031	0.0034	6.23E-05	9.73E-04	1.98E-05	1.07E-05	1.07E-03	5.67E-05	0.00E+00	2.64E-07	2.93E-07	5.72E-05	7.21E-05	9.73E-04	1.98E-05	1.07E-05	1.08E-03
5078	490363.09, 3863877.25	0.01613	0.03275	0.0028	0.00361	6.52E-05	9.77E-04	1.79E-05	1.14E-05	1.07E-03	5.93E-05	0.00E+00	2.38E-07	3.11E-07	5.99E-05	7.54E-05	9.77E-04	1.79E-05	1.14E-05	1.08E-03
5079	490863.09, 3863877.25	0.01642	0.03331	0.00312	0.00385	6.64E-05	9.94E-04	1.99E-05	1.22E-05	1.09E-03	6.04E-05	0.00E+00	2.65E-07	3.32E-07	6.10E-05	7.68E-05	9.94E-04	1.99E-05	1.22E-05	1.10E-03
5080	491363.09, 3863877.25	0.01629	0.03403	0.0039	0.00389	6.58E-05	1.02E-03	2.49E-05	1.23E-05	1.12E-03	5.99E-05	0.00E+00	3.32E-07	3.35E-07	6.06E-05	7.62E-05	1.02E-03	2.49E-05	1.23E-05	1.13E-03
5081	491863.09, 3863877.25	0.01711	0.03514	0.00502	0.00398	6.92E-05	1.05E-03	3.20E-05	1.26E-05	1.16E-03	6.29E-05	0.00E+00	4.27E-07	3.43E-07	6.37E-05	8.00E-05	1.05E-03	3.20E-05	1.26E-05	1.17E-03
5082	492363.09, 3863877.25	0.01779	0.03503	0.00582	0.00395	7.19E-05	1.05E-03	3.71E-05	1.25E-05	1.17E-03	6.54E-05	0.00E+00	4.95E-07	3.40E-07	6.62E-05	8.32E-05	1.05E-03	3.71E-05	1.25E-05	1.18E-03
5083	492863.09, 3863877.25	0.01761	0.03224	0.00579	0.00398	7.12E-05	9.62E-04	3.69E-05	1.26E-05	1.08E-03	6.47E-05	0.00E+00	4.92E-07	3.43E-07	6.56E-05	8.24E-05	9.62E-04	3.69E-05	1.26E-05	1.09E-03
5084	493363.09, 3863877.25	0.01794	0.03114	0.00554	0.00383	7.25E-05	9.29E-04	3.53E-05	1.21E-05	1.05E-03	6.60E-05	0.00E+00	4.71E-07	3.30E-07	6.68E-05	8.39E-05	9.29E-04	3.53E-05	1.21E-05	1.06E-03
5085	493863.09, 3863877.25	0.01884	0.03124	0.00552	0.00368	7.62E-05	9.32E-04	3.52E-05	1.16E-05	1.05E-03	6.93E-05	0.00E+00	4.69E-07	3.17E-07	7.01E-05	8.81E-05	9.32E-04	3.52E-05	1.16E-05	1.07E-03
5086	494363.09, 3863877.25	0.019	0.03208	0.00612	0.00366	7.68E-05	9.57E-04	3.90E-05	1.16E-05	1.08E-03	6.99E-05	0.00E+00	5.20E-07	3.15E-07	7.07E-05	8.89E-05	9.57E-04	3.90E-05	1.16E-05	1.10E-03
5087	494863.09, 3863877.25	0.01827	0.03294	0.00629	0.00373	7.39E-05	9.83E-04	4.01E-05	1.18E-05	1.11E-03	6.72E-05	0.00E+00	5.35E-07	3.21E-07	6.80E-05	8.54E-05	9.83E-04	4.01E-05	1.18E-05	1.12E-03
5088	495363.09, 3863877.25	0.01725	0.03364	0.00581	0.00381	6.97E-05	1.00E-03	3.71E-05	1.20E-05	1.12E-03	6.34E-05	0.00E+00	4.94E-07	3.28E-07	6.42E-05	8.07E-05	1.00E-03	3.71E-05	1.20E-05	1.13E-03
5089	495863.09, 3863877.25	0.01659	0.03392	0.00534	0.00385	6.71E-05	1.01E-03	3.41E-05	1.22E-05	1.13E-03	6.10E-05	0.00E+00	4.54E-07	3.32E-07	6.18E-05	7.76E-05	1.01E-03	3.41E-05	1.22E-05	1.14E-03
5090	496363.09, 3863877.25	0.01621	0.03444	0.00502	0.00393	6.55E-05	1.03E-03	3.20E-05	1.24E-05	1.14E-03	5.96E-05	0.00E+00	4.27E-07	3.38E-07	6.04E-05	7.58E-05	1.03E-03	3.20E-05	1.24E-05	1.15E-03
5091	496863.09, 3863877.25	0.01604	0.03424	0.00512	0.0038	6.48E-05	1.02E-03	3.27E-05	1.20E-05	1.13E-03	5.90E-05	0.00E+00	4.35E-07	3.27E-07	5.97E-05	7.50E-05	1.02E-03	3.27E-05	1.20E-05	1.14E-03
5092	497363.09, 3863877.25	0.0159	0.03366	0.0054	0.00372	6.43E-05	1.00E-03	3.44E-05	1.17E-05	1.11E-03	5.85E-05	0.00E+00	4.59E-07	3.20E-07	5.92E-05	7.44E-05	1.00E-03	3.44E-05	1.17E-05	1.12E-03
5093	497863.09, 3863877.25	0.01587	0.03292	0.00563	0.00368	6.41E-05	9.82E-04	3.59E-05	1.16E-05	1.09E-03	5.83E-05	0.00E+00	4.79E-07	3.17E-07	5.91E-05	7.42E-05	9.82E-04	3.59E-05	1.16E-05	1.10E-03
5094	498363.09, 3863877.25	0.016	0.03196	0.00558	0.00364	6.47E-05	9.53E-04	3.56E-05	1.15E-05	1.07E-03	5.88E-05	0.00E+00	4.75E-07	3.13E-07	5.96E-05	7.48E-05	9.53E-04	3.56E-05	1.15E-05	1.08E-03
5095	471363.09, 3864377.25	0.00807	0.00839	0.00418	0.00284	3.26E-05	2.50E-04	2.67E-05	8.97E-06	3.19E-04	2.97E-05	0.00E+00	3.55E-07	2.45E-07	3.03E-05	3.77E-05	2.50E-04	2.67E-05	8.97E-06	3.24E-04
5096	471863.09, 3864377.25	0.00817	0.00867	0.00415	0.00289	3.30E-05	2.59E-04	2.65E-05	9.12E-06	3.27E-04	3.00E-05	0.00E+00	3.53E-07	2.49E-07	3.06E-05	3.82E-05	2.59E-04	2.65E-05	9.12E-06	3.32E-04
5097	472363.09, 3864377.25	0.00825	0.00902	0.00408	0.00293	3.33E-05	2.69E-04	2.60E-05	9.25E-06	3.38E-04	3.03E-05	0.00E+00	3.47E-07	2.52E-07	3.09E-05	3.86E-05	2.69E-04	2.60E-05	9.25E-06	3.43E-04
5098	472863.09, 3864377.25	0.0083	0.0094	0.00403	0.00296	3.36E-05	2.80E-04	2.57E-05	9.35E-06	3.49E-04	3.05E-05	0.00E+00	3.43E-07	2.55E-07	3.11E-05	3.88E-05	2.80E-04	2.57E-05	9.35E-06	3.54E-04
5099	473363.09, 3864377.25	0.00833	0.00989	0.00406	0.003	3.37E-05	2.95E-04	2.59E-05	9.47E-06	3.64E-04	3.06E-05	0.00E+00	3.45E-07	2.58E-07	3.12E-05	3.90E-05	2.95E-04	2.59E-05	9.47E-06	3.69E-04
5100	473863.09, 3864377.25	0.00843	0.01039	0.00415	0.00303	3.41E-05	3.10E-04	2.65E-05	9.57E-06	3.80E-04	3.10E-05	0.00E+00	3.53E-07	2.61E-07	3.16E-05	3.94E-05	3.10E-04	2.65E-05	9.57E-06	3.85E-04
5101	474363.09, 3864377.25	0.00861	0.01092	0.00428	0.00305	3.48E-05	3.26E-04	2.73E-05	9.63E-06	3.98E-04	3.17E-05	0.00E+00	3.64E-07	2.63E-07	3.23E-05	4.03E-05	3.26E-04	2.73E-05	9.63E-06	4.03E-04
5102	474863.09, 3864377.25	0.00881	0.01155	0.0045	0.00306	3.56E-05	3.45E-04	2.87E-05	9.66E-06	4.19E-04	3.24E-05	0.00E+00	3.83E-07	2.63E-07	3.30E-05	4.12E-05	3.45E-04	2.87E-05	9.66E-06	4.24E-04
5103	475363.09, 3864377.25	0.0091	0.01215	0.00477	0.00307	3.68E-05	3.62E-04	3.04E-05	9.69E-06	4.39E-04	3.35E-05	0.00E+00	4.06E-07	2.64E-07	3.41E-05	4.26E-05	3.62E-04	3.04E-05	9.69E-06	4.45E-04
5104	475863.09, 3864377.25	0.00944	0.01275	0.00495	0.00309	3.82E-05	3.80E-04	3.16E-05	9.76E-06	4.60E-04	3.47E-05	0.00E+00	4.21E-07	2.66E-07	3.54E-05	4.41E-05	3.80E-04	3.16E-05	9.76E-06	4.66E-04
5105	476363.09, 3864377.25	0.00985	0.01327	0.00509	0.00312	3.98E-05	3.96E-04	3.25E-05	9.85E-06	4.78E-04	3.62E-05	0.00E+00	4.33E-07	2.69E-07	3.69E-05	4.61E-05	3.96E-04	3.25E-05	9.85E-06	4.84E-04
5106	476863.09, 3864377.25	0.01034	0.01379	0.00514	0.00317	4.18E-05	4.11E-04	3.28E-05	1.00E-05	4.96E-04	3.80E-05	0.00E+00	4.37E-07	2.73E-07	3.87E-05	4.84E-05	4.11E-04	3.28E-05	1.00E-05	5.03E-04
5107	477363.09, 3864377.25	0.01082	0.01448	0.00515	0.00323	4.37E-05	4.32E-04	3.28E-05	1.02E-05	5.19E-04	3.98E-05	0.00E+00	4.38E-07	2.78E-07	4.05E-05	5.06E-05	4.32E-04	3.28E-05	1.02E-05	5.26E-04
5108	477863.09, 3864377.25	0.01126	0.01519	0.00515	0.00329	4.55E-05	4.53E-04	3.28E-05	1.04E-05	5.42E-04	4.14E-05	0.00E+00	4.38E-07	2.83E-07	4.21E-05	5.27E-05	4.53E-04	3.28E-05	1.04E-05	5.49E-04
5109	478363.09, 3864377.25	0.01168	0.01596	0.0052	0.00337	4.72E-05	4.76E-04	3.32E-05	1.06E-05	5.67E-04	4.29E-05	0.00E+00	4.42E-07	2.90E-07	4.37E-05	5.46E-05	4.76E-04	3.32E-05	1.06E-05	5.75E-04
5110	478863.09, 3864377.25	0.01223	0.01671	0.00527	0.0035	4.94E-05	4.99E-04	3.36E-05	1.11E-05	5.93E-04	4.50E-05	0.00E+00	4.48E-07	3.01E-07	4.57E-05	5.72E-05	4.99E-04	3.36E-05	1.11E-05	6.00E-04
5111	479363.09, 3864377.25	0.01288	0.01744	0.0053	0.00363	5.21E-05	5.20E-04	3.38E-05	1.15E-05	6.18E-04	4.74E-05	0.00E+00	4.51E-07	3.13E-07	4.81E-05	6.02E-05	5.20E-04	3.38E-05	1.15E-05	6.26E-04
5112	479863.09, 3864377.25	0.01366	0.01806	0.00533	0.00369	5.52E-05	5.39E-04	3.40E-05	1.17E-05	6.40E-04	5.02E-05	0.00E+00	4.53E-07	3.18E-07	5.10E-05	6.39E-05	5.39E-04	3.40E-05	1.17E-05	6.48E-04
5113	480363.09, 3864377.25	0.01437	0.01864	0.00517	0.00366	5.81E-05	5.56E-04	3.30E-05	1.16E-05	6.59E-04	5.28E-05	0.00E+00	4.40E-07	3.15E-07	5.36E-05	6.72E-05	5.56E-04	3.30E-05	1.16E-05	6.68E-04
5114	480863.09, 3864377.25	0.01465	0.01923	0.00473	0.00356	5.92E-05	5.74E-04	3.02E-05	1.12E-05	6.74E-04	5.39E-05	0.00E+00	4.02E-07	3.07E-07	5.46E-05	6.85E-05	5.74E-04	3.02E-05	1.12E-05	6.84E-04
5115	481363.09, 3864377.25	0.01469	0.01986	0.00436	0.0035	5.94E-05	5.92E-04	2.78E-05	1.11E-05	6.91E-04	5.40E-05	0.00E+00	3.71E-07	3.01E-07	5.47E-05	6.87E-05	5.92E-04	2.78E-05	1.11E-05	7.00E-04
5116	481863.09, 3864377.25	0.01491	0.02067	0.00415	0.00351	6.03E-05	6.17E-04	2.65E-05	1.11E-05	7.14E-04	5.48E-05	0.00E+00	3.53E-07	3.02E-07	5.55E-05	6.97E-05	6.17E-04	2.65E-05	1.11E-05	7.24E-04
5117	482363.09, 3864377.25	0.01531	0.02156	0.00399	0.00356	6.19E-05	6.43E-04	2.55E-05	1.12E-05	7.42E-04	5.63E-05	0.00E+00	3.39E-07	3.07E-07	5.69E-05	7.16E-05	6.43E-04	2.55E-05	1.12E-05	7.51E-04
5118	482863.09, 3864377.25	0.01547	0.02248	0.00373	0.0036	6.25E-05	6.71E-04	2.38E-05	1.14E-05	7.68E-04	5.69E-05	0.00E+00	3.17E-07	3.10E-07	5.75E-05	7.23E-05	6.71E-04	2.38E-05	1.14E-05	7.78E-04
5119	483363.09, 3864377.25	0.01525	0.02345	0.00358	0.00363	6.16E-05	7.00E-04	2.28E-05	1.15E-05	7.96E-04	5.61E-05	0.00E+00	3.04E-07	3.13E-07	5.67E-05	7.13E-05	7.00E-04	2.28E-05	1.15E-05	8.05E-04
5120	483863.09, 3864377.25	0.01514	0.02436	0.00417	0.00364	6.12E-05	7.27E-04	2.66E-05	1.15E-05	8.26E-04	5.57E-05	0.00E+00	3.55E-07	3.13E-07	5.63E-05	7.08E-05	7.27E-04	2.66E-05	1.15E-05	8.36E-04
5121	484363.09, 3864377.25	0.01536	0.02501	0.00517	0.00352	6.21E-05	7.46E-04	3.30E-05	1.11E-05	8.52E-04	5.65E-05	0.00E+00	4.40E-07	3.03E-07	5.72E-05	7.18E-05	7.46E-04	3.30E-05	1.11E-05	8.62E-04
5122	484863.09, 3864377.25	0.0153	0.02587	0.00468	0.00329	6.18E-05	7.72E-04	2.99E-05	1.04E-05	8.74E-04	5.63E-05	0.00E+00	3.98E-07	2.83E-07	5.69E-05	7.16E-05	7.72E-04	2.99E-05	1.04E-05	8.84E-04
5123	485363.09, 3864377.25	0.01457	0.02727	0.00347	0.00322	5.89E-05	8.14E-04	2.21E-05	1.02E-05	9.05E-04	5.36E-05	0.00E+00	2.95E-07	2.77E-07	5.41E-05	6.81E-05	8.14E-04	2.21E-05	1.02E-05	9.14E-04
5124	485863.09, 3864377.25	0.01395	0.02812	0.00337	0.00325	5.64E-05	8.39E-04	2.15E-05	1.03E-05	9.27E-04	5.13E-05	0.00E+00	2.87E-07	2.80E-07	5.19E-05	6.52E-05	8.39E-04	2.15E-05	1.03E-05	9.36E-04
5125	486363.09, 3864377.25	0.01354	0.02776	0.00334	0.00312	5.47E-05	8.28E-04	2.13E-05	9.85E-06	9.14E-04	4.98E-05	0.00E+00	2.84E-07	2.69E-07	5.03E-05	6.33E-05	8.28E-04	2.13E-05	9.85E-06	9.23E-04
5126	486863.09, 3864377.25	0.01329	0.02779	0.00366	0.00308	5.37E-05	8.29E-04	2.33E-05	9.72E-06	9.16E-04	4.89E-05	0.00E+00	3.11E-07	2.65E-07	4.94E-05	6.22E-05	8.29E-04	2.33E-05	9.72E-06	9.24E-04
5127	487363.09, 3864377.25	0.01361	0.02724	0.00461	0.00309	5.50E-05	8.13E-04	2.94E-05	9.76E-06	9.07E-04	5.00E-05	0.00E+00	3.92E-07	2.66E-07	5.07E-05	6.36E-05	8.13E-04	2.94E-05	9.76E-06	9.15E-04
5128	487863.09, 3864377.25	0.01426	0.02714	0.00507	0.00324	5.76E-05	8.10E-04	3.23E-05	1.02E-05	9.10E-04	5.24E-05	0.00E+00	4.31E-07	2.79E-07	5.31E-05	6.67E-05	8.10E-04	3.23E-05	1.02E-05	9.19E-04
5129	488363.09, 3864377.25	0.01458	0.02686	0.00469	0.00333	5.89E-05	8.01E-04	2.99E-05	1.05E-05	9.01E-04	5.36E-05	0.00E+00	3.99E-07	2.87E-07	5.43E-05	6.82E-05	8.01E-04	2.99E-05	1.05E-05	9.10E-04

5130	488863.09, 3864377.25	0.0144	0.02667	0.00351	0.00312	5.82E-05	7.96E-04	2.24E-05	9.85E-06	8.86E-04	5.29E-05	0.00E+00	2.99E-07	2.69E-07	5.35E-05	6.73E-05	7.96E-04	2.24E-05	9.85E-06	8.95E-04
5131	489363.09, 3864377.25	0.01383	0.02697	0.00315	0.00305	5.59E-05	8.05E-04	2.01E-05	9.63E-06	8.90E-04	5.08E-05	0.00E+00	2.68E-07	2.63E-07	5.14E-05	6.47E-05	8.05E-04	2.01E-05	9.63E-06	8.99E-04
5132	489863.09, 3864377.25	0.0137	0.02747	0.00307	0.00305	5.54E-05	8.20E-04	1.96E-05	9.63E-06	9.04E-04	5.04E-05	0.00E+00	2.61E-07	2.63E-07	5.09E-05	6.41E-05	8.20E-04	1.96E-05	9.63E-06	9.13E-04
5133	490363.09, 3864377.25	0.01424	0.02768	0.00265	0.00317	5.76E-05	8.26E-04	1.69E-05	1.00E-05	9.10E-04	5.24E-05	0.00E+00	2.25E-07	2.73E-07	5.29E-05	6.66E-05	8.26E-04	1.69E-05	1.00E-05	9.19E-04
5134	490863.09, 3864377.25	0.01493	0.02804	0.00271	0.00342	6.04E-05	8.37E-04	1.73E-05	1.08E-05	9.25E-04	5.49E-05	0.00E+00	2.30E-07	2.94E-07	5.54E-05	6.98E-05	8.37E-04	1.73E-05	1.08E-05	9.34E-04
5135	491363.09, 3864377.25	0.01546	0.02848	0.0034	0.00369	6.25E-05	8.50E-04	2.17E-05	1.17E-05	9.45E-04	5.68E-05	0.00E+00	2.89E-07	3.18E-07	5.74E-05	7.23E-05	8.50E-04	2.17E-05	1.17E-05	9.55E-04
5136	491863.09, 3864377.25	0.01144	0.01088	0.0038	0.00363	4.62E-05	3.25E-04	2.42E-05	1.15E-05	4.07E-04	4.21E-05	0.00E+00	3.23E-07	3.13E-07	4.27E-05	5.35E-05	3.25E-04	2.42E-05	1.15E-05	4.14E-04
5137	492363.09, 3864377.25	0.016	0.02236	0.00519	0.00405	6.47E-05	6.67E-04	3.31E-05	1.28E-05	7.78E-04	5.88E-05	0.00E+00	4.41E-07	3.49E-07	5.96E-05	7.48E-05	6.67E-04	3.31E-05	1.28E-05	7.88E-04
5138	492863.09, 3864377.25	0.0142	0.01517	0.00671	0.00373	5.74E-05	4.53E-04	4.28E-05	1.18E-05	5.65E-04	5.22E-05	0.00E+00	5.71E-07	3.21E-07	5.31E-05	6.64E-05	4.53E-04	4.28E-05	1.18E-05	5.74E-04
5139	493363.09, 3864377.25	0.01478	0.02148	0.00741	0.00387	5.97E-05	6.41E-04	4.73E-05	1.22E-05	7.60E-04	5.43E-05	0.00E+00	6.30E-07	3.33E-07	5.53E-05	6.91E-05	6.41E-04	4.73E-05	1.22E-05	7.69E-04
5140	493863.09, 3864377.25	0.01586	0.02453	0.00524	0.00355	6.41E-05	7.32E-04	3.34E-05	1.12E-05	8.41E-04	5.83E-05	0.00E+00	4.46E-07	3.06E-07	5.91E-05	7.42E-05	7.32E-04	3.34E-05	1.12E-05	8.51E-04
5141	494363.09, 3864377.25	0.01698	0.02575	0.00506	0.00335	6.86E-05	7.68E-04	3.23E-05	1.06E-05	8.80E-04	6.24E-05	0.00E+00	4.30E-07	2.88E-07	6.31E-05	7.94E-05	7.68E-04	3.23E-05	1.06E-05	8.90E-04
5142	494863.09, 3864377.25	0.01721	0.02667	0.0056	0.0033	6.96E-05	7.96E-04	3.57E-05	1.04E-05	9.11E-04	6.33E-05	0.00E+00	4.76E-07	2.84E-07	6.40E-05	8.05E-05	7.96E-04	3.57E-05	1.04E-05	9.22E-04
5143	495363.09, 3864377.25	0.01665	0.02736	0.00583	0.00335	6.73E-05	8.16E-04	3.72E-05	1.06E-05	9.31E-04	6.12E-05	0.00E+00	4.96E-07	2.88E-07	6.20E-05	7.79E-05	8.16E-04	3.72E-05	1.06E-05	9.42E-04
5144	495863.09, 3864377.25	0.01576	0.02806	0.00545	0.00343	6.37E-05	8.37E-04	3.48E-05	1.08E-05	9.46E-04	5.79E-05	0.00E+00	4.64E-07	2.95E-07	5.87E-05	7.37E-05	8.37E-04	3.48E-05	1.08E-05	9.56E-04
5145	496363.09, 3864377.25	0.01502	0.02867	0.00497	0.0035	6.07E-05	8.55E-04	3.17E-05	1.11E-05	9.59E-04	5.52E-05	0.00E+00	4.23E-07	3.01E-07	5.59E-05	7.02E-05	8.55E-04	3.17E-05	1.11E-05	9.68E-04
5146	496863.09, 3864377.25	0.01471	0.02907	0.0047	0.00356	5.95E-05	8.67E-04	3.00E-05	1.12E-05	9.68E-04	5.41E-05	0.00E+00	4.00E-07	3.07E-07	5.48E-05	6.88E-05	8.67E-04	3.00E-05	1.12E-05	9.77E-04
5147	497363.09, 3864377.25	0.01457	0.02935	0.00469	0.00352	5.89E-05	8.76E-04	2.99E-05	1.11E-05	9.76E-04	5.36E-05	0.00E+00	3.99E-07	3.03E-07	5.43E-05	6.81E-05	8.76E-04	2.99E-05	1.11E-05	9.85E-04
5148	497863.09, 3864377.25	0.01468	0.02939	0.00506	0.00353	5.93E-05	8.77E-04	3.23E-05	1.11E-05	9.80E-04	5.40E-05	0.00E+00	4.30E-07	3.04E-07	5.47E-05	6.87E-05	8.77E-04	3.23E-05	1.11E-05	9.89E-04
5149	498363.09, 3864377.25	0.01445	0.0289	0.00518	0.00337	5.84E-05	8.62E-04	3.30E-05	1.06E-05	9.64E-04	5.31E-05	0.00E+00	4.41E-07	2.90E-07	5.39E-05	6.76E-05	8.62E-04	3.30E-05	1.06E-05	9.73E-04
5150	471363.09, 3864877.25	0.00744	0.00816	0.0038	0.00276	3.01E-05	2.43E-04	2.42E-05	8.71E-06	3.06E-04	2.74E-05	0.00E+00	3.23E-07	2.38E-07	2.79E-05	3.48E-05	2.43E-04	2.42E-05	8.71E-06	3.11E-04
5151	471863.09, 3864877.25	0.00747	0.00847	0.00375	0.00279	3.02E-05	2.53E-04	2.39E-05	8.81E-06	3.16E-04	2.75E-05	0.00E+00	3.19E-07	2.40E-07	2.80E-05	3.49E-05	2.53E-04	2.39E-05	8.81E-06	3.20E-04
5152	472363.09, 3864877.25	0.0075	0.00883	0.00376	0.00282	3.03E-05	2.63E-04	2.40E-05	8.90E-06	3.27E-04	2.76E-05	0.00E+00	3.20E-07	2.43E-07	2.81E-05	3.51E-05	2.63E-04	2.40E-05	8.90E-06	3.31E-04
5153	472863.09, 3864877.25	0.00758	0.00923	0.00383	0.00285	3.06E-05	2.75E-04	2.44E-05	9.00E-06	3.39E-04	2.79E-05	0.00E+00	3.26E-07	2.45E-07	2.84E-05	3.54E-05	2.75E-04	2.44E-05	9.00E-06	3.44E-04
5154	473363.09, 3864877.25	0.00769	0.00972	0.00403	0.00288	3.11E-05	2.90E-04	2.57E-05	9.09E-06	3.56E-04	2.83E-05	0.00E+00	3.43E-07	2.48E-07	2.89E-05	3.60E-05	2.90E-04	2.57E-05	9.09E-06	3.61E-04
5155	473863.09, 3864877.25	0.00787	0.01022	0.00419	0.0029	3.18E-05	3.05E-04	2.67E-05	9.16E-06	3.73E-04	2.89E-05	0.00E+00	3.56E-07	2.50E-07	2.95E-05	3.68E-05	3.05E-04	2.67E-05	9.16E-06	3.78E-04
5156	474363.09, 3864877.25	0.0081	0.01071	0.0044	0.00291	3.27E-05	3.20E-04	2.81E-05	9.19E-06	3.90E-04	2.98E-05	0.00E+00	3.74E-07	2.51E-07	3.04E-05	3.79E-05	3.20E-04	2.81E-05	9.19E-06	3.95E-04
5157	474863.09, 3864877.25	0.00835	0.0112	0.00457	0.00292	3.38E-05	3.34E-04	2.91E-05	9.22E-06	4.06E-04	3.07E-05	0.00E+00	3.89E-07	2.51E-07	3.13E-05	3.90E-05	3.34E-04	2.91E-05	9.22E-06	4.12E-04
5158	475363.09, 3864877.25	0.00863	0.01163	0.00467	0.00293	3.49E-05	3.47E-04	2.98E-05	9.25E-06	4.21E-04	3.17E-05	0.00E+00	3.97E-07	2.52E-07	3.24E-05	4.04E-05	3.47E-04	2.98E-05	9.25E-06	4.26E-04
5159	475863.09, 3864877.25	0.00894	0.01205	0.00469	0.00295	3.61E-05	3.59E-04	2.99E-05	9.31E-06	4.35E-04	3.29E-05	0.00E+00	3.99E-07	2.54E-07	3.35E-05	4.18E-05	3.59E-04	2.99E-05	9.31E-06	4.41E-04
5160	476363.09, 3864877.25	0.00933	0.0125	0.00472	0.00298	3.77E-05	3.73E-04	3.01E-05	9.41E-06	4.50E-04	3.43E-05	0.00E+00	4.01E-07	2.57E-07	3.50E-05	4.36E-05	3.73E-04	3.01E-05	9.41E-06	4.56E-04
5161	476863.09, 3864877.25	0.0098	0.01301	0.00482	0.00303	3.96E-05	3.88E-04	3.07E-05	9.57E-06	4.68E-04	3.60E-05	0.00E+00	4.10E-07	2.61E-07	3.67E-05	4.58E-05	3.88E-04	3.07E-05	9.57E-06	4.74E-04
5162	477363.09, 3864877.25	0.01018	0.01363	0.0048	0.0031	4.11E-05	4.07E-04	3.06E-05	9.79E-06	4.88E-04	3.74E-05	0.00E+00	4.08E-07	2.67E-07	3.81E-05	4.76E-05	4.07E-04	3.06E-05	9.79E-06	4.95E-04
5163	477863.09, 3864877.25	0.01052	0.01429	0.00483	0.00318	4.25E-05	4.26E-04	3.08E-05	1.00E-05	5.10E-04	3.87E-05	0.00E+00	4.11E-07	2.74E-07	3.94E-05	4.92E-05	4.26E-04	3.08E-05	1.00E-05	5.16E-04
5164	478363.09, 3864877.25	0.01095	0.01492	0.00489	0.00328	4.43E-05	4.45E-04	3.12E-05	1.04E-05	5.31E-04	4.03E-05	0.00E+00	4.16E-07	2.82E-07	4.10E-05	5.12E-05	4.45E-04	3.12E-05	1.04E-05	5.38E-04
5165	478863.09, 3864877.25	0.01152	0.01549	0.00495	0.0034	4.66E-05	4.62E-04	3.16E-05	1.07E-05	5.51E-04	4.24E-05	0.00E+00	4.21E-07	2.93E-07	4.31E-05	5.39E-05	4.62E-04	3.16E-05	1.07E-05	5.58E-04
5166	479363.09, 3864877.25	0.01216	0.01593	0.00492	0.00346	4.92E-05	4.75E-04	3.14E-05	1.09E-05	5.67E-04	4.47E-05	0.00E+00	4.18E-07	2.98E-07	4.54E-05	5.69E-05	4.75E-04	3.14E-05	1.09E-05	5.74E-04
5167	479863.09, 3864877.25	0.01278	0.01631	0.0047	0.00342	5.17E-05	4.87E-04	3.00E-05	1.08E-05	5.79E-04	4.70E-05	0.00E+00	4.00E-07	2.94E-07	4.77E-05	5.98E-05	4.87E-04	3.00E-05	1.08E-05	5.87E-04
5168	480363.09, 3864877.25	0.01325	0.01674	0.00436	0.00335	5.36E-05	4.99E-04	2.78E-05	1.06E-05	5.91E-04	4.87E-05	0.00E+00	3.71E-07	2.88E-07	4.94E-05	6.20E-05	4.99E-04	2.78E-05	1.06E-05	6.00E-04
5169	480863.09, 3864877.25	0.01334	0.01726	0.00401	0.00325	5.39E-05	5.15E-04	2.56E-05	1.03E-05	6.05E-04	4.90E-05	0.00E+00	3.41E-07	2.80E-07	4.97E-05	6.24E-05	5.15E-04	2.56E-05	1.03E-05	6.13E-04
5170	481363.09, 3864877.25	0.01338	0.01796	0.00383	0.00322	5.41E-05	5.36E-04	2.44E-05	1.02E-05	6.24E-04	4.92E-05	0.00E+00	3.26E-07	2.77E-07	4.98E-05	6.26E-05	5.36E-04	2.44E-05	1.02E-05	6.33E-04
5171	481863.09, 3864877.25	0.01359	0.01875	0.00368	0.00321	5.49E-05	5.59E-04	2.35E-05	1.01E-05	6.48E-04	5.00E-05	0.00E+00	3.13E-07	2.76E-07	5.06E-05	6.36E-05	5.59E-04	2.35E-05	1.01E-05	6.57E-04
5172	482363.09, 3864877.25	0.01387	0.0195	0.00348	0.00322	5.61E-05	5.82E-04	2.22E-05	1.02E-05	6.70E-04	5.10E-05	0.00E+00	2.96E-07	2.77E-07	5.16E-05	6.49E-05	5.82E-04	2.22E-05	1.02E-05	6.79E-04
5173	482863.09, 3864877.25	0.01391	0.02033	0.00332	0.00326	5.62E-05	6.07E-04	2.12E-05	1.03E-05	6.94E-04	5.11E-05	0.00E+00	2.82E-07	2.81E-07	5.17E-05	6.51E-05	6.07E-04	2.12E-05	1.03E-05	7.03E-04
5174	483363.09, 3864877.25	0.0137	0.02125	0.00366	0.00333	5.54E-05	6.34E-04	2.33E-05	1.05E-05	7.23E-04	5.04E-05	0.00E+00	3.11E-07	2.87E-07	5.10E-05	6.41E-05	6.34E-04	2.33E-05	1.05E-05	7.32E-04
5175	483863.09, 3864877.25	0.0137	0.02177	0.00465	0.00333	5.54E-05	6.49E-04	2.97E-05	1.05E-05	7.45E-04	5.04E-05	0.00E+00	3.95E-07	2.87E-07	5.11E-05	6.41E-05	6.49E-04	2.97E-05	1.05E-05	7.54E-04
5176	484363.09, 3864877.25	0.01397	0.02214	0.00496	0.00318	5.65E-05	6.61E-04	3.16E-05	1.00E-05	7.59E-04	5.14E-05	0.00E+00	4.22E-07	2.74E-07	5.21E-05	6.53E-05	6.61E-04	3.16E-05	1.00E-05	7.68E-04
5177	484863.09, 3864877.25	0.01383	0.02298	0.00385	0.00305	5.59E-05	6.86E-04	2.46E-05	9.63E-06	7.76E-04	5.08E-05	0.00E+00	3.27E-07	2.63E-07	5.14E-05	6.47E-05	6.86E-04	2.46E-05	9.63E-06	7.84E-04
5178	485363.09, 3864877.25	0.0132	0.02402	0.00313	0.00307	5.34E-05	7.17E-04	2.00E-05	9.69E-06	8.00E-04	4.85E-05	0.00E+00	2.66E-07	2.64E-07	4.91E-05	6.17E-05	7.17E-04	2.00E-05	9.69E-06	8.08E-04
5179	485863.09, 3864877.25	0.01266	0.02414	0.00328	0.00298	5.12E-05	7.20E-04	2.09E-05	9.41E-06	8.02E-04	4.65E-05	0.00E+00	2.79E-07	2.57E-07	4.71E-05	5.92E-05	7.20E-04	2.09E-05	9.41E-06	8.10E-04
5180	486363.09, 3864877.25	0.01224	0.02398	0.00312	0.00288	4.95E-05	7.15E-04	1.99E-05	9.09E-06	7.94E-04	4.50E-05	0.00E+00	2.65E-07	2.48E-07	4.55E-05	5.72E-05	7.15E-04	1.99E-05	9.09E-06	8.02E-04
5181	486863.09, 3864877.25	0.01197	0.02405	0.00359	0.00288	4.84E-05	7.17E-04	2.29E-05	9.09E-06	7.98E-04	4.40E-05	0.00E+00	3.05E-07	2.48E-07	4.46E-05	5.60E-05	7.17E-04	2.29E-05	9.09E-06	8.05E-04
5182	487363.09, 3864877.25	0.0122	0.02342	0.00446	0.00288	4.93E-05	6.99E-04	2.84E-05	9.09E-06	7.86E-04	4.49E-05	0.00E+00	3.79E-07	2.48E-07	4.55E-05	5.71E-05	6.99E-04	2.84E-05	9.09E-06	7.93E-04
5183	487863.09, 3864877.25	0.01284	0.0232	0.0048	0.00299	5.19E-05	6.92E-04	3.06E-05	9.44E-06	7.84E-04	4.72E-05	0.00E+00	4.08E-07	2.57E-07	4.79E-05	6.00E-05	6.92E-04	3.06E-05	9.44E-06	7.92E-04
5184	488363.09, 3864877.25	0.01325	0.023	0.00446	0.00305	5.36E-05	6.86E-04	2.84E-05	9.63E-06	7.78E-04	4.87E-05	0.00E+00	3.79E-07	2.63E-07	4.94E-05	6.20E-05	6.86E-04	2.84E-05	9.63E-06	7.86E-04
5185	488863.09, 3864877.25	0.01324	0.02295	0.00338	0.00286	5.35E-05	6.85E-04	2.16E-05	9.03E-06	7.69E-04	4.87E-05	0.00E+00	2.87E-07	2.46E-07	4.92E-05	6.19E-05	6.85E-04	2.16E-05	9.03E-06	7.77E-04
5186	489363.09, 3864877.25	0.01276	0.02323	0.00296	0.00277	5.16E-05	6.93E-04	1.89E-05	8.75E-06	7.72E-04	4.69E-05	0.00E+00	2.52E-07	2.39E-07	4.74E-05	5.97E-05	6.93E-04	1.89E-05	8.75E-06	7.80E-04
5187	489863.09, 3864877.25	0.01239	0.02354	0.00302	0.00278	5.01E-05	7.02E-04	1.93E-05	8.78E-06	7.80E-04	4.56E-05	0.00E+00	2.57E-07	2.39E-07	4.60E-05	5.79E-05	7.02E-04	1.93E-05	8.78E-06	7.88E-04
5188	490363.09, 3864877.25	0.01264	0.02376	0.00261	0.00284	5.11E-05	7.09E-04	1.66E-05	8.97E-06	7.86E-04	4.65E-05	0.00E+00	2.22E-07	2.45E-07	4.69E-05	5.91E-05	7.09E-04	1.66E-05	8.97E-06	7.94E-04

5189	490863.09, 3864877.25	0.01402	0.02225	0.00247	0.00302	5.67E-05	6.64E-04	1.58E-05	9.54E-06	7.46E-04	5.15E-05	0.00E+00	2.10E-07	2.60E-07	5.20E-05	6.56E-05	6.64E-04	1.58E-05	9.54E-06	7.55E-04
5190	491363.09, 3864877.25	0.01418	0.02422	0.00288	0.00331	5.73E-05	7.23E-04	1.84E-05	1.05E-05	8.09E-04	5.21E-05	0.00E+00	2.45E-07	2.85E-07	5.27E-05	6.63E-05	7.23E-04	1.84E-05	1.05E-05	8.18E-04
5191	491863.09, 3864877.25	0.01417	0.02199	0.00331	0.0035	5.73E-05	6.56E-04	2.11E-05	1.11E-05	7.45E-04	5.21E-05	0.00E+00	2.82E-07	3.01E-07	5.27E-05	6.63E-05	6.56E-04	2.11E-05	1.11E-05	7.54E-04
5192	492363.09, 3864877.25	0.00702	0.0069	0.00356	0.00283	2.84E-05	2.06E-04	2.27E-05	8.94E-06	2.66E-04	2.58E-05	0.00E+00	3.03E-07	2.44E-07	2.64E-05	3.28E-05	2.06E-04	2.27E-05	8.94E-06	2.70E-04
5193	492863.09, 3864877.25	0.01024	0.00953	0.00483	0.00307	4.14E-05	2.84E-04	3.08E-05	9.69E-06	3.66E-04	3.76E-05	0.00E+00	4.11E-07	2.64E-07	3.83E-05	4.79E-05	2.84E-04	3.08E-05	9.69E-06	3.73E-04
5194	493363.09, 3864877.25	0.00973	0.00988	0.00511	0.00302	3.93E-05	2.95E-04	3.26E-05	9.54E-06	3.76E-04	3.58E-05	0.00E+00	4.35E-07	2.60E-07	3.65E-05	4.55E-05	2.95E-04	3.26E-05	9.54E-06	3.82E-04
5195	493863.09, 3864877.25	0.01344	0.01997	0.00646	0.00354	5.43E-05	5.96E-04	4.12E-05	1.12E-05	7.02E-04	4.94E-05	0.00E+00	5.49E-07	3.05E-07	5.03E-05	6.29E-05	5.96E-04	4.12E-05	1.12E-05	7.11E-04
5196	494363.09, 3864877.25	0.0145	0.02229	0.00478	0.00328	5.86E-05	6.65E-04	3.05E-05	1.04E-05	7.64E-04	5.33E-05	0.00E+00	4.07E-07	2.82E-07	5.40E-05	6.78E-05	6.65E-04	3.05E-05	1.04E-05	7.74E-04
5197	494863.09, 3864877.25	0.01538	0.02238	0.00471	0.00309	6.22E-05	6.68E-04	3.00E-05	9.76E-06	7.70E-04	5.65E-05	0.00E+00	4.01E-07	2.66E-07	5.72E-05	7.19E-05	6.68E-04	3.00E-05	9.76E-06	7.79E-04
5198	495363.09, 3864877.25	0.01564	0.02277	0.00519	0.00301	6.32E-05	6.79E-04	3.31E-05	9.50E-06	7.85E-04	5.75E-05	0.00E+00	4.41E-07	2.59E-07	5.82E-05	7.31E-05	6.79E-04	3.31E-05	9.50E-06	7.95E-04
5199	495863.09, 3864877.25	0.01516	0.02348	0.00554	0.00305	6.13E-05	7.00E-04	3.53E-05	9.63E-06	8.07E-04	5.57E-05	0.00E+00	4.71E-07	2.63E-07	5.65E-05	7.09E-05	7.00E-04	3.53E-05	9.63E-06	8.16E-04
5200	496363.09, 3864877.25	0.01447	0.02372	0.00513	0.00311	5.85E-05	7.08E-04	3.27E-05	9.82E-06	8.09E-04	5.32E-05	0.00E+00	4.36E-07	2.68E-07	5.39E-05	6.77E-05	7.08E-04	3.27E-05	9.82E-06	8.18E-04
5201	496863.09, 3864877.25	0.01378	0.02429	0.00466	0.00318	5.57E-05	7.25E-04	2.97E-05	1.00E-05	8.20E-04	5.07E-05	0.00E+00	3.96E-07	2.74E-07	5.13E-05	6.44E-05	7.25E-04	2.97E-05	1.00E-05	8.29E-04
5202	497363.09, 3864877.25	0.01339	0.02483	0.00442	0.00325	5.41E-05	7.41E-04	2.82E-05	1.03E-05	8.33E-04	4.92E-05	0.00E+00	3.76E-07	2.80E-07	4.99E-05	6.26E-05	7.41E-04	2.82E-05	1.03E-05	8.42E-04
5203	497863.09, 3864877.25	0.01333	0.02517	0.00444	0.00327	5.39E-05	7.51E-04	2.83E-05	1.03E-05	8.43E-04	4.90E-05	0.00E+00	3.78E-07	2.82E-07	4.97E-05	6.23E-05	7.51E-04	2.83E-05	1.03E-05	8.52E-04
5204	498363.09, 3864877.25	0.01329	0.02547	0.00453	0.00324	5.37E-05	7.60E-04	2.89E-05	1.02E-05	8.53E-04	4.89E-05	0.00E+00	3.85E-07	2.79E-07	4.95E-05	6.22E-05	7.60E-04	2.89E-05	1.02E-05	8.61E-04
5205	471363.09, 3865377.25	0.00678	0.00798	0.00355	0.00266	2.74E-05	2.38E-04	2.26E-05	8.40E-06	2.97E-04	2.49E-05	0.00E+00	3.02E-07	2.29E-07	2.55E-05	3.17E-05	2.38E-04	2.26E-05	8.40E-06	3.01E-04
5206	471863.09, 3865377.25	0.00683	0.00832	0.00363	0.00269	2.76E-05	2.48E-04	2.32E-05	8.49E-06	3.07E-04	2.51E-05	0.00E+00	3.09E-07	2.32E-07	2.57E-05	3.19E-05	2.48E-04	2.32E-05	8.49E-06	3.12E-04
5207	472363.09, 3865377.25	0.00694	0.0087	0.00378	0.00272	2.81E-05	2.60E-04	2.41E-05	8.59E-06	3.20E-04	2.55E-05	0.00E+00	3.21E-07	2.34E-07	2.61E-05	3.25E-05	2.60E-04	2.41E-05	8.59E-06	3.25E-04
5208	472863.09, 3865377.25	0.00711	0.00907	0.00395	0.00274	2.87E-05	2.71E-04	2.52E-05	8.65E-06	3.33E-04	2.61E-05	0.00E+00	3.36E-07	2.36E-07	2.67E-05	3.33E-05	2.71E-04	2.52E-05	8.65E-06	3.38E-04
5209	473363.09, 3865377.25	0.00728	0.00951	0.00412	0.00277	2.94E-05	2.84E-04	2.63E-05	8.75E-06	3.48E-04	2.68E-05	0.00E+00	3.50E-07	2.39E-07	2.74E-05	3.40E-05	2.84E-04	2.63E-05	8.75E-06	3.53E-04
5210	473863.09, 3865377.25	0.00748	0.0099	0.00424	0.00277	3.02E-05	2.95E-04	2.70E-05	8.75E-06	3.61E-04	2.75E-05	0.00E+00	3.61E-07	2.39E-07	2.81E-05	3.50E-05	2.95E-04	2.70E-05	8.75E-06	3.66E-04
5211	474363.09, 3865377.25	0.0077	0.01026	0.00433	0.00277	3.11E-05	3.06E-04	2.76E-05	8.75E-06	3.74E-04	2.83E-05	0.00E+00	3.68E-07	2.39E-07	2.89E-05	3.60E-05	3.06E-04	2.76E-05	8.75E-06	3.78E-04
5212	474863.09, 3865377.25	0.00794	0.0106	0.0044	0.00276	3.21E-05	3.16E-04	2.81E-05	8.71E-06	3.85E-04	2.92E-05	0.00E+00	3.74E-07	2.38E-07	2.98E-05	3.71E-05	3.16E-04	2.81E-05	8.71E-06	3.90E-04
5213	475363.09, 3865377.25	0.00817	0.01096	0.00437	0.00278	3.30E-05	3.27E-04	2.79E-05	8.78E-06	3.97E-04	3.00E-05	0.00E+00	3.72E-07	2.39E-07	3.06E-05	3.82E-05	3.27E-04	2.79E-05	8.78E-06	4.02E-04
5214	475863.09, 3865377.25	0.00849	0.01135	0.0044	0.00281	3.43E-05	3.39E-04	2.81E-05	8.87E-06	4.10E-04	3.12E-05	0.00E+00	3.74E-07	2.42E-07	3.18E-05	3.97E-05	3.39E-04	2.81E-05	8.87E-06	4.15E-04
5215	476363.09, 3865377.25	0.00899	0.01165	0.00457	0.00285	3.63E-05	3.48E-04	2.91E-05	9.00E-06	4.22E-04	3.31E-05	0.00E+00	3.89E-07	2.45E-07	3.37E-05	4.20E-05	3.48E-04	2.91E-05	9.00E-06	4.28E-04
5216	476863.09, 3865377.25	0.00942	0.01106	0.00477	0.00296	3.81E-05	3.30E-04	3.04E-05	9.35E-06	4.08E-04	3.46E-05	0.00E+00	4.06E-07	2.55E-07	3.53E-05	4.41E-05	3.30E-04	3.04E-05	9.35E-06	4.14E-04
5217	477363.09, 3865377.25	0.00968	0.01271	0.00473	0.00299	3.91E-05	3.79E-04	3.02E-05	9.44E-06	4.58E-04	3.56E-05	0.00E+00	4.02E-07	2.57E-07	3.62E-05	4.53E-05	3.79E-04	3.02E-05	9.44E-06	4.64E-04
5218	477863.09, 3865377.25	0.00992	0.01334	0.00462	0.0031	4.01E-05	3.98E-04	2.95E-05	9.79E-06	4.77E-04	3.65E-05	0.00E+00	3.93E-07	2.67E-07	3.71E-05	4.64E-05	3.98E-04	2.95E-05	9.79E-06	4.84E-04
5219	478363.09, 3865377.25	0.01041	0.01379	0.00468	0.0032	4.21E-05	4.11E-04	2.99E-05	1.01E-05	4.93E-04	3.83E-05	0.00E+00	3.98E-07	2.76E-07	3.89E-05	4.87E-05	4.11E-04	2.99E-05	1.01E-05	5.00E-04
5220	478863.09, 3865377.25	0.01094	0.01412	0.00459	0.00324	4.42E-05	4.21E-04	2.93E-05	1.02E-05	5.05E-04	4.02E-05	0.00E+00	3.90E-07	2.79E-07	4.09E-05	5.12E-05	4.21E-04	2.93E-05	1.02E-05	5.12E-04
5221	479363.09, 3865377.25	0.01147	0.01437	0.00434	0.00322	4.64E-05	4.29E-04	2.77E-05	1.02E-05	5.13E-04	4.22E-05	0.00E+00	3.69E-07	2.77E-07	4.28E-05	5.36E-05	4.29E-04	2.77E-05	1.02E-05	5.20E-04
5222	479863.09, 3865377.25	0.01194	0.01471	0.00401	0.00315	4.83E-05	4.39E-04	2.56E-05	9.95E-06	5.23E-04	4.39E-05	0.00E+00	3.41E-07	2.71E-07	4.45E-05	5.58E-05	4.39E-04	2.56E-05	9.95E-06	5.30E-04
5223	480363.09, 3865377.25	0.01213	0.01519	0.00371	0.00304	4.90E-05	4.53E-04	2.37E-05	9.60E-06	5.35E-04	4.46E-05	0.00E+00	3.16E-07	2.62E-07	4.52E-05	5.67E-05	4.53E-04	2.37E-05	9.60E-06	5.43E-04
5224	480863.09, 3865377.25	0.01216	0.01581	0.00354	0.00299	4.92E-05	4.72E-04	2.26E-05	9.44E-06	5.53E-04	4.47E-05	0.00E+00	3.01E-07	2.57E-07	4.53E-05	5.69E-05	4.72E-04	2.26E-05	9.44E-06	5.61E-04
5225	481363.09, 3865377.25	0.01225	0.01648	0.00343	0.00296	4.95E-05	4.92E-04	2.19E-05	9.35E-06	5.72E-04	4.50E-05	0.00E+00	2.92E-07	2.55E-07	4.56E-05	5.73E-05	4.92E-04	2.19E-05	9.35E-06	5.80E-04
5226	481863.09, 3865377.25	0.01242	0.0171	0.00326	0.00293	5.02E-05	5.10E-04	2.08E-05	9.25E-06	5.90E-04	4.57E-05	0.00E+00	2.77E-07	2.52E-07	4.62E-05	5.81E-05	5.10E-04	2.08E-05	9.25E-06	5.98E-04
5227	482363.09, 3865377.25	0.0126	0.01774	0.0031	0.00293	5.09E-05	5.29E-04	1.98E-05	9.25E-06	6.09E-04	4.63E-05	0.00E+00	2.64E-07	2.52E-07	4.68E-05	5.89E-05	5.29E-04	1.98E-05	9.25E-06	6.17E-04
5228	482863.09, 3865377.25	0.01253	0.01857	0.00325	0.00301	5.06E-05	5.54E-04	2.07E-05	9.50E-06	6.35E-04	4.61E-05	0.00E+00	2.76E-07	2.59E-07	4.66E-05	5.86E-05	5.54E-04	2.07E-05	9.50E-06	6.43E-04
5229	483363.09, 3865377.25	0.0124	0.01928	0.00408	0.0031	5.01E-05	5.75E-04	2.60E-05	9.79E-06	6.61E-04	4.56E-05	0.00E+00	3.47E-07	2.67E-07	4.62E-05	5.80E-05	5.75E-04	2.60E-05	9.79E-06	6.69E-04
5230	483863.09, 3865377.25	0.01255	0.01948	0.00485	0.00306	5.07E-05	5.81E-04	3.09E-05	9.66E-06	6.72E-04	4.61E-05	0.00E+00	4.12E-07	2.63E-07	4.68E-05	5.87E-05	5.81E-04	3.09E-05	9.66E-06	6.80E-04
5231	484363.09, 3865377.25	0.01277	0.01982	0.00431	0.00294	5.16E-05	5.91E-04	2.75E-05	9.28E-06	6.80E-04	4.69E-05	0.00E+00	3.67E-07	2.53E-07	4.76E-05	5.97E-05	5.91E-04	2.75E-05	9.28E-06	6.88E-04
5232	484863.09, 3865377.25	0.01257	0.02059	0.00323	0.00292	5.08E-05	6.14E-04	2.06E-05	9.22E-06	6.95E-04	4.62E-05	0.00E+00	2.75E-07	2.51E-07	4.67E-05	5.88E-05	6.14E-04	2.06E-05	9.22E-06	7.03E-04
5233	485363.09, 3865377.25	0.01202	0.02111	0.00303	0.00288	4.86E-05	6.30E-04	1.93E-05	9.09E-06	7.07E-04	4.42E-05	0.00E+00	2.58E-07	2.48E-07	4.47E-05	5.62E-05	6.30E-04	1.93E-05	9.09E-06	7.14E-04
5234	485863.09, 3865377.25	0.01156	0.02089	0.00313	0.00271	4.67E-05	6.23E-04	2.00E-05	8.56E-06	6.98E-04	4.25E-05	0.00E+00	2.66E-07	2.33E-07	4.30E-05	5.41E-05	6.23E-04	2.00E-05	8.56E-06	7.06E-04
5235	486363.09, 3865377.25	0.01117	0.02107	0.00296	0.0027	4.52E-05	6.29E-04	1.89E-05	8.52E-06	7.01E-04	4.11E-05	0.00E+00	2.52E-07	2.32E-07	4.16E-05	5.22E-05	6.29E-04	1.89E-05	8.52E-06	7.08E-04
5236	486863.09, 3865377.25	0.01087	0.02106	0.00353	0.00271	4.39E-05	6.28E-04	2.25E-05	8.56E-06	7.03E-04	4.00E-05	0.00E+00	3.00E-07	2.33E-07	4.05E-05	5.08E-05	6.28E-04	2.25E-05	8.56E-06	7.10E-04
5237	487363.09, 3865377.25	0.01103	0.02048	0.00432	0.00273	4.46E-05	6.11E-04	2.76E-05	8.62E-06	6.92E-04	4.06E-05	0.00E+00	3.67E-07	2.35E-07	4.12E-05	5.16E-05	6.11E-04	2.76E-05	8.62E-06	6.99E-04
5238	487863.09, 3865377.25	0.01163	0.0202	0.00456	0.0028	4.70E-05	6.03E-04	2.91E-05	8.84E-06	6.88E-04	4.28E-05	0.00E+00	3.88E-07	2.41E-07	4.34E-05	5.44E-05	6.03E-04	2.91E-05	8.84E-06	6.95E-04
5239	488363.09, 3865377.25	0.0121	0.01997	0.00425	0.00282	4.89E-05	5.96E-04	2.71E-05	8.90E-06	6.81E-04	4.45E-05	0.00E+00	3.61E-07	2.43E-07	4.51E-05	5.66E-05	5.96E-04	2.71E-05	8.90E-06	6.88E-04
5240	488863.09, 3865377.25	0.01221	0.01997	0.00327	0.00265	4.94E-05	5.96E-04	2.09E-05	8.37E-06	6.74E-04	4.49E-05	0.00E+00	2.78E-07	2.28E-07	4.54E-05	5.71E-05	5.96E-04	2.09E-05	8.37E-06	6.82E-04
5241	489363.09, 3865377.25	0.0119	0.02034	0.00281	0.00255	4.81E-05	6.07E-04	1.79E-05	8.05E-06	6.81E-04	4.38E-05	0.00E+00	2.39E-07	2.20E-07	4.42E-05	5.57E-05	6.07E-04	1.79E-05	8.05E-06	6.88E-04
5242	489863.09, 3865377.25	0.01153	0.02065	0.00296	0.0026	4.66E-05	6.16E-04	1.89E-05	8.21E-06	6.90E-04	4.24E-05	0.00E+00	2.52E-07	2.24E-07	4.29E-05	5.39E-05	6.16E-04	1.89E-05	8.21E-06	6.97E-04
5243	490363.09, 3865377.25	0.01186	0.01967	0.00279	0.00258	4.79E-05	5.87E-04	1.78E-05	8.15E-06	6.61E-04	4.36E-05	0.00E+00	2.37E-07	2.22E-07	4.41E-05	5.55E-05	5.87E-04	1.78E-05	8.15E-06	6.68E-04
5244	490863.09, 3865377.25	0.0124	0.01896	0.0023	0.00268	5.01E-05	5.66E-04	1.47E-05	8.46E-06	6.39E-04	4.56E-05	0.00E+00	1.96E-07	2.31E-07	4.60E-05	5.80E-05	5.66E-04	1.47E-05	8.46E-06	6.47E-04
5245	491363.09, 3865377.25	0.01304	0.01847	0.00239	0.00291	5.27E-05	5.51E-04	1.52E-05	9.19E-06	6.28E-04	4.79E-05	0.00E+00	2.03E-07	2.51E-07	4.84E-05	6.10E-05	5.51E-04	1.52E-05	9.19E-06	6.36E-04
5246	491863.09, 3865377.25	0.01308	0.0189	0.00276	0.00319	5.29E-05	5.64E-04	1.76E-05	1.01E-05	6.44E-04	4.81E-05	0.00E+00	2.35E-07	2.75E-07	4.86E-05	6.12E-05	5.64E-04	1.76E-05	1.01E-05	6.53E-04
5247	492363.09, 3865377.25	0.01179	0.0137	0.00337	0.00391	4.77E-05	4.09E-04	2.15E-05	1.23E-05	4.90E-04	4.33E-05	0.00E+00	2.87E-07	3.37E-07	4.40E-05	5.51E-05	4.09E-04	2.15E-05	1.23E-05	4.98E-04

5248	492863.09, 3865377.25	0.01062	0.00983	0.00413	0.00311	4.29E-05	2.93E-04	2.63E-05	9.82E-06	3.72E-04	3.90E-05	0.00E+00	3.51E-07	2.68E-07	3.97E-05	4.97E-05	2.93E-04	2.63E-05	9.82E-06	3.79E-04
5249	493363.09, 3865377.25	0.00902	0.00831	0.00435	0.0027	3.65E-05	2.48E-04	2.77E-05	8.52E-06	3.21E-04	3.32E-05	0.00E+00	3.70E-07	2.32E-07	3.38E-05	4.22E-05	2.48E-04	2.77E-05	8.52E-06	3.26E-04
5250	493863.09, 3865377.25	0.01221	0.01353	0.00709	0.00323	4.94E-05	4.04E-04	4.52E-05	1.02E-05	5.08E-04	4.49E-05	0.00E+00	6.03E-07	2.78E-07	4.58E-05	5.71E-05	4.04E-04	4.52E-05	1.02E-05	5.16E-04
5251	494363.09, 3865377.25	0.01228	0.01853	0.00529	0.00321	4.96E-05	5.53E-04	3.37E-05	1.01E-05	6.46E-04	4.51E-05	0.00E+00	4.50E-07	2.76E-07	4.59E-05	5.74E-05	5.53E-04	3.37E-05	1.01E-05	6.54E-04
5252	494863.09, 3865377.25	0.01315	0.01958	0.00446	0.00307	5.32E-05	5.84E-04	2.84E-05	9.69E-06	6.75E-04	4.83E-05	0.00E+00	3.79E-07	2.64E-07	4.90E-05	6.15E-05	5.84E-04	2.84E-05	9.69E-06	6.84E-04
5253	495363.09, 3865377.25	0.01401	0.01951	0.00438	0.00288	5.66E-05	5.82E-04	2.79E-05	9.09E-06	6.76E-04	5.15E-05	0.00E+00	3.73E-07	2.48E-07	5.21E-05	6.55E-05	5.82E-04	2.79E-05	9.09E-06	6.85E-04
5254	495863.09, 3865377.25	0.01427	0.01997	0.00486	0.00278	5.77E-05	5.96E-04	3.10E-05	8.78E-06	6.93E-04	5.25E-05	0.00E+00	4.13E-07	2.39E-07	5.31E-05	6.67E-05	5.96E-04	3.10E-05	8.78E-06	7.02E-04
5255	496363.09, 3865377.25	0.01402	0.01981	0.00508	0.00277	5.67E-05	5.91E-04	3.24E-05	8.75E-06	6.89E-04	5.15E-05	0.00E+00	4.32E-07	2.39E-07	5.22E-05	6.56E-05	5.91E-04	3.24E-05	8.75E-06	6.98E-04
5256	496863.09, 3865377.25	0.01339	0.01995	0.00479	0.00284	5.41E-05	5.95E-04	3.06E-05	8.97E-06	6.89E-04	4.92E-05	0.00E+00	4.07E-07	2.45E-07	4.99E-05	6.26E-05	5.95E-04	3.06E-05	8.97E-06	6.97E-04
5257	497363.09, 3865377.25	0.0127	0.02082	0.0044	0.00291	5.13E-05	6.21E-04	2.81E-05	9.19E-06	7.10E-04	4.67E-05	0.00E+00	3.74E-07	2.51E-07	4.73E-05	5.94E-05	6.21E-04	2.81E-05	9.19E-06	7.18E-04
5258	497863.09, 3865377.25	0.01229	0.02135	0.00417	0.00298	4.97E-05	6.37E-04	2.66E-05	9.41E-06	7.23E-04	4.52E-05	0.00E+00	3.55E-07	2.57E-07	4.58E-05	5.75E-05	6.37E-04	2.66E-05	9.41E-06	7.30E-04
5259	498363.09, 3865377.25	0.01222	0.02157	0.00409	0.00299	4.94E-05	6.44E-04	2.61E-05	9.44E-06	7.28E-04	4.49E-05	0.00E+00	3.48E-07	2.57E-07	4.55E-05	5.71E-05	6.44E-04	2.61E-05	9.44E-06	7.36E-04
5260	471363.09, 3865877.25	0.00628	0.00785	0.00358	0.00258	2.54E-05	2.34E-04	2.28E-05	8.15E-06	2.91E-04	2.31E-05	0.00E+00	3.04E-07	2.22E-07	2.36E-05	2.94E-05	2.34E-04	2.28E-05	8.15E-06	2.95E-04
5261	471863.09, 3865877.25	0.00641	0.00819	0.00374	0.00261	2.59E-05	2.44E-04	2.39E-05	8.24E-06	3.02E-04	2.36E-05	0.00E+00	3.18E-07	2.25E-07	2.41E-05	3.00E-05	2.44E-04	2.39E-05	8.24E-06	3.06E-04
5262	472363.09, 3865877.25	0.00662	0.00847	0.0039	0.00262	2.68E-05	2.53E-04	2.49E-05	8.27E-06	3.13E-04	2.43E-05	0.00E+00	3.32E-07	2.26E-07	2.49E-05	3.10E-05	2.53E-04	2.49E-05	8.27E-06	3.17E-04
5263	472863.09, 3865877.25	0.00677	0.00882	0.00402	0.00263	2.74E-05	2.63E-04	2.56E-05	8.30E-06	3.24E-04	2.49E-05	0.00E+00	3.42E-07	2.26E-07	2.55E-05	3.17E-05	2.63E-04	2.56E-05	8.30E-06	3.29E-04
5264	473363.09, 3865877.25	0.00695	0.00913	0.00406	0.00263	2.81E-05	2.72E-04	2.59E-05	8.30E-06	3.35E-04	2.56E-05	0.00E+00	3.45E-07	2.26E-07	2.61E-05	3.25E-05	2.72E-04	2.59E-05	8.30E-06	3.39E-04
5265	473863.09, 3865877.25	0.00713	0.00942	0.00411	0.00262	2.88E-05	2.81E-04	2.62E-05	8.27E-06	3.44E-04	2.62E-05	0.00E+00	3.50E-07	2.26E-07	2.68E-05	3.33E-05	2.81E-04	2.62E-05	8.27E-06	3.49E-04
5266	474363.09, 3865877.25	0.00731	0.0097	0.00412	0.00261	2.95E-05	2.89E-04	2.63E-05	8.24E-06	3.53E-04	2.69E-05	0.00E+00	3.50E-07	2.25E-07	2.75E-05	3.42E-05	2.89E-04	2.63E-05	8.24E-06	3.58E-04
5267	474863.09, 3865877.25	0.00753	0.01	0.00416	0.00263	3.04E-05	2.98E-04	2.65E-05	8.30E-06	3.64E-04	2.77E-05	0.00E+00	3.54E-07	2.26E-07	2.83E-05	3.52E-05	2.98E-04	2.65E-05	8.30E-06	3.68E-04
5268	475363.09, 3865877.25	0.00779	0.01035	0.00417	0.00267	3.15E-05	3.09E-04	2.66E-05	8.43E-06	3.75E-04	2.86E-05	0.00E+00	3.55E-07	2.30E-07	2.92E-05	3.64E-05	3.09E-04	2.66E-05	8.43E-06	3.80E-04
5269	475863.09, 3865877.25	0.00812	0.01074	0.00422	0.00273	3.28E-05	3.20E-04	2.69E-05	8.62E-06	3.89E-04	2.99E-05	0.00E+00	3.59E-07	2.35E-07	3.04E-05	3.80E-05	3.20E-04	2.69E-05	8.62E-06	3.94E-04
5270	476363.09, 3865877.25	0.00861	0.01081	0.00441	0.00276	3.48E-05	3.22E-04	2.81E-05	8.71E-06	3.94E-04	3.17E-05	0.00E+00	3.75E-07	2.38E-07	3.23E-05	4.03E-05	3.22E-04	2.81E-05	8.71E-06	4.00E-04
5271	476863.09, 3865877.25	0.00892	0.0104	0.00459	0.00286	3.61E-05	3.10E-04	2.93E-05	9.03E-06	3.85E-04	3.28E-05	0.00E+00	3.90E-07	2.46E-07	3.34E-05	4.17E-05	3.10E-04	2.93E-05	9.03E-06	3.90E-04
5272	477363.09, 3865877.25	0.0092	0.01183	0.00458	0.00289	3.72E-05	3.53E-04	2.92E-05	9.12E-06	4.28E-04	3.38E-05	0.00E+00	3.90E-07	2.49E-07	3.45E-05	4.30E-05	3.53E-04	2.92E-05	9.12E-06	4.34E-04
5273	477863.09, 3865877.25	0.00948	0.0123	0.00446	0.00301	3.83E-05	3.67E-04	2.84E-05	9.50E-06	4.43E-04	3.49E-05	0.00E+00	3.79E-07	2.59E-07	3.55E-05	4.43E-05	3.67E-04	2.84E-05	9.50E-06	4.49E-04
5274	478363.09, 3865877.25	0.00994	0.01257	0.00433	0.00306	4.02E-05	3.75E-04	2.76E-05	9.66E-06	4.52E-04	3.65E-05	0.00E+00	3.68E-07	2.63E-07	3.72E-05	4.65E-05	3.75E-04	2.76E-05	9.66E-06	4.59E-04
5275	478863.09, 3865877.25	0.0104	0.0128	0.00405	0.00305	4.20E-05	3.82E-04	2.58E-05	9.63E-06	4.59E-04	3.82E-05	0.00E+00	3.44E-07	2.63E-07	3.88E-05	4.86E-05	3.82E-04	2.58E-05	9.63E-06	4.66E-04
5276	479363.09, 3865877.25	0.01081	0.0131	0.00372	0.00299	4.37E-05	3.91E-04	2.37E-05	9.44E-06	4.68E-04	3.97E-05	0.00E+00	3.16E-07	2.57E-07	4.03E-05	5.06E-05	3.91E-04	2.37E-05	9.44E-06	4.75E-04
5277	479863.09, 3865877.25	0.01106	0.01354	0.00346	0.00289	4.47E-05	4.04E-04	2.21E-05	9.12E-06	4.80E-04	4.07E-05	0.00E+00	2.94E-07	2.49E-07	4.12E-05	5.17E-05	4.04E-04	2.21E-05	9.12E-06	4.87E-04
5278	480363.09, 3865877.25	0.01117	0.01409	0.00331	0.0028	4.52E-05	4.20E-04	2.11E-05	8.84E-06	4.95E-04	4.11E-05	0.00E+00	2.82E-07	2.41E-07	4.16E-05	5.22E-05	4.20E-04	2.11E-05	8.84E-06	5.03E-04
5279	480863.09, 3865877.25	0.01122	0.01464	0.00321	0.00276	4.54E-05	4.37E-04	2.05E-05	8.71E-06	5.11E-04	4.13E-05	0.00E+00	2.73E-07	2.38E-07	4.18E-05	5.25E-05	4.37E-04	2.05E-05	8.71E-06	5.18E-04
5280	481363.09, 3865877.25	0.01126	0.01512	0.00308	0.00271	4.55E-05	4.51E-04	1.96E-05	8.56E-06	5.25E-04	4.14E-05	0.00E+00	2.62E-07	2.33E-07	4.19E-05	5.27E-05	4.51E-04	1.96E-05	8.56E-06	5.32E-04
5281	481863.09, 3865877.25	0.01139	0.01564	0.00292	0.00268	4.60E-05	4.67E-04	1.86E-05	8.46E-06	5.40E-04	4.19E-05	0.00E+00	2.48E-07	2.31E-07	4.24E-05	5.33E-05	4.67E-04	1.86E-05	8.46E-06	5.47E-04
5282	482363.09, 3865877.25	0.01148	0.01633	0.00295	0.00273	4.64E-05	4.87E-04	1.88E-05	8.62E-06	5.61E-04	4.22E-05	0.00E+00	2.51E-07	2.35E-07	4.27E-05	5.37E-05	4.87E-04	1.88E-05	8.62E-06	5.68E-04
5283	482863.09, 3865877.25	0.01138	0.01708	0.00354	0.00284	4.60E-05	5.10E-04	2.26E-05	8.97E-06	5.87E-04	4.18E-05	0.00E+00	3.01E-07	2.45E-07	4.24E-05	5.32E-05	5.10E-04	2.26E-05	8.97E-06	5.94E-04
5284	483363.09, 3865877.25	0.01135	0.01744	0.00448	0.0029	4.59E-05	5.20E-04	2.86E-05	9.16E-06	6.04E-04	4.17E-05	0.00E+00	3.81E-07	2.50E-07	4.24E-05	5.31E-05	5.20E-04	2.86E-05	9.16E-06	6.11E-04
5285	483863.09, 3865877.25	0.0116	0.01755	0.00457	0.00284	4.69E-05	5.24E-04	2.91E-05	8.97E-06	6.09E-04	4.26E-05	0.00E+00	3.89E-07	2.45E-07	4.33E-05	5.42E-05	5.24E-04	2.91E-05	8.97E-06	6.16E-04
5286	484363.09, 3865877.25	0.01176	0.01796	0.0036	0.00281	4.75E-05	5.36E-04	2.30E-05	8.87E-06	6.15E-04	4.32E-05	0.00E+00	3.06E-07	2.42E-07	4.38E-05	5.50E-05	5.36E-04	2.30E-05	8.87E-06	6.23E-04
5287	484863.09, 3865877.25	0.01147	0.01849	0.00287	0.00281	4.64E-05	5.52E-04	1.83E-05	8.87E-06	6.25E-04	4.22E-05	0.00E+00	2.44E-07	2.42E-07	4.27E-05	5.36E-05	5.52E-04	1.83E-05	8.87E-06	6.32E-04
5288	485363.09, 3865877.25	0.011	0.01855	0.00301	0.00264	4.45E-05	5.53E-04	1.92E-05	8.34E-06	6.25E-04	4.04E-05	0.00E+00	2.56E-07	2.27E-07	4.09E-05	5.14E-05	5.53E-04	1.92E-05	8.34E-06	6.32E-04
5289	485863.09, 3865877.25	0.01061	0.0183	0.00292	0.00251	4.29E-05	5.46E-04	1.86E-05	7.93E-06	6.15E-04	3.90E-05	0.00E+00	2.48E-07	2.16E-07	3.95E-05	4.96E-05	5.46E-04	1.86E-05	7.93E-06	6.22E-04
5290	486363.09, 3865877.25	0.01022	0.01872	0.00284	0.00256	4.13E-05	5.58E-04	1.81E-05	8.08E-06	6.26E-04	3.76E-05	0.00E+00	2.42E-07	2.20E-07	3.80E-05	4.78E-05	5.58E-04	1.81E-05	8.08E-06	6.32E-04
5291	486863.09, 3865877.25	0.00992	0.01862	0.00349	0.00256	4.01E-05	5.55E-04	2.23E-05	8.08E-06	6.26E-04	3.65E-05	0.00E+00	2.97E-07	2.20E-07	3.70E-05	4.64E-05	5.55E-04	2.23E-05	8.08E-06	6.32E-04
5292	487363.09, 3865877.25	0.01002	0.0181	0.00418	0.0026	4.05E-05	5.40E-04	2.67E-05	8.21E-06	6.15E-04	3.68E-05	0.00E+00	3.55E-07	2.24E-07	3.74E-05	4.69E-05	5.40E-04	2.67E-05	8.21E-06	6.22E-04
5293	487863.09, 3865877.25	0.0106	0.01786	0.00436	0.00265	4.28E-05	5.33E-04	2.78E-05	8.37E-06	6.12E-04	3.90E-05	0.00E+00	3.71E-07	2.28E-07	3.96E-05	4.96E-05	5.33E-04	2.78E-05	8.37E-06	6.19E-04
5294	488363.09, 3865877.25	0.01107	0.01756	0.00406	0.00263	4.47E-05	5.24E-04	2.59E-05	8.30E-06	6.03E-04	4.07E-05	0.00E+00	3.45E-07	2.26E-07	4.13E-05	5.18E-05	5.24E-04	2.59E-05	8.30E-06	6.10E-04
5295	488863.09, 3865877.25	0.0113	0.01754	0.00318	0.00248	4.57E-05	5.23E-04	2.03E-05	7.83E-06	5.97E-04	4.15E-05	0.00E+00	2.70E-07	2.14E-07	4.20E-05	5.28E-05	5.23E-04	2.03E-05	7.83E-06	6.04E-04
5296	489363.09, 3865877.25	0.01116	0.01795	0.00269	0.00238	4.51E-05	5.36E-04	1.72E-05	7.51E-06	6.05E-04	4.10E-05	0.00E+00	2.29E-07	2.05E-07	4.15E-05	5.22E-05	5.36E-04	1.72E-05	7.51E-06	6.12E-04
5297	489863.09, 3865877.25	0.01077	0.0183	0.00286	0.00243	4.35E-05	5.46E-04	1.82E-05	7.67E-06	6.15E-04	3.96E-05	0.00E+00	2.43E-07	2.09E-07	4.00E-05	5.04E-05	5.46E-04	1.82E-05	7.67E-06	6.22E-04
5298	490363.09, 3865877.25	0.01069	0.01807	0.0029	0.00241	4.32E-05	5.39E-04	1.85E-05	7.61E-06	6.08E-04	3.93E-05	0.00E+00	2.47E-07	2.08E-07	3.98E-05	5.00E-05	5.39E-04	1.85E-05	7.61E-06	6.15E-04
5299	490863.09, 3865877.25	0.01101	0.01721	0.00227	0.00244	4.45E-05	5.13E-04	1.45E-05	7.70E-06	5.80E-04	4.05E-05	0.00E+00	1.93E-07	2.10E-07	4.09E-05	5.15E-05	5.13E-04	1.45E-05	7.70E-06	5.87E-04
5300	491363.09, 3865877.25	0.01167	0.01588	0.00216	0.00259	4.72E-05	4.74E-04	1.38E-05	8.18E-06	5.43E-04	4.29E-05	0.00E+00	1.84E-07	2.23E-07	4.33E-05	5.46E-05	4.74E-04	1.38E-05	8.18E-06	5.50E-04
5301	491863.09, 3865877.25	0.01217	0.01565	0.00238	0.00284	4.92E-05	4.67E-04	1.52E-05	8.97E-06	5.40E-04	4.47E-05	0.00E+00	2.02E-07	2.45E-07	4.52E-05	5.69E-05	4.67E-04	1.52E-05	8.97E-06	5.48E-04
5302	492363.09, 3865877.25	0.01154	0.01446	0.00277	0.00314	4.66E-05	4.31E-04	1.77E-05	9.91E-06	5.06E-04	4.24E-05	0.00E+00	2.36E-07	2.70E-07	4.29E-05	5.40E-05	4.31E-04	1.77E-05	9.91E-06	5.13E-04
5303	492863.09, 3865877.25	0.0097	0.00944	0.00337	0.00308	3.92E-05	2.82E-04	2.15E-05	9.72E-06	3.52E-04	3.57E-05	0.00E+00	2.87E-07	2.65E-07	3.62E-05	4.54E-05	2.82E-04	2.15E-05	9.72E-06	3.58E-04
5304	493363.09, 3865877.25	0.01039	0.00966	0.00437	0.00309	4.20E-05	2.88E-04	2.79E-05	9.76E-06	3.68E-04	3.82E-05	0.00E+00	3.72E-07	2.66E-07	3.88E-05	4.86E-05	2.88E-04	2.79E-05	9.76E-06	3.74E-04
5305	493863.09, 3865877.25	0.01183	0.01246	0.00512	0.00294	4.78E-05	3.72E-04	3.27E-05	9.28E-06	4.61E-04	4.35E-05	0.00E+00	4.35E-07	2.53E-07	4.42E-05	5.53E-05	3.72E-04	3.27E-05	9.28E-06	4.69E-04
5306	494363.09, 3865877.25	0.01192	0.01604	0.00525	0.00294	4.82E-05	4.79E-04	3.35E-05	9.28E-06	5.69E-04	4.38E-05	0.00E+00	4.46E-07	2.53E-07	4.45E-05	5.57E-05	4.79E-04	3.35E-05	9.28E-06	5.77E-04

5307	494863.09, 3865877.25	0.01186	0.01866	0.00449	0.00294	4.79E-05	5.57E-04	2.86E-05	9.28E-06	6.43E-04	4.36E-05	0.00E+00	3.82E-07	2.53E-07	4.42E-05	5.55E-05	5.57E-04	2.86E-05	9.28E-06	6.50E-04
5308	495363.09, 3865877.25	0.0122	0.01819	0.00414	0.00287	4.93E-05	5.43E-04	2.64E-05	9.06E-06	6.27E-04	4.49E-05	0.00E+00	3.52E-07	2.47E-07	4.55E-05	5.71E-05	5.43E-04	2.64E-05	9.06E-06	6.35E-04
5309	495863.09, 3865877.25	0.01282	0.01723	0.00409	0.00271	5.18E-05	5.14E-04	2.61E-05	8.56E-06	6.00E-04	4.71E-05	0.00E+00	3.48E-07	2.33E-07	4.77E-05	6.00E-05	5.14E-04	2.61E-05	8.56E-06	6.09E-04
5310	496363.09, 3865877.25	0.01324	0.01665	0.0045	0.00258	5.35E-05	4.97E-04	2.87E-05	8.15E-06	5.87E-04	4.87E-05	0.00E+00	3.83E-07	2.22E-07	4.93E-05	6.19E-05	4.97E-04	2.87E-05	8.15E-06	5.95E-04
5311	496863.09, 3865877.25	0.01302	0.01629	0.00483	0.00258	5.26E-05	4.86E-04	3.08E-05	8.15E-06	5.78E-04	4.79E-05	0.00E+00	4.11E-07	2.22E-07	4.85E-05	6.09E-05	4.86E-04	3.08E-05	8.15E-06	5.86E-04
5312	497363.09, 3865877.25	0.01239	0.01711	0.00457	0.00262	5.01E-05	5.10E-04	2.91E-05	8.27E-06	5.98E-04	4.56E-05	0.00E+00	3.89E-07	2.26E-07	4.62E-05	5.79E-05	5.10E-04	2.91E-05	8.27E-06	6.06E-04
5313	497863.09, 3865877.25	0.0118	0.01773	0.00411	0.0027	4.77E-05	5.29E-04	2.62E-05	8.52E-06	6.11E-04	4.34E-05	0.00E+00	3.50E-07	2.32E-07	4.40E-05	5.52E-05	5.29E-04	2.62E-05	8.52E-06	6.19E-04
5314	498363.09, 3865877.25	0.01122	0.01741	0.00373	0.00282	4.54E-05	5.19E-04	2.38E-05	8.90E-06	5.97E-04	4.13E-05	0.00E+00	3.17E-07	2.43E-07	4.18E-05	5.25E-05	5.19E-04	2.38E-05	8.90E-06	6.05E-04
5315	471363.09, 3866377.25	0.00597	0.00769	0.00368	0.0025	2.41E-05	2.29E-04	2.35E-05	7.89E-06	2.85E-04	2.19E-05	0.00E+00	3.13E-07	2.15E-07	2.25E-05	2.79E-05	2.29E-04	2.35E-05	7.89E-06	2.89E-04
5316	471863.09, 3866377.25	0.00617	0.00792	0.00387	0.0025	2.49E-05	2.36E-04	2.47E-05	7.89E-06	2.94E-04	2.27E-05	0.00E+00	3.29E-07	2.15E-07	2.32E-05	2.89E-05	2.36E-04	2.47E-05	7.89E-06	2.98E-04
5317	472363.09, 3866377.25	0.00635	0.00815	0.00395	0.00249	2.57E-05	2.43E-04	2.52E-05	7.86E-06	3.02E-04	2.33E-05	0.00E+00	3.36E-07	2.14E-07	2.39E-05	2.97E-05	2.43E-04	2.52E-05	7.86E-06	3.06E-04
5318	472863.09, 3866377.25	0.00648	0.00843	0.00387	0.00249	2.62E-05	2.51E-04	2.47E-05	7.86E-06	3.10E-04	2.38E-05	0.00E+00	3.29E-07	2.14E-07	2.44E-05	3.03E-05	2.51E-04	2.47E-05	7.86E-06	3.14E-04
5319	473363.09, 3866377.25	0.00663	0.00866	0.0039	0.00248	2.68E-05	2.58E-04	2.49E-05	7.83E-06	3.18E-04	2.44E-05	0.00E+00	3.32E-07	2.14E-07	2.49E-05	3.10E-05	2.58E-04	2.49E-05	7.83E-06	3.22E-04
5320	473863.09, 3866377.25	0.00676	0.00891	0.0039	0.00248	2.73E-05	2.66E-04	2.49E-05	7.83E-06	3.26E-04	2.49E-05	0.00E+00	3.32E-07	2.14E-07	2.54E-05	3.16E-05	2.66E-04	2.49E-05	7.83E-06	3.30E-04
5321	474363.09, 3866377.25	0.00693	0.00918	0.00391	0.0025	2.80E-05	2.74E-04	2.49E-05	7.89E-06	3.35E-04	2.55E-05	0.00E+00	3.33E-07	2.15E-07	2.60E-05	3.24E-05	2.74E-04	2.49E-05	7.89E-06	3.39E-04
5322	474863.09, 3866377.25	0.00717	0.00948	0.00396	0.00254	2.90E-05	2.83E-04	2.53E-05	8.02E-06	3.45E-04	2.64E-05	0.00E+00	3.37E-07	2.19E-07	2.69E-05	3.35E-05	2.83E-04	2.53E-05	8.02E-06	3.50E-04
5323	475363.09, 3866377.25	0.00744	0.0098	0.00398	0.00259	3.01E-05	2.92E-04	2.54E-05	8.18E-06	3.56E-04	2.74E-05	0.00E+00	3.38E-07	2.23E-07	2.79E-05	3.48E-05	2.92E-04	2.54E-05	8.18E-06	3.61E-04
5324	475863.09, 3866377.25	0.00773	0.01015	0.00401	0.00264	3.12E-05	3.03E-04	2.56E-05	8.34E-06	3.68E-04	2.84E-05	0.00E+00	3.41E-07	2.27E-07	2.90E-05	3.62E-05	3.03E-04	2.56E-05	8.34E-06	3.73E-04
5325	476363.09, 3866377.25	0.00817	0.01035	0.00428	0.00269	3.30E-05	3.09E-04	2.73E-05	8.49E-06	3.78E-04	3.00E-05	0.00E+00	3.64E-07	2.32E-07	3.06E-05	3.82E-05	3.09E-04	2.73E-05	8.49E-06	3.83E-04
5326	476863.09, 3866377.25	0.00843	0.00942	0.0045	0.00279	3.41E-05	2.81E-04	2.87E-05	8.81E-06	3.53E-04	3.10E-05	0.00E+00	3.83E-07	2.40E-07	3.16E-05	3.94E-05	2.81E-04	2.87E-05	8.81E-06	3.58E-04
5327	477363.09, 3866377.25	0.00885	0.01056	0.00441	0.0028	3.58E-05	3.15E-04	2.81E-05	8.84E-06	3.88E-04	3.25E-05	0.00E+00	3.75E-07	2.41E-07	3.32E-05	4.14E-05	3.15E-04	2.81E-05	8.84E-06	3.93E-04
5328	477863.09, 3866377.25	0.00914	0.01126	0.00418	0.00292	3.69E-05	3.36E-04	2.67E-05	9.22E-06	4.09E-04	3.36E-05	0.00E+00	3.55E-07	2.51E-07	3.42E-05	4.27E-05	3.36E-04	2.67E-05	9.22E-06	4.15E-04
5329	478363.09, 3866377.25	0.00947	0.01152	0.00379	0.00289	3.83E-05	3.44E-04	2.42E-05	9.12E-06	4.15E-04	3.48E-05	0.00E+00	3.22E-07	2.49E-07	3.54E-05	4.43E-05	3.44E-04	2.42E-05	9.12E-06	4.21E-04
5330	478863.09, 3866377.25	0.00984	0.01181	0.00348	0.00285	3.98E-05	3.52E-04	2.22E-05	9.00E-06	4.23E-04	3.62E-05	0.00E+00	2.96E-07	2.45E-07	3.67E-05	4.60E-05	3.52E-04	2.22E-05	9.00E-06	4.30E-04
5331	479363.09, 3866377.25	0.01016	0.01222	0.00327	0.00278	4.11E-05	3.65E-04	2.09E-05	8.78E-06	4.35E-04	3.74E-05	0.00E+00	2.78E-07	2.39E-07	3.79E-05	4.75E-05	3.65E-04	2.09E-05	8.78E-06	4.42E-04
5332	479863.09, 3866377.25	0.01037	0.01271	0.00315	0.00269	4.19E-05	3.79E-04	2.01E-05	8.49E-06	4.50E-04	3.81E-05	0.00E+00	2.68E-07	2.32E-07	3.86E-05	4.85E-05	3.79E-04	2.01E-05	8.49E-06	4.56E-04
5333	480363.09, 3866377.25	0.01045	0.01316	0.00306	0.00262	4.22E-05	3.93E-04	1.95E-05	8.27E-06	4.63E-04	3.84E-05	0.00E+00	2.60E-07	2.26E-07	3.89E-05	4.89E-05	3.93E-04	1.95E-05	8.27E-06	4.69E-04
5334	480863.09, 3866377.25	0.01043	0.01354	0.00294	0.00255	4.22E-05	4.04E-04	1.88E-05	8.05E-06	4.73E-04	3.83E-05	0.00E+00	2.50E-07	2.20E-07	3.88E-05	4.88E-05	4.04E-04	1.88E-05	8.05E-06	4.80E-04
5335	481363.09, 3866377.25	0.01044	0.01396	0.00279	0.0025	4.22E-05	4.16E-04	1.78E-05	7.89E-06	4.84E-04	3.84E-05	0.00E+00	2.37E-07	2.15E-07	3.88E-05	4.88E-05	4.16E-04	1.78E-05	7.89E-06	4.91E-04
5336	481863.09, 3866377.25	0.01049	0.0145	0.00274	0.00251	4.24E-05	4.33E-04	1.75E-05	7.93E-06	5.00E-04	3.86E-05	0.00E+00	2.33E-07	2.16E-07	3.90E-05	4.91E-05	4.33E-04	1.75E-05	7.93E-06	5.07E-04
5337	482363.09, 3866377.25	0.01051	0.01517	0.00312	0.00259	4.25E-05	4.53E-04	1.99E-05	8.18E-06	5.23E-04	3.86E-05	0.00E+00	2.65E-07	2.23E-07	3.91E-05	4.92E-05	4.53E-04	1.99E-05	8.18E-06	5.30E-04
5338	482863.09, 3866377.25	0.01044	0.01567	0.00399	0.00269	4.22E-05	4.67E-04	2.55E-05	8.49E-06	5.44E-04	3.84E-05	0.00E+00	3.39E-07	2.32E-07	3.90E-05	4.88E-05	4.67E-04	2.55E-05	8.49E-06	5.50E-04
5339	483363.09, 3866377.25	0.01051	0.01581	0.00454	0.0027	4.25E-05	4.72E-04	2.90E-05	8.52E-06	5.52E-04	3.86E-05	0.00E+00	3.86E-07	2.32E-07	3.93E-05	4.92E-05	4.72E-04	2.90E-05	8.52E-06	5.58E-04
5340	483863.09, 3866377.25	0.01077	0.01594	0.00397	0.00269	4.35E-05	4.76E-04	2.53E-05	8.49E-06	5.53E-04	3.96E-05	0.00E+00	3.38E-07	2.32E-07	4.02E-05	5.04E-05	4.76E-04	2.53E-05	8.49E-06	5.60E-04
5341	484363.09, 3866377.25	0.01079	0.01631	0.00302	0.00272	4.36E-05	4.87E-04	1.93E-05	8.59E-06	5.58E-04	3.97E-05	0.00E+00	2.57E-07	2.34E-07	4.02E-05	5.05E-05	4.87E-04	1.93E-05	8.59E-06	5.65E-04
5342	484863.09, 3866377.25	0.01055	0.01664	0.00275	0.00266	4.26E-05	4.96E-04	1.75E-05	8.40E-06	5.65E-04	3.88E-05	0.00E+00	2.34E-07	2.29E-07	3.93E-05	4.93E-05	4.96E-04	1.75E-05	8.40E-06	5.72E-04
5343	485363.09, 3866377.25	0.01013	0.01636	0.00296	0.00242	4.09E-05	4.88E-04	1.89E-05	7.64E-06	5.56E-04	3.72E-05	0.00E+00	2.52E-07	2.08E-07	3.77E-05	4.74E-05	4.88E-04	1.89E-05	7.64E-06	5.62E-04
5344	485863.09, 3866377.25	0.00976	0.01624	0.00271	0.00235	3.95E-05	4.84E-04	1.73E-05	7.42E-06	5.49E-04	3.59E-05	0.00E+00	2.30E-07	2.02E-07	3.63E-05	4.56E-05	4.84E-04	1.73E-05	7.42E-06	5.55E-04
5345	486363.09, 3866377.25	0.00939	0.01676	0.00277	0.00243	3.80E-05	5.00E-04	1.77E-05	7.67E-06	5.63E-04	3.45E-05	0.00E+00	2.36E-07	2.09E-07	3.50E-05	4.39E-05	5.00E-04	1.77E-05	7.67E-06	5.69E-04
5346	486863.09, 3866377.25	0.00912	0.01662	0.00346	0.00244	3.69E-05	4.96E-04	2.21E-05	7.70E-06	5.62E-04	3.35E-05	0.00E+00	2.94E-07	2.10E-07	3.40E-05	4.27E-05	4.96E-04	2.21E-05	7.70E-06	5.68E-04
5347	487363.09, 3866377.25	0.00936	0.01632	0.00416	0.00257	3.78E-05	4.87E-04	2.65E-05	8.11E-06	5.59E-04	3.44E-05	0.00E+00	3.54E-07	2.21E-07	3.50E-05	4.38E-05	4.87E-04	2.65E-05	8.11E-06	5.65E-04
5348	487863.09, 3866377.25	0.00997	0.016	0.00445	0.00257	4.03E-05	4.77E-04	2.84E-05	8.11E-06	5.54E-04	3.67E-05	0.00E+00	3.78E-07	2.21E-07	3.73E-05	4.66E-05	4.77E-04	2.84E-05	8.11E-06	5.60E-04
5349	488363.09, 3866377.25	0.01044	0.01568	0.00416	0.00253	4.22E-05	4.68E-04	2.65E-05	7.99E-06	5.45E-04	3.84E-05	0.00E+00	3.54E-07	2.18E-07	3.90E-05	4.88E-05	4.68E-04	2.65E-05	7.99E-06	5.51E-04
5350	488863.09, 3866377.25	0.01079	0.01522	0.00329	0.00234	4.36E-05	4.54E-04	2.10E-05	7.39E-06	5.26E-04	3.97E-05	0.00E+00	2.80E-07	2.01E-07	4.02E-05	5.05E-05	4.54E-04	2.10E-05	7.39E-06	5.33E-04
5351	489363.09, 3866377.25	0.01072	0.01531	0.0026	0.0022	4.33E-05	4.57E-04	1.66E-05	6.95E-06	5.24E-04	3.94E-05	0.00E+00	2.21E-07	1.89E-07	3.98E-05	5.01E-05	4.57E-04	1.66E-05	6.95E-06	5.30E-04
5352	489863.09, 3866377.25	0.01036	0.01477	0.00293	0.00234	4.19E-05	4.41E-04	1.87E-05	7.39E-06	5.09E-04	3.81E-05	0.00E+00	2.49E-07	2.01E-07	3.85E-05	4.84E-05	4.41E-04	1.87E-05	7.39E-06	5.15E-04
5353	490363.09, 3866377.25	0.0099	0.01621	0.00296	0.00225	4.00E-05	4.84E-04	1.89E-05	7.10E-06	5.50E-04	3.64E-05	0.00E+00	2.52E-07	1.94E-07	3.68E-05	4.63E-05	4.84E-04	1.89E-05	7.10E-06	5.56E-04
5354	490863.09, 3866377.25	0.00982	0.01607	0.00238	0.00228	3.97E-05	4.79E-04	1.52E-05	7.20E-06	5.41E-04	3.61E-05	0.00E+00	2.02E-07	1.96E-07	3.65E-05	4.59E-05	4.79E-04	1.52E-05	7.20E-06	5.48E-04
5355	491363.09, 3866377.25	0.01032	0.01602	0.00209	0.00235	4.17E-05	4.78E-04	1.33E-05	7.42E-06	5.40E-04	3.79E-05	0.00E+00	1.78E-07	2.02E-07	3.83E-05	4.83E-05	4.78E-04	1.33E-05	7.42E-06	5.47E-04
5356	491863.09, 3866377.25	0.01108	0.01284	0.00213	0.00258	4.48E-05	3.83E-04	1.36E-05	8.15E-06	4.50E-04	4.07E-05	0.00E+00	1.81E-07	2.22E-07	4.11E-05	5.18E-05	3.83E-04	1.36E-05	8.15E-06	4.57E-04
5357	492363.09, 3866377.25	0.01112	0.01318	0.00239	0.0028	4.49E-05	3.93E-04	1.52E-05	8.84E-06	4.62E-04	4.09E-05	0.00E+00	2.03E-07	2.41E-07	4.13E-05	5.20E-05	3.93E-04	1.52E-05	8.84E-06	4.69E-04
5358	492863.09, 3866377.25	0.00993	0.01094	0.00284	0.00309	4.01E-05	3.26E-04	1.81E-05	9.76E-06	3.94E-04	3.65E-05	0.00E+00	2.42E-07	2.66E-07	3.70E-05	4.64E-05	3.26E-04	1.81E-05	9.76E-06	4.01E-04
5359	493363.09, 3866377.25	0.01008	0.0117	0.00354	0.00308	4.07E-05	3.49E-04	2.26E-05	9.72E-06	4.22E-04	3.71E-05	0.00E+00	3.01E-07	2.65E-07	3.76E-05	4.71E-05	3.49E-04	2.26E-05	9.72E-06	4.28E-04
5360	493863.09, 3866377.25	0.01103	0.01315	0.00412	0.00291	4.46E-05	3.92E-04	2.63E-05	9.19E-06	4.72E-04	4.06E-05	0.00E+00	3.50E-07	2.51E-07	4.12E-05	5.16E-05	3.92E-04	2.63E-05	9.19E-06	4.79E-04
5361	494363.09, 3866377.25	0.01143	0.01569	0.00426	0.00267	4.62E-05	4.68E-04	2.72E-05	8.43E-06	5.50E-04	4.20E-05	0.00E+00	3.62E-07	2.30E-07	4.26E-05	5.35E-05	4.68E-04	2.72E-05	8.43E-06	5.57E-04
5362	494863.09, 3866377.25	0.011	0.01614	0.00451	0.0027	4.45E-05	4.82E-04	2.88E-05	8.52E-06	5.63E-04	4.04E-05	0.00E+00	3.84E-07	2.32E-07	4.11E-05	5.14E-05	4.82E-04	2.88E-05	8.52E-06	5.70E-04
5363	495363.09, 3866377.25	0.01032	0.01564	0.00449	0.00279	4.17E-05	4.67E-04	2.86E-05	8.81E-06	5.46E-04	3.79E-05	0.00E+00	3.82E-07	2.40E-07	3.86E-05	4.83E-05	4.67E-04	2.86E-05	8.81E-06	5.52E-04
5364	495863.09, 3866377.25	0.01088	0.01476	0.004	0.00276	4.40E-05	4.40E-04	2.55E-05	8.71E-06	5.19E-04	4.00E-05	0.00E+00	3.40E-07	2.38E-07	4.06E-05	5.09E-05	4.40E-04	2.55E-05	8.71E-06	5.25E-04
5365	496363.09, 3866377.25	0.012	0.01406	0.00386	0.00257	4.85E-05	4.19E-04	2.46E-05	8.11E-06	5.01E-04	4.41E-05	0.00E+00	3.28E-07	2.21E-07	4.47E-05	5.61E-05	4.19E-04	2.46E-05	8.11E-06	5.08E-04

5366	496863.09, 3866377.25	0.01215	0.01322	0.00433	0.00241	4.91E-05	3.94E-04	2.76E-05	7.61E-06	4.79E-04	4.47E-05	0.00E+00	3.68E-07	2.08E-07	4.52E-05	5.68E-05	3.94E-04	2.76E-05	7.61E-06	4.86E-04
5367	497363.09, 3866377.25	0.01195	0.01347	0.00476	0.00246	4.83E-05	4.02E-04	3.04E-05	7.77E-06	4.88E-04	4.39E-05	0.00E+00	4.05E-07	2.12E-07	4.46E-05	5.59E-05	4.02E-04	3.04E-05	7.77E-06	4.96E-04
5368	497863.09, 3866377.25	0.01149	0.01429	0.00447	0.00252	4.64E-05	4.26E-04	2.85E-05	7.96E-06	5.09E-04	4.22E-05	0.00E+00	3.80E-07	2.17E-07	4.28E-05	5.37E-05	4.26E-04	2.85E-05	7.96E-06	5.17E-04
5369	498363.09, 3866377.25	0.01041	0.01259	0.00396	0.00264	4.21E-05	3.76E-04	2.53E-05	8.34E-06	4.51E-04	3.83E-05	0.00E+00	3.37E-07	2.27E-07	3.88E-05	4.87E-05	3.76E-04	2.53E-05	8.34E-06	4.58E-04
5370	474494.92, 3848334.16	0.00708	0.00398	0.00164	0.00231	2.86E-05	1.19E-04	1.05E-05	7.29E-06	1.65E-04	2.60E-05	0.00E+00	1.39E-07	1.99E-07	2.64E-05	3.31E-05	1.19E-04	1.05E-05	7.29E-06	1.70E-04
5371	475167.27, 3848920.79	0.00806	0.00444	0.00173	0.00247	3.26E-05	1.32E-04	1.10E-05	7.80E-06	1.84E-04	2.96E-05	0.00E+00	1.47E-07	2.13E-07	3.00E-05	3.77E-05	1.32E-04	1.10E-05	7.80E-06	1.89E-04
5372	475297.89, 3848997.96	0.00821	0.00451	0.00174	0.00249	3.32E-05	1.35E-04	1.11E-05	7.86E-06	1.87E-04	3.02E-05	0.00E+00	1.48E-07	2.14E-07	3.05E-05	3.84E-05	1.35E-04	1.11E-05	7.86E-06	1.92E-04
5373	475439.05, 3849062	0.00821	0.00442	0.00176	0.0025	3.32E-05	1.32E-04	1.12E-05	7.89E-06	1.84E-04	3.02E-05	0.00E+00	1.50E-07	2.15E-07	3.05E-05	3.84E-05	1.32E-04	1.12E-05	7.89E-06	1.89E-04
5374	475486.86, 3849061.09	0.00817	0.00438	0.00176	0.0025	3.30E-05	1.31E-04	1.12E-05	7.89E-06	1.83E-04	3.00E-05	0.00E+00	1.50E-07	2.15E-07	3.04E-05	3.82E-05	1.31E-04	1.12E-05	7.89E-06	1.88E-04
5375	475538.46, 3849075.56	0.00822	0.00443	0.00176	0.0025	3.32E-05	1.32E-04	1.12E-05	7.89E-06	1.85E-04	3.02E-05	0.00E+00	1.50E-07	2.15E-07	3.06E-05	3.84E-05	1.32E-04	1.12E-05	7.89E-06	1.90E-04
5376	475751.79, 3849137.15	0.00849	0.00482	0.00179	0.00252	3.43E-05	1.44E-04	1.14E-05	7.96E-06	1.97E-04	3.12E-05	0.00E+00	1.52E-07	2.17E-07	3.16E-05	3.97E-05	1.44E-04	1.14E-05	7.96E-06	2.03E-04
5377	476303.62, 3849223.38	0.00877	0.00589	0.00185	0.00252	3.55E-05	1.76E-04	1.18E-05	7.96E-06	2.31E-04	3.22E-05	0.00E+00	1.57E-07	2.17E-07	3.26E-05	4.10E-05	1.76E-04	1.18E-05	7.96E-06	2.36E-04
5378	476304.51, 3849238.92	0.00881	0.00588	0.00185	0.00252	3.56E-05	1.75E-04	1.18E-05	7.96E-06	2.31E-04	3.24E-05	0.00E+00	1.57E-07	2.17E-07	3.28E-05	4.12E-05	1.75E-04	1.18E-05	7.96E-06	2.36E-04
5379	476365.04, 3849247.98	0.00883	0.00603	0.00186	0.00252	3.57E-05	1.80E-04	1.19E-05	7.96E-06	2.35E-04	3.25E-05	0.00E+00	1.58E-07	2.17E-07	3.28E-05	4.13E-05	1.80E-04	1.19E-05	7.96E-06	2.41E-04
5380	476444.86, 3849267.13	0.00885	0.00612	0.00187	0.00252	3.58E-05	1.83E-04	1.19E-05	7.96E-06	2.38E-04	3.25E-05	0.00E+00	1.59E-07	2.17E-07	3.29E-05	4.14E-05	1.83E-04	1.19E-05	7.96E-06	2.44E-04
5381	476550.75, 3849300.66	0.00894	0.00645	0.00188	0.00253	3.61E-05	1.92E-04	1.20E-05	7.99E-06	2.49E-04	3.29E-05	0.00E+00	1.60E-07	2.18E-07	3.32E-05	4.18E-05	1.92E-04	1.20E-05	7.99E-06	2.54E-04
5382	476656.71, 3849346.88	0.00904	0.00671	0.00189	0.00254	3.65E-05	2.00E-04	1.21E-05	8.02E-06	2.57E-04	3.32E-05	0.00E+00	1.61E-07	2.19E-07	3.36E-05	4.23E-05	2.00E-04	1.21E-05	8.02E-06	2.63E-04
5383	476873.55, 3849454.53	0.00928	0.00729	0.00192	0.00257	3.75E-05	2.17E-04	1.22E-05	8.11E-06	2.75E-04	3.41E-05	0.00E+00	1.63E-07	2.21E-07	3.45E-05	4.34E-05	2.17E-04	1.22E-05	8.11E-06	2.81E-04
5384	477700, 3849859.7	0.01015	0.00938	0.00204	0.00269	4.10E-05	2.80E-04	1.30E-05	8.49E-06	3.42E-04	3.73E-05	0.00E+00	1.73E-07	2.32E-07	3.77E-05	4.75E-05	2.80E-04	1.30E-05	8.49E-06	3.49E-04
5385	477743.16, 3849856.38	0.01007	0.0093	0.00205	0.00269	4.07E-05	2.77E-04	1.31E-05	8.49E-06	3.40E-04	3.70E-05	0.00E+00	1.74E-07	2.32E-07	3.74E-05	4.71E-05	2.77E-04	1.31E-05	8.49E-06	3.46E-04
5386	478477.35, 3850216.33	0.01069	0.00975	0.00214	0.00288	4.32E-05	2.91E-04	1.37E-05	9.09E-06	3.57E-04	3.93E-05	0.00E+00	1.82E-07	2.48E-07	3.97E-05	5.00E-05	2.91E-04	1.37E-05	9.09E-06	3.64E-04
5387	478485.8, 3850201.6	0.01062	0.00971	0.00214	0.00288	4.29E-05	2.90E-04	1.37E-05	9.09E-06	3.55E-04	3.90E-05	0.00E+00	1.82E-07	2.48E-07	3.95E-05	4.97E-05	2.90E-04	1.37E-05	9.09E-06	3.62E-04
5388	479113.21, 3850501.53	0.01215	0.0107	0.00222	0.00305	4.91E-05	3.19E-04	1.42E-05	9.63E-06	3.92E-04	4.47E-05	0.00E+00	1.89E-07	2.63E-07	4.51E-05	5.68E-05	3.19E-04	1.42E-05	9.63E-06	4.00E-04
5389	479108.11, 3850382.28	0.01208	0.01023	0.00219	0.00302	4.88E-05	3.05E-04	1.40E-05	9.54E-06	3.78E-04	4.44E-05	0.00E+00	1.86E-07	2.60E-07	4.49E-05	5.65E-05	3.05E-04	1.40E-05	9.54E-06	3.85E-04
5390	479689.85, 3850674.28	0.01427	0.01012	0.00225	0.00322	5.77E-05	3.02E-04	1.44E-05	1.02E-05	3.84E-04	5.25E-05	0.00E+00	1.91E-07	2.77E-07	5.29E-05	6.67E-05	3.02E-04	1.44E-05	1.02E-05	3.93E-04
5391	479952.42, 3850774.28	0.01631	0.01017	0.00227	0.00329	6.59E-05	3.03E-04	1.45E-05	1.04E-05	3.94E-04	6.00E-05	0.00E+00	1.93E-07	2.83E-07	6.04E-05	7.63E-05	3.03E-04	1.45E-05	1.04E-05	4.05E-04
5392	479911.32, 3850884.85	0.01554	0.01087	0.00231	0.00332	6.28E-05	3.24E-04	1.47E-05	1.05E-05	4.12E-04	5.71E-05	0.00E+00	1.96E-07	2.86E-07	5.76E-05	7.27E-05	3.24E-04	1.47E-05	1.05E-05	4.22E-04
5393	480500.92, 3851178.12	0.02012	0.01188	0.00239	0.00352	8.13E-05	3.54E-04	1.52E-05	1.11E-05	4.62E-04	7.40E-05	0.00E+00	2.03E-07	3.03E-07	7.45E-05	9.41E-05	3.54E-04	1.52E-05	1.11E-05	4.75E-04
5394	480738.01, 3851289.27	0.0224	0.01227	0.00242	0.00364	9.05E-05	3.66E-04	1.54E-05	1.15E-05	4.84E-04	8.24E-05	0.00E+00	2.06E-07	3.13E-07	8.29E-05	1.05E-04	3.66E-04	1.54E-05	1.15E-05	4.98E-04
5395	481055.42, 3851443.58	0.02548	0.0126	0.00247	0.00382	1.03E-04	3.76E-04	1.58E-05	1.21E-05	5.07E-04	9.37E-05	0.00E+00	2.10E-07	3.29E-07	9.42E-05	1.19E-04	3.76E-04	1.58E-05	1.21E-05	5.23E-04
5396	481110.22, 3851443.15	0.026	0.01242	0.00247	0.00384	1.05E-04	3.71E-04	1.58E-05	1.21E-05	5.04E-04	9.56E-05	0.00E+00	2.10E-07	3.31E-07	9.61E-05	1.22E-04	3.71E-04	1.58E-05	1.21E-05	5.20E-04
5397	481111.1, 3851417.45	0.026	0.01223	0.00246	0.00383	1.05E-04	3.65E-04	1.57E-05	1.21E-05	4.98E-04	9.56E-05	0.00E+00	2.09E-07	3.30E-07	9.61E-05	1.22E-04	3.65E-04	1.57E-05	1.21E-05	5.14E-04
5398	482248.44, 3852605.09	0.04054	0.01756	0.00297	0.0054	1.64E-04	5.24E-04	1.89E-05	1.70E-05	7.24E-04	1.49E-04	0.00E+00	2.53E-07	4.65E-07	1.50E-04	1.90E-04	5.24E-04	1.89E-05	1.70E-05	7.49E-04
5399	482273.34, 3852632.31	0.04104	0.01773	0.00298	0.00547	1.66E-04	5.29E-04	1.90E-05	1.73E-05	7.31E-04	1.51E-04	0.00E+00	2.53E-07	4.71E-07	1.52E-04	1.92E-04	5.29E-04	1.90E-05	1.73E-05	7.57E-04
5400	482665.46, 3853038.72	0.05012	0.02103	0.0032	0.00658	2.03E-04	6.27E-04	2.04E-05	2.08E-05	8.71E-04	1.84E-04	0.00E+00	2.72E-07	5.67E-07	1.85E-04	2.34E-04	6.27E-04	2.04E-05	2.08E-05	9.03E-04
5401	483077.95, 3853844.31	0.06524	0.02799	0.00369	0.00987	2.64E-04	8.35E-04	2.35E-05	3.12E-05	1.15E-03	2.40E-04	0.00E+00	3.14E-07	8.50E-07	2.41E-04	3.05E-04	8.35E-04	2.35E-05	3.12E-05	1.19E-03
5402	483121.38, 3853909.38	0.06847	0.02809	0.00373	0.01033	2.77E-04	8.38E-04	2.38E-05	3.26E-05	1.17E-03	2.52E-04	0.00E+00	3.17E-07	8.90E-07	2.53E-04	3.20E-04	8.38E-04	2.38E-05	3.26E-05	1.21E-03
5403	483492.64, 3853911.49	0.09246	0.02426	0.00374	0.01067	3.74E-04	7.24E-04	2.39E-05	3.37E-05	1.16E-03	3.40E-04	0.00E+00	3.18E-07	9.19E-07	3.41E-04	4.32E-04	7.24E-04	2.39E-05	3.37E-05	1.21E-03
5404	483498.29, 3854204.73	0.09748	0.02867	0.00397	0.01461	3.94E-04	8.55E-04	2.53E-05	4.61E-05	1.32E-03	3.58E-04	0.00E+00	3.38E-07	1.26E-06	3.60E-04	4.56E-04	8.55E-04	2.53E-05	4.61E-05	1.38E-03
5405	484132.44, 3854662.55	0.1527	0.03946	0.00444	0.04783	6.17E-04	1.18E-03	2.83E-05	1.51E-04	1.97E-03	5.61E-04	0.00E+00	3.78E-07	4.12E-06	5.66E-04	7.14E-04	1.18E-03	2.83E-05	1.51E-04	2.07E-03
5406	484627.62, 3854876.13	0.28167	0.06404	0.00477	0.03715	1.14E-03	1.91E-03	3.04E-05	1.17E-04	3.20E-03	1.04E-03	0.00E+00	4.06E-07	3.20E-06	1.04E-03	1.32E-03	1.91E-03	3.04E-05	1.17E-04	3.38E-03
5407	484756.14, 3854949.04	0.37539	0.07308	0.0049	0.03386	1.52E-03	2.18E-03	3.13E-05	1.07E-04	3.84E-03	1.38E-03	0.00E+00	4.17E-07	2.92E-06	1.38E-03	1.76E-03	2.18E-03	3.13E-05	1.07E-04	4.07E-03
5408	486697.51, 3856599.17	4.9428	0.25236	0.01138	0.05483	2.00E-02	7.53E-03	7.26E-05	1.73E-04	2.78E-02	1.82E-02	0.00E+00	9.68E-07	4.72E-06	1.82E-02	2.31E-02	7.53E-03	7.26E-05	1.73E-04	3.09E-02
5409	487105.31, 3856962.27	5.27429	0.29041	0.01654	0.03355	2.13E-02	8.66E-03	1.06E-04	1.06E-04	3.02E-02	1.94E-02	0.00E+00	1.41E-06	2.89E-06	1.94E-02	2.47E-02	8.66E-03	1.06E-04	1.06E-04	3.35E-02
5410	487157.57, 3856901.7	4.03086	0.2779	0.01647	0.03461	1.63E-02	8.29E-03	1.05E-04	1.09E-04	2.48E-02	1.48E-02	0.00E+00	1.40E-06	2.98E-06	1.48E-02	1.89E-02	8.29E-03	1.05E-04	1.09E-04	2.74E-02
5411	487173.5, 3856853.74	3.5877	0.27	0.01619	0.03572	1.45E-02	8.05E-03	1.03E-04	1.13E-04	2.28E-02	1.32E-02	0.00E+00	1.38E-06	3.08E-06	1.32E-02	1.68E-02	8.05E-03	1.03E-04	1.13E-04	2.50E-02
5412	487564.41, 3856860.83	2.08474	0.24635	0.02284	0.03233	8.43E-03	7.35E-03	1.46E-04	1.02E-04	1.60E-02	7.66E-03	0.00E+00	1.94E-06	2.78E-06	7.67E-03	9.75E-03	7.35E-03	1.46E-04	1.02E-04	1.73E-02
5413	487563.31, 3856931.58	2.09541	0.25514	0.02382	0.03104	8.47E-03	7.61E-03	1.52E-04	9.80E-05	1.63E-02	7.70E-03	0.00E+00	2.03E-06	2.67E-06	7.71E-03	9.80E-03	7.61E-03	1.52E-04	9.80E-05	1.77E-02
5414	487782.7, 3856926.85	1.61088	0.24313	0.02947	0.03004	6.51E-03	7.25E-03	1.88E-04	9.48E-05	1.40E-02	5.92E-03	0.00E+00	2.51E-06	2.59E-06	5.93E-03	7.53E-03	7.25E-03	1.88E-04	9.48E-05	1.51E-02
5415	487782.39, 3856757.07	1.61797	0.22422	0.02577	0.03255	6.54E-03	6.69E-03	1.64E-04	1.03E-04	1.35E-02	5.95E-03	0.00E+00	2.19E-06	2.80E-06	5.95E-03	7.57E-03	6.69E-03	1.64E-04	1.03E-04	1.45E-02
5416	487917.26, 3856752.41	1.43829	0.21974	0.02429	0.03161	5.81E-03	6.56E-03	1.55E-04	9.98E-05	1.26E-02	5.29E-03	0.00E+00	2.07E-06	2.72E-06	5.29E-03	6.73E-03	6.56E-03	1.55E-04	9.98E-05	1.35E-02
5417	487919.57, 3856953.35	1.37823	0.24017	0.03026	0.02919	5.57E-03	7.17E-03	1.93E-04	9.22E-05	1.30E-02	5.07E-03	0.00E+00	2.57E-06	2.51E-06	5.07E-03	6.45E-03	7.17E-03	1.93E-04	9.22E-05	1.39E-02
5418	487932.76, 3857000.32	1.31509	0.24258	0.03185	0.02875	5.32E-03	7.24E-03	2.03E-04	9.08E-05	1.28E-02	4.83E-03	0.00E+00	2.71E-06	2.48E-06	4.84E-03	6.15E-03	7.24E-03	2.03E-04	9.08E-05	1.37E-02
5419	487960.5, 3857044.75	1.22736	0.24457	0.03321	0.02835	4.96E-03	7.30E-03	2.12E-04	8.95E-05	1.26E-02	4.51E-03	0.00E+00	2.82E-06	2.44E-06	4.52E-03	5.74E-03	7.30E-03	2.12E-04	8.95E-05	1.33E-02
5420	488016.54, 3857089.54	1.10991	0.24511	0.03391	0.02796	4.49E-03	7.31E-03	2.16E-04	8.83E-05	1.21E-02	4.08E-03	0.00E+00	2.88E-06	2.41E-06	4.09E-03	5.19E-03	7.31E-03	2.16E-04	8.83E-05	1.28E-02
5421	488114.39, 3857165.47	0.93078	0.24731	0.03615	0.02746	3.76E-03	7.38E-03	2.31E-04	8.67E-05	1.15E-02	3.42E-03	0.00E+00	3.07E-06	2.36E-06	3.43E-03	4.35E-03	7.38E-03	2.31E-04	8.67E-05	1.20E-02
5422	488171.49, 3857234.24	0.81068	0.25223	0.0409	0.02747	3.28E-03	7.52E-03	2.61E-04	8.67E-05	1.11E-02	2.98E-03	0.00E+00	3.48E-06	2.37E-06	2.99E-03	3.79E-03	7.52E-03	2.61E-04	8.67E-05	1.17E-02
5423	488193.16, 3857297.8	0.72366	0.25954	0.04652	0.0279	2.93E-03	7.74E-03	2.97E-04	8.81E-05	1.11E-02	2.66E-03	0.00E+00	3.96E-06	2.40E-06	2.67E-03	3.38E-03	7.74E-03	2.97E-04	8.81E-05	1.15E-02
5424	488189.27, 3857649.94	0.39041	0.31186	0.1216	0.03539	1.58E-03	9.30E-03	7.76E-04	1.12E-04	1.18E-02	1.44E-03	0.00E+00	1.03E-05	3.05E-06	1.45E-03	1.83E-03	9.30E-03	7.76E-04	1.12E-04	1.20E-02

5425	488127.43, 3857732.32	0.33923	0.32907	0.1622	0.03855	1.37E-03	9.82E-03	1.03E-03	1.22E-04	1.23E-02	1.25E-03	0.00E+00	1.38E-05	3.32E-06	1.26E-03	1.59E-03	9.82E-03	1.03E-03	1.22E-04	1.26E-02
5426	488149.93, 3857752.94	0.32791	0.33133	0.18043	0.03937	1.33E-03	9.88E-03	1.15E-03	1.24E-04	1.25E-02	1.21E-03	0.00E+00	1.53E-05	3.39E-06	1.22E-03	1.53E-03	9.88E-03	1.15E-03	1.24E-04	1.27E-02
5427	488144.76, 3857758.71	0.32483	0.33247	0.18395	0.03963	1.31E-03	9.92E-03	1.17E-03	1.25E-04	1.25E-02	1.19E-03	0.00E+00	1.56E-05	3.41E-06	1.21E-03	1.52E-03	9.92E-03	1.17E-03	1.25E-04	1.27E-02
5428	488335.58, 3857932.55	0.24719	0.36953	4.07941	0.04807	9.99E-04	1.10E-02	2.60E-02	1.52E-04	3.82E-02	9.09E-04	0.00E+00	3.47E-04	4.14E-06	1.26E-03	1.16E-03	1.10E-02	2.60E-02	1.52E-04	3.84E-02
5429	488372.29, 3857943.79	0.24343	0.37039	3.99269	0.04854	9.84E-04	1.10E-02	2.55E-02	1.53E-04	3.77E-02	8.95E-04	0.00E+00	3.40E-04	4.18E-06	1.24E-03	1.14E-03	1.10E-02	2.55E-02	1.53E-04	3.78E-02
5430	488828.64, 3857936.4	0.25027	0.33275	1.23422	0.04499	1.01E-03	9.93E-03	7.87E-03	1.42E-04	1.90E-02	9.20E-04	0.00E+00	1.05E-04	3.87E-06	1.03E-03	1.17E-03	9.93E-03	7.87E-03	1.42E-04	1.91E-02
5431	488829.08, 3857959.58	0.24341	0.33762	1.193	0.04592	9.84E-04	1.01E-02	7.61E-03	1.45E-04	1.88E-02	8.95E-04	0.00E+00	1.01E-04	3.95E-06	1.00E-03	1.14E-03	1.01E-02	7.61E-03	1.45E-04	1.90E-02
5432	488351.61, 3857964.55	0.23627	0.37816	4.37495	0.05005	9.55E-04	1.13E-02	2.79E-02	1.58E-04	4.03E-02	8.69E-04	0.00E+00	3.72E-04	4.31E-06	1.25E-03	1.10E-03	1.13E-02	2.79E-02	1.58E-04	4.05E-02
5433	488316.87, 3857947.65	0.24187	0.3753	4.50503	0.04918	9.78E-04	1.12E-02	2.87E-02	1.55E-04	4.11E-02	8.89E-04	0.00E+00	3.83E-04	4.23E-06	1.28E-03	1.13E-03	1.12E-02	2.87E-02	1.55E-04	4.12E-02
5434	488129.1, 3857775.77	0.31572	0.3365	0.19512	0.04044	1.28E-03	1.00E-02	1.24E-03	1.28E-04	1.27E-02	1.16E-03	0.00E+00	1.66E-05	3.48E-06	1.18E-03	1.48E-03	1.00E-02	1.24E-03	1.28E-04	1.29E-02
5435	488062.53, 3857846.13	0.28236	0.35825	0.25263	0.0443	1.14E-03	1.07E-02	1.61E-03	1.40E-04	1.36E-02	1.04E-03	0.00E+00	2.15E-05	3.81E-06	1.06E-03	1.32E-03	1.07E-02	1.61E-03	1.40E-04	1.38E-02
5436	488330.41, 3858091.34	0.20375	0.41807	1.81725	0.05967	8.24E-04	1.25E-02	1.16E-02	1.88E-04	2.51E-02	7.49E-04	0.00E+00	1.55E-04	5.14E-06	9.09E-04	9.53E-04	1.25E-02	1.16E-02	1.88E-04	2.52E-02
5437	488470.87, 3858174.45	0.18429	0.43528	0.73295	0.06321	7.45E-04	1.30E-02	4.68E-03	2.00E-04	1.86E-02	6.78E-04	0.00E+00	6.23E-05	5.44E-06	7.45E-04	8.62E-04	1.30E-02	4.68E-03	2.00E-04	1.87E-02
5438	488568.9, 3858262.31	0.16653	0.46305	0.35644	0.0662	6.73E-04	1.38E-02	2.27E-03	2.09E-04	1.70E-02	6.12E-04	0.00E+00	3.03E-05	5.70E-06	6.48E-04	7.79E-04	1.38E-02	2.27E-03	2.09E-04	1.71E-02
5439	488964.27, 3858025.71	0.22544	0.34189	0.79208	0.04687	9.11E-04	1.02E-02	5.05E-03	1.48E-04	1.63E-02	8.29E-04	0.00E+00	6.74E-05	4.04E-06	9.00E-04	1.05E-03	1.02E-02	5.05E-03	1.48E-04	1.65E-02
5440	489147.25, 3857956.64	0.24362	0.31129	0.69256	0.04283	9.85E-04	9.29E-03	4.42E-03	1.35E-04	1.48E-02	8.96E-04	0.00E+00	5.89E-05	3.69E-06	9.58E-04	1.14E-03	9.29E-03	4.42E-03	1.35E-04	1.50E-02
5441	489343.52, 3857932.45	0.24699	0.29081	0.55226	0.04046	9.98E-04	8.68E-03	3.52E-03	1.28E-04	1.33E-02	9.08E-04	0.00E+00	4.70E-05	3.48E-06	9.59E-04	1.16E-03	8.68E-03	3.52E-03	1.28E-04	1.35E-02
5442	489866.19, 3857923.19	0.23403	0.25676	0.34038	0.03769	9.46E-04	7.66E-03	2.17E-03	1.19E-04	1.09E-02	8.60E-04	0.00E+00	2.89E-05	3.25E-06	8.93E-04	1.09E-03	7.66E-03	2.17E-03	1.19E-04	1.10E-02
5443	489955.65, 3857902.27	0.23515	0.24755	0.32465	0.03711	9.51E-04	7.39E-03	2.07E-03	1.17E-04	1.05E-02	8.65E-04	0.00E+00	2.76E-05	3.20E-06	8.95E-04	1.10E-03	7.39E-03	2.07E-03	1.17E-04	1.07E-02
5444	490079.44, 3857847.9	0.23968	0.23767	0.30968	0.03591	9.69E-04	7.09E-03	1.98E-03	1.13E-04	1.01E-02	8.81E-04	0.00E+00	2.63E-05	3.09E-06	9.11E-04	1.12E-03	7.09E-03	1.98E-03	1.13E-04	1.03E-02
5445	490108.49, 3857934.13	0.22361	0.24676	0.28502	0.03747	9.04E-04	7.36E-03	1.82E-03	1.18E-04	1.02E-02	8.22E-04	0.00E+00	2.42E-05	3.23E-06	8.50E-04	1.05E-03	7.36E-03	1.82E-03	1.18E-04	1.03E-02
5446	489884.48, 3858014.17	0.21705	0.27004	0.30148	0.03957	8.77E-04	8.06E-03	1.92E-03	1.25E-04	1.10E-02	7.98E-04	0.00E+00	2.56E-05	3.41E-06	8.27E-04	1.02E-03	8.06E-03	1.92E-03	1.25E-04	1.11E-02
5447	489326.56, 3858025.86	0.22563	0.30981	0.48459	0.04282	9.12E-04	9.24E-03	3.09E-03	1.35E-04	1.34E-02	8.30E-04	0.00E+00	4.12E-05	3.69E-06	8.74E-04	1.06E-03	9.24E-03	3.09E-03	1.35E-04	1.35E-02
5448	489130.38, 3858056.71	0.2197	0.33134	0.56806	0.04578	8.88E-04	9.88E-03	3.62E-03	1.45E-04	1.45E-02	8.08E-04	0.00E+00	4.83E-05	3.94E-06	8.60E-04	1.03E-03	9.88E-03	3.62E-03	1.45E-04	1.47E-02
5449	488936.49, 3858143.93	0.19536	0.37314	0.53068	0.05141	7.90E-04	1.11E-02	3.38E-03	1.62E-04	1.55E-02	7.18E-04	0.00E+00	4.51E-05	4.43E-06	7.68E-04	9.14E-04	1.11E-02	3.38E-03	1.62E-04	1.56E-02
5450	488638.08, 3858327.45	0.15675	0.4764	0.2352	0.06772	6.34E-04	1.42E-02	1.50E-03	2.14E-04	1.66E-02	5.76E-04	0.00E+00	2.00E-05	5.83E-06	6.02E-04	7.33E-04	1.42E-02	1.50E-03	2.14E-04	1.67E-02
5451	488663.79, 3858349.57	0.15378	0.47971	0.20822	0.06806	6.22E-04	1.43E-02	1.33E-03	2.15E-04	1.65E-02	5.65E-04	0.00E+00	1.77E-05	5.86E-06	5.89E-04	7.19E-04	1.43E-02	1.33E-03	2.15E-04	1.66E-02
5452	488694.56, 3858349.5	0.1535	0.47365	0.21454	0.06692	6.20E-04	1.41E-02	1.37E-03	2.11E-04	1.63E-02	5.64E-04	0.00E+00	1.82E-05	5.76E-06	5.88E-04	7.18E-04	1.41E-02	1.37E-03	2.11E-04	1.64E-02
5453	488694.35, 3858336.75	0.15514	0.46885	0.2323	0.0662	6.27E-04	1.40E-02	1.48E-03	2.09E-04	1.63E-02	5.70E-04	0.00E+00	1.98E-05	5.70E-06	5.96E-04	7.26E-04	1.40E-02	1.48E-03	2.09E-04	1.64E-02
5454	488712.81, 3858336.38	0.1551	0.46523	0.23538	0.06555	6.27E-04	1.39E-02	1.50E-03	2.07E-04	1.62E-02	5.70E-04	0.00E+00	2.00E-05	5.64E-06	5.96E-04	7.25E-04	1.39E-02	1.50E-03	2.07E-04	1.63E-02
5455	488713.23, 3858367.46	0.15109	0.47714	0.19494	0.06728	6.11E-04	1.42E-02	1.24E-03	2.12E-04	1.63E-02	5.55E-04	0.00E+00	1.66E-05	5.79E-06	5.78E-04	7.07E-04	1.42E-02	1.24E-03	2.12E-04	1.64E-02
5456	488704.63, 3858384.05	0.14916	0.48567	0.17433	0.06853	6.03E-04	1.45E-02	1.11E-03	2.16E-04	1.64E-02	5.48E-04	0.00E+00	1.48E-05	5.90E-06	5.69E-04	6.98E-04	1.45E-02	1.11E-03	2.16E-04	1.65E-02
5457	488604.15, 3858488.29	0.14051	0.55632	0.07811	0.07863	5.68E-04	1.66E-02	4.98E-04	2.48E-04	1.79E-02	5.17E-04	0.00E+00	6.64E-06	6.77E-06	5.30E-04	6.57E-04	1.66E-02	4.98E-04	2.48E-04	1.80E-02
5458	488605.66, 3858550.47	0.13487	0.59424	0.05791	0.08102	5.45E-04	1.77E-02	3.69E-04	2.56E-04	1.89E-02	4.96E-04	0.00E+00	4.93E-06	6.98E-06	5.08E-04	6.31E-04	1.77E-02	3.69E-04	2.56E-04	1.90E-02
5459	488692.68, 3858548.71	0.13345	0.57462	0.06739	0.07678	5.39E-04	1.71E-02	4.30E-04	2.42E-04	1.84E-02	4.91E-04	0.00E+00	5.73E-06	6.61E-06	5.03E-04	6.24E-04	1.71E-02	4.30E-04	2.42E-04	1.84E-02
5460	488759.93, 3858461.81	0.1402	0.50913	0.11802	0.0705	5.67E-04	1.52E-02	7.53E-04	2.23E-04	1.67E-02	5.15E-04	0.00E+00	1.00E-05	6.07E-06	5.32E-04	6.56E-04	1.52E-02	7.53E-04	2.23E-04	1.68E-02
5461	488816.57, 3858541.79	0.13197	0.54483	0.08412	0.07161	5.33E-04	1.63E-02	5.37E-04	2.26E-04	1.76E-02	4.85E-04	0.00E+00	7.15E-06	6.17E-06	4.99E-04	6.17E-04	1.63E-02	5.37E-04	2.26E-04	1.76E-02
5462	488944.63, 3858656.77	0.12116	0.61806	0.0603	0.07257	4.90E-04	1.84E-02	3.85E-04	2.29E-04	1.95E-02	4.45E-04	0.00E+00	5.13E-06	6.25E-06	4.57E-04	5.67E-04	1.84E-02	3.85E-04	2.29E-04	1.96E-02
5463	489134.91, 3858830.7	0.10754	0.7702	0.04151	0.08093	4.35E-04	2.30E-02	2.65E-04	2.56E-04	2.39E-02	3.95E-04	0.00E+00	3.53E-06	6.97E-06	4.06E-04	5.03E-04	2.30E-02	2.65E-04	2.56E-04	2.40E-02
5464	489193.99, 3858886.05	0.10376	0.81124	0.03771	0.08557	4.19E-04	2.42E-02	2.41E-04	2.70E-04	2.51E-02	3.81E-04	0.00E+00	3.21E-06	7.37E-06	3.92E-04	4.85E-04	2.42E-02	2.41E-04	2.70E-04	2.52E-02
5465	489295.2, 3858954.34	0.09893	0.82526	0.03454	0.09001	4.00E-04	2.46E-02	2.20E-04	2.84E-04	2.55E-02	3.64E-04	0.00E+00	2.94E-06	7.75E-06	3.74E-04	4.63E-04	2.46E-02	2.20E-04	2.84E-04	2.56E-02
5466	489295.64, 3858992.74	0.09715	0.86226	0.03182	0.09408	3.93E-04	2.57E-02	2.03E-04	2.97E-04	2.66E-02	3.57E-04	0.00E+00	2.71E-06	8.10E-06	3.68E-04	4.54E-04	2.57E-02	2.03E-04	2.97E-04	2.67E-02
5467	489183.74, 3858911.72	0.10266	0.85079	0.03517	0.0886	4.15E-04	2.54E-02	2.24E-04	2.80E-04	2.63E-02	3.77E-04	0.00E+00	2.99E-06	7.63E-06	3.88E-04	4.80E-04	2.54E-02	2.24E-04	2.80E-04	2.64E-02
5468	488873.37, 3858625.59	0.12454	0.60147	0.06263	0.07286	5.03E-04	1.79E-02	3.99E-04	2.30E-04	1.91E-02	4.58E-04	0.00E+00	5.33E-06	6.27E-06	4.69E-04	5.82E-04	1.79E-02	3.99E-04	2.30E-04	1.92E-02
5469	488842.84, 3858658.69	0.12258	0.64516	0.05287	0.0754	4.95E-04	1.92E-02	3.37E-04	2.38E-04	2.03E-02	4.51E-04	0.00E+00	4.50E-06	6.49E-06	4.62E-04	5.73E-04	1.92E-02	3.37E-04	2.38E-04	2.04E-02
5470	488856.39, 3858670.93	0.12162	0.65528	0.05147	0.07562	4.92E-04	1.95E-02	3.28E-04	2.39E-04	2.06E-02	4.47E-04	0.00E+00	4.38E-06	6.51E-06	4.58E-04	5.69E-04	1.95E-02	3.28E-04	2.39E-04	2.07E-02
5471	488805.7, 3858724.5	0.11877	0.74979	0.04018	0.08044	4.80E-04	2.24E-02	2.56E-04	2.54E-04	2.34E-02	4.37E-04	0.00E+00	3.42E-06	6.93E-06	4.47E-04	5.55E-04	2.24E-02	2.56E-04	2.54E-04	2.34E-02
5472	488805.87, 3858804.16	0.11334	0.9189	0.03201	0.08674	4.58E-04	2.74E-02	2.04E-04	2.74E-04	2.84E-02	4.17E-04	0.00E+00	2.72E-06	7.47E-06	4.27E-04	5.30E-04	2.74E-02	2.04E-04	2.74E-04	2.84E-02
5473	488995.78, 3858936.96	0.10373	1.07313	0.0281	0.09617	4.19E-04	3.20E-02	1.79E-04	3.04E-04	3.29E-02	3.81E-04	0.00E+00	2.39E-06	8.28E-06	3.92E-04	4.85E-04	3.20E-02	1.79E-04	3.04E-04	3.30E-02
5474	489130.76, 3859017.38	0.0984	1.03793	0.02676	0.10343	3.98E-04	3.10E-02	1.71E-04	3.27E-04	3.19E-02	3.62E-04	0.00E+00	2.28E-06	8.91E-06	3.73E-04	4.60E-04	3.10E-02	1.71E-04	3.27E-04	3.19E-02
5475	489130.92, 3859052.24	0.09679	1.07384	0.02504	0.10854	3.91E-04	3.20E-02	1.60E-04	3.43E-04	3.29E-02	3.56E-04	0.00E+00	2.13E-06	9.35E-06	3.67E-04	4.53E-04	3.20E-02	1.60E-04	3.43E-04	3.30E-02
5476	489200.33, 3859090.6	0.09426	1.02859	0.02462	0.11097	3.81E-04	3.07E-02	1.57E-04	3.50E-04	3.16E-02	3.47E-04	0.00E+00	2.09E-06	9.56E-06	3.58E-04	4.41E-04	3.07E-02	1.57E-04	3.50E-04	3.16E-02
5477	489296.07, 3859143.7	0.09087	0.96627	0.02404	0.11395	3.67E-04	2.88E-02	1.53E-04	3.60E-04	2.97E-02	3.34E-04	0.00E+00	2.04E-06	9.81E-06	3.46E-04	4.25E-04	2.88E-02	1.53E-04	3.60E-04	2.98E-02
5478	489296.43, 3858954.74	0.09889	0.82487	0.03454	0.09001	4.00E-04	2.46E-02	2.20E-04	2.84E-04	2.55E-02	3.64E-04	0.00E+00	2.94E-06	7.75E-06	3.74E-04	4.62E-04	2.46E-02	2.20E-04	2.84E-04	2.56E-02
5479	489410.33, 3859033.19	0.09385	0.81194	0.03152	0.09417	3.79E-04	2.42E-02	2.01E-04	2.97E-04	2.51E-02	3.45E-04	0.00E+00	2.68E-06	8.11E-06	3.56E-04	4.39E-04	2.42E-02	2.01E-04	2.97E-04	2.52E-02
5480	489371.37, 3859089.8	0.09202	0.87513	0.02772	0.10251	3.72E-04	2.61E-02	1.77E-04	3.24E-04	2.70E-02	3.38E-04	0.00E+00	2.36E-06	8.83E-06	3.49E-04	4.30E-04	2.61E-02	1.77E-04	3.24E-04	2.70E-02
5481	489390.52, 3859102.82	0.09124	0.8677	0.0274	0.10332	3.69E-04	2.59E-02	1.75E-04	3.26E-04	2.68E-02	3.35E-04	0.00E+00	2.33E-06	8.90E-06	3.47E-04	4.27E-04	2.59E-02	1.75E-04	3.26E-04	2.68E-02
5482	489382.3, 3859114.53	0.09092	0.87893	0.02673	0.10523	3.68E-04	2.62E-02	1.70E-04	3.32E-04	2.71E-02	3.34E-04	0.00E+00	2.27E-06	9.06E-06	3.46E-04	4.25E-04	2.62E-02	1.70E-04	3.32E-04	2.71E-02
5483	489363.04, 3859102.45	0.09167	0.88751	0.02699	0.10454	3.71E-04	2.65E-02	1.72E-04	3.30E-04	2.74E-02	3.37E-04	0.00E+00	2.30E-06	9.00E-06	3.48E-04	4.29E-04	2.65E-02	1.72E-04	3.30E-04	2.74E-02

5484	489337.52, 3859140.71	0.09047	0.92852	0.02484	0.1112	3.66E-04	2.77E-02	1.58E-04	3.51E-04	2.86E-02	3.33E-04	0.00E+00	2.11E-06	9.58E-06	3.44E-04	4.23E-04	2.77E-02	1.58E-04	3.51E-04	2.86E-02
5485	489375.14, 3859164.55	0.08909	0.90601	0.02447	0.1124	3.60E-04	2.70E-02	1.56E-04	3.55E-04	2.79E-02	3.28E-04	0.00E+00	2.08E-06	9.68E-06	3.39E-04	4.17E-04	2.70E-02	1.56E-04	3.55E-04	2.80E-02
5486	489409.3, 3859114.5	0.09052	0.85951	0.02714	0.10394	3.66E-04	2.56E-02	1.73E-04	3.28E-04	2.65E-02	3.33E-04	0.00E+00	2.31E-06	8.95E-06	3.44E-04	4.23E-04	2.56E-02	1.73E-04	3.28E-04	2.66E-02
5487	489434.87, 3859131.81	0.08955	0.84734	0.02676	0.10483	3.62E-04	2.53E-02	1.71E-04	3.31E-04	2.61E-02	3.29E-04	0.00E+00	2.28E-06	9.03E-06	3.41E-04	4.19E-04	2.53E-02	1.71E-04	3.31E-04	2.62E-02
5488	489471.87, 3859075.75	0.09131	0.79569	0.03012	0.09646	3.69E-04	2.37E-02	1.92E-04	3.05E-04	2.46E-02	3.36E-04	0.00E+00	2.56E-06	8.31E-06	3.47E-04	4.27E-04	2.37E-02	1.92E-04	3.05E-04	2.47E-02
5489	489602.62, 3859164.69	0.08623	0.75058	0.02758	0.0994	3.49E-04	2.24E-02	1.76E-04	3.14E-04	2.32E-02	3.17E-04	0.00E+00	2.35E-06	8.56E-06	3.28E-04	4.03E-04	2.24E-02	1.76E-04	3.14E-04	2.33E-02
5490	489558.29, 3859232.45	0.08439	0.78963	0.02441	0.10787	3.41E-04	2.36E-02	1.56E-04	3.41E-04	2.44E-02	3.10E-04	0.00E+00	2.08E-06	9.29E-06	3.22E-04	3.95E-04	2.36E-02	1.56E-04	3.41E-04	2.44E-02
5491	489620.11, 3859273.56	0.08218	0.75909	0.02365	0.10661	3.32E-04	2.26E-02	1.51E-04	3.37E-04	2.35E-02	3.02E-04	0.00E+00	2.01E-06	9.18E-06	3.13E-04	3.84E-04	2.26E-02	1.51E-04	3.37E-04	2.35E-02
5492	489666.06, 3859206.42	0.08392	0.7265	0.02653	0.09917	3.39E-04	2.17E-02	1.69E-04	3.13E-04	2.25E-02	3.09E-04	0.00E+00	2.26E-06	8.54E-06	3.19E-04	3.92E-04	2.17E-02	1.69E-04	3.13E-04	2.25E-02
5493	489787.9, 3859285.65	0.07986	0.67686	0.02478	0.09615	3.23E-04	2.02E-02	1.58E-04	3.04E-04	2.10E-02	2.94E-04	0.00E+00	2.11E-06	8.28E-06	3.04E-04	3.73E-04	2.02E-02	1.58E-04	3.04E-04	2.10E-02
5494	489752.17, 3859343.13	0.07841	0.69367	0.02272	0.1011	3.17E-04	2.07E-02	1.45E-04	3.19E-04	2.15E-02	2.88E-04	0.00E+00	1.93E-06	8.71E-06	2.99E-04	3.67E-04	2.07E-02	1.45E-04	3.19E-04	2.15E-02
5495	489814.94, 3859385.33	0.07645	0.6651	0.02205	0.09882	3.09E-04	1.98E-02	1.41E-04	3.12E-04	2.06E-02	2.81E-04	0.00E+00	1.88E-06	8.51E-06	2.91E-04	3.58E-04	1.98E-02	1.41E-04	3.12E-04	2.07E-02
5496	489853.42, 3859330.74	0.07771	0.65104	0.02386	0.0941	3.14E-04	1.94E-02	1.52E-04	2.97E-04	2.02E-02	2.86E-04	0.00E+00	2.03E-06	8.10E-06	2.96E-04	3.63E-04	1.94E-02	1.52E-04	2.97E-04	2.02E-02
5497	489969.5, 3859401.91	0.07439	0.60777	0.02262	0.09002	3.01E-04	1.81E-02	1.44E-04	2.84E-04	1.89E-02	2.73E-04	0.00E+00	1.92E-06	7.75E-06	2.83E-04	3.48E-04	1.81E-02	1.44E-04	2.84E-04	1.89E-02
5498	490166.91, 3859486.96	0.07013	0.54976	0.02149	0.08126	2.83E-04	1.64E-02	1.37E-04	2.57E-04	1.71E-02	2.58E-04	0.00E+00	1.83E-06	7.00E-06	2.67E-04	3.28E-04	1.64E-02	1.37E-04	2.57E-04	1.71E-02
5499	490128.86, 3859571.46	0.06794	0.55835	0.01945	0.08334	2.75E-04	1.67E-02	1.24E-04	2.63E-04	1.73E-02	2.50E-04	0.00E+00	1.65E-06	7.18E-06	2.59E-04	3.18E-04	1.67E-02	1.24E-04	2.63E-04	1.74E-02
5500	490186.65, 3859593.65	0.0669	0.5432	0.01927	0.07998	2.70E-04	1.62E-02	1.23E-04	2.53E-04	1.69E-02	2.46E-04	0.00E+00	1.64E-06	6.89E-06	2.54E-04	3.13E-04	1.62E-02	1.23E-04	2.53E-04	1.69E-02
5501	490223.74, 3859517.48	0.06887	0.53469	0.02107	0.07859	2.78E-04	1.60E-02	1.34E-04	2.48E-04	1.66E-02	2.53E-04	0.00E+00	1.79E-06	6.77E-06	2.62E-04	3.22E-04	1.60E-02	1.34E-04	2.48E-04	1.67E-02
5502	490846.34, 3859817.22	0.05892	0.40332	0.01835	0.05037	2.38E-04	1.20E-02	1.17E-04	1.59E-04	1.25E-02	2.17E-04	0.00E+00	1.56E-06	4.34E-06	2.23E-04	2.76E-04	1.20E-02	1.17E-04	1.59E-04	1.26E-02
5503	490925.65, 3859844.59	0.05819	0.38881	0.0182	0.04787	2.35E-04	1.16E-02	1.16E-04	1.51E-04	1.21E-02	2.14E-04	0.00E+00	1.55E-06	4.12E-06	2.20E-04	2.72E-04	1.16E-02	1.16E-04	1.51E-04	1.21E-02
5504	491159.29, 3859896.28	0.05649	0.35789	0.01795	0.04241	2.28E-04	1.07E-02	1.14E-04	1.34E-04	1.12E-02	2.08E-04	0.00E+00	1.53E-06	3.65E-06	2.13E-04	2.64E-04	1.07E-02	1.14E-04	1.34E-04	1.12E-02
5505	491370.69, 3859960.89	0.05445	0.33107	0.01717	0.03812	2.20E-04	9.88E-03	1.10E-04	1.20E-04	1.03E-02	2.00E-04	0.00E+00	1.46E-06	3.28E-06	2.05E-04	2.55E-04	9.88E-03	1.10E-04	1.20E-04	1.04E-02
5506	491330.28, 3860063.17	0.05125	0.32882	0.01548	0.03644	2.07E-04	9.81E-03	9.87E-05	1.15E-04	1.02E-02	1.88E-04	0.00E+00	1.32E-06	3.14E-06	1.93E-04	2.40E-04	9.81E-03	9.87E-05	1.15E-04	1.03E-02
5507	491636.45, 3860180.75	0.04877	0.28456	0.01487	0.03046	1.97E-04	8.49E-03	9.48E-05	9.62E-05	8.88E-03	1.79E-04	0.00E+00	1.26E-06	2.62E-06	1.83E-04	2.28E-04	8.49E-03	9.48E-05	9.62E-05	8.91E-03
5508	491617.94, 3860203.93	0.04815	0.28394	0.01455	0.03004	1.95E-04	8.47E-03	9.28E-05	9.48E-05	8.85E-03	1.77E-04	0.00E+00	1.24E-06	2.59E-06	1.81E-04	2.25E-04	8.47E-03	9.28E-05	9.48E-05	8.88E-03
5509	491805.68, 3860271.59	0.0468	0.26004	0.01422	0.02713	1.89E-04	7.76E-03	9.07E-05	8.57E-05	8.12E-03	1.72E-04	0.00E+00	1.21E-06	2.34E-06	1.76E-04	2.19E-04	7.76E-03	9.07E-05	8.57E-05	8.15E-03
5510	491654.23, 3860414.02	0.04389	0.25542	0.01256	0.02455	1.77E-04	7.62E-03	8.01E-05	7.75E-05	7.96E-03	1.61E-04	0.00E+00	1.07E-06	2.11E-06	1.65E-04	2.05E-04	7.62E-03	8.01E-05	7.75E-05	7.98E-03
5511	491592.62, 3860510.76	0.04207	0.24597	0.01165	0.02235	1.70E-04	7.34E-03	7.43E-05	7.06E-05	7.65E-03	1.55E-04	0.00E+00	9.91E-07	1.92E-06	1.58E-04	1.97E-04	7.34E-03	7.43E-05	7.06E-05	7.68E-03
5512	491475.41, 3860368.93	0.04439	0.27522	0.01248	0.02617	1.79E-04	8.21E-03	7.96E-05	8.26E-05	8.55E-03	1.63E-04	0.00E+00	1.06E-06	2.25E-06	1.67E-04	2.08E-04	8.21E-03	7.96E-05	8.26E-05	8.58E-03
5513	491445.61, 3860337.28	0.04497	0.28243	0.01269	0.02717	1.82E-04	8.43E-03	8.09E-05	8.58E-05	8.77E-03	1.65E-04	0.00E+00	1.08E-06	2.34E-06	1.69E-04	2.10E-04	8.43E-03	8.09E-05	8.58E-05	8.80E-03
5514	491399.05, 3860300.37	0.04576	0.29252	0.01294	0.02857	1.85E-04	8.73E-03	8.25E-05	9.02E-05	9.08E-03	1.68E-04	0.00E+00	1.10E-06	2.46E-06	1.72E-04	2.14E-04	8.73E-03	8.25E-05	9.02E-05	9.11E-03
5515	491228.84, 3860235.98	0.04723	0.32025	0.01324	0.03188	1.91E-04	9.55E-03	8.45E-05	1.01E-04	9.93E-03	1.74E-04	0.00E+00	1.13E-06	2.75E-06	1.78E-04	2.21E-04	9.55E-03	8.45E-05	1.01E-04	9.96E-03
5516	491228.47, 3860174.57	0.04851	0.32883	0.01384	0.03396	1.96E-04	9.81E-03	8.83E-05	1.07E-04	1.02E-02	1.78E-04	0.00E+00	1.18E-06	2.92E-06	1.82E-04	2.27E-04	9.81E-03	8.83E-05	1.07E-04	1.02E-02
5517	491145.77, 3860112.55	0.05012	0.34725	0.01439	0.03719	2.03E-04	1.04E-02	9.18E-05	1.17E-04	1.08E-02	1.84E-04	0.00E+00	1.22E-06	3.20E-06	1.89E-04	2.34E-04	1.04E-02	9.18E-05	1.17E-04	1.08E-02
5518	490844.41, 3859966.22	0.05473	0.40366	0.01576	0.04635	2.21E-04	1.20E-02	1.01E-04	1.46E-04	1.25E-02	2.01E-04	0.00E+00	1.34E-06	3.99E-06	2.07E-04	2.56E-04	1.20E-02	1.01E-04	1.46E-04	1.25E-02
5519	490845.55, 3859928.15	0.05565	0.40499	0.01629	0.0474	2.25E-04	1.21E-02	1.04E-04	1.50E-04	1.26E-02	2.05E-04	0.00E+00	1.39E-06	4.08E-06	2.10E-04	2.60E-04	1.21E-02	1.04E-04	1.50E-04	1.26E-02
5520	490046.91, 3859625.6	0.06747	0.57742	0.01823	0.08735	2.73E-04	1.72E-02	1.16E-04	2.76E-04	1.79E-02	2.48E-04	0.00E+00	1.55E-06	7.52E-06	2.57E-04	3.16E-04	1.72E-02	1.16E-04	2.76E-04	1.79E-02
5521	489970.48, 3859589.4	0.06921	0.59937	0.01855	0.09286	2.80E-04	1.79E-02	1.18E-04	2.93E-04	1.86E-02	2.54E-04	0.00E+00	1.58E-06	8.00E-06	2.64E-04	3.24E-04	1.79E-02	1.18E-04	2.93E-04	1.86E-02
5522	489865.89, 3859529.06	0.07198	0.63477	0.01918	0.1002	2.91E-04	1.89E-02	1.22E-04	3.16E-04	1.97E-02	2.65E-04	0.00E+00	1.63E-06	8.63E-06	2.75E-04	3.37E-04	1.89E-02	1.22E-04	3.16E-04	1.97E-02
5523	489826.89, 3859531.74	0.07236	0.64754	0.0189	0.10327	2.92E-04	1.93E-02	1.21E-04	3.26E-04	2.01E-02	2.66E-04	0.00E+00	1.61E-06	8.89E-06	2.77E-04	3.38E-04	1.93E-02	1.21E-04	3.26E-04	2.01E-02
5524	489410.47, 3859303.06	0.08351	0.90089	0.02031	0.12584	3.38E-04	2.69E-02	1.30E-04	3.97E-04	2.77E-02	3.07E-04	0.00E+00	1.73E-06	1.08E-05	3.20E-04	3.91E-04	2.69E-02	1.30E-04	3.97E-04	2.78E-02
5525	489407.15, 3859286.09	0.08418	0.90332	0.02076	0.12444	3.40E-04	2.69E-02	1.32E-04	3.93E-04	2.78E-02	3.09E-04	0.00E+00	1.77E-06	1.07E-05	3.22E-04	3.94E-04	2.69E-02	1.32E-04	3.93E-04	2.79E-02
5526	488806.07, 3858963.62	0.10225	1.55773	0.02307	0.10508	4.13E-04	4.65E-02	1.47E-04	3.32E-04	4.74E-02	3.76E-04	0.00E+00	1.96E-06	9.05E-06	3.87E-04	4.78E-04	4.65E-02	1.47E-04	3.32E-04	4.74E-02
5527	488817.64, 3859546.3	0.06954	1.81382	0.01113	0.28599	2.81E-04	5.41E-02	7.10E-05	9.03E-04	5.54E-02	2.56E-04	0.00E+00	9.47E-07	2.46E-05	2.81E-04	3.25E-04	5.41E-02	7.10E-05	9.03E-04	5.54E-02
5528	489187.25, 3859549.52	0.07173	0.99961	0.01444	0.1947	2.90E-04	2.98E-02	9.21E-05	6.15E-04	3.08E-02	2.64E-04	0.00E+00	1.23E-06	1.68E-05	2.82E-04	3.35E-04	2.98E-02	9.21E-05	6.15E-04	3.09E-02
5529	489187.66, 3859523.74	0.07294	1.0229	0.01475	0.18978	2.95E-04	3.05E-02	9.41E-05	5.99E-04	3.15E-02	2.68E-04	0.00E+00	1.25E-06	1.63E-05	2.86E-04	3.41E-04	3.05E-02	9.41E-05	5.99E-04	3.16E-02
5530	489232.59, 3859522.85	0.07345	0.97787	0.01503	0.18023	2.97E-04	2.92E-02	9.59E-05	5.69E-04	3.01E-02	2.70E-04	0.00E+00	1.28E-06	1.55E-05	2.87E-04	3.43E-04	2.92E-02	9.59E-05	5.69E-04	3.02E-02
5531	489224.98, 3859759.91	0.06329	0.85358	0.01245	0.18951	2.56E-04	2.55E-02	7.94E-05	5.98E-04	2.64E-02	2.33E-04	0.00E+00	1.06E-06	1.63E-05	2.50E-04	2.96E-04	2.55E-02	7.94E-05	5.98E-04	2.64E-02
5532	488401.39, 3859763.34	0.05973	2.39445	0.00907	0.55229	2.41E-04	7.14E-02	5.79E-05	1.74E-03	7.35E-02	2.20E-04	0.00E+00	7.71E-07	4.76E-05	2.68E-04	2.79E-04	7.14E-02	5.79E-05	1.74E-03	7.35E-02
5533	488405.51, 3859966.16	0.05377	2.44999	0.00843	0.15959	2.17E-04	7.31E-02	5.38E-05	5.04E-04	7.39E-02	1.98E-04	0.00E+00	7.17E-07	1.37E-05	2.12E-04	2.51E-04	7.31E-02	5.38E-05	5.04E-04	7.39E-02
5534	489202.85, 3859956.57	0.057	0.91755	0.01039	0.1669	2.30E-04	2.74E-02	6.63E-05	5.27E-04	2.82E-02	2.10E-04	0.00E+00	8.84E-07	1.44E-05	2.25E-04	2.67E-04	2.74E-02	6.63E-05	5.27E-04	2.82E-02
5535	489191.9, 3860676.74	0.0409	0.65307	0.00611	0.03704	1.65E-04	1.95E-02	3.90E-05	1.17E-04	1.98E-02	1.50E-04	0.00E+00	5.20E-07	3.19E-06	1.54E-04	1.91E-04	1.95E-02	3.90E-05	1.17E-04	1.98E-02
5536	488392.82, 3860687.88	0.03872	0.63304	0.00731	0.03539	1.57E-04	1.89E-02	4.66E-05	1.12E-04	1.92E-02	1.42E-04	0.00E+00	6.22E-07	3.05E-06	1.46E-04	1.81E-04	1.89E-02	4.66E-05	1.12E-04	1.92E-02
5537	488392.82, 3860760.27	0.03782	0.46637	0.00727	0.02872	1.53E-04	1.39E-02	4.64E-05	9.07E-05	1.42E-02	1.39E-04	0.00E+00	6.18E-07	2.47E-06	1.42E-04	1.77E-04	1.39E-02	4.64E-05	9.07E-05	1.42E-02
5538	487549.05, 3860777.45	0.03637	0.26236	0.00683	0.01768	1.47E-04	7.83E-03	4.36E-05	5.58E-05	8.07E-03	1.34E-04	0.00E+00	5.81E-07	1.52E-06	1.36E-04	1.70E-04	7.83E-03	4.36E-05	5.58E-05	8.10E-03
5539	487554.62, 3859571.83	0.0622	1.06065	0.00929	0.06608	2.51E-04	3.16E-02	5.93E-05	2.09E-04	3.22E-02	2.29E-04	0.00E+00	7.90E-07	5.69E-06	2.35E-04	2.91E-04	3.16E-02	5.93E-05	2.09E-04	3.22E-02
5540	485949.46, 3859558.54	0.06157	0.24459	0.01444	0.01752	2.49E-04	7.30E-03	9.21E-05	5.53E-05	7.69E-03	2.26E-04	0.00E+00	1.23E-06	1.51E-06	2.29E-04	2.88E-04	7.30E-03	9.21E-05	5.53E-05	7.73E-03
5541	485947.55, 3857943.61	0.1938	0.55837	0.02088	0.02399	7.83E-04	1.67E-02	1.33E-04	7.57E-05	1.77E-02	7.13E-04	0.00E+00	1.78E-06	2.07E-06	7.16E-04	9.06E-04	1.67E-02	1.33E-04	7.57E-05	1.78E-02
5542	484738.38, 3857940.21	0.14741	0.25529	0.01357	0.01573	5.96E-04	7.62E-03	8.66E-05	4.97E-05	8.35E-03	5.42E-04	0.00E+00	1.15E-06	1.35E-06	5.44E-04	6.89E-04	7.62E-03	8.66E-05	4.97E-05	8.44E-03

5543	484737.06, 3857535.68	0.18978	0.47157	0.01368	0.01965	7.67E-04	1.41E-02	8.73E-05	6.20E-05	1.50E-02	6.98E-04	0.00E+00	1.16E-06	1.69E-06	7.01E-04	8.88E-04	1.41E-02	8.73E-05	6.20E-05	1.51E-02
5544	483730.2, 3857530.13	0.13253	0.24707	0.0104	0.01873	5.36E-04	7.37E-03	6.63E-05	5.91E-05	8.03E-03	4.87E-04	0.00E+00	8.84E-07	1.61E-06	4.90E-04	6.20E-04	7.37E-03	6.63E-05	5.91E-05	8.12E-03
5545	483727.27, 3857130.01	0.15626	0.46837	0.01155	0.0258	6.32E-04	1.40E-02	7.37E-05	8.15E-05	1.48E-02	5.74E-04	0.00E+00	9.82E-07	2.22E-06	5.78E-04	7.31E-04	1.40E-02	7.37E-05	8.15E-05	1.49E-02
5546	483124.42, 3857123.45	0.12003	0.23167	0.01001	0.01876	4.85E-04	6.91E-03	6.38E-05	5.92E-05	7.52E-03	4.41E-04	0.00E+00	8.51E-07	1.62E-06	4.44E-04	5.61E-04	6.91E-03	6.38E-05	5.92E-05	7.60E-03
5547	483111.13, 3855921.03	0.16194	0.48886	0.00844	0.04674	6.55E-04	1.46E-02	5.38E-05	1.48E-04	1.54E-02	5.95E-04	0.00E+00	7.18E-07	4.02E-06	6.00E-04	7.57E-04	1.46E-02	5.38E-05	1.48E-04	1.55E-02
5548	482701.73, 3855918.24	0.12691	0.24757	0.00886	0.02875	5.13E-04	7.39E-03	5.65E-05	9.08E-05	8.05E-03	4.67E-04	0.00E+00	7.54E-07	2.48E-06	4.70E-04	5.94E-04	7.39E-03	5.65E-05	9.08E-05	8.13E-03
5549	482668.02, 3853521.78	0.04751	0.02731	0.0035	0.00809	1.92E-04	8.15E-04	2.23E-05	2.55E-05	1.05E-03	1.75E-04	0.00E+00	2.98E-07	6.97E-07	1.76E-04	2.22E-04	8.15E-04	2.23E-05	2.55E-05	1.08E-03
5550	482579.91, 3853219.19	0.04559	0.0234	0.00332	0.00697	1.84E-04	6.98E-04	2.12E-05	2.20E-05	9.26E-04	1.68E-04	0.00E+00	2.82E-07	6.00E-07	1.68E-04	2.13E-04	6.98E-04	2.12E-05	2.20E-05	9.54E-04
5551	482434.06, 3852961.94	0.04364	0.02053	0.00316	0.00618	1.76E-04	6.12E-04	2.02E-05	1.95E-05	8.29E-04	1.60E-04	0.00E+00	2.69E-07	5.32E-07	1.61E-04	2.04E-04	6.12E-04	2.02E-05	1.95E-05	8.56E-04
5552	482332.11, 3852832.85	0.04167	0.01939	0.00309	0.00582	1.68E-04	5.78E-04	1.97E-05	1.84E-05	7.85E-04	1.53E-04	0.00E+00	2.63E-07	5.01E-07	1.54E-04	1.95E-04	5.78E-04	1.97E-05	1.84E-05	8.11E-04
5553	481334.99, 3851818.96	0.02769	0.01425	0.00262	0.00414	1.12E-04	4.25E-04	1.67E-05	1.31E-05	5.67E-04	1.02E-04	0.00E+00	2.23E-07	3.56E-07	1.02E-04	1.29E-04	4.25E-04	1.67E-05	1.31E-05	5.84E-04
5554	481127.62, 3851646.36	0.02556	0.01381	0.00255	0.00395	1.03E-04	4.12E-04	1.63E-05	1.25E-05	5.44E-04	9.40E-05	0.00E+00	2.17E-07	3.40E-07	9.45E-05	1.20E-04	4.12E-04	1.63E-05	1.25E-05	5.60E-04
5555	481025.04, 3851591.73	0.02441	0.01369	0.00253	0.00387	9.87E-05	4.08E-04	1.61E-05	1.22E-05	5.35E-04	8.97E-05	0.00E+00	2.15E-07	3.33E-07	9.03E-05	1.14E-04	4.08E-04	1.61E-05	1.22E-05	5.51E-04
5556	480513.6, 3851335.76	0.01921	0.01283	0.00245	0.00358	7.77E-05	3.83E-04	1.56E-05	1.13E-05	4.87E-04	7.06E-05	0.00E+00	2.08E-07	3.08E-07	7.11E-05	8.98E-05	3.83E-04	1.56E-05	1.13E-05	5.00E-04
5557	480523.56, 3851317.66	0.01945	0.01273	0.00245	0.00358	7.86E-05	3.80E-04	1.56E-05	1.13E-05	4.85E-04	7.15E-05	0.00E+00	2.08E-07	3.08E-07	7.20E-05	9.10E-05	3.80E-04	1.56E-05	1.13E-05	4.98E-04
5558	476921.56, 3849569.11	0.00963	0.0076	0.00193	0.00261	3.89E-05	2.27E-04	1.23E-05	8.24E-06	2.86E-04	3.54E-05	0.00E+00	1.64E-07	2.25E-07	3.58E-05	4.50E-05	2.27E-04	1.23E-05	8.24E-06	2.92E-04
5559	476521.19, 3849373.96	0.00917	0.00652	0.00188	0.00256	3.71E-05	1.95E-04	1.20E-05	8.08E-06	2.52E-04	3.37E-05	0.00E+00	1.60E-07	2.20E-07	3.41E-05	4.29E-05	1.95E-04	1.20E-05	8.08E-06	2.57E-04
5560	476391.45, 3849333.38	0.00909	0.00627	0.00186	0.00255	3.67E-05	1.87E-04	1.19E-05	8.05E-06	2.44E-04	3.34E-05	0.00E+00	1.58E-07	2.20E-07	3.38E-05	4.25E-05	1.87E-04	1.19E-05	8.05E-06	2.49E-04
5561	476219.41, 3849304.29	0.00904	0.00593	0.00184	0.00255	3.65E-05	1.77E-04	1.17E-05	8.05E-06	2.33E-04	3.32E-05	0.00E+00	1.56E-07	2.20E-07	3.36E-05	4.23E-05	1.77E-04	1.17E-05	8.05E-06	2.39E-04
5562	475679.11, 3849218.47	0.0088	0.00505	0.00179	0.00255	3.56E-05	1.51E-04	1.14E-05	8.05E-06	2.06E-04	3.24E-05	0.00E+00	1.52E-07	2.20E-07	3.27E-05	4.12E-05	1.51E-04	1.14E-05	8.05E-06	2.11E-04
5563	475677.71, 3849233.88	0.00885	0.00508	0.00179	0.00256	3.58E-05	1.52E-04	1.14E-05	8.08E-06	2.07E-04	3.25E-05	0.00E+00	1.52E-07	2.20E-07	3.29E-05	4.14E-05	1.52E-04	1.14E-05	8.08E-06	2.12E-04
5564	475492.74, 3849204.66	0.00824	0.00421	0.00177	0.00254	3.33E-05	1.26E-04	1.13E-05	8.02E-06	1.78E-04	3.03E-05	0.00E+00	1.51E-07	2.19E-07	3.07E-05	3.85E-05	1.26E-04	1.13E-05	8.02E-06	1.83E-04
5565	475497.64, 3849158.75	0.00838	0.00444	0.00177	0.00253	3.39E-05	1.32E-04	1.13E-05	7.99E-06	1.86E-04	3.08E-05	0.00E+00	1.51E-07	2.18E-07	3.12E-05	3.92E-05	1.32E-04	1.13E-05	7.99E-06	1.91E-04
5566	475391.35, 3849141.94	0.00855	0.00468	0.00176	0.00253	3.46E-05	1.40E-04	1.12E-05	7.99E-06	1.93E-04	3.14E-05	0.00E+00	1.50E-07	2.18E-07	3.18E-05	4.00E-05	1.40E-04	1.12E-05	7.99E-06	1.99E-04
5567	475277, 3849095.47	0.00851	0.00472	0.00175	0.00252	3.44E-05	1.41E-04	1.12E-05	7.96E-06	1.94E-04	3.13E-05	0.00E+00	1.49E-07	2.17E-07	3.17E-05	3.98E-05	1.41E-04	1.12E-05	7.96E-06	2.00E-04
5568	475183.93, 3849025.66	0.00835	0.00464	0.00174	0.0025	3.38E-05	1.38E-04	1.11E-05	7.89E-06	1.91E-04	3.07E-05	0.00E+00	1.48E-07	2.15E-07	3.11E-05	3.90E-05	1.38E-04	1.11E-05	7.89E-06	1.96E-04
5569	474453.23, 3848378.77	0.00721	0.00411	0.00164	0.00233	2.91E-05	1.23E-04	1.05E-05	7.36E-06	1.70E-04	2.65E-05	0.00E+00	1.39E-07	2.01E-07	2.68E-05	3.37E-05	1.23E-04	1.05E-05	7.36E-06	1.74E-04
5570	474569.63, 3848399.34	0.00718	0.00404	0.00165	0.00233	2.90E-05	1.21E-04	1.05E-05	7.36E-06	1.67E-04	2.64E-05	0.00E+00	1.40E-07	2.01E-07	2.67E-05	3.36E-05	1.21E-04	1.05E-05	7.36E-06	1.72E-04
5571	474644.33, 3848464.52	0.0073	0.00411	0.00166	0.00235	2.95E-05	1.23E-04	1.06E-05	7.42E-06	1.70E-04	2.68E-05	0.00E+00	1.41E-07	2.02E-07	2.72E-05	3.41E-05	1.23E-04	1.06E-05	7.42E-06	1.75E-04
5572	474719.04, 3848529.7	0.00741	0.00416	0.00167	0.00236	3.00E-05	1.24E-04	1.07E-05	7.45E-06	1.72E-04	2.72E-05	0.00E+00	1.42E-07	2.03E-07	2.76E-05	3.47E-05	1.24E-04	1.07E-05	7.45E-06	1.77E-04
5573	474793.74, 3848594.88	0.00748	0.00417	0.00168	0.00238	3.02E-05	1.24E-04	1.07E-05	7.51E-06	1.73E-04	2.75E-05	0.00E+00	1.43E-07	2.05E-07	2.78E-05	3.50E-05	1.24E-04	1.07E-05	7.51E-06	1.78E-04
5574	474868.45, 3848660.07	0.00753	0.00413	0.00169	0.00239	3.04E-05	1.23E-04	1.08E-05	7.55E-06	1.72E-04	2.77E-05	0.00E+00	1.44E-07	2.06E-07	2.80E-05	3.52E-05	1.23E-04	1.08E-05	7.55E-06	1.77E-04
5575	474943.15, 3848725.25	0.00761	0.00414	0.0017	0.00241	3.08E-05	1.24E-04	1.08E-05	7.61E-06	1.73E-04	2.80E-05	0.00E+00	1.45E-07	2.08E-07	2.83E-05	3.56E-05	1.24E-04	1.08E-05	7.61E-06	1.78E-04
5576	475017.86, 3848790.43	0.00775	0.00423	0.00171	0.00243	3.13E-05	1.26E-04	1.09E-05	7.67E-06	1.76E-04	2.85E-05	0.00E+00	1.45E-07	2.09E-07	2.88E-05	3.62E-05	1.26E-04	1.09E-05	7.67E-06	1.81E-04
5577	475092.56, 3848855.61	0.00791	0.00434	0.00172	0.00245	3.20E-05	1.29E-04	1.10E-05	7.74E-06	1.80E-04	2.91E-05	0.00E+00	1.46E-07	2.11E-07	2.94E-05	3.70E-05	1.29E-04	1.10E-05	7.74E-06	1.85E-04
5578	475232.58, 3848959.38	0.00814	0.00448	0.00173	0.00248	3.29E-05	1.34E-04	1.10E-05	7.83E-06	1.85E-04	2.99E-05	0.00E+00	1.47E-07	2.14E-07	3.03E-05	3.81E-05	1.34E-04	1.10E-05	7.83E-06	1.91E-04
5579	475368.47, 3849029.98	0.00824	0.00451	0.00175	0.00249	3.33E-05	1.35E-04	1.12E-05	7.86E-06	1.87E-04	3.03E-05	0.00E+00	1.49E-07	2.14E-07	3.07E-05	3.85E-05	1.35E-04	1.12E-05	7.86E-06	1.92E-04
5580	475609.57, 3849096.09	0.0083	0.00453	0.00177	0.00251	3.36E-05	1.35E-04	1.13E-05	7.93E-06	1.88E-04	3.05E-05	0.00E+00	1.51E-07	2.16E-07	3.09E-05	3.88E-05	1.35E-04	1.13E-05	7.93E-06	1.93E-04
5581	475680.68, 3849116.62	0.00844	0.00473	0.00178	0.00251	3.41E-05	1.41E-04	1.14E-05	7.93E-06	1.95E-04	3.10E-05	0.00E+00	1.51E-07	2.16E-07	3.14E-05	3.95E-05	1.41E-04	1.14E-05	7.93E-06	2.00E-04
5582	475843.76, 3849151.52	0.00858	0.00503	0.00179	0.00252	3.47E-05	1.50E-04	1.14E-05	7.96E-06	2.04E-04	3.15E-05	0.00E+00	1.52E-07	2.17E-07	3.19E-05	4.01E-05	1.50E-04	1.14E-05	7.96E-06	2.10E-04
5583	475935.73, 3849165.89	0.00869	0.00533	0.0018	0.00252	3.51E-05	1.59E-04	1.15E-05	7.96E-06	2.14E-04	3.19E-05	0.00E+00	1.53E-07	2.17E-07	3.23E-05	4.06E-05	1.59E-04	1.15E-05	7.96E-06	2.19E-04
5584	476027.71, 3849180.27	0.00876	0.00561	0.00181	0.00252	3.54E-05	1.67E-04	1.15E-05	7.96E-06	2.22E-04	3.22E-05	0.00E+00	1.54E-07	2.17E-07	3.26E-05	4.10E-05	1.67E-04	1.15E-05	7.96E-06	2.28E-04
5585	476119.68, 3849194.64	0.00873	0.00558	0.00182	0.00252	3.53E-05	1.66E-04	1.16E-05	7.96E-06	2.21E-04	3.21E-05	0.00E+00	1.55E-07	2.17E-07	3.25E-05	4.08E-05	1.66E-04	1.16E-05	7.96E-06	2.27E-04
5586	476211.65, 3849209.01	0.00875	0.0057	0.00184	0.00252	3.54E-05	1.70E-04	1.17E-05	7.96E-06	2.25E-04	3.22E-05	0.00E+00	1.56E-07	2.17E-07	3.25E-05	4.09E-05	1.70E-04	1.17E-05	7.96E-06	2.31E-04
5587	476497.81, 3849283.9	0.0089	0.0063	0.00187	0.00253	3.60E-05	1.88E-04	1.19E-05	7.99E-06	2.44E-04	3.27E-05	0.00E+00	1.59E-07	2.18E-07	3.31E-05	4.16E-05	1.88E-04	1.19E-05	7.99E-06	2.49E-04
5588	476603.73, 3849323.77	0.00899	0.0066	0.00189	0.00254	3.63E-05	1.97E-04	1.21E-05	8.02E-06	2.53E-04	3.31E-05	0.00E+00	1.61E-07	2.19E-07	3.34E-05	4.20E-05	1.97E-04	1.21E-05	8.02E-06	2.59E-04
5589	476728.99, 3849382.76	0.00912	0.00692	0.0019	0.00255	3.69E-05	2.06E-04	1.21E-05	8.05E-06	2.63E-04	3.35E-05	0.00E+00	1.62E-07	2.20E-07	3.39E-05	4.27E-05	2.06E-04	1.21E-05	8.05E-06	2.69E-04
5590	476801.27, 3849418.65	0.0092	0.00712	0.00191	0.00256	3.72E-05	2.12E-04	1.22E-05	8.08E-06	2.70E-04	3.38E-05	0.00E+00	1.62E-07	2.20E-07	3.42E-05	4.30E-05	2.12E-04	1.22E-05	8.08E-06	2.76E-04
5591	476956.2, 3849495.05	0.00938	0.00756	0.00194	0.00258	3.79E-05	2.26E-04	1.24E-05	8.15E-06	2.84E-04	3.45E-05	0.00E+00	1.65E-07	2.22E-07	3.49E-05	4.39E-05	2.26E-04	1.24E-05	8.15E-06	2.90E-04
5592	477038.84, 3849535.56	0.00945	0.00769	0.00195	0.00259	3.82E-05	2.29E-04	1.24E-05	8.18E-06	2.88E-04	3.47E-05	0.00E+00	1.66E-07	2.23E-07	3.51E-05	4.42E-05	2.29E-04	1.24E-05	8.18E-06	2.94E-04
5593	477121.49, 3849576.08	0.00954	0.00791	0.00196	0.0026	3.86E-05	2.36E-04	1.25E-05	8.21E-06	2.95E-04	3.51E-05	0.00E+00	1.67E-07	2.24E-07	3.55E-05	4.46E-05	2.36E-04	1.25E-05	8.21E-06	3.01E-04
5594	477204.13, 3849616.6	0.00962	0.00803	0.00197	0.00261	3.89E-05	2.40E-04	1.26E-05	8.24E-06	2.99E-04	3.54E-05	0.00E+00	1.68E-07	2.25E-07	3.58E-05	4.50E-05	2.40E-04	1.26E-05	8.24E-06	3.05E-04
5595	477286.78, 3849657.12	0.00965	0.0079	0.00198	0.00263	3.90E-05	2.36E-04	1.26E-05	8.30E-06	2.96E-04	3.55E-05	0.00E+00	1.68E-07	2.26E-07	3.59E-05	4.51E-05	2.36E-04	1.26E-05	8.30E-06	3.02E-04
5596	477369.42, 3849697.63	0.00979	0.00842	0.00199	0.00264	3.96E-05	2.51E-04	1.27E-05	8.34E-06	3.12E-04	3.60E-05	0.00E+00	1.69E-07	2.27E-07	3.64E-05	4.58E-05	2.51E-04	1.27E-05	8.34E-06	3.18E-04
5597	477452.07, 3849738.15	0.00986	0.00856	0.00201	0.00265	3.99E-05	2.55E-04	1.28E-05	8.37E-06	3.16E-04	3.63E-05	0.00E+00	1.71E-07	2.28E-07	3.66E-05	4.61E-05	2.55E-04	1.28E-05	8.37E-06	3.23E-04
5598	477534.71, 3849778.67	0.00997	0.00896	0.00202	0.00266	4.03E-05	2.67E-04	1.29E-05	8.40E-06	3.29E-04	3.67E-05	0.00E+00	1.72E-07	2.29E-07	3.71E-05	4.66E-05	2.67E-04	1.29E-05	8.40E-06	3.35E-04
5599	477617.36, 3849819.18	0.01004	0.00909	0.00203	0.00268	4.06E-05	2.71E-04	1.29E-05	8.46E-06	3.33E-04	3.69E-05	0.00E+00	1.73E-07	2.31E-07	3.73E-05	4.70E-05	2.71E-04	1.29E-05	8.46E-06	3.40E-04
5600	477824.74, 3849896.37	0.01016	0.00953	0.00206	0.00271	4.11E-05	2.84E-04	1.31E-05	8.56E-06	3.47E-04	3.74E-05	0.00E+00	1.75E-07	2.33E-07	3.78E-05	4.75E-05	2.84E-04	1.31E-05	8.56E-06	3.54E-04
5601	477906.31, 3849936.37	0.01018	0.0093	0.00207	0.00273	4.11E-05	2.77E-04	1.32E-05	8.62E-06	3.40E-04	3.74E-05	0.00E+00	1.76E-07	2.35E-07	3.78E-05	4.76E-05	2.77E-04	1.32E-05	8.62E-06	3.47E-04

5602	477987.89, 3849976.36	0.01028	0.00955	0.00208	0.00275	4.16E-05	2.85E-04	1.33E-05	8.68E-06	3.48E-04	3.78E-05	0.00E+00	1.77E-07	2.37E-07	3.82E-05	4.81E-05	2.85E-04	1.33E-05	8.68E-06	3.55E-04
5603	478069.47, 3850016.36	0.01031	0.0094	0.00209	0.00277	4.17E-05	2.80E-04	1.33E-05	8.75E-06	3.44E-04	3.79E-05	0.00E+00	1.78E-07	2.39E-07	3.83E-05	4.82E-05	2.80E-04	1.33E-05	8.75E-06	3.51E-04
5604	478151.04, 3850056.35	0.01034	0.00926	0.0021	0.00279	4.18E-05	2.76E-04	1.34E-05	8.81E-06	3.40E-04	3.80E-05	0.00E+00	1.79E-07	2.40E-07	3.84E-05	4.84E-05	2.76E-04	1.34E-05	8.81E-06	3.47E-04
5605	478232.62, 3850096.35	0.01041	0.00937	0.00211	0.00281	4.21E-05	2.80E-04	1.35E-05	8.87E-06	3.44E-04	3.83E-05	0.00E+00	1.79E-07	2.42E-07	3.87E-05	4.87E-05	2.80E-04	1.35E-05	8.87E-06	3.51E-04
5606	478314.2, 3850136.34	0.0105	0.0095	0.00212	0.00283	4.24E-05	2.83E-04	1.35E-05	8.94E-06	3.48E-04	3.86E-05	0.00E+00	1.80E-07	2.44E-07	3.90E-05	4.91E-05	2.83E-04	1.35E-05	8.94E-06	3.55E-04
5607	478395.77, 3850176.34	0.0106	0.00963	0.00213	0.00286	4.28E-05	2.87E-04	1.36E-05	9.03E-06	3.53E-04	3.90E-05	0.00E+00	1.81E-07	2.46E-07	3.94E-05	4.96E-05	2.87E-04	1.36E-05	9.03E-06	3.59E-04
5608	478575.43, 3850244.45	0.01075	0.00985	0.00215	0.0029	4.35E-05	2.94E-04	1.37E-05	9.16E-06	3.60E-04	3.95E-05	0.00E+00	1.83E-07	2.50E-07	4.00E-05	5.03E-05	2.94E-04	1.37E-05	9.16E-06	3.67E-04
5609	478665.06, 3850287.29	0.01088	0.00998	0.00216	0.00293	4.40E-05	2.98E-04	1.38E-05	9.25E-06	3.65E-04	4.00E-05	0.00E+00	1.84E-07	2.52E-07	4.04E-05	5.09E-05	2.98E-04	1.38E-05	9.25E-06	3.72E-04
5610	478754.69, 3850330.14	0.01105	0.01012	0.00218	0.00295	4.47E-05	3.02E-04	1.39E-05	9.31E-06	3.70E-04	4.06E-05	0.00E+00	1.85E-07	2.54E-07	4.11E-05	5.17E-05	3.02E-04	1.39E-05	9.31E-06	3.77E-04
5611	478844.32, 3850372.99	0.01125	0.01031	0.00219	0.00297	4.55E-05	3.08E-04	1.40E-05	9.38E-06	3.76E-04	4.14E-05	0.00E+00	1.86E-07	2.56E-07	4.18E-05	5.26E-05	3.08E-04	1.40E-05	9.38E-06	3.84E-04
5612	478933.95, 3850415.84	0.01172	0.01053	0.0022	0.00299	4.74E-05	3.14E-04	1.40E-05	9.44E-06	3.85E-04	4.31E-05	0.00E+00	1.87E-07	2.57E-07	4.35E-05	5.48E-05	3.14E-04	1.40E-05	9.44E-06	3.92E-04
5613	479023.58, 3850458.68	0.01169	0.01052	0.00221	0.00302	4.73E-05	3.14E-04	1.41E-05	9.54E-06	3.85E-04	4.30E-05	0.00E+00	1.88E-07	2.60E-07	4.34E-05	5.47E-05	3.14E-04	1.41E-05	9.54E-06	3.92E-04
5614	479110.66, 3850441.91	0.01209	0.01051	0.00221	0.00303	4.89E-05	3.14E-04	1.41E-05	9.57E-06	3.86E-04	4.44E-05	0.00E+00	1.88E-07	2.61E-07	4.49E-05	5.65E-05	3.14E-04	1.41E-05	9.57E-06	3.94E-04
5615	479191.22, 3850423.99	0.01237	0.01038	0.0022	0.00304	5.00E-05	3.10E-04	1.40E-05	9.60E-06	3.83E-04	4.55E-05	0.00E+00	1.87E-07	2.62E-07	4.59E-05	5.78E-05	3.10E-04	1.40E-05	9.60E-06	3.91E-04
5616	479274.32, 3850465.71	0.01267	0.01043	0.00221	0.00307	5.12E-05	3.11E-04	1.41E-05	9.69E-06	3.86E-04	4.66E-05	0.00E+00	1.88E-07	2.64E-07	4.70E-05	5.93E-05	3.11E-04	1.41E-05	9.69E-06	3.94E-04
5617	479357.43, 3850507.42	0.013	0.01034	0.00222	0.0031	5.25E-05	3.08E-04	1.42E-05	9.79E-06	3.85E-04	4.78E-05	0.00E+00	1.89E-07	2.67E-07	4.83E-05	6.08E-05	3.08E-04	1.42E-05	9.79E-06	3.93E-04
5618	479440.53, 3850549.14	0.01303	0.0102	0.00222	0.00313	5.27E-05	3.04E-04	1.42E-05	9.88E-06	3.81E-04	4.79E-05	0.00E+00	1.89E-07	2.70E-07	4.84E-05	6.09E-05	3.04E-04	1.42E-05	9.88E-06	3.89E-04
5619	479523.64, 3850590.85	0.01337	0.01013	0.00223	0.00317	5.40E-05	3.02E-04	1.42E-05	1.00E-05	3.80E-04	4.92E-05	0.00E+00	1.90E-07	2.73E-07	4.96E-05	6.25E-05	3.02E-04	1.42E-05	1.00E-05	3.89E-04
5620	479606.74, 3850632.57	0.01381	0.01014	0.00224	0.00319	5.58E-05	3.03E-04	1.43E-05	1.01E-05	3.83E-04	5.08E-05	0.00E+00	1.91E-07	2.75E-07	5.12E-05	6.46E-05	3.03E-04	1.43E-05	1.01E-05	3.91E-04
5621	479777.37, 3850707.61	0.01487	0.01007	0.00225	0.00325	6.01E-05	3.00E-04	1.44E-05	1.03E-05	3.85E-04	5.47E-05	0.00E+00	1.91E-07	2.80E-07	5.51E-05	6.95E-05	3.00E-04	1.44E-05	1.03E-05	3.95E-04
5622	479864.9, 3850740.95	0.01557	0.01012	0.00226	0.00327	6.29E-05	3.02E-04	1.44E-05	1.03E-05	3.90E-04	5.72E-05	0.00E+00	1.92E-07	2.82E-07	5.77E-05	7.28E-05	3.02E-04	1.44E-05	1.03E-05	3.99E-04
5623	479931.87, 3850829.57	0.01577	0.01048	0.00229	0.00331	6.37E-05	3.13E-04	1.46E-05	1.05E-05	4.01E-04	5.80E-05	0.00E+00	1.95E-07	2.85E-07	5.85E-05	7.38E-05	3.13E-04	1.46E-05	1.05E-05	4.11E-04
5624	479995.55, 3850926.75	0.01609	0.01109	0.00232	0.00334	6.50E-05	3.31E-04	1.48E-05	1.05E-05	4.21E-04	5.92E-05	0.00E+00	1.97E-07	2.88E-07	5.96E-05	7.52E-05	3.31E-04	1.48E-05	1.05E-05	4.31E-04
5625	480079.78, 3850968.64	0.01668	0.01131	0.00233	0.00336	6.74E-05	3.37E-04	1.49E-05	1.06E-05	4.30E-04	6.13E-05	0.00E+00	1.98E-07	2.89E-07	6.18E-05	7.80E-05	3.37E-04	1.49E-05	1.06E-05	4.41E-04
5626	480164.01, 3851010.54	0.0173	0.0115	0.00234	0.00338	6.99E-05	3.43E-04	1.49E-05	1.07E-05	4.39E-04	6.36E-05	0.00E+00	1.99E-07	2.91E-07	6.41E-05	8.09E-05	3.43E-04	1.49E-05	1.07E-05	4.50E-04
5627	480248.23, 3851052.43	0.01795	0.0117	0.00236	0.00341	7.26E-05	3.49E-04	1.51E-05	1.08E-05	4.47E-04	6.60E-05	0.00E+00	2.01E-07	2.94E-07	6.65E-05	8.39E-05	3.49E-04	1.51E-05	1.08E-05	4.59E-04
5628	480332.46, 3851094.33	0.01863	0.01181	0.00237	0.00344	7.53E-05	3.52E-04	1.51E-05	1.09E-05	4.54E-04	6.85E-05	0.00E+00	2.02E-07	2.96E-07	6.90E-05	8.71E-05	3.52E-04	1.51E-05	1.09E-05	4.65E-04
5629	480416.69, 3851136.22	0.01936	0.01182	0.00238	0.00348	7.83E-05	3.53E-04	1.52E-05	1.10E-05	4.57E-04	7.12E-05	0.00E+00	2.02E-07	3.00E-07	7.17E-05	9.05E-05	3.53E-04	1.52E-05	1.10E-05	4.69E-04
5630	480579.95, 3851215.17	0.02087	0.01197	0.0024	0.00356	8.44E-05	3.57E-04	1.53E-05	1.12E-05	4.68E-04	7.67E-05	0.00E+00	2.04E-07	3.07E-07	7.72E-05	9.76E-05	3.57E-04	1.53E-05	1.12E-05	4.81E-04
5631	480658.98, 3851252.22	0.02163	0.01211	0.00241	0.0036	8.74E-05	3.61E-04	1.54E-05	1.14E-05	4.75E-04	7.95E-05	0.00E+00	2.05E-07	3.10E-07	8.00E-05	1.01E-04	3.61E-04	1.54E-05	1.14E-05	4.89E-04
5632	480817.36, 3851327.85	0.02318	0.01237	0.00243	0.00368	9.37E-05	3.69E-04	1.55E-05	1.16E-05	4.90E-04	8.52E-05	0.00E+00	2.07E-07	3.17E-07	8.57E-05	1.08E-04	3.69E-04	1.55E-05	1.16E-05	5.05E-04
5633	480896.72, 3851366.43	0.02396	0.01245	0.00244	0.00373	9.69E-05	3.71E-04	1.56E-05	1.18E-05	4.96E-04	8.81E-05	0.00E+00	2.08E-07	3.21E-07	8.86E-05	1.12E-04	3.71E-04	1.56E-05	1.18E-05	5.11E-04
5634	480976.07, 3851405	0.02473	0.01253	0.00246	0.00378	1.00E-04	3.74E-04	1.57E-05	1.19E-05	5.01E-04	9.09E-05	0.00E+00	2.09E-07	3.25E-07	9.15E-05	1.16E-04	3.74E-04	1.57E-05	1.19E-05	5.17E-04
5635	481178, 3851487.31	0.02659	0.01251	0.00248	0.00389	1.07E-04	3.73E-04	1.58E-05	1.23E-05	5.09E-04	9.78E-05	0.00E+00	2.11E-07	3.35E-07	9.83E-05	1.24E-04	3.73E-04	1.58E-05	1.23E-05	5.26E-04
5636	481244.9, 3851557.17	0.02721	0.01274	0.00251	0.00395	1.10E-04	3.80E-04	1.60E-05	1.25E-05	5.19E-04	1.00E-04	0.00E+00	2.13E-07	3.40E-07	1.01E-04	1.27E-04	3.80E-04	1.60E-05	1.25E-05	5.36E-04
5637	481311.81, 3851627.03	0.02787	0.01293	0.00254	0.00401	1.13E-04	3.86E-04	1.62E-05	1.27E-05	5.27E-04	1.02E-04	0.00E+00	2.16E-07	3.45E-07	1.03E-04	1.30E-04	3.86E-04	1.62E-05	1.27E-05	5.45E-04
5638	481378.71, 3851696.89	0.02856	0.0131	0.00256	0.00408	1.15E-04	3.91E-04	1.63E-05	1.29E-05	5.35E-04	1.05E-04	0.00E+00	2.18E-07	3.51E-07	1.06E-04	1.34E-04	3.91E-04	1.63E-05	1.29E-05	5.54E-04
5639	481445.61, 3851766.76	0.02927	0.01329	0.00259	0.00415	1.18E-04	3.96E-04	1.65E-05	1.31E-05	5.44E-04	1.08E-04	0.00E+00	2.20E-07	3.57E-07	1.08E-04	1.37E-04	3.96E-04	1.65E-05	1.31E-05	5.63E-04
5640	481512.51, 3851836.62	0.03004	0.01344	0.00261	0.00422	1.21E-04	4.01E-04	1.66E-05	1.33E-05	5.52E-04	1.10E-04	0.00E+00	2.22E-07	3.63E-07	1.11E-04	1.40E-04	4.01E-04	1.66E-05	1.33E-05	5.71E-04
5641	481579.42, 3851906.48	0.03083	0.0136	0.00264	0.0043	1.25E-04	4.06E-04	1.68E-05	1.36E-05	5.61E-04	1.13E-04	0.00E+00	2.25E-07	3.70E-07	1.14E-04	1.44E-04	4.06E-04	1.68E-05	1.36E-05	5.80E-04
5642	481646.32, 3851976.34	0.03166	0.0138	0.00267	0.00438	1.28E-04	4.12E-04	1.70E-05	1.38E-05	5.71E-04	1.16E-04	0.00E+00	2.27E-07	3.77E-07	1.17E-04	1.48E-04	4.12E-04	1.70E-05	1.38E-05	5.91E-04
5643	481713.22, 3852046.2	0.03258	0.01387	0.00269	0.00447	1.32E-04	4.14E-04	1.72E-05	1.41E-05	5.77E-04	1.20E-04	0.00E+00	2.29E-07	3.85E-07	1.20E-04	1.52E-04	4.14E-04	1.72E-05	1.41E-05	5.97E-04
5644	481780.12, 3852116.06	0.03346	0.01417	0.00272	0.00456	1.35E-04	4.23E-04	1.73E-05	1.44E-05	5.90E-04	1.23E-04	0.00E+00	2.31E-07	3.93E-07	1.24E-04	1.56E-04	4.23E-04	1.73E-05	1.44E-05	6.11E-04
5645	481847.03, 3852185.92	0.03435	0.0146	0.00275	0.00465	1.39E-04	4.36E-04	1.75E-05	1.47E-05	6.07E-04	1.26E-04	0.00E+00	2.34E-07	4.00E-07	1.27E-04	1.61E-04	4.36E-04	1.75E-05	1.47E-05	6.28E-04
5646	481913.93, 3852255.78	0.03525	0.01508	0.00279	0.00475	1.42E-04	4.50E-04	1.78E-05	1.50E-05	6.25E-04	1.30E-04	0.00E+00	2.37E-07	4.09E-07	1.30E-04	1.65E-04	4.50E-04	1.78E-05	1.50E-05	6.48E-04
5647	481980.83, 3852325.65	0.03614	0.01565	0.00283	0.00485	1.46E-04	4.67E-04	1.81E-05	1.53E-05	6.46E-04	1.33E-04	0.00E+00	2.41E-07	4.18E-07	1.34E-04	1.69E-04	4.67E-04	1.81E-05	1.53E-05	6.69E-04
5648	482047.73, 3852395.51	0.03716	0.01609	0.00286	0.00497	1.50E-04	4.80E-04	1.82E-05	1.57E-05	6.64E-04	1.37E-04	0.00E+00	2.43E-07	4.28E-07	1.37E-04	1.74E-04	4.80E-04	1.82E-05	1.57E-05	6.88E-04
5649	482114.64, 3852465.37	0.03813	0.01666	0.0029	0.0051	1.54E-04	4.97E-04	1.85E-05	1.61E-05	6.86E-04	1.40E-04	0.00E+00	2.47E-07	4.39E-07	1.41E-04	1.78E-04	4.97E-04	1.85E-05	1.61E-05	7.10E-04
5650	482181.54, 3852535.23	0.03935	0.01705	0.00293	0.00524	1.59E-04	5.09E-04	1.87E-05	1.65E-05	7.03E-04	1.45E-04	0.00E+00	2.49E-07	4.51E-07	1.45E-04	1.84E-04	5.09E-04	1.87E-05	1.65E-05	7.28E-04
5651	482338.69, 3852700.05	0.04229	0.01829	0.00302	0.00564	1.71E-04	5.46E-04	1.93E-05	1.78E-05	7.54E-04	1.55E-04	0.00E+00	2.57E-07	4.86E-07	1.56E-04	1.98E-04	5.46E-04	1.93E-05	1.78E-05	7.80E-04
5652	482404.05, 3852767.78	0.04365	0.01886	0.00305	0.00582	1.76E-04	5.63E-04	1.95E-05	1.84E-05	7.77E-04	1.60E-04	0.00E+00	2.59E-07	5.01E-07	1.61E-04	2.04E-04	5.63E-04	1.95E-05	1.84E-05	8.05E-04
5653	482469.4, 3852835.52	0.04508	0.01945	0.00309	0.00601	1.82E-04	5.80E-04	1.97E-05	1.90E-05	8.01E-04	1.66E-04	0.00E+00	2.63E-07	5.18E-07	1.67E-04	2.11E-04	5.80E-04	1.97E-05	1.90E-05	8.30E-04
5654	482534.75, 3852903.25	0.04671	0.01994	0.00312	0.00619	1.89E-04	5.95E-04	1.99E-05	1.95E-05	8.23E-04	1.72E-04	0.00E+00	2.65E-07	5.33E-07	1.73E-04	2.18E-04	5.95E-04	1.99E-05	1.95E-05	8.53E-04
5655	482600.11, 3852970.99	0.04833	0.02051	0.00316	0.00638	1.95E-04	6.12E-04	2.02E-05	2.01E-05	8.48E-04	1.78E-04	0.00E+00	2.69E-07	5.49E-07	1.79E-04	2.26E-04	6.12E-04	2.02E-05	2.01E-05	8.78E-04
5656	482706.71, 3853119.28	0.05149	0.02166	0.00324	0.0068	2.08E-04	6.46E-04	2.07E-05	2.15E-05	8.96E-04	1.89E-04	0.00E+00	2.76E-07	5.86E-07	1.90E-04	2.41E-04	6.46E-04	2.07E-05	2.15E-05	9.29E-04
5657	482747.96, 3853199.84	0.05255	0.02255	0.00329	0.00704	2.12E-04	6.73E-04	2.10E-05	2.22E-05	9.28E-04	1.93E-04	0.00E+00	2.80E-07	6.06E-07	1.94E-04	2.46E-04	6.73E-04	2.10E-05	2.22E-05	9.62E-04
5658	482789.21, 3853280.4	0.05347	0.02355	0.00335	0.0073	2.16E-04	7.03E-04	2.14E-05	2.30E-05	9.63E-04	1.97E-04	0.00E+00	2.85E-07	6.29E-07	1.97E-04	2.50E-04	7.03E-04	2.14E-05	2.30E-05	9.97E-04
5659	482830.46, 3853360.96	0.05443	0.02449	0.0034	0.00758	2.20E-04	7.31E-04	2.17E-05	2.39E-05	9.96E-04	2.00E-04	0.00E+00	2.89E-07	6.53E-07	2.01E-04	2.55E-04	7.31E-04	2.17E-05	2.39E-05	1.03E-03
5660	482871.71, 3853441.52	0.05539	0.02545	0.00345	0.00788	2.24E-04	7.59E-04	2.20E-05	2.49E-05	1.03E-03	2.04E-04	0.00E+00	2.93E-07	6.79E-07	2.05E-04	2.59E-04	7.59E-04	2.20E-05	2.49E-05	1.07E-03

5661	482912.95, 3853522.07	0.05673	0.02612	0.0035	0.0082	2.29E-04	7.79E-04	2.23E-05	2.59E-05	1.06E-03	2.09E-04	0.00E+00	2.98E-07	7.06E-07	2.10E-04	2.65E-04	7.79E-04	2.23E-05	2.59E-05	1.09E-03
5662	482954.2, 3853602.63	0.05819	0.0268	0.00355	0.00855	2.35E-04	8.00E-04	2.26E-05	2.70E-05	1.08E-03	2.14E-04	0.00E+00	3.02E-07	7.36E-07	2.15E-04	2.72E-04	8.00E-04	2.26E-05	2.70E-05	1.12E-03
5663	482995.45, 3853683.19	0.06003	0.02733	0.00359	0.00894	2.43E-04	8.15E-04	2.29E-05	2.82E-05	1.11E-03	2.21E-04	0.00E+00	3.05E-07	7.70E-07	2.22E-04	2.81E-04	8.15E-04	2.29E-05	2.82E-05	1.15E-03
5664	483036.7, 3853763.75	0.06226	0.02783	0.00364	0.00938	2.52E-04	8.30E-04	2.32E-05	2.96E-05	1.13E-03	2.29E-04	0.00E+00	3.10E-07	8.08E-07	2.30E-04	2.91E-04	8.30E-04	2.32E-05	2.96E-05	1.17E-03
5665	483214.2, 3853909.91	0.07327	0.02565	0.00373	0.01027	2.96E-04	7.65E-04	2.38E-05	3.24E-05	1.12E-03	2.69E-04	0.00E+00	3.17E-07	8.84E-07	2.71E-04	3.43E-04	7.65E-04	2.38E-05	3.24E-05	1.16E-03
5666	483307.01, 3853910.44	0.07917	0.02544	0.00374	0.01029	3.20E-04	7.59E-04	2.39E-05	3.25E-05	1.14E-03	2.91E-04	0.00E+00	3.18E-07	8.86E-07	2.92E-04	3.70E-04	7.59E-04	2.39E-05	3.25E-05	1.19E-03
5667	483399.83, 3853910.96	0.08607	0.02472	0.00374	0.01045	3.48E-04	7.37E-04	2.39E-05	3.30E-05	1.14E-03	3.16E-04	0.00E+00	3.18E-07	9.00E-07	3.18E-04	4.03E-04	7.37E-04	2.39E-05	3.30E-05	1.20E-03
5668	483494.52, 3854009.24	0.09383	0.02585	0.00382	0.01165	3.79E-04	7.71E-04	2.44E-05	3.68E-05	1.21E-03	3.45E-04	0.00E+00	3.25E-07	1.00E-06	3.46E-04	4.39E-04	7.71E-04	2.44E-05	3.68E-05	1.27E-03
5669	483496.41, 3854106.98	0.09469	0.02776	0.0039	0.01291	3.83E-04	8.28E-04	2.49E-05	4.08E-05	1.28E-03	3.48E-04	0.00E+00	3.32E-07	1.11E-06	3.50E-04	4.43E-04	8.28E-04	2.49E-05	4.08E-05	1.34E-03
5670	483577.56, 3854261.96	0.10554	0.02801	0.00401	0.01632	4.27E-04	8.36E-04	2.56E-05	5.15E-05	1.34E-03	3.88E-04	0.00E+00	3.41E-07	1.41E-06	3.90E-04	4.94E-04	8.36E-04	2.56E-05	5.15E-05	1.41E-03
5671	483656.83, 3854319.19	0.11255	0.02746	0.00406	0.01912	4.55E-04	8.19E-04	2.59E-05	6.04E-05	1.36E-03	4.14E-04	0.00E+00	3.45E-07	1.65E-06	4.16E-04	5.26E-04	8.19E-04	2.59E-05	6.04E-05	1.43E-03
5672	483736.1, 3854376.41	0.12039	0.02736	0.00412	0.02335	4.87E-04	8.16E-04	2.63E-05	7.37E-05	1.40E-03	4.43E-04	0.00E+00	3.50E-07	2.01E-06	4.45E-04	5.63E-04	8.16E-04	2.63E-05	7.37E-05	1.48E-03
5673	483815.37, 3854433.64	0.12813	0.02807	0.00418	0.02871	5.18E-04	8.37E-04	2.67E-05	9.06E-05	1.47E-03	4.71E-04	0.00E+00	3.55E-07	2.47E-06	4.74E-04	5.99E-04	8.37E-04	2.67E-05	9.06E-05	1.55E-03
5674	483894.63, 3854490.87	0.13429	0.0295	0.00424	0.03524	5.43E-04	8.80E-04	2.70E-05	1.11E-04	1.56E-03	4.94E-04	0.00E+00	3.61E-07	3.03E-06	4.97E-04	6.28E-04	8.80E-04	2.70E-05	1.11E-04	1.65E-03
5675	483973.9, 3854548.1	0.13882	0.03189	0.0043	0.04146	5.61E-04	9.51E-04	2.74E-05	1.31E-04	1.67E-03	5.10E-04	0.00E+00	3.66E-07	3.57E-06	5.14E-04	6.49E-04	9.51E-04	2.74E-05	1.31E-04	1.76E-03
5676	484053.17, 3854605.32	0.14596	0.03562	0.00437	0.04573	5.90E-04	1.06E-03	2.79E-05	1.44E-04	1.82E-03	5.37E-04	0.00E+00	3.72E-07	3.94E-06	5.41E-04	6.83E-04	1.06E-03	2.79E-05	1.44E-04	1.92E-03
5677	484214.97, 3854698.15	0.16723	0.04338	0.00449	0.04714	6.76E-04	1.29E-03	2.86E-05	1.49E-04	2.15E-03	6.15E-04	0.00E+00	3.82E-07	4.06E-06	6.19E-04	7.82E-04	1.29E-03	2.86E-05	1.49E-04	2.25E-03
5678	484297.5, 3854733.74	0.18912	0.04803	0.00454	0.04604	7.64E-04	1.43E-03	2.90E-05	1.45E-04	2.37E-03	6.95E-04	0.00E+00	3.86E-07	3.96E-06	7.00E-04	8.84E-04	1.43E-03	2.90E-05	1.45E-04	2.49E-03
5679	484380.03, 3854769.34	0.20339	0.05147	0.0046	0.04433	8.22E-04	1.54E-03	2.93E-05	1.40E-04	2.53E-03	7.48E-04	0.00E+00	3.91E-07	3.82E-06	7.52E-04	9.51E-04	1.54E-03	2.93E-05	1.40E-04	2.66E-03
5680	484462.56, 3854804.94	0.22929	0.05638	0.00465	0.04211	9.27E-04	1.68E-03	2.97E-05	1.33E-04	2.77E-03	8.43E-04	0.00E+00	3.95E-07	3.63E-06	8.47E-04	1.07E-03	1.68E-03	2.97E-05	1.33E-04	2.92E-03
5681	484545.09, 3854840.53	0.24597	0.05925	0.00471	0.03983	9.94E-04	1.77E-03	3.00E-05	1.26E-04	2.92E-03	9.04E-04	0.00E+00	4.01E-07	3.43E-06	9.08E-04	1.15E-03	1.77E-03	3.00E-05	1.26E-04	3.07E-03
5682	484691.88, 3854912.59	0.32231	0.06869	0.00483	0.03517	1.30E-03	2.05E-03	3.08E-05	1.11E-04	3.49E-03	1.18E-03	0.00E+00	4.11E-07	3.03E-06	1.19E-03	1.51E-03	2.05E-03	3.08E-05	1.11E-04	3.70E-03
5683	484830.81, 3855012.51	0.68059	0.08036	0.00499	0.03334	2.75E-03	2.40E-03	3.18E-05	1.05E-04	5.29E-03	2.50E-03	0.00E+00	4.24E-07	2.87E-06	2.51E-03	3.18E-03	2.40E-03	3.18E-05	1.05E-04	5.72E-03
5684	484905.48, 3855075.97	1.69591	0.0912	0.0051	0.03385	6.86E-03	2.72E-03	3.25E-05	1.07E-04	9.72E-03	6.24E-03	0.00E+00	4.34E-07	2.91E-06	6.24E-03	7.93E-03	2.72E-03	3.25E-05	1.07E-04	1.08E-02
5685	484980.14, 3855139.44	2.67527	0.09991	0.0052	0.03549	1.08E-02	2.98E-03	3.32E-05	1.12E-04	1.39E-02	9.84E-03	0.00E+00	4.42E-07	3.06E-06	9.84E-03	1.25E-02	2.98E-03	3.32E-05	1.12E-04	1.56E-02
5686	485054.81, 3855202.91	3.30601	0.1066	0.00532	0.0378	1.34E-02	3.18E-03	3.39E-05	1.19E-04	1.67E-02	1.22E-02	0.00E+00	4.52E-07	3.25E-06	1.22E-02	1.55E-02	3.18E-03	3.39E-05	1.19E-04	1.88E-02
5687	485129.48, 3855266.37	3.49452	0.10991	0.00544	0.04078	1.41E-02	3.28E-03	3.47E-05	1.29E-04	1.76E-02	1.28E-02	0.00E+00	4.63E-07	3.51E-06	1.29E-02	1.63E-02	3.28E-03	3.47E-05	1.29E-04	1.98E-02
5688	485204.15, 3855329.84	4.01799	0.11925	0.00557	0.04528	1.62E-02	3.56E-03	3.55E-05	1.43E-04	2.00E-02	1.48E-02	0.00E+00	4.74E-07	3.90E-06	1.48E-02	1.88E-02	3.56E-03	3.55E-05	1.43E-04	2.25E-02
5689	485278.82, 3855393.31	4.21573	0.12535	0.0057	0.05085	1.70E-02	3.74E-03	3.64E-05	1.61E-04	2.10E-02	1.55E-02	0.00E+00	4.85E-07	4.38E-06	1.55E-02	1.97E-02	3.74E-03	3.64E-05	1.61E-04	2.37E-02
5690	485353.48, 3855456.77	4.50685	0.13363	0.00584	0.05645	1.82E-02	3.99E-03	3.73E-05	1.78E-04	2.24E-02	1.66E-02	0.00E+00	4.97E-07	4.86E-06	1.66E-02	2.11E-02	3.99E-03	3.73E-05	1.78E-04	2.53E-02
5691	485428.15, 3855520.24	4.60847	0.13992	0.00599	0.06202	1.86E-02	4.17E-03	3.82E-05	1.96E-04	2.30E-02	1.69E-02	0.00E+00	5.09E-07	5.34E-06	1.69E-02	2.16E-02	4.17E-03	3.82E-05	1.96E-04	2.60E-02
5692	485502.82, 3855583.71	4.72036	0.14696	0.00615	0.06743	1.91E-02	4.38E-03	3.92E-05	2.13E-04	2.37E-02	1.74E-02	0.00E+00	5.23E-07	5.81E-06	1.74E-02	2.21E-02	4.38E-03	3.92E-05	2.13E-04	2.67E-02
5693	485577.49, 3855647.17	5.02482	0.15805	0.00632	0.07264	2.03E-02	4.72E-03	4.03E-05	2.29E-04	2.53E-02	1.85E-02	0.00E+00	5.37E-07	6.26E-06	1.85E-02	2.35E-02	4.72E-03	4.03E-05	2.29E-04	2.85E-02
5694	485652.16, 3855710.64	5.28856	0.1701	0.0065	0.07789	2.14E-02	5.07E-03	4.15E-05	2.46E-04	2.67E-02	1.94E-02	0.00E+00	5.53E-07	6.71E-06	1.95E-02	2.47E-02	5.07E-03	4.15E-05	2.46E-04	3.01E-02
5695	485726.83, 3855774.11	5.4439	0.17876	0.00669	0.08325	2.20E-02	5.33E-03	4.27E-05	2.63E-04	2.76E-02	2.00E-02	0.00E+00	5.69E-07	7.17E-06	2.00E-02	2.55E-02	5.33E-03	4.27E-05	2.63E-04	3.11E-02
5696	485801.49, 3855837.57	5.31842	0.18523	0.00689	0.08788	2.15E-02	5.53E-03	4.39E-05	2.77E-04	2.73E-02	1.96E-02	0.00E+00	5.86E-07	7.57E-06	1.96E-02	2.49E-02	5.53E-03	4.39E-05	2.77E-04	3.07E-02
5697	485876.16, 3855901.04	5.44873	0.19409	0.00711	0.09112	2.20E-02	5.79E-03	4.54E-05	2.88E-04	2.81E-02	2.00E-02	0.00E+00	6.05E-07	7.85E-06	2.00E-02	2.55E-02	5.79E-03	4.54E-05	2.88E-04	3.16E-02
5698	485950.83, 3855964.5	5.32791	0.20112	0.00735	0.0931	2.15E-02	6.00E-03	4.69E-05	2.94E-04	2.79E-02	1.96E-02	0.00E+00	6.25E-07	8.02E-06	1.96E-02	2.49E-02	6.00E-03	4.69E-05	2.94E-04	3.13E-02
5699	486025.5, 3856027.97	5.19575	0.20524	0.00761	0.0931	2.10E-02	6.12E-03	4.85E-05	2.94E-04	2.75E-02	1.91E-02	0.00E+00	6.47E-07	8.02E-06	1.91E-02	2.43E-02	6.12E-03	4.85E-05	2.94E-04	3.08E-02
5700	486100.17, 3856091.44	5.50353	0.22128	0.00788	0.09084	2.22E-02	6.60E-03	5.03E-05	2.87E-04	2.92E-02	2.02E-02	0.00E+00	6.70E-07	7.82E-06	2.02E-02	2.57E-02	6.60E-03	5.03E-05	2.87E-04	3.27E-02
5701	486174.83, 3856154.9	5.27603	0.22296	0.00819	0.08791	2.13E-02	6.65E-03	5.22E-05	2.78E-04	2.83E-02	1.94E-02	0.00E+00	6.97E-07	7.57E-06	1.94E-02	2.47E-02	6.65E-03	5.22E-05	2.78E-04	3.17E-02
5702	486249.5, 3856218.37	4.80359	0.21723	0.00854	0.08447	1.94E-02	6.48E-03	5.45E-05	2.67E-04	2.62E-02	1.77E-02	0.00E+00	7.26E-07	7.27E-06	1.77E-02	2.25E-02	6.48E-03	5.45E-05	2.67E-04	2.93E-02
5703	486324.17, 3856281.84	4.40951	0.21436	0.00894	0.08074	1.78E-02	6.40E-03	5.70E-05	2.55E-04	2.45E-02	1.62E-02	0.00E+00	7.60E-07	6.95E-06	1.62E-02	2.06E-02	6.40E-03	5.70E-05	2.55E-04	2.73E-02
5704	486398.84, 3856345.3	4.52437	0.22282	0.00933	0.07632	1.83E-02	6.65E-03	5.95E-05	2.41E-04	2.52E-02	1.66E-02	0.00E+00	7.93E-07	6.57E-06	1.66E-02	2.12E-02	6.65E-03	5.95E-05	2.41E-04	2.81E-02
5705	486473.51, 3856408.77	4.51014	0.22773	0.00978	0.07153	1.82E-02	6.79E-03	6.24E-05	2.26E-04	2.53E-02	1.66E-02	0.00E+00	8.32E-07	6.16E-06	1.66E-02	2.11E-02	6.79E-03	6.24E-05	2.26E-04	2.82E-02
5706	486548.17, 3856472.24	4.64481	0.23588	0.01026	0.06614	1.88E-02	7.04E-03	6.54E-05	2.09E-04	2.61E-02	1.71E-02	0.00E+00	8.73E-07	5.70E-06	1.71E-02	2.17E-02	7.04E-03	6.54E-05	2.09E-04	2.90E-02
5707	486622.84, 3856535.7	4.78632	0.24394	0.01079	0.06046	1.93E-02	7.28E-03	6.88E-05	1.91E-04	2.69E-02	1.76E-02	0.00E+00	9.18E-07	5.21E-06	1.76E-02	2.24E-02	7.28E-03	6.88E-05	1.91E-04	2.99E-02
5708	486765.48, 3856659.69	5.15387	0.26188	0.01198	0.04989	2.08E-02	7.81E-03	7.64E-05	1.58E-04	2.89E-02	1.89E-02	0.00E+00	1.02E-06	4.30E-06	1.90E-02	2.41E-02	7.81E-03	7.64E-05	1.58E-04	3.21E-02
5709	486833.44, 3856720.2	5.32299	0.26819	0.01267	0.04557	2.15E-02	8.00E-03	8.08E-05	1.44E-04	2.97E-02	1.96E-02	0.00E+00	1.08E-06	3.92E-06	1.96E-02	2.49E-02	8.00E-03	8.08E-05	1.44E-04	3.31E-02
5710	486901.41, 3856780.72	5.40448	0.27604	0.01343	0.04179	2.18E-02	8.24E-03	8.57E-05	1.32E-04	3.03E-02	1.99E-02	0.00E+00	1.14E-06	3.60E-06	1.99E-02	2.53E-02	8.24E-03	8.57E-05	1.32E-04	3.37E-02
5711	486969.38, 3856841.24	5.43395	0.28171	0.01432	0.03859	2.20E-02	8.40E-03	9.13E-05	1.22E-04	3.06E-02	2.00E-02	0.00E+00	1.22E-06	3.32E-06	2.00E-02	2.54E-02	8.40E-03	9.13E-05	1.22E-04	3.40E-02
5712	487037.34, 3856901.75	5.41567	0.28632	0.01535	0.03587	2.19E-02	8.54E-03	9.79E-05	1.13E-04	3.06E-02	1.99E-02	0.00E+00	1.31E-06	3.09E-06	1.99E-02	2.53E-02	8.54E-03	9.79E-05	1.13E-04	3.41E-02
5713	487271.23, 3856855.51	3.07217	0.2629	0.01732	0.03474	1.24E-02	7.84E-03	1.10E-04	1.10E-04	2.05E-02	1.13E-02	0.00E+00	1.47E-06	2.99E-06	1.13E-02	1.44E-02	7.84E-03	1.10E-04	1.10E-04	2.24E-02
5714	487368.96, 3856857.29	2.67613	0.25684	0.01891	0.03387	1.08E-02	7.66E-03	1.21E-04	1.07E-04	1.87E-02	9.84E-03	0.00E+00	1.61E-06	2.92E-06	9.84E-03	1.25E-02	7.66E-03	1.21E-04	1.07E-04	2.04E-02
5715	487466.68, 3856859.06	2.35144	0.25205	0.02077	0.03308	9.51E-03	7.52E-03	1.32E-04	1.04E-04	1.73E-02	8.65E-03	0.00E+00	1.77E-06	2.85E-06	8.65E-03	1.10E-02	7.52E-03	1.32E-04	1.04E-04	1.88E-02
5716	487636.44, 3856930	1.90808	0.2501	0.02572	0.03067	7.71E-03	7.46E-03	1.64E-04	9.68E-05	1.54E-02	7.02E-03	0.00E+00	2.19E-06	2.64E-06	7.02E-03	8.92E-03	7.46E-03	1.64E-04	9.68E-05	1.66E-02
5717	487709.57, 3856928.43	1.74707	0.24691	0.02782	0.03033	7.06E-03	7.37E-03	1.77E-04	9.58E-05	1.47E-02	6.42E-03	0.00E+00	2.37E-06	2.61E-06	6.43E-03	8.17E-03	7.37E-03	1.77E-04	9.58E-05	1.58E-02
5718	487782.55, 3856841.96	1.63974	0.23362	0.02752	0.03121	6.63E-03	6.97E-03	1.76E-04	9.85E-05	1.39E-02	6.03E-03	0.00E+00	2.34E-06	2.69E-06	6.03E-03	7.67E-03	6.97E-03	1.76E-04	9.85E-05	1.49E-02
5719	487849.83, 3856754.74	1.52427	0.22142	0.02544	0.03208	6.16E-03	6.61E-03	1.62E-04	1.01E-04	1.30E-02	5.60E-03	0.00E+00	2.16E-06	2.76E-06	5.61E-03	7.13E-03	6.61E-03	1.62E-04	1.01E-04	1.40E-02

5720	487918.03, 3856819.39	1.44251	0.22688	0.02603	0.03071	5.83E-03	6.77E-03	1.66E-04	9.70E-05	1.29E-02	5.30E-03	0.00E+00	2.21E-06	2.64E-06	5.31E-03	6.75E-03	6.77E-03	1.66E-04	9.70E-05	1.38E-02
5721	487918.8, 3856886.37	1.42328	0.2342	0.028	0.02989	5.75E-03	6.99E-03	1.79E-04	9.44E-05	1.30E-02	5.23E-03	0.00E+00	2.38E-06	2.57E-06	5.24E-03	6.66E-03	6.99E-03	1.79E-04	9.44E-05	1.39E-02
5722	488065.47, 3857127.51	1.01549	0.24663	0.03468	0.02767	4.10E-03	7.36E-03	2.21E-04	8.74E-05	1.18E-02	3.73E-03	0.00E+00	2.95E-06	2.38E-06	3.74E-03	4.75E-03	7.36E-03	2.21E-04	8.74E-05	1.24E-02
5723	488192.19, 3857385.84	0.62498	0.26965	0.05623	0.02894	2.53E-03	8.04E-03	3.59E-04	9.14E-05	1.10E-02	2.30E-03	0.00E+00	4.78E-06	2.49E-06	2.31E-03	2.92E-03	8.04E-03	3.59E-04	9.14E-05	1.14E-02
5724	488191.22, 3857473.87	0.53447	0.28212	0.06988	0.0305	2.16E-03	8.42E-03	4.46E-04	9.63E-05	1.11E-02	1.96E-03	0.00E+00	5.94E-06	2.63E-06	1.97E-03	2.50E-03	8.42E-03	4.46E-04	9.63E-05	1.15E-02
5725	488190.24, 3857561.91	0.4564	0.29618	0.08983	0.03265	1.84E-03	8.84E-03	5.73E-04	1.03E-04	1.14E-02	1.68E-03	0.00E+00	7.64E-06	2.81E-06	1.69E-03	2.13E-03	8.84E-03	5.73E-04	1.03E-04	1.16E-02
5726	488158.35, 3857691.13	0.36384	0.32075	0.1395	0.03689	1.47E-03	9.57E-03	8.90E-04	1.16E-04	1.20E-02	1.34E-03	0.00E+00	1.19E-05	3.18E-06	1.35E-03	1.70E-03	9.57E-03	8.90E-04	1.16E-04	1.23E-02
5727	488208.37, 3857816.66	0.29415	0.34579	0.43154	0.04219	1.19E-03	1.03E-02	2.75E-03	1.33E-04	1.44E-02	1.08E-03	0.00E+00	3.67E-05	3.63E-06	1.12E-03	1.38E-03	1.03E-02	2.75E-03	1.33E-04	1.46E-02
5728	488271.97, 3857874.6	0.26914	0.35682	1.95896	0.04498	1.09E-03	1.06E-02	1.25E-02	1.42E-04	2.44E-02	9.89E-04	0.00E+00	1.67E-04	3.87E-06	1.16E-03	1.26E-03	1.06E-02	1.25E-02	1.42E-04	2.45E-02
5729	488463.56, 3857942.31	0.24501	0.36308	3.09866	0.04785	9.90E-04	1.08E-02	1.98E-02	1.51E-04	3.17E-02	9.01E-04	0.00E+00	2.64E-04	4.12E-06	1.17E-03	1.15E-03	1.08E-02	1.98E-02	1.51E-04	3.19E-02
5730	488554.83, 3857940.83	0.24681	0.35539	2.38479	0.04719	9.98E-04	1.06E-02	1.52E-02	1.49E-04	2.70E-02	9.07E-04	0.00E+00	2.03E-04	4.06E-06	1.11E-03	1.15E-03	1.06E-02	1.52E-02	1.49E-04	2.71E-02
5731	488646.1, 3857939.36	0.2484	0.34765	1.87028	0.04649	1.00E-03	1.04E-02	1.19E-02	1.47E-04	2.35E-02	9.13E-04	0.00E+00	1.59E-04	4.00E-06	1.08E-03	1.16E-03	1.04E-02	1.19E-02	1.47E-04	2.36E-02
5732	488737.37, 3857937.88	0.24962	0.34003	1.5018	0.04576	1.01E-03	1.01E-02	9.58E-03	1.44E-04	2.09E-02	9.18E-04	0.00E+00	1.28E-04	3.94E-06	1.05E-03	1.17E-03	1.01E-02	9.58E-03	1.44E-04	2.10E-02
5733	488733.59, 3857960.57	0.24252	0.34538	1.46815	0.04683	9.80E-04	1.03E-02	9.36E-03	1.48E-04	2.08E-02	8.92E-04	0.00E+00	1.25E-04	4.03E-06	1.02E-03	1.13E-03	1.03E-02	9.36E-03	1.48E-04	2.10E-02
5734	488638.09, 3857961.57	0.24103	0.35359	1.85739	0.04768	9.74E-04	1.05E-02	1.18E-02	1.51E-04	2.35E-02	8.86E-04	0.00E+00	1.58E-04	4.11E-06	1.05E-03	1.13E-03	1.05E-02	1.18E-02	1.51E-04	2.37E-02
5735	488542.6, 3857962.56	0.23917	0.36221	2.42238	0.04851	9.67E-04	1.08E-02	1.55E-02	1.53E-04	2.74E-02	8.79E-04	0.00E+00	2.06E-04	4.18E-06	1.09E-03	1.12E-03	1.08E-02	1.55E-02	1.53E-04	2.75E-02
5736	488447.1, 3857963.56	0.23749	0.37029	3.25513	0.04926	9.60E-04	1.10E-02	2.08E-02	1.56E-04	3.29E-02	8.73E-04	0.00E+00	2.77E-04	4.24E-06	1.15E-03	1.11E-03	1.10E-02	2.08E-02	1.56E-04	3.31E-02
5737	488254.28, 3857890.36	0.26259	0.36256	2.1997	0.046	1.06E-03	1.08E-02	1.40E-02	1.45E-04	2.61E-02	9.65E-04	0.00E+00	1.87E-04	3.96E-06	1.16E-03	1.23E-03	1.08E-02	1.40E-02	1.45E-04	2.62E-02
5738	488191.69, 3857833.06	0.28661	0.35038	0.44025	0.04311	1.16E-03	1.05E-02	2.81E-03	1.36E-04	1.46E-02	1.05E-03	0.00E+00	3.74E-05	3.71E-06	1.09E-03	1.34E-03	1.05E-02	2.81E-03	1.36E-04	1.47E-02
5739	488129.5, 3857907.43	0.25672	0.37648	0.47575	0.04787	1.04E-03	1.12E-02	3.03E-03	1.51E-04	1.55E-02	9.44E-04	0.00E+00	4.05E-05	4.12E-06	9.88E-04	1.20E-03	1.12E-02	3.03E-03	1.51E-04	1.56E-02
5740	488196.47, 3857968.74	0.23613	0.39095	4.22819	0.05163	9.54E-04	1.17E-02	2.70E-02	1.63E-04	3.98E-02	8.68E-04	0.00E+00	3.60E-04	4.45E-06	1.23E-03	1.10E-03	1.17E-02	2.70E-02	1.63E-04	3.99E-02
5741	488263.44, 3858030.04	0.21868	0.4049	4.22613	0.05566	8.84E-04	1.21E-02	2.70E-02	1.76E-04	4.01E-02	8.04E-04	0.00E+00	3.59E-04	4.79E-06	1.17E-03	1.02E-03	1.21E-02	2.70E-02	1.76E-04	4.02E-02
5742	488400.64, 3858132.9	0.19358	0.42708	1.1082	0.06176	7.82E-04	1.27E-02	7.07E-03	1.95E-04	2.08E-02	7.12E-04	0.00E+00	9.42E-05	5.32E-06	8.11E-04	9.05E-04	1.27E-02	7.07E-03	1.95E-04	2.09E-02
5743	488519.89, 3858218.38	0.17452	0.45164	0.4968	0.06494	7.05E-04	1.35E-02	3.17E-03	2.05E-04	1.76E-02	6.42E-04	0.00E+00	4.23E-05	5.59E-06	6.89E-04	8.16E-04	1.35E-02	3.17E-03	2.05E-04	1.77E-02
5744	488647.97, 3858214.99	0.17437	0.43197	0.4881	0.06084	7.05E-04	1.29E-02	3.11E-03	1.92E-04	1.69E-02	6.41E-04	0.00E+00	4.15E-05	5.24E-06	6.88E-04	8.15E-04	1.29E-02	3.11E-03	1.92E-04	1.70E-02
5745	488727.05, 3858167.67	0.18499	0.40552	0.59522	0.05647	7.48E-04	1.21E-02	3.80E-03	1.78E-04	1.68E-02	6.80E-04	0.00E+00	5.06E-05	4.86E-06	7.36E-04	8.65E-04	1.21E-02	3.80E-03	1.78E-04	1.69E-02
5746	488806.12, 3858120.35	0.19795	0.38187	0.69312	0.05276	8.00E-04	1.14E-02	4.42E-03	1.67E-04	1.68E-02	7.28E-04	0.00E+00	5.89E-05	4.54E-06	7.91E-04	9.26E-04	1.14E-02	4.42E-03	1.67E-04	1.69E-02
5747	488885.2, 3858073.03	0.21178	0.36087	0.76312	0.0496	8.56E-04	1.08E-02	4.87E-03	1.57E-04	1.66E-02	7.79E-04	0.00E+00	6.49E-05	4.27E-06	8.48E-04	9.90E-04	1.08E-02	4.87E-03	1.57E-04	1.68E-02
5748	489055.76, 3857991.18	0.23505	0.32606	0.74682	0.04474	9.50E-04	9.73E-03	4.76E-03	1.41E-04	1.56E-02	8.64E-04	0.00E+00	6.35E-05	3.85E-06	9.32E-04	1.10E-03	9.73E-03	4.76E-03	1.41E-04	1.57E-02
5749	489245.39, 3857944.55	0.24618	0.29958	0.61427	0.04158	9.95E-04	8.94E-03	3.92E-03	1.31E-04	1.40E-02	9.05E-04	0.00E+00	5.22E-05	3.58E-06	9.61E-04	1.15E-03	8.94E-03	3.92E-03	1.31E-04	1.41E-02
5750	489430.63, 3857930.91	0.2455	0.28411	0.5009	0.0398	9.92E-04	8.48E-03	3.20E-03	1.26E-04	1.28E-02	9.03E-04	0.00E+00	4.26E-05	3.43E-06	9.49E-04	1.15E-03	8.48E-03	3.20E-03	1.26E-04	1.29E-02
5751	489517.74, 3857929.36	0.24357	0.27822	0.45803	0.03923	9.85E-04	8.30E-03	2.92E-03	1.24E-04	1.23E-02	8.95E-04	0.00E+00	3.90E-05	3.38E-06	9.38E-04	1.14E-03	8.30E-03	2.92E-03	1.24E-04	1.25E-02
5752	489604.86, 3857927.82	0.24161	0.27206	0.42152	0.03873	9.77E-04	8.12E-03	2.69E-03	1.22E-04	1.19E-02	8.88E-04	0.00E+00	3.58E-05	3.34E-06	9.27E-04	1.13E-03	8.12E-03	2.69E-03	1.22E-04	1.21E-02
5753	489691.97, 3857926.28	0.23916	0.26703	0.39054	0.03831	9.67E-04	7.97E-03	2.49E-03	1.21E-04	1.15E-02	8.79E-04	0.00E+00	3.32E-05	3.30E-06	9.16E-04	1.12E-03	7.97E-03	2.49E-03	1.21E-04	1.17E-02
5754	489779.08, 3857924.73	0.23667	0.26177	0.36373	0.03796	9.57E-04	7.81E-03	2.32E-03	1.20E-04	1.12E-02	8.70E-04	0.00E+00	3.09E-05	3.27E-06	9.04E-04	1.11E-03	7.81E-03	2.32E-03	1.20E-04	1.14E-02
5755	490017.55, 3857875.09	0.23784	0.24085	0.31736	0.0365	9.61E-04	7.19E-03	2.02E-03	1.15E-04	1.03E-02	8.74E-04	0.00E+00	2.70E-05	3.14E-06	9.05E-04	1.11E-03	7.19E-03	2.02E-03	1.15E-04	1.04E-02
5756	490033.82, 3857960.81	0.22161	0.25406	0.29109	0.03812	8.96E-04	7.58E-03	1.86E-03	1.20E-04	1.05E-02	8.15E-04	0.00E+00	2.48E-05	3.28E-06	8.43E-04	1.04E-03	7.58E-03	1.86E-03	1.20E-04	1.06E-02
5757	489959.15, 3857987.49	0.21888	0.26391	0.29701	0.03881	8.85E-04	7.87E-03	1.89E-03	1.23E-04	1.08E-02	8.05E-04	0.00E+00	2.53E-05	3.34E-06	8.33E-04	1.02E-03	7.87E-03	1.89E-03	1.23E-04	1.09E-02
5758	489791.49, 3858016.12	0.21929	0.27537	0.32153	0.03988	8.86E-04	8.22E-03	2.05E-03	1.26E-04	1.13E-02	8.06E-04	0.00E+00	2.73E-05	3.43E-06	8.37E-04	1.03E-03	8.22E-03	2.05E-03	1.26E-04	1.14E-02
5759	489698.51, 3858018.07	0.22116	0.28166	0.34468	0.04027	8.94E-04	8.40E-03	2.20E-03	1.27E-04	1.16E-02	8.13E-04	0.00E+00	2.93E-05	3.47E-06	8.46E-04	1.03E-03	8.40E-03	2.20E-03	1.27E-04	1.18E-02
5760	489605.52, 3858020.02	0.22279	0.28821	0.37155	0.04075	9.01E-04	8.60E-03	2.37E-03	1.29E-04	1.20E-02	8.19E-04	0.00E+00	3.16E-05	3.51E-06	8.54E-04	1.04E-03	8.60E-03	2.37E-03	1.29E-04	1.21E-02
5761	489512.53, 3858021.96	0.2241	0.29502	0.40302	0.04133	9.06E-04	8.80E-03	2.57E-03	1.30E-04	1.24E-02	8.24E-04	0.00E+00	3.43E-05	3.56E-06	8.62E-04	1.05E-03	8.80E-03	2.57E-03	1.30E-04	1.26E-02
5762	489419.55, 3858023.91	0.22487	0.30276	0.4405	0.04202	9.09E-04	9.03E-03	2.81E-03	1.33E-04	1.29E-02	8.27E-04	0.00E+00	3.75E-05	3.62E-06	8.68E-04	1.05E-03	9.03E-03	2.81E-03	1.33E-04	1.30E-02
5763	489228.47, 3858041.29	0.22364	0.31858	0.5228	0.04418	9.04E-04	9.50E-03	3.33E-03	1.39E-04	1.39E-02	8.22E-04	0.00E+00	4.45E-05	3.80E-06	8.70E-04	1.05E-03	9.50E-03	3.33E-03	1.39E-04	1.40E-02
5764	489065.75, 3858085.78	0.21176	0.34513	0.56643	0.04752	8.56E-04	1.03E-02	3.61E-03	1.50E-04	1.49E-02	7.79E-04	0.00E+00	4.82E-05	4.09E-06	8.31E-04	9.90E-04	1.03E-02	3.61E-03	1.50E-04	1.50E-02
5765	489001.12, 3858114.86	0.20379	0.35849	0.55384	0.04938	8.24E-04	1.07E-02	3.53E-03	1.56E-04	1.52E-02	7.49E-04	0.00E+00	4.71E-05	4.25E-06	8.01E-04	9.53E-04	1.07E-02	3.53E-03	1.56E-04	1.53E-02
5766	488861.89, 3858189.81	0.18364	0.39256	0.46756	0.05448	7.42E-04	1.17E-02	2.98E-03	1.72E-04	1.56E-02	6.75E-04	0.00E+00	3.98E-05	4.69E-06	7.20E-04	8.59E-04	1.17E-02	2.98E-03	1.72E-04	1.57E-02
5767	488787.29, 3858235.69	0.17207	0.41818	0.3976	0.05818	6.96E-04	1.25E-02	2.54E-03	1.84E-04	1.59E-02	6.33E-04	0.00E+00	3.38E-05	5.01E-06	6.71E-04	8.05E-04	1.25E-02	2.54E-03	1.84E-04	1.60E-02
5768	488712.68, 3858281.57	0.16367	0.44308	0.32579	0.06244	6.62E-04	1.32E-02	2.08E-03	1.97E-04	1.62E-02	6.02E-04	0.00E+00	2.77E-05	5.38E-06	6.35E-04	7.65E-04	1.32E-02	2.08E-03	1.97E-04	1.63E-02
5769	488654.39, 3858436.17	0.14441	0.51877	0.11625	0.07348	5.84E-04	1.55E-02	7.42E-04	2.32E-04	1.70E-02	5.31E-04	0.00E+00	9.89E-06	6.33E-06	5.47E-04	6.75E-04	1.55E-02	7.42E-04	2.32E-04	1.71E-02
5770	488726.31, 3858505.26	0.13662	0.53935	0.08853	0.0737	5.52E-04	1.61E-02	5.65E-04	2.33E-04	1.74E-02	5.02E-04	0.00E+00	7.53E-06	6.35E-06	5.16E-04	6.39E-04	1.61E-02	5.65E-04	2.33E-04	1.75E-02
5771	488880.6, 3858599.28	0.12634	0.57679	0.07043	0.07153	5.11E-04	1.72E-02	4.49E-04	2.26E-04	1.84E-02	4.64E-04	0.00E+00	5.99E-06	6.16E-06	4.77E-04	5.91E-04	1.72E-02	4.49E-04	2.26E-04	1.85E-02
5772	489008.06, 3858714.75	0.11627	0.66789	0.05244	0.07453	4.70E-04	1.99E-02	3.34E-04	2.35E-04	2.10E-02	4.27E-04	0.00E+00	4.46E-06	6.42E-06	4.38E-04	5.44E-04	1.99E-02	3.34E-04	2.35E-04	2.10E-02
5773	489071.48, 3858772.72	0.1118	0.71924	0.04638	0.07709	4.52E-04	2.15E-02	2.96E-04	2.43E-04	2.24E-02	4.11E-04	0.00E+00	3.94E-06	6.64E-06	4.22E-04	5.23E-04	2.15E-02	2.96E-04	2.43E-04	2.25E-02
5774	489244.6, 3858920.2	0.10135	0.82039	0.03608	0.08793	4.10E-04	2.45E-02	2.30E-04	2.78E-04	2.54E-02	3.73E-04	0.00E+00	3.07E-06	7.57E-06	3.83E-04	4.74E-04	2.45E-02	2.30E-04	2.78E-04	2.55E-02
5775	489239.69, 3858952.23	0.09987	0.86076	0.03342	0.09152	4.04E-04	2.57E-02	2.13E-04	2.89E-04	2.66E-02	3.67E-04	0.00E+00	2.84E-06	7.88E-06	3.78E-04	4.67E-04	2.57E-02	2.13E-04	2.89E-04	2.66E-02
5776	489121.67, 3858854.49	0.10646	0.81137	0.03852	0.0836	4.30E-04	2.42E-02	2.46E-04	2.64E-04	2.51E-02	3.91E-04	0.00E+00	3.28E-06	7.20E-06	4.02E-04	4.98E-04	2.42E-02	2.46E-04	2.64E-04	2.52E-02
5777	489059.59, 3858797.27	0.11053	0.75913	0.04265	0.07934	4.47E-04	2.26E-02	2.72E-04	2.51E-04	2.36E-02	4.06E-04	0.00E+00	3.63E-06	6.83E-06	4.17E-04	5.17E-04	2.26E-02	2.72E-04	2.51E-04	2.37E-02
5778	488997.52, 3858740.04	0.11497	0.70165	0.0478	0.07641	4.65E-04	2.09E-02	3.05E-04	2.41E-04	2.19E-02	4.23E-04	0.00E+00	4.07E-06	6.58E-06	4.33E-04	5.38E-04	2.09E-02	3.05E-04	2.41E-04	2.20E-02

5779	488935.44, 3858682.82	0.11954	0.64895	0.05423	0.07424	4.83E-04	1.94E-02	3.46E-04	2.34E-04	2.04E-02	4.39E-04	0.00E+00	4.61E-06	6.39E-06	4.50E-04	5.59E-04	1.94E-02	3.46E-04	2.34E-04	2.05E-02
5780	488869.17, 3858848.43	0.11	0.98087	0.03055	0.08905	4.45E-04	2.93E-02	1.95E-04	2.81E-04	3.02E-02	4.04E-04	0.00E+00	2.60E-06	7.67E-06	4.15E-04	5.14E-04	2.93E-02	1.95E-04	2.81E-04	3.03E-02
5781	488932.48, 3858892.69	0.10669	1.03909	0.02923	0.0921	4.31E-04	3.10E-02	1.86E-04	2.91E-04	3.19E-02	3.92E-04	0.00E+00	2.49E-06	7.93E-06	4.03E-04	4.99E-04	3.10E-02	1.86E-04	2.91E-04	3.20E-02
5782	489063.27, 3858977.17	0.101	1.06676	0.02739	0.1001	4.08E-04	3.18E-02	1.75E-04	3.16E-04	3.27E-02	3.71E-04	0.00E+00	2.33E-06	8.62E-06	3.82E-04	4.72E-04	3.18E-02	1.75E-04	3.16E-04	3.28E-02
5783	489248.2, 3859117.15	0.09262	0.99477	0.02436	0.11244	3.74E-04	2.97E-02	1.55E-04	3.55E-04	3.06E-02	3.41E-04	0.00E+00	2.07E-06	9.68E-06	3.52E-04	4.33E-04	2.97E-02	1.55E-04	3.55E-04	3.06E-02
5784	489296.25, 3859049.22	0.09471	0.90933	0.02846	0.10066	3.83E-04	2.71E-02	1.82E-04	3.18E-04	2.80E-02	3.48E-04	0.00E+00	2.42E-06	8.67E-06	3.59E-04	4.43E-04	2.71E-02	1.82E-04	3.18E-04	2.81E-02
5785	489353.38, 3858993.97	0.09633	0.82126	0.03296	0.09209	3.89E-04	2.45E-02	2.10E-04	2.91E-04	2.54E-02	3.54E-04	0.00E+00	2.80E-06	7.93E-06	3.65E-04	4.50E-04	2.45E-02	2.10E-04	2.91E-04	2.55E-02
5786	489537.25, 3859120.22	0.08877	0.7732	0.02883	0.09839	3.59E-04	2.31E-02	1.84E-04	3.11E-04	2.39E-02	3.26E-04	0.00E+00	2.45E-06	8.47E-06	3.37E-04	4.15E-04	2.31E-02	1.84E-04	3.11E-04	2.40E-02
5787	489726.98, 3859246.04	0.08185	0.70164	0.02563	0.09796	3.31E-04	2.09E-02	1.63E-04	3.09E-04	2.17E-02	3.01E-04	0.00E+00	2.18E-06	8.44E-06	3.12E-04	3.83E-04	2.09E-02	1.63E-04	3.09E-04	2.18E-02
5788	489911.46, 3859366.33	0.07622	0.62461	0.02337	0.09194	3.08E-04	1.86E-02	1.49E-04	2.90E-04	1.94E-02	2.80E-04	0.00E+00	1.99E-06	7.92E-06	2.90E-04	3.56E-04	1.86E-02	1.49E-04	2.90E-04	1.94E-02
5789	490035.3, 3859430.26	0.07282	0.58832	0.02218	0.08726	2.94E-04	1.76E-02	1.41E-04	2.76E-04	1.83E-02	2.68E-04	0.00E+00	1.89E-06	7.51E-06	2.77E-04	3.41E-04	1.76E-02	1.41E-04	2.76E-04	1.83E-02
5790	490101.11, 3859458.61	0.07145	0.56811	0.02183	0.0843	2.89E-04	1.69E-02	1.39E-04	2.66E-04	1.76E-02	2.63E-04	0.00E+00	1.86E-06	7.26E-06	2.72E-04	3.34E-04	1.69E-02	1.39E-04	2.66E-04	1.77E-02
5791	490312.68, 3859560.3	0.06711	0.5134	0.02055	0.07431	2.71E-04	1.53E-02	1.31E-04	2.35E-04	1.60E-02	2.47E-04	0.00E+00	1.75E-06	6.40E-06	2.55E-04	3.14E-04	1.53E-02	1.31E-04	2.35E-04	1.60E-02
5792	490401.63, 3859603.12	0.06551	0.49313	0.0201	0.06992	2.65E-04	1.47E-02	1.28E-04	2.21E-04	1.53E-02	2.41E-04	0.00E+00	1.71E-06	6.02E-06	2.49E-04	3.06E-04	1.47E-02	1.28E-04	2.21E-04	1.54E-02
5793	490490.57, 3859645.94	0.06403	0.47391	0.0197	0.06557	2.59E-04	1.41E-02	1.26E-04	2.07E-04	1.47E-02	2.35E-04	0.00E+00	1.68E-06	5.65E-06	2.43E-04	2.99E-04	1.41E-02	1.26E-04	2.07E-04	1.48E-02
5794	490579.51, 3859688.76	0.06269	0.45491	0.01936	0.06135	2.53E-04	1.36E-02	1.23E-04	1.94E-04	1.41E-02	2.30E-04	0.00E+00	1.65E-06	5.28E-06	2.37E-04	2.93E-04	1.36E-02	1.23E-04	1.94E-04	1.42E-02
5795	490668.45, 3859731.58	0.06153	0.43476	0.01914	0.05735	2.49E-04	1.30E-02	1.22E-04	1.81E-04	1.35E-02	2.26E-04	0.00E+00	1.63E-06	4.94E-06	2.33E-04	2.88E-04	1.30E-02	1.22E-04	1.81E-04	1.36E-02
5796	490757.4, 3859774.4	0.06009	0.42039	0.01865	0.05378	2.43E-04	1.25E-02	1.19E-04	1.70E-04	1.31E-02	2.21E-04	0.00E+00	1.59E-06	4.63E-06	2.27E-04	2.81E-04	1.25E-02	1.19E-04	1.70E-04	1.31E-02
5797	491003.53, 3859861.82	0.0575	0.37967	0.01809	0.04595	2.32E-04	1.13E-02	1.15E-04	1.45E-04	1.18E-02	2.11E-04	0.00E+00	1.54E-06	3.96E-06	2.17E-04	2.69E-04	1.13E-02	1.15E-04	1.45E-04	1.19E-02
5798	491081.41, 3859879.05	0.05695	0.36897	0.018	0.04413	2.30E-04	1.10E-02	1.15E-04	1.39E-04	1.15E-02	2.09E-04	0.00E+00	1.53E-06	3.80E-06	2.15E-04	2.66E-04	1.10E-02	1.15E-04	1.39E-04	1.15E-02
5799	491229.76, 3859917.82	0.05579	0.34917	0.01767	0.04089	2.26E-04	1.04E-02	1.13E-04	1.29E-04	1.09E-02	2.05E-04	0.00E+00	1.50E-06	3.52E-06	2.10E-04	2.61E-04	1.04E-02	1.13E-04	1.29E-04	1.09E-02
5800	491300.22, 3859939.35	0.05512	0.34014	0.01742	0.03945	2.23E-04	1.01E-02	1.11E-04	1.25E-04	1.06E-02	2.03E-04	0.00E+00	1.48E-06	3.40E-06	2.08E-04	2.58E-04	1.01E-02	1.11E-04	1.25E-04	1.06E-02
5801	491350.49, 3860012.03	0.05275	0.33049	0.01627	0.03733	2.13E-04	9.86E-03	1.04E-04	1.18E-04	1.03E-02	1.94E-04	0.00E+00	1.38E-06	3.21E-06	1.99E-04	2.47E-04	9.86E-03	1.04E-04	1.18E-04	1.03E-02
5802	491406.82, 3860092.57	0.05056	0.3172	0.01531	0.0348	2.04E-04	9.46E-03	9.77E-05	1.10E-04	9.88E-03	1.86E-04	0.00E+00	1.30E-06	3.00E-06	1.90E-04	2.36E-04	9.46E-03	9.77E-05	1.10E-04	9.91E-03
5803	491483.37, 3860121.96	0.04994	0.30594	0.01516	0.03327	2.02E-04	9.13E-03	9.67E-05	1.05E-04	9.53E-03	1.84E-04	0.00E+00	1.29E-06	2.86E-06	1.88E-04	2.34E-04	9.13E-03	9.67E-05	1.05E-04	9.56E-03
5804	491559.91, 3860151.36	0.04929	0.29508	0.01498	0.03181	1.99E-04	8.80E-03	9.56E-05	1.00E-04	9.20E-03	1.81E-04	0.00E+00	1.27E-06	2.74E-06	1.85E-04	2.31E-04	8.80E-03	9.56E-05	1.00E-04	9.23E-03
5805	491711.81, 3860237.76	0.04858	0.26787	0.01518	0.028	1.96E-04	7.99E-03	9.68E-05	8.84E-05	8.37E-03	1.79E-04	0.00E+00	1.29E-06	2.41E-06	1.82E-04	2.27E-04	7.99E-03	9.68E-05	8.84E-05	8.40E-03
5806	491755.2, 3860319.07	0.04542	0.25818	0.01353	0.02595	1.84E-04	7.70E-03	8.63E-05	8.19E-05	8.05E-03	1.67E-04	0.00E+00	1.15E-06	2.23E-06	1.70E-04	2.12E-04	7.70E-03	8.63E-05	8.19E-05	8.08E-03
5807	491704.71, 3860366.54	0.04451	0.25671	0.013	0.02516	1.80E-04	7.66E-03	8.29E-05	7.94E-05	8.00E-03	1.64E-04	0.00E+00	1.11E-06	2.17E-06	1.67E-04	2.08E-04	7.66E-03	8.29E-05	7.94E-05	8.03E-03
5808	491623.43, 3860462.39	0.04283	0.25054	0.01204	0.02332	1.73E-04	7.47E-03	7.68E-05	7.36E-05	7.80E-03	1.57E-04	0.00E+00	1.02E-06	2.01E-06	1.60E-04	2.00E-04	7.47E-03	7.68E-05	7.36E-05	7.83E-03
5809	491534.02, 3860439.85	0.04465	0.26076	0.01273	0.02457	1.80E-04	7.78E-03	8.12E-05	7.76E-05	8.12E-03	1.64E-04	0.00E+00	1.08E-06	2.12E-06	1.67E-04	2.09E-04	7.78E-03	8.12E-05	7.76E-05	8.15E-03
5810	491313.95, 3860268.18	0.04635	0.30541	0.01305	0.03003	1.87E-04	9.11E-03	8.32E-05	9.48E-05	9.48E-03	1.70E-04	0.00E+00	1.11E-06	2.59E-06	1.74E-04	2.17E-04	9.11E-03	8.32E-05	9.48E-05	9.51E-03
5811	491187.12, 3860143.56	0.04936	0.33822	0.01413	0.03561	2.00E-04	1.01E-02	9.01E-05	1.12E-04	1.05E-02	1.81E-04	0.00E+00	1.20E-06	3.07E-06	1.86E-04	2.31E-04	1.01E-02	9.01E-05	1.12E-04	1.05E-02
5812	491070.43, 3860075.97	0.05124	0.36157	0.01471	0.03953	2.07E-04	1.08E-02	9.38E-05	1.25E-04	1.12E-02	1.88E-04	0.00E+00	1.25E-06	3.40E-06	1.93E-04	2.40E-04	1.08E-02	9.38E-05	1.25E-04	1.12E-02
5813	490995.09, 3860039.39	0.05227	0.37587	0.015	0.04176	2.11E-04	1.12E-02	9.57E-05	1.32E-04	1.17E-02	1.92E-04	0.00E+00	1.28E-06	3.60E-06	1.97E-04	2.44E-04	1.12E-02	9.57E-05	1.32E-04	1.17E-02
5814	490919.75, 3860002.8	0.05335	0.39032	0.01531	0.04408	2.16E-04	1.16E-02	9.77E-05	1.39E-04	1.21E-02	1.96E-04	0.00E+00	1.30E-06	3.80E-06	2.01E-04	2.49E-04	1.16E-02	9.77E-05	1.39E-04	1.21E-02
5815	490756.81, 3859894.53	0.05671	0.42129	0.01652	0.05038	2.29E-04	1.26E-02	1.05E-04	1.59E-04	1.31E-02	2.08E-04	0.00E+00	1.40E-06	4.34E-06	2.14E-04	2.65E-04	1.26E-02	1.05E-04	1.59E-04	1.31E-02
5816	490668.07, 3859860.92	0.05766	0.43915	0.01665	0.05377	2.33E-04	1.31E-02	1.06E-04	1.70E-04	1.36E-02	2.12E-04	0.00E+00	1.42E-06	4.63E-06	2.18E-04	2.70E-04	1.31E-02	1.06E-04	1.70E-04	1.36E-02
5817	490579.34, 3859827.3	0.05885	0.45624	0.0169	0.05734	2.38E-04	1.36E-02	1.08E-04	1.81E-04	1.41E-02	2.16E-04	0.00E+00	1.44E-06	4.94E-06	2.23E-04	2.75E-04	1.36E-02	1.08E-04	1.81E-04	1.42E-02
5818	490490.6, 3859793.68	0.05992	0.47508	0.01704	0.06143	2.42E-04	1.42E-02	1.09E-04	1.94E-04	1.47E-02	2.20E-04	0.00E+00	1.45E-06	5.29E-06	2.27E-04	2.80E-04	1.42E-02	1.09E-04	1.94E-04	1.48E-02
5819	490401.86, 3859760.07	0.06111	0.49481	0.01722	0.06589	2.47E-04	1.48E-02	1.10E-04	2.08E-04	1.53E-02	2.25E-04	0.00E+00	1.46E-06	5.67E-06	2.32E-04	2.86E-04	1.48E-02	1.10E-04	2.08E-04	1.54E-02
5820	490313.12, 3859726.45	0.0625	0.51431	0.01745	0.07067	2.53E-04	1.53E-02	1.11E-04	2.23E-04	1.59E-02	2.30E-04	0.00E+00	1.48E-06	6.09E-06	2.37E-04	2.92E-04	1.53E-02	1.11E-04	2.23E-04	1.60E-02
5821	490224.39, 3859692.83	0.06404	0.53467	0.0177	0.07584	2.59E-04	1.60E-02	1.13E-04	2.39E-04	1.66E-02	2.35E-04	0.00E+00	1.51E-06	6.53E-06	2.43E-04	2.99E-04	1.60E-02	1.13E-04	2.39E-04	1.66E-02
5822	490135.65, 3859659.22	0.06577	0.55426	0.018	0.08135	2.66E-04	1.65E-02	1.15E-04	2.57E-04	1.72E-02	2.42E-04	0.00E+00	1.53E-06	7.01E-06	2.50E-04	3.08E-04	1.65E-02	1.15E-04	2.57E-04	1.72E-02
5823	489918.19, 3859559.23	0.07062	0.61556	0.01889	0.09659	2.85E-04	1.84E-02	1.20E-04	3.05E-04	1.91E-02	2.60E-04	0.00E+00	1.61E-06	8.32E-06	2.70E-04	3.30E-04	1.84E-02	1.20E-04	3.05E-04	1.91E-02
5824	489743.61, 3859486	0.07446	0.68487	0.01923	0.10875	3.01E-04	2.04E-02	1.23E-04	3.43E-04	2.12E-02	2.74E-04	0.00E+00	1.64E-06	9.36E-06	2.85E-04	3.48E-04	2.04E-02	1.23E-04	3.43E-04	2.12E-02
5825	489660.32, 3859440.27	0.07661	0.72895	0.01952	0.11361	3.10E-04	2.17E-02	1.25E-04	3.59E-04	2.25E-02	2.82E-04	0.00E+00	1.66E-06	9.78E-06	2.93E-04	3.58E-04	2.17E-02	1.25E-04	3.59E-04	2.26E-02
5826	489577.04, 3859394.53	0.07886	0.77908	0.01981	0.11814	3.19E-04	2.32E-02	1.26E-04	3.73E-04	2.41E-02	2.90E-04	0.00E+00	1.68E-06	1.02E-05	3.02E-04	3.69E-04	2.32E-02	1.26E-04	3.73E-04	2.41E-02
5827	489493.75, 3859348.8	0.08111	0.83782	0.02005	0.12238	3.28E-04	2.50E-02	1.28E-04	3.86E-04	2.58E-02	2.98E-04	0.00E+00	1.71E-06	1.05E-05	3.10E-04	3.79E-04	2.50E-02	1.28E-04	3.86E-04	2.59E-02
5828	489321.28, 3859240.02	0.08663	0.97515	0.02098	0.12641	3.50E-04	2.91E-02	1.34E-04	3.99E-04	3.00E-02	3.18E-04	0.00E+00	1.78E-06	1.09E-05	3.31E-04	4.05E-04	2.91E-02	1.34E-04	3.99E-04	3.00E-02
5829	489235.41, 3859193.96	0.08937	1.04325	0.0213	0.12579	3.61E-04	3.11E-02	1.36E-04	3.97E-04	3.20E-02	3.29E-04	0.00E+00	1.81E-06	1.08E-05	3.41E-04	4.18E-04	3.11E-02	1.36E-04	3.97E-04	3.21E-02
5830	489149.54, 3859147.89	0.09168	1.13886	0.02146	0.1239	3.71E-04	3.40E-02	1.37E-04	3.91E-04	3.49E-02	3.37E-04	0.00E+00	1.83E-06	1.07E-05	3.50E-04	4.29E-04	3.40E-02	1.37E-04	3.91E-04	3.49E-02
5831	489063.68, 3859101.82	0.09439	1.23019	0.02181	0.12075	3.82E-04	3.67E-02	1.39E-04	3.81E-04	3.76E-02	3.47E-04	0.00E+00	1.85E-06	1.04E-05	3.59E-04	4.41E-04	3.67E-02	1.39E-04	3.81E-04	3.77E-02
5832	488977.81, 3859055.75	0.0972	1.33207	0.02225	0.11586	3.93E-04	3.97E-02	1.42E-04	3.66E-04	4.06E-02	3.57E-04	0.00E+00	1.89E-06	9.98E-06	3.69E-04	4.55E-04	3.97E-02	1.42E-04	3.66E-04	4.07E-02
5833	488891.94, 3859009.69	0.09955	1.49201	0.02261	0.10986	4.02E-04	4.45E-02	1.44E-04	3.47E-04	4.54E-02	3.66E-04	0.00E+00	1.92E-06	9.46E-06	3.77E-04	4.66E-04	4.45E-02	1.44E-04	3.47E-04	4.55E-02
5834	488808, 3859060.73	0.09564	1.97026	0.0199	0.12132	3.87E-04	5.88E-02	1.27E-04	3.83E-04	5.97E-02	3.52E-04	0.00E+00	1.69E-06	1.04E-05	3.64E-04	4.47E-04	5.88E-02	1.27E-04	3.83E-04	5.97E-02
5835	488809.93, 3859157.85	0.08927	2.06723	0.01741	0.1507	3.61E-04	6.17E-02	1.11E-04	4.76E-04	6.26E-02	3.28E-04	0.00E+00	1.48E-06	1.30E-05	3.43E-04	4.17E-04	6.17E-02	1.11E-04	4.76E-04	6.27E-02
5836	488811.86, 3859254.96	0.08334	2.14592	0.01536	0.1855	3.37E-04	6.40E-02	9.80E-05	5.86E-04	6.50E-02	3.06E-04	0.00E+00	1.31E-06	1.60E-05	3.24E-04	3.90E-04	6.40E-02	9.80E-05	5.86E-04	6.51E-02
5837	488813.78, 3859352.07	0.07802	2.19742	0.01366	0.20205	3.15E-04	6.56E-02	8.71E-05	6.38E-04	6.66E-02	2.87E-04	0.00E+00	1.16E-06	1.74E-05	3.05E-04	3.65E-04	6.56E-02	8.71E-05	6.38E-04	6.66E-02

5838	488815.71, 3859449.19	0.07351	2.19149	0.01228	0.22273	2.97E-04	6.54E-02	7.83E-05	7.03E-04	6.65E-02	2.70E-04	0.00E+00	1.04E-06	1.92E-05	2.90E-04	3.44E-04	6.54E-02	7.83E-05	7.03E-04	6.65E-02
5839	488910.04, 3859547.11	0.0698	1.43535	0.01191	0.26794	2.82E-04	4.28E-02	7.60E-05	8.46E-04	4.40E-02	2.57E-04	0.00E+00	1.01E-06	2.31E-05	2.81E-04	3.26E-04	4.28E-02	7.60E-05	8.46E-04	4.41E-02
5840	489002.45, 3859547.91	0.07031	1.239	0.01283	0.24261	2.84E-04	3.70E-02	8.18E-05	7.66E-04	3.81E-02	2.58E-04	0.00E+00	1.09E-06	2.09E-05	2.80E-04	3.29E-04	3.70E-02	8.18E-05	7.66E-04	3.81E-02
5841	489094.85, 3859548.72	0.07102	1.09717	0.01375	0.21729	2.87E-04	3.27E-02	8.77E-05	6.86E-04	3.38E-02	2.61E-04	0.00E+00	1.17E-06	1.87E-05	2.81E-04	3.32E-04	3.27E-02	8.77E-05	6.86E-04	3.38E-02
5842	489230.05, 3859601.87	0.06969	0.92272	0.01411	0.19195	2.82E-04	2.75E-02	9.00E-05	6.06E-04	2.85E-02	2.56E-04	0.00E+00	1.20E-06	1.65E-05	2.74E-04	3.26E-04	2.75E-02	9.00E-05	6.06E-04	2.85E-02
5843	489227.52, 3859680.89	0.06635	0.87927	0.01327	0.19564	2.68E-04	2.62E-02	8.46E-05	6.18E-04	2.72E-02	2.44E-04	0.00E+00	1.13E-06	1.68E-05	2.62E-04	3.10E-04	2.62E-02	8.46E-05	6.18E-04	2.72E-02
5844	489133.47, 3859760.29	0.06286	0.89708	0.01164	0.21635	2.54E-04	2.68E-02	7.42E-05	6.83E-04	2.78E-02	2.31E-04	0.00E+00	9.90E-07	1.86E-05	2.51E-04	2.94E-04	2.68E-02	7.42E-05	6.83E-04	2.78E-02
5845	489041.96, 3859760.67	0.06251	0.94583	0.01079	0.25032	2.53E-04	2.82E-02	6.88E-05	7.90E-04	2.93E-02	2.30E-04	0.00E+00	9.18E-07	2.16E-05	2.52E-04	2.92E-04	2.82E-02	6.88E-05	7.90E-04	2.94E-02
5846	488950.45, 3859761.05	0.06218	1.00236	0.01002	0.29439	2.51E-04	2.99E-02	6.39E-05	9.29E-04	3.11E-02	2.29E-04	0.00E+00	8.52E-07	2.53E-05	2.55E-04	2.91E-04	2.99E-02	6.39E-05	9.29E-04	3.12E-02
5847	488858.94, 3859761.43	0.06195	1.06893	0.0094	0.35316	2.50E-04	3.19E-02	6.00E-05	1.12E-03	3.33E-02	2.28E-04	0.00E+00	7.99E-07	3.04E-05	2.59E-04	2.90E-04	3.19E-02	6.00E-05	1.12E-03	3.34E-02
5848	488767.43, 3859761.82	0.06152	1.15884	0.00889	0.43709	2.49E-04	3.46E-02	5.67E-05	1.38E-03	3.63E-02	2.26E-04	0.00E+00	7.56E-07	3.76E-05	2.65E-04	2.88E-04	3.46E-02	5.67E-05	1.38E-03	3.63E-02
5849	488675.92, 3859762.2	0.06125	1.28022	0.00858	0.56259	2.48E-04	3.82E-02	5.47E-05	1.78E-03	4.03E-02	2.25E-04	0.00E+00	7.30E-07	4.84E-05	2.74E-04	2.86E-04	3.82E-02	5.47E-05	1.78E-03	4.03E-02
5850	488584.41, 3859762.58	0.0608	1.45792	0.00852	0.74907	2.46E-04	4.35E-02	5.43E-05	2.37E-03	4.62E-02	2.24E-04	0.00E+00	7.25E-07	6.45E-05	2.89E-04	2.84E-04	4.35E-02	5.43E-05	2.37E-03	4.62E-02
5851	488492.9, 3859762.96	0.06037	1.7451	0.0087	0.93545	2.44E-04	5.21E-02	5.55E-05	2.95E-03	5.53E-02	2.22E-04	0.00E+00	7.40E-07	8.06E-05	3.03E-04	2.82E-04	5.21E-02	5.55E-05	2.95E-03	5.54E-02
5852	488402.76, 3859830.95	0.05779	2.34536	0.00885	0.32786	2.34E-04	7.00E-02	5.64E-05	1.04E-03	7.13E-02	2.12E-04	0.00E+00	7.53E-07	2.82E-05	2.41E-04	2.70E-04	7.00E-02	5.64E-05	1.04E-03	7.13E-02
5853	488404.14, 3859898.55	0.05563	2.35189	0.00861	0.17274	2.25E-04	7.02E-02	5.49E-05	5.45E-04	7.10E-02	2.05E-04	0.00E+00	7.32E-07	1.49E-05	2.20E-04	2.60E-04	7.02E-02	5.49E-05	5.45E-04	7.10E-02
5854	488505.18, 3859964.96	0.05436	1.97537	0.00798	0.21761	2.20E-04	5.89E-02	5.09E-05	6.87E-04	5.99E-02	2.00E-04	0.00E+00	6.79E-07	1.87E-05	2.19E-04	2.54E-04	5.89E-02	5.09E-05	6.87E-04	5.99E-02
5855	488604.85, 3859963.76	0.05489	1.76899	0.00773	0.25339	2.22E-04	5.28E-02	4.93E-05	8.00E-04	5.38E-02	2.02E-04	0.00E+00	6.57E-07	2.18E-05	2.24E-04	2.57E-04	5.28E-02	4.93E-05	8.00E-04	5.39E-02
5856	488704.51, 3859962.56	0.05537	1.60252	0.00767	0.26433	2.24E-04	4.78E-02	4.89E-05	8.35E-04	4.89E-02	2.04E-04	0.00E+00	6.52E-07	2.28E-05	2.27E-04	2.59E-04	4.78E-02	4.89E-05	8.35E-04	4.90E-02
5857	488804.18, 3859961.37	0.0558	1.42063	0.00787	0.25711	2.26E-04	4.24E-02	5.02E-05	8.12E-04	4.35E-02	2.05E-04	0.00E+00	6.69E-07	2.21E-05	2.28E-04	2.61E-04	4.24E-02	5.02E-05	8.12E-04	4.35E-02
5858	488903.85, 3859960.17	0.05619	1.23652	0.00827	0.23597	2.27E-04	3.69E-02	5.28E-05	7.45E-04	3.79E-02	2.07E-04	0.00E+00	7.03E-07	2.03E-05	2.28E-04	2.63E-04	3.69E-02	5.28E-05	7.45E-04	3.80E-02
5859	489003.52, 3859958.97	0.05645	1.09976	0.00883	0.21163	2.28E-04	3.28E-02	5.63E-05	6.68E-04	3.38E-02	2.08E-04	0.00E+00	7.51E-07	1.82E-05	2.27E-04	2.64E-04	3.28E-02	5.63E-05	6.68E-04	3.38E-02
5860	489103.18, 3859957.77	0.05669	0.99805	0.00954	0.1882	2.29E-04	2.98E-02	6.09E-05	5.94E-04	3.07E-02	2.08E-04	0.00E+00	8.11E-07	1.62E-05	2.25E-04	2.65E-04	2.98E-02	6.09E-05	5.94E-04	3.07E-02
5861	489201.48, 3860046.59	0.05459	0.97813	0.00961	0.14822	2.21E-04	2.92E-02	6.13E-05	4.68E-04	2.99E-02	2.01E-04	0.00E+00	8.17E-07	1.28E-05	2.14E-04	2.55E-04	2.92E-02	6.13E-05	4.68E-04	3.00E-02
5862	489200.11, 3860136.61	0.05226	1.05212	0.0089	0.12908	2.11E-04	3.14E-02	5.68E-05	4.08E-04	3.21E-02	1.92E-04	0.00E+00	7.57E-07	1.11E-05	2.04E-04	2.44E-04	3.14E-02	5.68E-05	4.08E-04	3.21E-02
5863	489198.74, 3860226.63	0.05011	1.25867	0.00828	0.11394	2.03E-04	3.76E-02	5.28E-05	3.60E-04	3.82E-02	1.84E-04	0.00E+00	7.04E-07	9.81E-06	1.95E-04	2.34E-04	3.76E-02	5.28E-05	3.60E-04	3.82E-02
5864	489197.38, 3860316.66	0.04801	1.85309	0.00772	0.09892	1.94E-04	5.53E-02	4.92E-05	3.12E-04	5.58E-02	1.77E-04	0.00E+00	6.57E-07	8.52E-06	1.86E-04	2.25E-04	5.53E-02	4.92E-05	3.12E-04	5.59E-02
5865	489196.01, 3860406.68	0.04613	1.93776	0.00724	0.08038	1.86E-04	5.78E-02	4.62E-05	2.54E-04	5.83E-02	1.70E-04	0.00E+00	6.16E-07	6.92E-06	1.77E-04	2.16E-04	5.78E-02	4.62E-05	2.54E-04	5.83E-02
5866	489194.64, 3860496.7	0.04417	1.77178	0.0068	0.06275	1.79E-04	5.29E-02	4.34E-05	1.98E-04	5.33E-02	1.62E-04	0.00E+00	5.78E-07	5.40E-06	1.68E-04	2.07E-04	5.29E-02	4.34E-05	1.98E-04	5.33E-02
5867	489193.27, 3860586.72	0.0425	1.15481	0.00643	0.04818	1.72E-04	3.45E-02	4.10E-05	1.52E-04	3.48E-02	1.56E-04	0.00E+00	5.47E-07	4.15E-06	1.61E-04	1.99E-04	3.45E-02	4.10E-05	1.52E-04	3.48E-02
5868	489092.02, 3860678.13	0.04062	0.6709	0.00587	0.03859	1.64E-04	2.00E-02	3.74E-05	1.22E-04	2.03E-02	1.49E-04	0.00E+00	4.99E-07	3.32E-06	1.53E-04	1.90E-04	2.00E-02	3.74E-05	1.22E-04	2.04E-02
5869	488992.13, 3860679.53	0.04034	0.68225	0.00575	0.03976	1.63E-04	2.04E-02	3.67E-05	1.26E-04	2.07E-02	1.48E-04	0.00E+00	4.89E-07	3.42E-06	1.52E-04	1.89E-04	2.04E-02	3.67E-05	1.26E-04	2.07E-02
5870	488892.25, 3860680.92	0.04006	0.68616	0.00577	0.03996	1.62E-04	2.05E-02	3.68E-05	1.26E-04	2.08E-02	1.47E-04	0.00E+00	4.91E-07	3.44E-06	1.51E-04	1.87E-04	2.05E-02	3.68E-05	1.26E-04	2.08E-02
5871	488792.36, 3860682.31	0.03969	0.67927	0.00588	0.03877	1.60E-04	2.03E-02	3.75E-05	1.22E-04	2.06E-02	1.46E-04	0.00E+00	5.00E-07	3.34E-06	1.50E-04	1.86E-04	2.03E-02	3.75E-05	1.22E-04	2.06E-02
5872	488692.48, 3860683.7	0.03935	0.67109	0.00607	0.03669	1.59E-04	2.00E-02	3.87E-05	1.16E-04	2.03E-02	1.45E-04	0.00E+00	5.16E-07	3.16E-06	1.48E-04	1.84E-04	2.00E-02	3.87E-05	1.16E-04	2.04E-02
5873	488592.59, 3860685.1	0.03886	0.64779	0.00631	0.03478	1.57E-04	1.93E-02	4.02E-05	1.10E-04	1.96E-02	1.43E-04	0.00E+00	5.37E-07	2.99E-06	1.46E-04	1.82E-04	1.93E-02	4.02E-05	1.10E-04	1.97E-02
5874	488492.71, 3860686.49	0.0387	0.63949	0.00672	0.03504	1.56E-04	1.91E-02	4.29E-05	1.11E-04	1.94E-02	1.42E-04	0.00E+00	5.72E-07	3.02E-06	1.46E-04	1.81E-04	1.91E-02	4.29E-05	1.11E-04	1.94E-02
5875	488299.07, 3860762.18	0.03773	0.44741	0.00785	0.02803	1.53E-04	1.33E-02	5.01E-05	8.85E-05	1.36E-02	1.39E-04	0.00E+00	6.68E-07	2.41E-06	1.42E-04	1.76E-04	1.33E-02	5.01E-05	8.85E-05	1.37E-02
5876	488205.32, 3860764.09	0.03739	0.42443	0.00825	0.02656	1.51E-04	1.27E-02	5.26E-05	8.39E-05	1.29E-02	1.37E-04	0.00E+00	7.02E-07	2.29E-06	1.40E-04	1.75E-04	1.27E-02	5.26E-05	8.39E-05	1.30E-02
5877	488111.56, 3860766	0.03704	0.39468	0.00842	0.02482	1.50E-04	1.18E-02	5.37E-05	7.84E-05	1.21E-02	1.36E-04	0.00E+00	7.16E-07	2.14E-06	1.39E-04	1.73E-04	1.18E-02	5.37E-05	7.84E-05	1.21E-02
5878	488017.81, 3860767.91	0.03673	0.36337	0.00836	0.02371	1.48E-04	1.08E-02	5.33E-05	7.49E-05	1.11E-02	1.35E-04	0.00E+00	7.11E-07	2.04E-06	1.38E-04	1.72E-04	1.08E-02	5.33E-05	7.49E-05	1.11E-02
5879	487924.06, 3860769.81	0.03653	0.33618	0.00814	0.02251	1.48E-04	1.00E-02	5.19E-05	7.11E-05	1.03E-02	1.34E-04	0.00E+00	6.92E-07	1.94E-06	1.37E-04	1.71E-04	1.00E-02	5.19E-05	7.11E-05	1.03E-02
5880	487830.31, 3860771.72	0.0364	0.31311	0.00784	0.02144	1.47E-04	9.34E-03	5.00E-05	6.77E-05	9.61E-03	1.34E-04	0.00E+00	6.67E-07	1.85E-06	1.36E-04	1.70E-04	9.34E-03	5.00E-05	6.77E-05	9.63E-03
5881	487736.55, 3860773.63	0.03629	0.29418	0.00751	0.02013	1.47E-04	8.78E-03	4.79E-05	6.36E-05	9.03E-03	1.33E-04	0.00E+00	6.39E-07	1.73E-06	1.36E-04	1.70E-04	8.78E-03	4.79E-05	6.36E-05	9.06E-03
5882	487642.8, 3860775.54	0.03627	0.27816	0.00716	0.01883	1.47E-04	8.30E-03	4.57E-05	5.95E-05	8.55E-03	1.33E-04	0.00E+00	6.09E-07	1.62E-06	1.36E-04	1.70E-04	8.30E-03	4.57E-05	5.95E-05	8.57E-03
5883	487549.48, 3860684.71	0.03754	0.30404	0.00691	0.01966	1.52E-04	9.07E-03	4.41E-05	6.21E-05	9.33E-03	1.38E-04	0.00E+00	5.88E-07	1.69E-06	1.40E-04	1.76E-04	9.07E-03	4.41E-05	6.21E-05	9.35E-03
5884	487549.91, 3860591.97	0.03872	0.3546	0.00699	0.02141	1.57E-04	1.06E-02	4.46E-05	6.76E-05	1.08E-02	1.42E-04	0.00E+00	5.94E-07	1.84E-06	1.45E-04	1.81E-04	1.06E-02	4.46E-05	6.76E-05	1.09E-02
5885	487550.34, 3860499.23	0.04016	0.41377	0.00711	0.02385	1.62E-04	1.23E-02	4.54E-05	7.53E-05	1.26E-02	1.48E-04	0.00E+00	6.05E-07	2.05E-06	1.50E-04	1.88E-04	1.23E-02	4.54E-05	7.53E-05	1.27E-02
5886	487550.76, 3860406.49	0.04177	0.46314	0.00724	0.0277	1.69E-04	1.38E-02	4.62E-05	8.75E-05	1.41E-02	1.54E-04	0.00E+00	6.16E-07	2.39E-06	1.57E-04	1.95E-04	1.38E-02	4.62E-05	8.75E-05	1.41E-02
5887	487551.19, 3860313.75	0.04335	0.49737	0.00735	0.03196	1.75E-04	1.48E-02	4.69E-05	1.01E-04	1.52E-02	1.59E-04	0.00E+00	6.25E-07	2.75E-06	1.63E-04	2.03E-04	1.48E-02	4.69E-05	1.01E-04	1.52E-02
5888	487551.62, 3860221.01	0.04511	0.52817	0.00747	0.03537	1.82E-04	1.58E-02	4.76E-05	1.12E-04	1.61E-02	1.66E-04	0.00E+00	6.35E-07	3.05E-06	1.70E-04	2.11E-04	1.58E-02	4.76E-05	1.12E-04	1.61E-02
5889	487552.05, 3860128.27	0.04725	0.56645	0.00764	0.03846	1.91E-04	1.69E-02	4.87E-05	1.21E-04	1.73E-02	1.74E-04	0.00E+00	6.50E-07	3.31E-06	1.78E-04	2.21E-04	1.69E-02	4.87E-05	1.21E-04	1.73E-02
5890	487552.48, 3860035.53	0.04945	0.60088	0.00782	0.04209	2.00E-04	1.79E-02	4.99E-05	1.33E-04	1.83E-02	1.82E-04	0.00E+00	6.65E-07	3.62E-06	1.86E-04	2.31E-04	1.79E-02	4.99E-05	1.33E-04	1.83E-02
5891	487552.91, 3859942.79	0.05141	0.624	0.00799	0.0462	2.08E-04	1.86E-02	5.10E-05	1.46E-04	1.90E-02	1.89E-04	0.00E+00	6.80E-07	3.98E-06	1.94E-04	2.40E-04	1.86E-02	5.10E-05	1.46E-04	1.91E-02
5892	487553.33, 3859850.05	0.05398	0.67076	0.00824	0.05133	2.18E-04	2.00E-02	5.26E-05	1.62E-04	2.04E-02	1.98E-04	0.00E+00	7.01E-07	4.42E-06	2.04E-04	2.52E-04	2.00E-02	5.26E-05	1.62E-04	2.05E-02
5893	487553.76, 3859757.31	0.05643	0.72576	0.00852	0.05694	2.28E-04	2.17E-02	5.43E-05	1.80E-04	2.21E-02	2.07E-04	0.00E+00	7.25E-07	4.90E-06	2.13E-04	2.64E-04	2.17E-02	5.43E-05	1.80E-04	2.21E-02
5894	487554.19, 3859664.57	0.05906	0.8215	0.00885	0.06231	2.39E-04	2.45E-02	5.64E-05	1.97E-04	2.50E-02	2.17E-04	0.00E+00	7.53E-07	5.37E-06	2.23E-04	2.76E-04	2.45E-02	5.64E-05	1.97E-04	2.50E-02
5895	487460.2, 3859571.05	0.0615	0.94335	0.00911	0.05789	2.49E-04	2.81E-02	5.81E-05	1.83E-04	2.86E-02	2.26E-04	0.00E+00	7.75E-07	4.98E-06	2.32E-04	2.88E-04	2.81E-02	5.81E-05	1.83E-04	2.87E-02
5896	487365.78, 3859570.27	0.06114	0.87252	0.00918	0.0517	2.47E-04	2.60E-02	5.86E-05	1.63E-04	2.65E-02	2.25E-04	0.00E+00	7.81E-07	4.45E-06	2.30E-04	2.86E-04	2.60E-02	5.86E-05	1.63E-04	2.65E-02

5897	487271.36, 3859569.48	0.06062	0.8102	0.0094	0.04752	2.45E-04	2.42E-02	6.00E-05	1.50E-04	2.46E-02	2.23E-04	0.00E+00	7.99E-07	4.09E-06	2.28E-04	2.83E-04	2.42E-02	6.00E-05	1.50E-04	2.47E-02
5898	487176.94, 3859568.7	0.06006	0.74657	0.00958	0.04363	2.43E-04	2.23E-02	6.11E-05	1.38E-04	2.27E-02	2.21E-04	0.00E+00	8.15E-07	3.76E-06	2.25E-04	2.81E-04	2.23E-02	6.11E-05	1.38E-04	2.28E-02
5899	487082.51, 3859567.92	0.0597	0.68488	0.00972	0.04067	2.41E-04	2.04E-02	6.20E-05	1.28E-04	2.09E-02	2.19E-04	0.00E+00	8.27E-07	3.50E-06	2.24E-04	2.79E-04	2.04E-02	6.20E-05	1.28E-04	2.09E-02
5900	486988.09, 3859567.14	0.05951	0.6225	0.00996	0.03808	2.41E-04	1.86E-02	6.35E-05	1.20E-04	1.90E-02	2.19E-04	0.00E+00	8.47E-07	3.28E-06	2.23E-04	2.78E-04	1.86E-02	6.35E-05	1.20E-04	1.90E-02
5901	486893.67, 3859566.36	0.05955	0.56364	0.01038	0.0353	2.41E-04	1.68E-02	6.62E-05	1.11E-04	1.72E-02	2.19E-04	0.00E+00	8.83E-07	3.04E-06	2.23E-04	2.78E-04	1.68E-02	6.62E-05	1.11E-04	1.73E-02
5902	486799.25, 3859565.58	0.05972	0.50954	0.01092	0.03215	2.41E-04	1.52E-02	6.97E-05	1.02E-04	1.56E-02	2.20E-04	0.00E+00	9.29E-07	2.77E-06	2.23E-04	2.79E-04	1.52E-02	6.97E-05	1.02E-04	1.57E-02
5903	486704.83, 3859564.79	0.05997	0.4617	0.01144	0.02975	2.42E-04	1.38E-02	7.30E-05	9.39E-05	1.42E-02	2.20E-04	0.00E+00	9.73E-07	2.56E-06	2.24E-04	2.80E-04	1.38E-02	7.30E-05	9.39E-05	1.42E-02
5904	486610.41, 3859564.01	0.06027	0.41971	0.01188	0.02757	2.44E-04	1.25E-02	7.58E-05	8.70E-05	1.29E-02	2.22E-04	0.00E+00	1.01E-06	2.37E-06	2.25E-04	2.82E-04	1.25E-02	7.58E-05	8.70E-05	1.30E-02
5905	486515.99, 3859563.23	0.06043	0.38204	0.01223	0.02551	2.44E-04	1.14E-02	7.80E-05	8.05E-05	1.18E-02	2.22E-04	0.00E+00	1.04E-06	2.20E-06	2.25E-04	2.83E-04	1.14E-02	7.80E-05	8.05E-05	1.18E-02
5906	486421.57, 3859562.45	0.06079	0.35088	0.01259	0.02375	2.46E-04	1.05E-02	8.03E-05	7.50E-05	1.09E-02	2.23E-04	0.00E+00	1.07E-06	2.05E-06	2.27E-04	2.84E-04	1.05E-02	8.03E-05	7.50E-05	1.09E-02
5907	486327.14, 3859561.67	0.0613	0.32501	0.013	0.02221	2.48E-04	9.70E-03	8.29E-05	7.01E-05	1.01E-02	2.25E-04	0.00E+00	1.11E-06	1.91E-06	2.28E-04	2.87E-04	9.70E-03	8.29E-05	7.01E-05	1.01E-02
5908	486232.72, 3859560.89	0.06152	0.30149	0.0134	0.02081	2.49E-04	8.99E-03	8.55E-05	6.57E-05	9.39E-03	2.26E-04	0.00E+00	1.14E-06	1.79E-06	2.29E-04	2.88E-04	8.99E-03	8.55E-05	6.57E-05	9.43E-03
5909	486138.3, 3859560.1	0.06165	0.28073	0.0138	0.01957	2.49E-04	8.38E-03	8.80E-05	6.18E-05	8.77E-03	2.27E-04	0.00E+00	1.17E-06	1.69E-06	2.30E-04	2.88E-04	8.38E-03	8.80E-05	6.18E-05	8.81E-03
5910	486043.88, 3859559.32	0.06161	0.26171	0.01415	0.01848	2.49E-04	7.81E-03	9.03E-05	5.83E-05	8.21E-03	2.27E-04	0.00E+00	1.20E-06	1.59E-06	2.29E-04	2.88E-04	7.81E-03	9.03E-05	5.83E-05	8.24E-03
5911	485949.35, 3859463.54	0.06465	0.26261	0.01523	0.01837	2.61E-04	7.83E-03	9.71E-05	5.80E-05	8.25E-03	2.38E-04	0.00E+00	1.30E-06	1.58E-06	2.41E-04	3.02E-04	7.83E-03	9.71E-05	5.80E-05	8.29E-03
5912	485949.24, 3859368.55	0.06809	0.28319	0.01599	0.01929	2.75E-04	8.45E-03	1.02E-04	6.09E-05	8.89E-03	2.50E-04	0.00E+00	1.36E-06	1.66E-06	2.53E-04	3.18E-04	8.45E-03	1.02E-04	6.09E-05	8.93E-03
5913	485949.12, 3859273.55	0.07192	0.30656	0.0167	0.0203	2.91E-04	9.15E-03	1.07E-04	6.41E-05	9.61E-03	2.64E-04	0.00E+00	1.42E-06	1.75E-06	2.68E-04	3.36E-04	9.15E-03	1.07E-04	6.41E-05	9.65E-03
5914	485949.01, 3859178.56	0.07603	0.33214	0.01732	0.02132	3.07E-04	9.91E-03	1.10E-04	6.73E-05	1.04E-02	2.80E-04	0.00E+00	1.47E-06	1.84E-06	2.83E-04	3.56E-04	9.91E-03	1.10E-04	6.73E-05	1.04E-02
5915	485948.9, 3859083.56	0.08076	0.35953	0.01789	0.02249	3.26E-04	1.07E-02	1.14E-04	7.10E-05	1.12E-02	2.97E-04	0.00E+00	1.52E-06	1.94E-06	3.00E-04	3.78E-04	1.07E-02	1.14E-04	7.10E-05	1.13E-02
5916	485948.79, 3858988.56	0.08564	0.38414	0.01842	0.02371	3.46E-04	1.15E-02	1.17E-04	7.49E-05	1.20E-02	3.15E-04	0.00E+00	1.57E-06	2.04E-06	3.18E-04	4.01E-04	1.15E-02	1.17E-04	7.49E-05	1.21E-02
5917	485948.67, 3858893.57	0.09091	0.40323	0.01894	0.02474	3.67E-04	1.20E-02	1.21E-04	7.81E-05	1.26E-02	3.34E-04	0.00E+00	1.61E-06	2.13E-06	3.38E-04	4.25E-04	1.20E-02	1.21E-04	7.81E-05	1.27E-02
5918	485948.56, 3858798.57	0.09715	0.41493	0.01942	0.02537	3.93E-04	1.24E-02	1.24E-04	8.01E-05	1.30E-02	3.57E-04	0.00E+00	1.65E-06	2.18E-06	3.61E-04	4.54E-04	1.24E-02	1.24E-04	8.01E-05	1.30E-02
5919	485948.45, 3858703.58	0.10308	0.42217	0.01961	0.02565	4.17E-04	1.26E-02	1.25E-04	8.10E-05	1.32E-02	3.79E-04	0.00E+00	1.67E-06	2.21E-06	3.83E-04	4.82E-04	1.26E-02	1.25E-04	8.10E-05	1.33E-02
5920	485948.34, 3858608.58	0.11031	0.42976	0.01954	0.026	4.46E-04	1.28E-02	1.25E-04	8.21E-05	1.35E-02	4.06E-04	0.00E+00	1.66E-06	2.24E-06	4.09E-04	5.16E-04	1.28E-02	1.25E-04	8.21E-05	1.35E-02
5921	485948.22, 3858513.59	0.11827	0.43871	0.0192	0.02647	4.78E-04	1.31E-02	1.22E-04	8.36E-05	1.38E-02	4.35E-04	0.00E+00	1.63E-06	2.28E-06	4.39E-04	5.53E-04	1.31E-02	1.22E-04	8.36E-05	1.38E-02
5922	485948.11, 3858418.59	0.12689	0.45108	0.01886	0.02662	5.13E-04	1.35E-02	1.20E-04	8.40E-05	1.42E-02	4.67E-04	0.00E+00	1.60E-06	2.29E-06	4.70E-04	5.93E-04	1.35E-02	1.20E-04	8.40E-05	1.43E-02
5923	485948, 3858323.59	0.13717	0.4663	0.019	0.02657	5.54E-04	1.39E-02	1.21E-04	8.39E-05	1.47E-02	5.04E-04	0.00E+00	1.62E-06	2.29E-06	5.08E-04	6.41E-04	1.39E-02	1.21E-04	8.39E-05	1.48E-02
5924	485947.89, 3858228.6	0.14791	0.48273	0.01958	0.02667	5.98E-04	1.44E-02	1.25E-04	8.42E-05	1.52E-02	5.44E-04	0.00E+00	1.67E-06	2.30E-06	5.48E-04	6.92E-04	1.44E-02	1.25E-04	8.42E-05	1.53E-02
5925	485947.77, 3858133.6	0.1598	0.49882	0.02022	0.02641	6.46E-04	1.49E-02	1.29E-04	8.34E-05	1.57E-02	5.88E-04	0.00E+00	1.72E-06	2.27E-06	5.91E-04	7.47E-04	1.49E-02	1.29E-04	8.34E-05	1.58E-02
5926	485947.66, 3858038.61	0.17532	0.51832	0.02069	0.02546	7.09E-04	1.55E-02	1.32E-04	8.04E-05	1.64E-02	6.45E-04	0.00E+00	1.76E-06	2.19E-06	6.49E-04	8.20E-04	1.55E-02	1.32E-04	8.04E-05	1.65E-02
5927	485854.54, 3857943.35	0.18658	0.50368	0.01986	0.02278	7.54E-04	1.50E-02	1.27E-04	7.19E-05	1.60E-02	6.86E-04	0.00E+00	1.69E-06	1.96E-06	6.90E-04	8.73E-04	1.50E-02	1.27E-04	7.19E-05	1.61E-02
5928	485761.52, 3857943.09	0.18255	0.45766	0.01907	0.02176	7.38E-04	1.37E-02	1.22E-04	6.87E-05	1.46E-02	6.71E-04	0.00E+00	1.62E-06	1.87E-06	6.75E-04	8.54E-04	1.37E-02	1.22E-04	6.87E-05	1.47E-02
5929	485668.51, 3857942.83	0.17921	0.42195	0.01838	0.02087	7.24E-04	1.26E-02	1.17E-04	6.59E-05	1.35E-02	6.59E-04	0.00E+00	1.56E-06	1.80E-06	6.62E-04	8.38E-04	1.26E-02	1.17E-04	6.59E-05	1.36E-02
5930	485575.5, 3857942.56	0.17505	0.39397	0.01771	0.02002	7.08E-04	1.18E-02	1.13E-04	6.32E-05	1.26E-02	6.44E-04	0.00E+00	1.51E-06	1.72E-06	6.47E-04	8.19E-04	1.18E-02	1.13E-04	6.32E-05	1.27E-02
5931	485482.48, 3857942.3	0.17185	0.37015	0.01712	0.01923	6.95E-04	1.10E-02	1.09E-04	6.07E-05	1.19E-02	6.32E-04	0.00E+00	1.46E-06	1.66E-06	6.35E-04	8.04E-04	1.10E-02	1.09E-04	6.07E-05	1.20E-02
5932	485389.47, 3857942.04	0.16864	0.34976	0.01656	0.01848	6.82E-04	1.04E-02	1.06E-04	5.83E-05	1.13E-02	6.20E-04	0.00E+00	1.41E-06	1.59E-06	6.23E-04	7.89E-04	1.04E-02	1.06E-04	5.83E-05	1.14E-02
5933	485296.46, 3857941.78	0.16554	0.33194	0.01605	0.01782	6.69E-04	9.90E-03	1.02E-04	5.63E-05	1.07E-02	6.09E-04	0.00E+00	1.37E-06	1.53E-06	6.12E-04	7.74E-04	9.90E-03	1.02E-04	5.63E-05	1.08E-02
5934	485203.45, 3857941.52	0.16313	0.31584	0.0156	0.01725	6.59E-04	9.42E-03	9.95E-05	5.45E-05	1.02E-02	6.00E-04	0.00E+00	1.33E-06	1.49E-06	6.03E-04	7.63E-04	9.42E-03	9.95E-05	5.45E-05	1.03E-02
5935	485110.43, 3857941.26	0.15991	0.30205	0.01514	0.01674	6.46E-04	9.01E-03	9.66E-05	5.29E-05	9.81E-03	5.88E-04	0.00E+00	1.29E-06	1.44E-06	5.91E-04	7.48E-04	9.01E-03	9.66E-05	5.29E-05	9.91E-03
5936	485017.42, 3857940.99	0.1564	0.28966	0.0147	0.01629	6.32E-04	8.64E-03	9.38E-05	5.14E-05	9.42E-03	5.75E-04	0.00E+00	1.25E-06	1.40E-06	5.78E-04	7.31E-04	8.64E-03	9.38E-05	5.14E-05	9.52E-03
5937	484924.41, 3857940.73	0.15297	0.27795	0.01429	0.01596	6.18E-04	8.29E-03	9.11E-05	5.04E-05	9.05E-03	5.62E-04	0.00E+00	1.22E-06	1.37E-06	5.65E-04	7.15E-04	8.29E-03	9.11E-05	5.04E-05	9.15E-03
5938	484831.39, 3857940.47	0.14994	0.26652	0.01391	0.01584	6.06E-04	7.95E-03	8.87E-05	5.00E-05	8.70E-03	5.51E-04	0.00E+00	1.18E-06	1.36E-06	5.54E-04	7.01E-04	7.95E-03	8.87E-05	5.00E-05	8.79E-03
5939	484738.12, 3857859.3	0.1545	0.2784	0.01343	0.01622	6.25E-04	8.31E-03	8.57E-05	5.12E-05	9.07E-03	5.68E-04	0.00E+00	1.14E-06	1.40E-06	5.71E-04	7.23E-04	8.31E-03	8.57E-05	5.12E-05	9.17E-03
5940	484737.85, 3857778.4	0.1631	0.30716	0.01336	0.01683	6.59E-04	9.16E-03	8.52E-05	5.31E-05	9.96E-03	6.00E-04	0.00E+00	1.14E-06	1.45E-06	6.02E-04	7.63E-04	9.16E-03	8.52E-05	5.31E-05	1.01E-02
5941	484737.59, 3857697.49	0.17172	0.34478	0.01336	0.01759	6.94E-04	1.03E-02	8.52E-05	5.55E-05	1.11E-02	6.31E-04	0.00E+00	1.14E-06	1.51E-06	6.34E-04	8.03E-04	1.03E-02	8.52E-05	5.55E-05	1.12E-02
5942	484737.32, 3857616.59	0.18032	0.3966	0.01346	0.01851	7.29E-04	1.18E-02	8.59E-05	5.84E-05	1.27E-02	6.63E-04	0.00E+00	1.14E-06	1.59E-06	6.66E-04	8.43E-04	1.18E-02	8.59E-05	5.84E-05	1.28E-02
5943	484645.53, 3857535.18	0.18405	0.43815	0.0133	0.01937	7.44E-04	1.31E-02	8.48E-05	6.12E-05	1.40E-02	6.77E-04	0.00E+00	1.13E-06	1.67E-06	6.79E-04	8.61E-04	1.31E-02	8.48E-05	6.12E-05	1.41E-02
5944	484553.99, 3857534.67	0.1779	0.4108	0.01294	0.01888	7.19E-04	1.23E-02	8.25E-05	5.96E-05	1.31E-02	6.54E-04	0.00E+00	1.10E-06	1.63E-06	6.57E-04	8.32E-04	1.23E-02	8.25E-05	5.96E-05	1.32E-02
5945	484462.46, 3857534.17	0.17248	0.38661	0.0126	0.01857	6.97E-04	1.15E-02	8.04E-05	5.86E-05	1.24E-02	6.34E-04	0.00E+00	1.07E-06	1.60E-06	6.37E-04	8.07E-04	1.15E-02	8.04E-05	5.86E-05	1.25E-02
5946	484370.93, 3857533.66	0.16698	0.36517	0.01228	0.01799	6.75E-04	1.09E-02	7.83E-05	5.68E-05	1.17E-02	6.14E-04	0.00E+00	1.04E-06	1.55E-06	6.16E-04	7.81E-04	1.09E-02	7.83E-05	5.68E-05	1.18E-02
5947	484279.4, 3857533.16	0.16177	0.34478	0.01197	0.0176	6.54E-04	1.03E-02	7.64E-05	5.56E-05	1.11E-02	5.95E-04	0.00E+00	1.02E-06	1.52E-06	5.97E-04	7.57E-04	1.03E-02	7.64E-05	5.56E-05	1.12E-02
5948	484187.86, 3857532.65	0.15643	0.32626	0.01168	0.01792	6.32E-04	9.73E-03	7.45E-05	5.66E-05	1.05E-02	5.75E-04	0.00E+00	9.93E-07	1.54E-06	5.78E-04	7.32E-04	9.73E-03	7.45E-05	5.66E-05	1.06E-02
5949	484096.33, 3857532.15	0.15158	0.30562	0.01141	0.01828	6.13E-04	9.12E-03	7.28E-05	5.77E-05	9.86E-03	5.57E-04	0.00E+00	9.70E-07	1.57E-06	5.60E-04	7.09E-04	9.12E-03	7.28E-05	5.77E-05	9.96E-03
5950	484004.8, 3857531.64	0.14627	0.29059	0.01113	0.01807	5.91E-04	8.67E-03	7.10E-05	5.71E-05	9.39E-03	5.38E-04	0.00E+00	9.47E-07	1.56E-06	5.40E-04	6.84E-04	8.67E-03	7.10E-05	5.71E-05	9.48E-03
5951	483913.27, 3857531.14	0.14068	0.27902	0.01086	0.01796	5.69E-04	8.32E-03	6.93E-05	5.67E-05	9.02E-03	5.17E-04	0.00E+00	9.24E-07	1.55E-06	5.20E-04	6.58E-04	8.32E-03	6.93E-05	5.67E-05	9.11E-03
5952	483821.73, 3857530.63	0.13593	0.26448	0.01061	0.01842	5.49E-04	7.89E-03	6.77E-05	5.82E-05	8.57E-03	5.00E-04	0.00E+00	9.02E-07	1.59E-06	5.02E-04	6.36E-04	7.89E-03	6.77E-05	5.82E-05	8.65E-03
5953	483729.61, 3857450.11	0.13618	0.27732	0.01053	0.01995	5.50E-04	8.27E-03	6.72E-05	6.30E-05	8.95E-03	5.01E-04	0.00E+00	8.96E-07	1.72E-06	5.03E-04	6.37E-04	8.27E-03	6.72E-05	6.30E-05	9.04E-03
5954	483729.03, 3857370.08	0.14171	0.30503	0.01076	0.02114	5.73E-04	9.10E-03	6.86E-05	6.67E-05	9.81E-03	5.21E-04	0.00E+00	9.15E-07	1.82E-06	5.24E-04	6.63E-04	9.10E-03	6.86E-05	6.67E-05	9.90E-03
5955	483728.44, 3857290.06	0.14662	0.3439	0.01102	0.02233	5.93E-04	1.03E-02	7.03E-05	7.05E-05	1.10E-02	5.39E-04	0.00E+00	9.37E-07	1.92E-06	5.42E-04	6.86E-04	1.03E-02	7.03E-05	7.05E-05	1.11E-02

5956	483727.86, 3857210.03	0.15142	0.39574	0.01129	0.02379	6.12E-04	1.18E-02	7.20E-05	7.51E-05	1.26E-02	5.57E-04	0.00E+00	9.60E-07	2.05E-06	5.60E-04	7.08E-04	1.18E-02	7.20E-05	7.51E-05	1.27E-02
5957	483641.15, 3857129.07	0.15091	0.40568	0.01132	0.0248	6.10E-04	1.21E-02	7.22E-05	7.83E-05	1.29E-02	5.55E-04	0.00E+00	9.63E-07	2.14E-06	5.58E-04	7.06E-04	1.21E-02	7.22E-05	7.83E-05	1.30E-02
5958	483555.03, 3857128.14	0.1451	0.36215	0.01109	0.02416	5.87E-04	1.08E-02	7.07E-05	7.63E-05	1.15E-02	5.33E-04	0.00E+00	9.43E-07	2.08E-06	5.36E-04	6.79E-04	1.08E-02	7.07E-05	7.63E-05	1.16E-02
5959	483468.91, 3857127.2	0.13857	0.33203	0.01083	0.02321	5.60E-04	9.91E-03	6.91E-05	7.33E-05	1.06E-02	5.09E-04	0.00E+00	9.21E-07	2.00E-06	5.12E-04	6.48E-04	9.91E-03	6.91E-05	7.33E-05	1.07E-02
5960	483382.78, 3857126.26	0.13383	0.29981	0.01063	0.02249	5.41E-04	8.94E-03	6.78E-05	7.10E-05	9.62E-03	4.92E-04	0.00E+00	9.04E-07	1.94E-06	4.95E-04	6.26E-04	8.94E-03	6.78E-05	7.10E-05	9.71E-03
5961	483296.66, 3857125.32	0.12872	0.27491	0.01041	0.02198	5.20E-04	8.20E-03	6.64E-05	6.94E-05	8.86E-03	4.73E-04	0.00E+00	8.85E-07	1.89E-06	4.76E-04	6.02E-04	8.20E-03	6.64E-05	6.94E-05	8.94E-03
5962	483210.54, 3857124.39	0.12366	0.25385	0.01019	0.0204	5.00E-04	7.57E-03	6.50E-05	6.44E-05	8.20E-03	4.55E-04	0.00E+00	8.67E-07	1.76E-06	4.57E-04	5.78E-04	7.57E-03	6.50E-05	6.44E-05	8.28E-03
5963	483123.4, 3857030.96	0.12259	0.25267	0.01027	0.01938	4.96E-04	7.54E-03	6.55E-05	6.12E-05	8.16E-03	4.51E-04	0.00E+00	8.73E-07	1.67E-06	4.53E-04	5.73E-04	7.54E-03	6.55E-05	6.12E-05	8.24E-03
5964	483122.38, 3856938.46	0.12667	0.27013	0.01052	0.0201	5.12E-04	8.06E-03	6.71E-05	6.35E-05	8.70E-03	4.66E-04	0.00E+00	8.95E-07	1.73E-06	4.68E-04	5.92E-04	8.06E-03	6.71E-05	6.35E-05	8.78E-03
5965	483121.35, 3856845.97	0.13079	0.28657	0.01071	0.02116	5.29E-04	8.55E-03	6.83E-05	6.68E-05	9.21E-03	4.81E-04	0.00E+00	9.11E-07	1.82E-06	4.84E-04	6.12E-04	8.55E-03	6.83E-05	6.68E-05	9.30E-03
5966	483120.33, 3856753.47	0.1338	0.30872	0.01077	0.02296	5.41E-04	9.21E-03	6.87E-05	7.25E-05	9.89E-03	4.92E-04	0.00E+00	9.16E-07	1.98E-06	4.95E-04	6.26E-04	9.21E-03	6.87E-05	7.25E-05	9.98E-03
5967	483119.31, 3856660.98	0.13691	0.3296	0.01074	0.02543	5.53E-04	9.83E-03	6.85E-05	8.03E-05	1.05E-02	5.03E-04	0.00E+00	9.13E-07	2.19E-06	5.06E-04	6.40E-04	9.83E-03	6.85E-05	8.03E-05	1.06E-02
5968	483118.29, 3856568.49	0.14067	0.34473	0.01065	0.0284	5.69E-04	1.03E-02	6.79E-05	8.97E-05	1.10E-02	5.17E-04	0.00E+00	9.06E-07	2.45E-06	5.21E-04	6.58E-04	1.03E-02	6.79E-05	8.97E-05	1.11E-02
5969	483117.26, 3856475.99	0.14483	0.35496	0.01051	0.03196	5.85E-04	1.06E-02	6.70E-05	1.01E-04	1.13E-02	5.32E-04	0.00E+00	8.94E-07	2.75E-06	5.36E-04	6.77E-04	1.06E-02	6.70E-05	1.01E-04	1.14E-02
5970	483116.24, 3856383.5	0.14855	0.36822	0.01032	0.03697	6.00E-04	1.10E-02	6.58E-05	1.17E-04	1.18E-02	5.46E-04	0.00E+00	8.78E-07	3.18E-06	5.50E-04	6.95E-04	1.10E-02	6.58E-05	1.17E-04	1.19E-02
5971	483115.22, 3856291.01	0.15226	0.38091	0.01009	0.04371	6.15E-04	1.14E-02	6.44E-05	1.38E-04	1.22E-02	5.60E-04	0.00E+00	8.58E-07	3.76E-06	5.64E-04	7.12E-04	1.14E-02	6.44E-05	1.38E-04	1.23E-02
5972	483114.2, 3856198.51	0.15513	0.40158	0.00978	0.04981	6.27E-04	1.20E-02	6.24E-05	1.57E-04	1.28E-02	5.70E-04	0.00E+00	8.32E-07	4.29E-06	5.75E-04	7.25E-04	1.20E-02	6.24E-05	1.57E-04	1.29E-02
5973	483113.17, 3856106.02	0.15915	0.40769	0.00945	0.05254	6.43E-04	1.22E-02	6.03E-05	1.66E-04	1.30E-02	5.85E-04	0.00E+00	8.04E-07	4.52E-06	5.90E-04	7.44E-04	1.22E-02	6.03E-05	1.66E-04	1.31E-02
5974	483112.15, 3856013.52	0.16127	0.435	0.00899	0.05137	6.52E-04	1.30E-02	5.73E-05	1.62E-04	1.38E-02	5.93E-04	0.00E+00	7.65E-07	4.42E-06	5.98E-04	7.54E-04	1.30E-02	5.73E-05	1.62E-04	1.40E-02
5975	483029.25, 3855920.47	0.15444	0.39482	0.00859	0.04175	6.24E-04	1.18E-02	5.48E-05	1.32E-04	1.26E-02	5.68E-04	0.00E+00	7.31E-07	3.60E-06	5.72E-04	7.22E-04	1.18E-02	5.48E-05	1.32E-04	1.27E-02
5976	482947.37, 3855919.91	0.14663	0.34438	0.00868	0.03751	5.93E-04	1.03E-02	5.54E-05	1.18E-04	1.10E-02	5.39E-04	0.00E+00	7.38E-07	3.23E-06	5.43E-04	6.86E-04	1.03E-02	5.54E-05	1.18E-04	1.11E-02
5977	482865.49, 3855919.36	0.13916	0.30944	0.00874	0.03394	5.63E-04	9.23E-03	5.57E-05	1.07E-04	9.96E-03	5.12E-04	0.00E+00	7.43E-07	2.92E-06	5.15E-04	6.51E-04	9.23E-03	5.57E-05	1.07E-04	1.00E-02
5978	482783.61, 3855918.8	0.13294	0.27504	0.00882	0.03101	5.37E-04	8.21E-03	5.63E-05	9.79E-05	8.90E-03	4.89E-04	0.00E+00	7.50E-07	2.67E-06	4.92E-04	6.22E-04	8.21E-03	5.63E-05	9.79E-05	8.98E-03
5979	482700.33, 3855818.39	0.1265	0.26493	0.00841	0.02823	5.11E-04	7.90E-03	5.36E-05	8.91E-05	8.56E-03	4.65E-04	0.00E+00	7.15E-07	2.43E-06	4.68E-04	5.92E-04	7.90E-03	5.36E-05	8.91E-05	8.64E-03
5980	482698.92, 3855718.54	0.1265	0.28248	0.0079	0.02694	5.11E-04	8.43E-03	5.04E-05	8.51E-05	9.07E-03	4.65E-04	0.00E+00	6.72E-07	2.32E-06	4.68E-04	5.92E-04	8.43E-03	5.04E-05	8.51E-05	9.15E-03
5981	482697.52, 3855618.68	0.1258	0.30667	0.0073	0.02549	5.09E-04	9.15E-03	4.66E-05	8.05E-05	9.78E-03	4.63E-04	0.00E+00	6.21E-07	2.19E-06	4.65E-04	5.88E-04	9.15E-03	4.66E-05	8.05E-05	9.86E-03
5982	482696.11, 3855518.83	0.12565	0.29771	0.0067	0.02424	5.08E-04	8.88E-03	4.27E-05	7.65E-05	9.51E-03	4.62E-04	0.00E+00	5.70E-07	2.09E-06	4.65E-04	5.88E-04	8.88E-03	4.27E-05	7.65E-05	9.59E-03
5983	482694.71, 3855418.98	0.12387	0.29089	0.00611	0.02335	5.01E-04	8.68E-03	3.90E-05	7.37E-05	9.29E-03	4.55E-04	0.00E+00	5.20E-07	2.01E-06	4.58E-04	5.79E-04	8.68E-03	3.90E-05	7.37E-05	9.37E-03
5984	482693.3, 3855319.13	0.12144	0.27361	0.00559	0.02342	4.91E-04	8.16E-03	3.57E-05	7.39E-05	8.76E-03	4.46E-04	0.00E+00	4.75E-07	2.02E-06	4.49E-04	5.68E-04	8.16E-03	3.57E-05	7.39E-05	8.84E-03
5985	482691.9, 3855219.27	0.11919	0.24164	0.00515	0.02672	4.82E-04	7.21E-03	3.28E-05	8.44E-05	7.81E-03	4.38E-04	0.00E+00	4.38E-07	2.30E-06	4.41E-04	5.57E-04	7.21E-03	3.28E-05	8.44E-05	7.88E-03
5986	482690.49, 3855119.42	0.11596	0.22277	0.00481	0.03456	4.69E-04	6.65E-03	3.07E-05	1.09E-04	7.25E-03	4.26E-04	0.00E+00	4.09E-07	2.98E-06	4.30E-04	5.42E-04	6.65E-03	3.07E-05	1.09E-04	7.33E-03
5987	482689.09, 3855019.57	0.11337	0.18209	0.00453	0.04169	4.58E-04	5.43E-03	2.89E-05	1.32E-04	6.05E-03	4.17E-04	0.00E+00	3.85E-07	3.59E-06	4.21E-04	5.30E-04	5.43E-03	2.89E-05	1.32E-04	6.12E-03
5988	482687.68, 3854919.72	0.10922	0.13801	0.00435	0.04197	4.41E-04	4.12E-03	2.77E-05	1.33E-04	4.72E-03	4.02E-04	0.00E+00	3.70E-07	3.61E-06	4.06E-04	5.11E-04	4.12E-03	2.77E-05	1.33E-04	4.79E-03
5989	482686.28, 3854819.86	0.10494	0.09917	0.00422	0.03658	4.24E-04	2.96E-03	2.69E-05	1.15E-04	3.53E-03	3.86E-04	0.00E+00	3.59E-07	3.15E-06	3.89E-04	4.91E-04	2.96E-03	2.69E-05	1.15E-04	3.59E-03
5990	482684.88, 3854720.01	0.099	0.07991	0.00414	0.02954	4.00E-04	2.38E-03	2.64E-05	9.33E-05	2.90E-03	3.64E-04	0.00E+00	3.52E-07	2.54E-06	3.67E-04	4.63E-04	2.38E-03	2.64E-05	9.33E-05	2.97E-03
5991	482683.47, 3854620.16	0.09369	0.0653	0.00405	0.02362	3.79E-04	1.95E-03	2.58E-05	7.46E-05	2.43E-03	3.44E-04	0.00E+00	3.44E-07	2.03E-06	3.47E-04	4.38E-04	1.95E-03	2.58E-05	7.46E-05	2.49E-03
5992	482682.07, 3854520.31	0.08816	0.05683	0.00399	0.01955	3.56E-04	1.70E-03	2.55E-05	6.17E-05	2.14E-03	3.24E-04	0.00E+00	3.39E-07	1.68E-06	3.26E-04	4.12E-04	1.70E-03	2.55E-05	6.17E-05	2.19E-03
5993	482680.66, 3854420.45	0.08344	0.05085	0.00393	0.01683	3.37E-04	1.52E-03	2.51E-05	5.31E-05	1.93E-03	3.07E-04	0.00E+00	3.34E-07	1.45E-06	3.09E-04	3.90E-04	1.52E-03	2.51E-05	5.31E-05	1.99E-03
5994	482679.26, 3854320.6	0.07951	0.04634	0.00387	0.01486	3.21E-04	1.38E-03	2.47E-05	4.69E-05	1.78E-03	2.92E-04	0.00E+00	3.29E-07	1.28E-06	2.94E-04	3.72E-04	1.38E-03	2.47E-05	4.69E-05	1.83E-03
5995	482677.85, 3854220.75	0.07674	0.04108	0.0038	0.01321	3.10E-04	1.23E-03	2.42E-05	4.17E-05	1.60E-03	2.82E-04	0.00E+00	3.23E-07	1.14E-06	2.84E-04	3.59E-04	1.23E-03	2.42E-05	4.17E-05	1.65E-03
5996	482676.45, 3854120.9	0.07228	0.0392	0.00377	0.01195	2.92E-04	1.17E-03	2.40E-05	3.77E-05	1.52E-03	2.66E-04	0.00E+00	3.21E-07	1.03E-06	2.67E-04	3.38E-04	1.17E-03	2.40E-05	3.77E-05	1.57E-03
5997	482675.04, 3854021.04	0.06759	0.03698	0.00374	0.01092	2.73E-04	1.10E-03	2.39E-05	3.45E-05	1.43E-03	2.48E-04	0.00E+00	3.18E-07	9.40E-07	2.50E-04	3.16E-04	1.10E-03	2.39E-05	3.45E-05	1.48E-03
5998	482673.64, 3853921.19	0.06231	0.03499	0.00371	0.01013	2.52E-04	1.04E-03	2.37E-05	3.20E-05	1.35E-03	2.29E-04	0.00E+00	3.16E-07	8.72E-07	2.30E-04	2.91E-04	1.04E-03	2.37E-05	3.20E-05	1.39E-03
5999	482672.23, 3853821.34	0.05749	0.03269	0.00366	0.00949	2.32E-04	9.75E-04	2.33E-05	3.00E-05	1.26E-03	2.11E-04	0.00E+00	3.11E-07	8.17E-07	2.12E-04	2.69E-04	9.75E-04	2.33E-05	3.00E-05	1.30E-03
6000	482670.83, 3853721.49	0.05307	0.03061	0.00361	0.00895	2.15E-04	9.13E-04	2.30E-05	2.83E-05	1.18E-03	1.95E-04	0.00E+00	3.07E-07	7.71E-07	1.96E-04	2.48E-04	9.13E-04	2.30E-05	2.83E-05	1.21E-03
6001	482669.42, 3853621.63	0.04952	0.02895	0.00356	0.0085	2.00E-04	8.64E-04	2.27E-05	2.68E-05	1.11E-03	1.82E-04	0.00E+00	3.03E-07	7.32E-07	1.83E-04	2.32E-04	8.64E-04	2.27E-05	2.68E-05	1.14E-03
6002	482645.99, 3853446.13	0.04639	0.02626	0.00346	0.00777	1.88E-04	7.83E-04	2.21E-05	2.45E-05	1.02E-03	1.71E-04	0.00E+00	2.94E-07	6.69E-07	1.72E-04	2.17E-04	7.83E-04	2.21E-05	2.45E-05	1.05E-03
6003	482623.97, 3853370.49	0.04577	0.02527	0.00341	0.00748	1.85E-04	7.54E-04	2.18E-05	2.36E-05	9.84E-04	1.68E-04	0.00E+00	2.90E-07	6.44E-07	1.69E-04	2.14E-04	7.54E-04	2.18E-05	2.36E-05	1.01E-03
6004	482601.94, 3853294.84	0.04556	0.02431	0.00337	0.00721	1.84E-04	7.25E-04	2.15E-05	2.28E-05	9.54E-04	1.68E-04	0.00E+00	2.87E-07	6.21E-07	1.68E-04	2.13E-04	7.25E-04	2.15E-05	2.28E-05	9.83E-04
6005	482531.29, 3853133.44	0.04494	0.02237	0.00326	0.00669	1.82E-04	6.67E-04	2.08E-05	2.11E-05	8.91E-04	1.65E-04	0.00E+00	2.77E-07	5.76E-07	1.66E-04	2.10E-04	6.67E-04	2.08E-05	2.11E-05	9.19E-04
6006	482482.68, 3853047.69	0.04439	0.02133	0.00321	0.00642	1.79E-04	6.36E-04	2.05E-05	2.03E-05	8.57E-04	1.63E-04	0.00E+00	2.73E-07	5.53E-07	1.64E-04	2.08E-04	6.36E-04	2.05E-05	2.03E-05	8.85E-04
6007	482383.09, 3852897.4	0.04263	0.01995	0.00312	0.00599	1.72E-04	5.95E-04	1.99E-05	1.89E-05	8.06E-04	1.57E-04	0.00E+00	2.65E-07	5.16E-07	1.58E-04	1.99E-04	5.95E-04	1.99E-05	1.89E-05	8.33E-04
6008	482265.64, 3852765.26	0.04035	0.01885	0.00305	0.00563	1.63E-04	5.62E-04	1.95E-05	1.78E-05	7.63E-04	1.48E-04	0.00E+00	2.59E-07	4.85E-07	1.49E-04	1.89E-04	5.62E-04	1.95E-05	1.78E-05	7.88E-04
6009	482199.16, 3852697.66	0.03914	0.01833	0.00302	0.00545	1.58E-04	5.47E-04	1.93E-05	1.72E-05	7.42E-04	1.44E-04	0.00E+00	2.57E-07	4.69E-07	1.45E-04	1.83E-04	5.47E-04	1.93E-05	1.72E-05	7.66E-04
6010	482132.69, 3852630.07	0.03802	0.01782	0.00298	0.0053	1.54E-04	5.32E-04	1.90E-05	1.67E-05	7.21E-04	1.40E-04	0.00E+00	2.53E-07	4.56E-07	1.40E-04	1.78E-04	5.32E-04	1.90E-05	1.67E-05	7.45E-04
6011	482066.21, 3852562.48	0.03693	0.01736	0.00295	0.00516	1.49E-04	5.18E-04	1.88E-05	1.63E-05	7.02E-04	1.36E-04	0.00E+00	2.51E-07	4.44E-07	1.36E-04	1.73E-04	5.18E-04	1.88E-05	1.63E-05	7.26E-04
6012	481999.74, 3852494.89	0.03586	0.01697	0.00291	0.00504	1.45E-04	5.06E-04	1.86E-05	1.59E-05	6.86E-04	1.32E-04	0.00E+00	2.47E-07	4.34E-07	1.33E-04	1.68E-04	5.06E-04	1.86E-05	1.59E-05	7.08E-04
6013	481933.26, 3852427.29	0.03485	0.01662	0.00288	0.00492	1.41E-04	4.96E-04	1.84E-05	1.55E-05	6.71E-04	1.28E-04	0.00E+00	2.45E-07	4.24E-07	1.29E-04	1.63E-04	4.96E-04	1.84E-05	1.55E-05	6.93E-04
6014	481866.79, 3852359.7	0.03394	0.01623	0.00285	0.00481	1.37E-04	4.84E-04	1.82E-05	1.52E-05	6.55E-04	1.25E-04	0.00E+00	2.42E-07	4.14E-07	1.25E-04	1.59E-04	4.84E-04	1.82E-05	1.52E-05	6.76E-04

6015	481800.31, 3852292.11	0.03308	0.01585	0.00281	0.00471	1.34E-04	4.73E-04	1.79E-05	1.49E-05	6.39E-04	1.22E-04	0.00E+00	2.39E-07	4.06E-07	1.22E-04	1.55E-04	4.73E-04	1.79E-05	1.49E-05	6.60E-04
6016	481733.84, 3852224.52	0.03223	0.01553	0.00278	0.00462	1.30E-04	4.63E-04	1.77E-05	1.46E-05	6.26E-04	1.18E-04	0.00E+00	2.36E-07	3.98E-07	1.19E-04	1.51E-04	4.63E-04	1.77E-05	1.46E-05	6.46E-04
6017	481667.36, 3852156.92	0.03146	0.01517	0.00275	0.00454	1.27E-04	4.53E-04	1.75E-05	1.43E-05	6.12E-04	1.16E-04	0.00E+00	2.34E-07	3.91E-07	1.16E-04	1.47E-04	4.53E-04	1.75E-05	1.43E-05	6.32E-04
6018	481600.89, 3852089.33	0.03063	0.01498	0.00272	0.00445	1.24E-04	4.47E-04	1.73E-05	1.41E-05	6.02E-04	1.13E-04	0.00E+00	2.31E-07	3.83E-07	1.13E-04	1.43E-04	4.47E-04	1.73E-05	1.41E-05	6.22E-04
6019	481534.41, 3852021.74	0.02982	0.01484	0.0027	0.00437	1.21E-04	4.43E-04	1.72E-05	1.38E-05	5.94E-04	1.10E-04	0.00E+00	2.30E-07	3.76E-07	1.10E-04	1.39E-04	4.43E-04	1.72E-05	1.38E-05	6.13E-04
6020	481467.94, 3851954.15	0.02907	0.01467	0.00267	0.00429	1.18E-04	4.38E-04	1.70E-05	1.35E-05	5.86E-04	1.07E-04	0.00E+00	2.27E-07	3.69E-07	1.07E-04	1.36E-04	4.38E-04	1.70E-05	1.35E-05	6.04E-04
6021	481401.46, 3851886.55	0.02838	0.01443	0.00264	0.00421	1.15E-04	4.30E-04	1.68E-05	1.33E-05	5.75E-04	1.04E-04	0.00E+00	2.25E-07	3.63E-07	1.05E-04	1.33E-04	4.30E-04	1.68E-05	1.33E-05	5.93E-04
6022	481265.87, 3851761.43	0.02694	0.01414	0.0026	0.00407	1.09E-04	4.22E-04	1.66E-05	1.29E-05	5.60E-04	9.90E-05	0.00E+00	2.21E-07	3.50E-07	9.96E-05	1.26E-04	4.22E-04	1.66E-05	1.29E-05	5.77E-04
6023	481196.74, 3851703.89	0.02624	0.01397	0.00257	0.00401	1.06E-04	4.17E-04	1.64E-05	1.27E-05	5.52E-04	9.65E-05	0.00E+00	2.19E-07	3.45E-07	9.70E-05	1.23E-04	4.17E-04	1.64E-05	1.27E-05	5.69E-04
6024	481076.33, 3851619.05	0.02498	0.01377	0.00254	0.00391	1.01E-04	4.11E-04	1.62E-05	1.23E-05	5.40E-04	9.18E-05	0.00E+00	2.16E-07	3.37E-07	9.24E-05	1.17E-04	4.11E-04	1.62E-05	1.23E-05	5.56E-04
6025	480939.8, 3851549.07	0.02348	0.01353	0.00252	0.00382	9.49E-05	4.04E-04	1.61E-05	1.21E-05	5.27E-04	8.63E-05	0.00E+00	2.14E-07	3.29E-07	8.69E-05	1.10E-04	4.04E-04	1.61E-05	1.21E-05	5.42E-04
6026	480854.56, 3851506.41	0.02255	0.01338	0.0025	0.00376	9.12E-05	3.99E-04	1.59E-05	1.19E-05	5.18E-04	8.29E-05	0.00E+00	2.13E-07	3.24E-07	8.34E-05	1.05E-04	3.99E-04	1.59E-05	1.19E-05	5.32E-04
6027	480769.32, 3851463.75	0.02166	0.01319	0.00249	0.00372	8.76E-05	3.94E-04	1.59E-05	1.17E-05	5.09E-04	7.96E-05	0.00E+00	2.12E-07	3.20E-07	8.02E-05	1.01E-04	3.94E-04	1.59E-05	1.17E-05	5.22E-04
6028	480684.08, 3851421.08	0.02081	0.01301	0.00248	0.00367	8.41E-05	3.88E-04	1.58E-05	1.16E-05	5.00E-04	7.65E-05	0.00E+00	2.11E-07	3.16E-07	7.70E-05	9.73E-05	3.88E-04	1.58E-05	1.16E-05	5.13E-04
6029	480598.84, 3851378.42	0.01999	0.01292	0.00247	0.00362	8.08E-05	3.85E-04	1.58E-05	1.14E-05	4.93E-04	7.35E-05	0.00E+00	2.10E-07	3.12E-07	7.40E-05	9.35E-05	3.85E-04	1.58E-05	1.14E-05	5.06E-04
6030	480435.71, 3851275.01	0.01868	0.0126	0.00243	0.00354	7.55E-05	3.76E-04	1.55E-05	1.12E-05	4.78E-04	6.87E-05	0.00E+00	2.07E-07	3.05E-07	6.92E-05	8.74E-05	3.76E-04	1.55E-05	1.12E-05	4.90E-04
6031	480347.85, 3851232.36	0.01796	0.01251	0.00242	0.0035	7.26E-05	3.73E-04	1.54E-05	1.11E-05	4.72E-04	6.60E-05	0.00E+00	2.06E-07	3.01E-07	6.65E-05	8.40E-05	3.73E-04	1.54E-05	1.11E-05	4.84E-04
6032	480260, 3851189.72	0.01729	0.01242	0.00241	0.00346	6.99E-05	3.71E-04	1.54E-05	1.09E-05	4.67E-04	6.36E-05	0.00E+00	2.05E-07	2.98E-07	6.41E-05	8.09E-05	3.71E-04	1.54E-05	1.09E-05	4.78E-04
6033	480172.15, 3851147.07	0.01668	0.01231	0.0024	0.00343	6.74E-05	3.67E-04	1.53E-05	1.08E-05	4.61E-04	6.13E-05	0.00E+00	2.04E-07	2.95E-07	6.18E-05	7.80E-05	3.67E-04	1.53E-05	1.08E-05	4.71E-04
6034	480084.29, 3851104.42	0.01611	0.01218	0.00239	0.0034	6.51E-05	3.63E-04	1.52E-05	1.07E-05	4.54E-04	5.92E-05	0.00E+00	2.03E-07	2.93E-07	5.97E-05	7.53E-05	3.63E-04	1.52E-05	1.07E-05	4.65E-04
6035	479996.44, 3851061.77	0.0156	0.01203	0.00237	0.00337	6.31E-05	3.59E-04	1.51E-05	1.06E-05	4.48E-04	5.74E-05	0.00E+00	2.02E-07	2.90E-07	5.78E-05	7.30E-05	3.59E-04	1.51E-05	1.06E-05	4.58E-04
6036	479908.58, 3851019.13	0.01512	0.01166	0.00236	0.00335	6.11E-05	3.48E-04	1.51E-05	1.06E-05	4.35E-04	5.56E-05	0.00E+00	2.01E-07	2.88E-07	5.61E-05	7.07E-05	3.48E-04	1.51E-05	1.06E-05	4.44E-04
6037	479820.73, 3850976.48	0.01469	0.01154	0.00235	0.00333	5.94E-05	3.44E-04	1.50E-05	1.05E-05	4.29E-04	5.40E-05	0.00E+00	2.00E-07	2.87E-07	5.45E-05	6.87E-05	3.44E-04	1.50E-05	1.05E-05	4.38E-04
6038	479732.88, 3850933.83	0.0143	0.01145	0.00233	0.0033	5.78E-05	3.42E-04	1.49E-05	1.04E-05	4.25E-04	5.26E-05	0.00E+00	1.98E-07	2.84E-07	5.31E-05	6.69E-05	3.42E-04	1.49E-05	1.04E-05	4.34E-04
6039	479645.02, 3850891.18	0.01395	0.01138	0.00232	0.00327	5.64E-05	3.40E-04	1.48E-05	1.03E-05	4.21E-04	5.13E-05	0.00E+00	1.97E-07	2.82E-07	5.18E-05	6.52E-05	3.40E-04	1.48E-05	1.03E-05	4.30E-04
6040	479557.17, 3850848.54	0.01363	0.01136	0.00231	0.00324	5.51E-05	3.39E-04	1.47E-05	1.02E-05	4.19E-04	5.01E-05	0.00E+00	1.96E-07	2.79E-07	5.06E-05	6.37E-05	3.39E-04	1.47E-05	1.02E-05	4.28E-04
6041	479469.32, 3850805.89	0.01334	0.0112	0.0023	0.00321	5.39E-05	3.34E-04	1.47E-05	1.01E-05	4.13E-04	4.90E-05	0.00E+00	1.96E-07	2.76E-07	4.95E-05	6.24E-05	3.34E-04	1.47E-05	1.01E-05	4.21E-04
6042	479381.46, 3850763.24	0.01309	0.01124	0.00229	0.00318	5.29E-05	3.35E-04	1.46E-05	1.00E-05	4.13E-04	4.81E-05	0.00E+00	1.95E-07	2.74E-07	4.86E-05	6.12E-05	3.35E-04	1.46E-05	1.00E-05	4.21E-04
6043	479293.61, 3850720.59	0.01286	0.01138	0.00228	0.00314	5.20E-05	3.40E-04	1.45E-05	9.91E-06	4.16E-04	4.73E-05	0.00E+00	1.94E-07	2.70E-07	4.77E-05	6.01E-05	3.40E-04	1.45E-05	9.91E-06	4.24E-04
6044	479205.76, 3850677.95	0.01266	0.01145	0.00227	0.00311	5.12E-05	3.42E-04	1.45E-05	9.82E-06	4.17E-04	4.65E-05	0.00E+00	1.93E-07	2.68E-07	4.70E-05	5.92E-05	3.42E-04	1.45E-05	9.82E-06	4.25E-04
6045	479117.9, 3850635.3	0.01247	0.01157	0.00226	0.00307	5.04E-05	3.45E-04	1.44E-05	9.69E-06	4.20E-04	4.58E-05	0.00E+00	1.92E-07	2.64E-07	4.63E-05	5.83E-05	3.45E-04	1.44E-05	9.69E-06	4.28E-04
6046	479030.05, 3850592.65	0.01229	0.0116	0.00225	0.00304	4.97E-05	3.46E-04	1.44E-05	9.60E-06	4.20E-04	4.52E-05	0.00E+00	1.91E-07	2.62E-07	4.56E-05	5.75E-05	3.46E-04	1.44E-05	9.60E-06	4.27E-04
6047	478942.19, 3850550	0.01213	0.01141	0.00224	0.00302	4.90E-05	3.40E-04	1.43E-05	9.54E-06	4.13E-04	4.46E-05	0.00E+00	1.91E-07	2.60E-07	4.50E-05	5.67E-05	3.40E-04	1.43E-05	9.54E-06	4.21E-04
6048	478854.34, 3850507.36	0.01182	0.01088	0.00222	0.003	4.78E-05	3.25E-04	1.42E-05	9.47E-06	3.96E-04	4.35E-05	0.00E+00	1.89E-07	2.58E-07	4.39E-05	5.53E-05	3.25E-04	1.42E-05	9.47E-06	4.03E-04
6049	478766.49, 3850464.71	0.01163	0.01065	0.0022	0.00298	4.70E-05	3.18E-04	1.40E-05	9.41E-06	3.88E-04	4.28E-05	0.00E+00	1.87E-07	2.57E-07	4.32E-05	5.44E-05	3.18E-04	1.40E-05	9.41E-06	3.96E-04
6050	478678.63, 3850422.06	0.01149	0.0105	0.00219	0.00296	4.64E-05	3.13E-04	1.40E-05	9.35E-06	3.83E-04	4.22E-05	0.00E+00	1.86E-07	2.55E-07	4.27E-05	5.37E-05	3.13E-04	1.40E-05	9.35E-06	3.90E-04
6051	478590.78, 3850379.41	0.01136	0.0103	0.00218	0.00293	4.59E-05	3.07E-04	1.39E-05	9.25E-06	3.76E-04	4.18E-05	0.00E+00	1.85E-07	2.52E-07	4.22E-05	5.31E-05	3.07E-04	1.39E-05	9.25E-06	3.84E-04
6052	478502.93, 3850336.77	0.01125	0.01018	0.00216	0.00291	4.55E-05	3.04E-04	1.38E-05	9.19E-06	3.72E-04	4.14E-05	0.00E+00	1.84E-07	2.51E-07	4.18E-05	5.26E-05	3.04E-04	1.38E-05	9.19E-06	3.79E-04
6053	478415.07, 3850294.12	0.01116	0.0101	0.00215	0.00289	4.51E-05	3.01E-04	1.37E-05	9.12E-06	3.69E-04	4.10E-05	0.00E+00	1.83E-07	2.49E-07	4.15E-05	5.22E-05	3.01E-04	1.37E-05	9.12E-06	3.76E-04
6054	478327.22, 3850251.47	0.01105	0.00988	0.00214	0.00286	4.47E-05	2.95E-04	1.37E-05	9.03E-06	3.62E-04	4.06E-05	0.00E+00	1.82E-07	2.46E-07	4.11E-05	5.17E-05	2.95E-04	1.37E-05	9.03E-06	3.69E-04
6055	478239.36, 3850208.82	0.01094	0.0097	0.00213	0.00284	4.42E-05	2.89E-04	1.36E-05	8.97E-06	3.56E-04	4.02E-05	0.00E+00	1.81E-07	2.45E-07	4.06E-05	5.12E-05	2.89E-04	1.36E-05	8.97E-06	3.63E-04
6056	478151.51, 3850166.18	0.01085	0.00954	0.00211	0.00282	4.39E-05	2.85E-04	1.35E-05	8.90E-06	3.51E-04	3.99E-05	0.00E+00	1.79E-07	2.43E-07	4.03E-05	5.07E-05	2.85E-04	1.35E-05	8.90E-06	3.58E-04
6057	478063.66, 3850123.53	0.01076	0.00939	0.0021	0.0028	4.35E-05	2.80E-04	1.34E-05	8.84E-06	3.46E-04	3.96E-05	0.00E+00	1.79E-07	2.41E-07	4.00E-05	5.03E-05	2.80E-04	1.34E-05	8.84E-06	3.53E-04
6058	477975.8, 3850080.88	0.01073	0.00971	0.00209	0.00278	4.34E-05	2.90E-04	1.33E-05	8.78E-06	3.55E-04	3.94E-05	0.00E+00	1.78E-07	2.39E-07	3.99E-05	5.02E-05	2.90E-04	1.33E-05	8.78E-06	3.62E-04
6059	477887.95, 3850038.23	0.01066	0.00967	0.00208	0.00276	4.31E-05	2.88E-04	1.33E-05	8.71E-06	3.54E-04	3.92E-05	0.00E+00	1.77E-07	2.38E-07	3.96E-05	4.99E-05	2.88E-04	1.33E-05	8.71E-06	3.60E-04
6060	477800.1, 3849995.59	0.01059	0.00967	0.00206	0.00274	4.28E-05	2.88E-04	1.31E-05	8.65E-06	3.53E-04	3.89E-05	0.00E+00	1.75E-07	2.36E-07	3.93E-05	4.95E-05	2.88E-04	1.31E-05	8.65E-06	3.60E-04
6061	477712.24, 3849952.94	0.0105	0.00953	0.00205	0.00273	4.24E-05	2.84E-04	1.31E-05	8.62E-06	3.48E-04	3.86E-05	0.00E+00	1.74E-07	2.35E-07	3.90E-05	4.91E-05	2.84E-04	1.31E-05	8.62E-06	3.55E-04
6062	477624.39, 3849910.29	0.01041	0.00938	0.00204	0.00271	4.21E-05	2.80E-04	1.30E-05	8.56E-06	3.43E-04	3.83E-05	0.00E+00	1.73E-07	2.33E-07	3.87E-05	4.87E-05	2.80E-04	1.30E-05	8.56E-06	3.50E-04
6063	477536.54, 3849867.64	0.01032	0.00925	0.00203	0.0027	4.17E-05	2.76E-04	1.29E-05	8.52E-06	3.39E-04	3.79E-05	0.00E+00	1.73E-07	2.32E-07	3.83E-05	4.83E-05	2.76E-04	1.29E-05	8.52E-06	3.46E-04
6064	477448.68, 3849825	0.01022	0.00904	0.00201	0.00268	4.13E-05	2.70E-04	1.28E-05	8.46E-06	3.32E-04	3.76E-05	0.00E+00	1.71E-07	2.31E-07	3.80E-05	4.78E-05	2.70E-04	1.28E-05	8.46E-06	3.39E-04
6065	477360.83, 3849782.35	0.01013	0.00884	0.002	0.00267	4.09E-05	2.64E-04	1.28E-05	8.43E-06	3.26E-04	3.72E-05	0.00E+00	1.70E-07	2.30E-07	3.76E-05	4.74E-05	2.64E-04	1.28E-05	8.43E-06	3.32E-04
6066	477272.97, 3849739.7	0.01003	0.00861	0.00199	0.00266	4.05E-05	2.57E-04	1.27E-05	8.40E-06	3.19E-04	3.69E-05	0.00E+00	1.69E-07	2.29E-07	3.73E-05	4.69E-05	2.57E-04	1.27E-05	8.40E-06	3.25E-04
6067	477185.12, 3849697.05	0.00994	0.00843	0.00197	0.00265	4.02E-05	2.51E-04	1.26E-05	8.37E-06	3.13E-04	3.65E-05	0.00E+00	1.68E-07	2.28E-07	3.69E-05	4.65E-05	2.51E-04	1.26E-05	8.37E-06	3.19E-04
6068	477097.27, 3849654.41	0.00984	0.00821	0.00196	0.00263	3.98E-05	2.45E-04	1.25E-05	8.30E-06	3.06E-04	3.62E-05	0.00E+00	1.67E-07	2.26E-07	3.66E-05	4.60E-05	2.45E-04	1.25E-05	8.30E-06	3.12E-04
6069	477009.41, 3849611.76	0.00973	0.00786	0.00195	0.00262	3.93E-05	2.34E-04	1.24E-05	8.27E-06	2.95E-04	3.58E-05	0.00E+00	1.66E-07	2.26E-07	3.62E-05	4.55E-05	2.34E-04	1.24E-05	8.27E-06	3.01E-04
6070	476841.49, 3849530.08	0.00954	0.00742	0.00192	0.0026	3.86E-05	2.21E-04	1.22E-05	8.21E-06	2.80E-04	3.51E-05	0.00E+00	1.63E-07	2.24E-07	3.55E-05	4.46E-05	2.21E-04	1.22E-05	8.21E-06	2.86E-04
6071	476761.41, 3849491.05	0.00946	0.00727	0.00191	0.00259	3.82E-05	2.17E-04	1.22E-05	8.18E-06	2.75E-04	3.48E-05	0.00E+00	1.62E-07	2.23E-07	3.52E-05	4.42E-05	2.17E-04	1.22E-05	8.18E-06	2.81E-04
6072	476681.34, 3849452.02	0.00937	0.00705	0.0019	0.00258	3.79E-05	2.10E-04	1.21E-05	8.15E-06	2.68E-04	3.44E-05	0.00E+00	1.62E-07	2.22E-07	3.48E-05	4.38E-05	2.10E-04	1.21E-05	8.15E-06	2.74E-04
6073	476601.26, 3849412.99	0.00927	0.00681	0.00189	0.00257	3.75E-05	2.03E-04	1.21E-05	8.11E-06	2.61E-04	3.41E-05	0.00E+00	1.61E-07	2.21E-07	3.45E-05	4.34E-05	2.03E-04	1.21E-05	8.11E-06	2.67E-04

6074	476456.32, 3849353.67	0.00911	0.00629	0.00187	0.00256	3.68E-05	1.88E-04	1.19E-05	8.08E-06	2.44E-04	3.35E-05	0.00E+00	1.59E-07	2.20E-07	3.39E-05	4.26E-05	1.88E-04	1.19E-05	8.08E-06	2.50E-04
6075	476305.43, 3849318.84	0.00906	0.00611	0.00185	0.00255	3.66E-05	1.82E-04	1.18E-05	8.05E-06	2.39E-04	3.33E-05	0.00E+00	1.57E-07	2.20E-07	3.37E-05	4.24E-05	1.82E-04	1.18E-05	8.05E-06	2.45E-04
6076	476129.36, 3849289.99	0.00901	0.0058	0.00183	0.00255	3.64E-05	1.73E-04	1.17E-05	8.05E-06	2.29E-04	3.31E-05	0.00E+00	1.56E-07	2.20E-07	3.35E-05	4.21E-05	1.73E-04	1.17E-05	8.05E-06	2.35E-04
6077	476039.31, 3849275.68	0.00899	0.00567	0.00182	0.00255	3.63E-05	1.69E-04	1.16E-05	8.05E-06	2.25E-04	3.31E-05	0.00E+00	1.55E-07	2.20E-07	3.34E-05	4.20E-05	1.69E-04	1.16E-05	8.05E-06	2.31E-04
6078	475949.26, 3849261.38	0.00893	0.00543	0.00181	0.00255	3.61E-05	1.62E-04	1.15E-05	8.05E-06	2.18E-04	3.28E-05	0.00E+00	1.54E-07	2.20E-07	3.32E-05	4.18E-05	1.62E-04	1.15E-05	8.05E-06	2.23E-04
6079	475859.21, 3849247.08	0.0089	0.00532	0.0018	0.00255	3.60E-05	1.59E-04	1.15E-05	8.05E-06	2.14E-04	3.27E-05	0.00E+00	1.53E-07	2.20E-07	3.31E-05	4.16E-05	1.59E-04	1.15E-05	8.05E-06	2.20E-04
6080	475769.16, 3849232.77	0.00886	0.00518	0.00179	0.00255	3.58E-05	1.55E-04	1.14E-05	8.05E-06	2.10E-04	3.26E-05	0.00E+00	1.52E-07	2.20E-07	3.29E-05	4.14E-05	1.55E-04	1.14E-05	8.05E-06	2.15E-04
6081	475585.23, 3849219.27	0.00824	0.00421	0.00178	0.00254	3.33E-05	1.26E-04	1.14E-05	8.02E-06	1.78E-04	3.03E-05	0.00E+00	1.51E-07	2.19E-07	3.07E-05	3.85E-05	1.26E-04	1.14E-05	8.02E-06	1.84E-04
6082	475444.5, 3849150.35	0.00852	0.00464	0.00177	0.00253	3.44E-05	1.38E-04	1.13E-05	7.99E-06	1.92E-04	3.13E-05	0.00E+00	1.51E-07	2.18E-07	3.17E-05	3.98E-05	1.38E-04	1.13E-05	7.99E-06	1.98E-04
6083	475334.18, 3849118.71	0.00853	0.00472	0.00176	0.00252	3.45E-05	1.41E-04	1.12E-05	7.96E-06	1.94E-04	3.14E-05	0.00E+00	1.50E-07	2.17E-07	3.17E-05	3.99E-05	1.41E-04	1.12E-05	7.96E-06	2.00E-04
6084	475230.47, 3849060.57	0.00842	0.00467	0.00175	0.00251	3.40E-05	1.39E-04	1.12E-05	7.93E-06	1.92E-04	3.10E-05	0.00E+00	1.49E-07	2.16E-07	3.13E-05	3.94E-05	1.39E-04	1.12E-05	7.93E-06	1.98E-04
6085	475110.86, 3848960.97	0.00821	0.00456	0.00173	0.00248	3.32E-05	1.36E-04	1.10E-05	7.83E-06	1.88E-04	3.02E-05	0.00E+00	1.47E-07	2.14E-07	3.05E-05	3.84E-05	1.36E-04	1.10E-05	7.83E-06	1.93E-04
6086	475037.79, 3848896.28	0.00805	0.00444	0.00172	0.00246	3.25E-05	1.32E-04	1.10E-05	7.77E-06	1.84E-04	2.96E-05	0.00E+00	1.46E-07	2.12E-07	3.00E-05	3.76E-05	1.32E-04	1.10E-05	7.77E-06	1.89E-04
6087	474964.72, 3848831.59	0.00789	0.00434	0.00171	0.00244	3.19E-05	1.29E-04	1.09E-05	7.70E-06	1.80E-04	2.90E-05	0.00E+00	1.45E-07	2.10E-07	2.94E-05	3.69E-05	1.29E-04	1.09E-05	7.70E-06	1.85E-04
6088	474891.65, 3848766.9	0.00777	0.00428	0.0017	0.00242	3.14E-05	1.28E-04	1.08E-05	7.64E-06	1.78E-04	2.86E-05	0.00E+00	1.45E-07	2.08E-07	2.89E-05	3.63E-05	1.28E-04	1.08E-05	7.64E-06	1.83E-04
6089	474818.58, 3848702.22	0.00767	0.00425	0.00169	0.00241	3.10E-05	1.27E-04	1.08E-05	7.61E-06	1.76E-04	2.82E-05	0.00E+00	1.44E-07	2.08E-07	2.86E-05	3.59E-05	1.27E-04	1.08E-05	7.61E-06	1.81E-04
6090	474745.51, 3848637.53	0.00765	0.00432	0.00168	0.00239	3.09E-05	1.29E-04	1.07E-05	7.55E-06	1.78E-04	2.81E-05	0.00E+00	1.43E-07	2.06E-07	2.85E-05	3.58E-05	1.29E-04	1.07E-05	7.55E-06	1.83E-04
6091	474672.44, 3848572.84	0.00756	0.00432	0.00167	0.00238	3.06E-05	1.29E-04	1.07E-05	7.51E-06	1.78E-04	2.78E-05	0.00E+00	1.42E-07	2.05E-07	2.81E-05	3.54E-05	1.29E-04	1.07E-05	7.51E-06	1.82E-04
6092	474599.37, 3848508.15	0.00743	0.00422	0.00166	0.00236	3.00E-05	1.26E-04	1.06E-05	7.45E-06	1.74E-04	2.73E-05	0.00E+00	1.41E-07	2.03E-07	2.77E-05	3.47E-05	1.26E-04	1.06E-05	7.45E-06	1.79E-04
6093	474526.3, 3848443.46	0.00733	0.00417	0.00165	0.00234	2.96E-05	1.24E-04	1.05E-05	7.39E-06	1.72E-04	2.69E-05	0.00E+00	1.40E-07	2.01E-07	2.73E-05	3.43E-05	1.24E-04	1.05E-05	7.39E-06	1.77E-04

		2033 Mitigated - Electric RTG Cranes									2048 Unmitigated					2048 Mitigated - Electric RTG Cranes				
	Period	Rates	4.26E-03	0.00E+00	8.50E-05	8.61E-05					2.01E-03	3.15E-02	6.38E-03	3.16E-03		1.91E-03	0.00E+00	8.50E-05	8.61E-05	
	Concentration [ug/m^3] at 1 g/s		Concentration [ug/m^3]								Concentration [ug/m^3]					Concentration [ug/m^3]				
	X, Y		CHE (PARE	WHS (PARE	STCK1-10	STCK11-39	CHE (PARE	WHS (PAR	STCK1-10	STCK11-39	Total	CHE (PARE	WHS (PAR	STCK1-10	STCK11-39	Total	CHE (PAREA	WHS (PAR	STCK1-10	STCK11-39	Total
1	485973.61, 3854936.51	0.35979	0.05383	0.00755	0.03265	1.53E-03	0.00E+00	6.42E-07	2.81E-06	1.54E-03	7.23E-04	1.70E-03	4.82E-05	1.03E-04	2.57E-03	6.87E-04	0.00E+00	6.42E-07	2.81E-06	6.91E-04
2	486023.61, 3854936.51	0.35175	0.05307	0.00795	0.0328	1.50E-03	0.00E+00	6.76E-07	2.82E-06	1.50E-03	7.07E-04	1.67E-03	5.07E-05	1.04E-04	2.53E-03	6.72E-04	0.00E+00	6.76E-07	2.82E-06	6.75E-04
3	486073.61, 3854936.51	0.34752	0.05264	0.00845	0.03292	1.48E-03	0.00E+00	7.19E-07	2.83E-06	1.48E-03	6.98E-04	1.66E-03	5.39E-05	1.04E-04	2.51E-03	6.64E-04	0.00E+00	7.19E-07	2.83E-06	6.67E-04
4	486123.61, 3854936.51	0.33447	0.05146	0.00906	0.03298	1.42E-03	0.00E+00	7.71E-07	2.84E-06	1.43E-03	6.72E-04	1.62E-03	5.78E-05	1.04E-04	2.45E-03	6.39E-04	0.00E+00	7.71E-07	2.84E-06	6.42E-04
5	486173.61, 3854936.51	0.33517	0.05149	0.00959	0.03307	1.43E-03	0.00E+00	8.16E-07	2.85E-06	1.43E-03	6.73E-04	1.62E-03	6.12E-05	1.04E-04	2.46E-03	6.40E-04	0.00E+00	8.16E-07	2.85E-06	6.44E-04
6	486223.61, 3854936.51	0.32784	0.05082	0.01012	0.03312	1.40E-03	0.00E+00	8.61E-07	2.85E-06	1.40E-03	6.58E-04	1.60E-03	6.46E-05	1.05E-04	2.43E-03	6.26E-04	0.00E+00	8.61E-07	2.85E-06	6.30E-04
7	486273.61, 3854936.51	0.32303	0.05039	0.0105	0.03316	1.38E-03	0.00E+00	8.93E-07	2.86E-06	1.38E-03	6.49E-04	1.59E-03	6.70E-05	1.05E-04	2.41E-03	6.17E-04	0.00E+00	8.93E-07	2.86E-06	6.21E-04
8	486323.61, 3854936.51	0.319	0.05004	0.01071	0.03319	1.36E-03	0.00E+00	9.11E-07	2.86E-06	1.36E-03	6.41E-04	1.58E-03	6.83E-05	1.05E-04	2.39E-03	6.09E-04	0.00E+00	9.11E-07	2.86E-06	6.13E-04
9	485973.61, 3854986.51	0.42822	0.05766	0.00744	0.03413	1.82E-03	0.00E+00	6.33E-07	2.94E-06	1.83E-03	8.60E-04	1.82E-03	4.75E-05	1.08E-04	2.83E-03	8.18E-04	0.00E+00	6.33E-07	2.94E-06	8.21E-04
10	486023.61, 3854986.51	0.41882	0.057	0.00775	0.03425	1.78E-03	0.00E+00	6.59E-07	2.95E-06	1.79E-03	8.41E-04	1.80E-03	4.94E-05	1.08E-04	2.79E-03	8.00E-04	0.00E+00	6.59E-07	2.95E-06	8.04E-04
11	486073.61, 3854986.51	0.40693	0.05613	0.00821	0.03434	1.73E-03	0.00E+00	6.98E-07	2.96E-06	1.74E-03	8.17E-04	1.77E-03	5.24E-05	1.08E-04	2.75E-03	7.77E-04	0.00E+00	6.98E-07	2.96E-06	7.81E-04
12	486123.61, 3854986.51	0.396	0.05533	0.00876	0.03442	1.69E-03	0.00E+00	7.45E-07	2.96E-06	1.69E-03	7.95E-04	1.74E-03	5.59E-05	1.09E-04	2.70E-03	7.56E-04	0.00E+00	7.45E-07	2.96E-06	7.60E-04
13	486173.61, 3854986.51	0.39106	0.05501	0.00932	0.03449	1.67E-03	0.00E+00	7.93E-07	2.97E-06	1.67E-03	7.85E-04	1.73E-03	5.94E-05	1.09E-04	2.69E-03	7.47E-04	0.00E+00	7.93E-07	2.97E-06	7.51E-04
14	486223.61, 3854986.51	0.3802	0.05421	0.00991	0.03454	1.62E-03	0.00E+00	8.43E-07	2.97E-06	1.62E-03	7.64E-04	1.71E-03	6.32E-05	1.09E-04	2.64E-03	7.26E-04	0.00E+00	8.43E-07	2.97E-06	7.30E-04
15	486273.61, 3854986.51	0.36848	0.05333	0.01043	0.03456	1.57E-03	0.00E+00	8.87E-07	2.98E-06	1.57E-03	7.40E-04	1.68E-03	6.65E-05	1.09E-04	2.60E-03	7.04E-04	0.00E+00	8.87E-07	2.98E-06	7.08E-04
16	486323.61, 3854986.51	0.36928	0.05349	0.01071	0.03461	1.57E-03	0.00E+00	9.11E-07	2.98E-06	1.58E-03	7.42E-04	1.68E-03	6.83E-05	1.09E-04	2.60E-03	7.05E-04	0.00E+00	9.11E-07	2.98E-06	7.09E-04
17	485973.61, 3855036.51	0.50892	0.06187	0.00739	0.03569	2.17E-03	0.00E+00	6.28E-07	3.07E-06	2.17E-03	1.02E-03	1.95E-03	4.71E-05	1.13E-04	3.13E-03	9.72E-04	0.00E+00	6.28E-07	3.07E-06	9.76E-04
18	486023.61, 3855036.51	0.49299	0.06097	0.00761	0.0358	2.10E-03	0.00E+00	6.47E-07	3.08E-06	2.10E-03	9.90E-04	1.92E-03	4.85E-05	1.13E-04	3.07E-03	9.42E-04	0.00E+00	6.47E-07	3.08E-06	9.45E-04
19	486073.61, 3855036.51	0.4734	0.05978	0.008	0.03589	2.02E-03	0.00E+00	6.80E-07	3.09E-06	2.02E-03	9.51E-04	1.88E-03	5.10E-05	1.13E-04	3.00E-03	9.04E-04	0.00E+00	6.80E-07	3.09E-06	9.08E-04
20	486123.61, 3855036.51	0.45938	0.05895	0.00849	0.03597	1.96E-03	0.00E+00	7.22E-07	3.10E-06	1.96E-03	9.23E-04	1.86E-03	5.42E-05	1.14E-04	2.95E-03	8.77E-04	0.00E+00	7.22E-07	3.10E-06	8.81E-04
21	486173.61, 3855036.51	0.45222	0.05861	0.00904	0.03604	1.93E-03	0.00E+00	7.69E-07	3.10E-06	1.93E-03	9.08E-04	1.85E-03	5.77E-05	1.14E-04	2.93E-03	8.64E-04	0.00E+00	7.69E-07	3.10E-06	8.68E-04
22	486223.61, 3855036.51	0.43527	0.05752	0.00968	0.03609	1.85E-03	0.00E+00	8.23E-07	3.11E-06	1.86E-03	8.74E-04	1.81E-03	6.17E-05	1.14E-04	2.86E-03	8.31E-04	0.00E+00	8.23E-07	3.11E-06	8.35E-04
23	486273.61, 3855036.51	0.43038	0.05734	0.0102	0.03613	1.83E-03	0.00E+00	8.67E-07	3.11E-06	1.84E-03	8.64E-04	1.81E-03	6.51E-05	1.14E-04	2.85E-03	8.22E-04	0.00E+00	8.67E-07	3.11E-06	8.26E-04
24	486323.61, 3855036.51	0.4187	0.05662	0.01065	0.03613	1.78E-03	0.00E+00	9.06E-07	3.11E-06	1.79E-03	8.41E-04	1.78E-03	6.79E-05	1.14E-04	2.81E-03	8.00E-04	0.00E+00	9.06E-07	3.11E-06	8.04E-04
25	485973.61, 3855086.51	0.59656	0.06611	0.0074	0.03738	2.54E-03	0.00E+00	6.29E-07	3.22E-06	2.54E-03	1.20E-03	2.08E-03	4.72E-05	1.18E-04	3.45E-03	1.14E-03	0.00E+00	6.29E-07	3.22E-06	1.14E-03
26	486023.61, 3855086.51	0.57889	0.06535	0.00753	0.03748	2.47E-03	0.00E+00	6.40E-07	3.23E-06	2.47E-03	1.16E-03	2.06E-03	4.80E-05	1.18E-04	3.39E-03	1.11E-03	0.00E+00	6.40E-07	3.23E-06	1.11E-03
27	486073.61, 3855086.51	0.55216	0.06395	0.00782	0.03759	2.35E-03	0.00E+00	6.65E-07	3.24E-06	2.36E-03	1.11E-03	2.01E-03	4.99E-05	1.19E-04	3.29E-03	1.05E-03	0.00E+00	6.65E-07	3.24E-06	1.06E-03
28	486123.61, 3855086.51	0.53744	0.06329	0.00822	0.03768	2.29E-03	0.00E+00	6.99E-07	3.24E-06	2.29E-03	1.08E-03	1.99E-03	5.24E-05	1.19E-04	3.24E-03	1.03E-03	0.00E+00	6.99E-07	3.24E-06	1.03E-03
29	486173.61, 3855086.51	0.5161	0.06214	0.00878	0.03775	2.20E-03	0.00E+00	7.47E-07	3.25E-06	2.20E-03	1.04E-03	1.96E-03	5.60E-05	1.19E-04	3.17E-03	9.86E-04	0.00E+00	7.47E-07	3.25E-06	9.90E-04
30	486223.61, 3855086.51	0.50271	0.06151	0.00937	0.03779	2.14E-03	0.00E+00	7.97E-07	3.25E-06	2.14E-03	1.01E-03	1.94E-03	5.98E-05	1.19E-04	3.13E-03	9.60E-04	0.00E+00	7.97E-07	3.25E-06	9.64E-04
31	485973.61, 3855136.51	0.70047	0.07099	0.00744	0.03923	2.98E-03	0.00E+00	6.33E-07	3.38E-06	2.99E-03	1.41E-03	2.24E-03	4.75E-05	1.24E-04	3.81E-03	1.34E-03	0.00E+00	6.33E-07	3.38E-06	1.34E-03
32	486023.61, 3855136.51	0.67119	0.0698	0.00751	0.03935	2.86E-03	0.00E+00	6.39E-07	3.39E-06	2.86E-03	1.35E-03	2.20E-03	4.79E-05	1.24E-04	3.72E-03	1.28E-03	0.00E+00	6.39E-07	3.39E-06	1.29E-03
33	486073.61, 3855136.51	0.6427	0.06858	0.0077	0.03946	2.74E-03	0.00E+00	6.55E-07	3.40E-06	2.74E-03	1.29E-03	2.16E-03	4.91E-05	1.25E-04	3.62E-03	1.23E-03	0.00E+00	6.55E-07	3.40E-06	1.23E-03
34	486123.61, 3855136.51	0.61884	0.06757	0.00802	0.03955	2.64E-03	0.00E+00	6.82E-07	3.41E-06	2.64E-03	1.24E-03	2.13E-03	5.12E-05	1.25E-04	3.55E-03	1.18E-03	0.00E+00	6.82E-07	3.41E-06	1.19E-03
35	486173.61, 3855136.51	0.59428	0.06644	0.00849	0.0396	2.53E-03	0.00E+00	7.22E-07	3.41E-06	2.53E-03	1.19E-03	2.09E-03	5.42E-05	1.25E-04	3.47E-03	1.14E-03	0.00E+00	7.22E-07	3.41E-06	1.14E-03
36	486223.61, 3855136.51	0.57351	0.06551	0.00906	0.0396	2.44E-03	0.00E+00	7.71E-07	3.41E-06	2.45E-03	1.15E-03	2.06E-03	5.78E-05	1.25E-04	3.40E-03	1.10E-03	0.00E+00	7.71E-07	3.41E-06	1.10E-03
37	485973.61, 3855186.51	0.81479	0.07616	0.00752	0.04127	3.47E-03	0.00E+00	6.40E-07	3.55E-06	3.47E-03	1.64E-03	2.40E-03	4.80E-05	1.30E-04	4.21E-03	1.56E-03	0.00E+00	6.40E-07	3.55E-06	1.56E-03
38	486023.61, 3855186.51	0.77903	0.0749	0.00753	0.04139	3.32E-03	0.00E+00	6.40E-07	3.56E-06	3.32E-03	1.56E-03	2.36E-03	4.80E-05	1.31E-04	4.10E-03	1.49E-03	0.00E+00	6.40E-07	3.56E-06	1.49E-03
39	486073.61, 3855186.51	0.73751	0.07321	0.00765	0.0415	3.14E-03	0.00E+00	6.51E-07	3.57E-06	3.15E-03	1.48E-03	2.31E-03	4.88E-05	1.31E-04	3.97E-03	1.41E-03	0.00E+00	6.51E-07	3.57E-06	1.41E-03
40	486123.61, 3855186.51	0.70041	0.07166	0.0079	0.04156	2.98E-03	0.00E+00	6.72E-07	3.58E-06	2.99E-03	1.41E-03	2.26E-03	5.04E-05	1.31E-04	3.85E-03	1.34E-03	0.00E+00	6.72E-07	3.58E-06	1.34E-03
41	486173.61, 3855186.51	0.67267	0.07057	0.00827	0.04156	2.86E-03	0.00E+00	7.03E-07	3.58E-06	2.87E-03	1.35E-03	2.22E-03	5.28E-05	1.31E-04	3.76E-03	1.28E-03	0.00E+00	7.03E-07	3.58E-06	1.29E-03
42	486223.61, 3855186.51	0.647	0.06953	0.00878	0.0415	2.76E-03	0.00E+00	7.47E-07	3.57E-06	2.76E-03	1.30E-03	2.19E-03	5.60E-05	1.31E-04	3.68E-03	1.24E-03	0.00E+00	7.47E-07	3.57E-06	1.24E-03
43	486273.61, 3855186.51	0.62113	0.0684	0.0094	0.04138	2.65E-03	0.00E+00	7.99E-07	3.56E-06	2.65E-03	1.25E-03	2.15E-03	6.00E-05	1.31E-04	3.59E-03	1.19E-03	0.00E+00	7.99E-07	3.56E-06	1.19E-03
44	486323.61, 3855186.51	0.6181	0.06872	0.0099	0.0412	2.63E-03	0.00E+00	8.42E-07	3.55E-06	2.64E-03	1.24E-03	2.16E-03	6.31E-05	1.30E-04	3.60E-03	1.18E-03	0.00E+00	8.42E-07	3.55E-06	1.18E-03
45	485973.61, 3855236.51	0.93689	0.08148	0.00762	0.0435	3.99E-03	0.00E+00	6.48E-07	3.75E-06	3.99E-03	1.88E-03	2.57E-03	4.86E-05	1.37E-04	4.63E-03	1.79E-03	0.00E+00	6.48E-07	3.75E-06	1.79E-03
46	486023.61, 3855236.51	0.88342	0.07959	0.00762	0.04361	3.76E-03	0.00E+00	6.48E-07	3.76E-06	3.77E-03	1.77E-03	2.51E-03	4.86E-05	1.38E-04	4.47E-03	1.69E-03	0.00E+00	6.48E-07	3.76E-06	1.69E-03
47	486073.61, 3855236.51	0.83246	0.07766	0.00768	0.04368	3.55E-03	0.00E+00	6.53E-07	3.76E-06	3.55E-03	1.67E-03	2.45E-03	4.90E-05	1.38E-04	4.31E-03	1.59E-03	0.00E+00	6.53E-07	3.76E-06	1.59E-03
48	486123.61, 3855236.51	0.79373	0.07629	0.00783	0.04366	3.38E-03	0.00E+00	6.66E-07	3.76E-06	3.38E-03	1.59E-03	2.40E-03	4.99E-05	1.38E-04	4.19E-03	1.52E-03	0.00E+00	6.66E-07	3.76E-06	1.52E-03
49	486173.61, 3855236.51	0.75961	0.07507	0.0081	0.04357	3.23E-03	0.00E+00	6.89E-07	3.75E-06	3.24E-03	1.53E-03	2.36E-03	5.17E-05	1.38E-04	4.08E-03	1.45E-03	0.00E+00	6.89E-07	3.75E-06	1.46E-03
50	486223.61, 3855236.51	0.72594	0.07377	0.00854	0.04342	3.09E-03	0.00E+00	7.26E-07	3.74E-06	3.10E-03	1.46E-03	2.32E-03	5.45E-05	1.37E-04	3.97E-03	1.39E-03	0.00E+00	7.26E-07	3.74E-06	1.39E-03
51	486273.61, 3855236.51	0.68433	0.07187	0.00916	0.04321	2.91E-03	0.00E+00	7.79E-07	3.72E-06	2.92E-03	1.37E-03	2.26E-03	5.84E-05	1.36E-04	3.83E-03	1.31E-03	0.00E+00	7.79E-07	3.72E-06	1.31E-03
52	486323.61, 3855236.51	0.69012	0.07286	0.0096	0.04291	2.94E-03	0.00E+00	8.16E-07	3.69E-06	2.94E-03	1.39E-03	2.30E-03	6.12E-05	1.35E-04	3.88E-03	1.32E-03	0.00E+00	8.16E-07	3.69E-06	1.32E-03
53	485973.61, 3855286.51	1.06643	0.08692	0.00773	0.04588	4.54E-03	0.00E+00	6.57E-07	3.95E-06	4.55E-03	2.14E-03	2.74E-03	4.93E-05	1.45E-04	5.07E-03	2.04E-03	0.00E+00	6.57E-07	3.95E-06	2.04E-03
54	486023.61, 3855286.51	0.99888	0.08469	0.00774	0.04593	4.25E-03	0.00E+00	6.58E-07	3.96E-06	4.26E-03	2.01E-03	2.67E-03	4.94E-05	1.45E-04	4.87E-03	1.91E-03	0.00E+00	6.58E-07	3.96E-06	1.91E-03
55	486073.61, 3855286.51	0.9432	0.08284	0.00774	0.04589	4.02E-03	0.00E+00	6.58E-07	3.95E-06	4.02E-03	1.89E-03	2.61E-03	4.94E-05	1.45E-04	4.70E-03	1.80E-03	0.00E+00	6.58E-07	3.95E-06	1.81E-03

56	486123.61, 3855286.51	0.88981	0.08094	0.00783	0.04578	3.79E-03	0.00E+00	6.66E-07	3.94E-06	3.79E-03	1.79E-03	2.55E-03	4.99E-05	1.45E-04	4.53E-03	1.70E-03	0.00E+00	6.66E-07	3.94E-06	1.70E-03
57	486173.61, 3855286.51	0.84441	0.07933	0.00803	0.04558	3.60E-03	0.00E+00	6.83E-07	3.92E-06	3.60E-03	1.70E-03	2.50E-03	5.12E-05	1.44E-04	4.39E-03	1.61E-03	0.00E+00	6.83E-07	3.92E-06	1.62E-03
58	486223.61, 3855286.51	0.80997	0.07821	0.00835	0.04531	3.45E-03	0.00E+00	7.10E-07	3.90E-06	3.45E-03	1.63E-03	2.46E-03	5.33E-05	1.43E-04	4.29E-03	1.55E-03	0.00E+00	7.10E-07	3.90E-06	1.55E-03
59	486123.61, 3855336.51	0.9916	0.08581	0.0079	0.04787	4.22E-03	0.00E+00	6.72E-07	4.12E-06	4.23E-03	1.99E-03	2.70E-03	5.04E-05	1.51E-04	4.90E-03	1.89E-03	0.00E+00	6.72E-07	4.12E-06	1.90E-03
60	486173.61, 3855336.51	0.94435	0.08434	0.00799	0.04755	4.02E-03	0.00E+00	6.80E-07	4.09E-06	4.03E-03	1.90E-03	2.66E-03	5.10E-05	1.50E-04	4.75E-03	1.80E-03	0.00E+00	6.80E-07	4.09E-06	1.81E-03
61	486223.61, 3855336.51	0.89853	0.08282	0.00823	0.04719	3.83E-03	0.00E+00	7.00E-07	4.06E-06	3.83E-03	1.80E-03	2.61E-03	5.25E-05	1.49E-04	4.62E-03	1.72E-03	0.00E+00	7.00E-07	4.06E-06	1.72E-03
62	486123.61, 3855386.51	1.10315	0.0911	0.008	0.04995	4.70E-03	0.00E+00	6.80E-07	4.30E-06	4.70E-03	2.22E-03	2.87E-03	5.10E-05	1.58E-04	5.29E-03	2.11E-03	0.00E+00	6.80E-07	4.30E-06	2.11E-03
63	486173.61, 3855386.51	1.04736	0.08948	0.00803	0.04955	4.46E-03	0.00E+00	6.83E-07	4.27E-06	4.47E-03	2.10E-03	2.82E-03	5.12E-05	1.56E-04	5.13E-03	2.00E-03	0.00E+00	6.83E-07	4.27E-06	2.01E-03
64	486223.61, 3855386.51	0.99853	0.08802	0.00817	0.04912	4.25E-03	0.00E+00	6.95E-07	4.23E-06	4.26E-03	2.01E-03	2.77E-03	5.21E-05	1.55E-04	4.99E-03	1.91E-03	0.00E+00	6.95E-07	4.23E-06	1.91E-03
65	486533.18, 3855443.15	0.87006	0.08677	0.01101	0.04887	3.71E-03	0.00E+00	9.36E-07	4.21E-06	3.71E-03	1.75E-03	2.73E-03	7.02E-05	1.54E-04	4.71E-03	1.66E-03	0.00E+00	9.36E-07	4.21E-06	1.67E-03
66	486583.18, 3855443.15	0.8365	0.08553	0.0115	0.04851	3.56E-03	0.00E+00	9.78E-07	4.18E-06	3.57E-03	1.68E-03	2.69E-03	7.34E-05	1.53E-04	4.60E-03	1.60E-03	0.00E+00	9.78E-07	4.18E-06	1.60E-03
67	486633.18, 3855443.15	0.80518	0.08435	0.0118	0.04816	3.43E-03	0.00E+00	1.00E-06	4.15E-06	3.43E-03	1.62E-03	2.66E-03	7.53E-05	1.52E-04	4.50E-03	1.54E-03	0.00E+00	1.00E-06	4.15E-06	1.54E-03
68	486683.18, 3855443.15	0.78231	0.08363	0.01181	0.0478	3.33E-03	0.00E+00	1.00E-06	4.12E-06	3.34E-03	1.57E-03	2.63E-03	7.53E-05	1.51E-04	4.43E-03	1.49E-03	0.00E+00	1.00E-06	4.12E-06	1.50E-03
69	486533.18, 3855493.15	0.94341	0.0915	0.01076	0.05108	4.02E-03	0.00E+00	9.15E-07	4.40E-06	4.02E-03	1.89E-03	2.88E-03	6.86E-05	1.61E-04	5.01E-03	1.80E-03	0.00E+00	9.15E-07	4.40E-06	1.81E-03
70	486583.18, 3855493.15	0.90847	0.09033	0.01133	0.05066	3.87E-03	0.00E+00	9.64E-07	4.36E-06	3.87E-03	1.82E-03	2.85E-03	7.23E-05	1.60E-04	4.90E-03	1.74E-03	0.00E+00	9.64E-07	4.36E-06	1.74E-03
71	486633.18, 3855493.15	0.87397	0.08907	0.01175	0.05024	3.72E-03	0.00E+00	9.99E-07	4.33E-06	3.73E-03	1.76E-03	2.81E-03	7.49E-05	1.59E-04	4.79E-03	1.67E-03	0.00E+00	9.99E-07	4.33E-06	1.67E-03
72	486683.18, 3855493.15	0.84215	0.08789	0.01195	0.04982	3.59E-03	0.00E+00	1.02E-06	4.29E-06	3.59E-03	1.69E-03	2.77E-03	7.62E-05	1.57E-04	4.69E-03	1.61E-03	0.00E+00	1.02E-06	4.29E-06	1.61E-03
73	486533.18, 3855543.15	1.02514	0.09679	0.01045	0.05338	4.37E-03	0.00E+00	8.89E-07	4.60E-06	4.37E-03	2.06E-03	3.05E-03	6.67E-05	1.69E-04	5.34E-03	1.96E-03	0.00E+00	8.89E-07	4.60E-06	1.96E-03
74	486583.18, 3855543.15	0.97626	0.09489	0.01115	0.05289	4.16E-03	0.00E+00	9.48E-07	4.55E-06	4.16E-03	1.96E-03	2.99E-03	7.11E-05	1.67E-04	5.19E-03	1.86E-03	0.00E+00	9.48E-07	4.55E-06	1.87E-03
75	486633.18, 3855543.15	0.9404	0.09367	0.01167	0.05238	4.00E-03	0.00E+00	9.92E-07	4.51E-06	4.01E-03	1.89E-03	2.95E-03	7.44E-05	1.65E-04	5.08E-03	1.80E-03	0.00E+00	9.92E-07	4.51E-06	1.80E-03
76	486683.18, 3855543.15	0.89666	0.09183	0.01208	0.05187	3.82E-03	0.00E+00	1.03E-06	4.47E-06	3.82E-03	1.80E-03	2.89E-03	7.71E-05	1.64E-04	4.93E-03	1.71E-03	0.00E+00	1.03E-06	4.47E-06	1.72E-03
77	486533.18, 3855593.15	1.10441	0.10194	0.01017	0.05575	4.70E-03	0.00E+00	8.65E-07	4.80E-06	4.71E-03	2.22E-03	3.21E-03	6.49E-05	1.76E-04	5.67E-03	2.11E-03	0.00E+00	8.65E-07	4.80E-06	2.12E-03
78	486583.18, 3855593.15	1.05435	0.10014	0.01087	0.05515	4.49E-03	0.00E+00	9.24E-07	4.75E-06	4.50E-03	2.12E-03	3.15E-03	6.93E-05	1.74E-04	5.52E-03	2.01E-03	0.00E+00	9.24E-07	4.75E-06	2.02E-03
79	486633.18, 3855593.15	1.01036	0.09854	0.0115	0.05454	4.30E-03	0.00E+00	9.78E-07	4.70E-06	4.31E-03	2.03E-03	3.10E-03	7.34E-05	1.72E-04	5.38E-03	1.93E-03	0.00E+00	9.78E-07	4.70E-06	1.94E-03
80	486683.18, 3855593.15	0.97406	0.0973	0.01196	0.05392	4.15E-03	0.00E+00	1.02E-06	4.64E-06	4.15E-03	1.96E-03	3.06E-03	7.63E-05	1.70E-04	5.27E-03	1.86E-03	0.00E+00	1.02E-06	4.64E-06	1.87E-03
81	486533.18, 3855643.15	1.18984	0.10752	0.0099	0.05814	5.07E-03	0.00E+00	8.42E-07	5.01E-06	5.07E-03	2.39E-03	3.39E-03	6.31E-05	1.84E-04	6.02E-03	2.27E-03	0.00E+00	8.42E-07	5.01E-06	2.28E-03
82	486583.18, 3855643.15	1.13677	0.1057	0.01057	0.05741	4.84E-03	0.00E+00	8.99E-07	4.94E-06	4.85E-03	2.28E-03	3.33E-03	6.74E-05	1.81E-04	5.86E-03	2.17E-03	0.00E+00	8.99E-07	4.94E-06	2.18E-03
83	486633.18, 3855643.15	1.08732	0.1039	0.01125	0.05669	4.63E-03	0.00E+00	9.57E-07	4.88E-06	4.64E-03	2.18E-03	3.27E-03	7.18E-05	1.79E-04	5.71E-03	2.08E-03	0.00E+00	9.57E-07	4.88E-06	2.08E-03
84	486683.18, 3855643.15	1.04391	0.10233	0.01184	0.05596	4.45E-03	0.00E+00	1.01E-06	4.82E-06	4.45E-03	2.10E-03	3.22E-03	7.55E-05	1.77E-04	5.57E-03	1.99E-03	0.00E+00	1.01E-06	4.82E-06	2.00E-03
85	486533.18, 3855693.15	1.28749	0.1138	0.00965	0.0605	5.48E-03	0.00E+00	8.21E-07	5.21E-06	5.49E-03	2.59E-03	3.58E-03	6.16E-05	1.91E-04	6.42E-03	2.46E-03	0.00E+00	8.21E-07	5.21E-06	2.47E-03
86	486583.18, 3855693.15	1.21688	0.11112	0.01031	0.05968	5.18E-03	0.00E+00	8.77E-07	5.14E-06	5.19E-03	2.44E-03	3.50E-03	6.58E-05	1.88E-04	6.20E-03	2.32E-03	0.00E+00	8.77E-07	5.14E-06	2.33E-03
87	486633.18, 3855693.15	1.15057	0.10845	0.01108	0.05885	4.90E-03	0.00E+00	9.42E-07	5.07E-06	4.91E-03	2.31E-03	3.42E-03	7.07E-05	1.86E-04	5.98E-03	2.20E-03	0.00E+00	9.42E-07	5.07E-06	2.20E-03
88	486683.18, 3855693.15	1.11611	0.10757	0.01166	0.05798	4.75E-03	0.00E+00	9.92E-07	4.99E-06	4.76E-03	2.24E-03	3.39E-03	7.44E-05	1.83E-04	5.89E-03	2.13E-03	0.00E+00	9.92E-07	4.99E-06	2.14E-03
89	486733.18, 3855693.15	1.09399	0.10738	0.01201	0.0571	4.66E-03	0.00E+00	1.02E-06	4.92E-06	4.66E-03	2.20E-03	3.38E-03	7.66E-05	1.80E-04	5.84E-03	2.09E-03	0.00E+00	1.02E-06	4.92E-06	2.10E-03
90	486783.18, 3855693.15	1.07809	0.10759	0.01211	0.05624	4.59E-03	0.00E+00	1.03E-06	4.84E-06	4.60E-03	2.17E-03	3.39E-03	7.72E-05	1.78E-04	5.81E-03	2.06E-03	0.00E+00	1.03E-06	4.84E-06	2.06E-03
91	486533.18, 3855743.15	1.38152	0.11987	0.0095	0.06284	5.88E-03	0.00E+00	8.08E-07	5.41E-06	5.89E-03	2.77E-03	3.78E-03	6.06E-05	1.98E-04	6.81E-03	2.64E-03	0.00E+00	8.08E-07	5.41E-06	2.64E-03
92	486583.18, 3855743.15	1.2938	0.11638	0.0101	0.0619	5.51E-03	0.00E+00	8.59E-07	5.33E-06	5.52E-03	2.60E-03	3.67E-03	6.44E-05	1.95E-04	6.52E-03	2.47E-03	0.00E+00	8.59E-07	5.33E-06	2.48E-03
93	486633.18, 3855743.15	1.23167	0.11414	0.01079	0.06092	5.25E-03	0.00E+00	9.18E-07	5.25E-06	5.25E-03	2.47E-03	3.60E-03	6.88E-05	1.92E-04	6.33E-03	2.35E-03	0.00E+00	9.18E-07	5.25E-06	2.36E-03
94	486683.18, 3855743.15	1.20122	0.11365	0.01136	0.0599	5.12E-03	0.00E+00	9.66E-07	5.16E-06	5.12E-03	2.41E-03	3.58E-03	7.25E-05	1.89E-04	6.25E-03	2.29E-03	0.00E+00	9.66E-07	5.16E-06	2.30E-03
95	486733.18, 3855743.15	1.16316	0.11258	0.0119	0.05892	4.95E-03	0.00E+00	1.01E-06	5.07E-06	4.96E-03	2.34E-03	3.55E-03	7.59E-05	1.86E-04	6.14E-03	2.22E-03	0.00E+00	1.01E-06	5.07E-06	2.23E-03
96	486783.18, 3855743.15	1.15205	0.11321	0.01207	0.05792	4.91E-03	0.00E+00	1.03E-06	4.99E-06	4.91E-03	2.31E-03	3.57E-03	7.70E-05	1.83E-04	6.14E-03	2.20E-03	0.00E+00	1.03E-06	4.99E-06	2.21E-03
97	486533.18, 3855793.15	1.48303	0.12638	0.00943	0.06502	6.32E-03	0.00E+00	8.02E-07	5.60E-06	6.32E-03	2.98E-03	3.98E-03	6.01E-05	2.05E-04	7.23E-03	2.83E-03	0.00E+00	8.02E-07	5.60E-06	2.84E-03
98	486583.18, 3855793.15	1.36799	0.12148	0.00997	0.06399	5.83E-03	0.00E+00	8.48E-07	5.51E-06	5.83E-03	2.75E-03	3.83E-03	6.36E-05	2.02E-04	6.84E-03	2.61E-03	0.00E+00	8.48E-07	5.51E-06	2.62E-03
99	486633.18, 3855793.15	1.32949	0.12079	0.01047	0.0628	5.66E-03	0.00E+00	8.90E-07	5.41E-06	5.67E-03	2.67E-03	3.80E-03	6.68E-05	1.98E-04	6.74E-03	2.54E-03	0.00E+00	8.90E-07	5.41E-06	2.55E-03
100	486683.18, 3855793.15	1.29572	0.12029	0.01102	0.06164	5.52E-03	0.00E+00	9.37E-07	5.31E-06	5.52E-03	2.60E-03	3.79E-03	7.03E-05	1.95E-04	6.66E-03	2.47E-03	0.00E+00	9.37E-07	5.31E-06	2.48E-03
101	486733.18, 3855793.15	1.25739	0.11939	0.01158	0.06052	5.35E-03	0.00E+00	9.85E-07	5.21E-06	5.36E-03	2.53E-03	3.76E-03	7.39E-05	1.91E-04	6.55E-03	2.40E-03	0.00E+00	9.85E-07	5.21E-06	2.41E-03
102	486783.18, 3855793.15	1.22534	0.11879	0.012	0.05943	5.22E-03	0.00E+00	1.02E-06	5.12E-06	5.22E-03	2.46E-03	3.74E-03	7.65E-05	1.88E-04	6.47E-03	2.34E-03	0.00E+00	1.02E-06	5.12E-06	2.35E-03
103	486533.18, 3855843.15	1.57136	0.13202	0.00947	0.06702	6.69E-03	0.00E+00	8.05E-07	5.77E-06	6.70E-03	3.16E-03	4.16E-03	6.04E-05	2.12E-04	7.59E-03	3.00E-03	0.00E+00	8.05E-07	5.77E-06	3.01E-03
104	486583.18, 3855843.15	1.46789	0.128	0.00984	0.06578	6.25E-03	0.00E+00	8.37E-07	5.66E-06	6.26E-03	2.95E-03	4.03E-03	6.28E-05	2.08E-04	7.25E-03	2.80E-03	0.00E+00	8.37E-07	5.66E-06	2.81E-03
105	486633.18, 3855843.15	1.42588	0.12731	0.01024	0.06444	6.07E-03	0.00E+00	8.71E-07	5.55E-06	6.08E-03	2.86E-03	4.01E-03	6.53E-05	2.03E-04	7.14E-03	2.72E-03	0.00E+00	8.71E-07	5.55E-06	2.73E-03
106	486683.18, 3855843.15	1.38703	0.1267	0.01075	0.06314	5.91E-03	0.00E+00	9.14E-07	5.44E-06	5.91E-03	2.79E-03	3.99E-03	6.86E-05	1.99E-04	7.04E-03	2.65E-03	0.00E+00	9.14E-07	5.44E-06	2.66E-03
107	486733.18, 3855843.15	1.34979	0.12611	0.01129	0.06187	5.75E-03	0.00E+00	9.60E-07	5.33E-06	5.75E-03	2.71E-03	3.97E-03	7.20E-05	1.95E-04	6.95E-03	2.58E-03	0.00E+00	9.60E-07	5.33E-06	2.58E-03
108	486783.18, 3855843.15	1.31118	0.12527	0.0118	0.06067	5.58E-03	0.00E+00	1.00E-06	5.22E-06	5.59E-03	2.63E-03	3.95E-03	7.53E-05	1.92E-04	6.85E-03	2.50E-03	0.00E+00	1.00E-06	5.22E-06	2.51E-03
109	486533.18, 3855893.15	1.63878	0.13635	0.00965	0.06874	6.98E-03	0.00E+00	8.21E-07	5.92E-06	6.99E-03	3.29E-03	4.30E-03	6.16E-05	2.17E-04	7.87E-03	3.13E-03	0.00E+00	8.21E-07	5.92E-06	3.14E-03
110	486583.18, 3855893.15	1.58264	0.13529	0.00979	0.06722	6.74E-03	0.00E+00	8.33E-07	5.79E-06	6.75E-03	3.18E-03	4.26E-03	6.24E-05	2.12E-04	7.72E-03	3.02E-03	0.00E+00	8.33E-07	5.79E-06	3.03E-03
111	486633.18, 3855893.15	1.52789	0.13411	0.01009	0.06575	6.51E-03	0.00E+00	8.58E-07	5.66E-06	6.51E-03	3.07E-03	4.22E-03	6.44E-05	2.08E-04	7.57E-03	2.92E-03	0.00E+00	8.58E-07	5.66E-06	2.92E-03
112	486683.18, 3855893.15	1.48322	0.13336	0.01052	0.06432	6.32E-03	0.00E+00	8.95E-07	5.54E-06	6.32E-03	2.98E-03	4.20E-03	6.71E-05	2.03E-04	7.45E-03	2.83E-03	0.00E+00	8.95E-07	5.54E-06	2.84E-03
113	486733.18, 3855893.15	1.44092	0.13263	0.01105	0.06294	6.14E-03	0.00E+00	9.40E-07	5.42E-06	6.14E-03	2.89E-03	4.18E-03	7.05E-05	1.99E-04	7.34E-03	2.75E-03	0.00E+00	9.40E-07	5.42E-06	2.76E-03
114	486783.18, 3855893.15	1.40546	0.13226	0.01155	0.0616	5.99E-03	0.00E+00	9.82E-07	5.30E-06	5.99E-03	2.82E-03	4.17E-03	7.37E-05	1.94E-04	7.26E-03	2.68E-03	0.00E+00	9.82E-07	5.30E-06	2.69E-03

115	486533.18, 3855943.15	1.74974	0.14295	0.00981	0.06999	7.45E-03	0.00E+00	8.34E-07	6.03E-06	7.46E-03	3.51E-03	4.50E-03	6.26E-05	2.21E-04	8.30E-03	3.34E-03	0.00E+00	8.34E-07	6.03E-06	3.35E-03
116	486583.18, 3855943.15	1.70632	0.14287	0.00982	0.06828	7.27E-03	0.00E+00	8.35E-07	5.88E-06	7.27E-03	3.43E-03	4.50E-03	6.26E-05	2.16E-04	8.21E-03	3.26E-03	0.00E+00	8.35E-07	5.88E-06	3.27E-03
117	486633.18, 3855943.15	1.63761	0.14118	0.01003	0.06671	6.97E-03	0.00E+00	8.53E-07	5.74E-06	6.98E-03	3.29E-03	4.45E-03	6.40E-05	2.11E-04	8.01E-03	3.13E-03	0.00E+00	8.53E-07	5.74E-06	3.13E-03
118	486683.18, 3855943.15	1.5929	0.14072	0.01034	0.06515	6.78E-03	0.00E+00	8.79E-07	5.61E-06	6.79E-03	3.20E-03	4.43E-03	6.60E-05	2.06E-04	7.90E-03	3.04E-03	0.00E+00	8.79E-07	5.61E-06	3.05E-03
119	486733.18, 3855943.15	1.53842	0.13947	0.01082	0.06369	6.55E-03	0.00E+00	9.20E-07	5.48E-06	6.56E-03	3.09E-03	4.39E-03	6.90E-05	2.01E-04	7.75E-03	2.94E-03	0.00E+00	9.20E-07	5.48E-06	2.94E-03
120	486783.18, 3855943.15	1.50041	0.13916	0.01131	0.06225	6.39E-03	0.00E+00	9.62E-07	5.36E-06	6.40E-03	3.01E-03	4.38E-03	7.21E-05	1.97E-04	7.67E-03	2.87E-03	0.00E+00	9.62E-07	5.36E-06	2.87E-03
121	486533.18, 3855993.15	1.88964	0.15075	0.00997	0.07082	8.05E-03	0.00E+00	8.48E-07	6.10E-06	8.05E-03	3.80E-03	4.75E-03	6.36E-05	2.24E-04	8.83E-03	3.61E-03	0.00E+00	8.48E-07	6.10E-06	3.62E-03
122	486583.18, 3855993.15	1.82268	0.14974	0.00996	0.06903	7.76E-03	0.00E+00	8.47E-07	5.94E-06	7.77E-03	3.66E-03	4.72E-03	6.35E-05	2.18E-04	8.66E-03	3.48E-03	0.00E+00	8.47E-07	5.94E-06	3.49E-03
123	486633.18, 3855993.15	1.75649	0.14853	0.01005	0.06733	7.48E-03	0.00E+00	8.55E-07	5.80E-06	7.49E-03	3.53E-03	4.68E-03	6.41E-05	2.13E-04	8.48E-03	3.35E-03	0.00E+00	8.55E-07	5.80E-06	3.36E-03
124	486683.18, 3855993.15	1.70391	0.1479	0.01026	0.06568	7.26E-03	0.00E+00	8.73E-07	5.66E-06	7.26E-03	3.42E-03	4.66E-03	6.54E-05	2.07E-04	8.35E-03	3.25E-03	0.00E+00	8.73E-07	5.66E-06	3.26E-03
125	486733.18, 3855993.15	1.64556	0.14672	0.01065	0.06414	7.01E-03	0.00E+00	9.06E-07	5.52E-06	7.01E-03	3.31E-03	4.62E-03	6.79E-05	2.03E-04	8.20E-03	3.14E-03	0.00E+00	9.06E-07	5.52E-06	3.15E-03
126	486783.18, 3855993.15	1.59608	0.14592	0.01112	0.06265	6.80E-03	0.00E+00	9.46E-07	5.39E-06	6.80E-03	3.21E-03	4.60E-03	7.09E-05	1.98E-04	8.07E-03	3.05E-03	0.00E+00	9.46E-07	5.39E-06	3.05E-03
127	486533.18, 3856043.15	2.03527	0.15845	0.01013	0.07133	8.67E-03	0.00E+00	8.62E-07	6.14E-06	8.67E-03	4.09E-03	4.99E-03	6.46E-05	2.25E-04	9.37E-03	3.89E-03	0.00E+00	8.62E-07	6.14E-06	3.89E-03
128	486583.18, 3856043.15	1.96555	0.15773	0.0101	0.06943	8.37E-03	0.00E+00	8.59E-07	5.98E-06	8.38E-03	3.95E-03	4.97E-03	6.44E-05	2.19E-04	9.20E-03	3.75E-03	0.00E+00	8.59E-07	5.98E-06	3.76E-03
129	486633.18, 3856043.15	1.88392	0.15605	0.01015	0.06767	8.02E-03	0.00E+00	8.63E-07	5.83E-06	8.03E-03	3.78E-03	4.92E-03	6.47E-05	2.14E-04	8.98E-03	3.60E-03	0.00E+00	8.63E-07	5.83E-06	3.60E-03
130	486683.18, 3856043.15	1.82644	0.15551	0.01026	0.06595	7.78E-03	0.00E+00	8.73E-07	5.68E-06	7.78E-03	3.67E-03	4.90E-03	6.54E-05	2.08E-04	8.84E-03	3.49E-03	0.00E+00	8.73E-07	5.68E-06	3.49E-03
131	486733.18, 3856043.15	1.75665	0.15396	0.01055	0.06436	7.48E-03	0.00E+00	8.97E-07	5.54E-06	7.49E-03	3.53E-03	4.85E-03	6.73E-05	2.03E-04	8.65E-03	3.36E-03	0.00E+00	8.97E-07	5.54E-06	3.36E-03
132	486783.18, 3856043.15	1.70844	0.15363	0.01093	0.0628	7.28E-03	0.00E+00	9.30E-07	5.41E-06	7.28E-03	3.43E-03	4.84E-03	6.97E-05	1.98E-04	8.54E-03	3.26E-03	0.00E+00	9.30E-07	5.41E-06	3.27E-03
133	486533.18, 3856093.15	2.20956	0.16707	0.01024	0.07153	9.41E-03	0.00E+00	8.71E-07	6.16E-06	9.42E-03	4.44E-03	5.26E-03	6.53E-05	2.26E-04	9.99E-03	4.22E-03	0.00E+00	8.71E-07	6.16E-06	4.23E-03
134	486583.18, 3856093.15	2.11525	0.1656	0.01027	0.06961	9.01E-03	0.00E+00	8.73E-07	5.99E-06	9.01E-03	4.25E-03	5.22E-03	6.55E-05	2.20E-04	9.75E-03	4.04E-03	0.00E+00	8.73E-07	5.99E-06	4.05E-03
135	486633.18, 3856093.15	2.02686	0.16403	0.01029	0.06778	8.63E-03	0.00E+00	8.75E-07	5.84E-06	8.64E-03	4.07E-03	5.17E-03	6.56E-05	2.14E-04	9.52E-03	3.87E-03	0.00E+00	8.75E-07	5.84E-06	3.88E-03
136	486683.18, 3856093.15	1.95547	0.16311	0.01035	0.06603	8.33E-03	0.00E+00	8.80E-07	5.69E-06	8.33E-03	3.93E-03	5.14E-03	6.60E-05	2.08E-04	9.34E-03	3.73E-03	0.00E+00	8.80E-07	5.69E-06	3.74E-03
137	486733.18, 3856093.15	1.88106	0.16171	0.01053	0.06439	8.01E-03	0.00E+00	8.96E-07	5.54E-06	8.02E-03	3.78E-03	5.09E-03	6.72E-05	2.03E-04	9.14E-03	3.59E-03	0.00E+00	8.96E-07	5.54E-06	3.60E-03
138	486783.18, 3856093.15	1.82027	0.16094	0.01084	0.06282	7.75E-03	0.00E+00	9.22E-07	5.41E-06	7.76E-03	3.66E-03	5.07E-03	6.91E-05	1.98E-04	8.99E-03	3.48E-03	0.00E+00	9.22E-07	5.41E-06	3.48E-03
139	486533.18, 3856143.15	2.39063	0.17534	0.01032	0.07158	1.02E-02	0.00E+00	8.78E-07	6.16E-06	1.02E-02	4.80E-03	5.52E-03	6.58E-05	2.26E-04	1.06E-02	4.57E-03	0.00E+00	8.78E-07	6.16E-06	4.57E-03
140	486583.18, 3856143.15	2.27144	0.17322	0.01044	0.06963	9.67E-03	0.00E+00	8.88E-07	6.00E-06	9.68E-03	4.56E-03	5.46E-03	6.66E-05	2.20E-04	1.03E-02	4.34E-03	0.00E+00	8.88E-07	6.00E-06	4.35E-03
141	486633.18, 3856143.15	2.18154	0.17212	0.01046	0.06775	9.29E-03	0.00E+00	8.90E-07	5.83E-06	9.30E-03	4.38E-03	5.42E-03	6.67E-05	2.14E-04	1.01E-02	4.17E-03	0.00E+00	8.90E-07	5.83E-06	4.17E-03
142	486683.18, 3856143.15	2.09393	0.17078	0.0105	0.06597	8.92E-03	0.00E+00	8.93E-07	5.68E-06	8.92E-03	4.21E-03	5.38E-03	6.70E-05	2.08E-04	9.86E-03	4.00E-03	0.00E+00	8.93E-07	5.68E-06	4.01E-03
143	486733.18, 3856143.15	2.01324	0.16949	0.0106	0.0643	8.57E-03	0.00E+00	9.01E-07	5.54E-06	8.58E-03	4.04E-03	5.34E-03	6.76E-05	2.03E-04	9.65E-03	3.85E-03	0.00E+00	9.01E-07	5.54E-06	3.85E-03
144	486783.18, 3856143.15	1.95295	0.16931	0.0108	0.06266	8.32E-03	0.00E+00	9.19E-07	5.40E-06	8.32E-03	3.92E-03	5.33E-03	6.89E-05	1.98E-04	9.52E-03	3.73E-03	0.00E+00	9.19E-07	5.40E-06	3.74E-03
145	486533.18, 3856193.15	2.60616	0.18435	0.01032	0.07147	1.11E-02	0.00E+00	8.78E-07	6.15E-06	1.11E-02	5.23E-03	5.81E-03	6.58E-05	2.26E-04	1.13E-02	4.98E-03	0.00E+00	8.78E-07	6.15E-06	4.98E-03
146	486583.18, 3856193.15	2.45675	0.18157	0.01054	0.06951	1.05E-02	0.00E+00	8.96E-07	5.99E-06	1.05E-02	4.93E-03	5.72E-03	6.72E-05	2.19E-04	1.09E-02	4.69E-03	0.00E+00	8.96E-07	5.99E-06	4.70E-03
147	486633.18, 3856193.15	2.35012	0.18027	0.01063	0.06759	1.00E-02	0.00E+00	9.04E-07	5.82E-06	1.00E-02	4.72E-03	5.68E-03	6.78E-05	2.13E-04	1.07E-02	4.49E-03	0.00E+00	9.04E-07	5.82E-06	4.50E-03
148	486683.18, 3856193.15	2.26322	0.17966	0.01064	0.06576	9.64E-03	0.00E+00	9.05E-07	5.66E-06	9.64E-03	4.55E-03	5.66E-03	6.79E-05	2.08E-04	1.05E-02	4.32E-03	0.00E+00	9.05E-07	5.66E-06	4.33E-03
149	486733.18, 3856193.15	2.1634	0.17783	0.01072	0.06406	9.21E-03	0.00E+00	9.12E-07	5.52E-06	9.22E-03	4.35E-03	5.60E-03	6.84E-05	2.02E-04	1.02E-02	4.13E-03	0.00E+00	9.12E-07	5.52E-06	4.14E-03
150	486783.18, 3856193.15	2.09192	0.17754	0.01084	0.0624	8.91E-03	0.00E+00	9.22E-07	5.37E-06	8.92E-03	4.20E-03	5.59E-03	6.91E-05	1.97E-04	1.01E-02	4.00E-03	0.00E+00	9.22E-07	5.37E-06	4.00E-03
151	486533.18, 3856243.15	2.84083	0.19306	0.01029	0.07126	1.21E-02	0.00E+00	8.75E-07	6.14E-06	1.21E-02	5.71E-03	6.08E-03	6.56E-05	2.25E-04	1.21E-02	5.43E-03	0.00E+00	8.75E-07	6.14E-06	5.43E-03
152	486583.18, 3856243.15	2.68338	0.19093	0.01056	0.06923	1.14E-02	0.00E+00	8.98E-07	5.96E-06	1.14E-02	5.39E-03	6.01E-03	6.74E-05	2.19E-04	1.17E-02	5.13E-03	0.00E+00	8.98E-07	5.96E-06	5.13E-03
153	486633.18, 3856243.15	2.54709	0.18903	0.01074	0.06729	1.08E-02	0.00E+00	9.13E-07	5.79E-06	1.09E-02	5.12E-03	5.95E-03	6.85E-05	2.12E-04	1.14E-02	4.86E-03	0.00E+00	9.13E-07	5.79E-06	4.87E-03
154	486683.18, 3856243.15	2.4334	0.1877	0.01083	0.06544	1.04E-02	0.00E+00	9.21E-07	5.64E-06	1.04E-02	4.89E-03	5.91E-03	6.91E-05	2.07E-04	1.11E-02	4.65E-03	0.00E+00	9.21E-07	5.64E-06	4.65E-03
155	486733.18, 3856243.15	2.33556	0.18682	0.01087	0.06367	9.95E-03	0.00E+00	9.24E-07	5.48E-06	9.95E-03	4.69E-03	5.88E-03	6.93E-05	2.01E-04	1.08E-02	4.46E-03	0.00E+00	9.24E-07	5.48E-06	4.47E-03
156	486783.18, 3856243.15	2.2368	0.1854	0.01097	0.06201	9.53E-03	0.00E+00	9.33E-07	5.34E-06	9.53E-03	4.49E-03	5.84E-03	7.00E-05	1.96E-04	1.06E-02	4.27E-03	0.00E+00	9.33E-07	5.34E-06	4.28E-03
157	486533.18, 3856293.15	3.12501	0.20239	0.01021	0.07086	1.33E-02	0.00E+00	8.68E-07	6.10E-06	1.33E-02	6.28E-03	6.38E-03	6.51E-05	2.24E-04	1.29E-02	5.97E-03	0.00E+00	8.68E-07	6.10E-06	5.98E-03
158	486583.18, 3856293.15	2.93074	0.1999	0.01054	0.06879	1.25E-02	0.00E+00	8.96E-07	5.92E-06	1.25E-02	5.89E-03	6.30E-03	6.72E-05	2.17E-04	1.25E-02	5.60E-03	0.00E+00	8.96E-07	5.92E-06	5.60E-03
159	486633.18, 3856293.15	2.77114	0.19799	0.0108	0.06681	1.18E-02	0.00E+00	9.19E-07	5.75E-06	1.18E-02	5.57E-03	6.24E-03	6.89E-05	2.11E-04	1.21E-02	5.29E-03	0.00E+00	9.19E-07	5.75E-06	5.30E-03
160	486683.18, 3856293.15	2.63298	0.19635	0.01096	0.06493	1.12E-02	0.00E+00	9.32E-07	5.59E-06	1.12E-02	5.29E-03	6.19E-03	6.99E-05	2.05E-04	1.17E-02	5.03E-03	0.00E+00	9.32E-07	5.59E-06	5.04E-03
161	486733.18, 3856293.15	2.52186	0.19566	0.01104	0.06311	1.07E-02	0.00E+00	9.39E-07	5.43E-06	1.07E-02	5.07E-03	6.16E-03	7.04E-05	1.99E-04	1.15E-02	4.82E-03	0.00E+00	9.39E-07	5.43E-06	4.82E-03
162	486783.18, 3856293.15	2.40484	0.19398	0.01113	0.06142	1.02E-02	0.00E+00	9.47E-07	5.29E-06	1.02E-02	4.83E-03	6.11E-03	7.10E-05	1.94E-04	1.12E-02	4.59E-03	0.00E+00	9.47E-07	5.29E-06	4.60E-03
163	486783.18, 3856343.15	2.60459	0.20359	0.01129	0.06058	1.11E-02	0.00E+00	9.60E-07	5.22E-06	1.11E-02	5.23E-03	6.41E-03	7.20E-05	1.91E-04	1.19E-02	4.97E-03	0.00E+00	9.60E-07	5.22E-06	4.98E-03
164	486833.18, 3856343.15	2.48339	0.20219	0.01141	0.05895	1.06E-02	0.00E+00	9.70E-07	5.08E-06	1.06E-02	4.99E-03	6.37E-03	7.28E-05	1.86E-04	1.16E-02	4.74E-03	0.00E+00	9.70E-07	5.08E-06	4.75E-03
165	486883.18, 3856343.15	2.37346	0.20093	0.01159	0.05741	1.01E-02	0.00E+00	9.86E-07	4.94E-06	1.01E-02	4.77E-03	6.33E-03	7.39E-05	1.81E-04	1.14E-02	4.53E-03	0.00E+00	9.86E-07	4.94E-06	4.54E-03
166	486783.18, 3856393.15	2.80949	0.21183	0.01148	0.05953	1.20E-02	0.00E+00	9.76E-07	5.13E-06	1.20E-02	5.64E-03	6.67E-03	7.32E-05	1.88E-04	1.26E-02	5.37E-03	0.00E+00	9.76E-07	5.13E-06	5.37E-03
167	486833.18, 3856393.15	2.67013	0.2105	0.01161	0.05789	1.14E-02	0.00E+00	9.87E-07	4.98E-06	1.14E-02	5.36E-03	6.63E-03	7.41E-05	1.83E-04	1.23E-02	5.10E-03	0.00E+00	9.87E-07	4.98E-06	5.11E-03
168	486883.18, 3856393.15	2.53452	0.20836	0.01177	0.05637	1.08E-02	0.00E+00	1.00E-06	4.85E-06	1.08E-02	5.09E-03	6.56E-03	7.51E-05	1.78E-04	1.19E-02	4.84E-03	0.00E+00	1.00E-06	4.85E-06	4.85E-03
169	487208.74, 3856886.11	3.55383	0.27209	0.01684	0.03453	1.51E-02	0.00E+00	1.43E-06	2.97E-06	1.51E-02	7.14E-03	8.57E-03	1.07E-04	1.09E-04	1.59E-02	6.79E-03	0.00E+00	1.43E-06	2.97E-06	6.79E-03
170	487258.74, 3856886.11	3.25915	0.26834	0.01742	0.03409	1.39E-02	0.00E+00	1.48E-06	2.94E-06	1.39E-02	6.55E-03	8.45E-03	1.11E-04	1.08E-04	1.52E-02	6.22E-03	0.00E+00	1.48E-06	2.94E-06	6.23E-03
171	487308.74, 3856886.11	3.00458	0.26498	0.01812	0.03367	1.28E-02	0.00E+00	1.54E-06	2.90E-06	1.28E-02	6.03E-03	8.35E-03	1.16E-04	1.06E-04	1.46E-02	5.74E-03	0.00E+00	1.54E-06	2.90E-06	5.74E-03
172	487358.74, 3856886.11	2.78243	0.26116	0.01897	0.0333	1.18E-02	0.00E+00	1.61E-06	2.87E-06	1.19E-02	5.59E-03	8.23E-03	1.21E-04	1.05E-04	1.40E-02	5.31E-03	0.00E+00	1.61E-06	2.87E-06	5.32E-03
173	487208.74, 3856936.11	3.83207	0.2793	0.01735	0.0333	1.63E-02	0.00E+00	1.48E-06	2.87E-06	1.63E-02	7.70E-03	8.80E-03	1.11E-04	1.05E-04	1.67E-02	7.32E-03	0.00E+00	1.48E-06	2.87E-06	7.32E-03

174	487258.74, 3856936.11	3.45643	0.27543	0.01793	0.0329	1.47E-02	0.00E+00	1.52E-06	2.83E-06	1.47E-02	6.94E-03	8.68E-03	1.14E-04	1.04E-04	1.58E-02	6.60E-03	0.00E+00	1.52E-06	2.83E-06	6.61E-03
175	487308.74, 3856936.11	3.13802	0.27206	0.01861	0.03253	1.34E-02	0.00E+00	1.58E-06	2.80E-06	1.34E-02	6.30E-03	8.57E-03	1.19E-04	1.03E-04	1.51E-02	5.99E-03	0.00E+00	1.58E-06	2.80E-06	6.00E-03
176	487358.74, 3856936.11	2.86819	0.2684	0.01944	0.0322	1.22E-02	0.00E+00	1.65E-06	2.77E-06	1.22E-02	5.76E-03	8.45E-03	1.24E-04	1.02E-04	1.44E-02	5.48E-03	0.00E+00	1.65E-06	2.77E-06	5.48E-03
177	487208.74, 3856986.11	4.07306	0.28625	0.01791	0.03214	1.73E-02	0.00E+00	1.52E-06	2.77E-06	1.74E-02	8.18E-03	9.02E-03	1.14E-04	1.01E-04	1.74E-02	7.78E-03	0.00E+00	1.52E-06	2.77E-06	7.78E-03
178	487258.74, 3856986.11	3.57751	0.2831	0.01851	0.03178	1.52E-02	0.00E+00	1.57E-06	2.74E-06	1.52E-02	7.19E-03	8.92E-03	1.18E-04	1.00E-04	1.63E-02	6.83E-03	0.00E+00	1.57E-06	2.74E-06	6.84E-03
179	487308.74, 3856986.11	3.19361	0.27864	0.0192	0.03147	1.36E-02	0.00E+00	1.63E-06	2.71E-06	1.36E-02	6.41E-03	8.78E-03	1.22E-04	9.94E-05	1.54E-02	6.10E-03	0.00E+00	1.63E-06	2.71E-06	6.10E-03
180	487358.74, 3856986.11	2.87645	0.27556	0.02	0.03118	1.22E-02	0.00E+00	1.70E-06	2.68E-06	1.23E-02	5.78E-03	8.68E-03	1.28E-04	9.84E-05	1.47E-02	5.49E-03	0.00E+00	1.70E-06	2.68E-06	5.50E-03
181	487208.74, 3857036.11	4.06288	0.29274	0.01854	0.03105	1.73E-02	0.00E+00	1.58E-06	2.67E-06	1.73E-02	8.16E-03	9.22E-03	1.18E-04	9.80E-05	1.76E-02	7.76E-03	0.00E+00	1.58E-06	2.67E-06	7.76E-03
182	487258.74, 3857036.11	3.5029	0.289	0.01917	0.03074	1.49E-02	0.00E+00	1.63E-06	2.65E-06	1.49E-02	7.04E-03	9.10E-03	1.22E-04	9.71E-05	1.64E-02	6.69E-03	0.00E+00	1.63E-06	2.65E-06	6.69E-03
183	487308.74, 3857036.11	3.08211	0.28589	0.01987	0.03047	1.31E-02	0.00E+00	1.69E-06	2.62E-06	1.31E-02	6.19E-03	9.01E-03	1.27E-04	9.62E-05	1.54E-02	5.89E-03	0.00E+00	1.69E-06	2.62E-06	5.89E-03
184	487358.74, 3857036.11	2.75835	0.28228	0.02067	0.03023	1.17E-02	0.00E+00	1.76E-06	2.60E-06	1.18E-02	5.54E-03	8.89E-03	1.32E-04	9.54E-05	1.47E-02	5.27E-03	0.00E+00	1.76E-06	2.60E-06	5.27E-03
185	487427.14, 3856878.23	2.50533	0.25669	0.0202	0.03296	1.07E-02	0.00E+00	1.72E-06	2.84E-06	1.07E-02	5.03E-03	8.09E-03	1.29E-04	1.04E-04	1.34E-02	4.79E-03	0.00E+00	1.72E-06	2.84E-06	4.79E-03
186	487477.14, 3856878.23	2.34021	0.25385	0.0212	0.03261	9.97E-03	0.00E+00	1.80E-06	2.81E-06	9.97E-03	4.70E-03	8.00E-03	1.35E-04	1.03E-04	1.29E-02	4.47E-03	0.00E+00	1.80E-06	2.81E-06	4.47E-03
187	487527.14, 3856878.23	2.19286	0.25075	0.02224	0.03226	9.34E-03	0.00E+00	1.89E-06	2.78E-06	9.34E-03	4.40E-03	7.90E-03	1.42E-04	1.02E-04	1.25E-02	4.19E-03	0.00E+00	1.89E-06	2.78E-06	4.19E-03
188	487427.14, 3856928.23	2.55406	0.2634	0.02071	0.03192	1.09E-02	0.00E+00	1.76E-06	2.75E-06	1.09E-02	5.13E-03	8.30E-03	1.32E-04	1.01E-04	1.37E-02	4.88E-03	0.00E+00	1.76E-06	2.75E-06	4.88E-03
189	487477.14, 3856928.23	2.36815	0.25967	0.0218	0.03162	1.01E-02	0.00E+00	1.85E-06	2.72E-06	1.01E-02	4.76E-03	8.18E-03	1.39E-04	9.98E-05	1.32E-02	4.52E-03	0.00E+00	1.85E-06	2.72E-06	4.53E-03
190	487527.14, 3856928.23	2.20351	0.25677	0.02292	0.03131	9.38E-03	0.00E+00	1.95E-06	2.70E-06	9.39E-03	4.43E-03	8.09E-03	1.46E-04	9.89E-05	1.28E-02	4.21E-03	0.00E+00	1.95E-06	2.70E-06	4.21E-03
191	487577.14, 3856928.23	2.05858	0.25388	0.02411	0.03101	8.77E-03	0.00E+00	2.05E-06	2.67E-06	8.77E-03	4.13E-03	8.00E-03	1.54E-04	9.79E-05	1.24E-02	3.93E-03	0.00E+00	2.05E-06	2.67E-06	3.94E-03
192	487627.14, 3856928.23	1.93156	0.25032	0.02543	0.03075	8.23E-03	0.00E+00	2.16E-06	2.65E-06	8.23E-03	3.88E-03	7.89E-03	1.62E-04	9.71E-05	1.20E-02	3.69E-03	0.00E+00	2.16E-06	2.65E-06	3.69E-03
193	487677.14, 3856928.23	1.81596	0.24812	0.02688	0.03049	7.73E-03	0.00E+00	2.29E-06	2.63E-06	7.74E-03	3.65E-03	7.82E-03	1.71E-04	9.63E-05	1.17E-02	3.47E-03	0.00E+00	2.29E-06	2.63E-06	3.47E-03
194	487727.14, 3856928.23	1.71198	0.24619	0.0283	0.03026	7.29E-03	0.00E+00	2.41E-06	2.61E-06	7.30E-03	3.44E-03	7.75E-03	1.81E-04	9.55E-05	1.15E-02	3.27E-03	0.00E+00	2.41E-06	2.61E-06	3.27E-03
195	487777.14, 3856928.23	1.61966	0.24353	0.02941	0.03005	6.90E-03	0.00E+00	2.50E-06	2.59E-06	6.90E-03	3.25E-03	7.67E-03	1.88E-04	9.49E-05	1.12E-02	3.09E-03	0.00E+00	2.50E-06	2.59E-06	3.10E-03
196	487427.14, 3856978.23	2.54395	0.26934	0.02128	0.03096	1.08E-02	0.00E+00	1.81E-06	2.67E-06	1.08E-02	5.11E-03	8.48E-03	1.36E-04	9.78E-05	1.38E-02	4.86E-03	0.00E+00	1.81E-06	2.67E-06	4.86E-03
197	487477.14, 3856978.23	2.33993	0.26621	0.02243	0.03069	9.96E-03	0.00E+00	1.91E-06	2.64E-06	9.97E-03	4.70E-03	8.39E-03	1.43E-04	9.69E-05	1.33E-02	4.47E-03	0.00E+00	1.91E-06	2.64E-06	4.47E-03
198	487527.14, 3856978.23	2.16542	0.26311	0.02365	0.03043	9.22E-03	0.00E+00	2.01E-06	2.62E-06	9.23E-03	4.35E-03	8.29E-03	1.51E-04	9.61E-05	1.29E-02	4.14E-03	0.00E+00	2.01E-06	2.62E-06	4.14E-03
199	487577.14, 3856978.23	2.01505	0.25987	0.02493	0.03019	8.58E-03	0.00E+00	2.12E-06	2.60E-06	8.59E-03	4.05E-03	8.19E-03	1.59E-04	9.53E-05	1.25E-02	3.85E-03	0.00E+00	2.12E-06	2.60E-06	3.85E-03
200	487627.14, 3856978.23	1.88514	0.2561	0.02629	0.02999	8.03E-03	0.00E+00	2.24E-06	2.58E-06	8.03E-03	3.79E-03	8.07E-03	1.68E-04	9.47E-05	1.21E-02	3.60E-03	0.00E+00	2.24E-06	2.58E-06	3.61E-03
201	487677.14, 3856978.23	1.76789	0.25371	0.0278	0.02979	7.53E-03	0.00E+00	2.36E-06	2.57E-06	7.53E-03	3.55E-03	7.99E-03	1.77E-04	9.41E-05	1.18E-02	3.38E-03	0.00E+00	2.36E-06	2.57E-06	3.38E-03
202	487727.14, 3856978.23	1.66823	0.24915	0.02938	0.02964	7.10E-03	0.00E+00	2.50E-06	2.55E-06	7.11E-03	3.35E-03	7.85E-03	1.87E-04	9.36E-05	1.15E-02	3.19E-03	0.00E+00	2.50E-06	2.55E-06	3.19E-03
203	487777.14, 3856978.23	1.57042	0.24944	0.03066	0.02945	6.69E-03	0.00E+00	2.61E-06	2.54E-06	6.69E-03	3.15E-03	7.86E-03	1.96E-04	9.30E-05	1.13E-02	3.00E-03	0.00E+00	2.61E-06	2.54E-06	3.00E-03
204	487427.14, 3857028.23	2.44085	0.27622	0.02192	0.03006	1.04E-02	0.00E+00	1.86E-06	2.59E-06	1.04E-02	4.90E-03	8.70E-03	1.40E-04	9.49E-05	1.38E-02	4.66E-03	0.00E+00	1.86E-06	2.59E-06	4.67E-03
205	487477.14, 3857028.23	2.23892	0.27266	0.02313	0.02984	9.53E-03	0.00E+00	1.97E-06	2.57E-06	9.54E-03	4.50E-03	8.59E-03	1.48E-04	9.42E-05	1.33E-02	4.28E-03	0.00E+00	1.97E-06	2.57E-06	4.28E-03
206	487527.14, 3857028.23	2.06926	0.26894	0.02444	0.02964	8.81E-03	0.00E+00	2.08E-06	2.55E-06	8.82E-03	4.16E-03	8.47E-03	1.56E-04	9.36E-05	1.29E-02	3.95E-03	0.00E+00	2.08E-06	2.55E-06	3.96E-03
207	487577.14, 3857028.23	1.92275	0.26575	0.02582	0.02946	8.19E-03	0.00E+00	2.20E-06	2.54E-06	8.19E-03	3.86E-03	8.37E-03	1.65E-04	9.30E-05	1.25E-02	3.67E-03	0.00E+00	2.20E-06	2.54E-06	3.68E-03
208	487627.14, 3857028.23	1.79856	0.2616	0.02727	0.02932	7.66E-03	0.00E+00	2.32E-06	2.52E-06	7.66E-03	3.61E-03	8.24E-03	1.74E-04	9.26E-05	1.21E-02	3.44E-03	0.00E+00	2.32E-06	2.52E-06	3.44E-03
209	487677.14, 3857028.23	1.68678	0.25882	0.02885	0.02919	7.18E-03	0.00E+00	2.45E-06	2.51E-06	7.19E-03	3.39E-03	8.15E-03	1.84E-04	9.22E-05	1.18E-02	3.22E-03	0.00E+00	2.45E-06	2.51E-06	3.23E-03
210	487727.14, 3857028.23	1.58635	0.25695	0.03051	0.02906	6.76E-03	0.00E+00	2.59E-06	2.50E-06	6.76E-03	3.19E-03	8.09E-03	1.95E-04	9.18E-05	1.16E-02	3.03E-03	0.00E+00	2.59E-06	2.50E-06	3.03E-03
211	487777.14, 3857028.23	1.49835	0.25451	0.03204	0.02895	6.38E-03	0.00E+00	2.72E-06	2.49E-06	6.39E-03	3.01E-03	8.02E-03	2.04E-04	9.14E-05	1.13E-02	2.86E-03	0.00E+00	2.72E-06	2.49E-06	2.87E-03
212	487427.14, 3857078.23	2.2458	0.28245	0.02267	0.02923	9.56E-03	0.00E+00	1.93E-06	2.52E-06	9.57E-03	4.51E-03	8.90E-03	1.45E-04	9.23E-05	1.36E-02	4.29E-03	0.00E+00	1.93E-06	2.52E-06	4.29E-03
213	487477.14, 3857078.23	2.06781	0.27839	0.0239	0.02907	8.81E-03	0.00E+00	2.03E-06	2.50E-06	8.81E-03	4.15E-03	8.77E-03	1.52E-04	9.18E-05	1.32E-02	3.95E-03	0.00E+00	2.03E-06	2.50E-06	3.95E-03
214	487527.14, 3857078.23	1.91552	0.27492	0.0253	0.02893	8.16E-03	0.00E+00	2.15E-06	2.49E-06	8.16E-03	3.85E-03	8.66E-03	1.61E-04	9.13E-05	1.28E-02	3.66E-03	0.00E+00	2.15E-06	2.49E-06	3.66E-03
215	487577.14, 3857078.23	1.78556	0.27135	0.02681	0.02882	7.60E-03	0.00E+00	2.28E-06	2.48E-06	7.61E-03	3.59E-03	8.55E-03	1.71E-04	9.10E-05	1.24E-02	3.41E-03	0.00E+00	2.28E-06	2.48E-06	3.42E-03
216	487627.14, 3857078.23	1.67371	0.26754	0.02838	0.02874	7.13E-03	0.00E+00	2.41E-06	2.47E-06	7.13E-03	3.36E-03	8.43E-03	1.81E-04	9.07E-05	1.21E-02	3.20E-03	0.00E+00	2.41E-06	2.47E-06	3.20E-03
217	487677.14, 3857078.23	1.57386	0.26455	0.03005	0.02868	6.70E-03	0.00E+00	2.56E-06	2.47E-06	6.71E-03	3.16E-03	8.33E-03	1.92E-04	9.06E-05	1.18E-02	3.01E-03	0.00E+00	2.56E-06	2.47E-06	3.01E-03
218	487727.14, 3857078.23	1.48461	0.26207	0.03183	0.02861	6.32E-03	0.00E+00	2.71E-06	2.46E-06	6.33E-03	2.98E-03	8.26E-03	2.03E-04	9.03E-05	1.15E-02	2.84E-03	0.00E+00	2.71E-06	2.46E-06	2.84E-03
219	487777.14, 3857078.23	1.40663	0.25894	0.03357	0.02855	5.99E-03	0.00E+00	2.86E-06	2.46E-06	6.00E-03	2.83E-03	8.16E-03	2.14E-04	9.01E-05	1.13E-02	2.69E-03	0.00E+00	2.86E-06	2.46E-06	2.69E-03
220	487427.14, 3857128.23	1.98386	0.28857	0.02355	0.0285	8.45E-03	0.00E+00	2.00E-06	2.45E-06	8.45E-03	3.98E-03	9.09E-03	1.50E-04	9.00E-05	1.33E-02	3.79E-03	0.00E+00	2.00E-06	2.45E-06	3.79E-03
221	487477.14, 3857128.23	1.84456	0.28411	0.02479	0.0284	7.86E-03	0.00E+00	2.11E-06	2.45E-06	7.86E-03	3.70E-03	8.95E-03	1.58E-04	8.97E-05	1.29E-02	3.52E-03	0.00E+00	2.11E-06	2.45E-06	3.53E-03
222	487527.14, 3857128.23	1.724	0.2799	0.02624	0.02834	7.34E-03	0.00E+00	2.23E-06	2.44E-06	7.35E-03	3.46E-03	8.82E-03	1.67E-04	8.95E-05	1.25E-02	3.29E-03	0.00E+00	2.23E-06	2.44E-06	3.30E-03
223	487577.14, 3857128.23	1.61708	0.27648	0.02788	0.0283	6.89E-03	0.00E+00	2.37E-06	2.44E-06	6.89E-03	3.25E-03	8.71E-03	1.78E-04	8.94E-05	1.22E-02	3.09E-03	0.00E+00	2.37E-06	2.44E-06	3.09E-03
224	487627.14, 3857128.23	1.52287	0.27327	0.0296	0.02828	6.49E-03	0.00E+00	2.52E-06	2.44E-06	6.49E-03	3.06E-03	8.61E-03	1.89E-04	8.93E-05	1.19E-02	2.91E-03	0.00E+00	2.52E-06	2.44E-06	2.91E-03
225	487677.14, 3857128.23	1.44106	0.26948	0.03141	0.02828	6.14E-03	0.00E+00	2.67E-06	2.44E-06	6.14E-03	2.89E-03	8.49E-03	2.00E-04	8.93E-05	1.17E-02	2.75E-03	0.00E+00	2.67E-06	2.44E-06	2.76E-03
226	487727.14, 3857128.23	1.36427	0.26747	0.03333	0.02827	5.81E-03	0.00E+00	2.83E-06	2.43E-06	5.82E-03	2.74E-03	8.43E-03	2.13E-04	8.93E-05	1.15E-02	2.61E-03	0.00E+00	2.83E-06	2.43E-06	2.61E-03
227	487777.14, 3857128.23	1.29816	0.26418	0.03526	0.02825	5.53E-03	0.00E+00	3.00E-06	2.43E-06	5.53E-03	2.61E-03	8.32E-03	2.25E-04	8.92E-05	1.12E-02	2.48E-03	0.00E+00	3.00E-06	2.43E-06	2.48E-03
228	488049.44, 3856539.39	1.22631	0.19205	0.01747	0.03354	5.22E-03	0.00E+00	1.49E-06	2.89E-06	5.23E-03	2.46E-03	6.05E-03	1.11E-04	1.06E-04	8.73E-03	2.34E-03	0.00E+00	1.49E-06	2.89E-06	2.35E-03
229	488099.44, 3856539.39	1.18886	0.18954	0.01702	0.03312	5.06E-03	0.00E+00	1.45E-06	2.85E-06	5.07E-03	2.39E-03	5.97E-03	1.09E-04	1.05E-04	8.57E-03	2.27E-03	0.00E+00	1.45E-06	2.85E-06	2.27E-03
230	488149.44, 3856539.39	1.15321	0.18773	0.0169	0.03272	4.91E-03	0.00E+00	1.44E-06	2.82E-06	4.92E-03	2.32E-03	5.91E-03	1.08E-04	1.03E-04	8.44E-03	2.20E-03	0.00E+00	1.44E-06	2.82E-06	2.21E-03
231	488049.44, 3856589.39	1.24989	0.19766	0.01828	0.03284	5.32E-03	0.00E+00	1.55E-06	2.83E-06	5.33E-03	2.51E-03	6.23E-03	1.17E-04	1.04E-04	8.96E-03	2.39E-03	0.00E+00	1.55E-06	2.83E-06	2.39E-03
232	488099.44, 3856589.39	1.2099	0.19522	0.0178	0.03245	5.15E-03	0.00E+00	1.51E-06	2.79E-06	5.16E-03	2.43E-03	6.15E-03	1.14E-04	1.02E-04	8.80E-03	2.31E-03	0.00E+00	1.51E-06	2.79E-06	2.32E-03

233	488149.44, 3856589.39	1.1718	0.19301	0.01767	0.03209	4.99E-03	0.00E+00	1.50E-06	2.76E-06	4.99E-03	2.35E-03	6.08E-03	1.13E-04	1.01E-04	8.65E-03	2.24E-03	0.00E+00	1.50E-06	2.76E-06	2.24E-03
234	488199.44, 3856589.39	1.13542	0.19041	0.01783	0.03176	4.84E-03	0.00E+00	1.52E-06	2.73E-06	4.84E-03	2.28E-03	6.00E-03	1.14E-04	1.00E-04	8.49E-03	2.17E-03	0.00E+00	1.52E-06	2.73E-06	2.17E-03
235	488249.44, 3856589.39	1.10082	0.18981	0.01821	0.03143	4.69E-03	0.00E+00	1.55E-06	2.71E-06	4.69E-03	2.21E-03	5.98E-03	1.16E-04	9.92E-05	8.41E-03	2.10E-03	0.00E+00	1.55E-06	2.71E-06	2.11E-03
236	488049.44, 3856639.39	1.26949	0.20293	0.01916	0.03217	5.41E-03	0.00E+00	1.63E-06	2.77E-06	5.41E-03	2.55E-03	6.39E-03	1.22E-04	1.02E-04	9.17E-03	2.42E-03	0.00E+00	1.63E-06	2.77E-06	2.43E-03
237	488099.44, 3856639.39	1.2269	0.20042	0.01865	0.03182	5.22E-03	0.00E+00	1.59E-06	2.74E-06	5.23E-03	2.46E-03	6.31E-03	1.19E-04	1.00E-04	9.00E-03	2.34E-03	0.00E+00	1.59E-06	2.74E-06	2.35E-03
238	488149.44, 3856639.39	1.18644	0.19802	0.01851	0.03149	5.05E-03	0.00E+00	1.57E-06	2.71E-06	5.06E-03	2.38E-03	6.24E-03	1.18E-04	9.94E-05	8.84E-03	2.27E-03	0.00E+00	1.57E-06	2.71E-06	2.27E-03
239	488199.44, 3856639.39	1.14774	0.19633	0.0187	0.03117	4.89E-03	0.00E+00	1.59E-06	2.68E-06	4.89E-03	2.31E-03	6.18E-03	1.19E-04	9.84E-05	8.71E-03	2.19E-03	0.00E+00	1.59E-06	2.68E-06	2.20E-03
240	488249.44, 3856639.39	1.11105	0.19439	0.01907	0.03087	4.73E-03	0.00E+00	1.62E-06	2.66E-06	4.74E-03	2.23E-03	6.12E-03	1.22E-04	9.75E-05	8.57E-03	2.12E-03	0.00E+00	1.62E-06	2.66E-06	2.13E-03
241	488299.44, 3856639.39	1.07612	0.19256	0.01952	0.03059	4.58E-03	0.00E+00	1.66E-06	2.63E-06	4.59E-03	2.16E-03	6.07E-03	1.25E-04	9.66E-05	8.45E-03	2.06E-03	0.00E+00	1.66E-06	2.63E-06	2.06E-03
242	488349.44, 3856639.39	1.04308	0.1903	0.01997	0.03032	4.44E-03	0.00E+00	1.70E-06	2.61E-06	4.45E-03	2.10E-03	5.99E-03	1.27E-04	9.57E-05	8.31E-03	1.99E-03	0.00E+00	1.70E-06	2.61E-06	2.00E-03
243	488399.44, 3856639.39	1.01105	0.18929	0.02045	0.03004	4.31E-03	0.00E+00	1.74E-06	2.59E-06	4.31E-03	2.03E-03	5.96E-03	1.30E-04	9.48E-05	8.22E-03	1.93E-03	0.00E+00	1.74E-06	2.59E-06	1.94E-03
244	488099.44, 3856689.39	1.23848	0.20595	0.01959	0.0312	5.27E-03	0.00E+00	1.67E-06	2.69E-06	5.28E-03	2.49E-03	6.49E-03	1.25E-04	9.85E-05	9.20E-03	2.37E-03	0.00E+00	1.67E-06	2.69E-06	2.37E-03
245	488149.44, 3856689.39	1.19585	0.20332	0.01944	0.0309	5.09E-03	0.00E+00	1.65E-06	2.66E-06	5.10E-03	2.40E-03	6.40E-03	1.24E-04	9.76E-05	9.03E-03	2.28E-03	0.00E+00	1.65E-06	2.66E-06	2.29E-03
246	488199.44, 3856689.39	1.15507	0.20144	0.01964	0.03061	4.92E-03	0.00E+00	1.67E-06	2.64E-06	4.92E-03	2.32E-03	6.35E-03	1.25E-04	9.66E-05	8.89E-03	2.21E-03	0.00E+00	1.67E-06	2.64E-06	2.21E-03
247	488249.44, 3856689.39	1.11691	0.19886	0.02003	0.03034	4.76E-03	0.00E+00	1.70E-06	2.61E-06	4.76E-03	2.24E-03	6.26E-03	1.28E-04	9.58E-05	8.73E-03	2.13E-03	0.00E+00	1.70E-06	2.61E-06	2.14E-03
248	488299.44, 3856689.39	1.07996	0.19759	0.0205	0.03007	4.60E-03	0.00E+00	1.74E-06	2.59E-06	4.60E-03	2.17E-03	6.22E-03	1.31E-04	9.49E-05	8.62E-03	2.06E-03	0.00E+00	1.74E-06	2.59E-06	2.07E-03
249	488349.44, 3856689.39	1.04556	0.19529	0.02096	0.02982	4.45E-03	0.00E+00	1.78E-06	2.57E-06	4.46E-03	2.10E-03	6.15E-03	1.34E-04	9.42E-05	8.48E-03	2.00E-03	0.00E+00	1.78E-06	2.57E-06	2.00E-03
250	488399.44, 3856689.39	1.01336	0.19223	0.02144	0.02958	4.32E-03	0.00E+00	1.82E-06	2.55E-06	4.32E-03	2.04E-03	6.06E-03	1.37E-04	9.34E-05	8.32E-03	1.94E-03	0.00E+00	1.82E-06	2.55E-06	1.94E-03
251	488099.44, 3856739.39	1.24366	0.21164	0.02063	0.0306	5.30E-03	0.00E+00	1.75E-06	2.63E-06	5.30E-03	2.50E-03	6.67E-03	1.32E-04	9.66E-05	9.39E-03	2.38E-03	0.00E+00	1.75E-06	2.63E-06	2.38E-03
252	488149.44, 3856739.39	1.19943	0.20842	0.02047	0.03034	5.11E-03	0.00E+00	1.74E-06	2.61E-06	5.11E-03	2.41E-03	6.57E-03	1.31E-04	9.58E-05	9.20E-03	2.29E-03	0.00E+00	1.74E-06	2.61E-06	2.30E-03
253	488199.44, 3856739.39	1.15634	0.20692	0.02069	0.03007	4.92E-03	0.00E+00	1.76E-06	2.59E-06	4.93E-03	2.32E-03	6.52E-03	1.32E-04	9.49E-05	9.07E-03	2.21E-03	0.00E+00	1.76E-06	2.59E-06	2.21E-03
254	488249.44, 3856739.39	1.11674	0.2042	0.02109	0.02982	4.76E-03	0.00E+00	1.79E-06	2.57E-06	4.76E-03	2.24E-03	6.43E-03	1.35E-04	9.42E-05	8.90E-03	2.13E-03	0.00E+00	1.79E-06	2.57E-06	2.14E-03
255	488299.44, 3856739.39	1.07992	0.20072	0.02155	0.0296	4.60E-03	0.00E+00	1.83E-06	2.55E-06	4.60E-03	2.17E-03	6.32E-03	1.37E-04	9.35E-05	8.72E-03	2.06E-03	0.00E+00	1.83E-06	2.55E-06	2.07E-03
256	488349.44, 3856739.39	1.04314	0.20004	0.02205	0.02934	4.44E-03	0.00E+00	1.88E-06	2.53E-06	4.45E-03	2.10E-03	6.30E-03	1.41E-04	9.26E-05	8.63E-03	1.99E-03	0.00E+00	1.88E-06	2.53E-06	2.00E-03
257	488399.44, 3856739.39	1.00835	0.19918	0.02256	0.02909	4.29E-03	0.00E+00	1.92E-06	2.50E-06	4.30E-03	2.03E-03	6.27E-03	1.44E-04	9.18E-05	8.54E-03	1.93E-03	0.00E+00	1.92E-06	2.50E-06	1.93E-03
258	487999.44, 3856789.39	1.34696	0.22001	0.02339	0.03061	5.74E-03	0.00E+00	1.99E-06	2.64E-06	5.74E-03	2.71E-03	6.93E-03	1.49E-04	9.66E-05	9.88E-03	2.57E-03	0.00E+00	1.99E-06	2.64E-06	2.58E-03
259	488049.44, 3856789.39	1.29331	0.21772	0.02238	0.03033	5.51E-03	0.00E+00	1.90E-06	2.61E-06	5.51E-03	2.60E-03	6.86E-03	1.43E-04	9.58E-05	9.69E-03	2.47E-03	0.00E+00	1.90E-06	2.61E-06	2.47E-03
260	488099.44, 3856789.39	1.24225	0.2163	0.02177	0.03005	5.29E-03	0.00E+00	1.85E-06	2.59E-06	5.29E-03	2.50E-03	6.81E-03	1.39E-04	9.49E-05	9.54E-03	2.37E-03	0.00E+00	1.85E-06	2.59E-06	2.38E-03
261	488149.44, 3856789.39	1.19584	0.21353	0.02161	0.02981	5.09E-03	0.00E+00	1.84E-06	2.57E-06	5.10E-03	2.40E-03	6.73E-03	1.38E-04	9.41E-05	9.36E-03	2.28E-03	0.00E+00	1.84E-06	2.57E-06	2.29E-03
262	488199.44, 3856789.39	1.15159	0.21151	0.02184	0.02957	4.90E-03	0.00E+00	1.86E-06	2.55E-06	4.91E-03	2.31E-03	6.66E-03	1.39E-04	9.34E-05	9.21E-03	2.20E-03	0.00E+00	1.86E-06	2.55E-06	2.20E-03
263	488249.44, 3856789.39	1.11062	0.20895	0.02226	0.02934	4.73E-03	0.00E+00	1.89E-06	2.53E-06	4.73E-03	2.23E-03	6.58E-03	1.42E-04	9.26E-05	9.05E-03	2.12E-03	0.00E+00	1.89E-06	2.53E-06	2.13E-03
264	488299.44, 3856789.39	1.07266	0.20582	0.02273	0.02912	4.57E-03	0.00E+00	1.93E-06	2.51E-06	4.57E-03	2.15E-03	6.48E-03	1.45E-04	9.19E-05	8.87E-03	2.05E-03	0.00E+00	1.93E-06	2.51E-06	2.05E-03
265	488349.44, 3856789.39	1.03477	0.20511	0.02325	0.02888	4.41E-03	0.00E+00	1.98E-06	2.49E-06	4.41E-03	2.08E-03	6.46E-03	1.48E-04	9.12E-05	8.78E-03	1.98E-03	0.00E+00	1.98E-06	2.49E-06	1.98E-03
266	488399.44, 3856789.39	0.99966	0.20368	0.02377	0.02864	4.26E-03	0.00E+00	2.02E-06	2.47E-06	4.26E-03	2.01E-03	6.42E-03	1.52E-04	9.04E-05	8.67E-03	1.91E-03	0.00E+00	2.02E-06	2.47E-06	1.91E-03
267	487949.44, 3856839.39	1.4005	0.22702	0.02594	0.0303	5.96E-03	0.00E+00	2.21E-06	2.61E-06	5.97E-03	2.81E-03	7.15E-03	1.65E-04	9.57E-05	1.02E-02	2.67E-03	0.00E+00	2.21E-06	2.61E-06	2.68E-03
268	487999.44, 3856839.39	1.34047	0.22479	0.02475	0.03003	5.71E-03	0.00E+00	2.10E-06	2.59E-06	5.71E-03	2.69E-03	7.08E-03	1.58E-04	9.48E-05	1.00E-02	2.56E-03	0.00E+00	2.10E-06	2.59E-06	2.56E-03
269	488049.44, 3856839.39	1.2849	0.22241	0.02369	0.02978	5.47E-03	0.00E+00	2.01E-06	2.56E-06	5.48E-03	2.58E-03	7.01E-03	1.51E-04	9.40E-05	9.83E-03	2.45E-03	0.00E+00	2.01E-06	2.56E-06	2.46E-03
270	488099.44, 3856839.39	1.23269	0.22048	0.02303	0.02954	5.25E-03	0.00E+00	1.96E-06	2.54E-06	5.25E-03	2.48E-03	6.95E-03	1.47E-04	9.33E-05	9.66E-03	2.35E-03	0.00E+00	1.96E-06	2.54E-06	2.36E-03
271	488149.44, 3856839.39	1.1841	0.21851	0.02287	0.02931	5.04E-03	0.00E+00	1.95E-06	2.52E-06	5.05E-03	2.38E-03	6.88E-03	1.46E-04	9.25E-05	9.50E-03	2.26E-03	0.00E+00	1.95E-06	2.52E-06	2.27E-03
272	488199.44, 3856839.39	1.1389	0.21643	0.02311	0.02909	4.85E-03	0.00E+00	1.97E-06	2.50E-06	4.85E-03	2.29E-03	6.82E-03	1.47E-04	9.18E-05	9.34E-03	2.18E-03	0.00E+00	1.97E-06	2.50E-06	2.18E-03
273	487949.44, 3856889.39	1.38438	0.23127	0.02748	0.02974	5.90E-03	0.00E+00	2.34E-06	2.56E-06	5.90E-03	2.78E-03	7.29E-03	1.75E-04	9.39E-05	1.03E-02	2.64E-03	0.00E+00	2.34E-06	2.56E-06	2.65E-03
274	487999.44, 3856889.39	1.32158	0.22997	0.02627	0.02949	5.63E-03	0.00E+00	2.23E-06	2.54E-06	5.63E-03	2.65E-03	7.24E-03	1.68E-04	9.31E-05	1.02E-02	2.52E-03	0.00E+00	2.23E-06	2.54E-06	2.53E-03
275	488049.44, 3856889.39	1.26618	0.22673	0.02514	0.02928	5.39E-03	0.00E+00	2.14E-06	2.52E-06	5.40E-03	2.54E-03	7.14E-03	1.60E-04	9.24E-05	9.94E-03	2.42E-03	0.00E+00	2.14E-06	2.52E-06	2.42E-03
276	488099.44, 3856889.39	1.21266	0.22523	0.02445	0.02906	5.16E-03	0.00E+00	2.08E-06	2.50E-06	5.17E-03	2.44E-03	7.09E-03	1.56E-04	9.18E-05	9.78E-03	2.32E-03	0.00E+00	2.08E-06	2.50E-06	2.32E-03
277	488635.86, 3857895.05	0.26436	0.33676	1.90204	0.04432	1.13E-03	0.00E+00	1.62E-04	3.82E-06	1.29E-03	5.31E-04	1.06E-02	1.21E-02	1.40E-04	2.34E-02	5.05E-04	0.00E+00	1.62E-04	3.82E-06	6.70E-04
278	489137.64, 3857804.15	0.28583	0.28491	0.74151	0.03859	1.22E-03	0.00E+00	6.31E-05	3.32E-06	1.28E-03	5.74E-04	8.97E-03	4.73E-03	1.22E-04	1.44E-02	5.46E-04	0.00E+00	6.31E-05	3.32E-06	6.12E-04
279	488617.32, 3857859.41	0.27766	0.3298	1.85116	0.04268	1.18E-03	0.00E+00	1.57E-04	3.68E-06	1.34E-03	5.58E-04	1.04E-02	1.18E-02	1.35E-04	2.29E-02	5.30E-04	0.00E+00	1.57E-04	3.68E-06	6.91E-04
280	488667.32, 3857859.41	0.27781	0.32564	1.68179	0.04248	1.18E-03	0.00E+00	1.43E-04	3.66E-06	1.33E-03	5.58E-04	1.03E-02	1.07E-02	1.34E-04	2.17E-02	5.31E-04	0.00E+00	1.43E-04	3.66E-06	6.77E-04
281	488717.32, 3857859.41	0.27772	0.32168	1.52652	0.04229	1.18E-03	0.00E+00	1.30E-04	3.64E-06	1.32E-03	5.58E-04	1.01E-02	9.74E-03	1.34E-04	2.06E-02	5.30E-04	0.00E+00	1.30E-04	3.64E-06	6.64E-04
282	488767.32, 3857859.41	0.27677	0.31895	1.39034	0.04212	1.18E-03	0.00E+00	1.18E-04	3.63E-06	1.30E-03	5.56E-04	1.00E-02	8.87E-03	1.33E-04	1.96E-02	5.29E-04	0.00E+00	1.18E-04	3.63E-06	6.50E-04
283	488617.32, 3857909.41	0.25906	0.34167	2.01229	0.04513	1.10E-03	0.00E+00	1.71E-04	3.89E-06	1.28E-03	5.20E-04	1.08E-02	1.28E-02	1.42E-04	2.43E-02	4.95E-04	0.00E+00	1.71E-04	3.89E-06	6.70E-04
284	488667.32, 3857909.41	0.25886	0.33871	1.78786	0.04487	1.10E-03	0.00E+00	1.52E-04	3.86E-06	1.26E-03	5.20E-04	1.07E-02	1.14E-02	1.42E-04	2.27E-02	4.94E-04	0.00E+00	1.52E-04	3.86E-06	6.50E-04
285	488717.32, 3857909.41	0.2599	0.33332	1.59228	0.04455	1.11E-03	0.00E+00	1.35E-04	3.84E-06	1.25E-03	5.22E-04	1.05E-02	1.02E-02	1.41E-04	2.13E-02	4.96E-04	0.00E+00	1.35E-04	3.84E-06	6.36E-04
286	488767.32, 3857909.41	0.25959	0.33016	1.42885	0.04427	1.11E-03	0.00E+00	1.22E-04	3.81E-06	1.23E-03	5.21E-04	1.04E-02	9.11E-03	1.40E-04	2.02E-02	4.96E-04	0.00E+00	1.22E-04	3.81E-06	6.21E-04
287	488417.32, 3857959.41	0.23849	0.37159	3.5866	0.04922	1.02E-03	0.00E+00	3.05E-04	4.24E-06	1.32E-03	4.79E-04	1.17E-02	2.29E-02	1.55E-04	3.52E-02	4.56E-04	0.00E+00	3.05E-04	4.24E-06	7.65E-04
288	488467.32, 3857959.41	0.23916	0.36748	3.06147	0.04886	1.02E-03	0.00E+00	2.60E-04	4.21E-06	1.28E-03	4.80E-04	1.16E-02	1.95E-02	1.54E-04	3.17E-02	4.57E-04	0.00E+00	2.60E-04	4.21E-06	7.21E-04
289	488517.32, 3857959.41	0.23985	0.36347	2.62329	0.04851	1.02E-03	0.00E+00	2.23E-04	4.18E-06	1.25E-03	4.82E-04	1.14E-02	1.67E-02	1.53E-04	2.88E-02	4.58E-04	0.00E+00	2.23E-04	4.18E-06	6.85E-04
290	488567.32, 3857959.41	0.2405	0.3595	2.26443	0.04814	1.02E-03	0.00E+00	1.93E-04	4.15E-06	1.22E-03	4.83E-04	1.13E-02	1.44E-02	1.52E-04	2.64E-02	4.59E-04	0.00E+00	1.93E-04	4.15E-06	6.56E-04
291	488617.32, 3857959.41	0.2414	0.35491	1.97028	0.04774	1.03E-03	0.00E+00	1.68E-04	4.11E-06	1.20E-03	4.85E-04	1.12E-02	1.26E-02	1.51E-04	2.44E-02	4.61E-04	0.00E+00	1.68E-04	4.11E-06	6.33E-04

292	488667.32, 3857959.41	0.24225	0.35036	1.72865	0.04732	1.03E-03	0.00E+00	1.47E-04	4.07E-06	1.18E-03	4.87E-04	1.10E-02	1.10E-02	1.49E-04	2.27E-02	4.63E-04	0.00E+00	1.47E-04	4.07E-06	6.14E-04
293	488717.32, 3857959.41	0.24269	0.34649	1.52848	0.04691	1.03E-03	0.00E+00	1.30E-04	4.04E-06	1.17E-03	4.87E-04	1.09E-02	9.75E-03	1.48E-04	2.13E-02	4.64E-04	0.00E+00	1.30E-04	4.04E-06	5.98E-04
294	488767.32, 3857959.41	0.24321	0.34231	1.3624	0.04648	1.04E-03	0.00E+00	1.16E-04	4.00E-06	1.16E-03	4.88E-04	1.08E-02	8.69E-03	1.47E-04	2.01E-02	4.65E-04	0.00E+00	1.16E-04	4.00E-06	5.84E-04
295	488417.32, 3858009.41	0.22266	0.38666	3.1561	0.05252	9.48E-04	0.00E+00	2.68E-04	4.52E-06	1.22E-03	4.47E-04	1.22E-02	2.01E-02	1.66E-04	3.29E-02	4.25E-04	0.00E+00	2.68E-04	4.52E-06	6.98E-04
296	488467.32, 3858009.41	0.22297	0.3825	2.66653	0.05204	9.50E-04	0.00E+00	2.27E-04	4.48E-06	1.18E-03	4.48E-04	1.20E-02	1.70E-02	1.64E-04	2.97E-02	4.26E-04	0.00E+00	2.27E-04	4.48E-06	6.57E-04
297	488517.32, 3858009.41	0.22352	0.37816	2.27468	0.05154	9.52E-04	0.00E+00	1.93E-04	4.44E-06	1.15E-03	4.49E-04	1.19E-02	1.45E-02	1.63E-04	2.70E-02	4.27E-04	0.00E+00	1.93E-04	4.44E-06	6.25E-04
298	488567.32, 3858009.41	0.22411	0.37399	1.96316	0.05101	9.54E-04	0.00E+00	1.67E-04	4.39E-06	1.13E-03	4.50E-04	1.18E-02	1.25E-02	1.61E-04	2.49E-02	4.28E-04	0.00E+00	1.67E-04	4.39E-06	5.99E-04
299	488617.32, 3858009.41	0.22524	0.36868	1.71443	0.05043	9.59E-04	0.00E+00	1.46E-04	4.34E-06	1.11E-03	4.52E-04	1.16E-02	1.09E-02	1.59E-04	2.32E-02	4.30E-04	0.00E+00	1.46E-04	4.34E-06	5.80E-04
300	488667.32, 3858009.41	0.22632	0.36362	1.51035	0.04985	9.64E-04	0.00E+00	1.28E-04	4.29E-06	1.10E-03	4.55E-04	1.15E-02	9.63E-03	1.57E-04	2.17E-02	4.32E-04	0.00E+00	1.28E-04	4.29E-06	5.65E-04
301	488717.32, 3858009.41	0.22715	0.35919	1.34149	0.04928	9.67E-04	0.00E+00	1.14E-04	4.24E-06	1.09E-03	4.56E-04	1.13E-02	8.56E-03	1.56E-04	2.05E-02	4.34E-04	0.00E+00	1.14E-04	4.24E-06	5.52E-04
302	488767.32, 3858009.41	0.22787	0.35491	1.20093	0.04869	9.70E-04	0.00E+00	1.02E-04	4.19E-06	1.08E-03	4.58E-04	1.12E-02	7.66E-03	1.54E-04	1.95E-02	4.35E-04	0.00E+00	1.02E-04	4.19E-06	5.42E-04
303	488417.32, 3858059.41	0.20879	0.40347	2.19923	0.05604	8.89E-04	0.00E+00	1.87E-04	4.83E-06	1.08E-03	4.19E-04	1.27E-02	1.40E-02	1.77E-04	2.73E-02	3.99E-04	0.00E+00	1.87E-04	4.83E-06	5.91E-04
304	488467.32, 3858059.41	0.2087	0.39889	1.92797	0.05538	8.89E-04	0.00E+00	1.64E-04	4.77E-06	1.06E-03	4.19E-04	1.26E-02	1.23E-02	1.75E-04	2.55E-02	3.99E-04	0.00E+00	1.64E-04	4.77E-06	5.67E-04
305	488517.32, 3858059.41	0.209	0.39394	1.69594	0.05467	8.90E-04	0.00E+00	1.44E-04	4.71E-06	1.04E-03	4.20E-04	1.24E-02	1.08E-02	1.73E-04	2.38E-02	3.99E-04	0.00E+00	1.44E-04	4.71E-06	5.48E-04
306	488567.32, 3858059.41	0.20948	0.38914	1.50202	0.05394	8.92E-04	0.00E+00	1.28E-04	4.64E-06	1.02E-03	4.21E-04	1.23E-02	9.58E-03	1.70E-04	2.24E-02	4.00E-04	0.00E+00	1.28E-04	4.64E-06	5.32E-04
307	488617.32, 3858059.41	0.21019	0.38419	1.33824	0.05318	8.95E-04	0.00E+00	1.14E-04	4.58E-06	1.01E-03	4.22E-04	1.21E-02	8.54E-03	1.68E-04	2.12E-02	4.01E-04	0.00E+00	1.14E-04	4.58E-06	5.20E-04
308	488667.32, 3858059.41	0.21132	0.37855	1.2034	0.05241	9.00E-04	0.00E+00	1.02E-04	4.51E-06	1.01E-03	4.24E-04	1.19E-02	7.68E-03	1.65E-04	2.02E-02	4.04E-04	0.00E+00	1.02E-04	4.51E-06	5.10E-04
309	488417.32, 3858109.41	0.19753	0.41933	1.3739	0.05969	8.41E-04	0.00E+00	1.17E-04	5.14E-06	9.63E-04	3.97E-04	1.32E-02	8.76E-03	1.88E-04	2.26E-02	3.77E-04	0.00E+00	1.17E-04	5.14E-06	4.99E-04
310	488467.32, 3858109.41	0.1968	0.41497	1.27046	0.05879	8.38E-04	0.00E+00	1.08E-04	5.06E-06	9.51E-04	3.95E-04	1.31E-02	8.10E-03	1.86E-04	2.18E-02	3.76E-04	0.00E+00	1.08E-04	5.06E-06	4.89E-04
311	488517.32, 3858109.41	0.19645	0.4104	1.16425	0.05786	8.37E-04	0.00E+00	9.90E-05	4.98E-06	9.41E-04	3.95E-04	1.29E-02	7.43E-03	1.83E-04	2.09E-02	3.75E-04	0.00E+00	9.90E-05	4.98E-06	4.79E-04
312	488567.32, 3858109.41	0.19662	0.40505	1.06846	0.05688	8.37E-04	0.00E+00	9.09E-05	4.90E-06	9.33E-04	3.95E-04	1.28E-02	6.82E-03	1.80E-04	2.01E-02	3.76E-04	0.00E+00	9.09E-05	4.90E-06	4.71E-04
313	488617.32, 3858109.41	0.19697	0.4	0.9797	0.05592	8.39E-04	0.00E+00	8.33E-05	4.82E-06	9.27E-04	3.96E-04	1.26E-02	6.25E-03	1.77E-04	1.94E-02	3.76E-04	0.00E+00	8.33E-05	4.82E-06	4.64E-04
314	488667.32, 3858109.41	0.19795	0.39378	0.90479	0.05493	8.43E-04	0.00E+00	7.69E-05	4.73E-06	9.25E-04	3.98E-04	1.24E-02	5.77E-03	1.73E-04	1.87E-02	3.78E-04	0.00E+00	7.69E-05	4.73E-06	4.60E-04
315	488769.93, 3858449.27	0.14132	0.50129	0.12814	0.06955	6.02E-04	0.00E+00	1.09E-05	5.99E-06	6.19E-04	2.84E-04	1.58E-02	8.17E-04	2.20E-04	1.71E-02	2.70E-04	0.00E+00	1.09E-05	5.99E-06	2.87E-04
316	488819.93, 3858449.27	0.14073	0.49284	0.13491	0.06785	5.99E-04	0.00E+00	1.15E-05	5.84E-06	6.17E-04	2.83E-04	1.55E-02	8.61E-04	2.14E-04	1.69E-02	2.69E-04	0.00E+00	1.15E-05	5.84E-06	2.86E-04
317	488819.93, 3858499.27	0.13566	0.51865	0.10418	0.06994	5.78E-04	0.00E+00	8.86E-06	6.02E-06	5.93E-04	2.72E-04	1.63E-02	6.65E-04	2.21E-04	1.75E-02	2.59E-04	0.00E+00	8.86E-06	6.02E-06	2.74E-04
318	488869.93, 3858499.27	0.13507	0.51046	0.10987	0.06821	5.75E-04	0.00E+00	9.34E-06	5.87E-06	5.90E-04	2.71E-04	1.61E-02	7.01E-04	2.15E-04	1.73E-02	2.58E-04	0.00E+00	9.34E-06	5.87E-06	2.73E-04
319	488869.93, 3858549.27	0.13048	0.54118	0.08673	0.07001	5.56E-04	0.00E+00	7.38E-06	6.03E-06	5.69E-04	2.62E-04	1.70E-02	5.53E-04	2.21E-04	1.81E-02	2.49E-04	0.00E+00	7.38E-06	6.03E-06	2.63E-04
320	489438.17, 3859571.48	0.07269	0.80683	0.01541	0.1484	3.10E-04	0.00E+00	1.31E-06	1.28E-05	3.24E-04	1.46E-04	2.54E-02	9.83E-05	4.69E-04	2.61E-02	1.39E-04	0.00E+00	1.31E-06	1.28E-05	1.53E-04
321	489488.17, 3859571.48	0.07286	0.78103	0.01567	0.1409	3.10E-04	0.00E+00	1.33E-06	1.21E-05	3.24E-04	1.46E-04	2.46E-02	1.00E-04	4.45E-04	2.53E-02	1.39E-04	0.00E+00	1.33E-06	1.21E-05	1.53E-04
322	489538.17, 3859571.48	0.07292	0.75719	0.01597	0.13403	3.11E-04	0.00E+00	1.36E-06	1.15E-05	3.23E-04	1.46E-04	2.39E-02	1.02E-04	4.23E-04	2.45E-02	1.39E-04	0.00E+00	1.36E-06	1.15E-05	1.52E-04
323	489588.17, 3859571.48	0.07279	0.73647	0.01628	0.12785	3.10E-04	0.00E+00	1.38E-06	1.10E-05	3.22E-04	1.46E-04	2.32E-02	1.04E-04	4.04E-04	2.39E-02	1.39E-04	0.00E+00	1.38E-06	1.10E-05	1.51E-04
324	489438.17, 3859621.48	0.07054	0.7899	0.01484	0.15023	3.00E-04	0.00E+00	1.26E-06	1.29E-05	3.15E-04	1.42E-04	2.49E-02	9.47E-05	4.74E-04	2.56E-02	1.35E-04	0.00E+00	1.26E-06	1.29E-05	1.49E-04
325	489488.17, 3859621.48	0.07077	0.76704	0.01503	0.14231	3.01E-04	0.00E+00	1.28E-06	1.23E-05	3.15E-04	1.42E-04	2.42E-02	9.59E-05	4.49E-04	2.48E-02	1.35E-04	0.00E+00	1.28E-06	1.23E-05	1.49E-04
326	489538.17, 3859621.48	0.07095	0.74512	0.01527	0.13507	3.02E-04	0.00E+00	1.30E-06	1.16E-05	3.15E-04	1.43E-04	2.35E-02	9.74E-05	4.26E-04	2.41E-02	1.36E-04	0.00E+00	1.30E-06	1.16E-05	1.48E-04
327	489588.17, 3859621.48	0.07109	0.72319	0.01558	0.12834	3.03E-04	0.00E+00	1.33E-06	1.11E-05	3.15E-04	1.43E-04	2.28E-02	9.94E-05	4.05E-04	2.34E-02	1.36E-04	0.00E+00	1.33E-06	1.11E-05	1.48E-04
328	489238.17, 3859671.48	0.06683	0.87325	0.01345	0.19293	2.85E-04	0.00E+00	1.14E-06	1.66E-05	3.02E-04	1.34E-04	2.75E-02	8.58E-05	6.09E-04	2.83E-02	1.28E-04	0.00E+00	1.14E-06	1.66E-05	1.45E-04
329	489288.17, 3859671.48	0.06719	0.84746	0.01373	0.18048	2.86E-04	0.00E+00	1.17E-06	1.55E-05	3.03E-04	1.35E-04	2.67E-02	8.76E-05	5.70E-04	2.75E-02	1.28E-04	0.00E+00	1.17E-06	1.55E-05	1.45E-04
330	489338.17, 3859671.48	0.06762	0.82194	0.01398	0.1692	2.88E-04	0.00E+00	1.19E-06	1.46E-05	3.04E-04	1.36E-04	2.59E-02	8.92E-05	5.34E-04	2.67E-02	1.29E-04	0.00E+00	1.19E-06	1.46E-05	1.45E-04
331	489388.17, 3859671.48	0.06811	0.79627	0.0142	0.15892	2.90E-04	0.00E+00	1.21E-06	1.37E-05	3.05E-04	1.37E-04	2.51E-02	9.06E-05	5.02E-04	2.58E-02	1.30E-04	0.00E+00	1.21E-06	1.37E-05	1.45E-04
332	489438.17, 3859671.48	0.06844	0.77484	0.01435	0.14992	2.91E-04	0.00E+00	1.22E-06	1.29E-05	3.06E-04	1.37E-04	2.44E-02	9.15E-05	4.73E-04	2.51E-02	1.31E-04	0.00E+00	1.22E-06	1.29E-05	1.45E-04
333	489488.17, 3859671.48	0.06886	0.75183	0.01456	0.14156	2.93E-04	0.00E+00	1.24E-06	1.22E-05	3.07E-04	1.38E-04	2.37E-02	9.29E-05	4.47E-04	2.44E-02	1.32E-04	0.00E+00	1.24E-06	1.22E-05	1.45E-04
334	489538.17, 3859671.48	0.06914	0.73124	0.01476	0.13407	2.94E-04	0.00E+00	1.26E-06	1.15E-05	3.07E-04	1.39E-04	2.30E-02	9.41E-05	4.23E-04	2.37E-02	1.32E-04	0.00E+00	1.26E-06	1.15E-05	1.45E-04
335	489588.17, 3859671.48	0.06937	0.71118	0.015	0.12722	2.95E-04	0.00E+00	1.28E-06	1.10E-05	3.08E-04	1.39E-04	2.24E-02	9.57E-05	4.02E-04	2.30E-02	1.32E-04	0.00E+00	1.28E-06	1.10E-05	1.45E-04
336	489238.17, 3859721.48	0.06486	0.85648	0.01295	0.19016	2.76E-04	0.00E+00	1.10E-06	1.64E-05	2.94E-04	1.30E-04	2.70E-02	8.26E-05	6.00E-04	2.78E-02	1.24E-04	0.00E+00	1.10E-06	1.64E-05	1.41E-04
337	489288.17, 3859721.48	0.06531	0.82663	0.01331	0.17749	2.78E-04	0.00E+00	1.13E-06	1.53E-05	2.95E-04	1.31E-04	2.60E-02	8.49E-05	5.60E-04	2.68E-02	1.25E-04	0.00E+00	1.13E-06	1.53E-05	1.41E-04
338	489338.17, 3859721.48	0.0657	0.80403	0.01358	0.16634	2.80E-04	0.00E+00	1.15E-06	1.43E-05	2.95E-04	1.32E-04	2.53E-02	8.66E-05	5.25E-04	2.61E-02	1.25E-04	0.00E+00	1.15E-06	1.43E-05	1.41E-04
339	489388.17, 3859721.48	0.06609	0.78264	0.01378	0.15635	2.81E-04	0.00E+00	1.17E-06	1.35E-05	2.96E-04	1.33E-04	2.47E-02	8.79E-05	4.94E-04	2.54E-02	1.26E-04	0.00E+00	1.17E-06	1.35E-05	1.41E-04
340	489438.17, 3859721.48	0.06644	0.76276	0.01394	0.14741	2.83E-04	0.00E+00	1.19E-06	1.27E-05	2.97E-04	1.33E-04	2.40E-02	8.89E-05	4.65E-04	2.47E-02	1.27E-04	0.00E+00	1.19E-06	1.27E-05	1.41E-04
341	489488.17, 3859721.48	0.06692	0.74074	0.01414	0.13907	2.85E-04	0.00E+00	1.20E-06	1.20E-05	2.98E-04	1.34E-04	2.33E-02	9.02E-05	4.39E-04	2.40E-02	1.28E-04	0.00E+00	1.20E-06	1.20E-05	1.41E-04
342	489538.17, 3859721.48	0.0673	0.72078	0.01432	0.13161	2.87E-04	0.00E+00	1.22E-06	1.13E-05	2.99E-04	1.35E-04	2.27E-02	9.13E-05	4.16E-04	2.33E-02	1.29E-04	0.00E+00	1.22E-06	1.13E-05	1.41E-04
343	489588.17, 3859721.48	0.06761	0.70182	0.01451	0.12482	2.88E-04	0.00E+00	1.23E-06	1.07E-05	3.00E-04	1.36E-04	2.21E-02	9.26E-05	3.94E-04	2.27E-02	1.29E-04	0.00E+00	1.23E-06	1.07E-05	1.41E-04
344	489238.17, 3859771.48	0.06304	0.84486	0.01246	0.18444	2.68E-04	0.00E+00	1.06E-06	1.59E-05	2.85E-04	1.27E-04	2.66E-02	7.95E-05	5.82E-04	2.74E-02	1.20E-04	0.00E+00	1.06E-06	1.59E-05	1.37E-04
345	489288.17, 3859771.48	0.06345	0.8166	0.01286	0.17237	2.70E-04	0.00E+00	1.09E-06	1.48E-05	2.86E-04	1.27E-04	2.57E-02	8.20E-05	5.44E-04	2.65E-02	1.21E-04	0.00E+00	1.09E-06	1.48E-05	1.37E-04
346	489338.17, 3859771.48	0.06375	0.79623	0.01314	0.16182	2.71E-04	0.00E+00	1.12E-06	1.39E-05	2.87E-04	1.28E-04	2.51E-02	8.38E-05	5.11E-04	2.58E-02	1.22E-04	0.00E+00	1.12E-06	1.39E-05	1.37E-04
347	489388.17, 3859771.48	0.06414	0.77521	0.01339	0.15221	2.73E-04	0.00E+00	1.14E-06	1.31E-05	2.87E-04	1.29E-04	2.44E-02	8.54E-05	4.81E-04	2.51E-02	1.23E-04	0.00E+00	1.14E-06	1.31E-05	1.37E-04
348	489438.17, 3859771.48	0.06447	0.7564	0.01355	0.14362	2.75E-04	0.00E+00	1.15E-06	1.24E-05	2.88E-04	1.29E-04	2.38E-02	8.64E-05	4.53E-04	2.45E-02	1.23E-04	0.00E+00	1.15E-06	1.24E-05	1.37E-04
349	489488.17, 3859771.48	0.06503	0.73385	0.01377	0.13548	2.77E-04	0.00E+00	1.17E-06	1.17E-05	2.90E-04	1.31E-04	2.31E-02	8.78E-05	4.28E-04	2.38E-02	1.24E-04	0.00E+00	1.17E-06	1.17E-05	1.37E-04
350	489538.17, 3859771.48	0.06551	0.71315	0.01396	0.12819	2.79E-04	0.00E+00	1.19E-06	1.10E-05	2.91E-04	1.32E-04	2.25E-02	8.90E-05	4.05E-04	2.31E-02	1.25E-04	0.00E+00	1.19E-06	1.10E-05	1.37E-04

351	489588.17, 3859771.48	0.06581	0.69599	0.0141	0.12167	2.80E-04	0.00E+00	1.20E-06	1.05E-05	2.92E-04	1.32E-04	2.19E-02	8.99E-05	3.84E-04	2.25E-02	1.26E-04	0.00E+00	1.20E-06	1.05E-05	1.37E-04
352	489238.17, 3859821.48	0.06129	0.84458	0.01197	0.1782	2.61E-04	0.00E+00	1.02E-06	1.53E-05	2.77E-04	1.23E-04	2.66E-02	7.64E-05	5.63E-04	2.74E-02	1.17E-04	0.00E+00	1.02E-06	1.53E-05	1.33E-04
353	489288.17, 3859821.48	0.06167	0.81628	0.0124	0.16684	2.63E-04	0.00E+00	1.05E-06	1.44E-05	2.78E-04	1.24E-04	2.57E-02	7.91E-05	5.27E-04	2.64E-02	1.18E-04	0.00E+00	1.05E-06	1.44E-05	1.33E-04
354	489338.17, 3859821.48	0.06195	0.79514	0.01273	0.15685	2.64E-04	0.00E+00	1.08E-06	1.35E-05	2.78E-04	1.24E-04	2.50E-02	8.12E-05	4.95E-04	2.57E-02	1.18E-04	0.00E+00	1.08E-06	1.35E-05	1.33E-04
355	489388.17, 3859821.48	0.0623	0.77419	0.013	0.14773	2.65E-04	0.00E+00	1.11E-06	1.27E-05	2.79E-04	1.25E-04	2.44E-02	8.29E-05	4.66E-04	2.51E-02	1.19E-04	0.00E+00	1.11E-06	1.27E-05	1.33E-04
356	489438.17, 3859821.48	0.06278	0.75181	0.01325	0.13926	2.67E-04	0.00E+00	1.13E-06	1.20E-05	2.80E-04	1.26E-04	2.37E-02	8.45E-05	4.40E-04	2.43E-02	1.20E-04	0.00E+00	1.13E-06	1.20E-05	1.33E-04
357	489488.17, 3859821.48	0.06326	0.73042	0.01346	0.13159	2.69E-04	0.00E+00	1.14E-06	1.13E-05	2.82E-04	1.27E-04	2.30E-02	8.59E-05	4.15E-04	2.36E-02	1.21E-04	0.00E+00	1.14E-06	1.13E-05	1.33E-04
358	489538.17, 3859821.48	0.06373	0.70955	0.01364	0.12458	2.71E-04	0.00E+00	1.16E-06	1.07E-05	2.83E-04	1.28E-04	2.24E-02	8.70E-05	3.93E-04	2.30E-02	1.22E-04	0.00E+00	1.16E-06	1.07E-05	1.34E-04
359	489588.17, 3859821.48	0.06408	0.69224	0.01377	0.11829	2.73E-04	0.00E+00	1.17E-06	1.02E-05	2.84E-04	1.29E-04	2.18E-02	8.78E-05	3.73E-04	2.24E-02	1.22E-04	0.00E+00	1.17E-06	1.02E-05	1.34E-04
360	489238.17, 3859871.48	0.0597	0.85459	0.0115	0.17223	2.54E-04	0.00E+00	9.78E-07	1.48E-05	2.70E-04	1.20E-04	2.69E-02	7.34E-05	5.44E-04	2.77E-02	1.14E-04	0.00E+00	9.78E-07	1.48E-05	1.30E-04
361	489288.17, 3859871.48	0.05996	0.82977	0.01193	0.1617	2.55E-04	0.00E+00	1.01E-06	1.39E-05	2.70E-04	1.20E-04	2.61E-02	7.61E-05	5.11E-04	2.68E-02	1.15E-04	0.00E+00	1.01E-06	1.39E-05	1.29E-04
362	489338.17, 3859871.48	0.06025	0.80187	0.0123	0.1521	2.57E-04	0.00E+00	1.05E-06	1.31E-05	2.71E-04	1.21E-04	2.53E-02	7.85E-05	4.80E-04	2.59E-02	1.15E-04	0.00E+00	1.05E-06	1.31E-05	1.29E-04
363	489388.17, 3859871.48	0.06065	0.77752	0.01264	0.14322	2.58E-04	0.00E+00	1.07E-06	1.23E-05	2.72E-04	1.22E-04	2.45E-02	8.06E-05	4.52E-04	2.51E-02	1.16E-04	0.00E+00	1.07E-06	1.23E-05	1.29E-04
364	489438.17, 3859871.48	0.06119	0.75138	0.01297	0.13498	2.61E-04	0.00E+00	1.10E-06	1.16E-05	2.73E-04	1.23E-04	2.37E-02	8.27E-05	4.26E-04	2.43E-02	1.17E-04	0.00E+00	1.10E-06	1.16E-05	1.30E-04
365	489488.17, 3859871.48	0.06178	0.72434	0.01328	0.12743	2.63E-04	0.00E+00	1.13E-06	1.10E-05	2.75E-04	1.24E-04	2.28E-02	8.47E-05	4.02E-04	2.34E-02	1.18E-04	0.00E+00	1.13E-06	1.10E-05	1.30E-04
366	489538.17, 3859871.48	0.06208	0.70779	0.01339	0.12088	2.64E-04	0.00E+00	1.14E-06	1.04E-05	2.76E-04	1.25E-04	2.23E-02	8.54E-05	3.82E-04	2.29E-02	1.19E-04	0.00E+00	1.14E-06	1.04E-05	1.30E-04
367	489588.17, 3859871.48	0.06246	0.68919	0.01353	0.11477	2.66E-04	0.00E+00	1.15E-06	9.88E-06	2.77E-04	1.25E-04	2.17E-02	8.63E-05	3.62E-04	2.23E-02	1.19E-04	0.00E+00	1.15E-06	9.88E-06	1.30E-04
368	489238.17, 3859921.48	0.05828	0.87323	0.01106	0.16534	2.48E-04	0.00E+00	9.41E-07	1.42E-05	2.63E-04	1.17E-04	2.75E-02	7.05E-05	5.22E-04	2.82E-02	1.11E-04	0.00E+00	9.41E-07	1.42E-05	1.26E-04
369	489288.17, 3859921.48	0.05858	0.83783	0.01153	0.15541	2.49E-04	0.00E+00	9.81E-07	1.34E-05	2.64E-04	1.18E-04	2.64E-02	7.35E-05	4.91E-04	2.71E-02	1.12E-04	0.00E+00	9.81E-07	1.34E-05	1.26E-04
370	489338.17, 3859921.48	0.05884	0.8107	0.01194	0.14638	2.51E-04	0.00E+00	1.02E-06	1.26E-05	2.64E-04	1.18E-04	2.55E-02	7.62E-05	4.62E-04	2.62E-02	1.12E-04	0.00E+00	1.02E-06	1.26E-05	1.26E-04
371	489388.17, 3859921.48	0.05924	0.78197	0.01234	0.13789	2.52E-04	0.00E+00	1.05E-06	1.19E-05	2.65E-04	1.19E-04	2.46E-02	7.87E-05	4.35E-04	2.53E-02	1.13E-04	0.00E+00	1.05E-06	1.19E-05	1.26E-04
372	489438.17, 3859921.48	0.05979	0.75031	0.01275	0.12998	2.55E-04	0.00E+00	1.08E-06	1.12E-05	2.67E-04	1.20E-04	2.36E-02	8.13E-05	4.10E-04	2.42E-02	1.14E-04	0.00E+00	1.08E-06	1.12E-05	1.26E-04
373	489488.17, 3859921.48	0.06019	0.72663	0.01302	0.12296	2.56E-04	0.00E+00	1.11E-06	1.06E-05	2.68E-04	1.21E-04	2.29E-02	8.30E-05	3.88E-04	2.35E-02	1.15E-04	0.00E+00	1.11E-06	1.06E-05	1.27E-04
374	489538.17, 3859921.48	0.06052	0.70734	0.01319	0.11659	2.58E-04	0.00E+00	1.12E-06	1.00E-05	2.69E-04	1.22E-04	2.23E-02	8.41E-05	3.68E-04	2.29E-02	1.16E-04	0.00E+00	1.12E-06	1.00E-05	1.27E-04
375	489588.17, 3859921.48	0.06098	0.68437	0.01338	0.11063	2.60E-04	0.00E+00	1.14E-06	9.53E-06	2.70E-04	1.22E-04	2.16E-02	8.53E-05	3.49E-04	2.21E-02	1.16E-04	0.00E+00	1.14E-06	9.53E-06	1.27E-04
376	489238.17, 3859971.48	0.05697	0.89194	0.01064	0.15675	2.43E-04	0.00E+00	9.05E-07	1.35E-05	2.57E-04	1.14E-04	2.81E-02	6.79E-05	4.95E-04	2.88E-02	1.09E-04	0.00E+00	9.05E-07	1.35E-05	1.23E-04
377	489288.17, 3859971.48	0.05717	0.85779	0.01109	0.14768	2.43E-04	0.00E+00	9.43E-07	1.27E-05	2.57E-04	1.15E-04	2.70E-02	7.07E-05	4.66E-04	2.77E-02	1.09E-04	0.00E+00	9.43E-07	1.27E-05	1.23E-04
378	489338.17, 3859971.48	0.05747	0.82434	0.01155	0.13915	2.45E-04	0.00E+00	9.82E-07	1.20E-05	2.58E-04	1.15E-04	2.60E-02	7.37E-05	4.39E-04	2.66E-02	1.10E-04	0.00E+00	9.82E-07	1.20E-05	1.23E-04
379	489388.17, 3859971.48	0.05792	0.78862	0.01204	0.13113	2.47E-04	0.00E+00	1.02E-06	1.13E-05	2.59E-04	1.16E-04	2.48E-02	7.68E-05	4.14E-04	2.54E-02	1.11E-04	0.00E+00	1.02E-06	1.13E-05	1.23E-04
380	489438.17, 3859971.48	0.05848	0.74972	0.01254	0.12368	2.49E-04	0.00E+00	1.07E-06	1.07E-05	2.61E-04	1.17E-04	2.36E-02	8.00E-05	3.91E-04	2.42E-02	1.12E-04	0.00E+00	1.07E-06	1.07E-05	1.23E-04
381	489488.17, 3859971.48	0.05912	0.70612	0.01292	0.11688	2.52E-04	0.00E+00	1.10E-06	1.01E-05	2.63E-04	1.19E-04	2.22E-02	8.24E-05	3.69E-04	2.28E-02	1.13E-04	0.00E+00	1.10E-06	1.01E-05	1.24E-04
382	489538.17, 3859971.48	0.05959	0.67432	0.01302	0.11081	2.54E-04	0.00E+00	1.11E-06	9.54E-06	2.64E-04	1.20E-04	2.12E-02	8.30E-05	3.50E-04	2.18E-02	1.14E-04	0.00E+00	1.11E-06	9.54E-06	1.24E-04
383	489588.17, 3859971.48	0.06001	0.64867	0.0131	0.10529	2.56E-04	0.00E+00	1.11E-06	9.07E-06	2.66E-04	1.21E-04	2.04E-02	8.36E-05	3.32E-04	2.10E-02	1.15E-04	0.00E+00	1.11E-06	9.07E-06	1.25E-04
384	483577.7, 3854071	0.10153	0.02624	0.00387	0.01267	4.32E-04	0.00E+00	3.29E-07	1.09E-06	4.34E-04	2.04E-04	8.27E-04	2.47E-05	4.00E-05	1.10E-03	1.94E-04	0.00E+00	3.29E-07	1.09E-06	1.95E-04
385	483627.7, 3854071	0.1056	0.02573	0.00387	0.01281	4.50E-04	0.00E+00	3.29E-07	1.10E-06	4.51E-04	2.12E-04	8.10E-04	2.47E-05	4.04E-05	1.09E-03	2.02E-04	0.00E+00	3.29E-07	1.10E-06	2.03E-04
386	483677.7, 3854071	0.10906	0.02508	0.00387	0.01293	4.64E-04	0.00E+00	3.29E-07	1.11E-06	4.66E-04	2.19E-04	7.90E-04	2.47E-05	4.08E-05	1.07E-03	2.08E-04	0.00E+00	3.29E-07	1.11E-06	2.10E-04
387	483727.7, 3854071	0.11168	0.02443	0.00387	0.01306	4.76E-04	0.00E+00	3.29E-07	1.12E-06	4.77E-04	2.24E-04	7.70E-04	2.47E-05	4.12E-05	1.06E-03	2.13E-04	0.00E+00	3.29E-07	1.12E-06	2.15E-04
388	483777.7, 3854071	0.11316	0.02341	0.00388	0.01327	4.82E-04	0.00E+00	3.30E-07	1.14E-06	4.83E-04	2.27E-04	7.37E-04	2.47E-05	4.19E-05	1.03E-03	2.16E-04	0.00E+00	3.30E-07	1.14E-06	2.18E-04
389	483577.7, 3854121	0.10223	0.02711	0.00391	0.01342	4.35E-04	0.00E+00	3.33E-07	1.16E-06	4.37E-04	2.05E-04	8.54E-04	2.49E-05	4.24E-05	1.13E-03	1.95E-04	0.00E+00	3.33E-07	1.16E-06	1.97E-04
390	483627.7, 3854121	0.10674	0.02627	0.00391	0.01357	4.55E-04	0.00E+00	3.33E-07	1.17E-06	4.56E-04	2.14E-04	8.28E-04	2.49E-05	4.28E-05	1.11E-03	2.04E-04	0.00E+00	3.33E-07	1.17E-06	2.05E-04
391	483677.7, 3854121	0.11085	0.02519	0.00391	0.01371	4.72E-04	0.00E+00	3.33E-07	1.18E-06	4.74E-04	2.23E-04	7.93E-04	2.49E-05	4.33E-05	1.08E-03	2.12E-04	0.00E+00	3.33E-07	1.18E-06	2.13E-04
392	483727.7, 3854121	0.11421	0.02409	0.00391	0.01393	4.86E-04	0.00E+00	3.33E-07	1.20E-06	4.88E-04	2.29E-04	7.59E-04	2.49E-05	4.40E-05	1.06E-03	2.18E-04	0.00E+00	3.33E-07	1.20E-06	2.20E-04
393	483777.7, 3854121	0.11765	0.02342	0.00391	0.01424	5.01E-04	0.00E+00	3.33E-07	1.23E-06	5.03E-04	2.36E-04	7.38E-04	2.49E-05	4.50E-05	1.04E-03	2.25E-04	0.00E+00	3.33E-07	1.23E-06	2.26E-04
394	483577.7, 3854171	0.10294	0.02721	0.00395	0.01429	4.38E-04	0.00E+00	3.36E-07	1.23E-06	4.40E-04	2.07E-04	8.57E-04	2.52E-05	4.51E-05	1.13E-03	1.97E-04	0.00E+00	3.36E-07	1.23E-06	1.98E-04
395	483627.7, 3854171	0.10747	0.02595	0.00395	0.01446	4.58E-04	0.00E+00	3.36E-07	1.25E-06	4.59E-04	2.16E-04	8.17E-04	2.52E-05	4.57E-05	1.10E-03	2.05E-04	0.00E+00	3.36E-07	1.25E-06	2.07E-04
396	483677.7, 3854171	0.11199	0.02504	0.00395	0.01468	4.77E-04	0.00E+00	3.36E-07	1.26E-06	4.79E-04	2.25E-04	7.89E-04	2.52E-05	4.64E-05	1.09E-03	2.14E-04	0.00E+00	3.36E-07	1.26E-06	2.15E-04
397	483727.7, 3854171	0.11646	0.02432	0.00395	0.01501	4.96E-04	0.00E+00	3.36E-07	1.29E-06	4.98E-04	2.34E-04	7.66E-04	2.52E-05	4.74E-05	1.07E-03	2.22E-04	0.00E+00	3.36E-07	1.29E-06	2.24E-04
398	483777.7, 3854171	0.12015	0.02353	0.00395	0.01543	5.12E-04	0.00E+00	3.36E-07	1.33E-06	5.13E-04	2.41E-04	7.41E-04	2.52E-05	4.87E-05	1.06E-03	2.29E-04	0.00E+00	3.36E-07	1.33E-06	2.31E-04
399	483827.7, 3854171	0.12194	0.0224	0.00396	0.01589	5.19E-04	0.00E+00	3.37E-07	1.37E-06	5.21E-04	2.45E-04	7.06E-04	2.53E-05	5.02E-05	1.03E-03	2.33E-04	0.00E+00	3.37E-07	1.37E-06	2.35E-04
400	483877.7, 3854171	0.12263	0.02186	0.00396	0.0163	5.22E-04	0.00E+00	3.37E-07	1.40E-06	5.24E-04	2.46E-04	6.89E-04	2.53E-05	5.15E-05	1.01E-03	2.34E-04	0.00E+00	3.37E-07	1.40E-06	2.36E-04
401	483727.7, 3854221	0.11725	0.02475	0.00399	0.01638	4.99E-04	0.00E+00	3.39E-07	1.41E-06	5.01E-04	2.36E-04	7.80E-04	2.55E-05	5.17E-05	1.09E-03	2.24E-04	0.00E+00	3.39E-07	1.41E-06	2.26E-04
402	483777.7, 3854221	0.1215	0.0239	0.00399	0.0169	5.17E-04	0.00E+00	3.39E-07	1.46E-06	5.19E-04	2.44E-04	7.53E-04	2.55E-05	5.34E-05	1.08E-03	2.32E-04	0.00E+00	3.39E-07	1.46E-06	2.34E-04
403	483827.7, 3854221	0.12568	0.0237	0.004	0.0174	5.35E-04	0.00E+00	3.40E-07	1.50E-06	5.37E-04	2.52E-04	7.47E-04	2.55E-05	5.49E-05	1.08E-03	2.40E-04	0.00E+00	3.40E-07	1.50E-06	2.42E-04
404	483877.7, 3854221	0.12729	0.02282	0.004	0.01785	5.42E-04	0.00E+00	3.40E-07	1.54E-06	5.44E-04	2.56E-04	7.19E-04	2.55E-05	5.64E-05	1.06E-03	2.43E-04	0.00E+00	3.40E-07	1.54E-06	2.45E-04
405	489150.19, 3858726.45	0.11381	0.63731	0.05735	0.07222	4.85E-04	0.00E+00	4.88E-06	6.22E-06	4.96E-04	2.29E-04	2.01E-02	3.66E-04	2.28E-04	2.09E-02	2.17E-04	0.00E+00	4.88E-06	6.22E-06	2.28E-04
406	489200.19, 3858726.45	0.11331	0.62433	0.05938	0.07136	4.83E-04	0.00E+00	5.05E-06	6.14E-06	4.94E-04	2.28E-04	1.97E-02	3.79E-04	2.25E-04	2.05E-02	2.16E-04	0.00E+00	5.05E-06	6.14E-06	2.28E-04
407	489150.19, 3858776.45	0.11047	0.69432	0.04908	0.07584	4.70E-04	0.00E+00	4.17E-06	6.53E-06	4.81E-04	2.22E-04	2.19E-02	3.13E-04	2.39E-04	2.26E-02	2.11E-04	0.00E+00	4.17E-06	6.53E-06	2.22E-04
408	489200.19, 3858776.45	0.10996	0.67485	0.05106	0.07499	4.68E-04	0.00E+00	4.34E-06	6.46E-06	4.79E-04	2.21E-04	2.13E-02	3.26E-04	2.37E-04	2.20E-02	2.10E-04	0.00E+00	4.34E-06	6.46E-06	2.21E-04
409	488919.6, 3856400.76	0.74466	0.15134	0.01939	0.02953	3.17E-03	0.00E+00	1.65E-06	2.54E-06	3.18E-03	1.50E-03	4.77E-03	1.24E-04	9.32E-05	6.48E-03	1.42E-03	0.00E+00	1.65E-06	2.54E-06	1.43E-03

410	488919.6, 3856450.76	0.75111	0.15535	0.02006	0.02913	3.20E-03	0.00E+00	1.71E-06	2.51E-06	3.20E-03	1.51E-03	4.89E-03	1.28E-04	9.20E-05	6.62E-03	1.43E-03	0.00E+00	1.71E-06	2.51E-06	1.44E-03
411	488969.6, 3856450.76	0.7338	0.15381	0.02029	0.02893	3.12E-03	0.00E+00	1.73E-06	2.49E-06	3.13E-03	1.47E-03	4.85E-03	1.29E-04	9.13E-05	6.54E-03	1.40E-03	0.00E+00	1.73E-06	2.49E-06	1.41E-03
412	488919.6, 3856500.76	0.75574	0.15938	0.02081	0.02875	3.22E-03	0.00E+00	1.77E-06	2.48E-06	3.22E-03	1.52E-03	5.02E-03	1.33E-04	9.08E-05	6.76E-03	1.44E-03	0.00E+00	1.77E-06	2.48E-06	1.45E-03
413	488969.6, 3856500.76	0.73792	0.15808	0.02107	0.02858	3.14E-03	0.00E+00	1.79E-06	2.46E-06	3.15E-03	1.48E-03	4.98E-03	1.34E-04	9.02E-05	6.69E-03	1.41E-03	0.00E+00	1.79E-06	2.46E-06	1.41E-03
414	488919.6, 3856550.76	0.75831	0.16373	0.02166	0.02842	3.23E-03	0.00E+00	1.84E-06	2.45E-06	3.23E-03	1.52E-03	5.16E-03	1.38E-04	8.97E-05	6.91E-03	1.45E-03	0.00E+00	1.84E-06	2.45E-06	1.45E-03
415	488969.6, 3856550.76	0.73998	0.1621	0.02204	0.02828	3.15E-03	0.00E+00	1.87E-06	2.44E-06	3.16E-03	1.49E-03	5.11E-03	1.41E-04	8.93E-05	6.82E-03	1.41E-03	0.00E+00	1.87E-06	2.44E-06	1.42E-03
416	488819.6, 3856600.76	0.79805	0.17073	0.022	0.02841	3.40E-03	0.00E+00	1.87E-06	2.45E-06	3.40E-03	1.60E-03	5.38E-03	1.40E-04	8.97E-05	7.21E-03	1.52E-03	0.00E+00	1.87E-06	2.45E-06	1.53E-03
417	488869.6, 3856600.76	0.7778	0.16903	0.02233	0.02826	3.31E-03	0.00E+00	1.90E-06	2.43E-06	3.32E-03	1.56E-03	5.32E-03	1.42E-04	8.92E-05	7.12E-03	1.49E-03	0.00E+00	1.90E-06	2.43E-06	1.49E-03
418	488919.6, 3856600.76	0.75828	0.16764	0.02273	0.02813	3.23E-03	0.00E+00	1.93E-06	2.42E-06	3.23E-03	1.52E-03	5.28E-03	1.45E-04	8.88E-05	7.04E-03	1.45E-03	0.00E+00	1.93E-06	2.42E-06	1.45E-03
419	488819.6, 3856650.76	0.79621	0.17489	0.02303	0.0281	3.39E-03	0.00E+00	1.96E-06	2.42E-06	3.40E-03	1.60E-03	5.51E-03	1.47E-04	8.87E-05	7.34E-03	1.52E-03	0.00E+00	1.96E-06	2.42E-06	1.53E-03
420	488869.6, 3856650.76	0.77561	0.17311	0.02347	0.02799	3.30E-03	0.00E+00	2.00E-06	2.41E-06	3.31E-03	1.56E-03	5.45E-03	1.50E-04	8.84E-05	7.25E-03	1.48E-03	0.00E+00	2.00E-06	2.41E-06	1.49E-03
421	488819.6, 3856700.76	0.79145	0.17912	0.02427	0.02785	3.37E-03	0.00E+00	2.06E-06	2.40E-06	3.37E-03	1.59E-03	5.64E-03	1.55E-04	8.79E-05	7.47E-03	1.51E-03	0.00E+00	2.06E-06	2.40E-06	1.52E-03
422	488869.6, 3856700.76	0.7707	0.17715	0.02488	0.02777	3.28E-03	0.00E+00	2.12E-06	2.39E-06	3.29E-03	1.55E-03	5.58E-03	1.59E-04	8.77E-05	7.37E-03	1.47E-03	0.00E+00	2.12E-06	2.39E-06	1.48E-03
423	488819.6, 3856750.76	0.78387	0.18299	0.02579	0.02765	3.34E-03	0.00E+00	2.19E-06	2.38E-06	3.34E-03	1.57E-03	5.76E-03	1.65E-04	8.73E-05	7.59E-03	1.50E-03	0.00E+00	2.19E-06	2.38E-06	1.50E-03
424	488869.6, 3856750.76	0.76286	0.18133	0.02666	0.02761	3.25E-03	0.00E+00	2.27E-06	2.38E-06	3.25E-03	1.53E-03	5.71E-03	1.70E-04	8.72E-05	7.50E-03	1.46E-03	0.00E+00	2.27E-06	2.38E-06	1.46E-03
425	488819.6, 3857050.76	0.67556	0.20823	0.05002	0.02758	2.88E-03	0.00E+00	4.25E-06	2.37E-06	2.88E-03	1.36E-03	6.56E-03	3.19E-04	8.71E-05	8.32E-03	1.29E-03	0.00E+00	4.25E-06	2.37E-06	1.30E-03
426	488869.6, 3857050.76	0.65792	0.20656	0.05542	0.02762	2.80E-03	0.00E+00	4.71E-06	2.38E-06	2.81E-03	1.32E-03	6.51E-03	3.53E-04	8.72E-05	8.27E-03	1.26E-03	0.00E+00	4.71E-06	2.38E-06	1.26E-03
427	488919.6, 3857050.76	0.6414	0.20468	0.06114	0.02765	2.73E-03	0.00E+00	5.20E-06	2.38E-06	2.74E-03	1.29E-03	6.45E-03	3.90E-04	8.73E-05	8.21E-03	1.23E-03	0.00E+00	5.20E-06	2.38E-06	1.23E-03
428	488819.6, 3857100.76	0.64978	0.21264	0.05917	0.02773	2.77E-03	0.00E+00	5.03E-06	2.39E-06	2.77E-03	1.31E-03	6.70E-03	3.77E-04	8.76E-05	8.47E-03	1.24E-03	0.00E+00	5.03E-06	2.39E-06	1.25E-03
429	488869.6, 3857100.76	0.63363	0.21065	0.06567	0.02777	2.70E-03	0.00E+00	5.59E-06	2.39E-06	2.71E-03	1.27E-03	6.64E-03	4.19E-04	8.77E-05	8.41E-03	1.21E-03	0.00E+00	5.59E-06	2.39E-06	1.22E-03
430	488919.6, 3857100.76	0.61784	0.20906	0.07232	0.02779	2.63E-03	0.00E+00	6.15E-06	2.39E-06	2.64E-03	1.24E-03	6.59E-03	4.61E-04	8.77E-05	8.38E-03	1.18E-03	0.00E+00	6.15E-06	2.39E-06	1.19E-03
431	488819.6, 3857150.76	0.62297	0.21718	0.0709	0.02793	2.65E-03	0.00E+00	6.03E-06	2.41E-06	2.66E-03	1.25E-03	6.84E-03	4.52E-04	8.82E-05	8.63E-03	1.19E-03	0.00E+00	6.03E-06	2.41E-06	1.20E-03
432	488869.6, 3857150.76	0.60783	0.21537	0.07858	0.02797	2.59E-03	0.00E+00	6.68E-06	2.41E-06	2.60E-03	1.22E-03	6.78E-03	5.01E-04	8.83E-05	8.59E-03	1.16E-03	0.00E+00	6.68E-06	2.41E-06	1.17E-03
433	488919.6, 3857150.76	0.59357	0.21341	0.08613	0.02799	2.53E-03	0.00E+00	7.33E-06	2.41E-06	2.54E-03	1.19E-03	6.72E-03	5.49E-04	8.84E-05	8.55E-03	1.13E-03	0.00E+00	7.33E-06	2.41E-06	1.14E-03
434	488969.6, 3857150.76	0.57985	0.21155	0.09337	0.02801	2.47E-03	0.00E+00	7.94E-06	2.41E-06	2.48E-03	1.16E-03	6.66E-03	5.96E-04	8.84E-05	8.51E-03	1.11E-03	0.00E+00	7.94E-06	2.41E-06	1.12E-03
435	488819.6, 3857200.76	0.59542	0.22196	0.08589	0.0282	2.54E-03	0.00E+00	7.30E-06	2.43E-06	2.55E-03	1.20E-03	6.99E-03	5.48E-04	8.90E-05	8.82E-03	1.14E-03	0.00E+00	7.30E-06	2.43E-06	1.15E-03
436	488869.6, 3857200.76	0.58149	0.22019	0.09481	0.02823	2.48E-03	0.00E+00	8.06E-06	2.43E-06	2.49E-03	1.17E-03	6.94E-03	6.05E-04	8.91E-05	8.80E-03	1.11E-03	0.00E+00	8.06E-06	2.43E-06	1.12E-03
437	488919.6, 3857200.76	0.56839	0.21824	0.10339	0.02825	2.42E-03	0.00E+00	8.79E-06	2.43E-06	2.43E-03	1.14E-03	6.87E-03	6.59E-04	8.92E-05	8.76E-03	1.09E-03	0.00E+00	8.79E-06	2.43E-06	1.10E-03
438	488969.6, 3857200.76	0.55608	0.21608	0.11154	0.02827	2.37E-03	0.00E+00	9.49E-06	2.43E-06	2.38E-03	1.12E-03	6.81E-03	7.11E-04	8.93E-05	8.72E-03	1.06E-03	0.00E+00	9.49E-06	2.43E-06	1.07E-03
439	488819.6, 3857250.76	0.56773	0.22674	0.10507	0.02854	2.42E-03	0.00E+00	8.94E-06	2.46E-06	2.43E-03	1.14E-03	7.14E-03	6.70E-04	9.01E-05	9.04E-03	1.08E-03	0.00E+00	8.94E-06	2.46E-06	1.10E-03
440	488869.6, 3857250.76	0.55523	0.22483	0.11538	0.02856	2.36E-03	0.00E+00	9.81E-06	2.46E-06	2.38E-03	1.12E-03	7.08E-03	7.36E-04	9.02E-05	9.02E-03	1.06E-03	0.00E+00	9.81E-06	2.46E-06	1.07E-03
441	488919.6, 3857250.76	0.54328	0.2229	0.12523	0.02858	2.31E-03	0.00E+00	1.07E-05	2.46E-06	2.33E-03	1.09E-03	7.02E-03	7.99E-04	9.02E-05	9.00E-03	1.04E-03	0.00E+00	1.07E-05	2.46E-06	1.05E-03
442	488969.6, 3857250.76	0.53186	0.22093	0.13461	0.02859	2.27E-03	0.00E+00	1.14E-05	2.46E-06	2.28E-03	1.07E-03	6.96E-03	8.59E-04	9.03E-05	8.98E-03	1.02E-03	0.00E+00	1.14E-05	2.46E-06	1.03E-03
443	488819.6, 3857300.76	0.53962	0.23198	0.12995	0.02895	2.30E-03	0.00E+00	1.11E-05	2.49E-06	2.31E-03	1.08E-03	7.31E-03	8.29E-04	9.14E-05	9.31E-03	1.03E-03	0.00E+00	1.11E-05	2.49E-06	1.04E-03
444	488869.6, 3857300.76	0.52851	0.22997	0.14197	0.02896	2.25E-03	0.00E+00	1.21E-05	2.49E-06	2.27E-03	1.06E-03	7.24E-03	9.06E-04	9.14E-05	9.30E-03	1.01E-03	0.00E+00	1.21E-05	2.49E-06	1.02E-03
445	488919.6, 3857300.76	0.51765	0.22812	0.15346	0.02897	2.20E-03	0.00E+00	1.31E-05	2.49E-06	2.22E-03	1.04E-03	7.19E-03	9.79E-04	9.15E-05	9.30E-03	9.89E-04	0.00E+00	1.31E-05	2.49E-06	1.00E-03
446	488819.6, 3857450.76	0.45679	0.24881	0.26486	0.03065	1.95E-03	0.00E+00	2.25E-05	2.64E-06	1.97E-03	9.17E-04	7.84E-03	1.69E-03	9.68E-05	1.05E-02	8.72E-04	0.00E+00	2.25E-05	2.64E-06	8.98E-04
447	488869.6, 3857450.76	0.44963	0.24652	0.28344	0.03062	1.91E-03	0.00E+00	2.41E-05	2.64E-06	1.94E-03	9.03E-04	7.77E-03	1.81E-03	9.67E-05	1.06E-02	8.59E-04	0.00E+00	2.41E-05	2.64E-06	8.86E-04
448	488919.6, 3857450.76	0.442	0.24489	0.29982	0.03062	1.88E-03	0.00E+00	2.55E-05	2.64E-06	1.91E-03	8.88E-04	7.71E-03	1.91E-03	9.67E-05	1.06E-02	8.44E-04	0.00E+00	2.55E-05	2.64E-06	8.72E-04
449	488819.6, 3857500.76	0.4306	0.25475	0.34244	0.03139	1.83E-03	0.00E+00	2.91E-05	2.70E-06	1.87E-03	8.65E-04	8.02E-03	2.18E-03	9.91E-05	1.12E-02	8.22E-04	0.00E+00	2.91E-05	2.70E-06	8.54E-04
450	488869.6, 3857500.76	0.42409	0.25289	0.36167	0.03138	1.81E-03	0.00E+00	3.08E-05	2.70E-06	1.84E-03	8.52E-04	7.97E-03	2.31E-03	9.91E-05	1.12E-02	8.10E-04	0.00E+00	3.08E-05	2.70E-06	8.43E-04
451	488919.6, 3857500.76	0.41767	0.25109	0.37667	0.03138	1.78E-03	0.00E+00	3.20E-05	2.70E-06	1.81E-03	8.39E-04	7.91E-03	2.40E-03	9.91E-05	1.12E-02	7.98E-04	0.00E+00	3.20E-05	2.70E-06	8.32E-04
452	488819.6, 3857550.76	0.40507	0.26143	0.44273	0.03229	1.73E-03	0.00E+00	3.77E-05	2.78E-06	1.77E-03	8.14E-04	8.24E-03	2.82E-03	1.02E-04	1.20E-02	7.74E-04	0.00E+00	3.77E-05	2.78E-06	8.14E-04
453	488869.6, 3857550.76	0.39975	0.25935	0.45857	0.03229	1.70E-03	0.00E+00	3.90E-05	2.78E-06	1.74E-03	8.03E-04	8.17E-03	2.93E-03	1.02E-04	1.20E-02	7.64E-04	0.00E+00	3.90E-05	2.78E-06	8.05E-04
454	488919.6, 3857550.76	0.39414	0.25769	0.46871	0.03231	1.68E-03	0.00E+00	3.99E-05	2.78E-06	1.72E-03	7.92E-04	8.12E-03	2.99E-03	1.02E-04	1.20E-02	7.53E-04	0.00E+00	3.99E-05	2.78E-06	7.95E-04
455	489663.71, 3860900.05	0.03763	0.30082	0.00709	0.01909	1.60E-04	0.00E+00	6.03E-07	1.64E-06	1.62E-04	7.56E-05	9.48E-03	4.52E-05	6.03E-05	9.66E-03	7.19E-05	0.00E+00	6.03E-07	1.64E-06	7.41E-05
456	489813.71, 3860900.05	0.03784	0.29302	0.00792	0.01861	1.61E-04	0.00E+00	6.74E-07	1.60E-06	1.63E-04	7.60E-05	9.23E-03	5.05E-05	5.88E-05	9.42E-03	7.23E-05	0.00E+00	6.74E-07	1.60E-06	7.45E-05
457	489863.71, 3860900.05	0.03784	0.28967	0.00818	0.01845	1.61E-04	0.00E+00	6.96E-07	1.59E-06	1.63E-04	7.60E-05	9.12E-03	5.22E-05	5.83E-05	9.31E-03	7.23E-05	0.00E+00	6.96E-07	1.59E-06	7.46E-05
458	489913.71, 3860900.05	0.03794	0.28735	0.00844	0.01836	1.62E-04	0.00E+00	7.18E-07	1.58E-06	1.64E-04	7.62E-05	9.05E-03	5.38E-05	5.80E-05	9.24E-03	7.25E-05	0.00E+00	7.18E-07	1.58E-06	7.48E-05
459	489963.71, 3860900.05	0.03793	0.28391	0.00866	0.01824	1.62E-04	0.00E+00	7.37E-07	1.57E-06	1.64E-04	7.62E-05	8.94E-03	5.52E-05	5.76E-05	9.13E-03	7.24E-05	0.00E+00	7.37E-07	1.57E-06	7.48E-05
460	490013.71, 3860900.05	0.03803	0.28142	0.00887	0.01817	1.62E-04	0.00E+00	7.54E-07	1.56E-06	1.64E-04	7.64E-05	8.86E-03	5.66E-05	5.74E-05	9.06E-03	7.26E-05	0.00E+00	7.54E-07	1.56E-06	7.50E-05
461	490063.71, 3860900.05	0.03809	0.27834	0.00905	0.01808	1.62E-04	0.00E+00	7.70E-07	1.56E-06	1.65E-04	7.65E-05	8.77E-03	5.77E-05	5.71E-05	8.96E-03	7.27E-05	0.00E+00	7.70E-07	1.56E-06	7.51E-05
462	489663.71, 3860950.05	0.03691	0.27359	0.00685	0.01747	1.57E-04	0.00E+00	5.83E-07	1.50E-06	1.59E-04	7.41E-05	8.62E-03	4.37E-05	5.52E-05	8.79E-03	7.05E-05	0.00E+00	5.83E-07	1.50E-06	7.26E-05
463	489813.71, 3860950.05	0.03713	0.26815	0.00765	0.01714	1.58E-04	0.00E+00	6.51E-07	1.48E-06	1.60E-04	7.46E-05	8.45E-03	4.88E-05	5.41E-05	8.62E-03	7.09E-05	0.00E+00	6.51E-07	1.48E-06	7.30E-05
464	489863.71, 3860950.05	0.03712	0.26558	0.00791	0.01699	1.58E-04	0.00E+00	6.73E-07	1.46E-06	1.60E-04	7.46E-05	8.37E-03	5.05E-05	5.36E-05	8.54E-03	7.09E-05	0.00E+00	6.73E-07	1.46E-06	7.30E-05
465	489913.71, 3860950.05	0.0372	0.26385	0.00817	0.01691	1.58E-04	0.00E+00	6.95E-07	1.46E-06	1.61E-04	7.47E-05	8.31E-03	5.21E-05	5.34E-05	8.49E-03	7.10E-05	0.00E+00	6.95E-07	1.46E-06	7.32E-05
466	489963.71, 3860950.05	0.03722	0.26154	0.0084	0.01681	1.59E-04	0.00E+00	7.14E-07	1.45E-06	1.61E-04	7.48E-05	8.24E-03	5.36E-05	5.31E-05	8.42E-03	7.11E-05	0.00E+00	7.14E-07	1.45E-06	7.33E-05
467	490013.71, 3860950.05	0.03727	0.25949	0.00862	0.01675	1.59E-04	0.00E+00	7.33E-07	1.44E-06	1.61E-04	7.49E-05	8.17E-03	5.50E-05	5.29E-05	8.36E-03	7.12E-05	0.00E+00	7.33E-07	1.44E-06	7.34E-05
468	490063.71, 3860950.05	0.03733	0.25742	0.00881	0.0167	1.59E-04	0.00E+00	7.49E-07	1.44E-06	1.61E-04	7.50E-05	8.11E-03	5.62E-05	5.27E-05	8.29E-03	7.13E-05	0.00E+00	7.49E-07	1.44E-06	7.35E-05

469	489513.71, 3861000.05	0.03603	0.25397	0.006	0.01617	1.53E-04	0.00E+00	5.10E-07	1.39E-06	1.55E-04	7.24E-05	8.00E-03	3.83E-05	5.11E-05	8.16E-03	6.88E-05	0.00E+00	5.10E-07	1.39E-06	7.07E-05
470	489563.71, 3861000.05	0.03607	0.2527	0.00619	0.01611	1.54E-04	0.00E+00	5.26E-07	1.39E-06	1.56E-04	7.24E-05	7.96E-03	3.95E-05	5.09E-05	8.12E-03	6.89E-05	0.00E+00	5.26E-07	1.39E-06	7.08E-05
471	489613.71, 3861000.05	0.03616	0.25175	0.0064	0.01609	1.54E-04	0.00E+00	5.44E-07	1.39E-06	1.56E-04	7.26E-05	7.93E-03	4.08E-05	5.08E-05	8.09E-03	6.91E-05	0.00E+00	5.44E-07	1.39E-06	7.10E-05
472	489663.71, 3861000.05	0.03623	0.25044	0.00663	0.01604	1.54E-04	0.00E+00	5.64E-07	1.38E-06	1.56E-04	7.28E-05	7.89E-03	4.23E-05	5.06E-05	8.05E-03	6.92E-05	0.00E+00	5.64E-07	1.38E-06	7.11E-05
473	489713.71, 3861000.05	0.03627	0.24879	0.00687	0.01598	1.54E-04	0.00E+00	5.84E-07	1.38E-06	1.56E-04	7.28E-05	7.84E-03	4.38E-05	5.05E-05	8.00E-03	6.93E-05	0.00E+00	5.84E-07	1.38E-06	7.12E-05
474	489763.71, 3861000.05	0.03633	0.24735	0.00713	0.01591	1.55E-04	0.00E+00	6.06E-07	1.37E-06	1.57E-04	7.30E-05	7.79E-03	4.55E-05	5.02E-05	7.96E-03	6.94E-05	0.00E+00	6.06E-07	1.37E-06	7.14E-05
475	489813.71, 3861000.05	0.03645	0.24647	0.0074	0.01585	1.55E-04	0.00E+00	6.29E-07	1.36E-06	1.57E-04	7.32E-05	7.76E-03	4.72E-05	5.00E-05	7.93E-03	6.96E-05	0.00E+00	6.29E-07	1.36E-06	7.16E-05
476	489863.71, 3861000.05	0.03645	0.24449	0.00765	0.01574	1.55E-04	0.00E+00	6.51E-07	1.36E-06	1.57E-04	7.32E-05	7.70E-03	4.88E-05	4.97E-05	7.87E-03	6.96E-05	0.00E+00	6.51E-07	1.36E-06	7.16E-05
477	489913.71, 3861000.05	0.03653	0.24328	0.00792	0.01567	1.56E-04	0.00E+00	6.74E-07	1.35E-06	1.58E-04	7.34E-05	7.66E-03	5.05E-05	4.95E-05	7.84E-03	6.98E-05	0.00E+00	6.74E-07	1.35E-06	7.18E-05
478	489963.71, 3861000.05	0.03652	0.24138	0.00815	0.01557	1.56E-04	0.00E+00	6.93E-07	1.34E-06	1.58E-04	7.34E-05	7.60E-03	5.20E-05	4.92E-05	7.78E-03	6.98E-05	0.00E+00	6.93E-07	1.34E-06	7.18E-05
479	490013.71, 3861000.05	0.03657	0.23993	0.00838	0.01551	1.56E-04	0.00E+00	7.13E-07	1.34E-06	1.58E-04	7.35E-05	7.56E-03	5.35E-05	4.90E-05	7.73E-03	6.98E-05	0.00E+00	7.13E-07	1.34E-06	7.19E-05
480	490063.71, 3861000.05	0.0366	0.23834	0.00858	0.01546	1.56E-04	0.00E+00	7.30E-07	1.33E-06	1.58E-04	7.35E-05	7.51E-03	5.47E-05	4.88E-05	7.68E-03	6.99E-05	0.00E+00	7.30E-07	1.33E-06	7.20E-05
481	489513.71, 3861050.05	0.03541	0.23303	0.00583	0.01493	1.51E-04	0.00E+00	4.96E-07	1.29E-06	1.53E-04	7.11E-05	7.34E-03	3.72E-05	4.71E-05	7.50E-03	6.76E-05	0.00E+00	4.96E-07	1.29E-06	6.94E-05
482	489563.71, 3861050.05	0.03543	0.2321	0.00601	0.01487	1.51E-04	0.00E+00	5.11E-07	1.28E-06	1.53E-04	7.12E-05	7.31E-03	3.83E-05	4.70E-05	7.47E-03	6.77E-05	0.00E+00	5.11E-07	1.28E-06	6.95E-05
483	489613.71, 3861050.05	0.03555	0.23181	0.00621	0.01486	1.51E-04	0.00E+00	5.28E-07	1.28E-06	1.53E-04	7.14E-05	7.30E-03	3.96E-05	4.69E-05	7.46E-03	6.79E-05	0.00E+00	5.28E-07	1.28E-06	6.97E-05
484	489663.71, 3861050.05	0.03556	0.23037	0.00642	0.0148	1.51E-04	0.00E+00	5.46E-07	1.27E-06	1.53E-04	7.14E-05	7.26E-03	4.10E-05	4.67E-05	7.42E-03	6.79E-05	0.00E+00	5.46E-07	1.27E-06	6.97E-05
485	489713.71, 3861050.05	0.03559	0.22904	0.00664	0.01476	1.52E-04	0.00E+00	5.65E-07	1.27E-06	1.53E-04	7.15E-05	7.21E-03	4.24E-05	4.66E-05	7.38E-03	6.80E-05	0.00E+00	5.65E-07	1.27E-06	6.98E-05
486	489763.71, 3861050.05	0.03566	0.22803	0.00689	0.01473	1.52E-04	0.00E+00	5.86E-07	1.27E-06	1.54E-04	7.16E-05	7.18E-03	4.39E-05	4.65E-05	7.35E-03	6.81E-05	0.00E+00	5.86E-07	1.27E-06	7.00E-05
487	489813.71, 3861050.05	0.03575	0.22714	0.00715	0.0147	1.52E-04	0.00E+00	6.08E-07	1.27E-06	1.54E-04	7.18E-05	7.15E-03	4.56E-05	4.64E-05	7.32E-03	6.83E-05	0.00E+00	6.08E-07	1.27E-06	7.02E-05
488	489863.71, 3861050.05	0.03579	0.22586	0.00741	0.01463	1.52E-04	0.00E+00	6.30E-07	1.26E-06	1.54E-04	7.19E-05	7.11E-03	4.73E-05	4.62E-05	7.28E-03	6.84E-05	0.00E+00	6.30E-07	1.26E-06	7.02E-05
489	489913.71, 3861050.05	0.03583	0.2247	0.00766	0.01456	1.53E-04	0.00E+00	6.51E-07	1.25E-06	1.54E-04	7.20E-05	7.08E-03	4.89E-05	4.60E-05	7.24E-03	6.84E-05	0.00E+00	6.51E-07	1.25E-06	7.03E-05
490	489963.71, 3861050.05	0.03586	0.22347	0.0079	0.0145	1.53E-04	0.00E+00	6.72E-07	1.25E-06	1.55E-04	7.20E-05	7.04E-03	5.04E-05	4.58E-05	7.21E-03	6.85E-05	0.00E+00	6.72E-07	1.25E-06	7.04E-05
491	490013.71, 3861050.05	0.03593	0.22262	0.00814	0.01446	1.53E-04	0.00E+00	6.92E-07	1.25E-06	1.55E-04	7.22E-05	7.01E-03	5.19E-05	4.57E-05	7.18E-03	6.86E-05	0.00E+00	6.92E-07	1.25E-06	7.06E-05
492	490063.71, 3861050.05	0.03595	0.22136	0.00835	0.0144	1.53E-04	0.00E+00	7.10E-07	1.24E-06	1.55E-04	7.22E-05	6.97E-03	5.33E-05	4.55E-05	7.14E-03	6.87E-05	0.00E+00	7.10E-07	1.24E-06	7.06E-05
493	489513.71, 3861100.05	0.03486	0.21541	0.00568	0.01393	1.48E-04	0.00E+00	4.83E-07	1.20E-06	1.50E-04	7.00E-05	6.79E-03	3.62E-05	4.40E-05	6.94E-03	6.66E-05	0.00E+00	4.83E-07	1.20E-06	6.83E-05
494	489563.71, 3861100.05	0.0348	0.21418	0.00583	0.01383	1.48E-04	0.00E+00	4.96E-07	1.19E-06	1.50E-04	6.99E-05	6.75E-03	3.72E-05	4.37E-05	6.90E-03	6.65E-05	0.00E+00	4.96E-07	1.19E-06	6.82E-05
495	489613.71, 3861100.05	0.03476	0.21279	0.006	0.01374	1.48E-04	0.00E+00	5.10E-07	1.18E-06	1.50E-04	6.98E-05	6.70E-03	3.83E-05	4.34E-05	6.85E-03	6.64E-05	0.00E+00	5.10E-07	1.18E-06	6.81E-05
496	489663.71, 3861100.05	0.03483	0.21222	0.00621	0.01372	1.48E-04	0.00E+00	5.28E-07	1.18E-06	1.50E-04	7.00E-05	6.68E-03	3.96E-05	4.33E-05	6.84E-03	6.65E-05	0.00E+00	5.28E-07	1.18E-06	6.82E-05
497	489713.71, 3861100.05	0.0349	0.21157	0.00642	0.01369	1.49E-04	0.00E+00	5.46E-07	1.18E-06	1.50E-04	7.01E-05	6.66E-03	4.10E-05	4.32E-05	6.82E-03	6.67E-05	0.00E+00	5.46E-07	1.18E-06	6.84E-05
498	489763.71, 3861100.05	0.03497	0.21081	0.00666	0.01368	1.49E-04	0.00E+00	5.66E-07	1.18E-06	1.51E-04	7.02E-05	6.64E-03	4.25E-05	4.32E-05	6.80E-03	6.68E-05	0.00E+00	5.66E-07	1.18E-06	6.85E-05
499	489813.71, 3861100.05	0.03506	0.21018	0.00691	0.01367	1.49E-04	0.00E+00	5.88E-07	1.18E-06	1.51E-04	7.04E-05	6.62E-03	4.41E-05	4.32E-05	6.78E-03	6.70E-05	0.00E+00	5.88E-07	1.18E-06	6.87E-05
500	489863.71, 3861100.05	0.03517	0.20969	0.00717	0.01365	1.50E-04	0.00E+00	6.10E-07	1.18E-06	1.52E-04	7.06E-05	6.61E-03	4.57E-05	4.31E-05	6.76E-03	6.72E-05	0.00E+00	6.10E-07	1.18E-06	6.90E-05
501	489913.71, 3861100.05	0.03517	0.20846	0.00741	0.0136	1.50E-04	0.00E+00	6.30E-07	1.17E-06	1.52E-04	7.06E-05	6.57E-03	4.73E-05	4.29E-05	6.73E-03	6.72E-05	0.00E+00	6.30E-07	1.17E-06	6.90E-05
502	489963.71, 3861100.05	0.03522	0.20757	0.00766	0.01355	1.50E-04	0.00E+00	6.51E-07	1.17E-06	1.52E-04	7.07E-05	6.54E-03	4.89E-05	4.28E-05	6.70E-03	6.73E-05	0.00E+00	6.51E-07	1.17E-06	6.91E-05
503	490013.71, 3861100.05	0.03522	0.20646	0.00789	0.01349	1.50E-04	0.00E+00	6.71E-07	1.16E-06	1.52E-04	7.07E-05	6.50E-03	5.03E-05	4.26E-05	6.67E-03	6.73E-05	0.00E+00	6.71E-07	1.16E-06	6.91E-05
504	490063.71, 3861100.05	0.03525	0.20561	0.00811	0.01345	1.50E-04	0.00E+00	6.90E-07	1.16E-06	1.52E-04	7.08E-05	6.48E-03	5.17E-05	4.25E-05	6.64E-03	6.73E-05	0.00E+00	6.90E-07	1.16E-06	6.92E-05
505	489713.71, 3861150.05	0.03424	0.19637	0.00622	0.01279	1.46E-04	0.00E+00	5.29E-07	1.10E-06	1.47E-04	6.88E-05	6.19E-03	3.97E-05	4.04E-05	6.33E-03	6.54E-05	0.00E+00	5.29E-07	1.10E-06	6.70E-05
506	489763.71, 3861150.05	0.03432	0.19594	0.00644	0.01278	1.46E-04	0.00E+00	5.48E-07	1.10E-06	1.48E-04	6.89E-05	6.17E-03	4.11E-05	4.04E-05	6.32E-03	6.55E-05	0.00E+00	5.48E-07	1.10E-06	6.72E-05
507	489813.71, 3861150.05	0.03441	0.19548	0.00668	0.01277	1.47E-04	0.00E+00	5.68E-07	1.10E-06	1.48E-04	6.91E-05	6.16E-03	4.26E-05	4.03E-05	6.31E-03	6.57E-05	0.00E+00	5.68E-07	1.10E-06	6.74E-05
508	489863.71, 3861150.05	0.03447	0.19482	0.00692	0.01276	1.47E-04	0.00E+00	5.89E-07	1.10E-06	1.48E-04	6.92E-05	6.14E-03	4.41E-05	4.03E-05	6.29E-03	6.58E-05	0.00E+00	5.89E-07	1.10E-06	6.75E-05
509	489913.71, 3861150.05	0.03451	0.19402	0.00717	0.01273	1.47E-04	0.00E+00	6.10E-07	1.10E-06	1.49E-04	6.93E-05	6.11E-03	4.57E-05	4.02E-05	6.27E-03	6.59E-05	0.00E+00	6.10E-07	1.10E-06	6.76E-05
510	489963.71, 3861150.05	0.03454	0.19313	0.00741	0.01269	1.47E-04	0.00E+00	6.30E-07	1.09E-06	1.49E-04	6.94E-05	6.08E-03	4.73E-05	4.01E-05	6.24E-03	6.60E-05	0.00E+00	6.30E-07	1.09E-06	6.77E-05
511	490013.71, 3861150.05	0.03456	0.19227	0.00764	0.01265	1.47E-04	0.00E+00	6.50E-07	1.09E-06	1.49E-04	6.94E-05	6.06E-03	4.87E-05	3.99E-05	6.21E-03	6.60E-05	0.00E+00	6.50E-07	1.09E-06	6.77E-05
512	490063.71, 3861150.05	0.03461	0.19174	0.00787	0.01262	1.47E-04	0.00E+00	6.69E-07	1.09E-06	1.49E-04	6.95E-05	6.04E-03	5.02E-05	3.98E-05	6.20E-03	6.61E-05	0.00E+00	6.69E-07	1.09E-06	6.79E-05
513	489613.71, 3861200.05	0.03345	0.18327	0.00565	0.0121	1.42E-04	0.00E+00	4.81E-07	1.04E-06	1.44E-04	6.72E-05	5.77E-03	3.60E-05	3.82E-05	5.91E-03	6.39E-05	0.00E+00	4.81E-07	1.04E-06	6.54E-05
514	489663.71, 3861200.05	0.03352	0.18318	0.00583	0.01206	1.43E-04	0.00E+00	4.96E-07	1.04E-06	1.44E-04	6.73E-05	5.77E-03	3.72E-05	3.81E-05	5.91E-03	6.40E-05	0.00E+00	4.96E-07	1.04E-06	6.56E-05
515	489713.71, 3861200.05	0.0336	0.18302	0.00603	0.01203	1.43E-04	0.00E+00	5.13E-07	1.04E-06	1.45E-04	6.75E-05	5.77E-03	3.85E-05	3.80E-05	5.91E-03	6.42E-05	0.00E+00	5.13E-07	1.04E-06	6.57E-05
516	489763.71, 3861200.05	0.03368	0.18274	0.00624	0.01201	1.43E-04	0.00E+00	5.31E-07	1.03E-06	1.45E-04	6.76E-05	5.76E-03	3.98E-05	3.79E-05	5.90E-03	6.43E-05	0.00E+00	5.31E-07	1.03E-06	6.59E-05
517	489813.71, 3861200.05	0.03376	0.18244	0.00646	0.012	1.44E-04	0.00E+00	5.49E-07	1.03E-06	1.45E-04	6.78E-05	5.75E-03	4.12E-05	3.79E-05	5.89E-03	6.45E-05	0.00E+00	5.49E-07	1.03E-06	6.61E-05
518	489863.71, 3861200.05	0.03386	0.18215	0.0067	0.012	1.44E-04	0.00E+00	5.70E-07	1.03E-06	1.46E-04	6.80E-05	5.74E-03	4.27E-05	3.79E-05	5.89E-03	6.47E-05	0.00E+00	5.70E-07	1.03E-06	6.63E-05
519	489913.71, 3861200.05	0.03391	0.18147	0.00694	0.01198	1.44E-04	0.00E+00	5.90E-07	1.03E-06	1.46E-04	6.81E-05	5.72E-03	4.43E-05	3.78E-05	5.87E-03	6.48E-05	0.00E+00	5.90E-07	1.03E-06	6.64E-05
520	489963.71, 3861200.05	0.03392	0.18065	0.00718	0.01195	1.44E-04	0.00E+00	6.11E-07	1.03E-06	1.46E-04	6.81E-05	5.69E-03	4.58E-05	3.77E-05	5.84E-03	6.48E-05	0.00E+00	6.11E-07	1.03E-06	6.64E-05
521	490013.71, 3861200.05	0.03397	0.18005	0.00741	0.01192	1.45E-04	0.00E+00	6.30E-07	1.03E-06	1.46E-04	6.82E-05	5.67E-03	4.73E-05	3.76E-05	5.82E-03	6.49E-05	0.00E+00	6.30E-07	1.03E-06	6.65E-05
522	490063.71, 3861200.05	0.03399	0.17935	0.00764	0.01189	1.45E-04	0.00E+00	6.50E-07	1.02E-06	1.46E-04	6.83E-05	5.65E-03	4.87E-05	3.75E-05	5.80E-03	6.49E-05	0.00E+00	6.50E-07	1.02E-06	6.66E-05
523	489513.71, 3861250.05	0.03271	0.17092	0.00522	0.01144	1.39E-04	0.00E+00	4.44E-07	9.85E-07	1.41E-04	6.57E-05	5.38E-03	3.33E-05	3.61E-05	5.52E-03	6.25E-05	0.00E+00	4.44E-07	9.85E-07	6.39E-05
524	489563.71, 3861250.05	0.0328	0.17128	0.00535	0.01146	1.40E-04	0.00E+00	4.55E-07	9.87E-07	1.41E-04	6.59E-05	5.40E-03	3.41E-05	3.62E-05	5.53E-03	6.26E-05	0.00E+00	4.55E-07	9.87E-07	6.41E-05
525	489613.71, 3861250.05	0.03287	0.17143	0.0055	0.01145	1.40E-04	0.00E+00	4.68E-07	9.86E-07	1.41E-04	6.60E-05	5.40E-03	3.51E-05	3.62E-05	5.54E-03	6.28E-05	0.00E+00	4.68E-07	9.86E-07	6.42E-05
526	489663.71, 3861250.05	0.03292	0.17132	0.00566	0.01142	1.40E-04	0.00E+00	4.81E-07	9.83E-07	1.42E-04	6.61E-05	5.40E-03	3.61E-05	3.61E-05	5.53E-03	6.29E-05	0.00E+00	4.81E-07	9.83E-07	6.43E-05
527	489713.71, 3861250.05	0.03299	0.17124	0.00584	0.01139	1.40E-04	0.00E+00	4.97E-07	9.81E-07	1.42E-04	6.63E-05	5.39E-03	3.73E-05	3.60E-05	5.53E-03	6.30E-05	0.00E+00	4.97E-07	9.81E-07	6.45E-05

528	489763.71, 3861250.05	0.03307	0.17109	0.00604	0.01136	1.41E-04	0.00E+00	5.14E-07	9.78E-07	1.42E-04	6.64E-05	5.39E-03	3.85E-05	3.59E-05	5.53E-03	6.32E-05	0.00E+00	5.14E-07	9.78E-07	6.47E-05
529	489813.71, 3861250.05	0.03314	0.17086	0.00626	0.01134	1.41E-04	0.00E+00	5.32E-07	9.76E-07	1.43E-04	6.66E-05	5.38E-03	3.99E-05	3.58E-05	5.52E-03	6.33E-05	0.00E+00	5.32E-07	9.76E-07	6.48E-05
530	489863.71, 3861250.05	0.03322	0.17054	0.00648	0.01132	1.41E-04	0.00E+00	5.51E-07	9.75E-07	1.43E-04	6.67E-05	5.37E-03	4.13E-05	3.57E-05	5.52E-03	6.34E-05	0.00E+00	5.51E-07	9.75E-07	6.50E-05
531	489913.71, 3861250.05	0.0333	0.17023	0.00672	0.01131	1.42E-04	0.00E+00	5.72E-07	9.74E-07	1.43E-04	6.69E-05	5.36E-03	4.29E-05	3.57E-05	5.51E-03	6.36E-05	0.00E+00	5.72E-07	9.74E-07	6.51E-05
532	489963.71, 3861250.05	0.03335	0.16973	0.00695	0.0113	1.42E-04	0.00E+00	5.91E-07	9.73E-07	1.44E-04	6.70E-05	5.35E-03	4.43E-05	3.57E-05	5.49E-03	6.37E-05	0.00E+00	5.91E-07	9.73E-07	6.53E-05
533	490013.71, 3861250.05	0.03339	0.16914	0.00719	0.01128	1.42E-04	0.00E+00	6.11E-07	9.71E-07	1.44E-04	6.71E-05	5.33E-03	4.59E-05	3.56E-05	5.48E-03	6.38E-05	0.00E+00	6.11E-07	9.71E-07	6.54E-05
534	490063.71, 3861250.05	0.03339	0.16837	0.00741	0.01124	1.42E-04	0.00E+00	6.30E-07	9.68E-07	1.44E-04	6.71E-05	5.30E-03	4.73E-05	3.55E-05	5.45E-03	6.38E-05	0.00E+00	6.30E-07	9.68E-07	6.54E-05
535	489528.13, 3861308.47	0.03205	0.15846	0.0051	0.01074	1.36E-04	0.00E+00	4.34E-07	9.25E-07	1.38E-04	6.44E-05	4.99E-03	3.25E-05	3.39E-05	5.12E-03	6.12E-05	0.00E+00	4.34E-07	9.25E-07	6.26E-05
536	489578.13, 3861308.47	0.03212	0.15873	0.00523	0.01076	1.37E-04	0.00E+00	4.45E-07	9.27E-07	1.38E-04	6.45E-05	5.00E-03	3.34E-05	3.40E-05	5.13E-03	6.13E-05	0.00E+00	4.45E-07	9.27E-07	6.27E-05
537	489628.13, 3861308.47	0.03218	0.1589	0.00537	0.01077	1.37E-04	0.00E+00	4.57E-07	9.27E-07	1.38E-04	6.46E-05	5.01E-03	3.43E-05	3.40E-05	5.14E-03	6.15E-05	0.00E+00	4.57E-07	9.27E-07	6.28E-05
538	489678.13, 3861308.47	0.03225	0.15906	0.00552	0.01076	1.37E-04	0.00E+00	4.69E-07	9.27E-07	1.39E-04	6.48E-05	5.01E-03	3.52E-05	3.40E-05	5.14E-03	6.16E-05	0.00E+00	4.69E-07	9.27E-07	6.30E-05
539	489728.13, 3861308.47	0.03232	0.15909	0.0057	0.01073	1.38E-04	0.00E+00	4.85E-07	9.24E-07	1.39E-04	6.49E-05	5.01E-03	3.64E-05	3.39E-05	5.15E-03	6.17E-05	0.00E+00	4.85E-07	9.24E-07	6.31E-05
540	489778.13, 3861308.47	0.03238	0.15894	0.00588	0.0107	1.38E-04	0.00E+00	5.00E-07	9.21E-07	1.39E-04	6.50E-05	5.01E-03	3.75E-05	3.38E-05	5.14E-03	6.18E-05	0.00E+00	5.00E-07	9.21E-07	6.33E-05
541	489678.13, 3861358.47	0.03167	0.14971	0.00537	0.01025	1.35E-04	0.00E+00	4.57E-07	8.83E-07	1.36E-04	6.36E-05	4.72E-03	3.43E-05	3.24E-05	4.85E-03	6.05E-05	0.00E+00	4.57E-07	8.83E-07	6.18E-05
542	489728.13, 3861358.47	0.03173	0.14977	0.00553	0.01024	1.35E-04	0.00E+00	4.70E-07	8.82E-07	1.36E-04	6.37E-05	4.72E-03	3.53E-05	3.23E-05	4.85E-03	6.06E-05	0.00E+00	4.70E-07	8.82E-07	6.20E-05
543	489528.13, 3861408.47	0.03093	0.1405	0.00487	0.00974	1.32E-04	0.00E+00	4.14E-07	8.39E-07	1.33E-04	6.21E-05	4.43E-03	3.11E-05	3.08E-05	4.55E-03	5.91E-05	0.00E+00	4.14E-07	8.39E-07	6.03E-05
544	489578.13, 3861408.47	0.03099	0.1408	0.00497	0.00977	1.32E-04	0.00E+00	4.23E-07	8.41E-07	1.33E-04	6.22E-05	4.44E-03	3.17E-05	3.08E-05	4.56E-03	5.92E-05	0.00E+00	4.23E-07	8.41E-07	6.05E-05
545	489628.13, 3861408.47	0.0311	0.14133	0.0051	0.0098	1.32E-04	0.00E+00	4.34E-07	8.44E-07	1.34E-04	6.25E-05	4.45E-03	3.25E-05	3.09E-05	4.58E-03	5.94E-05	0.00E+00	4.34E-07	8.44E-07	6.07E-05
546	489678.13, 3861408.47	0.03113	0.14138	0.00523	0.00981	1.33E-04	0.00E+00	4.45E-07	8.45E-07	1.34E-04	6.25E-05	4.45E-03	3.34E-05	3.10E-05	4.58E-03	5.95E-05	0.00E+00	4.45E-07	8.45E-07	6.07E-05
547	489728.13, 3861408.47	0.03116	0.14139	0.00538	0.00979	1.33E-04	0.00E+00	4.58E-07	8.43E-07	1.34E-04	6.26E-05	4.45E-03	3.43E-05	3.09E-05	4.58E-03	5.95E-05	0.00E+00	4.58E-07	8.43E-07	6.08E-05
548	489528.13, 3861458.47	0.03043	0.13306	0.00477	0.00933	1.30E-04	0.00E+00	4.06E-07	8.03E-07	1.31E-04	6.11E-05	4.19E-03	3.04E-05	2.95E-05	4.31E-03	5.81E-05	0.00E+00	4.06E-07	8.03E-07	5.93E-05
549	489578.13, 3861458.47	0.03049	0.13336	0.00486	0.00936	1.30E-04	0.00E+00	4.13E-07	8.06E-07	1.31E-04	6.12E-05	4.20E-03	3.10E-05	2.96E-05	4.32E-03	5.82E-05	0.00E+00	4.13E-07	8.06E-07	5.95E-05
550	489628.13, 3861458.47	0.03054	0.13361	0.00497	0.00939	1.30E-04	0.00E+00	4.23E-07	8.09E-07	1.31E-04	6.13E-05	4.21E-03	3.17E-05	2.96E-05	4.33E-03	5.83E-05	0.00E+00	4.23E-07	8.09E-07	5.96E-05
551	489678.13, 3861458.47	0.03058	0.13375	0.00509	0.00939	1.30E-04	0.00E+00	4.33E-07	8.09E-07	1.31E-04	6.14E-05	4.21E-03	3.25E-05	2.96E-05	4.34E-03	5.84E-05	0.00E+00	4.33E-07	8.09E-07	5.96E-05
552	489728.13, 3861458.47	0.03058	0.13367	0.00523	0.00938	1.30E-04	0.00E+00	4.45E-07	8.08E-07	1.31E-04	6.14E-05	4.21E-03	3.34E-05	2.96E-05	4.34E-03	5.84E-05	0.00E+00	4.45E-07	8.08E-07	5.97E-05
553	489528.13, 3861508.47	0.02993	0.12625	0.00467	0.00895	1.27E-04	0.00E+00	3.97E-07	7.71E-07	1.29E-04	6.01E-05	3.98E-03	2.98E-05	2.83E-05	4.10E-03	5.72E-05	0.00E+00	3.97E-07	7.71E-07	5.83E-05
554	489578.13, 3861508.47	0.02997	0.12644	0.00475	0.00898	1.28E-04	0.00E+00	4.04E-07	7.73E-07	1.29E-04	6.02E-05	3.98E-03	3.03E-05	2.84E-05	4.10E-03	5.72E-05	0.00E+00	4.04E-07	7.73E-07	5.84E-05
555	489628.13, 3861508.47	0.03	0.12662	0.00485	0.00901	1.28E-04	0.00E+00	4.12E-07	7.76E-07	1.29E-04	6.03E-05	3.99E-03	3.09E-05	2.84E-05	4.11E-03	5.73E-05	0.00E+00	4.12E-07	7.76E-07	5.85E-05
556	489678.13, 3861508.47	0.03003	0.12672	0.00496	0.00902	1.28E-04	0.00E+00	4.22E-07	7.77E-07	1.29E-04	6.03E-05	3.99E-03	3.16E-05	2.85E-05	4.11E-03	5.74E-05	0.00E+00	4.22E-07	7.77E-07	5.86E-05
557	489728.13, 3861508.47	0.03005	0.12678	0.00509	0.00902	1.28E-04	0.00E+00	4.33E-07	7.77E-07	1.29E-04	6.04E-05	3.99E-03	3.25E-05	2.85E-05	4.11E-03	5.74E-05	0.00E+00	4.33E-07	7.77E-07	5.86E-05
558	489628.13, 3861558.47	0.02953	0.12051	0.00474	0.00867	1.26E-04	0.00E+00	4.03E-07	7.47E-07	1.27E-04	5.93E-05	3.80E-03	3.02E-05	2.74E-05	3.91E-03	5.64E-05	0.00E+00	4.03E-07	7.47E-07	5.76E-05
559	489678.13, 3861558.47	0.02959	0.12081	0.00485	0.0087	1.26E-04	0.00E+00	4.12E-07	7.49E-07	1.27E-04	5.94E-05	3.81E-03	3.09E-05	2.75E-05	3.92E-03	5.65E-05	0.00E+00	4.12E-07	7.49E-07	5.77E-05
560	489728.13, 3861558.47	0.02961	0.12091	0.00497	0.00871	1.26E-04	0.00E+00	4.23E-07	7.50E-07	1.27E-04	5.95E-05	3.81E-03	3.17E-05	2.75E-05	3.93E-03	5.66E-05	0.00E+00	4.23E-07	7.50E-07	5.77E-05
561	489357.08, 3861015.81	0.03568	0.2491	0.00548	0.01592	1.52E-04	0.00E+00	4.66E-07	1.37E-06	1.54E-04	7.17E-05	7.85E-03	3.50E-05	5.03E-05	8.00E-03	6.81E-05	0.00E+00	4.66E-07	1.37E-06	7.00E-05
562	489407.08, 3861015.81	0.03568	0.24803	0.0056	0.01586	1.52E-04	0.00E+00	4.76E-07	1.37E-06	1.54E-04	7.17E-05	7.81E-03	3.57E-05	5.01E-05	7.97E-03	6.81E-05	0.00E+00	4.76E-07	1.37E-06	7.00E-05
563	489457.08, 3861015.81	0.03572	0.24732	0.00575	0.0158	1.52E-04	0.00E+00	4.89E-07	1.36E-06	1.54E-04	7.17E-05	7.79E-03	3.67E-05	4.99E-05	7.95E-03	6.82E-05	0.00E+00	4.89E-07	1.36E-06	7.01E-05
564	489357.08, 3861065.81	0.03505	0.22805	0.00535	0.01467	1.49E-04	0.00E+00	4.55E-07	1.26E-06	1.51E-04	7.04E-05	7.18E-03	3.41E-05	4.63E-05	7.33E-03	6.69E-05	0.00E+00	4.55E-07	1.26E-06	6.87E-05
565	489407.08, 3861065.81	0.03504	0.22725	0.00546	0.01465	1.49E-04	0.00E+00	4.64E-07	1.26E-06	1.51E-04	7.04E-05	7.16E-03	3.48E-05	4.63E-05	7.31E-03	6.69E-05	0.00E+00	4.64E-07	1.26E-06	6.87E-05
566	489457.08, 3861065.81	0.03508	0.22684	0.0056	0.01461	1.49E-04	0.00E+00	4.76E-07	1.26E-06	1.51E-04	7.05E-05	7.15E-03	3.57E-05	4.61E-05	7.30E-03	6.70E-05	0.00E+00	4.76E-07	1.26E-06	6.87E-05
567	489357.08, 3861115.81	0.03441	0.20983	0.00523	0.01358	1.47E-04	0.00E+00	4.45E-07	1.17E-06	1.48E-04	6.91E-05	6.61E-03	3.34E-05	4.29E-05	6.75E-03	6.57E-05	0.00E+00	4.45E-07	1.17E-06	6.73E-05
568	489407.08, 3861115.81	0.03446	0.20977	0.00534	0.01362	1.47E-04	0.00E+00	4.54E-07	1.17E-06	1.48E-04	6.92E-05	6.61E-03	3.41E-05	4.30E-05	6.75E-03	6.58E-05	0.00E+00	4.54E-07	1.17E-06	6.74E-05
569	489457.08, 3861115.81	0.03451	0.20964	0.00546	0.01363	1.47E-04	0.00E+00	4.64E-07	1.17E-06	1.49E-04	6.93E-05	6.60E-03	3.48E-05	4.30E-05	6.75E-03	6.59E-05	0.00E+00	4.64E-07	1.17E-06	6.76E-05
570	489407.08, 3861165.81	0.03389	0.19453	0.00522	0.01273	1.44E-04	0.00E+00	4.44E-07	1.10E-06	1.46E-04	6.81E-05	6.13E-03	3.33E-05	4.02E-05	6.27E-03	6.47E-05	0.00E+00	4.44E-07	1.10E-06	6.63E-05
571	489457.08, 3861165.81	0.03389	0.19419	0.00532	0.01274	1.44E-04	0.00E+00	4.52E-07	1.10E-06	1.46E-04	6.81E-05	6.12E-03	3.39E-05	4.02E-05	6.26E-03	6.47E-05	0.00E+00	4.52E-07	1.10E-06	6.63E-05
572	489407.08, 3861215.81	0.03314	0.17985	0.00508	0.01188	1.41E-04	0.00E+00	4.32E-07	1.02E-06	1.43E-04	6.66E-05	5.67E-03	3.24E-05	3.75E-05	5.80E-03	6.33E-05	0.00E+00	4.32E-07	1.02E-06	6.48E-05
573	489457.08, 3861215.81	0.03317	0.17981	0.00518	0.01192	1.41E-04	0.00E+00	4.41E-07	1.03E-06	1.43E-04	6.66E-05	5.66E-03	3.30E-05	3.76E-05	5.80E-03	6.34E-05	0.00E+00	4.41E-07	1.03E-06	6.48E-05
574	489407.08, 3861265.81	0.03241	0.16691	0.00496	0.01115	1.38E-04	0.00E+00	4.22E-07	9.60E-07	1.39E-04	6.51E-05	5.26E-03	3.16E-05	3.52E-05	5.39E-03	6.19E-05	0.00E+00	4.22E-07	9.60E-07	6.33E-05
575	489457.08, 3861265.81	0.03248	0.16723	0.00505	0.0112	1.38E-04	0.00E+00	4.29E-07	9.64E-07	1.40E-04	6.52E-05	5.27E-03	3.22E-05	3.54E-05	5.40E-03	6.20E-05	0.00E+00	4.29E-07	9.64E-07	6.34E-05
576	489309.86, 3861110.14	0.03441	0.21154	0.00516	0.01362	1.47E-04	0.00E+00	4.39E-07	1.17E-06	1.48E-04	6.91E-05	6.66E-03	3.29E-05	4.30E-05	6.81E-03	6.57E-05	0.00E+00	4.39E-07	1.17E-06	6.73E-05
577	489407.08, 3861315.81	0.03183	0.15641	0.00486	0.01056	1.36E-04	0.00E+00	4.13E-07	9.09E-07	1.37E-04	6.39E-05	4.93E-03	3.10E-05	3.33E-05	5.06E-03	6.08E-05	0.00E+00	4.13E-07	9.09E-07	6.21E-05
578	489457.08, 3861315.81	0.03191	0.15679	0.00494	0.01061	1.36E-04	0.00E+00	4.20E-07	9.14E-07	1.37E-04	6.41E-05	4.94E-03	3.15E-05	3.35E-05	5.07E-03	6.09E-05	0.00E+00	4.20E-07	9.14E-07	6.23E-05
579	488906.03, 3861006.75	0.03536	0.25609	0.00536	0.01556	1.51E-04	0.00E+00	4.56E-07	1.34E-06	1.52E-04	7.10E-05	8.07E-03	3.42E-05	4.91E-05	8.22E-03	6.75E-05	0.00E+00	4.56E-07	1.34E-06	6.93E-05
580	488956.03, 3861006.75	0.03559	0.2574	0.00531	0.01562	1.52E-04	0.00E+00	4.52E-07	1.35E-06	1.53E-04	7.15E-05	8.11E-03	3.39E-05	4.93E-05	8.26E-03	6.80E-05	0.00E+00	4.52E-07	1.35E-06	6.98E-05
581	488904.24, 3861051.87	0.03524	0.23602	0.00539	0.01457	1.50E-04	0.00E+00	4.58E-07	1.25E-06	1.52E-04	7.08E-05	7.43E-03	3.44E-05	4.60E-05	7.59E-03	6.73E-05	0.00E+00	4.58E-07	1.25E-06	6.90E-05
582	488954.24, 3861051.87	0.03514	0.23645	0.00528	0.01456	1.50E-04	0.00E+00	4.49E-07	1.25E-06	1.51E-04	7.06E-05	7.45E-03	3.37E-05	4.60E-05	7.60E-03	6.71E-05	0.00E+00	4.49E-07	1.25E-06	6.88E-05
583	489004.24, 3861051.87	0.03541	0.23711	0.00525	0.01461	1.51E-04	0.00E+00	4.46E-07	1.26E-06	1.53E-04	7.11E-05	7.47E-03	3.35E-05	4.61E-05	7.62E-03	6.76E-05	0.00E+00	4.46E-07	1.26E-06	6.93E-05
584	488804.24, 3861101.87	0.03402	0.21396	0.00545	0.01403	1.45E-04	0.00E+00	4.64E-07	1.21E-06	1.47E-04	6.83E-05	6.74E-03	3.48E-05	4.43E-05	6.89E-03	6.50E-05	0.00E+00	4.64E-07	1.21E-06	6.66E-05
585	488854.24, 3861101.87	0.03425	0.21491	0.00538	0.0138	1.46E-04	0.00E+00	4.58E-07	1.19E-06	1.48E-04	6.88E-05	6.77E-03	3.43E-05	4.36E-05	6.92E-03	6.54E-05	0.00E+00	4.58E-07	1.19E-06	6.71E-05
586	488904.24, 3861101.87	0.034	0.21338	0.00525	0.01346	1.45E-04	0.00E+00	4.46E-07	1.16E-06	1.46E-04	6.83E-05	6.72E-03	3.35E-05	4.25E-05	6.87E-03	6.49E-05	0.00E+00	4.46E-07	1.16E-06	6.65E-05

587	488954.24, 3861101.87	0.03401	0.21296	0.00517	0.01333	1.45E-04	0.00E+00	4.40E-07	1.15E-06	1.46E-04	6.83E-05	6.71E-03	3.30E-05	4.21E-05	6.85E-03	6.50E-05	0.00E+00	4.40E-07	1.15E-06	6.65E-05
588	489004.24, 3861101.87	0.03413	0.21349	0.00512	0.01333	1.45E-04	0.00E+00	4.35E-07	1.15E-06	1.47E-04	6.86E-05	6.72E-03	3.27E-05	4.21E-05	6.87E-03	6.52E-05	0.00E+00	4.35E-07	1.15E-06	6.68E-05
589	488804.24, 3861151.87	0.03288	0.1933	0.00532	0.01296	1.40E-04	0.00E+00	4.52E-07	1.12E-06	1.42E-04	6.60E-05	6.09E-03	3.39E-05	4.09E-05	6.23E-03	6.28E-05	0.00E+00	4.52E-07	1.12E-06	6.44E-05
590	488854.24, 3861151.87	0.03294	0.19327	0.00524	0.0127	1.40E-04	0.00E+00	4.46E-07	1.09E-06	1.42E-04	6.62E-05	6.09E-03	3.34E-05	4.01E-05	6.23E-03	6.29E-05	0.00E+00	4.46E-07	1.09E-06	6.45E-05
591	489129.49, 3861187.55	0.03306	0.18493	0.00491	0.01191	1.41E-04	0.00E+00	4.18E-07	1.03E-06	1.42E-04	6.64E-05	5.83E-03	3.13E-05	3.76E-05	5.96E-03	6.31E-05	0.00E+00	4.18E-07	1.03E-06	6.46E-05
592	489179.49, 3861187.55	0.03313	0.18523	0.0049	0.01199	1.41E-04	0.00E+00	4.17E-07	1.03E-06	1.43E-04	6.65E-05	5.83E-03	3.13E-05	3.79E-05	5.97E-03	6.33E-05	0.00E+00	4.17E-07	1.03E-06	6.47E-05
593	488804.24, 3861201.87	0.03226	0.17899	0.00528	0.01223	1.37E-04	0.00E+00	4.49E-07	1.05E-06	1.39E-04	6.48E-05	5.64E-03	3.37E-05	3.86E-05	5.78E-03	6.16E-05	0.00E+00	4.49E-07	1.05E-06	6.31E-05
594	488854.24, 3861201.87	0.03224	0.17821	0.00518	0.01196	1.37E-04	0.00E+00	4.41E-07	1.03E-06	1.39E-04	6.48E-05	5.61E-03	3.30E-05	3.78E-05	5.75E-03	6.16E-05	0.00E+00	4.41E-07	1.03E-06	6.30E-05
595	489129.49, 3861237.55	0.03252	0.17253	0.00486	0.01121	1.38E-04	0.00E+00	4.13E-07	9.65E-07	1.40E-04	6.53E-05	5.43E-03	3.10E-05	3.54E-05	5.57E-03	6.21E-05	0.00E+00	4.13E-07	9.65E-07	6.35E-05
596	489179.49, 3861237.55	0.03252	0.17232	0.00483	0.01126	1.38E-04	0.00E+00	4.11E-07	9.70E-07	1.40E-04	6.53E-05	5.43E-03	3.08E-05	3.56E-05	5.56E-03	6.21E-05	0.00E+00	4.11E-07	9.70E-07	6.35E-05
597	488804.24, 3861251.87	0.0317	0.16688	0.00523	0.01159	1.35E-04	0.00E+00	4.45E-07	9.98E-07	1.36E-04	6.37E-05	5.26E-03	3.34E-05	3.66E-05	5.39E-03	6.05E-05	0.00E+00	4.45E-07	9.98E-07	6.20E-05
598	488854.24, 3861251.87	0.03165	0.16602	0.00514	0.01133	1.35E-04	0.00E+00	4.37E-07	9.76E-07	1.36E-04	6.36E-05	5.23E-03	3.28E-05	3.58E-05	5.36E-03	6.04E-05	0.00E+00	4.37E-07	9.76E-07	6.19E-05
599	488804.24, 3861301.87	0.03106	0.15565	0.00518	0.01099	1.32E-04	0.00E+00	4.41E-07	9.46E-07	1.34E-04	6.24E-05	4.90E-03	3.30E-05	3.47E-05	5.03E-03	5.93E-05	0.00E+00	4.41E-07	9.46E-07	6.07E-05
600	488854.24, 3861301.87	0.03107	0.15534	0.00509	0.01077	1.32E-04	0.00E+00	4.33E-07	9.27E-07	1.34E-04	6.24E-05	4.89E-03	3.25E-05	3.40E-05	5.02E-03	5.93E-05	0.00E+00	4.33E-07	9.27E-07	6.07E-05
601	490943.5, 3860181.97	0.04955	0.36777	0.01351	0.0374	2.11E-04	0.00E+00	1.15E-06	3.22E-06	2.15E-04	9.95E-05	1.16E-02	8.62E-05	1.18E-04	1.19E-02	9.46E-05	0.00E+00	1.15E-06	3.22E-06	9.90E-05
602	490993.5, 3860181.97	0.04926	0.3601	0.01352	0.03667	2.10E-04	0.00E+00	1.15E-06	3.16E-06	2.14E-04	9.89E-05	1.13E-02	8.62E-05	1.16E-04	1.16E-02	9.41E-05	0.00E+00	1.15E-06	3.16E-06	9.84E-05
603	491043.5, 3860181.97	0.04899	0.35273	0.01355	0.03597	2.09E-04	0.00E+00	1.15E-06	3.10E-06	2.13E-04	9.84E-05	1.11E-02	8.64E-05	1.14E-04	1.14E-02	9.36E-05	0.00E+00	1.15E-06	3.10E-06	9.78E-05
604	491093.5, 3860181.97	0.04871	0.34541	0.01357	0.03524	2.07E-04	0.00E+00	1.15E-06	3.03E-06	2.12E-04	9.78E-05	1.09E-02	8.66E-05	1.11E-04	1.12E-02	9.30E-05	0.00E+00	1.15E-06	3.03E-06	9.72E-05
605	490943.5, 3860231.97	0.04884	0.36074	0.01319	0.03556	2.08E-04	0.00E+00	1.12E-06	3.06E-06	2.12E-04	9.81E-05	1.14E-02	8.41E-05	1.12E-04	1.17E-02	9.33E-05	0.00E+00	1.12E-06	3.06E-06	9.75E-05
606	490993.5, 3860231.97	0.04861	0.35356	0.01322	0.03503	2.07E-04	0.00E+00	1.12E-06	3.02E-06	2.11E-04	9.76E-05	1.11E-02	8.43E-05	1.11E-04	1.14E-02	9.28E-05	0.00E+00	1.12E-06	3.02E-06	9.70E-05
607	491043.5, 3860231.97	0.04825	0.34606	0.0132	0.0343	2.05E-04	0.00E+00	1.12E-06	2.95E-06	2.10E-04	9.69E-05	1.09E-02	8.42E-05	1.08E-04	1.12E-02	9.22E-05	0.00E+00	1.12E-06	2.95E-06	9.62E-05
608	491093.5, 3860231.97	0.04792	0.3388	0.01319	0.03361	2.04E-04	0.00E+00	1.12E-06	2.89E-06	2.08E-04	9.62E-05	1.07E-02	8.41E-05	1.06E-04	1.10E-02	9.15E-05	0.00E+00	1.12E-06	2.89E-06	9.55E-05
609	490943.5, 3860281.97	0.04818	0.35287	0.0129	0.03372	2.05E-04	0.00E+00	1.10E-06	2.90E-06	2.09E-04	9.68E-05	1.11E-02	8.23E-05	1.06E-04	1.14E-02	9.20E-05	0.00E+00	1.10E-06	2.90E-06	9.60E-05
610	490993.5, 3860281.97	0.04791	0.34581	0.01291	0.03321	2.04E-04	0.00E+00	1.10E-06	2.86E-06	2.08E-04	9.62E-05	1.09E-02	8.23E-05	1.05E-04	1.12E-02	9.15E-05	0.00E+00	1.10E-06	2.86E-06	9.55E-05
611	491043.5, 3860281.97	0.04756	0.33863	0.01289	0.0326	2.03E-04	0.00E+00	1.10E-06	2.81E-06	2.06E-04	9.55E-05	1.07E-02	8.22E-05	1.03E-04	1.09E-02	9.08E-05	0.00E+00	1.10E-06	2.81E-06	9.47E-05
612	491093.5, 3860281.97	0.04723	0.33165	0.01287	0.032	2.01E-04	0.00E+00	1.09E-06	2.76E-06	2.05E-04	9.49E-05	1.04E-02	8.21E-05	1.01E-04	1.07E-02	9.02E-05	0.00E+00	1.09E-06	2.76E-06	9.41E-05
613	490943.5, 3860331.97	0.04755	0.34414	0.01263	0.03191	2.02E-04	0.00E+00	1.07E-06	2.75E-06	2.06E-04	9.55E-05	1.08E-02	8.06E-05	1.01E-04	1.11E-02	9.08E-05	0.00E+00	1.07E-06	2.75E-06	9.46E-05
614	490993.5, 3860331.97	0.04717	0.33694	0.01261	0.03135	2.01E-04	0.00E+00	1.07E-06	2.70E-06	2.05E-04	9.47E-05	1.06E-02	8.04E-05	9.90E-05	1.09E-02	9.01E-05	0.00E+00	1.07E-06	2.70E-06	9.39E-05
615	491043.5, 3860331.97	0.04682	0.33004	0.01258	0.03082	1.99E-04	0.00E+00	1.07E-06	2.65E-06	2.03E-04	9.40E-05	1.04E-02	8.02E-05	9.73E-05	1.07E-02	8.94E-05	0.00E+00	1.07E-06	2.65E-06	9.31E-05
616	491093.5, 3860331.97	0.04649	0.3234	0.01256	0.03031	1.98E-04	0.00E+00	1.07E-06	2.61E-06	2.02E-04	9.34E-05	1.02E-02	8.01E-05	9.57E-05	1.05E-02	8.88E-05	0.00E+00	1.07E-06	2.61E-06	9.25E-05
617	490086.72, 3859935.12	0.06046	0.5644	0.01436	0.07226	2.57E-04	0.00E+00	1.22E-06	6.22E-06	2.65E-04	1.21E-04	1.78E-02	9.16E-05	2.28E-04	1.82E-02	1.15E-04	0.00E+00	1.22E-06	6.22E-06	1.23E-04
618	490136.72, 3859935.12	0.06013	0.55188	0.01456	0.06984	2.56E-04	0.00E+00	1.24E-06	6.01E-06	2.63E-04	1.21E-04	1.74E-02	9.29E-05	2.21E-04	1.78E-02	1.15E-04	0.00E+00	1.24E-06	6.01E-06	1.22E-04
619	490186.72, 3859935.12	0.05975	0.53966	0.01476	0.06757	2.54E-04	0.00E+00	1.26E-06	5.82E-06	2.62E-04	1.20E-04	1.70E-02	9.41E-05	2.13E-04	1.74E-02	1.14E-04	0.00E+00	1.26E-06	5.82E-06	1.21E-04
620	490236.72, 3859935.12	0.05933	0.52774	0.01493	0.06546	2.53E-04	0.00E+00	1.27E-06	5.64E-06	2.60E-04	1.19E-04	1.66E-02	9.52E-05	2.07E-04	1.70E-02	1.13E-04	0.00E+00	1.27E-06	5.64E-06	1.20E-04
621	490286.72, 3859935.12	0.05885	0.51624	0.01506	0.06351	2.51E-04	0.00E+00	1.28E-06	5.47E-06	2.57E-04	1.18E-04	1.63E-02	9.61E-05	2.01E-04	1.67E-02	1.12E-04	0.00E+00	1.28E-06	5.47E-06	1.19E-04
622	490336.72, 3859935.12	0.05835	0.50504	0.01515	0.06169	2.48E-04	0.00E+00	1.29E-06	5.31E-06	2.55E-04	1.17E-04	1.59E-02	9.66E-05	1.95E-04	1.63E-02	1.11E-04	0.00E+00	1.29E-06	5.31E-06	1.18E-04
623	490386.72, 3859935.12	0.05789	0.49405	0.01524	0.05994	2.47E-04	0.00E+00	1.30E-06	5.16E-06	2.53E-04	1.16E-04	1.56E-02	9.72E-05	1.89E-04	1.60E-02	1.11E-04	0.00E+00	1.30E-06	5.16E-06	1.17E-04
624	490436.72, 3859935.12	0.05741	0.48341	0.01529	0.05832	2.44E-04	0.00E+00	1.30E-06	5.02E-06	2.51E-04	1.15E-04	1.52E-02	9.75E-05	1.84E-04	1.56E-02	1.10E-04	0.00E+00	1.30E-06	5.02E-06	1.16E-04
625	490486.72, 3859935.12	0.05696	0.47304	0.01534	0.05676	2.43E-04	0.00E+00	1.30E-06	4.89E-06	2.49E-04	1.14E-04	1.49E-02	9.78E-05	1.79E-04	1.53E-02	1.09E-04	0.00E+00	1.30E-06	4.89E-06	1.15E-04
626	490536.72, 3859935.12	0.05669	0.46269	0.01545	0.05516	2.41E-04	0.00E+00	1.31E-06	4.75E-06	2.47E-04	1.14E-04	1.46E-02	9.85E-05	1.74E-04	1.50E-02	1.08E-04	0.00E+00	1.31E-06	4.75E-06	1.14E-04
627	490586.72, 3859935.12	0.05649	0.4525	0.01559	0.0536	2.41E-04	0.00E+00	1.33E-06	4.62E-06	2.47E-04	1.13E-04	1.43E-02	9.94E-05	1.69E-04	1.46E-02	1.08E-04	0.00E+00	1.33E-06	4.62E-06	1.14E-04
628	490636.72, 3859935.12	0.05619	0.44291	0.01567	0.05224	2.39E-04	0.00E+00	1.33E-06	4.50E-06	2.45E-04	1.13E-04	1.40E-02	1.00E-04	1.65E-04	1.43E-02	1.07E-04	0.00E+00	1.33E-06	4.50E-06	1.13E-04
629	490686.72, 3859935.12	0.05612	0.43219	0.01586	0.05081	2.39E-04	0.00E+00	1.35E-06	4.38E-06	2.45E-04	1.13E-04	1.36E-02	1.01E-04	1.60E-04	1.40E-02	1.07E-04	0.00E+00	1.35E-06	4.38E-06	1.13E-04
630	490736.72, 3859935.12	0.05597	0.42259	0.016	0.04954	2.38E-04	0.00E+00	1.36E-06	4.27E-06	2.44E-04	1.12E-04	1.33E-02	1.02E-04	1.56E-04	1.37E-02	1.07E-04	0.00E+00	1.36E-06	4.27E-06	1.13E-04
631	490086.72, 3859985.12	0.05934	0.56489	0.01384	0.06943	2.53E-04	0.00E+00	1.18E-06	5.98E-06	2.60E-04	1.19E-04	1.78E-02	8.83E-05	2.19E-04	1.82E-02	1.13E-04	0.00E+00	1.18E-06	5.98E-06	1.20E-04
632	490136.72, 3859985.12	0.05907	0.55192	0.01403	0.06718	2.52E-04	0.00E+00	1.19E-06	5.78E-06	2.59E-04	1.19E-04	1.74E-02	8.95E-05	2.12E-04	1.78E-02	1.13E-04	0.00E+00	1.19E-06	5.78E-06	1.20E-04
633	490186.72, 3859985.12	0.05879	0.53911	0.01424	0.06502	2.50E-04	0.00E+00	1.21E-06	5.60E-06	2.57E-04	1.18E-04	1.70E-02	9.08E-05	2.05E-04	1.74E-02	1.12E-04	0.00E+00	1.21E-06	5.60E-06	1.19E-04
634	490236.72, 3859985.12	0.05849	0.5266	0.01445	0.06297	2.49E-04	0.00E+00	1.23E-06	5.42E-06	2.56E-04	1.17E-04	1.66E-02	9.22E-05	1.99E-04	1.70E-02	1.12E-04	0.00E+00	1.23E-06	5.42E-06	1.18E-04
635	490286.72, 3859985.12	0.05807	0.51474	0.0146	0.06113	2.47E-04	0.00E+00	1.24E-06	5.26E-06	2.54E-04	1.17E-04	1.62E-02	9.31E-05	1.93E-04	1.66E-02	1.11E-04	0.00E+00	1.24E-06	5.26E-06	1.17E-04
636	490336.72, 3859985.12	0.0576	0.50324	0.01471	0.05941	2.45E-04	0.00E+00	1.25E-06	5.12E-06	2.52E-04	1.16E-04	1.59E-02	9.38E-05	1.88E-04	1.62E-02	1.10E-04	0.00E+00	1.25E-06	5.12E-06	1.16E-04
637	490386.72, 3859985.12	0.05706	0.49219	0.01477	0.05784	2.43E-04	0.00E+00	1.26E-06	4.98E-06	2.49E-04	1.15E-04	1.55E-02	9.42E-05	1.83E-04	1.59E-02	1.09E-04	0.00E+00	1.26E-06	4.98E-06	1.15E-04
638	490436.72, 3859985.12	0.05657	0.48132	0.01483	0.05631	2.41E-04	0.00E+00	1.26E-06	4.85E-06	2.47E-04	1.14E-04	1.52E-02	9.46E-05	1.78E-04	1.55E-02	1.08E-04	0.00E+00	1.26E-06	4.85E-06	1.14E-04
639	490486.72, 3859985.12	0.05612	0.47073	0.01489	0.05483	2.39E-04	0.00E+00	1.27E-06	4.72E-06	2.45E-04	1.13E-04	1.48E-02	9.50E-05	1.73E-04	1.52E-02	1.07E-04	0.00E+00	1.27E-06	4.72E-06	1.13E-04
640	490536.72, 3859985.12	0.05576	0.46037	0.01496	0.05338	2.37E-04	0.00E+00	1.27E-06	4.60E-06	2.43E-04	1.12E-04	1.45E-02	9.54E-05	1.69E-04	1.49E-02	1.06E-04	0.00E+00	1.27E-06	4.60E-06	1.12E-04
641	490586.72, 3859985.12	0.05546	0.45024	0.01505	0.05196	2.36E-04	0.00E+00	1.28E-06	4.47E-06	2.42E-04	1.11E-04	1.42E-02	9.60E-05	1.64E-04	1.46E-02	1.06E-04	0.00E+00	1.28E-06	4.47E-06	1.12E-04
642	490636.72, 3859985.12	0.05524	0.44032	0.01515	0.05056	2.35E-04	0.00E+00	1.29E-06	4.35E-06	2.41E-04	1.11E-04	1.39E-02	9.66E-05	1.60E-04	1.42E-02	1.06E-04	0.00E+00	1.29E-06	4.35E-06	1.11E-04
643	490686.72, 3859985.12	0.05515	0.42977	0.01533	0.04917	2.35E-04	0.00E+00	1.30E-06	4.23E-06	2.40E-04	1.11E-04	1.35E-02	9.78E-05	1.55E-04	1.39E-02	1.05E-04	0.00E+00	1.30E-06	4.23E-06	1.11E-04
644	490736.72, 3859985.12	0.05485	0.42078	0.01538	0.04803	2.34E-04	0.00E+00	1.31E-06	4.14E-06	2.39E-04	1.10E-04	1.33E-02	9.81E-05	1.52E-04	1.36E-02	1.05E-04	0.00E+00	1.31E-06	4.14E-06	1.10E-04
645	490786.72, 3859985.12	0.05459	0.41212	0.01545	0.04695	2.32E-04	0.00E+00	1.31E-06	4.04E-06	2.38E-04	1.10E-04	1.30E-02	9.85E-05	1.48E-04	1.33E-02	1.04E-04	0.00E+00	1.31E-06	4.04E-06	1.10E-04

646	490086.72, 3860035.12	0.05817	0.5654	0.01337	0.06634	2.48E-04	0.00E+00	1.14E-06	5.71E-06	2.55E-04	1.17E-04	1.78E-02	8.53E-05	2.09E-04	1.82E-02	1.11E-04	0.00E+00	1.14E-06	5.71E-06	1.18E-04
647	490136.72, 3860035.12	0.05799	0.5517	0.01355	0.06425	2.47E-04	0.00E+00	1.15E-06	5.53E-06	2.54E-04	1.16E-04	1.74E-02	8.64E-05	2.03E-04	1.78E-02	1.11E-04	0.00E+00	1.15E-06	5.53E-06	1.17E-04
648	490186.72, 3860035.12	0.05777	0.53839	0.01374	0.06227	2.46E-04	0.00E+00	1.17E-06	5.36E-06	2.53E-04	1.16E-04	1.70E-02	8.76E-05	1.97E-04	1.74E-02	1.10E-04	0.00E+00	1.17E-06	5.36E-06	1.17E-04
649	490236.72, 3860035.12	0.05749	0.52551	0.01393	0.06041	2.45E-04	0.00E+00	1.18E-06	5.20E-06	2.51E-04	1.15E-04	1.66E-02	8.89E-05	1.91E-04	1.69E-02	1.10E-04	0.00E+00	1.18E-06	5.20E-06	1.16E-04
650	490286.72, 3860035.12	0.05712	0.51317	0.01409	0.0587	2.43E-04	0.00E+00	1.20E-06	5.05E-06	2.50E-04	1.15E-04	1.62E-02	8.99E-05	1.85E-04	1.66E-02	1.09E-04	0.00E+00	1.20E-06	5.05E-06	1.15E-04
651	490336.72, 3860035.12	0.05678	0.50108	0.01425	0.05702	2.42E-04	0.00E+00	1.21E-06	4.91E-06	2.48E-04	1.14E-04	1.58E-02	9.09E-05	1.80E-04	1.62E-02	1.08E-04	0.00E+00	1.21E-06	4.91E-06	1.15E-04
652	490386.72, 3860035.12	0.05628	0.48968	0.01433	0.05555	2.40E-04	0.00E+00	1.22E-06	4.78E-06	2.46E-04	1.13E-04	1.54E-02	9.14E-05	1.75E-04	1.58E-02	1.07E-04	0.00E+00	1.22E-06	4.78E-06	1.13E-04
653	490436.72, 3860035.12	0.05579	0.47855	0.0144	0.05413	2.38E-04	0.00E+00	1.22E-06	4.66E-06	2.43E-04	1.12E-04	1.51E-02	9.19E-05	1.71E-04	1.54E-02	1.07E-04	0.00E+00	1.22E-06	4.66E-06	1.12E-04
654	490486.72, 3860035.12	0.05533	0.46775	0.01446	0.05276	2.36E-04	0.00E+00	1.23E-06	4.54E-06	2.41E-04	1.11E-04	1.47E-02	9.22E-05	1.67E-04	1.51E-02	1.06E-04	0.00E+00	1.23E-06	4.54E-06	1.11E-04
655	490536.72, 3860035.12	0.05494	0.45723	0.01453	0.05141	2.34E-04	0.00E+00	1.24E-06	4.43E-06	2.40E-04	1.10E-04	1.44E-02	9.27E-05	1.62E-04	1.48E-02	1.05E-04	0.00E+00	1.24E-06	4.43E-06	1.11E-04
656	490586.72, 3860035.12	0.05456	0.44708	0.01458	0.05013	2.32E-04	0.00E+00	1.24E-06	4.32E-06	2.38E-04	1.10E-04	1.41E-02	9.30E-05	1.58E-04	1.44E-02	1.04E-04	0.00E+00	1.24E-06	4.32E-06	1.10E-04
657	490636.72, 3860035.12	0.05413	0.43734	0.0146	0.04897	2.31E-04	0.00E+00	1.24E-06	4.22E-06	2.36E-04	1.09E-04	1.38E-02	9.31E-05	1.55E-04	1.41E-02	1.03E-04	0.00E+00	1.24E-06	4.22E-06	1.09E-04
658	490686.72, 3860035.12	0.05388	0.42776	0.01468	0.04775	2.29E-04	0.00E+00	1.25E-06	4.11E-06	2.35E-04	1.08E-04	1.35E-02	9.36E-05	1.51E-04	1.38E-02	1.03E-04	0.00E+00	1.25E-06	4.11E-06	1.08E-04
659	490736.72, 3860035.12	0.05381	0.41813	0.01484	0.04645	2.29E-04	0.00E+00	1.26E-06	4.00E-06	2.34E-04	1.08E-04	1.32E-02	9.47E-05	1.47E-04	1.35E-02	1.03E-04	0.00E+00	1.26E-06	4.00E-06	1.08E-04
660	490786.72, 3860035.12	0.05351	0.40932	0.01488	0.04542	2.28E-04	0.00E+00	1.27E-06	3.91E-06	2.33E-04	1.07E-04	1.29E-02	9.49E-05	1.43E-04	1.32E-02	1.02E-04	0.00E+00	1.27E-06	3.91E-06	1.07E-04
661	490836.72, 3860035.12	0.05323	0.40088	0.01492	0.04447	2.27E-04	0.00E+00	1.27E-06	3.83E-06	2.32E-04	1.07E-04	1.26E-02	9.52E-05	1.40E-04	1.30E-02	1.02E-04	0.00E+00	1.27E-06	3.83E-06	1.07E-04
662	490086.72, 3860085.12	0.05715	0.56339	0.01303	0.0629	2.43E-04	0.00E+00	1.11E-06	5.42E-06	2.50E-04	1.15E-04	1.77E-02	8.31E-05	1.99E-04	1.81E-02	1.09E-04	0.00E+00	1.11E-06	5.42E-06	1.16E-04
663	490136.72, 3860085.12	0.05686	0.55106	0.0131	0.06115	2.42E-04	0.00E+00	1.11E-06	5.27E-06	2.49E-04	1.14E-04	1.74E-02	8.36E-05	1.93E-04	1.77E-02	1.09E-04	0.00E+00	1.11E-06	5.27E-06	1.15E-04
664	490186.72, 3860085.12	0.05677	0.53682	0.0133	0.05927	2.42E-04	0.00E+00	1.13E-06	5.10E-06	2.48E-04	1.14E-04	1.69E-02	8.48E-05	1.87E-04	1.73E-02	1.08E-04	0.00E+00	1.13E-06	5.10E-06	1.15E-04
665	490236.72, 3860085.12	0.05654	0.52347	0.01347	0.05758	2.41E-04	0.00E+00	1.15E-06	4.96E-06	2.47E-04	1.14E-04	1.65E-02	8.59E-05	1.82E-04	1.69E-02	1.08E-04	0.00E+00	1.15E-06	4.96E-06	1.14E-04
666	490286.72, 3860085.12	0.05624	0.51062	0.01363	0.05599	2.40E-04	0.00E+00	1.16E-06	4.82E-06	2.45E-04	1.13E-04	1.61E-02	8.69E-05	1.77E-04	1.65E-02	1.07E-04	0.00E+00	1.16E-06	4.82E-06	1.13E-04
667	490336.72, 3860085.12	0.05587	0.49832	0.01377	0.05452	2.38E-04	0.00E+00	1.17E-06	4.69E-06	2.44E-04	1.12E-04	1.57E-02	8.78E-05	1.72E-04	1.61E-02	1.07E-04	0.00E+00	1.17E-06	4.69E-06	1.13E-04
668	490386.72, 3860085.12	0.05546	0.48644	0.01389	0.05312	2.36E-04	0.00E+00	1.18E-06	4.57E-06	2.42E-04	1.11E-04	1.53E-02	8.86E-05	1.68E-04	1.57E-02	1.06E-04	0.00E+00	1.18E-06	4.57E-06	1.12E-04
669	490436.72, 3860085.12	0.05502	0.47499	0.01398	0.05179	2.34E-04	0.00E+00	1.19E-06	4.46E-06	2.40E-04	1.11E-04	1.50E-02	8.92E-05	1.64E-04	1.53E-02	1.05E-04	0.00E+00	1.19E-06	4.46E-06	1.11E-04
670	490486.72, 3860085.12	0.05455	0.46397	0.01405	0.0505	2.32E-04	0.00E+00	1.19E-06	4.35E-06	2.38E-04	1.10E-04	1.46E-02	8.96E-05	1.59E-04	1.50E-02	1.04E-04	0.00E+00	1.19E-06	4.35E-06	1.10E-04
671	490536.72, 3860085.12	0.05414	0.45328	0.01412	0.04926	2.31E-04	0.00E+00	1.20E-06	4.24E-06	2.36E-04	1.09E-04	1.43E-02	9.01E-05	1.56E-04	1.46E-02	1.03E-04	0.00E+00	1.20E-06	4.24E-06	1.09E-04
672	490586.72, 3860085.12	0.05375	0.44298	0.01417	0.04808	2.29E-04	0.00E+00	1.21E-06	4.14E-06	2.34E-04	1.08E-04	1.40E-02	9.04E-05	1.52E-04	1.43E-02	1.03E-04	0.00E+00	1.21E-06	4.14E-06	1.08E-04
673	490636.72, 3860085.12	0.05332	0.43308	0.01419	0.04695	2.27E-04	0.00E+00	1.21E-06	4.04E-06	2.32E-04	1.07E-04	1.36E-02	9.05E-05	1.48E-04	1.40E-02	1.02E-04	0.00E+00	1.21E-06	4.04E-06	1.07E-04
674	490686.72, 3860085.12	0.05299	0.4235	0.01424	0.04591	2.26E-04	0.00E+00	1.21E-06	3.95E-06	2.31E-04	1.06E-04	1.33E-02	9.08E-05	1.45E-04	1.37E-02	1.01E-04	0.00E+00	1.21E-06	3.95E-06	1.06E-04
675	490736.72, 3860085.12	0.05273	0.4142	0.0143	0.04484	2.25E-04	0.00E+00	1.22E-06	3.86E-06	2.30E-04	1.06E-04	1.30E-02	9.12E-05	1.42E-04	1.34E-02	1.01E-04	0.00E+00	1.22E-06	3.86E-06	1.06E-04
676	490786.72, 3860085.12	0.0525	0.40519	0.01437	0.04381	2.24E-04	0.00E+00	1.22E-06	3.77E-06	2.29E-04	1.05E-04	1.28E-02	9.17E-05	1.38E-04	1.31E-02	1.00E-04	0.00E+00	1.22E-06	3.77E-06	1.05E-04
677	490836.72, 3860085.12	0.05218	0.39667	0.01439	0.04291	2.22E-04	0.00E+00	1.22E-06	3.69E-06	2.27E-04	1.05E-04	1.25E-02	9.18E-05	1.35E-04	1.28E-02	9.97E-05	0.00E+00	1.22E-06	3.69E-06	1.05E-04
678	490086.72, 3860135.12	0.05557	0.56541	0.01252	0.05983	2.37E-04	0.00E+00	1.06E-06	5.15E-06	2.43E-04	1.12E-04	1.78E-02	7.99E-05	1.89E-04	1.82E-02	1.06E-04	0.00E+00	1.06E-06	5.15E-06	1.12E-04
679	490136.72, 3860135.12	0.05562	0.54968	0.01267	0.05799	2.37E-04	0.00E+00	1.08E-06	4.99E-06	2.43E-04	1.12E-04	1.73E-02	8.08E-05	1.83E-04	1.77E-02	1.06E-04	0.00E+00	1.08E-06	4.99E-06	1.12E-04
680	490186.72, 3860135.12	0.05562	0.5347	0.01284	0.05625	2.37E-04	0.00E+00	1.09E-06	4.84E-06	2.43E-04	1.12E-04	1.68E-02	8.19E-05	1.78E-04	1.72E-02	1.06E-04	0.00E+00	1.09E-06	4.84E-06	1.12E-04
681	490236.72, 3860135.12	0.05545	0.52069	0.013	0.05471	2.36E-04	0.00E+00	1.11E-06	4.71E-06	2.42E-04	1.11E-04	1.64E-02	8.29E-05	1.73E-04	1.68E-02	1.06E-04	0.00E+00	1.11E-06	4.71E-06	1.12E-04
682	490286.72, 3860135.12	0.05525	0.50723	0.01316	0.05322	2.35E-04	0.00E+00	1.12E-06	4.58E-06	2.41E-04	1.11E-04	1.60E-02	8.39E-05	1.68E-04	1.63E-02	1.06E-04	0.00E+00	1.12E-06	4.58E-06	1.11E-04
683	490336.72, 3860135.12	0.05498	0.49439	0.01332	0.05183	2.34E-04	0.00E+00	1.13E-06	4.46E-06	2.40E-04	1.10E-04	1.56E-02	8.50E-05	1.64E-04	1.59E-02	1.05E-04	0.00E+00	1.13E-06	4.46E-06	1.11E-04
684	490386.72, 3860135.12	0.05463	0.48215	0.01345	0.05055	2.33E-04	0.00E+00	1.14E-06	4.35E-06	2.38E-04	1.10E-04	1.52E-02	8.58E-05	1.60E-04	1.55E-02	1.04E-04	0.00E+00	1.14E-06	4.35E-06	1.10E-04
685	490436.72, 3860135.12	0.05421	0.47043	0.01355	0.04932	2.31E-04	0.00E+00	1.15E-06	4.25E-06	2.36E-04	1.09E-04	1.48E-02	8.64E-05	1.56E-04	1.52E-02	1.04E-04	0.00E+00	1.15E-06	4.25E-06	1.09E-04
686	490486.72, 3860135.12	0.0538	0.45913	0.01365	0.04809	2.29E-04	0.00E+00	1.16E-06	4.14E-06	2.34E-04	1.08E-04	1.45E-02	8.71E-05	1.52E-04	1.48E-02	1.03E-04	0.00E+00	1.16E-06	4.14E-06	1.08E-04
687	490536.72, 3860135.12	0.05342	0.44826	0.01374	0.04694	2.27E-04	0.00E+00	1.17E-06	4.04E-06	2.33E-04	1.07E-04	1.41E-02	8.76E-05	1.48E-04	1.45E-02	1.02E-04	0.00E+00	1.17E-06	4.04E-06	1.07E-04
688	490586.72, 3860135.12	0.053	0.43784	0.01379	0.04583	2.26E-04	0.00E+00	1.17E-06	3.95E-06	2.31E-04	1.06E-04	1.38E-02	8.80E-05	1.45E-04	1.41E-02	1.01E-04	0.00E+00	1.17E-06	3.95E-06	1.06E-04
689	490636.72, 3860135.12	0.05258	0.4278	0.01383	0.04479	2.24E-04	0.00E+00	1.18E-06	3.86E-06	2.29E-04	1.06E-04	1.35E-02	8.82E-05	1.41E-04	1.38E-02	1.00E-04	0.00E+00	1.18E-06	3.86E-06	1.05E-04
690	490686.72, 3860135.12	0.05216	0.41813	0.01384	0.04378	2.22E-04	0.00E+00	1.18E-06	3.77E-06	2.27E-04	1.05E-04	1.32E-02	8.83E-05	1.38E-04	1.35E-02	9.96E-05	0.00E+00	1.18E-06	3.77E-06	1.05E-04
691	490736.72, 3860135.12	0.05181	0.40892	0.01387	0.04286	2.21E-04	0.00E+00	1.18E-06	3.69E-06	2.26E-04	1.04E-04	1.29E-02	8.85E-05	1.35E-04	1.32E-02	9.90E-05	0.00E+00	1.18E-06	3.69E-06	1.04E-04
692	490786.72, 3860135.12	0.05155	0.40005	0.01392	0.04201	2.20E-04	0.00E+00	1.18E-06	3.62E-06	2.24E-04	1.04E-04	1.26E-02	8.88E-05	1.33E-04	1.29E-02	9.85E-05	0.00E+00	1.18E-06	3.62E-06	1.03E-04
693	490836.72, 3860135.12	0.0512	0.39149	0.01393	0.04115	2.18E-04	0.00E+00	1.18E-06	3.54E-06	2.23E-04	1.03E-04	1.23E-02	8.89E-05	1.30E-04	1.27E-02	9.78E-05	0.00E+00	1.18E-06	3.54E-06	1.03E-04
694	490086.72, 3860185.12	0.05417	0.5636	0.01215	0.05654	2.31E-04	0.00E+00	1.03E-06	4.87E-06	2.37E-04	1.09E-04	1.78E-02	7.75E-05	1.79E-04	1.81E-02	1.03E-04	0.00E+00	1.03E-06	4.87E-06	1.09E-04
695	490136.72, 3860185.12	0.05436	0.54676	0.01229	0.05477	2.32E-04	0.00E+00	1.05E-06	4.72E-06	2.37E-04	1.09E-04	1.72E-02	7.84E-05	1.73E-04	1.76E-02	1.04E-04	0.00E+00	1.05E-06	4.72E-06	1.10E-04
696	490186.72, 3860185.12	0.05442	0.53102	0.01244	0.05317	2.32E-04	0.00E+00	1.06E-06	4.58E-06	2.37E-04	1.09E-04	1.67E-02	7.93E-05	1.68E-04	1.71E-02	1.04E-04	0.00E+00	1.06E-06	4.58E-06	1.10E-04
697	490236.72, 3860185.12	0.05435	0.51634	0.01257	0.05173	2.31E-04	0.00E+00	1.07E-06	4.45E-06	2.37E-04	1.09E-04	1.63E-02	8.02E-05	1.63E-04	1.66E-02	1.04E-04	0.00E+00	1.07E-06	4.45E-06	1.09E-04
698	490286.72, 3860185.12	0.05421	0.5024	0.01272	0.05037	2.31E-04	0.00E+00	1.08E-06	4.34E-06	2.36E-04	1.09E-04	1.58E-02	8.11E-05	1.59E-04	1.62E-02	1.04E-04	0.00E+00	1.08E-06	4.34E-06	1.09E-04
699	490336.72, 3860185.12	0.054	0.48916	0.01287	0.0491	2.30E-04	0.00E+00	1.09E-06	4.23E-06	2.35E-04	1.08E-04	1.54E-02	8.21E-05	1.55E-04	1.58E-02	1.03E-04	0.00E+00	1.09E-06	4.23E-06	1.08E-04
700	490386.72, 3860185.12	0.05374	0.47655	0.01301	0.0479	2.29E-04	0.00E+00	1.11E-06	4.12E-06	2.34E-04	1.08E-04	1.50E-02	8.30E-05	1.51E-04	1.54E-02	1.03E-04	0.00E+00	1.11E-06	4.12E-06	1.08E-04
701	490436.72, 3860185.12	0.05341	0.46453	0.01314	0.04673	2.27E-04	0.00E+00	1.12E-06	4.02E-06	2.33E-04	1.07E-04	1.46E-02	8.38E-05	1.48E-04	1.50E-02	1.02E-04	0.00E+00	1.12E-06	4.02E-06	1.07E-04
702	490486.72, 3860185.12	0.05303	0.45303	0.01325	0.04559	2.26E-04	0.00E+00	1.13E-06	3.93E-06	2.31E-04	1.07E-04	1.43E-02	8.45E-05	1.44E-04	1.46E-02	1.01E-04	0.00E+00	1.13E-06	3.93E-06	1.06E-04
703	490536.72, 3860185.12	0.05266	0.44199	0.01335	0.04452	2.24E-04	0.00E+00	1.14E-06	3.83E-06	2.29E-04	1.06E-04	1.39E-02	8.52E-05	1.41E-04	1.43E-02	1.01E-04	0.00E+00	1.14E-06	3.83E-06	1.06E-04
704	490586.72, 3860185.12	0.05231	0.4315	0.01344	0.04352	2.23E-04	0.00E+00	1.14E-06	3.75E-06	2.28E-04	1.05E-04	1.36E-02	8.57E-05	1.37E-04	1.39E-02	9.99E-05	0.00E+00	1.14E-06	3.75E-06	1.05E-04

705	490636.72, 3860185.12	0.05187	0.42131	0.01347	0.04252	2.21E-04	0.00E+00	1.15E-06	3.66E-06	2.26E-04	1.04E-04	1.33E-02	8.59E-05	1.34E-04	1.36E-02	9.91E-05	0.00E+00	1.15E-06	3.66E-06	1.04E-04
706	490686.72, 3860185.12	0.05148	0.41168	0.01351	0.04162	2.19E-04	0.00E+00	1.15E-06	3.58E-06	2.24E-04	1.03E-04	1.30E-02	8.62E-05	1.31E-04	1.33E-02	9.83E-05	0.00E+00	1.15E-06	3.58E-06	1.03E-04
707	490736.72, 3860185.12	0.05104	0.40229	0.01351	0.04067	2.17E-04	0.00E+00	1.15E-06	3.50E-06	2.22E-04	1.03E-04	1.27E-02	8.62E-05	1.28E-04	1.30E-02	9.75E-05	0.00E+00	1.15E-06	3.50E-06	1.02E-04
708	490786.72, 3860185.12	0.05069	0.39347	0.01353	0.03987	2.16E-04	0.00E+00	1.15E-06	3.43E-06	2.20E-04	1.02E-04	1.24E-02	8.63E-05	1.26E-04	1.27E-02	9.68E-05	0.00E+00	1.15E-06	3.43E-06	1.01E-04
709	490836.72, 3860185.12	0.05035	0.38499	0.01354	0.03911	2.14E-04	0.00E+00	1.15E-06	3.37E-06	2.19E-04	1.01E-04	1.21E-02	8.64E-05	1.23E-04	1.24E-02	9.62E-05	0.00E+00	1.15E-06	3.37E-06	1.01E-04
710	490086.72, 3860235.12	0.05284	0.55917	0.01185	0.05316	2.25E-04	0.00E+00	1.01E-06	4.58E-06	2.31E-04	1.06E-04	1.76E-02	7.56E-05	1.68E-04	1.80E-02	1.01E-04	0.00E+00	1.01E-06	4.58E-06	1.07E-04
711	490136.72, 3860235.12	0.05304	0.54168	0.01195	0.05157	2.26E-04	0.00E+00	1.02E-06	4.44E-06	2.31E-04	1.07E-04	1.71E-02	7.62E-05	1.63E-04	1.74E-02	1.01E-04	0.00E+00	1.02E-06	4.44E-06	1.07E-04
712	490186.72, 3860235.12	0.05318	0.52529	0.01207	0.05009	2.26E-04	0.00E+00	1.03E-06	4.31E-06	2.32E-04	1.07E-04	1.65E-02	7.70E-05	1.58E-04	1.69E-02	1.02E-04	0.00E+00	1.03E-06	4.31E-06	1.07E-04
713	490236.72, 3860235.12	0.0532	0.51002	0.01219	0.04873	2.27E-04	0.00E+00	1.04E-06	4.20E-06	2.32E-04	1.07E-04	1.61E-02	7.78E-05	1.54E-04	1.64E-02	1.02E-04	0.00E+00	1.04E-06	4.20E-06	1.07E-04
714	490286.72, 3860235.12	0.05314	0.49567	0.01232	0.04749	2.26E-04	0.00E+00	1.05E-06	4.09E-06	2.31E-04	1.07E-04	1.56E-02	7.86E-05	1.50E-04	1.59E-02	1.01E-04	0.00E+00	1.05E-06	4.09E-06	1.07E-04
715	490336.72, 3860235.12	0.05302	0.48211	0.01246	0.04631	2.26E-04	0.00E+00	1.06E-06	3.99E-06	2.31E-04	1.06E-04	1.52E-02	7.95E-05	1.46E-04	1.55E-02	1.01E-04	0.00E+00	1.06E-06	3.99E-06	1.06E-04
716	490386.72, 3860235.12	0.05283	0.46927	0.0126	0.0452	2.25E-04	0.00E+00	1.07E-06	3.89E-06	2.30E-04	1.06E-04	1.48E-02	8.04E-05	1.43E-04	1.51E-02	1.01E-04	0.00E+00	1.07E-06	3.89E-06	1.06E-04
717	490436.72, 3860235.12	0.05259	0.45708	0.01274	0.04411	2.24E-04	0.00E+00	1.08E-06	3.80E-06	2.29E-04	1.06E-04	1.44E-02	8.13E-05	1.39E-04	1.47E-02	1.00E-04	0.00E+00	1.08E-06	3.80E-06	1.05E-04
718	490486.72, 3860235.12	0.05227	0.44547	0.01286	0.04307	2.23E-04	0.00E+00	1.09E-06	3.71E-06	2.27E-04	1.05E-04	1.40E-02	8.20E-05	1.36E-04	1.44E-02	9.98E-05	0.00E+00	1.09E-06	3.71E-06	1.05E-04
719	490536.72, 3860235.12	0.05194	0.43435	0.01297	0.04208	2.21E-04	0.00E+00	1.10E-06	3.62E-06	2.26E-04	1.04E-04	1.37E-02	8.27E-05	1.33E-04	1.40E-02	9.92E-05	0.00E+00	1.10E-06	3.62E-06	1.04E-04
720	490586.72, 3860235.12	0.05159	0.42379	0.01307	0.04115	2.20E-04	0.00E+00	1.11E-06	3.54E-06	2.24E-04	1.04E-04	1.33E-02	8.34E-05	1.30E-04	1.37E-02	9.85E-05	0.00E+00	1.11E-06	3.54E-06	1.03E-04
721	490636.72, 3860235.12	0.0512	0.4137	0.01314	0.04025	2.18E-04	0.00E+00	1.12E-06	3.47E-06	2.23E-04	1.03E-04	1.30E-02	8.38E-05	1.27E-04	1.33E-02	9.78E-05	0.00E+00	1.12E-06	3.47E-06	1.02E-04
722	490686.72, 3860235.12	0.05081	0.40407	0.01318	0.03939	2.16E-04	0.00E+00	1.12E-06	3.39E-06	2.21E-04	1.02E-04	1.27E-02	8.41E-05	1.24E-04	1.30E-02	9.70E-05	0.00E+00	1.12E-06	3.39E-06	1.02E-04
723	490736.72, 3860235.12	0.0504	0.39481	0.0132	0.03854	2.15E-04	0.00E+00	1.12E-06	3.32E-06	2.19E-04	1.01E-04	1.24E-02	8.42E-05	1.22E-04	1.27E-02	9.63E-05	0.00E+00	1.12E-06	3.32E-06	1.01E-04
724	490786.72, 3860235.12	0.04999	0.38592	0.01321	0.03773	2.13E-04	0.00E+00	1.12E-06	3.25E-06	2.17E-04	1.00E-04	1.22E-02	8.43E-05	1.19E-04	1.25E-02	9.55E-05	0.00E+00	1.12E-06	3.25E-06	9.99E-05
725	490086.72, 3860285.12	0.05146	0.55171	0.01158	0.04974	2.19E-04	0.00E+00	9.85E-07	4.28E-06	2.24E-04	1.03E-04	1.74E-02	7.39E-05	1.57E-04	1.77E-02	9.83E-05	0.00E+00	9.85E-07	4.28E-06	1.04E-04
726	490136.72, 3860285.12	0.05172	0.53366	0.01166	0.04831	2.20E-04	0.00E+00	9.92E-07	4.16E-06	2.25E-04	1.04E-04	1.68E-02	7.44E-05	1.53E-04	1.71E-02	9.88E-05	0.00E+00	9.92E-07	4.16E-06	1.04E-04
727	490186.72, 3860285.12	0.05188	0.51694	0.01174	0.047	2.21E-04	0.00E+00	9.98E-07	4.05E-06	2.26E-04	1.04E-04	1.63E-02	7.49E-05	1.48E-04	1.66E-02	9.91E-05	0.00E+00	9.98E-07	4.05E-06	1.04E-04
728	490236.72, 3860285.12	0.05202	0.50128	0.01185	0.04575	2.22E-04	0.00E+00	1.01E-06	3.94E-06	2.26E-04	1.04E-04	1.58E-02	7.56E-05	1.44E-04	1.61E-02	9.94E-05	0.00E+00	1.01E-06	3.94E-06	1.04E-04
729	490286.72, 3860285.12	0.05202	0.48674	0.01195	0.04463	2.22E-04	0.00E+00	1.02E-06	3.84E-06	2.26E-04	1.04E-04	1.53E-02	7.62E-05	1.41E-04	1.57E-02	9.94E-05	0.00E+00	1.02E-06	3.84E-06	1.04E-04
730	490336.72, 3860285.12	0.05197	0.47305	0.01207	0.04356	2.21E-04	0.00E+00	1.03E-06	3.75E-06	2.26E-04	1.04E-04	1.49E-02	7.70E-05	1.38E-04	1.52E-02	9.93E-05	0.00E+00	1.03E-06	3.75E-06	1.04E-04
731	490386.72, 3860285.12	0.05188	0.46012	0.01222	0.04253	2.21E-04	0.00E+00	1.04E-06	3.66E-06	2.26E-04	1.04E-04	1.45E-02	7.79E-05	1.34E-04	1.48E-02	9.91E-05	0.00E+00	1.04E-06	3.66E-06	1.04E-04
732	490436.72, 3860285.12	0.0517	0.44792	0.01235	0.04153	2.20E-04	0.00E+00	1.05E-06	3.58E-06	2.25E-04	1.04E-04	1.41E-02	7.88E-05	1.31E-04	1.44E-02	9.87E-05	0.00E+00	1.05E-06	3.58E-06	1.03E-04
733	490486.72, 3860285.12	0.05147	0.4363	0.01248	0.04059	2.19E-04	0.00E+00	1.06E-06	3.50E-06	2.24E-04	1.03E-04	1.37E-02	7.96E-05	1.28E-04	1.41E-02	9.83E-05	0.00E+00	1.06E-06	3.50E-06	1.03E-04
734	490536.72, 3860285.12	0.05116	0.42518	0.01259	0.03966	2.18E-04	0.00E+00	1.07E-06	3.42E-06	2.22E-04	1.03E-04	1.34E-02	8.03E-05	1.25E-04	1.37E-02	9.77E-05	0.00E+00	1.07E-06	3.42E-06	1.02E-04
735	490586.72, 3860285.12	0.05083	0.41463	0.01269	0.03876	2.16E-04	0.00E+00	1.08E-06	3.34E-06	2.21E-04	1.02E-04	1.31E-02	8.09E-05	1.22E-04	1.34E-02	9.71E-05	0.00E+00	1.08E-06	3.34E-06	1.01E-04
736	490636.72, 3860285.12	0.05049	0.40467	0.01278	0.03792	2.15E-04	0.00E+00	1.09E-06	3.27E-06	2.19E-04	1.01E-04	1.27E-02	8.15E-05	1.20E-04	1.30E-02	9.64E-05	0.00E+00	1.09E-06	3.27E-06	1.01E-04
737	490686.72, 3860285.12	0.05014	0.39523	0.01286	0.03716	2.14E-04	0.00E+00	1.09E-06	3.20E-06	2.18E-04	1.01E-04	1.24E-02	8.20E-05	1.17E-04	1.27E-02	9.58E-05	0.00E+00	1.09E-06	3.20E-06	1.00E-04
738	490736.72, 3860285.12	0.04976	0.38614	0.0129	0.03641	2.12E-04	0.00E+00	1.10E-06	3.14E-06	2.16E-04	9.99E-05	1.22E-02	8.23E-05	1.15E-04	1.25E-02	9.50E-05	0.00E+00	1.10E-06	3.14E-06	9.93E-05
739	490786.72, 3860285.12	0.04938	0.37751	0.01292	0.03571	2.10E-04	0.00E+00	1.10E-06	3.07E-06	2.14E-04	9.92E-05	1.19E-02	8.24E-05	1.13E-04	1.22E-02	9.43E-05	0.00E+00	1.10E-06	3.07E-06	9.85E-05
740	490086.72, 3860335.12	0.05009	0.54061	0.01134	0.04624	2.13E-04	0.00E+00	9.64E-07	3.98E-06	2.18E-04	1.01E-04	1.70E-02	7.23E-05	1.46E-04	1.73E-02	9.57E-05	0.00E+00	9.64E-07	3.98E-06	1.01E-04
741	490136.72, 3860335.12	0.05039	0.52237	0.0114	0.04499	2.15E-04	0.00E+00	9.70E-07	3.87E-06	2.19E-04	1.01E-04	1.65E-02	7.27E-05	1.42E-04	1.68E-02	9.62E-05	0.00E+00	9.70E-07	3.87E-06	1.01E-04
742	490186.72, 3860335.12	0.0506	0.50558	0.01146	0.04386	2.15E-04	0.00E+00	9.75E-07	3.78E-06	2.20E-04	1.02E-04	1.59E-02	7.31E-05	1.38E-04	1.62E-02	9.66E-05	0.00E+00	9.75E-07	3.78E-06	1.01E-04
743	490236.72, 3860335.12	0.0508	0.48989	0.01155	0.04276	2.16E-04	0.00E+00	9.82E-07	3.68E-06	2.21E-04	1.02E-04	1.54E-02	7.37E-05	1.35E-04	1.57E-02	9.70E-05	0.00E+00	9.82E-07	3.68E-06	1.02E-04
744	490286.72, 3860335.12	0.05088	0.47538	0.01163	0.04177	2.17E-04	0.00E+00	9.89E-07	3.60E-06	2.21E-04	1.02E-04	1.50E-02	7.42E-05	1.32E-04	1.53E-02	9.72E-05	0.00E+00	9.89E-07	3.60E-06	1.02E-04
745	490336.72, 3860335.12	0.05089	0.46179	0.01173	0.04082	2.17E-04	0.00E+00	9.98E-07	3.52E-06	2.21E-04	1.02E-04	1.45E-02	7.48E-05	1.29E-04	1.49E-02	9.72E-05	0.00E+00	9.98E-07	3.52E-06	1.02E-04
746	490386.72, 3860335.12	0.05086	0.44899	0.01185	0.03989	2.17E-04	0.00E+00	1.01E-06	3.43E-06	2.21E-04	1.02E-04	1.41E-02	7.56E-05	1.26E-04	1.44E-02	9.71E-05	0.00E+00	1.01E-06	3.43E-06	1.02E-04
747	490436.72, 3860335.12	0.05076	0.43691	0.01197	0.03901	2.16E-04	0.00E+00	1.02E-06	3.36E-06	2.21E-04	1.02E-04	1.38E-02	7.64E-05	1.23E-04	1.41E-02	9.69E-05	0.00E+00	1.02E-06	3.36E-06	1.01E-04
748	490486.72, 3860335.12	0.05059	0.42542	0.0121	0.03816	2.15E-04	0.00E+00	1.03E-06	3.29E-06	2.20E-04	1.02E-04	1.34E-02	7.72E-05	1.20E-04	1.37E-02	9.66E-05	0.00E+00	1.03E-06	3.29E-06	1.01E-04
749	490536.72, 3860335.12	0.05039	0.41461	0.01223	0.03734	2.15E-04	0.00E+00	1.04E-06	3.22E-06	2.19E-04	1.01E-04	1.31E-02	7.80E-05	1.18E-04	1.34E-02	9.62E-05	0.00E+00	1.04E-06	3.22E-06	1.00E-04
750	490586.72, 3860335.12	0.0501	0.40423	0.01234	0.0365	2.13E-04	0.00E+00	1.05E-06	3.14E-06	2.18E-04	1.01E-04	1.27E-02	7.87E-05	1.15E-04	1.30E-02	9.57E-05	0.00E+00	1.05E-06	3.14E-06	9.99E-05
751	490636.72, 3860335.12	0.0498	0.39447	0.01244	0.03573	2.12E-04	0.00E+00	1.06E-06	3.08E-06	2.16E-04	1.00E-04	1.24E-02	7.93E-05	1.13E-04	1.27E-02	9.51E-05	0.00E+00	1.06E-06	3.08E-06	9.93E-05
752	490686.72, 3860335.12	0.04947	0.3852	0.01253	0.03502	2.11E-04	0.00E+00	1.07E-06	3.02E-06	2.15E-04	9.94E-05	1.21E-02	7.99E-05	1.11E-04	1.24E-02	9.45E-05	0.00E+00	1.07E-06	3.02E-06	9.86E-05
753	490736.72, 3860335.12	0.04912	0.37639	0.01259	0.03435	2.09E-04	0.00E+00	1.07E-06	2.96E-06	2.13E-04	9.87E-05	1.19E-02	8.03E-05	1.08E-04	1.21E-02	9.38E-05	0.00E+00	1.07E-06	2.96E-06	9.78E-05
754	490786.72, 3860335.12	0.0488	0.36814	0.01265	0.03376	2.08E-04	0.00E+00	1.08E-06	2.91E-06	2.12E-04	9.80E-05	1.16E-02	8.07E-05	1.07E-04	1.19E-02	9.32E-05	0.00E+00	1.08E-06	2.91E-06	9.72E-05
755	490086.72, 3860385.12	0.04877	0.52565	0.01112	0.0427	2.08E-04	0.00E+00	9.46E-07	3.68E-06	2.12E-04	9.80E-05	1.66E-02	7.09E-05	1.35E-04	1.69E-02	9.31E-05	0.00E+00	9.46E-07	3.68E-06	9.78E-05
756	490136.72, 3860385.12	0.04909	0.50769	0.01118	0.04165	2.09E-04	0.00E+00	9.51E-07	3.59E-06	2.14E-04	9.86E-05	1.60E-02	7.13E-05	1.32E-04	1.63E-02	9.38E-05	0.00E+00	9.51E-07	3.59E-06	9.83E-05
757	490186.72, 3860385.12	0.0493	0.49121	0.01121	0.04069	2.10E-04	0.00E+00	9.53E-07	3.50E-06	2.14E-04	9.90E-05	1.55E-02	7.15E-05	1.28E-04	1.58E-02	9.42E-05	0.00E+00	9.53E-07	3.50E-06	9.86E-05
758	490236.72, 3860385.12	0.04953	0.47588	0.01127	0.03977	2.11E-04	0.00E+00	9.58E-07	3.42E-06	2.15E-04	9.95E-05	1.50E-02	7.19E-05	1.26E-04	1.53E-02	9.46E-05	0.00E+00	9.58E-07	3.42E-06	9.90E-05
759	490286.72, 3860385.12	0.04968	0.46165	0.01133	0.0389	2.12E-04	0.00E+00	9.64E-07	3.35E-06	2.16E-04	9.98E-05	1.45E-02	7.23E-05	1.23E-04	1.48E-02	9.49E-05	0.00E+00	9.64E-07	3.35E-06	9.92E-05
760	490336.72, 3860385.12	0.04977	0.44836	0.01142	0.03807	2.12E-04	0.00E+00	9.71E-07	3.28E-06	2.16E-04	1.00E-04	1.41E-02	7.28E-05	1.20E-04	1.44E-02	9.51E-05	0.00E+00	9.71E-07	3.28E-06	9.93E-05
761	490386.72, 3860385.12	0.04979	0.43586	0.01151	0.03728	2.12E-04	0.00E+00	9.79E-07	3.21E-06	2.16E-04	1.00E-04	1.37E-02	7.34E-05	1.18E-04	1.40E-02	9.51E-05	0.00E+00	9.79E-07	3.21E-06	9.93E-05
762	490436.72, 3860385.12	0.04977	0.42407	0.01162	0.03651	2.12E-04	0.00E+00	9.88E-07	3.14E-06	2.16E-04	1.00E-04	1.34E-02	7.41E-05	1.15E-04	1.36E-02	9.51E-05	0.00E+00	9.88E-07	3.14E-06	9.92E-05
763	490486.72, 3860385.12	0.0497	0.413	0.01175	0.03578	2.12E-04	0.00E+00	9.99E-07	3.08E-06	2.16E-04	9.98E-05	1.30E-02	7.49E-05	1.13E-04	1.33E-02	9.49E-05	0.00E+00	9.99E-07	3.08E-06	9.90E-05

764	490536.72, 3860385.12	0.04956	0.40251	0.01188	0.03504	2.11E-04	0.00E+00	1.01E-06	3.02E-06	2.15E-04	9.95E-05	1.27E-02	7.58E-05	1.11E-04	1.30E-02	9.47E-05	0.00E+00	1.01E-06	3.02E-06	9.87E-05
765	490586.72, 3860385.12	0.04935	0.39257	0.012	0.03433	2.10E-04	0.00E+00	1.02E-06	2.96E-06	2.14E-04	9.91E-05	1.24E-02	7.65E-05	1.08E-04	1.27E-02	9.43E-05	0.00E+00	1.02E-06	2.96E-06	9.82E-05
766	490636.72, 3860385.12	0.04909	0.38309	0.0121	0.03363	2.09E-04	0.00E+00	1.03E-06	2.90E-06	2.13E-04	9.86E-05	1.21E-02	7.72E-05	1.06E-04	1.23E-02	9.38E-05	0.00E+00	1.03E-06	2.90E-06	9.77E-05
767	490686.72, 3860385.12	0.04882	0.3742	0.0122	0.033	2.08E-04	0.00E+00	1.04E-06	2.84E-06	2.12E-04	9.81E-05	1.18E-02	7.78E-05	1.04E-04	1.21E-02	9.32E-05	0.00E+00	1.04E-06	2.84E-06	9.71E-05
768	490736.72, 3860385.12	0.04847	0.36561	0.01228	0.03237	2.06E-04	0.00E+00	1.04E-06	2.79E-06	2.10E-04	9.74E-05	1.15E-02	7.83E-05	1.02E-04	1.18E-02	9.26E-05	0.00E+00	1.04E-06	2.79E-06	9.64E-05
769	490786.72, 3860385.12	0.04813	0.35751	0.01233	0.03179	2.05E-04	0.00E+00	1.05E-06	2.74E-06	2.09E-04	9.67E-05	1.13E-02	7.86E-05	1.00E-04	1.15E-02	9.19E-05	0.00E+00	1.05E-06	2.74E-06	9.57E-05
770	490136.72, 3860435.12	0.04776	0.48984	0.01095	0.03842	2.03E-04	0.00E+00	9.31E-07	3.31E-06	2.08E-04	9.59E-05	1.54E-02	6.98E-05	1.21E-04	1.57E-02	9.12E-05	0.00E+00	9.31E-07	3.31E-06	9.55E-05
771	490186.72, 3860435.12	0.04804	0.47398	0.01099	0.03759	2.05E-04	0.00E+00	9.35E-07	3.24E-06	2.09E-04	9.65E-05	1.49E-02	7.01E-05	1.19E-04	1.52E-02	9.18E-05	0.00E+00	9.35E-07	3.24E-06	9.59E-05
772	490236.72, 3860435.12	0.04828	0.45931	0.01103	0.03681	2.06E-04	0.00E+00	9.38E-07	3.17E-06	2.10E-04	9.70E-05	1.45E-02	7.04E-05	1.16E-04	1.48E-02	9.22E-05	0.00E+00	9.38E-07	3.17E-06	9.63E-05
773	490286.72, 3860435.12	0.04847	0.44567	0.01107	0.03608	2.06E-04	0.00E+00	9.41E-07	3.11E-06	2.10E-04	9.74E-05	1.40E-02	7.06E-05	1.14E-04	1.43E-02	9.26E-05	0.00E+00	9.41E-07	3.11E-06	9.66E-05
774	490336.72, 3860435.12	0.04859	0.43284	0.01113	0.03537	2.07E-04	0.00E+00	9.47E-07	3.05E-06	2.11E-04	9.76E-05	1.36E-02	7.10E-05	1.12E-04	1.39E-02	9.28E-05	0.00E+00	9.47E-07	3.05E-06	9.68E-05
775	490386.72, 3860435.12	0.04869	0.42088	0.01121	0.03469	2.07E-04	0.00E+00	9.53E-07	2.99E-06	2.11E-04	9.78E-05	1.33E-02	7.15E-05	1.10E-04	1.35E-02	9.30E-05	0.00E+00	9.53E-07	2.99E-06	9.69E-05
776	490436.72, 3860435.12	0.04873	0.40963	0.0113	0.03402	2.08E-04	0.00E+00	9.61E-07	2.93E-06	2.11E-04	9.79E-05	1.29E-02	7.21E-05	1.07E-04	1.32E-02	9.31E-05	0.00E+00	9.61E-07	2.93E-06	9.70E-05
777	490486.72, 3860435.12	0.04872	0.39904	0.01141	0.03337	2.07E-04	0.00E+00	9.70E-07	2.87E-06	2.11E-04	9.79E-05	1.26E-02	7.28E-05	1.05E-04	1.28E-02	9.31E-05	0.00E+00	9.70E-07	2.87E-06	9.69E-05
778	490536.72, 3860435.12	0.04866	0.38909	0.01153	0.03276	2.07E-04	0.00E+00	9.81E-07	2.82E-06	2.11E-04	9.77E-05	1.23E-02	7.35E-05	1.03E-04	1.25E-02	9.29E-05	0.00E+00	9.81E-07	2.82E-06	9.67E-05
779	490586.72, 3860435.12	0.04851	0.3796	0.01165	0.03214	2.07E-04	0.00E+00	9.91E-07	2.77E-06	2.10E-04	9.74E-05	1.20E-02	7.43E-05	1.01E-04	1.22E-02	9.27E-05	0.00E+00	9.91E-07	2.77E-06	9.64E-05
780	490636.72, 3860435.12	0.04831	0.37058	0.01176	0.03154	2.06E-04	0.00E+00	1.00E-06	2.72E-06	2.09E-04	9.70E-05	1.17E-02	7.50E-05	9.96E-05	1.19E-02	9.23E-05	0.00E+00	1.00E-06	2.72E-06	9.60E-05
781	490686.72, 3860435.12	0.04809	0.36209	0.01187	0.031	2.05E-04	0.00E+00	1.01E-06	2.67E-06	2.08E-04	9.66E-05	1.14E-02	7.57E-05	9.79E-05	1.17E-02	9.18E-05	0.00E+00	1.01E-06	2.67E-06	9.55E-05
782	490736.72, 3860435.12	0.04784	0.35411	0.01197	0.03049	2.04E-04	0.00E+00	1.02E-06	2.63E-06	2.07E-04	9.61E-05	1.12E-02	7.64E-05	9.63E-05	1.14E-02	9.14E-05	0.00E+00	1.02E-06	2.63E-06	9.50E-05
783	490786.72, 3860435.12	0.04752	0.34633	0.01204	0.02997	2.02E-04	0.00E+00	1.02E-06	2.58E-06	2.06E-04	9.54E-05	1.09E-02	7.68E-05	9.46E-05	1.12E-02	9.08E-05	0.00E+00	1.02E-06	2.58E-06	9.44E-05
784	490136.72, 3860485.12	0.04656	0.46918	0.01078	0.03537	1.98E-04	0.00E+00	9.17E-07	3.05E-06	2.02E-04	9.35E-05	1.48E-02	6.88E-05	1.12E-04	1.51E-02	8.89E-05	0.00E+00	9.17E-07	3.05E-06	9.29E-05
785	490186.72, 3860485.12	0.04681	0.45437	0.0108	0.03467	1.99E-04	0.00E+00	9.19E-07	2.99E-06	2.03E-04	9.40E-05	1.43E-02	6.89E-05	1.09E-04	1.46E-02	8.94E-05	0.00E+00	9.19E-07	2.99E-06	9.33E-05
786	490236.72, 3860485.12	0.04703	0.44054	0.01081	0.03402	2.00E-04	0.00E+00	9.19E-07	2.93E-06	2.04E-04	9.45E-05	1.39E-02	6.90E-05	1.07E-04	1.41E-02	8.98E-05	0.00E+00	9.19E-07	2.93E-06	9.37E-05
787	490286.72, 3860485.12	0.04727	0.42776	0.01085	0.03339	2.01E-04	0.00E+00	9.23E-07	2.88E-06	2.05E-04	9.49E-05	1.35E-02	6.92E-05	1.05E-04	1.37E-02	9.03E-05	0.00E+00	9.23E-07	2.88E-06	9.41E-05
788	490336.72, 3860485.12	0.04743	0.41571	0.01088	0.03277	2.02E-04	0.00E+00	9.25E-07	2.82E-06	2.06E-04	9.53E-05	1.31E-02	6.94E-05	1.03E-04	1.34E-02	9.06E-05	0.00E+00	9.25E-07	2.82E-06	9.43E-05
789	490386.72, 3860485.12	0.04759	0.40452	0.01094	0.03219	2.03E-04	0.00E+00	9.30E-07	2.77E-06	2.06E-04	9.56E-05	1.27E-02	6.98E-05	1.02E-04	1.30E-02	9.09E-05	0.00E+00	9.30E-07	2.77E-06	9.46E-05
790	490436.72, 3860485.12	0.04773	0.3941	0.01103	0.03167	2.03E-04	0.00E+00	9.38E-07	2.73E-06	2.07E-04	9.59E-05	1.24E-02	7.04E-05	1.00E-04	1.27E-02	9.12E-05	0.00E+00	9.38E-07	2.73E-06	9.48E-05
791	490486.72, 3860485.12	0.04775	0.3841	0.01111	0.03108	2.03E-04	0.00E+00	9.45E-07	2.68E-06	2.07E-04	9.59E-05	1.21E-02	7.09E-05	9.81E-05	1.24E-02	9.12E-05	0.00E+00	9.45E-07	2.68E-06	9.48E-05
792	490536.72, 3860485.12	0.04771	0.37462	0.0112	0.03052	2.03E-04	0.00E+00	9.53E-07	2.63E-06	2.07E-04	9.58E-05	1.18E-02	7.14E-05	9.64E-05	1.21E-02	9.11E-05	0.00E+00	9.53E-07	2.63E-06	9.47E-05
793	490586.72, 3860485.12	0.04763	0.36567	0.01131	0.02999	2.03E-04	0.00E+00	9.62E-07	2.58E-06	2.06E-04	9.57E-05	1.15E-02	7.21E-05	9.47E-05	1.18E-02	9.10E-05	0.00E+00	9.62E-07	2.58E-06	9.45E-05
794	490636.72, 3860485.12	0.04752	0.35732	0.01143	0.02952	2.02E-04	0.00E+00	9.72E-07	2.54E-06	2.06E-04	9.54E-05	1.13E-02	7.29E-05	9.32E-05	1.15E-02	9.08E-05	0.00E+00	9.72E-07	2.54E-06	9.43E-05
795	490686.72, 3860485.12	0.04732	0.34922	0.01153	0.02903	2.02E-04	0.00E+00	9.81E-07	2.50E-06	2.05E-04	9.50E-05	1.10E-02	7.35E-05	9.17E-05	1.13E-02	9.04E-05	0.00E+00	9.81E-07	2.50E-06	9.39E-05
796	490736.72, 3860485.12	0.04712	0.34169	0.01164	0.02859	2.01E-04	0.00E+00	9.90E-07	2.46E-06	2.04E-04	9.46E-05	1.08E-02	7.42E-05	9.03E-05	1.10E-02	9.00E-05	0.00E+00	9.90E-07	2.46E-06	9.34E-05
797	490786.72, 3860485.12	0.04687	0.33447	0.01174	0.02817	2.00E-04	0.00E+00	9.98E-07	2.43E-06	2.03E-04	9.41E-05	1.05E-02	7.49E-05	8.89E-05	1.08E-02	8.95E-05	0.00E+00	9.98E-07	2.43E-06	9.29E-05
798	490136.72, 3860535.12	0.04537	0.44639	0.0106	0.03257	1.93E-04	0.00E+00	9.01E-07	2.80E-06	1.97E-04	9.11E-05	1.41E-02	6.76E-05	1.03E-04	1.43E-02	8.67E-05	0.00E+00	9.01E-07	2.80E-06	9.04E-05
799	490186.72, 3860535.12	0.04571	0.433	0.01065	0.03198	1.95E-04	0.00E+00	9.06E-07	2.75E-06	1.98E-04	9.18E-05	1.36E-02	6.79E-05	1.01E-04	1.39E-02	8.73E-05	0.00E+00	9.06E-07	2.75E-06	9.10E-05
800	490236.72, 3860535.12	0.04584	0.42026	0.01063	0.03142	1.95E-04	0.00E+00	9.04E-07	2.71E-06	1.99E-04	9.21E-05	1.32E-02	6.78E-05	9.92E-05	1.35E-02	8.76E-05	0.00E+00	9.04E-07	2.71E-06	9.12E-05
801	490286.72, 3860535.12	0.04605	0.40841	0.01064	0.03085	1.96E-04	0.00E+00	9.05E-07	2.66E-06	2.00E-04	9.25E-05	1.29E-02	6.79E-05	9.74E-05	1.31E-02	8.80E-05	0.00E+00	9.05E-07	2.66E-06	9.15E-05
802	490336.72, 3860535.12	0.04627	0.39744	0.01067	0.03034	1.97E-04	0.00E+00	9.07E-07	2.61E-06	2.01E-04	9.29E-05	1.25E-02	6.81E-05	9.58E-05	1.28E-02	8.84E-05	0.00E+00	9.07E-07	2.61E-06	9.19E-05
803	490386.72, 3860535.12	0.04649	0.38723	0.01072	0.02987	1.98E-04	0.00E+00	9.12E-07	2.57E-06	2.01E-04	9.34E-05	1.22E-02	6.84E-05	9.43E-05	1.25E-02	8.88E-05	0.00E+00	9.12E-07	2.57E-06	9.23E-05
804	490436.72, 3860535.12	0.04667	0.3776	0.01078	0.02941	1.99E-04	0.00E+00	9.17E-07	2.53E-06	2.02E-04	9.37E-05	1.19E-02	6.88E-05	9.29E-05	1.21E-02	8.91E-05	0.00E+00	9.17E-07	2.53E-06	9.26E-05
805	490486.72, 3860535.12	0.04678	0.36846	0.01085	0.02895	1.99E-04	0.00E+00	9.23E-07	2.49E-06	2.03E-04	9.40E-05	1.16E-02	6.92E-05	9.14E-05	1.19E-02	8.93E-05	0.00E+00	9.23E-07	2.49E-06	9.28E-05
806	490536.72, 3860535.12	0.04694	0.36011	0.01098	0.02861	2.00E-04	0.00E+00	9.34E-07	2.46E-06	2.03E-04	9.43E-05	1.13E-02	7.00E-05	9.03E-05	1.16E-02	8.97E-05	0.00E+00	9.34E-07	2.46E-06	9.31E-05
807	490586.72, 3860535.12	0.04676	0.35134	0.01102	0.028	1.99E-04	0.00E+00	9.37E-07	2.41E-06	2.02E-04	9.39E-05	1.11E-02	7.03E-05	8.84E-05	1.13E-02	8.93E-05	0.00E+00	9.37E-07	2.41E-06	9.27E-05
808	490636.72, 3860535.12	0.04667	0.34343	0.01111	0.02756	1.99E-04	0.00E+00	9.45E-07	2.37E-06	2.02E-04	9.37E-05	1.08E-02	7.09E-05	8.70E-05	1.11E-02	8.91E-05	0.00E+00	9.45E-07	2.37E-06	9.25E-05
809	490686.72, 3860535.12	0.04656	0.33602	0.01122	0.02716	1.98E-04	0.00E+00	9.54E-07	2.34E-06	2.02E-04	9.35E-05	1.06E-02	7.16E-05	8.58E-05	1.08E-02	8.89E-05	0.00E+00	9.54E-07	2.34E-06	9.22E-05
810	490736.72, 3860535.12	0.04638	0.32885	0.01132	0.02676	1.98E-04	0.00E+00	9.63E-07	2.30E-06	2.01E-04	9.32E-05	1.04E-02	7.22E-05	8.45E-05	1.06E-02	8.86E-05	0.00E+00	9.63E-07	2.30E-06	9.19E-05
811	490786.72, 3860535.12	0.04619	0.32219	0.01143	0.02641	1.97E-04	0.00E+00	9.72E-07	2.27E-06	2.00E-04	9.28E-05	1.01E-02	7.29E-05	8.34E-05	1.04E-02	8.82E-05	0.00E+00	9.72E-07	2.27E-06	9.15E-05
812	490136.72, 3860585.12	0.04433	0.42253	0.01046	0.03001	1.89E-04	0.00E+00	8.90E-07	2.58E-06	1.92E-04	8.90E-05	1.33E-02	6.67E-05	9.48E-05	1.36E-02	8.47E-05	0.00E+00	8.90E-07	2.58E-06	8.81E-05
813	490186.72, 3860585.12	0.04431	0.40961	0.0104	0.02935	1.89E-04	0.00E+00	8.84E-07	2.53E-06	1.92E-04	8.90E-05	1.29E-02	6.63E-05	9.27E-05	1.32E-02	8.46E-05	0.00E+00	8.84E-07	2.53E-06	8.80E-05
814	490236.72, 3860585.12	0.04462	0.39872	0.01044	0.02894	1.90E-04	0.00E+00	8.88E-07	2.49E-06	1.93E-04	8.96E-05	1.26E-02	6.66E-05	9.14E-05	1.28E-02	8.52E-05	0.00E+00	8.88E-07	2.49E-06	8.86E-05
815	490286.72, 3860585.12	0.04489	0.38835	0.01046	0.02852	1.91E-04	0.00E+00	8.90E-07	2.46E-06	1.95E-04	9.02E-05	1.22E-02	6.67E-05	9.00E-05	1.25E-02	8.57E-05	0.00E+00	8.90E-07	2.46E-06	8.91E-05
816	490336.72, 3860585.12	0.04511	0.37841	0.01047	0.02808	1.92E-04	0.00E+00	8.90E-07	2.42E-06	1.95E-04	9.06E-05	1.19E-02	6.68E-05	8.87E-05	1.22E-02	8.62E-05	0.00E+00	8.90E-07	2.42E-06	8.95E-05
817	490386.72, 3860585.12	0.04532	0.36904	0.0105	0.02765	1.93E-04	0.00E+00	8.93E-07	2.38E-06	1.96E-04	9.10E-05	1.16E-02	6.70E-05	8.73E-05	1.19E-02	8.66E-05	0.00E+00	8.93E-07	2.38E-06	8.98E-05
818	490436.72, 3860585.12	0.04565	0.3607	0.01058	0.02738	1.94E-04	0.00E+00	9.00E-07	2.36E-06	1.98E-04	9.17E-05	1.14E-02	6.75E-05	8.64E-05	1.16E-02	8.72E-05	0.00E+00	9.00E-07	2.36E-06	9.04E-05
819	490486.72, 3860585.12	0.04591	0.35262	0.01067	0.02704	1.96E-04	0.00E+00	9.07E-07	2.33E-06	1.99E-04	9.22E-05	1.11E-02	6.81E-05	8.54E-05	1.14E-02	8.77E-05	0.00E+00	9.07E-07	2.33E-06	9.09E-05
820	490536.72, 3860585.12	0.04596	0.34463	0.01072	0.02666	1.96E-04	0.00E+00	9.12E-07	2.30E-06	1.99E-04	9.23E-05	1.09E-02	6.84E-05	8.42E-05	1.11E-02	8.78E-05	0.00E+00	9.12E-07	2.30E-06	9.10E-05
821	490586.72, 3860585.12	0.04578	0.33632	0.01072	0.02607	1.95E-04	0.00E+00	9.12E-07	2.24E-06	1.98E-04	9.20E-05	1.06E-02	6.84E-05	8.23E-05	1.08E-02	8.74E-05	0.00E+00	9.12E-07	2.24E-06	9.06E-05
822	490636.72, 3860585.12	0.04579	0.32918	0.01082	0.02572	1.95E-04	0.00E+00	9.20E-07	2.21E-06	1.98E-04	9.20E-05	1.04E-02	6.90E-05	8.12E-05	1.06E-02	8.75E-05	0.00E+00	9.20E-07	2.21E-06	9.06E-05

823	490686.72, 3860585.12	0.04573	0.32233	0.01092	0.02537	1.95E-04	0.00E+00	9.29E-07	2.18E-06	1.98E-04	9.19E-05	1.02E-02	6.97E-05	8.01E-05	1.04E-02	8.73E-05	0.00E+00	9.29E-07	2.18E-06	9.05E-05
824	490736.72, 3860585.12	0.04562	0.31582	0.01102	0.02504	1.94E-04	0.00E+00	9.37E-07	2.16E-06	1.97E-04	9.16E-05	9.95E-03	7.03E-05	7.91E-05	1.02E-02	8.71E-05	0.00E+00	9.37E-07	2.16E-06	9.02E-05
825	490786.72, 3860585.12	0.04545	0.30952	0.01112	0.02471	1.94E-04	0.00E+00	9.46E-07	2.13E-06	1.97E-04	9.13E-05	9.75E-03	7.09E-05	7.80E-05	9.99E-03	8.68E-05	0.00E+00	9.46E-07	2.13E-06	8.99E-05
826	490136.72, 3860635.12	0.04343	0.39792	0.01036	0.02764	1.85E-04	0.00E+00	8.81E-07	2.38E-06	1.88E-04	8.72E-05	1.25E-02	6.61E-05	8.73E-05	1.28E-02	8.29E-05	0.00E+00	8.81E-07	2.38E-06	8.62E-05
827	490186.72, 3860635.12	0.04346	0.38749	0.01032	0.02724	1.85E-04	0.00E+00	8.78E-07	2.35E-06	1.88E-04	8.73E-05	1.22E-02	6.58E-05	8.60E-05	1.24E-02	8.30E-05	0.00E+00	8.78E-07	2.35E-06	8.62E-05
828	490236.72, 3860635.12	0.04351	0.37705	0.01028	0.02672	1.85E-04	0.00E+00	8.74E-07	2.30E-06	1.88E-04	8.74E-05	1.19E-02	6.56E-05	8.44E-05	1.21E-02	8.31E-05	0.00E+00	8.74E-07	2.30E-06	8.63E-05
829	490286.72, 3860635.12	0.04372	0.36766	0.01028	0.02632	1.86E-04	0.00E+00	8.74E-07	2.27E-06	1.89E-04	8.78E-05	1.16E-02	6.56E-05	8.31E-05	1.18E-02	8.35E-05	0.00E+00	8.74E-07	2.27E-06	8.66E-05
830	490336.72, 3860635.12	0.04397	0.35898	0.0103	0.02598	1.87E-04	0.00E+00	8.76E-07	2.24E-06	1.90E-04	8.83E-05	1.13E-02	6.57E-05	8.20E-05	1.15E-02	8.40E-05	0.00E+00	8.76E-07	2.24E-06	8.71E-05
831	490386.72, 3860635.12	0.04421	0.35072	0.01031	0.02564	1.88E-04	0.00E+00	8.77E-07	2.21E-06	1.91E-04	8.88E-05	1.10E-02	6.58E-05	8.10E-05	1.13E-02	8.44E-05	0.00E+00	8.77E-07	2.21E-06	8.75E-05
832	490436.72, 3860635.12	0.04441	0.34279	0.01033	0.02529	1.89E-04	0.00E+00	8.79E-07	2.18E-06	1.92E-04	8.92E-05	1.08E-02	6.59E-05	7.98E-05	1.10E-02	8.48E-05	0.00E+00	8.79E-07	2.18E-06	8.79E-05
833	490486.72, 3860635.12	0.0446	0.33537	0.01037	0.02498	1.90E-04	0.00E+00	8.82E-07	2.15E-06	1.93E-04	8.96E-05	1.06E-02	6.61E-05	7.89E-05	1.08E-02	8.52E-05	0.00E+00	8.82E-07	2.15E-06	8.82E-05
834	490536.72, 3860635.12	0.04482	0.3285	0.01044	0.02472	1.91E-04	0.00E+00	8.88E-07	2.13E-06	1.94E-04	9.00E-05	1.03E-02	6.66E-05	7.81E-05	1.06E-02	8.56E-05	0.00E+00	8.88E-07	2.13E-06	8.86E-05
835	490586.72, 3860635.12	0.04484	0.32138	0.01048	0.02434	1.91E-04	0.00E+00	8.91E-07	2.10E-06	1.94E-04	9.01E-05	1.01E-02	6.68E-05	7.69E-05	1.04E-02	8.56E-05	0.00E+00	8.91E-07	2.10E-06	8.86E-05
836	490636.72, 3860635.12	0.0449	0.31492	0.01056	0.02404	1.91E-04	0.00E+00	8.98E-07	2.07E-06	1.94E-04	9.02E-05	9.92E-03	6.74E-05	7.59E-05	1.02E-02	8.58E-05	0.00E+00	8.98E-07	2.07E-06	8.87E-05
837	490686.72, 3860635.12	0.0449	0.30866	0.01064	0.02374	1.91E-04	0.00E+00	9.05E-07	2.04E-06	1.94E-04	9.02E-05	9.72E-03	6.79E-05	7.50E-05	9.96E-03	8.58E-05	0.00E+00	9.05E-07	2.04E-06	8.87E-05
838	490736.72, 3860635.12	0.0448	0.30251	0.01072	0.02342	1.91E-04	0.00E+00	9.12E-07	2.02E-06	1.94E-04	9.00E-05	9.53E-03	6.84E-05	7.39E-05	9.76E-03	8.56E-05	0.00E+00	9.12E-07	2.02E-06	8.85E-05
839	490786.72, 3860635.12	0.04471	0.29684	0.01082	0.02315	1.90E-04	0.00E+00	9.20E-07	1.99E-06	1.93E-04	8.98E-05	9.35E-03	6.90E-05	7.31E-05	9.58E-03	8.54E-05	0.00E+00	9.20E-07	1.99E-06	8.83E-05
840	490136.72, 3860685.12	0.04233	0.3735	0.01016	0.0255	1.80E-04	0.00E+00	8.64E-07	2.20E-06	1.83E-04	8.50E-05	1.18E-02	6.48E-05	8.05E-05	1.20E-02	8.08E-05	0.00E+00	8.64E-07	2.20E-06	8.39E-05
841	490186.72, 3860685.12	0.04268	0.36441	0.01026	0.0251	1.82E-04	0.00E+00	8.73E-07	2.16E-06	1.85E-04	8.57E-05	1.15E-02	6.54E-05	7.93E-05	1.17E-02	8.15E-05	0.00E+00	8.73E-07	2.16E-06	8.46E-05
842	490236.72, 3860685.12	0.04264	0.35601	0.01019	0.02482	1.82E-04	0.00E+00	8.67E-07	2.14E-06	1.85E-04	8.56E-05	1.12E-02	6.50E-05	7.84E-05	1.14E-02	8.14E-05	0.00E+00	8.67E-07	2.14E-06	8.44E-05
843	490286.72, 3860685.12	0.04258	0.34684	0.01011	0.02428	1.81E-04	0.00E+00	8.60E-07	2.09E-06	1.84E-04	8.55E-05	1.09E-02	6.45E-05	7.67E-05	1.12E-02	8.13E-05	0.00E+00	8.60E-07	2.09E-06	8.43E-05
844	490336.72, 3860685.12	0.04288	0.33956	0.01014	0.02404	1.83E-04	0.00E+00	8.62E-07	2.07E-06	1.86E-04	8.61E-05	1.07E-02	6.47E-05	7.59E-05	1.09E-02	8.19E-05	0.00E+00	8.62E-07	2.07E-06	8.48E-05
845	490386.72, 3860685.12	0.04311	0.33232	0.01015	0.02376	1.84E-04	0.00E+00	8.63E-07	2.05E-06	1.86E-04	8.66E-05	1.05E-02	6.47E-05	7.50E-05	1.07E-02	8.23E-05	0.00E+00	8.63E-07	2.05E-06	8.52E-05
846	490436.72, 3860685.12	0.04329	0.32517	0.01015	0.02345	1.84E-04	0.00E+00	8.63E-07	2.02E-06	1.87E-04	8.69E-05	1.02E-02	6.47E-05	7.40E-05	1.05E-02	8.27E-05	0.00E+00	8.63E-07	2.02E-06	8.56E-05
847	490486.72, 3860685.12	0.04345	0.31833	0.01015	0.02315	1.85E-04	0.00E+00	8.63E-07	1.99E-06	1.88E-04	8.73E-05	1.00E-02	6.47E-05	7.31E-05	1.03E-02	8.30E-05	0.00E+00	8.63E-07	1.99E-06	8.58E-05
848	490536.72, 3860685.12	0.04365	0.31209	0.01019	0.02291	1.86E-04	0.00E+00	8.67E-07	1.97E-06	1.89E-04	8.77E-05	9.83E-03	6.50E-05	7.23E-05	1.01E-02	8.34E-05	0.00E+00	8.67E-07	1.97E-06	8.62E-05
849	490586.72, 3860685.12	0.04381	0.30608	0.01024	0.02267	1.87E-04	0.00E+00	8.71E-07	1.95E-06	1.89E-04	8.80E-05	9.64E-03	6.53E-05	7.16E-05	9.87E-03	8.37E-05	0.00E+00	8.71E-07	1.95E-06	8.65E-05
850	490636.72, 3860685.12	0.04395	0.30041	0.01031	0.02244	1.87E-04	0.00E+00	8.77E-07	1.93E-06	1.90E-04	8.83E-05	9.46E-03	6.58E-05	7.09E-05	9.69E-03	8.39E-05	0.00E+00	8.77E-07	1.93E-06	8.68E-05
851	490686.72, 3860685.12	0.04404	0.295	0.01039	0.02223	1.88E-04	0.00E+00	8.84E-07	1.91E-06	1.90E-04	8.85E-05	9.29E-03	6.63E-05	7.02E-05	9.52E-03	8.41E-05	0.00E+00	8.84E-07	1.91E-06	8.69E-05
852	490736.72, 3860685.12	0.04402	0.28951	0.01047	0.02197	1.87E-04	0.00E+00	8.90E-07	1.89E-06	1.90E-04	8.84E-05	9.12E-03	6.68E-05	6.94E-05	9.34E-03	8.41E-05	0.00E+00	8.90E-07	1.89E-06	8.69E-05
853	490786.72, 3860685.12	0.04403	0.28461	0.01057	0.02178	1.88E-04	0.00E+00	8.99E-07	1.88E-06	1.90E-04	8.84E-05	8.97E-03	6.74E-05	6.88E-05	9.19E-03	8.41E-05	0.00E+00	8.99E-07	1.88E-06	8.69E-05
854	490136.72, 3860735.12	0.04112	0.34824	0.0099	0.02335	1.75E-04	0.00E+00	8.42E-07	2.01E-06	1.78E-04	8.26E-05	1.10E-02	6.31E-05	7.37E-05	1.12E-02	7.85E-05	0.00E+00	8.42E-07	2.01E-06	8.14E-05
855	490186.72, 3860735.12	0.0412	0.34047	0.00992	0.02299	1.75E-04	0.00E+00	8.44E-07	1.98E-06	1.78E-04	8.28E-05	1.07E-02	6.33E-05	7.26E-05	1.09E-02	7.87E-05	0.00E+00	8.44E-07	1.98E-06	8.15E-05
856	490236.72, 3860735.12	0.04135	0.33328	0.00994	0.02269	1.76E-04	0.00E+00	8.45E-07	1.95E-06	1.79E-04	8.31E-05	1.05E-02	6.34E-05	7.16E-05	1.07E-02	7.90E-05	0.00E+00	8.45E-07	1.95E-06	8.18E-05
857	490286.72, 3860735.12	0.04154	0.32652	0.00996	0.02243	1.77E-04	0.00E+00	8.47E-07	1.93E-06	1.80E-04	8.34E-05	1.03E-02	6.35E-05	7.08E-05	1.05E-02	7.93E-05	0.00E+00	8.47E-07	1.93E-06	8.21E-05
858	490336.72, 3860735.12	0.04175	0.31997	0.00997	0.02218	1.78E-04	0.00E+00	8.48E-07	1.91E-06	1.81E-04	8.39E-05	1.01E-02	6.36E-05	7.00E-05	1.03E-02	7.97E-05	0.00E+00	8.48E-07	1.91E-06	8.25E-05
859	490386.72, 3860735.12	0.04201	0.31391	0.00998	0.02198	1.79E-04	0.00E+00	8.49E-07	1.89E-06	1.82E-04	8.44E-05	9.89E-03	6.37E-05	6.94E-05	1.01E-02	8.02E-05	0.00E+00	8.49E-07	1.89E-06	8.30E-05
860	490436.72, 3860735.12	0.04236	0.30842	0.01003	0.02186	1.80E-04	0.00E+00	8.53E-07	1.88E-06	1.83E-04	8.51E-05	9.72E-03	6.40E-05	6.90E-05	9.93E-03	8.09E-05	0.00E+00	8.53E-07	1.88E-06	8.36E-05
861	490486.72, 3860735.12	0.0425	0.3023	0.01001	0.02159	1.81E-04	0.00E+00	8.51E-07	1.86E-06	1.84E-04	8.54E-05	9.52E-03	6.38E-05	6.82E-05	9.74E-03	8.12E-05	0.00E+00	8.51E-07	1.86E-06	8.39E-05
862	490536.72, 3860735.12	0.04257	0.29607	0.00999	0.02128	1.81E-04	0.00E+00	8.50E-07	1.83E-06	1.84E-04	8.55E-05	9.33E-03	6.37E-05	6.72E-05	9.54E-03	8.13E-05	0.00E+00	8.50E-07	1.83E-06	8.40E-05
863	490586.72, 3860735.12	0.04273	0.29063	0.01002	0.02107	1.82E-04	0.00E+00	8.52E-07	1.81E-06	1.85E-04	8.58E-05	9.15E-03	6.39E-05	6.65E-05	9.37E-03	8.16E-05	0.00E+00	8.52E-07	1.81E-06	8.43E-05
864	490636.72, 3860735.12	0.04288	0.28553	0.01006	0.02088	1.83E-04	0.00E+00	8.56E-07	1.80E-06	1.85E-04	8.61E-05	8.99E-03	6.42E-05	6.59E-05	9.21E-03	8.19E-05	0.00E+00	8.56E-07	1.80E-06	8.46E-05
865	490686.72, 3860735.12	0.04306	0.28094	0.01014	0.02074	1.83E-04	0.00E+00	8.62E-07	1.79E-06	1.86E-04	8.65E-05	8.85E-03	6.47E-05	6.55E-05	9.07E-03	8.22E-05	0.00E+00	8.62E-07	1.79E-06	8.49E-05
866	490736.72, 3860735.12	0.04319	0.27647	0.01023	0.02059	1.84E-04	0.00E+00	8.70E-07	1.77E-06	1.87E-04	8.67E-05	8.71E-03	6.53E-05	6.50E-05	8.93E-03	8.25E-05	0.00E+00	8.70E-07	1.77E-06	8.51E-05
867	490136.72, 3860785.12	0.04007	0.32365	0.00968	0.02144	1.71E-04	0.00E+00	8.23E-07	1.85E-06	1.73E-04	8.05E-05	1.02E-02	6.17E-05	6.77E-05	1.04E-02	7.65E-05	0.00E+00	8.23E-07	1.85E-06	7.92E-05
868	490186.72, 3860785.12	0.04018	0.31767	0.00974	0.02119	1.71E-04	0.00E+00	8.28E-07	1.82E-06	1.74E-04	8.07E-05	1.00E-02	6.21E-05	6.69E-05	1.02E-02	7.67E-05	0.00E+00	8.28E-07	1.82E-06	7.94E-05
869	490236.72, 3860785.12	0.04031	0.31178	0.00977	0.02094	1.72E-04	0.00E+00	8.31E-07	1.80E-06	1.74E-04	8.10E-05	9.82E-03	6.23E-05	6.61E-05	1.00E-02	7.70E-05	0.00E+00	8.31E-07	1.80E-06	7.96E-05
870	490286.72, 3860785.12	0.04048	0.30613	0.00979	0.02071	1.72E-04	0.00E+00	8.33E-07	1.78E-06	1.75E-04	8.13E-05	9.64E-03	6.24E-05	6.54E-05	9.85E-03	7.73E-05	0.00E+00	8.33E-07	1.78E-06	7.99E-05
871	490336.72, 3860785.12	0.04066	0.30061	0.0098	0.0205	1.73E-04	0.00E+00	8.33E-07	1.77E-06	1.76E-04	8.17E-05	9.47E-03	6.25E-05	6.47E-05	9.68E-03	7.77E-05	0.00E+00	8.33E-07	1.77E-06	8.03E-05
872	490386.72, 3860785.12	0.04095	0.29578	0.00983	0.02035	1.74E-04	0.00E+00	8.36E-07	1.75E-06	1.77E-04	8.22E-05	9.32E-03	6.27E-05	6.43E-05	9.53E-03	7.82E-05	0.00E+00	8.36E-07	1.75E-06	8.08E-05
873	490436.72, 3860785.12	0.04116	0.2906	0.00983	0.02016	1.75E-04	0.00E+00	8.36E-07	1.74E-06	1.78E-04	8.27E-05	9.15E-03	6.27E-05	6.37E-05	9.36E-03	7.86E-05	0.00E+00	8.36E-07	1.74E-06	8.12E-05
874	490486.72, 3860785.12	0.04145	0.28597	0.00985	0.02004	1.77E-04	0.00E+00	8.38E-07	1.73E-06	1.79E-04	8.33E-05	9.01E-03	6.28E-05	6.33E-05	9.22E-03	7.92E-05	0.00E+00	8.38E-07	1.73E-06	8.17E-05
875	490536.72, 3860785.12	0.0416	0.28084	0.00984	0.01983	1.77E-04	0.00E+00	8.37E-07	1.71E-06	1.80E-04	8.36E-05	8.85E-03	6.28E-05	6.26E-05	9.06E-03	7.95E-05	0.00E+00	8.37E-07	1.71E-06	8.20E-05
876	490586.72, 3860785.12	0.04168	0.27551	0.00983	0.01959	1.78E-04	0.00E+00	8.36E-07	1.69E-06	1.80E-04	8.37E-05	8.68E-03	6.27E-05	6.19E-05	8.89E-03	7.96E-05	0.00E+00	8.36E-07	1.69E-06	8.21E-05
877	490636.72, 3860785.12	0.04184	0.27091	0.00985	0.01943	1.78E-04	0.00E+00	8.38E-07	1.67E-06	1.81E-04	8.40E-05	8.53E-03	6.28E-05	6.13E-05	8.74E-03	7.99E-05	0.00E+00	8.38E-07	1.67E-06	8.24E-05
878	490686.72, 3860785.12	0.04202	0.26675	0.0099	0.0193	1.79E-04	0.00E+00	8.42E-07	1.66E-06	1.81E-04	8.44E-05	8.40E-03	6.31E-05	6.09E-05	8.61E-03	8.03E-05	0.00E+00	8.42E-07	1.66E-06	8.28E-05
879	490736.72, 3860785.12	0.0422	0.26295	0.00997	0.0192	1.80E-04	0.00E+00	8.48E-07	1.65E-06	1.82E-04	8.48E-05	8.28E-03	6.36E-05	6.06E-05	8.49E-03	8.06E-05	0.00E+00	8.48E-07	1.65E-06	8.31E-05
880	490086.72, 3860835.12	0.03911	0.30555	0.00938	0.01998	1.67E-04	0.00E+00	7.98E-07	1.72E-06	1.69E-04	7.86E-05	9.62E-03	5.98E-05	6.31E-05	9.83E-03	7.47E-05	0.00E+00	7.98E-07	1.72E-06	7.72E-05
881	490136.72, 3860835.12	0.03922	0.30113	0.0095	0.01982	1.67E-04	0.00E+00	8.08E-07	1.71E-06	1.70E-04	7.88E-05	9.49E-03	6.06E-05	6.26E-05	9.69E-03	7.49E-05	0.00E+00	8.08E-07	1.71E-06	7.74E-05

882	490186.72, 3860835.12	0.03927	0.29605	0.00956	0.0196	1.67E-04	0.00E+00	8.13E-07	1.69E-06	1.70E-04	7.89E-05	9.33E-03	6.10E-05	6.19E-05	9.53E-03	7.50E-05	0.00E+00	8.13E-07	1.69E-06	7.75E-05
883	490236.72, 3860835.12	0.03936	0.2912	0.0096	0.01939	1.68E-04	0.00E+00	8.16E-07	1.67E-06	1.70E-04	7.91E-05	9.17E-03	6.12E-05	6.12E-05	9.37E-03	7.52E-05	0.00E+00	8.16E-07	1.67E-06	7.77E-05
884	490286.72, 3860835.12	0.03951	0.28669	0.00963	0.01921	1.68E-04	0.00E+00	8.19E-07	1.65E-06	1.71E-04	7.94E-05	9.03E-03	6.14E-05	6.07E-05	9.23E-03	7.55E-05	0.00E+00	8.19E-07	1.65E-06	7.79E-05
885	490336.72, 3860835.12	0.03965	0.28202	0.00964	0.01901	1.69E-04	0.00E+00	8.20E-07	1.64E-06	1.71E-04	7.96E-05	8.88E-03	6.15E-05	6.00E-05	9.08E-03	7.57E-05	0.00E+00	8.20E-07	1.64E-06	7.82E-05
886	490386.72, 3860835.12	0.03983	0.27758	0.00965	0.01884	1.70E-04	0.00E+00	8.21E-07	1.62E-06	1.72E-04	8.00E-05	8.74E-03	6.16E-05	5.95E-05	8.94E-03	7.61E-05	0.00E+00	8.21E-07	1.62E-06	7.85E-05
887	490436.72, 3860835.12	0.04009	0.27356	0.00967	0.01871	1.71E-04	0.00E+00	8.22E-07	1.61E-06	1.73E-04	8.05E-05	8.62E-03	6.17E-05	5.91E-05	8.82E-03	7.66E-05	0.00E+00	8.22E-07	1.61E-06	7.90E-05
888	490486.72, 3860835.12	0.04033	0.26951	0.00968	0.01857	1.72E-04	0.00E+00	8.23E-07	1.60E-06	1.74E-04	8.10E-05	8.49E-03	6.17E-05	5.86E-05	8.69E-03	7.70E-05	0.00E+00	8.23E-07	1.60E-06	7.95E-05
889	490536.72, 3860835.12	0.04054	0.26535	0.00968	0.01843	1.73E-04	0.00E+00	8.23E-07	1.59E-06	1.75E-04	8.14E-05	8.36E-03	6.17E-05	5.82E-05	8.56E-03	7.74E-05	0.00E+00	8.23E-07	1.59E-06	7.98E-05
890	490586.72, 3860835.12	0.0407	0.26104	0.00967	0.01827	1.73E-04	0.00E+00	8.22E-07	1.57E-06	1.76E-04	8.17E-05	8.22E-03	6.17E-05	5.77E-05	8.42E-03	7.77E-05	0.00E+00	8.22E-07	1.57E-06	8.01E-05
891	490636.72, 3860835.12	0.04085	0.25688	0.00967	0.01812	1.74E-04	0.00E+00	8.22E-07	1.56E-06	1.76E-04	8.20E-05	8.09E-03	6.17E-05	5.72E-05	8.29E-03	7.80E-05	0.00E+00	8.22E-07	1.56E-06	8.04E-05
892	490686.72, 3860835.12	0.04104	0.25318	0.0097	0.01801	1.75E-04	0.00E+00	8.25E-07	1.55E-06	1.77E-04	8.24E-05	7.98E-03	6.19E-05	5.69E-05	8.18E-03	7.84E-05	0.00E+00	8.25E-07	1.55E-06	8.08E-05
893	490736.72, 3860835.12	0.04125	0.24986	0.00976	0.01793	1.76E-04	0.00E+00	8.30E-07	1.54E-06	1.78E-04	8.29E-05	7.87E-03	6.23E-05	5.66E-05	8.07E-03	7.88E-05	0.00E+00	8.30E-07	1.54E-06	8.12E-05
894	490086.72, 3860885.12	0.03834	0.28331	0.00918	0.01847	1.63E-04	0.00E+00	7.81E-07	1.59E-06	1.66E-04	7.70E-05	8.92E-03	5.86E-05	5.83E-05	9.12E-03	7.32E-05	0.00E+00	7.81E-07	1.59E-06	7.56E-05
895	490136.72, 3860885.12	0.03838	0.27958	0.0093	0.01833	1.63E-04	0.00E+00	7.91E-07	1.58E-06	1.66E-04	7.71E-05	8.81E-03	5.93E-05	5.79E-05	9.00E-03	7.33E-05	0.00E+00	7.91E-07	1.58E-06	7.57E-05
896	490186.72, 3860885.12	0.03843	0.2757	0.00938	0.01818	1.64E-04	0.00E+00	7.98E-07	1.57E-06	1.66E-04	7.72E-05	8.68E-03	5.98E-05	5.74E-05	8.88E-03	7.34E-05	0.00E+00	7.98E-07	1.57E-06	7.58E-05
897	490236.72, 3860885.12	0.0385	0.27191	0.00944	0.01802	1.64E-04	0.00E+00	8.03E-07	1.55E-06	1.66E-04	7.73E-05	8.57E-03	6.02E-05	5.69E-05	8.76E-03	7.35E-05	0.00E+00	8.03E-07	1.55E-06	7.59E-05
898	490286.72, 3860885.12	0.0386	0.26811	0.00948	0.01787	1.64E-04	0.00E+00	8.06E-07	1.54E-06	1.67E-04	7.75E-05	8.45E-03	6.05E-05	5.64E-05	8.64E-03	7.37E-05	0.00E+00	8.06E-07	1.54E-06	7.61E-05
899	490336.72, 3860885.12	0.0387	0.26424	0.00949	0.0177	1.65E-04	0.00E+00	8.07E-07	1.52E-06	1.67E-04	7.77E-05	8.32E-03	6.05E-05	5.59E-05	8.52E-03	7.39E-05	0.00E+00	8.07E-07	1.52E-06	7.62E-05
900	490386.72, 3860885.12	0.03889	0.26074	0.00951	0.01757	1.66E-04	0.00E+00	8.09E-07	1.51E-06	1.68E-04	7.81E-05	8.21E-03	6.07E-05	5.55E-05	8.41E-03	7.43E-05	0.00E+00	8.09E-07	1.51E-06	7.66E-05
901	490436.72, 3860885.12	0.0391	0.25739	0.00953	0.01744	1.67E-04	0.00E+00	8.10E-07	1.50E-06	1.69E-04	7.85E-05	8.11E-03	6.08E-05	5.51E-05	8.30E-03	7.47E-05	0.00E+00	8.10E-07	1.50E-06	7.70E-05
902	490486.72, 3860885.12	0.03931	0.25391	0.00953	0.01732	1.67E-04	0.00E+00	8.10E-07	1.49E-06	1.70E-04	7.90E-05	8.00E-03	6.08E-05	5.47E-05	8.19E-03	7.51E-05	0.00E+00	8.10E-07	1.49E-06	7.74E-05
903	490536.72, 3860885.12	0.03951	0.25038	0.00953	0.01719	1.68E-04	0.00E+00	8.10E-07	1.48E-06	1.71E-04	7.94E-05	7.89E-03	6.08E-05	5.43E-05	8.08E-03	7.55E-05	0.00E+00	8.10E-07	1.48E-06	7.78E-05
904	490586.72, 3860885.12	0.0397	0.24679	0.00952	0.01705	1.69E-04	0.00E+00	8.10E-07	1.47E-06	1.71E-04	7.97E-05	7.77E-03	6.07E-05	5.38E-05	7.97E-03	7.58E-05	0.00E+00	8.10E-07	1.47E-06	7.81E-05
905	490636.72, 3860885.12	0.03986	0.24323	0.00951	0.01693	1.70E-04	0.00E+00	8.09E-07	1.46E-06	1.72E-04	8.01E-05	7.66E-03	6.07E-05	5.35E-05	7.86E-03	7.61E-05	0.00E+00	8.09E-07	1.46E-06	7.84E-05
906	490686.72, 3860885.12	0.04005	0.23991	0.00953	0.01682	1.71E-04	0.00E+00	8.10E-07	1.45E-06	1.73E-04	8.04E-05	7.56E-03	6.08E-05	5.31E-05	7.75E-03	7.65E-05	0.00E+00	8.10E-07	1.45E-06	7.88E-05
907	490736.72, 3860885.12	0.04023	0.23679	0.00955	0.01673	1.71E-04	0.00E+00	8.12E-07	1.44E-06	1.74E-04	8.08E-05	7.46E-03	6.09E-05	5.28E-05	7.65E-03	7.68E-05	0.00E+00	8.12E-07	1.44E-06	7.91E-05
908	490086.72, 3860935.12	0.03755	0.26215	0.00895	0.01705	1.60E-04	0.00E+00	7.61E-07	1.47E-06	1.62E-04	7.54E-05	8.26E-03	5.71E-05	5.38E-05	8.44E-03	7.17E-05	0.00E+00	7.61E-07	1.47E-06	7.39E-05
909	490136.72, 3860935.12	0.03754	0.25901	0.00907	0.01694	1.60E-04	0.00E+00	7.71E-07	1.46E-06	1.62E-04	7.54E-05	8.16E-03	5.79E-05	5.35E-05	8.35E-03	7.17E-05	0.00E+00	7.71E-07	1.46E-06	7.39E-05
910	490186.72, 3860935.12	0.0376	0.25635	0.00918	0.01686	1.60E-04	0.00E+00	7.81E-07	1.45E-06	1.62E-04	7.55E-05	8.08E-03	5.86E-05	5.32E-05	8.26E-03	7.18E-05	0.00E+00	7.81E-07	1.45E-06	7.40E-05
911	490236.72, 3860935.12	0.03767	0.25354	0.00926	0.01676	1.60E-04	0.00E+00	7.88E-07	1.44E-06	1.63E-04	7.57E-05	7.99E-03	5.91E-05	5.29E-05	8.17E-03	7.19E-05	0.00E+00	7.88E-07	1.44E-06	7.42E-05
912	490286.72, 3860935.12	0.03776	0.25071	0.00932	0.01666	1.61E-04	0.00E+00	7.93E-07	1.43E-06	1.63E-04	7.58E-05	7.90E-03	5.94E-05	5.26E-05	8.09E-03	7.21E-05	0.00E+00	7.93E-07	1.43E-06	7.43E-05
913	490336.72, 3860935.12	0.03784	0.24754	0.00935	0.01653	1.61E-04	0.00E+00	7.95E-07	1.42E-06	1.63E-04	7.60E-05	7.80E-03	5.96E-05	5.22E-05	7.99E-03	7.23E-05	0.00E+00	7.95E-07	1.42E-06	7.45E-05
914	490386.72, 3860935.12	0.038	0.2448	0.00937	0.01643	1.62E-04	0.00E+00	7.97E-07	1.41E-06	1.64E-04	7.63E-05	7.71E-03	5.98E-05	5.19E-05	7.90E-03	7.26E-05	0.00E+00	7.97E-07	1.41E-06	7.48E-05
915	490436.72, 3860935.12	0.03818	0.24204	0.00939	0.01632	1.63E-04	0.00E+00	7.99E-07	1.41E-06	1.65E-04	7.67E-05	7.62E-03	5.99E-05	5.15E-05	7.81E-03	7.29E-05	0.00E+00	7.99E-07	1.41E-06	7.51E-05
916	490486.72, 3860935.12	0.03835	0.23905	0.00939	0.01621	1.63E-04	0.00E+00	7.99E-07	1.40E-06	1.66E-04	7.70E-05	7.53E-03	5.99E-05	5.12E-05	7.72E-03	7.32E-05	0.00E+00	7.99E-07	1.40E-06	7.54E-05
917	490536.72, 3860935.12	0.03855	0.23617	0.00939	0.0161	1.64E-04	0.00E+00	7.99E-07	1.39E-06	1.66E-04	7.74E-05	7.44E-03	5.99E-05	5.08E-05	7.63E-03	7.36E-05	0.00E+00	7.99E-07	1.39E-06	7.58E-05
918	490586.72, 3860935.12	0.03873	0.23312	0.00938	0.01598	1.65E-04	0.00E+00	7.98E-07	1.38E-06	1.67E-04	7.78E-05	7.34E-03	5.98E-05	5.05E-05	7.53E-03	7.40E-05	0.00E+00	7.98E-07	1.38E-06	7.61E-05
919	490636.72, 3860935.12	0.0389	0.23009	0.00937	0.01587	1.66E-04	0.00E+00	7.97E-07	1.37E-06	1.68E-04	7.81E-05	7.25E-03	5.98E-05	5.01E-05	7.44E-03	7.43E-05	0.00E+00	7.97E-07	1.37E-06	7.65E-05
920	490686.72, 3860935.12	0.03909	0.22723	0.00937	0.01577	1.66E-04	0.00E+00	7.97E-07	1.36E-06	1.69E-04	7.85E-05	7.16E-03	5.98E-05	4.98E-05	7.35E-03	7.47E-05	0.00E+00	7.97E-07	1.36E-06	7.68E-05
921	490736.72, 3860935.12	0.03927	0.22444	0.00938	0.01569	1.67E-04	0.00E+00	7.98E-07	1.35E-06	1.69E-04	7.89E-05	7.07E-03	5.98E-05	4.95E-05	7.26E-03	7.50E-05	0.00E+00	7.98E-07	1.35E-06	7.72E-05
922	490786.72, 3860935.12	0.03945	0.22178	0.00941	0.01561	1.68E-04	0.00E+00	8.00E-07	1.34E-06	1.70E-04	7.92E-05	6.99E-03	6.00E-05	4.93E-05	7.17E-03	7.53E-05	0.00E+00	8.00E-07	1.34E-06	7.75E-05
923	490836.72, 3860935.12	0.03965	0.21948	0.00946	0.01556	1.69E-04	0.00E+00	8.05E-07	1.34E-06	1.71E-04	7.96E-05	6.91E-03	6.03E-05	4.91E-05	7.10E-03	7.57E-05	0.00E+00	8.05E-07	1.34E-06	7.79E-05
924	490086.72, 3860985.12	0.03684	0.24307	0.00873	0.01579	1.57E-04	0.00E+00	7.42E-07	1.36E-06	1.59E-04	7.40E-05	7.66E-03	5.57E-05	4.99E-05	7.84E-03	7.04E-05	0.00E+00	7.42E-07	1.36E-06	7.25E-05
925	490136.72, 3860985.12	0.03685	0.24094	0.00888	0.01573	1.57E-04	0.00E+00	7.55E-07	1.35E-06	1.59E-04	7.40E-05	7.59E-03	5.66E-05	4.97E-05	7.77E-03	7.04E-05	0.00E+00	7.55E-07	1.35E-06	7.25E-05
926	490186.72, 3860985.12	0.0369	0.23901	0.00901	0.01569	1.57E-04	0.00E+00	7.66E-07	1.35E-06	1.59E-04	7.41E-05	7.53E-03	5.75E-05	4.95E-05	7.71E-03	7.05E-05	0.00E+00	7.66E-07	1.35E-06	7.26E-05
927	490236.72, 3860985.12	0.0369	0.23652	0.00909	0.01561	1.57E-04	0.00E+00	7.73E-07	1.34E-06	1.59E-04	7.41E-05	7.45E-03	5.80E-05	4.93E-05	7.63E-03	7.05E-05	0.00E+00	7.73E-07	1.34E-06	7.26E-05
928	490286.72, 3860985.12	0.03694	0.23418	0.00915	0.01553	1.57E-04	0.00E+00	7.78E-07	1.34E-06	1.59E-04	7.42E-05	7.38E-03	5.84E-05	4.90E-05	7.56E-03	7.06E-05	0.00E+00	7.78E-07	1.34E-06	7.27E-05
929	490336.72, 3860985.12	0.03702	0.23186	0.0092	0.01545	1.58E-04	0.00E+00	7.82E-07	1.33E-06	1.60E-04	7.44E-05	7.30E-03	5.87E-05	4.88E-05	7.49E-03	7.07E-05	0.00E+00	7.82E-07	1.33E-06	7.28E-05
930	490386.72, 3860985.12	0.03714	0.2296	0.00923	0.01537	1.58E-04	0.00E+00	7.85E-07	1.32E-06	1.60E-04	7.46E-05	7.23E-03	5.89E-05	4.85E-05	7.41E-03	7.09E-05	0.00E+00	7.85E-07	1.32E-06	7.30E-05
931	490436.72, 3860985.12	0.03732	0.22758	0.00926	0.01531	1.59E-04	0.00E+00	7.88E-07	1.32E-06	1.61E-04	7.50E-05	7.17E-03	5.91E-05	4.83E-05	7.35E-03	7.13E-05	0.00E+00	7.88E-07	1.32E-06	7.34E-05
932	490486.72, 3860985.12	0.03746	0.22511	0.00927	0.01521	1.60E-04	0.00E+00	7.88E-07	1.31E-06	1.62E-04	7.52E-05	7.09E-03	5.91E-05	4.80E-05	7.27E-03	7.15E-05	0.00E+00	7.88E-07	1.31E-06	7.36E-05
933	490536.72, 3860985.12	0.03761	0.22254	0.00926	0.01511	1.60E-04	0.00E+00	7.88E-07	1.30E-06	1.62E-04	7.55E-05	7.01E-03	5.91E-05	4.77E-05	7.19E-03	7.18E-05	0.00E+00	7.88E-07	1.30E-06	7.39E-05
934	490586.72, 3860985.12	0.03778	0.22001	0.00925	0.01501	1.61E-04	0.00E+00	7.87E-07	1.29E-06	1.63E-04	7.59E-05	6.93E-03	5.90E-05	4.74E-05	7.11E-03	7.22E-05	0.00E+00	7.87E-07	1.29E-06	7.42E-05
935	490636.72, 3860985.12	0.03798	0.21764	0.00924	0.01493	1.62E-04	0.00E+00	7.86E-07	1.29E-06	1.64E-04	7.63E-05	6.86E-03	5.89E-05	4.71E-05	7.04E-03	7.25E-05	0.00E+00	7.86E-07	1.29E-06	7.46E-05
936	490686.72, 3860985.12	0.03816	0.21511	0.00924	0.01484	1.63E-04	0.00E+00	7.86E-07	1.28E-06	1.65E-04	7.66E-05	6.78E-03	5.89E-05	4.69E-05	6.96E-03	7.29E-05	0.00E+00	7.86E-07	1.28E-06	7.49E-05
937	490736.72, 3860985.12	0.03833	0.21262	0.00923	0.01475	1.63E-04	0.00E+00	7.85E-07	1.27E-06	1.65E-04	7.70E-05	6.70E-03	5.89E-05	4.66E-05	6.88E-03	7.32E-05	0.00E+00	7.85E-07	1.27E-06	7.53E-05
938	490786.72, 3860985.12	0.03853	0.21034	0.00925	0.01469	1.64E-04	0.00E+00	7.87E-07	1.26E-06	1.66E-04	7.74E-05	6.63E-03	5.90E-05	4.64E-05	6.81E-03	7.36E-05	0.00E+00	7.87E-07	1.26E-06	7.56E-05
939	490836.72, 3860985.12	0.03873	0.20828	0.00928	0.01464	1.65E-04	0.00E+00	7.89E-07	1.26E-06	1.67E-04	7.78E-05	6.56E-03	5.92E-05	4.62E-05	6.74E-03	7.40E-05	0.00E+00	7.89E-07	1.26E-06	7.60E-05
940	490086.72, 3861035.12	0.03614	0.22556	0.0085	0.01468	1.54E-04	0.00E+00	7.23E-07	1.26E-06	1.56E-04	7.26E-05	7.11E-03	5.42E-05	4.64E-05	7.28E-03	6.90E-05	0.00E+00	7.23E-07	1.26E-06	7.10E-05

941	490136.72, 3861035.12	0.03616	0.22411	0.00867	0.01464	1.54E-04	0.00E+00	7.37E-07	1.26E-06	1.56E-04	7.26E-05	7.06E-03	5.53E-05	4.62E-05	7.23E-03	6.91E-05	0.00E+00	7.37E-07	1.26E-06	7.11E-05
942	490186.72, 3861035.12	0.03617	0.22248	0.0088	0.0146	1.54E-04	0.00E+00	7.48E-07	1.26E-06	1.56E-04	7.26E-05	7.01E-03	5.61E-05	4.61E-05	7.18E-03	6.91E-05	0.00E+00	7.48E-07	1.26E-06	7.11E-05
943	490236.72, 3861035.12	0.0362	0.22093	0.00891	0.01456	1.54E-04	0.00E+00	7.58E-07	1.25E-06	1.56E-04	7.27E-05	6.96E-03	5.68E-05	4.60E-05	7.13E-03	6.91E-05	0.00E+00	7.58E-07	1.25E-06	7.12E-05
944	490286.72, 3861035.12	0.0362	0.21898	0.00899	0.0145	1.54E-04	0.00E+00	7.65E-07	1.25E-06	1.56E-04	7.27E-05	6.90E-03	5.73E-05	4.58E-05	7.07E-03	6.91E-05	0.00E+00	7.65E-07	1.25E-06	7.12E-05
945	490336.72, 3861035.12	0.03624	0.21709	0.00904	0.01445	1.54E-04	0.00E+00	7.69E-07	1.24E-06	1.56E-04	7.28E-05	6.84E-03	5.77E-05	4.56E-05	7.01E-03	6.92E-05	0.00E+00	7.69E-07	1.24E-06	7.12E-05
946	490386.72, 3861035.12	0.03636	0.21558	0.00909	0.01441	1.55E-04	0.00E+00	7.73E-07	1.24E-06	1.57E-04	7.30E-05	6.79E-03	5.80E-05	4.55E-05	6.97E-03	6.94E-05	0.00E+00	7.73E-07	1.24E-06	7.15E-05
947	490436.72, 3861035.12	0.03651	0.21398	0.00913	0.01437	1.55E-04	0.00E+00	7.76E-07	1.24E-06	1.57E-04	7.33E-05	6.74E-03	5.82E-05	4.54E-05	6.92E-03	6.97E-05	0.00E+00	7.76E-07	1.24E-06	7.17E-05
948	490486.72, 3861035.12	0.03664	0.21204	0.00914	0.01431	1.56E-04	0.00E+00	7.77E-07	1.23E-06	1.58E-04	7.36E-05	6.68E-03	5.83E-05	4.52E-05	6.86E-03	7.00E-05	0.00E+00	7.77E-07	1.23E-06	7.20E-05
949	490536.72, 3861035.12	0.03676	0.20995	0.00914	0.01423	1.57E-04	0.00E+00	7.77E-07	1.23E-06	1.59E-04	7.38E-05	6.61E-03	5.83E-05	4.49E-05	6.79E-03	7.02E-05	0.00E+00	7.77E-07	1.23E-06	7.22E-05
950	490586.72, 3861035.12	0.03691	0.2078	0.00913	0.01415	1.57E-04	0.00E+00	7.76E-07	1.22E-06	1.59E-04	7.41E-05	6.55E-03	5.82E-05	4.47E-05	6.72E-03	7.05E-05	0.00E+00	7.76E-07	1.22E-06	7.25E-05
951	490636.72, 3861035.12	0.03707	0.20564	0.00912	0.01407	1.58E-04	0.00E+00	7.76E-07	1.21E-06	1.60E-04	7.45E-05	6.48E-03	5.82E-05	4.44E-05	6.65E-03	7.08E-05	0.00E+00	7.76E-07	1.21E-06	7.28E-05
952	490686.72, 3861035.12	0.03724	0.2035	0.00911	0.01399	1.59E-04	0.00E+00	7.75E-07	1.20E-06	1.61E-04	7.48E-05	6.41E-03	5.81E-05	4.42E-05	6.59E-03	7.11E-05	0.00E+00	7.75E-07	1.20E-06	7.31E-05
953	490736.72, 3861035.12	0.03742	0.20141	0.0091	0.01391	1.59E-04	0.00E+00	7.74E-07	1.20E-06	1.61E-04	7.52E-05	6.34E-03	5.80E-05	4.39E-05	6.52E-03	7.15E-05	0.00E+00	7.74E-07	1.20E-06	7.34E-05
954	490786.72, 3861035.12	0.03762	0.1995	0.0091	0.01386	1.60E-04	0.00E+00	7.74E-07	1.19E-06	1.62E-04	7.56E-05	6.28E-03	5.80E-05	4.38E-05	6.46E-03	7.19E-05	0.00E+00	7.74E-07	1.19E-06	7.38E-05
955	490836.72, 3861035.12	0.03783	0.19766	0.00912	0.01381	1.61E-04	0.00E+00	7.76E-07	1.19E-06	1.63E-04	7.60E-05	6.23E-03	5.82E-05	4.36E-05	6.40E-03	7.23E-05	0.00E+00	7.76E-07	1.19E-06	7.42E-05
956	490086.72, 3861085.12	0.03548	0.20975	0.00828	0.01371	1.51E-04	0.00E+00	7.04E-07	1.18E-06	1.53E-04	7.13E-05	6.61E-03	5.28E-05	4.33E-05	6.77E-03	6.78E-05	0.00E+00	7.04E-07	1.18E-06	6.96E-05
957	490136.72, 3861085.12	0.03553	0.20895	0.00846	0.01369	1.51E-04	0.00E+00	7.19E-07	1.18E-06	1.53E-04	7.14E-05	6.58E-03	5.40E-05	4.32E-05	6.75E-03	6.79E-05	0.00E+00	7.19E-07	1.18E-06	6.98E-05
958	490186.72, 3861085.12	0.03559	0.20813	0.00863	0.01367	1.52E-04	0.00E+00	7.34E-07	1.18E-06	1.53E-04	7.15E-05	6.56E-03	5.50E-05	4.32E-05	6.73E-03	6.80E-05	0.00E+00	7.34E-07	1.18E-06	6.99E-05
959	490236.72, 3861085.12	0.03556	0.20665	0.00874	0.01363	1.51E-04	0.00E+00	7.43E-07	1.17E-06	1.53E-04	7.14E-05	6.51E-03	5.57E-05	4.30E-05	6.68E-03	6.79E-05	0.00E+00	7.43E-07	1.17E-06	6.98E-05
960	490286.72, 3861085.12	0.03555	0.20519	0.00883	0.01359	1.51E-04	0.00E+00	7.51E-07	1.17E-06	1.53E-04	7.14E-05	6.46E-03	5.63E-05	4.29E-05	6.63E-03	6.79E-05	0.00E+00	7.51E-07	1.17E-06	6.98E-05
961	490336.72, 3861085.12	0.03555	0.20368	0.00889	0.01355	1.51E-04	0.00E+00	7.56E-07	1.17E-06	1.53E-04	7.14E-05	6.42E-03	5.67E-05	4.28E-05	6.59E-03	6.79E-05	0.00E+00	7.56E-07	1.17E-06	6.98E-05
962	490386.72, 3861085.12	0.03564	0.20251	0.00895	0.01353	1.52E-04	0.00E+00	7.61E-07	1.17E-06	1.54E-04	7.16E-05	6.38E-03	5.71E-05	4.27E-05	6.55E-03	6.81E-05	0.00E+00	7.61E-07	1.17E-06	7.00E-05
963	490436.72, 3861085.12	0.03572	0.20108	0.00899	0.01349	1.52E-04	0.00E+00	7.65E-07	1.16E-06	1.54E-04	7.17E-05	6.33E-03	5.73E-05	4.26E-05	6.51E-03	6.82E-05	0.00E+00	7.65E-07	1.16E-06	7.01E-05
964	490486.72, 3861085.12	0.03582	0.19957	0.00901	0.01345	1.53E-04	0.00E+00	7.66E-07	1.16E-06	1.54E-04	7.19E-05	6.29E-03	5.75E-05	4.25E-05	6.46E-03	6.84E-05	0.00E+00	7.66E-07	1.16E-06	7.03E-05
965	490536.72, 3861085.12	0.03597	0.19815	0.00902	0.01341	1.53E-04	0.00E+00	7.67E-07	1.15E-06	1.55E-04	7.22E-05	6.24E-03	5.75E-05	4.23E-05	6.41E-03	6.87E-05	0.00E+00	7.67E-07	1.15E-06	7.06E-05
966	490586.72, 3861085.12	0.03608	0.19634	0.00902	0.01335	1.54E-04	0.00E+00	7.67E-07	1.15E-06	1.56E-04	7.25E-05	6.18E-03	5.75E-05	4.22E-05	6.36E-03	6.89E-05	0.00E+00	7.67E-07	1.15E-06	7.08E-05
967	490636.72, 3861085.12	0.03619	0.19436	0.009	0.01327	1.54E-04	0.00E+00	7.65E-07	1.14E-06	1.56E-04	7.27E-05	6.12E-03	5.74E-05	4.19E-05	6.29E-03	6.91E-05	0.00E+00	7.65E-07	1.14E-06	7.10E-05
968	490686.72, 3861085.12	0.03635	0.19255	0.00898	0.01321	1.55E-04	0.00E+00	7.64E-07	1.14E-06	1.57E-04	7.30E-05	6.07E-03	5.73E-05	4.17E-05	6.24E-03	6.94E-05	0.00E+00	7.64E-07	1.14E-06	7.13E-05
969	490736.72, 3861085.12	0.03654	0.19085	0.00898	0.01315	1.56E-04	0.00E+00	7.64E-07	1.13E-06	1.58E-04	7.34E-05	6.01E-03	5.73E-05	4.15E-05	6.18E-03	6.98E-05	0.00E+00	7.64E-07	1.13E-06	7.17E-05
970	490786.72, 3861085.12	0.03673	0.1892	0.00897	0.0131	1.56E-04	0.00E+00	7.63E-07	1.13E-06	1.58E-04	7.38E-05	5.96E-03	5.72E-05	4.14E-05	6.13E-03	7.02E-05	0.00E+00	7.63E-07	1.13E-06	7.20E-05
971	490836.72, 3861085.12	0.03693	0.18757	0.00898	0.01306	1.57E-04	0.00E+00	7.64E-07	1.12E-06	1.59E-04	7.42E-05	5.91E-03	5.73E-05	4.12E-05	6.08E-03	7.05E-05	0.00E+00	7.64E-07	1.12E-06	7.24E-05
972	490086.72, 3861135.12	0.03483	0.19547	0.00804	0.01285	1.48E-04	0.00E+00	6.84E-07	1.11E-06	1.50E-04	7.00E-05	6.16E-03	5.13E-05	4.06E-05	6.32E-03	6.65E-05	0.00E+00	6.84E-07	1.11E-06	6.83E-05
973	490136.72, 3861135.12	0.03487	0.19485	0.00824	0.01282	1.48E-04	0.00E+00	7.01E-07	1.10E-06	1.50E-04	7.00E-05	6.14E-03	5.26E-05	4.05E-05	6.30E-03	6.66E-05	0.00E+00	7.01E-07	1.10E-06	6.84E-05
974	490186.72, 3861135.12	0.03491	0.19424	0.00841	0.01281	1.49E-04	0.00E+00	7.15E-07	1.10E-06	1.50E-04	7.01E-05	6.12E-03	5.36E-05	4.04E-05	6.28E-03	6.67E-05	0.00E+00	7.15E-07	1.10E-06	6.85E-05
975	490236.72, 3861135.12	0.03493	0.19346	0.00856	0.01279	1.49E-04	0.00E+00	7.28E-07	1.10E-06	1.51E-04	7.02E-05	6.09E-03	5.46E-05	4.04E-05	6.26E-03	6.67E-05	0.00E+00	7.28E-07	1.10E-06	6.85E-05
976	490286.72, 3861135.12	0.03493	0.19248	0.00867	0.01277	1.49E-04	0.00E+00	7.37E-07	1.10E-06	1.51E-04	7.02E-05	6.06E-03	5.53E-05	4.03E-05	6.23E-03	6.67E-05	0.00E+00	7.37E-07	1.10E-06	6.86E-05
977	490336.72, 3861135.12	0.03492	0.19134	0.00874	0.01274	1.49E-04	0.00E+00	7.43E-07	1.10E-06	1.51E-04	7.01E-05	6.03E-03	5.57E-05	4.02E-05	6.19E-03	6.67E-05	0.00E+00	7.43E-07	1.10E-06	6.85E-05
978	490386.72, 3861135.12	0.03496	0.19033	0.00881	0.01272	1.49E-04	0.00E+00	7.49E-07	1.10E-06	1.51E-04	7.02E-05	6.00E-03	5.62E-05	4.02E-05	6.16E-03	6.68E-05	0.00E+00	7.49E-07	1.10E-06	6.86E-05
979	490436.72, 3861135.12	0.035	0.18919	0.00885	0.0127	1.49E-04	0.00E+00	7.53E-07	1.09E-06	1.51E-04	7.03E-05	5.96E-03	5.64E-05	4.01E-05	6.13E-03	6.68E-05	0.00E+00	7.53E-07	1.09E-06	6.87E-05
980	490486.72, 3861135.12	0.03508	0.18805	0.00888	0.01268	1.49E-04	0.00E+00	7.55E-07	1.09E-06	1.51E-04	7.05E-05	5.92E-03	5.66E-05	4.00E-05	6.09E-03	6.70E-05	0.00E+00	7.55E-07	1.09E-06	6.88E-05
981	490536.72, 3861135.12	0.03518	0.18684	0.0089	0.01265	1.50E-04	0.00E+00	7.57E-07	1.09E-06	1.52E-04	7.07E-05	5.89E-03	5.68E-05	3.99E-05	6.05E-03	6.72E-05	0.00E+00	7.57E-07	1.09E-06	6.90E-05
982	490586.72, 3861135.12	0.03528	0.18545	0.0089	0.01261	1.50E-04	0.00E+00	7.57E-07	1.09E-06	1.52E-04	7.09E-05	5.84E-03	5.68E-05	3.98E-05	6.01E-03	6.74E-05	0.00E+00	7.57E-07	1.09E-06	6.92E-05
983	490636.72, 3861135.12	0.03538	0.18385	0.00888	0.01255	1.51E-04	0.00E+00	7.55E-07	1.08E-06	1.53E-04	7.11E-05	5.79E-03	5.66E-05	3.96E-05	5.96E-03	6.76E-05	0.00E+00	7.55E-07	1.08E-06	6.94E-05
984	490686.72, 3861135.12	0.03553	0.18242	0.00888	0.0125	1.51E-04	0.00E+00	7.55E-07	1.08E-06	1.53E-04	7.14E-05	5.75E-03	5.66E-05	3.95E-05	5.91E-03	6.79E-05	0.00E+00	7.55E-07	1.08E-06	6.97E-05
985	490736.72, 3861135.12	0.03571	0.18103	0.00887	0.01246	1.52E-04	0.00E+00	7.54E-07	1.07E-06	1.54E-04	7.17E-05	5.70E-03	5.66E-05	3.93E-05	5.87E-03	6.82E-05	0.00E+00	7.54E-07	1.07E-06	7.00E-05
986	490786.72, 3861135.12	0.03589	0.17961	0.00886	0.01242	1.53E-04	0.00E+00	7.54E-07	1.07E-06	1.55E-04	7.21E-05	5.66E-03	5.65E-05	3.92E-05	5.83E-03	6.85E-05	0.00E+00	7.54E-07	1.07E-06	7.04E-05
987	490836.72, 3861135.12	0.03608	0.17815	0.00885	0.01238	1.54E-04	0.00E+00	7.53E-07	1.07E-06	1.55E-04	7.25E-05	5.61E-03	5.64E-05	3.91E-05	5.78E-03	6.89E-05	0.00E+00	7.53E-07	1.07E-06	7.07E-05
988	490086.72, 3861185.12	0.03419	0.18268	0.00781	0.01209	1.46E-04	0.00E+00	6.64E-07	1.04E-06	1.47E-04	6.87E-05	5.75E-03	4.98E-05	3.82E-05	5.91E-03	6.53E-05	0.00E+00	6.64E-07	1.04E-06	6.70E-05
989	490136.72, 3861185.12	0.03419	0.1819	0.008	0.01205	1.46E-04	0.00E+00	6.80E-07	1.04E-06	1.47E-04	6.87E-05	5.73E-03	5.10E-05	3.80E-05	5.89E-03	6.53E-05	0.00E+00	6.80E-07	1.04E-06	6.70E-05
990	490186.72, 3861185.12	0.03421	0.18138	0.00819	0.01203	1.46E-04	0.00E+00	6.97E-07	1.04E-06	1.47E-04	6.87E-05	5.71E-03	5.22E-05	3.80E-05	5.87E-03	6.53E-05	0.00E+00	6.97E-07	1.04E-06	6.71E-05
991	490236.72, 3861185.12	0.03424	0.1809	0.00834	0.01202	1.46E-04	0.00E+00	7.09E-07	1.04E-06	1.48E-04	6.88E-05	5.70E-03	5.32E-05	3.80E-05	5.86E-03	6.54E-05	0.00E+00	7.09E-07	1.04E-06	6.71E-05
992	490286.72, 3861185.12	0.03429	0.18051	0.00848	0.01202	1.46E-04	0.00E+00	7.21E-07	1.04E-06	1.48E-04	6.89E-05	5.69E-03	5.41E-05	3.80E-05	5.85E-03	6.55E-05	0.00E+00	7.21E-07	1.04E-06	6.72E-05
993	490336.72, 3861185.12	0.03423	0.17938	0.00857	0.01198	1.46E-04	0.00E+00	7.29E-07	1.03E-06	1.48E-04	6.88E-05	5.65E-03	5.47E-05	3.78E-05	5.81E-03	6.54E-05	0.00E+00	7.29E-07	1.03E-06	6.71E-05
994	490386.72, 3861185.12	0.03426	0.17869	0.00864	0.01198	1.46E-04	0.00E+00	7.35E-07	1.03E-06	1.48E-04	6.88E-05	5.63E-03	5.51E-05	3.78E-05	5.79E-03	6.54E-05	0.00E+00	7.35E-07	1.03E-06	6.72E-05
995	490436.72, 3861185.12	0.03433	0.17809	0.00871	0.01198	1.46E-04	0.00E+00	7.41E-07	1.03E-06	1.48E-04	6.90E-05	5.61E-03	5.56E-05	3.78E-05	5.77E-03	6.56E-05	0.00E+00	7.41E-07	1.03E-06	6.73E-05
996	490486.72, 3861185.12	0.03437	0.17719	0.00875	0.01196	1.46E-04	0.00E+00	7.44E-07	1.03E-06	1.48E-04	6.90E-05	5.58E-03	5.58E-05	3.78E-05	5.74E-03	6.56E-05	0.00E+00	7.44E-07	1.03E-06	6.74E-05
997	490536.72, 3861185.12	0.0345	0.17661	0.00879	0.01197	1.47E-04	0.00E+00	7.48E-07	1.03E-06	1.49E-04	6.93E-05	5.56E-03	5.61E-05	3.78E-05	5.73E-03	6.59E-05	0.00E+00	7.48E-07	1.03E-06	6.77E-05
998	490586.72, 3861185.12	0.03456	0.17543	0.00879	0.01193	1.47E-04	0.00E+00	7.48E-07	1.03E-06	1.49E-04	6.94E-05	5.53E-03	5.61E-05	3.77E-05	5.69E-03	6.60E-05	0.00E+00	7.48E-07	1.03E-06	6.78E-05
999	490636.72, 3861185.12	0.0346	0.17395	0.00877	0.01188	1.47E-04	0.00E+00	7.46E-07	1.02E-06	1.49E-04	6.95E-05	5.48E-03	5.59E-05	3.75E-05	5.64E-03	6.61E-05	0.00E+00	7.46E-07	1.02E-06	6.79E-05

1000	490686.72, 3861185.12	0.03473	0.17277	0.00876	0.01185	1.48E-04	0.00E+00	7.45E-07	1.02E-06	1.50E-04	6.98E-05	5.44E-03	5.59E-05	3.74E-05	5.61E-03	6.63E-05	0.00E+00	7.45E-07	1.02E-06	6.81E-05
1001	490736.72, 3861185.12	0.03491	0.17178	0.00876	0.01183	1.49E-04	0.00E+00	7.45E-07	1.02E-06	1.50E-04	7.01E-05	5.41E-03	5.59E-05	3.74E-05	5.57E-03	6.67E-05	0.00E+00	7.45E-07	1.02E-06	6.84E-05
1002	490786.72, 3861185.12	0.03509	0.17066	0.00876	0.0118	1.49E-04	0.00E+00	7.45E-07	1.02E-06	1.51E-04	7.05E-05	5.38E-03	5.59E-05	3.73E-05	5.54E-03	6.70E-05	0.00E+00	7.45E-07	1.02E-06	6.88E-05
1003	490836.72, 3861185.12	0.03527	0.16943	0.00875	0.01176	1.50E-04	0.00E+00	7.44E-07	1.01E-06	1.52E-04	7.08E-05	5.34E-03	5.58E-05	3.71E-05	5.50E-03	6.74E-05	0.00E+00	7.44E-07	1.01E-06	6.91E-05
1004	490086.72, 3861235.12	0.03356	0.17116	0.00757	0.01141	1.43E-04	0.00E+00	6.44E-07	9.83E-07	1.45E-04	6.74E-05	5.39E-03	4.83E-05	3.60E-05	5.54E-03	6.41E-05	0.00E+00	6.44E-07	9.83E-07	6.57E-05
1005	490136.72, 3861235.12	0.03357	0.17056	0.00778	0.01138	1.43E-04	0.00E+00	6.62E-07	9.80E-07	1.45E-04	6.74E-05	5.37E-03	4.96E-05	3.59E-05	5.53E-03	6.41E-05	0.00E+00	6.62E-07	9.80E-07	6.58E-05
1006	490186.72, 3861235.12	0.03361	0.17019	0.00797	0.01137	1.43E-04	0.00E+00	6.78E-07	9.79E-07	1.45E-04	6.75E-05	5.36E-03	5.08E-05	3.59E-05	5.52E-03	6.42E-05	0.00E+00	6.78E-07	9.79E-07	6.59E-05
1007	490236.72, 3861235.12	0.03359	0.16956	0.00813	0.01134	1.43E-04	0.00E+00	6.91E-07	9.76E-07	1.45E-04	6.75E-05	5.34E-03	5.19E-05	3.58E-05	5.50E-03	6.42E-05	0.00E+00	6.91E-07	9.76E-07	6.58E-05
1008	490386.72, 3861235.12	0.0336	0.16794	0.00848	0.01131	1.43E-04	0.00E+00	7.21E-07	9.74E-07	1.45E-04	6.75E-05	5.29E-03	5.41E-05	3.57E-05	5.45E-03	6.42E-05	0.00E+00	7.21E-07	9.74E-07	6.59E-05
1009	490436.72, 3861235.12	0.0336	0.1673	0.00854	0.0113	1.43E-04	0.00E+00	7.26E-07	9.73E-07	1.45E-04	6.75E-05	5.27E-03	5.45E-05	3.57E-05	5.43E-03	6.42E-05	0.00E+00	7.26E-07	9.73E-07	6.59E-05
1010	490486.72, 3861235.12	0.03364	0.1667	0.00859	0.01129	1.43E-04	0.00E+00	7.31E-07	9.72E-07	1.45E-04	6.76E-05	5.25E-03	5.48E-05	3.56E-05	5.41E-03	6.43E-05	0.00E+00	7.31E-07	9.72E-07	6.60E-05
1011	490536.72, 3861235.12	0.03379	0.16662	0.00865	0.01132	1.44E-04	0.00E+00	7.36E-07	9.75E-07	1.46E-04	6.79E-05	5.25E-03	5.52E-05	3.57E-05	5.41E-03	6.45E-05	0.00E+00	7.36E-07	9.75E-07	6.62E-05
1012	490586.72, 3861235.12	0.03391	0.16616	0.00869	0.01132	1.44E-04	0.00E+00	7.39E-07	9.75E-07	1.46E-04	6.81E-05	5.23E-03	5.54E-05	3.57E-05	5.39E-03	6.48E-05	0.00E+00	7.39E-07	9.75E-07	6.65E-05
1013	490636.72, 3861235.12	0.03387	0.16465	0.00866	0.01127	1.44E-04	0.00E+00	7.37E-07	9.70E-07	1.46E-04	6.80E-05	5.19E-03	5.52E-05	3.56E-05	5.35E-03	6.47E-05	0.00E+00	7.37E-07	9.70E-07	6.64E-05
1014	490686.72, 3861235.12	0.03398	0.16375	0.00866	0.01125	1.45E-04	0.00E+00	7.37E-07	9.69E-07	1.46E-04	6.82E-05	5.16E-03	5.52E-05	3.55E-05	5.32E-03	6.49E-05	0.00E+00	7.37E-07	9.69E-07	6.66E-05
1015	490736.72, 3861235.12	0.03414	0.16301	0.00866	0.01123	1.45E-04	0.00E+00	7.37E-07	9.67E-07	1.47E-04	6.86E-05	5.13E-03	5.52E-05	3.55E-05	5.29E-03	6.52E-05	0.00E+00	7.37E-07	9.67E-07	6.69E-05
1016	490786.72, 3861235.12	0.03433	0.16222	0.00866	0.01122	1.46E-04	0.00E+00	7.37E-07	9.66E-07	1.48E-04	6.90E-05	5.11E-03	5.52E-05	3.54E-05	5.27E-03	6.56E-05	0.00E+00	7.37E-07	9.66E-07	6.73E-05
1017	490836.72, 3861235.12	0.03449	0.16121	0.00865	0.01119	1.47E-04	0.00E+00	7.36E-07	9.64E-07	1.49E-04	6.93E-05	5.08E-03	5.52E-05	3.53E-05	5.24E-03	6.59E-05	0.00E+00	7.36E-07	9.64E-07	6.76E-05
1018	490086.72, 3861285.12	0.03299	0.16116	0.00735	0.01083	1.40E-04	0.00E+00	6.25E-07	9.33E-07	1.42E-04	6.63E-05	5.08E-03	4.69E-05	3.42E-05	5.22E-03	6.30E-05	0.00E+00	6.25E-07	9.33E-07	6.46E-05
1019	490136.72, 3861285.12	0.03307	0.16096	0.00758	0.01082	1.41E-04	0.00E+00	6.45E-07	9.32E-07	1.42E-04	6.64E-05	5.07E-03	4.83E-05	3.42E-05	5.22E-03	6.32E-05	0.00E+00	6.45E-07	9.32E-07	6.47E-05
1020	490186.72, 3861285.12	0.03303	0.16023	0.00776	0.01079	1.41E-04	0.00E+00	6.60E-07	9.29E-07	1.42E-04	6.63E-05	5.05E-03	4.95E-05	3.41E-05	5.20E-03	6.31E-05	0.00E+00	6.60E-07	9.29E-07	6.47E-05
1021	490236.72, 3861285.12	0.03303	0.1597	0.00793	0.01076	1.41E-04	0.00E+00	6.74E-07	9.27E-07	1.42E-04	6.63E-05	5.03E-03	5.06E-05	3.40E-05	5.18E-03	6.31E-05	0.00E+00	6.74E-07	9.27E-07	6.47E-05
1022	490386.72, 3861285.12	0.03301	0.15834	0.00831	0.01072	1.41E-04	0.00E+00	7.07E-07	9.23E-07	1.42E-04	6.63E-05	4.99E-03	5.30E-05	3.38E-05	5.14E-03	6.30E-05	0.00E+00	7.07E-07	9.23E-07	6.47E-05
1023	490436.72, 3861285.12	0.03303	0.15803	0.0084	0.01072	1.41E-04	0.00E+00	7.14E-07	9.23E-07	1.42E-04	6.63E-05	4.98E-03	5.36E-05	3.38E-05	5.13E-03	6.31E-05	0.00E+00	7.14E-07	9.23E-07	6.47E-05
1024	490486.72, 3861285.12	0.03303	0.15747	0.00846	0.01071	1.41E-04	0.00E+00	7.19E-07	9.22E-07	1.42E-04	6.63E-05	4.96E-03	5.40E-05	3.38E-05	5.11E-03	6.31E-05	0.00E+00	7.19E-07	9.22E-07	6.47E-05
1025	490536.72, 3861285.12	0.03307	0.15705	0.0085	0.01071	1.41E-04	0.00E+00	7.23E-07	9.22E-07	1.42E-04	6.64E-05	4.95E-03	5.42E-05	3.38E-05	5.10E-03	6.32E-05	0.00E+00	7.23E-07	9.22E-07	6.48E-05
1026	490586.72, 3861285.12	0.03315	0.15668	0.00854	0.01072	1.41E-04	0.00E+00	7.26E-07	9.23E-07	1.43E-04	6.66E-05	4.94E-03	5.45E-05	3.38E-05	5.09E-03	6.33E-05	0.00E+00	7.26E-07	9.23E-07	6.50E-05
1027	490636.72, 3861285.12	0.03316	0.15578	0.00854	0.01069	1.41E-04	0.00E+00	7.26E-07	9.21E-07	1.43E-04	6.66E-05	4.91E-03	5.45E-05	3.38E-05	5.06E-03	6.33E-05	0.00E+00	7.26E-07	9.21E-07	6.50E-05
1028	490686.72, 3861285.12	0.03325	0.15515	0.00855	0.01068	1.42E-04	0.00E+00	7.27E-07	9.20E-07	1.43E-04	6.68E-05	4.89E-03	5.45E-05	3.37E-05	5.04E-03	6.35E-05	0.00E+00	7.27E-07	9.20E-07	6.52E-05
1029	490736.72, 3861285.12	0.03344	0.15485	0.00856	0.01069	1.42E-04	0.00E+00	7.28E-07	9.21E-07	1.44E-04	6.72E-05	4.88E-03	5.46E-05	3.38E-05	5.03E-03	6.39E-05	0.00E+00	7.28E-07	9.21E-07	6.55E-05
1030	490786.72, 3861285.12	0.03357	0.15409	0.00855	0.01068	1.43E-04	0.00E+00	7.27E-07	9.20E-07	1.45E-04	6.74E-05	4.85E-03	5.45E-05	3.37E-05	5.01E-03	6.41E-05	0.00E+00	7.27E-07	9.20E-07	6.58E-05
1031	490836.72, 3861285.12	0.03369	0.15314	0.00854	0.01065	1.43E-04	0.00E+00	7.26E-07	9.17E-07	1.45E-04	6.77E-05	4.82E-03	5.45E-05	3.36E-05	4.98E-03	6.43E-05	0.00E+00	7.26E-07	9.17E-07	6.60E-05
1032	490061.24, 3859716.13	0.06529	0.57117	0.01692	0.08374	2.78E-04	0.00E+00	1.44E-06	7.21E-06	2.87E-04	1.31E-04	1.80E-02	1.08E-04	2.64E-04	1.85E-02	1.25E-04	0.00E+00	1.44E-06	7.21E-06	1.33E-04
1033	490111.24, 3859716.13	0.06476	0.55905	0.0171	0.08086	2.76E-04	0.00E+00	1.45E-06	6.96E-06	2.84E-04	1.30E-04	1.76E-02	1.09E-04	2.55E-04	1.81E-02	1.24E-04	0.00E+00	1.45E-06	6.96E-06	1.32E-04
1034	490161.24, 3859716.13	0.0642	0.54755	0.01723	0.07819	2.73E-04	0.00E+00	1.47E-06	6.73E-06	2.82E-04	1.29E-04	1.72E-02	1.10E-04	2.47E-04	1.77E-02	1.23E-04	0.00E+00	1.47E-06	6.73E-06	1.31E-04
1035	490211.24, 3859716.13	0.06362	0.53734	0.01732	0.07574	2.71E-04	0.00E+00	1.47E-06	6.52E-06	2.79E-04	1.28E-04	1.69E-02	1.10E-04	2.39E-04	1.74E-02	1.22E-04	0.00E+00	1.47E-06	6.52E-06	1.30E-04
1036	490061.24, 3859766.13	0.06431	0.56941	0.01629	0.08162	2.74E-04	0.00E+00	1.39E-06	7.03E-06	2.82E-04	1.29E-04	1.79E-02	1.04E-04	2.58E-04	1.84E-02	1.23E-04	0.00E+00	1.39E-06	7.03E-06	1.31E-04
1037	490111.24, 3859766.13	0.06378	0.55784	0.01646	0.07882	2.72E-04	0.00E+00	1.40E-06	6.79E-06	2.80E-04	1.28E-04	1.76E-02	1.05E-04	2.49E-04	1.81E-02	1.22E-04	0.00E+00	1.40E-06	6.79E-06	1.30E-04
1038	490161.24, 3859766.13	0.06321	0.54758	0.01659	0.07624	2.69E-04	0.00E+00	1.41E-06	6.57E-06	2.77E-04	1.27E-04	1.72E-02	1.06E-04	2.41E-04	1.77E-02	1.21E-04	0.00E+00	1.41E-06	6.57E-06	1.29E-04
1039	490211.24, 3859766.13	0.06267	0.53616	0.01671	0.0738	2.67E-04	0.00E+00	1.42E-06	6.35E-06	2.75E-04	1.26E-04	1.69E-02	1.07E-04	2.33E-04	1.74E-02	1.20E-04	0.00E+00	1.42E-06	6.35E-06	1.27E-04
1040	490061.24, 3859816.13	0.06327	0.56875	0.01566	0.07938	2.69E-04	0.00E+00	1.33E-06	6.84E-06	2.78E-04	1.27E-04	1.79E-02	9.99E-05	2.51E-04	1.84E-02	1.21E-04	0.00E+00	1.33E-06	6.84E-06	1.29E-04
1041	490111.24, 3859816.13	0.06277	0.55842	0.01584	0.07667	2.67E-04	0.00E+00	1.35E-06	6.60E-06	2.75E-04	1.26E-04	1.76E-02	1.01E-04	2.42E-04	1.81E-02	1.20E-04	0.00E+00	1.35E-06	6.60E-06	1.28E-04
1042	490161.24, 3859816.13	0.06226	0.54673	0.016	0.07412	2.65E-04	0.00E+00	1.36E-06	6.38E-06	2.73E-04	1.25E-04	1.72E-02	1.02E-04	2.34E-04	1.77E-02	1.19E-04	0.00E+00	1.36E-06	6.38E-06	1.27E-04
1043	490211.24, 3859816.13	0.06172	0.53531	0.01613	0.07176	2.63E-04	0.00E+00	1.37E-06	6.18E-06	2.70E-04	1.24E-04	1.69E-02	1.03E-04	2.27E-04	1.73E-02	1.18E-04	0.00E+00	1.37E-06	6.18E-06	1.25E-04
1044	490061.24, 3859866.13	0.06218	0.57016	0.01504	0.07706	2.65E-04	0.00E+00	1.28E-06	6.64E-06	2.73E-04	1.25E-04	1.80E-02	9.59E-05	2.43E-04	1.84E-02	1.19E-04	0.00E+00	1.28E-06	6.64E-06	1.27E-04
1045	490111.24, 3859866.13	0.06177	0.55803	0.01525	0.0744	2.63E-04	0.00E+00	1.30E-06	6.41E-06	2.71E-04	1.24E-04	1.76E-02	9.73E-05	2.35E-04	1.80E-02	1.18E-04	0.00E+00	1.30E-06	6.41E-06	1.26E-04
1046	490161.24, 3859866.13	0.06133	0.54611	0.01544	0.07191	2.61E-04	0.00E+00	1.31E-06	6.19E-06	2.69E-04	1.23E-04	1.72E-02	9.85E-05	2.27E-04	1.77E-02	1.17E-04	0.00E+00	1.31E-06	6.19E-06	1.25E-04
1047	490211.24, 3859866.13	0.06085	0.53448	0.0156	0.06959	2.59E-04	0.00E+00	1.33E-06	5.99E-06	2.66E-04	1.22E-04	1.68E-02	9.95E-05	2.20E-04	1.73E-02	1.16E-04	0.00E+00	1.33E-06	5.99E-06	1.24E-04
1048	490061.24, 3859916.13	0.06101	0.57076	0.01444	0.07459	2.60E-04	0.00E+00	1.23E-06	6.42E-06	2.67E-04	1.23E-04	1.80E-02	9.21E-05	2.36E-04	1.84E-02	1.17E-04	0.00E+00	1.23E-06	6.42E-06	1.24E-04
1049	490111.24, 3859916.13	0.06072	0.5581	0.01467	0.072	2.59E-04	0.00E+00	1.25E-06	6.20E-06	2.66E-04	1.22E-04	1.76E-02	9.36E-05	2.27E-04	1.80E-02	1.16E-04	0.00E+00	1.25E-06	6.20E-06	1.23E-04
1050	490161.24, 3859916.13	0.06034	0.54586	0.01488	0.06961	2.57E-04	0.00E+00	1.27E-06	5.99E-06	2.64E-04	1.21E-04	1.72E-02	9.49E-05	2.20E-04	1.76E-02	1.15E-04	0.00E+00	1.27E-06	5.99E-06	1.23E-04
1051	490211.24, 3859916.13	0.0599	0.534	0.01505	0.0674	2.55E-04	0.00E+00	1.28E-06	5.80E-06	2.62E-04	1.20E-04	1.68E-02	9.60E-05	2.13E-04	1.73E-02	1.14E-04	0.00E+00	1.28E-06	5.80E-06	1.21E-04
1052	490229.25, 3859815.26	0.06158	0.53115	0.0162	0.07094	2.62E-04	0.00E+00	1.38E-06	6.11E-06	2.70E-04	1.24E-04	1.67E-02	1.03E-04	2.24E-04	1.72E-02	1.18E-04	0.00E+00	1.38E-06	6.11E-06	1.25E-04
1053	490279.25, 3859815.26	0.06103	0.52015	0.01628	0.0688	2.60E-04	0.00E+00	1.38E-06	5.92E-06	2.67E-04	1.23E-04	1.64E-02	1.04E-04	2.17E-04	1.68E-02	1.17E-04	0.00E+00	1.38E-06	5.92E-06	1.24E-04
1054	490329.25, 3859815.26	0.0605	0.50938	0.01635	0.0668	2.58E-04	0.00E+00	1.39E-06	5.75E-06	2.65E-04	1.22E-04	1.60E-02	1.04E-04	2.11E-04	1.65E-02	1.16E-04	0.00E+00	1.39E-06	5.75E-06	1.23E-04
1055	490379.25, 3859815.26	0.06009	0.49864	0.01646	0.06482	2.56E-04	0.00E+00	1.40E-06	5.58E-06	2.63E-04	1.21E-04	1.57E-02	1.05E-04	2.05E-04	1.61E-02	1.15E-04	0.00E+00	1.40E-06	5.58E-06	1.22E-04
1056	490429.25, 3859815.26	0.05979	0.48798	0.01659	0.06289	2.55E-04	0.00E+00	1.41E-06	5.42E-06	2.61E-04	1.20E-04	1.54E-02	1.06E-04	1.99E-04	1.58E-02	1.14E-04	0.00E+00	1.41E-06	5.42E-06	1.21E-04
1057	490229.25, 3859865.26	0.06069	0.53037	0.01566	0.06884	2.58E-04	0.00E+00	1.33E-06	5.93E-06	2.66E-04	1.22E-04	1.67E-02	9.99E-05	2.17E-04	1.71E-02	1.16E-04	0.00E+00	1.33E-06	5.93E-06	1.23E-04
1058	490279.25, 3859865.26	0.06016	0.51921	0.01576	0.06675	2.56E-04	0.00E+00	1.34E-06	5.75E-06	2.63E-04	1.21E-04	1.64E-02	1.01E-04	2.11E-04	1.68E-02	1.15E-04	0.00E+00	1.34E-06	5.75E-06	1.22E-04

1059	490329.25, 3859865.26	0.05963	0.50831	0.01584	0.06481	2.54E-04	0.00E+00	1.35E-06	5.58E-06	2.61E-04	1.20E-04	1.60E-02	1.01E-04	2.05E-04	1.64E-02	1.14E-04	0.00E+00	1.35E-06	5.58E-06	1.21E-04
1060	490379.25, 3859865.26	0.05916	0.49756	0.01592	0.06294	2.52E-04	0.00E+00	1.35E-06	5.42E-06	2.59E-04	1.19E-04	1.57E-02	1.02E-04	1.99E-04	1.61E-02	1.13E-04	0.00E+00	1.35E-06	5.42E-06	1.20E-04
1061	490429.25, 3859865.26	0.05874	0.48703	0.01599	0.06116	2.50E-04	0.00E+00	1.36E-06	5.27E-06	2.57E-04	1.18E-04	1.53E-02	1.02E-04	1.93E-04	1.58E-02	1.12E-04	0.00E+00	1.36E-06	5.27E-06	1.19E-04
1062	490229.25, 3859915.26	0.05977	0.52975	0.01512	0.06667	2.55E-04	0.00E+00	1.29E-06	5.74E-06	2.62E-04	1.20E-04	1.67E-02	9.64E-05	2.11E-04	1.71E-02	1.14E-04	0.00E+00	1.29E-06	5.74E-06	1.21E-04
1063	490279.25, 3859915.26	0.05926	0.51839	0.01523	0.06468	2.52E-04	0.00E+00	1.30E-06	5.57E-06	2.59E-04	1.19E-04	1.63E-02	9.71E-05	2.04E-04	1.67E-02	1.13E-04	0.00E+00	1.30E-06	5.57E-06	1.20E-04
1064	490329.25, 3859915.26	0.05876	0.50721	0.01533	0.06279	2.50E-04	0.00E+00	1.30E-06	5.41E-06	2.57E-04	1.18E-04	1.60E-02	9.78E-05	1.98E-04	1.64E-02	1.12E-04	0.00E+00	1.30E-06	5.41E-06	1.19E-04
1065	490379.25, 3859915.26	0.05829	0.49628	0.01542	0.061	2.48E-04	0.00E+00	1.31E-06	5.25E-06	2.55E-04	1.17E-04	1.56E-02	9.84E-05	1.93E-04	1.60E-02	1.11E-04	0.00E+00	1.31E-06	5.25E-06	1.18E-04
1066	490429.25, 3859915.26	0.05781	0.48567	0.01547	0.05933	2.46E-04	0.00E+00	1.32E-06	5.11E-06	2.53E-04	1.16E-04	1.53E-02	9.87E-05	1.87E-04	1.57E-02	1.10E-04	0.00E+00	1.32E-06	5.11E-06	1.17E-04
1067	490451.43, 3859872.59	0.05841	0.48231	0.01594	0.06015	2.49E-04	0.00E+00	1.36E-06	5.18E-06	2.55E-04	1.17E-04	1.52E-02	1.02E-04	1.90E-04	1.56E-02	1.12E-04	0.00E+00	1.36E-06	5.18E-06	1.18E-04
1068	490501.43, 3859872.59	0.0581	0.47201	0.01605	0.05845	2.47E-04	0.00E+00	1.37E-06	5.03E-06	2.54E-04	1.17E-04	1.49E-02	1.02E-04	1.85E-04	1.53E-02	1.11E-04	0.00E+00	1.37E-06	5.03E-06	1.17E-04
1069	490551.43, 3859872.59	0.05793	0.46169	0.01621	0.05675	2.47E-04	0.00E+00	1.38E-06	4.89E-06	2.53E-04	1.16E-04	1.45E-02	1.03E-04	1.79E-04	1.49E-02	1.11E-04	0.00E+00	1.38E-06	4.89E-06	1.17E-04
1070	490601.43, 3859872.59	0.05778	0.45078	0.01638	0.05517	2.46E-04	0.00E+00	1.39E-06	4.75E-06	2.52E-04	1.16E-04	1.42E-02	1.04E-04	1.74E-04	1.46E-02	1.10E-04	0.00E+00	1.39E-06	4.75E-06	1.17E-04
1071	490451.43, 3859922.59	0.05749	0.48079	0.01543	0.05833	2.45E-04	0.00E+00	1.31E-06	5.02E-06	2.51E-04	1.15E-04	1.51E-02	9.84E-05	1.84E-04	1.55E-02	1.10E-04	0.00E+00	1.31E-06	5.02E-06	1.16E-04
1072	490501.43, 3859922.59	0.0571	0.47047	0.0155	0.05674	2.43E-04	0.00E+00	1.32E-06	4.89E-06	2.49E-04	1.15E-04	1.48E-02	9.89E-05	1.79E-04	1.52E-02	1.09E-04	0.00E+00	1.32E-06	4.89E-06	1.15E-04
1073	490551.43, 3859922.59	0.05685	0.46022	0.01561	0.05513	2.42E-04	0.00E+00	1.33E-06	4.75E-06	2.48E-04	1.14E-04	1.45E-02	9.96E-05	1.74E-04	1.49E-02	1.09E-04	0.00E+00	1.33E-06	4.75E-06	1.15E-04
1074	490601.43, 3859922.59	0.05667	0.45009	0.01576	0.05358	2.41E-04	0.00E+00	1.34E-06	4.61E-06	2.47E-04	1.14E-04	1.42E-02	1.01E-04	1.69E-04	1.46E-02	1.08E-04	0.00E+00	1.34E-06	4.61E-06	1.14E-04
1075	482129.67, 3852241.07	0.03657	0.01451	0.00279	0.00491	1.56E-04	0.00E+00	2.37E-07	4.23E-07	1.56E-04	7.35E-05	4.57E-04	1.78E-05	1.55E-05	5.64E-04	6.98E-05	0.00E+00	2.37E-07	4.23E-07	7.05E-05
1076	482029.67, 3852291.07	0.03666	0.01519	0.00281	0.00486	1.56E-04	0.00E+00	2.39E-07	4.18E-07	1.57E-04	7.36E-05	4.78E-04	1.79E-05	1.53E-05	5.85E-04	7.00E-05	0.00E+00	2.39E-07	4.18E-07	7.07E-05
1077	482079.67, 3852291.07	0.03704	0.01508	0.00281	0.0049	1.58E-04	0.00E+00	2.39E-07	4.22E-07	1.58E-04	7.44E-05	4.75E-04	1.79E-05	1.55E-05	5.83E-04	7.07E-05	0.00E+00	2.39E-07	4.22E-07	7.14E-05
1078	482129.67, 3852291.07	0.03727	0.01492	0.00281	0.00495	1.59E-04	0.00E+00	2.39E-07	4.26E-07	1.59E-04	7.49E-05	4.70E-04	1.79E-05	1.56E-05	5.78E-04	7.12E-05	0.00E+00	2.39E-07	4.26E-07	7.18E-05
1079	482179.67, 3852291.07	0.03737	0.01468	0.00281	0.005	1.59E-04	0.00E+00	2.39E-07	4.31E-07	1.60E-04	7.51E-05	4.62E-04	1.79E-05	1.58E-05	5.71E-04	7.14E-05	0.00E+00	2.39E-07	4.31E-07	7.20E-05
1080	482229.67, 3852291.07	0.03732	0.01433	0.00282	0.00506	1.59E-04	0.00E+00	2.40E-07	4.36E-07	1.60E-04	7.50E-05	4.51E-04	1.80E-05	1.60E-05	5.60E-04	7.13E-05	0.00E+00	2.40E-07	4.36E-07	7.20E-05
1081	482029.67, 3852341.07	0.03684	0.01565	0.00283	0.0049	1.57E-04	0.00E+00	2.41E-07	4.22E-07	1.58E-04	7.40E-05	4.93E-04	1.81E-05	1.55E-05	6.00E-04	7.04E-05	0.00E+00	2.41E-07	4.22E-07	7.10E-05
1082	482079.67, 3852341.07	0.03742	0.01551	0.00283	0.00495	1.59E-04	0.00E+00	2.41E-07	4.26E-07	1.60E-04	7.52E-05	4.89E-04	1.81E-05	1.56E-05	5.97E-04	7.15E-05	0.00E+00	2.41E-07	4.26E-07	7.21E-05
1083	482129.67, 3852341.07	0.03782	0.01538	0.00283	0.00499	1.61E-04	0.00E+00	2.41E-07	4.30E-07	1.62E-04	7.60E-05	4.84E-04	1.81E-05	1.58E-05	5.94E-04	7.22E-05	0.00E+00	2.41E-07	4.30E-07	7.29E-05
1084	482179.67, 3852341.07	0.03808	0.01518	0.00283	0.00505	1.62E-04	0.00E+00	2.41E-07	4.35E-07	1.63E-04	7.65E-05	4.78E-04	1.81E-05	1.59E-05	5.89E-04	7.27E-05	0.00E+00	2.41E-07	4.35E-07	7.34E-05
1085	482259.06, 3852400.14	0.03889	0.01581	0.00287	0.00518	1.66E-04	0.00E+00	2.44E-07	4.46E-07	1.66E-04	7.81E-05	4.98E-04	1.83E-05	1.64E-05	6.11E-04	7.43E-05	0.00E+00	2.44E-07	4.46E-07	7.50E-05
1086	482309.06, 3852400.14	0.03907	0.01533	0.00287	0.00524	1.66E-04	0.00E+00	2.44E-07	4.51E-07	1.67E-04	7.85E-05	4.83E-04	1.83E-05	1.65E-05	5.96E-04	7.46E-05	0.00E+00	2.44E-07	4.51E-07	7.53E-05
1087	482209.06, 3852450.14	0.03921	0.01639	0.00289	0.00518	1.67E-04	0.00E+00	2.46E-07	4.46E-07	1.68E-04	7.88E-05	5.16E-04	1.84E-05	1.64E-05	6.30E-04	7.49E-05	0.00E+00	2.46E-07	4.46E-07	7.56E-05
1088	482259.06, 3852450.14	0.03958	0.01625	0.00289	0.00524	1.69E-04	0.00E+00	2.46E-07	4.51E-07	1.69E-04	7.95E-05	5.12E-04	1.84E-05	1.65E-05	6.26E-04	7.56E-05	0.00E+00	2.46E-07	4.51E-07	7.63E-05
1089	482309.06, 3852450.14	0.0399	0.01589	0.00289	0.00529	1.70E-04	0.00E+00	2.46E-07	4.56E-07	1.71E-04	8.01E-05	5.01E-04	1.84E-05	1.67E-05	6.16E-04	7.62E-05	0.00E+00	2.46E-07	4.56E-07	7.69E-05
1090	482209.06, 3852500.14	0.03955	0.01681	0.00292	0.00524	1.68E-04	0.00E+00	2.48E-07	4.51E-07	1.69E-04	7.94E-05	5.30E-04	1.86E-05	1.65E-05	6.44E-04	7.55E-05	0.00E+00	2.48E-07	4.51E-07	7.62E-05
1091	482259.06, 3852500.14	0.04014	0.01666	0.00291	0.00529	1.71E-04	0.00E+00	2.47E-07	4.56E-07	1.72E-04	8.06E-05	5.25E-04	1.86E-05	1.67E-05	6.41E-04	7.67E-05	0.00E+00	2.47E-07	4.56E-07	7.74E-05
1092	482309.06, 3852500.14	0.04058	0.01644	0.00291	0.00535	1.73E-04	0.00E+00	2.47E-07	4.61E-07	1.74E-04	8.15E-05	5.18E-04	1.86E-05	1.69E-05	6.35E-04	7.75E-05	0.00E+00	2.47E-07	4.61E-07	7.82E-05
1093	482283.91, 3852513.62	0.0405	0.01671	0.00292	0.00534	1.72E-04	0.00E+00	2.48E-07	4.60E-07	1.73E-04	8.13E-05	5.26E-04	1.86E-05	1.69E-05	6.43E-04	7.74E-05	0.00E+00	2.48E-07	4.60E-07	7.81E-05
1094	482333.91, 3852513.62	0.04087	0.01651	0.00292	0.00539	1.74E-04	0.00E+00	2.48E-07	4.64E-07	1.75E-04	8.21E-05	5.20E-04	1.86E-05	1.70E-05	6.38E-04	7.81E-05	0.00E+00	2.48E-07	4.64E-07	7.88E-05
1095	482283.91, 3852563.62	0.04083	0.01723	0.00295	0.00539	1.74E-04	0.00E+00	2.51E-07	4.64E-07	1.75E-04	8.20E-05	5.43E-04	1.88E-05	1.70E-05	6.61E-04	7.80E-05	0.00E+00	2.51E-07	4.64E-07	7.87E-05
1096	482333.91, 3852563.62	0.04137	0.01713	0.00295	0.00545	1.76E-04	0.00E+00	2.51E-07	4.69E-07	1.77E-04	8.31E-05	5.40E-04	1.88E-05	1.72E-05	6.59E-04	7.90E-05	0.00E+00	2.51E-07	4.69E-07	7.97E-05
1097	482383.91, 3852563.62	0.04169	0.01701	0.00295	0.0055	1.78E-04	0.00E+00	2.51E-07	4.74E-07	1.78E-04	8.37E-05	5.36E-04	1.88E-05	1.74E-05	6.56E-04	7.96E-05	0.00E+00	2.51E-07	4.74E-07	8.04E-05
1098	482283.91, 3852613.62	0.04114	0.0176	0.00297	0.00546	1.75E-04	0.00E+00	2.53E-07	4.70E-07	1.76E-04	8.26E-05	5.54E-04	1.89E-05	1.72E-05	6.73E-04	7.86E-05	0.00E+00	2.53E-07	4.70E-07	7.93E-05
1099	482333.91, 3852613.62	0.0418	0.01759	0.00297	0.00552	1.78E-04	0.00E+00	2.53E-07	4.75E-07	1.79E-04	8.40E-05	5.54E-04	1.89E-05	1.74E-05	6.74E-04	7.98E-05	0.00E+00	2.53E-07	4.75E-07	8.06E-05
1100	482383.91, 3852613.62	0.04226	0.01757	0.00297	0.00557	1.80E-04	0.00E+00	2.53E-07	4.80E-07	1.81E-04	8.49E-05	5.53E-04	1.89E-05	1.76E-05	6.75E-04	8.07E-05	0.00E+00	2.53E-07	4.80E-07	8.14E-05
1101	482602.38, 3852600.87	0.04221	0.01609	0.00298	0.00571	1.80E-04	0.00E+00	2.53E-07	4.92E-07	1.81E-04	8.48E-05	5.07E-04	1.90E-05	1.80E-05	6.29E-04	8.06E-05	0.00E+00	2.53E-07	4.92E-07	8.14E-05
1102	482652.38, 3852600.87	0.04174	0.01589	0.00299	0.00574	1.78E-04	0.00E+00	2.54E-07	4.94E-07	1.79E-04	8.38E-05	5.01E-04	1.91E-05	1.81E-05	6.22E-04	7.97E-05	0.00E+00	2.54E-07	4.94E-07	8.05E-05
1103	482702.38, 3852600.87	0.04124	0.0152	0.00301	0.00577	1.76E-04	0.00E+00	2.56E-07	4.97E-07	1.76E-04	8.28E-05	4.79E-04	1.92E-05	1.82E-05	5.99E-04	7.88E-05	0.00E+00	2.56E-07	4.97E-07	7.95E-05
1104	482552.38, 3852650.87	0.04366	0.01708	0.00299	0.00575	1.86E-04	0.00E+00	2.54E-07	4.95E-07	1.87E-04	8.77E-05	5.38E-04	1.91E-05	1.82E-05	6.63E-04	8.34E-05	0.00E+00	2.54E-07	4.95E-07	8.41E-05
1105	482602.38, 3852650.87	0.04349	0.01681	0.003	0.00578	1.85E-04	0.00E+00	2.55E-07	4.98E-07	1.86E-04	8.74E-05	5.30E-04	1.91E-05	1.82E-05	6.54E-04	8.31E-05	0.00E+00	2.55E-07	4.98E-07	8.38E-05
1106	482652.38, 3852650.87	0.04311	0.01662	0.00301	0.00581	1.84E-04	0.00E+00	2.56E-07	5.00E-07	1.84E-04	8.66E-05	5.24E-04	1.92E-05	1.83E-05	6.48E-04	8.23E-05	0.00E+00	2.56E-07	5.00E-07	8.31E-05
1107	482702.38, 3852650.87	0.04262	0.01639	0.00302	0.00583	1.82E-04	0.00E+00	2.57E-07	5.02E-07	1.82E-04	8.56E-05	5.16E-04	1.93E-05	1.84E-05	6.40E-04	8.14E-05	0.00E+00	2.57E-07	5.02E-07	8.22E-05
1108	482552.38, 3852700.87	0.0447	0.01768	0.00301	0.00583	1.90E-04	0.00E+00	2.56E-07	5.02E-07	1.91E-04	8.98E-05	5.57E-04	1.92E-05	1.84E-05	6.84E-04	8.54E-05	0.00E+00	2.56E-07	5.02E-07	8.61E-05
1109	482602.38, 3852700.87	0.04463	0.01754	0.00302	0.00586	1.90E-04	0.00E+00	2.57E-07	5.05E-07	1.91E-04	8.96E-05	5.53E-04	1.93E-05	1.85E-05	6.80E-04	8.52E-05	0.00E+00	2.57E-07	5.05E-07	8.60E-05
1110	482652.38, 3852700.87	0.04423	0.01763	0.00303	0.00588	1.88E-04	0.00E+00	2.58E-07	5.06E-07	1.89E-04	8.88E-05	5.55E-04	1.93E-05	1.86E-05	6.82E-04	8.45E-05	0.00E+00	2.58E-07	5.06E-07	8.52E-05
1111	482702.38, 3852700.87	0.04393	0.01734	0.00304	0.0059	1.87E-04	0.00E+00	2.59E-07	5.08E-07	1.88E-04	8.82E-05	5.46E-04	1.94E-05	1.86E-05	6.72E-04	8.39E-05	0.00E+00	2.59E-07	5.08E-07	8.47E-05
1112	482452.38, 3852750.87	0.04445	0.01863	0.00304	0.00584	1.89E-04	0.00E+00	2.59E-07	5.03E-07	1.90E-04	8.93E-05	5.87E-04	1.94E-05	1.84E-05	7.14E-04	8.49E-05	0.00E+00	2.59E-07	5.03E-07	8.57E-05
1113	482521.29, 3852749.74	0.04528	0.01842	0.00304	0.00589	1.93E-04	0.00E+00	2.59E-07	5.07E-07	1.94E-04	9.09E-05	5.80E-04	1.94E-05	1.86E-05	7.09E-04	8.65E-05	0.00E+00	2.59E-07	5.07E-07	8.72E-05
1114	482571.29, 3852749.74	0.04558	0.01826	0.00304	0.00593	1.94E-04	0.00E+00	2.59E-07	5.11E-07	1.95E-04	9.15E-05	5.75E-04	1.94E-05	1.87E-05	7.05E-04	8.71E-05	0.00E+00	2.59E-07	5.11E-07	8.78E-05
1115	482521.29, 3852799.74	0.04577	0.01902	0.00307	0.00598	1.95E-04	0.00E+00	2.61E-07	5.15E-07	1.96E-04	9.19E-05	5.99E-04	1.96E-05	1.89E-05	7.30E-04	8.74E-05	0.00E+00	2.61E-07	5.15E-07	8.82E-05
1116	482571.29, 3852799.74	0.04631	0.01889	0.00307	0.00602	1.97E-04	0.00E+00	2.61E-07	5.18E-07	1.98E-04	9.30E-05	5.95E-04	1.96E-05	1.90E-05	7.27E-04	8.84E-05	0.00E+00	2.61E-07	5.18E-07	8.92E-05
1117	482621.29, 3852799.74	0.04662	0.01872	0.00307	0.00605	1.99E-04	0.00E+00	2.61E-07	5.21E-07	1.99E-04	9.36E-05	5.90E-04	1.96E-05	1.91E-05	7.22E-04	8.90E-05	0.00E+00	2.61E-07	5.21E-07	8.98E-05

1118	482571.29, 3852849.74	0.04696	0.01939	0.00309	0.00611	2.00E-04	0.00E+00	2.63E-07	5.26E-07	2.01E-04	9.43E-05	6.11E-04	1.97E-05	1.93E-05	7.44E-04	8.97E-05	0.00E+00	2.63E-07	5.26E-07	9.05E-05
1119	482621.29, 3852849.74	0.04757	0.01917	0.00309	0.00614	2.03E-04	0.00E+00	2.63E-07	5.29E-07	2.03E-04	9.55E-05	6.04E-04	1.97E-05	1.94E-05	7.38E-04	9.09E-05	0.00E+00	2.63E-07	5.29E-07	9.16E-05
1120	482577.42, 3852901.55	0.04757	0.01983	0.00312	0.00622	2.03E-04	0.00E+00	2.65E-07	5.36E-07	2.03E-04	9.55E-05	6.25E-04	1.99E-05	1.96E-05	7.60E-04	9.09E-05	0.00E+00	2.65E-07	5.36E-07	9.17E-05
1121	482627.42, 3852901.55	0.04845	0.0196	0.00312	0.00625	2.06E-04	0.00E+00	2.65E-07	5.38E-07	2.07E-04	9.73E-05	6.17E-04	1.99E-05	1.97E-05	7.54E-04	9.25E-05	0.00E+00	2.65E-07	5.38E-07	9.33E-05
1122	482629.96, 3852955.85	0.049	0.02017	0.00315	0.00637	2.09E-04	0.00E+00	2.68E-07	5.49E-07	2.09E-04	9.84E-05	6.35E-04	2.01E-05	2.01E-05	7.74E-04	9.36E-05	0.00E+00	2.68E-07	5.49E-07	9.44E-05
1123	482679.96, 3852955.85	0.0499	0.01995	0.00315	0.00639	2.13E-04	0.00E+00	2.68E-07	5.50E-07	2.13E-04	1.00E-04	6.28E-04	2.01E-05	2.02E-05	7.69E-04	9.53E-05	0.00E+00	2.68E-07	5.50E-07	9.61E-05
1124	482781.63, 3853034.48	0.05258	0.02025	0.00319	0.0066	2.24E-04	0.00E+00	2.71E-07	5.68E-07	2.25E-04	1.06E-04	6.38E-04	2.03E-05	2.08E-05	7.85E-04	1.00E-04	0.00E+00	2.71E-07	5.68E-07	1.01E-04
1125	482831.63, 3853034.48	0.05309	0.01994	0.00318	0.0066	2.26E-04	0.00E+00	2.70E-07	5.68E-07	2.27E-04	1.07E-04	6.28E-04	2.03E-05	2.08E-05	7.76E-04	1.01E-04	0.00E+00	2.70E-07	5.68E-07	1.02E-04
1126	482881.63, 3853034.48	0.05325	0.01964	0.00319	0.00659	2.27E-04	0.00E+00	2.71E-07	5.67E-07	2.28E-04	1.07E-04	6.19E-04	2.03E-05	2.08E-05	7.67E-04	1.02E-04	0.00E+00	2.71E-07	5.67E-07	1.03E-04
1127	482781.63, 3853084.48	0.0533	0.02087	0.00321	0.00673	2.27E-04	0.00E+00	2.73E-07	5.80E-07	2.28E-04	1.07E-04	6.57E-04	2.05E-05	2.12E-05	8.06E-04	1.02E-04	0.00E+00	2.73E-07	5.80E-07	1.03E-04
1128	482831.63, 3853084.48	0.05415	0.02055	0.00321	0.00673	2.31E-04	0.00E+00	2.73E-07	5.80E-07	2.31E-04	1.09E-04	6.47E-04	2.05E-05	2.12E-05	7.98E-04	1.03E-04	0.00E+00	2.73E-07	5.80E-07	1.04E-04
1129	482881.63, 3853084.48	0.05462	0.02026	0.00321	0.00671	2.33E-04	0.00E+00	2.73E-07	5.78E-07	2.33E-04	1.10E-04	6.38E-04	2.05E-05	2.12E-05	7.90E-04	1.04E-04	0.00E+00	2.73E-07	5.78E-07	1.05E-04
1130	482781.63, 3853134.48	0.05366	0.02157	0.00325	0.00686	2.29E-04	0.00E+00	2.76E-07	5.91E-07	2.29E-04	1.08E-04	6.79E-04	2.07E-05	2.17E-05	8.30E-04	1.02E-04	0.00E+00	2.76E-07	5.91E-07	1.03E-04
1131	482831.63, 3853134.48	0.05486	0.02126	0.00324	0.00686	2.34E-04	0.00E+00	2.76E-07	5.91E-07	2.34E-04	1.10E-04	6.70E-04	2.07E-05	2.17E-05	8.22E-04	1.05E-04	0.00E+00	2.76E-07	5.91E-07	1.06E-04
1132	482881.63, 3853134.48	0.05564	0.02104	0.00324	0.00685	2.37E-04	0.00E+00	2.76E-07	5.90E-07	2.38E-04	1.12E-04	6.63E-04	2.07E-05	2.16E-05	8.17E-04	1.06E-04	0.00E+00	2.76E-07	5.90E-07	1.07E-04
1133	482831.63, 3853184.48	0.05526	0.02199	0.00328	0.007	2.35E-04	0.00E+00	2.79E-07	6.03E-07	2.36E-04	1.11E-04	6.93E-04	2.09E-05	2.21E-05	8.47E-04	1.06E-04	0.00E+00	2.79E-07	6.03E-07	1.06E-04
1134	482881.63, 3853184.48	0.05639	0.02178	0.00328	0.00699	2.40E-04	0.00E+00	2.79E-07	6.02E-07	2.41E-04	1.13E-04	6.86E-04	2.09E-05	2.21E-05	8.42E-04	1.08E-04	0.00E+00	2.79E-07	6.02E-07	1.09E-04
1135	484154.84, 3854250.98	0.1117	0.02081	0.00412	0.02044	4.76E-04	0.00E+00	3.50E-07	1.76E-06	4.78E-04	2.24E-04	6.56E-04	2.63E-05	6.45E-05	9.71E-04	2.13E-04	0.00E+00	3.50E-07	1.76E-06	2.15E-04
1136	484204.84, 3854250.98	0.10752	0.02077	0.00416	0.02063	4.58E-04	0.00E+00	3.54E-07	1.78E-06	4.60E-04	2.16E-04	6.54E-04	2.65E-05	6.51E-05	9.62E-04	2.05E-04	0.00E+00	3.54E-07	1.78E-06	2.07E-04
1137	484154.84, 3854300.98	0.11399	0.02127	0.00414	0.0227	4.85E-04	0.00E+00	3.52E-07	1.95E-06	4.88E-04	2.29E-04	6.70E-04	2.64E-05	7.17E-05	9.97E-04	2.18E-04	0.00E+00	3.52E-07	1.95E-06	2.20E-04
1138	484204.84, 3854300.98	0.11113	0.0215	0.00417	0.02287	4.73E-04	0.00E+00	3.55E-07	1.97E-06	4.76E-04	2.23E-04	6.77E-04	2.66E-05	7.22E-05	9.99E-04	2.12E-04	0.00E+00	3.55E-07	1.97E-06	2.15E-04
1139	484074.19, 3854519.8	0.13163	0.0288	0.0043	0.03753	5.61E-04	0.00E+00	3.66E-07	3.23E-06	5.64E-04	2.64E-04	9.07E-04	2.74E-05	1.18E-04	1.32E-03	2.51E-04	0.00E+00	3.66E-07	3.23E-06	2.55E-04
1140	484124.19, 3854519.8	0.1303	0.02854	0.00431	0.03686	5.55E-04	0.00E+00	3.67E-07	3.17E-06	5.58E-04	2.62E-04	8.99E-04	2.75E-05	1.16E-04	1.30E-03	2.49E-04	0.00E+00	3.67E-07	3.17E-06	2.52E-04
1141	484074.19, 3854569.8	0.13454	0.0318	0.00434	0.04192	5.73E-04	0.00E+00	3.69E-07	3.61E-06	5.77E-04	2.70E-04	1.00E-03	2.77E-05	1.32E-04	1.43E-03	2.57E-04	0.00E+00	3.69E-07	3.61E-06	2.61E-04
1142	484124.19, 3854569.8	0.13139	0.03126	0.00435	0.04078	5.60E-04	0.00E+00	3.70E-07	3.51E-06	5.63E-04	2.64E-04	9.85E-04	2.77E-05	1.29E-04	1.41E-03	2.51E-04	0.00E+00	3.70E-07	3.51E-06	2.55E-04
1143	485205.11, 3855188.89	1.97715	0.09516	0.00549	0.03793	8.42E-03	0.00E+00	4.67E-07	3.27E-06	8.42E-03	3.97E-03	3.00E-03	3.50E-05	1.20E-04	7.12E-03	3.78E-03	0.00E+00	4.67E-07	3.27E-06	3.78E-03
1144	485255.11, 3855188.89	1.75153	0.09212	0.00561	0.03825	7.46E-03	0.00E+00	4.77E-07	3.29E-06	7.46E-03	3.52E-03	2.90E-03	3.58E-05	1.21E-04	6.58E-03	3.35E-03	0.00E+00	4.77E-07	3.29E-06	3.35E-03
1145	485205.11, 3855238.89	2.37519	0.09965	0.00551	0.04014	1.01E-02	0.00E+00	4.69E-07	3.46E-06	1.01E-02	4.77E-03	3.14E-03	3.51E-05	1.27E-04	8.07E-03	4.54E-03	0.00E+00	4.69E-07	3.46E-06	4.54E-03
1146	485255.11, 3855238.89	2.16161	0.09819	0.00559	0.04059	9.21E-03	0.00E+00	4.75E-07	3.50E-06	9.21E-03	4.34E-03	3.09E-03	3.57E-05	1.28E-04	7.60E-03	4.13E-03	0.00E+00	4.75E-07	3.50E-06	4.13E-03
1147	485205.11, 3855288.89	3.19091	0.10936	0.00553	0.04273	1.36E-02	0.00E+00	4.70E-07	3.68E-06	1.36E-02	6.41E-03	3.44E-03	3.53E-05	1.35E-04	1.00E-02	6.09E-03	0.00E+00	4.70E-07	3.68E-06	6.10E-03
1148	485255.11, 3855288.89	2.78051	0.10735	0.00559	0.04332	1.18E-02	0.00E+00	4.75E-07	3.73E-06	1.18E-02	5.58E-03	3.38E-03	3.57E-05	1.37E-04	9.14E-03	5.31E-03	0.00E+00	4.75E-07	3.73E-06	5.31E-03
1149	485255.11, 3855338.89	3.57905	0.11752	0.00562	0.04653	1.52E-02	0.00E+00	4.78E-07	4.01E-06	1.52E-02	7.19E-03	3.70E-03	3.58E-05	1.47E-04	1.11E-02	6.84E-03	0.00E+00	4.78E-07	4.01E-06	6.84E-03
1150	485305.11, 3855338.89	3.09681	0.11398	0.00568	0.04705	1.32E-02	0.00E+00	4.83E-07	4.05E-06	1.32E-02	6.22E-03	3.59E-03	3.62E-05	1.49E-04	1.00E-02	5.91E-03	0.00E+00	4.83E-07	4.05E-06	5.92E-03
1151	485852.5, 3855635.28	2.72636	0.1403	0.00702	0.0673	1.16E-02	0.00E+00	5.97E-07	5.80E-06	1.16E-02	5.48E-03	4.42E-03	4.48E-05	2.12E-04	1.02E-02	5.21E-03	0.00E+00	5.97E-07	5.80E-06	5.21E-03
1152	485902.5, 3855635.28	2.49121	0.13638	0.00728	0.06661	1.06E-02	0.00E+00	6.19E-07	5.74E-06	1.06E-02	5.00E-03	4.30E-03	4.64E-05	2.10E-04	9.56E-03	4.76E-03	0.00E+00	6.19E-07	5.74E-06	4.76E-03
1153	485852.5, 3855685.28	3.04006	0.14852	0.00697	0.07165	1.29E-02	0.00E+00	5.93E-07	6.17E-06	1.30E-02	6.11E-03	4.68E-03	4.45E-05	2.26E-04	1.11E-02	5.81E-03	0.00E+00	5.93E-07	6.17E-06	5.81E-03
1154	485902.5, 3855685.28	2.75907	0.14424	0.0072	0.07083	1.17E-02	0.00E+00	6.12E-07	6.10E-06	1.18E-02	5.54E-03	4.54E-03	4.59E-05	2.24E-04	1.04E-02	5.27E-03	0.00E+00	6.12E-07	6.10E-06	5.28E-03
1155	485852.5, 3855735.28	3.41337	0.15732	0.00694	0.07633	1.45E-02	0.00E+00	5.90E-07	6.57E-06	1.45E-02	6.86E-03	4.96E-03	4.43E-05	2.41E-04	1.21E-02	6.52E-03	0.00E+00	5.90E-07	6.57E-06	6.53E-03
1156	485902.5, 3855735.28	3.10426	0.15385	0.00712	0.07525	1.32E-02	0.00E+00	6.06E-07	6.48E-06	1.32E-02	6.24E-03	4.85E-03	4.54E-05	2.38E-04	1.14E-02	5.93E-03	0.00E+00	6.06E-07	6.48E-06	5.94E-03
1157	485852.5, 3855785.28	3.91844	0.16826	0.00694	0.08112	1.67E-02	0.00E+00	5.90E-07	6.99E-06	1.67E-02	7.87E-03	5.30E-03	4.43E-05	2.56E-04	1.35E-02	7.48E-03	0.00E+00	5.90E-07	6.99E-06	7.49E-03
1158	485902.5, 3855785.28	3.4655	0.16232	0.0071	0.07982	1.48E-02	0.00E+00	6.04E-07	6.87E-06	1.48E-02	6.96E-03	5.11E-03	4.53E-05	2.52E-04	1.24E-02	6.62E-03	0.00E+00	6.04E-07	6.87E-06	6.63E-03
1159	486809.46, 3856465.28	3.07921	0.22399	0.01179	0.05663	1.31E-02	0.00E+00	1.00E-06	4.88E-06	1.31E-02	6.18E-03	7.06E-03	7.52E-05	1.79E-04	1.35E-02	5.88E-03	0.00E+00	1.00E-06	4.88E-06	5.89E-03
1160	486859.46, 3856465.28	2.90223	0.22198	0.01198	0.05509	1.24E-02	0.00E+00	1.02E-06	4.74E-06	1.24E-02	5.83E-03	6.99E-03	7.64E-05	1.74E-04	1.31E-02	5.54E-03	0.00E+00	1.02E-06	4.74E-06	5.55E-03
1161	486909.46, 3856465.28	2.7379	0.21933	0.01217	0.05366	1.17E-02	0.00E+00	1.04E-06	4.62E-06	1.17E-02	5.50E-03	6.91E-03	7.76E-05	1.69E-04	1.27E-02	5.23E-03	0.00E+00	1.04E-06	4.62E-06	5.23E-03
1162	486809.46, 3856515.28	3.36633	0.23278	0.01193	0.0549	1.43E-02	0.00E+00	1.01E-06	4.73E-06	1.43E-02	6.76E-03	7.33E-03	7.61E-05	1.73E-04	1.43E-02	6.43E-03	0.00E+00	1.01E-06	4.73E-06	6.44E-03
1163	486859.46, 3856515.28	3.1594	0.23125	0.01216	0.05339	1.35E-02	0.00E+00	1.03E-06	4.60E-06	1.35E-02	6.35E-03	7.28E-03	7.76E-05	1.69E-04	1.39E-02	6.03E-03	0.00E+00	1.03E-06	4.60E-06	6.04E-03
1164	486909.46, 3856515.28	2.96809	0.2289	0.01237	0.052	1.26E-02	0.00E+00	1.05E-06	4.48E-06	1.26E-02	5.96E-03	7.21E-03	7.89E-05	1.64E-04	1.34E-02	5.67E-03	0.00E+00	1.05E-06	4.48E-06	5.67E-03
1165	486980.94, 3856357.95	2.20907	0.19907	0.01231	0.05441	9.41E-03	0.00E+00	1.05E-06	4.69E-06	9.41E-03	4.44E-03	6.27E-03	7.85E-05	1.72E-04	1.10E-02	4.22E-03	0.00E+00	1.05E-06	4.69E-06	4.22E-03
1166	487030.94, 3856357.95	2.11731	0.19727	0.01279	0.05313	9.02E-03	0.00E+00	1.09E-06	4.58E-06	9.02E-03	4.25E-03	6.21E-03	8.16E-05	1.68E-04	1.07E-02	4.04E-03	0.00E+00	1.09E-06	4.58E-06	4.05E-03
1167	486980.94, 3856407.95	2.35739	0.20749	0.01236	0.05327	1.00E-02	0.00E+00	1.05E-06	4.59E-06	1.00E-02	4.73E-03	6.54E-03	7.88E-05	1.68E-04	1.15E-02	4.50E-03	0.00E+00	1.05E-06	4.59E-06	4.51E-03
1168	487030.94, 3856407.95	2.25109	0.20533	0.01281	0.05201	9.59E-03	0.00E+00	1.09E-06	4.48E-06	9.59E-03	4.52E-03	6.47E-03	8.17E-05	1.64E-04	1.12E-02	4.30E-03	0.00E+00	1.09E-06	4.48E-06	4.31E-03
1169	487447.18, 3856437.45	1.6837	0.19505	0.01731	0.04316	7.17E-03	0.00E+00	1.47E-06	3.72E-06	7.18E-03	3.38E-03	6.14E-03	1.10E-04	1.36E-04	9.77E-03	3.22E-03	0.00E+00	1.47E-06	3.72E-06	3.22E-03
1170	487497.18, 3856437.45	1.6277	0.19352	0.01833	0.04236	6.93E-03	0.00E+00	1.56E-06	3.65E-06	6.94E-03	3.27E-03	6.10E-03	1.17E-04	1.34E-04	9.62E-03	3.11E-03	0.00E+00	1.56E-06	3.65E-06	3.11E-03
1171	487547.18, 3856437.45	1.5751	0.19222	0.01943	0.04158	6.71E-03	0.00E+00	1.65E-06	3.58E-06	6.71E-03	3.16E-03	6.05E-03	1.24E-04	1.31E-04	9.47E-03	3.01E-03	0.00E+00	1.65E-06	3.58E-06	3.01E-03
1172	487447.18, 3856487.45	1.75893	0.202	0.01751	0.04205	7.49E-03	0.00E+00	1.49E-06	3.62E-06	7.50E-03	3.53E-03	6.36E-03	1.12E-04	1.33E-04	1.01E-02	3.36E-03	0.00E+00	1.49E-06	3.62E-06	3.36E-03
1173	487497.18, 3856487.45	1.69673	0.20019	0.01849	0.04129	7.23E-03	0.00E+00	1.57E-06	3.56E-06	7.23E-03	3.41E-03	6.31E-03	1.18E-04	1.30E-04	9.96E-03	3.24E-03	0.00E+00	1.57E-06	3.56E-06	3.25E-03
1174	487547.18, 3856487.45	1.64406	0.19882	0.01959	0.04055	7.00E-03	0.00E+00	1.67E-06	3.49E-06	7.01E-03	3.30E-03	6.26E-03	1.25E-04	1.28E-04	9.82E-03	3.14E-03	0.00E+00	1.67E-06	3.49E-06	3.15E-03
1175	487447.18, 3856537.45	1.84308	0.20894	0.01776	0.04088	7.85E-03	0.00E+00	1.51E-06	3.52E-06	7.85E-03	3.70E-03	6.58E-03	1.13E-04	1.29E-04	1.05E-02	3.52E-03	0.00E+00	1.51E-06	3.52E-06	3.53E-03
1176	487497.18, 3856537.45	1.77337	0.20683	0.01869	0.04017	7.55E-03	0.00E+00	1.59E-06	3.46E-06	7.56E-03	3.56E-03	6.52E-03	1.19E-04	1.27E-04	1.03E-02	3.39E-03	0.00E+00	1.59E-06	3.46E-06	3.39E-03

1177	487547.18, 3856537.45	1.70921	0.20557	0.01978	0.03947	7.28E-03	0.00E+00	1.68E-06	3.40E-06	7.28E-03	3.43E-03	6.48E-03	1.26E-04	1.25E-04	1.02E-02	3.26E-03	0.00E+00	1.68E-06	3.40E-06	3.27E-03
1178	489285.89, 3858826.54	0.10588	0.69722	0.04699	0.07792	4.51E-04	0.00E+00	4.00E-06	6.71E-06	4.62E-04	2.13E-04	2.20E-02	3.00E-04	2.46E-04	2.27E-02	2.02E-04	0.00E+00	4.00E-06	6.71E-06	2.13E-04
1179	489335.89, 3858826.54	0.10543	0.67801	0.04845	0.077	4.49E-04	0.00E+00	4.12E-06	6.63E-06	4.60E-04	2.12E-04	2.14E-02	3.09E-04	2.43E-04	2.21E-02	2.01E-04	0.00E+00	4.12E-06	6.63E-06	2.12E-04
1180	489385.89, 3858826.54	0.10516	0.65837	0.04984	0.07602	4.48E-04	0.00E+00	4.24E-06	6.55E-06	4.59E-04	2.11E-04	2.07E-02	3.18E-04	2.40E-04	2.15E-02	2.01E-04	0.00E+00	4.24E-06	6.55E-06	2.12E-04
1181	489435.89, 3858826.54	0.10498	0.64059	0.05106	0.07505	4.47E-04	0.00E+00	4.34E-06	6.46E-06	4.58E-04	2.11E-04	2.02E-02	3.26E-04	2.37E-04	2.10E-02	2.01E-04	0.00E+00	4.34E-06	6.46E-06	2.11E-04
1182	489485.89, 3858826.54	0.10489	0.62398	0.05213	0.07407	4.47E-04	0.00E+00	4.43E-06	6.38E-06	4.58E-04	2.11E-04	1.97E-02	3.33E-04	2.34E-04	2.04E-02	2.00E-04	0.00E+00	4.43E-06	6.38E-06	2.11E-04
1183	489535.89, 3858826.54	0.10494	0.60796	0.05307	0.0731	4.47E-04	0.00E+00	4.51E-06	6.29E-06	4.58E-04	2.11E-04	1.92E-02	3.39E-04	2.31E-04	1.99E-02	2.00E-04	0.00E+00	4.51E-06	6.29E-06	2.11E-04
1184	489585.89, 3858826.54	0.10507	0.59287	0.05389	0.07214	4.47E-04	0.00E+00	4.58E-06	6.21E-06	4.58E-04	2.11E-04	1.87E-02	3.44E-04	2.28E-04	1.95E-02	2.01E-04	0.00E+00	4.58E-06	6.21E-06	2.11E-04
1185	489635.89, 3858826.54	0.10533	0.57793	0.05461	0.07118	4.49E-04	0.00E+00	4.64E-06	6.13E-06	4.59E-04	2.12E-04	1.82E-02	3.48E-04	2.25E-04	1.90E-02	2.01E-04	0.00E+00	4.64E-06	6.13E-06	2.12E-04
1186	489685.89, 3858826.54	0.1057	0.56346	0.05523	0.07024	4.50E-04	0.00E+00	4.70E-06	6.05E-06	4.61E-04	2.12E-04	1.77E-02	3.52E-04	2.22E-04	1.85E-02	2.02E-04	0.00E+00	4.70E-06	6.05E-06	2.13E-04
1187	489735.89, 3858826.54	0.10614	0.54957	0.05576	0.06931	4.52E-04	0.00E+00	4.74E-06	5.97E-06	4.63E-04	2.13E-04	1.73E-02	3.56E-04	2.19E-04	1.81E-02	2.03E-04	0.00E+00	4.74E-06	5.97E-06	2.13E-04
1188	489785.89, 3858826.54	0.10661	0.53707	0.05627	0.0684	4.54E-04	0.00E+00	4.79E-06	5.89E-06	4.65E-04	2.14E-04	1.69E-02	3.59E-04	2.16E-04	1.77E-02	2.04E-04	0.00E+00	4.79E-06	5.89E-06	2.14E-04
1189	489835.89, 3858826.54	0.1072	0.52406	0.0567	0.06748	4.57E-04	0.00E+00	4.82E-06	5.81E-06	4.67E-04	2.15E-04	1.65E-02	3.62E-04	2.13E-04	1.73E-02	2.05E-04	0.00E+00	4.82E-06	5.81E-06	2.15E-04
1190	489885.89, 3858826.54	0.10775	0.51275	0.05714	0.06658	4.59E-04	0.00E+00	4.86E-06	5.73E-06	4.69E-04	2.16E-04	1.62E-02	3.64E-04	2.10E-04	1.69E-02	2.06E-04	0.00E+00	4.86E-06	5.73E-06	2.16E-04
1191	489935.89, 3858826.54	0.10836	0.5016	0.05753	0.06568	4.61E-04	0.00E+00	4.89E-06	5.66E-06	4.72E-04	2.18E-04	1.58E-02	3.67E-04	2.07E-04	1.66E-02	2.07E-04	0.00E+00	4.89E-06	5.66E-06	2.18E-04
1192	489985.89, 3858826.54	0.10902	0.49057	0.05787	0.06479	4.64E-04	0.00E+00	4.92E-06	5.58E-06	4.75E-04	2.19E-04	1.55E-02	3.69E-04	2.05E-04	1.62E-02	2.08E-04	0.00E+00	4.92E-06	5.58E-06	2.19E-04
1193	490035.89, 3858826.54	0.10976	0.47879	0.05812	0.0639	4.67E-04	0.00E+00	4.94E-06	5.50E-06	4.78E-04	2.20E-04	1.51E-02	3.71E-04	2.02E-04	1.59E-02	2.10E-04	0.00E+00	4.94E-06	5.50E-06	2.20E-04
1194	489285.89, 3858876.54	0.10302	0.74909	0.04126	0.08254	4.39E-04	0.00E+00	3.51E-06	7.11E-06	4.49E-04	2.07E-04	2.36E-02	2.63E-04	2.61E-04	2.43E-02	1.97E-04	0.00E+00	3.51E-06	7.11E-06	2.07E-04
1195	489335.89, 3858876.54	0.10246	0.72481	0.04262	0.08138	4.36E-04	0.00E+00	3.62E-06	7.01E-06	4.47E-04	2.06E-04	2.28E-02	2.72E-04	2.57E-04	2.36E-02	1.96E-04	0.00E+00	3.62E-06	7.01E-06	2.06E-04
1196	489385.89, 3858876.54	0.10199	0.70248	0.04391	0.0802	4.34E-04	0.00E+00	3.73E-06	6.91E-06	4.45E-04	2.05E-04	2.21E-02	2.80E-04	2.53E-04	2.29E-02	1.95E-04	0.00E+00	3.73E-06	6.91E-06	2.05E-04
1197	489435.89, 3858876.54	0.10164	0.68132	0.04512	0.07902	4.33E-04	0.00E+00	3.84E-06	6.80E-06	4.43E-04	2.04E-04	2.15E-02	2.88E-04	2.49E-04	2.22E-02	1.94E-04	0.00E+00	3.84E-06	6.80E-06	2.05E-04
1198	489485.89, 3858876.54	0.1014	0.66133	0.04623	0.07785	4.32E-04	0.00E+00	3.93E-06	6.70E-06	4.42E-04	2.04E-04	2.08E-02	2.95E-04	2.46E-04	2.16E-02	1.94E-04	0.00E+00	3.93E-06	6.70E-06	2.04E-04
1199	489535.89, 3858876.54	0.10129	0.64227	0.04724	0.07669	4.31E-04	0.00E+00	4.02E-06	6.60E-06	4.42E-04	2.03E-04	2.02E-02	3.01E-04	2.42E-04	2.10E-02	1.93E-04	0.00E+00	4.02E-06	6.60E-06	2.04E-04
1200	489585.89, 3858876.54	0.10133	0.62338	0.04813	0.07554	4.32E-04	0.00E+00	4.09E-06	6.50E-06	4.42E-04	2.04E-04	1.96E-02	3.07E-04	2.39E-04	2.04E-02	1.94E-04	0.00E+00	4.09E-06	6.50E-06	2.04E-04
1201	489635.89, 3858876.54	0.1014	0.60679	0.04891	0.07444	4.32E-04	0.00E+00	4.16E-06	6.41E-06	4.42E-04	2.04E-04	1.91E-02	3.12E-04	2.35E-04	1.99E-02	1.94E-04	0.00E+00	4.16E-06	6.41E-06	2.04E-04
1202	489685.89, 3858876.54	0.1016	0.59038	0.0496	0.07335	4.33E-04	0.00E+00	4.22E-06	6.32E-06	4.43E-04	2.04E-04	1.86E-02	3.16E-04	2.32E-04	1.93E-02	1.94E-04	0.00E+00	4.22E-06	6.32E-06	2.05E-04
1203	489735.89, 3858876.54	0.10191	0.57429	0.05018	0.07226	4.34E-04	0.00E+00	4.27E-06	6.22E-06	4.44E-04	2.05E-04	1.81E-02	3.20E-04	2.28E-04	1.88E-02	1.95E-04	0.00E+00	4.27E-06	6.22E-06	2.05E-04
1204	489785.89, 3858876.54	0.10224	0.56013	0.05072	0.07121	4.35E-04	0.00E+00	4.31E-06	6.13E-06	4.46E-04	2.05E-04	1.76E-02	3.24E-04	2.25E-04	1.84E-02	1.95E-04	0.00E+00	4.31E-06	6.13E-06	2.06E-04
1205	489835.89, 3858876.54	0.10269	0.54577	0.0512	0.07016	4.37E-04	0.00E+00	4.35E-06	6.04E-06	4.48E-04	2.06E-04	1.72E-02	3.27E-04	2.22E-04	1.79E-02	1.96E-04	0.00E+00	4.35E-06	6.04E-06	2.07E-04
1206	489885.89, 3858876.54	0.1031	0.53374	0.0517	0.06914	4.39E-04	0.00E+00	4.40E-06	5.95E-06	4.49E-04	2.07E-04	1.68E-02	3.30E-04	2.18E-04	1.76E-02	1.97E-04	0.00E+00	4.40E-06	5.95E-06	2.07E-04
1207	489935.89, 3858876.54	0.10369	0.52034	0.05211	0.06811	4.42E-04	0.00E+00	4.43E-06	5.86E-06	4.52E-04	2.08E-04	1.64E-02	3.32E-04	2.15E-04	1.71E-02	1.98E-04	0.00E+00	4.43E-06	5.86E-06	2.08E-04
1208	489985.89, 3858876.54	0.10433	0.50719	0.05248	0.0671	4.44E-04	0.00E+00	4.46E-06	5.78E-06	4.55E-04	2.10E-04	1.60E-02	3.35E-04	2.12E-04	1.67E-02	1.99E-04	0.00E+00	4.46E-06	5.78E-06	2.10E-04
1209	490035.89, 3858876.54	0.10499	0.49484	0.05284	0.06611	4.47E-04	0.00E+00	4.49E-06	5.69E-06	4.57E-04	2.11E-04	1.56E-02	3.37E-04	2.09E-04	1.63E-02	2.01E-04	0.00E+00	4.49E-06	5.69E-06	2.11E-04
1210	489285.89, 3858926.54	0.10039	0.80295	0.03655	0.08746	4.28E-04	0.00E+00	3.11E-06	7.53E-06	4.38E-04	2.02E-04	2.53E-02	2.33E-04	2.76E-04	2.60E-02	1.92E-04	0.00E+00	3.11E-06	7.53E-06	2.02E-04
1211	489335.89, 3858926.54	0.09975	0.77336	0.03777	0.08603	4.25E-04	0.00E+00	3.21E-06	7.41E-06	4.35E-04	2.00E-04	2.44E-02	2.41E-04	2.72E-04	2.51E-02	1.91E-04	0.00E+00	3.21E-06	7.41E-06	2.01E-04
1212	489385.89, 3858926.54	0.09921	0.74531	0.03898	0.08458	4.23E-04	0.00E+00	3.32E-06	7.28E-06	4.33E-04	1.99E-04	2.35E-02	2.49E-04	2.67E-04	2.42E-02	1.89E-04	0.00E+00	3.32E-06	7.28E-06	2.00E-04
1213	489435.89, 3858926.54	0.09872	0.7206	0.04011	0.08318	4.20E-04	0.00E+00	3.41E-06	7.16E-06	4.31E-04	1.98E-04	2.27E-02	2.56E-04	2.63E-04	2.34E-02	1.89E-04	0.00E+00	3.41E-06	7.16E-06	1.99E-04
1214	489485.89, 3858926.54	0.09835	0.69721	0.04119	0.08181	4.19E-04	0.00E+00	3.50E-06	7.04E-06	4.29E-04	1.98E-04	2.20E-02	2.63E-04	2.58E-04	2.27E-02	1.88E-04	0.00E+00	3.50E-06	7.04E-06	1.98E-04
1215	489535.89, 3858926.54	0.09809	0.67524	0.0422	0.08047	4.18E-04	0.00E+00	3.59E-06	6.93E-06	4.28E-04	1.97E-04	2.13E-02	2.69E-04	2.54E-04	2.20E-02	1.87E-04	0.00E+00	3.59E-06	6.93E-06	1.98E-04
1216	489585.89, 3858926.54	0.09794	0.65436	0.04313	0.07917	4.17E-04	0.00E+00	3.67E-06	6.82E-06	4.28E-04	1.97E-04	2.06E-02	2.75E-04	2.50E-04	2.13E-02	1.87E-04	0.00E+00	3.67E-06	6.82E-06	1.98E-04
1217	489635.89, 3858926.54	0.09789	0.63487	0.04395	0.0779	4.17E-04	0.00E+00	3.74E-06	6.71E-06	4.27E-04	1.97E-04	2.00E-02	2.80E-04	2.46E-04	2.07E-02	1.87E-04	0.00E+00	3.74E-06	6.71E-06	1.97E-04
1218	489685.89, 3858926.54	0.09797	0.61567	0.0447	0.07664	4.17E-04	0.00E+00	3.80E-06	6.60E-06	4.28E-04	1.97E-04	1.94E-02	2.85E-04	2.42E-04	2.01E-02	1.87E-04	0.00E+00	3.80E-06	6.60E-06	1.98E-04
1219	489735.89, 3858926.54	0.09807	0.599	0.04534	0.07542	4.18E-04	0.00E+00	3.86E-06	6.49E-06	4.28E-04	1.97E-04	1.89E-02	2.89E-04	2.38E-04	1.96E-02	1.87E-04	0.00E+00	3.86E-06	6.49E-06	1.98E-04
1220	489785.89, 3858926.54	0.09825	0.58339	0.04593	0.07422	4.18E-04	0.00E+00	3.91E-06	6.39E-06	4.29E-04	1.97E-04	1.84E-02	2.93E-04	2.34E-04	1.91E-02	1.88E-04	0.00E+00	3.91E-06	6.39E-06	1.98E-04
1221	489835.89, 3858926.54	0.09858	0.56719	0.04643	0.07301	4.20E-04	0.00E+00	3.95E-06	6.29E-06	4.30E-04	1.98E-04	1.79E-02	2.96E-04	2.31E-04	1.86E-02	1.88E-04	0.00E+00	3.95E-06	6.29E-06	1.99E-04
1222	489885.89, 3858926.54	0.09892	0.553	0.04692	0.07184	4.21E-04	0.00E+00	3.99E-06	6.19E-06	4.31E-04	1.99E-04	1.74E-02	2.99E-04	2.27E-04	1.81E-02	1.89E-04	0.00E+00	3.99E-06	6.19E-06	1.99E-04
1223	489935.89, 3858926.54	0.09937	0.53878	0.04735	0.07069	4.23E-04	0.00E+00	4.03E-06	6.09E-06	4.33E-04	2.00E-04	1.70E-02	3.02E-04	2.23E-04	1.77E-02	1.90E-04	0.00E+00	4.03E-06	6.09E-06	2.00E-04
1224	489985.89, 3858926.54	0.09993	0.52419	0.04774	0.06955	4.26E-04	0.00E+00	4.06E-06	5.99E-06	4.36E-04	2.01E-04	1.65E-02	3.05E-04	2.20E-04	1.72E-02	1.91E-04	0.00E+00	4.06E-06	5.99E-06	2.01E-04
1225	490035.89, 3858926.54	0.10063	0.50874	0.04807	0.06842	4.29E-04	0.00E+00	4.09E-06	5.89E-06	4.39E-04	2.02E-04	1.60E-02	3.07E-04	2.16E-04	1.68E-02	1.92E-04	0.00E+00	4.09E-06	5.89E-06	2.02E-04
1226	489335.89, 3858976.54	0.09732	0.81932	0.0338	0.09094	4.14E-04	0.00E+00	2.87E-06	7.83E-06	4.25E-04	1.95E-04	2.58E-02	2.16E-04	2.87E-04	2.65E-02	1.86E-04	0.00E+00	2.87E-06	7.83E-06	1.97E-04
1227	489385.89, 3858976.54	0.09672	0.78654	0.03488	0.08923	4.12E-04	0.00E+00	2.97E-06	7.68E-06	4.23E-04	1.94E-04	2.48E-02	2.22E-04	2.82E-04	2.55E-02	1.85E-04	0.00E+00	2.97E-06	7.68E-06	1.95E-04
1228	489435.89, 3858976.54	0.09609	0.75909	0.03587	0.08764	4.09E-04	0.00E+00	3.05E-06	7.55E-06	4.20E-04	1.93E-04	2.39E-02	2.29E-04	2.77E-04	2.46E-02	1.84E-04	0.00E+00	3.05E-06	7.55E-06	1.94E-04
1229	489485.89, 3858976.54	0.09562	0.73171	0.03688	0.08607	4.07E-04	0.00E+00	3.14E-06	7.41E-06	4.18E-04	1.92E-04	2.30E-02	2.35E-04	2.72E-04	2.37E-02	1.83E-04	0.00E+00	3.14E-06	7.41E-06	1.93E-04
1230	489535.89, 3858976.54	0.09527	0.70589	0.03787	0.08454	4.06E-04	0.00E+00	3.22E-06	7.28E-06	4.16E-04	1.91E-04	2.22E-02	2.42E-04	2.67E-04	2.29E-02	1.82E-04	0.00E+00	3.22E-06	7.28E-06	1.92E-04
1231	489585.89, 3858976.54	0.09494	0.68348	0.03876	0.08309	4.04E-04	0.00E+00	3.30E-06	7.15E-06	4.15E-04	1.91E-04	2.15E-02	2.47E-04	2.62E-04	2.22E-02	1.81E-04	0.00E+00	3.30E-06	7.15E-06	1.92E-04
1232	489635.89, 3858976.54	0.09476	0.66144	0.03962	0.08164	4.04E-04	0.00E+00	3.37E-06	7.03E-06	4.14E-04	1.90E-04	2.08E-02	2.53E-04	2.58E-04	2.15E-02	1.81E-04	0.00E+00	3.37E-06	7.03E-06	1.91E-04
1233	489685.89, 3858976.54	0.0947	0.64031	0.0404	0.08019	4.03E-04	0.00E+00	3.44E-06	6.91E-06	4.14E-04	1.90E-04	2.02E-02	2.58E-04	2.53E-04	2.09E-02	1.81E-04	0.00E+00	3.44E-06	6.91E-06	1.91E-04
1234	489735.89, 3858976.54	0.09468	0.62151	0.04109	0.07879	4.03E-04	0.00E+00	3.49E-06	6.78E-06	4.13E-04	1.90E-04	1.96E-02	2.62E-04	2.49E-04	2.03E-02	1.81E-04	0.00E+00	3.49E-06	6.78E-06	1.91E-04
1235	489785.89, 3858976.54	0.0947	0.60473	0.0417	0.07742	4.03E-04	0.00E+00	3.55E-06	6.67E-06	4.14E-04	1.90E-04	1.90E-02	2.66E-04	2.44E-04	1.97E-02	1.81E-04	0.00E+00	3.55E-06	6.67E-06	1.91E-04

1236	489835.89, 3858976.54	0.09483	0.5883	0.04226	0.07607	4.04E-04	0.00E+00	3.59E-06	6.55E-06	4.14E-04	1.90E-04	1.85E-02	2.70E-04	2.40E-04	1.92E-02	1.81E-04	0.00E+00	3.59E-06	6.55E-06	1.91E-04
1237	489885.89, 3858976.54	0.09517	0.5705	0.04274	0.0747	4.05E-04	0.00E+00	3.63E-06	6.43E-06	4.15E-04	1.91E-04	1.80E-02	2.73E-04	2.36E-04	1.87E-02	1.82E-04	0.00E+00	3.63E-06	6.43E-06	1.92E-04
1238	489935.89, 3858976.54	0.09552	0.5545	0.04316	0.07339	4.07E-04	0.00E+00	3.67E-06	6.32E-06	4.17E-04	1.92E-04	1.75E-02	2.75E-04	2.32E-04	1.82E-02	1.82E-04	0.00E+00	3.67E-06	6.32E-06	1.92E-04
1239	489985.89, 3858976.54	0.09593	0.53968	0.04357	0.07211	4.09E-04	0.00E+00	3.71E-06	6.21E-06	4.18E-04	1.93E-04	1.70E-02	2.78E-04	2.28E-04	1.77E-02	1.83E-04	0.00E+00	3.71E-06	6.21E-06	1.93E-04
1240	490035.89, 3858976.54	0.0968	0.51726	0.04377	0.07077	4.12E-04	0.00E+00	3.72E-06	6.09E-06	4.22E-04	1.94E-04	1.63E-02	2.79E-04	2.23E-04	1.70E-02	1.85E-04	0.00E+00	3.72E-06	6.09E-06	1.95E-04
1241	489385.89, 3859026.54	0.09444	0.82433	0.03147	0.09437	4.02E-04	0.00E+00	2.68E-06	8.13E-06	4.13E-04	1.90E-04	2.60E-02	2.01E-04	2.98E-04	2.67E-02	1.80E-04	0.00E+00	2.68E-06	8.13E-06	1.91E-04
1242	489435.89, 3859026.54	0.0938	0.79197	0.03239	0.09253	3.99E-04	0.00E+00	2.75E-06	7.97E-06	4.10E-04	1.88E-04	2.49E-02	2.07E-04	2.92E-04	2.56E-02	1.79E-04	0.00E+00	2.75E-06	7.97E-06	1.90E-04
1243	489485.89, 3859026.54	0.09324	0.76175	0.03329	0.09076	3.97E-04	0.00E+00	2.83E-06	7.82E-06	4.08E-04	1.87E-04	2.40E-02	2.12E-04	2.87E-04	2.47E-02	1.78E-04	0.00E+00	2.83E-06	7.82E-06	1.89E-04
1244	489535.89, 3859026.54	0.09273	0.73451	0.03416	0.08904	3.95E-04	0.00E+00	2.91E-06	7.67E-06	4.05E-04	1.86E-04	2.31E-02	2.18E-04	2.81E-04	2.38E-02	1.77E-04	0.00E+00	2.91E-06	7.67E-06	1.88E-04
1245	489585.89, 3859026.54	0.09236	0.70808	0.03504	0.08732	3.93E-04	0.00E+00	2.98E-06	7.52E-06	4.04E-04	1.86E-04	2.23E-02	2.24E-04	2.76E-04	2.30E-02	1.76E-04	0.00E+00	2.98E-06	7.52E-06	1.87E-04
1246	489635.89, 3859026.54	0.09202	0.68473	0.03585	0.08566	3.92E-04	0.00E+00	3.05E-06	7.38E-06	4.02E-04	1.85E-04	2.16E-02	2.29E-04	2.70E-04	2.23E-02	1.76E-04	0.00E+00	3.05E-06	7.38E-06	1.86E-04
1247	489685.89, 3859026.54	0.09179	0.66268	0.03662	0.084	3.91E-04	0.00E+00	3.11E-06	7.23E-06	4.01E-04	1.84E-04	2.09E-02	2.34E-04	2.65E-04	2.16E-02	1.75E-04	0.00E+00	3.11E-06	7.23E-06	1.86E-04
1248	489735.89, 3859026.54	0.09161	0.64291	0.03731	0.0824	3.90E-04	0.00E+00	3.17E-06	7.10E-06	4.00E-04	1.84E-04	2.03E-02	2.38E-04	2.60E-04	2.09E-02	1.75E-04	0.00E+00	3.17E-06	7.10E-06	1.85E-04
1249	489785.89, 3859026.54	0.09153	0.62417	0.03796	0.08081	3.90E-04	0.00E+00	3.23E-06	6.96E-06	4.00E-04	1.84E-04	1.97E-02	2.42E-04	2.55E-04	2.03E-02	1.75E-04	0.00E+00	3.23E-06	6.96E-06	1.85E-04
1250	489835.89, 3859026.54	0.09164	0.60436	0.03856	0.07922	3.90E-04	0.00E+00	3.28E-06	6.82E-06	4.00E-04	1.84E-04	1.90E-02	2.46E-04	2.50E-04	1.97E-02	1.75E-04	0.00E+00	3.28E-06	6.82E-06	1.85E-04
1251	489885.89, 3859026.54	0.09178	0.58665	0.03908	0.07768	3.91E-04	0.00E+00	3.32E-06	6.69E-06	4.01E-04	1.84E-04	1.85E-02	2.49E-04	2.45E-04	1.92E-02	1.75E-04	0.00E+00	3.32E-06	6.69E-06	1.85E-04
1252	489935.89, 3859026.54	0.09203	0.5692	0.03952	0.07617	3.92E-04	0.00E+00	3.36E-06	6.56E-06	4.02E-04	1.85E-04	1.79E-02	2.52E-04	2.40E-04	1.86E-02	1.76E-04	0.00E+00	3.36E-06	6.56E-06	1.86E-04
1253	489985.89, 3859026.54	0.09236	0.55269	0.03991	0.07469	3.93E-04	0.00E+00	3.39E-06	6.43E-06	4.03E-04	1.86E-04	1.74E-02	2.55E-04	2.36E-04	1.81E-02	1.76E-04	0.00E+00	3.39E-06	6.43E-06	1.86E-04
1254	490035.89, 3859026.54	0.09318	0.527	0.04008	0.07316	3.97E-04	0.00E+00	3.41E-06	6.30E-06	4.07E-04	1.87E-04	1.66E-02	2.56E-04	2.31E-04	1.73E-02	1.78E-04	0.00E+00	3.41E-06	6.30E-06	1.88E-04
1255	489485.89, 3859076.54	0.09108	0.78803	0.03028	0.09599	3.88E-04	0.00E+00	2.58E-06	8.27E-06	3.99E-04	1.83E-04	2.48E-02	1.93E-04	3.03E-04	2.55E-02	1.74E-04	0.00E+00	2.58E-06	8.27E-06	1.85E-04
1256	489535.89, 3859076.54	0.09052	0.75778	0.03108	0.09395	3.85E-04	0.00E+00	2.64E-06	8.09E-06	3.96E-04	1.82E-04	2.39E-02	1.98E-04	2.97E-04	2.45E-02	1.73E-04	0.00E+00	2.64E-06	8.09E-06	1.84E-04
1257	489585.89, 3859076.54	0.09003	0.72979	0.03186	0.09193	3.83E-04	0.00E+00	2.71E-06	7.92E-06	3.94E-04	1.81E-04	2.30E-02	2.03E-04	2.90E-04	2.37E-02	1.72E-04	0.00E+00	2.71E-06	7.92E-06	1.83E-04
1258	489635.89, 3859076.54	0.08955	0.70572	0.03258	0.08998	3.81E-04	0.00E+00	2.77E-06	7.75E-06	3.92E-04	1.80E-04	2.22E-02	2.08E-04	2.84E-04	2.29E-02	1.71E-04	0.00E+00	2.77E-06	7.75E-06	1.82E-04
1259	489685.89, 3859076.54	0.08917	0.68287	0.03329	0.08805	3.80E-04	0.00E+00	2.83E-06	7.58E-06	3.90E-04	1.79E-04	2.15E-02	2.12E-04	2.78E-04	2.22E-02	1.70E-04	0.00E+00	2.83E-06	7.58E-06	1.81E-04
1260	489735.89, 3859076.54	0.0889	0.6613	0.03398	0.08616	3.79E-04	0.00E+00	2.89E-06	7.42E-06	3.89E-04	1.79E-04	2.08E-02	2.17E-04	2.72E-04	2.15E-02	1.70E-04	0.00E+00	2.89E-06	7.42E-06	1.80E-04
1261	489785.89, 3859076.54	0.08871	0.64094	0.03463	0.08431	3.78E-04	0.00E+00	2.95E-06	7.26E-06	3.88E-04	1.78E-04	2.02E-02	2.21E-04	2.66E-04	2.09E-02	1.69E-04	0.00E+00	2.95E-06	7.26E-06	1.80E-04
1262	489835.89, 3859076.54	0.08867	0.62068	0.03526	0.08248	3.78E-04	0.00E+00	3.00E-06	7.10E-06	3.88E-04	1.78E-04	1.96E-02	2.25E-04	2.60E-04	2.02E-02	1.69E-04	0.00E+00	3.00E-06	7.10E-06	1.79E-04
1263	489885.89, 3859076.54	0.08872	0.60134	0.03583	0.08068	3.78E-04	0.00E+00	3.05E-06	6.95E-06	3.88E-04	1.78E-04	1.89E-02	2.29E-04	2.55E-04	1.96E-02	1.69E-04	0.00E+00	3.05E-06	6.95E-06	1.79E-04
1264	489935.89, 3859076.54	0.08882	0.58373	0.03633	0.07895	3.78E-04	0.00E+00	3.09E-06	6.80E-06	3.88E-04	1.78E-04	1.84E-02	2.32E-04	2.49E-04	1.90E-02	1.70E-04	0.00E+00	3.09E-06	6.80E-06	1.80E-04
1265	489985.89, 3859076.54	0.08907	0.56553	0.03673	0.07723	3.79E-04	0.00E+00	3.12E-06	6.65E-06	3.89E-04	1.79E-04	1.78E-02	2.34E-04	2.44E-04	1.85E-02	1.70E-04	0.00E+00	3.12E-06	6.65E-06	1.80E-04
1266	490035.89, 3859076.54	0.08971	0.54045	0.03693	0.07548	3.82E-04	0.00E+00	3.14E-06	6.50E-06	3.92E-04	1.80E-04	1.70E-02	2.36E-04	2.38E-04	1.77E-02	1.71E-04	0.00E+00	3.14E-06	6.50E-06	1.81E-04
1267	489585.89, 3859126.54	0.0879	0.74884	0.02915	0.09673	3.74E-04	0.00E+00	2.48E-06	8.33E-06	3.85E-04	1.77E-04	2.36E-02	1.86E-04	3.05E-04	2.43E-02	1.68E-04	0.00E+00	2.48E-06	8.33E-06	1.79E-04
1268	489635.89, 3859126.54	0.08733	0.72339	0.02979	0.0944	3.72E-04	0.00E+00	2.53E-06	8.13E-06	3.83E-04	1.75E-04	2.28E-02	1.90E-04	2.98E-04	2.35E-02	1.67E-04	0.00E+00	2.53E-06	8.13E-06	1.77E-04
1269	489685.89, 3859126.54	0.08688	0.69892	0.03044	0.09211	3.70E-04	0.00E+00	2.59E-06	7.93E-06	3.81E-04	1.75E-04	2.20E-02	1.94E-04	2.91E-04	2.27E-02	1.66E-04	0.00E+00	2.59E-06	7.93E-06	1.76E-04
1270	489735.89, 3859126.54	0.0865	0.67606	0.03108	0.08989	3.68E-04	0.00E+00	2.64E-06	7.74E-06	3.79E-04	1.74E-04	2.13E-02	1.98E-04	2.84E-04	2.20E-02	1.65E-04	0.00E+00	2.64E-06	7.74E-06	1.76E-04
1271	489785.89, 3859126.54	0.08621	0.65475	0.0317	0.08772	3.67E-04	0.00E+00	2.70E-06	7.55E-06	3.77E-04	1.73E-04	2.06E-02	2.02E-04	2.77E-04	2.13E-02	1.65E-04	0.00E+00	2.70E-06	7.55E-06	1.75E-04
1272	489835.89, 3859126.54	0.08605	0.63374	0.03233	0.08559	3.66E-04	0.00E+00	2.75E-06	7.37E-06	3.77E-04	1.73E-04	2.00E-02	2.06E-04	2.70E-04	2.06E-02	1.64E-04	0.00E+00	2.75E-06	7.37E-06	1.74E-04
1273	489885.89, 3859126.54	0.08601	0.61321	0.03293	0.08351	3.66E-04	0.00E+00	2.80E-06	7.19E-06	3.76E-04	1.73E-04	1.93E-02	2.10E-04	2.64E-04	2.00E-02	1.64E-04	0.00E+00	2.80E-06	7.19E-06	1.74E-04
1274	489935.89, 3859126.54	0.08599	0.59505	0.03345	0.08151	3.66E-04	0.00E+00	2.84E-06	7.02E-06	3.76E-04	1.73E-04	1.87E-02	2.13E-04	2.57E-04	1.94E-02	1.64E-04	0.00E+00	2.84E-06	7.02E-06	1.74E-04
1275	489985.89, 3859126.54	0.08624	0.57364	0.03385	0.07951	3.67E-04	0.00E+00	2.88E-06	6.85E-06	3.77E-04	1.73E-04	1.81E-02	2.16E-04	2.51E-04	1.87E-02	1.65E-04	0.00E+00	2.88E-06	6.85E-06	1.74E-04
1276	490035.89, 3859126.54	0.08655	0.55286	0.03415	0.0776	3.69E-04	0.00E+00	2.90E-06	6.68E-06	3.78E-04	1.74E-04	1.74E-02	2.18E-04	2.45E-04	1.81E-02	1.65E-04	0.00E+00	2.90E-06	6.68E-06	1.75E-04
1277	489585.89, 3859176.54	0.08603	0.76177	0.0269	0.10134	3.66E-04	0.00E+00	2.29E-06	8.73E-06	3.77E-04	1.73E-04	2.40E-02	1.72E-04	3.20E-04	2.47E-02	1.64E-04	0.00E+00	2.29E-06	8.73E-06	1.75E-04
1278	489635.89, 3859176.54	0.08539	0.73564	0.02746	0.0986	3.64E-04	0.00E+00	2.34E-06	8.49E-06	3.74E-04	1.72E-04	2.32E-02	1.75E-04	3.11E-04	2.38E-02	1.63E-04	0.00E+00	2.34E-06	8.49E-06	1.74E-04
1279	489685.89, 3859176.54	0.08481	0.71157	0.028	0.09596	3.61E-04	0.00E+00	2.38E-06	8.26E-06	3.72E-04	1.70E-04	2.24E-02	1.79E-04	3.03E-04	2.31E-02	1.62E-04	0.00E+00	2.38E-06	8.26E-06	1.73E-04
1280	489735.89, 3859176.54	0.08432	0.68869	0.02855	0.09338	3.59E-04	0.00E+00	2.43E-06	8.04E-06	3.70E-04	1.69E-04	2.17E-02	1.82E-04	2.95E-04	2.23E-02	1.61E-04	0.00E+00	2.43E-06	8.04E-06	1.72E-04
1281	489785.89, 3859176.54	0.08399	0.66543	0.02915	0.09084	3.58E-04	0.00E+00	2.48E-06	7.82E-06	3.68E-04	1.69E-04	2.10E-02	1.86E-04	2.87E-04	2.16E-02	1.60E-04	0.00E+00	2.48E-06	7.82E-06	1.71E-04
1282	489835.89, 3859176.54	0.08371	0.6441	0.02974	0.0884	3.56E-04	0.00E+00	2.53E-06	7.61E-06	3.67E-04	1.68E-04	2.03E-02	1.90E-04	2.79E-04	2.09E-02	1.60E-04	0.00E+00	2.53E-06	7.61E-06	1.70E-04
1283	489885.89, 3859176.54	0.08356	0.6232	0.03033	0.08603	3.56E-04	0.00E+00	2.58E-06	7.41E-06	3.66E-04	1.68E-04	1.96E-02	1.93E-04	2.72E-04	2.03E-02	1.60E-04	0.00E+00	2.58E-06	7.41E-06	1.70E-04
1284	489935.89, 3859176.54	0.08343	0.60458	0.03086	0.08377	3.55E-04	0.00E+00	2.62E-06	7.21E-06	3.65E-04	1.68E-04	1.90E-02	1.97E-04	2.64E-04	1.97E-02	1.59E-04	0.00E+00	2.62E-06	7.21E-06	1.69E-04
1285	489985.89, 3859176.54	0.08357	0.58273	0.03133	0.08154	3.56E-04	0.00E+00	2.66E-06	7.02E-06	3.66E-04	1.68E-04	1.84E-02	2.00E-04	2.57E-04	1.90E-02	1.60E-04	0.00E+00	2.66E-06	7.02E-06	1.69E-04
1286	490035.89, 3859176.54	0.08359	0.56624	0.03175	0.07949	3.56E-04	0.00E+00	2.70E-06	6.84E-06	3.66E-04	1.68E-04	1.78E-02	2.03E-04	2.51E-04	1.85E-02	1.60E-04	0.00E+00	2.70E-06	6.84E-06	1.69E-04
1287	489685.89, 3859226.54	0.08303	0.71841	0.02598	0.0993	3.54E-04	0.00E+00	2.21E-06	8.55E-06	3.64E-04	1.67E-04	2.26E-02	1.66E-04	3.14E-04	2.33E-02	1.59E-04	0.00E+00	2.21E-06	8.55E-06	1.69E-04
1288	489735.89, 3859226.54	0.08241	0.69625	0.02643	0.0964	3.51E-04	0.00E+00	2.25E-06	8.30E-06	3.62E-04	1.66E-04	2.19E-02	1.69E-04	3.04E-04	2.26E-02	1.57E-04	0.00E+00	2.25E-06	8.30E-06	1.68E-04
1289	489785.89, 3859226.54	0.08197	0.67333	0.02694	0.09355	3.49E-04	0.00E+00	2.29E-06	8.06E-06	3.59E-04	1.65E-04	2.12E-02	1.72E-04	2.95E-04	2.18E-02	1.57E-04	0.00E+00	2.29E-06	8.06E-06	1.67E-04
1290	489835.89, 3859226.54	0.08166	0.65055	0.02751	0.09078	3.48E-04	0.00E+00	2.34E-06	7.82E-06	3.58E-04	1.64E-04	2.05E-02	1.75E-04	2.87E-04	2.11E-02	1.56E-04	0.00E+00	2.34E-06	7.82E-06	1.66E-04
1291	489885.89, 3859226.54	0.08139	0.63002	0.02804	0.08817	3.47E-04	0.00E+00	2.38E-06	7.59E-06	3.57E-04	1.63E-04	1.98E-02	1.79E-04	2.78E-04	2.05E-02	1.55E-04	0.00E+00	2.38E-06	7.59E-06	1.65E-04
1292	489935.89, 3859226.54	0.0812	0.61029	0.02857	0.08569	3.46E-04	0.00E+00	2.43E-06	7.38E-06	3.56E-04	1.63E-04	1.92E-02	1.82E-04	2.71E-04	1.98E-02	1.55E-04	0.00E+00	2.43E-06	7.38E-06	1.65E-04
1293	489985.89, 3859226.54	0.08129	0.58678	0.02902	0.08325	3.46E-04	0.00E+00	2.47E-06	7.17E-06	3.56E-04	1.63E-04	1.85E-02	1.85E-04	2.63E-04	1.91E-02	1.55E-04	0.00E+00	2.47E-06	7.17E-06	1.65E-04
1294	490035.89, 3859226.54	0.08116	0.57142	0.02947	0.08108	3.46E-04	0.00E+00	2.51E-06	6.98E-06	3.55E-04	1.63E-04	1.80E-02	1.88E-04	2.56E-04	1.86E-02	1.55E-04	0.00E+00	2.51E-06	6.98E-06	1.64E-04

1295	489735.89, 3859276.54	0.08073	0.69944	0.02465	0.09896	3.44E-04	0.00E+00	2.10E-06	8.52E-06	3.54E-04	1.62E-04	2.20E-02	1.57E-04	3.12E-04	2.27E-02	1.54E-04	0.00E+00	2.10E-06	8.52E-06	1.65E-04
1296	489785.89, 3859276.54	0.08017	0.67757	0.02507	0.09588	3.41E-04	0.00E+00	2.13E-06	8.26E-06	3.52E-04	1.61E-04	2.13E-02	1.60E-04	3.03E-04	2.20E-02	1.53E-04	0.00E+00	2.13E-06	8.26E-06	1.64E-04
1297	489835.89, 3859276.54	0.0798	0.65453	0.02558	0.09288	3.40E-04	0.00E+00	2.18E-06	8.00E-06	3.50E-04	1.60E-04	2.06E-02	1.63E-04	2.93E-04	2.12E-02	1.52E-04	0.00E+00	2.18E-06	8.00E-06	1.63E-04
1298	489885.89, 3859276.54	0.07942	0.63445	0.02604	0.0901	3.38E-04	0.00E+00	2.21E-06	7.76E-06	3.48E-04	1.60E-04	2.00E-02	1.66E-04	2.84E-04	2.06E-02	1.52E-04	0.00E+00	2.21E-06	7.76E-06	1.62E-04
1299	489935.89, 3859276.54	0.07919	0.61381	0.02655	0.08744	3.37E-04	0.00E+00	2.26E-06	7.53E-06	3.47E-04	1.59E-04	1.93E-02	1.69E-04	2.76E-04	1.99E-02	1.51E-04	0.00E+00	2.26E-06	7.53E-06	1.61E-04
1300	489985.89, 3859276.54	0.07923	0.58905	0.02698	0.08483	3.37E-04	0.00E+00	2.29E-06	7.30E-06	3.47E-04	1.59E-04	1.86E-02	1.72E-04	2.68E-04	1.92E-02	1.51E-04	0.00E+00	2.29E-06	7.30E-06	1.61E-04
1301	490035.89, 3859276.54	0.07889	0.57662	0.02745	0.0826	3.36E-04	0.00E+00	2.33E-06	7.11E-06	3.45E-04	1.58E-04	1.82E-02	1.75E-04	2.61E-04	1.88E-02	1.51E-04	0.00E+00	2.33E-06	7.11E-06	1.60E-04
1302	490458.06, 3859590.74	0.0659	0.47944	0.02078	0.06784	2.81E-04	0.00E+00	1.77E-06	5.84E-06	2.88E-04	1.32E-04	1.51E-02	1.33E-04	2.14E-04	1.56E-02	1.26E-04	0.00E+00	1.77E-06	5.84E-06	1.33E-04
1303	490508.06, 3859590.74	0.06593	0.46753	0.02116	0.06595	2.81E-04	0.00E+00	1.80E-06	5.68E-06	2.88E-04	1.32E-04	1.47E-02	1.35E-04	2.08E-04	1.52E-02	1.26E-04	0.00E+00	1.80E-06	5.68E-06	1.33E-04
1304	490558.06, 3859590.74	0.066	0.4559	0.02151	0.06418	2.81E-04	0.00E+00	1.83E-06	5.53E-06	2.88E-04	1.33E-04	1.44E-02	1.37E-04	2.03E-04	1.48E-02	1.26E-04	0.00E+00	1.83E-06	5.53E-06	1.33E-04
1305	490608.06, 3859590.74	0.06613	0.44397	0.02173	0.06251	2.82E-04	0.00E+00	1.85E-06	5.38E-06	2.89E-04	1.33E-04	1.40E-02	1.39E-04	1.97E-04	1.45E-02	1.26E-04	0.00E+00	1.85E-06	5.38E-06	1.34E-04
1306	490658.06, 3859590.74	0.0663	0.43171	0.02181	0.06095	2.82E-04	0.00E+00	1.85E-06	5.25E-06	2.89E-04	1.33E-04	1.36E-02	1.39E-04	1.92E-04	1.41E-02	1.27E-04	0.00E+00	1.85E-06	5.25E-06	1.34E-04
1307	490708.06, 3859590.74	0.06649	0.41946	0.02192	0.05949	2.83E-04	0.00E+00	1.86E-06	5.12E-06	2.90E-04	1.34E-04	1.32E-02	1.40E-04	1.88E-04	1.37E-02	1.27E-04	0.00E+00	1.86E-06	5.12E-06	1.34E-04
1308	490758.06, 3859590.74	0.06673	0.40671	0.02202	0.05813	2.84E-04	0.00E+00	1.87E-06	5.01E-06	2.91E-04	1.34E-04	1.28E-02	1.40E-04	1.84E-04	1.33E-02	1.27E-04	0.00E+00	1.87E-06	5.01E-06	1.34E-04
1309	490808.06, 3859590.74	0.06694	0.39572	0.02215	0.05684	2.85E-04	0.00E+00	1.88E-06	4.89E-06	2.92E-04	1.34E-04	1.25E-02	1.41E-04	1.79E-04	1.29E-02	1.28E-04	0.00E+00	1.88E-06	4.89E-06	1.35E-04
1310	490858.06, 3859590.74	0.06719	0.38439	0.02227	0.05564	2.86E-04	0.00E+00	1.89E-06	4.79E-06	2.93E-04	1.35E-04	1.21E-02	1.42E-04	1.76E-04	1.26E-02	1.28E-04	0.00E+00	1.89E-06	4.79E-06	1.35E-04
1311	490458.06, 3859640.74	0.06424	0.48098	0.01962	0.06693	2.74E-04	0.00E+00	1.67E-06	5.76E-06	2.81E-04	1.29E-04	1.52E-02	1.25E-04	2.11E-04	1.56E-02	1.23E-04	0.00E+00	1.67E-06	5.76E-06	1.30E-04
1312	490508.06, 3859640.74	0.0642	0.46975	0.01993	0.06503	2.73E-04	0.00E+00	1.69E-06	5.60E-06	2.81E-04	1.29E-04	1.48E-02	1.27E-04	2.05E-04	1.53E-02	1.23E-04	0.00E+00	1.69E-06	5.60E-06	1.30E-04
1313	490558.06, 3859640.74	0.0642	0.45871	0.02026	0.06324	2.73E-04	0.00E+00	1.72E-06	5.45E-06	2.81E-04	1.29E-04	1.44E-02	1.29E-04	2.00E-04	1.49E-02	1.23E-04	0.00E+00	1.72E-06	5.45E-06	1.30E-04
1314	490608.06, 3859640.74	0.06431	0.44667	0.02065	0.06153	2.74E-04	0.00E+00	1.76E-06	5.30E-06	2.81E-04	1.29E-04	1.41E-02	1.32E-04	1.94E-04	1.45E-02	1.23E-04	0.00E+00	1.76E-06	5.30E-06	1.30E-04
1315	490658.06, 3859640.74	0.06447	0.43424	0.02085	0.05994	2.75E-04	0.00E+00	1.77E-06	5.16E-06	2.81E-04	1.29E-04	1.37E-02	1.33E-04	1.89E-04	1.41E-02	1.23E-04	0.00E+00	1.77E-06	5.16E-06	1.30E-04
1316	490708.06, 3859640.74	0.06461	0.42253	0.02093	0.05847	2.75E-04	0.00E+00	1.78E-06	5.03E-06	2.82E-04	1.30E-04	1.33E-02	1.34E-04	1.85E-04	1.38E-02	1.23E-04	0.00E+00	1.78E-06	5.03E-06	1.30E-04
1317	490758.06, 3859640.74	0.06479	0.41027	0.02103	0.05709	2.76E-04	0.00E+00	1.79E-06	4.92E-06	2.83E-04	1.30E-04	1.29E-02	1.34E-04	1.80E-04	1.34E-02	1.24E-04	0.00E+00	1.79E-06	4.92E-06	1.30E-04
1318	490808.06, 3859640.74	0.06493	0.4002	0.02117	0.0558	2.77E-04	0.00E+00	1.80E-06	4.80E-06	2.83E-04	1.30E-04	1.26E-02	1.35E-04	1.76E-04	1.30E-02	1.24E-04	0.00E+00	1.80E-06	4.80E-06	1.31E-04
1319	490858.06, 3859640.74	0.06509	0.39048	0.0213	0.05458	2.77E-04	0.00E+00	1.81E-06	4.70E-06	2.84E-04	1.31E-04	1.23E-02	1.36E-04	1.72E-04	1.27E-02	1.24E-04	0.00E+00	1.81E-06	4.70E-06	1.31E-04
1320	490608.06, 3859690.74	0.06267	0.44824	0.01953	0.06034	2.67E-04	0.00E+00	1.66E-06	5.20E-06	2.74E-04	1.26E-04	1.41E-02	1.25E-04	1.91E-04	1.46E-02	1.20E-04	0.00E+00	1.66E-06	5.20E-06	1.27E-04
1321	490658.06, 3859690.74	0.06277	0.43629	0.01989	0.05875	2.67E-04	0.00E+00	1.69E-06	5.06E-06	2.74E-04	1.26E-04	1.37E-02	1.27E-04	1.85E-04	1.42E-02	1.20E-04	0.00E+00	1.69E-06	5.06E-06	1.27E-04
1322	490708.06, 3859690.74	0.06287	0.42485	0.02004	0.05728	2.68E-04	0.00E+00	1.70E-06	4.93E-06	2.74E-04	1.26E-04	1.34E-02	1.28E-04	1.81E-04	1.38E-02	1.20E-04	0.00E+00	1.70E-06	4.93E-06	1.27E-04
1323	490758.06, 3859690.74	0.06301	0.41293	0.02011	0.05591	2.68E-04	0.00E+00	1.71E-06	4.81E-06	2.75E-04	1.27E-04	1.30E-02	1.28E-04	1.77E-04	1.34E-02	1.20E-04	0.00E+00	1.71E-06	4.81E-06	1.27E-04
1324	490808.06, 3859690.74	0.06313	0.40236	0.02023	0.05464	2.69E-04	0.00E+00	1.72E-06	4.71E-06	2.75E-04	1.27E-04	1.27E-02	1.29E-04	1.73E-04	1.31E-02	1.21E-04	0.00E+00	1.72E-06	4.71E-06	1.27E-04
1325	490858.06, 3859690.74	0.06317	0.39483	0.0204	0.05343	2.69E-04	0.00E+00	1.73E-06	4.60E-06	2.75E-04	1.27E-04	1.24E-02	1.30E-04	1.69E-04	1.29E-02	1.21E-04	0.00E+00	1.73E-06	4.60E-06	1.27E-04
1326	490708.06, 3859740.74	0.06124	0.42722	0.01916	0.05598	2.61E-04	0.00E+00	1.63E-06	4.82E-06	2.67E-04	1.23E-04	1.35E-02	1.22E-04	1.77E-04	1.39E-02	1.17E-04	0.00E+00	1.63E-06	4.82E-06	1.23E-04
1327	490758.06, 3859740.74	0.06123	0.41792	0.01936	0.05465	2.61E-04	0.00E+00	1.65E-06	4.71E-06	2.67E-04	1.23E-04	1.32E-02	1.23E-04	1.73E-04	1.36E-02	1.17E-04	0.00E+00	1.65E-06	4.71E-06	1.23E-04
1328	490808.06, 3859740.74	0.06129	0.40808	0.01949	0.05338	2.61E-04	0.00E+00	1.66E-06	4.60E-06	2.67E-04	1.23E-04	1.29E-02	1.24E-04	1.69E-04	1.33E-02	1.17E-04	0.00E+00	1.66E-06	4.60E-06	1.23E-04
1329	490858.06, 3859740.74	0.06134	0.39918	0.01961	0.05219	2.61E-04	0.00E+00	1.67E-06	4.49E-06	2.67E-04	1.23E-04	1.26E-02	1.25E-04	1.65E-04	1.30E-02	1.17E-04	0.00E+00	1.67E-06	4.49E-06	1.23E-04
1330	490786.56, 3859749.39	0.06096	0.41296	0.01931	0.05369	2.60E-04	0.00E+00	1.64E-06	4.62E-06	2.66E-04	1.22E-04	1.30E-02	1.23E-04	1.70E-04	1.34E-02	1.16E-04	0.00E+00	1.64E-06	4.62E-06	1.23E-04
1331	490836.56, 3859749.39	0.06103	0.40342	0.01943	0.05246	2.60E-04	0.00E+00	1.65E-06	4.52E-06	2.66E-04	1.23E-04	1.27E-02	1.24E-04	1.66E-04	1.31E-02	1.17E-04	0.00E+00	1.65E-06	4.52E-06	1.23E-04
1332	490786.56, 3859799.39	0.05936	0.41517	0.01833	0.05233	2.53E-04	0.00E+00	1.56E-06	4.51E-06	2.59E-04	1.19E-04	1.31E-02	1.17E-04	1.65E-04	1.35E-02	1.13E-04	0.00E+00	1.56E-06	4.51E-06	1.19E-04
1333	490836.56, 3859799.39	0.05939	0.40572	0.0186	0.05112	2.53E-04	0.00E+00	1.58E-06	4.40E-06	2.59E-04	1.19E-04	1.28E-02	1.19E-04	1.61E-04	1.32E-02	1.13E-04	0.00E+00	1.58E-06	4.40E-06	1.19E-04
1334	492307.84, 3854508.36	0.13893	0.03726	0.02048	0.01998	5.92E-04	0.00E+00	1.74E-06	1.72E-06	5.95E-04	2.79E-04	1.17E-03	1.31E-04	6.31E-05	1.65E-03	2.65E-04	0.00E+00	1.74E-06	1.72E-06	2.69E-04
1335	486445.7, 3854753.6	0.19696	0.04028	0.00925	0.0291	8.39E-04	0.00E+00	7.87E-07	2.51E-06	8.42E-04	3.96E-04	1.27E-03	5.90E-05	9.19E-05	1.82E-03	3.76E-04	0.00E+00	7.87E-07	2.51E-06	3.79E-04
1336	472599.75, 3877830.11	0.0029	0.00334	0.00117	0.00114	1.24E-05	0.00E+00	9.95E-08	9.82E-08	1.25E-05	5.82E-06	1.05E-04	7.46E-06	3.60E-06	1.22E-04	5.54E-06	0.00E+00	9.95E-08	9.82E-08	5.74E-06
1337	493107.48, 3866840.19	0.00924	0.00994	0.00271	0.00319	3.93E-05	0.00E+00	2.30E-07	2.75E-07	3.99E-05	1.86E-05	3.13E-04	1.73E-05	1.01E-05	3.59E-04	1.76E-05	0.00E+00	2.30E-07	2.75E-07	1.82E-05
1338	495815.8, 3861662.87	0.03029	0.07155	0.00836	0.00787	1.29E-04	0.00E+00	7.11E-07	6.78E-07	1.30E-04	6.08E-05	2.25E-03	5.33E-05	2.48E-05	2.39E-03	5.79E-05	0.00E+00	7.11E-07	6.78E-07	5.92E-05
1339	480272.33, 3841389.2	0.00102	0.00079	0.00143	0.00157	4.34E-06	0.00E+00	1.22E-07	1.35E-07	4.60E-06	2.05E-06	2.49E-05	9.12E-06	4.96E-06	4.10E-05	1.95E-06	0.00E+00	1.22E-07	1.35E-07	2.20E-06
1340	497005.18, 3862813.64	0.02083	0.04481	0.00639	0.00489	8.87E-05	0.00E+00	5.43E-07	4.21E-07	8.97E-05	4.18E-05	1.41E-03	4.08E-05	1.54E-05	1.51E-03	3.98E-05	0.00E+00	5.43E-07	4.21E-07	4.07E-05
1341	493677.33, 3860302.55	0.05298	0.15772	0.01752	0.01911	2.26E-04	0.00E+00	1.49E-06	1.65E-06	2.29E-04	1.06E-04	4.97E-03	1.12E-04	6.03E-05	5.25E-03	1.01E-04	0.00E+00	1.49E-06	1.65E-06	1.04E-04
1342	493727.33, 3860302.55	0.05296	0.15603	0.01759	0.01899	2.26E-04	0.00E+00	1.50E-06	1.64E-06	2.29E-04	1.06E-04	4.91E-03	1.12E-04	6.00E-05	5.19E-03	1.01E-04	0.00E+00	1.50E-06	1.64E-06	1.04E-04
1343	493777.33, 3860302.55	0.05295	0.15428	0.01763	0.01887	2.25E-04	0.00E+00	1.50E-06	1.62E-06	2.29E-04	1.06E-04	4.86E-03	1.12E-04	5.96E-05	5.14E-03	1.01E-04	0.00E+00	1.50E-06	1.62E-06	1.04E-04
1344	493827.33, 3860302.55	0.05292	0.15254	0.01766	0.01875	2.25E-04	0.00E+00	1.50E-06	1.61E-06	2.28E-04	1.06E-04	4.81E-03	1.13E-04	5.92E-05	5.08E-03	1.01E-04	0.00E+00	1.50E-06	1.61E-06	1.04E-04
1345	493877.33, 3860302.55	0.05285	0.151	0.01773	0.01864	2.25E-04	0.00E+00	1.51E-06	1.61E-06	2.28E-04	1.06E-04	4.76E-03	1.13E-04	5.89E-05	5.03E-03	1.01E-04	0.00E+00	1.51E-06	1.61E-06	1.04E-04
1346	493927.33, 3860302.55	0.05274	0.14958	0.01781	0.01854	2.25E-04	0.00E+00	1.51E-06	1.60E-06	2.28E-04	1.06E-04	4.71E-03	1.14E-04	5.85E-05	4.99E-03	1.01E-04	0.00E+00	1.51E-06	1.60E-06	1.04E-04
1347	493977.33, 3860302.55	0.05277	0.14743	0.01774	0.0184	2.25E-04	0.00E+00	1.51E-06	1.58E-06	2.28E-04	1.06E-04	4.64E-03	1.13E-04	5.81E-05	4.92E-03	1.01E-04	0.00E+00	1.51E-06	1.58E-06	1.04E-04
1348	494027.33, 3860302.55	0.05271	0.14565	0.01775	0.01829	2.24E-04	0.00E+00	1.51E-06	1.57E-06	2.28E-04	1.06E-04	4.59E-03	1.13E-04	5.77E-05	4.86E-03	1.01E-04	0.00E+00	1.51E-06	1.57E-06	1.04E-04
1349	493677.33, 3860352.55	0.05181	0.15571	0.01696	0.01861	2.21E-04	0.00E+00	1.44E-06	1.60E-06	2.24E-04	1.04E-04	4.90E-03	1.08E-04	5.88E-05	5.18E-03	9.90E-05	0.00E+00	1.44E-06	1.60E-06	1.02E-04
1350	493727.33, 3860352.55	0.0518	0.15418	0.01704	0.01851	2.21E-04	0.00E+00	1.45E-06	1.59E-06	2.24E-04	1.04E-04	4.86E-03	1.09E-04	5.84E-05	5.13E-03	9.89E-05	0.00E+00	1.45E-06	1.59E-06	1.02E-04
1351	493777.33, 3860352.55	0.05177	0.15265	0.01712	0.01841	2.20E-04	0.00E+00	1.46E-06	1.59E-06	2.24E-04	1.04E-04	4.81E-03	1.09E-04	5.81E-05	5.08E-03	9.89E-05	0.00E+00	1.46E-06	1.59E-06	1.02E-04
1352	493827.33, 3860352.55	0.05175	0.15107	0.01721	0.0183	2.20E-04	0.00E+00	1.46E-06	1.58E-06	2.23E-04	1.04E-04	4.76E-03	1.10E-04	5.78E-05	5.03E-03	9.88E-05	0.00E+00	1.46E-06	1.58E-06	1.02E-04
1353	493877.33, 3860352.55	0.05175	0.14942	0.0173	0.01819	2.20E-04	0.00E+00	1.47E-06	1.57E-06	2.23E-04	1.04E-04	4.71E-03	1.10E-04	5.74E-05	4.98E-03	9.88E-05	0.00E+00	1.47E-06	1.57E-06	1.02E-04

1354	493927.33, 3860352.55	0.05177	0.14764	0.01731	0.01806	2.20E-04	0.00E+00	1.47E-06	1.56E-06	2.23E-04	1.04E-04	4.65E-03	1.10E-04	5.70E-05	4.92E-03	9.89E-05	0.00E+00	1.47E-06	1.56E-06	1.02E-04
1355	493977.33, 3860352.55	0.0518	0.14575	0.01727	0.01794	2.21E-04	0.00E+00	1.47E-06	1.54E-06	2.24E-04	1.04E-04	4.59E-03	1.10E-04	5.66E-05	4.86E-03	9.89E-05	0.00E+00	1.47E-06	1.54E-06	1.02E-04
1356	494027.33, 3860352.55	0.05173	0.14428	0.01732	0.01784	2.20E-04	0.00E+00	1.47E-06	1.54E-06	2.23E-04	1.04E-04	4.54E-03	1.10E-04	5.63E-05	4.82E-03	9.88E-05	0.00E+00	1.47E-06	1.54E-06	1.02E-04
1357	493677.33, 3860402.55	0.05055	0.15375	0.01615	0.01816	2.15E-04	0.00E+00	1.37E-06	1.56E-06	2.18E-04	1.02E-04	4.84E-03	1.03E-04	5.73E-05	5.11E-03	9.65E-05	0.00E+00	1.37E-06	1.56E-06	9.95E-05
1358	493727.33, 3860402.55	0.05056	0.15224	0.01623	0.01806	2.15E-04	0.00E+00	1.38E-06	1.56E-06	2.18E-04	1.02E-04	4.80E-03	1.04E-04	5.70E-05	5.06E-03	9.66E-05	0.00E+00	1.38E-06	1.56E-06	9.95E-05
1359	493777.33, 3860402.55	0.0507	0.15042	0.01646	0.01792	2.16E-04	0.00E+00	1.40E-06	1.54E-06	2.19E-04	1.02E-04	4.74E-03	1.05E-04	5.66E-05	5.00E-03	9.68E-05	0.00E+00	1.40E-06	1.54E-06	9.98E-05
1360	493827.33, 3860402.55	0.05065	0.14907	0.01649	0.01785	2.16E-04	0.00E+00	1.40E-06	1.54E-06	2.19E-04	1.02E-04	4.70E-03	1.05E-04	5.64E-05	4.96E-03	9.67E-05	0.00E+00	1.40E-06	1.54E-06	9.97E-05
1361	493877.33, 3860402.55	0.05063	0.14761	0.01657	0.01775	2.16E-04	0.00E+00	1.41E-06	1.53E-06	2.19E-04	1.02E-04	4.65E-03	1.06E-04	5.60E-05	4.91E-03	9.67E-05	0.00E+00	1.41E-06	1.53E-06	9.96E-05
1362	493927.33, 3860402.55	0.05071	0.14587	0.01677	0.01762	2.16E-04	0.00E+00	1.43E-06	1.52E-06	2.19E-04	1.02E-04	4.59E-03	1.07E-04	5.56E-05	4.86E-03	9.69E-05	0.00E+00	1.43E-06	1.52E-06	9.98E-05
1363	493977.33, 3860402.55	0.0508	0.14398	0.01682	0.01749	2.16E-04	0.00E+00	1.43E-06	1.51E-06	2.19E-04	1.02E-04	4.54E-03	1.07E-04	5.52E-05	4.80E-03	9.70E-05	0.00E+00	1.43E-06	1.51E-06	1.00E-04
1364	494027.33, 3860402.55	0.05073	0.14267	0.0169	0.0174	2.16E-04	0.00E+00	1.44E-06	1.50E-06	2.19E-04	1.02E-04	4.49E-03	1.08E-04	5.49E-05	4.76E-03	9.69E-05	0.00E+00	1.44E-06	1.50E-06	9.98E-05
1365	493677.33, 3860452.55	0.04935	0.15142	0.01545	0.01768	2.10E-04	0.00E+00	1.31E-06	1.52E-06	2.13E-04	9.91E-05	4.77E-03	9.85E-05	5.58E-05	5.02E-03	9.43E-05	0.00E+00	1.31E-06	1.52E-06	9.71E-05
1366	493727.33, 3860452.55	0.04931	0.1501	0.01546	0.01763	2.10E-04	0.00E+00	1.31E-06	1.52E-06	2.13E-04	9.90E-05	4.73E-03	9.86E-05	5.57E-05	4.98E-03	9.42E-05	0.00E+00	1.31E-06	1.52E-06	9.70E-05
1367	493777.33, 3860452.55	0.04936	0.14861	0.01555	0.01754	2.10E-04	0.00E+00	1.32E-06	1.51E-06	2.13E-04	9.91E-05	4.68E-03	9.92E-05	5.54E-05	4.93E-03	9.43E-05	0.00E+00	1.32E-06	1.51E-06	9.71E-05
1368	493827.33, 3860452.55	0.04948	0.14701	0.01573	0.01741	2.11E-04	0.00E+00	1.34E-06	1.50E-06	2.14E-04	9.94E-05	4.63E-03	1.00E-04	5.50E-05	4.89E-03	9.45E-05	0.00E+00	1.34E-06	1.50E-06	9.73E-05
1369	493877.33, 3860452.55	0.04955	0.14547	0.01588	0.0173	2.11E-04	0.00E+00	1.35E-06	1.49E-06	2.14E-04	9.95E-05	4.58E-03	1.01E-04	5.46E-05	4.84E-03	9.46E-05	0.00E+00	1.35E-06	1.49E-06	9.75E-05
1370	493927.33, 3860452.55	0.04971	0.14371	0.01614	0.01716	2.12E-04	0.00E+00	1.37E-06	1.48E-06	2.15E-04	9.98E-05	4.53E-03	1.03E-04	5.42E-05	4.78E-03	9.49E-05	0.00E+00	1.37E-06	1.48E-06	9.78E-05
1371	493977.33, 3860452.55	0.0497	0.14231	0.01624	0.01707	2.12E-04	0.00E+00	1.38E-06	1.47E-06	2.15E-04	9.98E-05	4.48E-03	1.04E-04	5.39E-05	4.74E-03	9.49E-05	0.00E+00	1.38E-06	1.47E-06	9.78E-05
1372	494027.33, 3860452.55	0.04968	0.14095	0.01633	0.01698	2.12E-04	0.00E+00	1.39E-06	1.46E-06	2.14E-04	9.98E-05	4.44E-03	1.04E-04	5.36E-05	4.70E-03	9.49E-05	0.00E+00	1.39E-06	1.46E-06	9.77E-05
1373	493677.33, 3860502.55	0.0481	0.14907	0.01477	0.01721	2.05E-04	0.00E+00	1.26E-06	1.48E-06	2.08E-04	9.66E-05	4.70E-03	9.42E-05	5.43E-05	4.94E-03	9.19E-05	0.00E+00	1.26E-06	1.48E-06	9.46E-05
1374	493727.33, 3860502.55	0.04812	0.14771	0.01481	0.01716	2.05E-04	0.00E+00	1.26E-06	1.48E-06	2.08E-04	9.67E-05	4.65E-03	9.45E-05	5.42E-05	4.90E-03	9.19E-05	0.00E+00	1.26E-06	1.48E-06	9.46E-05
1375	493777.33, 3860502.55	0.0482	0.14627	0.0149	0.01708	2.05E-04	0.00E+00	1.27E-06	1.47E-06	2.08E-04	9.68E-05	4.61E-03	9.50E-05	5.39E-05	4.85E-03	9.21E-05	0.00E+00	1.27E-06	1.47E-06	9.48E-05
1376	493827.33, 3860502.55	0.04828	0.14484	0.01501	0.01699	2.06E-04	0.00E+00	1.28E-06	1.46E-06	2.08E-04	9.70E-05	4.56E-03	9.57E-05	5.36E-05	4.81E-03	9.22E-05	0.00E+00	1.28E-06	1.46E-06	9.50E-05
1377	493877.33, 3860502.55	0.04841	0.14334	0.01518	0.01688	2.06E-04	0.00E+00	1.29E-06	1.45E-06	2.09E-04	9.72E-05	4.52E-03	9.68E-05	5.33E-05	4.76E-03	9.25E-05	0.00E+00	1.29E-06	1.45E-06	9.52E-05
1378	493927.33, 3860502.55	0.04856	0.14177	0.01538	0.01675	2.07E-04	0.00E+00	1.31E-06	1.44E-06	2.10E-04	9.75E-05	4.47E-03	9.81E-05	5.29E-05	4.71E-03	9.27E-05	0.00E+00	1.31E-06	1.44E-06	9.55E-05
1379	493977.33, 3860502.55	0.04857	0.14046	0.01546	0.01667	2.07E-04	0.00E+00	1.31E-06	1.44E-06	2.10E-04	9.76E-05	4.42E-03	9.86E-05	5.26E-05	4.67E-03	9.28E-05	0.00E+00	1.31E-06	1.44E-06	9.55E-05
1380	494027.33, 3860502.55	0.04859	0.1391	0.01557	0.01659	2.07E-04	0.00E+00	1.32E-06	1.43E-06	2.10E-04	9.76E-05	4.38E-03	9.93E-05	5.24E-05	4.63E-03	9.28E-05	0.00E+00	1.32E-06	1.43E-06	9.56E-05
1381	493627.33, 3860552.55	0.0467	0.14808	0.01405	0.01683	1.99E-04	0.00E+00	1.19E-06	1.45E-06	2.02E-04	9.38E-05	4.66E-03	8.96E-05	5.31E-05	4.90E-03	8.92E-05	0.00E+00	1.19E-06	1.45E-06	9.18E-05
1382	493677.33, 3860552.55	0.04677	0.1468	0.01409	0.01678	1.99E-04	0.00E+00	1.20E-06	1.44E-06	2.02E-04	9.39E-05	4.62E-03	8.99E-05	5.30E-05	4.86E-03	8.93E-05	0.00E+00	1.20E-06	1.44E-06	9.20E-05
1383	493727.33, 3860552.55	0.04683	0.1454	0.01414	0.01673	1.99E-04	0.00E+00	1.20E-06	1.44E-06	2.02E-04	9.41E-05	4.58E-03	9.02E-05	5.28E-05	4.82E-03	8.94E-05	0.00E+00	1.20E-06	1.44E-06	9.21E-05
1384	493777.33, 3860552.55	0.04697	0.14399	0.01425	0.01664	2.00E-04	0.00E+00	1.21E-06	1.43E-06	2.03E-04	9.43E-05	4.54E-03	9.09E-05	5.25E-05	4.77E-03	8.97E-05	0.00E+00	1.21E-06	1.43E-06	9.24E-05
1385	493827.33, 3860552.55	0.04715	0.14248	0.0144	0.01653	2.01E-04	0.00E+00	1.22E-06	1.42E-06	2.03E-04	9.47E-05	4.49E-03	9.19E-05	5.22E-05	4.73E-03	9.01E-05	0.00E+00	1.22E-06	1.42E-06	9.27E-05
1386	493877.33, 3860552.55	0.0472	0.14116	0.01448	0.01647	2.01E-04	0.00E+00	1.23E-06	1.42E-06	2.04E-04	9.48E-05	4.45E-03	9.24E-05	5.20E-05	4.69E-03	9.01E-05	0.00E+00	1.23E-06	1.42E-06	9.28E-05
1387	493927.33, 3860552.55	0.04734	0.13976	0.01463	0.01636	2.02E-04	0.00E+00	1.24E-06	1.41E-06	2.04E-04	9.51E-05	4.40E-03	9.33E-05	5.17E-05	4.64E-03	9.04E-05	0.00E+00	1.24E-06	1.41E-06	9.31E-05
1388	493977.33, 3860552.55	0.04748	0.13835	0.0148	0.01626	2.02E-04	0.00E+00	1.26E-06	1.40E-06	2.05E-04	9.54E-05	4.36E-03	9.44E-05	5.13E-05	4.60E-03	9.07E-05	0.00E+00	1.26E-06	1.40E-06	9.33E-05
1389	494027.33, 3860552.55	0.0475	0.13708	0.01488	0.01619	2.02E-04	0.00E+00	1.27E-06	1.39E-06	2.05E-04	9.54E-05	4.32E-03	9.49E-05	5.11E-05	4.56E-03	9.07E-05	0.00E+00	1.27E-06	1.39E-06	9.34E-05
1390	493627.33, 3860602.55	0.04542	0.14561	0.01349	0.01637	1.93E-04	0.00E+00	1.15E-06	1.41E-06	1.96E-04	9.12E-05	4.59E-03	8.60E-05	5.17E-05	4.82E-03	8.67E-05	0.00E+00	1.15E-06	1.41E-06	8.93E-05
1391	493727.33, 3860602.55	0.04551	0.14292	0.01351	0.01632	1.94E-04	0.00E+00	1.15E-06	1.41E-06	1.96E-04	9.14E-05	4.50E-03	8.62E-05	5.15E-05	4.73E-03	8.69E-05	0.00E+00	1.15E-06	1.41E-06	8.95E-05
1392	493777.33, 3860602.55	0.04576	0.14154	0.01367	0.0162	1.95E-04	0.00E+00	1.16E-06	1.39E-06	1.97E-04	9.19E-05	4.46E-03	8.72E-05	5.11E-05	4.69E-03	8.74E-05	0.00E+00	1.16E-06	1.39E-06	9.00E-05
1393	493827.33, 3860602.55	0.04589	0.14021	0.01376	0.01613	1.95E-04	0.00E+00	1.17E-06	1.39E-06	1.98E-04	9.22E-05	4.42E-03	8.78E-05	5.09E-05	4.65E-03	8.76E-05	0.00E+00	1.17E-06	1.39E-06	9.02E-05
1394	493877.33, 3860602.55	0.04609	0.13887	0.01391	0.01602	1.96E-04	0.00E+00	1.18E-06	1.38E-06	1.99E-04	9.26E-05	4.37E-03	8.87E-05	5.06E-05	4.61E-03	8.80E-05	0.00E+00	1.18E-06	1.38E-06	9.06E-05
1395	493927.33, 3860602.55	0.04622	0.13757	0.01403	0.01594	1.97E-04	0.00E+00	1.19E-06	1.37E-06	1.99E-04	9.28E-05	4.33E-03	8.95E-05	5.03E-05	4.57E-03	8.83E-05	0.00E+00	1.19E-06	1.37E-06	9.08E-05
1396	493977.33, 3860602.55	0.04635	0.13619	0.01416	0.01585	1.97E-04	0.00E+00	1.20E-06	1.36E-06	2.00E-04	9.31E-05	4.29E-03	9.03E-05	5.00E-05	4.52E-03	8.85E-05	0.00E+00	1.20E-06	1.36E-06	9.11E-05
1397	494027.33, 3860602.55	0.04637	0.13507	0.01422	0.0158	1.97E-04	0.00E+00	1.21E-06	1.36E-06	2.00E-04	9.31E-05	4.25E-03	9.07E-05	4.99E-05	4.49E-03	8.86E-05	0.00E+00	1.21E-06	1.36E-06	9.11E-05
1398	493627.33, 3860652.55	0.0441	0.14301	0.01296	0.01593	1.88E-04	0.00E+00	1.10E-06	1.37E-06	1.90E-04	8.86E-05	4.50E-03	8.27E-05	5.03E-05	4.73E-03	8.42E-05	0.00E+00	1.10E-06	1.37E-06	8.67E-05
1399	493727.33, 3860652.55	0.04425	0.14037	0.01299	0.01582	1.88E-04	0.00E+00	1.10E-06	1.36E-06	1.91E-04	8.89E-05	4.42E-03	8.29E-05	4.99E-05	4.64E-03	8.45E-05	0.00E+00	1.10E-06	1.36E-06	8.70E-05
1400	493777.33, 3860652.55	0.04448	0.13907	0.0131	0.01577	1.89E-04	0.00E+00	1.11E-06	1.36E-06	1.92E-04	8.93E-05	4.38E-03	8.36E-05	4.98E-05	4.60E-03	8.50E-05	0.00E+00	1.11E-06	1.36E-06	8.74E-05
1401	493827.33, 3860652.55	0.04469	0.13778	0.01321	0.0157	1.90E-04	0.00E+00	1.12E-06	1.35E-06	1.93E-04	8.98E-05	4.34E-03	8.43E-05	4.96E-05	4.56E-03	8.54E-05	0.00E+00	1.12E-06	1.35E-06	8.78E-05
1402	493877.33, 3860652.55	0.04492	0.13649	0.01335	0.0156	1.91E-04	0.00E+00	1.14E-06	1.34E-06	1.94E-04	9.02E-05	4.30E-03	8.52E-05	4.93E-05	4.52E-03	8.58E-05	0.00E+00	1.14E-06	1.34E-06	8.83E-05
1403	493927.33, 3860652.55	0.04506	0.13525	0.01345	0.01552	1.92E-04	0.00E+00	1.14E-06	1.34E-06	1.94E-04	9.05E-05	4.26E-03	8.58E-05	4.90E-05	4.49E-03	8.61E-05	0.00E+00	1.14E-06	1.34E-06	8.85E-05
1404	493977.33, 3860652.55	0.04518	0.13403	0.01355	0.01546	1.92E-04	0.00E+00	1.15E-06	1.33E-06	1.95E-04	9.07E-05	4.22E-03	8.64E-05	4.88E-05	4.45E-03	8.63E-05	0.00E+00	1.15E-06	1.33E-06	8.88E-05
1405	494027.33, 3860652.55	0.04534	0.1328	0.01369	0.01536	1.93E-04	0.00E+00	1.16E-06	1.32E-06	1.96E-04	9.11E-05	4.18E-03	8.73E-05	4.85E-05	4.41E-03	8.66E-05	0.00E+00	1.16E-06	1.32E-06	8.91E-05
1406	494311.06, 3858401.99	0.06133	0.06938	0.05069	0.02491	2.61E-04	0.00E+00	4.31E-06	2.15E-06	2.68E-04	1.23E-04	2.19E-03	3.23E-04	7.87E-05	2.71E-03	1.17E-04	0.00E+00	4.31E-06	2.15E-06	1.24E-04
1407	494361.06, 3858401.99	0.06028	0.06825	0.04993	0.02469	2.57E-04	0.00E+00	4.25E-06	2.13E-06	2.63E-04	1.21E-04	2.15E-03	3.18E-04	7.80E-05	2.67E-03	1.15E-04	0.00E+00	4.25E-06	2.13E-06	1.22E-04
1408	494411.06, 3858401.99	0.05961	0.06744	0.04938	0.02451	2.54E-04	0.00E+00	4.20E-06	2.11E-06	2.60E-04	1.20E-04	2.12E-03	3.15E-04	7.74E-05	2.64E-03	1.14E-04	0.00E+00	4.20E-06	2.11E-06	1.20E-04
1409	494461.06, 3858401.99	0.05936	0.06698	0.04903	0.02437	2.53E-04	0.00E+00	4.17E-06	2.10E-06	2.59E-04	1.19E-04	2.11E-03	3.13E-04	7.69E-05	2.62E-03	1.13E-04	0.00E+00	4.17E-06	2.10E-06	1.20E-04
1410	494511.06, 3858401.99	0.05862	0.06613	0.04847	0.02419	2.50E-04	0.00E+00	4.12E-06	2.08E-06	2.56E-04	1.18E-04	2.08E-03	3.09E-04	7.64E-05	2.59E-03	1.12E-04	0.00E+00	4.12E-06	2.08E-06	1.18E-04
1411	494561.06, 3858401.99	0.05833	0.06565	0.04811	0.02405	2.48E-04	0.00E+00	4.09E-06	2.07E-06	2.55E-04	1.17E-04	2.07E-03	3.07E-04	7.59E-05	2.57E-03	1.11E-04	0.00E+00	4.09E-06	2.07E-06	1.18E-04
1412	494611.06, 3858401.99	0.05758	0.06479	0.04752	0.02387	2.45E-04	0.00E+00	4.04E-06	2.06E-06	2.51E-04	1.16E-04	2.04E-03	3.03E-04	7.54E-05	2.54E-03	1.10E-04	0.00E+00	4.04E-06	2.06E-06	1.16E-04

1413	494661.06, 3858401.99	0.0569	0.06406	0.04702	0.02371	2.42E-04	0.00E+00	4.00E-06	2.04E-06	2.48E-04	1.14E-04	2.02E-03	3.00E-04	7.49E-05	2.51E-03	1.09E-04	0.00E+00	4.00E-06	2.04E-06	1.15E-04
1414	494711.06, 3858401.99	0.05591	0.06301	0.04633	0.02351	2.38E-04	0.00E+00	3.94E-06	2.02E-06	2.44E-04	1.12E-04	1.98E-03	2.96E-04	7.42E-05	2.47E-03	1.07E-04	0.00E+00	3.94E-06	2.02E-06	1.13E-04
1415	494761.06, 3858401.99	0.05545	0.06239	0.04593	0.02336	2.36E-04	0.00E+00	3.91E-06	2.01E-06	2.42E-04	1.11E-04	1.97E-03	2.93E-04	7.38E-05	2.44E-03	1.06E-04	0.00E+00	3.91E-06	2.01E-06	1.12E-04
1416	494811.06, 3858401.99	0.05473	0.06157	0.04543	0.02318	2.33E-04	0.00E+00	3.86E-06	2.00E-06	2.39E-04	1.10E-04	1.94E-03	2.90E-04	7.32E-05	2.41E-03	1.05E-04	0.00E+00	3.86E-06	2.00E-06	1.10E-04
1417	494861.06, 3858401.99	0.05409	0.06083	0.04497	0.02302	2.30E-04	0.00E+00	3.82E-06	1.98E-06	2.36E-04	1.09E-04	1.92E-03	2.87E-04	7.27E-05	2.38E-03	1.03E-04	0.00E+00	3.82E-06	1.98E-06	1.09E-04
1418	494911.06, 3858401.99	0.05347	0.06014	0.04453	0.02286	2.28E-04	0.00E+00	3.79E-06	1.97E-06	2.33E-04	1.07E-04	1.89E-03	2.84E-04	7.22E-05	2.36E-03	1.02E-04	0.00E+00	3.79E-06	1.97E-06	1.08E-04
1419	494961.06, 3858401.99	0.05281	0.05936	0.04409	0.0227	2.25E-04	0.00E+00	3.75E-06	1.95E-06	2.31E-04	1.06E-04	1.87E-03	2.81E-04	7.17E-05	2.33E-03	1.01E-04	0.00E+00	3.75E-06	1.95E-06	1.07E-04
1420	495011.06, 3858401.99	0.05193	0.05844	0.04347	0.0225	2.21E-04	0.00E+00	3.70E-06	1.94E-06	2.27E-04	1.04E-04	1.84E-03	2.77E-04	7.10E-05	2.29E-03	9.92E-05	0.00E+00	3.70E-06	1.94E-06	1.05E-04
1421	495061.06, 3858401.99	0.05127	0.0577	0.04293	0.02233	2.18E-04	0.00E+00	3.65E-06	1.92E-06	2.24E-04	1.03E-04	1.82E-03	2.74E-04	7.05E-05	2.26E-03	9.79E-05	0.00E+00	3.65E-06	1.92E-06	1.03E-04
1422	495111.06, 3858401.99	0.04994	0.0564	0.04228	0.02208	2.13E-04	0.00E+00	3.60E-06	1.90E-06	2.18E-04	1.00E-04	1.78E-03	2.70E-04	6.97E-05	2.22E-03	9.54E-05	0.00E+00	3.60E-06	1.90E-06	1.01E-04
1423	495161.06, 3858401.99	0.04978	0.05607	0.04203	0.02197	2.12E-04	0.00E+00	3.57E-06	1.89E-06	2.17E-04	1.00E-04	1.77E-03	2.68E-04	6.94E-05	2.20E-03	9.51E-05	0.00E+00	3.57E-06	1.89E-06	1.01E-04
1424	495211.06, 3858401.99	0.0486	0.05495	0.04145	0.02177	2.07E-04	0.00E+00	3.53E-06	1.87E-06	2.12E-04	9.76E-05	1.73E-03	2.64E-04	6.87E-05	2.16E-03	9.28E-05	0.00E+00	3.53E-06	1.87E-06	9.82E-05
1425	495261.06, 3858401.99	0.04803	0.05428	0.04105	0.02162	2.05E-04	0.00E+00	3.49E-06	1.86E-06	2.10E-04	9.65E-05	1.71E-03	2.62E-04	6.83E-05	2.14E-03	9.17E-05	0.00E+00	3.49E-06	1.86E-06	9.71E-05
1426	495311.06, 3858401.99	0.04742	0.05359	0.04064	0.02146	2.02E-04	0.00E+00	3.46E-06	1.85E-06	2.07E-04	9.52E-05	1.69E-03	2.59E-04	6.78E-05	2.11E-03	9.06E-05	0.00E+00	3.46E-06	1.85E-06	9.59E-05
1427	495361.06, 3858401.99	0.04702	0.05309	0.04032	0.02133	2.00E-04	0.00E+00	3.43E-06	1.84E-06	2.06E-04	9.44E-05	1.67E-03	2.57E-04	6.73E-05	2.09E-03	8.98E-05	0.00E+00	3.43E-06	1.84E-06	9.51E-05
1428	495411.06, 3858401.99	0.04685	0.05276	0.04009	0.02122	2.00E-04	0.00E+00	3.41E-06	1.83E-06	2.05E-04	9.41E-05	1.66E-03	2.56E-04	6.70E-05	2.08E-03	8.95E-05	0.00E+00	3.41E-06	1.83E-06	9.47E-05
1429	495461.06, 3858401.99	0.04675	0.0525	0.03988	0.02112	1.99E-04	0.00E+00	3.39E-06	1.82E-06	2.04E-04	9.39E-05	1.65E-03	2.54E-04	6.67E-05	2.07E-03	8.93E-05	0.00E+00	3.39E-06	1.82E-06	9.45E-05
1430	495511.06, 3858401.99	0.04658	0.05218	0.03965	0.02102	1.98E-04	0.00E+00	3.37E-06	1.81E-06	2.04E-04	9.36E-05	1.64E-03	2.53E-04	6.64E-05	2.06E-03	8.90E-05	0.00E+00	3.37E-06	1.81E-06	9.41E-05
1431	495561.06, 3858401.99	0.04619	0.0516	0.03946	0.02092	1.97E-04	0.00E+00	3.36E-06	1.80E-06	2.02E-04	9.28E-05	1.63E-03	2.52E-04	6.61E-05	2.04E-03	8.82E-05	0.00E+00	3.36E-06	1.80E-06	9.34E-05
1432	495611.06, 3858401.99	0.04607	0.05133	0.03925	0.02082	1.96E-04	0.00E+00	3.34E-06	1.79E-06	2.01E-04	9.25E-05	1.62E-03	2.50E-04	6.57E-05	2.03E-03	8.80E-05	0.00E+00	3.34E-06	1.79E-06	9.31E-05
1433	495661.06, 3858401.99	0.04624	0.05138	0.03904	0.02073	1.97E-04	0.00E+00	3.32E-06	1.79E-06	2.02E-04	9.29E-05	1.62E-03	2.49E-04	6.55E-05	2.03E-03	8.83E-05	0.00E+00	3.32E-06	1.79E-06	9.34E-05
1434	494311.06, 3858451.99	0.06242	0.07181	0.05077	0.02516	2.66E-04	0.00E+00	4.32E-06	2.17E-06	2.72E-04	1.25E-04	2.26E-03	3.24E-04	7.94E-05	2.79E-03	1.19E-04	0.00E+00	4.32E-06	2.17E-06	1.26E-04
1435	494361.06, 3858451.99	0.06159	0.07083	0.04995	0.02496	2.62E-04	0.00E+00	4.25E-06	2.15E-06	2.69E-04	1.24E-04	2.23E-03	3.19E-04	7.88E-05	2.75E-03	1.18E-04	0.00E+00	4.25E-06	2.15E-06	1.24E-04
1436	494411.06, 3858451.99	0.06092	0.06998	0.04935	0.02477	2.59E-04	0.00E+00	4.20E-06	2.13E-06	2.66E-04	1.22E-04	2.20E-03	3.15E-04	7.82E-05	2.72E-03	1.16E-04	0.00E+00	4.20E-06	2.13E-06	1.23E-04
1437	494461.06, 3858451.99	0.06034	0.06922	0.04881	0.02459	2.57E-04	0.00E+00	4.15E-06	2.12E-06	2.63E-04	1.21E-04	2.18E-03	3.11E-04	7.76E-05	2.69E-03	1.15E-04	0.00E+00	4.15E-06	2.12E-06	1.22E-04
1438	494511.06, 3858451.99	0.06004	0.0687	0.04844	0.02445	2.56E-04	0.00E+00	4.12E-06	2.11E-06	2.62E-04	1.21E-04	2.16E-03	3.09E-04	7.72E-05	2.67E-03	1.15E-04	0.00E+00	4.12E-06	2.11E-06	1.21E-04
1439	494561.06, 3858451.99	0.05925	0.06776	0.04782	0.02425	2.52E-04	0.00E+00	4.07E-06	2.09E-06	2.58E-04	1.19E-04	2.13E-03	3.05E-04	7.66E-05	2.64E-03	1.13E-04	0.00E+00	4.07E-06	2.09E-06	1.19E-04
1440	494611.06, 3858451.99	0.05869	0.06703	0.0473	0.02408	2.50E-04	0.00E+00	4.02E-06	2.07E-06	2.56E-04	1.18E-04	2.11E-03	3.02E-04	7.60E-05	2.61E-03	1.12E-04	0.00E+00	4.02E-06	2.07E-06	1.18E-04
1441	494661.06, 3858451.99	0.05808	0.06627	0.04681	0.02391	2.47E-04	0.00E+00	3.98E-06	2.06E-06	2.53E-04	1.17E-04	2.09E-03	2.99E-04	7.55E-05	2.58E-03	1.11E-04	0.00E+00	3.98E-06	2.06E-06	1.17E-04
1442	494711.06, 3858451.99	0.05725	0.06531	0.04622	0.02371	2.44E-04	0.00E+00	3.93E-06	2.04E-06	2.50E-04	1.15E-04	2.06E-03	2.95E-04	7.49E-05	2.54E-03	1.09E-04	0.00E+00	3.93E-06	2.04E-06	1.15E-04
1443	494761.06, 3858451.99	0.0564	0.06436	0.04566	0.02352	2.40E-04	0.00E+00	3.88E-06	2.03E-06	2.46E-04	1.13E-04	2.03E-03	2.91E-04	7.43E-05	2.51E-03	1.08E-04	0.00E+00	3.88E-06	2.03E-06	1.14E-04
1444	494811.06, 3858451.99	0.05575	0.06358	0.04514	0.02335	2.37E-04	0.00E+00	3.84E-06	2.01E-06	2.43E-04	1.12E-04	2.00E-03	2.88E-04	7.37E-05	2.48E-03	1.06E-04	0.00E+00	3.84E-06	2.01E-06	1.12E-04
1445	494861.06, 3858451.99	0.05493	0.06272	0.04456	0.02317	2.34E-04	0.00E+00	3.79E-06	2.00E-06	2.40E-04	1.10E-04	1.98E-03	2.84E-04	7.32E-05	2.44E-03	1.05E-04	0.00E+00	3.79E-06	2.00E-06	1.11E-04
1446	494911.06, 3858451.99	0.05403	0.0616	0.04413	0.02301	2.30E-04	0.00E+00	3.75E-06	1.98E-06	2.36E-04	1.09E-04	1.94E-03	2.81E-04	7.27E-05	2.40E-03	1.03E-04	0.00E+00	3.75E-06	1.98E-06	1.09E-04
1447	494961.06, 3858451.99	0.05319	0.06078	0.04346	0.02278	2.27E-04	0.00E+00	3.70E-06	1.96E-06	2.32E-04	1.07E-04	1.91E-03	2.77E-04	7.19E-05	2.37E-03	1.02E-04	0.00E+00	3.70E-06	1.96E-06	1.07E-04
1448	495011.06, 3858451.99	0.05225	0.05978	0.04291	0.02258	2.23E-04	0.00E+00	3.65E-06	1.94E-06	2.28E-04	1.05E-04	1.88E-03	2.74E-04	7.13E-05	2.33E-03	9.98E-05	0.00E+00	3.65E-06	1.94E-06	1.05E-04
1449	495061.06, 3858451.99	0.05187	0.05925	0.04258	0.02245	2.21E-04	0.00E+00	3.62E-06	1.93E-06	2.26E-04	1.04E-04	1.87E-03	2.72E-04	7.09E-05	2.31E-03	9.91E-05	0.00E+00	3.62E-06	1.93E-06	1.05E-04
1450	495111.06, 3858451.99	0.05097	0.05829	0.04201	0.02225	2.17E-04	0.00E+00	3.57E-06	1.92E-06	2.23E-04	1.02E-04	1.84E-03	2.68E-04	7.03E-05	2.28E-03	9.73E-05	0.00E+00	3.57E-06	1.92E-06	1.03E-04
1451	495161.06, 3858451.99	0.04995	0.05723	0.04132	0.02204	2.13E-04	0.00E+00	3.51E-06	1.90E-06	2.18E-04	1.00E-04	1.80E-03	2.64E-04	6.96E-05	2.24E-03	9.54E-05	0.00E+00	3.51E-06	1.90E-06	1.01E-04
1452	495211.06, 3858451.99	0.04904	0.05625	0.04083	0.02182	2.09E-04	0.00E+00	3.47E-06	1.88E-06	2.14E-04	9.85E-05	1.77E-03	2.60E-04	6.89E-05	2.20E-03	9.37E-05	0.00E+00	3.47E-06	1.88E-06	9.90E-05
1453	495261.06, 3858451.99	0.04848	0.05557	0.04047	0.02168	2.06E-04	0.00E+00	3.44E-06	1.87E-06	2.12E-04	9.74E-05	1.75E-03	2.58E-04	6.85E-05	2.17E-03	9.26E-05	0.00E+00	3.44E-06	1.87E-06	9.79E-05
1454	495311.06, 3858451.99	0.04804	0.055	0.04014	0.02154	2.05E-04	0.00E+00	3.41E-06	1.85E-06	2.10E-04	9.65E-05	1.73E-03	2.56E-04	6.80E-05	2.15E-03	9.18E-05	0.00E+00	3.41E-06	1.85E-06	9.70E-05
1455	495361.06, 3858451.99	0.04763	0.05451	0.03985	0.02141	2.03E-04	0.00E+00	3.39E-06	1.84E-06	2.08E-04	9.57E-05	1.72E-03	2.54E-04	6.76E-05	2.13E-03	9.10E-05	0.00E+00	3.39E-06	1.84E-06	9.62E-05
1456	495411.06, 3858451.99	0.04751	0.05422	0.03964	0.0213	2.02E-04	0.00E+00	3.37E-06	1.83E-06	2.08E-04	9.54E-05	1.71E-03	2.53E-04	6.73E-05	2.12E-03	9.07E-05	0.00E+00	3.37E-06	1.83E-06	9.59E-05
1457	495461.06, 3858451.99	0.04744	0.05397	0.03945	0.02121	2.02E-04	0.00E+00	3.36E-06	1.83E-06	2.07E-04	9.53E-05	1.70E-03	2.52E-04	6.70E-05	2.11E-03	9.06E-05	0.00E+00	3.36E-06	1.83E-06	9.58E-05
1458	495511.06, 3858451.99	0.047	0.05341	0.03914	0.02107	2.00E-04	0.00E+00	3.33E-06	1.81E-06	2.05E-04	9.44E-05	1.68E-03	2.50E-04	6.65E-05	2.09E-03	8.98E-05	0.00E+00	3.33E-06	1.81E-06	9.49E-05
1459	495561.06, 3858451.99	0.04714	0.05334	0.03902	0.021	2.01E-04	0.00E+00	3.32E-06	1.81E-06	2.06E-04	9.47E-05	1.68E-03	2.49E-04	6.63E-05	2.09E-03	9.00E-05	0.00E+00	3.32E-06	1.81E-06	9.52E-05
1460	495611.06, 3858451.99	0.04658	0.05268	0.03867	0.02085	1.98E-04	0.00E+00	3.29E-06	1.80E-06	2.03E-04	9.36E-05	1.66E-03	2.47E-04	6.58E-05	2.07E-03	8.90E-05	0.00E+00	3.29E-06	1.80E-06	9.40E-05
1461	495661.06, 3858451.99	0.04658	0.05251	0.03851	0.02076	1.98E-04	0.00E+00	3.28E-06	1.79E-06	2.03E-04	9.36E-05	1.65E-03	2.46E-04	6.55E-05	2.06E-03	8.90E-05	0.00E+00	3.28E-06	1.79E-06	9.40E-05
1462	494311.06, 3858501.99	0.06232	0.07329	0.05023	0.02529	2.65E-04	0.00E+00	4.27E-06	2.18E-06	2.72E-04	1.25E-04	2.31E-03	3.20E-04	7.98E-05	2.83E-03	1.19E-04	0.00E+00	4.27E-06	2.18E-06	1.25E-04
1463	494361.06, 3858501.99	0.06183	0.07256	0.04975	0.02512	2.63E-04	0.00E+00	4.23E-06	2.16E-06	2.70E-04	1.24E-04	2.29E-03	3.17E-04	7.93E-05	2.81E-03	1.18E-04	0.00E+00	4.23E-06	2.16E-06	1.24E-04
1464	494411.06, 3858501.99	0.06124	0.07173	0.0492	0.02493	2.61E-04	0.00E+00	4.18E-06	2.15E-06	2.67E-04	1.23E-04	2.26E-03	3.14E-04	7.87E-05	2.78E-03	1.17E-04	0.00E+00	4.18E-06	2.15E-06	1.23E-04
1465	494461.06, 3858501.99	0.06091	0.07116	0.04874	0.02476	2.59E-04	0.00E+00	4.15E-06	2.13E-06	2.66E-04	1.22E-04	2.24E-03	3.11E-04	7.82E-05	2.75E-03	1.16E-04	0.00E+00	4.15E-06	2.13E-06	1.23E-04
1466	494511.06, 3858501.99	0.06006	0.07013	0.04797	0.02456	2.56E-04	0.00E+00	4.08E-06	2.11E-06	2.62E-04	1.21E-04	2.21E-03	3.06E-04	7.75E-05	2.71E-03	1.15E-04	0.00E+00	4.08E-06	2.11E-06	1.21E-04
1467	494561.06, 3858501.99	0.06025	0.07002	0.0479	0.02447	2.57E-04	0.00E+00	4.07E-06	2.11E-06	2.63E-04	1.21E-04	2.21E-03	3.06E-04	7.73E-05	2.71E-03	1.15E-04	0.00E+00	4.07E-06	2.11E-06	1.21E-04
1468	494611.06, 3858501.99	0.05953	0.06913	0.0472	0.02428	2.54E-04	0.00E+00	4.01E-06	2.09E-06	2.60E-04	1.20E-04	2.18E-03	3.01E-04	7.67E-05	2.67E-03	1.14E-04	0.00E+00	4.01E-06	2.09E-06	1.20E-04
1469	494661.06, 3858501.99	0.05911	0.06849	0.04675	0.02411	2.52E-04	0.00E+00	3.98E-06	2.08E-06	2.58E-04	1.19E-04	2.16E-03	2.98E-04	7.61E-05	2.65E-03	1.13E-04	0.00E+00	3.98E-06	2.08E-06	1.19E-04
1470	494711.06, 3858501.99	0.05825	0.06749	0.04613	0.02391	2.48E-04	0.00E+00	3.92E-06	2.06E-06	2.54E-04	1.17E-04	2.13E-03	2.94E-04	7.55E-05	2.61E-03	1.11E-04	0.00E+00	3.92E-06	2.06E-06	1.17E-04
1471	494761.06, 3858501.99	0.05727	0.06637	0.04541	0.02368	2.44E-04	0.00E+00	3.86E-06	2.04E-06	2.50E-04	1.15E-04	2.09E-03	2.90E-04	7.48E-05	2.57E-03	1.09E-04	0.00E+00	3.86E-06	2.04E-06	1.15E-04

1472	494811.06, 3858501.99	0.05637	0.06533	0.04477	0.02348	2.40E-04	0.00E+00	3.81E-06	2.02E-06	2.46E-04	1.13E-04	2.06E-03	2.86E-04	7.41E-05	2.53E-03	1.08E-04	0.00E+00	3.81E-06	2.02E-06	1.13E-04
1473	494861.06, 3858501.99	0.05578	0.06458	0.04432	0.02331	2.38E-04	0.00E+00	3.77E-06	2.01E-06	2.43E-04	1.12E-04	2.03E-03	2.83E-04	7.36E-05	2.50E-03	1.07E-04	0.00E+00	3.77E-06	2.01E-06	1.12E-04
1474	494911.06, 3858501.99	0.05451	0.06326	0.04355	0.02306	2.32E-04	0.00E+00	3.70E-06	1.99E-06	2.38E-04	1.09E-04	1.99E-03	2.78E-04	7.28E-05	2.45E-03	1.04E-04	0.00E+00	3.70E-06	1.99E-06	1.10E-04
1475	494961.06, 3858501.99	0.05386	0.06251	0.04307	0.0229	2.29E-04	0.00E+00	3.66E-06	1.97E-06	2.35E-04	1.08E-04	1.97E-03	2.75E-04	7.23E-05	2.42E-03	1.03E-04	0.00E+00	3.66E-06	1.97E-06	1.09E-04
1476	495011.06, 3858501.99	0.05279	0.06134	0.04242	0.02268	2.25E-04	0.00E+00	3.61E-06	1.95E-06	2.30E-04	1.06E-04	1.93E-03	2.71E-04	7.16E-05	2.38E-03	1.01E-04	0.00E+00	3.61E-06	1.95E-06	1.06E-04
1477	495061.06, 3858501.99	0.0524	0.06078	0.04209	0.02254	2.23E-04	0.00E+00	3.58E-06	1.94E-06	2.29E-04	1.05E-04	1.91E-03	2.68E-04	7.12E-05	2.36E-03	1.00E-04	0.00E+00	3.58E-06	1.94E-06	1.06E-04
1478	495111.06, 3858501.99	0.05106	0.0594	0.04138	0.02229	2.17E-04	0.00E+00	3.52E-06	1.92E-06	2.23E-04	1.03E-04	1.87E-03	2.64E-04	7.04E-05	2.31E-03	9.75E-05	0.00E+00	3.52E-06	1.92E-06	1.03E-04
1479	495161.06, 3858501.99	0.05024	0.05849	0.04088	0.02211	2.14E-04	0.00E+00	3.48E-06	1.90E-06	2.19E-04	1.01E-04	1.84E-03	2.61E-04	6.98E-05	2.27E-03	9.60E-05	0.00E+00	3.48E-06	1.90E-06	1.01E-04
1480	495211.06, 3858501.99	0.04944	0.0576	0.04033	0.02192	2.11E-04	0.00E+00	3.43E-06	1.89E-06	2.16E-04	9.93E-05	1.81E-03	2.57E-04	6.92E-05	2.24E-03	9.44E-05	0.00E+00	3.43E-06	1.89E-06	9.97E-05
1481	495261.06, 3858501.99	0.04891	0.05694	0.03989	0.02176	2.08E-04	0.00E+00	3.39E-06	1.87E-06	2.14E-04	9.82E-05	1.79E-03	2.54E-04	6.87E-05	2.21E-03	9.34E-05	0.00E+00	3.39E-06	1.87E-06	9.87E-05
1482	495311.06, 3858501.99	0.04863	0.05649	0.03963	0.02163	2.07E-04	0.00E+00	3.37E-06	1.86E-06	2.12E-04	9.77E-05	1.78E-03	2.53E-04	6.83E-05	2.20E-03	9.29E-05	0.00E+00	3.37E-06	1.86E-06	9.81E-05
1483	495361.06, 3858501.99	0.04838	0.05607	0.03938	0.0215	2.06E-04	0.00E+00	3.35E-06	1.85E-06	2.11E-04	9.72E-05	1.77E-03	2.51E-04	6.79E-05	2.18E-03	9.24E-05	0.00E+00	3.35E-06	1.85E-06	9.76E-05
1484	495411.06, 3858501.99	0.04824	0.05571	0.03917	0.02139	2.05E-04	0.00E+00	3.33E-06	1.84E-06	2.11E-04	9.69E-05	1.75E-03	2.50E-04	6.75E-05	2.17E-03	9.21E-05	0.00E+00	3.33E-06	1.84E-06	9.73E-05
1485	495461.06, 3858501.99	0.0481	0.05539	0.03896	0.02128	2.05E-04	0.00E+00	3.31E-06	1.83E-06	2.10E-04	9.66E-05	1.74E-03	2.49E-04	6.72E-05	2.16E-03	9.19E-05	0.00E+00	3.31E-06	1.83E-06	9.70E-05
1486	495511.06, 3858501.99	0.04785	0.05498	0.03872	0.02116	2.04E-04	0.00E+00	3.29E-06	1.82E-06	2.09E-04	9.61E-05	1.73E-03	2.47E-04	6.68E-05	2.14E-03	9.14E-05	0.00E+00	3.29E-06	1.82E-06	9.65E-05
1487	495561.06, 3858501.99	0.04796	0.0549	0.0386	0.02108	2.04E-04	0.00E+00	3.28E-06	1.82E-06	2.09E-04	9.63E-05	1.73E-03	2.46E-04	6.66E-05	2.14E-03	9.16E-05	0.00E+00	3.28E-06	1.82E-06	9.67E-05
1488	495611.06, 3858501.99	0.04768	0.05436	0.03845	0.021	2.03E-04	0.00E+00	3.27E-06	1.81E-06	2.08E-04	9.58E-05	1.71E-03	2.45E-04	6.63E-05	2.12E-03	9.11E-05	0.00E+00	3.27E-06	1.81E-06	9.61E-05
1489	495661.06, 3858501.99	0.0475	0.05409	0.03814	0.02085	2.02E-04	0.00E+00	3.24E-06	1.80E-06	2.07E-04	9.54E-05	1.70E-03	2.43E-04	6.58E-05	2.11E-03	9.07E-05	0.00E+00	3.24E-06	1.80E-06	9.58E-05
1490	494311.06, 3858551.99	0.06119	0.07362	0.04963	0.02534	2.61E-04	0.00E+00	4.22E-06	2.18E-06	2.67E-04	1.23E-04	2.32E-03	3.17E-04	8.00E-05	2.84E-03	1.17E-04	0.00E+00	4.22E-06	2.18E-06	1.23E-04
1491	494361.06, 3858551.99	0.06172	0.07377	0.0499	0.02529	2.63E-04	0.00E+00	4.24E-06	2.18E-06	2.69E-04	1.24E-04	2.32E-03	3.18E-04	7.98E-05	2.85E-03	1.18E-04	0.00E+00	4.24E-06	2.18E-06	1.24E-04
1492	494411.06, 3858551.99	0.06196	0.07391	0.04942	0.02514	2.64E-04	0.00E+00	4.20E-06	2.16E-06	2.70E-04	1.24E-04	2.33E-03	3.15E-04	7.94E-05	2.85E-03	1.18E-04	0.00E+00	4.20E-06	2.16E-06	1.25E-04
1493	494461.06, 3858551.99	0.06189	0.07354	0.04915	0.02502	2.64E-04	0.00E+00	4.18E-06	2.15E-06	2.70E-04	1.24E-04	2.32E-03	3.14E-04	7.90E-05	2.83E-03	1.18E-04	0.00E+00	4.18E-06	2.15E-06	1.25E-04
1494	494511.06, 3858551.99	0.06148	0.07287	0.04863	0.02485	2.62E-04	0.00E+00	4.14E-06	2.14E-06	2.68E-04	1.23E-04	2.30E-03	3.10E-04	7.85E-05	2.81E-03	1.17E-04	0.00E+00	4.14E-06	2.14E-06	1.24E-04
1495	494561.06, 3858551.99	0.06116	0.07228	0.04825	0.02469	2.60E-04	0.00E+00	4.10E-06	2.13E-06	2.67E-04	1.23E-04	2.28E-03	3.08E-04	7.80E-05	2.79E-03	1.17E-04	0.00E+00	4.10E-06	2.13E-06	1.23E-04
1496	494611.06, 3858551.99	0.06062	0.07151	0.04764	0.02451	2.58E-04	0.00E+00	4.05E-06	2.11E-06	2.64E-04	1.22E-04	2.25E-03	3.04E-04	7.74E-05	2.76E-03	1.16E-04	0.00E+00	4.05E-06	2.11E-06	1.22E-04
1497	494661.06, 3858551.99	0.06015	0.0708	0.04709	0.02433	2.56E-04	0.00E+00	4.00E-06	2.10E-06	2.62E-04	1.21E-04	2.23E-03	3.00E-04	7.68E-05	2.73E-03	1.15E-04	0.00E+00	4.00E-06	2.10E-06	1.21E-04
1498	494711.06, 3858551.99	0.05918	0.06964	0.04636	0.0241	2.52E-04	0.00E+00	3.94E-06	2.08E-06	2.58E-04	1.19E-04	2.19E-03	2.96E-04	7.61E-05	2.68E-03	1.13E-04	0.00E+00	3.94E-06	2.08E-06	1.19E-04
1499	494761.06, 3858551.99	0.05823	0.06852	0.04558	0.02387	2.48E-04	0.00E+00	3.88E-06	2.06E-06	2.54E-04	1.17E-04	2.16E-03	2.91E-04	7.54E-05	2.64E-03	1.11E-04	0.00E+00	3.88E-06	2.06E-06	1.17E-04
1500	494811.06, 3858551.99	0.05752	0.06762	0.04485	0.02368	2.45E-04	0.00E+00	3.81E-06	2.04E-06	2.51E-04	1.16E-04	2.13E-03	2.86E-04	7.48E-05	2.61E-03	1.10E-04	0.00E+00	3.81E-06	2.04E-06	1.16E-04
1501	494861.06, 3858551.99	0.05656	0.06651	0.0442	0.02346	2.41E-04	0.00E+00	3.76E-06	2.02E-06	2.47E-04	1.14E-04	2.10E-03	2.82E-04	7.41E-05	2.56E-03	1.08E-04	0.00E+00	3.76E-06	2.02E-06	1.14E-04
1502	494911.06, 3858551.99	0.05545	0.06526	0.04343	0.02321	2.36E-04	0.00E+00	3.69E-06	2.00E-06	2.42E-04	1.11E-04	2.06E-03	2.77E-04	7.33E-05	2.52E-03	1.06E-04	0.00E+00	3.69E-06	2.00E-06	1.12E-04
1503	494961.06, 3858551.99	0.05461	0.06426	0.04284	0.02301	2.33E-04	0.00E+00	3.64E-06	1.98E-06	2.38E-04	1.10E-04	2.02E-03	2.73E-04	7.27E-05	2.48E-03	1.04E-04	0.00E+00	3.64E-06	1.98E-06	1.10E-04
1504	495011.06, 3858551.99	0.05349	0.06304	0.04216	0.02278	2.28E-04	0.00E+00	3.59E-06	1.96E-06	2.33E-04	1.07E-04	1.99E-03	2.69E-04	7.19E-05	2.43E-03	1.02E-04	0.00E+00	3.59E-06	1.96E-06	1.08E-04
1505	495061.06, 3858551.99	0.05279	0.06224	0.04167	0.02261	2.25E-04	0.00E+00	3.54E-06	1.95E-06	2.30E-04	1.06E-04	1.96E-03	2.66E-04	7.14E-05	2.40E-03	1.01E-04	0.00E+00	3.54E-06	1.95E-06	1.06E-04
1506	495111.06, 3858551.99	0.05145	0.06081	0.04089	0.02236	2.19E-04	0.00E+00	3.48E-06	1.93E-06	2.25E-04	1.03E-04	1.92E-03	2.61E-04	7.06E-05	2.35E-03	9.83E-05	0.00E+00	3.48E-06	1.93E-06	1.04E-04
1507	495161.06, 3858551.99	0.05063	0.05986	0.04039	0.02216	2.16E-04	0.00E+00	3.44E-06	1.91E-06	2.21E-04	1.02E-04	1.89E-03	2.58E-04	7.00E-05	2.31E-03	9.67E-05	0.00E+00	3.44E-06	1.91E-06	1.02E-04
1508	495211.06, 3858551.99	0.04991	0.05901	0.03994	0.02199	2.13E-04	0.00E+00	3.40E-06	1.89E-06	2.18E-04	1.00E-04	1.86E-03	2.55E-04	6.94E-05	2.28E-03	9.53E-05	0.00E+00	3.40E-06	1.89E-06	1.01E-04
1509	495261.06, 3858551.99	0.04945	0.05838	0.0396	0.02184	2.11E-04	0.00E+00	3.37E-06	1.88E-06	2.16E-04	9.93E-05	1.84E-03	2.53E-04	6.90E-05	2.26E-03	9.44E-05	0.00E+00	3.37E-06	1.88E-06	9.97E-05
1510	495311.06, 3858551.99	0.04926	0.05799	0.03938	0.02172	2.10E-04	0.00E+00	3.35E-06	1.87E-06	2.15E-04	9.89E-05	1.83E-03	2.51E-04	6.86E-05	2.25E-03	9.41E-05	0.00E+00	3.35E-06	1.87E-06	9.93E-05
1511	495361.06, 3858551.99	0.04902	0.05756	0.03913	0.0216	2.09E-04	0.00E+00	3.33E-06	1.86E-06	2.14E-04	9.85E-05	1.81E-03	2.50E-04	6.82E-05	2.23E-03	9.36E-05	0.00E+00	3.33E-06	1.86E-06	9.88E-05
1512	495411.06, 3858551.99	0.04895	0.05728	0.03896	0.02149	2.08E-04	0.00E+00	3.31E-06	1.85E-06	2.14E-04	9.83E-05	1.80E-03	2.49E-04	6.79E-05	2.22E-03	9.35E-05	0.00E+00	3.31E-06	1.85E-06	9.87E-05
1513	495461.06, 3858551.99	0.04877	0.05691	0.03874	0.02137	2.08E-04	0.00E+00	3.29E-06	1.84E-06	2.13E-04	9.80E-05	1.79E-03	2.47E-04	6.75E-05	2.21E-03	9.31E-05	0.00E+00	3.29E-06	1.84E-06	9.83E-05
1514	495511.06, 3858551.99	0.04872	0.05666	0.03857	0.02128	2.07E-04	0.00E+00	3.28E-06	1.83E-06	2.13E-04	9.79E-05	1.78E-03	2.46E-04	6.72E-05	2.20E-03	9.31E-05	0.00E+00	3.28E-06	1.83E-06	9.82E-05
1515	495561.06, 3858551.99	0.04853	0.05628	0.03835	0.02116	2.07E-04	0.00E+00	3.26E-06	1.82E-06	2.12E-04	9.75E-05	1.77E-03	2.45E-04	6.68E-05	2.18E-03	9.27E-05	0.00E+00	3.26E-06	1.82E-06	9.78E-05
1516	495611.06, 3858551.99	0.04827	0.05585	0.03809	0.02104	2.06E-04	0.00E+00	3.24E-06	1.81E-06	2.11E-04	9.70E-05	1.76E-03	2.43E-04	6.64E-05	2.17E-03	9.22E-05	0.00E+00	3.24E-06	1.81E-06	9.72E-05
1517	495661.06, 3858551.99	0.04796	0.05538	0.0378	0.02091	2.04E-04	0.00E+00	3.21E-06	1.80E-06	2.09E-04	9.63E-05	1.74E-03	2.41E-04	6.60E-05	2.15E-03	9.16E-05	0.00E+00	3.21E-06	1.80E-06	9.66E-05
1518	494311.06, 3858601.99	0.05735	0.07191	0.04621	0.02489	2.44E-04	0.00E+00	3.93E-06	2.14E-06	2.50E-04	1.15E-04	2.27E-03	2.95E-04	7.86E-05	2.75E-03	1.10E-04	0.00E+00	3.93E-06	2.14E-06	1.16E-04
1519	494361.06, 3858601.99	0.06091	0.07459	0.04908	0.02531	2.59E-04	0.00E+00	4.17E-06	2.18E-06	2.66E-04	1.22E-04	2.35E-03	3.13E-04	7.99E-05	2.86E-03	1.16E-04	0.00E+00	4.17E-06	2.18E-06	1.23E-04
1520	494411.06, 3858601.99	0.06306	0.07651	0.04957	0.02544	2.69E-04	0.00E+00	4.22E-06	2.19E-06	2.75E-04	1.27E-04	2.41E-03	3.16E-04	8.03E-05	2.93E-03	1.20E-04	0.00E+00	4.22E-06	2.19E-06	1.27E-04
1521	494461.06, 3858601.99	0.06296	0.07609	0.0493	0.02531	2.68E-04	0.00E+00	4.19E-06	2.18E-06	2.74E-04	1.26E-04	2.40E-03	3.14E-04	7.99E-05	2.92E-03	1.20E-04	0.00E+00	4.19E-06	2.18E-06	1.27E-04
1522	494511.06, 3858601.99	0.0623	0.07489	0.04899	0.02515	2.65E-04	0.00E+00	4.17E-06	2.17E-06	2.72E-04	1.25E-04	2.36E-03	3.12E-04	7.94E-05	2.88E-03	1.19E-04	0.00E+00	4.17E-06	2.17E-06	1.25E-04
1523	494561.06, 3858601.99	0.06238	0.0749	0.04855	0.02499	2.66E-04	0.00E+00	4.13E-06	2.15E-06	2.72E-04	1.25E-04	2.36E-03	3.10E-04	7.89E-05	2.87E-03	1.19E-04	0.00E+00	4.13E-06	2.15E-06	1.25E-04
1524	494611.06, 3858601.99	0.0616	0.07387	0.04794	0.02476	2.62E-04	0.00E+00	4.08E-06	2.13E-06	2.69E-04	1.24E-04	2.33E-03	3.06E-04	7.82E-05	2.83E-03	1.18E-04	0.00E+00	4.08E-06	2.13E-06	1.24E-04
1525	494661.06, 3858601.99	0.06106	0.07306	0.04747	0.02456	2.60E-04	0.00E+00	4.04E-06	2.11E-06	2.66E-04	1.23E-04	2.30E-03	3.03E-04	7.75E-05	2.80E-03	1.17E-04	0.00E+00	4.04E-06	2.11E-06	1.23E-04
1526	494711.06, 3858601.99	0.06017	0.07193	0.04681	0.02432	2.56E-04	0.00E+00	3.98E-06	2.09E-06	2.62E-04	1.21E-04	2.27E-03	2.99E-04	7.68E-05	2.76E-03	1.15E-04	0.00E+00	3.98E-06	2.09E-06	1.21E-04
1527	494761.06, 3858601.99	0.05927	0.07082	0.04601	0.02409	2.52E-04	0.00E+00	3.91E-06	2.07E-06	2.58E-04	1.19E-04	2.23E-03	2.93E-04	7.61E-05	2.72E-03	1.13E-04	0.00E+00	3.91E-06	2.07E-06	1.19E-04
1528	494811.06, 3858601.99	0.0579	0.06925	0.04493	0.02379	2.47E-04	0.00E+00	3.82E-06	2.05E-06	2.52E-04	1.16E-04	2.18E-03	2.87E-04	7.51E-05	2.66E-03	1.11E-04	0.00E+00	3.82E-06	2.05E-06	1.16E-04
1529	494861.06, 3858601.99	0.05721	0.06835	0.04431	0.02359	2.44E-04	0.00E+00	3.77E-06	2.03E-06	2.49E-04	1.15E-04	2.15E-03	2.83E-04	7.45E-05	2.63E-03	1.09E-04	0.00E+00	3.77E-06	2.03E-06	1.15E-04
1530	494911.06, 3858601.99	0.05594	0.06693	0.04325	0.02332	2.38E-04	0.00E+00	3.68E-06	2.01E-06	2.44E-04	1.12E-04	2.11E-03	2.76E-04	7.36E-05	2.57E-03	1.07E-04	0.00E+00	3.68E-06	2.01E-06	1.13E-04

1531	494961.06, 3858601.99	0.05508	0.06587	0.04265	0.02311	2.35E-04	0.00E+00	3.63E-06	1.99E-06	2.40E-04	1.11E-04	2.07E-03	2.72E-04	7.30E-05	2.53E-03	1.05E-04	0.00E+00	3.63E-06	1.99E-06	1.11E-04
1532	495011.06, 3858601.99	0.05418	0.0648	0.04199	0.02289	2.31E-04	0.00E+00	3.57E-06	1.97E-06	2.36E-04	1.09E-04	2.04E-03	2.68E-04	7.23E-05	2.49E-03	1.03E-04	0.00E+00	3.57E-06	1.97E-06	1.09E-04
1533	495061.06, 3858601.99	0.05323	0.06369	0.04134	0.02267	2.27E-04	0.00E+00	3.52E-06	1.95E-06	2.32E-04	1.07E-04	2.01E-03	2.64E-04	7.16E-05	2.45E-03	1.02E-04	0.00E+00	3.52E-06	1.95E-06	1.07E-04
1534	495111.06, 3858601.99	0.05174	0.06217	0.04048	0.02241	2.20E-04	0.00E+00	3.44E-06	1.93E-06	2.26E-04	1.04E-04	1.96E-03	2.58E-04	7.08E-05	2.39E-03	9.88E-05	0.00E+00	3.44E-06	1.93E-06	1.04E-04
1535	495161.06, 3858601.99	0.05103	0.06128	0.03996	0.02222	2.17E-04	0.00E+00	3.40E-06	1.91E-06	2.23E-04	1.02E-04	1.93E-03	2.55E-04	7.02E-05	2.36E-03	9.75E-05	0.00E+00	3.40E-06	1.91E-06	1.03E-04
1536	495211.06, 3858601.99	0.0506	0.06066	0.03963	0.02207	2.15E-04	0.00E+00	3.37E-06	1.90E-06	2.21E-04	1.02E-04	1.91E-03	2.53E-04	6.97E-05	2.33E-03	9.66E-05	0.00E+00	3.37E-06	1.90E-06	1.02E-04
1537	495261.06, 3858601.99	0.05009	0.05994	0.03928	0.02191	2.13E-04	0.00E+00	3.34E-06	1.89E-06	2.19E-04	1.01E-04	1.89E-03	2.51E-04	6.92E-05	2.31E-03	9.57E-05	0.00E+00	3.34E-06	1.89E-06	1.01E-04
1538	495311.06, 3858601.99	0.04975	0.0594	0.03899	0.02176	2.12E-04	0.00E+00	3.32E-06	1.87E-06	2.17E-04	9.99E-05	1.87E-03	2.49E-04	6.87E-05	2.29E-03	9.50E-05	0.00E+00	3.32E-06	1.87E-06	1.00E-04
1539	495361.06, 3858601.99	0.04959	0.05903	0.03878	0.02165	2.11E-04	0.00E+00	3.30E-06	1.86E-06	2.16E-04	9.96E-05	1.86E-03	2.47E-04	6.84E-05	2.27E-03	9.47E-05	0.00E+00	3.30E-06	1.86E-06	9.99E-05
1540	495411.06, 3858601.99	0.04944	0.05867	0.03858	0.02153	2.11E-04	0.00E+00	3.28E-06	1.85E-06	2.16E-04	9.93E-05	1.85E-03	2.46E-04	6.80E-05	2.26E-03	9.44E-05	0.00E+00	3.28E-06	1.85E-06	9.96E-05
1541	495461.06, 3858601.99	0.04934	0.05835	0.03839	0.02142	2.10E-04	0.00E+00	3.26E-06	1.84E-06	2.15E-04	9.91E-05	1.84E-03	2.45E-04	6.76E-05	2.25E-03	9.42E-05	0.00E+00	3.26E-06	1.84E-06	9.93E-05
1542	495511.06, 3858601.99	0.04898	0.05781	0.03811	0.02129	2.09E-04	0.00E+00	3.24E-06	1.83E-06	2.14E-04	9.84E-05	1.82E-03	2.43E-04	6.72E-05	2.23E-03	9.35E-05	0.00E+00	3.24E-06	1.83E-06	9.86E-05
1543	495561.06, 3858601.99	0.04899	0.0576	0.03797	0.02119	2.09E-04	0.00E+00	3.23E-06	1.82E-06	2.14E-04	9.84E-05	1.81E-03	2.42E-04	6.69E-05	2.22E-03	9.36E-05	0.00E+00	3.23E-06	1.82E-06	9.86E-05
1544	495611.06, 3858601.99	0.04854	0.05698	0.03766	0.02105	2.07E-04	0.00E+00	3.20E-06	1.81E-06	2.12E-04	9.75E-05	1.79E-03	2.40E-04	6.65E-05	2.20E-03	9.27E-05	0.00E+00	3.20E-06	1.81E-06	9.77E-05
1545	495661.06, 3858601.99	0.04847	0.05671	0.0375	0.02095	2.06E-04	0.00E+00	3.19E-06	1.80E-06	2.11E-04	9.74E-05	1.79E-03	2.39E-04	6.61E-05	2.19E-03	9.26E-05	0.00E+00	3.19E-06	1.80E-06	9.76E-05
1546	494311.06, 3858651.99	0.05641	0.07255	0.0452	0.02486	2.40E-04	0.00E+00	3.84E-06	2.14E-06	2.46E-04	1.13E-04	2.29E-03	2.88E-04	7.85E-05	2.77E-03	1.08E-04	0.00E+00	3.84E-06	2.14E-06	1.14E-04
1547	494361.06, 3858651.99	0.05988	0.07521	0.04807	0.02528	2.55E-04	0.00E+00	4.09E-06	2.18E-06	2.61E-04	1.20E-04	2.37E-03	3.07E-04	7.98E-05	2.88E-03	1.14E-04	0.00E+00	4.09E-06	2.18E-06	1.21E-04
1548	494411.06, 3858651.99	0.06354	0.07836	0.05032	0.02572	2.71E-04	0.00E+00	4.28E-06	2.21E-06	2.77E-04	1.28E-04	2.47E-03	3.21E-04	8.12E-05	3.00E-03	1.21E-04	0.00E+00	4.28E-06	2.21E-06	1.28E-04
1549	494461.06, 3858651.99	0.0637	0.07846	0.04942	0.02552	2.71E-04	0.00E+00	4.20E-06	2.20E-06	2.78E-04	1.28E-04	2.47E-03	3.15E-04	8.06E-05	3.00E-03	1.22E-04	0.00E+00	4.20E-06	2.20E-06	1.28E-04
1550	494511.06, 3858651.99	0.06329	0.07771	0.04896	0.02534	2.70E-04	0.00E+00	4.16E-06	2.18E-06	2.76E-04	1.27E-04	2.45E-03	3.12E-04	8.00E-05	2.97E-03	1.21E-04	0.00E+00	4.16E-06	2.18E-06	1.27E-04
1551	494561.06, 3858651.99	0.06307	0.07716	0.04863	0.02519	2.69E-04	0.00E+00	4.14E-06	2.17E-06	2.75E-04	1.27E-04	2.43E-03	3.10E-04	7.95E-05	2.95E-03	1.20E-04	0.00E+00	4.14E-06	2.17E-06	1.27E-04
1552	494611.06, 3858651.99	0.06266	0.07644	0.04819	0.02501	2.67E-04	0.00E+00	4.10E-06	2.15E-06	2.73E-04	1.26E-04	2.41E-03	3.07E-04	7.90E-05	2.92E-03	1.20E-04	0.00E+00	4.10E-06	2.15E-06	1.26E-04
1553	494661.06, 3858651.99	0.06195	0.07543	0.04758	0.02479	2.64E-04	0.00E+00	4.05E-06	2.13E-06	2.70E-04	1.24E-04	2.38E-03	3.03E-04	7.83E-05	2.88E-03	1.18E-04	0.00E+00	4.05E-06	2.13E-06	1.25E-04
1554	494711.06, 3858651.99	0.06092	0.07408	0.0468	0.02453	2.59E-04	0.00E+00	3.98E-06	2.11E-06	2.66E-04	1.22E-04	2.33E-03	2.99E-04	7.75E-05	2.83E-03	1.16E-04	0.00E+00	3.98E-06	2.11E-06	1.22E-04
1555	494761.06, 3858651.99	0.06014	0.07302	0.0462	0.02431	2.56E-04	0.00E+00	3.93E-06	2.09E-06	2.62E-04	1.21E-04	2.30E-03	2.95E-04	7.68E-05	2.79E-03	1.15E-04	0.00E+00	3.93E-06	2.09E-06	1.21E-04
1556	494811.06, 3858651.99	0.05893	0.07156	0.0454	0.024	2.51E-04	0.00E+00	3.86E-06	2.07E-06	2.57E-04	1.18E-04	2.25E-03	2.90E-04	7.58E-05	2.74E-03	1.13E-04	0.00E+00	3.86E-06	2.07E-06	1.18E-04
1557	494861.06, 3858651.99	0.05783	0.07023	0.0445	0.02374	2.46E-04	0.00E+00	3.78E-06	2.04E-06	2.52E-04	1.16E-04	2.21E-03	2.84E-04	7.50E-05	2.69E-03	1.10E-04	0.00E+00	3.78E-06	2.04E-06	1.16E-04
1558	494911.06, 3858651.99	0.05659	0.06877	0.04352	0.02345	2.41E-04	0.00E+00	3.70E-06	2.02E-06	2.47E-04	1.14E-04	2.17E-03	2.78E-04	7.40E-05	2.63E-03	1.08E-04	0.00E+00	3.70E-06	2.02E-06	1.14E-04
1559	494961.06, 3858651.99	0.0555	0.06747	0.04263	0.0232	2.36E-04	0.00E+00	3.63E-06	2.00E-06	2.42E-04	1.11E-04	2.13E-03	2.72E-04	7.33E-05	2.58E-03	1.06E-04	0.00E+00	3.63E-06	2.00E-06	1.12E-04
1560	495011.06, 3858651.99	0.05467	0.06643	0.04186	0.02298	2.33E-04	0.00E+00	3.56E-06	1.98E-06	2.38E-04	1.10E-04	2.09E-03	2.67E-04	7.26E-05	2.54E-03	1.04E-04	0.00E+00	3.56E-06	1.98E-06	1.10E-04
1561	495061.06, 3858651.99	0.05372	0.06527	0.04122	0.02276	2.29E-04	0.00E+00	3.51E-06	1.96E-06	2.34E-04	1.08E-04	2.06E-03	2.63E-04	7.19E-05	2.50E-03	1.03E-04	0.00E+00	3.51E-06	1.96E-06	1.08E-04
1562	495111.06, 3858651.99	0.05258	0.064	0.04042	0.0225	2.24E-04	0.00E+00	3.44E-06	1.94E-06	2.29E-04	1.06E-04	2.02E-03	2.58E-04	7.10E-05	2.45E-03	1.00E-04	0.00E+00	3.44E-06	1.94E-06	1.06E-04
1563	495161.06, 3858651.99	0.0519	0.06308	0.03994	0.02231	2.21E-04	0.00E+00	3.40E-06	1.92E-06	2.26E-04	1.04E-04	1.99E-03	2.55E-04	7.04E-05	2.42E-03	9.91E-05	0.00E+00	3.40E-06	1.92E-06	1.04E-04
1564	495211.06, 3858651.99	0.05108	0.06208	0.03941	0.02212	2.18E-04	0.00E+00	3.35E-06	1.90E-06	2.23E-04	1.03E-04	1.96E-03	2.51E-04	6.98E-05	2.38E-03	9.76E-05	0.00E+00	3.35E-06	1.90E-06	1.03E-04
1565	495261.06, 3858651.99	0.05091	0.06168	0.03919	0.02199	2.17E-04	0.00E+00	3.33E-06	1.89E-06	2.22E-04	1.02E-04	1.94E-03	2.50E-04	6.94E-05	2.36E-03	9.72E-05	0.00E+00	3.33E-06	1.89E-06	1.02E-04
1566	495311.06, 3858651.99	0.05054	0.06109	0.03886	0.02185	2.15E-04	0.00E+00	3.30E-06	1.88E-06	2.20E-04	1.02E-04	1.92E-03	2.48E-04	6.90E-05	2.34E-03	9.65E-05	0.00E+00	3.30E-06	1.88E-06	1.02E-04
1567	495361.06, 3858651.99	0.05031	0.06068	0.03863	0.02173	2.14E-04	0.00E+00	3.29E-06	1.87E-06	2.19E-04	1.01E-04	1.91E-03	2.46E-04	6.86E-05	2.33E-03	9.61E-05	0.00E+00	3.29E-06	1.87E-06	1.01E-04
1568	495411.06, 3858651.99	0.05029	0.06036	0.03847	0.02162	2.14E-04	0.00E+00	3.27E-06	1.86E-06	2.19E-04	1.01E-04	1.90E-03	2.45E-04	6.83E-05	2.32E-03	9.61E-05	0.00E+00	3.27E-06	1.86E-06	1.01E-04
1569	495461.06, 3858651.99	0.05033	0.06016	0.03835	0.02152	2.14E-04	0.00E+00	3.26E-06	1.85E-06	2.19E-04	1.01E-04	1.90E-03	2.45E-04	6.79E-05	2.31E-03	9.61E-05	0.00E+00	3.26E-06	1.85E-06	1.01E-04
1570	495511.06, 3858651.99	0.04982	0.05952	0.038	0.02137	2.12E-04	0.00E+00	3.23E-06	1.84E-06	2.17E-04	1.00E-04	1.87E-03	2.42E-04	6.75E-05	2.28E-03	9.52E-05	0.00E+00	3.23E-06	1.84E-06	1.00E-04
1571	495561.06, 3858651.99	0.04952	0.05902	0.0377	0.02124	2.11E-04	0.00E+00	3.21E-06	1.83E-06	2.16E-04	9.95E-05	1.86E-03	2.40E-04	6.71E-05	2.27E-03	9.46E-05	0.00E+00	3.21E-06	1.83E-06	9.96E-05
1572	495611.06, 3858651.99	0.04899	0.05831	0.03732	0.02108	2.09E-04	0.00E+00	3.17E-06	1.82E-06	2.14E-04	9.84E-05	1.84E-03	2.38E-04	6.66E-05	2.24E-03	9.36E-05	0.00E+00	3.17E-06	1.82E-06	9.86E-05
1573	495661.06, 3858651.99	0.04889	0.058	0.03715	0.02097	2.08E-04	0.00E+00	3.16E-06	1.81E-06	2.13E-04	9.82E-05	1.83E-03	2.37E-04	6.62E-05	2.23E-03	9.34E-05	0.00E+00	3.16E-06	1.81E-06	9.83E-05
1574	494311.06, 3858701.99	0.05693	0.07457	0.04538	0.02502	2.42E-04	0.00E+00	3.86E-06	2.15E-06	2.48E-04	1.14E-04	2.35E-03	2.89E-04	7.90E-05	2.83E-03	1.09E-04	0.00E+00	3.86E-06	2.15E-06	1.15E-04
1575	494361.06, 3858701.99	0.0616	0.07849	0.04888	0.02568	2.62E-04	0.00E+00	4.16E-06	2.21E-06	2.69E-04	1.24E-04	2.47E-03	3.12E-04	8.11E-05	2.99E-03	1.18E-04	0.00E+00	4.16E-06	2.21E-06	1.24E-04
1576	494411.06, 3858701.99	0.06415	0.08069	0.05071	0.02595	2.73E-04	0.00E+00	4.31E-06	2.23E-06	2.80E-04	1.29E-04	2.54E-03	3.23E-04	8.19E-05	3.08E-03	1.23E-04	0.00E+00	4.31E-06	2.23E-06	1.29E-04
1577	494461.06, 3858701.99	0.06424	0.08041	0.05062	0.02584	2.74E-04	0.00E+00	4.31E-06	2.23E-06	2.80E-04	1.29E-04	2.53E-03	3.23E-04	8.16E-05	3.07E-03	1.23E-04	0.00E+00	4.31E-06	2.23E-06	1.29E-04
1578	494511.06, 3858701.99	0.06403	0.08013	0.04921	0.02555	2.73E-04	0.00E+00	4.19E-06	2.20E-06	2.79E-04	1.29E-04	2.52E-03	3.14E-04	8.07E-05	3.05E-03	1.22E-04	0.00E+00	4.19E-06	2.20E-06	1.29E-04
1579	494561.06, 3858701.99	0.06367	0.0794	0.04879	0.02538	2.71E-04	0.00E+00	4.15E-06	2.19E-06	2.77E-04	1.28E-04	2.50E-03	3.11E-04	8.01E-05	3.02E-03	1.22E-04	0.00E+00	4.15E-06	2.19E-06	1.28E-04
1580	494611.06, 3858701.99	0.06244	0.07779	0.0478	0.02508	2.66E-04	0.00E+00	4.07E-06	2.16E-06	2.72E-04	1.25E-04	2.45E-03	3.05E-04	7.92E-05	2.96E-03	1.19E-04	0.00E+00	4.07E-06	2.16E-06	1.25E-04
1581	494661.06, 3858701.99	0.06244	0.07745	0.04763	0.02495	2.66E-04	0.00E+00	4.05E-06	2.15E-06	2.72E-04	1.25E-04	2.44E-03	3.04E-04	7.88E-05	2.95E-03	1.19E-04	0.00E+00	4.05E-06	2.15E-06	1.25E-04
1582	494711.06, 3858701.99	0.05968	0.07433	0.04576	0.02443	2.54E-04	0.00E+00	3.89E-06	2.10E-06	2.60E-04	1.20E-04	2.34E-03	2.92E-04	7.71E-05	2.83E-03	1.14E-04	0.00E+00	3.89E-06	2.10E-06	1.20E-04
1583	494761.06, 3858701.99	0.06035	0.0747	0.04598	0.02441	2.57E-04	0.00E+00	3.91E-06	2.10E-06	2.63E-04	1.21E-04	2.35E-03	2.93E-04	7.71E-05	2.84E-03	1.15E-04	0.00E+00	3.91E-06	2.10E-06	1.21E-04
1584	494811.06, 3858701.99	0.05944	0.07316	0.04513	0.02412	2.53E-04	0.00E+00	3.84E-06	2.08E-06	2.59E-04	1.19E-04	2.30E-03	2.88E-04	7.62E-05	2.79E-03	1.14E-04	0.00E+00	3.84E-06	2.08E-06	1.19E-04
1585	494861.06, 3858701.99	0.05821	0.07193	0.04445	0.02386	2.48E-04	0.00E+00	3.78E-06	2.05E-06	2.54E-04	1.17E-04	2.27E-03	2.84E-04	7.53E-05	2.74E-03	1.11E-04	0.00E+00	3.78E-06	2.05E-06	1.17E-04
1586	494911.06, 3858701.99	0.0574	0.07083	0.04388	0.02362	2.44E-04	0.00E+00	3.73E-06	2.03E-06	2.50E-04	1.15E-04	2.23E-03	2.80E-04	7.46E-05	2.70E-03	1.10E-04	0.00E+00	3.73E-06	2.03E-06	1.15E-04
1587	494961.06, 3858701.99	0.0557	0.0689	0.04252	0.02325	2.37E-04	0.00E+00	3.62E-06	2.00E-06	2.43E-04	1.12E-04	2.17E-03	2.71E-04	7.34E-05	2.63E-03	1.06E-04	0.00E+00	3.62E-06	2.00E-06	1.12E-04
1588	495011.06, 3858701.99	0.05467	0.06761	0.04174	0.023	2.33E-04	0.00E+00	3.55E-06	1.98E-06	2.38E-04	1.10E-04	2.13E-03	2.66E-04	7.26E-05	2.58E-03	1.04E-04	0.00E+00	3.55E-06	1.98E-06	1.10E-04
1589	495061.06, 3858701.99	0.05426	0.06694	0.04131	0.02284	2.31E-04	0.00E+00	3.51E-06	1.97E-06	2.37E-04	1.09E-04	2.11E-03	2.63E-04	7.21E-05	2.55E-03	1.04E-04	0.00E+00	3.51E-06	1.97E-06	1.09E-04

1590	495111.06, 3858701.99	0.05304	0.06552	0.04034	0.02257	2.26E-04	0.00E+00	3.43E-06	1.94E-06	2.31E-04	1.07E-04	2.06E-03	2.57E-04	7.13E-05	2.50E-03	1.01E-04	0.00E+00	3.43E-06	1.94E-06	1.07E-04
1591	495161.06, 3858701.99	0.05248	0.0647	0.03991	0.0224	2.23E-04	0.00E+00	3.39E-06	1.93E-06	2.29E-04	1.05E-04	2.04E-03	2.55E-04	7.07E-05	2.47E-03	1.00E-04	0.00E+00	3.39E-06	1.93E-06	1.06E-04
1592	495211.06, 3858701.99	0.05168	0.06369	0.03933	0.02217	2.20E-04	0.00E+00	3.34E-06	1.91E-06	2.25E-04	1.04E-04	2.01E-03	2.51E-04	7.00E-05	2.43E-03	9.87E-05	0.00E+00	3.34E-06	1.91E-06	1.04E-04
1593	495261.06, 3858701.99	0.05155	0.0633	0.03912	0.02205	2.20E-04	0.00E+00	3.33E-06	1.90E-06	2.25E-04	1.04E-04	1.99E-03	2.50E-04	6.96E-05	2.42E-03	9.85E-05	0.00E+00	3.33E-06	1.90E-06	1.04E-04
1594	495311.06, 3858701.99	0.05143	0.06292	0.03893	0.02193	2.19E-04	0.00E+00	3.31E-06	1.89E-06	2.24E-04	1.03E-04	1.98E-03	2.48E-04	6.92E-05	2.40E-03	9.82E-05	0.00E+00	3.31E-06	1.89E-06	1.03E-04
1595	495361.06, 3858701.99	0.05116	0.06241	0.03867	0.02179	2.18E-04	0.00E+00	3.29E-06	1.88E-06	2.23E-04	1.03E-04	1.97E-03	2.47E-04	6.88E-05	2.38E-03	9.77E-05	0.00E+00	3.29E-06	1.88E-06	1.03E-04
1596	495411.06, 3858701.99	0.05116	0.06215	0.03854	0.02169	2.18E-04	0.00E+00	3.28E-06	1.87E-06	2.23E-04	1.03E-04	1.96E-03	2.46E-04	6.85E-05	2.37E-03	9.77E-05	0.00E+00	3.28E-06	1.87E-06	1.03E-04
1597	495461.06, 3858701.99	0.05097	0.06172	0.03832	0.02157	2.17E-04	0.00E+00	3.26E-06	1.86E-06	2.22E-04	1.02E-04	1.94E-03	2.44E-04	6.81E-05	2.36E-03	9.73E-05	0.00E+00	3.26E-06	1.86E-06	1.02E-04
1598	495511.06, 3858701.99	0.05064	0.06116	0.03801	0.02143	2.16E-04	0.00E+00	3.23E-06	1.85E-06	2.21E-04	1.02E-04	1.93E-03	2.42E-04	6.77E-05	2.34E-03	9.67E-05	0.00E+00	3.23E-06	1.85E-06	1.02E-04
1599	495561.06, 3858701.99	0.05021	0.06052	0.03765	0.02128	2.14E-04	0.00E+00	3.20E-06	1.83E-06	2.19E-04	1.01E-04	1.91E-03	2.40E-04	6.72E-05	2.31E-03	9.59E-05	0.00E+00	3.20E-06	1.83E-06	1.01E-04
1600	495611.06, 3858701.99	0.04977	0.05988	0.03732	0.02113	2.12E-04	0.00E+00	3.17E-06	1.82E-06	2.17E-04	1.00E-04	1.89E-03	2.38E-04	6.67E-05	2.29E-03	9.51E-05	0.00E+00	3.17E-06	1.82E-06	1.00E-04
1601	495661.06, 3858701.99	0.04953	0.05943	0.03709	0.021	2.11E-04	0.00E+00	3.15E-06	1.81E-06	2.16E-04	9.95E-05	1.87E-03	2.37E-04	6.63E-05	2.27E-03	9.46E-05	0.00E+00	3.15E-06	1.81E-06	9.96E-05
1602	494311.06, 3858751.99	0.05775	0.07667	0.04581	0.02531	2.46E-04	0.00E+00	3.90E-06	2.18E-06	2.52E-04	1.16E-04	2.42E-03	2.92E-04	7.99E-05	2.90E-03	1.10E-04	0.00E+00	3.90E-06	2.18E-06	1.16E-04
1603	494361.06, 3858751.99	0.06298	0.08159	0.04974	0.02603	2.68E-04	0.00E+00	4.23E-06	2.24E-06	2.75E-04	1.26E-04	2.57E-03	3.17E-04	8.22E-05	3.10E-03	1.20E-04	0.00E+00	4.23E-06	2.24E-06	1.27E-04
1604	494411.06, 3858751.99	0.06489	0.08324	0.05124	0.02624	2.76E-04	0.00E+00	4.36E-06	2.26E-06	2.83E-04	1.30E-04	2.62E-03	3.27E-04	8.28E-05	3.16E-03	1.24E-04	0.00E+00	4.36E-06	2.26E-06	1.31E-04
1605	494461.06, 3858751.99	0.06496	0.08293	0.05115	0.02612	2.77E-04	0.00E+00	4.35E-06	2.25E-06	2.83E-04	1.30E-04	2.61E-03	3.26E-04	8.25E-05	3.15E-03	1.24E-04	0.00E+00	4.35E-06	2.25E-06	1.31E-04
1606	494511.06, 3858751.99	0.06495	0.08285	0.0496	0.02582	2.77E-04	0.00E+00	4.22E-06	2.22E-06	2.83E-04	1.30E-04	2.61E-03	3.16E-04	8.15E-05	3.14E-03	1.24E-04	0.00E+00	4.22E-06	2.22E-06	1.30E-04
1607	494561.06, 3858751.99	0.0644	0.08157	0.04941	0.02566	2.74E-04	0.00E+00	4.20E-06	2.21E-06	2.81E-04	1.29E-04	2.57E-03	3.15E-04	8.10E-05	3.09E-03	1.23E-04	0.00E+00	4.20E-06	2.21E-06	1.29E-04
1608	494611.06, 3858751.99	0.06334	0.08014	0.04841	0.02534	2.70E-04	0.00E+00	4.12E-06	2.18E-06	2.76E-04	1.27E-04	2.52E-03	3.09E-04	8.00E-05	3.04E-03	1.21E-04	0.00E+00	4.12E-06	2.18E-06	1.27E-04
1609	494661.06, 3858751.99	0.063	0.07935	0.04831	0.0252	2.68E-04	0.00E+00	4.11E-06	2.17E-06	2.75E-04	1.27E-04	2.50E-03	3.08E-04	7.96E-05	3.01E-03	1.20E-04	0.00E+00	4.11E-06	2.17E-06	1.27E-04
1610	494711.06, 3858751.99	0.06151	0.07744	0.04702	0.02484	2.62E-04	0.00E+00	4.00E-06	2.14E-06	2.68E-04	1.24E-04	2.44E-03	3.00E-04	7.84E-05	2.94E-03	1.17E-04	0.00E+00	4.00E-06	2.14E-06	1.24E-04
1611	494761.06, 3858751.99	0.06089	0.07672	0.04605	0.02456	2.59E-04	0.00E+00	3.92E-06	2.11E-06	2.65E-04	1.22E-04	2.42E-03	2.94E-04	7.75E-05	2.91E-03	1.16E-04	0.00E+00	3.92E-06	2.11E-06	1.22E-04
1612	494811.06, 3858751.99	0.05959	0.07504	0.04507	0.02424	2.54E-04	0.00E+00	3.83E-06	2.09E-06	2.60E-04	1.20E-04	2.36E-03	2.87E-04	7.65E-05	2.85E-03	1.14E-04	0.00E+00	3.83E-06	2.09E-06	1.20E-04
1613	494861.06, 3858751.99	0.05846	0.07353	0.04423	0.02395	2.49E-04	0.00E+00	3.76E-06	2.06E-06	2.55E-04	1.17E-04	2.32E-03	2.82E-04	7.56E-05	2.79E-03	1.12E-04	0.00E+00	3.76E-06	2.06E-06	1.17E-04
1614	494911.06, 3858751.99	0.05719	0.07194	0.04336	0.02365	2.44E-04	0.00E+00	3.69E-06	2.04E-06	2.49E-04	1.15E-04	2.27E-03	2.77E-04	7.47E-05	2.73E-03	1.09E-04	0.00E+00	3.69E-06	2.04E-06	1.15E-04
1615	494961.06, 3858751.99	0.05631	0.07075	0.04274	0.02338	2.40E-04	0.00E+00	3.63E-06	2.01E-06	2.45E-04	1.13E-04	2.23E-03	2.73E-04	7.38E-05	2.69E-03	1.08E-04	0.00E+00	3.63E-06	2.01E-06	1.13E-04
1616	495011.06, 3858751.99	0.05574	0.06987	0.0423	0.02318	2.37E-04	0.00E+00	3.60E-06	2.00E-06	2.43E-04	1.12E-04	2.20E-03	2.70E-04	7.32E-05	2.66E-03	1.06E-04	0.00E+00	3.60E-06	2.00E-06	1.12E-04
1617	495061.06, 3858751.99	0.05481	0.06867	0.04152	0.02294	2.33E-04	0.00E+00	3.53E-06	1.98E-06	2.39E-04	1.10E-04	2.16E-03	2.65E-04	7.24E-05	2.61E-03	1.05E-04	0.00E+00	3.53E-06	1.98E-06	1.10E-04
1618	495111.06, 3858751.99	0.05371	0.06728	0.04066	0.02266	2.29E-04	0.00E+00	3.46E-06	1.95E-06	2.34E-04	1.08E-04	2.12E-03	2.59E-04	7.15E-05	2.56E-03	1.03E-04	0.00E+00	3.46E-06	1.95E-06	1.08E-04
1619	495161.06, 3858751.99	0.05311	0.06641	0.04011	0.02247	2.26E-04	0.00E+00	3.41E-06	1.93E-06	2.32E-04	1.07E-04	2.09E-03	2.56E-04	7.09E-05	2.53E-03	1.01E-04	0.00E+00	3.41E-06	1.93E-06	1.07E-04
1620	495211.06, 3858751.99	0.05232	0.06537	0.03932	0.02226	2.23E-04	0.00E+00	3.34E-06	1.92E-06	2.28E-04	1.05E-04	2.06E-03	2.51E-04	7.03E-05	2.49E-03	9.99E-05	0.00E+00	3.34E-06	1.92E-06	1.05E-04
1621	495261.06, 3858751.99	0.05215	0.06492	0.03911	0.02213	2.22E-04	0.00E+00	3.33E-06	1.91E-06	2.27E-04	1.05E-04	2.04E-03	2.49E-04	6.99E-05	2.47E-03	9.96E-05	0.00E+00	3.33E-06	1.91E-06	1.05E-04
1622	495311.06, 3858751.99	0.05204	0.06454	0.03893	0.022	2.22E-04	0.00E+00	3.31E-06	1.89E-06	2.27E-04	1.05E-04	2.03E-03	2.48E-04	6.95E-05	2.46E-03	9.94E-05	0.00E+00	3.31E-06	1.89E-06	1.05E-04
1623	495361.06, 3858751.99	0.05179	0.06403	0.03867	0.02187	2.21E-04	0.00E+00	3.29E-06	1.88E-06	2.26E-04	1.04E-04	2.02E-03	2.47E-04	6.91E-05	2.44E-03	9.89E-05	0.00E+00	3.29E-06	1.88E-06	1.04E-04
1624	495411.06, 3858751.99	0.05187	0.06383	0.03859	0.02178	2.21E-04	0.00E+00	3.28E-06	1.88E-06	2.26E-04	1.04E-04	2.01E-03	2.46E-04	6.88E-05	2.43E-03	9.91E-05	0.00E+00	3.28E-06	1.88E-06	1.04E-04
1625	495461.06, 3858751.99	0.05168	0.06339	0.03837	0.02165	2.20E-04	0.00E+00	3.26E-06	1.86E-06	2.25E-04	1.04E-04	2.00E-03	2.45E-04	6.84E-05	2.41E-03	9.87E-05	0.00E+00	3.26E-06	1.86E-06	1.04E-04
1626	495511.06, 3858751.99	0.05134	0.0628	0.03807	0.0215	2.19E-04	0.00E+00	3.24E-06	1.85E-06	2.24E-04	1.03E-04	1.98E-03	2.43E-04	6.79E-05	2.39E-03	9.81E-05	0.00E+00	3.24E-06	1.85E-06	1.03E-04
1627	495561.06, 3858751.99	0.05093	0.06216	0.03775	0.02135	2.17E-04	0.00E+00	3.21E-06	1.84E-06	2.22E-04	1.02E-04	1.96E-03	2.41E-04	6.74E-05	2.37E-03	9.73E-05	0.00E+00	3.21E-06	1.84E-06	1.02E-04
1628	495611.06, 3858751.99	0.05052	0.06151	0.03744	0.02119	2.15E-04	0.00E+00	3.18E-06	1.82E-06	2.20E-04	1.01E-04	1.94E-03	2.39E-04	6.69E-05	2.34E-03	9.65E-05	0.00E+00	3.18E-06	1.82E-06	1.01E-04
1629	495661.06, 3858751.99	0.0502	0.06097	0.03717	0.02105	2.14E-04	0.00E+00	3.16E-06	1.81E-06	2.19E-04	1.01E-04	1.92E-03	2.37E-04	6.65E-05	2.32E-03	9.59E-05	0.00E+00	3.16E-06	1.81E-06	1.01E-04
1630	494311.06, 3858801.99	0.05967	0.08021	0.04661	0.02573	2.54E-04	0.00E+00	3.96E-06	2.22E-06	2.60E-04	1.20E-04	2.53E-03	2.97E-04	8.12E-05	3.03E-03	1.14E-04	0.00E+00	3.96E-06	2.22E-06	1.20E-04
1631	494361.06, 3858801.99	0.06391	0.08436	0.05024	0.02636	2.72E-04	0.00E+00	4.27E-06	2.27E-06	2.79E-04	1.28E-04	2.66E-03	3.20E-04	8.32E-05	3.19E-03	1.22E-04	0.00E+00	4.27E-06	2.27E-06	1.29E-04
1632	494411.06, 3858801.99	0.06494	0.08512	0.05101	0.02644	2.77E-04	0.00E+00	4.34E-06	2.28E-06	2.83E-04	1.30E-04	2.68E-03	3.25E-04	8.35E-05	3.22E-03	1.24E-04	0.00E+00	4.34E-06	2.28E-06	1.31E-04
1633	494461.06, 3858801.99	0.06545	0.08533	0.05088	0.02634	2.79E-04	0.00E+00	4.33E-06	2.27E-06	2.85E-04	1.31E-04	2.69E-03	3.25E-04	8.32E-05	3.23E-03	1.25E-04	0.00E+00	4.33E-06	2.27E-06	1.32E-04
1634	494511.06, 3858801.99	0.06553	0.08537	0.04963	0.02606	2.79E-04	0.00E+00	4.22E-06	2.24E-06	2.86E-04	1.32E-04	2.69E-03	3.17E-04	8.23E-05	3.22E-03	1.25E-04	0.00E+00	4.22E-06	2.24E-06	1.32E-04
1635	494561.06, 3858801.99	0.06531	0.08473	0.04934	0.02589	2.78E-04	0.00E+00	4.20E-06	2.23E-06	2.85E-04	1.31E-04	2.67E-03	3.15E-04	8.17E-05	3.20E-03	1.25E-04	0.00E+00	4.20E-06	2.23E-06	1.31E-04
1636	494611.06, 3858801.99	0.06478	0.08373	0.04883	0.02567	2.76E-04	0.00E+00	4.15E-06	2.21E-06	2.82E-04	1.30E-04	2.64E-03	3.11E-04	8.10E-05	3.16E-03	1.24E-04	0.00E+00	4.15E-06	2.21E-06	1.30E-04
1637	494661.06, 3858801.99	0.06379	0.08219	0.04801	0.02536	2.72E-04	0.00E+00	4.08E-06	2.18E-06	2.78E-04	1.28E-04	2.59E-03	3.06E-04	8.01E-05	3.10E-03	1.22E-04	0.00E+00	4.08E-06	2.18E-06	1.28E-04
1638	494711.06, 3858801.99	0.06258	0.08046	0.04704	0.02502	2.67E-04	0.00E+00	4.00E-06	2.15E-06	2.73E-04	1.26E-04	2.53E-03	3.00E-04	7.90E-05	3.04E-03	1.20E-04	0.00E+00	4.00E-06	2.15E-06	1.26E-04
1639	494761.06, 3858801.99	0.06114	0.07851	0.04591	0.02466	2.60E-04	0.00E+00	3.90E-06	2.12E-06	2.66E-04	1.23E-04	2.47E-03	2.93E-04	7.79E-05	2.97E-03	1.17E-04	0.00E+00	3.90E-06	2.12E-06	1.23E-04
1640	494811.06, 3858801.99	0.05963	0.07654	0.04477	0.02431	2.54E-04	0.00E+00	3.81E-06	2.09E-06	2.60E-04	1.20E-04	2.41E-03	2.86E-04	7.68E-05	2.89E-03	1.14E-04	0.00E+00	3.81E-06	2.09E-06	1.20E-04
1641	494861.06, 3858801.99	0.05889	0.07539	0.04416	0.02407	2.51E-04	0.00E+00	3.76E-06	2.07E-06	2.57E-04	1.18E-04	2.37E-03	2.82E-04	7.60E-05	2.85E-03	1.12E-04	0.00E+00	3.76E-06	2.07E-06	1.18E-04
1642	494911.06, 3858801.99	0.05769	0.07381	0.04328	0.02376	2.46E-04	0.00E+00	3.68E-06	2.05E-06	2.51E-04	1.16E-04	2.33E-03	2.76E-04	7.50E-05	2.79E-03	1.10E-04	0.00E+00	3.68E-06	2.05E-06	1.16E-04
1643	494961.06, 3858801.99	0.05684	0.07256	0.04263	0.02351	2.42E-04	0.00E+00	3.63E-06	2.02E-06	2.48E-04	1.14E-04	2.29E-03	2.72E-04	7.42E-05	2.75E-03	1.09E-04	0.00E+00	3.63E-06	2.02E-06	1.14E-04
1644	495011.06, 3858801.99	0.05592	0.0713	0.04198	0.02325	2.38E-04	0.00E+00	3.57E-06	2.00E-06	2.44E-04	1.12E-04	2.25E-03	2.68E-04	7.34E-05	2.70E-03	1.07E-04	0.00E+00	3.57E-06	2.00E-06	1.12E-04
1645	495061.06, 3858801.99	0.05537	0.07043	0.04155	0.02304	2.36E-04	0.00E+00	3.53E-06	1.98E-06	2.41E-04	1.11E-04	2.22E-03	2.65E-04	7.27E-05	2.67E-03	1.06E-04	0.00E+00	3.53E-06	1.98E-06	1.11E-04
1646	495111.06, 3858801.99	0.05415	0.06888	0.0407	0.02273	2.31E-04	0.00E+00	3.46E-06	1.96E-06	2.36E-04	1.09E-04	2.17E-03	2.60E-04	7.18E-05	2.61E-03	1.03E-04	0.00E+00	3.46E-06	1.96E-06	1.09E-04
1647	495161.06, 3858801.99	0.05328	0.06772	0.04	0.02249	2.27E-04	0.00E+00	3.40E-06	1.94E-06	2.32E-04	1.07E-04	2.13E-03	2.55E-04	7.10E-05	2.57E-03	1.02E-04	0.00E+00	3.40E-06	1.94E-06	1.07E-04
1648	495211.06, 3858801.99	0.05287	0.06701	0.03961	0.02231	2.25E-04	0.00E+00	3.37E-06	1.92E-06	2.30E-04	1.06E-04	2.11E-03	2.53E-04	7.04E-05	2.54E-03	1.01E-04	0.00E+00	3.37E-06	1.92E-06	1.06E-04

1649	495261.06, 3858801.99	0.05273	0.06654	0.03942	0.02218	2.25E-04	0.00E+00	3.35E-06	1.91E-06	2.30E-04	1.06E-04	2.10E-03	2.51E-04	7.00E-05	2.52E-03	1.01E-04	0.00E+00	3.35E-06	1.91E-06	1.06E-04
1650	495311.06, 3858801.99	0.05268	0.06623	0.03927	0.02207	2.24E-04	0.00E+00	3.34E-06	1.90E-06	2.30E-04	1.06E-04	2.09E-03	2.50E-04	6.97E-05	2.51E-03	1.01E-04	0.00E+00	3.34E-06	1.90E-06	1.06E-04
1651	495361.06, 3858801.99	0.05247	0.06571	0.03905	0.02193	2.23E-04	0.00E+00	3.32E-06	1.89E-06	2.29E-04	1.05E-04	2.07E-03	2.49E-04	6.92E-05	2.49E-03	1.00E-04	0.00E+00	3.32E-06	1.89E-06	1.05E-04
1652	495411.06, 3858801.99	0.0527	0.06567	0.03907	0.02186	2.24E-04	0.00E+00	3.32E-06	1.88E-06	2.30E-04	1.06E-04	2.07E-03	2.49E-04	6.90E-05	2.49E-03	1.01E-04	0.00E+00	3.32E-06	1.88E-06	1.06E-04
1653	495461.06, 3858801.99	0.05244	0.06514	0.03879	0.02172	2.23E-04	0.00E+00	3.30E-06	1.87E-06	2.28E-04	1.05E-04	2.05E-03	2.47E-04	6.86E-05	2.47E-03	1.00E-04	0.00E+00	3.30E-06	1.87E-06	1.05E-04
1654	495511.06, 3858801.99	0.05202	0.06444	0.03847	0.02155	2.22E-04	0.00E+00	3.27E-06	1.86E-06	2.27E-04	1.04E-04	2.03E-03	2.45E-04	6.80E-05	2.45E-03	9.94E-05	0.00E+00	3.27E-06	1.86E-06	1.04E-04
1655	495561.06, 3858801.99	0.05169	0.06385	0.0382	0.0214	2.20E-04	0.00E+00	3.25E-06	1.84E-06	2.25E-04	1.04E-04	2.01E-03	2.44E-04	6.76E-05	2.43E-03	9.87E-05	0.00E+00	3.25E-06	1.84E-06	1.04E-04
1656	495611.06, 3858801.99	0.05115	0.06306	0.0377	0.02123	2.18E-04	0.00E+00	3.21E-06	1.83E-06	2.23E-04	1.03E-04	1.99E-03	2.40E-04	6.70E-05	2.40E-03	9.77E-05	0.00E+00	3.21E-06	1.83E-06	1.03E-04
1657	495661.06, 3858801.99	0.05093	0.0626	0.03745	0.0211	2.17E-04	0.00E+00	3.19E-06	1.82E-06	2.22E-04	1.02E-04	1.97E-03	2.39E-04	6.66E-05	2.38E-03	9.73E-05	0.00E+00	3.19E-06	1.82E-06	1.02E-04
1658	494311.06, 3858851.99	0.06373	0.08638	0.04934	0.02661	2.71E-04	0.00E+00	4.20E-06	2.29E-06	2.78E-04	1.28E-04	2.72E-03	3.15E-04	8.40E-05	3.25E-03	1.22E-04	0.00E+00	4.20E-06	2.29E-06	1.28E-04
1659	494361.06, 3858851.99	0.06604	0.08877	0.05152	0.02696	2.81E-04	0.00E+00	4.38E-06	2.32E-06	2.88E-04	1.33E-04	2.80E-03	3.29E-04	8.51E-05	3.34E-03	1.26E-04	0.00E+00	4.38E-06	2.32E-06	1.33E-04
1660	494411.06, 3858851.99	0.06592	0.08822	0.05134	0.02679	2.81E-04	0.00E+00	4.37E-06	2.31E-06	2.87E-04	1.32E-04	2.78E-03	3.27E-04	8.46E-05	3.32E-03	1.26E-04	0.00E+00	4.37E-06	2.31E-06	1.33E-04
1661	494461.06, 3858851.99	0.06611	0.08806	0.05091	0.02662	2.82E-04	0.00E+00	4.33E-06	2.29E-06	2.88E-04	1.33E-04	2.77E-03	3.25E-04	8.40E-05	3.32E-03	1.26E-04	0.00E+00	4.33E-06	2.29E-06	1.33E-04
1662	494511.06, 3858851.99	0.06591	0.08775	0.04928	0.02624	2.81E-04	0.00E+00	4.19E-06	2.26E-06	2.87E-04	1.32E-04	2.76E-03	3.14E-04	8.28E-05	3.29E-03	1.26E-04	0.00E+00	4.19E-06	2.26E-06	1.32E-04
1663	494561.06, 3858851.99	0.06557	0.08694	0.04896	0.02605	2.79E-04	0.00E+00	4.16E-06	2.24E-06	2.86E-04	1.32E-04	2.74E-03	3.12E-04	8.22E-05	3.26E-03	1.25E-04	0.00E+00	4.16E-06	2.24E-06	1.32E-04
1664	494611.06, 3858851.99	0.06488	0.08568	0.04839	0.02579	2.76E-04	0.00E+00	4.12E-06	2.22E-06	2.83E-04	1.30E-04	2.70E-03	3.09E-04	8.14E-05	3.22E-03	1.24E-04	0.00E+00	4.12E-06	2.22E-06	1.30E-04
1665	494661.06, 3858851.99	0.06396	0.08417	0.04767	0.0255	2.72E-04	0.00E+00	4.05E-06	2.20E-06	2.79E-04	1.28E-04	2.65E-03	3.04E-04	8.05E-05	3.16E-03	1.22E-04	0.00E+00	4.05E-06	2.20E-06	1.28E-04
1666	494711.06, 3858851.99	0.06255	0.08209	0.0466	0.02512	2.66E-04	0.00E+00	3.96E-06	2.16E-06	2.73E-04	1.26E-04	2.59E-03	2.97E-04	7.93E-05	3.09E-03	1.19E-04	0.00E+00	3.96E-06	2.16E-06	1.26E-04
1667	494761.06, 3858851.99	0.06119	0.08014	0.04556	0.02474	2.61E-04	0.00E+00	3.87E-06	2.13E-06	2.67E-04	1.23E-04	2.52E-03	2.91E-04	7.81E-05	3.02E-03	1.17E-04	0.00E+00	3.87E-06	2.13E-06	1.23E-04
1668	494811.06, 3858851.99	0.06007	0.07851	0.04469	0.02442	2.56E-04	0.00E+00	3.80E-06	2.10E-06	2.62E-04	1.21E-04	2.47E-03	2.85E-04	7.71E-05	2.96E-03	1.15E-04	0.00E+00	3.80E-06	2.10E-06	1.21E-04
1669	494861.06, 3858851.99	0.05938	0.07738	0.04411	0.02418	2.53E-04	0.00E+00	3.75E-06	2.08E-06	2.59E-04	1.19E-04	2.44E-03	2.81E-04	7.63E-05	2.91E-03	1.13E-04	0.00E+00	3.75E-06	2.08E-06	1.19E-04
1670	494911.06, 3858851.99	0.05834	0.07587	0.04331	0.0239	2.48E-04	0.00E+00	3.68E-06	2.06E-06	2.54E-04	1.17E-04	2.39E-03	2.76E-04	7.55E-05	2.86E-03	1.11E-04	0.00E+00	3.68E-06	2.06E-06	1.17E-04
1671	494961.06, 3858851.99	0.05744	0.07455	0.04262	0.02363	2.45E-04	0.00E+00	3.62E-06	2.03E-06	2.50E-04	1.15E-04	2.35E-03	2.72E-04	7.46E-05	2.81E-03	1.10E-04	0.00E+00	3.62E-06	2.03E-06	1.15E-04
1672	495011.06, 3858851.99	0.05673	0.07345	0.04207	0.02339	2.42E-04	0.00E+00	3.58E-06	2.01E-06	2.47E-04	1.14E-04	2.31E-03	2.68E-04	7.39E-05	2.77E-03	1.08E-04	0.00E+00	3.58E-06	2.01E-06	1.14E-04
1673	495061.06, 3858851.99	0.05586	0.0722	0.04143	0.02314	2.38E-04	0.00E+00	3.52E-06	1.99E-06	2.43E-04	1.12E-04	2.27E-03	2.64E-04	7.31E-05	2.72E-03	1.07E-04	0.00E+00	3.52E-06	1.99E-06	1.12E-04
1674	495111.06, 3858851.99	0.0542	0.07012	0.04036	0.02275	2.31E-04	0.00E+00	3.43E-06	1.96E-06	2.36E-04	1.09E-04	2.21E-03	2.57E-04	7.18E-05	2.65E-03	1.04E-04	0.00E+00	3.43E-06	1.96E-06	1.09E-04
1675	495161.06, 3858851.99	0.05337	0.06895	0.03981	0.0225	2.27E-04	0.00E+00	3.39E-06	1.94E-06	2.33E-04	1.07E-04	2.17E-03	2.54E-04	7.10E-05	2.60E-03	1.02E-04	0.00E+00	3.39E-06	1.94E-06	1.07E-04
1676	495211.06, 3858851.99	0.05351	0.06876	0.03978	0.02241	2.28E-04	0.00E+00	3.38E-06	1.93E-06	2.33E-04	1.07E-04	2.17E-03	2.54E-04	7.08E-05	2.60E-03	1.02E-04	0.00E+00	3.38E-06	1.93E-06	1.08E-04
1677	495261.06, 3858851.99	0.05336	0.06829	0.03959	0.02227	2.27E-04	0.00E+00	3.37E-06	1.92E-06	2.33E-04	1.07E-04	2.15E-03	2.53E-04	7.03E-05	2.58E-03	1.02E-04	0.00E+00	3.37E-06	1.92E-06	1.07E-04
1678	495311.06, 3858851.99	0.05339	0.06801	0.0395	0.02217	2.27E-04	0.00E+00	3.36E-06	1.91E-06	2.33E-04	1.07E-04	2.14E-03	2.52E-04	7.00E-05	2.57E-03	1.02E-04	0.00E+00	3.36E-06	1.91E-06	1.07E-04
1679	495361.06, 3858851.99	0.05328	0.06759	0.03934	0.02204	2.27E-04	0.00E+00	3.35E-06	1.90E-06	2.32E-04	1.07E-04	2.13E-03	2.51E-04	6.96E-05	2.56E-03	1.02E-04	0.00E+00	3.35E-06	1.90E-06	1.07E-04
1680	495411.06, 3858851.99	0.05317	0.06719	0.03917	0.02192	2.26E-04	0.00E+00	3.33E-06	1.89E-06	2.32E-04	1.07E-04	2.12E-03	2.50E-04	6.92E-05	2.54E-03	1.02E-04	0.00E+00	3.33E-06	1.89E-06	1.07E-04
1681	495461.06, 3858851.99	0.05312	0.06684	0.03904	0.0218	2.26E-04	0.00E+00	3.32E-06	1.88E-06	2.31E-04	1.07E-04	2.11E-03	2.49E-04	6.88E-05	2.53E-03	1.01E-04	0.00E+00	3.32E-06	1.88E-06	1.07E-04
1682	495511.06, 3858851.99	0.05297	0.06621	0.03907	0.02173	2.26E-04	0.00E+00	3.32E-06	1.87E-06	2.31E-04	1.06E-04	2.09E-03	2.49E-04	6.86E-05	2.51E-03	1.01E-04	0.00E+00	3.32E-06	1.87E-06	1.06E-04
1683	495561.06, 3858851.99	0.05211	0.06526	0.03823	0.02144	2.22E-04	0.00E+00	3.25E-06	1.85E-06	2.27E-04	1.05E-04	2.06E-03	2.44E-04	6.77E-05	2.47E-03	9.95E-05	0.00E+00	3.25E-06	1.85E-06	1.05E-04
1684	495611.06, 3858851.99	0.05152	0.06441	0.03778	0.02125	2.19E-04	0.00E+00	3.21E-06	1.83E-06	2.24E-04	1.03E-04	2.03E-03	2.41E-04	6.71E-05	2.44E-03	9.84E-05	0.00E+00	3.21E-06	1.83E-06	1.03E-04
1685	495661.06, 3858851.99	0.05145	0.06406	0.03764	0.02113	2.19E-04	0.00E+00	3.20E-06	1.82E-06	2.24E-04	1.03E-04	2.02E-03	2.40E-04	6.67E-05	2.43E-03	9.83E-05	0.00E+00	3.20E-06	1.82E-06	1.03E-04
1686	494311.06, 3858901.99	0.065	0.08981	0.04943	0.02699	2.77E-04	0.00E+00	4.20E-06	2.32E-06	2.83E-04	1.31E-04	2.83E-03	3.15E-04	8.52E-05	3.36E-03	1.24E-04	0.00E+00	4.20E-06	2.32E-06	1.31E-04
1687	494361.06, 3858901.99	0.06663	0.0916	0.0507	0.02721	2.84E-04	0.00E+00	4.31E-06	2.34E-06	2.90E-04	1.34E-04	2.89E-03	3.23E-04	8.59E-05	3.43E-03	1.27E-04	0.00E+00	4.31E-06	2.34E-06	1.34E-04
1688	494411.06, 3858901.99	0.06678	0.09142	0.05075	0.0271	2.84E-04	0.00E+00	4.32E-06	2.33E-06	2.91E-04	1.34E-04	2.88E-03	3.24E-04	8.56E-05	3.42E-03	1.28E-04	0.00E+00	4.32E-06	2.33E-06	1.34E-04
1689	494461.06, 3858901.99	0.06679	0.0914	0.04904	0.02668	2.84E-04	0.00E+00	4.17E-06	2.30E-06	2.91E-04	1.34E-04	2.88E-03	3.13E-04	8.42E-05	3.41E-03	1.28E-04	0.00E+00	4.17E-06	2.30E-06	1.34E-04
1690	494511.06, 3858901.99	0.06674	0.09095	0.04894	0.02652	2.84E-04	0.00E+00	4.16E-06	2.28E-06	2.91E-04	1.34E-04	2.86E-03	3.12E-04	8.37E-05	3.39E-03	1.27E-04	0.00E+00	4.16E-06	2.28E-06	1.34E-04
1691	494561.06, 3858901.99	0.06605	0.08955	0.04846	0.02625	2.81E-04	0.00E+00	4.12E-06	2.26E-06	2.88E-04	1.33E-04	2.82E-03	3.09E-04	8.29E-05	3.35E-03	1.26E-04	0.00E+00	4.12E-06	2.26E-06	1.33E-04
1692	494611.06, 3858901.99	0.06474	0.08739	0.04758	0.02586	2.76E-04	0.00E+00	4.05E-06	2.23E-06	2.82E-04	1.30E-04	2.75E-03	3.03E-04	8.16E-05	3.27E-03	1.24E-04	0.00E+00	4.05E-06	2.23E-06	1.30E-04
1693	494661.06, 3858901.99	0.06406	0.08612	0.04707	0.0256	2.73E-04	0.00E+00	4.00E-06	2.20E-06	2.79E-04	1.29E-04	2.71E-03	3.00E-04	8.08E-05	3.22E-03	1.22E-04	0.00E+00	4.00E-06	2.20E-06	1.29E-04
1694	494711.06, 3858901.99	0.06283	0.08416	0.04619	0.02524	2.68E-04	0.00E+00	3.93E-06	2.17E-06	2.74E-04	1.26E-04	2.65E-03	2.95E-04	7.97E-05	3.15E-03	1.20E-04	0.00E+00	3.93E-06	2.17E-06	1.26E-04
1695	494761.06, 3858901.99	0.06134	0.08192	0.04512	0.02484	2.61E-04	0.00E+00	3.84E-06	2.14E-06	2.67E-04	1.23E-04	2.58E-03	2.88E-04	7.84E-05	3.07E-03	1.17E-04	0.00E+00	3.84E-06	2.14E-06	1.23E-04
1696	494811.06, 3858901.99	0.0605	0.08054	0.04447	0.02455	2.58E-04	0.00E+00	3.78E-06	2.11E-06	2.64E-04	1.22E-04	2.54E-03	2.84E-04	7.75E-05	3.02E-03	1.16E-04	0.00E+00	3.78E-06	2.11E-06	1.21E-04
1697	494861.06, 3858901.99	0.05989	0.07945	0.04398	0.02431	2.55E-04	0.00E+00	3.74E-06	2.09E-06	2.61E-04	1.20E-04	2.50E-03	2.81E-04	7.68E-05	2.98E-03	1.14E-04	0.00E+00	3.74E-06	2.09E-06	1.20E-04
1698	494911.06, 3858901.99	0.0584	0.07736	0.0429	0.02393	2.49E-04	0.00E+00	3.65E-06	2.06E-06	2.54E-04	1.17E-04	2.44E-03	2.74E-04	7.56E-05	2.90E-03	1.12E-04	0.00E+00	3.65E-06	2.06E-06	1.17E-04
1699	494961.06, 3858901.99	0.05764	0.07615	0.04231	0.02368	2.45E-04	0.00E+00	3.60E-06	2.04E-06	2.51E-04	1.16E-04	2.40E-03	2.70E-04	7.48E-05	2.86E-03	1.10E-04	0.00E+00	3.60E-06	2.04E-06	1.16E-04
1700	495011.06, 3858901.99	0.05689	0.07494	0.04173	0.02344	2.42E-04	0.00E+00	3.55E-06	2.02E-06	2.48E-04	1.14E-04	2.36E-03	2.66E-04	7.40E-05	2.82E-03	1.09E-04	0.00E+00	3.55E-06	2.02E-06	1.14E-04
1701	495061.06, 3858901.99	0.05575	0.07334	0.04092	0.02312	2.37E-04	0.00E+00	3.48E-06	1.99E-06	2.43E-04	1.12E-04	2.31E-03	2.61E-04	7.30E-05	2.76E-03	1.06E-04	0.00E+00	3.48E-06	1.99E-06	1.12E-04
1702	495111.06, 3858901.99	0.05409	0.07119	0.03982	0.02274	2.30E-04	0.00E+00	3.39E-06	1.96E-06	2.36E-04	1.09E-04	2.24E-03	2.54E-04	7.18E-05	2.68E-03	1.03E-04	0.00E+00	3.39E-06	1.96E-06	1.09E-04
1703	495161.06, 3858901.99	0.05366	0.0704	0.03948	0.02254	2.29E-04	0.00E+00	3.36E-06	1.94E-06	2.34E-04	1.08E-04	2.22E-03	2.52E-04	7.12E-05	2.65E-03	1.02E-04	0.00E+00	3.36E-06	1.94E-06	1.08E-04
1704	495211.06, 3858901.99	0.05409	0.07051	0.03965	0.0225	2.30E-04	0.00E+00	3.37E-06	1.94E-06	2.36E-04	1.09E-04	2.22E-03	2.53E-04	7.10E-05	2.65E-03	1.03E-04	0.00E+00	3.37E-06	1.94E-06	1.09E-04
1705	495261.06, 3858901.99	0.05407	0.07015	0.03954	0.02238	2.30E-04	0.00E+00	3.36E-06	1.93E-06	2.36E-04	1.09E-04	2.21E-03	2.52E-04	7.07E-05	2.64E-03	1.03E-04	0.00E+00	3.36E-06	1.93E-06	1.09E-04
1706	495311.06, 3858901.99	0.0539	0.06965	0.03936	0.02224	2.30E-04	0.00E+00	3.35E-06	1.92E-06	2.35E-04	1.08E-04	2.19E-03	2.51E-04	7.02E-05	2.62E-03	1.03E-04	0.00E+00	3.35E-06	1.92E-06	1.08E-04
1707	495361.06, 3858901.99	0.05377	0.0692	0.0392	0.02211	2.29E-04	0.00E+00	3.33E-06	1.90E-06	2.34E-04	1.08E-04	2.18E-03	2.50E-04	6.98E-05	2.61E-03	1.03E-04	0.00E+00	3.33E-06	1.90E-06	1.08E-04

1708	495411.06, 3858901.99	0.05388	0.069	0.03918	0.02202	2.29E-04	0.00E+00	3.33E-06	1.90E-06	2.35E-04	1.08E-04	2.17E-03	2.50E-04	6.95E-05	2.60E-03	1.03E-04	0.00E+00	3.33E-06	1.90E-06	1.08E-04
1709	495461.06, 3858901.99	0.0536	0.0684	0.03893	0.02187	2.28E-04	0.00E+00	3.31E-06	1.88E-06	2.33E-04	1.08E-04	2.15E-03	2.48E-04	6.91E-05	2.58E-03	1.02E-04	0.00E+00	3.31E-06	1.88E-06	1.08E-04
1710	495511.06, 3858901.99	0.0531	0.06758	0.03855	0.02167	2.26E-04	0.00E+00	3.28E-06	1.87E-06	2.31E-04	1.07E-04	2.13E-03	2.46E-04	6.84E-05	2.55E-03	1.01E-04	0.00E+00	3.28E-06	1.87E-06	1.07E-04
1711	495561.06, 3858901.99	0.05271	0.06688	0.03824	0.02151	2.24E-04	0.00E+00	3.25E-06	1.85E-06	2.30E-04	1.06E-04	2.11E-03	2.44E-04	6.79E-05	2.52E-03	1.01E-04	0.00E+00	3.25E-06	1.85E-06	1.06E-04
1712	495611.06, 3858901.99	0.05213	0.066	0.03784	0.02131	2.22E-04	0.00E+00	3.22E-06	1.84E-06	2.27E-04	1.05E-04	2.08E-03	2.41E-04	6.73E-05	2.49E-03	9.96E-05	0.00E+00	3.22E-06	1.84E-06	1.05E-04
1713	495661.06, 3858901.99	0.05213	0.06572	0.03776	0.02121	2.22E-04	0.00E+00	3.21E-06	1.83E-06	2.27E-04	1.05E-04	2.07E-03	2.41E-04	6.70E-05	2.48E-03	9.96E-05	0.00E+00	3.21E-06	1.83E-06	1.05E-04
1714	494311.06, 3858951.99	0.06703	0.09466	0.04971	0.02761	2.85E-04	0.00E+00	4.23E-06	2.38E-06	2.92E-04	1.35E-04	2.98E-03	3.17E-04	8.72E-05	3.52E-03	1.28E-04	0.00E+00	4.23E-06	2.38E-06	1.35E-04
1715	494361.06, 3858951.99	0.06759	0.09515	0.05014	0.02762	2.88E-04	0.00E+00	4.26E-06	2.38E-06	2.94E-04	1.36E-04	3.00E-03	3.20E-04	8.72E-05	3.54E-03	1.29E-04	0.00E+00	4.26E-06	2.38E-06	1.36E-04
1716	494411.06, 3858951.99	0.06713	0.09406	0.04972	0.02734	2.86E-04	0.00E+00	4.23E-06	2.35E-06	2.92E-04	1.35E-04	2.96E-03	3.17E-04	8.63E-05	3.50E-03	1.28E-04	0.00E+00	4.23E-06	2.35E-06	1.35E-04
1717	494461.06, 3858951.99	0.06718	0.09413	0.04809	0.02688	2.86E-04	0.00E+00	4.09E-06	2.31E-06	2.93E-04	1.35E-04	2.97E-03	3.07E-04	8.49E-05	3.49E-03	1.28E-04	0.00E+00	4.09E-06	2.31E-06	1.35E-04
1718	494511.06, 3858951.99	0.06685	0.09326	0.04788	0.02667	2.85E-04	0.00E+00	4.07E-06	2.30E-06	2.91E-04	1.34E-04	2.94E-03	3.05E-04	8.42E-05	3.46E-03	1.28E-04	0.00E+00	4.07E-06	2.30E-06	1.34E-04
1719	494561.06, 3858951.99	0.06619	0.09188	0.04749	0.02639	2.82E-04	0.00E+00	4.04E-06	2.27E-06	2.88E-04	1.33E-04	2.89E-03	3.03E-04	8.33E-05	3.41E-03	1.26E-04	0.00E+00	4.04E-06	2.27E-06	1.33E-04
1720	494611.06, 3858951.99	0.06515	0.08996	0.04687	0.02603	2.77E-04	0.00E+00	3.99E-06	2.24E-06	2.84E-04	1.31E-04	2.83E-03	2.99E-04	8.22E-05	3.35E-03	1.24E-04	0.00E+00	3.99E-06	2.24E-06	1.31E-04
1721	494661.06, 3858951.99	0.06419	0.08815	0.04627	0.0257	2.73E-04	0.00E+00	3.94E-06	2.21E-06	2.80E-04	1.29E-04	2.78E-03	2.95E-04	8.11E-05	3.28E-03	1.23E-04	0.00E+00	3.94E-06	2.21E-06	1.29E-04
1722	494711.06, 3858951.99	0.06274	0.08579	0.04534	0.02528	2.67E-04	0.00E+00	3.86E-06	2.18E-06	2.73E-04	1.26E-04	2.70E-03	2.89E-04	7.98E-05	3.20E-03	1.20E-04	0.00E+00	3.86E-06	2.18E-06	1.26E-04
1723	494761.06, 3858951.99	0.06169	0.08403	0.04463	0.02495	2.63E-04	0.00E+00	3.80E-06	2.15E-06	2.69E-04	1.24E-04	2.65E-03	2.85E-04	7.88E-05	3.13E-03	1.18E-04	0.00E+00	3.80E-06	2.15E-06	1.24E-04
1724	494811.06, 3858951.99	0.061	0.08276	0.04413	0.02469	2.60E-04	0.00E+00	3.75E-06	2.13E-06	2.66E-04	1.23E-04	2.61E-03	2.81E-04	7.80E-05	3.09E-03	1.17E-04	0.00E+00	3.75E-06	2.13E-06	1.22E-04
1725	494861.06, 3858951.99	0.0603	0.08149	0.04362	0.02443	2.57E-04	0.00E+00	3.71E-06	2.10E-06	2.63E-04	1.21E-04	2.57E-03	2.78E-04	7.71E-05	3.04E-03	1.15E-04	0.00E+00	3.71E-06	2.10E-06	1.21E-04
1726	494911.06, 3858951.99	0.0592	0.07976	0.04285	0.02409	2.52E-04	0.00E+00	3.64E-06	2.07E-06	2.58E-04	1.19E-04	2.51E-03	2.73E-04	7.61E-05	2.98E-03	1.13E-04	0.00E+00	3.64E-06	2.07E-06	1.19E-04
1727	494961.06, 3858951.99	0.0587	0.07878	0.04246	0.02387	2.50E-04	0.00E+00	3.61E-06	2.06E-06	2.56E-04	1.18E-04	2.48E-03	2.71E-04	7.54E-05	2.95E-03	1.12E-04	0.00E+00	3.61E-06	2.06E-06	1.18E-04
1728	495011.06, 3858951.99	0.05692	0.07632	0.04123	0.02344	2.42E-04	0.00E+00	3.51E-06	2.02E-06	2.48E-04	1.14E-04	2.40E-03	2.63E-04	7.40E-05	2.86E-03	1.09E-04	0.00E+00	3.51E-06	2.02E-06	1.14E-04
1729	495061.06, 3858951.99	0.05523	0.07403	0.04007	0.02303	2.35E-04	0.00E+00	3.41E-06	1.98E-06	2.41E-04	1.11E-04	2.33E-03	2.56E-04	7.27E-05	2.77E-03	1.05E-04	0.00E+00	3.41E-06	1.98E-06	1.11E-04
1730	495111.06, 3858951.99	0.05397	0.07229	0.03922	0.0227	2.30E-04	0.00E+00	3.34E-06	1.95E-06	2.35E-04	1.08E-04	2.28E-03	2.50E-04	7.17E-05	2.71E-03	1.03E-04	0.00E+00	3.34E-06	1.95E-06	1.08E-04
1731	495161.06, 3858951.99	0.05466	0.07268	0.03959	0.02269	2.33E-04	0.00E+00	3.37E-06	1.95E-06	2.38E-04	1.10E-04	2.29E-03	2.53E-04	7.16E-05	2.72E-03	1.04E-04	0.00E+00	3.37E-06	1.95E-06	1.10E-04
1732	495211.06, 3858951.99	0.05468	0.07235	0.03953	0.02258	2.33E-04	0.00E+00	3.36E-06	1.94E-06	2.38E-04	1.10E-04	2.28E-03	2.52E-04	7.13E-05	2.71E-03	1.04E-04	0.00E+00	3.36E-06	1.94E-06	1.10E-04
1733	495261.06, 3858951.99	0.05468	0.072	0.03947	0.02246	2.33E-04	0.00E+00	3.36E-06	1.93E-06	2.38E-04	1.10E-04	2.27E-03	2.52E-04	7.09E-05	2.70E-03	1.04E-04	0.00E+00	3.36E-06	1.93E-06	1.10E-04
1734	495311.06, 3858951.99	0.05411	0.07104	0.03904	0.02225	2.30E-04	0.00E+00	3.32E-06	1.92E-06	2.36E-04	1.09E-04	2.24E-03	2.49E-04	7.03E-05	2.67E-03	1.03E-04	0.00E+00	3.32E-06	1.92E-06	1.09E-04
1735	495361.06, 3858951.99	0.05418	0.07078	0.03902	0.02214	2.31E-04	0.00E+00	3.32E-06	1.91E-06	2.36E-04	1.09E-04	2.23E-03	2.49E-04	6.99E-05	2.66E-03	1.03E-04	0.00E+00	3.32E-06	1.91E-06	1.09E-04
1736	495411.06, 3858951.99	0.05435	0.07064	0.03906	0.02206	2.31E-04	0.00E+00	3.32E-06	1.90E-06	2.37E-04	1.09E-04	2.23E-03	2.49E-04	6.97E-05	2.65E-03	1.04E-04	0.00E+00	3.32E-06	1.90E-06	1.09E-04
1737	495461.06, 3858951.99	0.05415	0.07011	0.03887	0.02191	2.31E-04	0.00E+00	3.31E-06	1.89E-06	2.36E-04	1.09E-04	2.21E-03	2.48E-04	6.92E-05	2.63E-03	1.03E-04	0.00E+00	3.31E-06	1.89E-06	1.09E-04
1738	495511.06, 3858951.99	0.05417	0.06982	0.03881	0.02182	2.31E-04	0.00E+00	3.30E-06	1.88E-06	2.36E-04	1.09E-04	2.20E-03	2.48E-04	6.89E-05	2.62E-03	1.03E-04	0.00E+00	3.30E-06	1.88E-06	1.09E-04
1739	495561.06, 3858951.99	0.05328	0.06855	0.03819	0.02155	2.27E-04	0.00E+00	3.25E-06	1.86E-06	2.32E-04	1.07E-04	2.16E-03	2.44E-04	6.80E-05	2.58E-03	1.02E-04	0.00E+00	3.25E-06	1.86E-06	1.07E-04
1740	495611.06, 3858951.99	0.05279	0.06772	0.03783	0.02137	2.25E-04	0.00E+00	3.22E-06	1.84E-06	2.30E-04	1.06E-04	2.13E-03	2.41E-04	6.75E-05	2.55E-03	1.01E-04	0.00E+00	3.22E-06	1.84E-06	1.06E-04
1741	495661.06, 3858951.99	0.05282	0.06747	0.03778	0.02127	2.25E-04	0.00E+00	3.21E-06	1.83E-06	2.30E-04	1.06E-04	2.13E-03	2.41E-04	6.72E-05	2.54E-03	1.01E-04	0.00E+00	3.21E-06	1.83E-06	1.06E-04
1742	494311.06, 3859001.99	0.0681	0.09858	0.0489	0.02806	2.90E-04	0.00E+00	4.16E-06	2.42E-06	2.97E-04	1.37E-04	3.11E-03	3.12E-04	8.86E-05	3.64E-03	1.30E-04	0.00E+00	4.16E-06	2.42E-06	1.37E-04
1743	494361.06, 3859001.99	0.06801	0.09809	0.04846	0.02781	2.90E-04	0.00E+00	4.12E-06	2.39E-06	2.96E-04	1.37E-04	3.09E-03	3.09E-04	8.78E-05	3.62E-03	1.30E-04	0.00E+00	4.12E-06	2.39E-06	1.36E-04
1744	494411.06, 3859001.99	0.06774	0.09767	0.04703	0.02726	2.88E-04	0.00E+00	4.00E-06	2.35E-06	2.95E-04	1.36E-04	3.08E-03	3.00E-04	8.61E-05	3.60E-03	1.29E-04	0.00E+00	4.00E-06	2.35E-06	1.36E-04
1745	494461.06, 3859001.99	0.06745	0.09681	0.04687	0.02705	2.87E-04	0.00E+00	3.99E-06	2.33E-06	2.94E-04	1.35E-04	3.05E-03	2.99E-04	8.54E-05	3.57E-03	1.29E-04	0.00E+00	3.99E-06	2.33E-06	1.35E-04
1746	494511.06, 3859001.99	0.06714	0.09594	0.0467	0.02683	2.86E-04	0.00E+00	3.97E-06	2.31E-06	2.92E-04	1.35E-04	3.02E-03	2.98E-04	8.47E-05	3.54E-03	1.28E-04	0.00E+00	3.97E-06	2.31E-06	1.35E-04
1747	494561.06, 3859001.99	0.06618	0.09399	0.04625	0.02648	2.82E-04	0.00E+00	3.93E-06	2.28E-06	2.88E-04	1.33E-04	2.96E-03	2.95E-04	8.36E-05	3.47E-03	1.26E-04	0.00E+00	3.93E-06	2.28E-06	1.33E-04
1748	494611.06, 3859001.99	0.06529	0.0922	0.0458	0.02615	2.78E-04	0.00E+00	3.90E-06	2.25E-06	2.84E-04	1.31E-04	2.90E-03	2.92E-04	8.26E-05	3.41E-03	1.25E-04	0.00E+00	3.90E-06	2.25E-06	1.31E-04
1749	494661.06, 3859001.99	0.06416	0.09009	0.04519	0.02577	2.73E-04	0.00E+00	3.84E-06	2.22E-06	2.79E-04	1.29E-04	2.84E-03	2.88E-04	8.14E-05	3.34E-03	1.23E-04	0.00E+00	3.84E-06	2.22E-06	1.29E-04
1750	494711.06, 3859001.99	0.06279	0.08763	0.04441	0.02534	2.67E-04	0.00E+00	3.78E-06	2.18E-06	2.73E-04	1.26E-04	2.76E-03	2.83E-04	8.00E-05	3.25E-03	1.20E-04	0.00E+00	3.78E-06	2.18E-06	1.26E-04
1751	494761.06, 3859001.99	0.06199	0.08612	0.04392	0.02504	2.64E-04	0.00E+00	3.74E-06	2.16E-06	2.70E-04	1.25E-04	2.71E-03	2.80E-04	7.91E-05	3.20E-03	1.18E-04	0.00E+00	3.74E-06	2.16E-06	1.24E-04
1752	494811.06, 3859001.99	0.06154	0.08513	0.04362	0.02482	2.62E-04	0.00E+00	3.71E-06	2.14E-06	2.68E-04	1.24E-04	2.68E-03	2.78E-04	7.84E-05	3.16E-03	1.18E-04	0.00E+00	3.71E-06	2.14E-06	1.23E-04
1753	494861.06, 3859001.99	0.06064	0.08353	0.04305	0.02451	2.58E-04	0.00E+00	3.66E-06	2.11E-06	2.64E-04	1.22E-04	2.63E-03	2.75E-04	7.74E-05	3.10E-03	1.16E-04	0.00E+00	3.66E-06	2.11E-06	1.22E-04
1754	494911.06, 3859001.99	0.05967	0.08187	0.04241	0.0242	2.54E-04	0.00E+00	3.61E-06	2.08E-06	2.60E-04	1.20E-04	2.58E-03	2.71E-04	7.64E-05	3.05E-03	1.14E-04	0.00E+00	3.61E-06	2.08E-06	1.20E-04
1755	494961.06, 3859001.99	0.05867	0.0802	0.04175	0.02389	2.50E-04	0.00E+00	3.55E-06	2.06E-06	2.55E-04	1.18E-04	2.53E-03	2.66E-04	7.54E-05	2.99E-03	1.12E-04	0.00E+00	3.55E-06	2.06E-06	1.18E-04
1756	495011.06, 3859001.99	0.05578	0.07633	0.03986	0.02323	2.38E-04	0.00E+00	3.39E-06	2.00E-06	2.43E-04	1.12E-04	2.40E-03	2.54E-04	7.33E-05	2.84E-03	1.07E-04	0.00E+00	3.39E-06	2.00E-06	1.12E-04
1757	495061.06, 3859001.99	0.0553	0.07539	0.03951	0.02302	2.36E-04	0.00E+00	3.36E-06	1.98E-06	2.41E-04	1.11E-04	2.37E-03	2.52E-04	7.27E-05	2.81E-03	1.06E-04	0.00E+00	3.36E-06	1.98E-06	1.11E-04
1758	495111.06, 3859001.99	0.05413	0.07367	0.03873	0.0227	2.31E-04	0.00E+00	3.29E-06	1.95E-06	2.36E-04	1.09E-04	2.32E-03	2.47E-04	7.17E-05	2.75E-03	1.03E-04	0.00E+00	3.29E-06	1.95E-06	1.09E-04
1759	495161.06, 3859001.99	0.0552	0.07454	0.03936	0.02275	2.35E-04	0.00E+00	3.35E-06	1.96E-06	2.40E-04	1.11E-04	2.35E-03	2.51E-04	7.18E-05	2.78E-03	1.05E-04	0.00E+00	3.35E-06	1.96E-06	1.11E-04
1760	495211.06, 3859001.99	0.05503	0.07398	0.03921	0.0226	2.34E-04	0.00E+00	3.33E-06	1.95E-06	2.40E-04	1.11E-04	2.33E-03	2.50E-04	7.14E-05	2.76E-03	1.05E-04	0.00E+00	3.33E-06	1.95E-06	1.10E-04
1761	495261.06, 3859001.99	0.0551	0.0737	0.03921	0.0225	2.35E-04	0.00E+00	3.33E-06	1.94E-06	2.40E-04	1.11E-04	2.32E-03	2.50E-04	7.10E-05	2.75E-03	1.05E-04	0.00E+00	3.33E-06	1.94E-06	1.11E-04
1762	495311.06, 3859001.99	0.05486	0.07308	0.03901	0.02233	2.34E-04	0.00E+00	3.32E-06	1.92E-06	2.39E-04	1.10E-04	2.30E-03	2.49E-04	7.05E-05	2.73E-03	1.05E-04	0.00E+00	3.32E-06	1.92E-06	1.10E-04
1763	495361.06, 3859001.99	0.0549	0.07278	0.03899	0.02223	2.34E-04	0.00E+00	3.32E-06	1.91E-06	2.39E-04	1.10E-04	2.29E-03	2.49E-04	7.02E-05	2.72E-03	1.05E-04	0.00E+00	3.32E-06	1.91E-06	1.10E-04
1764	495411.06, 3859001.99	0.05479	0.07232	0.03887	0.0221	2.33E-04	0.00E+00	3.31E-06	1.90E-06	2.39E-04	1.10E-04	2.28E-03	2.48E-04	6.98E-05	2.71E-03	1.05E-04	0.00E+00	3.31E-06	1.90E-06	1.10E-04
1765	495461.06, 3859001.99	0.05475	0.07195	0.0388	0.02198	2.33E-04	0.00E+00	3.30E-06	1.89E-06	2.38E-04	1.10E-04	2.27E-03	2.47E-04	6.94E-05	2.69E-03	1.05E-04	0.00E+00	3.30E-06	1.89E-06	1.10E-04
1766	495511.06, 3859001.99	0.0541	0.07088	0.03833	0.02176	2.30E-04	0.00E+00	3.26E-06	1.87E-06	2.36E-04	1.09E-04	2.23E-03	2.44E-04	6.87E-05	2.65E-03	1.03E-04	0.00E+00	3.26E-06	1.87E-06	1.08E-04

1767	495561.06, 3859001.99	0.05376	0.07017	0.03807	0.02159	2.29E-04	0.00E+00	3.24E-06	1.86E-06	2.34E-04	1.08E-04	2.21E-03	2.43E-04	6.82E-05	2.63E-03	1.03E-04	0.00E+00	3.24E-06	1.86E-06	1.08E-04
1768	495611.06, 3859001.99	0.05337	0.06942	0.03778	0.02142	2.27E-04	0.00E+00	3.21E-06	1.84E-06	2.32E-04	1.07E-04	2.19E-03	2.41E-04	6.76E-05	2.60E-03	1.02E-04	0.00E+00	3.21E-06	1.84E-06	1.07E-04
1769	495661.06, 3859001.99	0.05374	0.06954	0.03797	0.02137	2.29E-04	0.00E+00	3.23E-06	1.84E-06	2.34E-04	1.08E-04	2.19E-03	2.42E-04	6.75E-05	2.61E-03	1.03E-04	0.00E+00	3.23E-06	1.84E-06	1.08E-04
1770	494311.06, 3859051.99	0.06865	0.102	0.04722	0.02826	2.92E-04	0.00E+00	4.02E-06	2.43E-06	2.99E-04	1.38E-04	3.21E-03	3.01E-04	8.92E-05	3.74E-03	1.31E-04	0.00E+00	4.02E-06	2.43E-06	1.38E-04
1771	494361.06, 3859051.99	0.06851	0.10183	0.04585	0.02766	2.92E-04	0.00E+00	3.90E-06	2.38E-06	2.98E-04	1.38E-04	3.21E-03	2.92E-04	8.73E-05	3.73E-03	1.31E-04	0.00E+00	3.90E-06	2.38E-06	1.37E-04
1772	494411.06, 3859051.99	0.06805	0.10063	0.04567	0.02741	2.90E-04	0.00E+00	3.88E-06	2.36E-06	2.96E-04	1.37E-04	3.17E-03	2.91E-04	8.65E-05	3.68E-03	1.30E-04	0.00E+00	3.88E-06	2.36E-06	1.36E-04
1773	494461.06, 3859051.99	0.06749	0.09924	0.04545	0.02714	2.87E-04	0.00E+00	3.87E-06	2.34E-06	2.94E-04	1.36E-04	3.13E-03	2.90E-04	8.57E-05	3.64E-03	1.29E-04	0.00E+00	3.87E-06	2.34E-06	1.35E-04
1774	494511.06, 3859051.99	0.06675	0.09753	0.04516	0.02682	2.84E-04	0.00E+00	3.84E-06	2.31E-06	2.90E-04	1.34E-04	3.07E-03	2.88E-04	8.47E-05	3.58E-03	1.27E-04	0.00E+00	3.84E-06	2.31E-06	1.34E-04
1775	494561.06, 3859051.99	0.06612	0.09606	0.04489	0.02654	2.82E-04	0.00E+00	3.82E-06	2.29E-06	2.88E-04	1.33E-04	3.03E-03	2.86E-04	8.38E-05	3.53E-03	1.26E-04	0.00E+00	3.82E-06	2.29E-06	1.32E-04
1776	494611.06, 3859051.99	0.06522	0.09416	0.04451	0.02619	2.78E-04	0.00E+00	3.79E-06	2.26E-06	2.84E-04	1.31E-04	2.97E-03	2.84E-04	8.27E-05	3.46E-03	1.25E-04	0.00E+00	3.79E-06	2.26E-06	1.31E-04
1777	494661.06, 3859051.99	0.06424	0.09215	0.04405	0.02583	2.74E-04	0.00E+00	3.75E-06	2.22E-06	2.80E-04	1.29E-04	2.90E-03	2.81E-04	8.16E-05	3.39E-03	1.23E-04	0.00E+00	3.75E-06	2.22E-06	1.29E-04
1778	494711.06, 3859051.99	0.06331	0.0903	0.04359	0.02549	2.70E-04	0.00E+00	3.71E-06	2.19E-06	2.76E-04	1.27E-04	2.84E-03	2.78E-04	8.05E-05	3.33E-03	1.21E-04	0.00E+00	3.71E-06	2.19E-06	1.27E-04
1779	494761.06, 3859051.99	0.06232	0.08841	0.04307	0.02514	2.65E-04	0.00E+00	3.66E-06	2.16E-06	2.71E-04	1.25E-04	2.78E-03	2.75E-04	7.94E-05	3.26E-03	1.19E-04	0.00E+00	3.66E-06	2.16E-06	1.25E-04
1780	494811.06, 3859051.99	0.06164	0.08702	0.0427	0.02486	2.63E-04	0.00E+00	3.63E-06	2.14E-06	2.68E-04	1.24E-04	2.74E-03	2.72E-04	7.85E-05	3.22E-03	1.18E-04	0.00E+00	3.63E-06	2.14E-06	1.24E-04
1781	494861.06, 3859051.99	0.06094	0.08557	0.04229	0.02459	2.60E-04	0.00E+00	3.60E-06	2.12E-06	2.65E-04	1.22E-04	2.70E-03	2.70E-04	7.76E-05	3.17E-03	1.16E-04	0.00E+00	3.60E-06	2.12E-06	1.22E-04
1782	494911.06, 3859051.99	0.05978	0.08357	0.04161	0.02422	2.55E-04	0.00E+00	3.54E-06	2.09E-06	2.60E-04	1.20E-04	2.63E-03	2.65E-04	7.65E-05	3.09E-03	1.14E-04	0.00E+00	3.54E-06	2.09E-06	1.20E-04
1783	494961.06, 3859051.99	0.05798	0.08077	0.04051	0.02375	2.47E-04	0.00E+00	3.45E-06	2.05E-06	2.52E-04	1.16E-04	2.54E-03	2.58E-04	7.50E-05	2.99E-03	1.11E-04	0.00E+00	3.45E-06	2.05E-06	1.16E-04
1784	495011.06, 3859051.99	0.05664	0.07867	0.03967	0.02336	2.41E-04	0.00E+00	3.37E-06	2.01E-06	2.47E-04	1.14E-04	2.48E-03	2.53E-04	7.38E-05	2.92E-03	1.08E-04	0.00E+00	3.37E-06	2.01E-06	1.14E-04
1785	495061.06, 3859051.99	0.05578	0.07723	0.03912	0.02307	2.38E-04	0.00E+00	3.33E-06	1.99E-06	2.43E-04	1.12E-04	2.43E-03	2.50E-04	7.28E-05	2.87E-03	1.07E-04	0.00E+00	3.33E-06	1.99E-06	1.12E-04
1786	495111.06, 3859051.99	0.05536	0.07635	0.03884	0.02288	2.36E-04	0.00E+00	3.30E-06	1.97E-06	2.41E-04	1.11E-04	2.41E-03	2.48E-04	7.22E-05	2.84E-03	1.06E-04	0.00E+00	3.30E-06	1.97E-06	1.11E-04
1787	495161.06, 3859051.99	0.0559	0.07663	0.03914	0.02285	2.38E-04	0.00E+00	3.33E-06	1.97E-06	2.43E-04	1.12E-04	2.41E-03	2.50E-04	7.21E-05	2.85E-03	1.07E-04	0.00E+00	3.33E-06	1.97E-06	1.12E-04
1788	495211.06, 3859051.99	0.05538	0.07563	0.0388	0.02263	2.36E-04	0.00E+00	3.30E-06	1.95E-06	2.41E-04	1.11E-04	2.38E-03	2.47E-04	7.15E-05	2.81E-03	1.06E-04	0.00E+00	3.30E-06	1.95E-06	1.11E-04
1789	495261.06, 3859051.99	0.05566	0.07561	0.03894	0.02256	2.37E-04	0.00E+00	3.31E-06	1.94E-06	2.42E-04	1.12E-04	2.38E-03	2.48E-04	7.12E-05	2.81E-03	1.06E-04	0.00E+00	3.31E-06	1.94E-06	1.12E-04
1790	495311.06, 3859051.99	0.05535	0.07487	0.03872	0.02238	2.36E-04	0.00E+00	3.29E-06	1.93E-06	2.41E-04	1.11E-04	2.36E-03	2.47E-04	7.07E-05	2.79E-03	1.06E-04	0.00E+00	3.29E-06	1.93E-06	1.11E-04
1791	495361.06, 3859051.99	0.05527	0.07443	0.03865	0.02225	2.35E-04	0.00E+00	3.29E-06	1.92E-06	2.41E-04	1.11E-04	2.34E-03	2.47E-04	7.03E-05	2.77E-03	1.06E-04	0.00E+00	3.29E-06	1.92E-06	1.11E-04
1792	495411.06, 3859051.99	0.05536	0.0742	0.03867	0.02215	2.36E-04	0.00E+00	3.29E-06	1.91E-06	2.41E-04	1.11E-04	2.34E-03	2.47E-04	6.99E-05	2.77E-03	1.06E-04	0.00E+00	3.29E-06	1.91E-06	1.11E-04
1793	495461.06, 3859051.99	0.05542	0.07394	0.03869	0.02205	2.36E-04	0.00E+00	3.29E-06	1.90E-06	2.41E-04	1.11E-04	2.33E-03	2.47E-04	6.96E-05	2.76E-03	1.06E-04	0.00E+00	3.29E-06	1.90E-06	1.11E-04
1794	495511.06, 3859051.99	0.05475	0.0728	0.03823	0.02182	2.33E-04	0.00E+00	3.25E-06	1.88E-06	2.38E-04	1.10E-04	2.29E-03	2.44E-04	6.89E-05	2.72E-03	1.05E-04	0.00E+00	3.25E-06	1.88E-06	1.10E-04
1795	495561.06, 3859051.99	0.05427	0.0719	0.0379	0.02163	2.31E-04	0.00E+00	3.22E-06	1.86E-06	2.36E-04	1.09E-04	2.26E-03	2.42E-04	6.83E-05	2.68E-03	1.04E-04	0.00E+00	3.22E-06	1.86E-06	1.09E-04
1796	495611.06, 3859051.99	0.05386	0.07109	0.0376	0.02144	2.29E-04	0.00E+00	3.20E-06	1.85E-06	2.34E-04	1.08E-04	2.24E-03	2.40E-04	6.77E-05	2.66E-03	1.03E-04	0.00E+00	3.20E-06	1.85E-06	1.08E-04
1797	495661.06, 3859051.99	0.05416	0.07114	0.03777	0.02139	2.31E-04	0.00E+00	3.21E-06	1.84E-06	2.36E-04	1.09E-04	2.24E-03	2.41E-04	6.75E-05	2.66E-03	1.03E-04	0.00E+00	3.21E-06	1.84E-06	1.08E-04
1798	494311.06, 3859101.99	0.06898	0.10575	0.04452	0.02797	2.94E-04	0.00E+00	3.79E-06	2.41E-06	3.00E-04	1.39E-04	3.33E-03	2.84E-04	8.83E-05	3.84E-03	1.32E-04	0.00E+00	3.79E-06	2.41E-06	1.38E-04
1799	494361.06, 3859101.99	0.06858	0.10461	0.04437	0.02773	2.92E-04	0.00E+00	3.77E-06	2.39E-06	2.98E-04	1.38E-04	3.30E-03	2.83E-04	8.76E-05	3.80E-03	1.31E-04	0.00E+00	3.77E-06	2.39E-06	1.37E-04
1800	494411.06, 3859101.99	0.06827	0.10368	0.04424	0.02751	2.91E-04	0.00E+00	3.76E-06	2.37E-06	2.97E-04	1.37E-04	3.27E-03	2.82E-04	8.69E-05	3.77E-03	1.30E-04	0.00E+00	3.76E-06	2.37E-06	1.37E-04
1801	494461.06, 3859101.99	0.0677	0.10216	0.04406	0.02723	2.88E-04	0.00E+00	3.75E-06	2.34E-06	2.94E-04	1.36E-04	3.22E-03	2.81E-04	8.60E-05	3.72E-03	1.29E-04	0.00E+00	3.75E-06	2.34E-06	1.35E-04
1802	494511.06, 3859101.99	0.06684	0.10005	0.0438	0.02689	2.85E-04	0.00E+00	3.73E-06	2.32E-06	2.91E-04	1.34E-04	3.15E-03	2.79E-04	8.49E-05	3.65E-03	1.28E-04	0.00E+00	3.73E-06	2.32E-06	1.34E-04
1803	494561.06, 3859101.99	0.06616	0.09839	0.04356	0.02659	2.82E-04	0.00E+00	3.70E-06	2.29E-06	2.88E-04	1.33E-04	3.10E-03	2.78E-04	8.40E-05	3.59E-03	1.26E-04	0.00E+00	3.70E-06	2.29E-06	1.32E-04
1804	494611.06, 3859101.99	0.06506	0.09596	0.04316	0.02619	2.77E-04	0.00E+00	3.67E-06	2.26E-06	2.83E-04	1.31E-04	3.02E-03	2.75E-04	8.27E-05	3.51E-03	1.24E-04	0.00E+00	3.67E-06	2.26E-06	1.30E-04
1805	494661.06, 3859101.99	0.06437	0.09439	0.04288	0.0259	2.74E-04	0.00E+00	3.65E-06	2.23E-06	2.80E-04	1.29E-04	2.97E-03	2.74E-04	8.18E-05	3.46E-03	1.23E-04	0.00E+00	3.65E-06	2.23E-06	1.29E-04
1806	494711.06, 3859101.99	0.06307	0.09179	0.04232	0.02546	2.69E-04	0.00E+00	3.60E-06	2.19E-06	2.74E-04	1.27E-04	2.89E-03	2.70E-04	8.04E-05	3.37E-03	1.20E-04	0.00E+00	3.60E-06	2.19E-06	1.26E-04
1807	494761.06, 3859101.99	0.06278	0.09095	0.04218	0.02526	2.67E-04	0.00E+00	3.59E-06	2.18E-06	2.73E-04	1.26E-04	2.86E-03	2.69E-04	7.98E-05	3.34E-03	1.20E-04	0.00E+00	3.59E-06	2.18E-06	1.26E-04
1808	494811.06, 3859101.99	0.06193	0.08921	0.04178	0.02494	2.64E-04	0.00E+00	3.55E-06	2.15E-06	2.69E-04	1.24E-04	2.81E-03	2.66E-04	7.87E-05	3.28E-03	1.18E-04	0.00E+00	3.55E-06	2.15E-06	1.24E-04
1809	494861.06, 3859101.99	0.06118	0.08767	0.0414	0.02464	2.61E-04	0.00E+00	3.52E-06	2.12E-06	2.66E-04	1.23E-04	2.76E-03	2.64E-04	7.78E-05	3.23E-03	1.17E-04	0.00E+00	3.52E-06	2.12E-06	1.22E-04
1810	494911.06, 3859101.99	0.06002	0.08547	0.04079	0.02426	2.56E-04	0.00E+00	3.47E-06	2.09E-06	2.61E-04	1.21E-04	2.69E-03	2.60E-04	7.66E-05	3.15E-03	1.15E-04	0.00E+00	3.47E-06	2.09E-06	1.20E-04
1811	494961.06, 3859101.99	0.05816	0.08244	0.03976	0.02375	2.48E-04	0.00E+00	3.38E-06	2.05E-06	2.53E-04	1.17E-04	2.60E-03	2.54E-04	7.50E-05	3.04E-03	1.11E-04	0.00E+00	3.38E-06	2.05E-06	1.17E-04
1812	495011.06, 3859101.99	0.05615	0.07937	0.03858	0.02325	2.39E-04	0.00E+00	3.28E-06	2.00E-06	2.44E-04	1.13E-04	2.50E-03	2.46E-04	7.34E-05	2.93E-03	1.07E-04	0.00E+00	3.28E-06	2.00E-06	1.13E-04
1813	495061.06, 3859101.99	0.05627	0.07915	0.03863	0.02314	2.40E-04	0.00E+00	3.29E-06	1.99E-06	2.45E-04	1.13E-04	2.49E-03	2.46E-04	7.31E-05	2.93E-03	1.07E-04	0.00E+00	3.29E-06	1.99E-06	1.13E-04
1814	495111.06, 3859101.99	0.05578	0.07814	0.03834	0.02292	2.38E-04	0.00E+00	3.26E-06	1.97E-06	2.43E-04	1.12E-04	2.46E-03	2.45E-04	7.24E-05	2.89E-03	1.07E-04	0.00E+00	3.26E-06	1.97E-06	1.12E-04
1815	495161.06, 3859101.99	0.05628	0.07842	0.03862	0.02289	2.40E-04	0.00E+00	3.28E-06	1.97E-06	2.45E-04	1.13E-04	2.47E-03	2.46E-04	7.23E-05	2.90E-03	1.07E-04	0.00E+00	3.28E-06	1.97E-06	1.13E-04
1816	495211.06, 3859101.99	0.05585	0.07749	0.03836	0.02268	2.38E-04	0.00E+00	3.26E-06	1.95E-06	2.43E-04	1.12E-04	2.44E-03	2.45E-04	7.16E-05	2.87E-03	1.07E-04	0.00E+00	3.26E-06	1.95E-06	1.12E-04
1817	495261.06, 3859101.99	0.05595	0.07728	0.03841	0.02258	2.38E-04	0.00E+00	3.27E-06	1.94E-06	2.43E-04	1.12E-04	2.43E-03	2.45E-04	7.13E-05	2.86E-03	1.07E-04	0.00E+00	3.27E-06	1.94E-06	1.12E-04
1818	495311.06, 3859101.99	0.05596	0.07668	0.03861	0.02251	2.38E-04	0.00E+00	3.28E-06	1.94E-06	2.44E-04	1.12E-04	2.42E-03	2.46E-04	7.11E-05	2.85E-03	1.07E-04	0.00E+00	3.28E-06	1.94E-06	1.12E-04
1819	495361.06, 3859101.99	0.05599	0.07663	0.03841	0.02235	2.38E-04	0.00E+00	3.27E-06	1.92E-06	2.44E-04	1.12E-04	2.41E-03	2.45E-04	7.06E-05	2.84E-03	1.07E-04	0.00E+00	3.27E-06	1.92E-06	1.12E-04
1820	495411.06, 3859101.99	0.05595	0.07624	0.03837	0.02222	2.38E-04	0.00E+00	3.26E-06	1.91E-06	2.43E-04	1.12E-04	2.40E-03	2.45E-04	7.02E-05	2.83E-03	1.07E-04	0.00E+00	3.26E-06	1.91E-06	1.12E-04
1821	495461.06, 3859101.99	0.05578	0.07542	0.03852	0.02214	2.38E-04	0.00E+00	3.28E-06	1.91E-06	2.43E-04	1.12E-04	2.38E-03	2.46E-04	6.99E-05	2.80E-03	1.07E-04	0.00E+00	3.28E-06	1.91E-06	1.12E-04
1822	495511.06, 3859101.99	0.0556	0.07485	0.0384	0.02199	2.37E-04	0.00E+00	3.27E-06	1.89E-06	2.42E-04	1.12E-04	2.36E-03	2.45E-04	6.94E-05	2.78E-03	1.06E-04	0.00E+00	3.27E-06	1.89E-06	1.11E-04
1823	495561.06, 3859101.99	0.05496	0.07395	0.03773	0.02171	2.34E-04	0.00E+00	3.21E-06	1.87E-06	2.39E-04	1.10E-04	2.33E-03	2.41E-04	6.85E-05	2.75E-03	1.05E-04	0.00E+00	3.21E-06	1.87E-06	1.10E-04
1824	495611.06, 3859101.99	0.05446	0.07299	0.03741	0.0215	2.32E-04	0.00E+00	3.18E-06	1.85E-06	2.37E-04	1.09E-04	2.30E-03	2.39E-04	6.79E-05	2.72E-03	1.04E-04	0.00E+00	3.18E-06	1.85E-06	1.09E-04
1825	495661.06, 3859101.99	0.05451	0.07273	0.03742	0.0214	2.32E-04	0.00E+00	3.18E-06	1.84E-06	2.37E-04	1.09E-04	2.29E-03	2.39E-04	6.76E-05	2.71E-03	1.04E-04	0.00E+00	3.18E-06	1.84E-06	1.09E-04

1826	494311.06, 3859151.99	0.06903	0.10885	0.04305	0.02799	2.94E-04	0.00E+00	3.66E-06	2.41E-06	3.00E-04	1.39E-04	3.43E-03	2.75E-04	8.84E-05	3.93E-03	1.32E-04	0.00E+00	3.66E-06	2.41E-06	1.38E-04
1827	494361.06, 3859151.99	0.06878	0.10802	0.04292	0.02778	2.93E-04	0.00E+00	3.65E-06	2.39E-06	2.99E-04	1.38E-04	3.40E-03	2.74E-04	8.77E-05	3.90E-03	1.31E-04	0.00E+00	3.65E-06	2.39E-06	1.37E-04
1828	494411.06, 3859151.99	0.06815	0.10619	0.04278	0.02748	2.90E-04	0.00E+00	3.64E-06	2.37E-06	2.96E-04	1.37E-04	3.34E-03	2.73E-04	8.68E-05	3.84E-03	1.30E-04	0.00E+00	3.64E-06	2.37E-06	1.36E-04
1829	494461.06, 3859151.99	0.06749	0.10434	0.04262	0.02719	2.87E-04	0.00E+00	3.62E-06	2.34E-06	2.93E-04	1.36E-04	3.29E-03	2.72E-04	8.58E-05	3.78E-03	1.29E-04	0.00E+00	3.62E-06	2.34E-06	1.35E-04
1830	494511.06, 3859151.99	0.06661	0.10204	0.0424	0.02684	2.84E-04	0.00E+00	3.61E-06	2.31E-06	2.90E-04	1.34E-04	3.21E-03	2.70E-04	8.47E-05	3.70E-03	1.27E-04	0.00E+00	3.61E-06	2.31E-06	1.33E-04
1831	494561.06, 3859151.99	0.06608	0.1006	0.04223	0.02657	2.81E-04	0.00E+00	3.59E-06	2.29E-06	2.87E-04	1.33E-04	3.17E-03	2.69E-04	8.39E-05	3.65E-03	1.26E-04	0.00E+00	3.59E-06	2.29E-06	1.32E-04
1832	494611.06, 3859151.99	0.06516	0.09835	0.04195	0.02622	2.77E-04	0.00E+00	3.57E-06	2.26E-06	2.83E-04	1.31E-04	3.10E-03	2.68E-04	8.28E-05	3.58E-03	1.24E-04	0.00E+00	3.57E-06	2.26E-06	1.30E-04
1833	494661.06, 3859151.99	0.06456	0.09686	0.04174	0.02594	2.75E-04	0.00E+00	3.55E-06	2.23E-06	2.81E-04	1.30E-04	3.05E-03	2.66E-04	8.19E-05	3.53E-03	1.23E-04	0.00E+00	3.55E-06	2.23E-06	1.29E-04
1834	494711.06, 3859151.99	0.06406	0.09557	0.04154	0.02569	2.73E-04	0.00E+00	3.53E-06	2.21E-06	2.79E-04	1.29E-04	3.01E-03	2.65E-04	8.11E-05	3.49E-03	1.22E-04	0.00E+00	3.53E-06	2.21E-06	1.28E-04
1835	494761.06, 3859151.99	0.06292	0.0931	0.04111	0.02529	2.68E-04	0.00E+00	3.50E-06	2.18E-06	2.74E-04	1.26E-04	2.93E-03	2.62E-04	7.98E-05	3.40E-03	1.20E-04	0.00E+00	3.50E-06	2.18E-06	1.26E-04
1836	494811.06, 3859151.99	0.06196	0.09104	0.04071	0.02494	2.64E-04	0.00E+00	3.46E-06	2.15E-06	2.69E-04	1.24E-04	2.87E-03	2.60E-04	7.87E-05	3.33E-03	1.18E-04	0.00E+00	3.46E-06	2.15E-06	1.24E-04
1837	494861.06, 3859151.99	0.06135	0.08967	0.04044	0.02467	2.61E-04	0.00E+00	3.44E-06	2.12E-06	2.67E-04	1.23E-04	2.82E-03	2.58E-04	7.79E-05	3.28E-03	1.17E-04	0.00E+00	3.44E-06	2.12E-06	1.23E-04
1838	494911.06, 3859151.99	0.0601	0.08725	0.03985	0.02426	2.56E-04	0.00E+00	3.39E-06	2.09E-06	2.61E-04	1.21E-04	2.75E-03	2.54E-04	7.66E-05	3.20E-03	1.15E-04	0.00E+00	3.39E-06	2.09E-06	1.20E-04
1839	494961.06, 3859151.99	0.05847	0.08401	0.03919	0.02383	2.49E-04	0.00E+00	3.33E-06	2.05E-06	2.54E-04	1.17E-04	2.65E-03	2.50E-04	7.52E-05	3.09E-03	1.12E-04	0.00E+00	3.33E-06	2.05E-06	1.17E-04
1840	495011.06, 3859151.99	0.05661	0.08128	0.03801	0.02327	2.41E-04	0.00E+00	3.23E-06	2.00E-06	2.46E-04	1.14E-04	2.56E-03	2.42E-04	7.35E-05	2.99E-03	1.08E-04	0.00E+00	3.23E-06	2.00E-06	1.13E-04
1841	495061.06, 3859151.99	0.05652	0.0808	0.03796	0.02313	2.41E-04	0.00E+00	3.23E-06	1.99E-06	2.46E-04	1.14E-04	2.55E-03	2.42E-04	7.30E-05	2.97E-03	1.08E-04	0.00E+00	3.23E-06	1.99E-06	1.13E-04
1842	495111.06, 3859151.99	0.05627	0.08009	0.03782	0.02296	2.40E-04	0.00E+00	3.22E-06	1.98E-06	2.45E-04	1.13E-04	2.52E-03	2.41E-04	7.25E-05	2.95E-03	1.07E-04	0.00E+00	3.22E-06	1.98E-06	1.13E-04
1843	495161.06, 3859151.99	0.05672	0.08037	0.03807	0.02292	2.42E-04	0.00E+00	3.24E-06	1.97E-06	2.47E-04	1.14E-04	2.53E-03	2.43E-04	7.24E-05	2.96E-03	1.08E-04	0.00E+00	3.24E-06	1.97E-06	1.14E-04
1844	495211.06, 3859151.99	0.05654	0.07975	0.03796	0.02276	2.41E-04	0.00E+00	3.23E-06	1.96E-06	2.46E-04	1.14E-04	2.51E-03	2.42E-04	7.19E-05	2.94E-03	1.08E-04	0.00E+00	3.23E-06	1.96E-06	1.13E-04
1845	495261.06, 3859151.99	0.05637	0.07917	0.03787	0.02261	2.40E-04	0.00E+00	3.22E-06	1.95E-06	2.45E-04	1.13E-04	2.49E-03	2.42E-04	7.14E-05	2.92E-03	1.08E-04	0.00E+00	3.22E-06	1.95E-06	1.13E-04
1846	495311.06, 3859151.99	0.05628	0.07871	0.03782	0.02247	2.40E-04	0.00E+00	3.22E-06	1.93E-06	2.45E-04	1.13E-04	2.48E-03	2.41E-04	7.09E-05	2.90E-03	1.07E-04	0.00E+00	3.22E-06	1.93E-06	1.13E-04
1847	495361.06, 3859151.99	0.05614	0.07817	0.03774	0.02233	2.39E-04	0.00E+00	3.21E-06	1.92E-06	2.44E-04	1.13E-04	2.46E-03	2.41E-04	7.05E-05	2.89E-03	1.07E-04	0.00E+00	3.21E-06	1.92E-06	1.12E-04
1848	495411.06, 3859151.99	0.05651	0.07835	0.03794	0.02228	2.41E-04	0.00E+00	3.23E-06	1.92E-06	2.46E-04	1.14E-04	2.47E-03	2.42E-04	7.03E-05	2.89E-03	1.08E-04	0.00E+00	3.23E-06	1.92E-06	1.13E-04
1849	495461.06, 3859151.99	0.0564	0.07787	0.03788	0.02215	2.40E-04	0.00E+00	3.22E-06	1.91E-06	2.45E-04	1.13E-04	2.45E-03	2.42E-04	6.99E-05	2.88E-03	1.08E-04	0.00E+00	3.22E-06	1.91E-06	1.13E-04
1850	495511.06, 3859151.99	0.05584	0.07674	0.03756	0.02192	2.38E-04	0.00E+00	3.19E-06	1.89E-06	2.43E-04	1.12E-04	2.42E-03	2.40E-04	6.92E-05	2.84E-03	1.07E-04	0.00E+00	3.19E-06	1.89E-06	1.12E-04
1851	495561.06, 3859151.99	0.05547	0.0759	0.03734	0.02174	2.36E-04	0.00E+00	3.18E-06	1.87E-06	2.41E-04	1.11E-04	2.39E-03	2.38E-04	6.86E-05	2.81E-03	1.06E-04	0.00E+00	3.18E-06	1.87E-06	1.11E-04
1852	495611.06, 3859151.99	0.05516	0.07516	0.03716	0.02157	2.35E-04	0.00E+00	3.16E-06	1.86E-06	2.40E-04	1.11E-04	2.37E-03	2.37E-04	6.81E-05	2.78E-03	1.05E-04	0.00E+00	3.16E-06	1.86E-06	1.10E-04
1853	495661.06, 3859151.99	0.05492	0.07451	0.03701	0.02142	2.34E-04	0.00E+00	3.15E-06	1.84E-06	2.39E-04	1.10E-04	2.35E-03	2.36E-04	6.76E-05	2.76E-03	1.05E-04	0.00E+00	3.15E-06	1.84E-06	1.10E-04
1854	494311.06, 3859201.99	0.06891	0.11187	0.04161	0.02791	2.93E-04	0.00E+00	3.54E-06	2.40E-06	2.99E-04	1.38E-04	3.52E-03	2.65E-04	8.81E-05	4.02E-03	1.32E-04	0.00E+00	3.54E-06	2.40E-06	1.38E-04
1855	494361.06, 3859201.99	0.06853	0.1106	0.04149	0.02767	2.92E-04	0.00E+00	3.53E-06	2.38E-06	2.98E-04	1.38E-04	3.48E-03	2.65E-04	8.74E-05	3.97E-03	1.31E-04	0.00E+00	3.53E-06	2.38E-06	1.37E-04
1856	494411.06, 3859201.99	0.06802	0.10895	0.04138	0.02741	2.90E-04	0.00E+00	3.52E-06	2.36E-06	2.96E-04	1.37E-04	3.43E-03	2.64E-04	8.65E-05	3.92E-03	1.30E-04	0.00E+00	3.52E-06	2.36E-06	1.36E-04
1857	494461.06, 3859201.99	0.06726	0.10665	0.04127	0.0271	2.86E-04	0.00E+00	3.51E-06	2.33E-06	2.92E-04	1.35E-04	3.36E-03	2.63E-04	8.56E-05	3.84E-03	1.28E-04	0.00E+00	3.51E-06	2.33E-06	1.34E-04
1858	494511.06, 3859201.99	0.06673	0.10506	0.04113	0.02683	2.84E-04	0.00E+00	3.50E-06	2.31E-06	2.90E-04	1.34E-04	3.31E-03	2.62E-04	8.47E-05	3.79E-03	1.27E-04	0.00E+00	3.50E-06	2.31E-06	1.33E-04
1859	494561.06, 3859201.99	0.06585	0.1026	0.04095	0.02649	2.80E-04	0.00E+00	3.48E-06	2.28E-06	2.86E-04	1.32E-04	3.23E-03	2.61E-04	8.36E-05	3.71E-03	1.26E-04	0.00E+00	3.48E-06	2.28E-06	1.32E-04
1860	494611.06, 3859201.99	0.06514	0.10066	0.04076	0.02618	2.77E-04	0.00E+00	3.47E-06	2.25E-06	2.83E-04	1.31E-04	3.17E-03	2.60E-04	8.27E-05	3.64E-03	1.24E-04	0.00E+00	3.47E-06	2.25E-06	1.30E-04
1861	494661.06, 3859201.99	0.06456	0.09911	0.04058	0.02591	2.75E-04	0.00E+00	3.45E-06	2.23E-06	2.81E-04	1.30E-04	3.12E-03	2.59E-04	8.18E-05	3.59E-03	1.23E-04	0.00E+00	3.45E-06	2.23E-06	1.29E-04
1862	494711.06, 3859201.99	0.06398	0.09757	0.04038	0.02564	2.72E-04	0.00E+00	3.43E-06	2.21E-06	2.78E-04	1.29E-04	3.07E-03	2.58E-04	8.10E-05	3.54E-03	1.22E-04	0.00E+00	3.43E-06	2.21E-06	1.28E-04
1863	494761.06, 3859201.99	0.06298	0.09518	0.04006	0.02527	2.68E-04	0.00E+00	3.41E-06	2.18E-06	2.74E-04	1.26E-04	3.00E-03	2.56E-04	7.98E-05	3.46E-03	1.20E-04	0.00E+00	3.41E-06	2.18E-06	1.26E-04
1864	494811.06, 3859201.99	0.06212	0.0932	0.03974	0.02494	2.65E-04	0.00E+00	3.38E-06	2.15E-06	2.70E-04	1.25E-04	2.94E-03	2.53E-04	7.87E-05	3.39E-03	1.19E-04	0.00E+00	3.38E-06	2.15E-06	1.24E-04
1865	494861.06, 3859201.99	0.06119	0.0908	0.03947	0.02464	2.61E-04	0.00E+00	3.36E-06	2.12E-06	2.66E-04	1.23E-04	2.86E-03	2.52E-04	7.78E-05	3.31E-03	1.17E-04	0.00E+00	3.36E-06	2.12E-06	1.22E-04
1866	494911.06, 3859201.99	0.05976	0.08829	0.03876	0.02414	2.54E-04	0.00E+00	3.30E-06	2.08E-06	2.60E-04	1.20E-04	2.78E-03	2.47E-04	7.62E-05	3.22E-03	1.14E-04	0.00E+00	3.30E-06	2.08E-06	1.20E-04
1867	494961.06, 3859201.99	0.0583	0.08554	0.03806	0.02369	2.48E-04	0.00E+00	3.24E-06	2.04E-06	2.54E-04	1.17E-04	2.69E-03	2.43E-04	7.48E-05	3.13E-03	1.11E-04	0.00E+00	3.24E-06	2.04E-06	1.17E-04
1868	495011.06, 3859201.99	0.05627	0.08202	0.03705	0.02315	2.40E-04	0.00E+00	3.15E-06	1.99E-06	2.45E-04	1.13E-04	2.58E-03	2.36E-04	7.31E-05	3.01E-03	1.07E-04	0.00E+00	3.15E-06	1.99E-06	1.13E-04
1869	495061.06, 3859201.99	0.05708	0.08294	0.03744	0.02318	2.43E-04	0.00E+00	3.18E-06	2.00E-06	2.48E-04	1.15E-04	2.61E-03	2.39E-04	7.32E-05	3.04E-03	1.09E-04	0.00E+00	3.18E-06	2.00E-06	1.14E-04
1870	495111.06, 3859201.99	0.05711	0.08265	0.03745	0.02306	2.43E-04	0.00E+00	3.19E-06	1.99E-06	2.48E-04	1.15E-04	2.60E-03	2.39E-04	7.28E-05	3.03E-03	1.09E-04	0.00E+00	3.19E-06	1.99E-06	1.14E-04
1871	495161.06, 3859201.99	0.05703	0.08219	0.03741	0.02293	2.43E-04	0.00E+00	3.18E-06	1.97E-06	2.48E-04	1.15E-04	2.59E-03	2.39E-04	7.24E-05	3.01E-03	1.09E-04	0.00E+00	3.18E-06	1.97E-06	1.14E-04
1872	495211.06, 3859201.99	0.05666	0.08128	0.03721	0.02273	2.41E-04	0.00E+00	3.16E-06	1.96E-06	2.46E-04	1.14E-04	2.56E-03	2.37E-04	7.18E-05	2.98E-03	1.08E-04	0.00E+00	3.16E-06	1.96E-06	1.13E-04
1873	495261.06, 3859201.99	0.05672	0.08104	0.03724	0.02262	2.42E-04	0.00E+00	3.17E-06	1.95E-06	2.47E-04	1.14E-04	2.55E-03	2.38E-04	7.14E-05	2.98E-03	1.08E-04	0.00E+00	3.17E-06	1.95E-06	1.13E-04
1874	495311.06, 3859201.99	0.05662	0.08057	0.0372	0.02249	2.41E-04	0.00E+00	3.16E-06	1.94E-06	2.46E-04	1.14E-04	2.54E-03	2.37E-04	7.10E-05	2.96E-03	1.08E-04	0.00E+00	3.16E-06	1.94E-06	1.13E-04
1875	495361.06, 3859201.99	0.0566	0.08021	0.03718	0.02237	2.41E-04	0.00E+00	3.16E-06	1.93E-06	2.46E-04	1.14E-04	2.53E-03	2.37E-04	7.06E-05	2.95E-03	1.08E-04	0.00E+00	3.16E-06	1.93E-06	1.13E-04
1876	495411.06, 3859201.99	0.05684	0.08032	0.03731	0.0223	2.42E-04	0.00E+00	3.17E-06	1.92E-06	2.47E-04	1.14E-04	2.53E-03	2.38E-04	7.04E-05	2.95E-03	1.09E-04	0.00E+00	3.17E-06	1.92E-06	1.14E-04
1877	495461.06, 3859201.99	0.05662	0.07965	0.03719	0.02214	2.41E-04	0.00E+00	3.16E-06	1.91E-06	2.46E-04	1.14E-04	2.51E-03	2.37E-04	6.99E-05	2.93E-03	1.08E-04	0.00E+00	3.16E-06	1.91E-06	1.13E-04
1878	495511.06, 3859201.99	0.0564	0.07896	0.03708	0.02199	2.40E-04	0.00E+00	3.15E-06	1.89E-06	2.45E-04	1.13E-04	2.49E-03	2.37E-04	6.94E-05	2.91E-03	1.08E-04	0.00E+00	3.15E-06	1.89E-06	1.13E-04
1879	495561.06, 3859201.99	0.0558	0.07772	0.03677	0.02175	2.38E-04	0.00E+00	3.13E-06	1.87E-06	2.43E-04	1.12E-04	2.45E-03	2.35E-04	6.87E-05	2.86E-03	1.07E-04	0.00E+00	3.13E-06	1.87E-06	1.12E-04
1880	495611.06, 3859201.99	0.0554	0.07681	0.03656	0.02156	2.36E-04	0.00E+00	3.11E-06	1.86E-06	2.41E-04	1.11E-04	2.42E-03	2.33E-04	6.81E-05	2.83E-03	1.06E-04	0.00E+00	3.11E-06	1.86E-06	1.11E-04
1881	495661.06, 3859201.99	0.05517	0.07617	0.03643	0.02141	2.35E-04	0.00E+00	3.10E-06	1.84E-06	2.40E-04	1.11E-04	2.40E-03	2.32E-04	6.76E-05	2.81E-03	1.05E-04	0.00E+00	3.10E-06	1.84E-06	1.10E-04
1882	494311.06, 3859251.99	0.06865	0.11493	0.0402	0.02774	2.92E-04	0.00E+00	3.42E-06	2.39E-06	2.98E-04	1.38E-04	3.62E-03	2.56E-04	8.76E-05	4.10E-03	1.31E-04	0.00E+00	3.42E-06	2.39E-06	1.37E-04
1883	494361.06, 3859251.99	0.06815	0.11308	0.04013	0.02749	2.90E-04	0.00E+00	3.41E-06	2.37E-06	2.96E-04	1.37E-04	3.56E-03	2.56E-04	8.68E-05	4.04E-03	1.30E-04	0.00E+00	3.41E-06	2.37E-06	1.36E-04
1884	494411.06, 3859251.99	0.06745	0.11064	0.04009	0.0272	2.87E-04	0.00E+00	3.41E-06	2.34E-06	2.93E-04	1.35E-04	3.49E-03	2.56E-04	8.59E-05	3.96E-03	1.29E-04	0.00E+00	3.41E-06	2.34E-06	1.35E-04

1885	494461.06, 3859251.99	0.06697	0.10899	0.03999	0.02695	2.85E-04	0.00E+00	3.40E-06	2.32E-06	2.91E-04	1.35E-04	3.43E-03	2.55E-04	8.51E-05	3.91E-03	1.28E-04	0.00E+00	3.40E-06	2.32E-06	1.34E-04
1886	494511.06, 3859251.99	0.06616	0.10643	0.0399	0.02663	2.82E-04	0.00E+00	3.39E-06	2.29E-06	2.87E-04	1.33E-04	3.35E-03	2.55E-04	8.41E-05	3.82E-03	1.26E-04	0.00E+00	3.39E-06	2.29E-06	1.32E-04
1887	494561.06, 3859251.99	0.06561	0.10471	0.03977	0.02636	2.79E-04	0.00E+00	3.38E-06	2.27E-06	2.85E-04	1.32E-04	3.30E-03	2.54E-04	8.32E-05	3.77E-03	1.25E-04	0.00E+00	3.38E-06	2.27E-06	1.31E-04
1888	494611.06, 3859251.99	0.06488	0.10255	0.03962	0.02606	2.76E-04	0.00E+00	3.37E-06	2.24E-06	2.82E-04	1.30E-04	3.23E-03	2.53E-04	8.23E-05	3.70E-03	1.24E-04	0.00E+00	3.37E-06	2.24E-06	1.30E-04
1889	494661.06, 3859251.99	0.06447	0.10132	0.03947	0.02583	2.75E-04	0.00E+00	3.36E-06	2.22E-06	2.80E-04	1.29E-04	3.19E-03	2.52E-04	8.16E-05	3.65E-03	1.23E-04	0.00E+00	3.36E-06	2.22E-06	1.29E-04
1890	494711.06, 3859251.99	0.0639	0.09971	0.03931	0.02557	2.72E-04	0.00E+00	3.34E-06	2.20E-06	2.78E-04	1.28E-04	3.14E-03	2.51E-04	8.07E-05	3.60E-03	1.22E-04	0.00E+00	3.34E-06	2.20E-06	1.28E-04
1891	494761.06, 3859251.99	0.06248	0.09583	0.03901	0.02514	2.66E-04	0.00E+00	3.32E-06	2.16E-06	2.72E-04	1.25E-04	3.02E-03	2.49E-04	7.94E-05	3.47E-03	1.19E-04	0.00E+00	3.32E-06	2.16E-06	1.25E-04
1892	494811.06, 3859251.99	0.06218	0.09529	0.0388	0.0249	2.65E-04	0.00E+00	3.30E-06	2.14E-06	2.70E-04	1.25E-04	3.00E-03	2.47E-04	7.86E-05	3.45E-03	1.19E-04	0.00E+00	3.30E-06	2.14E-06	1.24E-04
1893	494861.06, 3859251.99	0.06088	0.09197	0.03846	0.02452	2.59E-04	0.00E+00	3.27E-06	2.11E-06	2.65E-04	1.22E-04	2.90E-03	2.45E-04	7.74E-05	3.34E-03	1.16E-04	0.00E+00	3.27E-06	2.11E-06	1.22E-04
1894	494911.06, 3859251.99	0.05944	0.08929	0.03778	0.024	2.53E-04	0.00E+00	3.21E-06	2.07E-06	2.58E-04	1.19E-04	2.81E-03	2.41E-04	7.58E-05	3.25E-03	1.14E-04	0.00E+00	3.21E-06	2.07E-06	1.19E-04
1895	494961.06, 3859251.99	0.05876	0.08778	0.03747	0.02373	2.50E-04	0.00E+00	3.19E-06	2.04E-06	2.55E-04	1.18E-04	2.77E-03	2.39E-04	7.49E-05	3.20E-03	1.12E-04	0.00E+00	3.19E-06	2.04E-06	1.17E-04
1896	495011.06, 3859251.99	0.05791	0.08602	0.03707	0.02341	2.47E-04	0.00E+00	3.15E-06	2.02E-06	2.52E-04	1.16E-04	2.71E-03	2.36E-04	7.39E-05	3.14E-03	1.11E-04	0.00E+00	3.15E-06	2.02E-06	1.16E-04
1897	495061.06, 3859251.99	0.05799	0.08584	0.03709	0.02331	2.47E-04	0.00E+00	3.15E-06	2.01E-06	2.52E-04	1.16E-04	2.70E-03	2.37E-04	7.36E-05	3.13E-03	1.11E-04	0.00E+00	3.15E-06	2.01E-06	1.16E-04
1898	495111.06, 3859251.99	0.05768	0.08502	0.03693	0.02312	2.46E-04	0.00E+00	3.14E-06	1.99E-06	2.51E-04	1.16E-04	2.68E-03	2.36E-04	7.30E-05	3.10E-03	1.10E-04	0.00E+00	3.14E-06	1.99E-06	1.15E-04
1899	495161.06, 3859251.99	0.05756	0.0845	0.03686	0.02298	2.45E-04	0.00E+00	3.13E-06	1.98E-06	2.50E-04	1.16E-04	2.66E-03	2.35E-04	7.26E-05	3.09E-03	1.10E-04	0.00E+00	3.13E-06	1.98E-06	1.15E-04
1900	495211.06, 3859251.99	0.05721	0.08361	0.03669	0.02279	2.44E-04	0.00E+00	3.12E-06	1.96E-06	2.49E-04	1.15E-04	2.63E-03	2.34E-04	7.20E-05	3.05E-03	1.09E-04	0.00E+00	3.12E-06	1.96E-06	1.14E-04
1901	495261.06, 3859251.99	0.05724	0.08306	0.03683	0.02273	2.44E-04	0.00E+00	3.13E-06	1.96E-06	2.49E-04	1.15E-04	2.62E-03	2.35E-04	7.18E-05	3.04E-03	1.09E-04	0.00E+00	3.13E-06	1.96E-06	1.14E-04
1902	495311.06, 3859251.99	0.05716	0.08293	0.03665	0.02255	2.43E-04	0.00E+00	3.12E-06	1.94E-06	2.48E-04	1.15E-04	2.61E-03	2.34E-04	7.12E-05	3.03E-03	1.09E-04	0.00E+00	3.12E-06	1.94E-06	1.14E-04
1903	495361.06, 3859251.99	0.05699	0.08233	0.03656	0.0224	2.43E-04	0.00E+00	3.11E-06	1.93E-06	2.48E-04	1.14E-04	2.59E-03	2.33E-04	7.07E-05	3.01E-03	1.09E-04	0.00E+00	3.11E-06	1.93E-06	1.14E-04
1904	495411.06, 3859251.99	0.05713	0.08228	0.03662	0.02232	2.43E-04	0.00E+00	3.11E-06	1.92E-06	2.48E-04	1.15E-04	2.59E-03	2.34E-04	7.05E-05	3.01E-03	1.09E-04	0.00E+00	3.11E-06	1.92E-06	1.14E-04
1905	495461.06, 3859251.99	0.05692	0.08164	0.03652	0.02216	2.42E-04	0.00E+00	3.11E-06	1.91E-06	2.47E-04	1.14E-04	2.57E-03	2.33E-04	7.00E-05	2.99E-03	1.09E-04	0.00E+00	3.11E-06	1.91E-06	1.14E-04
1906	495511.06, 3859251.99	0.05634	0.08035	0.03625	0.02192	2.40E-04	0.00E+00	3.08E-06	1.89E-06	2.45E-04	1.13E-04	2.53E-03	2.31E-04	6.92E-05	2.94E-03	1.08E-04	0.00E+00	3.08E-06	1.89E-06	1.13E-04
1907	495561.06, 3859251.99	0.05604	0.07956	0.03611	0.02175	2.39E-04	0.00E+00	3.07E-06	1.87E-06	2.44E-04	1.13E-04	2.51E-03	2.30E-04	6.87E-05	2.92E-03	1.07E-04	0.00E+00	3.07E-06	1.87E-06	1.12E-04
1908	495611.06, 3859251.99	0.05554	0.07844	0.03586	0.02154	2.37E-04	0.00E+00	3.05E-06	1.85E-06	2.41E-04	1.12E-04	2.47E-03	2.29E-04	6.80E-05	2.88E-03	1.06E-04	0.00E+00	3.05E-06	1.85E-06	1.11E-04
1909	495661.06, 3859251.99	0.05524	0.07766	0.03572	0.02137	2.35E-04	0.00E+00	3.04E-06	1.84E-06	2.40E-04	1.11E-04	2.45E-03	2.28E-04	6.75E-05	2.85E-03	1.06E-04	0.00E+00	3.04E-06	1.84E-06	1.10E-04
1910	494311.06, 3859301.99	0.06821	0.11778	0.03881	0.02749	2.90E-04	0.00E+00	3.30E-06	2.37E-06	2.96E-04	1.37E-04	3.71E-03	2.48E-04	8.68E-05	4.18E-03	1.30E-04	0.00E+00	3.30E-06	2.37E-06	1.36E-04
1911	494361.06, 3859301.99	0.06772	0.11575	0.0388	0.02725	2.88E-04	0.00E+00	3.30E-06	2.35E-06	2.94E-04	1.36E-04	3.65E-03	2.47E-04	8.60E-05	4.12E-03	1.29E-04	0.00E+00	3.30E-06	2.35E-06	1.35E-04
1912	494411.06, 3859301.99	0.06709	0.11325	0.03882	0.02698	2.86E-04	0.00E+00	3.30E-06	2.32E-06	2.91E-04	1.35E-04	3.57E-03	2.48E-04	8.52E-05	4.03E-03	1.28E-04	0.00E+00	3.30E-06	2.32E-06	1.34E-04
1913	494461.06, 3859301.99	0.06643	0.11079	0.03881	0.02671	2.83E-04	0.00E+00	3.30E-06	2.30E-06	2.89E-04	1.33E-04	3.49E-03	2.48E-04	8.43E-05	3.96E-03	1.27E-04	0.00E+00	3.30E-06	2.30E-06	1.32E-04
1914	494511.06, 3859301.99	0.06583	0.10864	0.03875	0.02644	2.80E-04	0.00E+00	3.30E-06	2.28E-06	2.86E-04	1.32E-04	3.42E-03	2.47E-04	8.35E-05	3.89E-03	1.26E-04	0.00E+00	3.30E-06	2.28E-06	1.31E-04
1915	494561.06, 3859301.99	0.06533	0.10692	0.03865	0.02619	2.78E-04	0.00E+00	3.29E-06	2.26E-06	2.84E-04	1.31E-04	3.37E-03	2.47E-04	8.27E-05	3.83E-03	1.25E-04	0.00E+00	3.29E-06	2.26E-06	1.30E-04
1916	494611.06, 3859301.99	0.06476	0.10506	0.03854	0.02593	2.76E-04	0.00E+00	3.28E-06	2.23E-06	2.81E-04	1.30E-04	3.31E-03	2.46E-04	8.19E-05	3.77E-03	1.24E-04	0.00E+00	3.28E-06	2.23E-06	1.29E-04
1917	494661.06, 3859301.99	0.06419	0.10325	0.03842	0.02567	2.73E-04	0.00E+00	3.27E-06	2.21E-06	2.79E-04	1.29E-04	3.25E-03	2.45E-04	8.10E-05	3.71E-03	1.23E-04	0.00E+00	3.27E-06	2.21E-06	1.28E-04
1918	494711.06, 3859301.99	0.06349	0.10113	0.03827	0.02538	2.70E-04	0.00E+00	3.25E-06	2.19E-06	2.76E-04	1.28E-04	3.19E-03	2.44E-04	8.01E-05	3.64E-03	1.21E-04	0.00E+00	3.25E-06	2.19E-06	1.27E-04
1919	494761.06, 3859301.99	0.06285	0.09926	0.03811	0.0251	2.68E-04	0.00E+00	3.24E-06	2.16E-06	2.73E-04	1.26E-04	3.13E-03	2.43E-04	7.93E-05	3.58E-03	1.20E-04	0.00E+00	3.24E-06	2.16E-06	1.25E-04
1920	494811.06, 3859301.99	0.0619	0.09671	0.03787	0.02475	2.64E-04	0.00E+00	3.22E-06	2.13E-06	2.69E-04	1.24E-04	3.05E-03	2.42E-04	7.81E-05	3.49E-03	1.18E-04	0.00E+00	3.22E-06	2.13E-06	1.24E-04
1921	494861.06, 3859301.99	0.06051	0.09336	0.03745	0.0243	2.58E-04	0.00E+00	3.19E-06	2.09E-06	2.63E-04	1.22E-04	2.94E-03	2.39E-04	7.67E-05	3.38E-03	1.16E-04	0.00E+00	3.19E-06	2.09E-06	1.21E-04
1922	494911.06, 3859301.99	0.0598	0.09163	0.03717	0.02401	2.55E-04	0.00E+00	3.16E-06	2.07E-06	2.60E-04	1.20E-04	2.89E-03	2.37E-04	7.58E-05	3.32E-03	1.14E-04	0.00E+00	3.16E-06	2.07E-06	1.19E-04
1923	494961.06, 3859301.99	0.05835	0.08836	0.03663	0.02357	2.48E-04	0.00E+00	3.12E-06	2.03E-06	2.54E-04	1.17E-04	2.78E-03	2.34E-04	7.44E-05	3.21E-03	1.11E-04	0.00E+00	3.12E-06	2.03E-06	1.17E-04
1924	495011.06, 3859301.99	0.05781	0.08708	0.03638	0.02333	2.46E-04	0.00E+00	3.09E-06	2.01E-06	2.51E-04	1.16E-04	2.74E-03	2.32E-04	7.37E-05	3.16E-03	1.10E-04	0.00E+00	3.09E-06	2.01E-06	1.16E-04
1925	495061.06, 3859301.99	0.05857	0.08809	0.03669	0.02342	2.49E-04	0.00E+00	3.12E-06	2.02E-06	2.55E-04	1.18E-04	2.77E-03	2.34E-04	7.39E-05	3.20E-03	1.12E-04	0.00E+00	3.12E-06	2.02E-06	1.17E-04
1926	495111.06, 3859301.99	0.05773	0.08636	0.03628	0.02308	2.46E-04	0.00E+00	3.09E-06	1.99E-06	2.51E-04	1.16E-04	2.72E-03	2.31E-04	7.29E-05	3.14E-03	1.10E-04	0.00E+00	3.09E-06	1.99E-06	1.15E-04
1927	495161.06, 3859301.99	0.05756	0.08597	0.03612	0.0229	2.45E-04	0.00E+00	3.07E-06	1.97E-06	2.50E-04	1.16E-04	2.71E-03	2.30E-04	7.23E-05	3.13E-03	1.10E-04	0.00E+00	3.07E-06	1.97E-06	1.15E-04
1928	495211.06, 3859301.99	0.05775	0.08606	0.03617	0.02284	2.46E-04	0.00E+00	3.08E-06	1.97E-06	2.51E-04	1.16E-04	2.71E-03	2.31E-04	7.21E-05	3.13E-03	1.10E-04	0.00E+00	3.08E-06	1.97E-06	1.15E-04
1929	495261.06, 3859301.99	0.05773	0.08576	0.03613	0.02272	2.46E-04	0.00E+00	3.07E-06	1.96E-06	2.51E-04	1.16E-04	2.70E-03	2.30E-04	7.17E-05	3.12E-03	1.10E-04	0.00E+00	3.07E-06	1.96E-06	1.15E-04
1930	495311.06, 3859301.99	0.05723	0.08454	0.03591	0.02249	2.44E-04	0.00E+00	3.05E-06	1.94E-06	2.49E-04	1.15E-04	2.66E-03	2.29E-04	7.10E-05	3.08E-03	1.09E-04	0.00E+00	3.05E-06	1.94E-06	1.14E-04
1931	495361.06, 3859301.99	0.05728	0.08437	0.03591	0.0224	2.44E-04	0.00E+00	3.05E-06	1.93E-06	2.49E-04	1.15E-04	2.66E-03	2.29E-04	7.07E-05	3.07E-03	1.09E-04	0.00E+00	3.05E-06	1.93E-06	1.14E-04
1932	495411.06, 3859301.99	0.05715	0.08387	0.03584	0.02226	2.43E-04	0.00E+00	3.05E-06	1.92E-06	2.48E-04	1.15E-04	2.64E-03	2.29E-04	7.03E-05	3.06E-03	1.09E-04	0.00E+00	3.05E-06	1.92E-06	1.14E-04
1933	495461.06, 3859301.99	0.05708	0.08348	0.03579	0.02214	2.43E-04	0.00E+00	3.04E-06	1.91E-06	2.48E-04	1.15E-04	2.63E-03	2.28E-04	6.99E-05	3.04E-03	1.09E-04	0.00E+00	3.04E-06	1.91E-06	1.14E-04
1934	495511.06, 3859301.99	0.05664	0.08239	0.0356	0.02193	2.41E-04	0.00E+00	3.03E-06	1.89E-06	2.46E-04	1.14E-04	2.60E-03	2.27E-04	6.92E-05	3.01E-03	1.08E-04	0.00E+00	3.03E-06	1.89E-06	1.13E-04
1935	495561.06, 3859301.99	0.0559	0.08076	0.03528	0.02166	2.38E-04	0.00E+00	3.00E-06	1.87E-06	2.43E-04	1.12E-04	2.54E-03	2.25E-04	6.84E-05	2.95E-03	1.07E-04	0.00E+00	3.00E-06	1.87E-06	1.12E-04
1936	495611.06, 3859301.99	0.05561	0.07997	0.03514	0.02149	2.37E-04	0.00E+00	2.99E-06	1.85E-06	2.42E-04	1.12E-04	2.52E-03	2.24E-04	6.79E-05	2.92E-03	1.06E-04	0.00E+00	2.99E-06	1.85E-06	1.11E-04
1937	495661.06, 3859301.99	0.05531	0.07917	0.035	0.02132	2.36E-04	0.00E+00	2.98E-06	1.84E-06	2.40E-04	1.11E-04	2.49E-03	2.23E-04	6.73E-05	2.90E-03	1.06E-04	0.00E+00	2.98E-06	1.84E-06	1.10E-04
1938	494311.06, 3859351.99	0.06752	0.11997	0.03749	0.02715	2.88E-04	0.00E+00	3.19E-06	2.34E-06	2.93E-04	1.36E-04	3.78E-03	2.39E-04	8.57E-05	4.24E-03	1.29E-04	0.00E+00	3.19E-06	2.34E-06	1.34E-04
1939	494361.06, 3859351.99	0.06707	0.11789	0.03752	0.02693	2.86E-04	0.00E+00	3.19E-06	2.32E-06	2.91E-04	1.35E-04	3.71E-03	2.39E-04	8.50E-05	4.17E-03	1.28E-04	0.00E+00	3.19E-06	2.32E-06	1.34E-04
1940	494411.06, 3859351.99	0.06645	0.11509	0.03763	0.02667	2.83E-04	0.00E+00	3.20E-06	2.30E-06	2.88E-04	1.33E-04	3.63E-03	2.40E-04	8.42E-05	4.08E-03	1.27E-04	0.00E+00	3.20E-06	2.30E-06	1.32E-04
1941	494461.06, 3859351.99	0.06588	0.11273	0.03766	0.02642	2.81E-04	0.00E+00	3.20E-06	2.28E-06	2.86E-04	1.32E-04	3.55E-03	2.40E-04	8.34E-05	4.01E-03	1.26E-04	0.00E+00	3.20E-06	2.28E-06	1.31E-04
1942	494511.06, 3859351.99	0.06535	0.11064	0.03763	0.02618	2.78E-04	0.00E+00	3.20E-06	2.25E-06	2.84E-04	1.31E-04	3.49E-03	2.40E-04	8.27E-05	3.94E-03	1.25E-04	0.00E+00	3.20E-06	2.25E-06	1.30E-04
1943	494561.06, 3859351.99	0.06494	0.10905	0.03755	0.02595	2.77E-04	0.00E+00	3.19E-06	2.23E-06	2.82E-04	1.30E-04	3.44E-03	2.40E-04	8.19E-05	3.89E-03	1.24E-04	0.00E+00	3.19E-06	2.23E-06	1.29E-04

1944	494611.06, 3859351.99	0.06444	0.10725	0.03748	0.02572	2.74E-04	0.00E+00	3.19E-06	2.21E-06	2.80E-04	1.29E-04	3.38E-03	2.39E-04	8.12E-05	3.83E-03	1.23E-04	0.00E+00	3.19E-06	2.21E-06	1.28E-04
1945	494661.06, 3859351.99	0.06391	0.10536	0.0374	0.02547	2.72E-04	0.00E+00	3.18E-06	2.19E-06	2.78E-04	1.28E-04	3.32E-03	2.39E-04	8.04E-05	3.77E-03	1.22E-04	0.00E+00	3.18E-06	2.19E-06	1.27E-04
1946	494711.06, 3859351.99	0.06321	0.10304	0.03732	0.02519	2.69E-04	0.00E+00	3.17E-06	2.17E-06	2.75E-04	1.27E-04	3.25E-03	2.38E-04	7.95E-05	3.69E-03	1.21E-04	0.00E+00	3.17E-06	2.17E-06	1.26E-04
1947	494761.06, 3859351.99	0.06237	0.10009	0.03724	0.02491	2.66E-04	0.00E+00	3.17E-06	2.15E-06	2.71E-04	1.25E-04	3.15E-03	2.38E-04	7.87E-05	3.59E-03	1.19E-04	0.00E+00	3.17E-06	2.15E-06	1.24E-04
1948	494811.06, 3859351.99	0.06095	0.09651	0.03693	0.02442	2.60E-04	0.00E+00	3.14E-06	2.10E-06	2.65E-04	1.22E-04	3.04E-03	2.36E-04	7.71E-05	3.48E-03	1.16E-04	0.00E+00	3.14E-06	2.10E-06	1.22E-04
1949	494861.06, 3859351.99	0.06041	0.09501	0.03672	0.02417	2.57E-04	0.00E+00	3.12E-06	2.08E-06	2.62E-04	1.21E-04	2.99E-03	2.34E-04	7.63E-05	3.42E-03	1.15E-04	0.00E+00	3.12E-06	2.08E-06	1.21E-04
1950	494911.06, 3859351.99	0.06004	0.09395	0.03655	0.02396	2.56E-04	0.00E+00	3.11E-06	2.06E-06	2.61E-04	1.21E-04	2.96E-03	2.33E-04	7.57E-05	3.39E-03	1.15E-04	0.00E+00	3.11E-06	2.06E-06	1.20E-04
1951	494961.06, 3859351.99	0.0594	0.09231	0.0363	0.02369	2.53E-04	0.00E+00	3.09E-06	2.04E-06	2.58E-04	1.19E-04	2.91E-03	2.32E-04	7.48E-05	3.33E-03	1.13E-04	0.00E+00	3.09E-06	2.04E-06	1.19E-04
1952	495011.06, 3859351.99	0.05893	0.09102	0.0361	0.02346	2.51E-04	0.00E+00	3.07E-06	2.02E-06	2.56E-04	1.18E-04	2.87E-03	2.30E-04	7.41E-05	3.29E-03	1.13E-04	0.00E+00	3.07E-06	2.02E-06	1.18E-04
1953	495061.06, 3859351.99	0.05919	0.09139	0.0361	0.02342	2.52E-04	0.00E+00	3.07E-06	2.02E-06	2.57E-04	1.19E-04	2.88E-03	2.30E-04	7.39E-05	3.30E-03	1.13E-04	0.00E+00	3.07E-06	2.02E-06	1.18E-04
1954	495111.06, 3859351.99	0.05868	0.09003	0.03589	0.02318	2.50E-04	0.00E+00	3.05E-06	2.00E-06	2.55E-04	1.18E-04	2.84E-03	2.29E-04	7.32E-05	3.26E-03	1.12E-04	0.00E+00	3.05E-06	2.00E-06	1.17E-04
1955	495161.06, 3859351.99	0.05843	0.08929	0.03575	0.02301	2.49E-04	0.00E+00	3.04E-06	1.98E-06	2.54E-04	1.17E-04	2.81E-03	2.28E-04	7.27E-05	3.23E-03	1.12E-04	0.00E+00	3.04E-06	1.98E-06	1.17E-04
1956	495211.06, 3859351.99	0.05816	0.08848	0.03561	0.02284	2.48E-04	0.00E+00	3.03E-06	1.97E-06	2.53E-04	1.17E-04	2.79E-03	2.27E-04	7.21E-05	3.20E-03	1.11E-04	0.00E+00	3.03E-06	1.97E-06	1.16E-04
1957	495261.06, 3859351.99	0.05808	0.0881	0.03554	0.02272	2.47E-04	0.00E+00	3.02E-06	1.96E-06	2.52E-04	1.17E-04	2.78E-03	2.27E-04	7.17E-05	3.19E-03	1.11E-04	0.00E+00	3.02E-06	1.96E-06	1.16E-04
1958	495311.06, 3859351.99	0.05766	0.08698	0.03536	0.02251	2.46E-04	0.00E+00	3.01E-06	1.94E-06	2.50E-04	1.16E-04	2.74E-03	2.26E-04	7.11E-05	3.15E-03	1.10E-04	0.00E+00	3.01E-06	1.94E-06	1.15E-04
1959	495361.06, 3859351.99	0.05742	0.08627	0.03524	0.02235	2.45E-04	0.00E+00	3.00E-06	1.92E-06	2.49E-04	1.15E-04	2.72E-03	2.25E-04	7.06E-05	3.13E-03	1.10E-04	0.00E+00	3.00E-06	1.92E-06	1.15E-04
1960	495411.06, 3859351.99	0.05733	0.08584	0.03517	0.02222	2.44E-04	0.00E+00	2.99E-06	1.91E-06	2.49E-04	1.15E-04	2.70E-03	2.24E-04	7.02E-05	3.11E-03	1.09E-04	0.00E+00	2.99E-06	1.91E-06	1.14E-04
1961	495461.06, 3859351.99	0.05732	0.08561	0.03513	0.02212	2.44E-04	0.00E+00	2.99E-06	1.90E-06	2.49E-04	1.15E-04	2.70E-03	2.24E-04	6.98E-05	3.11E-03	1.09E-04	0.00E+00	2.99E-06	1.90E-06	1.14E-04
1962	495511.06, 3859351.99	0.05673	0.08414	0.0349	0.02188	2.42E-04	0.00E+00	2.97E-06	1.88E-06	2.46E-04	1.14E-04	2.65E-03	2.23E-04	6.91E-05	3.06E-03	1.08E-04	0.00E+00	2.97E-06	1.88E-06	1.13E-04
1963	495561.06, 3859351.99	0.05629	0.08302	0.03471	0.02168	2.40E-04	0.00E+00	2.95E-06	1.87E-06	2.45E-04	1.13E-04	2.62E-03	2.21E-04	6.85E-05	3.02E-03	1.08E-04	0.00E+00	2.95E-06	1.87E-06	1.12E-04
1964	495611.06, 3859351.99	0.056	0.0822	0.03458	0.02151	2.38E-04	0.00E+00	2.94E-06	1.85E-06	2.43E-04	1.12E-04	2.59E-03	2.21E-04	6.79E-05	2.99E-03	1.07E-04	0.00E+00	2.94E-06	1.85E-06	1.12E-04
1965	495661.06, 3859351.99	0.05539	0.08077	0.03433	0.02127	2.36E-04	0.00E+00	2.92E-06	1.83E-06	2.41E-04	1.11E-04	2.54E-03	2.19E-04	6.72E-05	2.94E-03	1.06E-04	0.00E+00	2.92E-06	1.83E-06	1.11E-04
1966	494311.06, 3859401.99	0.06688	0.1228	0.03605	0.02677	2.85E-04	0.00E+00	3.07E-06	2.31E-06	2.90E-04	1.34E-04	3.87E-03	2.30E-04	8.45E-05	4.32E-03	1.28E-04	0.00E+00	3.07E-06	2.31E-06	1.33E-04
1967	494361.06, 3859401.99	0.06634	0.11987	0.03625	0.02655	2.83E-04	0.00E+00	3.08E-06	2.29E-06	2.88E-04	1.33E-04	3.78E-03	2.31E-04	8.38E-05	4.22E-03	1.27E-04	0.00E+00	3.08E-06	2.29E-06	1.32E-04
1968	494411.06, 3859401.99	0.06575	0.11694	0.03644	0.02632	2.80E-04	0.00E+00	3.10E-06	2.27E-06	2.85E-04	1.32E-04	3.68E-03	2.32E-04	8.31E-05	4.13E-03	1.26E-04	0.00E+00	3.10E-06	2.27E-06	1.31E-04
1969	494461.06, 3859401.99	0.06528	0.11474	0.03649	0.0261	2.78E-04	0.00E+00	3.10E-06	2.25E-06	2.83E-04	1.31E-04	3.61E-03	2.33E-04	8.24E-05	4.06E-03	1.25E-04	0.00E+00	3.10E-06	2.25E-06	1.30E-04
1970	494511.06, 3859401.99	0.06494	0.11324	0.03644	0.02589	2.77E-04	0.00E+00	3.10E-06	2.23E-06	2.82E-04	1.30E-04	3.57E-03	2.32E-04	8.17E-05	4.01E-03	1.24E-04	0.00E+00	3.10E-06	2.23E-06	1.29E-04
1971	494561.06, 3859401.99	0.06453	0.11149	0.03641	0.02568	2.75E-04	0.00E+00	3.10E-06	2.21E-06	2.80E-04	1.30E-04	3.51E-03	2.32E-04	8.11E-05	3.95E-03	1.23E-04	0.00E+00	3.10E-06	2.21E-06	1.29E-04
1972	494611.06, 3859401.99	0.06402	0.10937	0.03642	0.02544	2.73E-04	0.00E+00	3.10E-06	2.19E-06	2.78E-04	1.29E-04	3.45E-03	2.32E-04	8.03E-05	3.89E-03	1.22E-04	0.00E+00	3.10E-06	2.19E-06	1.28E-04
1973	494661.06, 3859401.99	0.06363	0.10784	0.03635	0.02523	2.71E-04	0.00E+00	3.09E-06	2.17E-06	2.76E-04	1.28E-04	3.40E-03	2.32E-04	7.97E-05	3.84E-03	1.22E-04	0.00E+00	3.09E-06	2.17E-06	1.27E-04
1974	494711.06, 3859401.99	0.06316	0.10603	0.03629	0.02501	2.69E-04	0.00E+00	3.09E-06	2.15E-06	2.74E-04	1.27E-04	3.34E-03	2.31E-04	7.90E-05	3.78E-03	1.21E-04	0.00E+00	3.09E-06	2.15E-06	1.26E-04
1975	494761.06, 3859401.99	0.06235	0.1028	0.03636	0.02477	2.66E-04	0.00E+00	3.09E-06	2.13E-06	2.71E-04	1.25E-04	3.24E-03	2.32E-04	7.82E-05	3.67E-03	1.19E-04	0.00E+00	3.09E-06	2.13E-06	1.24E-04
1976	494811.06, 3859401.99	0.06154	0.10047	0.03622	0.02442	2.62E-04	0.00E+00	3.08E-06	2.10E-06	2.67E-04	1.24E-04	3.16E-03	2.31E-04	7.71E-05	3.60E-03	1.18E-04	0.00E+00	3.08E-06	2.10E-06	1.23E-04
1977	494861.06, 3859401.99	0.06059	0.09759	0.03607	0.02408	2.58E-04	0.00E+00	3.07E-06	2.07E-06	2.63E-04	1.22E-04	3.07E-03	2.30E-04	7.60E-05	3.50E-03	1.16E-04	0.00E+00	3.07E-06	2.07E-06	1.21E-04
1978	494911.06, 3859401.99	0.06002	0.0956	0.03593	0.02386	2.56E-04	0.00E+00	3.06E-06	2.05E-06	2.61E-04	1.21E-04	3.01E-03	2.29E-04	7.53E-05	3.44E-03	1.15E-04	0.00E+00	3.06E-06	2.05E-06	1.20E-04
1979	494961.06, 3859401.99	0.05962	0.0947	0.03572	0.02362	2.54E-04	0.00E+00	3.04E-06	2.03E-06	2.59E-04	1.20E-04	2.98E-03	2.28E-04	7.46E-05	3.41E-03	1.14E-04	0.00E+00	3.04E-06	2.03E-06	1.19E-04
1980	495011.06, 3859401.99	0.05938	0.09391	0.03557	0.02345	2.53E-04	0.00E+00	3.03E-06	2.02E-06	2.58E-04	1.19E-04	2.96E-03	2.27E-04	7.40E-05	3.38E-03	1.13E-04	0.00E+00	3.03E-06	2.02E-06	1.18E-04
1981	495061.06, 3859401.99	0.05931	0.09325	0.03551	0.02336	2.53E-04	0.00E+00	3.02E-06	2.01E-06	2.58E-04	1.19E-04	2.94E-03	2.27E-04	7.38E-05	3.36E-03	1.13E-04	0.00E+00	3.02E-06	2.01E-06	1.18E-04
1982	495111.06, 3859401.99	0.05877	0.09172	0.03531	0.02312	2.50E-04	0.00E+00	3.00E-06	1.99E-06	2.55E-04	1.18E-04	2.89E-03	2.25E-04	7.30E-05	3.31E-03	1.12E-04	0.00E+00	3.00E-06	1.99E-06	1.17E-04
1983	495161.06, 3859401.99	0.05853	0.09129	0.03512	0.02292	2.49E-04	0.00E+00	2.99E-06	1.97E-06	2.54E-04	1.18E-04	2.88E-03	2.24E-04	7.24E-05	3.29E-03	1.12E-04	0.00E+00	2.99E-06	1.97E-06	1.17E-04
1984	495211.06, 3859401.99	0.05845	0.09094	0.03502	0.0228	2.49E-04	0.00E+00	2.98E-06	1.96E-06	2.54E-04	1.17E-04	2.86E-03	2.23E-04	7.20E-05	3.28E-03	1.12E-04	0.00E+00	2.98E-06	1.96E-06	1.17E-04
1985	495261.06, 3859401.99	0.05819	0.09014	0.03489	0.02263	2.48E-04	0.00E+00	2.97E-06	1.95E-06	2.53E-04	1.17E-04	2.84E-03	2.23E-04	7.15E-05	3.25E-03	1.11E-04	0.00E+00	2.97E-06	1.95E-06	1.16E-04
1986	495311.06, 3859401.99	0.05789	0.08925	0.03475	0.02246	2.47E-04	0.00E+00	2.96E-06	1.93E-06	2.51E-04	1.16E-04	2.81E-03	2.22E-04	7.09E-05	3.22E-03	1.11E-04	0.00E+00	2.96E-06	1.93E-06	1.15E-04
1987	495361.06, 3859401.99	0.05788	0.08905	0.03467	0.02236	2.46E-04	0.00E+00	2.95E-06	1.93E-06	2.51E-04	1.16E-04	2.81E-03	2.21E-04	7.06E-05	3.21E-03	1.11E-04	0.00E+00	2.95E-06	1.93E-06	1.15E-04
1988	495411.06, 3859401.99	0.05769	0.08844	0.03456	0.02221	2.46E-04	0.00E+00	2.94E-06	1.91E-06	2.51E-04	1.16E-04	2.79E-03	2.20E-04	7.01E-05	3.19E-03	1.10E-04	0.00E+00	2.94E-06	1.91E-06	1.15E-04
1989	495461.06, 3859401.99	0.05733	0.0874	0.03442	0.02203	2.44E-04	0.00E+00	2.93E-06	1.90E-06	2.49E-04	1.15E-04	2.75E-03	2.20E-04	6.96E-05	3.16E-03	1.09E-04	0.00E+00	2.93E-06	1.90E-06	1.14E-04
1990	495511.06, 3859401.99	0.05679	0.08595	0.03423	0.0218	2.42E-04	0.00E+00	2.91E-06	1.88E-06	2.47E-04	1.14E-04	2.71E-03	2.18E-04	6.88E-05	3.11E-03	1.08E-04	0.00E+00	2.91E-06	1.88E-06	1.13E-04
1991	495561.06, 3859401.99	0.05614	0.0843	0.034	0.02155	2.39E-04	0.00E+00	2.89E-06	1.86E-06	2.44E-04	1.13E-04	2.66E-03	2.17E-04	6.80E-05	3.05E-03	1.07E-04	0.00E+00	2.89E-06	1.86E-06	1.12E-04
1992	495611.06, 3859401.99	0.05579	0.08334	0.03385	0.02137	2.38E-04	0.00E+00	2.88E-06	1.84E-06	2.42E-04	1.12E-04	2.63E-03	2.16E-04	6.75E-05	3.02E-03	1.07E-04	0.00E+00	2.88E-06	1.84E-06	1.11E-04
1993	495661.06, 3859401.99	0.05551	0.08253	0.03372	0.02121	2.36E-04	0.00E+00	2.87E-06	1.83E-06	2.41E-04	1.11E-04	2.60E-03	2.15E-04	6.70E-05	2.99E-03	1.06E-04	0.00E+00	2.87E-06	1.83E-06	1.11E-04
1994	494311.06, 3859451.99	0.066	0.12435	0.03478	0.02633	2.81E-04	0.00E+00	2.96E-06	2.27E-06	2.86E-04	1.33E-04	3.92E-03	2.22E-04	8.31E-05	4.35E-03	1.26E-04	0.00E+00	2.96E-06	2.27E-06	1.31E-04
1995	494361.06, 3859451.99	0.06554	0.12172	0.03498	0.02613	2.79E-04	0.00E+00	2.97E-06	2.25E-06	2.84E-04	1.32E-04	3.83E-03	2.23E-04	8.25E-05	4.27E-03	1.25E-04	0.00E+00	2.97E-06	2.25E-06	1.30E-04
1996	494411.06, 3859451.99	0.06489	0.11803	0.03534	0.02591	2.76E-04	0.00E+00	3.01E-06	2.23E-06	2.82E-04	1.30E-04	3.72E-03	2.25E-04	8.18E-05	4.16E-03	1.24E-04	0.00E+00	3.01E-06	2.23E-06	1.29E-04
1997	494461.06, 3859451.99	0.06462	0.11676	0.03528	0.02572	2.75E-04	0.00E+00	3.00E-06	2.21E-06	2.80E-04	1.30E-04	3.68E-03	2.25E-04	8.12E-05	4.11E-03	1.23E-04	0.00E+00	3.00E-06	2.21E-06	1.29E-04
1998	494511.06, 3859451.99	0.06419	0.11464	0.03535	0.02551	2.73E-04	0.00E+00	3.01E-06	2.20E-06	2.79E-04	1.29E-04	3.61E-03	2.25E-04	8.05E-05	4.05E-03	1.23E-04	0.00E+00	3.01E-06	2.20E-06	1.28E-04
1999	494561.06, 3859451.99	0.06383	0.11292	0.03535	0.02531	2.72E-04	0.00E+00	3.01E-06	2.18E-06	2.77E-04	1.28E-04	3.56E-03	2.25E-04	7.99E-05	3.99E-03	1.22E-04	0.00E+00	3.01E-06	2.18E-06	1.27E-04
2000	494611.06, 3859451.99	0.06359	0.11186	0.03525	0.02513	2.71E-04	0.00E+00	3.00E-06	2.16E-06	2.76E-04	1.28E-04	3.52E-03	2.25E-04	7.93E-05	3.96E-03	1.21E-04	0.00E+00	3.00E-06	2.16E-06	1.27E-04
2001	494661.06, 3859451.99	0.0631	0.10966	0.03531	0.02491	2.69E-04	0.00E+00	3.00E-06	2.15E-06	2.74E-04	1.27E-04	3.45E-03	2.25E-04	7.87E-05	3.88E-03	1.21E-04	0.00E+00	3.00E-06	2.15E-06	1.26E-04
2002	494711.06, 3859451.99	0.06258	0.10749	0.03534	0.02469	2.67E-04	0.00E+00	3.01E-06	2.13E-06	2.72E-04	1.26E-04	3.39E-03	2.25E-04	7.80E-05	3.82E-03	1.20E-04	0.00E+00	3.01E-06	2.13E-06	1.25E-04

2003	494761.06, 3859451.99	0.06214	0.10568	0.03531	0.02448	2.65E-04	0.00E+00	3.00E-06	2.11E-06	2.70E-04	1.25E-04	3.33E-03	2.25E-04	7.73E-05	3.76E-03	1.19E-04	0.00E+00	3.00E-06	2.11E-06	1.24E-04
2004	494811.06, 3859451.99	0.06144	0.10303	0.03533	0.02422	2.62E-04	0.00E+00	3.00E-06	2.09E-06	2.67E-04	1.23E-04	3.25E-03	2.25E-04	7.65E-05	3.67E-03	1.17E-04	0.00E+00	3.00E-06	2.09E-06	1.22E-04
2005	494861.06, 3859451.99	0.06083	0.10085	0.03527	0.02397	2.59E-04	0.00E+00	3.00E-06	2.06E-06	2.64E-04	1.22E-04	3.18E-03	2.25E-04	7.57E-05	3.60E-03	1.16E-04	0.00E+00	3.00E-06	2.06E-06	1.21E-04
2006	494911.06, 3859451.99	0.06035	0.0992	0.03517	0.02374	2.57E-04	0.00E+00	2.99E-06	2.04E-06	2.62E-04	1.21E-04	3.12E-03	2.24E-04	7.50E-05	3.55E-03	1.15E-04	0.00E+00	2.99E-06	2.04E-06	1.20E-04
2007	494961.06, 3859451.99	0.06006	0.09818	0.03503	0.02356	2.56E-04	0.00E+00	2.98E-06	2.03E-06	2.61E-04	1.21E-04	3.09E-03	2.23E-04	7.44E-05	3.51E-03	1.15E-04	0.00E+00	2.98E-06	2.03E-06	1.20E-04
2008	495011.06, 3859451.99	0.05968	0.09694	0.0349	0.02337	2.54E-04	0.00E+00	2.97E-06	2.01E-06	2.59E-04	1.20E-04	3.05E-03	2.23E-04	7.38E-05	3.47E-03	1.14E-04	0.00E+00	2.97E-06	2.01E-06	1.19E-04
2009	495061.06, 3859451.99	0.05931	0.09572	0.03477	0.02318	2.53E-04	0.00E+00	2.96E-06	2.00E-06	2.58E-04	1.19E-04	3.02E-03	2.22E-04	7.32E-05	3.43E-03	1.13E-04	0.00E+00	2.96E-06	2.00E-06	1.18E-04
2010	495111.06, 3859451.99	0.05892	0.09448	0.03463	0.02298	2.51E-04	0.00E+00	2.95E-06	1.98E-06	2.56E-04	1.18E-04	2.98E-03	2.21E-04	7.26E-05	3.39E-03	1.13E-04	0.00E+00	2.95E-06	1.98E-06	1.17E-04
2011	495161.06, 3859451.99	0.05874	0.09384	0.03449	0.02283	2.50E-04	0.00E+00	2.93E-06	1.97E-06	2.55E-04	1.18E-04	2.96E-03	2.20E-04	7.21E-05	3.37E-03	1.12E-04	0.00E+00	2.93E-06	1.97E-06	1.17E-04
2012	495211.06, 3859451.99	0.05861	0.09339	0.03436	0.0227	2.50E-04	0.00E+00	2.92E-06	1.95E-06	2.54E-04	1.18E-04	2.94E-03	2.19E-04	7.17E-05	3.35E-03	1.12E-04	0.00E+00	2.92E-06	1.95E-06	1.17E-04
2013	495261.06, 3859451.99	0.05846	0.09287	0.03424	0.02256	2.49E-04	0.00E+00	2.91E-06	1.94E-06	2.54E-04	1.17E-04	2.93E-03	2.18E-04	7.12E-05	3.33E-03	1.12E-04	0.00E+00	2.91E-06	1.94E-06	1.17E-04
2014	495311.06, 3859451.99	0.05815	0.0919	0.03411	0.02239	2.48E-04	0.00E+00	2.90E-06	1.93E-06	2.52E-04	1.17E-04	2.89E-03	2.18E-04	7.07E-05	3.30E-03	1.11E-04	0.00E+00	2.90E-06	1.93E-06	1.16E-04
2015	495361.06, 3859451.99	0.05791	0.09113	0.03398	0.02224	2.47E-04	0.00E+00	2.89E-06	1.92E-06	2.51E-04	1.16E-04	2.87E-03	2.17E-04	7.02E-05	3.27E-03	1.11E-04	0.00E+00	2.89E-06	1.92E-06	1.15E-04
2016	495411.06, 3859451.99	0.05759	0.09014	0.03386	0.02207	2.45E-04	0.00E+00	2.88E-06	1.90E-06	2.50E-04	1.16E-04	2.84E-03	2.16E-04	6.97E-05	3.24E-03	1.10E-04	0.00E+00	2.88E-06	1.90E-06	1.15E-04
2017	495461.06, 3859451.99	0.05734	0.08935	0.03374	0.02191	2.44E-04	0.00E+00	2.87E-06	1.89E-06	2.49E-04	1.15E-04	2.81E-03	2.15E-04	6.92E-05	3.21E-03	1.10E-04	0.00E+00	2.87E-06	1.89E-06	1.14E-04
2018	495511.06, 3859451.99	0.05674	0.08764	0.03357	0.02168	2.42E-04	0.00E+00	2.86E-06	1.87E-06	2.46E-04	1.14E-04	2.76E-03	2.14E-04	6.85E-05	3.16E-03	1.08E-04	0.00E+00	2.86E-06	1.87E-06	1.13E-04
2019	495561.06, 3859451.99	0.05636	0.08654	0.03343	0.02149	2.40E-04	0.00E+00	2.84E-06	1.85E-06	2.45E-04	1.13E-04	2.73E-03	2.13E-04	6.79E-05	3.12E-03	1.08E-04	0.00E+00	2.84E-06	1.85E-06	1.12E-04
2020	495611.06, 3859451.99	0.056	0.08548	0.03329	0.02131	2.38E-04	0.00E+00	2.83E-06	1.84E-06	2.43E-04	1.12E-04	2.69E-03	2.12E-04	6.73E-05	3.08E-03	1.07E-04	0.00E+00	2.83E-06	1.84E-06	1.12E-04
2021	495661.06, 3859451.99	0.05566	0.08451	0.03315	0.02114	2.37E-04	0.00E+00	2.82E-06	1.82E-06	2.42E-04	1.12E-04	2.66E-03	2.11E-04	6.67E-05	3.05E-03	1.06E-04	0.00E+00	2.82E-06	1.82E-06	1.11E-04
2022	494311.06, 3859501.99	0.06516	0.12636	0.03339	0.02585	2.77E-04	0.00E+00	2.84E-06	2.23E-06	2.83E-04	1.31E-04	3.98E-03	2.13E-04	8.16E-05	4.41E-03	1.24E-04	0.00E+00	2.84E-06	2.23E-06	1.30E-04
2023	494361.06, 3859501.99	0.06474	0.12367	0.03363	0.02568	2.76E-04	0.00E+00	2.86E-06	2.21E-06	2.81E-04	1.30E-04	3.90E-03	2.15E-04	8.11E-05	4.32E-03	1.24E-04	0.00E+00	2.86E-06	2.21E-06	1.29E-04
2024	494411.06, 3859501.99	0.06402	0.1192	0.03421	0.02548	2.73E-04	0.00E+00	2.91E-06	2.19E-06	2.78E-04	1.29E-04	3.75E-03	2.18E-04	8.04E-05	4.18E-03	1.22E-04	0.00E+00	2.91E-06	2.19E-06	1.27E-04
2025	494461.06, 3859501.99	0.06395	0.11899	0.03397	0.0253	2.72E-04	0.00E+00	2.89E-06	2.18E-06	2.77E-04	1.28E-04	3.75E-03	2.17E-04	7.99E-05	4.17E-03	1.22E-04	0.00E+00	2.89E-06	2.18E-06	1.27E-04
2026	494511.06, 3859501.99	0.06351	0.11654	0.03414	0.02511	2.70E-04	0.00E+00	2.90E-06	2.16E-06	2.76E-04	1.28E-04	3.67E-03	2.18E-04	7.93E-05	4.10E-03	1.21E-04	0.00E+00	2.90E-06	2.16E-06	1.26E-04
2027	494561.06, 3859501.99	0.06312	0.11451	0.03423	0.02492	2.69E-04	0.00E+00	2.91E-06	2.15E-06	2.74E-04	1.27E-04	3.61E-03	2.18E-04	7.87E-05	4.03E-03	1.21E-04	0.00E+00	2.91E-06	2.15E-06	1.26E-04
2028	494611.06, 3859501.99	0.06308	0.11445	0.03398	0.02476	2.69E-04	0.00E+00	2.89E-06	2.13E-06	2.74E-04	1.27E-04	3.61E-03	2.17E-04	7.82E-05	4.03E-03	1.20E-04	0.00E+00	2.89E-06	2.13E-06	1.26E-04
2029	494661.06, 3859501.99	0.06257	0.11186	0.03415	0.02456	2.66E-04	0.00E+00	2.90E-06	2.11E-06	2.71E-04	1.26E-04	3.52E-03	2.18E-04	7.75E-05	3.94E-03	1.20E-04	0.00E+00	2.90E-06	2.11E-06	1.25E-04
2030	494711.06, 3859501.99	0.06195	0.10887	0.03436	0.02434	2.64E-04	0.00E+00	2.92E-06	2.10E-06	2.69E-04	1.24E-04	3.43E-03	2.19E-04	7.69E-05	3.85E-03	1.18E-04	0.00E+00	2.92E-06	2.10E-06	1.23E-04
2031	494761.06, 3859501.99	0.0618	0.1082	0.03421	0.02418	2.63E-04	0.00E+00	2.91E-06	2.08E-06	2.68E-04	1.24E-04	3.41E-03	2.18E-04	7.63E-05	3.83E-03	1.18E-04	0.00E+00	2.91E-06	2.08E-06	1.23E-04
2032	494811.06, 3859501.99	0.06095	0.10456	0.03444	0.02391	2.60E-04	0.00E+00	2.93E-06	2.06E-06	2.65E-04	1.22E-04	3.29E-03	2.20E-04	7.55E-05	3.71E-03	1.16E-04	0.00E+00	2.93E-06	2.06E-06	1.21E-04
2033	494861.06, 3859501.99	0.06058	0.10304	0.03438	0.02371	2.58E-04	0.00E+00	2.92E-06	2.04E-06	2.63E-04	1.22E-04	3.25E-03	2.19E-04	7.49E-05	3.66E-03	1.16E-04	0.00E+00	2.92E-06	2.04E-06	1.21E-04
2034	494911.06, 3859501.99	0.06033	0.10206	0.03427	0.02354	2.57E-04	0.00E+00	2.91E-06	2.03E-06	2.62E-04	1.21E-04	3.21E-03	2.19E-04	7.43E-05	3.63E-03	1.15E-04	0.00E+00	2.91E-06	2.03E-06	1.20E-04
2035	494961.06, 3859501.99	0.05984	0.10022	0.03423	0.02333	2.55E-04	0.00E+00	2.91E-06	2.01E-06	2.60E-04	1.20E-04	3.16E-03	2.18E-04	7.37E-05	3.57E-03	1.14E-04	0.00E+00	2.91E-06	2.01E-06	1.19E-04
2036	495011.06, 3859501.99	0.0596	0.09932	0.0341	0.02317	2.54E-04	0.00E+00	2.90E-06	2.00E-06	2.59E-04	1.20E-04	3.13E-03	2.18E-04	7.32E-05	3.54E-03	1.14E-04	0.00E+00	2.90E-06	2.00E-06	1.19E-04
2037	495061.06, 3859501.99	0.05937	0.09846	0.03398	0.02301	2.53E-04	0.00E+00	2.89E-06	1.98E-06	2.58E-04	1.19E-04	3.10E-03	2.17E-04	7.27E-05	3.51E-03	1.13E-04	0.00E+00	2.89E-06	1.98E-06	1.18E-04
2038	495111.06, 3859501.99	0.05888	0.09675	0.0339	0.0228	2.51E-04	0.00E+00	2.88E-06	1.96E-06	2.56E-04	1.18E-04	3.05E-03	2.16E-04	7.20E-05	3.45E-03	1.12E-04	0.00E+00	2.88E-06	1.96E-06	1.17E-04
2039	495161.06, 3859501.99	0.05867	0.09598	0.03377	0.02264	2.50E-04	0.00E+00	2.87E-06	1.95E-06	2.55E-04	1.18E-04	3.02E-03	2.15E-04	7.15E-05	3.43E-03	1.12E-04	0.00E+00	2.87E-06	1.95E-06	1.17E-04
2040	495211.06, 3859501.99	0.05855	0.09557	0.03362	0.02252	2.49E-04	0.00E+00	2.86E-06	1.94E-06	2.54E-04	1.18E-04	3.01E-03	2.14E-04	7.11E-05	3.41E-03	1.12E-04	0.00E+00	2.86E-06	1.94E-06	1.17E-04
2041	495261.06, 3859501.99	0.05833	0.09479	0.0335	0.02237	2.48E-04	0.00E+00	2.85E-06	1.93E-06	2.53E-04	1.17E-04	2.99E-03	2.14E-04	7.06E-05	3.39E-03	1.11E-04	0.00E+00	2.85E-06	1.93E-06	1.16E-04
2042	495311.06, 3859501.99	0.05815	0.09417	0.03337	0.02223	2.48E-04	0.00E+00	2.84E-06	1.91E-06	2.52E-04	1.17E-04	2.97E-03	2.13E-04	7.02E-05	3.37E-03	1.11E-04	0.00E+00	2.84E-06	1.91E-06	1.16E-04
2043	495361.06, 3859501.99	0.05788	0.09326	0.03326	0.02207	2.46E-04	0.00E+00	2.83E-06	1.90E-06	2.51E-04	1.16E-04	2.94E-03	2.12E-04	6.97E-05	3.34E-03	1.11E-04	0.00E+00	2.83E-06	1.90E-06	1.15E-04
2044	495411.06, 3859501.99	0.05762	0.09248	0.03314	0.02192	2.45E-04	0.00E+00	2.82E-06	1.89E-06	2.50E-04	1.16E-04	2.91E-03	2.11E-04	6.92E-05	3.31E-03	1.10E-04	0.00E+00	2.82E-06	1.89E-06	1.15E-04
2045	495461.06, 3859501.99	0.05731	0.09139	0.03303	0.02175	2.44E-04	0.00E+00	2.81E-06	1.87E-06	2.49E-04	1.15E-04	2.88E-03	2.11E-04	6.87E-05	3.27E-03	1.09E-04	0.00E+00	2.81E-06	1.87E-06	1.14E-04
2046	495511.06, 3859501.99	0.05669	0.08918	0.03296	0.02156	2.41E-04	0.00E+00	2.80E-06	1.86E-06	2.46E-04	1.14E-04	2.81E-03	2.10E-04	6.81E-05	3.20E-03	1.08E-04	0.00E+00	2.80E-06	1.86E-06	1.13E-04
2047	495561.06, 3859501.99	0.05647	0.08875	0.03281	0.02138	2.40E-04	0.00E+00	2.79E-06	1.84E-06	2.45E-04	1.13E-04	2.80E-03	2.09E-04	6.75E-05	3.19E-03	1.08E-04	0.00E+00	2.79E-06	1.84E-06	1.12E-04
2048	495611.06, 3859501.99	0.05609	0.08758	0.03268	0.02121	2.39E-04	0.00E+00	2.78E-06	1.83E-06	2.43E-04	1.13E-04	2.76E-03	2.08E-04	6.70E-05	3.15E-03	1.07E-04	0.00E+00	2.78E-06	1.83E-06	1.12E-04
2049	495661.06, 3859501.99	0.05566	0.0863	0.03255	0.02102	2.37E-04	0.00E+00	2.77E-06	1.81E-06	2.42E-04	1.12E-04	2.72E-03	2.08E-04	6.64E-05	3.10E-03	1.06E-04	0.00E+00	2.77E-06	1.81E-06	1.11E-04
2050	494311.06, 3859551.99	0.06429	0.12806	0.03201	0.02536	2.74E-04	0.00E+00	2.72E-06	2.18E-06	2.79E-04	1.29E-04	4.03E-03	2.04E-04	8.01E-05	4.45E-03	1.23E-04	0.00E+00	2.72E-06	2.18E-06	1.28E-04
2051	494361.06, 3859551.99	0.06387	0.12485	0.03233	0.02521	2.72E-04	0.00E+00	2.75E-06	2.17E-06	2.77E-04	1.28E-04	3.93E-03	2.06E-04	7.96E-05	4.35E-03	1.22E-04	0.00E+00	2.75E-06	2.17E-06	1.27E-04
2052	494411.06, 3859551.99	0.06318	0.12019	0.03298	0.02503	2.69E-04	0.00E+00	2.80E-06	2.16E-06	2.74E-04	1.27E-04	3.79E-03	2.10E-04	7.90E-05	4.20E-03	1.21E-04	0.00E+00	2.80E-06	2.16E-06	1.26E-04
2053	494461.06, 3859551.99	0.06316	0.12069	0.03268	0.02485	2.69E-04	0.00E+00	2.78E-06	2.14E-06	2.74E-04	1.27E-04	3.80E-03	2.08E-04	7.85E-05	4.22E-03	1.21E-04	0.00E+00	2.78E-06	2.14E-06	1.26E-04
2054	494511.06, 3859551.99	0.06277	0.11833	0.03288	0.02467	2.67E-04	0.00E+00	2.80E-06	2.12E-06	2.72E-04	1.26E-04	3.73E-03	2.10E-04	7.79E-05	4.14E-03	1.20E-04	0.00E+00	2.80E-06	2.12E-06	1.25E-04
2055	494561.06, 3859551.99	0.06245	0.11654	0.03296	0.0245	2.66E-04	0.00E+00	2.80E-06	2.11E-06	2.71E-04	1.25E-04	3.67E-03	2.10E-04	7.74E-05	4.08E-03	1.19E-04	0.00E+00	2.80E-06	2.11E-06	1.24E-04
2056	494611.06, 3859551.99	0.06225	0.1155	0.0329	0.02433	2.65E-04	0.00E+00	2.80E-06	2.10E-06	2.70E-04	1.25E-04	3.64E-03	2.10E-04	7.68E-05	4.05E-03	1.19E-04	0.00E+00	2.80E-06	2.10E-06	1.24E-04
2057	494661.06, 3859551.99	0.06196	0.11399	0.03293	0.02416	2.64E-04	0.00E+00	2.80E-06	2.08E-06	2.69E-04	1.24E-04	3.59E-03	2.10E-04	7.63E-05	4.00E-03	1.18E-04	0.00E+00	2.80E-06	2.08E-06	1.23E-04
2058	494711.06, 3859551.99	0.06114	0.10949	0.03345	0.02393	2.60E-04	0.00E+00	2.84E-06	2.06E-06	2.65E-04	1.23E-04	3.45E-03	2.13E-04	7.56E-05	3.86E-03	1.17E-04	0.00E+00	2.84E-06	2.06E-06	1.22E-04
2059	494761.06, 3859551.99	0.06123	0.11012	0.0331	0.0238	2.61E-04	0.00E+00	2.82E-06	2.05E-06	2.66E-04	1.23E-04	3.47E-03	2.11E-04	7.51E-05	3.88E-03	1.17E-04	0.00E+00	2.82E-06	2.05E-06	1.22E-04
2060	494811.06, 3859551.99	0.0606	0.10696	0.03337	0.02359	2.58E-04	0.00E+00	2.84E-06	2.03E-06	2.63E-04	1.22E-04	3.37E-03	2.13E-04	7.45E-05	3.78E-03	1.16E-04	0.00E+00	2.84E-06	2.03E-06	1.21E-04
2061	494861.06, 3859551.99	0.06028	0.1055	0.03335	0.02341	2.57E-04	0.00E+00	2.84E-06	2.02E-06	2.62E-04	1.21E-04	3.32E-03	2.13E-04	7.39E-05	3.73E-03	1.15E-04	0.00E+00	2.84E-06	2.02E-06	1.20E-04

2062	494911.06, 3859551.99	0.05988	0.10376	0.03336	0.02323	2.55E-04	0.00E+00	2.84E-06	2.00E-06	2.60E-04	1.20E-04	3.27E-03	2.13E-04	7.33E-05	3.67E-03	1.14E-04	0.00E+00	2.84E-06	2.00E-06	1.19E-04
2063	494961.06, 3859551.99	0.05967	0.10283	0.03326	0.02307	2.54E-04	0.00E+00	2.83E-06	1.99E-06	2.59E-04	1.20E-04	3.24E-03	2.12E-04	7.28E-05	3.64E-03	1.14E-04	0.00E+00	2.83E-06	1.99E-06	1.19E-04
2064	495011.06, 3859551.99	0.05949	0.10212	0.03313	0.02292	2.53E-04	0.00E+00	2.82E-06	1.97E-06	2.58E-04	1.19E-04	3.22E-03	2.11E-04	7.24E-05	3.62E-03	1.14E-04	0.00E+00	2.82E-06	1.97E-06	1.18E-04
2065	495061.06, 3859551.99	0.05918	0.10083	0.03307	0.02275	2.52E-04	0.00E+00	2.81E-06	1.96E-06	2.57E-04	1.19E-04	3.18E-03	2.11E-04	7.18E-05	3.58E-03	1.13E-04	0.00E+00	2.81E-06	1.96E-06	1.18E-04
2066	495111.06, 3859551.99	0.05878	0.09923	0.03304	0.02257	2.50E-04	0.00E+00	2.81E-06	1.94E-06	2.55E-04	1.18E-04	3.13E-03	2.11E-04	7.13E-05	3.53E-03	1.12E-04	0.00E+00	2.81E-06	1.94E-06	1.17E-04
2067	495161.06, 3859551.99	0.05861	0.09858	0.03291	0.02243	2.50E-04	0.00E+00	2.80E-06	1.93E-06	2.54E-04	1.18E-04	3.11E-03	2.10E-04	7.08E-05	3.50E-03	1.12E-04	0.00E+00	2.80E-06	1.93E-06	1.17E-04
2068	495211.06, 3859551.99	0.05849	0.09816	0.03276	0.0223	2.49E-04	0.00E+00	2.79E-06	1.92E-06	2.54E-04	1.17E-04	3.09E-03	2.09E-04	7.04E-05	3.49E-03	1.12E-04	0.00E+00	2.79E-06	1.92E-06	1.16E-04
2069	495261.06, 3859551.99	0.05815	0.09689	0.03269	0.02213	2.48E-04	0.00E+00	2.78E-06	1.91E-06	2.52E-04	1.17E-04	3.05E-03	2.09E-04	6.99E-05	3.45E-03	1.11E-04	0.00E+00	2.78E-06	1.91E-06	1.16E-04
2070	495311.06, 3859551.99	0.05788	0.0959	0.03259	0.02198	2.46E-04	0.00E+00	2.77E-06	1.89E-06	2.51E-04	1.16E-04	3.02E-03	2.08E-04	6.94E-05	3.41E-03	1.11E-04	0.00E+00	2.77E-06	1.89E-06	1.15E-04
2071	495361.06, 3859551.99	0.05766	0.0951	0.03248	0.02183	2.46E-04	0.00E+00	2.76E-06	1.88E-06	2.50E-04	1.16E-04	3.00E-03	2.07E-04	6.89E-05	3.39E-03	1.10E-04	0.00E+00	2.76E-06	1.88E-06	1.15E-04
2072	495411.06, 3859551.99	0.05748	0.09449	0.03236	0.0217	2.45E-04	0.00E+00	2.75E-06	1.87E-06	2.49E-04	1.15E-04	2.98E-03	2.06E-04	6.85E-05	3.37E-03	1.10E-04	0.00E+00	2.75E-06	1.87E-06	1.14E-04
2073	495461.06, 3859551.99	0.05704	0.09292	0.0323	0.02152	2.43E-04	0.00E+00	2.75E-06	1.85E-06	2.48E-04	1.15E-04	2.93E-03	2.06E-04	6.79E-05	3.32E-03	1.09E-04	0.00E+00	2.75E-06	1.85E-06	1.14E-04
2074	495511.06, 3859551.99	0.05657	0.09132	0.03224	0.02133	2.41E-04	0.00E+00	2.74E-06	1.84E-06	2.45E-04	1.14E-04	2.88E-03	2.06E-04	6.73E-05	3.26E-03	1.08E-04	0.00E+00	2.74E-06	1.84E-06	1.13E-04
2075	495561.06, 3859551.99	0.05628	0.09034	0.03213	0.02118	2.40E-04	0.00E+00	2.73E-06	1.82E-06	2.44E-04	1.13E-04	2.85E-03	2.05E-04	6.69E-05	3.23E-03	1.07E-04	0.00E+00	2.73E-06	1.82E-06	1.12E-04
2076	495611.06, 3859551.99	0.05598	0.08934	0.03203	0.02103	2.38E-04	0.00E+00	2.72E-06	1.81E-06	2.43E-04	1.12E-04	2.81E-03	2.04E-04	6.64E-05	3.20E-03	1.07E-04	0.00E+00	2.72E-06	1.81E-06	1.11E-04
2077	495661.06, 3859551.99	0.05559	0.08809	0.03192	0.02085	2.37E-04	0.00E+00	2.71E-06	1.80E-06	2.41E-04	1.12E-04	2.77E-03	2.04E-04	6.58E-05	3.16E-03	1.06E-04	0.00E+00	2.71E-06	1.80E-06	1.11E-04
2078	494311.06, 3859601.99	0.06346	0.13016	0.03053	0.02483	2.70E-04	0.00E+00	2.60E-06	2.14E-06	2.75E-04	1.27E-04	4.10E-03	1.95E-04	7.84E-05	4.50E-03	1.21E-04	0.00E+00	2.60E-06	2.14E-06	1.26E-04
2079	494361.06, 3859601.99	0.06285	0.12504	0.03125	0.02471	2.68E-04	0.00E+00	2.66E-06	2.13E-06	2.72E-04	1.26E-04	3.94E-03	1.99E-04	7.80E-05	4.34E-03	1.20E-04	0.00E+00	2.66E-06	2.13E-06	1.25E-04
2080	494411.06, 3859601.99	0.06241	0.12224	0.03161	0.02454	2.66E-04	0.00E+00	2.69E-06	2.11E-06	2.71E-04	1.25E-04	3.85E-03	2.02E-04	7.75E-05	4.26E-03	1.19E-04	0.00E+00	2.69E-06	2.11E-06	1.24E-04
2081	494461.06, 3859601.99	0.06237	0.12243	0.03133	0.02436	2.66E-04	0.00E+00	2.66E-06	2.10E-06	2.70E-04	1.25E-04	3.86E-03	2.00E-04	7.69E-05	4.26E-03	1.19E-04	0.00E+00	2.66E-06	2.10E-06	1.24E-04
2082	494511.06, 3859601.99	0.06189	0.11918	0.03174	0.02421	2.64E-04	0.00E+00	2.70E-06	2.08E-06	2.68E-04	1.24E-04	3.75E-03	2.02E-04	7.64E-05	4.16E-03	1.18E-04	0.00E+00	2.70E-06	2.08E-06	1.23E-04
2083	494561.06, 3859601.99	0.06179	0.11891	0.03154	0.02404	2.63E-04	0.00E+00	2.68E-06	2.07E-06	2.68E-04	1.24E-04	3.75E-03	2.01E-04	7.59E-05	4.15E-03	1.18E-04	0.00E+00	2.68E-06	2.07E-06	1.23E-04
2084	494611.06, 3859601.99	0.06161	0.11798	0.03148	0.02387	2.62E-04	0.00E+00	2.68E-06	2.06E-06	2.67E-04	1.24E-04	3.72E-03	2.01E-04	7.54E-05	4.12E-03	1.18E-04	0.00E+00	2.68E-06	2.06E-06	1.22E-04
2085	494661.06, 3859601.99	0.06111	0.11443	0.03188	0.02372	2.60E-04	0.00E+00	2.71E-06	2.04E-06	2.65E-04	1.23E-04	3.60E-03	2.03E-04	7.49E-05	4.01E-03	1.17E-04	0.00E+00	2.71E-06	2.04E-06	1.21E-04
2086	494711.06, 3859601.99	0.06055	0.11142	0.03226	0.02353	2.58E-04	0.00E+00	2.74E-06	2.03E-06	2.63E-04	1.22E-04	3.51E-03	2.06E-04	7.43E-05	3.91E-03	1.16E-04	0.00E+00	2.74E-06	2.03E-06	1.20E-04
2087	494761.06, 3859601.99	0.06074	0.11286	0.03175	0.0234	2.59E-04	0.00E+00	2.70E-06	2.01E-06	2.63E-04	1.22E-04	3.56E-03	2.03E-04	7.39E-05	3.95E-03	1.16E-04	0.00E+00	2.70E-06	2.01E-06	1.21E-04
2088	494811.06, 3859601.99	0.06016	0.10949	0.03213	0.02322	2.56E-04	0.00E+00	2.73E-06	2.00E-06	2.61E-04	1.21E-04	3.45E-03	2.05E-04	7.33E-05	3.85E-03	1.15E-04	0.00E+00	2.73E-06	2.00E-06	1.20E-04
2089	494861.06, 3859601.99	0.05991	0.10818	0.03212	0.02306	2.55E-04	0.00E+00	2.73E-06	1.99E-06	2.60E-04	1.20E-04	3.41E-03	2.05E-04	7.28E-05	3.81E-03	1.14E-04	0.00E+00	2.73E-06	1.99E-06	1.19E-04
2090	494911.06, 3859601.99	0.05944	0.10578	0.0323	0.02288	2.53E-04	0.00E+00	2.75E-06	1.97E-06	2.58E-04	1.19E-04	3.33E-03	2.06E-04	7.22E-05	3.73E-03	1.14E-04	0.00E+00	2.75E-06	1.97E-06	1.18E-04
2091	494961.06, 3859601.99	0.05945	0.10598	0.03203	0.02275	2.53E-04	0.00E+00	2.72E-06	1.96E-06	2.58E-04	1.19E-04	3.34E-03	2.04E-04	7.18E-05	3.73E-03	1.14E-04	0.00E+00	2.72E-06	1.96E-06	1.18E-04
2092	495011.06, 3859601.99	0.05894	0.10348	0.03221	0.02257	2.51E-04	0.00E+00	2.74E-06	1.94E-06	2.56E-04	1.18E-04	3.26E-03	2.05E-04	7.13E-05	3.65E-03	1.13E-04	0.00E+00	2.74E-06	1.94E-06	1.17E-04
2093	495061.06, 3859601.99	0.05885	0.10313	0.03204	0.02244	2.51E-04	0.00E+00	2.72E-06	1.93E-06	2.55E-04	1.18E-04	3.25E-03	2.04E-04	7.09E-05	3.64E-03	1.12E-04	0.00E+00	2.72E-06	1.93E-06	1.17E-04
2094	495111.06, 3859601.99	0.05846	0.10137	0.03208	0.02227	2.49E-04	0.00E+00	2.73E-06	1.92E-06	2.54E-04	1.17E-04	3.19E-03	2.05E-04	7.03E-05	3.59E-03	1.12E-04	0.00E+00	2.73E-06	1.92E-06	1.16E-04
2095	495161.06, 3859601.99	0.05831	0.10078	0.03195	0.02213	2.48E-04	0.00E+00	2.72E-06	1.91E-06	2.53E-04	1.17E-04	3.17E-03	2.04E-04	6.99E-05	3.57E-03	1.11E-04	0.00E+00	2.72E-06	1.91E-06	1.16E-04
2096	495211.06, 3859601.99	0.05808	0.09979	0.03188	0.02199	2.47E-04	0.00E+00	2.71E-06	1.89E-06	2.52E-04	1.17E-04	3.14E-03	2.03E-04	6.94E-05	3.53E-03	1.11E-04	0.00E+00	2.71E-06	1.89E-06	1.16E-04
2097	495261.06, 3859601.99	0.05788	0.09903	0.03177	0.02185	2.46E-04	0.00E+00	2.70E-06	1.88E-06	2.51E-04	1.16E-04	3.12E-03	2.03E-04	6.90E-05	3.51E-03	1.11E-04	0.00E+00	2.70E-06	1.88E-06	1.15E-04
2098	495311.06, 3859601.99	0.05771	0.09836	0.03166	0.02171	2.46E-04	0.00E+00	2.69E-06	1.87E-06	2.50E-04	1.16E-04	3.10E-03	2.02E-04	6.85E-05	3.48E-03	1.10E-04	0.00E+00	2.69E-06	1.87E-06	1.15E-04
2099	495361.06, 3859601.99	0.05744	0.09728	0.0316	0.02157	2.45E-04	0.00E+00	2.69E-06	1.86E-06	2.49E-04	1.15E-04	3.06E-03	2.02E-04	6.81E-05	3.45E-03	1.10E-04	0.00E+00	2.69E-06	1.86E-06	1.14E-04
2100	495411.06, 3859601.99	0.05724	0.09657	0.03149	0.02144	2.44E-04	0.00E+00	2.68E-06	1.85E-06	2.48E-04	1.15E-04	3.04E-03	2.01E-04	6.77E-05	3.43E-03	1.09E-04	0.00E+00	2.68E-06	1.85E-06	1.14E-04
2101	495461.06, 3859601.99	0.05676	0.09462	0.03152	0.02126	2.42E-04	0.00E+00	2.68E-06	1.83E-06	2.46E-04	1.14E-04	2.98E-03	2.01E-04	6.71E-05	3.36E-03	1.08E-04	0.00E+00	2.68E-06	1.83E-06	1.13E-04
2102	495511.06, 3859601.99	0.05631	0.09289	0.03151	0.02108	2.40E-04	0.00E+00	2.68E-06	1.82E-06	2.44E-04	1.13E-04	2.93E-03	2.01E-04	6.66E-05	3.31E-03	1.08E-04	0.00E+00	2.68E-06	1.82E-06	1.12E-04
2103	495561.06, 3859601.99	0.05619	0.09251	0.03137	0.02097	2.39E-04	0.00E+00	2.67E-06	1.81E-06	2.44E-04	1.13E-04	2.91E-03	2.00E-04	6.62E-05	3.29E-03	1.07E-04	0.00E+00	2.67E-06	1.81E-06	1.12E-04
2104	495611.06, 3859601.99	0.05566	0.09057	0.03136	0.02078	2.37E-04	0.00E+00	2.67E-06	1.79E-06	2.41E-04	1.12E-04	2.85E-03	2.00E-04	6.56E-05	3.23E-03	1.06E-04	0.00E+00	2.67E-06	1.79E-06	1.11E-04
2105	495661.06, 3859601.99	0.05545	0.08989	0.03125	0.02065	2.36E-04	0.00E+00	2.66E-06	1.78E-06	2.41E-04	1.11E-04	2.83E-03	1.99E-04	6.52E-05	3.21E-03	1.06E-04	0.00E+00	2.66E-06	1.78E-06	1.10E-04
2106	494311.06, 3859651.99	0.06251	0.13068	0.02932	0.02432	2.66E-04	0.00E+00	2.49E-06	2.09E-06	2.71E-04	1.26E-04	4.12E-03	1.87E-04	7.68E-05	4.51E-03	1.19E-04	0.00E+00	2.49E-06	2.09E-06	1.24E-04
2107	494361.06, 3859651.99	0.06195	0.12605	0.03	0.0242	2.64E-04	0.00E+00	2.55E-06	2.08E-06	2.68E-04	1.24E-04	3.97E-03	1.91E-04	7.64E-05	4.36E-03	1.18E-04	0.00E+00	2.55E-06	2.08E-06	1.23E-04
2108	494411.06, 3859651.99	0.06167	0.12427	0.03014	0.02404	2.63E-04	0.00E+00	2.56E-06	2.07E-06	2.67E-04	1.24E-04	3.91E-03	1.92E-04	7.59E-05	4.31E-03	1.18E-04	0.00E+00	2.56E-06	2.07E-06	1.22E-04
2109	494461.06, 3859651.99	0.06159	0.12431	0.02991	0.02386	2.62E-04	0.00E+00	2.54E-06	2.05E-06	2.67E-04	1.24E-04	3.92E-03	1.91E-04	7.53E-05	4.31E-03	1.18E-04	0.00E+00	2.54E-06	2.05E-06	1.22E-04
2110	494511.06, 3859651.99	0.0613	0.12235	0.03007	0.02371	2.61E-04	0.00E+00	2.56E-06	2.04E-06	2.66E-04	1.23E-04	3.85E-03	1.92E-04	7.49E-05	4.24E-03	1.17E-04	0.00E+00	2.56E-06	2.04E-06	1.22E-04
2111	494561.06, 3859651.99	0.06108	0.12113	0.03009	0.02355	2.60E-04	0.00E+00	2.56E-06	2.03E-06	2.65E-04	1.23E-04	3.82E-03	1.92E-04	7.44E-05	4.20E-03	1.17E-04	0.00E+00	2.56E-06	2.03E-06	1.21E-04
2112	494611.06, 3859651.99	0.06086	0.11979	0.03013	0.02339	2.59E-04	0.00E+00	2.56E-06	2.01E-06	2.64E-04	1.22E-04	3.77E-03	1.92E-04	7.39E-05	4.16E-03	1.16E-04	0.00E+00	2.56E-06	2.01E-06	1.21E-04
2113	494661.06, 3859651.99	0.06035	0.11583	0.03065	0.02326	2.57E-04	0.00E+00	2.61E-06	2.00E-06	2.62E-04	1.21E-04	3.65E-03	1.96E-04	7.34E-05	4.04E-03	1.15E-04	0.00E+00	2.61E-06	2.00E-06	1.20E-04
2114	494711.06, 3859651.99	0.06014	0.11468	0.03065	0.02311	2.56E-04	0.00E+00	2.61E-06	1.99E-06	2.61E-04	1.21E-04	3.61E-03	1.96E-04	7.30E-05	4.00E-03	1.15E-04	0.00E+00	2.61E-06	1.99E-06	1.19E-04
2115	494761.06, 3859651.99	0.05995	0.11396	0.03062	0.02295	2.55E-04	0.00E+00	2.60E-06	1.98E-06	2.60E-04	1.20E-04	3.59E-03	1.95E-04	7.25E-05	3.98E-03	1.15E-04	0.00E+00	2.60E-06	1.98E-06	1.19E-04
2116	494811.06, 3859651.99	0.05959	0.11174	0.03083	0.0228	2.54E-04	0.00E+00	2.62E-06	1.96E-06	2.58E-04	1.20E-04	3.52E-03	1.97E-04	7.20E-05	3.91E-03	1.14E-04	0.00E+00	2.62E-06	1.96E-06	1.18E-04
2117	494861.06, 3859651.99	0.05939	0.11067	0.03081	0.02265	2.53E-04	0.00E+00	2.62E-06	1.95E-06	2.57E-04	1.19E-04	3.49E-03	1.97E-04	7.15E-05	3.87E-03	1.13E-04	0.00E+00	2.62E-06	1.95E-06	1.18E-04
2118	494911.06, 3859651.99	0.05911	0.10908	0.03089	0.0225	2.52E-04	0.00E+00	2.63E-06	1.94E-06	2.56E-04	1.19E-04	3.44E-03	1.97E-04	7.10E-05	3.82E-03	1.13E-04	0.00E+00	2.63E-06	1.94E-06	1.17E-04
2119	494961.06, 3859651.99	0.05889	0.10791	0.03088	0.02236	2.51E-04	0.00E+00	2.63E-06	1.93E-06	2.55E-04	1.18E-04	3.40E-03	1.97E-04	7.06E-05	3.79E-03	1.12E-04	0.00E+00	2.63E-06	1.93E-06	1.17E-04
2120	495011.06, 3859651.99	0.05862	0.10646	0.03091	0.02221	2.50E-04	0.00E+00	2.63E-06	1.91E-06	2.54E-04	1.18E-04	3.35E-03	1.97E-04	7.01E-05	3.74E-03	1.12E-04	0.00E+00	2.63E-06	1.91E-06	1.17E-04

2121	495061.06, 3859651.99	0.05844	0.10562	0.03084	0.02207	2.49E-04	0.00E+00	2.62E-06	1.90E-06	2.53E-04	1.17E-04	3.33E-03	1.97E-04	6.97E-05	3.71E-03	1.12E-04	0.00E+00	2.62E-06	1.90E-06	1.16E-04
2122	495111.06, 3859651.99	0.05815	0.10408	0.0309	0.02193	2.48E-04	0.00E+00	2.63E-06	1.89E-06	2.52E-04	1.17E-04	3.28E-03	1.97E-04	6.92E-05	3.66E-03	1.11E-04	0.00E+00	2.63E-06	1.89E-06	1.16E-04
2123	495161.06, 3859651.99	0.05792	0.10301	0.03086	0.02179	2.47E-04	0.00E+00	2.62E-06	1.88E-06	2.51E-04	1.16E-04	3.24E-03	1.97E-04	6.88E-05	3.63E-03	1.11E-04	0.00E+00	2.62E-06	1.88E-06	1.15E-04
2124	495211.06, 3859651.99	0.05774	0.10221	0.03078	0.02165	2.46E-04	0.00E+00	2.62E-06	1.86E-06	2.50E-04	1.16E-04	3.22E-03	1.96E-04	6.84E-05	3.60E-03	1.10E-04	0.00E+00	2.62E-06	1.86E-06	1.15E-04
2125	495261.06, 3859651.99	0.0575	0.10109	0.03076	0.02151	2.45E-04	0.00E+00	2.62E-06	1.85E-06	2.49E-04	1.15E-04	3.18E-03	1.96E-04	6.79E-05	3.56E-03	1.10E-04	0.00E+00	2.62E-06	1.85E-06	1.14E-04
2126	495311.06, 3859651.99	0.05729	0.10018	0.03069	0.02138	2.44E-04	0.00E+00	2.61E-06	1.84E-06	2.48E-04	1.15E-04	3.16E-03	1.96E-04	6.75E-05	3.53E-03	1.09E-04	0.00E+00	2.61E-06	1.84E-06	1.14E-04
2127	495361.06, 3859651.99	0.05709	0.09937	0.03061	0.02125	2.43E-04	0.00E+00	2.60E-06	1.83E-06	2.48E-04	1.15E-04	3.13E-03	1.95E-04	6.71E-05	3.51E-03	1.09E-04	0.00E+00	2.60E-06	1.83E-06	1.13E-04
2128	495411.06, 3859651.99	0.05684	0.0983	0.03058	0.02112	2.42E-04	0.00E+00	2.60E-06	1.82E-06	2.46E-04	1.14E-04	3.10E-03	1.95E-04	6.67E-05	3.47E-03	1.09E-04	0.00E+00	2.60E-06	1.82E-06	1.13E-04
2129	495461.06, 3859651.99	0.05642	0.09639	0.03066	0.02096	2.40E-04	0.00E+00	2.61E-06	1.80E-06	2.45E-04	1.13E-04	3.04E-03	1.96E-04	6.62E-05	3.41E-03	1.08E-04	0.00E+00	2.61E-06	1.80E-06	1.12E-04
2130	495511.06, 3859651.99	0.05604	0.09478	0.03068	0.02081	2.39E-04	0.00E+00	2.61E-06	1.79E-06	2.43E-04	1.13E-04	2.99E-03	1.96E-04	6.57E-05	3.36E-03	1.07E-04	0.00E+00	2.61E-06	1.79E-06	1.11E-04
2131	495561.06, 3859651.99	0.05583	0.09399	0.0306	0.02068	2.38E-04	0.00E+00	2.60E-06	1.78E-06	2.42E-04	1.12E-04	2.96E-03	1.95E-04	6.53E-05	3.33E-03	1.07E-04	0.00E+00	2.60E-06	1.78E-06	1.11E-04
2132	495611.06, 3859651.99	0.05553	0.09283	0.03055	0.02055	2.36E-04	0.00E+00	2.60E-06	1.77E-06	2.41E-04	1.12E-04	2.92E-03	1.95E-04	6.49E-05	3.30E-03	1.06E-04	0.00E+00	2.60E-06	1.77E-06	1.10E-04
2133	495661.06, 3859651.99	0.0552	0.09155	0.03052	0.0204	2.35E-04	0.00E+00	2.60E-06	1.76E-06	2.39E-04	1.11E-04	2.88E-03	1.95E-04	6.44E-05	3.25E-03	1.05E-04	0.00E+00	2.60E-06	1.76E-06	1.10E-04
2134	494311.06, 3859701.99	0.06136	0.12835	0.02858	0.02385	2.61E-04	0.00E+00	2.43E-06	2.05E-06	2.66E-04	1.23E-04	4.04E-03	1.82E-04	7.53E-05	4.42E-03	1.17E-04	0.00E+00	2.43E-06	2.05E-06	1.22E-04
2135	494361.06, 3859701.99	0.06103	0.12629	0.02883	0.0237	2.60E-04	0.00E+00	2.45E-06	2.04E-06	2.64E-04	1.23E-04	3.98E-03	1.84E-04	7.48E-05	4.36E-03	1.17E-04	0.00E+00	2.45E-06	2.04E-06	1.21E-04
2136	494411.06, 3859701.99	0.06083	0.12531	0.02883	0.02353	2.59E-04	0.00E+00	2.45E-06	2.03E-06	2.64E-04	1.22E-04	3.95E-03	1.84E-04	7.43E-05	4.33E-03	1.16E-04	0.00E+00	2.45E-06	2.03E-06	1.21E-04
2137	494461.06, 3859701.99	0.0608	0.12599	0.0285	0.02334	2.59E-04	0.00E+00	2.42E-06	2.01E-06	2.63E-04	1.22E-04	3.97E-03	1.82E-04	7.37E-05	4.35E-03	1.16E-04	0.00E+00	2.42E-06	2.01E-06	1.21E-04
2138	494511.06, 3859701.99	0.06055	0.12431	0.02863	0.02319	2.58E-04	0.00E+00	2.43E-06	2.00E-06	2.62E-04	1.22E-04	3.92E-03	1.83E-04	7.32E-05	4.29E-03	1.16E-04	0.00E+00	2.43E-06	2.00E-06	1.20E-04
2139	494561.06, 3859701.99	0.06035	0.12318	0.02864	0.02303	2.57E-04	0.00E+00	2.44E-06	1.98E-06	2.61E-04	1.21E-04	3.88E-03	1.83E-04	7.27E-05	4.26E-03	1.15E-04	0.00E+00	2.44E-06	1.98E-06	1.20E-04
2140	494611.06, 3859701.99	0.06013	0.12193	0.02869	0.02288	2.56E-04	0.00E+00	2.44E-06	1.97E-06	2.60E-04	1.21E-04	3.84E-03	1.83E-04	7.22E-05	4.22E-03	1.15E-04	0.00E+00	2.44E-06	1.97E-06	1.19E-04
2141	494661.06, 3859701.99	0.05959	0.11758	0.02935	0.02278	2.54E-04	0.00E+00	2.50E-06	1.96E-06	2.58E-04	1.20E-04	3.70E-03	1.87E-04	7.19E-05	4.08E-03	1.14E-04	0.00E+00	2.50E-06	1.96E-06	1.18E-04
2142	494711.06, 3859701.99	0.05948	0.11718	0.02922	0.02262	2.53E-04	0.00E+00	2.49E-06	1.95E-06	2.58E-04	1.19E-04	3.69E-03	1.86E-04	7.14E-05	4.07E-03	1.14E-04	0.00E+00	2.49E-06	1.95E-06	1.18E-04
2143	494761.06, 3859701.99	0.05918	0.11521	0.02941	0.02248	2.52E-04	0.00E+00	2.50E-06	1.94E-06	2.56E-04	1.19E-04	3.63E-03	1.88E-04	7.10E-05	4.01E-03	1.13E-04	0.00E+00	2.50E-06	1.94E-06	1.17E-04
2144	494811.06, 3859701.99	0.05888	0.1132	0.02961	0.02235	2.51E-04	0.00E+00	2.52E-06	1.92E-06	2.55E-04	1.18E-04	3.57E-03	1.89E-04	7.06E-05	3.94E-03	1.12E-04	0.00E+00	2.52E-06	1.92E-06	1.17E-04
2145	494861.06, 3859701.99	0.05879	0.11299	0.02943	0.0222	2.50E-04	0.00E+00	2.50E-06	1.91E-06	2.55E-04	1.18E-04	3.56E-03	1.88E-04	7.01E-05	3.94E-03	1.12E-04	0.00E+00	2.50E-06	1.91E-06	1.17E-04
2146	494911.06, 3859701.99	0.05853	0.11137	0.02954	0.02206	2.49E-04	0.00E+00	2.51E-06	1.90E-06	2.54E-04	1.18E-04	3.51E-03	1.88E-04	6.97E-05	3.88E-03	1.12E-04	0.00E+00	2.51E-06	1.90E-06	1.16E-04
2147	494961.06, 3859701.99	0.05828	0.10983	0.02963	0.02193	2.48E-04	0.00E+00	2.52E-06	1.89E-06	2.53E-04	1.17E-04	3.46E-03	1.89E-04	6.92E-05	3.83E-03	1.11E-04	0.00E+00	2.52E-06	1.89E-06	1.16E-04
2148	495011.06, 3859701.99	0.05811	0.10898	0.02958	0.02179	2.47E-04	0.00E+00	2.52E-06	1.88E-06	2.52E-04	1.17E-04	3.43E-03	1.89E-04	6.88E-05	3.81E-03	1.11E-04	0.00E+00	2.52E-06	1.88E-06	1.15E-04
2149	495061.06, 3859701.99	0.05789	0.10774	0.02961	0.02166	2.47E-04	0.00E+00	2.52E-06	1.87E-06	2.51E-04	1.16E-04	3.39E-03	1.89E-04	6.84E-05	3.77E-03	1.11E-04	0.00E+00	2.52E-06	1.87E-06	1.15E-04
2150	495111.06, 3859701.99	0.05766	0.10648	0.02964	0.02153	2.46E-04	0.00E+00	2.52E-06	1.85E-06	2.50E-04	1.16E-04	3.35E-03	1.89E-04	6.80E-05	3.73E-03	1.10E-04	0.00E+00	2.52E-06	1.85E-06	1.15E-04
2151	495161.06, 3859701.99	0.05741	0.10509	0.0297	0.0214	2.44E-04	0.00E+00	2.53E-06	1.84E-06	2.49E-04	1.15E-04	3.31E-03	1.89E-04	6.76E-05	3.68E-03	1.10E-04	0.00E+00	2.53E-06	1.84E-06	1.14E-04
2152	495211.06, 3859701.99	0.05714	0.10365	0.02976	0.02127	2.43E-04	0.00E+00	2.53E-06	1.83E-06	2.48E-04	1.15E-04	3.26E-03	1.90E-04	6.72E-05	3.64E-03	1.09E-04	0.00E+00	2.53E-06	1.83E-06	1.13E-04
2153	495261.06, 3859701.99	0.05704	0.1033	0.02961	0.02114	2.43E-04	0.00E+00	2.52E-06	1.82E-06	2.47E-04	1.15E-04	3.25E-03	1.89E-04	6.67E-05	3.62E-03	1.09E-04	0.00E+00	2.52E-06	1.82E-06	1.13E-04
2154	495311.06, 3859701.99	0.05679	0.102	0.02964	0.02101	2.42E-04	0.00E+00	2.52E-06	1.81E-06	2.46E-04	1.14E-04	3.21E-03	1.89E-04	6.63E-05	3.58E-03	1.08E-04	0.00E+00	2.52E-06	1.81E-06	1.13E-04
2155	495361.06, 3859701.99	0.05655	0.10076	0.02965	0.02089	2.41E-04	0.00E+00	2.52E-06	1.80E-06	2.45E-04	1.14E-04	3.17E-03	1.89E-04	6.60E-05	3.54E-03	1.08E-04	0.00E+00	2.52E-06	1.80E-06	1.12E-04
2156	495411.06, 3859701.99	0.05623	0.09915	0.02974	0.02075	2.39E-04	0.00E+00	2.53E-06	1.79E-06	2.44E-04	1.13E-04	3.12E-03	1.90E-04	6.55E-05	3.49E-03	1.07E-04	0.00E+00	2.53E-06	1.79E-06	1.12E-04
2157	495461.06, 3859701.99	0.05596	0.09791	0.02975	0.02063	2.38E-04	0.00E+00	2.53E-06	1.78E-06	2.43E-04	1.12E-04	3.08E-03	1.90E-04	6.51E-05	3.45E-03	1.07E-04	0.00E+00	2.53E-06	1.78E-06	1.11E-04
2158	495511.06, 3859701.99	0.0555	0.09565	0.02991	0.02048	2.36E-04	0.00E+00	2.54E-06	1.76E-06	2.41E-04	1.11E-04	3.01E-03	1.91E-04	6.47E-05	3.38E-03	1.06E-04	0.00E+00	2.54E-06	1.76E-06	1.10E-04
2159	495561.06, 3859701.99	0.05545	0.09562	0.02972	0.02037	2.36E-04	0.00E+00	2.53E-06	1.75E-06	2.40E-04	1.11E-04	3.01E-03	1.90E-04	6.43E-05	3.38E-03	1.06E-04	0.00E+00	2.53E-06	1.75E-06	1.10E-04
2160	495611.06, 3859701.99	0.05519	0.09452	0.0297	0.02025	2.35E-04	0.00E+00	2.53E-06	1.74E-06	2.39E-04	1.11E-04	2.98E-03	1.89E-04	6.39E-05	3.34E-03	1.05E-04	0.00E+00	2.53E-06	1.74E-06	1.10E-04
2161	495661.06, 3859701.99	0.0549	0.09332	0.02969	0.02012	2.34E-04	0.00E+00	2.53E-06	1.73E-06	2.38E-04	1.10E-04	2.94E-03	1.89E-04	6.35E-05	3.30E-03	1.05E-04	0.00E+00	2.53E-06	1.73E-06	1.09E-04
2162	494311.06, 3859751.99	0.06065	0.13072	0.02706	0.0233	2.58E-04	0.00E+00	2.30E-06	2.01E-06	2.63E-04	1.22E-04	4.12E-03	1.73E-04	7.36E-05	4.49E-03	1.16E-04	0.00E+00	2.30E-06	2.01E-06	1.20E-04
2163	494361.06, 3859751.99	0.06038	0.129	0.0272	0.02315	2.57E-04	0.00E+00	2.31E-06	1.99E-06	2.61E-04	1.21E-04	4.06E-03	1.73E-04	7.31E-05	4.43E-03	1.15E-04	0.00E+00	2.31E-06	1.99E-06	1.20E-04
2164	494411.06, 3859751.99	0.06008	0.12688	0.02741	0.02301	2.56E-04	0.00E+00	2.33E-06	1.98E-06	2.60E-04	1.21E-04	4.00E-03	1.75E-04	7.27E-05	4.36E-03	1.15E-04	0.00E+00	2.33E-06	1.98E-06	1.19E-04
2165	494461.06, 3859751.99	0.05998	0.12707	0.02721	0.02282	2.55E-04	0.00E+00	2.31E-06	1.97E-06	2.60E-04	1.20E-04	4.00E-03	1.74E-04	7.21E-05	4.37E-03	1.15E-04	0.00E+00	2.31E-06	1.97E-06	1.19E-04
2166	494511.06, 3859751.99	0.05983	0.12653	0.02714	0.02266	2.55E-04	0.00E+00	2.31E-06	1.95E-06	2.59E-04	1.20E-04	3.99E-03	1.73E-04	7.15E-05	4.35E-03	1.14E-04	0.00E+00	2.31E-06	1.95E-06	1.19E-04
2167	494561.06, 3859751.99	0.05959	0.12495	0.02725	0.02251	2.54E-04	0.00E+00	2.32E-06	1.94E-06	2.58E-04	1.20E-04	3.94E-03	1.74E-04	7.11E-05	4.30E-03	1.14E-04	0.00E+00	2.32E-06	1.94E-06	1.18E-04
2168	494611.06, 3859751.99	0.0593	0.12287	0.02746	0.02239	2.53E-04	0.00E+00	2.34E-06	1.93E-06	2.57E-04	1.19E-04	3.87E-03	1.75E-04	7.07E-05	4.24E-03	1.13E-04	0.00E+00	2.34E-06	1.93E-06	1.18E-04
2169	494661.06, 3859751.99	0.05893	0.11957	0.02787	0.02228	2.51E-04	0.00E+00	2.37E-06	1.92E-06	2.55E-04	1.18E-04	3.77E-03	1.78E-04	7.03E-05	4.13E-03	1.13E-04	0.00E+00	2.37E-06	1.92E-06	1.17E-04
2170	494711.06, 3859751.99	0.05878	0.11919	0.0278	0.02213	2.50E-04	0.00E+00	2.36E-06	1.91E-06	2.55E-04	1.18E-04	3.75E-03	1.77E-04	6.99E-05	4.12E-03	1.12E-04	0.00E+00	2.36E-06	1.91E-06	1.17E-04
2171	494761.06, 3859751.99	0.05859	0.11813	0.02782	0.02198	2.50E-04	0.00E+00	2.37E-06	1.89E-06	2.54E-04	1.18E-04	3.72E-03	1.77E-04	6.94E-05	4.09E-03	1.12E-04	0.00E+00	2.37E-06	1.89E-06	1.16E-04
2172	494811.06, 3859751.99	0.05833	0.11633	0.02799	0.02186	2.48E-04	0.00E+00	2.38E-06	1.88E-06	2.53E-04	1.17E-04	3.66E-03	1.79E-04	6.90E-05	4.03E-03	1.11E-04	0.00E+00	2.38E-06	1.88E-06	1.16E-04
2173	494861.06, 3859751.99	0.05813	0.1151	0.02804	0.02173	2.48E-04	0.00E+00	2.38E-06	1.87E-06	2.52E-04	1.17E-04	3.63E-03	1.79E-04	6.86E-05	3.99E-03	1.11E-04	0.00E+00	2.38E-06	1.87E-06	1.15E-04
2174	494911.06, 3859751.99	0.05792	0.11382	0.0281	0.0216	2.47E-04	0.00E+00	2.39E-06	1.86E-06	2.51E-04	1.16E-04	3.59E-03	1.79E-04	6.82E-05	3.95E-03	1.11E-04	0.00E+00	2.39E-06	1.86E-06	1.15E-04
2175	494961.06, 3859751.99	0.05772	0.11258	0.02815	0.02147	2.46E-04	0.00E+00	2.39E-06	1.85E-06	2.50E-04	1.16E-04	3.55E-03	1.80E-04	6.78E-05	3.91E-03	1.10E-04	0.00E+00	2.39E-06	1.85E-06	1.14E-04
2176	495011.06, 3859751.99	0.0575	0.1112	0.02823	0.02134	2.45E-04	0.00E+00	2.40E-06	1.84E-06	2.49E-04	1.15E-04	3.50E-03	1.80E-04	6.74E-05	3.87E-03	1.10E-04	0.00E+00	2.40E-06	1.84E-06	1.14E-04
2177	495061.06, 3859751.99	0.05733	0.1103	0.02821	0.02121	2.44E-04	0.00E+00	2.40E-06	1.83E-06	2.48E-04	1.15E-04	3.47E-03	1.80E-04	6.70E-05	3.84E-03	1.09E-04	0.00E+00	2.40E-06	1.83E-06	1.14E-04
2178	495111.06, 3859751.99	0.05712	0.10899	0.02827	0.02109	2.43E-04	0.00E+00	2.40E-06	1.82E-06	2.47E-04	1.15E-04	3.43E-03	1.80E-04	6.66E-05	3.79E-03	1.09E-04	0.00E+00	2.40E-06	1.82E-06	1.13E-04
2179	495161.06, 3859751.99	0.05688	0.10753	0.02837	0.02097	2.42E-04	0.00E+00	2.41E-06	1.81E-06	2.46E-04	1.14E-04	3.39E-03	1.81E-04	6.62E-05	3.75E-03	1.09E-04	0.00E+00	2.41E-06	1.81E-06	1.13E-04

2180	495211.06, 3859751.99	0.05664	0.10603	0.02847	0.02085	2.41E-04	0.00E+00	2.42E-06	1.80E-06	2.45E-04	1.14E-04	3.34E-03	1.82E-04	6.58E-05	3.70E-03	1.08E-04	0.00E+00	2.42E-06	1.80E-06	1.12E-04
2181	495261.06, 3859751.99	0.05646	0.10509	0.02845	0.02073	2.40E-04	0.00E+00	2.42E-06	1.79E-06	2.45E-04	1.13E-04	3.31E-03	1.81E-04	6.55E-05	3.67E-03	1.08E-04	0.00E+00	2.42E-06	1.79E-06	1.12E-04
2182	495311.06, 3859751.99	0.05623	0.10379	0.02851	0.02061	2.39E-04	0.00E+00	2.42E-06	1.77E-06	2.44E-04	1.13E-04	3.27E-03	1.82E-04	6.51E-05	3.63E-03	1.07E-04	0.00E+00	2.42E-06	1.77E-06	1.12E-04
2183	495361.06, 3859751.99	0.05601	0.10262	0.02854	0.0205	2.39E-04	0.00E+00	2.43E-06	1.77E-06	2.43E-04	1.12E-04	3.23E-03	1.82E-04	6.47E-05	3.59E-03	1.07E-04	0.00E+00	2.43E-06	1.77E-06	1.11E-04
2184	495411.06, 3859751.99	0.0558	0.1015	0.02856	0.02038	2.38E-04	0.00E+00	2.43E-06	1.75E-06	2.42E-04	1.12E-04	3.20E-03	1.82E-04	6.43E-05	3.56E-03	1.07E-04	0.00E+00	2.43E-06	1.75E-06	1.11E-04
2185	495461.06, 3859751.99	0.0555	0.09983	0.02868	0.02027	2.36E-04	0.00E+00	2.44E-06	1.75E-06	2.41E-04	1.11E-04	3.14E-03	1.83E-04	6.40E-05	3.50E-03	1.06E-04	0.00E+00	2.44E-06	1.75E-06	1.10E-04
2186	495511.06, 3859751.99	0.05519	0.09817	0.0288	0.02015	2.35E-04	0.00E+00	2.45E-06	1.74E-06	2.39E-04	1.11E-04	3.09E-03	1.84E-04	6.36E-05	3.45E-03	1.05E-04	0.00E+00	2.45E-06	1.74E-06	1.10E-04
2187	495561.06, 3859751.99	0.05496	0.09701	0.0288	0.02003	2.34E-04	0.00E+00	2.45E-06	1.72E-06	2.38E-04	1.10E-04	3.06E-03	1.84E-04	6.32E-05	3.41E-03	1.05E-04	0.00E+00	2.45E-06	1.72E-06	1.09E-04
2188	495611.06, 3859751.99	0.05473	0.09593	0.0288	0.01991	2.33E-04	0.00E+00	2.45E-06	1.71E-06	2.37E-04	1.10E-04	3.02E-03	1.84E-04	6.29E-05	3.38E-03	1.05E-04	0.00E+00	2.45E-06	1.71E-06	1.09E-04
2189	495661.06, 3859751.99	0.05454	0.09514	0.02875	0.0198	2.32E-04	0.00E+00	2.45E-06	1.70E-06	2.36E-04	1.10E-04	3.00E-03	1.83E-04	6.25E-05	3.35E-03	1.04E-04	0.00E+00	2.45E-06	1.70E-06	1.08E-04
2190	494311.06, 3859801.99	0.05995	0.13298	0.02559	0.02274	2.55E-04	0.00E+00	2.18E-06	1.96E-06	2.59E-04	1.20E-04	4.19E-03	1.63E-04	7.18E-05	4.54E-03	1.15E-04	0.00E+00	2.18E-06	1.96E-06	1.19E-04
2191	494361.06, 3859801.99	0.05963	0.13052	0.02583	0.02261	2.54E-04	0.00E+00	2.20E-06	1.95E-06	2.58E-04	1.20E-04	4.11E-03	1.65E-04	7.14E-05	4.47E-03	1.14E-04	0.00E+00	2.20E-06	1.95E-06	1.18E-04
2192	494411.06, 3859801.99	0.0593	0.12795	0.02611	0.02249	2.53E-04	0.00E+00	2.22E-06	1.94E-06	2.57E-04	1.19E-04	4.03E-03	1.67E-04	7.10E-05	4.39E-03	1.13E-04	0.00E+00	2.22E-06	1.94E-06	1.17E-04
2193	494461.06, 3859801.99	0.05918	0.12793	0.02598	0.02231	2.52E-04	0.00E+00	2.21E-06	1.92E-06	2.56E-04	1.19E-04	4.03E-03	1.66E-04	7.04E-05	4.38E-03	1.13E-04	0.00E+00	2.21E-06	1.92E-06	1.17E-04
2194	494511.06, 3859801.99	0.05907	0.1281	0.02581	0.02213	2.52E-04	0.00E+00	2.20E-06	1.91E-06	2.56E-04	1.19E-04	4.04E-03	1.65E-04	6.99E-05	4.39E-03	1.13E-04	0.00E+00	2.20E-06	1.91E-06	1.17E-04
2195	494561.06, 3859801.99	0.05884	0.12661	0.02591	0.02199	2.51E-04	0.00E+00	2.20E-06	1.89E-06	2.55E-04	1.18E-04	3.99E-03	1.65E-04	6.94E-05	4.34E-03	1.12E-04	0.00E+00	2.20E-06	1.89E-06	1.16E-04
2196	494611.06, 3859801.99	0.05848	0.12357	0.02628	0.02189	2.49E-04	0.00E+00	2.24E-06	1.88E-06	2.53E-04	1.17E-04	3.89E-03	1.68E-04	6.91E-05	4.25E-03	1.12E-04	0.00E+00	2.24E-06	1.88E-06	1.16E-04
2197	494661.06, 3859801.99	0.05824	0.12189	0.02643	0.02176	2.48E-04	0.00E+00	2.25E-06	1.87E-06	2.52E-04	1.17E-04	3.84E-03	1.69E-04	6.87E-05	4.19E-03	1.11E-04	0.00E+00	2.25E-06	1.87E-06	1.15E-04
2198	494711.06, 3859801.99	0.05796	0.1198	0.02666	0.02165	2.47E-04	0.00E+00	2.27E-06	1.86E-06	2.51E-04	1.16E-04	3.77E-03	1.70E-04	6.84E-05	4.13E-03	1.11E-04	0.00E+00	2.27E-06	1.86E-06	1.15E-04
2199	494761.06, 3859801.99	0.05787	0.11991	0.02647	0.02148	2.46E-04	0.00E+00	2.25E-06	1.85E-06	2.51E-04	1.16E-04	3.78E-03	1.69E-04	6.78E-05	4.13E-03	1.11E-04	0.00E+00	2.25E-06	1.85E-06	1.15E-04
2200	494811.06, 3859801.99	0.05764	0.1183	0.0266	0.02136	2.45E-04	0.00E+00	2.26E-06	1.84E-06	2.50E-04	1.16E-04	3.73E-03	1.70E-04	6.74E-05	4.08E-03	1.10E-04	0.00E+00	2.26E-06	1.84E-06	1.14E-04
2201	494861.06, 3859801.99	0.05745	0.11722	0.02664	0.02123	2.45E-04	0.00E+00	2.27E-06	1.83E-06	2.49E-04	1.15E-04	3.69E-03	1.70E-04	6.70E-05	4.04E-03	1.10E-04	0.00E+00	2.27E-06	1.83E-06	1.14E-04
2202	494911.06, 3859801.99	0.05721	0.11545	0.02681	0.02112	2.44E-04	0.00E+00	2.28E-06	1.82E-06	2.48E-04	1.15E-04	3.64E-03	1.71E-04	6.67E-05	3.99E-03	1.09E-04	0.00E+00	2.28E-06	1.82E-06	1.13E-04
2203	494961.06, 3859801.99	0.05701	0.11421	0.02687	0.021	2.43E-04	0.00E+00	2.29E-06	1.81E-06	2.47E-04	1.15E-04	3.60E-03	1.71E-04	6.63E-05	3.95E-03	1.09E-04	0.00E+00	2.29E-06	1.81E-06	1.13E-04
2204	495011.06, 3859801.99	0.0568	0.11287	0.02696	0.02088	2.42E-04	0.00E+00	2.29E-06	1.80E-06	2.46E-04	1.14E-04	3.56E-03	1.72E-04	6.59E-05	3.91E-03	1.08E-04	0.00E+00	2.29E-06	1.80E-06	1.13E-04
2205	495061.06, 3859801.99	0.05662	0.11183	0.02698	0.02076	2.41E-04	0.00E+00	2.29E-06	1.79E-06	2.45E-04	1.14E-04	3.52E-03	1.72E-04	6.55E-05	3.87E-03	1.08E-04	0.00E+00	2.29E-06	1.79E-06	1.12E-04
2206	495111.06, 3859801.99	0.0564	0.11028	0.02711	0.02064	2.40E-04	0.00E+00	2.31E-06	1.78E-06	2.44E-04	1.13E-04	3.47E-03	1.73E-04	6.52E-05	3.83E-03	1.08E-04	0.00E+00	2.31E-06	1.78E-06	1.12E-04
2207	495161.06, 3859801.99	0.05618	0.10884	0.02722	0.02053	2.39E-04	0.00E+00	2.31E-06	1.77E-06	2.43E-04	1.13E-04	3.43E-03	1.74E-04	6.48E-05	3.78E-03	1.07E-04	0.00E+00	2.31E-06	1.77E-06	1.11E-04
2208	495211.06, 3859801.99	0.056	0.10783	0.02723	0.02042	2.38E-04	0.00E+00	2.32E-06	1.76E-06	2.43E-04	1.12E-04	3.40E-03	1.74E-04	6.45E-05	3.75E-03	1.07E-04	0.00E+00	2.32E-06	1.76E-06	1.11E-04
2209	495261.06, 3859801.99	0.05578	0.10636	0.02735	0.02031	2.38E-04	0.00E+00	2.33E-06	1.75E-06	2.42E-04	1.12E-04	3.35E-03	1.74E-04	6.41E-05	3.70E-03	1.07E-04	0.00E+00	2.33E-06	1.75E-06	1.11E-04
2210	495311.06, 3859801.99	0.05561	0.10547	0.02734	0.02019	2.37E-04	0.00E+00	2.33E-06	1.74E-06	2.41E-04	1.12E-04	3.32E-03	1.74E-04	6.37E-05	3.67E-03	1.06E-04	0.00E+00	2.33E-06	1.74E-06	1.10E-04
2211	495361.06, 3859801.99	0.0554	0.10418	0.02741	0.02009	2.36E-04	0.00E+00	2.33E-06	1.73E-06	2.40E-04	1.11E-04	3.28E-03	1.75E-04	6.34E-05	3.63E-03	1.06E-04	0.00E+00	2.33E-06	1.73E-06	1.10E-04
2212	495411.06, 3859801.99	0.05516	0.10267	0.02753	0.01998	2.35E-04	0.00E+00	2.34E-06	1.72E-06	2.39E-04	1.11E-04	3.23E-03	1.76E-04	6.31E-05	3.58E-03	1.05E-04	0.00E+00	2.34E-06	1.72E-06	1.09E-04
2213	495461.06, 3859801.99	0.05494	0.10149	0.02758	0.01987	2.34E-04	0.00E+00	2.35E-06	1.71E-06	2.38E-04	1.10E-04	3.20E-03	1.76E-04	6.27E-05	3.55E-03	1.05E-04	0.00E+00	2.35E-06	1.71E-06	1.09E-04
2214	495511.06, 3859801.99	0.05466	0.09973	0.02774	0.01977	2.33E-04	0.00E+00	2.36E-06	1.70E-06	2.37E-04	1.10E-04	3.14E-03	1.77E-04	6.24E-05	3.49E-03	1.04E-04	0.00E+00	2.36E-06	1.70E-06	1.08E-04
2215	495561.06, 3859801.99	0.05447	0.09877	0.02774	0.01966	2.32E-04	0.00E+00	2.36E-06	1.69E-06	2.36E-04	1.09E-04	3.11E-03	1.77E-04	6.21E-05	3.46E-03	1.04E-04	0.00E+00	2.36E-06	1.69E-06	1.08E-04
2216	495611.06, 3859801.99	0.05434	0.0983	0.02764	0.01956	2.31E-04	0.00E+00	2.35E-06	1.68E-06	2.35E-04	1.09E-04	3.10E-03	1.76E-04	6.18E-05	3.44E-03	1.04E-04	0.00E+00	2.35E-06	1.68E-06	1.08E-04
2217	495661.06, 3859801.99	0.05406	0.09677	0.02775	0.01945	2.30E-04	0.00E+00	2.36E-06	1.67E-06	2.34E-04	1.09E-04	3.05E-03	1.77E-04	6.14E-05	3.40E-03	1.03E-04	0.00E+00	2.36E-06	1.67E-06	1.07E-04
2218	494311.06, 3859851.99	0.05919	0.13411	0.02437	0.0222	2.52E-04	0.00E+00	2.07E-06	1.91E-06	2.56E-04	1.19E-04	4.22E-03	1.55E-04	7.01E-05	4.57E-03	1.13E-04	0.00E+00	2.07E-06	1.91E-06	1.17E-04
2219	494361.06, 3859851.99	0.05892	0.13214	0.02453	0.02206	2.51E-04	0.00E+00	2.09E-06	1.90E-06	2.55E-04	1.18E-04	4.16E-03	1.56E-04	6.97E-05	4.51E-03	1.13E-04	0.00E+00	2.09E-06	1.90E-06	1.17E-04
2220	494411.06, 3859851.99	0.05862	0.12992	0.02473	0.02194	2.50E-04	0.00E+00	2.10E-06	1.89E-06	2.54E-04	1.18E-04	4.09E-03	1.58E-04	6.93E-05	4.44E-03	1.12E-04	0.00E+00	2.10E-06	1.89E-06	1.16E-04
2221	494461.06, 3859851.99	0.05837	0.12831	0.02485	0.02181	2.49E-04	0.00E+00	2.11E-06	1.88E-06	2.53E-04	1.17E-04	4.04E-03	1.59E-04	6.89E-05	4.39E-03	1.11E-04	0.00E+00	2.11E-06	1.88E-06	1.15E-04
2222	494511.06, 3859851.99	0.05821	0.12786	0.02481	0.02164	2.48E-04	0.00E+00	2.11E-06	1.86E-06	2.52E-04	1.17E-04	4.03E-03	1.58E-04	6.83E-05	4.37E-03	1.11E-04	0.00E+00	2.11E-06	1.86E-06	1.15E-04
2223	494561.06, 3859851.99	0.05808	0.12768	0.02472	0.02147	2.47E-04	0.00E+00	2.10E-06	1.85E-06	2.51E-04	1.17E-04	4.02E-03	1.58E-04	6.78E-05	4.36E-03	1.11E-04	0.00E+00	2.10E-06	1.85E-06	1.15E-04
2224	494611.06, 3859851.99	0.05772	0.1245	0.02508	0.02139	2.46E-04	0.00E+00	2.13E-06	1.84E-06	2.50E-04	1.16E-04	3.92E-03	1.60E-04	6.75E-05	4.27E-03	1.10E-04	0.00E+00	2.13E-06	1.84E-06	1.14E-04
2225	494661.06, 3859851.99	0.05755	0.12381	0.02506	0.02124	2.45E-04	0.00E+00	2.13E-06	1.83E-06	2.49E-04	1.16E-04	3.90E-03	1.60E-04	6.71E-05	4.24E-03	1.10E-04	0.00E+00	2.13E-06	1.83E-06	1.14E-04
2226	494711.06, 3859851.99	0.05726	0.12147	0.02532	0.02114	2.44E-04	0.00E+00	2.15E-06	1.82E-06	2.48E-04	1.15E-04	3.83E-03	1.62E-04	6.67E-05	4.17E-03	1.09E-04	0.00E+00	2.15E-06	1.82E-06	1.13E-04
2227	494761.06, 3859851.99	0.05714	0.12133	0.0252	0.02098	2.43E-04	0.00E+00	2.14E-06	1.81E-06	2.47E-04	1.15E-04	3.82E-03	1.61E-04	6.62E-05	4.16E-03	1.09E-04	0.00E+00	2.14E-06	1.81E-06	1.13E-04
2228	494811.06, 3859851.99	0.05692	0.11985	0.02532	0.02087	2.42E-04	0.00E+00	2.15E-06	1.80E-06	2.46E-04	1.14E-04	3.78E-03	1.62E-04	6.59E-05	4.12E-03	1.09E-04	0.00E+00	2.15E-06	1.80E-06	1.13E-04
2229	494861.06, 3859851.99	0.05675	0.11895	0.02533	0.02073	2.42E-04	0.00E+00	2.15E-06	1.79E-06	2.46E-04	1.14E-04	3.75E-03	1.62E-04	6.55E-05	4.09E-03	1.08E-04	0.00E+00	2.15E-06	1.79E-06	1.12E-04
2230	494911.06, 3859851.99	0.05651	0.11725	0.02549	0.02063	2.41E-04	0.00E+00	2.17E-06	1.78E-06	2.45E-04	1.14E-04	3.69E-03	1.63E-04	6.51E-05	4.03E-03	1.08E-04	0.00E+00	2.17E-06	1.78E-06	1.12E-04
2231	494961.06, 3859851.99	0.05632	0.11598	0.02557	0.02051	2.40E-04	0.00E+00	2.17E-06	1.77E-06	2.44E-04	1.13E-04	3.65E-03	1.63E-04	6.48E-05	3.99E-03	1.08E-04	0.00E+00	2.17E-06	1.77E-06	1.12E-04
2232	495011.06, 3859851.99	0.05612	0.11468	0.02565	0.0204	2.39E-04	0.00E+00	2.18E-06	1.76E-06	2.43E-04	1.13E-04	3.61E-03	1.64E-04	6.44E-05	3.95E-03	1.07E-04	0.00E+00	2.18E-06	1.76E-06	1.11E-04
2233	495061.06, 3859851.99	0.05594	0.11364	0.02569	0.02028	2.38E-04	0.00E+00	2.18E-06	1.75E-06	2.42E-04	1.12E-04	3.58E-03	1.64E-04	6.40E-05	3.92E-03	1.07E-04	0.00E+00	2.18E-06	1.75E-06	1.11E-04
2234	495111.06, 3859851.99	0.05571	0.11196	0.02585	0.02018	2.37E-04	0.00E+00	2.20E-06	1.74E-06	2.41E-04	1.12E-04	3.53E-03	1.65E-04	6.37E-05	3.87E-03	1.06E-04	0.00E+00	2.20E-06	1.74E-06	1.10E-04
2235	495161.06, 3859851.99	0.05551	0.11061	0.02595	0.02008	2.36E-04	0.00E+00	2.21E-06	1.73E-06	2.40E-04	1.11E-04	3.48E-03	1.66E-04	6.34E-05	3.82E-03	1.06E-04	0.00E+00	2.21E-06	1.73E-06	1.10E-04
2236	495211.06, 3859851.99	0.05532	0.10938	0.02602	0.01997	2.36E-04	0.00E+00	2.21E-06	1.72E-06	2.40E-04	1.11E-04	3.45E-03	1.66E-04	6.31E-05	3.79E-03	1.06E-04	0.00E+00	2.21E-06	1.72E-06	1.10E-04
2237	495261.06, 3859851.99	0.05512	0.10805	0.02612	0.01987	2.35E-04	0.00E+00	2.22E-06	1.71E-06	2.39E-04	1.11E-04	3.40E-03	1.67E-04	6.27E-05	3.74E-03	1.05E-04	0.00E+00	2.22E-06	1.71E-06	1.09E-04
2238	495311.06, 3859851.99	0.05495	0.10703	0.02615	0.01976	2.34E-04	0.00E+00	2.22E-06	1.70E-06	2.38E-04	1.10E-04	3.37E-03	1.67E-04	6.24E-05	3.71E-03	1.05E-04	0.00E+00	2.22E-06	1.70E-06	1.09E-04

2239	495361.06, 3859851.99	0.05477	0.10588	0.02621	0.01966	2.33E-04	0.00E+00	2.23E-06	1.69E-06	2.37E-04	1.10E-04	3.34E-03	1.67E-04	6.21E-05	3.67E-03	1.05E-04	0.00E+00	2.23E-06	1.69E-06	1.09E-04
2240	495411.06, 3859851.99	0.05455	0.10441	0.02633	0.01956	2.32E-04	0.00E+00	2.24E-06	1.68E-06	2.36E-04	1.10E-04	3.29E-03	1.68E-04	6.18E-05	3.63E-03	1.04E-04	0.00E+00	2.24E-06	1.68E-06	1.08E-04
2241	495461.06, 3859851.99	0.05433	0.10301	0.02645	0.01947	2.31E-04	0.00E+00	2.25E-06	1.68E-06	2.35E-04	1.09E-04	3.24E-03	1.69E-04	6.15E-05	3.58E-03	1.04E-04	0.00E+00	2.25E-06	1.68E-06	1.08E-04
2242	495511.06, 3859851.99	0.05409	0.10143	0.02659	0.01937	2.30E-04	0.00E+00	2.26E-06	1.67E-06	2.34E-04	1.09E-04	3.20E-03	1.70E-04	6.12E-05	3.53E-03	1.03E-04	0.00E+00	2.26E-06	1.67E-06	1.07E-04
2243	495561.06, 3859851.99	0.05394	0.10063	0.02658	0.01927	2.30E-04	0.00E+00	2.26E-06	1.66E-06	2.34E-04	1.08E-04	3.17E-03	1.70E-04	6.08E-05	3.51E-03	1.03E-04	0.00E+00	2.26E-06	1.66E-06	1.07E-04
2244	495611.06, 3859851.99	0.05377	0.09975	0.02658	0.01917	2.29E-04	0.00E+00	2.26E-06	1.65E-06	2.33E-04	1.08E-04	3.14E-03	1.70E-04	6.05E-05	3.48E-03	1.03E-04	0.00E+00	2.26E-06	1.65E-06	1.07E-04
2245	495661.06, 3859851.99	0.05352	0.09827	0.0267	0.01908	2.28E-04	0.00E+00	2.27E-06	1.64E-06	2.32E-04	1.07E-04	3.10E-03	1.70E-04	6.02E-05	3.43E-03	1.02E-04	0.00E+00	2.27E-06	1.64E-06	1.06E-04
2246	494311.06, 3859901.99	0.05844	0.13487	0.02328	0.02167	2.49E-04	0.00E+00	1.98E-06	1.87E-06	2.53E-04	1.17E-04	4.25E-03	1.48E-04	6.84E-05	4.58E-03	1.12E-04	0.00E+00	1.98E-06	1.87E-06	1.15E-04
2247	494361.06, 3859901.99	0.05811	0.13202	0.02352	0.02157	2.47E-04	0.00E+00	2.00E-06	1.86E-06	2.51E-04	1.17E-04	4.16E-03	1.50E-04	6.81E-05	4.49E-03	1.11E-04	0.00E+00	2.00E-06	1.86E-06	1.15E-04
2248	494411.06, 3859901.99	0.05791	0.13116	0.02354	0.02141	2.47E-04	0.00E+00	2.00E-06	1.84E-06	2.50E-04	1.16E-04	4.13E-03	1.50E-04	6.76E-05	4.47E-03	1.11E-04	0.00E+00	2.00E-06	1.84E-06	1.14E-04
2249	494461.06, 3859901.99	0.05767	0.12962	0.02365	0.02128	2.46E-04	0.00E+00	2.01E-06	1.83E-06	2.49E-04	1.16E-04	4.08E-03	1.51E-04	6.72E-05	4.42E-03	1.10E-04	0.00E+00	2.01E-06	1.83E-06	1.14E-04
2250	494511.06, 3859901.99	0.05747	0.12865	0.02368	0.02113	2.45E-04	0.00E+00	2.01E-06	1.82E-06	2.49E-04	1.15E-04	4.05E-03	1.51E-04	6.67E-05	4.39E-03	1.10E-04	0.00E+00	2.01E-06	1.82E-06	1.14E-04
2251	494561.06, 3859901.99	0.05736	0.12888	0.02357	0.02096	2.44E-04	0.00E+00	2.00E-06	1.80E-06	2.48E-04	1.15E-04	4.06E-03	1.50E-04	6.62E-05	4.39E-03	1.10E-04	0.00E+00	2.00E-06	1.80E-06	1.13E-04
2252	494611.06, 3859901.99	0.057	0.12561	0.0239	0.02088	2.43E-04	0.00E+00	2.03E-06	1.80E-06	2.47E-04	1.14E-04	3.96E-03	1.52E-04	6.59E-05	4.29E-03	1.09E-04	0.00E+00	2.03E-06	1.80E-06	1.13E-04
2253	494661.06, 3859901.99	0.05688	0.12557	0.02381	0.02072	2.42E-04	0.00E+00	2.02E-06	1.78E-06	2.46E-04	1.14E-04	3.96E-03	1.52E-04	6.54E-05	4.29E-03	1.09E-04	0.00E+00	2.02E-06	1.78E-06	1.12E-04
2254	494711.06, 3859901.99	0.05652	0.12244	0.02415	0.02065	2.41E-04	0.00E+00	2.05E-06	1.78E-06	2.45E-04	1.14E-04	3.86E-03	1.54E-04	6.52E-05	4.19E-03	1.08E-04	0.00E+00	2.05E-06	1.78E-06	1.12E-04
2255	494761.06, 3859901.99	0.05637	0.12194	0.02412	0.0205	2.40E-04	0.00E+00	2.05E-06	1.77E-06	2.44E-04	1.13E-04	3.84E-03	1.54E-04	6.47E-05	4.17E-03	1.08E-04	0.00E+00	2.05E-06	1.77E-06	1.11E-04
2256	494811.06, 3859901.99	0.05623	0.12147	0.02407	0.02036	2.39E-04	0.00E+00	2.05E-06	1.75E-06	2.43E-04	1.13E-04	3.83E-03	1.54E-04	6.43E-05	4.16E-03	1.07E-04	0.00E+00	2.05E-06	1.75E-06	1.11E-04
2257	494861.06, 3859901.99	0.05605	0.12048	0.02411	0.02024	2.39E-04	0.00E+00	2.05E-06	1.74E-06	2.42E-04	1.13E-04	3.80E-03	1.54E-04	6.39E-05	4.13E-03	1.07E-04	0.00E+00	2.05E-06	1.74E-06	1.11E-04
2258	494911.06, 3859901.99	0.05581	0.11876	0.02426	0.02014	2.38E-04	0.00E+00	2.06E-06	1.73E-06	2.41E-04	1.12E-04	3.74E-03	1.55E-04	6.36E-05	4.07E-03	1.07E-04	0.00E+00	2.06E-06	1.73E-06	1.10E-04
2259	494961.06, 3859901.99	0.05563	0.11768	0.02431	0.02002	2.37E-04	0.00E+00	2.07E-06	1.72E-06	2.41E-04	1.12E-04	3.71E-03	1.55E-04	6.32E-05	4.04E-03	1.06E-04	0.00E+00	2.07E-06	1.72E-06	1.10E-04
2260	495011.06, 3859901.99	0.05542	0.11616	0.02443	0.01992	2.36E-04	0.00E+00	2.08E-06	1.72E-06	2.40E-04	1.11E-04	3.66E-03	1.56E-04	6.29E-05	3.99E-03	1.06E-04	0.00E+00	2.08E-06	1.72E-06	1.10E-04
2261	495061.06, 3859901.99	0.05522	0.11485	0.02453	0.01981	2.35E-04	0.00E+00	2.09E-06	1.71E-06	2.39E-04	1.11E-04	3.62E-03	1.56E-04	6.25E-05	3.95E-03	1.05E-04	0.00E+00	2.09E-06	1.71E-06	1.09E-04
2262	495111.06, 3859901.99	0.05499	0.11316	0.02469	0.01972	2.34E-04	0.00E+00	2.10E-06	1.70E-06	2.38E-04	1.10E-04	3.56E-03	1.57E-04	6.23E-05	3.89E-03	1.05E-04	0.00E+00	2.10E-06	1.70E-06	1.09E-04
2263	495161.06, 3859901.99	0.05478	0.11161	0.02483	0.01963	2.33E-04	0.00E+00	2.11E-06	1.69E-06	2.37E-04	1.10E-04	3.52E-03	1.58E-04	6.20E-05	3.85E-03	1.05E-04	0.00E+00	2.11E-06	1.69E-06	1.08E-04
2264	495211.06, 3859901.99	0.05462	0.11074	0.02484	0.01951	2.33E-04	0.00E+00	2.11E-06	1.68E-06	2.36E-04	1.10E-04	3.49E-03	1.58E-04	6.16E-05	3.82E-03	1.04E-04	0.00E+00	2.11E-06	1.68E-06	1.08E-04
2265	495261.06, 3859901.99	0.05439	0.10896	0.02504	0.01943	2.32E-04	0.00E+00	2.13E-06	1.67E-06	2.35E-04	1.09E-04	3.43E-03	1.60E-04	6.13E-05	3.76E-03	1.04E-04	0.00E+00	2.13E-06	1.67E-06	1.08E-04
2266	495311.06, 3859901.99	0.05424	0.10813	0.02504	0.01932	2.31E-04	0.00E+00	2.13E-06	1.66E-06	2.35E-04	1.09E-04	3.41E-03	1.60E-04	6.10E-05	3.74E-03	1.04E-04	0.00E+00	2.13E-06	1.66E-06	1.07E-04
2267	495361.06, 3859901.99	0.05405	0.10682	0.02514	0.01923	2.30E-04	0.00E+00	2.14E-06	1.66E-06	2.34E-04	1.09E-04	3.36E-03	1.60E-04	6.07E-05	3.69E-03	1.03E-04	0.00E+00	2.14E-06	1.66E-06	1.07E-04
2268	495411.06, 3859901.99	0.05384	0.10531	0.02529	0.01914	2.29E-04	0.00E+00	2.15E-06	1.65E-06	2.33E-04	1.08E-04	3.32E-03	1.61E-04	6.04E-05	3.65E-03	1.03E-04	0.00E+00	2.15E-06	1.65E-06	1.07E-04
2269	495461.06, 3859901.99	0.05364	0.104	0.02539	0.01905	2.28E-04	0.00E+00	2.16E-06	1.64E-06	2.32E-04	1.08E-04	3.28E-03	1.62E-04	6.01E-05	3.61E-03	1.02E-04	0.00E+00	2.16E-06	1.64E-06	1.06E-04
2270	495511.06, 3859901.99	0.05349	0.10311	0.02541	0.01895	2.28E-04	0.00E+00	2.16E-06	1.63E-06	2.32E-04	1.07E-04	3.25E-03	1.62E-04	5.98E-05	3.58E-03	1.02E-04	0.00E+00	2.16E-06	1.63E-06	1.06E-04
2271	495561.06, 3859901.99	0.05333	0.10221	0.02543	0.01886	2.27E-04	0.00E+00	2.16E-06	1.62E-06	2.31E-04	1.07E-04	3.22E-03	1.62E-04	5.95E-05	3.55E-03	1.02E-04	0.00E+00	2.16E-06	1.62E-06	1.06E-04
2272	495611.06, 3859901.99	0.05312	0.10084	0.02554	0.01877	2.26E-04	0.00E+00	2.17E-06	1.62E-06	2.30E-04	1.07E-04	3.18E-03	1.63E-04	5.93E-05	3.51E-03	1.01E-04	0.00E+00	2.17E-06	1.62E-06	1.05E-04
2273	495661.06, 3859901.99	0.0529	0.09939	0.02568	0.01869	2.25E-04	0.00E+00	2.18E-06	1.61E-06	2.29E-04	1.06E-04	3.13E-03	1.64E-04	5.90E-05	3.46E-03	1.01E-04	0.00E+00	2.18E-06	1.61E-06	1.05E-04
2274	494311.06, 3859951.99	0.05786	0.13585	0.02226	0.02113	2.46E-04	0.00E+00	1.89E-06	1.82E-06	2.50E-04	1.16E-04	4.28E-03	1.42E-04	6.67E-05	4.60E-03	1.11E-04	0.00E+00	1.89E-06	1.82E-06	1.14E-04
2275	494361.06, 3859951.99	0.05763	0.13384	0.02238	0.02101	2.45E-04	0.00E+00	1.90E-06	1.81E-06	2.49E-04	1.16E-04	4.22E-03	1.43E-04	6.63E-05	4.54E-03	1.10E-04	0.00E+00	1.90E-06	1.81E-06	1.14E-04
2276	494411.06, 3859951.99	0.0572	0.13205	0.02249	0.02089	2.44E-04	0.00E+00	1.91E-06	1.80E-06	2.47E-04	1.15E-04	4.16E-03	1.43E-04	6.60E-05	4.48E-03	1.09E-04	0.00E+00	1.91E-06	1.80E-06	1.13E-04
2277	494461.06, 3859951.99	0.05696	0.13056	0.02258	0.02076	2.43E-04	0.00E+00	1.92E-06	1.79E-06	2.46E-04	1.14E-04	4.11E-03	1.44E-04	6.55E-05	4.44E-03	1.09E-04	0.00E+00	1.92E-06	1.79E-06	1.12E-04
2278	494511.06, 3859951.99	0.05677	0.12963	0.02261	0.02062	2.42E-04	0.00E+00	1.92E-06	1.78E-06	2.45E-04	1.14E-04	4.08E-03	1.44E-04	6.51E-05	4.41E-03	1.08E-04	0.00E+00	1.92E-06	1.78E-06	1.12E-04
2279	494561.06, 3859951.99	0.05681	0.13017	0.0225	0.02044	2.42E-04	0.00E+00	1.91E-06	1.76E-06	2.46E-04	1.14E-04	4.10E-03	1.44E-04	6.45E-05	4.42E-03	1.09E-04	0.00E+00	1.91E-06	1.76E-06	1.12E-04
2280	494611.06, 3859951.99	0.05635	0.1273	0.02273	0.02036	2.40E-04	0.00E+00	1.93E-06	1.75E-06	2.44E-04	1.13E-04	4.01E-03	1.45E-04	6.43E-05	4.33E-03	1.08E-04	0.00E+00	1.93E-06	1.75E-06	1.11E-04
2281	494661.06, 3859951.99	0.0564	0.12704	0.02269	0.02021	2.40E-04	0.00E+00	1.93E-06	1.74E-06	2.44E-04	1.13E-04	4.00E-03	1.45E-04	6.38E-05	4.32E-03	1.08E-04	0.00E+00	1.93E-06	1.74E-06	1.11E-04
2282	494711.06, 3859951.99	0.0559	0.12443	0.02291	0.02013	2.38E-04	0.00E+00	1.95E-06	1.73E-06	2.42E-04	1.12E-04	3.92E-03	1.46E-04	6.36E-05	4.24E-03	1.07E-04	0.00E+00	1.95E-06	1.73E-06	1.10E-04
2283	494761.06, 3859951.99	0.05572	0.12351	0.02294	0.02	2.37E-04	0.00E+00	1.95E-06	1.72E-06	2.41E-04	1.12E-04	3.89E-03	1.46E-04	6.31E-05	4.21E-03	1.06E-04	0.00E+00	1.95E-06	1.72E-06	1.10E-04
2284	494811.06, 3859951.99	0.05553	0.12239	0.023	0.01988	2.36E-04	0.00E+00	1.96E-06	1.71E-06	2.40E-04	1.12E-04	3.86E-03	1.47E-04	6.28E-05	4.18E-03	1.06E-04	0.00E+00	1.96E-06	1.71E-06	1.10E-04
2285	494861.06, 3859951.99	0.05537	0.12176	0.023	0.01975	2.36E-04	0.00E+00	1.96E-06	1.70E-06	2.39E-04	1.11E-04	3.84E-03	1.47E-04	6.24E-05	4.16E-03	1.06E-04	0.00E+00	1.96E-06	1.70E-06	1.09E-04
2286	494911.06, 3859951.99	0.05513	0.12001	0.02313	0.01965	2.35E-04	0.00E+00	1.97E-06	1.69E-06	2.38E-04	1.11E-04	3.78E-03	1.48E-04	6.20E-05	4.10E-03	1.05E-04	0.00E+00	1.97E-06	1.69E-06	1.09E-04
2287	494961.06, 3859951.99	0.05491	0.11843	0.02326	0.01955	2.34E-04	0.00E+00	1.98E-06	1.68E-06	2.38E-04	1.10E-04	3.73E-03	1.48E-04	6.17E-05	4.05E-03	1.05E-04	0.00E+00	1.98E-06	1.68E-06	1.09E-04
2288	495011.06, 3859951.99	0.0547	0.11701	0.02336	0.01945	2.33E-04	0.00E+00	1.99E-06	1.67E-06	2.37E-04	1.10E-04	3.69E-03	1.49E-04	6.14E-05	4.01E-03	1.04E-04	0.00E+00	1.99E-06	1.67E-06	1.08E-04
2289	495061.06, 3859951.99	0.05451	0.11585	0.02343	0.01935	2.32E-04	0.00E+00	1.99E-06	1.67E-06	2.36E-04	1.09E-04	3.65E-03	1.49E-04	6.11E-05	3.97E-03	1.04E-04	0.00E+00	1.99E-06	1.67E-06	1.08E-04
2290	495111.06, 3859951.99	0.05429	0.11419	0.02358	0.01926	2.31E-04	0.00E+00	2.01E-06	1.66E-06	2.35E-04	1.09E-04	3.60E-03	1.50E-04	6.08E-05	3.92E-03	1.04E-04	0.00E+00	2.01E-06	1.66E-06	1.07E-04
2291	495161.06, 3859951.99	0.05407	0.11262	0.02373	0.01917	2.30E-04	0.00E+00	2.02E-06	1.65E-06	2.34E-04	1.09E-04	3.55E-03	1.51E-04	6.05E-05	3.87E-03	1.03E-04	0.00E+00	2.02E-06	1.65E-06	1.07E-04
2292	495211.06, 3859951.99	0.05387	0.11109	0.02387	0.01909	2.29E-04	0.00E+00	2.03E-06	1.64E-06	2.33E-04	1.08E-04	3.50E-03	1.52E-04	6.03E-05	3.82E-03	1.03E-04	0.00E+00	2.03E-06	1.64E-06	1.07E-04
2293	495261.06, 3859951.99	0.05368	0.10986	0.02396	0.01899	2.29E-04	0.00E+00	2.04E-06	1.64E-06	2.32E-04	1.08E-04	3.46E-03	1.53E-04	6.00E-05	3.78E-03	1.03E-04	0.00E+00	2.04E-06	1.64E-06	1.06E-04
2294	495311.06, 3859951.99	0.05354	0.10913	0.02395	0.01888	2.28E-04	0.00E+00	2.04E-06	1.63E-06	2.32E-04	1.08E-04	3.44E-03	1.53E-04	5.96E-05	3.76E-03	1.02E-04	0.00E+00	2.04E-06	1.63E-06	1.06E-04
2295	495361.06, 3859951.99	0.05337	0.10805	0.02402	0.01879	2.27E-04	0.00E+00	2.04E-06	1.62E-06	2.31E-04	1.07E-04	3.40E-03	1.53E-04	5.93E-05	3.72E-03	1.02E-04	0.00E+00	2.04E-06	1.62E-06	1.06E-04
2296	495411.06, 3859951.99	0.05317	0.10659	0.02416	0.01871	2.26E-04	0.00E+00	2.05E-06	1.61E-06	2.30E-04	1.07E-04	3.36E-03	1.54E-04	5.91E-05	3.68E-03	1.02E-04	0.00E+00	2.05E-06	1.61E-06	1.05E-04
2297	495461.06, 3859951.99	0.05298	0.10529	0.02426	0.01862	2.26E-04	0.00E+00	2.06E-06	1.60E-06	2.29E-04	1.06E-04	3.32E-03	1.55E-04	5.88E-05	3.64E-03	1.01E-04	0.00E+00	2.06E-06	1.60E-06	1.05E-04

2298	495511.06, 3859951.99	0.05279	0.10399	0.02438	0.01854	2.25E-04	0.00E+00	2.07E-06	1.60E-06	2.28E-04	1.06E-04	3.28E-03	1.56E-04	5.85E-05	3.60E-03	1.01E-04	0.00E+00	2.07E-06	1.60E-06	1.04E-04
2299	495561.06, 3859951.99	0.05267	0.10344	0.02433	0.01844	2.24E-04	0.00E+00	2.07E-06	1.59E-06	2.28E-04	1.06E-04	3.26E-03	1.55E-04	5.82E-05	3.58E-03	1.01E-04	0.00E+00	2.07E-06	1.59E-06	1.04E-04
2300	495611.06, 3859951.99	0.05248	0.10208	0.02446	0.01836	2.23E-04	0.00E+00	2.08E-06	1.58E-06	2.27E-04	1.05E-04	3.22E-03	1.56E-04	5.80E-05	3.53E-03	1.00E-04	0.00E+00	2.08E-06	1.58E-06	1.04E-04
2301	495661.06, 3859951.99	0.05226	0.10049	0.02463	0.01829	2.23E-04	0.00E+00	2.09E-06	1.57E-06	2.26E-04	1.05E-04	3.17E-03	1.57E-04	5.77E-05	3.49E-03	9.98E-05	0.00E+00	2.09E-06	1.57E-06	1.03E-04
2302	494311.06, 3860001.99	0.05704	0.13649	0.02137	0.02061	2.43E-04	0.00E+00	1.82E-06	1.77E-06	2.47E-04	1.15E-04	4.30E-03	1.36E-04	6.51E-05	4.62E-03	1.09E-04	0.00E+00	1.82E-06	1.77E-06	1.13E-04
2303	494361.06, 3860001.99	0.05682	0.13492	0.02144	0.02048	2.42E-04	0.00E+00	1.82E-06	1.76E-06	2.46E-04	1.14E-04	4.25E-03	1.37E-04	6.47E-05	4.57E-03	1.09E-04	0.00E+00	1.82E-06	1.76E-06	1.12E-04
2304	494411.06, 3860001.99	0.0566	0.1326	0.02156	0.02038	2.41E-04	0.00E+00	1.83E-06	1.75E-06	2.45E-04	1.14E-04	4.18E-03	1.38E-04	6.43E-05	4.49E-03	1.08E-04	0.00E+00	1.83E-06	1.75E-06	1.12E-04
2305	494461.06, 3860001.99	0.0564	0.13152	0.0216	0.02025	2.40E-04	0.00E+00	1.84E-06	1.74E-06	2.44E-04	1.13E-04	4.14E-03	1.38E-04	6.39E-05	4.46E-03	1.08E-04	0.00E+00	1.84E-06	1.74E-06	1.11E-04
2306	494511.06, 3860001.99	0.05619	0.12976	0.0217	0.02013	2.39E-04	0.00E+00	1.85E-06	1.73E-06	2.43E-04	1.13E-04	4.09E-03	1.38E-04	6.36E-05	4.40E-03	1.07E-04	0.00E+00	1.85E-06	1.73E-06	1.11E-04
2307	494561.06, 3860001.99	0.056	0.13093	0.02158	0.01994	2.38E-04	0.00E+00	1.84E-06	1.72E-06	2.42E-04	1.12E-04	4.12E-03	1.38E-04	6.30E-05	4.44E-03	1.07E-04	0.00E+00	1.84E-06	1.72E-06	1.11E-04
2308	494611.06, 3860001.99	0.0558	0.12902	0.02169	0.01984	2.38E-04	0.00E+00	1.84E-06	1.71E-06	2.41E-04	1.12E-04	4.06E-03	1.38E-04	6.26E-05	4.38E-03	1.07E-04	0.00E+00	1.84E-06	1.71E-06	1.10E-04
2309	494661.06, 3860001.99	0.0556	0.12792	0.02173	0.01971	2.37E-04	0.00E+00	1.85E-06	1.70E-06	2.40E-04	1.12E-04	4.03E-03	1.39E-04	6.22E-05	4.34E-03	1.06E-04	0.00E+00	1.85E-06	1.70E-06	1.10E-04
2310	494711.06, 3860001.99	0.05517	0.12443	0.022	0.01966	2.35E-04	0.00E+00	1.87E-06	1.69E-06	2.39E-04	1.11E-04	3.92E-03	1.40E-04	6.21E-05	4.23E-03	1.05E-04	0.00E+00	1.87E-06	1.69E-06	1.09E-04
2311	494761.06, 3860001.99	0.0552	0.12453	0.02194	0.01951	2.35E-04	0.00E+00	1.87E-06	1.68E-06	2.39E-04	1.11E-04	3.92E-03	1.40E-04	6.16E-05	4.24E-03	1.05E-04	0.00E+00	1.87E-06	1.68E-06	1.09E-04
2312	494811.06, 3860001.99	0.05501	0.12363	0.02197	0.01939	2.34E-04	0.00E+00	1.87E-06	1.67E-06	2.38E-04	1.10E-04	3.89E-03	1.40E-04	6.12E-05	4.21E-03	1.05E-04	0.00E+00	1.87E-06	1.67E-06	1.09E-04
2313	494861.06, 3860001.99	0.05483	0.12293	0.02198	0.01926	2.34E-04	0.00E+00	1.87E-06	1.66E-06	2.37E-04	1.10E-04	3.87E-03	1.40E-04	6.08E-05	4.18E-03	1.05E-04	0.00E+00	1.87E-06	1.66E-06	1.08E-04
2314	494911.06, 3860001.99	0.05438	0.11981	0.02225	0.01921	2.32E-04	0.00E+00	1.89E-06	1.65E-06	2.35E-04	1.09E-04	3.77E-03	1.42E-04	6.07E-05	4.09E-03	1.04E-04	0.00E+00	1.89E-06	1.65E-06	1.07E-04
2315	494961.06, 3860001.99	0.05422	0.11903	0.02228	0.0191	2.31E-04	0.00E+00	1.89E-06	1.64E-06	2.34E-04	1.09E-04	3.75E-03	1.42E-04	6.03E-05	4.06E-03	1.04E-04	0.00E+00	1.89E-06	1.64E-06	1.07E-04
2316	495011.06, 3860001.99	0.05399	0.11747	0.02239	0.019	2.30E-04	0.00E+00	1.90E-06	1.64E-06	2.33E-04	1.08E-04	3.70E-03	1.43E-04	6.00E-05	4.01E-03	1.03E-04	0.00E+00	1.90E-06	1.64E-06	1.07E-04
2317	495061.06, 3860001.99	0.05384	0.11676	0.0224	0.01889	2.29E-04	0.00E+00	1.91E-06	1.63E-06	2.33E-04	1.08E-04	3.68E-03	1.43E-04	5.96E-05	3.99E-03	1.03E-04	0.00E+00	1.91E-06	1.63E-06	1.06E-04
2318	495111.06, 3860001.99	0.05362	0.11516	0.02253	0.0188	2.28E-04	0.00E+00	1.92E-06	1.62E-06	2.32E-04	1.08E-04	3.63E-03	1.44E-04	5.94E-05	3.94E-03	1.02E-04	0.00E+00	1.92E-06	1.62E-06	1.06E-04
2319	495161.06, 3860001.99	0.0534	0.11359	0.02267	0.01872	2.27E-04	0.00E+00	1.93E-06	1.61E-06	2.31E-04	1.07E-04	3.58E-03	1.45E-04	5.91E-05	3.89E-03	1.02E-04	0.00E+00	1.93E-06	1.61E-06	1.06E-04
2320	495211.06, 3860001.99	0.05325	0.11284	0.02268	0.01861	2.27E-04	0.00E+00	1.93E-06	1.60E-06	2.30E-04	1.07E-04	3.55E-03	1.45E-04	5.88E-05	3.86E-03	1.02E-04	0.00E+00	1.93E-06	1.60E-06	1.05E-04
2321	495261.06, 3860001.99	0.05305	0.1114	0.0228	0.01853	2.26E-04	0.00E+00	1.94E-06	1.60E-06	2.29E-04	1.07E-04	3.51E-03	1.45E-04	5.85E-05	3.82E-03	1.01E-04	0.00E+00	1.94E-06	1.60E-06	1.05E-04
2322	495311.06, 3860001.99	0.05287	0.11032	0.02286	0.01844	2.25E-04	0.00E+00	1.94E-06	1.59E-06	2.29E-04	1.06E-04	3.48E-03	1.46E-04	5.82E-05	3.79E-03	1.01E-04	0.00E+00	1.94E-06	1.59E-06	1.05E-04
2323	495361.06, 3860001.99	0.05263	0.1083	0.02309	0.01838	2.24E-04	0.00E+00	1.96E-06	1.58E-06	2.28E-04	1.06E-04	3.41E-03	1.47E-04	5.80E-05	3.72E-03	1.01E-04	0.00E+00	1.96E-06	1.58E-06	1.04E-04
2324	495411.06, 3860001.99	0.05251	0.1078	0.02306	0.01827	2.24E-04	0.00E+00	1.96E-06	1.57E-06	2.27E-04	1.05E-04	3.40E-03	1.47E-04	5.77E-05	3.71E-03	1.00E-04	0.00E+00	1.96E-06	1.57E-06	1.04E-04
2325	495461.06, 3860001.99	0.05233	0.10658	0.02315	0.01819	2.23E-04	0.00E+00	1.97E-06	1.57E-06	2.26E-04	1.05E-04	3.36E-03	1.48E-04	5.74E-05	3.67E-03	9.99E-05	0.00E+00	1.97E-06	1.57E-06	1.03E-04
2326	495511.06, 3860001.99	0.05216	0.10542	0.02324	0.01811	2.22E-04	0.00E+00	1.98E-06	1.56E-06	2.26E-04	1.05E-04	3.32E-03	1.48E-04	5.72E-05	3.63E-03	9.96E-05	0.00E+00	1.98E-06	1.56E-06	1.03E-04
2327	495561.06, 3860001.99	0.05202	0.10467	0.02325	0.01801	2.22E-04	0.00E+00	1.98E-06	1.55E-06	2.25E-04	1.04E-04	3.30E-03	1.48E-04	5.69E-05	3.61E-03	9.94E-05	0.00E+00	1.98E-06	1.55E-06	1.03E-04
2328	495611.06, 3860001.99	0.05182	0.10319	0.02339	0.01794	2.21E-04	0.00E+00	1.99E-06	1.54E-06	2.24E-04	1.04E-04	3.25E-03	1.49E-04	5.66E-05	3.56E-03	9.90E-05	0.00E+00	1.99E-06	1.54E-06	1.03E-04
2329	495661.06, 3860001.99	0.05163	0.10179	0.02353	0.01787	2.20E-04	0.00E+00	2.00E-06	1.54E-06	2.23E-04	1.04E-04	3.21E-03	1.50E-04	5.64E-05	3.52E-03	9.86E-05	0.00E+00	2.00E-06	1.54E-06	1.02E-04
2330	494411.06, 3860051.99	0.05581	0.13357	0.0207	0.01986	2.38E-04	0.00E+00	1.76E-06	1.71E-06	2.41E-04	1.12E-04	4.21E-03	1.32E-04	6.27E-05	4.51E-03	1.07E-04	0.00E+00	1.76E-06	1.71E-06	1.10E-04
2331	494461.06, 3860051.99	0.05561	0.13202	0.02076	0.01975	2.37E-04	0.00E+00	1.77E-06	1.70E-06	2.40E-04	1.12E-04	4.16E-03	1.32E-04	6.24E-05	4.47E-03	1.06E-04	0.00E+00	1.77E-06	1.70E-06	1.10E-04
2332	494511.06, 3860051.99	0.0554	0.13063	0.02082	0.01963	2.36E-04	0.00E+00	1.77E-06	1.69E-06	2.39E-04	1.11E-04	4.11E-03	1.33E-04	6.20E-05	4.42E-03	1.06E-04	0.00E+00	1.77E-06	1.69E-06	1.09E-04
2333	494561.06, 3860051.99	0.05521	0.13061	0.0208	0.01948	2.35E-04	0.00E+00	1.77E-06	1.68E-06	2.39E-04	1.11E-04	4.11E-03	1.33E-04	6.15E-05	4.42E-03	1.05E-04	0.00E+00	1.77E-06	1.68E-06	1.09E-04
2334	494611.06, 3860051.99	0.05501	0.12976	0.02083	0.01935	2.34E-04	0.00E+00	1.77E-06	1.67E-06	2.38E-04	1.10E-04	4.09E-03	1.33E-04	6.11E-05	4.39E-03	1.05E-04	0.00E+00	1.77E-06	1.67E-06	1.09E-04
2335	494661.06, 3860051.99	0.05481	0.12867	0.02087	0.01923	2.33E-04	0.00E+00	1.77E-06	1.66E-06	2.37E-04	1.10E-04	4.05E-03	1.33E-04	6.07E-05	4.36E-03	1.05E-04	0.00E+00	1.77E-06	1.66E-06	1.08E-04
2336	494711.06, 3860051.99	0.05461	0.12631	0.021	0.01915	2.33E-04	0.00E+00	1.79E-06	1.65E-06	2.36E-04	1.10E-04	3.98E-03	1.34E-04	6.05E-05	4.28E-03	1.04E-04	0.00E+00	1.79E-06	1.65E-06	1.08E-04
2337	494761.06, 3860051.99	0.05442	0.12536	0.02104	0.01903	2.32E-04	0.00E+00	1.79E-06	1.64E-06	2.35E-04	1.09E-04	3.95E-03	1.34E-04	6.01E-05	4.25E-03	1.04E-04	0.00E+00	1.79E-06	1.64E-06	1.07E-04
2338	494811.06, 3860051.99	0.05424	0.12492	0.02104	0.0189	2.31E-04	0.00E+00	1.79E-06	1.63E-06	2.34E-04	1.09E-04	3.93E-03	1.34E-04	5.97E-05	4.24E-03	1.04E-04	0.00E+00	1.79E-06	1.63E-06	1.07E-04
2339	494861.06, 3860051.99	0.05405	0.12431	0.02105	0.01878	2.30E-04	0.00E+00	1.79E-06	1.62E-06	2.34E-04	1.09E-04	3.92E-03	1.34E-04	5.93E-05	4.22E-03	1.03E-04	0.00E+00	1.79E-06	1.62E-06	1.07E-04
2340	494911.06, 3860051.99	0.05386	0.12244	0.02115	0.0187	2.29E-04	0.00E+00	1.80E-06	1.61E-06	2.33E-04	1.08E-04	3.86E-03	1.35E-04	5.90E-05	4.16E-03	1.03E-04	0.00E+00	1.80E-06	1.61E-06	1.06E-04
2341	494961.06, 3860051.99	0.05367	0.12049	0.02128	0.01862	2.29E-04	0.00E+00	1.81E-06	1.60E-06	2.32E-04	1.08E-04	3.80E-03	1.36E-04	5.88E-05	4.10E-03	1.03E-04	0.00E+00	1.81E-06	1.60E-06	1.06E-04
2342	495011.06, 3860051.99	0.05349	0.1188	0.02139	0.01853	2.28E-04	0.00E+00	1.82E-06	1.60E-06	2.31E-04	1.07E-04	3.74E-03	1.36E-04	5.85E-05	4.04E-03	1.02E-04	0.00E+00	1.82E-06	1.60E-06	1.06E-04
2343	495061.06, 3860051.99	0.05331	0.11746	0.02147	0.01844	2.27E-04	0.00E+00	1.83E-06	1.59E-06	2.30E-04	1.07E-04	3.70E-03	1.37E-04	5.82E-05	4.00E-03	1.02E-04	0.00E+00	1.83E-06	1.59E-06	1.05E-04
2344	495111.06, 3860051.99	0.05313	0.11566	0.02161	0.01836	2.26E-04	0.00E+00	1.84E-06	1.58E-06	2.30E-04	1.07E-04	3.64E-03	1.38E-04	5.80E-05	3.95E-03	1.01E-04	0.00E+00	1.84E-06	1.58E-06	1.05E-04
2345	495161.06, 3860051.99	0.05275	0.11439	0.02169	0.01828	2.25E-04	0.00E+00	1.84E-06	1.57E-06	2.28E-04	1.06E-04	3.60E-03	1.38E-04	5.77E-05	3.91E-03	1.01E-04	0.00E+00	1.84E-06	1.57E-06	1.04E-04
2346	495211.06, 3860051.99	0.05254	0.11292	0.0218	0.0182	2.24E-04	0.00E+00	1.85E-06	1.57E-06	2.27E-04	1.06E-04	3.56E-03	1.39E-04	5.75E-05	3.86E-03	1.00E-04	0.00E+00	1.85E-06	1.57E-06	1.04E-04
2347	495261.06, 3860051.99	0.05237	0.11193	0.02186	0.0181	2.23E-04	0.00E+00	1.86E-06	1.56E-06	2.26E-04	1.05E-04	3.53E-03	1.39E-04	5.71E-05	3.83E-03	1.00E-04	0.00E+00	1.86E-06	1.56E-06	1.03E-04
2348	495311.06, 3860051.99	0.05222	0.11109	0.02189	0.018	2.22E-04	0.00E+00	1.86E-06	1.55E-06	2.26E-04	1.05E-04	3.50E-03	1.40E-04	5.68E-05	3.80E-03	9.97E-05	0.00E+00	1.86E-06	1.55E-06	1.03E-04
2349	495361.06, 3860051.99	0.05205	0.11003	0.02195	0.01792	2.22E-04	0.00E+00	1.87E-06	1.54E-06	2.25E-04	1.05E-04	3.47E-03	1.40E-04	5.66E-05	3.77E-03	9.94E-05	0.00E+00	1.87E-06	1.54E-06	1.03E-04
2350	495411.06, 3860051.99	0.05187	0.10888	0.02203	0.01783	2.21E-04	0.00E+00	1.87E-06	1.54E-06	2.24E-04	1.04E-04	3.43E-03	1.41E-04	5.63E-05	3.73E-03	9.91E-05	0.00E+00	1.87E-06	1.54E-06	1.02E-04
2351	495461.06, 3860051.99	0.05168	0.10759	0.02213	0.01776	2.20E-04	0.00E+00	1.88E-06	1.53E-06	2.23E-04	1.04E-04	3.39E-03	1.41E-04	5.61E-05	3.69E-03	9.87E-05	0.00E+00	1.88E-06	1.53E-06	1.02E-04
2352	495511.06, 3860051.99	0.05153	0.10668	0.02217	0.01767	2.19E-04	0.00E+00	1.89E-06	1.52E-06	2.23E-04	1.03E-04	3.36E-03	1.41E-04	5.58E-05	3.66E-03	9.84E-05	0.00E+00	1.89E-06	1.52E-06	1.02E-04
2353	495561.06, 3860051.99	0.05136	0.10556	0.02225	0.01759	2.19E-04	0.00E+00	1.89E-06	1.51E-06	2.22E-04	1.03E-04	3.33E-03	1.42E-04	5.55E-05	3.63E-03	9.81E-05	0.00E+00	1.89E-06	1.51E-06	1.02E-04
2354	495611.06, 3860051.99	0.05118	0.10428	0.02236	0.01752	2.18E-04	0.00E+00	1.90E-06	1.51E-06	2.21E-04	1.03E-04	3.28E-03	1.43E-04	5.53E-05	3.59E-03	9.78E-05	0.00E+00	1.90E-06	1.51E-06	1.01E-04
2355	495661.06, 3860051.99	0.05098	0.1027	0.02252	0.01747	2.17E-04	0.00E+00	1.92E-06	1.50E-06	2.21E-04	1.02E-04	3.24E-03	1.44E-04	5.52E-05	3.54E-03	9.74E-05	0.00E+00	1.92E-06	1.50E-06	1.01E-04
2356	494411.06, 3860101.99	0.05503	0.13288	0.02	0.0194	2.34E-04	0.00E+00	1.70E-06	1.67E-06	2.38E-04	1.11E-04	4.19E-03	1.28E-04	6.13E-05	4.49E-03	1.05E-04	0.00E+00	1.70E-06	1.67E-06	1.08E-04

2357	494461.06, 3860101.99	0.05483	0.13266	0.02	0.01925	2.34E-04	0.00E+00	1.70E-06	1.66E-06	2.37E-04	1.10E-04	4.18E-03	1.28E-04	6.08E-05	4.48E-03	1.05E-04	0.00E+00	1.70E-06	1.66E-06	1.08E-04
2358	494511.06, 3860101.99	0.05463	0.13054	0.02008	0.01916	2.33E-04	0.00E+00	1.71E-06	1.65E-06	2.36E-04	1.10E-04	4.11E-03	1.28E-04	6.05E-05	4.41E-03	1.04E-04	0.00E+00	1.71E-06	1.65E-06	1.08E-04
2359	494561.06, 3860101.99	0.05443	0.12982	0.0201	0.01903	2.32E-04	0.00E+00	1.71E-06	1.64E-06	2.35E-04	1.09E-04	4.09E-03	1.28E-04	6.01E-05	4.39E-03	1.04E-04	0.00E+00	1.71E-06	1.64E-06	1.07E-04
2360	494611.06, 3860101.99	0.05423	0.12974	0.0201	0.01889	2.31E-04	0.00E+00	1.71E-06	1.63E-06	2.34E-04	1.09E-04	4.09E-03	1.28E-04	5.96E-05	4.38E-03	1.04E-04	0.00E+00	1.71E-06	1.63E-06	1.07E-04
2361	494661.06, 3860101.99	0.05403	0.12885	0.02013	0.01877	2.30E-04	0.00E+00	1.71E-06	1.62E-06	2.33E-04	1.09E-04	4.06E-03	1.28E-04	5.93E-05	4.35E-03	1.03E-04	0.00E+00	1.71E-06	1.62E-06	1.07E-04
2362	494711.06, 3860101.99	0.05385	0.12683	0.02021	0.01868	2.29E-04	0.00E+00	1.72E-06	1.61E-06	2.33E-04	1.08E-04	4.00E-03	1.29E-04	5.90E-05	4.29E-03	1.03E-04	0.00E+00	1.72E-06	1.61E-06	1.06E-04
2363	494761.06, 3860101.99	0.05366	0.12584	0.02025	0.01857	2.29E-04	0.00E+00	1.72E-06	1.60E-06	2.32E-04	1.08E-04	3.96E-03	1.29E-04	5.86E-05	4.26E-03	1.02E-04	0.00E+00	1.72E-06	1.60E-06	1.06E-04
2364	494811.06, 3860101.99	0.05346	0.12494	0.02028	0.01846	2.28E-04	0.00E+00	1.72E-06	1.59E-06	2.31E-04	1.07E-04	3.94E-03	1.29E-04	5.83E-05	4.23E-03	1.02E-04	0.00E+00	1.72E-06	1.59E-06	1.05E-04
2365	494861.06, 3860101.99	0.05324	0.12552	0.02026	0.01832	2.27E-04	0.00E+00	1.72E-06	1.58E-06	2.30E-04	1.07E-04	3.95E-03	1.29E-04	5.78E-05	4.25E-03	1.02E-04	0.00E+00	1.72E-06	1.58E-06	1.05E-04
2366	494911.06, 3860101.99	0.0531	0.12198	0.02041	0.01828	2.26E-04	0.00E+00	1.74E-06	1.57E-06	2.29E-04	1.07E-04	3.84E-03	1.30E-04	5.77E-05	4.14E-03	1.01E-04	0.00E+00	1.74E-06	1.57E-06	1.05E-04
2367	494961.06, 3860101.99	0.05292	0.12089	0.02046	0.01818	2.25E-04	0.00E+00	1.74E-06	1.57E-06	2.29E-04	1.06E-04	3.81E-03	1.31E-04	5.74E-05	4.10E-03	1.01E-04	0.00E+00	1.74E-06	1.57E-06	1.04E-04
2368	495011.06, 3860101.99	0.05274	0.11927	0.02055	0.01809	2.25E-04	0.00E+00	1.75E-06	1.56E-06	2.28E-04	1.06E-04	3.76E-03	1.31E-04	5.71E-05	4.05E-03	1.01E-04	0.00E+00	1.75E-06	1.56E-06	1.04E-04
2369	495061.06, 3860101.99	0.05256	0.11778	0.02064	0.01801	2.24E-04	0.00E+00	1.76E-06	1.55E-06	2.27E-04	1.06E-04	3.71E-03	1.32E-04	5.69E-05	4.00E-03	1.00E-04	0.00E+00	1.76E-06	1.55E-06	1.04E-04
2370	495111.06, 3860101.99	0.05238	0.11595	0.02076	0.01794	2.23E-04	0.00E+00	1.77E-06	1.54E-06	2.26E-04	1.05E-04	3.65E-03	1.32E-04	5.66E-05	3.95E-03	1.00E-04	0.00E+00	1.77E-06	1.54E-06	1.03E-04
2371	495161.06, 3860101.99	0.05221	0.11502	0.0208	0.01784	2.22E-04	0.00E+00	1.77E-06	1.54E-06	2.26E-04	1.05E-04	3.62E-03	1.33E-04	5.63E-05	3.92E-03	9.97E-05	0.00E+00	1.77E-06	1.54E-06	1.03E-04
2372	495211.06, 3860101.99	0.05204	0.11379	0.02088	0.01776	2.22E-04	0.00E+00	1.78E-06	1.53E-06	2.25E-04	1.05E-04	3.58E-03	1.33E-04	5.61E-05	3.88E-03	9.94E-05	0.00E+00	1.78E-06	1.53E-06	1.03E-04
2373	495261.06, 3860101.99	0.05187	0.11256	0.02095	0.01767	2.21E-04	0.00E+00	1.78E-06	1.52E-06	2.24E-04	1.04E-04	3.55E-03	1.34E-04	5.58E-05	3.84E-03	9.91E-05	0.00E+00	1.78E-06	1.52E-06	1.02E-04
2374	495311.06, 3860101.99	0.0517	0.11149	0.02101	0.01759	2.20E-04	0.00E+00	1.79E-06	1.51E-06	2.23E-04	1.04E-04	3.51E-03	1.34E-04	5.55E-05	3.81E-03	9.87E-05	0.00E+00	1.79E-06	1.51E-06	1.02E-04
2375	495361.06, 3860101.99	0.05154	0.11071	0.02104	0.01749	2.19E-04	0.00E+00	1.79E-06	1.51E-06	2.23E-04	1.04E-04	3.49E-03	1.34E-04	5.52E-05	3.78E-03	9.84E-05	0.00E+00	1.79E-06	1.51E-06	1.02E-04
2376	495411.06, 3860101.99	0.05138	0.1095	0.02112	0.01742	2.19E-04	0.00E+00	1.80E-06	1.50E-06	2.22E-04	1.03E-04	3.45E-03	1.35E-04	5.50E-05	3.74E-03	9.81E-05	0.00E+00	1.80E-06	1.50E-06	1.01E-04
2377	495461.06, 3860101.99	0.05102	0.10785	0.02127	0.01736	2.17E-04	0.00E+00	1.81E-06	1.49E-06	2.21E-04	1.02E-04	3.40E-03	1.36E-04	5.48E-05	3.69E-03	9.74E-05	0.00E+00	1.81E-06	1.49E-06	1.01E-04
2378	495511.06, 3860101.99	0.05087	0.10711	0.02129	0.01727	2.17E-04	0.00E+00	1.81E-06	1.49E-06	2.20E-04	1.02E-04	3.37E-03	1.36E-04	5.45E-05	3.67E-03	9.72E-05	0.00E+00	1.81E-06	1.49E-06	1.00E-04
2379	495561.06, 3860101.99	0.05073	0.10636	0.02131	0.01718	2.16E-04	0.00E+00	1.81E-06	1.48E-06	2.19E-04	1.02E-04	3.35E-03	1.36E-04	5.42E-05	3.64E-03	9.69E-05	0.00E+00	1.81E-06	1.48E-06	1.00E-04
2380	495611.06, 3860101.99	0.05052	0.10476	0.02146	0.01712	2.15E-04	0.00E+00	1.83E-06	1.47E-06	2.18E-04	1.01E-04	3.30E-03	1.37E-04	5.41E-05	3.59E-03	9.65E-05	0.00E+00	1.83E-06	1.47E-06	9.98E-05
2381	495661.06, 3860101.99	0.05036	0.10371	0.02153	0.01705	2.14E-04	0.00E+00	1.83E-06	1.47E-06	2.18E-04	1.01E-04	3.27E-03	1.37E-04	5.38E-05	3.56E-03	9.62E-05	0.00E+00	1.83E-06	1.47E-06	9.95E-05
2382	494861.06, 3860151.99	0.05241	0.12627	0.01965	0.0179	2.23E-04	0.00E+00	1.67E-06	1.54E-06	2.26E-04	1.05E-04	3.98E-03	1.25E-04	5.65E-05	4.26E-03	1.00E-04	0.00E+00	1.67E-06	1.54E-06	1.03E-04
2383	494911.06, 3860151.99	0.05233	0.12266	0.01968	0.01783	2.23E-04	0.00E+00	1.67E-06	1.54E-06	2.26E-04	1.05E-04	3.86E-03	1.26E-04	5.63E-05	4.15E-03	9.99E-05	0.00E+00	1.67E-06	1.54E-06	1.03E-04
2384	494961.06, 3860151.99	0.05216	0.12121	0.01973	0.01775	2.22E-04	0.00E+00	1.68E-06	1.53E-06	2.25E-04	1.05E-04	3.82E-03	1.26E-04	5.60E-05	4.10E-03	9.96E-05	0.00E+00	1.68E-06	1.53E-06	1.03E-04
2385	495011.06, 3860151.99	0.05199	0.11964	0.0198	0.01766	2.21E-04	0.00E+00	1.68E-06	1.52E-06	2.25E-04	1.04E-04	3.77E-03	1.26E-04	5.58E-05	4.06E-03	9.93E-05	0.00E+00	1.68E-06	1.52E-06	1.03E-04
2386	495061.06, 3860151.99	0.05183	0.1181	0.01987	0.01758	2.21E-04	0.00E+00	1.69E-06	1.51E-06	2.24E-04	1.04E-04	3.72E-03	1.27E-04	5.55E-05	4.01E-03	9.90E-05	0.00E+00	1.69E-06	1.51E-06	1.02E-04
2387	495111.06, 3860151.99	0.05165	0.11683	0.01993	0.0175	2.20E-04	0.00E+00	1.69E-06	1.51E-06	2.23E-04	1.04E-04	3.68E-03	1.27E-04	5.53E-05	3.97E-03	9.86E-05	0.00E+00	1.69E-06	1.51E-06	1.02E-04
2388	495161.06, 3860151.99	0.05148	0.11568	0.01999	0.01741	2.19E-04	0.00E+00	1.70E-06	1.50E-06	2.22E-04	1.03E-04	3.64E-03	1.28E-04	5.50E-05	3.93E-03	9.83E-05	0.00E+00	1.70E-06	1.50E-06	1.02E-04
2389	495211.06, 3860151.99	0.05131	0.11438	0.02006	0.01733	2.19E-04	0.00E+00	1.71E-06	1.49E-06	2.22E-04	1.03E-04	3.60E-03	1.28E-04	5.47E-05	3.89E-03	9.80E-05	0.00E+00	1.71E-06	1.49E-06	1.01E-04
2390	495261.06, 3860151.99	0.05115	0.11331	0.02011	0.01725	2.18E-04	0.00E+00	1.71E-06	1.49E-06	2.21E-04	1.03E-04	3.57E-03	1.28E-04	5.45E-05	3.85E-03	9.77E-05	0.00E+00	1.71E-06	1.49E-06	1.01E-04
2391	495311.06, 3860151.99	0.05098	0.11223	0.02017	0.01717	2.17E-04	0.00E+00	1.72E-06	1.48E-06	2.20E-04	1.02E-04	3.54E-03	1.29E-04	5.42E-05	3.82E-03	9.74E-05	0.00E+00	1.72E-06	1.48E-06	1.01E-04
2392	495361.06, 3860151.99	0.05082	0.11123	0.02022	0.01708	2.16E-04	0.00E+00	1.72E-06	1.47E-06	2.20E-04	1.02E-04	3.50E-03	1.29E-04	5.39E-05	3.79E-03	9.71E-05	0.00E+00	1.72E-06	1.47E-06	1.00E-04
2393	495411.06, 3860151.99	0.05066	0.11007	0.02029	0.01701	2.16E-04	0.00E+00	1.73E-06	1.46E-06	2.19E-04	1.02E-04	3.47E-03	1.29E-04	5.37E-05	3.75E-03	9.68E-05	0.00E+00	1.73E-06	1.46E-06	9.99E-05
2394	495461.06, 3860151.99	0.0505	0.10897	0.02035	0.01693	2.15E-04	0.00E+00	1.73E-06	1.46E-06	2.18E-04	1.01E-04	3.43E-03	1.30E-04	5.35E-05	3.72E-03	9.65E-05	0.00E+00	1.73E-06	1.46E-06	9.96E-05
2395	495511.06, 3860151.99	0.05034	0.10767	0.02044	0.01686	2.14E-04	0.00E+00	1.74E-06	1.45E-06	2.18E-04	1.01E-04	3.39E-03	1.30E-04	5.32E-05	3.68E-03	9.61E-05	0.00E+00	1.74E-06	1.45E-06	9.93E-05
2396	495561.06, 3860151.99	0.05019	0.10674	0.02049	0.01679	2.14E-04	0.00E+00	1.74E-06	1.45E-06	2.17E-04	1.01E-04	3.36E-03	1.31E-04	5.30E-05	3.65E-03	9.59E-05	0.00E+00	1.74E-06	1.45E-06	9.90E-05
2397	495611.06, 3860151.99	0.05004	0.10551	0.02058	0.01672	2.13E-04	0.00E+00	1.75E-06	1.44E-06	2.16E-04	1.01E-04	3.32E-03	1.31E-04	5.28E-05	3.61E-03	9.56E-05	0.00E+00	1.75E-06	1.44E-06	9.88E-05
2398	495661.06, 3860151.99	0.04988	0.10419	0.02068	0.01666	2.12E-04	0.00E+00	1.76E-06	1.43E-06	2.16E-04	1.00E-04	3.28E-03	1.32E-04	5.26E-05	3.57E-03	9.53E-05	0.00E+00	1.76E-06	1.43E-06	9.85E-05
2399	495718.25, 3859442.96	0.0552	0.08293	0.03307	0.02095	2.35E-04	0.00E+00	2.81E-06	1.80E-06	2.40E-04	1.11E-04	2.61E-03	2.11E-04	6.61E-05	3.00E-03	1.05E-04	0.00E+00	2.81E-06	1.80E-06	1.10E-04
2400	495818.25, 3859442.96	0.0544	0.08078	0.03275	0.02058	2.32E-04	0.00E+00	2.79E-06	1.77E-06	2.36E-04	1.09E-04	2.54E-03	2.09E-04	6.50E-05	2.93E-03	1.04E-04	0.00E+00	2.79E-06	1.77E-06	1.08E-04
2401	495918.25, 3859442.96	0.05385	0.07919	0.03249	0.02027	2.29E-04	0.00E+00	2.76E-06	1.75E-06	2.34E-04	1.08E-04	2.49E-03	2.07E-04	6.40E-05	2.87E-03	1.03E-04	0.00E+00	2.76E-06	1.75E-06	1.07E-04
2402	496018.25, 3859442.96	0.05339	0.07782	0.03228	0.01999	2.27E-04	0.00E+00	2.75E-06	1.72E-06	2.32E-04	1.07E-04	2.45E-03	2.06E-04	6.31E-05	2.83E-03	1.02E-04	0.00E+00	2.75E-06	1.72E-06	1.06E-04
2403	496118.25, 3859442.96	0.0537	0.07809	0.03234	0.0199	2.29E-04	0.00E+00	2.75E-06	1.71E-06	2.33E-04	1.08E-04	2.46E-03	2.06E-04	6.28E-05	2.84E-03	1.03E-04	0.00E+00	2.75E-06	1.71E-06	1.07E-04
2404	496218.25, 3859442.96	0.05388	0.07814	0.03235	0.01977	2.29E-04	0.00E+00	2.75E-06	1.70E-06	2.34E-04	1.08E-04	2.46E-03	2.06E-04	6.24E-05	2.84E-03	1.03E-04	0.00E+00	2.75E-06	1.70E-06	1.07E-04
2405	496318.25, 3859442.96	0.05351	0.07695	0.0322	0.01953	2.28E-04	0.00E+00	2.74E-06	1.68E-06	2.32E-04	1.07E-04	2.42E-03	2.05E-04	6.17E-05	2.80E-03	1.02E-04	0.00E+00	2.74E-06	1.68E-06	1.07E-04
2406	496418.25, 3859442.96	0.0531	0.0757	0.03204	0.01927	2.26E-04	0.00E+00	2.72E-06	1.66E-06	2.31E-04	1.07E-04	2.38E-03	2.04E-04	6.08E-05	2.76E-03	1.01E-04	0.00E+00	2.72E-06	1.66E-06	1.06E-04
2407	495718.25, 3859542.96	0.05522	0.08656	0.03191	0.0207	2.35E-04	0.00E+00	2.71E-06	1.78E-06	2.40E-04	1.11E-04	2.73E-03	2.04E-04	6.54E-05	3.11E-03	1.05E-04	0.00E+00	2.71E-06	1.78E-06	1.10E-04
2408	495818.25, 3859542.96	0.05466	0.0848	0.03168	0.02041	2.33E-04	0.00E+00	2.69E-06	1.76E-06	2.37E-04	1.10E-04	2.67E-03	2.02E-04	6.44E-05	3.05E-03	1.04E-04	0.00E+00	2.69E-06	1.76E-06	1.09E-04
2409	495918.25, 3859542.96	0.05398	0.08274	0.03143	0.02009	2.30E-04	0.00E+00	2.67E-06	1.73E-06	2.34E-04	1.08E-04	2.61E-03	2.00E-04	6.34E-05	2.98E-03	1.03E-04	0.00E+00	2.67E-06	1.73E-06	1.08E-04
2410	496018.25, 3859542.96	0.0534	0.081	0.03119	0.01979	2.27E-04	0.00E+00	2.65E-06	1.70E-06	2.32E-04	1.07E-04	2.55E-03	1.99E-04	6.25E-05	2.92E-03	1.02E-04	0.00E+00	2.65E-06	1.70E-06	1.06E-04
2411	496118.25, 3859542.96	0.05355	0.08122	0.03108	0.01968	2.28E-04	0.00E+00	2.64E-06	1.69E-06	2.32E-04	1.08E-04	2.56E-03	1.98E-04	6.21E-05	2.93E-03	1.02E-04	0.00E+00	2.64E-06	1.69E-06	1.07E-04
2412	496218.25, 3859542.96	0.05351	0.08093	0.03094	0.01951	2.28E-04	0.00E+00	2.63E-06	1.68E-06	2.32E-04	1.07E-04	2.55E-03	1.97E-04	6.16E-05	2.92E-03	1.02E-04	0.00E+00	2.63E-06	1.68E-06	1.07E-04
2413	496318.25, 3859542.96	0.05334	0.0803	0.03079	0.01932	2.27E-04	0.00E+00	2.62E-06	1.66E-06	2.31E-04	1.07E-04	2.53E-03	1.96E-04	6.10E-05	2.89E-03	1.02E-04	0.00E+00	2.62E-06	1.66E-06	1.06E-04
2414	496418.25, 3859542.96	0.05279	0.07856	0.03062	0.01905	2.25E-04	0.00E+00	2.60E-06	1.64E-06	2.29E-04	1.06E-04	2.47E-03	1.95E-04	6.01E-05	2.84E-03	1.01E-04	0.00E+00	2.60E-06	1.64E-06	1.05E-04
2415	495718.25, 3859642.96	0.05482	0.08966	0.03061	0.02027	2.33E-04	0.00E+00	2.60E-06	1.75E-06	2.38E-04	1.10E-04	2.82E-03	1.95E-04	6.40E-05	3.19E-03	1.05E-04	0.00E+00	2.60E-06	1.75E-06	1.09E-04

2416	495818.25, 3859642.96	0.05421	0.08754	0.03045	0.01999	2.31E-04	0.00E+00	2.59E-06	1.72E-06	2.35E-04	1.09E-04	2.76E-03	1.94E-04	6.31E-05	3.12E-03	1.04E-04	0.00E+00	2.59E-06	1.72E-06	1.08E-04
2417	495918.25, 3859642.96	0.05378	0.0861	0.03025	0.01975	2.29E-04	0.00E+00	2.57E-06	1.70E-06	2.33E-04	1.08E-04	2.71E-03	1.93E-04	6.24E-05	3.08E-03	1.03E-04	0.00E+00	2.57E-06	1.70E-06	1.07E-04
2418	496018.25, 3859642.96	0.05323	0.08427	0.03007	0.01948	2.27E-04	0.00E+00	2.56E-06	1.68E-06	2.31E-04	1.07E-04	2.65E-03	1.92E-04	6.15E-05	3.01E-03	1.02E-04	0.00E+00	2.56E-06	1.68E-06	1.06E-04
2419	496118.25, 3859642.96	0.05334	0.08475	0.0298	0.01936	2.27E-04	0.00E+00	2.53E-06	1.67E-06	2.31E-04	1.07E-04	2.67E-03	1.90E-04	6.11E-05	3.03E-03	1.02E-04	0.00E+00	2.53E-06	1.67E-06	1.06E-04
2420	496218.25, 3859642.96	0.05327	0.08464	0.02955	0.01919	2.27E-04	0.00E+00	2.51E-06	1.65E-06	2.31E-04	1.07E-04	2.67E-03	1.88E-04	6.06E-05	3.02E-03	1.02E-04	0.00E+00	2.51E-06	1.65E-06	1.06E-04
2421	496318.25, 3859642.96	0.05283	0.08313	0.02941	0.01896	2.25E-04	0.00E+00	2.50E-06	1.63E-06	2.29E-04	1.06E-04	2.62E-03	1.88E-04	5.99E-05	2.97E-03	1.01E-04	0.00E+00	2.50E-06	1.63E-06	1.05E-04
2422	496418.25, 3859642.96	0.05144	0.0785	0.02931	0.01853	2.19E-04	0.00E+00	2.49E-06	1.60E-06	2.23E-04	1.03E-04	2.47E-03	1.87E-04	5.85E-05	2.82E-03	9.82E-05	0.00E+00	2.49E-06	1.60E-06	1.02E-04
2423	495718.25, 3859742.96	0.05434	0.09367	0.0289	0.01973	2.31E-04	0.00E+00	2.46E-06	1.70E-06	2.36E-04	1.09E-04	2.95E-03	1.84E-04	6.23E-05	3.31E-03	1.04E-04	0.00E+00	2.46E-06	1.70E-06	1.08E-04
2424	495818.25, 3859742.96	0.05375	0.09109	0.02893	0.01949	2.29E-04	0.00E+00	2.46E-06	1.68E-06	2.33E-04	1.08E-04	2.87E-03	1.85E-04	6.15E-05	3.22E-03	1.03E-04	0.00E+00	2.46E-06	1.68E-06	1.07E-04
2425	495918.25, 3859742.96	0.05326	0.08918	0.02884	0.01926	2.27E-04	0.00E+00	2.45E-06	1.66E-06	2.31E-04	1.07E-04	2.81E-03	1.84E-04	6.08E-05	3.16E-03	1.02E-04	0.00E+00	2.45E-06	1.66E-06	1.06E-04
2426	496018.25, 3859742.96	0.05274	0.08718	0.02876	0.01902	2.25E-04	0.00E+00	2.45E-06	1.64E-06	2.29E-04	1.06E-04	2.75E-03	1.83E-04	6.01E-05	3.10E-03	1.01E-04	0.00E+00	2.45E-06	1.64E-06	1.05E-04
2427	496118.25, 3859742.96	0.05268	0.08734	0.02842	0.01886	2.24E-04	0.00E+00	2.42E-06	1.62E-06	2.28E-04	1.06E-04	2.75E-03	1.81E-04	5.95E-05	3.10E-03	1.01E-04	0.00E+00	2.42E-06	1.62E-06	1.05E-04
2428	496218.25, 3859742.96	0.05269	0.08792	0.02801	0.0187	2.24E-04	0.00E+00	2.38E-06	1.61E-06	2.28E-04	1.06E-04	2.77E-03	1.79E-04	5.90E-05	3.11E-03	1.01E-04	0.00E+00	2.38E-06	1.61E-06	1.05E-04
2429	496318.25, 3859742.96	0.0517	0.08369	0.02823	0.01842	2.20E-04	0.00E+00	2.40E-06	1.59E-06	2.24E-04	1.04E-04	2.64E-03	1.80E-04	5.82E-05	2.98E-03	9.87E-05	0.00E+00	2.40E-06	1.59E-06	1.03E-04
2430	496418.25, 3859742.96	0.05076	0.08001	0.0283	0.01818	2.16E-04	0.00E+00	2.41E-06	1.57E-06	2.20E-04	1.02E-04	2.52E-03	1.81E-04	5.74E-05	2.86E-03	9.69E-05	0.00E+00	2.41E-06	1.57E-06	1.01E-04
2431	495718.25, 3859842.96	0.0534	0.09684	0.02692	0.01903	2.27E-04	0.00E+00	2.29E-06	1.64E-06	2.31E-04	1.07E-04	3.05E-03	1.72E-04	6.01E-05	3.39E-03	1.02E-04	0.00E+00	2.29E-06	1.64E-06	1.06E-04
2432	495818.25, 3859842.96	0.05299	0.09473	0.02698	0.01884	2.26E-04	0.00E+00	2.29E-06	1.62E-06	2.30E-04	1.06E-04	2.98E-03	1.72E-04	5.95E-05	3.32E-03	1.01E-04	0.00E+00	2.29E-06	1.62E-06	1.05E-04
2433	495918.25, 3859842.96	0.05255	0.09261	0.02703	0.01865	2.24E-04	0.00E+00	2.30E-06	1.61E-06	2.28E-04	1.06E-04	2.92E-03	1.72E-04	5.89E-05	3.25E-03	1.00E-04	0.00E+00	2.30E-06	1.61E-06	1.04E-04
2434	496018.25, 3859842.96	0.05222	0.09129	0.02692	0.01846	2.22E-04	0.00E+00	2.29E-06	1.59E-06	2.26E-04	1.05E-04	2.88E-03	1.72E-04	5.83E-05	3.21E-03	9.97E-05	0.00E+00	2.29E-06	1.59E-06	1.04E-04
2435	496118.25, 3859842.96	0.05221	0.09211	0.02637	0.01827	2.22E-04	0.00E+00	2.24E-06	1.57E-06	2.26E-04	1.05E-04	2.90E-03	1.68E-04	5.77E-05	3.23E-03	9.97E-05	0.00E+00	2.24E-06	1.57E-06	1.04E-04
2436	496218.25, 3859842.96	0.05143	0.08795	0.02682	0.01809	2.19E-04	0.00E+00	2.28E-06	1.56E-06	2.23E-04	1.03E-04	2.77E-03	1.71E-04	5.71E-05	3.10E-03	9.82E-05	0.00E+00	2.28E-06	1.56E-06	1.02E-04
2437	496318.25, 3859842.96	0.04982	0.08071	0.02752	0.01773	2.12E-04	0.00E+00	2.34E-06	1.53E-06	2.16E-04	1.00E-04	2.54E-03	1.76E-04	5.60E-05	2.87E-03	9.52E-05	0.00E+00	2.34E-06	1.53E-06	9.90E-05
2438	496418.25, 3859842.96	0.0485	0.07623	0.02748	0.01734	2.07E-04	0.00E+00	2.34E-06	1.49E-06	2.10E-04	9.74E-05	2.40E-03	1.75E-04	5.47E-05	2.73E-03	9.26E-05	0.00E+00	2.34E-06	1.49E-06	9.65E-05
2439	495718.25, 3859942.96	0.0522	0.0993	0.02485	0.01826	2.22E-04	0.00E+00	2.11E-06	1.57E-06	2.26E-04	1.05E-04	3.13E-03	1.59E-04	5.77E-05	3.45E-03	9.97E-05	0.00E+00	2.11E-06	1.57E-06	1.03E-04
2440	495818.25, 3859942.96	0.05183	0.09698	0.02501	0.0181	2.21E-04	0.00E+00	2.13E-06	1.56E-06	2.24E-04	1.04E-04	3.05E-03	1.60E-04	5.71E-05	3.38E-03	9.90E-05	0.00E+00	2.13E-06	1.56E-06	1.03E-04
2441	495918.25, 3859942.96	0.05151	0.09532	0.02503	0.01793	2.19E-04	0.00E+00	2.13E-06	1.54E-06	2.23E-04	1.03E-04	3.00E-03	1.60E-04	5.66E-05	3.32E-03	9.84E-05	0.00E+00	2.13E-06	1.54E-06	1.02E-04
2442	496018.25, 3859942.96	0.05134	0.0952	0.02472	0.01773	2.19E-04	0.00E+00	2.10E-06	1.53E-06	2.22E-04	1.03E-04	3.00E-03	1.58E-04	5.60E-05	3.32E-03	9.81E-05	0.00E+00	2.10E-06	1.53E-06	1.02E-04
2443	496118.25, 3859942.96	0.05083	0.09181	0.02511	0.0176	2.16E-04	0.00E+00	2.14E-06	1.52E-06	2.20E-04	1.02E-04	2.89E-03	1.60E-04	5.56E-05	3.21E-03	9.71E-05	0.00E+00	2.14E-06	1.52E-06	1.01E-04
2444	496218.25, 3859942.96	0.05	0.08665	0.02585	0.01746	2.13E-04	0.00E+00	2.20E-06	1.50E-06	2.17E-04	1.00E-04	2.73E-03	1.65E-04	5.51E-05	3.05E-03	9.55E-05	0.00E+00	2.20E-06	1.50E-06	9.92E-05
2445	496318.25, 3859942.96	0.04898	0.08167	0.02642	0.01722	2.09E-04	0.00E+00	2.25E-06	1.48E-06	2.12E-04	9.84E-05	2.57E-03	1.69E-04	5.44E-05	2.89E-03	9.35E-05	0.00E+00	2.25E-06	1.48E-06	9.73E-05
2446	496418.25, 3859942.96	0.04735	0.07554	0.02672	0.01679	2.02E-04	0.00E+00	2.27E-06	1.45E-06	2.05E-04	9.51E-05	2.38E-03	1.70E-04	5.30E-05	2.70E-03	9.04E-05	0.00E+00	2.27E-06	1.45E-06	9.42E-05
2447	496856.82, 3858864.83	0.04885	0.05645	0.03413	0.01867	2.08E-04	0.00E+00	2.90E-06	1.61E-06	2.13E-04	9.81E-05	1.78E-03	2.18E-04	5.89E-05	2.15E-03	9.33E-05	0.00E+00	2.90E-06	1.61E-06	9.78E-05
2448	496956.82, 3858864.83	0.04824	0.05549	0.03355	0.01843	2.05E-04	0.00E+00	2.85E-06	1.59E-06	2.10E-04	9.69E-05	1.75E-03	2.14E-04	5.82E-05	2.12E-03	9.21E-05	0.00E+00	2.85E-06	1.59E-06	9.66E-05
2449	497056.82, 3858864.83	0.04766	0.05455	0.03303	0.01821	2.03E-04	0.00E+00	2.81E-06	1.57E-06	2.07E-04	9.57E-05	1.72E-03	2.11E-04	5.75E-05	2.08E-03	9.10E-05	0.00E+00	2.81E-06	1.57E-06	9.54E-05
2450	497156.82, 3858864.83	0.04688	0.05345	0.03244	0.01795	2.00E-04	0.00E+00	2.76E-06	1.55E-06	2.04E-04	9.42E-05	1.68E-03	2.07E-04	5.67E-05	2.04E-03	8.95E-05	0.00E+00	2.76E-06	1.55E-06	9.38E-05
2451	497256.82, 3858864.83	0.04675	0.05298	0.0322	0.01779	1.99E-04	0.00E+00	2.74E-06	1.53E-06	2.03E-04	9.39E-05	1.67E-03	2.05E-04	5.62E-05	2.02E-03	8.93E-05	0.00E+00	2.74E-06	1.53E-06	9.36E-05
2452	496856.82, 3858964.83	0.04964	0.05876	0.03426	0.01865	2.11E-04	0.00E+00	2.91E-06	1.61E-06	2.16E-04	9.97E-05	1.85E-03	2.19E-04	5.89E-05	2.23E-03	9.48E-05	0.00E+00	2.91E-06	1.61E-06	9.93E-05
2453	496956.82, 3858964.83	0.0487	0.05739	0.0336	0.01836	2.07E-04	0.00E+00	2.86E-06	1.58E-06	2.12E-04	9.78E-05	1.81E-03	2.14E-04	5.80E-05	2.18E-03	9.30E-05	0.00E+00	2.86E-06	1.58E-06	9.75E-05
2454	497056.82, 3858964.83	0.04803	0.05633	0.03311	0.01811	2.05E-04	0.00E+00	2.82E-06	1.56E-06	2.09E-04	9.65E-05	1.77E-03	2.11E-04	5.72E-05	2.14E-03	9.17E-05	0.00E+00	2.82E-06	1.56E-06	9.61E-05
2455	497156.82, 3858964.83	0.04734	0.05525	0.03262	0.01786	2.02E-04	0.00E+00	2.77E-06	1.54E-06	2.06E-04	9.51E-05	1.74E-03	2.08E-04	5.64E-05	2.10E-03	9.04E-05	0.00E+00	2.77E-06	1.54E-06	9.47E-05
2456	497256.82, 3858964.83	0.04787	0.05547	0.03274	0.0178	2.04E-04	0.00E+00	2.78E-06	1.53E-06	2.08E-04	9.61E-05	1.75E-03	2.09E-04	5.62E-05	2.11E-03	9.14E-05	0.00E+00	2.78E-06	1.53E-06	9.57E-05
2457	496856.82, 3859064.83	0.04966	0.06032	0.03399	0.01849	2.11E-04	0.00E+00	2.89E-06	1.59E-06	2.16E-04	9.97E-05	1.90E-03	2.17E-04	5.84E-05	2.28E-03	9.48E-05	0.00E+00	2.89E-06	1.59E-06	9.93E-05
2458	496956.82, 3859064.83	0.04894	0.05911	0.03346	0.01823	2.08E-04	0.00E+00	2.85E-06	1.57E-06	2.13E-04	9.83E-05	1.86E-03	2.13E-04	5.76E-05	2.23E-03	9.35E-05	0.00E+00	2.85E-06	1.57E-06	9.79E-05
2459	497056.82, 3859064.83	0.04838	0.05811	0.03303	0.018	2.06E-04	0.00E+00	2.81E-06	1.55E-06	2.10E-04	9.72E-05	1.83E-03	2.11E-04	5.68E-05	2.20E-03	9.24E-05	0.00E+00	2.81E-06	1.55E-06	9.68E-05
2460	497156.82, 3859064.83	0.04791	0.05723	0.03266	0.01778	2.04E-04	0.00E+00	2.78E-06	1.53E-06	2.08E-04	9.62E-05	1.80E-03	2.08E-04	5.61E-05	2.16E-03	9.15E-05	0.00E+00	2.78E-06	1.53E-06	9.58E-05
2461	497256.82, 3859064.83	0.04883	0.05793	0.03314	0.01778	2.08E-04	0.00E+00	2.82E-06	1.53E-06	2.12E-04	9.81E-05	1.82E-03	2.11E-04	5.61E-05	2.19E-03	9.33E-05	0.00E+00	2.82E-06	1.53E-06	9.76E-05
2462	496856.82, 3859164.83	0.04913	0.06122	0.03313	0.01823	2.09E-04	0.00E+00	2.82E-06	1.57E-06	2.14E-04	9.87E-05	1.93E-03	2.11E-04	5.76E-05	2.30E-03	9.38E-05	0.00E+00	2.82E-06	1.57E-06	9.82E-05
2463	496956.82, 3859164.83	0.04836	0.05989	0.03262	0.01795	2.06E-04	0.00E+00	2.77E-06	1.55E-06	2.10E-04	9.71E-05	1.89E-03	2.08E-04	5.67E-05	2.25E-03	9.24E-05	0.00E+00	2.77E-06	1.55E-06	9.67E-05
2464	497056.82, 3859164.83	0.04814	0.05924	0.03245	0.01777	2.05E-04	0.00E+00	2.76E-06	1.53E-06	2.09E-04	9.67E-05	1.87E-03	2.07E-04	5.61E-05	2.23E-03	9.19E-05	0.00E+00	2.76E-06	1.53E-06	9.62E-05
2465	497156.82, 3859164.83	0.04852	0.05934	0.03266	0.01769	2.07E-04	0.00E+00	2.78E-06	1.52E-06	2.11E-04	9.75E-05	1.87E-03	2.08E-04	5.59E-05	2.23E-03	9.27E-05	0.00E+00	2.78E-06	1.52E-06	9.70E-05
2466	497256.82, 3859164.83	0.04961	0.06039	0.03336	0.01774	2.11E-04	0.00E+00	2.84E-06	1.53E-06	2.16E-04	9.96E-05	1.90E-03	2.13E-04	5.60E-05	2.27E-03	9.48E-05	0.00E+00	2.84E-06	1.53E-06	9.91E-05
2467	496856.82, 3859264.83	0.04821	0.06164	0.03177	0.01788	2.05E-04	0.00E+00	2.70E-06	1.54E-06	2.10E-04	9.68E-05	1.94E-03	2.03E-04	5.65E-05	2.30E-03	9.21E-05	0.00E+00	2.70E-06	1.54E-06	9.63E-05
2468	496956.82, 3859264.83	0.04821	0.06123	0.03178	0.01773	2.05E-04	0.00E+00	2.70E-06	1.53E-06	2.10E-04	9.68E-05	1.93E-03	2.03E-04	5.60E-05	2.28E-03	9.21E-05	0.00E+00	2.70E-06	1.53E-06	9.63E-05
2469	497056.82, 3859264.83	0.04865	0.06141	0.03206	0.01766	2.07E-04	0.00E+00	2.73E-06	1.52E-06	2.11E-04	9.77E-05	1.93E-03	2.04E-04	5.58E-05	2.29E-03	9.29E-05	0.00E+00	2.73E-06	1.52E-06	9.72E-05
2470	497156.82, 3859264.83	0.04897	0.06149	0.03229	0.01758	2.09E-04	0.00E+00	2.75E-06	1.51E-06	2.13E-04	9.84E-05	1.94E-03	2.06E-04	5.55E-05	2.30E-03	9.35E-05	0.00E+00	2.75E-06	1.51E-06	9.78E-05
2471	497256.82, 3859264.83	0.04979	0.06234	0.03282	0.0176	2.12E-04	0.00E+00	2.79E-06	1.52E-06	2.16E-04	1.00E-04	1.96E-03	2.09E-04	5.56E-05	2.33E-03	9.51E-05	0.00E+00	2.79E-06	1.52E-06	9.94E-05
2472	497088.92, 3858620.93	0.0455	0.04917	0.03291	0.01829	1.94E-04	0.00E+00	2.80E-06	1.57E-06	1.98E-04	9.14E-05	1.55E-03	2.10E-04	5.77E-05	1.91E-03	8.69E-05	0.00E+00	2.80E-06	1.57E-06	9.13E-05
2473	497138.92, 3858620.93	0.04549	0.04902	0.0328	0.01822	1.94E-04	0.00E+00	2.79E-06	1.57E-06	1.98E-04	9.14E-05	1.54E-03	2.09E-04	5.75E-05	1.90E-03	8.69E-05	0.00E+00	2.79E-06	1.57E-06	9.12E-05
2474	497188.92, 3858620.93	0.04499	0.04856	0.03246	0.01807	1.92E-04	0.00E+00	2.76E-06	1.56E-06	1.96E-04	9.04E-05	1.53E-03	2.07E-04	5.71E-05	1.88E-03	8.59E-05	0.00E+00	2.76E-06	1.56E-06	9.02E-05

2475	497238.92, 3858620.93	0.04481	0.04826	0.03229	0.01798	1.91E-04	0.00E+00	2.75E-06	1.55E-06	1.95E-04	9.00E-05	1.52E-03	2.06E-04	5.68E-05	1.87E-03	8.56E-05	0.00E+00	2.75E-06	1.55E-06	8.99E-05
2476	497088.92, 3858670.93	0.04521	0.04966	0.03234	0.01816	1.93E-04	0.00E+00	2.75E-06	1.56E-06	1.97E-04	9.08E-05	1.56E-03	2.06E-04	5.73E-05	1.92E-03	8.63E-05	0.00E+00	2.75E-06	1.56E-06	9.07E-05
2477	497138.92, 3858670.93	0.04546	0.04974	0.03233	0.01812	1.94E-04	0.00E+00	2.75E-06	1.56E-06	1.98E-04	9.13E-05	1.57E-03	2.06E-04	5.72E-05	1.92E-03	8.68E-05	0.00E+00	2.75E-06	1.56E-06	9.11E-05
2478	497188.92, 3858670.93	0.0451	0.04928	0.03211	0.01801	1.92E-04	0.00E+00	2.73E-06	1.55E-06	1.96E-04	9.06E-05	1.55E-03	2.05E-04	5.69E-05	1.90E-03	8.61E-05	0.00E+00	2.73E-06	1.55E-06	9.04E-05
2479	497238.92, 3858670.93	0.04508	0.0491	0.032	0.01794	1.92E-04	0.00E+00	2.72E-06	1.54E-06	1.96E-04	9.05E-05	1.55E-03	2.04E-04	5.66E-05	1.90E-03	8.61E-05	0.00E+00	2.72E-06	1.54E-06	9.04E-05
2480	497088.92, 3858720.93	0.04616	0.05108	0.03251	0.01819	1.97E-04	0.00E+00	2.76E-06	1.57E-06	2.01E-04	9.27E-05	1.61E-03	2.07E-04	5.74E-05	1.97E-03	8.82E-05	0.00E+00	2.76E-06	1.57E-06	9.25E-05
2481	497138.92, 3858720.93	0.045	0.04998	0.03185	0.01799	1.92E-04	0.00E+00	2.71E-06	1.55E-06	1.96E-04	9.04E-05	1.57E-03	2.03E-04	5.68E-05	1.92E-03	8.59E-05	0.00E+00	2.71E-06	1.55E-06	9.02E-05
2482	497188.92, 3858720.93	0.04481	0.04964	0.03167	0.0179	1.91E-04	0.00E+00	2.69E-06	1.54E-06	1.95E-04	9.00E-05	1.56E-03	2.02E-04	5.65E-05	1.91E-03	8.56E-05	0.00E+00	2.69E-06	1.54E-06	8.98E-05
2483	497238.92, 3858720.93	0.04553	0.05005	0.03196	0.0179	1.94E-04	0.00E+00	2.72E-06	1.54E-06	1.98E-04	9.14E-05	1.58E-03	2.04E-04	5.65E-05	1.93E-03	8.70E-05	0.00E+00	2.72E-06	1.54E-06	9.12E-05
2484	497088.92, 3858770.93	0.04625	0.05183	0.03231	0.01811	1.97E-04	0.00E+00	2.75E-06	1.56E-06	2.01E-04	9.29E-05	1.63E-03	2.06E-04	5.72E-05	1.99E-03	8.83E-05	0.00E+00	2.75E-06	1.56E-06	9.26E-05
2485	497138.92, 3858770.93	0.04584	0.05128	0.03205	0.01799	1.95E-04	0.00E+00	2.73E-06	1.55E-06	1.99E-04	9.21E-05	1.62E-03	2.04E-04	5.68E-05	1.97E-03	8.76E-05	0.00E+00	2.73E-06	1.55E-06	9.18E-05
2486	497188.92, 3858770.93	0.04571	0.05088	0.03201	0.01793	1.95E-04	0.00E+00	2.72E-06	1.54E-06	1.99E-04	9.18E-05	1.60E-03	2.04E-04	5.66E-05	1.96E-03	8.73E-05	0.00E+00	2.72E-06	1.54E-06	9.16E-05
2487	497238.92, 3858770.93	0.04591	0.05102	0.03189	0.01786	1.96E-04	0.00E+00	2.71E-06	1.54E-06	2.00E-04	9.22E-05	1.61E-03	2.03E-04	5.64E-05	1.96E-03	8.77E-05	0.00E+00	2.71E-06	1.54E-06	9.19E-05
2488	497396.65, 3858622.63	0.04687	0.04955	0.03281	0.018	2.00E-04	0.00E+00	2.79E-06	1.55E-06	2.04E-04	9.41E-05	1.56E-03	2.09E-04	5.68E-05	1.92E-03	8.95E-05	0.00E+00	2.79E-06	1.55E-06	9.39E-05
2489	497496.65, 3858622.63	0.04795	0.05024	0.03301	0.01802	2.04E-04	0.00E+00	2.81E-06	1.55E-06	2.09E-04	9.63E-05	1.58E-03	2.11E-04	5.69E-05	1.95E-03	9.16E-05	0.00E+00	2.81E-06	1.55E-06	9.59E-05
2490	497596.65, 3858622.63	0.05	0.05174	0.03423	0.01819	2.13E-04	0.00E+00	2.91E-06	1.57E-06	2.17E-04	1.00E-04	1.63E-03	2.18E-04	5.74E-05	2.01E-03	9.55E-05	0.00E+00	2.91E-06	1.57E-06	1.00E-04
2491	497696.65, 3858622.63	0.05046	0.05209	0.03414	0.01812	2.15E-04	0.00E+00	2.90E-06	1.56E-06	2.19E-04	1.01E-04	1.64E-03	2.18E-04	5.72E-05	2.02E-03	9.64E-05	0.00E+00	2.90E-06	1.56E-06	1.01E-04
2492	497796.65, 3858622.63	0.05162	0.05302	0.03438	0.01818	2.20E-04	0.00E+00	2.92E-06	1.57E-06	2.24E-04	1.04E-04	1.67E-03	2.19E-04	5.74E-05	2.05E-03	9.86E-05	0.00E+00	2.92E-06	1.57E-06	1.03E-04
2493	497896.65, 3858622.63	0.05275	0.05403	0.03472	0.01823	2.25E-04	0.00E+00	2.95E-06	1.57E-06	2.29E-04	1.06E-04	1.70E-03	2.21E-04	5.76E-05	2.09E-03	1.01E-04	0.00E+00	2.95E-06	1.57E-06	1.05E-04
2494	497396.65, 3858722.63	0.04783	0.05169	0.03274	0.01798	2.04E-04	0.00E+00	2.78E-06	1.55E-06	2.08E-04	9.61E-05	1.63E-03	2.09E-04	5.68E-05	1.99E-03	9.14E-05	0.00E+00	2.78E-06	1.55E-06	9.57E-05
2495	497496.65, 3858722.63	0.04891	0.05243	0.03329	0.01799	2.08E-04	0.00E+00	2.83E-06	1.55E-06	2.13E-04	9.82E-05	1.65E-03	2.12E-04	5.68E-05	2.02E-03	9.34E-05	0.00E+00	2.83E-06	1.55E-06	9.78E-05
2496	497596.65, 3858722.63	0.05071	0.05393	0.03396	0.01814	2.16E-04	0.00E+00	2.89E-06	1.56E-06	2.20E-04	1.02E-04	1.70E-03	2.17E-04	5.73E-05	2.07E-03	9.69E-05	0.00E+00	2.89E-06	1.56E-06	1.01E-04
2497	497696.65, 3858722.63	0.05169	0.05473	0.03425	0.01816	2.20E-04	0.00E+00	2.91E-06	1.56E-06	2.25E-04	1.04E-04	1.72E-03	2.18E-04	5.73E-05	2.10E-03	9.87E-05	0.00E+00	2.91E-06	1.56E-06	1.03E-04
2498	497796.65, 3858722.63	0.05219	0.05504	0.03435	0.01811	2.22E-04	0.00E+00	2.92E-06	1.56E-06	2.27E-04	1.05E-04	1.73E-03	2.19E-04	5.72E-05	2.11E-03	9.97E-05	0.00E+00	2.92E-06	1.56E-06	1.04E-04
2499	497896.65, 3858722.63	0.05293	0.05569	0.03463	0.01812	2.25E-04	0.00E+00	2.95E-06	1.56E-06	2.30E-04	1.06E-04	1.75E-03	2.21E-04	5.72E-05	2.14E-03	1.01E-04	0.00E+00	2.95E-06	1.56E-06	1.06E-04
2500	497396.65, 3858822.63	0.04819	0.05339	0.03296	0.01788	2.05E-04	0.00E+00	2.80E-06	1.54E-06	2.10E-04	9.68E-05	1.68E-03	2.10E-04	5.65E-05	2.05E-03	9.20E-05	0.00E+00	2.80E-06	1.54E-06	9.64E-05
2501	497496.65, 3858822.63	0.0491	0.05401	0.03319	0.01788	2.09E-04	0.00E+00	2.82E-06	1.54E-06	2.13E-04	9.86E-05	1.70E-03	2.12E-04	5.65E-05	2.07E-03	9.38E-05	0.00E+00	2.82E-06	1.54E-06	9.81E-05
2502	497596.65, 3858822.63	0.05129	0.05591	0.03442	0.01811	2.18E-04	0.00E+00	2.93E-06	1.56E-06	2.23E-04	1.03E-04	1.76E-03	2.20E-04	5.72E-05	2.14E-03	9.80E-05	0.00E+00	2.93E-06	1.56E-06	1.02E-04
2503	497696.65, 3858822.63	0.05182	0.05643	0.03432	0.01804	2.21E-04	0.00E+00	2.92E-06	1.55E-06	2.25E-04	1.04E-04	1.78E-03	2.19E-04	5.70E-05	2.16E-03	9.90E-05	0.00E+00	2.92E-06	1.55E-06	1.03E-04
2504	497796.65, 3858822.63	0.0524	0.05672	0.03475	0.01804	2.23E-04	0.00E+00	2.96E-06	1.55E-06	2.28E-04	1.05E-04	1.79E-03	2.22E-04	5.70E-05	2.17E-03	1.00E-04	0.00E+00	2.96E-06	1.55E-06	1.05E-04
2505	497896.65, 3858822.63	0.05353	0.05807	0.03516	0.01808	2.28E-04	0.00E+00	2.99E-06	1.56E-06	2.33E-04	1.08E-04	1.83E-03	2.24E-04	5.71E-05	2.22E-03	1.02E-04	0.00E+00	2.99E-06	1.56E-06	1.07E-04
2506	497396.65, 3858922.63	0.04858	0.05519	0.03297	0.01779	2.07E-04	0.00E+00	2.80E-06	1.53E-06	2.11E-04	9.76E-05	1.74E-03	2.10E-04	5.62E-05	2.10E-03	9.28E-05	0.00E+00	2.80E-06	1.53E-06	9.71E-05
2507	497496.65, 3858922.63	0.0503	0.0568	0.03382	0.01791	2.14E-04	0.00E+00	2.88E-06	1.54E-06	2.19E-04	1.01E-04	1.79E-03	2.16E-04	5.65E-05	2.16E-03	9.61E-05	0.00E+00	2.88E-06	1.54E-06	1.00E-04
2508	497596.65, 3858922.63	0.0503	0.05653	0.03369	0.01779	2.14E-04	0.00E+00	2.87E-06	1.53E-06	2.19E-04	1.01E-04	1.78E-03	2.15E-04	5.62E-05	2.15E-03	9.61E-05	0.00E+00	2.87E-06	1.53E-06	1.00E-04
2509	497696.65, 3858922.63	0.05228	0.0585	0.03517	0.01801	2.23E-04	0.00E+00	2.99E-06	1.55E-06	2.27E-04	1.05E-04	1.84E-03	2.24E-04	5.69E-05	2.23E-03	9.99E-05	0.00E+00	2.99E-06	1.55E-06	1.04E-04
2510	497796.65, 3858922.63	0.05304	0.05947	0.03529	0.01799	2.26E-04	0.00E+00	3.00E-06	1.55E-06	2.30E-04	1.07E-04	1.87E-03	2.25E-04	5.68E-05	2.26E-03	1.01E-04	0.00E+00	3.00E-06	1.55E-06	1.06E-04
2511	497896.65, 3858922.63	0.05453	0.06136	0.03654	0.01818	2.32E-04	0.00E+00	3.11E-06	1.57E-06	2.37E-04	1.10E-04	1.93E-03	2.33E-04	5.74E-05	2.33E-03	1.04E-04	0.00E+00	3.11E-06	1.57E-06	1.09E-04
2512	497364.44, 3858201.52	0.04476	0.04357	0.0361	0.01832	1.91E-04	0.00E+00	3.07E-06	1.58E-06	1.95E-04	8.99E-05	1.37E-03	2.30E-04	5.78E-05	1.75E-03	8.55E-05	0.00E+00	3.07E-06	1.58E-06	9.01E-05
2513	497414.44, 3858201.52	0.0455	0.04396	0.03622	0.01834	1.94E-04	0.00E+00	3.08E-06	1.58E-06	1.98E-04	9.14E-05	1.38E-03	2.31E-04	5.79E-05	1.77E-03	8.69E-05	0.00E+00	3.08E-06	1.58E-06	9.16E-05
2514	497464.44, 3858201.52	0.04595	0.04423	0.03624	0.01833	1.96E-04	0.00E+00	3.08E-06	1.58E-06	2.00E-04	9.23E-05	1.39E-03	2.31E-04	5.79E-05	1.77E-03	8.78E-05	0.00E+00	3.08E-06	1.58E-06	9.24E-05
2515	497514.44, 3858201.52	0.04594	0.04424	0.03606	0.01827	1.96E-04	0.00E+00	3.07E-06	1.57E-06	2.00E-04	9.23E-05	1.39E-03	2.30E-04	5.77E-05	1.77E-03	8.77E-05	0.00E+00	3.07E-06	1.57E-06	9.24E-05
2516	497564.44, 3858201.52	0.04576	0.04404	0.03589	0.0182	1.95E-04	0.00E+00	3.05E-06	1.57E-06	1.99E-04	9.19E-05	1.39E-03	2.29E-04	5.75E-05	1.77E-03	8.74E-05	0.00E+00	3.05E-06	1.57E-06	9.20E-05
2517	497614.44, 3858201.52	0.04587	0.04407	0.0358	0.01816	1.95E-04	0.00E+00	3.04E-06	1.56E-06	2.00E-04	9.21E-05	1.39E-03	2.28E-04	5.73E-05	1.77E-03	8.76E-05	0.00E+00	3.04E-06	1.56E-06	9.22E-05
2518	497364.44, 3858251.52	0.04557	0.04465	0.03578	0.01835	1.94E-04	0.00E+00	3.04E-06	1.58E-06	1.99E-04	9.15E-05	1.41E-03	2.28E-04	5.79E-05	1.78E-03	8.70E-05	0.00E+00	3.04E-06	1.58E-06	9.17E-05
2519	497414.44, 3858251.52	0.04626	0.04512	0.03586	0.01839	1.97E-04	0.00E+00	3.05E-06	1.58E-06	2.02E-04	9.29E-05	1.42E-03	2.29E-04	5.81E-05	1.80E-03	8.84E-05	0.00E+00	3.05E-06	1.58E-06	9.30E-05
2520	497464.44, 3858251.52	0.04589	0.04475	0.03563	0.01828	1.95E-04	0.00E+00	3.03E-06	1.57E-06	2.00E-04	9.22E-05	1.41E-03	2.27E-04	5.77E-05	1.79E-03	8.76E-05	0.00E+00	3.03E-06	1.57E-06	9.23E-05
2521	497514.44, 3858251.52	0.04541	0.04429	0.03537	0.01817	1.93E-04	0.00E+00	3.01E-06	1.56E-06	1.98E-04	9.12E-05	1.40E-03	2.26E-04	5.74E-05	1.77E-03	8.67E-05	0.00E+00	3.01E-06	1.56E-06	9.13E-05
2522	497564.44, 3858251.52	0.04528	0.04411	0.03521	0.0181	1.93E-04	0.00E+00	2.99E-06	1.56E-06	1.97E-04	9.09E-05	1.39E-03	2.25E-04	5.71E-05	1.76E-03	8.65E-05	0.00E+00	2.99E-06	1.56E-06	9.10E-05
2523	497614.44, 3858251.52	0.04515	0.04394	0.03505	0.01804	1.92E-04	0.00E+00	2.98E-06	1.55E-06	1.97E-04	9.07E-05	1.38E-03	2.24E-04	5.70E-05	1.76E-03	8.62E-05	0.00E+00	2.98E-06	1.55E-06	9.08E-05
2524	497364.44, 3858301.52	0.04573	0.04521	0.03533	0.01836	1.95E-04	0.00E+00	3.00E-06	1.58E-06	1.99E-04	9.19E-05	1.42E-03	2.25E-04	5.80E-05	1.80E-03	8.73E-05	0.00E+00	3.00E-06	1.58E-06	9.19E-05
2525	497414.44, 3858301.52	0.04613	0.0455	0.03533	0.01833	1.96E-04	0.00E+00	3.00E-06	1.58E-06	2.01E-04	9.27E-05	1.43E-03	2.25E-04	5.79E-05	1.81E-03	8.81E-05	0.00E+00	3.00E-06	1.58E-06	9.27E-05
2526	497464.44, 3858301.52	0.04564	0.04503	0.03502	0.01821	1.94E-04	0.00E+00	2.98E-06	1.57E-06	1.99E-04	9.17E-05	1.42E-03	2.23E-04	5.75E-05	1.79E-03	8.72E-05	0.00E+00	2.98E-06	1.57E-06	9.17E-05
2527	497514.44, 3858301.52	0.04532	0.0447	0.03481	0.01812	1.93E-04	0.00E+00	2.96E-06	1.56E-06	1.98E-04	9.10E-05	1.41E-03	2.22E-04	5.72E-05	1.78E-03	8.66E-05	0.00E+00	2.96E-06	1.56E-06	9.11E-05
2528	497564.44, 3858301.52	0.04481	0.0442	0.03454	0.018	1.91E-04	0.00E+00	2.94E-06	1.55E-06	1.95E-04	9.00E-05	1.39E-03	2.20E-04	5.68E-05	1.76E-03	8.56E-05	0.00E+00	2.94E-06	1.55E-06	9.01E-05
2529	497614.44, 3858301.52	0.04466	0.044	0.03438	0.01793	1.90E-04	0.00E+00	2.92E-06	1.54E-06	1.95E-04	8.97E-05	1.39E-03	2.19E-04	5.66E-05	1.75E-03	8.53E-05	0.00E+00	2.92E-06	1.54E-06	8.98E-05
2530	497364.44, 3858351.52	0.04595	0.04594	0.0349	0.01832	1.96E-04	0.00E+00	2.97E-06	1.58E-06	2.00E-04	9.23E-05	1.45E-03	2.23E-04	5.78E-05	1.82E-03	8.78E-05	0.00E+00	2.97E-06	1.58E-06	9.23E-05
2531	497414.44, 3858351.52	0.04565	0.04561	0.03466	0.01823	1.94E-04	0.00E+00	2.95E-06	1.57E-06	1.99E-04	9.17E-05	1.44E-03	2.21E-04	5.76E-05	1.81E-03	8.72E-05	0.00E+00	2.95E-06	1.57E-06	9.17E-05
2532	497464.44, 3858351.52	0.04555	0.04544	0.03453	0.01816	1.94E-04	0.00E+00	2.94E-06	1.56E-06	1.98E-04	9.15E-05	1.43E-03	2.20E-04	5.73E-05	1.80E-03	8.70E-05	0.00E+00	2.94E-06	1.56E-06	9.15E-05
2533	497514.44, 3858351.52	0.0453	0.04516	0.03431	0.01807	1.93E-04	0.00E+00	2.92E-06	1.56E-06	1.97E-04	9.10E-05	1.42E-03	2.19E-04	5.71E-05	1.79E-03	8.65E-05	0.00E+00	2.92E-06	1.56E-06	9.10E-05

2534	497564.44, 3858351.52	0.04467	0.04457	0.03398	0.01793	1.90E-04	0.00E+00	2.89E-06	1.54E-06	1.95E-04	8.97E-05	1.40E-03	2.17E-04	5.66E-05	1.77E-03	8.53E-05	0.00E+00	2.89E-06	1.54E-06	8.98E-05
2535	497614.44, 3858351.52	0.04454	0.04438	0.03383	0.01786	1.90E-04	0.00E+00	2.88E-06	1.54E-06	1.94E-04	8.95E-05	1.40E-03	2.16E-04	5.64E-05	1.76E-03	8.51E-05	0.00E+00	2.88E-06	1.54E-06	8.95E-05
2536	497364.44, 3858401.52	0.04561	0.04609	0.0344	0.01825	1.94E-04	0.00E+00	2.93E-06	1.57E-06	1.99E-04	9.16E-05	1.45E-03	2.19E-04	5.76E-05	1.82E-03	8.71E-05	0.00E+00	2.93E-06	1.57E-06	9.16E-05
2537	497414.44, 3858401.52	0.04541	0.04592	0.03411	0.01814	1.93E-04	0.00E+00	2.90E-06	1.56E-06	1.98E-04	9.12E-05	1.45E-03	2.18E-04	5.73E-05	1.81E-03	8.67E-05	0.00E+00	2.90E-06	1.56E-06	9.12E-05
2538	497464.44, 3858401.52	0.04508	0.04556	0.03389	0.01804	1.92E-04	0.00E+00	2.88E-06	1.55E-06	1.96E-04	9.05E-05	1.44E-03	2.16E-04	5.70E-05	1.80E-03	8.61E-05	0.00E+00	2.88E-06	1.55E-06	9.05E-05
2539	497514.44, 3858401.52	0.04491	0.04534	0.03371	0.01797	1.91E-04	0.00E+00	2.87E-06	1.55E-06	1.96E-04	9.02E-05	1.43E-03	2.15E-04	5.67E-05	1.79E-03	8.58E-05	0.00E+00	2.87E-06	1.55E-06	9.02E-05
2540	497564.44, 3858401.52	0.04542	0.04563	0.03385	0.01797	1.93E-04	0.00E+00	2.88E-06	1.55E-06	1.98E-04	9.12E-05	1.44E-03	2.16E-04	5.67E-05	1.80E-03	8.67E-05	0.00E+00	2.88E-06	1.55E-06	9.12E-05
2541	497614.44, 3858401.52	0.04608	0.04597	0.03401	0.01799	1.96E-04	0.00E+00	2.89E-06	1.55E-06	2.01E-04	9.26E-05	1.45E-03	2.17E-04	5.68E-05	1.81E-03	8.80E-05	0.00E+00	2.89E-06	1.55E-06	9.25E-05
2542	493478.11, 3860497.94	0.04769	0.1554	0.01446	0.0176	2.03E-04	0.00E+00	1.23E-06	1.52E-06	2.06E-04	9.58E-05	4.90E-03	9.22E-05	5.56E-05	5.14E-03	9.11E-05	0.00E+00	1.23E-06	1.52E-06	9.38E-05
2543	493528.11, 3860497.94	0.04782	0.15386	0.01453	0.01752	2.04E-04	0.00E+00	1.24E-06	1.51E-06	2.06E-04	9.60E-05	4.85E-03	9.27E-05	5.53E-05	5.09E-03	9.13E-05	0.00E+00	1.24E-06	1.51E-06	9.41E-05
2544	493478.11, 3860547.94	0.04633	0.15279	0.01386	0.01712	1.97E-04	0.00E+00	1.18E-06	1.47E-06	2.00E-04	9.31E-05	4.81E-03	8.84E-05	5.41E-05	5.05E-03	8.85E-05	0.00E+00	1.18E-06	1.47E-06	9.11E-05
2545	493528.11, 3860547.94	0.04646	0.15142	0.0139	0.01705	1.98E-04	0.00E+00	1.18E-06	1.47E-06	2.01E-04	9.33E-05	4.77E-03	8.87E-05	5.38E-05	5.01E-03	8.87E-05	0.00E+00	1.18E-06	1.47E-06	9.14E-05
2546	493478.11, 3860597.94	0.04501	0.15017	0.01333	0.01663	1.92E-04	0.00E+00	1.13E-06	1.43E-06	1.94E-04	9.04E-05	4.73E-03	8.50E-05	5.25E-05	4.96E-03	8.60E-05	0.00E+00	1.13E-06	1.43E-06	8.85E-05
2547	493528.11, 3860597.94	0.04515	0.14872	0.01336	0.01658	1.92E-04	0.00E+00	1.14E-06	1.43E-06	1.95E-04	9.07E-05	4.68E-03	8.52E-05	5.23E-05	4.91E-03	8.62E-05	0.00E+00	1.14E-06	1.43E-06	8.88E-05
2548	493561.88, 3860524.64	0.0472	0.15149	0.01424	0.01722	2.01E-04	0.00E+00	1.21E-06	1.48E-06	2.04E-04	9.48E-05	4.77E-03	9.08E-05	5.44E-05	5.01E-03	9.01E-05	0.00E+00	1.21E-06	1.48E-06	9.28E-05
2549	493591.88, 3860524.64	0.04731	0.15054	0.01432	0.01715	2.01E-04	0.00E+00	1.22E-06	1.48E-06	2.04E-04	9.50E-05	4.74E-03	9.13E-05	5.41E-05	4.98E-03	9.04E-05	0.00E+00	1.22E-06	1.48E-06	9.31E-05
2550	493561.88, 3860554.64	0.04638	0.15005	0.01387	0.01694	1.98E-04	0.00E+00	1.18E-06	1.46E-06	2.00E-04	9.32E-05	4.73E-03	8.85E-05	5.35E-05	4.96E-03	8.86E-05	0.00E+00	1.18E-06	1.46E-06	9.12E-05
2551	493591.88, 3860554.64	0.04654	0.14902	0.01396	0.01687	1.98E-04	0.00E+00	1.19E-06	1.45E-06	2.01E-04	9.35E-05	4.69E-03	8.90E-05	5.33E-05	4.93E-03	8.89E-05	0.00E+00	1.19E-06	1.45E-06	9.15E-05
2552	492880.5, 3860293.11	0.05091	0.19104	0.01568	0.02159	2.17E-04	0.00E+00	1.33E-06	1.86E-06	2.20E-04	1.02E-04	6.02E-03	1.00E-04	6.82E-05	6.29E-03	9.72E-05	0.00E+00	1.33E-06	1.86E-06	1.00E-04
2553	492930.5, 3860293.11	0.05124	0.18849	0.01586	0.02138	2.18E-04	0.00E+00	1.35E-06	1.84E-06	2.21E-04	1.03E-04	5.94E-03	1.01E-04	6.75E-05	6.21E-03	9.79E-05	0.00E+00	1.35E-06	1.84E-06	1.01E-04
2554	492980.5, 3860293.11	0.05157	0.18591	0.01607	0.02117	2.20E-04	0.00E+00	1.37E-06	1.82E-06	2.23E-04	1.04E-04	5.86E-03	1.03E-04	6.68E-05	6.13E-03	9.85E-05	0.00E+00	1.37E-06	1.82E-06	1.02E-04
2555	493030.5, 3860293.11	0.05212	0.18217	0.01626	0.0209	2.22E-04	0.00E+00	1.38E-06	1.80E-06	2.25E-04	1.05E-04	5.74E-03	1.04E-04	6.60E-05	6.01E-03	9.95E-05	0.00E+00	1.38E-06	1.80E-06	1.03E-04
2556	493080.5, 3860293.11	0.05264	0.17729	0.01603	0.02069	2.24E-04	0.00E+00	1.36E-06	1.78E-06	2.27E-04	1.06E-04	5.58E-03	1.02E-04	6.53E-05	5.86E-03	1.01E-04	0.00E+00	1.36E-06	1.78E-06	1.04E-04
2557	493130.5, 3860293.11	0.05262	0.17712	0.01633	0.02057	2.24E-04	0.00E+00	1.39E-06	1.77E-06	2.27E-04	1.06E-04	5.58E-03	1.04E-04	6.49E-05	5.85E-03	1.01E-04	0.00E+00	1.39E-06	1.77E-06	1.04E-04
2558	493180.5, 3860293.11	0.0526	0.17623	0.01663	0.02047	2.24E-04	0.00E+00	1.41E-06	1.76E-06	2.27E-04	1.06E-04	5.55E-03	1.06E-04	6.46E-05	5.83E-03	1.00E-04	0.00E+00	1.41E-06	1.76E-06	1.04E-04
2559	493230.5, 3860293.11	0.05271	0.17439	0.01677	0.02034	2.24E-04	0.00E+00	1.43E-06	1.75E-06	2.28E-04	1.06E-04	5.49E-03	1.07E-04	6.42E-05	5.77E-03	1.01E-04	0.00E+00	1.43E-06	1.75E-06	1.04E-04
2560	493280.5, 3860293.11	0.05299	0.17153	0.01671	0.02017	2.26E-04	0.00E+00	1.42E-06	1.74E-06	2.29E-04	1.06E-04	5.40E-03	1.07E-04	6.37E-05	5.68E-03	1.01E-04	0.00E+00	1.42E-06	1.74E-06	1.04E-04
2561	493330.5, 3860293.11	0.05317	0.16917	0.01675	0.02002	2.26E-04	0.00E+00	1.42E-06	1.72E-06	2.30E-04	1.07E-04	5.33E-03	1.07E-04	6.32E-05	5.61E-03	1.02E-04	0.00E+00	1.42E-06	1.72E-06	1.05E-04
2562	493380.5, 3860293.11	0.05329	0.16708	0.01683	0.01988	2.27E-04	0.00E+00	1.43E-06	1.71E-06	2.30E-04	1.07E-04	5.26E-03	1.07E-04	6.28E-05	5.54E-03	1.02E-04	0.00E+00	1.43E-06	1.71E-06	1.05E-04
2563	492880.5, 3860343.11	0.04929	0.18796	0.015	0.02098	2.10E-04	0.00E+00	1.28E-06	1.81E-06	2.13E-04	9.90E-05	5.92E-03	9.57E-05	6.62E-05	6.18E-03	9.41E-05	0.00E+00	1.28E-06	1.81E-06	9.72E-05
2564	492930.5, 3860343.11	0.0496	0.18561	0.01513	0.02079	2.11E-04	0.00E+00	1.29E-06	1.79E-06	2.14E-04	9.96E-05	5.85E-03	9.65E-05	6.56E-05	6.11E-03	9.47E-05	0.00E+00	1.29E-06	1.79E-06	9.78E-05
2565	492980.5, 3860343.11	0.05022	0.18234	0.01557	0.02047	2.14E-04	0.00E+00	1.32E-06	1.76E-06	2.17E-04	1.01E-04	5.74E-03	9.93E-05	6.46E-05	6.01E-03	9.59E-05	0.00E+00	1.32E-06	1.76E-06	9.90E-05
2566	493030.5, 3860343.11	0.05047	0.1801	0.0157	0.02031	2.15E-04	0.00E+00	1.34E-06	1.75E-06	2.18E-04	1.01E-04	5.67E-03	1.00E-04	6.41E-05	5.94E-03	9.64E-05	0.00E+00	1.34E-06	1.75E-06	9.95E-05
2567	493080.5, 3860343.11	0.051	0.17627	0.01564	0.02008	2.17E-04	0.00E+00	1.33E-06	1.73E-06	2.20E-04	1.02E-04	5.55E-03	9.98E-05	6.34E-05	5.82E-03	9.74E-05	0.00E+00	1.33E-06	1.73E-06	1.00E-04
2568	493130.5, 3860343.11	0.05113	0.17474	0.01581	0.01996	2.18E-04	0.00E+00	1.34E-06	1.72E-06	2.21E-04	1.03E-04	5.50E-03	1.01E-04	6.30E-05	5.77E-03	9.77E-05	0.00E+00	1.34E-06	1.72E-06	1.01E-04
2569	493180.5, 3860343.11	0.05109	0.1739	0.01602	0.0199	2.18E-04	0.00E+00	1.36E-06	1.71E-06	2.21E-04	1.03E-04	5.48E-03	1.02E-04	6.28E-05	5.75E-03	9.76E-05	0.00E+00	1.36E-06	1.71E-06	1.01E-04
2570	493230.5, 3860343.11	0.05125	0.17202	0.01612	0.01977	2.18E-04	0.00E+00	1.37E-06	1.70E-06	2.21E-04	1.03E-04	5.42E-03	1.03E-04	6.24E-05	5.69E-03	9.79E-05	0.00E+00	1.37E-06	1.70E-06	1.01E-04
2571	493280.5, 3860343.11	0.05157	0.16938	0.01619	0.01959	2.20E-04	0.00E+00	1.38E-06	1.69E-06	2.23E-04	1.04E-04	5.34E-03	1.03E-04	6.19E-05	5.60E-03	9.85E-05	0.00E+00	1.38E-06	1.69E-06	1.02E-04
2572	493330.5, 3860343.11	0.0518	0.16697	0.01619	0.01944	2.21E-04	0.00E+00	1.38E-06	1.67E-06	2.24E-04	1.04E-04	5.26E-03	1.03E-04	6.14E-05	5.53E-03	9.89E-05	0.00E+00	1.38E-06	1.67E-06	1.02E-04
2573	493380.5, 3860343.11	0.05194	0.16504	0.01628	0.01932	2.21E-04	0.00E+00	1.38E-06	1.66E-06	2.24E-04	1.04E-04	5.20E-03	1.04E-04	6.10E-05	5.47E-03	9.92E-05	0.00E+00	1.38E-06	1.66E-06	1.02E-04
2574	492880.5, 3860393.11	0.04772	0.18473	0.01441	0.02038	2.03E-04	0.00E+00	1.23E-06	1.75E-06	2.06E-04	9.58E-05	5.82E-03	9.19E-05	6.43E-05	6.07E-03	9.11E-05	0.00E+00	1.23E-06	1.75E-06	9.41E-05
2575	492930.5, 3860393.11	0.04808	0.18237	0.01455	0.02017	2.05E-04	0.00E+00	1.24E-06	1.74E-06	2.08E-04	9.66E-05	5.74E-03	9.28E-05	6.37E-05	6.00E-03	9.18E-05	0.00E+00	1.24E-06	1.74E-06	9.48E-05
2576	492980.5, 3860393.11	0.04853	0.17987	0.01478	0.01994	2.07E-04	0.00E+00	1.26E-06	1.72E-06	2.10E-04	9.75E-05	5.67E-03	9.43E-05	6.30E-05	5.92E-03	9.27E-05	0.00E+00	1.26E-06	1.72E-06	9.57E-05
2577	493030.5, 3860393.11	0.0489	0.17745	0.01497	0.01974	2.08E-04	0.00E+00	1.27E-06	1.70E-06	2.11E-04	9.82E-05	5.59E-03	9.55E-05	6.23E-05	5.85E-03	9.34E-05	0.00E+00	1.27E-06	1.70E-06	9.64E-05
2578	493080.5, 3860393.11	0.04944	0.17412	0.01527	0.01949	2.11E-04	0.00E+00	1.30E-06	1.68E-06	2.14E-04	9.93E-05	5.48E-03	9.74E-05	6.15E-05	5.74E-03	9.44E-05	0.00E+00	1.30E-06	1.68E-06	9.74E-05
2579	493130.5, 3860393.11	0.04954	0.17272	0.01535	0.0194	2.11E-04	0.00E+00	1.31E-06	1.67E-06	2.14E-04	9.95E-05	5.44E-03	9.79E-05	6.13E-05	5.70E-03	9.46E-05	0.00E+00	1.31E-06	1.67E-06	9.76E-05
2580	493180.5, 3860393.11	0.04954	0.1715	0.01524	0.01935	2.11E-04	0.00E+00	1.30E-06	1.67E-06	2.14E-04	9.95E-05	5.40E-03	9.72E-05	6.11E-05	5.66E-03	9.46E-05	0.00E+00	1.30E-06	1.67E-06	9.76E-05
2581	493230.5, 3860393.11	0.04977	0.16951	0.01537	0.01922	2.12E-04	0.00E+00	1.31E-06	1.66E-06	2.15E-04	1.00E-04	5.34E-03	9.80E-05	6.07E-05	5.60E-03	9.51E-05	0.00E+00	1.31E-06	1.66E-06	9.80E-05
2582	493280.5, 3860393.11	0.05013	0.16702	0.01564	0.01903	2.13E-04	0.00E+00	1.33E-06	1.64E-06	2.16E-04	1.01E-04	5.26E-03	9.98E-05	6.01E-05	5.52E-03	9.57E-05	0.00E+00	1.33E-06	1.64E-06	9.87E-05
2583	493330.5, 3860393.11	0.05039	0.16476	0.01571	0.01889	2.15E-04	0.00E+00	1.34E-06	1.63E-06	2.18E-04	1.01E-04	5.19E-03	1.00E-04	5.96E-05	5.45E-03	9.62E-05	0.00E+00	1.34E-06	1.63E-06	9.92E-05
2584	493380.5, 3860393.11	0.05058	0.16282	0.01577	0.01876	2.15E-04	0.00E+00	1.34E-06	1.62E-06	2.18E-04	1.02E-04	5.13E-03	1.01E-04	5.92E-05	5.39E-03	9.66E-05	0.00E+00	1.34E-06	1.62E-06	9.96E-05
2585	492880.5, 3860443.11	0.04628	0.18126	0.01393	0.01975	1.97E-04	0.00E+00	1.18E-06	1.70E-06	2.00E-04	9.30E-05	5.71E-03	8.89E-05	6.24E-05	5.95E-03	8.84E-05	0.00E+00	1.18E-06	1.70E-06	9.13E-05
2586	492930.5, 3860443.11	0.04652	0.17916	0.01398	0.01961	1.98E-04	0.00E+00	1.19E-06	1.69E-06	2.01E-04	9.34E-05	5.64E-03	8.92E-05	6.19E-05	5.89E-03	8.89E-05	0.00E+00	1.19E-06	1.69E-06	9.17E-05
2587	492980.5, 3860443.11	0.04692	0.17701	0.01413	0.0194	2.00E-04	0.00E+00	1.20E-06	1.67E-06	2.03E-04	9.42E-05	5.58E-03	9.01E-05	6.13E-05	5.82E-03	8.96E-05	0.00E+00	1.20E-06	1.67E-06	9.25E-05
2588	493030.5, 3860443.11	0.04731	0.17466	0.0143	0.0192	2.01E-04	0.00E+00	1.22E-06	1.65E-06	2.04E-04	9.50E-05	5.50E-03	9.12E-05	6.06E-05	5.75E-03	9.04E-05	0.00E+00	1.22E-06	1.65E-06	9.32E-05
2589	493080.5, 3860443.11	0.04759	0.1726	0.01441	0.01906	2.03E-04	0.00E+00	1.23E-06	1.64E-06	2.06E-04	9.56E-05	5.44E-03	9.19E-05	6.02E-05	5.68E-03	9.09E-05	0.00E+00	1.23E-06	1.64E-06	9.38E-05
2590	493130.5, 3860443.11	0.04787	0.17056	0.01452	0.01891	2.04E-04	0.00E+00	1.23E-06	1.63E-06	2.07E-04	9.61E-05	5.37E-03	9.26E-05	5.97E-05	5.62E-03	9.14E-05	0.00E+00	1.23E-06	1.63E-06	9.43E-05
2591	493180.5, 3860443.11	0.04793	0.16898	0.01448	0.01887	2.04E-04	0.00E+00	1.23E-06	1.62E-06	2.07E-04	9.63E-05	5.32E-03	9.24E-05	5.96E-05	5.57E-03	9.15E-05	0.00E+00	1.23E-06	1.62E-06	9.44E-05
2592	493230.5, 3860443.11	0.04834	0.16673	0.01473	0.01866	2.06E-04	0.00E+00	1.25E-06	1.61E-06	2.09E-04	9.71E-05	5.25E-03	9.40E-05	5.89E-05	5.50E-03	9.23E-05	0.00E+00	1.25E-06	1.61E-06	9.52E-05

2593	493280.5, 3860443.11	0.04864	0.16466	0.01491	0.01851	2.07E-04	0.00E+00	1.27E-06	1.59E-06	2.10E-04	9.77E-05	5.19E-03	9.51E-05	5.84E-05	5.44E-03	9.29E-05	0.00E+00	1.27E-06	1.59E-06	9.58E-05
2594	493330.5, 3860443.11	0.04899	0.16232	0.01516	0.01834	2.09E-04	0.00E+00	1.29E-06	1.58E-06	2.12E-04	9.84E-05	5.11E-03	9.67E-05	5.79E-05	5.37E-03	9.36E-05	0.00E+00	1.29E-06	1.58E-06	9.64E-05
2595	493380.5, 3860443.11	0.04913	0.16071	0.01524	0.01825	2.09E-04	0.00E+00	1.30E-06	1.57E-06	2.12E-04	9.87E-05	5.06E-03	9.72E-05	5.76E-05	5.32E-03	9.38E-05	0.00E+00	1.30E-06	1.57E-06	9.67E-05
2596	493180.5, 3860493.11	0.04653	0.16595	0.01395	0.0183	1.98E-04	0.00E+00	1.19E-06	1.58E-06	2.01E-04	9.35E-05	5.23E-03	8.90E-05	5.78E-05	5.47E-03	8.89E-05	0.00E+00	1.19E-06	1.58E-06	9.16E-05
2597	493230.5, 3860493.11	0.04686	0.164	0.0141	0.01814	2.00E-04	0.00E+00	1.20E-06	1.56E-06	2.02E-04	9.41E-05	5.17E-03	8.99E-05	5.73E-05	5.41E-03	8.95E-05	0.00E+00	1.20E-06	1.56E-06	9.23E-05
2598	493280.5, 3860493.11	0.0472	0.162	0.01427	0.01799	2.01E-04	0.00E+00	1.21E-06	1.55E-06	2.04E-04	9.48E-05	5.10E-03	9.10E-05	5.68E-05	5.35E-03	9.01E-05	0.00E+00	1.21E-06	1.55E-06	9.29E-05
2599	493330.5, 3860493.11	0.04747	0.16012	0.01442	0.01786	2.02E-04	0.00E+00	1.23E-06	1.54E-06	2.05E-04	9.53E-05	5.04E-03	9.20E-05	5.64E-05	5.29E-03	9.07E-05	0.00E+00	1.23E-06	1.54E-06	9.34E-05
2600	493380.5, 3860493.11	0.04763	0.15853	0.01447	0.01777	2.03E-04	0.00E+00	1.23E-06	1.53E-06	2.06E-04	9.57E-05	4.99E-03	9.23E-05	5.61E-05	5.24E-03	9.10E-05	0.00E+00	1.23E-06	1.53E-06	9.37E-05
2601	493330.5, 3860543.11	0.04606	0.15747	0.01382	0.01735	1.96E-04	0.00E+00	1.18E-06	1.49E-06	1.99E-04	9.25E-05	4.96E-03	8.82E-05	5.48E-05	5.20E-03	8.80E-05	0.00E+00	1.18E-06	1.49E-06	9.06E-05
2602	493380.5, 3860543.11	0.04622	0.15594	0.01386	0.01728	1.97E-04	0.00E+00	1.18E-06	1.49E-06	2.00E-04	9.28E-05	4.91E-03	8.84E-05	5.46E-05	5.15E-03	8.83E-05	0.00E+00	1.18E-06	1.49E-06	9.09E-05
2603	494135.94, 3860876.85	0.0405	0.12026	0.01162	0.01325	1.72E-04	0.00E+00	9.88E-07	1.14E-06	1.75E-04	8.13E-05	3.79E-03	7.41E-05	4.18E-05	3.99E-03	7.74E-05	0.00E+00	9.88E-07	1.14E-06	7.95E-05
2604	494185.94, 3860876.85	0.04064	0.1193	0.01168	0.01321	1.73E-04	0.00E+00	9.93E-07	1.14E-06	1.75E-04	8.16E-05	3.76E-03	7.45E-05	4.17E-05	3.96E-03	7.76E-05	0.00E+00	9.93E-07	1.14E-06	7.98E-05
2605	494135.94, 3860926.85	0.03939	0.11793	0.01124	0.01277	1.68E-04	0.00E+00	9.56E-07	1.10E-06	1.70E-04	7.91E-05	3.71E-03	7.17E-05	4.03E-05	3.91E-03	7.52E-05	0.00E+00	9.56E-07	1.10E-06	7.73E-05
2606	494185.94, 3860926.85	0.03955	0.11702	0.01129	0.01275	1.68E-04	0.00E+00	9.60E-07	1.10E-06	1.70E-04	7.94E-05	3.69E-03	7.20E-05	4.03E-05	3.88E-03	7.55E-05	0.00E+00	9.60E-07	1.10E-06	7.76E-05
2607	494135.94, 3860976.85	0.03831	0.11561	0.01092	0.01232	1.63E-04	0.00E+00	9.29E-07	1.06E-06	1.65E-04	7.69E-05	3.64E-03	6.97E-05	3.89E-05	3.83E-03	7.32E-05	0.00E+00	9.29E-07	1.06E-06	7.52E-05
2608	494185.94, 3860976.85	0.03848	0.11475	0.01095	0.01231	1.64E-04	0.00E+00	9.31E-07	1.06E-06	1.66E-04	7.73E-05	3.61E-03	6.98E-05	3.89E-05	3.80E-03	7.35E-05	0.00E+00	9.31E-07	1.06E-06	7.55E-05
2609	494135.94, 3861026.85	0.03724	0.11327	0.01063	0.0119	1.59E-04	0.00E+00	9.04E-07	1.02E-06	1.61E-04	7.48E-05	3.57E-03	6.78E-05	3.76E-05	3.75E-03	7.11E-05	0.00E+00	9.04E-07	1.02E-06	7.31E-05
2610	494185.94, 3861026.85	0.03742	0.11246	0.01065	0.01189	1.59E-04	0.00E+00	9.06E-07	1.02E-06	1.61E-04	7.52E-05	3.54E-03	6.79E-05	3.75E-05	3.72E-03	7.15E-05	0.00E+00	9.06E-07	1.02E-06	7.34E-05
2611	494135.94, 3861076.85	0.03621	0.11096	0.01038	0.0115	1.54E-04	0.00E+00	8.83E-07	9.90E-07	1.56E-04	7.27E-05	3.50E-03	6.62E-05	3.63E-05	3.67E-03	6.92E-05	0.00E+00	8.83E-07	9.90E-07	7.10E-05
2612	494185.94, 3861076.85	0.03639	0.11017	0.01039	0.01148	1.55E-04	0.00E+00	8.84E-07	9.89E-07	1.57E-04	7.31E-05	3.47E-03	6.63E-05	3.62E-05	3.65E-03	6.95E-05	0.00E+00	8.84E-07	9.89E-07	7.14E-05
2613	490360.04, 3858710.04	0.12498	0.38738	0.07105	0.055	5.32E-04	0.00E+00	6.04E-06	4.74E-06	5.43E-04	2.51E-04	1.22E-02	4.53E-04	1.74E-04	1.31E-02	2.39E-04	0.00E+00	6.04E-06	4.74E-06	2.49E-04
2614	490410.04, 3858710.04	0.12536	0.37792	0.07072	0.05441	5.34E-04	0.00E+00	6.01E-06	4.69E-06	5.45E-04	2.52E-04	1.19E-02	4.51E-04	1.72E-04	1.28E-02	2.39E-04	0.00E+00	6.01E-06	4.69E-06	2.50E-04
2615	490460.04, 3858710.04	0.12582	0.36596	0.07038	0.05385	5.36E-04	0.00E+00	5.99E-06	4.64E-06	5.46E-04	2.53E-04	1.15E-02	4.49E-04	1.70E-04	1.24E-02	2.40E-04	0.00E+00	5.99E-06	4.64E-06	2.51E-04
2616	490510.04, 3858710.04	0.12599	0.35721	0.07014	0.05331	5.37E-04	0.00E+00	5.97E-06	4.59E-06	5.47E-04	2.53E-04	1.13E-02	4.47E-04	1.68E-04	1.21E-02	2.41E-04	0.00E+00	5.97E-06	4.59E-06	2.51E-04
2617	490560.04, 3858710.04	0.12603	0.3496	0.06993	0.05278	5.37E-04	0.00E+00	5.95E-06	4.54E-06	5.47E-04	2.53E-04	1.10E-02	4.46E-04	1.67E-04	1.19E-02	2.41E-04	0.00E+00	5.95E-06	4.54E-06	2.51E-04
2618	490610.04, 3858710.04	0.12602	0.34175	0.06974	0.05227	5.37E-04	0.00E+00	5.93E-06	4.50E-06	5.47E-04	2.53E-04	1.08E-02	4.45E-04	1.65E-04	1.16E-02	2.41E-04	0.00E+00	5.93E-06	4.50E-06	2.51E-04
2619	490660.04, 3858710.04	0.12584	0.33656	0.06956	0.05175	5.36E-04	0.00E+00	5.92E-06	4.46E-06	5.46E-04	2.53E-04	1.06E-02	4.44E-04	1.63E-04	1.15E-02	2.40E-04	0.00E+00	5.92E-06	4.46E-06	2.51E-04
2620	490710.04, 3858710.04	0.12577	0.32753	0.06944	0.0513	5.36E-04	0.00E+00	5.91E-06	4.42E-06	5.46E-04	2.53E-04	1.03E-02	4.43E-04	1.62E-04	1.12E-02	2.40E-04	0.00E+00	5.91E-06	4.42E-06	2.51E-04
2621	490760.04, 3858710.04	0.12559	0.31971	0.06934	0.05084	5.35E-04	0.00E+00	5.90E-06	4.38E-06	5.45E-04	2.52E-04	1.01E-02	4.42E-04	1.61E-04	1.09E-02	2.40E-04	0.00E+00	5.90E-06	4.38E-06	2.50E-04
2622	490810.04, 3858710.04	0.12534	0.31206	0.06928	0.05041	5.34E-04	0.00E+00	5.89E-06	4.34E-06	5.44E-04	2.52E-04	9.83E-03	4.42E-04	1.59E-04	1.07E-02	2.39E-04	0.00E+00	5.89E-06	4.34E-06	2.50E-04
2623	490860.04, 3858710.04	0.12507	0.30307	0.06931	0.05002	5.33E-04	0.00E+00	5.89E-06	4.31E-06	5.43E-04	2.51E-04	9.55E-03	4.42E-04	1.58E-04	1.04E-02	2.39E-04	0.00E+00	5.89E-06	4.31E-06	2.49E-04
2624	490360.04, 3858760.04	0.12024	0.39846	0.06547	0.05653	5.12E-04	0.00E+00	5.57E-06	4.87E-06	5.22E-04	2.42E-04	1.26E-02	4.18E-04	1.78E-04	1.34E-02	2.30E-04	0.00E+00	5.57E-06	4.87E-06	2.40E-04
2625	490410.04, 3858760.04	0.12077	0.38767	0.06523	0.05588	5.14E-04	0.00E+00	5.55E-06	4.81E-06	5.25E-04	2.43E-04	1.22E-02	4.16E-04	1.76E-04	1.30E-02	2.31E-04	0.00E+00	5.55E-06	4.81E-06	2.41E-04
2626	490460.04, 3858760.04	0.12125	0.37634	0.06501	0.05526	5.16E-04	0.00E+00	5.53E-06	4.76E-06	5.27E-04	2.44E-04	1.19E-02	4.15E-04	1.74E-04	1.27E-02	2.32E-04	0.00E+00	5.53E-06	4.76E-06	2.42E-04
2627	490510.04, 3858760.04	0.12163	0.36502	0.06483	0.05468	5.18E-04	0.00E+00	5.51E-06	4.71E-06	5.28E-04	2.44E-04	1.15E-02	4.14E-04	1.73E-04	1.23E-02	2.32E-04	0.00E+00	5.51E-06	4.71E-06	2.43E-04
2628	490560.04, 3858760.04	0.12183	0.35592	0.0647	0.05412	5.19E-04	0.00E+00	5.50E-06	4.66E-06	5.29E-04	2.45E-04	1.12E-02	4.13E-04	1.71E-04	1.20E-02	2.33E-04	0.00E+00	5.50E-06	4.66E-06	2.43E-04
2629	490610.04, 3858760.04	0.12196	0.34651	0.0646	0.05357	5.19E-04	0.00E+00	5.49E-06	4.61E-06	5.29E-04	2.45E-04	1.09E-02	4.12E-04	1.69E-04	1.17E-02	2.33E-04	0.00E+00	5.49E-06	4.61E-06	2.43E-04
2630	490660.04, 3858760.04	0.12199	0.33812	0.06453	0.05304	5.20E-04	0.00E+00	5.49E-06	4.57E-06	5.30E-04	2.45E-04	1.07E-02	4.12E-04	1.67E-04	1.15E-02	2.33E-04	0.00E+00	5.49E-06	4.57E-06	2.43E-04
2631	490710.04, 3858760.04	0.12195	0.32987	0.06449	0.05253	5.19E-04	0.00E+00	5.48E-06	4.52E-06	5.29E-04	2.45E-04	1.04E-02	4.11E-04	1.66E-04	1.12E-02	2.33E-04	0.00E+00	5.48E-06	4.52E-06	2.43E-04
2632	490760.04, 3858760.04	0.12187	0.32065	0.06452	0.05205	5.19E-04	0.00E+00	5.49E-06	4.48E-06	5.29E-04	2.45E-04	1.01E-02	4.12E-04	1.64E-04	1.09E-02	2.33E-04	0.00E+00	5.49E-06	4.48E-06	2.43E-04
2633	490810.04, 3858760.04	0.1217	0.31215	0.06458	0.05157	5.18E-04	0.00E+00	5.49E-06	4.44E-06	5.28E-04	2.44E-04	9.83E-03	4.12E-04	1.63E-04	1.07E-02	2.32E-04	0.00E+00	5.49E-06	4.44E-06	2.42E-04
2634	490860.04, 3858760.04	0.12145	0.30472	0.06462	0.05109	5.17E-04	0.00E+00	5.50E-06	4.40E-06	5.27E-04	2.44E-04	9.60E-03	4.12E-04	1.61E-04	1.04E-02	2.32E-04	0.00E+00	5.50E-06	4.40E-06	2.42E-04
2635	490360.04, 3858810.04	0.11568	0.40715	0.06033	0.0581	4.93E-04	0.00E+00	5.13E-06	5.00E-06	5.03E-04	2.32E-04	1.28E-02	3.85E-04	1.83E-04	1.36E-02	2.21E-04	0.00E+00	5.13E-06	5.00E-06	2.31E-04
2636	490410.04, 3858810.04	0.11631	0.3952	0.0602	0.0574	4.95E-04	0.00E+00	5.12E-06	4.94E-06	5.05E-04	2.34E-04	1.24E-02	3.84E-04	1.81E-04	1.32E-02	2.22E-04	0.00E+00	5.12E-06	4.94E-06	2.32E-04
2637	490460.04, 3858810.04	0.11686	0.38327	0.0601	0.05673	4.98E-04	0.00E+00	5.11E-06	4.89E-06	5.08E-04	2.35E-04	1.21E-02	3.83E-04	1.79E-04	1.29E-02	2.23E-04	0.00E+00	5.11E-06	4.89E-06	2.33E-04
2638	490510.04, 3858810.04	0.11723	0.37373	0.06003	0.05607	4.99E-04	0.00E+00	5.11E-06	4.83E-06	5.09E-04	2.35E-04	1.18E-02	3.83E-04	1.77E-04	1.26E-02	2.24E-04	0.00E+00	5.11E-06	4.83E-06	2.34E-04
2639	490560.04, 3858810.04	0.11754	0.36395	0.05997	0.05544	5.01E-04	0.00E+00	5.10E-06	4.77E-06	5.10E-04	2.36E-04	1.15E-02	3.83E-04	1.75E-04	1.23E-02	2.24E-04	0.00E+00	5.10E-06	4.77E-06	2.34E-04
2640	490610.04, 3858810.04	0.11784	0.3523	0.05994	0.05486	5.02E-04	0.00E+00	5.10E-06	4.72E-06	5.12E-04	2.37E-04	1.11E-02	3.82E-04	1.73E-04	1.19E-02	2.25E-04	0.00E+00	5.10E-06	4.72E-06	2.35E-04
2641	490660.04, 3858810.04	0.11799	0.34272	0.05995	0.05428	5.02E-04	0.00E+00	5.10E-06	4.67E-06	5.12E-04	2.37E-04	1.08E-02	3.82E-04	1.71E-04	1.16E-02	2.25E-04	0.00E+00	5.10E-06	4.67E-06	2.35E-04
2642	490710.04, 3858810.04	0.11808	0.33266	0.06001	0.05372	5.03E-04	0.00E+00	5.10E-06	4.63E-06	5.13E-04	2.37E-04	1.05E-02	3.83E-04	1.70E-04	1.13E-02	2.26E-04	0.00E+00	5.10E-06	4.63E-06	2.35E-04
2643	490760.04, 3858810.04	0.11811	0.32101	0.06019	0.05323	5.03E-04	0.00E+00	5.12E-06	4.58E-06	5.13E-04	2.37E-04	1.01E-02	3.84E-04	1.68E-04	1.09E-02	2.26E-04	0.00E+00	5.12E-06	4.58E-06	2.35E-04
2644	490810.04, 3858810.04	0.11799	0.3149	0.0602	0.05263	5.02E-04	0.00E+00	5.12E-06	4.53E-06	5.12E-04	2.37E-04	9.92E-03	3.84E-04	1.66E-04	1.07E-02	2.25E-04	0.00E+00	5.12E-06	4.53E-06	2.35E-04
2645	490860.04, 3858810.04	0.11784	0.30561	0.06038	0.05212	5.02E-04	0.00E+00	5.14E-06	4.49E-06	5.11E-04	2.37E-04	9.63E-03	3.85E-04	1.65E-04	1.04E-02	2.25E-04	0.00E+00	5.14E-06	4.49E-06	2.35E-04
2646	490360.04, 3858860.04	0.11128	0.41283	0.05556	0.05972	4.74E-04	0.00E+00	4.73E-06	5.14E-06	4.84E-04	2.24E-04	1.30E-02	3.54E-04	1.89E-04	1.38E-02	2.13E-04	0.00E+00	4.73E-06	5.14E-06	2.22E-04
2647	490410.04, 3858860.04	0.11179	0.40384	0.05562	0.05893	4.76E-04	0.00E+00	4.73E-06	5.07E-06	4.86E-04	2.25E-04	1.27E-02	3.55E-04	1.86E-04	1.35E-02	2.14E-04	0.00E+00	4.73E-06	5.07E-06	2.23E-04
2648	490460.04, 3858860.04	0.11247	0.39019	0.05561	0.0582	4.79E-04	0.00E+00	4.73E-06	5.01E-06	4.89E-04	2.26E-04	1.23E-02	3.55E-04	1.84E-04	1.31E-02	2.15E-04	0.00E+00	4.73E-06	5.01E-06	2.25E-04
2649	490510.04, 3858860.04	0.11285	0.38208	0.05564	0.05745	4.81E-04	0.00E+00	4.73E-06	4.95E-06	4.90E-04	2.27E-04	1.20E-02	3.55E-04	1.81E-04	1.28E-02	2.16E-04	0.00E+00	4.73E-06	4.95E-06	2.25E-04
2650	490560.04, 3858860.04	0.11331	0.37027	0.05565	0.05676	4.83E-04	0.00E+00	4.73E-06	4.89E-06	4.92E-04	2.28E-04	1.17E-02	3.55E-04	1.79E-04	1.24E-02	2.16E-04	0.00E+00	4.73E-06	4.89E-06	2.26E-04
2651	490610.04, 3858860.04	0.11376	0.35599	0.05571	0.05614	4.84E-04	0.00E+00	4.74E-06	4.83E-06	4.94E-04	2.28E-04	1.12E-02	3.55E-04	1.77E-04	1.20E-02	2.17E-04	0.00E+00	4.74E-06	4.83E-06	2.27E-04

2652	490660.04, 3858860.04	0.114	0.34612	0.05578	0.05548	4.85E-04	0.00E+00	4.74E-06	4.78E-06	4.95E-04	2.29E-04	1.09E-02	3.56E-04	1.75E-04	1.17E-02	2.18E-04	0.00E+00	4.74E-06	4.78E-06	2.27E-04
2653	490710.04, 3858860.04	0.11413	0.33813	0.05584	0.05482	4.86E-04	0.00E+00	4.75E-06	4.72E-06	4.96E-04	2.29E-04	1.07E-02	3.56E-04	1.73E-04	1.14E-02	2.18E-04	0.00E+00	4.75E-06	4.72E-06	2.27E-04
2654	490760.04, 3858860.04	0.11426	0.32619	0.05604	0.05425	4.87E-04	0.00E+00	4.77E-06	4.67E-06	4.96E-04	2.29E-04	1.03E-02	3.57E-04	1.71E-04	1.10E-02	2.18E-04	0.00E+00	4.77E-06	4.67E-06	2.28E-04
2655	490810.04, 3858860.04	0.11428	0.31538	0.05627	0.05368	4.87E-04	0.00E+00	4.79E-06	4.62E-06	4.96E-04	2.30E-04	9.93E-03	3.59E-04	1.69E-04	1.07E-02	2.18E-04	0.00E+00	4.79E-06	4.62E-06	2.28E-04
2656	490860.04, 3858860.04	0.11418	0.30471	0.05657	0.05314	4.86E-04	0.00E+00	4.81E-06	4.58E-06	4.96E-04	2.29E-04	9.60E-03	3.61E-04	1.68E-04	1.04E-02	2.18E-04	0.00E+00	4.81E-06	4.58E-06	2.27E-04
2657	490360.04, 3858910.04	0.1066	0.4252	0.05126	0.06132	4.54E-04	0.00E+00	4.36E-06	5.28E-06	4.64E-04	2.14E-04	1.34E-02	3.27E-04	1.94E-04	1.41E-02	2.04E-04	0.00E+00	4.36E-06	5.28E-06	2.13E-04
2658	490410.04, 3858910.04	0.1073	0.41283	0.05138	0.06045	4.57E-04	0.00E+00	4.37E-06	5.21E-06	4.67E-04	2.16E-04	1.30E-02	3.28E-04	1.91E-04	1.37E-02	2.05E-04	0.00E+00	4.37E-06	5.21E-06	2.15E-04
2659	490460.04, 3858910.04	0.10798	0.40006	0.05147	0.05961	4.60E-04	0.00E+00	4.38E-06	5.13E-06	4.69E-04	2.17E-04	1.26E-02	3.28E-04	1.88E-04	1.33E-02	2.06E-04	0.00E+00	4.38E-06	5.13E-06	2.16E-04
2660	490510.04, 3858910.04	0.10861	0.38695	0.05156	0.05882	4.63E-04	0.00E+00	4.39E-06	5.06E-06	4.72E-04	2.18E-04	1.22E-02	3.29E-04	1.86E-04	1.29E-02	2.07E-04	0.00E+00	4.39E-06	5.06E-06	2.17E-04
2661	490560.04, 3858910.04	0.10917	0.37351	0.05166	0.05806	4.65E-04	0.00E+00	4.39E-06	5.00E-06	4.74E-04	2.19E-04	1.18E-02	3.30E-04	1.83E-04	1.25E-02	2.09E-04	0.00E+00	4.39E-06	5.00E-06	2.18E-04
2662	490610.04, 3858910.04	0.10965	0.36037	0.0518	0.05734	4.67E-04	0.00E+00	4.41E-06	4.94E-06	4.76E-04	2.20E-04	1.14E-02	3.30E-04	1.81E-04	1.21E-02	2.09E-04	0.00E+00	4.41E-06	4.94E-06	2.19E-04
2663	490660.04, 3858910.04	0.10998	0.34971	0.05194	0.05662	4.68E-04	0.00E+00	4.42E-06	4.88E-06	4.78E-04	2.21E-04	1.10E-02	3.31E-04	1.79E-04	1.17E-02	2.10E-04	0.00E+00	4.42E-06	4.88E-06	2.19E-04
2664	490710.04, 3858910.04	0.11026	0.33805	0.05213	0.05594	4.70E-04	0.00E+00	4.43E-06	4.82E-06	4.79E-04	2.21E-04	1.06E-02	3.33E-04	1.77E-04	1.14E-02	2.11E-04	0.00E+00	4.43E-06	4.82E-06	2.20E-04
2665	490760.04, 3858910.04	0.11046	0.32514	0.0524	0.05533	4.70E-04	0.00E+00	4.46E-06	4.76E-06	4.80E-04	2.22E-04	1.02E-02	3.34E-04	1.75E-04	1.10E-02	2.11E-04	0.00E+00	4.46E-06	4.76E-06	2.20E-04
2666	490810.04, 3858910.04	0.11053	0.31568	0.05263	0.05467	4.71E-04	0.00E+00	4.48E-06	4.71E-06	4.80E-04	2.22E-04	9.94E-03	3.36E-04	1.73E-04	1.07E-02	2.11E-04	0.00E+00	4.48E-06	4.71E-06	2.20E-04
2667	490860.04, 3858910.04	0.1105	0.30358	0.05304	0.0541	4.71E-04	0.00E+00	4.51E-06	4.66E-06	4.80E-04	2.22E-04	9.56E-03	3.38E-04	1.71E-04	1.03E-02	2.11E-04	0.00E+00	4.51E-06	4.66E-06	2.20E-04
2668	490360.04, 3858960.04	0.10229	0.43198	0.04718	0.06289	4.36E-04	0.00E+00	4.01E-06	5.42E-06	4.45E-04	2.05E-04	1.36E-02	3.01E-04	1.99E-04	1.43E-02	1.95E-04	0.00E+00	4.01E-06	5.42E-06	2.05E-04
2669	490410.04, 3858960.04	0.10306	0.4175	0.04738	0.06193	4.39E-04	0.00E+00	4.03E-06	5.33E-06	4.48E-04	2.07E-04	1.32E-02	3.02E-04	1.96E-04	1.39E-02	1.97E-04	0.00E+00	4.03E-06	5.33E-06	2.06E-04
2670	490460.04, 3858960.04	0.10382	0.4026	0.04756	0.06102	4.42E-04	0.00E+00	4.04E-06	5.25E-06	4.51E-04	2.09E-04	1.27E-02	3.03E-04	1.93E-04	1.34E-02	1.98E-04	0.00E+00	4.04E-06	5.25E-06	2.08E-04
2671	490510.04, 3858960.04	0.10446	0.38934	0.04776	0.06014	4.45E-04	0.00E+00	4.06E-06	5.18E-06	4.54E-04	2.10E-04	1.23E-02	3.05E-04	1.90E-04	1.30E-02	2.00E-04	0.00E+00	4.06E-06	5.18E-06	2.09E-04
2672	490560.04, 3858960.04	0.10504	0.37656	0.04795	0.05929	4.47E-04	0.00E+00	4.08E-06	5.11E-06	4.57E-04	2.11E-04	1.19E-02	3.06E-04	1.87E-04	1.26E-02	2.01E-04	0.00E+00	4.08E-06	5.11E-06	2.10E-04
2673	490610.04, 3858960.04	0.1056	0.36137	0.04819	0.05852	4.50E-04	0.00E+00	4.10E-06	5.04E-06	4.59E-04	2.12E-04	1.14E-02	3.07E-04	1.85E-04	1.21E-02	2.02E-04	0.00E+00	4.10E-06	5.04E-06	2.11E-04
2674	490660.04, 3858960.04	0.10597	0.35295	0.04836	0.05769	4.51E-04	0.00E+00	4.11E-06	4.97E-06	4.60E-04	2.13E-04	1.11E-02	3.08E-04	1.82E-04	1.18E-02	2.02E-04	0.00E+00	4.11E-06	4.97E-06	2.11E-04
2675	490710.04, 3858960.04	0.10635	0.33888	0.04864	0.05699	4.53E-04	0.00E+00	4.14E-06	4.91E-06	4.62E-04	2.14E-04	1.07E-02	3.10E-04	1.80E-04	1.14E-02	2.03E-04	0.00E+00	4.14E-06	4.91E-06	2.12E-04
2676	490760.04, 3858960.04	0.10661	0.32672	0.04893	0.05629	4.54E-04	0.00E+00	4.16E-06	4.85E-06	4.63E-04	2.14E-04	1.03E-02	3.12E-04	1.78E-04	1.10E-02	2.04E-04	0.00E+00	4.16E-06	4.85E-06	2.13E-04
2677	490810.04, 3858960.04	0.10675	0.31489	0.04928	0.05563	4.55E-04	0.00E+00	4.19E-06	4.79E-06	4.64E-04	2.14E-04	9.92E-03	3.14E-04	1.76E-04	1.06E-02	2.04E-04	0.00E+00	4.19E-06	4.79E-06	2.13E-04
2678	490860.04, 3858960.04	0.10681	0.30193	0.04975	0.05503	4.55E-04	0.00E+00	4.23E-06	4.74E-06	4.64E-04	2.15E-04	9.51E-03	3.17E-04	1.74E-04	1.02E-02	2.04E-04	0.00E+00	4.23E-06	4.74E-06	2.13E-04
2679	490360.04, 3859010.04	0.09814	0.43781	0.04342	0.06439	4.18E-04	0.00E+00	3.69E-06	5.54E-06	4.27E-04	1.97E-04	1.38E-02	2.77E-04	2.03E-04	1.45E-02	1.87E-04	0.00E+00	3.69E-06	5.54E-06	1.97E-04
2680	490410.04, 3859010.04	0.09894	0.42156	0.04367	0.06333	4.21E-04	0.00E+00	3.71E-06	5.45E-06	4.31E-04	1.99E-04	1.33E-02	2.79E-04	2.00E-04	1.40E-02	1.89E-04	0.00E+00	3.71E-06	5.45E-06	1.98E-04
2681	490460.04, 3859010.04	0.09975	0.40361	0.04392	0.06236	4.25E-04	0.00E+00	3.74E-06	5.37E-06	4.34E-04	2.00E-04	1.27E-02	2.80E-04	1.97E-04	1.34E-02	1.91E-04	0.00E+00	3.74E-06	5.37E-06	2.00E-04
2682	490510.04, 3859010.04	0.10047	0.38689	0.04421	0.06143	4.28E-04	0.00E+00	3.76E-06	5.29E-06	4.37E-04	2.02E-04	1.22E-02	2.82E-04	1.94E-04	1.29E-02	1.92E-04	0.00E+00	3.76E-06	5.29E-06	2.01E-04
2683	490560.04, 3859010.04	0.10101	0.37654	0.04448	0.06047	4.30E-04	0.00E+00	3.78E-06	5.21E-06	4.39E-04	2.03E-04	1.19E-02	2.84E-04	1.91E-04	1.25E-02	1.93E-04	0.00E+00	3.78E-06	5.21E-06	2.02E-04
2684	490610.04, 3859010.04	0.10159	0.36129	0.0448	0.05964	4.33E-04	0.00E+00	3.81E-06	5.14E-06	4.42E-04	2.04E-04	1.14E-02	2.86E-04	1.88E-04	1.21E-02	1.94E-04	0.00E+00	3.81E-06	5.14E-06	2.03E-04
2685	490660.04, 3859010.04	0.10202	0.35304	0.04504	0.05873	4.34E-04	0.00E+00	3.83E-06	5.06E-06	4.43E-04	2.05E-04	1.11E-02	2.87E-04	1.85E-04	1.18E-02	1.95E-04	0.00E+00	3.83E-06	5.06E-06	2.04E-04
2686	490710.04, 3859010.04	0.10245	0.33818	0.04539	0.05799	4.36E-04	0.00E+00	3.86E-06	4.99E-06	4.45E-04	2.06E-04	1.07E-02	2.90E-04	1.83E-04	1.13E-02	1.96E-04	0.00E+00	3.86E-06	4.99E-06	2.05E-04
2687	490760.04, 3859010.04	0.10275	0.32511	0.04576	0.05727	4.38E-04	0.00E+00	3.89E-06	4.93E-06	4.46E-04	2.06E-04	1.02E-02	2.92E-04	1.81E-04	1.09E-02	1.96E-04	0.00E+00	3.89E-06	4.93E-06	2.05E-04
2688	490810.04, 3859010.04	0.10297	0.31241	0.04618	0.05658	4.39E-04	0.00E+00	3.93E-06	4.87E-06	4.47E-04	2.07E-04	9.84E-03	2.95E-04	1.79E-04	1.05E-02	1.97E-04	0.00E+00	3.93E-06	4.87E-06	2.05E-04
2689	490860.04, 3859010.04	0.10312	0.30113	0.0466	0.05591	4.39E-04	0.00E+00	3.96E-06	4.81E-06	4.48E-04	2.07E-04	9.49E-03	2.97E-04	1.77E-04	1.02E-02	1.97E-04	0.00E+00	3.96E-06	4.81E-06	2.06E-04
2690	490360.04, 3859060.04	0.09426	0.44122	0.03998	0.06578	4.01E-04	0.00E+00	3.40E-06	5.66E-06	4.10E-04	1.89E-04	1.39E-02	2.55E-04	2.08E-04	1.46E-02	1.80E-04	0.00E+00	3.40E-06	5.66E-06	1.89E-04
2691	490410.04, 3859060.04	0.09511	0.4203	0.04024	0.06466	4.05E-04	0.00E+00	3.42E-06	5.57E-06	4.14E-04	1.91E-04	1.32E-02	2.57E-04	2.04E-04	1.39E-02	1.82E-04	0.00E+00	3.42E-06	5.57E-06	1.91E-04
2692	490460.04, 3859060.04	0.09582	0.40344	0.04055	0.06359	4.08E-04	0.00E+00	3.45E-06	5.48E-06	4.17E-04	1.92E-04	1.27E-02	2.59E-04	2.01E-04	1.34E-02	1.83E-04	0.00E+00	3.45E-06	5.48E-06	1.92E-04
2693	490510.04, 3859060.04	0.09647	0.38876	0.04088	0.06256	4.11E-04	0.00E+00	3.48E-06	5.39E-06	4.20E-04	1.94E-04	1.22E-02	2.61E-04	1.98E-04	1.29E-02	1.84E-04	0.00E+00	3.48E-06	5.39E-06	1.93E-04
2694	490560.04, 3859060.04	0.0971	0.37243	0.04125	0.06163	4.14E-04	0.00E+00	3.51E-06	5.31E-06	4.22E-04	1.95E-04	1.17E-02	2.63E-04	1.95E-04	1.24E-02	1.85E-04	0.00E+00	3.51E-06	5.31E-06	1.94E-04
2695	490610.04, 3859060.04	0.09763	0.36096	0.04159	0.06067	4.16E-04	0.00E+00	3.54E-06	5.22E-06	4.25E-04	1.96E-04	1.14E-02	2.65E-04	1.92E-04	1.20E-02	1.86E-04	0.00E+00	3.54E-06	5.22E-06	1.95E-04
2696	490660.04, 3859060.04	0.09812	0.35038	0.04192	0.05975	4.18E-04	0.00E+00	3.57E-06	5.15E-06	4.27E-04	1.97E-04	1.10E-02	2.67E-04	1.89E-04	1.17E-02	1.87E-04	0.00E+00	3.57E-06	5.15E-06	1.96E-04
2697	490710.04, 3859060.04	0.09855	0.33519	0.04235	0.05898	4.20E-04	0.00E+00	3.60E-06	5.08E-06	4.28E-04	1.98E-04	1.06E-02	2.70E-04	1.86E-04	1.12E-02	1.88E-04	0.00E+00	3.60E-06	5.08E-06	1.97E-04
2698	490760.04, 3859060.04	0.0989	0.32187	0.04279	0.05823	4.21E-04	0.00E+00	3.64E-06	5.01E-06	4.30E-04	1.99E-04	1.01E-02	2.73E-04	1.84E-04	1.08E-02	1.89E-04	0.00E+00	3.64E-06	5.01E-06	1.98E-04
2699	490810.04, 3859060.04	0.09919	0.30876	0.04326	0.05752	4.22E-04	0.00E+00	3.68E-06	4.95E-06	4.31E-04	1.99E-04	9.73E-03	2.76E-04	1.82E-04	1.04E-02	1.89E-04	0.00E+00	3.68E-06	4.95E-06	1.98E-04
2700	490860.04, 3859060.04	0.09918	0.29725	0.04373	0.05682	4.22E-04	0.00E+00	3.72E-06	4.89E-06	4.31E-04	1.99E-04	9.36E-03	2.79E-04	1.79E-04	1.00E-02	1.89E-04	0.00E+00	3.72E-06	4.89E-06	1.98E-04
2701	490360.04, 3859110.04	0.09053	0.44681	0.03694	0.067	3.86E-04	0.00E+00	3.14E-06	5.77E-06	3.94E-04	1.82E-04	1.41E-02	2.36E-04	2.12E-04	1.47E-02	1.73E-04	0.00E+00	3.14E-06	5.77E-06	1.82E-04
2702	490410.04, 3859110.04	0.09131	0.42509	0.03718	0.0658	3.89E-04	0.00E+00	3.16E-06	5.67E-06	3.98E-04	1.83E-04	1.34E-02	2.37E-04	2.08E-04	1.40E-02	1.74E-04	0.00E+00	3.16E-06	5.67E-06	1.83E-04
2703	490460.04, 3859110.04	0.09194	0.40954	0.03748	0.06463	3.92E-04	0.00E+00	3.19E-06	5.57E-06	4.00E-04	1.85E-04	1.29E-02	2.39E-04	2.04E-04	1.35E-02	1.76E-04	0.00E+00	3.19E-06	5.57E-06	1.84E-04
2704	490510.04, 3859110.04	0.09267	0.38662	0.03783	0.06365	3.95E-04	0.00E+00	3.22E-06	5.48E-06	4.03E-04	1.86E-04	1.22E-02	2.41E-04	2.01E-04	1.28E-02	1.77E-04	0.00E+00	3.22E-06	5.48E-06	1.86E-04
2705	490560.04, 3859110.04	0.09326	0.37167	0.03821	0.06264	3.97E-04	0.00E+00	3.25E-06	5.39E-06	4.06E-04	1.87E-04	1.17E-02	2.44E-04	1.98E-04	1.23E-02	1.78E-04	0.00E+00	3.25E-06	5.39E-06	1.87E-04
2706	490610.04, 3859110.04	0.09381	0.35619	0.03862	0.06172	4.00E-04	0.00E+00	3.28E-06	5.31E-06	4.08E-04	1.88E-04	1.12E-02	2.46E-04	1.95E-04	1.18E-02	1.79E-04	0.00E+00	3.28E-06	5.31E-06	1.88E-04
2707	490660.04, 3859110.04	0.09427	0.33997	0.03909	0.06088	4.01E-04	0.00E+00	3.32E-06	5.24E-06	4.10E-04	1.89E-04	1.07E-02	2.49E-04	1.92E-04	1.13E-02	1.80E-04	0.00E+00	3.32E-06	5.24E-06	1.89E-04
2708	490710.04, 3859110.04	0.09471	0.32943	0.0395	0.05998	4.03E-04	0.00E+00	3.36E-06	5.16E-06	4.12E-04	1.90E-04	1.04E-02	2.52E-04	1.89E-04	1.10E-02	1.81E-04	0.00E+00	3.36E-06	5.16E-06	1.89E-04
2709	490760.04, 3859110.04	0.0951	0.31699	0.03996	0.05918	4.05E-04	0.00E+00	3.40E-06	5.10E-06	4.13E-04	1.91E-04	9.99E-03	2.55E-04	1.87E-04	1.06E-02	1.82E-04	0.00E+00	3.40E-06	5.10E-06	1.90E-04
2710	490810.04, 3859110.04	0.09514	0.30317	0.04051	0.05846	4.05E-04	0.00E+00	3.45E-06	5.03E-06	4.14E-04	1.91E-04	9.55E-03	2.58E-04	1.85E-04	1.02E-02	1.82E-04	0.00E+00	3.45E-06	5.03E-06	1.90E-04

2711	490860.04, 3859110.04	0.09526	0.29029	0.04108	0.05777	4.06E-04	0.00E+00	3.49E-06	4.97E-06	4.14E-04	1.91E-04	9.14E-03	2.62E-04	1.82E-04	9.78E-03	1.82E-04	0.00E+00	3.49E-06	4.97E-06	1.90E-04
2712	490360.04, 3859160.04	0.08702	0.45353	0.03428	0.06809	3.71E-04	0.00E+00	2.92E-06	5.86E-06	3.79E-04	1.75E-04	1.43E-02	2.19E-04	2.15E-04	1.49E-02	1.66E-04	0.00E+00	2.92E-06	5.86E-06	1.75E-04
2713	490410.04, 3859160.04	0.08771	0.43189	0.03449	0.0668	3.74E-04	0.00E+00	2.93E-06	5.75E-06	3.82E-04	1.76E-04	1.36E-02	2.20E-04	2.11E-04	1.42E-02	1.68E-04	0.00E+00	2.93E-06	5.75E-06	1.76E-04
2714	490460.04, 3859160.04	0.08835	0.41289	0.03476	0.06559	3.76E-04	0.00E+00	2.96E-06	5.65E-06	3.85E-04	1.77E-04	1.30E-02	2.22E-04	2.07E-04	1.36E-02	1.69E-04	0.00E+00	2.96E-06	5.65E-06	1.77E-04
2715	490510.04, 3859160.04	0.08896	0.39437	0.03506	0.06449	3.79E-04	0.00E+00	2.98E-06	5.55E-06	3.87E-04	1.79E-04	1.24E-02	2.24E-04	2.04E-04	1.30E-02	1.70E-04	0.00E+00	2.98E-06	5.55E-06	1.78E-04
2716	490560.04, 3859160.04	0.08957	0.37383	0.03542	0.06352	3.81E-04	0.00E+00	3.01E-06	5.47E-06	3.90E-04	1.80E-04	1.18E-02	2.26E-04	2.01E-04	1.24E-02	1.71E-04	0.00E+00	3.01E-06	5.47E-06	1.80E-04
2717	490610.04, 3859160.04	0.0901	0.35963	0.03579	0.06251	3.84E-04	0.00E+00	3.04E-06	5.38E-06	3.92E-04	1.81E-04	1.13E-02	2.28E-04	1.97E-04	1.19E-02	1.72E-04	0.00E+00	3.04E-06	5.38E-06	1.81E-04
2718	490660.04, 3859160.04	0.09054	0.33542	0.03634	0.06183	3.86E-04	0.00E+00	3.09E-06	5.32E-06	3.94E-04	1.82E-04	1.06E-02	2.32E-04	1.95E-04	1.12E-02	1.73E-04	0.00E+00	3.09E-06	5.32E-06	1.81E-04
2719	490710.04, 3859160.04	0.09098	0.32411	0.03678	0.06091	3.87E-04	0.00E+00	3.13E-06	5.24E-06	3.96E-04	1.83E-04	1.02E-02	2.35E-04	1.92E-04	1.08E-02	1.74E-04	0.00E+00	3.13E-06	5.24E-06	1.82E-04
2720	490760.04, 3859160.04	0.09097	0.30707	0.03737	0.0602	3.87E-04	0.00E+00	3.18E-06	5.18E-06	3.96E-04	1.83E-04	9.67E-03	2.38E-04	1.90E-04	1.03E-02	1.74E-04	0.00E+00	3.18E-06	5.18E-06	1.82E-04
2721	490810.04, 3859160.04	0.09124	0.29675	0.03786	0.05936	3.89E-04	0.00E+00	3.22E-06	5.11E-06	3.97E-04	1.83E-04	9.35E-03	2.41E-04	1.87E-04	9.96E-03	1.74E-04	0.00E+00	3.22E-06	5.11E-06	1.83E-04
2722	490860.04, 3859160.04	0.09144	0.28603	0.03839	0.05856	3.89E-04	0.00E+00	3.26E-06	5.04E-06	3.98E-04	1.84E-04	9.01E-03	2.45E-04	1.85E-04	9.62E-03	1.75E-04	0.00E+00	3.26E-06	5.04E-06	1.83E-04
2723	490360.04, 3859210.04	0.08379	0.45962	0.03195	0.06905	3.57E-04	0.00E+00	2.72E-06	5.95E-06	3.65E-04	1.68E-04	1.45E-02	2.04E-04	2.18E-04	1.51E-02	1.60E-04	0.00E+00	2.72E-06	5.95E-06	1.69E-04
2724	490410.04, 3859210.04	0.08427	0.44397	0.03217	0.06764	3.59E-04	0.00E+00	2.74E-06	5.82E-06	3.67E-04	1.69E-04	1.40E-02	2.05E-04	2.14E-04	1.46E-02	1.61E-04	0.00E+00	2.74E-06	5.82E-06	1.70E-04
2725	490460.04, 3859210.04	0.08499	0.41656	0.03237	0.06643	3.62E-04	0.00E+00	2.75E-06	5.72E-06	3.70E-04	1.71E-04	1.31E-02	2.06E-04	2.10E-04	1.37E-02	1.62E-04	0.00E+00	2.75E-06	5.72E-06	1.71E-04
2726	490510.04, 3859210.04	0.08556	0.39663	0.03264	0.06529	3.64E-04	0.00E+00	2.78E-06	5.62E-06	3.73E-04	1.72E-04	1.25E-02	2.08E-04	2.06E-04	1.31E-02	1.63E-04	0.00E+00	2.78E-06	5.62E-06	1.72E-04
2727	490560.04, 3859210.04	0.08606	0.38194	0.03293	0.06416	3.66E-04	0.00E+00	2.80E-06	5.52E-06	3.75E-04	1.73E-04	1.20E-02	2.10E-04	2.03E-04	1.26E-02	1.64E-04	0.00E+00	2.80E-06	5.52E-06	1.73E-04
2728	490610.04, 3859210.04	0.08658	0.36394	0.03326	0.06318	3.69E-04	0.00E+00	2.83E-06	5.44E-06	3.77E-04	1.74E-04	1.15E-02	2.12E-04	1.99E-04	1.20E-02	1.65E-04	0.00E+00	2.83E-06	5.44E-06	1.74E-04
2729	490660.04, 3859210.04	0.08702	0.34063	0.0337	0.06241	3.71E-04	0.00E+00	2.87E-06	5.37E-06	3.79E-04	1.75E-04	1.07E-02	2.15E-04	1.97E-04	1.13E-02	1.66E-04	0.00E+00	2.87E-06	5.37E-06	1.74E-04
2730	490710.04, 3859210.04	0.08745	0.32678	0.0341	0.06148	3.72E-04	0.00E+00	2.90E-06	5.29E-06	3.81E-04	1.76E-04	1.03E-02	2.18E-04	1.94E-04	1.09E-02	1.67E-04	0.00E+00	2.90E-06	5.29E-06	1.75E-04
2731	490760.04, 3859210.04	0.08743	0.30872	0.03467	0.06081	3.72E-04	0.00E+00	2.95E-06	5.24E-06	3.81E-04	1.76E-04	9.72E-03	2.21E-04	1.92E-04	1.03E-02	1.67E-04	0.00E+00	2.95E-06	5.24E-06	1.75E-04
2732	490810.04, 3859210.04	0.08785	0.30302	0.03502	0.05978	3.74E-04	0.00E+00	2.98E-06	5.15E-06	3.82E-04	1.76E-04	9.55E-03	2.23E-04	1.89E-04	1.01E-02	1.68E-04	0.00E+00	2.98E-06	5.15E-06	1.76E-04
2733	490860.04, 3859210.04	0.08826	0.29687	0.03538	0.0588	3.76E-04	0.00E+00	3.01E-06	5.06E-06	3.84E-04	1.77E-04	9.35E-03	2.26E-04	1.86E-04	9.94E-03	1.69E-04	0.00E+00	3.01E-06	5.06E-06	1.77E-04
2734	490360.04, 3859260.04	0.08092	0.46227	0.02988	0.06992	3.45E-04	0.00E+00	2.54E-06	6.02E-06	3.53E-04	1.63E-04	1.46E-02	1.91E-04	2.21E-04	1.51E-02	1.55E-04	0.00E+00	2.54E-06	6.02E-06	1.63E-04
2735	490410.04, 3859260.04	0.08135	0.44425	0.03008	0.06845	3.46E-04	0.00E+00	2.56E-06	5.89E-06	3.55E-04	1.63E-04	1.40E-02	1.92E-04	2.16E-04	1.46E-02	1.55E-04	0.00E+00	2.56E-06	5.89E-06	1.64E-04
2736	490460.04, 3859260.04	0.08176	0.42929	0.0303	0.06705	3.48E-04	0.00E+00	2.58E-06	5.77E-06	3.57E-04	1.64E-04	1.35E-02	1.93E-04	2.12E-04	1.41E-02	1.56E-04	0.00E+00	2.58E-06	5.77E-06	1.65E-04
2737	490510.04, 3859260.04	0.08218	0.41449	0.03051	0.06572	3.50E-04	0.00E+00	2.59E-06	5.66E-06	3.58E-04	1.65E-04	1.31E-02	1.95E-04	2.08E-04	1.36E-02	1.57E-04	0.00E+00	2.59E-06	5.66E-06	1.65E-04
2738	490560.04, 3859260.04	0.08272	0.39539	0.03074	0.06457	3.52E-04	0.00E+00	2.61E-06	5.56E-06	3.60E-04	1.66E-04	1.25E-02	1.96E-04	2.04E-04	1.30E-02	1.58E-04	0.00E+00	2.61E-06	5.56E-06	1.66E-04
2739	490610.04, 3859260.04	0.08327	0.37148	0.03104	0.06363	3.55E-04	0.00E+00	2.64E-06	5.48E-06	3.63E-04	1.67E-04	1.17E-02	1.98E-04	2.01E-04	1.23E-02	1.59E-04	0.00E+00	2.64E-06	5.48E-06	1.67E-04
2740	490660.04, 3859260.04	0.0837	0.36305	0.03128	0.06245	3.56E-04	0.00E+00	2.66E-06	5.38E-06	3.64E-04	1.68E-04	1.14E-02	2.00E-04	1.97E-04	1.20E-02	1.60E-04	0.00E+00	2.66E-06	5.38E-06	1.68E-04
2741	490710.04, 3859260.04	0.08416	0.34925	0.03157	0.06143	3.58E-04	0.00E+00	2.68E-06	5.29E-06	3.66E-04	1.69E-04	1.10E-02	2.01E-04	1.94E-04	1.16E-02	1.61E-04	0.00E+00	2.68E-06	5.29E-06	1.69E-04
2742	490760.04, 3859260.04	0.08456	0.32834	0.03199	0.06075	3.60E-04	0.00E+00	2.72E-06	5.23E-06	3.68E-04	1.70E-04	1.03E-02	2.04E-04	1.92E-04	1.09E-02	1.62E-04	0.00E+00	2.72E-06	5.23E-06	1.69E-04
2743	490810.04, 3859260.04	0.085	0.31999	0.03231	0.05975	3.62E-04	0.00E+00	2.75E-06	5.15E-06	3.70E-04	1.71E-04	1.01E-02	2.06E-04	1.89E-04	1.06E-02	1.62E-04	0.00E+00	2.75E-06	5.15E-06	1.70E-04
2744	490860.04, 3859260.04	0.08543	0.3118	0.03265	0.05879	3.64E-04	0.00E+00	2.78E-06	5.06E-06	3.72E-04	1.72E-04	9.82E-03	2.08E-04	1.86E-04	1.04E-02	1.63E-04	0.00E+00	2.78E-06	5.06E-06	1.71E-04
2745	490360.04, 3859310.04	0.0781	0.47194	0.02808	0.07067	3.33E-04	0.00E+00	2.39E-06	6.09E-06	3.41E-04	1.57E-04	1.49E-02	1.79E-04	2.23E-04	1.54E-02	1.49E-04	0.00E+00	2.39E-06	6.09E-06	1.58E-04
2746	490410.04, 3859310.04	0.07848	0.45352	0.02826	0.06909	3.34E-04	0.00E+00	2.40E-06	5.95E-06	3.43E-04	1.58E-04	1.43E-02	1.80E-04	2.18E-04	1.48E-02	1.50E-04	0.00E+00	2.40E-06	5.95E-06	1.58E-04
2747	490460.04, 3859310.04	0.07884	0.43717	0.02846	0.06761	3.36E-04	0.00E+00	2.42E-06	5.82E-06	3.44E-04	1.58E-04	1.38E-02	1.82E-04	2.13E-04	1.43E-02	1.51E-04	0.00E+00	2.42E-06	5.82E-06	1.59E-04
2748	490510.04, 3859310.04	0.07918	0.42397	0.02866	0.06619	3.37E-04	0.00E+00	2.44E-06	5.70E-06	3.45E-04	1.59E-04	1.34E-02	1.83E-04	2.09E-04	1.39E-02	1.51E-04	0.00E+00	2.44E-06	5.70E-06	1.59E-04
2749	490560.04, 3859310.04	0.07958	0.41008	0.02886	0.06486	3.39E-04	0.00E+00	2.45E-06	5.59E-06	3.47E-04	1.60E-04	1.29E-02	1.84E-04	2.05E-04	1.35E-02	1.52E-04	0.00E+00	2.45E-06	5.59E-06	1.60E-04
2750	490610.04, 3859310.04	0.07998	0.39804	0.02906	0.06359	3.41E-04	0.00E+00	2.47E-06	5.48E-06	3.49E-04	1.61E-04	1.25E-02	1.85E-04	2.01E-04	1.31E-02	1.53E-04	0.00E+00	2.47E-06	5.48E-06	1.61E-04
2751	490660.04, 3859310.04	0.08044	0.38344	0.02927	0.06244	3.43E-04	0.00E+00	2.49E-06	5.38E-06	3.50E-04	1.62E-04	1.21E-02	1.87E-04	1.97E-04	1.26E-02	1.54E-04	0.00E+00	2.49E-06	5.38E-06	1.62E-04
2752	490710.04, 3859310.04	0.08098	0.36051	0.02953	0.06159	3.45E-04	0.00E+00	2.51E-06	5.30E-06	3.53E-04	1.63E-04	1.14E-02	1.88E-04	1.94E-04	1.19E-02	1.55E-04	0.00E+00	2.51E-06	5.30E-06	1.62E-04
2753	490760.04, 3859310.04	0.08142	0.34607	0.02979	0.06064	3.47E-04	0.00E+00	2.53E-06	5.22E-06	3.54E-04	1.64E-04	1.09E-02	1.90E-04	1.91E-04	1.14E-02	1.56E-04	0.00E+00	2.53E-06	5.22E-06	1.63E-04
2754	490810.04, 3859310.04	0.08184	0.33646	0.03004	0.05962	3.49E-04	0.00E+00	2.55E-06	5.13E-06	3.56E-04	1.64E-04	1.06E-02	1.92E-04	1.88E-04	1.11E-02	1.56E-04	0.00E+00	2.55E-06	5.13E-06	1.64E-04
2755	490860.04, 3859310.04	0.08226	0.32378	0.03035	0.05875	3.50E-04	0.00E+00	2.58E-06	5.06E-06	3.58E-04	1.65E-04	1.02E-02	1.94E-04	1.85E-04	1.07E-02	1.57E-04	0.00E+00	2.58E-06	5.06E-06	1.65E-04
2756	490360.04, 3859360.04	0.07549	0.48144	0.02648	0.07134	3.21E-04	0.00E+00	2.25E-06	6.14E-06	3.30E-04	1.52E-04	1.52E-02	1.69E-04	2.25E-04	1.57E-02	1.44E-04	0.00E+00	2.25E-06	6.14E-06	1.53E-04
2757	490410.04, 3859360.04	0.07573	0.46635	0.02668	0.06963	3.23E-04	0.00E+00	2.27E-06	6.00E-06	3.31E-04	1.52E-04	1.47E-02	1.70E-04	2.20E-04	1.52E-02	1.45E-04	0.00E+00	2.27E-06	6.00E-06	1.53E-04
2758	490460.04, 3859360.04	0.07598	0.4525	0.02687	0.06801	3.24E-04	0.00E+00	2.29E-06	5.86E-06	3.32E-04	1.53E-04	1.43E-02	1.71E-04	2.15E-04	1.48E-02	1.45E-04	0.00E+00	2.29E-06	5.86E-06	1.53E-04
2759	490510.04, 3859360.04	0.07628	0.43873	0.02705	0.06649	3.25E-04	0.00E+00	2.30E-06	5.73E-06	3.33E-04	1.53E-04	1.38E-02	1.73E-04	2.10E-04	1.44E-02	1.46E-04	0.00E+00	2.30E-06	5.73E-06	1.54E-04
2760	490560.04, 3859360.04	0.07668	0.42209	0.02721	0.0651	3.27E-04	0.00E+00	2.31E-06	5.61E-06	3.34E-04	1.54E-04	1.33E-02	1.74E-04	2.06E-04	1.38E-02	1.46E-04	0.00E+00	2.31E-06	5.61E-06	1.54E-04
2761	490610.04, 3859360.04	0.07709	0.40643	0.02739	0.06381	3.28E-04	0.00E+00	2.33E-06	5.49E-06	3.36E-04	1.55E-04	1.28E-02	1.75E-04	2.01E-04	1.33E-02	1.47E-04	0.00E+00	2.33E-06	5.49E-06	1.55E-04
2762	490660.04, 3859360.04	0.07748	0.39307	0.02756	0.06258	3.30E-04	0.00E+00	2.34E-06	5.39E-06	3.38E-04	1.56E-04	1.24E-02	1.76E-04	1.98E-04	1.29E-02	1.48E-04	0.00E+00	2.34E-06	5.39E-06	1.56E-04
2763	490710.04, 3859360.04	0.07794	0.37607	0.02775	0.06152	3.32E-04	0.00E+00	2.36E-06	5.30E-06	3.40E-04	1.57E-04	1.18E-02	1.77E-04	1.94E-04	1.24E-02	1.49E-04	0.00E+00	2.36E-06	5.30E-06	1.57E-04
2764	490760.04, 3859360.04	0.0784	0.35863	0.02797	0.06057	3.34E-04	0.00E+00	2.38E-06	5.22E-06	3.41E-04	1.57E-04	1.13E-02	1.78E-04	1.91E-04	1.18E-02	1.50E-04	0.00E+00	2.38E-06	5.22E-06	1.57E-04
2765	490810.04, 3859360.04	0.07879	0.35145	0.02815	0.05943	3.36E-04	0.00E+00	2.39E-06	5.12E-06	3.43E-04	1.58E-04	1.11E-02	1.80E-04	1.88E-04	1.16E-02	1.50E-04	0.00E+00	2.39E-06	5.12E-06	1.58E-04
2766	490860.04, 3859360.04	0.07922	0.33968	0.02837	0.05847	3.37E-04	0.00E+00	2.41E-06	5.03E-06	3.45E-04	1.59E-04	1.07E-02	1.81E-04	1.85E-04	1.12E-02	1.51E-04	0.00E+00	2.41E-06	5.03E-06	1.59E-04
2767	490360.04, 3859410.04	0.07306	0.48991	0.02506	0.07192	3.11E-04	0.00E+00	2.13E-06	6.19E-06	3.19E-04	1.47E-04	1.54E-02	1.60E-04	2.27E-04	1.60E-02	1.40E-04	0.00E+00	2.13E-06	6.19E-06	1.48E-04
2768	490410.04, 3859410.04	0.07321	0.47591	0.02527	0.07009	3.12E-04	0.00E+00	2.15E-06	6.04E-06	3.20E-04	1.47E-04	1.50E-02	1.61E-04	2.21E-04	1.55E-02	1.40E-04	0.00E+00	2.15E-06	6.04E-06	1.48E-04
2769	490460.04, 3859410.04	0.07341	0.46218	0.02545	0.06837	3.13E-04	0.00E+00	2.16E-06	5.89E-06	3.21E-04	1.47E-04	1.46E-02	1.62E-04	2.16E-04	1.51E-02	1.40E-04	0.00E+00	2.16E-06	5.89E-06	1.48E-04

2770	490510.04, 3859410.04	0.07366	0.44839	0.02561	0.06676	3.14E-04	0.00E+00	2.18E-06	5.75E-06	3.22E-04	1.48E-04	1.41E-02	1.63E-04	2.11E-04	1.46E-02	1.41E-04	0.00E+00	2.18E-06	5.75E-06	1.49E-04
2771	490560.04, 3859410.04	0.07394	0.43497	0.02577	0.06525	3.15E-04	0.00E+00	2.19E-06	5.62E-06	3.23E-04	1.49E-04	1.37E-02	1.64E-04	2.06E-04	1.42E-02	1.41E-04	0.00E+00	2.19E-06	5.62E-06	1.49E-04
2772	490610.04, 3859410.04	0.07425	0.42162	0.02593	0.06383	3.16E-04	0.00E+00	2.21E-06	5.50E-06	3.24E-04	1.49E-04	1.33E-02	1.65E-04	2.02E-04	1.38E-02	1.42E-04	0.00E+00	2.21E-06	5.50E-06	1.50E-04
2773	490660.04, 3859410.04	0.07468	0.40414	0.02607	0.06257	3.18E-04	0.00E+00	2.22E-06	5.39E-06	3.26E-04	1.50E-04	1.27E-02	1.66E-04	1.98E-04	1.32E-02	1.43E-04	0.00E+00	2.22E-06	5.39E-06	1.50E-04
2774	490710.04, 3859410.04	0.07508	0.38918	0.02622	0.06137	3.20E-04	0.00E+00	2.23E-06	5.28E-06	3.27E-04	1.51E-04	1.23E-02	1.67E-04	1.94E-04	1.28E-02	1.43E-04	0.00E+00	2.23E-06	5.28E-06	1.51E-04
2775	490760.04, 3859410.04	0.07553	0.37109	0.02639	0.06035	3.22E-04	0.00E+00	2.24E-06	5.20E-06	3.29E-04	1.52E-04	1.17E-02	1.68E-04	1.91E-04	1.22E-02	1.44E-04	0.00E+00	2.24E-06	5.20E-06	1.52E-04
2776	490810.04, 3859410.04	0.07589	0.36254	0.02655	0.0592	3.23E-04	0.00E+00	2.26E-06	5.10E-06	3.31E-04	1.52E-04	1.14E-02	1.69E-04	1.87E-04	1.19E-02	1.45E-04	0.00E+00	2.26E-06	5.10E-06	1.52E-04
2777	490860.04, 3859410.04	0.07624	0.35652	0.02671	0.05803	3.25E-04	0.00E+00	2.27E-06	5.00E-06	3.32E-04	1.53E-04	1.12E-02	1.70E-04	1.83E-04	1.17E-02	1.46E-04	0.00E+00	2.27E-06	5.00E-06	1.53E-04
2778	490360.04, 3859460.04	0.07086	0.49541	0.02372	0.07232	3.02E-04	0.00E+00	2.02E-06	6.23E-06	3.10E-04	1.42E-04	1.56E-02	1.51E-04	2.28E-04	1.61E-02	1.35E-04	0.00E+00	2.02E-06	6.23E-06	1.44E-04
2779	490410.04, 3859460.04	0.07099	0.48102	0.02395	0.07038	3.02E-04	0.00E+00	2.04E-06	6.06E-06	3.10E-04	1.43E-04	1.52E-02	1.53E-04	2.22E-04	1.57E-02	1.36E-04	0.00E+00	2.04E-06	6.06E-06	1.44E-04
2780	490460.04, 3859460.04	0.07112	0.46806	0.02414	0.06858	3.03E-04	0.00E+00	2.05E-06	5.91E-06	3.11E-04	1.43E-04	1.47E-02	1.54E-04	2.17E-04	1.53E-02	1.36E-04	0.00E+00	2.05E-06	5.91E-06	1.44E-04
2781	490510.04, 3859460.04	0.07129	0.45499	0.0243	0.06688	3.04E-04	0.00E+00	2.07E-06	5.76E-06	3.11E-04	1.43E-04	1.43E-02	1.55E-04	2.11E-04	1.48E-02	1.36E-04	0.00E+00	2.07E-06	5.76E-06	1.44E-04
2782	490560.04, 3859460.04	0.07149	0.44256	0.02446	0.06528	3.04E-04	0.00E+00	2.08E-06	5.62E-06	3.12E-04	1.44E-04	1.39E-02	1.56E-04	2.06E-04	1.44E-02	1.37E-04	0.00E+00	2.08E-06	5.62E-06	1.44E-04
2783	490610.04, 3859460.04	0.07177	0.42881	0.0246	0.06378	3.06E-04	0.00E+00	2.09E-06	5.49E-06	3.13E-04	1.44E-04	1.35E-02	1.57E-04	2.01E-04	1.40E-02	1.37E-04	0.00E+00	2.09E-06	5.49E-06	1.45E-04
2784	490660.04, 3859460.04	0.0721	0.4145	0.02473	0.0624	3.07E-04	0.00E+00	2.10E-06	5.37E-06	3.15E-04	1.45E-04	1.31E-02	1.58E-04	1.97E-04	1.36E-02	1.38E-04	0.00E+00	2.10E-06	5.37E-06	1.45E-04
2785	490710.04, 3859460.04	0.07238	0.40265	0.02488	0.06106	3.08E-04	0.00E+00	2.12E-06	5.26E-06	3.16E-04	1.45E-04	1.27E-02	1.59E-04	1.93E-04	1.32E-02	1.38E-04	0.00E+00	2.12E-06	5.26E-06	1.46E-04
2786	490760.04, 3859460.04	0.07276	0.38893	0.02501	0.05986	3.10E-04	0.00E+00	2.13E-06	5.15E-06	3.17E-04	1.46E-04	1.23E-02	1.60E-04	1.89E-04	1.27E-02	1.39E-04	0.00E+00	2.13E-06	5.15E-06	1.46E-04
2787	490810.04, 3859460.04	0.07313	0.37604	0.02515	0.05872	3.11E-04	0.00E+00	2.14E-06	5.06E-06	3.19E-04	1.47E-04	1.18E-02	1.60E-04	1.85E-04	1.23E-02	1.40E-04	0.00E+00	2.14E-06	5.06E-06	1.47E-04
2788	490860.04, 3859460.04	0.07345	0.36823	0.02529	0.05753	3.13E-04	0.00E+00	2.15E-06	4.95E-06	3.20E-04	1.48E-04	1.16E-02	1.61E-04	1.82E-04	1.21E-02	1.40E-04	0.00E+00	2.15E-06	4.95E-06	1.47E-04
2789	490360.04, 3859510.04	0.06889	0.49871	0.02226	0.07243	2.93E-04	0.00E+00	1.89E-06	6.24E-06	3.02E-04	1.38E-04	1.57E-02	1.42E-04	2.29E-04	1.62E-02	1.32E-04	0.00E+00	1.89E-06	6.24E-06	1.40E-04
2790	490410.04, 3859510.04	0.0689	0.48621	0.02264	0.07042	2.93E-04	0.00E+00	1.93E-06	6.06E-06	3.01E-04	1.38E-04	1.53E-02	1.44E-04	2.22E-04	1.58E-02	1.32E-04	0.00E+00	1.93E-06	6.06E-06	1.40E-04
2791	490460.04, 3859510.04	0.06899	0.47314	0.02295	0.06852	2.94E-04	0.00E+00	1.95E-06	5.90E-06	3.02E-04	1.39E-04	1.49E-02	1.46E-04	2.16E-04	1.54E-02	1.32E-04	0.00E+00	1.95E-06	5.90E-06	1.40E-04
2792	490510.04, 3859510.04	0.0691	0.46073	0.02313	0.06674	2.94E-04	0.00E+00	1.97E-06	5.75E-06	3.02E-04	1.39E-04	1.45E-02	1.48E-04	2.11E-04	1.50E-02	1.32E-04	0.00E+00	1.97E-06	5.75E-06	1.40E-04
2793	490560.04, 3859510.04	0.06925	0.44842	0.02328	0.06506	2.95E-04	0.00E+00	1.98E-06	5.60E-06	3.02E-04	1.39E-04	1.41E-02	1.48E-04	2.05E-04	1.46E-02	1.32E-04	0.00E+00	1.98E-06	5.60E-06	1.40E-04
2794	490610.04, 3859510.04	0.06947	0.43551	0.0234	0.06349	2.96E-04	0.00E+00	1.99E-06	5.47E-06	3.03E-04	1.40E-04	1.37E-02	1.49E-04	2.00E-04	1.42E-02	1.33E-04	0.00E+00	1.99E-06	5.47E-06	1.40E-04
2795	490660.04, 3859510.04	0.06971	0.42276	0.02353	0.06201	2.97E-04	0.00E+00	2.00E-06	5.34E-06	3.04E-04	1.40E-04	1.33E-02	1.50E-04	1.96E-04	1.38E-02	1.33E-04	0.00E+00	2.00E-06	5.34E-06	1.40E-04
2796	490710.04, 3859510.04	0.06998	0.40986	0.02366	0.06063	2.98E-04	0.00E+00	2.01E-06	5.22E-06	3.05E-04	1.41E-04	1.29E-02	1.51E-04	1.91E-04	1.34E-02	1.34E-04	0.00E+00	2.01E-06	5.22E-06	1.41E-04
2797	490760.04, 3859510.04	0.07027	0.39768	0.0238	0.05933	2.99E-04	0.00E+00	2.02E-06	5.11E-06	3.06E-04	1.41E-04	1.25E-02	1.52E-04	1.87E-04	1.30E-02	1.34E-04	0.00E+00	2.02E-06	5.11E-06	1.41E-04
2798	490810.04, 3859510.04	0.07055	0.38742	0.02393	0.05808	3.00E-04	0.00E+00	2.04E-06	5.00E-06	3.07E-04	1.42E-04	1.22E-02	1.53E-04	1.83E-04	1.27E-02	1.35E-04	0.00E+00	2.04E-06	5.00E-06	1.42E-04
2799	490860.04, 3859510.04	0.07087	0.37631	0.02405	0.05692	3.02E-04	0.00E+00	2.05E-06	4.90E-06	3.09E-04	1.42E-04	1.19E-02	1.53E-04	1.80E-04	1.23E-02	1.35E-04	0.00E+00	2.05E-06	4.90E-06	1.42E-04
2800	490360.04, 3859560.04	0.06708	0.50103	0.02091	0.07218	2.86E-04	0.00E+00	1.78E-06	6.22E-06	2.94E-04	1.35E-04	1.58E-02	1.33E-04	2.28E-04	1.63E-02	1.28E-04	0.00E+00	1.78E-06	6.22E-06	1.36E-04
2801	490410.04, 3859560.04	0.06702	0.48914	0.02125	0.07011	2.85E-04	0.00E+00	1.81E-06	6.04E-06	2.93E-04	1.35E-04	1.54E-02	1.36E-04	2.21E-04	1.59E-02	1.28E-04	0.00E+00	1.81E-06	6.04E-06	1.36E-04
2802	490460.04, 3859560.04	0.06702	0.47718	0.02162	0.06815	2.85E-04	0.00E+00	1.84E-06	5.87E-06	2.93E-04	1.35E-04	1.50E-02	1.38E-04	2.15E-04	1.55E-02	1.28E-04	0.00E+00	1.84E-06	5.87E-06	1.36E-04
2803	490510.04, 3859560.04	0.06713	0.46436	0.02199	0.06628	2.86E-04	0.00E+00	1.87E-06	5.71E-06	2.93E-04	1.35E-04	1.46E-02	1.40E-04	2.09E-04	1.51E-02	1.28E-04	0.00E+00	1.87E-06	5.71E-06	1.36E-04
2804	490560.04, 3859560.04	0.06718	0.4533	0.02222	0.06456	2.86E-04	0.00E+00	1.89E-06	5.56E-06	2.94E-04	1.35E-04	1.43E-02	1.42E-04	2.04E-04	1.48E-02	1.28E-04	0.00E+00	1.89E-06	5.56E-06	1.36E-04
2805	490610.04, 3859560.04	0.06734	0.44109	0.02234	0.06293	2.87E-04	0.00E+00	1.90E-06	5.42E-06	2.94E-04	1.35E-04	1.39E-02	1.42E-04	1.99E-04	1.44E-02	1.29E-04	0.00E+00	1.90E-06	5.42E-06	1.36E-04
2806	490660.04, 3859560.04	0.06751	0.42919	0.02246	0.06139	2.88E-04	0.00E+00	1.91E-06	5.29E-06	2.95E-04	1.36E-04	1.35E-02	1.43E-04	1.94E-04	1.40E-02	1.29E-04	0.00E+00	1.91E-06	5.29E-06	1.36E-04
2807	490710.04, 3859560.04	0.06774	0.41689	0.02257	0.05995	2.88E-04	0.00E+00	1.92E-06	5.16E-06	2.96E-04	1.36E-04	1.31E-02	1.44E-04	1.89E-04	1.36E-02	1.29E-04	0.00E+00	1.92E-06	5.16E-06	1.36E-04
2808	490760.04, 3859560.04	0.06802	0.40339	0.02267	0.05862	2.90E-04	0.00E+00	1.93E-06	5.05E-06	2.97E-04	1.37E-04	1.27E-02	1.45E-04	1.85E-04	1.32E-02	1.30E-04	0.00E+00	1.93E-06	5.05E-06	1.37E-04
2809	490810.04, 3859560.04	0.06828	0.39191	0.0228	0.05736	2.91E-04	0.00E+00	1.94E-06	4.94E-06	2.98E-04	1.37E-04	1.23E-02	1.45E-04	1.81E-04	1.28E-02	1.30E-04	0.00E+00	1.94E-06	4.94E-06	1.37E-04
2810	490860.04, 3859560.04	0.06856	0.38033	0.02292	0.05617	2.92E-04	0.00E+00	1.95E-06	4.84E-06	2.99E-04	1.38E-04	1.20E-02	1.46E-04	1.77E-04	1.24E-02	1.31E-04	0.00E+00	1.95E-06	4.84E-06	1.38E-04
2811	490187.25, 3859422.08	0.07238	0.54241	0.02351	0.07941	3.08E-04	0.00E+00	2.00E-06	6.84E-06	3.17E-04	1.45E-04	1.71E-02	1.50E-04	2.51E-04	1.76E-02	1.38E-04	0.00E+00	2.00E-06	6.84E-06	1.47E-04
2812	490237.25, 3859422.08	0.07235	0.52721	0.02395	0.07711	3.08E-04	0.00E+00	2.04E-06	6.64E-06	3.17E-04	1.45E-04	1.66E-02	1.53E-04	2.43E-04	1.71E-02	1.38E-04	0.00E+00	2.04E-06	6.64E-06	1.47E-04
2813	490287.25, 3859422.08	0.07237	0.51257	0.02435	0.07495	3.08E-04	0.00E+00	2.07E-06	6.45E-06	3.17E-04	1.45E-04	1.61E-02	1.55E-04	2.37E-04	1.67E-02	1.38E-04	0.00E+00	2.07E-06	6.45E-06	1.47E-04
2814	490337.25, 3859422.08	0.07248	0.49738	0.02463	0.07291	3.09E-04	0.00E+00	2.09E-06	6.28E-06	3.17E-04	1.46E-04	1.57E-02	1.57E-04	2.30E-04	1.62E-02	1.38E-04	0.00E+00	2.09E-06	6.28E-06	1.47E-04
2815	490187.25, 3859472.08	0.07056	0.54369	0.02203	0.08009	3.00E-04	0.00E+00	1.87E-06	6.90E-06	3.09E-04	1.42E-04	1.71E-02	1.41E-04	2.53E-04	1.77E-02	1.35E-04	0.00E+00	1.87E-06	6.90E-06	1.44E-04
2816	490237.25, 3859472.08	0.07043	0.52969	0.0224	0.07769	3.00E-04	0.00E+00	1.91E-06	6.69E-06	3.09E-04	1.41E-04	1.67E-02	1.43E-04	2.45E-04	1.72E-02	1.35E-04	0.00E+00	1.91E-06	6.69E-06	1.43E-04
2817	490287.25, 3859472.08	0.07042	0.51497	0.02285	0.0754	3.00E-04	0.00E+00	1.94E-06	6.49E-06	3.08E-04	1.41E-04	1.62E-02	1.46E-04	2.38E-04	1.67E-02	1.34E-04	0.00E+00	1.94E-06	6.49E-06	1.43E-04
2818	490337.25, 3859472.08	0.07037	0.50213	0.02322	0.0733	3.00E-04	0.00E+00	1.97E-06	6.31E-06	3.08E-04	1.41E-04	1.58E-02	1.48E-04	2.31E-04	1.63E-02	1.34E-04	0.00E+00	1.97E-06	6.31E-06	1.43E-04
2819	490297.07, 3859500.42	0.06933	0.51398	0.02208	0.0751	2.95E-04	0.00E+00	1.88E-06	6.47E-06	3.04E-04	1.39E-04	1.62E-02	1.41E-04	2.37E-04	1.67E-02	1.32E-04	0.00E+00	1.88E-06	6.47E-06	1.41E-04
2820	490327.07, 3859500.42	0.06924	0.50711	0.02226	0.07383	2.95E-04	0.00E+00	1.89E-06	6.36E-06	3.03E-04	1.39E-04	1.60E-02	1.42E-04	2.33E-04	1.65E-02	1.32E-04	0.00E+00	1.89E-06	6.36E-06	1.40E-04
2821	490297.07, 3859530.42	0.0682	0.51605	0.02122	0.07514	2.90E-04	0.00E+00	1.80E-06	6.47E-06	2.99E-04	1.37E-04	1.63E-02	1.35E-04	2.37E-04	1.68E-02	1.30E-04	0.00E+00	1.80E-06	6.47E-06	1.39E-04
2822	490327.07, 3859530.42	0.06815	0.50831	0.02144	0.0738	2.90E-04	0.00E+00	1.82E-06	6.35E-06	2.98E-04	1.37E-04	1.60E-02	1.37E-04	2.33E-04	1.65E-02	1.30E-04	0.00E+00	1.82E-06	6.35E-06	1.38E-04
2823	490319.73, 3859055.34	0.09388	0.4582	0.04013	0.06662	4.00E-04	0.00E+00	3.41E-06	5.74E-06	4.09E-04	1.89E-04	1.44E-02	2.56E-04	2.10E-04	1.51E-02	1.79E-04	0.00E+00	3.41E-06	5.74E-06	1.88E-04
2824	490319.73, 3859105.34	0.09023	0.46299	0.03704	0.06795	3.84E-04	0.00E+00	3.15E-06	5.85E-06	3.93E-04	1.81E-04	1.46E-02	2.36E-04	2.15E-04	1.52E-02	1.72E-04	0.00E+00	3.15E-06	5.85E-06	1.81E-04
2825	490069.73, 3859155.34	0.08486	0.55082	0.033	0.07744	3.61E-04	0.00E+00	2.81E-06	6.67E-06	3.71E-04	1.70E-04	1.74E-02	2.10E-04	2.45E-04	1.80E-02	1.62E-04	0.00E+00	2.81E-06	6.67E-06	1.72E-04
2826	490119.73, 3859155.34	0.08506	0.53524	0.03334	0.07562	3.62E-04	0.00E+00	2.84E-06	6.51E-06	3.72E-04	1.71E-04	1.69E-02	2.13E-04	2.39E-04	1.75E-02	1.62E-04	0.00E+00	2.84E-06	6.51E-06	1.72E-04
2827	490269.73, 3859155.34	0.0861	0.49014	0.03421	0.07064	3.67E-04	0.00E+00	2.91E-06	6.08E-06	3.76E-04	1.73E-04	1.54E-02	2.18E-04	2.23E-04	1.61E-02	1.64E-04	0.00E+00	2.91E-06	6.08E-06	1.73E-04
2828	490319.73, 3859155.34	0.08676	0.47024	0.03437	0.06912	3.69E-04	0.00E+00	2.92E-06	5.95E-06	3.78E-04	1.74E-04	1.48E-02	2.19E-04	2.18E-04	1.54E-02	1.66E-04	0.00E+00	2.92E-06	5.95E-06	1.75E-04

2829	490069.73, 3859205.34	0.08202	0.56211	0.03074	0.07911	3.49E-04	0.00E+00	2.61E-06	6.81E-06	3.59E-04	1.65E-04	1.77E-02	1.96E-04	2.50E-04	1.83E-02	1.57E-04	0.00E+00	2.61E-06	6.81E-06	1.66E-04
2830	490119.73, 3859205.34	0.082	0.54857	0.03114	0.0772	3.49E-04	0.00E+00	2.65E-06	6.65E-06	3.59E-04	1.65E-04	1.73E-02	1.99E-04	2.44E-04	1.79E-02	1.57E-04	0.00E+00	2.65E-06	6.65E-06	1.66E-04
2831	490169.73, 3859205.34	0.08221	0.53236	0.03145	0.07531	3.50E-04	0.00E+00	2.67E-06	6.48E-06	3.59E-04	1.65E-04	1.68E-02	2.01E-04	2.38E-04	1.74E-02	1.57E-04	0.00E+00	2.67E-06	6.48E-06	1.66E-04
2832	490219.73, 3859205.34	0.08264	0.51315	0.03164	0.07348	3.52E-04	0.00E+00	2.69E-06	6.33E-06	3.61E-04	1.66E-04	1.62E-02	2.02E-04	2.32E-04	1.68E-02	1.58E-04	0.00E+00	2.69E-06	6.33E-06	1.67E-04
2833	490269.73, 3859205.34	0.08322	0.49117	0.0318	0.07175	3.54E-04	0.00E+00	2.70E-06	6.18E-06	3.63E-04	1.67E-04	1.55E-02	2.03E-04	2.27E-04	1.61E-02	1.59E-04	0.00E+00	2.70E-06	6.18E-06	1.68E-04
2834	490319.73, 3859205.34	0.08364	0.47465	0.03201	0.07017	3.56E-04	0.00E+00	2.72E-06	6.04E-06	3.65E-04	1.68E-04	1.50E-02	2.04E-04	2.22E-04	1.55E-02	1.60E-04	0.00E+00	2.72E-06	6.04E-06	1.69E-04
2835	490069.73, 3859255.34	0.07961	0.56742	0.02859	0.08057	3.39E-04	0.00E+00	2.43E-06	6.94E-06	3.48E-04	1.60E-04	1.79E-02	1.82E-04	2.54E-04	1.85E-02	1.52E-04	0.00E+00	2.43E-06	6.94E-06	1.61E-04
2836	490119.73, 3859255.34	0.07953	0.55312	0.02899	0.07853	3.39E-04	0.00E+00	2.47E-06	6.76E-06	3.48E-04	1.60E-04	1.74E-02	1.85E-04	2.48E-04	1.80E-02	1.52E-04	0.00E+00	2.47E-06	6.76E-06	1.61E-04
2837	490169.73, 3859255.34	0.07963	0.53732	0.02935	0.07655	3.39E-04	0.00E+00	2.50E-06	6.59E-06	3.48E-04	1.60E-04	1.69E-02	1.87E-04	2.42E-04	1.75E-02	1.52E-04	0.00E+00	2.50E-06	6.59E-06	1.61E-04
2838	490219.73, 3859255.34	0.07994	0.51849	0.02956	0.07461	3.40E-04	0.00E+00	2.51E-06	6.42E-06	3.49E-04	1.61E-04	1.63E-02	1.89E-04	2.36E-04	1.69E-02	1.53E-04	0.00E+00	2.51E-06	6.42E-06	1.62E-04
2839	490269.73, 3859255.34	0.08034	0.49883	0.02976	0.07279	3.42E-04	0.00E+00	2.53E-06	6.27E-06	3.51E-04	1.61E-04	1.57E-02	1.90E-04	2.30E-04	1.63E-02	1.53E-04	0.00E+00	2.53E-06	6.27E-06	1.62E-04
2840	490319.73, 3859255.34	0.08069	0.48181	0.02996	0.07111	3.44E-04	0.00E+00	2.55E-06	6.12E-06	3.52E-04	1.62E-04	1.52E-02	1.91E-04	2.25E-04	1.58E-02	1.54E-04	0.00E+00	2.55E-06	6.12E-06	1.63E-04
2841	490069.73, 3859305.34	0.07744	0.5709	0.02663	0.08199	3.30E-04	0.00E+00	2.26E-06	7.06E-06	3.39E-04	1.56E-04	1.80E-02	1.70E-04	2.59E-04	1.86E-02	1.48E-04	0.00E+00	2.26E-06	7.06E-06	1.57E-04
2842	490119.73, 3859305.34	0.07725	0.55705	0.02701	0.07984	3.29E-04	0.00E+00	2.30E-06	6.88E-06	3.38E-04	1.55E-04	1.75E-02	1.72E-04	2.52E-04	1.81E-02	1.48E-04	0.00E+00	2.30E-06	6.88E-06	1.57E-04
2843	490169.73, 3859305.34	0.07725	0.54152	0.02742	0.07774	3.29E-04	0.00E+00	2.33E-06	6.69E-06	3.38E-04	1.55E-04	1.71E-02	1.75E-04	2.45E-04	1.76E-02	1.48E-04	0.00E+00	2.33E-06	6.69E-06	1.57E-04
2844	490219.73, 3859305.34	0.07742	0.52412	0.02772	0.0757	3.30E-04	0.00E+00	2.36E-06	6.52E-06	3.39E-04	1.56E-04	1.65E-02	1.77E-04	2.39E-04	1.71E-02	1.48E-04	0.00E+00	2.36E-06	6.52E-06	1.57E-04
2845	490269.73, 3859305.34	0.07767	0.50665	0.02794	0.07378	3.31E-04	0.00E+00	2.38E-06	6.35E-06	3.39E-04	1.56E-04	1.60E-02	1.78E-04	2.33E-04	1.65E-02	1.48E-04	0.00E+00	2.38E-06	6.35E-06	1.57E-04
2846	490319.73, 3859305.34	0.07803	0.48734	0.02812	0.07196	3.32E-04	0.00E+00	2.39E-06	6.20E-06	3.41E-04	1.57E-04	1.54E-02	1.79E-04	2.27E-04	1.59E-02	1.49E-04	0.00E+00	2.39E-06	6.20E-06	1.58E-04
2847	490069.73, 3859355.34	0.07535	0.57507	0.02477	0.08344	3.21E-04	0.00E+00	2.11E-06	7.19E-06	3.30E-04	1.51E-04	1.81E-02	1.58E-04	2.63E-04	1.87E-02	1.44E-04	0.00E+00	2.11E-06	7.19E-06	1.53E-04
2848	490119.73, 3859355.34	0.07509	0.56103	0.02512	0.08116	3.20E-04	0.00E+00	2.14E-06	6.99E-06	3.29E-04	1.51E-04	1.77E-02	1.60E-04	2.56E-04	1.82E-02	1.43E-04	0.00E+00	2.14E-06	6.99E-06	1.53E-04
2849	490169.73, 3859355.34	0.07502	0.54556	0.02556	0.07891	3.19E-04	0.00E+00	2.17E-06	6.79E-06	3.28E-04	1.51E-04	1.72E-02	1.63E-04	2.49E-04	1.77E-02	1.43E-04	0.00E+00	2.17E-06	6.79E-06	1.52E-04
2850	490219.73, 3859355.34	0.07512	0.52857	0.02602	0.07673	3.20E-04	0.00E+00	2.21E-06	6.61E-06	3.29E-04	1.51E-04	1.66E-02	1.66E-04	2.42E-04	1.72E-02	1.43E-04	0.00E+00	2.21E-06	6.61E-06	1.52E-04
2851	490269.73, 3859355.34	0.07524	0.51268	0.0263	0.07469	3.20E-04	0.00E+00	2.24E-06	6.43E-06	3.29E-04	1.51E-04	1.61E-02	1.68E-04	2.36E-04	1.67E-02	1.44E-04	0.00E+00	2.24E-06	6.43E-06	1.52E-04
2852	490319.73, 3859355.34	0.07548	0.49531	0.02649	0.07275	3.21E-04	0.00E+00	2.25E-06	6.26E-06	3.30E-04	1.52E-04	1.56E-02	1.69E-04	2.30E-04	1.62E-02	1.44E-04	0.00E+00	2.25E-06	6.26E-06	1.53E-04
2853	490069.73, 3859405.34	0.07344	0.57746	0.02312	0.08482	3.13E-04	0.00E+00	1.97E-06	7.30E-06	3.22E-04	1.48E-04	1.82E-02	1.47E-04	2.68E-04	1.88E-02	1.40E-04	0.00E+00	1.97E-06	7.30E-06	1.50E-04
2854	490119.73, 3859405.34	0.07316	0.56278	0.02346	0.08234	3.12E-04	0.00E+00	2.00E-06	7.09E-06	3.21E-04	1.47E-04	1.77E-02	1.50E-04	2.60E-04	1.83E-02	1.40E-04	0.00E+00	2.00E-06	7.09E-06	1.49E-04
2855	490169.73, 3859405.34	0.07304	0.5472	0.02389	0.07993	3.11E-04	0.00E+00	2.03E-06	6.88E-06	3.20E-04	1.47E-04	1.72E-02	1.52E-04	2.52E-04	1.78E-02	1.40E-04	0.00E+00	2.03E-06	6.88E-06	1.48E-04
2856	490219.73, 3859405.34	0.073	0.532	0.02433	0.07765	3.11E-04	0.00E+00	2.07E-06	6.69E-06	3.20E-04	1.47E-04	1.68E-02	1.55E-04	2.45E-04	1.73E-02	1.39E-04	0.00E+00	2.07E-06	6.69E-06	1.48E-04
2857	490269.73, 3859405.34	0.07307	0.51606	0.02475	0.07546	3.11E-04	0.00E+00	2.10E-06	6.50E-06	3.20E-04	1.47E-04	1.63E-02	1.58E-04	2.38E-04	1.68E-02	1.40E-04	0.00E+00	2.10E-06	6.50E-06	1.48E-04
2858	490319.73, 3859405.34	0.0732	0.5003	0.025	0.07341	3.12E-04	0.00E+00	2.13E-06	6.32E-06	3.20E-04	1.47E-04	1.58E-02	1.59E-04	2.32E-04	1.63E-02	1.40E-04	0.00E+00	2.13E-06	6.32E-06	1.48E-04
2859	490161.89, 3859541.83	0.06844	0.55098	0.02016	0.08174	2.91E-04	0.00E+00	1.71E-06	7.04E-06	3.00E-04	1.37E-04	1.74E-02	1.29E-04	2.58E-04	1.79E-02	1.31E-04	0.00E+00	1.71E-06	7.04E-06	1.39E-04
2860	490171.89, 3859541.83	0.06839	0.54822	0.02022	0.08121	2.91E-04	0.00E+00	1.72E-06	6.99E-06	3.00E-04	1.37E-04	1.73E-02	1.29E-04	2.56E-04	1.78E-02	1.31E-04	0.00E+00	1.72E-06	6.99E-06	1.39E-04
2861	490161.89, 3859551.83	0.06816	0.55075	0.01995	0.08171	2.90E-04	0.00E+00	1.70E-06	7.04E-06	2.99E-04	1.37E-04	1.73E-02	1.27E-04	2.58E-04	1.79E-02	1.30E-04	0.00E+00	1.70E-06	7.04E-06	1.39E-04
2862	490171.89, 3859551.83	0.0681	0.5481	0.02	0.08118	2.90E-04	0.00E+00	1.70E-06	6.99E-06	2.99E-04	1.37E-04	1.73E-02	1.28E-04	2.56E-04	1.78E-02	1.30E-04	0.00E+00	1.70E-06	6.99E-06	1.39E-04
2863	489799.72, 3859348.21	0.07778	0.6714	0.02298	0.09811	3.31E-04	0.00E+00	1.95E-06	8.45E-06	3.42E-04	1.56E-04	2.11E-02	1.47E-04	3.10E-04	2.18E-02	1.49E-04	0.00E+00	1.95E-06	8.45E-06	1.59E-04
2864	489819.72, 3859348.21	0.07755	0.66338	0.02312	0.09684	3.30E-04	0.00E+00	1.97E-06	8.34E-06	3.41E-04	1.56E-04	2.09E-02	1.47E-04	3.06E-04	2.15E-02	1.48E-04	0.00E+00	1.97E-06	8.34E-06	1.58E-04
2865	489799.72, 3859368.21	0.07715	0.67149	0.02241	0.09903	3.29E-04	0.00E+00	1.91E-06	8.53E-06	3.39E-04	1.55E-04	2.12E-02	1.43E-04	3.13E-04	2.18E-02	1.47E-04	0.00E+00	1.91E-06	8.53E-06	1.58E-04
2866	489819.72, 3859368.21	0.07695	0.6628	0.02257	0.09771	3.28E-04	0.00E+00	1.92E-06	8.41E-06	3.38E-04	1.55E-04	2.09E-02	1.44E-04	3.09E-04	2.15E-02	1.47E-04	0.00E+00	1.92E-06	8.41E-06	1.57E-04
2867	489775.41, 3859329.72	0.07859	0.68274	0.02331	0.09889	3.35E-04	0.00E+00	1.98E-06	8.52E-06	3.45E-04	1.58E-04	2.15E-02	1.49E-04	3.12E-04	2.21E-02	1.50E-04	0.00E+00	1.98E-06	8.52E-06	1.61E-04
2868	489795.41, 3859329.72	0.07837	0.67415	0.02346	0.0976	3.34E-04	0.00E+00	2.00E-06	8.40E-06	3.44E-04	1.57E-04	2.12E-02	1.50E-04	3.08E-04	2.19E-02	1.50E-04	0.00E+00	2.00E-06	8.40E-06	1.60E-04
2869	489775.41, 3859349.72	0.07799	0.6822	0.02275	0.0998	3.32E-04	0.00E+00	1.93E-06	8.59E-06	3.43E-04	1.57E-04	2.15E-02	1.45E-04	3.15E-04	2.21E-02	1.49E-04	0.00E+00	1.93E-06	8.59E-06	1.59E-04
2870	489795.41, 3859349.72	0.07779	0.67317	0.02291	0.09846	3.31E-04	0.00E+00	1.95E-06	8.48E-06	3.42E-04	1.56E-04	2.12E-02	1.46E-04	3.11E-04	2.18E-02	1.49E-04	0.00E+00	1.95E-06	8.48E-06	1.59E-04
2871	489595.05, 3859219.43	0.08434	0.76663	0.02527	0.10444	3.59E-04	0.00E+00	2.15E-06	8.99E-06	3.70E-04	1.69E-04	2.41E-02	1.61E-04	3.30E-04	2.48E-02	1.61E-04	0.00E+00	2.15E-06	8.99E-06	1.72E-04
2872	489615.05, 3859219.43	0.08413	0.75417	0.02552	0.10314	3.58E-04	0.00E+00	2.17E-06	8.88E-06	3.69E-04	1.69E-04	2.38E-02	1.63E-04	3.26E-04	2.44E-02	1.61E-04	0.00E+00	2.17E-06	8.88E-06	1.72E-04
2873	489595.05, 3859239.43	0.08363	0.77002	0.02454	0.10598	3.56E-04	0.00E+00	2.09E-06	9.13E-06	3.67E-04	1.68E-04	2.43E-02	1.57E-04	3.35E-04	2.49E-02	1.60E-04	0.00E+00	2.09E-06	9.13E-06	1.71E-04
2874	489615.05, 3859239.43	0.08343	0.75725	0.02479	0.10461	3.55E-04	0.00E+00	2.11E-06	9.01E-06	3.66E-04	1.68E-04	2.39E-02	1.58E-04	3.30E-04	2.45E-02	1.59E-04	0.00E+00	2.11E-06	9.01E-06	1.70E-04
2875	489372.4, 3859092.58	0.0919	0.87578	0.0276	0.10282	3.91E-04	0.00E+00	2.35E-06	8.85E-06	4.03E-04	1.85E-04	2.76E-02	1.76E-04	3.25E-04	2.83E-02	1.76E-04	0.00E+00	2.35E-06	8.85E-06	1.87E-04
2876	489422.4, 3859092.58	0.09123	0.83836	0.02843	0.10056	3.89E-04	0.00E+00	2.42E-06	8.66E-06	4.00E-04	1.83E-04	2.64E-02	1.81E-04	3.18E-04	2.71E-02	1.74E-04	0.00E+00	2.42E-06	8.66E-06	1.85E-04
2877	489372.4, 3859142.58	0.08995	0.90003	0.02533	0.10955	3.83E-04	0.00E+00	2.15E-06	9.43E-06	3.95E-04	1.81E-04	2.84E-02	1.62E-04	3.46E-04	2.90E-02	1.72E-04	0.00E+00	2.15E-06	9.43E-06	1.83E-04
2878	489422.4, 3859142.58	0.08929	0.86139	0.02609	0.10685	3.80E-04	0.00E+00	2.22E-06	9.20E-06	3.92E-04	1.79E-04	2.71E-02	1.66E-04	3.37E-04	2.78E-02	1.71E-04	0.00E+00	2.22E-06	9.20E-06	1.82E-04
2879	488870.84, 3858666.64	0.12172	0.64582	0.05328	0.07495	5.18E-04	0.00E+00	4.53E-06	6.45E-06	5.29E-04	2.44E-04	2.03E-02	3.40E-04	2.37E-04	2.12E-02	2.32E-04	0.00E+00	4.53E-06	6.45E-06	2.43E-04
2880	488900.84, 3858666.64	0.12122	0.63852	0.05527	0.07415	5.16E-04	0.00E+00	4.70E-06	6.39E-06	5.27E-04	2.43E-04	2.01E-02	3.53E-04	2.34E-04	2.09E-02	2.32E-04	0.00E+00	4.70E-06	6.39E-06	2.43E-04
2881	488870.84, 3858696.64	0.11965	0.68492	0.04781	0.0767	5.10E-04	0.00E+00	4.07E-06	6.60E-06	5.20E-04	2.40E-04	2.16E-02	3.05E-04	2.42E-04	2.24E-02	2.29E-04	0.00E+00	4.07E-06	6.60E-06	2.39E-04
2882	488900.84, 3858696.64	0.11917	0.67603	0.04959	0.07592	5.08E-04	0.00E+00	4.22E-06	6.54E-06	5.18E-04	2.39E-04	2.13E-02	3.16E-04	2.40E-04	2.21E-02	2.28E-04	0.00E+00	4.22E-06	6.54E-06	2.38E-04
2883	488889.67, 3858683.97	0.12023	0.6622	0.05119	0.07543	5.12E-04	0.00E+00	4.35E-06	6.50E-06	5.23E-04	2.41E-04	2.09E-02	3.27E-04	2.38E-04	2.17E-02	2.30E-04	0.00E+00	4.35E-06	6.50E-06	2.40E-04
2884	488919.67, 3858683.97	0.1197	0.6548	0.05302	0.07469	5.10E-04	0.00E+00	4.51E-06	6.43E-06	5.21E-04	2.40E-04	2.06E-02	3.38E-04	2.36E-04	2.14E-02	2.29E-04	0.00E+00	4.51E-06	6.43E-06	2.40E-04
2885	488889.67, 3858713.97	0.11822	0.70362	0.0461	0.07732	5.03E-04	0.00E+00	3.92E-06	6.66E-06	5.14E-04	2.37E-04	2.22E-02	2.94E-04	2.44E-04	2.29E-02	2.26E-04	0.00E+00	3.92E-06	6.66E-06	2.36E-04
2886	488919.67, 3858713.97	0.11773	0.69394	0.04776	0.07657	5.01E-04	0.00E+00	4.06E-06	6.59E-06	5.12E-04	2.36E-04	2.19E-02	3.05E-04	2.42E-04	2.26E-02	2.25E-04	0.00E+00	4.06E-06	6.59E-06	2.36E-04
2887	488906.61, 3858703.33	0.11863	0.68351	0.04878	0.0762	5.05E-04	0.00E+00	4.15E-06	6.56E-06	5.16E-04	2.38E-04	2.15E-02	3.11E-04	2.41E-04	2.23E-02	2.27E-04	0.00E+00	4.15E-06	6.56E-06	2.37E-04

2888	488936.61, 3858703.33	0.11818	0.67402	0.05052	0.07546	5.03E-04	0.00E+00	4.30E-06	6.50E-06	5.14E-04	2.37E-04	2.12E-02	3.22E-04	2.38E-04	2.20E-02	2.26E-04	0.00E+00	4.30E-06	6.50E-06	2.37E-04
2889	488906.61, 3858733.33	0.1168	0.72509	0.04417	0.07818	4.97E-04	0.00E+00	3.76E-06	6.73E-06	5.08E-04	2.35E-04	2.28E-02	2.82E-04	2.47E-04	2.36E-02	2.23E-04	0.00E+00	3.76E-06	6.73E-06	2.34E-04
2890	488936.61, 3858733.33	0.11628	0.715	0.0457	0.07745	4.95E-04	0.00E+00	3.89E-06	6.67E-06	5.06E-04	2.34E-04	2.25E-02	2.91E-04	2.45E-04	2.33E-02	2.22E-04	0.00E+00	3.89E-06	6.67E-06	2.33E-04
2891	488637.63, 3858467.85	0.14181	0.53731	0.09332	0.07591	6.04E-04	0.00E+00	7.94E-06	6.54E-06	6.18E-04	2.85E-04	1.69E-02	5.95E-04	2.40E-04	1.80E-02	2.71E-04	0.00E+00	7.94E-06	6.54E-06	2.85E-04
2892	488662.63, 3858467.85	0.14122	0.53236	0.09763	0.07477	6.01E-04	0.00E+00	8.30E-06	6.44E-06	6.16E-04	2.84E-04	1.68E-02	6.23E-04	2.36E-04	1.79E-02	2.70E-04	0.00E+00	8.30E-06	6.44E-06	2.84E-04
2893	488637.63, 3858492.85	0.13949	0.55074	0.0812	0.07712	5.94E-04	0.00E+00	6.91E-06	6.64E-06	6.08E-04	2.80E-04	1.73E-02	5.18E-04	2.43E-04	1.84E-02	2.66E-04	0.00E+00	6.91E-06	6.64E-06	2.80E-04
2894	488662.63, 3858492.85	0.13895	0.54549	0.08493	0.07594	5.92E-04	0.00E+00	7.22E-06	6.54E-06	6.06E-04	2.79E-04	1.72E-02	5.42E-04	2.40E-04	1.82E-02	2.65E-04	0.00E+00	7.22E-06	6.54E-06	2.79E-04
2895	488687.63, 3858492.85	0.1385	0.53992	0.08877	0.07481	5.90E-04	0.00E+00	7.55E-06	6.44E-06	6.04E-04	2.78E-04	1.70E-02	5.66E-04	2.36E-04	1.81E-02	2.65E-04	0.00E+00	7.55E-06	6.44E-06	2.79E-04
2896	488637.63, 3858517.85	0.13715	0.56593	0.07128	0.0782	5.84E-04	0.00E+00	6.06E-06	6.73E-06	5.97E-04	2.75E-04	1.78E-02	4.55E-04	2.47E-04	1.88E-02	2.62E-04	0.00E+00	6.06E-06	6.73E-06	2.75E-04
2897	488662.63, 3858517.85	0.13669	0.56033	0.0745	0.077	5.82E-04	0.00E+00	6.34E-06	6.63E-06	5.95E-04	2.75E-04	1.77E-02	4.75E-04	2.43E-04	1.86E-02	2.61E-04	0.00E+00	6.34E-06	6.63E-06	2.74E-04
2898	488687.63, 3858517.85	0.1362	0.55512	0.07776	0.07586	5.80E-04	0.00E+00	6.61E-06	6.53E-06	5.93E-04	2.74E-04	1.75E-02	4.96E-04	2.40E-04	1.85E-02	2.60E-04	0.00E+00	6.61E-06	6.53E-06	2.73E-04
2899	488194.42, 3857168.98	0.87625	0.24424	0.03657	0.02728	3.73E-03	0.00E+00	3.11E-06	2.35E-06	3.74E-03	1.76E-03	7.69E-03	2.33E-04	8.61E-05	9.77E-03	1.67E-03	0.00E+00	3.11E-06	2.35E-06	1.68E-03
2900	488244.42, 3857168.98	0.84476	0.24415	0.03716	0.02721	3.60E-03	0.00E+00	3.16E-06	2.34E-06	3.60E-03	1.70E-03	7.69E-03	2.37E-04	8.59E-05	9.71E-03	1.61E-03	0.00E+00	3.16E-06	2.34E-06	1.62E-03
2901	488294.42, 3857168.98	0.81655	0.24295	0.03777	0.02719	3.48E-03	0.00E+00	3.21E-06	2.34E-06	3.48E-03	1.64E-03	7.65E-03	2.41E-04	8.58E-05	9.62E-03	1.56E-03	0.00E+00	3.21E-06	2.34E-06	1.57E-03
2902	488244.42, 3857218.98	0.7929	0.24746	0.04047	0.02737	3.38E-03	0.00E+00	3.44E-06	2.36E-06	3.38E-03	1.59E-03	7.79E-03	2.58E-04	8.64E-05	9.73E-03	1.51E-03	0.00E+00	3.44E-06	2.36E-06	1.52E-03
2903	488294.42, 3857218.98	0.76773	0.24674	0.04113	0.02739	3.27E-03	0.00E+00	3.50E-06	2.36E-06	3.28E-03	1.54E-03	7.77E-03	2.62E-04	8.65E-05	9.66E-03	1.47E-03	0.00E+00	3.50E-06	2.36E-06	1.47E-03
2904	488294.42, 3857268.98	0.71764	0.25122	0.04511	0.02773	3.06E-03	0.00E+00	3.84E-06	2.39E-06	3.06E-03	1.44E-03	7.91E-03	2.88E-04	8.76E-05	9.73E-03	1.37E-03	0.00E+00	3.84E-06	2.39E-06	1.38E-03
2905	488139.13, 3857111.68	0.97947	0.24159	0.03302	0.0275	4.17E-03	0.00E+00	2.81E-06	2.37E-06	4.18E-03	1.97E-03	7.61E-03	2.11E-04	8.68E-05	9.87E-03	1.87E-03	0.00E+00	2.81E-06	2.37E-06	1.88E-03
2906	488189.13, 3857111.68	0.94016	0.24188	0.03333	0.02734	4.00E-03	0.00E+00	2.83E-06	2.35E-06	4.01E-03	1.89E-03	7.62E-03	2.13E-04	8.63E-05	9.81E-03	1.80E-03	0.00E+00	2.83E-06	2.35E-06	1.80E-03
2907	488189.13, 3857161.68	0.88756	0.24396	0.03608	0.02729	3.78E-03	0.00E+00	3.07E-06	2.35E-06	3.79E-03	1.78E-03	7.68E-03	2.30E-04	8.62E-05	9.78E-03	1.70E-03	0.00E+00	3.07E-06	2.35E-06	1.70E-03
2908	487951.04, 3856961.26	1.33288	0.23776	0.02996	0.02902	5.68E-03	0.00E+00	2.55E-06	2.50E-06	5.68E-03	2.68E-03	7.49E-03	1.91E-04	9.16E-05	1.04E-02	2.55E-03	0.00E+00	2.55E-06	2.50E-06	2.55E-03
2909	488001.04, 3856961.26	1.27135	0.23608	0.02871	0.02882	5.41E-03	0.00E+00	2.44E-06	2.48E-06	5.42E-03	2.55E-03	7.44E-03	1.83E-04	9.10E-05	1.03E-02	2.43E-03	0.00E+00	2.44E-06	2.48E-06	2.43E-03
2910	488051.04, 3856961.26	1.21693	0.23299	0.02751	0.02864	5.18E-03	0.00E+00	2.34E-06	2.47E-06	5.19E-03	2.44E-03	7.34E-03	1.75E-04	9.04E-05	1.00E-02	2.32E-03	0.00E+00	2.34E-06	2.47E-06	2.33E-03
2911	488101.04, 3856961.26	1.16129	0.23356	0.02681	0.02844	4.95E-03	0.00E+00	2.28E-06	2.45E-06	4.95E-03	2.33E-03	7.36E-03	1.71E-04	8.98E-05	9.95E-03	2.22E-03	0.00E+00	2.28E-06	2.45E-06	2.22E-03
2912	487951.04, 3857011.26	1.27951	0.24279	0.03195	0.0286	5.45E-03	0.00E+00	2.72E-06	2.46E-06	5.45E-03	2.57E-03	7.65E-03	2.04E-04	9.03E-05	1.05E-02	2.44E-03	0.00E+00	2.72E-06	2.46E-06	2.45E-03
2913	488001.04, 3857011.26	1.22354	0.23929	0.0307	0.02845	5.21E-03	0.00E+00	2.61E-06	2.45E-06	5.22E-03	2.46E-03	7.54E-03	1.96E-04	8.98E-05	1.03E-02	2.34E-03	0.00E+00	2.61E-06	2.45E-06	2.34E-03
2914	488051.04, 3857011.26	1.17141	0.23632	0.02942	0.02829	4.99E-03	0.00E+00	2.50E-06	2.44E-06	4.99E-03	2.35E-03	7.44E-03	1.88E-04	8.93E-05	1.01E-02	2.24E-03	0.00E+00	2.50E-06	2.44E-06	2.24E-03
2915	488101.04, 3857011.26	1.11835	0.23683	0.02867	0.0281	4.76E-03	0.00E+00	2.44E-06	2.42E-06	4.77E-03	2.25E-03	7.46E-03	1.83E-04	8.87E-05	9.98E-03	2.14E-03	0.00E+00	2.44E-06	2.42E-06	2.14E-03
2916	488001.04, 3857061.26	1.16328	0.24323	0.03294	0.02815	4.95E-03	0.00E+00	2.80E-06	2.42E-06	4.96E-03	2.34E-03	7.66E-03	2.10E-04	8.89E-05	1.03E-02	2.22E-03	0.00E+00	2.80E-06	2.42E-06	2.23E-03
2917	488051.04, 3857061.26	1.11343	0.24145	0.03163	0.02799	4.74E-03	0.00E+00	2.69E-06	2.41E-06	4.75E-03	2.24E-03	7.61E-03	2.02E-04	8.84E-05	1.01E-02	2.13E-03	0.00E+00	2.69E-06	2.41E-06	2.13E-03
2918	488101.04, 3857061.26	1.06632	0.24043	0.0308	0.02782	4.54E-03	0.00E+00	2.62E-06	2.40E-06	4.55E-03	2.14E-03	7.57E-03	1.96E-04	8.78E-05	1.00E-02	2.04E-03	0.00E+00	2.62E-06	2.40E-06	2.04E-03
2919	487638.98, 3856673.79	1.75795	0.21944	0.02273	0.03545	7.49E-03	0.00E+00	1.93E-06	3.05E-06	7.49E-03	3.53E-03	6.91E-03	1.45E-04	1.12E-04	1.07E-02	3.36E-03	0.00E+00	1.93E-06	3.05E-06	3.36E-03
2920	487688.98, 3856673.79	1.68744	0.21795	0.02366	0.03491	7.19E-03	0.00E+00	2.01E-06	3.01E-06	7.19E-03	3.39E-03	6.87E-03	1.51E-04	1.10E-04	1.05E-02	3.22E-03	0.00E+00	2.01E-06	3.01E-06	3.23E-03
2921	487638.98, 3856723.79	1.8126	0.22567	0.02319	0.03443	7.72E-03	0.00E+00	1.97E-06	2.96E-06	7.72E-03	3.64E-03	7.11E-03	1.48E-04	1.09E-04	1.10E-02	3.46E-03	0.00E+00	1.97E-06	2.96E-06	3.47E-03
2922	487688.98, 3856723.79	1.73402	0.22381	0.02426	0.03395	7.38E-03	0.00E+00	2.06E-06	2.92E-06	7.39E-03	3.48E-03	7.05E-03	1.55E-04	1.07E-04	1.08E-02	3.31E-03	0.00E+00	2.06E-06	2.92E-06	3.32E-03
2923	486324.61, 3855740.57	1.74589	0.13108	0.00877	0.06682	7.44E-03	0.00E+00	7.46E-07	5.75E-06	7.44E-03	3.51E-03	4.13E-03	5.59E-05	2.11E-04	7.90E-03	3.33E-03	0.00E+00	7.46E-07	5.75E-06	3.34E-03
2924	486374.61, 3855740.57	1.61415	0.12655	0.00889	0.06592	6.87E-03	0.00E+00	7.56E-07	5.68E-06	6.88E-03	3.24E-03	3.99E-03	5.67E-05	2.08E-04	7.49E-03	3.08E-03	0.00E+00	7.56E-07	5.68E-06	3.09E-03
2925	486424.61, 3855740.57	1.53718	0.12458	0.00894	0.06489	6.55E-03	0.00E+00	7.60E-07	5.59E-06	6.55E-03	3.09E-03	3.92E-03	5.70E-05	2.05E-04	7.27E-03	2.94E-03	0.00E+00	7.60E-07	5.59E-06	2.94E-03
2926	486324.61, 3855790.57	1.86592	0.13723	0.00893	0.06978	7.95E-03	0.00E+00	7.59E-07	6.01E-06	7.95E-03	3.75E-03	4.32E-03	5.70E-05	2.20E-04	8.35E-03	3.56E-03	0.00E+00	7.59E-07	6.01E-06	3.57E-03
2927	486374.61, 3855790.57	1.73052	0.13295	0.00905	0.06868	7.37E-03	0.00E+00	7.70E-07	5.91E-06	7.38E-03	3.48E-03	4.19E-03	5.77E-05	2.17E-04	7.94E-03	3.31E-03	0.00E+00	7.70E-07	5.91E-06	3.31E-03
2928	486424.61, 3855790.57	1.66356	0.13185	0.00904	0.06742	7.08E-03	0.00E+00	7.69E-07	5.81E-06	7.09E-03	3.34E-03	4.15E-03	5.77E-05	2.13E-04	7.77E-03	3.18E-03	0.00E+00	7.69E-07	5.81E-06	3.18E-03
2929	486324.61, 3855840.57	1.99142	0.14341	0.00909	0.07256	8.48E-03	0.00E+00	7.73E-07	6.25E-06	8.49E-03	4.00E-03	4.52E-03	5.80E-05	2.29E-04	8.80E-03	3.80E-03	0.00E+00	7.73E-07	6.25E-06	3.81E-03
2930	486374.61, 3855840.57	1.8984	0.14182	0.00912	0.07111	8.08E-03	0.00E+00	7.76E-07	6.12E-06	8.09E-03	3.81E-03	4.47E-03	5.82E-05	2.25E-04	8.56E-03	3.63E-03	0.00E+00	7.76E-07	6.12E-06	3.63E-03
2931	486424.61, 3855840.57	1.79936	0.13944	0.00916	0.06972	7.66E-03	0.00E+00	7.79E-07	6.00E-06	7.67E-03	3.61E-03	4.39E-03	5.84E-05	2.20E-04	8.28E-03	3.44E-03	0.00E+00	7.79E-07	6.00E-06	3.44E-03
2932	486324.61, 3855890.57	2.18798	0.15275	0.00907	0.07485	9.32E-03	0.00E+00	7.71E-07	6.45E-06	9.33E-03	4.39E-03	4.81E-03	5.79E-05	2.36E-04	9.50E-03	4.18E-03	0.00E+00	7.71E-07	6.45E-06	4.19E-03
2933	486374.61, 3855890.57	2.07022	0.15052	0.00919	0.07321	8.82E-03	0.00E+00	7.82E-07	6.30E-06	8.82E-03	4.16E-03	4.74E-03	5.86E-05	2.31E-04	9.19E-03	3.95E-03	0.00E+00	7.82E-07	6.30E-06	3.96E-03
2934	486424.61, 3855890.57	1.95067	0.14757	0.00928	0.07165	8.31E-03	0.00E+00	7.89E-07	6.17E-06	8.31E-03	3.92E-03	4.65E-03	5.92E-05	2.26E-04	8.85E-03	3.73E-03	0.00E+00	7.89E-07	6.17E-06	3.73E-03
2935	488735.69, 3858285.64	0.16272	0.44238	0.31585	0.06204	6.93E-04	0.00E+00	2.69E-05	5.34E-06	7.25E-04	3.27E-04	1.39E-02	2.01E-03	1.96E-04	1.65E-02	3.11E-04	0.00E+00	2.69E-05	5.34E-06	3.43E-04
2936	488765.69, 3858285.64	0.16285	0.43778	0.31331	0.06121	6.94E-04	0.00E+00	2.66E-05	5.27E-06	7.25E-04	3.27E-04	1.38E-02	2.00E-03	1.93E-04	1.63E-02	3.11E-04	0.00E+00	2.66E-05	5.27E-06	3.43E-04
2937	488735.69, 3858315.64	0.1581	0.45292	0.26779	0.06365	6.73E-04	0.00E+00	2.28E-05	5.48E-06	7.02E-04	3.18E-04	1.43E-02	1.71E-03	2.01E-04	1.65E-02	3.02E-04	0.00E+00	2.28E-05	5.48E-06	3.30E-04
2938	488765.69, 3858315.64	0.15814	0.44792	0.26812	0.06277	6.73E-04	0.00E+00	2.28E-05	5.41E-06	7.02E-04	3.18E-04	1.41E-02	1.71E-03	1.98E-04	1.63E-02	3.02E-04	0.00E+00	2.28E-05	5.41E-06	3.30E-04
2939	478676.63, 3849871.93	0.01042	0.00843	0.00206	0.00287	4.44E-05	0.00E+00	1.75E-07	2.47E-07	4.48E-05	2.09E-05	2.66E-04	1.31E-05	9.06E-06	3.09E-04	1.99E-05	0.00E+00	1.75E-07	2.47E-07	2.03E-05
2940	479326.63, 3849871.93	0.0151	0.0068	0.00203	0.00301	6.43E-05	0.00E+00	1.73E-07	2.59E-07	6.47E-05	3.03E-05	2.14E-04	1.29E-05	9.50E-06	2.67E-04	2.88E-05	0.00E+00	1.73E-07	2.59E-07	2.93E-05
2941	479376.63, 3849871.93	0.01548	0.00667	0.00203	0.00302	6.59E-05	0.00E+00	1.73E-07	2.60E-07	6.64E-05	3.11E-05	2.10E-04	1.29E-05	9.54E-06	2.64E-04	2.96E-05	0.00E+00	1.73E-07	2.60E-07	3.00E-05
2942	479426.63, 3849871.93	0.01586	0.00659	0.00203	0.00303	6.75E-05	0.00E+00	1.73E-07	2.61E-07	6.80E-05	3.19E-05	2.08E-04	1.29E-05	9.57E-06	2.62E-04	3.03E-05	0.00E+00	1.73E-07	2.61E-07	3.07E-05
2943	478726.63, 3849921.93	0.01056	0.00858	0.00207	0.00289	4.50E-05	0.00E+00	1.76E-07	2.49E-07	4.54E-05	2.12E-05	2.70E-04	1.32E-05	9.12E-06	3.14E-04	2.02E-05	0.00E+00	1.76E-07	2.49E-07	2.06E-05
2944	478776.63, 3849921.93	0.01079	0.00852	0.00207	0.0029	4.60E-05	0.00E+00	1.76E-07	2.50E-07	4.64E-05	2.17E-05	2.68E-04	1.32E-05	9.16E-06	3.12E-04	2.06E-05	0.00E+00	1.76E-07	2.50E-07	2.10E-05
2945	478826.63, 3849921.93	0.01105	0.00843	0.00207	0.00291	4.71E-05	0.00E+00	1.76E-07	2.51E-07	4.75E-05	2.22E-05	2.66E-04	1.32E-05	9.19E-06	3.10E-04	2.11E-05	0.00E+00	1.76E-07	2.51E-07	2.15E-05
2946	478976.63, 3849921.93	0.01201	0.00814	0.00206	0.00295	5.11E-05	0.00E+00	1.75E-07	2.54E-07	5.16E-05	2.41E-05	2.56E-04	1.31E-05	9.31E-06	3.03E-04	2.29E-05	0.00E+00	1.75E-07	2.54E-07	2.34E-05

2947	479026.63, 3849921.93	0.01244	0.00813	0.00206	0.00295	5.30E-05	0.00E+00	1.75E-07	2.54E-07	5.34E-05	2.50E-05	2.56E-04	1.31E-05	9.31E-06	3.04E-04	2.38E-05	0.00E+00	1.75E-07	2.54E-07	2.42E-05
2948	479076.63, 3849921.93	0.01285	0.00804	0.00205	0.00296	5.47E-05	0.00E+00	1.74E-07	2.55E-07	5.52E-05	2.58E-05	2.53E-04	1.31E-05	9.35E-06	3.01E-04	2.45E-05	0.00E+00	1.74E-07	2.55E-07	2.50E-05
2949	479126.63, 3849921.93	0.01328	0.00791	0.00205	0.00297	5.66E-05	0.00E+00	1.74E-07	2.56E-07	5.70E-05	2.67E-05	2.49E-04	1.31E-05	9.38E-06	2.98E-04	2.54E-05	0.00E+00	1.74E-07	2.56E-07	2.58E-05
2950	479176.63, 3849921.93	0.01374	0.00783	0.00205	0.00297	5.85E-05	0.00E+00	1.74E-07	2.56E-07	5.89E-05	2.76E-05	2.47E-04	1.31E-05	9.38E-06	2.97E-04	2.62E-05	0.00E+00	1.74E-07	2.56E-07	2.67E-05
2951	479226.63, 3849921.93	0.01414	0.00753	0.00204	0.00299	6.02E-05	0.00E+00	1.73E-07	2.57E-07	6.06E-05	2.84E-05	2.37E-04	1.30E-05	9.44E-06	2.88E-04	2.70E-05	0.00E+00	1.73E-07	2.57E-07	2.74E-05
2952	479276.63, 3849921.93	0.01443	0.00713	0.00204	0.00301	6.15E-05	0.00E+00	1.73E-07	2.59E-07	6.19E-05	2.90E-05	2.25E-04	1.30E-05	9.50E-06	2.76E-04	2.76E-05	0.00E+00	1.73E-07	2.59E-07	2.80E-05
2953	479326.63, 3849921.93	0.01505	0.00733	0.00204	0.003	6.41E-05	0.00E+00	1.73E-07	2.58E-07	6.45E-05	3.02E-05	2.31E-04	1.30E-05	9.47E-06	2.84E-04	2.87E-05	0.00E+00	1.73E-07	2.58E-07	2.92E-05
2954	479376.63, 3849921.93	0.01533	0.00692	0.00204	0.00303	6.53E-05	0.00E+00	1.73E-07	2.61E-07	6.57E-05	3.08E-05	2.18E-04	1.30E-05	9.57E-06	2.71E-04	2.93E-05	0.00E+00	1.73E-07	2.61E-07	2.97E-05
2955	479426.63, 3849921.93	0.01583	0.007	0.00204	0.00303	6.74E-05	0.00E+00	1.73E-07	2.61E-07	6.78E-05	3.18E-05	2.20E-04	1.30E-05	9.57E-06	2.75E-04	3.02E-05	0.00E+00	1.73E-07	2.61E-07	3.07E-05
2956	478726.63, 3849971.93	0.01049	0.00878	0.00209	0.00289	4.47E-05	0.00E+00	1.78E-07	2.49E-07	4.51E-05	2.11E-05	2.77E-04	1.33E-05	9.12E-06	3.20E-04	2.00E-05	0.00E+00	1.78E-07	2.49E-07	2.05E-05
2957	478776.63, 3849971.93	0.01069	0.00871	0.00209	0.0029	4.55E-05	0.00E+00	1.78E-07	2.50E-07	4.60E-05	2.15E-05	2.74E-04	1.33E-05	9.16E-06	3.18E-04	2.04E-05	0.00E+00	1.78E-07	2.50E-07	2.08E-05
2958	478826.63, 3849971.93	0.01093	0.00863	0.00208	0.00291	4.65E-05	0.00E+00	1.77E-07	2.51E-07	4.70E-05	2.20E-05	2.72E-04	1.33E-05	9.19E-06	3.16E-04	2.09E-05	0.00E+00	1.77E-07	2.51E-07	2.13E-05
2959	478976.63, 3849971.93	0.01187	0.00849	0.00207	0.00294	5.06E-05	0.00E+00	1.76E-07	2.53E-07	5.10E-05	2.38E-05	2.67E-04	1.32E-05	9.28E-06	3.14E-04	2.27E-05	0.00E+00	1.76E-07	2.53E-07	2.31E-05
2960	479026.63, 3849971.93	0.01222	0.00838	0.00207	0.00295	5.20E-05	0.00E+00	1.76E-07	2.54E-07	5.25E-05	2.45E-05	2.64E-04	1.32E-05	9.31E-06	3.11E-04	2.33E-05	0.00E+00	1.76E-07	2.54E-07	2.38E-05
2961	479076.63, 3849971.93	0.0126	0.00826	0.00207	0.00297	5.37E-05	0.00E+00	1.76E-07	2.56E-07	5.41E-05	2.53E-05	2.60E-04	1.32E-05	9.38E-06	3.08E-04	2.41E-05	0.00E+00	1.76E-07	2.56E-07	2.45E-05
2962	479126.63, 3849971.93	0.01302	0.00816	0.00206	0.00297	5.54E-05	0.00E+00	1.75E-07	2.56E-07	5.59E-05	2.62E-05	2.57E-04	1.31E-05	9.38E-06	3.06E-04	2.49E-05	0.00E+00	1.75E-07	2.56E-07	2.53E-05
2963	479176.63, 3849971.93	0.01347	0.00805	0.00206	0.00298	5.74E-05	0.00E+00	1.75E-07	2.57E-07	5.78E-05	2.71E-05	2.54E-04	1.31E-05	9.41E-06	3.03E-04	2.57E-05	0.00E+00	1.75E-07	2.57E-07	2.62E-05
2964	479226.63, 3849971.93	0.01372	0.00751	0.00206	0.00301	5.84E-05	0.00E+00	1.75E-07	2.59E-07	5.89E-05	2.76E-05	2.37E-04	1.31E-05	9.50E-06	2.87E-04	2.62E-05	0.00E+00	1.75E-07	2.59E-07	2.66E-05
2965	479276.63, 3849971.93	0.01432	0.00767	0.00205	0.00301	6.10E-05	0.00E+00	1.74E-07	2.59E-07	6.14E-05	2.88E-05	2.42E-04	1.31E-05	9.50E-06	2.93E-04	2.74E-05	0.00E+00	1.74E-07	2.59E-07	2.78E-05
2966	479326.63, 3849971.93	0.01487	0.00774	0.00205	0.003	6.33E-05	0.00E+00	1.74E-07	2.58E-07	6.38E-05	2.99E-05	2.44E-04	1.31E-05	9.47E-06	2.96E-04	2.84E-05	0.00E+00	1.74E-07	2.58E-07	2.88E-05
2967	479376.63, 3849971.93	0.0152	0.00732	0.00205	0.00303	6.47E-05	0.00E+00	1.74E-07	2.61E-07	6.52E-05	3.05E-05	2.31E-04	1.31E-05	9.57E-06	2.84E-04	2.90E-05	0.00E+00	1.74E-07	2.61E-07	2.95E-05
2968	479426.63, 3849971.93	0.01568	0.00728	0.00205	0.00303	6.68E-05	0.00E+00	1.74E-07	2.61E-07	6.72E-05	3.15E-05	2.29E-04	1.31E-05	9.57E-06	2.83E-04	2.99E-05	0.00E+00	1.74E-07	2.61E-07	3.04E-05
2969	478726.63, 3850021.93	0.01046	0.00898	0.0021	0.0029	4.45E-05	0.00E+00	1.79E-07	2.50E-07	4.50E-05	2.10E-05	2.83E-04	1.34E-05	9.16E-06	3.26E-04	2.00E-05	0.00E+00	1.79E-07	2.50E-07	2.04E-05
2970	478776.63, 3850021.93	0.01063	0.00891	0.0021	0.00291	4.53E-05	0.00E+00	1.79E-07	2.51E-07	4.57E-05	2.14E-05	2.81E-04	1.34E-05	9.19E-06	3.25E-04	2.03E-05	0.00E+00	1.79E-07	2.51E-07	2.07E-05
2971	478826.63, 3850021.93	0.01084	0.00884	0.0021	0.00292	4.62E-05	0.00E+00	1.79E-07	2.51E-07	4.66E-05	2.18E-05	2.78E-04	1.34E-05	9.22E-06	3.23E-04	2.07E-05	0.00E+00	1.79E-07	2.51E-07	2.11E-05
2972	478976.63, 3850021.93	0.01168	0.00871	0.00209	0.00295	4.97E-05	0.00E+00	1.78E-07	2.54E-07	5.02E-05	2.35E-05	2.74E-04	1.33E-05	9.31E-06	3.20E-04	2.23E-05	0.00E+00	1.78E-07	2.54E-07	2.27E-05
2973	478726.63, 3850071.93	0.01047	0.00919	0.00212	0.0029	4.46E-05	0.00E+00	1.80E-07	2.50E-07	4.50E-05	2.10E-05	2.89E-04	1.35E-05	9.16E-06	3.33E-04	2.00E-05	0.00E+00	1.80E-07	2.50E-07	2.04E-05
2974	478776.63, 3850071.93	0.01061	0.00913	0.00211	0.00291	4.52E-05	0.00E+00	1.79E-07	2.51E-07	4.56E-05	2.13E-05	2.88E-04	1.35E-05	9.19E-06	3.32E-04	2.03E-05	0.00E+00	1.79E-07	2.51E-07	2.07E-05
2975	478826.63, 3850071.93	0.01078	0.00906	0.00211	0.00292	4.59E-05	0.00E+00	1.79E-07	2.51E-07	4.63E-05	2.17E-05	2.85E-04	1.35E-05	9.22E-06	3.30E-04	2.06E-05	0.00E+00	1.79E-07	2.51E-07	2.10E-05
2976	478876.63, 3850071.93	0.01099	0.00901	0.00211	0.00293	4.68E-05	0.00E+00	1.79E-07	2.52E-07	4.72E-05	2.21E-05	2.84E-04	1.35E-05	9.25E-06	3.29E-04	2.10E-05	0.00E+00	1.79E-07	2.52E-07	2.14E-05
2977	478976.63, 3850071.93	0.01153	0.00893	0.0021	0.00295	4.91E-05	0.00E+00	1.79E-07	2.54E-07	4.95E-05	2.32E-05	2.81E-04	1.34E-05	9.31E-06	3.27E-04	2.20E-05	0.00E+00	1.79E-07	2.54E-07	2.25E-05
2978	478726.63, 3850121.93	0.01051	0.00939	0.00213	0.00291	4.48E-05	0.00E+00	1.81E-07	2.51E-07	4.52E-05	2.11E-05	2.96E-04	1.36E-05	9.19E-06	3.40E-04	2.01E-05	0.00E+00	1.81E-07	2.51E-07	2.05E-05
2979	478776.63, 3850121.93	0.01063	0.00934	0.00213	0.00292	4.53E-05	0.00E+00	1.81E-07	2.51E-07	4.57E-05	2.14E-05	2.94E-04	1.36E-05	9.22E-06	3.38E-04	2.03E-05	0.00E+00	1.81E-07	2.51E-07	2.07E-05
2980	478826.63, 3850121.93	0.01077	0.00928	0.00213	0.00293	4.59E-05	0.00E+00	1.81E-07	2.52E-07	4.63E-05	2.16E-05	2.92E-04	1.36E-05	9.25E-06	3.37E-04	2.06E-05	0.00E+00	1.81E-07	2.52E-07	2.10E-05
2981	478876.63, 3850121.93	0.01094	0.00921	0.00212	0.00294	4.66E-05	0.00E+00	1.80E-07	2.53E-07	4.70E-05	2.20E-05	2.90E-04	1.35E-05	9.28E-06	3.35E-04	2.09E-05	0.00E+00	1.80E-07	2.53E-07	2.13E-05
2982	478976.63, 3850121.93	0.01141	0.00915	0.00212	0.00296	4.86E-05	0.00E+00	1.80E-07	2.55E-07	4.90E-05	2.29E-05	2.88E-04	1.35E-05	9.35E-06	3.34E-04	2.18E-05	0.00E+00	1.80E-07	2.55E-07	2.22E-05
2983	479026.63, 3850121.93	0.0117	0.0091	0.00212	0.00297	4.98E-05	0.00E+00	1.80E-07	2.56E-07	5.03E-05	2.35E-05	2.87E-04	1.35E-05	9.38E-06	3.33E-04	2.23E-05	0.00E+00	1.80E-07	2.56E-07	2.28E-05
2984	479076.63, 3850121.93	0.01201	0.00902	0.00211	0.00298	5.11E-05	0.00E+00	1.79E-07	2.57E-07	5.16E-05	2.41E-05	2.84E-04	1.35E-05	9.41E-06	3.31E-04	2.29E-05	0.00E+00	1.79E-07	2.57E-07	2.34E-05
2985	479126.63, 3850121.93	0.01235	0.00894	0.00211	0.00299	5.26E-05	0.00E+00	1.79E-07	2.57E-07	5.30E-05	2.48E-05	2.82E-04	1.35E-05	9.44E-06	3.29E-04	2.36E-05	0.00E+00	1.79E-07	2.57E-07	2.40E-05
2986	478776.63, 3850171.93	0.01068	0.00954	0.00214	0.00292	4.55E-05	0.00E+00	1.82E-07	2.51E-07	4.59E-05	2.15E-05	3.01E-04	1.37E-05	9.22E-06	3.45E-04	2.04E-05	0.00E+00	1.82E-07	2.51E-07	2.08E-05
2987	478826.63, 3850171.93	0.01078	0.00948	0.00214	0.00294	4.59E-05	0.00E+00	1.82E-07	2.53E-07	4.63E-05	2.17E-05	2.99E-04	1.37E-05	9.28E-06	3.43E-04	2.06E-05	0.00E+00	1.82E-07	2.53E-07	2.10E-05
2988	478876.63, 3850171.93	0.01092	0.00942	0.00214	0.00295	4.65E-05	0.00E+00	1.82E-07	2.54E-07	4.69E-05	2.19E-05	2.97E-04	1.37E-05	9.31E-06	3.42E-04	2.09E-05	0.00E+00	1.82E-07	2.54E-07	2.13E-05
2989	478976.63, 3850171.93	0.01134	0.00937	0.00213	0.00296	4.83E-05	0.00E+00	1.81E-07	2.55E-07	4.87E-05	2.28E-05	2.95E-04	1.36E-05	9.35E-06	3.41E-04	2.17E-05	0.00E+00	1.81E-07	2.55E-07	2.21E-05
2990	479026.63, 3850171.93	0.0116	0.00935	0.00213	0.00297	4.94E-05	0.00E+00	1.81E-07	2.56E-07	4.98E-05	2.33E-05	2.95E-04	1.36E-05	9.38E-06	3.41E-04	2.22E-05	0.00E+00	1.81E-07	2.56E-07	2.26E-05
2991	479076.63, 3850171.93	0.01187	0.00927	0.00213	0.00298	5.06E-05	0.00E+00	1.81E-07	2.57E-07	5.10E-05	2.38E-05	2.92E-04	1.36E-05	9.41E-06	3.39E-04	2.27E-05	0.00E+00	1.81E-07	2.57E-07	2.31E-05
2992	479126.63, 3850171.93	0.01218	0.0092	0.00212	0.00299	5.19E-05	0.00E+00	1.80E-07	2.57E-07	5.23E-05	2.45E-05	2.90E-04	1.35E-05	9.44E-06	3.37E-04	2.33E-05	0.00E+00	1.80E-07	2.57E-07	2.37E-05
2993	479176.63, 3850171.93	0.01255	0.00916	0.00212	0.003	5.34E-05	0.00E+00	1.80E-07	2.58E-07	5.39E-05	2.52E-05	2.89E-04	1.35E-05	9.47E-06	3.37E-04	2.40E-05	0.00E+00	1.80E-07	2.58E-07	2.44E-05
2994	479226.63, 3850171.93	0.01297	0.00919	0.00212	0.003	5.52E-05	0.00E+00	1.80E-07	2.58E-07	5.57E-05	2.61E-05	2.89E-04	1.35E-05	9.47E-06	3.39E-04	2.48E-05	0.00E+00	1.80E-07	2.58E-07	2.52E-05
2995	479276.63, 3850171.93	0.01343	0.00922	0.00211	0.003	5.72E-05	0.00E+00	1.79E-07	2.58E-07	5.76E-05	2.70E-05	2.90E-04	1.35E-05	9.47E-06	3.40E-04	2.57E-05	0.00E+00	1.79E-07	2.58E-07	2.61E-05
2996	479326.63, 3850171.93	0.01384	0.00907	0.00211	0.00301	5.89E-05	0.00E+00	1.79E-07	2.59E-07	5.94E-05	2.78E-05	2.86E-04	1.35E-05	9.50E-06	3.36E-04	2.64E-05	0.00E+00	1.79E-07	2.59E-07	2.69E-05
2997	479376.63, 3850171.93	0.01428	0.00891	0.00211	0.00303	6.08E-05	0.00E+00	1.79E-07	2.61E-07	6.13E-05	2.87E-05	2.81E-04	1.35E-05	9.57E-06	3.32E-04	2.73E-05	0.00E+00	1.79E-07	2.61E-07	2.77E-05
2998	478676.63, 3850221.93	0.01065	0.00975	0.00215	0.00292	4.54E-05	0.00E+00	1.83E-07	2.51E-07	4.58E-05	2.14E-05	3.07E-04	1.37E-05	9.22E-06	3.51E-04	2.03E-05	0.00E+00	1.83E-07	2.51E-07	2.08E-05
2999	478726.63, 3850221.93	0.0107	0.00976	0.00215	0.00292	4.56E-05	0.00E+00	1.83E-07	2.51E-07	4.60E-05	2.15E-05	3.07E-04	1.37E-05	9.22E-06	3.52E-04	2.04E-05	0.00E+00	1.83E-07	2.51E-07	2.09E-05
3000	478976.63, 3850221.93	0.01131	0.0096	0.00215	0.00297	4.82E-05	0.00E+00	1.83E-07	2.56E-07	4.86E-05	2.27E-05	3.02E-04	1.37E-05	9.38E-06	3.48E-04	2.16E-05	0.00E+00	1.83E-07	2.56E-07	2.20E-05
3001	479026.63, 3850221.93	0.01153	0.00958	0.00215	0.00298	4.91E-05	0.00E+00	1.83E-07	2.57E-07	4.95E-05	2.32E-05	3.02E-04	1.37E-05	9.41E-06	3.48E-04	2.20E-05	0.00E+00	1.83E-07	2.57E-07	2.25E-05
3002	479076.63, 3850221.93	0.01177	0.00951	0.00214	0.00299	5.01E-05	0.00E+00	1.82E-07	2.57E-07	5.06E-05	2.36E-05	3.00E-04	1.37E-05	9.44E-06	3.46E-04	2.25E-05	0.00E+00	1.82E-07	2.57E-07	2.29E-05
3003	479126.63, 3850221.93	0.01206	0.00946	0.00214	0.003	5.14E-05	0.00E+00	1.82E-07	2.58E-07	5.18E-05	2.42E-05	2.98E-04	1.37E-05	9.47E-06	3.45E-04	2.30E-05	0.00E+00	1.82E-07	2.58E-07	2.35E-05
3004	479176.63, 3850221.93	0.0124	0.00945	0.00214	0.003	5.28E-05	0.00E+00	1.82E-07	2.58E-07	5.32E-05	2.49E-05	2.98E-04	1.37E-05	9.47E-06	3.46E-04	2.37E-05	0.00E+00	1.82E-07	2.58E-07	2.41E-05
3005	479226.63, 3850221.93	0.01278	0.00945	0.00213	0.00301	5.44E-05	0.00E+00	1.81E-07	2.59E-07	5.49E-05	2.57E-05	2.98E-04	1.36E-05	9.50E-06	3.46E-04	2.44E-05	0.00E+00	1.81E-07	2.59E-07	2.48E-05

3006	479276.63, 3850221.93	0.0132	0.00944	0.00213	0.00301	5.62E-05	0.00E+00	1.81E-07	2.59E-07	5.67E-05	2.65E-05	2.97E-04	1.36E-05	9.50E-06	3.47E-04	2.52E-05	0.00E+00	1.81E-07	2.59E-07	2.57E-05
3007	479326.63, 3850221.93	0.01358	0.0093	0.00213	0.00302	5.78E-05	0.00E+00	1.81E-07	2.60E-07	5.83E-05	2.73E-05	2.93E-04	1.36E-05	9.54E-06	3.43E-04	2.59E-05	0.00E+00	1.81E-07	2.60E-07	2.64E-05
3008	479376.63, 3850221.93	0.01401	0.00919	0.00212	0.00303	5.97E-05	0.00E+00	1.80E-07	2.61E-07	6.01E-05	2.81E-05	2.89E-04	1.35E-05	9.57E-06	3.41E-04	2.68E-05	0.00E+00	1.80E-07	2.61E-07	2.72E-05
3009	478676.63, 3850271.93	0.01082	0.00991	0.00216	0.00293	4.61E-05	0.00E+00	1.84E-07	2.52E-07	4.65E-05	2.17E-05	3.12E-04	1.38E-05	9.25E-06	3.57E-04	2.07E-05	0.00E+00	1.84E-07	2.52E-07	2.11E-05
3010	478726.63, 3850271.93	0.01084	0.00993	0.00216	0.00293	4.62E-05	0.00E+00	1.84E-07	2.52E-07	4.66E-05	2.18E-05	3.13E-04	1.38E-05	9.25E-06	3.58E-04	2.07E-05	0.00E+00	1.84E-07	2.52E-07	2.11E-05
3011	478976.63, 3850271.93	0.0113	0.0098	0.00216	0.00298	4.81E-05	0.00E+00	1.84E-07	2.57E-07	4.86E-05	2.27E-05	3.09E-04	1.38E-05	9.41E-06	3.55E-04	2.16E-05	0.00E+00	1.84E-07	2.57E-07	2.20E-05
3012	479026.63, 3850271.93	0.01151	0.0098	0.00216	0.00299	4.90E-05	0.00E+00	1.84E-07	2.57E-07	4.95E-05	2.31E-05	3.09E-04	1.38E-05	9.44E-06	3.55E-04	2.20E-05	0.00E+00	1.84E-07	2.57E-07	2.24E-05
3013	479076.63, 3850271.93	0.01172	0.00976	0.00216	0.00299	4.99E-05	0.00E+00	1.84E-07	2.57E-07	5.04E-05	2.35E-05	3.07E-04	1.38E-05	9.44E-06	3.54E-04	2.24E-05	0.00E+00	1.84E-07	2.57E-07	2.28E-05
3014	479126.63, 3850271.93	0.01198	0.00972	0.00216	0.003	5.10E-05	0.00E+00	1.84E-07	2.58E-07	5.15E-05	2.41E-05	3.06E-04	1.38E-05	9.47E-06	3.53E-04	2.29E-05	0.00E+00	1.84E-07	2.58E-07	2.33E-05
3015	479176.63, 3850271.93	0.01228	0.0097	0.00215	0.00301	5.23E-05	0.00E+00	1.83E-07	2.59E-07	5.27E-05	2.47E-05	3.06E-04	1.37E-05	9.50E-06	3.53E-04	2.35E-05	0.00E+00	1.83E-07	2.59E-07	2.39E-05
3016	479226.63, 3850271.93	0.01263	0.00969	0.00215	0.00302	5.38E-05	0.00E+00	1.83E-07	2.60E-07	5.42E-05	2.54E-05	3.05E-04	1.37E-05	9.54E-06	3.54E-04	2.41E-05	0.00E+00	1.83E-07	2.60E-07	2.46E-05
3017	479276.63, 3850271.93	0.01299	0.00964	0.00215	0.00302	5.53E-05	0.00E+00	1.83E-07	2.60E-07	5.58E-05	2.61E-05	3.04E-04	1.37E-05	9.54E-06	3.53E-04	2.48E-05	0.00E+00	1.83E-07	2.60E-07	2.53E-05
3018	479326.63, 3850271.93	0.01335	0.00953	0.00214	0.00303	5.69E-05	0.00E+00	1.82E-07	2.61E-07	5.73E-05	2.68E-05	3.00E-04	1.37E-05	9.57E-06	3.50E-04	2.55E-05	0.00E+00	1.82E-07	2.61E-07	2.59E-05
3019	479376.63, 3850271.93	0.01373	0.00936	0.00214	0.00305	5.85E-05	0.00E+00	1.82E-07	2.63E-07	5.89E-05	2.76E-05	2.95E-04	1.37E-05	9.63E-06	3.46E-04	2.62E-05	0.00E+00	1.82E-07	2.63E-07	2.67E-05
3020	479053.24, 3850293.52	0.01162	0.00989	0.00217	0.00299	4.95E-05	0.00E+00	1.85E-07	2.57E-07	4.99E-05	2.33E-05	3.12E-04	1.38E-05	9.44E-06	3.58E-04	2.22E-05	0.00E+00	1.85E-07	2.57E-07	2.26E-05
3021	479103.24, 3850293.52	0.01185	0.00986	0.00216	0.003	5.05E-05	0.00E+00	1.84E-07	2.58E-07	5.09E-05	2.38E-05	3.11E-04	1.38E-05	9.47E-06	3.58E-04	2.26E-05	0.00E+00	1.84E-07	2.58E-07	2.31E-05
3022	479153.24, 3850293.52	0.0121	0.00981	0.00216	0.00301	5.15E-05	0.00E+00	1.84E-07	2.59E-07	5.20E-05	2.43E-05	3.09E-04	1.38E-05	9.50E-06	3.57E-04	2.31E-05	0.00E+00	1.84E-07	2.59E-07	2.36E-05
3023	479203.24, 3850293.52	0.01242	0.0098	0.00216	0.00302	5.29E-05	0.00E+00	1.84E-07	2.60E-07	5.33E-05	2.49E-05	3.09E-04	1.38E-05	9.54E-06	3.57E-04	2.37E-05	0.00E+00	1.84E-07	2.60E-07	2.42E-05
3024	479253.24, 3850293.52	0.01275	0.00977	0.00216	0.00302	5.43E-05	0.00E+00	1.84E-07	2.60E-07	5.47E-05	2.56E-05	3.08E-04	1.38E-05	9.54E-06	3.57E-04	2.44E-05	0.00E+00	1.84E-07	2.60E-07	2.48E-05
3025	479303.24, 3850293.52	0.01309	0.00967	0.00215	0.00303	5.57E-05	0.00E+00	1.83E-07	2.61E-07	5.62E-05	2.63E-05	3.05E-04	1.37E-05	9.57E-06	3.54E-04	2.50E-05	0.00E+00	1.83E-07	2.61E-07	2.54E-05
3026	479353.24, 3850293.52	0.01345	0.00953	0.00215	0.00304	5.73E-05	0.00E+00	1.83E-07	2.62E-07	5.77E-05	2.70E-05	3.00E-04	1.37E-05	9.60E-06	3.51E-04	2.57E-05	0.00E+00	1.83E-07	2.62E-07	2.61E-05
3027	479153.24, 3850343.52	0.01207	0.01006	0.00218	0.00302	5.14E-05	0.00E+00	1.85E-07	2.60E-07	5.18E-05	2.42E-05	3.17E-04	1.39E-05	9.54E-06	3.65E-04	2.31E-05	0.00E+00	1.85E-07	2.60E-07	2.35E-05
3028	479203.24, 3850343.52	0.01255	0.01004	0.00217	0.00302	5.34E-05	0.00E+00	1.85E-07	2.60E-07	5.39E-05	2.52E-05	3.16E-04	1.38E-05	9.54E-06	3.65E-04	2.40E-05	0.00E+00	1.85E-07	2.60E-07	2.44E-05
3029	479253.24, 3850343.52	0.01261	0.00997	0.00217	0.00303	5.37E-05	0.00E+00	1.85E-07	2.61E-07	5.41E-05	2.53E-05	3.14E-04	1.38E-05	9.57E-06	3.63E-04	2.41E-05	0.00E+00	1.85E-07	2.61E-07	2.45E-05
3030	479303.24, 3850343.52	0.0129	0.00987	0.00217	0.00304	5.49E-05	0.00E+00	1.85E-07	2.62E-07	5.54E-05	2.59E-05	3.11E-04	1.38E-05	9.60E-06	3.60E-04	2.46E-05	0.00E+00	1.85E-07	2.62E-07	2.51E-05
3031	479353.24, 3850343.52	0.01323	0.00974	0.00216	0.00306	5.63E-05	0.00E+00	1.84E-07	2.63E-07	5.68E-05	2.66E-05	3.07E-04	1.38E-05	9.66E-06	3.57E-04	2.53E-05	0.00E+00	1.84E-07	2.63E-07	2.57E-05
3032	479203.24, 3850393.52	0.01245	0.01025	0.00219	0.00303	5.30E-05	0.00E+00	1.86E-07	2.61E-07	5.35E-05	2.50E-05	3.23E-04	1.40E-05	9.57E-06	3.71E-04	2.38E-05	0.00E+00	1.86E-07	2.61E-07	2.42E-05
3033	479253.24, 3850393.52	0.0127	0.01018	0.00219	0.00304	5.41E-05	0.00E+00	1.86E-07	2.62E-07	5.45E-05	2.55E-05	3.21E-04	1.40E-05	9.60E-06	3.70E-04	2.43E-05	0.00E+00	1.86E-07	2.62E-07	2.47E-05
3034	479303.24, 3850393.52	0.01298	0.01009	0.00218	0.00305	5.53E-05	0.00E+00	1.85E-07	2.63E-07	5.57E-05	2.61E-05	3.18E-04	1.39E-05	9.63E-06	3.67E-04	2.48E-05	0.00E+00	1.85E-07	2.63E-07	2.52E-05
3035	479353.24, 3850393.52	0.01307	0.00997	0.00218	0.00307	5.57E-05	0.00E+00	1.85E-07	2.64E-07	5.61E-05	2.63E-05	3.14E-04	1.39E-05	9.69E-06	3.64E-04	2.50E-05	0.00E+00	1.85E-07	2.64E-07	2.54E-05
3036	479403.24, 3850393.52	0.0134	0.00985	0.00218	0.00308	5.71E-05	0.00E+00	1.85E-07	2.65E-07	5.75E-05	2.69E-05	3.10E-04	1.39E-05	9.72E-06	3.61E-04	2.56E-05	0.00E+00	1.85E-07	2.65E-07	2.60E-05
3037	479453.24, 3850393.52	0.01375	0.00967	0.00217	0.00309	5.86E-05	0.00E+00	1.85E-07	2.66E-07	5.90E-05	2.76E-05	3.05E-04	1.38E-05	9.76E-06	3.56E-04	2.63E-05	0.00E+00	1.85E-07	2.66E-07	2.67E-05
3038	479503.24, 3850393.52	0.01414	0.00947	0.00217	0.0031	6.02E-05	0.00E+00	1.85E-07	2.67E-07	6.07E-05	2.84E-05	2.98E-04	1.38E-05	9.79E-06	3.50E-04	2.70E-05	0.00E+00	1.85E-07	2.67E-07	2.75E-05
3039	479303.24, 3850443.52	0.01285	0.01028	0.0022	0.00307	5.47E-05	0.00E+00	1.87E-07	2.64E-07	5.52E-05	2.58E-05	3.24E-04	1.40E-05	9.69E-06	3.73E-04	2.45E-05	0.00E+00	1.87E-07	2.64E-07	2.50E-05
3040	479353.24, 3850443.52	0.01291	0.01015	0.0022	0.00308	5.50E-05	0.00E+00	1.87E-07	2.65E-07	5.54E-05	2.59E-05	3.20E-04	1.40E-05	9.72E-06	3.69E-04	2.47E-05	0.00E+00	1.87E-07	2.65E-07	2.51E-05
3041	479403.24, 3850443.52	0.01318	0.00999	0.00219	0.00309	5.61E-05	0.00E+00	1.86E-07	2.66E-07	5.66E-05	2.65E-05	3.15E-04	1.40E-05	9.76E-06	3.65E-04	2.52E-05	0.00E+00	1.86E-07	2.66E-07	2.56E-05
3042	479453.24, 3850443.52	0.0135	0.00983	0.00219	0.00311	5.75E-05	0.00E+00	1.86E-07	2.68E-07	5.79E-05	2.71E-05	3.10E-04	1.40E-05	9.82E-06	3.61E-04	2.58E-05	0.00E+00	1.86E-07	2.68E-07	2.62E-05
3043	479503.24, 3850443.52	0.01386	0.00964	0.00218	0.00312	5.90E-05	0.00E+00	1.85E-07	2.69E-07	5.95E-05	2.78E-05	3.04E-04	1.39E-05	9.85E-06	3.55E-04	2.65E-05	0.00E+00	1.85E-07	2.69E-07	2.69E-05
3044	480327.18, 3850987.04	0.01924	0.0112	0.00233	0.00341	8.19E-05	0.00E+00	1.98E-07	2.94E-07	8.24E-05	3.86E-05	3.53E-04	1.49E-05	1.08E-05	4.17E-04	3.67E-05	0.00E+00	1.98E-07	2.94E-07	3.72E-05
3045	480377.18, 3850987.04	0.0198	0.01109	0.00232	0.00343	8.43E-05	0.00E+00	1.97E-07	2.95E-07	8.48E-05	3.98E-05	3.49E-04	1.48E-05	1.08E-05	4.15E-04	3.78E-05	0.00E+00	1.97E-07	2.95E-07	3.83E-05
3046	480427.18, 3850987.04	0.02035	0.01095	0.00232	0.00344	8.67E-05	0.00E+00	1.97E-07	2.96E-07	8.72E-05	4.09E-05	3.45E-04	1.48E-05	1.09E-05	4.11E-04	3.89E-05	0.00E+00	1.97E-07	2.96E-07	3.94E-05
3047	480477.18, 3850987.04	0.02086	0.01079	0.00232	0.00346	8.88E-05	0.00E+00	1.97E-07	2.98E-07	8.93E-05	4.19E-05	3.40E-04	1.48E-05	1.09E-05	4.08E-04	3.98E-05	0.00E+00	1.97E-07	2.98E-07	4.03E-05
3048	480327.18, 3851037.04	0.01894	0.01147	0.00235	0.00342	8.07E-05	0.00E+00	2.00E-07	2.94E-07	8.12E-05	3.80E-05	3.61E-04	1.50E-05	1.08E-05	4.25E-04	3.62E-05	0.00E+00	2.00E-07	2.94E-07	3.67E-05
3049	480377.18, 3851037.04	0.01952	0.01135	0.00234	0.00344	8.31E-05	0.00E+00	1.99E-07	2.96E-07	8.36E-05	3.92E-05	3.58E-04	1.49E-05	1.09E-05	4.23E-04	3.73E-05	0.00E+00	1.99E-07	2.96E-07	3.78E-05
3050	480427.18, 3851037.04	0.02009	0.01121	0.00234	0.00346	8.56E-05	0.00E+00	1.99E-07	2.98E-07	8.61E-05	4.04E-05	3.53E-04	1.49E-05	1.09E-05	4.19E-04	3.84E-05	0.00E+00	1.99E-07	2.98E-07	3.89E-05
3051	480477.18, 3851037.04	0.02065	0.01111	0.00233	0.00347	8.79E-05	0.00E+00	1.98E-07	2.99E-07	8.84E-05	4.15E-05	3.50E-04	1.49E-05	1.10E-05	4.17E-04	3.94E-05	0.00E+00	1.98E-07	2.99E-07	3.99E-05
3052	480622.06, 3851087.39	0.02198	0.01113	0.00235	0.00354	9.36E-05	0.00E+00	2.00E-07	3.05E-07	9.41E-05	4.41E-05	3.51E-04	1.50E-05	1.12E-05	4.21E-04	4.20E-05	0.00E+00	2.00E-07	3.05E-07	4.25E-05
3053	480672.06, 3851087.39	0.02246	0.01106	0.00234	0.00356	9.56E-05	0.00E+00	1.99E-07	3.07E-07	9.62E-05	4.51E-05	3.48E-04	1.49E-05	1.12E-05	4.20E-04	4.29E-05	0.00E+00	1.99E-07	3.07E-07	4.34E-05
3054	480622.06, 3851137.39	0.0218	0.01145	0.00236	0.00355	9.28E-05	0.00E+00	2.01E-07	3.06E-07	9.33E-05	4.38E-05	3.61E-04	1.51E-05	1.12E-05	4.31E-04	4.16E-05	0.00E+00	2.01E-07	3.06E-07	4.21E-05
3055	480672.06, 3851137.39	0.02233	0.01137	0.00236	0.00357	9.51E-05	0.00E+00	2.01E-07	3.07E-07	9.56E-05	4.49E-05	3.58E-04	1.51E-05	1.13E-05	4.29E-04	4.26E-05	0.00E+00	2.01E-07	3.07E-07	4.32E-05
3056	480722.06, 3851137.39	0.02283	0.01131	0.00236	0.00359	9.72E-05	0.00E+00	2.01E-07	3.09E-07	9.77E-05	4.59E-05	3.56E-04	1.51E-05	1.13E-05	4.29E-04	4.36E-05	0.00E+00	2.01E-07	3.09E-07	4.41E-05
3057	480622.06, 3851187.39	0.02155	0.01176	0.00238	0.00357	9.18E-05	0.00E+00	2.02E-07	3.07E-07	9.23E-05	4.33E-05	3.70E-04	1.52E-05	1.13E-05	4.40E-04	4.12E-05	0.00E+00	2.02E-07	3.07E-07	4.17E-05
3058	480672.06, 3851187.39	0.02214	0.01169	0.00238	0.00358	9.43E-05	0.00E+00	2.02E-07	3.08E-07	9.48E-05	4.45E-05	3.68E-04	1.52E-05	1.13E-05	4.39E-04	4.23E-05	0.00E+00	2.02E-07	3.08E-07	4.28E-05
3059	480722.06, 3851187.39	0.02269	0.01164	0.00238	0.0036	9.66E-05	0.00E+00	2.02E-07	3.10E-07	9.71E-05	4.56E-05	3.67E-04	1.52E-05	1.14E-05	4.39E-04	4.33E-05	0.00E+00	2.02E-07	3.10E-07	4.38E-05
3060	471363.09, 3845877.25	0.00353	0.00195	0.00128	0.00181	1.50E-05	0.00E+00	1.09E-07	1.56E-07	1.53E-05	7.09E-06	6.14E-05	8.16E-06	5.71E-06	8.24E-05	6.74E-06	0.00E+00	1.09E-07	1.56E-07	7.01E-06
3061	471863.09, 3845877.25	0.00337	0.00187	0.00131	0.0018	1.44E-05	0.00E+00	1.11E-07	1.55E-07	1.46E-05	6.77E-06	5.89E-05	8.36E-06	5.68E-06	7.97E-05	6.44E-06	0.00E+00	1.11E-07	1.55E-07	6.70E-06
3062	472363.09, 3845877.25	0.00362	0.00207	0.00139	0.00179	1.54E-05	0.00E+00	1.18E-07	1.54E-07	1.57E-05	7.27E-06	6.52E-05	8.87E-06	5.65E-06	8.70E-05	6.91E-06	0.00E+00	1.18E-07	1.54E-07	7.19E-06
3063	472863.09, 3845877.25	0.00311	0.00191	0.00139	0.00175	1.32E-05	0.00E+00	1.18E-07	1.51E-07	1.35E-05	6.25E-06	6.02E-05	8.87E-06	5.53E-06	8.08E-05	5.94E-06	0.00E+00	1.18E-07	1.51E-07	6.21E-06
3064	473363.09, 3845877.25	0.00293	0.00216	0.00141	0.00173	1.25E-05	0.00E+00	1.20E-07	1.49E-07	1.27E-05	5.89E-06	6.80E-05	8.99E-06	5.46E-06	8.84E-05	5.60E-06	0.00E+00	1.20E-07	1.49E-07	5.87E-06

3065	473863.09, 3845877.25	0.00311	0.0024	0.00141	0.00172	1.32E-05	0.00E+00	1.20E-07	1.48E-07	1.35E-05	6.25E-06	7.56E-05	8.99E-06	5.43E-06	9.63E-05	5.94E-06	0.00E+00	1.20E-07	1.48E-07	6.21E-06
3066	474363.09, 3845877.25	0.00356	0.00274	0.0014	0.00174	1.52E-05	0.00E+00	1.19E-07	1.50E-07	1.54E-05	7.15E-06	8.63E-05	8.93E-06	5.49E-06	1.08E-04	6.80E-06	0.00E+00	1.19E-07	1.50E-07	7.07E-06
3067	474863.09, 3845877.25	0.00432	0.00292	0.00139	0.0018	1.84E-05	0.00E+00	1.18E-07	1.55E-07	1.87E-05	8.68E-06	9.20E-05	8.87E-06	5.68E-06	1.15E-04	8.25E-06	0.00E+00	1.18E-07	1.55E-07	8.52E-06
3068	475363.09, 3845877.25	0.00608	0.00297	0.00138	0.0019	2.59E-05	0.00E+00	1.17E-07	1.64E-07	2.62E-05	1.22E-05	9.36E-05	8.80E-06	6.00E-06	1.21E-04	1.16E-05	0.00E+00	1.17E-07	1.64E-07	1.19E-05
3069	475863.09, 3845877.25	0.00633	0.00284	0.00139	0.00193	2.70E-05	0.00E+00	1.18E-07	1.66E-07	2.72E-05	1.27E-05	8.95E-05	8.87E-06	6.09E-06	1.17E-04	1.21E-05	0.00E+00	1.18E-07	1.66E-07	1.24E-05
3070	476363.09, 3845877.25	0.00585	0.00252	0.00144	0.00191	2.49E-05	0.00E+00	1.22E-07	1.64E-07	2.52E-05	1.17E-05	7.94E-05	9.19E-06	6.03E-06	1.06E-04	1.12E-05	0.00E+00	1.22E-07	1.64E-07	1.15E-05
3071	476863.09, 3845877.25	0.00555	0.00223	0.00159	0.0019	2.36E-05	0.00E+00	1.35E-07	1.64E-07	2.39E-05	1.11E-05	7.02E-05	1.01E-05	6.00E-06	9.75E-05	1.06E-05	0.00E+00	1.35E-07	1.64E-07	1.09E-05
3072	477363.09, 3845877.25	0.00405	0.00215	0.00182	0.00191	1.72E-05	0.00E+00	1.55E-07	1.64E-07	1.76E-05	8.13E-06	6.77E-05	1.16E-05	6.03E-06	9.35E-05	7.74E-06	0.00E+00	1.55E-07	1.64E-07	8.05E-06
3073	477863.09, 3845877.25	0.00349	0.00201	0.00191	0.0019	1.49E-05	0.00E+00	1.62E-07	1.64E-07	1.52E-05	7.01E-06	6.33E-05	1.22E-05	6.00E-06	8.85E-05	6.67E-06	0.00E+00	1.62E-07	1.64E-07	6.99E-06
3074	478363.09, 3845877.25	0.00376	0.00193	0.00185	0.00191	1.60E-05	0.00E+00	1.57E-07	1.64E-07	1.63E-05	7.55E-06	6.08E-05	1.18E-05	6.03E-06	8.62E-05	7.18E-06	0.00E+00	1.57E-07	1.64E-07	7.50E-06
3075	478863.09, 3845877.25	0.00327	0.00179	0.00173	0.00194	1.39E-05	0.00E+00	1.47E-07	1.67E-07	1.42E-05	6.57E-06	5.64E-05	1.10E-05	6.13E-06	8.01E-05	6.25E-06	0.00E+00	1.47E-07	1.67E-07	6.56E-06
3076	479363.09, 3845877.25	0.00311	0.00176	0.00168	0.00198	1.32E-05	0.00E+00	1.43E-07	1.70E-07	1.36E-05	6.25E-06	5.54E-05	1.07E-05	6.25E-06	7.87E-05	5.94E-06	0.00E+00	1.43E-07	1.70E-07	6.25E-06
3077	479863.09, 3845877.25	0.00315	0.00172	0.00165	0.00205	1.34E-05	0.00E+00	1.40E-07	1.77E-07	1.37E-05	6.33E-06	5.42E-05	1.05E-05	6.47E-06	7.75E-05	6.02E-06	0.00E+00	1.40E-07	1.77E-07	6.33E-06
3078	480363.09, 3845877.25	0.00276	0.00162	0.00162	0.00212	1.18E-05	0.00E+00	1.38E-07	1.83E-07	1.21E-05	5.54E-06	5.10E-05	1.03E-05	6.69E-06	7.36E-05	5.27E-06	0.00E+00	1.38E-07	1.83E-07	5.59E-06
3079	480863.09, 3845877.25	0.0024	0.00149	0.00164	0.00218	1.02E-05	0.00E+00	1.39E-07	1.88E-07	1.05E-05	4.82E-06	4.69E-05	1.05E-05	6.88E-06	6.91E-05	4.58E-06	0.00E+00	1.39E-07	1.88E-07	4.91E-06
3080	481363.09, 3845877.25	0.00209	0.00141	0.00172	0.00218	8.90E-06	0.00E+00	1.46E-07	1.88E-07	9.23E-06	4.20E-06	4.44E-05	1.10E-05	6.88E-06	6.65E-05	3.99E-06	0.00E+00	1.46E-07	1.88E-07	4.33E-06
3081	481863.09, 3845877.25	0.00194	0.00134	0.00184	0.00214	8.26E-06	0.00E+00	1.56E-07	1.84E-07	8.60E-06	3.90E-06	4.22E-05	1.17E-05	6.76E-06	6.46E-05	3.71E-06	0.00E+00	1.56E-07	1.84E-07	4.05E-06
3082	482363.09, 3845877.25	0.00185	0.00127	0.00196	0.0021	7.88E-06	0.00E+00	1.67E-07	1.81E-07	8.23E-06	3.72E-06	4.00E-05	1.25E-05	6.63E-06	6.29E-05	3.53E-06	0.00E+00	1.67E-07	1.81E-07	3.88E-06
3083	482863.09, 3845877.25	0.00149	0.00114	0.00204	0.00207	6.35E-06	0.00E+00	1.73E-07	1.78E-07	6.70E-06	2.99E-06	3.59E-05	1.30E-05	6.54E-06	5.85E-05	2.85E-06	0.00E+00	1.73E-07	1.78E-07	3.20E-06
3084	483363.09, 3845877.25	0.00136	0.00105	0.00218	0.00202	5.79E-06	0.00E+00	1.85E-07	1.74E-07	6.15E-06	2.73E-06	3.31E-05	1.39E-05	6.38E-06	5.61E-05	2.60E-06	0.00E+00	1.85E-07	1.74E-07	2.96E-06
3085	483863.09, 3845877.25	0.00156	0.00113	0.00242	0.00211	6.64E-06	0.00E+00	2.06E-07	1.82E-07	7.03E-06	3.13E-06	3.56E-05	1.54E-05	6.66E-06	6.08E-05	2.98E-06	0.00E+00	2.06E-07	1.82E-07	3.37E-06
3086	484363.09, 3845877.25	0.00152	0.00111	0.00257	0.00212	6.47E-06	0.00E+00	2.19E-07	1.83E-07	6.87E-06	3.05E-06	3.50E-05	1.64E-05	6.69E-06	6.11E-05	2.90E-06	0.00E+00	2.19E-07	1.83E-07	3.30E-06
3087	484863.09, 3845877.25	0.00148	0.00108	0.00249	0.00209	6.30E-06	0.00E+00	2.12E-07	1.80E-07	6.69E-06	2.97E-06	3.40E-05	1.59E-05	6.60E-06	5.95E-05	2.83E-06	0.00E+00	2.12E-07	1.80E-07	3.22E-06
3088	485363.09, 3845877.25	0.0014	0.00104	0.00226	0.00205	5.96E-06	0.00E+00	1.92E-07	1.77E-07	6.33E-06	2.81E-06	3.28E-05	1.44E-05	6.47E-06	5.65E-05	2.67E-06	0.00E+00	1.92E-07	1.77E-07	3.04E-06
3089	485863.09, 3845877.25	0.00133	0.00103	0.002	0.00203	5.66E-06	0.00E+00	1.70E-07	1.75E-07	6.01E-06	2.67E-06	3.24E-05	1.28E-05	6.41E-06	5.43E-05	2.54E-06	0.00E+00	1.70E-07	1.75E-07	2.89E-06
3090	486363.09, 3845877.25	0.00129	0.00103	0.00181	0.00201	5.49E-06	0.00E+00	1.54E-07	1.73E-07	5.82E-06	2.59E-06	3.24E-05	1.15E-05	6.35E-06	5.29E-05	2.46E-06	0.00E+00	1.54E-07	1.73E-07	2.79E-06
3091	486863.09, 3845877.25	0.00118	0.00099	0.00164	0.00197	5.03E-06	0.00E+00	1.39E-07	1.70E-07	5.33E-06	2.37E-06	3.12E-05	1.05E-05	6.22E-06	5.02E-05	2.25E-06	0.00E+00	1.39E-07	1.70E-07	2.56E-06
3092	487363.09, 3845877.25	0.00115	0.00095	0.00152	0.00197	4.90E-06	0.00E+00	1.29E-07	1.70E-07	5.20E-06	2.31E-06	2.99E-05	9.70E-06	6.22E-06	4.82E-05	2.20E-06	0.00E+00	1.29E-07	1.70E-07	2.50E-06
3093	487863.09, 3845877.25	0.0011	0.0009	0.00149	0.00196	4.68E-06	0.00E+00	1.27E-07	1.69E-07	4.98E-06	2.21E-06	2.83E-05	9.50E-06	6.19E-06	4.63E-05	2.10E-06	0.00E+00	1.27E-07	1.69E-07	2.40E-06
3094	488363.09, 3845877.25	0.00108	0.00089	0.00151	0.00196	4.60E-06	0.00E+00	1.28E-07	1.69E-07	4.90E-06	2.17E-06	2.80E-05	9.63E-06	6.19E-06	4.60E-05	2.06E-06	0.00E+00	1.28E-07	1.69E-07	2.36E-06
3095	488863.09, 3845877.25	0.00117	0.00094	0.0019	0.00204	4.98E-06	0.00E+00	1.62E-07	1.76E-07	5.32E-06	2.35E-06	2.96E-05	1.21E-05	6.44E-06	5.05E-05	2.23E-06	0.00E+00	1.62E-07	1.76E-07	2.57E-06
3096	489363.09, 3845877.25	0.00117	0.00092	0.00199	0.00205	4.98E-06	0.00E+00	1.69E-07	1.77E-07	5.33E-06	2.35E-06	2.90E-05	1.27E-05	6.47E-06	5.05E-05	2.23E-06	0.00E+00	1.69E-07	1.77E-07	2.58E-06
3097	489863.09, 3845877.25	0.00115	0.00091	0.00204	0.00204	4.90E-06	0.00E+00	1.73E-07	1.76E-07	5.25E-06	2.31E-06	2.87E-05	1.30E-05	6.44E-06	5.04E-05	2.20E-06	0.00E+00	1.73E-07	1.76E-07	2.55E-06
3098	490363.09, 3845877.25	0.00109	0.0009	0.0018	0.00201	4.64E-06	0.00E+00	1.53E-07	1.73E-07	4.97E-06	2.19E-06	2.83E-05	1.15E-05	6.35E-06	4.84E-05	2.08E-06	0.00E+00	1.53E-07	1.73E-07	2.41E-06
3099	490863.09, 3845877.25	0.00101	0.00085	0.00163	0.00193	4.30E-06	0.00E+00	1.39E-07	1.66E-07	4.61E-06	2.03E-06	2.68E-05	1.04E-05	6.09E-06	4.53E-05	1.93E-06	0.00E+00	1.39E-07	1.66E-07	2.23E-06
3100	491363.09, 3845877.25	0.00107	0.0009	0.00171	0.00203	4.56E-06	0.00E+00	1.45E-07	1.75E-07	4.88E-06	2.15E-06	2.83E-05	1.09E-05	6.41E-06	4.78E-05	2.04E-06	0.00E+00	1.45E-07	1.75E-07	2.36E-06
3101	491863.09, 3845877.25	0.00114	0.00094	0.00181	0.00211	4.85E-06	0.00E+00	1.54E-07	1.82E-07	5.19E-06	2.29E-06	2.96E-05	1.15E-05	6.66E-06	5.01E-05	2.18E-06	0.00E+00	1.54E-07	1.82E-07	2.51E-06
3102	492363.09, 3845877.25	0.00114	0.00092	0.00173	0.0021	4.85E-06	0.00E+00	1.47E-07	1.81E-07	5.18E-06	2.29E-06	2.90E-05	1.10E-05	6.63E-06	4.89E-05	2.18E-06	0.00E+00	1.47E-07	1.81E-07	2.51E-06
3103	492863.09, 3845877.25	0.0013	0.00102	0.00187	0.00227	5.54E-06	0.00E+00	1.59E-07	1.95E-07	5.89E-06	2.61E-06	3.21E-05	1.19E-05	7.17E-06	5.38E-05	2.48E-06	0.00E+00	1.59E-07	1.95E-07	2.84E-06
3104	493363.09, 3845877.25	0.00138	0.00106	0.00187	0.00236	5.88E-06	0.00E+00	1.59E-07	2.03E-07	6.24E-06	2.77E-06	3.34E-05	1.19E-05	7.45E-06	5.55E-05	2.64E-06	0.00E+00	1.59E-07	2.03E-07	3.00E-06
3105	493863.09, 3845877.25	0.00148	0.0011	0.00182	0.00245	6.30E-06	0.00E+00	1.55E-07	2.11E-07	6.67E-06	2.97E-06	3.46E-05	1.16E-05	7.74E-06	5.70E-05	2.83E-06	0.00E+00	1.55E-07	2.11E-07	3.19E-06
3106	494363.09, 3845877.25	0.0016	0.00113	0.00177	0.00252	6.81E-06	0.00E+00	1.51E-07	2.17E-07	7.18E-06	3.21E-06	3.56E-05	1.13E-05	7.96E-06	5.81E-05	3.06E-06	0.00E+00	1.51E-07	2.17E-07	3.42E-06
3107	494863.09, 3845877.25	0.00166	0.00115	0.00179	0.00257	7.07E-06	0.00E+00	1.52E-07	2.21E-07	7.44E-06	3.33E-06	3.62E-05	1.14E-05	8.11E-06	5.91E-05	3.17E-06	0.00E+00	1.52E-07	2.21E-07	3.54E-06
3108	495363.09, 3845877.25	0.00177	0.00122	0.00186	0.00264	7.54E-06	0.00E+00	1.58E-07	2.27E-07	7.92E-06	3.56E-06	3.84E-05	1.19E-05	8.34E-06	6.22E-05	3.38E-06	0.00E+00	1.58E-07	2.27E-07	3.77E-06
3109	495863.09, 3845877.25	0.00187	0.00129	0.00189	0.0027	7.96E-06	0.00E+00	1.61E-07	2.32E-07	8.36E-06	3.76E-06	4.06E-05	1.21E-05	8.52E-06	6.50E-05	3.57E-06	0.00E+00	1.61E-07	2.32E-07	3.96E-06
3110	496363.09, 3845877.25	0.00195	0.00136	0.00196	0.00278	8.30E-06	0.00E+00	1.67E-07	2.39E-07	8.71E-06	3.92E-06	4.28E-05	1.25E-05	8.78E-06	6.80E-05	3.72E-06	0.00E+00	1.67E-07	2.39E-07	4.13E-06
3111	496863.09, 3845877.25	0.00201	0.00143	0.00212	0.00284	8.56E-06	0.00E+00	1.80E-07	2.45E-07	8.98E-06	4.04E-06	4.50E-05	1.35E-05	8.97E-06	7.16E-05	3.84E-06	0.00E+00	1.80E-07	2.45E-07	4.26E-06
3112	497363.09, 3845877.25	0.00211	0.00149	0.00234	0.00292	8.99E-06	0.00E+00	1.99E-07	2.51E-07	9.44E-06	4.24E-06	4.69E-05	1.49E-05	9.22E-06	7.53E-05	4.03E-06	0.00E+00	1.99E-07	2.51E-07	4.48E-06
3113	497863.09, 3845877.25	0.00224	0.00156	0.00258	0.00301	9.54E-06	0.00E+00	2.19E-07	2.59E-07	1.00E-05	4.50E-06	4.91E-05	1.65E-05	9.50E-06	7.96E-05	4.28E-06	0.00E+00	2.19E-07	2.59E-07	4.76E-06
3114	498363.09, 3845877.25	0.00236	0.00164	0.00281	0.00311	1.01E-05	0.00E+00	2.39E-07	2.68E-07	1.06E-05	4.74E-06	5.17E-05	1.79E-05	9.82E-06	8.41E-05	4.51E-06	0.00E+00	2.39E-07	2.68E-07	5.01E-06
3115	471363.09, 3846377.25	0.00499	0.00319	0.00141	0.00194	2.13E-05	0.00E+00	1.20E-07	1.67E-07	2.15E-05	1.00E-05	1.00E-04	8.99E-06	6.13E-06	1.26E-04	9.53E-06	0.00E+00	1.20E-07	1.67E-07	9.82E-06
3116	471863.09, 3846377.25	0.00474	0.00272	0.00141	0.00193	2.02E-05	0.00E+00	1.20E-07	1.66E-07	2.05E-05	9.52E-06	8.57E-05	8.99E-06	6.09E-06	1.10E-04	9.05E-06	0.00E+00	1.20E-07	1.66E-07	9.34E-06
3117	472363.09, 3846377.25	0.00367	0.00198	0.00135	0.00188	1.56E-05	0.00E+00	1.15E-07	1.62E-07	1.59E-05	7.37E-06	6.24E-05	8.61E-06	5.94E-06	8.43E-05	7.01E-06	0.00E+00	1.15E-07	1.62E-07	7.29E-06
3118	472863.09, 3846377.25	0.00366	0.00205	0.00141	0.00186	1.56E-05	0.00E+00	1.20E-07	1.60E-07	1.59E-05	7.35E-06	6.46E-05	8.99E-06	5.87E-06	8.68E-05	6.99E-06	0.00E+00	1.20E-07	1.60E-07	7.27E-06
3119	473363.09, 3846377.25	0.00365	0.00218	0.00145	0.00184	1.55E-05	0.00E+00	1.23E-07	1.58E-07	1.58E-05	7.33E-06	6.87E-05	9.25E-06	5.81E-06	9.11E-05	6.97E-06	0.00E+00	1.23E-07	1.58E-07	7.25E-06
3120	473863.09, 3846377.25	0.00354	0.00259	0.00149	0.00182	1.51E-05	0.00E+00	1.27E-07	1.57E-07	1.54E-05	7.11E-06	8.16E-05	9.50E-06	5.75E-06	1.04E-04	6.76E-06	0.00E+00	1.27E-07	1.57E-07	7.04E-06
3121	474363.09, 3846377.25	0.00367	0.00295	0.00149	0.00181	1.56E-05	0.00E+00	1.27E-07	1.56E-07	1.59E-05	7.37E-06	9.29E-05	9.50E-06	5.71E-06	1.16E-04	7.01E-06	0.00E+00	1.27E-07	1.56E-07	7.29E-06
3122	474863.09, 3846377.25	0.00418	0.00327	0.00148	0.00184	1.78E-05	0.00E+00	1.26E-07	1.58E-07	1.81E-05	8.40E-06	1.03E-04	9.44E-06	5.81E-06	1.27E-04	7.98E-06	0.00E+00	1.26E-07	1.58E-07	8.27E-06
3123	475363.09, 3846377.25	0.00498	0.00334	0.00146	0.00193	2.12E-05	0.00E+00	1.24E-07	1.66E-07	2.15E-05	1.00E-05	1.05E-04	9.31E-06	6.09E-06	1.31E-04	9.51E-06	0.00E+00	1.24E-07	1.66E-07	9.80E-06

3124	475863.09, 3846377.25	0.00692	0.00335	0.00145	0.00203	2.95E-05	0.00E+00	1.23E-07	1.75E-07	2.98E-05	1.39E-05	1.06E-04	9.25E-06	6.41E-06	1.35E-04	1.32E-05	0.00E+00	1.23E-07	1.75E-07	1.35E-05
3125	476363.09, 3846377.25	0.00694	0.00305	0.00145	0.00203	2.96E-05	0.00E+00	1.23E-07	1.75E-07	2.99E-05	1.39E-05	9.61E-05	9.25E-06	6.41E-06	1.26E-04	1.33E-05	0.00E+00	1.23E-07	1.75E-07	1.36E-05
3126	476863.09, 3846377.25	0.00647	0.00265	0.00152	0.002	2.76E-05	0.00E+00	1.29E-07	1.72E-07	2.79E-05	1.30E-05	8.35E-05	9.70E-06	6.31E-06	1.12E-04	1.24E-05	0.00E+00	1.29E-07	1.72E-07	1.27E-05
3127	477363.09, 3846377.25	0.006	0.00243	0.00171	0.002	2.56E-05	0.00E+00	1.45E-07	1.72E-07	2.59E-05	1.21E-05	7.65E-05	1.09E-05	6.31E-06	1.06E-04	1.15E-05	0.00E+00	1.45E-07	1.72E-07	1.18E-05
3128	477863.09, 3846377.25	0.0042	0.00229	0.00195	0.00201	1.79E-05	0.00E+00	1.66E-07	1.73E-07	1.82E-05	8.44E-06	7.21E-05	1.24E-05	6.35E-06	9.94E-05	8.02E-06	0.00E+00	1.66E-07	1.73E-07	8.36E-06
3129	478363.09, 3846377.25	0.00399	0.00217	0.00205	0.00203	1.70E-05	0.00E+00	1.74E-07	1.75E-07	1.73E-05	8.01E-06	6.84E-05	1.31E-05	6.41E-06	9.59E-05	7.62E-06	0.00E+00	1.74E-07	1.75E-07	7.97E-06
3130	478863.09, 3846377.25	0.0042	0.00209	0.00197	0.00204	1.79E-05	0.00E+00	1.68E-07	1.76E-07	1.82E-05	8.44E-06	6.58E-05	1.26E-05	6.44E-06	9.33E-05	8.02E-06	0.00E+00	1.68E-07	1.76E-07	8.36E-06
3131	479363.09, 3846377.25	0.00367	0.00197	0.00181	0.00206	1.56E-05	0.00E+00	1.54E-07	1.77E-07	1.60E-05	7.37E-06	6.21E-05	1.15E-05	6.50E-06	8.75E-05	7.01E-06	0.00E+00	1.54E-07	1.77E-07	7.34E-06
3132	479863.09, 3846377.25	0.0034	0.00186	0.00174	0.00211	1.45E-05	0.00E+00	1.48E-07	1.82E-07	1.48E-05	6.83E-06	5.86E-05	1.11E-05	6.66E-06	8.32E-05	6.49E-06	0.00E+00	1.48E-07	1.82E-07	6.82E-06
3133	480363.09, 3846377.25	0.00354	0.00189	0.00173	0.0022	1.51E-05	0.00E+00	1.47E-07	1.89E-07	1.54E-05	7.11E-06	5.95E-05	1.10E-05	6.95E-06	8.46E-05	6.76E-06	0.00E+00	1.47E-07	1.89E-07	7.10E-06
3134	480863.09, 3846377.25	0.00288	0.00169	0.00171	0.00226	1.23E-05	0.00E+00	1.45E-07	1.95E-07	1.26E-05	5.78E-06	5.32E-05	1.09E-05	7.14E-06	7.71E-05	5.50E-06	0.00E+00	1.45E-07	1.95E-07	5.84E-06
3135	481363.09, 3846377.25	0.00256	0.00158	0.00176	0.0023	1.09E-05	0.00E+00	1.50E-07	1.98E-07	1.12E-05	5.14E-06	4.98E-05	1.12E-05	7.26E-06	7.34E-05	4.89E-06	0.00E+00	1.50E-07	1.98E-07	5.24E-06
3136	481863.09, 3846377.25	0.0022	0.0015	0.00185	0.00226	9.37E-06	0.00E+00	1.57E-07	1.95E-07	9.72E-06	4.42E-06	4.72E-05	1.18E-05	7.14E-06	7.06E-05	4.20E-06	0.00E+00	1.57E-07	1.95E-07	4.55E-06
3137	482363.09, 3846377.25	0.00207	0.00139	0.00198	0.0022	8.82E-06	0.00E+00	1.68E-07	1.89E-07	9.17E-06	4.16E-06	4.38E-05	1.26E-05	6.95E-06	6.75E-05	3.95E-06	0.00E+00	1.68E-07	1.89E-07	4.31E-06
3138	482863.09, 3846377.25	0.00175	0.00127	0.00209	0.00217	7.45E-06	0.00E+00	1.78E-07	1.87E-07	7.82E-06	3.51E-06	4.00E-05	1.33E-05	6.85E-06	6.37E-05	3.34E-06	0.00E+00	1.78E-07	1.87E-07	3.71E-06
3139	483363.09, 3846377.25	0.0018	0.00127	0.00226	0.00219	7.67E-06	0.00E+00	1.92E-07	1.89E-07	8.05E-06	3.62E-06	4.00E-05	1.44E-05	6.91E-06	6.50E-05	3.44E-06	0.00E+00	1.92E-07	1.89E-07	3.82E-06
3140	483863.09, 3846377.25	0.00176	0.00124	0.00248	0.00221	7.50E-06	0.00E+00	2.11E-07	1.90E-07	7.90E-06	3.54E-06	3.91E-05	1.58E-05	6.98E-06	6.54E-05	3.36E-06	0.00E+00	2.11E-07	1.90E-07	3.76E-06
3141	484363.09, 3846377.25	0.0016	0.00117	0.00262	0.00221	6.81E-06	0.00E+00	2.23E-07	1.90E-07	7.23E-06	3.21E-06	3.69E-05	1.67E-05	6.98E-06	6.38E-05	3.06E-06	0.00E+00	2.23E-07	1.90E-07	3.47E-06
3142	484863.09, 3846377.25	0.00171	0.0012	0.0027	0.00222	7.28E-06	0.00E+00	2.30E-07	1.91E-07	7.70E-06	3.43E-06	3.78E-05	1.72E-05	7.01E-06	6.55E-05	3.27E-06	0.00E+00	2.30E-07	1.91E-07	3.69E-06
3143	485363.09, 3846377.25	0.00167	0.00118	0.00254	0.0022	7.11E-06	0.00E+00	2.16E-07	1.89E-07	7.52E-06	3.35E-06	3.72E-05	1.62E-05	6.95E-06	6.37E-05	3.19E-06	0.00E+00	2.16E-07	1.89E-07	3.60E-06
3144	485863.09, 3846377.25	0.00149	0.00112	0.00217	0.00215	6.35E-06	0.00E+00	1.85E-07	1.85E-07	6.72E-06	2.99E-06	3.53E-05	1.38E-05	6.79E-06	5.89E-05	2.85E-06	0.00E+00	1.85E-07	1.85E-07	3.22E-06
3145	486363.09, 3846377.25	0.00128	0.00105	0.00189	0.00208	5.45E-06	0.00E+00	1.61E-07	1.79E-07	5.79E-06	2.57E-06	3.31E-05	1.21E-05	6.57E-06	5.43E-05	2.44E-06	0.00E+00	1.61E-07	1.79E-07	2.78E-06
3146	486863.09, 3846377.25	0.00122	0.00103	0.0017	0.00205	5.20E-06	0.00E+00	1.45E-07	1.77E-07	5.52E-06	2.45E-06	3.24E-05	1.08E-05	6.47E-06	5.22E-05	2.33E-06	0.00E+00	1.45E-07	1.77E-07	2.65E-06
3147	487363.09, 3846377.25	0.00123	0.001	0.00162	0.00208	5.24E-06	0.00E+00	1.38E-07	1.79E-07	5.56E-06	2.47E-06	3.15E-05	1.03E-05	6.57E-06	5.09E-05	2.35E-06	0.00E+00	1.38E-07	1.79E-07	2.67E-06
3148	487863.09, 3846377.25	0.00132	0.00103	0.00167	0.00213	5.62E-06	0.00E+00	1.42E-07	1.83E-07	5.95E-06	2.65E-06	3.24E-05	1.07E-05	6.73E-06	5.25E-05	2.52E-06	0.00E+00	1.42E-07	1.83E-07	2.85E-06
3149	488363.09, 3846377.25	0.00131	0.00102	0.00184	0.00215	5.58E-06	0.00E+00	1.56E-07	1.85E-07	5.92E-06	2.63E-06	3.21E-05	1.17E-05	6.79E-06	5.33E-05	2.50E-06	0.00E+00	1.56E-07	1.85E-07	2.84E-06
3150	488863.09, 3846377.25	0.00127	0.00101	0.00206	0.00216	5.41E-06	0.00E+00	1.75E-07	1.86E-07	5.77E-06	2.55E-06	3.18E-05	1.31E-05	6.82E-06	5.43E-05	2.43E-06	0.00E+00	1.75E-07	1.86E-07	2.79E-06
3151	489363.09, 3846377.25	0.00128	0.00099	0.00226	0.00217	5.45E-06	0.00E+00	1.92E-07	1.87E-07	5.83E-06	2.57E-06	3.12E-05	1.44E-05	6.85E-06	5.50E-05	2.44E-06	0.00E+00	1.92E-07	1.87E-07	2.82E-06
3152	489863.09, 3846377.25	0.00126	0.001	0.00215	0.00217	5.37E-06	0.00E+00	1.83E-07	1.87E-07	5.74E-06	2.53E-06	3.15E-05	1.37E-05	6.85E-06	5.46E-05	2.41E-06	0.00E+00	1.83E-07	1.87E-07	2.78E-06
3153	490363.09, 3846377.25	0.00114	0.00094	0.00183	0.0021	4.85E-06	0.00E+00	1.56E-07	1.81E-07	5.19E-06	2.29E-06	2.96E-05	1.17E-05	6.63E-06	5.02E-05	2.18E-06	0.00E+00	1.56E-07	1.81E-07	2.51E-06
3154	490863.09, 3846377.25	0.00111	0.00093	0.00176	0.0021	4.73E-06	0.00E+00	1.50E-07	1.81E-07	5.06E-06	2.23E-06	2.93E-05	1.12E-05	6.63E-06	4.94E-05	2.12E-06	0.00E+00	1.50E-07	1.81E-07	2.45E-06
3155	491363.09, 3846377.25	0.00113	0.00094	0.00177	0.00214	4.81E-06	0.00E+00	1.51E-07	1.84E-07	5.15E-06	2.27E-06	2.96E-05	1.13E-05	6.76E-06	4.99E-05	2.16E-06	0.00E+00	1.51E-07	1.84E-07	2.49E-06
3156	491863.09, 3846377.25	0.00129	0.00103	0.00195	0.00228	5.49E-06	0.00E+00	1.66E-07	1.96E-07	5.86E-06	2.59E-06	3.24E-05	1.24E-05	7.20E-06	5.47E-05	2.46E-06	0.00E+00	1.66E-07	1.96E-07	2.83E-06
3157	492363.09, 3846377.25	0.00133	0.00105	0.00195	0.00234	5.66E-06	0.00E+00	1.66E-07	2.01E-07	6.03E-06	2.67E-06	3.31E-05	1.24E-05	7.39E-06	5.56E-05	2.54E-06	0.00E+00	1.66E-07	2.01E-07	2.91E-06
3158	492863.09, 3846377.25	0.00139	0.00108	0.00193	0.00243	5.92E-06	0.00E+00	1.64E-07	2.09E-07	6.29E-06	2.79E-06	3.40E-05	1.23E-05	7.67E-06	5.68E-05	2.65E-06	0.00E+00	1.64E-07	2.09E-07	3.03E-06
3159	493363.09, 3846377.25	0.00152	0.00114	0.00192	0.00254	6.47E-06	0.00E+00	1.63E-07	2.19E-07	6.86E-06	3.05E-06	3.59E-05	1.22E-05	8.02E-06	5.92E-05	2.90E-06	0.00E+00	1.63E-07	2.19E-07	3.29E-06
3160	493863.09, 3846377.25	0.00164	0.00118	0.00186	0.00263	6.98E-06	0.00E+00	1.58E-07	2.26E-07	7.37E-06	3.29E-06	3.72E-05	1.19E-05	8.30E-06	6.06E-05	3.13E-06	0.00E+00	1.58E-07	2.26E-07	3.52E-06
3161	494363.09, 3846377.25	0.00176	0.00121	0.00185	0.0027	7.50E-06	0.00E+00	1.57E-07	2.32E-07	7.89E-06	3.54E-06	3.81E-05	1.18E-05	8.52E-06	6.20E-05	3.36E-06	0.00E+00	1.57E-07	2.32E-07	3.75E-06
3162	494863.09, 3846377.25	0.00187	0.00127	0.00193	0.00277	7.96E-06	0.00E+00	1.64E-07	2.39E-07	8.37E-06	3.76E-06	4.00E-05	1.23E-05	8.75E-06	6.48E-05	3.57E-06	0.00E+00	1.64E-07	2.39E-07	3.97E-06
3163	495363.09, 3846377.25	0.00196	0.00134	0.00196	0.00283	8.35E-06	0.00E+00	1.67E-07	2.44E-07	8.76E-06	3.94E-06	4.22E-05	1.25E-05	8.94E-06	6.76E-05	3.74E-06	0.00E+00	1.67E-07	2.44E-07	4.15E-06
3164	495863.09, 3846377.25	0.00206	0.00143	0.00201	0.00292	8.77E-06	0.00E+00	1.71E-07	2.51E-07	9.20E-06	4.14E-06	4.50E-05	1.28E-05	9.22E-06	7.12E-05	3.93E-06	0.00E+00	1.71E-07	2.51E-07	4.36E-06
3165	496363.09, 3846377.25	0.00216	0.00152	0.00215	0.003	9.20E-06	0.00E+00	1.83E-07	2.58E-07	9.64E-06	4.34E-06	4.79E-05	1.37E-05	9.47E-06	7.54E-05	4.13E-06	0.00E+00	1.83E-07	2.58E-07	4.57E-06
3166	496863.09, 3846377.25	0.0023	0.0016	0.00238	0.00309	9.79E-06	0.00E+00	2.02E-07	2.66E-07	1.03E-05	4.62E-06	5.04E-05	1.52E-05	9.76E-06	8.00E-05	4.39E-06	0.00E+00	2.02E-07	2.66E-07	4.86E-06
3167	497363.09, 3846377.25	0.00245	0.00169	0.00267	0.00318	1.04E-05	0.00E+00	2.27E-07	2.74E-07	1.09E-05	4.92E-06	5.32E-05	1.70E-05	1.00E-05	8.52E-05	4.68E-06	0.00E+00	2.27E-07	2.74E-07	5.18E-06
3168	497863.09, 3846377.25	0.0026	0.00177	0.00295	0.00329	1.11E-05	0.00E+00	2.51E-07	2.83E-07	1.16E-05	5.22E-06	5.58E-05	1.88E-05	1.04E-05	9.02E-05	4.97E-06	0.00E+00	2.51E-07	2.83E-07	5.50E-06
3169	498363.09, 3846377.25	0.00274	0.00187	0.00316	0.0034	1.17E-05	0.00E+00	2.69E-07	2.93E-07	1.22E-05	5.50E-06	5.89E-05	2.02E-05	1.07E-05	9.53E-05	5.23E-06	0.00E+00	2.69E-07	2.93E-07	5.79E-06
3170	471363.09, 3846877.25	0.00562	0.00366	0.00145	0.00199	2.39E-05	0.00E+00	1.23E-07	1.71E-07	2.42E-05	1.13E-05	1.15E-04	9.25E-06	6.28E-06	1.42E-04	1.07E-05	0.00E+00	1.23E-07	1.71E-07	1.10E-05
3171	471863.09, 3846877.25	0.00553	0.00355	0.00146	0.00202	2.36E-05	0.00E+00	1.24E-07	1.74E-07	2.38E-05	1.11E-05	1.12E-04	9.31E-06	6.38E-06	1.39E-04	1.06E-05	0.00E+00	1.24E-07	1.74E-07	1.09E-05
3172	472363.09, 3846877.25	0.00532	0.00317	0.00147	0.00203	2.27E-05	0.00E+00	1.25E-07	1.75E-07	2.30E-05	1.07E-05	9.99E-05	9.38E-06	6.41E-06	1.26E-04	1.02E-05	0.00E+00	1.25E-07	1.75E-07	1.05E-05
3173	472863.09, 3846877.25	0.00393	0.00209	0.00139	0.00196	1.67E-05	0.00E+00	1.18E-07	1.69E-07	1.70E-05	7.89E-06	6.58E-05	8.87E-06	6.19E-06	8.88E-05	7.51E-06	0.00E+00	1.18E-07	1.69E-07	7.79E-06
3174	473363.09, 3846877.25	0.0042	0.00228	0.00146	0.00195	1.79E-05	0.00E+00	1.24E-07	1.68E-07	1.82E-05	8.44E-06	7.18E-05	9.31E-06	6.16E-06	9.57E-05	8.02E-06	0.00E+00	1.24E-07	1.68E-07	8.31E-06
3175	473863.09, 3846877.25	0.00447	0.00266	0.00153	0.00194	1.90E-05	0.00E+00	1.30E-07	1.67E-07	1.93E-05	8.98E-06	8.38E-05	9.76E-06	6.13E-06	1.09E-04	8.54E-06	0.00E+00	1.30E-07	1.67E-07	8.83E-06
3176	474363.09, 3846877.25	0.00416	0.003	0.00156	0.00191	1.77E-05	0.00E+00	1.33E-07	1.64E-07	1.80E-05	8.36E-06	9.45E-05	9.95E-06	6.03E-06	1.19E-04	7.95E-06	0.00E+00	1.33E-07	1.64E-07	8.24E-06
3177	474863.09, 3846877.25	0.00408	0.00333	0.00157	0.0019	1.74E-05	0.00E+00	1.34E-07	1.64E-07	1.77E-05	8.19E-06	1.05E-04	1.00E-05	6.00E-06	1.29E-04	7.79E-06	0.00E+00	1.34E-07	1.64E-07	8.09E-06
3178	475363.09, 3846877.25	0.00444	0.00341	0.00155	0.00193	1.89E-05	0.00E+00	1.32E-07	1.66E-07	1.92E-05	8.92E-06	1.07E-04	9.89E-06	6.09E-06	1.32E-04	8.48E-06	0.00E+00	1.32E-07	1.66E-07	8.78E-06
3179	475863.09, 3846877.25	0.00552	0.00367	0.00153	0.00204	2.35E-05	0.00E+00	1.30E-07	1.76E-07	2.38E-05	1.11E-05	1.16E-04	9.76E-06	6.44E-06	1.43E-04	1.05E-05	0.00E+00	1.30E-07	1.76E-07	1.08E-05
3180	476363.09, 3846877.25	0.00755	0.0036	0.00152	0.00214	3.22E-05	0.00E+00	1.29E-07	1.84E-07	3.25E-05	1.52E-05	1.13E-04	9.70E-06	6.76E-06	1.45E-04	1.44E-05	0.00E+00	1.29E-07	1.84E-07	1.47E-05
3181	476863.09, 3846877.25	0.00762	0.00329	0.00152	0.00213	3.25E-05	0.00E+00	1.29E-07	1.83E-07	3.28E-05	1.53E-05	1.04E-04	9.70E-06	6.73E-06	1.35E-04	1.46E-05	0.00E+00	1.29E-07	1.83E-07	1.49E-05
3182	477363.09, 3846877.25	0.00724	0.00283	0.0016	0.00211	3.08E-05	0.00E+00	1.36E-07	1.82E-07	3.12E-05	1.45E-05	8.91E-05	1.02E-05	6.66E-06	1.21E-04	1.38E-05	0.00E+00	1.36E-07	1.82E-07	1.41E-05

3183	477863.09, 3846877.25	0.0063	0.00261	0.00183	0.00212	2.68E-05	0.00E+00	1.56E-07	1.83E-07	2.72E-05	1.27E-05	8.22E-05	1.17E-05	6.69E-06	1.13E-04	1.20E-05	0.00E+00	1.56E-07	1.83E-07	1.24E-05
3184	478363.09, 3846877.25	0.0046	0.00252	0.00215	0.00215	1.96E-05	0.00E+00	1.83E-07	1.85E-07	2.00E-05	9.24E-06	7.94E-05	1.37E-05	6.79E-06	1.09E-04	8.79E-06	0.00E+00	1.83E-07	1.85E-07	9.15E-06
3185	478863.09, 3846877.25	0.00487	0.00248	0.00231	0.00217	2.07E-05	0.00E+00	1.96E-07	1.87E-07	2.11E-05	9.78E-06	7.81E-05	1.47E-05	6.85E-06	1.09E-04	9.30E-06	0.00E+00	1.96E-07	1.87E-07	9.68E-06
3186	479363.09, 3846877.25	0.00457	0.00224	0.00207	0.00217	1.95E-05	0.00E+00	1.76E-07	1.87E-07	1.98E-05	9.18E-06	7.06E-05	1.32E-05	6.85E-06	9.98E-05	8.73E-06	0.00E+00	1.76E-07	1.87E-07	9.09E-06
3187	479863.09, 3846877.25	0.00343	0.0019	0.00182	0.00216	1.46E-05	0.00E+00	1.55E-07	1.86E-07	1.49E-05	6.89E-06	5.98E-05	1.16E-05	6.82E-06	8.52E-05	6.55E-06	0.00E+00	1.55E-07	1.86E-07	6.89E-06
3188	480363.09, 3846877.25	0.00301	0.00176	0.00175	0.00223	1.28E-05	0.00E+00	1.49E-07	1.92E-07	1.32E-05	6.05E-06	5.54E-05	1.12E-05	7.04E-06	7.97E-05	5.75E-06	0.00E+00	1.49E-07	1.92E-07	6.09E-06
3189	480863.09, 3846877.25	0.00284	0.00168	0.00173	0.00231	1.21E-05	0.00E+00	1.47E-07	1.99E-07	1.24E-05	5.70E-06	5.29E-05	1.10E-05	7.29E-06	7.70E-05	5.42E-06	0.00E+00	1.47E-07	1.99E-07	5.77E-06
3190	481363.09, 3846877.25	0.00277	0.00166	0.00178	0.00238	1.18E-05	0.00E+00	1.51E-07	2.05E-07	1.22E-05	5.56E-06	5.23E-05	1.14E-05	7.51E-06	7.67E-05	5.29E-06	0.00E+00	1.51E-07	2.05E-07	5.65E-06
3191	481863.09, 3846877.25	0.00247	0.00162	0.00187	0.00237	1.05E-05	0.00E+00	1.59E-07	2.04E-07	1.09E-05	4.96E-06	5.10E-05	1.19E-05	7.48E-06	7.54E-05	4.72E-06	0.00E+00	1.59E-07	2.04E-07	5.08E-06
3192	482363.09, 3846877.25	0.0022	0.00147	0.00199	0.00231	9.37E-06	0.00E+00	1.69E-07	1.99E-07	9.74E-06	4.42E-06	4.63E-05	1.27E-05	7.29E-06	7.07E-05	4.20E-06	0.00E+00	1.69E-07	1.99E-07	4.57E-06
3193	482863.09, 3846877.25	0.00216	0.00143	0.00214	0.00228	9.20E-06	0.00E+00	1.82E-07	1.96E-07	9.58E-06	4.34E-06	4.50E-05	1.37E-05	7.20E-06	7.02E-05	4.13E-06	0.00E+00	1.82E-07	1.96E-07	4.50E-06
3194	483363.09, 3846877.25	0.0021	0.00139	0.00232	0.00229	8.94E-06	0.00E+00	1.97E-07	1.97E-07	9.34E-06	4.22E-06	4.38E-05	1.48E-05	7.23E-06	7.00E-05	4.01E-06	0.00E+00	1.97E-07	1.97E-07	4.41E-06
3195	483863.09, 3846877.25	0.00205	0.00136	0.00251	0.00232	8.73E-06	0.00E+00	2.13E-07	2.00E-07	9.14E-06	4.12E-06	4.28E-05	1.60E-05	7.33E-06	7.03E-05	3.92E-06	0.00E+00	2.13E-07	2.00E-07	4.33E-06
3196	484363.09, 3846877.25	0.00195	0.00134	0.00273	0.00234	8.30E-06	0.00E+00	2.32E-07	2.01E-07	8.74E-06	3.92E-06	4.22E-05	1.74E-05	7.39E-06	7.09E-05	3.72E-06	0.00E+00	2.32E-07	2.01E-07	4.16E-06
3197	484863.09, 3846877.25	0.00189	0.0013	0.00284	0.00234	8.05E-06	0.00E+00	2.42E-07	2.01E-07	8.49E-06	3.80E-06	4.09E-05	1.81E-05	7.39E-06	7.02E-05	3.61E-06	0.00E+00	2.42E-07	2.01E-07	4.05E-06
3198	485363.09, 3846877.25	0.00186	0.00128	0.00273	0.00232	7.92E-06	0.00E+00	2.32E-07	2.00E-07	8.35E-06	3.74E-06	4.03E-05	1.74E-05	7.33E-06	6.88E-05	3.55E-06	0.00E+00	2.32E-07	2.00E-07	3.98E-06
3199	485863.09, 3846877.25	0.00167	0.00123	0.00236	0.00227	7.11E-06	0.00E+00	2.01E-07	1.95E-07	7.51E-06	3.35E-06	3.87E-05	1.51E-05	7.17E-06	6.43E-05	3.19E-06	0.00E+00	2.01E-07	1.95E-07	3.59E-06
3200	486363.09, 3846877.25	0.00167	0.00126	0.00211	0.00225	7.11E-06	0.00E+00	1.79E-07	1.94E-07	7.49E-06	3.35E-06	3.97E-05	1.35E-05	7.10E-06	6.36E-05	3.19E-06	0.00E+00	1.79E-07	1.94E-07	3.56E-06
3201	486863.09, 3846877.25	0.00147	0.00117	0.00189	0.00221	6.26E-06	0.00E+00	1.61E-07	1.90E-07	6.61E-06	2.95E-06	3.69E-05	1.21E-05	6.98E-06	5.88E-05	2.81E-06	0.00E+00	1.61E-07	1.90E-07	3.16E-06
3202	487363.09, 3846877.25	0.00148	0.00114	0.00177	0.00223	6.30E-06	0.00E+00	1.51E-07	1.92E-07	6.65E-06	2.97E-06	3.59E-05	1.13E-05	7.04E-06	5.72E-05	2.83E-06	0.00E+00	1.51E-07	1.92E-07	3.17E-06
3203	487863.09, 3846877.25	0.00147	0.00111	0.0018	0.00224	6.26E-06	0.00E+00	1.53E-07	1.93E-07	6.61E-06	2.95E-06	3.50E-05	1.15E-05	7.07E-06	5.65E-05	2.81E-06	0.00E+00	1.53E-07	1.93E-07	3.15E-06
3204	488363.09, 3846877.25	0.00142	0.0011	0.00193	0.00226	6.05E-06	0.00E+00	1.64E-07	1.95E-07	6.41E-06	2.85E-06	3.46E-05	1.23E-05	7.14E-06	5.69E-05	2.71E-06	0.00E+00	1.64E-07	1.95E-07	3.07E-06
3205	488863.09, 3846877.25	0.0014	0.00109	0.00217	0.00229	5.96E-06	0.00E+00	1.85E-07	1.97E-07	6.34E-06	2.81E-06	3.43E-05	1.38E-05	7.23E-06	5.82E-05	2.67E-06	0.00E+00	1.85E-07	1.97E-07	3.06E-06
3206	489363.09, 3846877.25	0.00143	0.00109	0.00238	0.00231	6.09E-06	0.00E+00	2.02E-07	1.99E-07	6.49E-06	2.87E-06	3.43E-05	1.52E-05	7.29E-06	5.97E-05	2.73E-06	0.00E+00	2.02E-07	1.99E-07	3.13E-06
3207	489863.09, 3846877.25	0.00139	0.0011	0.00244	0.00232	5.92E-06	0.00E+00	2.08E-07	2.00E-07	6.33E-06	2.79E-06	3.46E-05	1.56E-05	7.33E-06	6.03E-05	2.65E-06	0.00E+00	2.08E-07	2.00E-07	3.06E-06
3208	490363.09, 3846877.25	0.00127	0.00105	0.00214	0.00229	5.41E-06	0.00E+00	1.82E-07	1.97E-07	5.79E-06	2.55E-06	3.31E-05	1.37E-05	7.23E-06	5.65E-05	2.43E-06	0.00E+00	1.82E-07	1.97E-07	2.80E-06
3209	490863.09, 3846877.25	0.00127	0.00104	0.00201	0.0023	5.41E-06	0.00E+00	1.71E-07	1.98E-07	5.78E-06	2.55E-06	3.28E-05	1.28E-05	7.26E-06	5.54E-05	2.43E-06	0.00E+00	1.71E-07	1.98E-07	2.79E-06
3210	491363.09, 3846877.25	0.00134	0.00107	0.00199	0.00237	5.71E-06	0.00E+00	1.69E-07	2.04E-07	6.08E-06	2.69E-06	3.37E-05	1.27E-05	7.48E-06	5.66E-05	2.56E-06	0.00E+00	1.69E-07	2.04E-07	2.93E-06
3211	491863.09, 3846877.25	0.00138	0.00108	0.002	0.00242	5.88E-06	0.00E+00	1.70E-07	2.08E-07	6.26E-06	2.77E-06	3.40E-05	1.28E-05	7.64E-06	5.72E-05	2.64E-06	0.00E+00	1.70E-07	2.08E-07	3.01E-06
3212	492363.09, 3846877.25	0.00154	0.00118	0.00213	0.00258	6.56E-06	0.00E+00	1.81E-07	2.22E-07	6.96E-06	3.09E-06	3.72E-05	1.36E-05	8.15E-06	6.20E-05	2.94E-06	0.00E+00	1.81E-07	2.22E-07	3.34E-06
3213	492863.09, 3846877.25	0.00161	0.00121	0.00207	0.00267	6.86E-06	0.00E+00	1.76E-07	2.30E-07	7.26E-06	3.23E-06	3.81E-05	1.32E-05	8.43E-06	6.30E-05	3.08E-06	0.00E+00	1.76E-07	2.30E-07	3.48E-06
3214	493363.09, 3846877.25	0.00175	0.00126	0.002	0.00277	7.45E-06	0.00E+00	1.70E-07	2.39E-07	7.86E-06	3.51E-06	3.97E-05	1.28E-05	8.75E-06	6.47E-05	3.34E-06	0.00E+00	1.70E-07	2.39E-07	3.75E-06
3215	493863.09, 3846877.25	0.00186	0.00129	0.00198	0.00284	7.92E-06	0.00E+00	1.68E-07	2.45E-07	8.33E-06	3.74E-06	4.06E-05	1.26E-05	8.97E-06	6.60E-05	3.55E-06	0.00E+00	1.68E-07	2.45E-07	3.97E-06
3216	494363.09, 3846877.25	0.00197	0.00133	0.00199	0.00291	8.39E-06	0.00E+00	1.69E-07	2.51E-07	8.81E-06	3.96E-06	4.19E-05	1.27E-05	9.19E-06	6.77E-05	3.76E-06	0.00E+00	1.69E-07	2.51E-07	4.18E-06
3217	494863.09, 3846877.25	0.00206	0.0014	0.00203	0.00297	8.77E-06	0.00E+00	1.73E-07	2.56E-07	9.20E-06	4.14E-06	4.41E-05	1.29E-05	9.38E-06	7.06E-05	3.93E-06	0.00E+00	1.73E-07	2.56E-07	4.36E-06
3218	495363.09, 3846877.25	0.00213	0.00148	0.00207	0.00305	9.07E-06	0.00E+00	1.76E-07	2.63E-07	9.51E-06	4.28E-06	4.66E-05	1.32E-05	9.63E-06	7.37E-05	4.07E-06	0.00E+00	1.76E-07	2.63E-07	4.51E-06
3219	495863.09, 3846877.25	0.00222	0.00156	0.00218	0.00314	9.45E-06	0.00E+00	1.85E-07	2.70E-07	9.91E-06	4.46E-06	4.91E-05	1.39E-05	9.91E-06	7.74E-05	4.24E-06	0.00E+00	1.85E-07	2.70E-07	4.70E-06
3220	496363.09, 3846877.25	0.00237	0.00165	0.00241	0.00324	1.01E-05	0.00E+00	2.05E-07	2.79E-07	1.06E-05	4.76E-06	5.20E-05	1.54E-05	1.02E-05	8.23E-05	4.53E-06	0.00E+00	2.05E-07	2.79E-07	5.01E-06
3221	496863.09, 3846877.25	0.00257	0.00175	0.00269	0.00335	1.09E-05	0.00E+00	2.29E-07	2.88E-07	1.15E-05	5.16E-06	5.51E-05	1.72E-05	1.06E-05	8.80E-05	4.91E-06	0.00E+00	2.29E-07	2.88E-07	5.43E-06
3222	497363.09, 3846877.25	0.00282	0.00189	0.00303	0.00348	1.20E-05	0.00E+00	2.58E-07	3.00E-07	1.26E-05	5.66E-06	5.95E-05	1.93E-05	1.10E-05	9.55E-05	5.39E-06	0.00E+00	2.58E-07	3.00E-07	5.94E-06
3223	497863.09, 3846877.25	0.00308	0.00203	0.0034	0.0036	1.31E-05	0.00E+00	2.89E-07	3.10E-07	1.37E-05	6.19E-06	6.39E-05	2.17E-05	1.14E-05	1.03E-04	5.88E-06	0.00E+00	2.89E-07	3.10E-07	6.48E-06
3224	498363.09, 3846877.25	0.00323	0.00212	0.00361	0.00372	1.38E-05	0.00E+00	3.07E-07	3.20E-07	1.44E-05	6.49E-06	6.68E-05	2.30E-05	1.17E-05	1.08E-04	6.17E-06	0.00E+00	3.07E-07	3.20E-07	6.80E-06
3225	471363.09, 3847377.25	0.00598	0.00395	0.00157	0.00205	2.55E-05	0.00E+00	1.34E-07	1.77E-07	2.58E-05	1.20E-05	1.24E-04	1.00E-05	6.47E-06	1.53E-04	1.14E-05	0.00E+00	1.34E-07	1.77E-07	1.17E-05
3226	471863.09, 3847377.25	0.00612	0.00398	0.00153	0.00208	2.61E-05	0.00E+00	1.30E-07	1.79E-07	2.64E-05	1.23E-05	1.25E-04	9.76E-06	6.57E-06	1.54E-04	1.17E-05	0.00E+00	1.30E-07	1.79E-07	1.20E-05
3227	472363.09, 3847377.25	0.00611	0.00388	0.00152	0.00211	2.60E-05	0.00E+00	1.29E-07	1.82E-07	2.63E-05	1.23E-05	1.22E-04	9.70E-06	6.66E-06	1.51E-04	1.17E-05	0.00E+00	1.29E-07	1.82E-07	1.20E-05
3228	472863.09, 3847377.25	0.00587	0.0035	0.00152	0.00212	2.50E-05	0.00E+00	1.29E-07	1.83E-07	2.53E-05	1.18E-05	1.10E-04	9.70E-06	6.69E-06	1.38E-04	1.12E-05	0.00E+00	1.29E-07	1.83E-07	1.15E-05
3229	473363.09, 3847377.25	0.0051	0.00267	0.00149	0.00208	2.17E-05	0.00E+00	1.27E-07	1.79E-07	2.20E-05	1.02E-05	8.41E-05	9.50E-06	6.57E-06	1.10E-04	9.74E-06	0.00E+00	1.27E-07	1.79E-07	1.00E-05
3230	473863.09, 3847377.25	0.00504	0.00269	0.00153	0.00206	2.15E-05	0.00E+00	1.30E-07	1.77E-07	2.18E-05	1.01E-05	8.47E-05	9.76E-06	6.50E-06	1.11E-04	9.63E-06	0.00E+00	1.30E-07	1.77E-07	9.93E-06
3231	474363.09, 3847377.25	0.0052	0.0031	0.0016	0.00204	2.21E-05	0.00E+00	1.36E-07	1.76E-07	2.25E-05	1.04E-05	9.76E-05	1.02E-05	6.44E-06	1.25E-04	9.93E-06	0.00E+00	1.36E-07	1.76E-07	1.02E-05
3232	474863.09, 3847377.25	0.00479	0.00335	0.00163	0.00201	2.04E-05	0.00E+00	1.39E-07	1.73E-07	2.07E-05	9.62E-06	1.06E-04	1.04E-05	6.35E-06	1.32E-04	9.15E-06	0.00E+00	1.39E-07	1.73E-07	9.46E-06
3233	475363.09, 3847377.25	0.00438	0.0035	0.00163	0.00199	1.87E-05	0.00E+00	1.39E-07	1.71E-07	1.90E-05	8.80E-06	1.10E-04	1.04E-05	6.28E-06	1.36E-04	8.37E-06	0.00E+00	1.39E-07	1.71E-07	8.68E-06
3234	475863.09, 3847377.25	0.0051	0.00403	0.00163	0.00205	2.17E-05	0.00E+00	1.39E-07	1.77E-07	2.20E-05	1.02E-05	1.27E-04	1.04E-05	6.47E-06	1.54E-04	9.74E-06	0.00E+00	1.39E-07	1.77E-07	1.01E-05
3235	476363.09, 3847377.25	0.0065	0.0044	0.00162	0.0022	2.77E-05	0.00E+00	1.38E-07	1.89E-07	2.80E-05	1.31E-05	1.39E-04	1.03E-05	6.95E-06	1.69E-04	1.24E-05	0.00E+00	1.38E-07	1.89E-07	1.27E-05
3236	476863.09, 3847377.25	0.00836	0.00393	0.00159	0.00226	3.56E-05	0.00E+00	1.35E-07	1.95E-07	3.59E-05	1.68E-05	1.24E-04	1.01E-05	7.14E-06	1.58E-04	1.60E-05	0.00E+00	1.35E-07	1.95E-07	1.63E-05
3237	477363.09, 3847377.25	0.00865	0.00362	0.0016	0.00225	3.68E-05	0.00E+00	1.36E-07	1.94E-07	3.72E-05	1.74E-05	1.14E-04	1.02E-05	7.10E-06	1.49E-04	1.65E-05	0.00E+00	1.36E-07	1.94E-07	1.69E-05
3238	477863.09, 3847377.25	0.00807	0.0031	0.00169	0.00224	3.44E-05	0.00E+00	1.44E-07	1.93E-07	3.47E-05	1.62E-05	9.76E-05	1.08E-05	7.07E-06	1.32E-04	1.54E-05	0.00E+00	1.44E-07	1.93E-07	1.57E-05
3239	478363.09, 3847377.25	0.0069	0.00299	0.002	0.00229	2.94E-05	0.00E+00	1.70E-07	1.97E-07	2.98E-05	1.39E-05	9.42E-05	1.28E-05	7.23E-06	1.28E-04	1.32E-05	0.00E+00	1.70E-07	1.97E-07	1.35E-05
3240	478863.09, 3847377.25	0.00537	0.00295	0.00272	0.00248	2.29E-05	0.00E+00	2.31E-07	2.14E-07	2.33E-05	1.08E-05	9.29E-05	1.73E-05	7.83E-06	1.29E-04	1.03E-05	0.00E+00	2.31E-07	2.14E-07	1.07E-05
3241	479363.09, 3847377.25	0.0049	0.00235	0.00248	0.00229	2.09E-05	0.00E+00	2.11E-07	1.97E-07	2.13E-05	9.84E-06	7.40E-05	1.58E-05	7.23E-06	1.07E-04	9.36E-06	0.00E+00	2.11E-07	1.97E-07	9.77E-06

3242	479863.09, 3847377.25	0.0035	0.00188	0.00197	0.00223	1.49E-05	0.00E+00	1.68E-07	1.92E-07	1.53E-05	7.03E-06	5.92E-05	1.26E-05	7.04E-06	8.59E-05	6.68E-06	0.00E+00	1.68E-07	1.92E-07	7.04E-06
3243	480363.09, 3847377.25	0.00236	0.00158	0.00179	0.00227	1.01E-05	0.00E+00	1.52E-07	1.95E-07	1.04E-05	4.74E-06	4.98E-05	1.14E-05	7.17E-06	7.31E-05	4.51E-06	0.00E+00	1.52E-07	1.95E-07	4.86E-06
3244	480863.09, 3847377.25	0.00222	0.0015	0.00176	0.00233	9.45E-06	0.00E+00	1.50E-07	2.01E-07	9.80E-06	4.46E-06	4.72E-05	1.12E-05	7.36E-06	7.03E-05	4.24E-06	0.00E+00	1.50E-07	2.01E-07	4.59E-06
3245	481363.09, 3847377.25	0.00242	0.00155	0.00178	0.00242	1.03E-05	0.00E+00	1.51E-07	2.08E-07	1.07E-05	4.86E-06	4.88E-05	1.14E-05	7.64E-06	7.27E-05	4.62E-06	0.00E+00	1.51E-07	2.08E-07	4.98E-06
3246	481863.09, 3847377.25	0.00281	0.00174	0.00189	0.00249	1.20E-05	0.00E+00	1.61E-07	2.14E-07	1.23E-05	5.64E-06	5.48E-05	1.21E-05	7.86E-06	8.04E-05	5.37E-06	0.00E+00	1.61E-07	2.14E-07	5.74E-06
3247	482363.09, 3847377.25	0.0026	0.00168	0.00201	0.00245	1.11E-05	0.00E+00	1.71E-07	2.11E-07	1.15E-05	5.22E-06	5.29E-05	1.28E-05	7.74E-06	7.87E-05	4.97E-06	0.00E+00	1.71E-07	2.11E-07	5.35E-06
3248	482863.09, 3847377.25	0.00248	0.00159	0.00217	0.00241	1.06E-05	0.00E+00	1.85E-07	2.08E-07	1.10E-05	4.98E-06	5.01E-05	1.38E-05	7.61E-06	7.65E-05	4.74E-06	0.00E+00	1.85E-07	2.08E-07	5.13E-06
3249	483363.09, 3847377.25	0.00235	0.00151	0.00234	0.0024	1.00E-05	0.00E+00	1.99E-07	2.07E-07	1.04E-05	4.72E-06	4.76E-05	1.49E-05	7.58E-06	7.48E-05	4.49E-06	0.00E+00	1.99E-07	2.07E-07	4.89E-06
3250	483863.09, 3847377.25	0.00235	0.00148	0.0026	0.00243	1.00E-05	0.00E+00	2.21E-07	2.09E-07	1.04E-05	4.72E-06	4.66E-05	1.66E-05	7.67E-06	7.56E-05	4.49E-06	0.00E+00	2.21E-07	2.09E-07	4.92E-06
3251	484363.09, 3847377.25	0.0023	0.00149	0.00296	0.00247	9.79E-06	0.00E+00	2.52E-07	2.13E-07	1.03E-05	4.62E-06	4.69E-05	1.89E-05	7.80E-06	7.82E-05	4.39E-06	0.00E+00	2.52E-07	2.13E-07	4.86E-06
3252	484863.09, 3847377.25	0.0022	0.00144	0.00315	0.00248	9.37E-06	0.00E+00	2.68E-07	2.14E-07	9.85E-06	4.42E-06	4.54E-05	2.01E-05	7.83E-06	7.77E-05	4.20E-06	0.00E+00	2.68E-07	2.14E-07	4.68E-06
3253	485363.09, 3847377.25	0.00213	0.00141	0.00302	0.00246	9.07E-06	0.00E+00	2.57E-07	2.12E-07	9.54E-06	4.28E-06	4.44E-05	1.93E-05	7.77E-06	7.57E-05	4.07E-06	0.00E+00	2.57E-07	2.12E-07	4.54E-06
3254	485863.09, 3847377.25	0.002	0.00138	0.00268	0.00242	8.52E-06	0.00E+00	2.28E-07	2.08E-07	8.95E-06	4.02E-06	4.35E-05	1.71E-05	7.64E-06	7.22E-05	3.82E-06	0.00E+00	2.28E-07	2.08E-07	4.26E-06
3255	486363.09, 3847377.25	0.00192	0.0014	0.00228	0.00239	8.18E-06	0.00E+00	1.94E-07	2.06E-07	8.58E-06	3.86E-06	4.41E-05	1.45E-05	7.55E-06	7.00E-05	3.67E-06	0.00E+00	1.94E-07	2.06E-07	4.07E-06
3256	486863.09, 3847377.25	0.00176	0.00133	0.00205	0.00237	7.50E-06	0.00E+00	1.74E-07	2.04E-07	7.87E-06	3.54E-06	4.19E-05	1.31E-05	7.48E-06	6.60E-05	3.36E-06	0.00E+00	1.74E-07	2.04E-07	3.74E-06
3257	487363.09, 3847377.25	0.00176	0.0013	0.0019	0.00239	7.50E-06	0.00E+00	1.62E-07	2.06E-07	7.86E-06	3.54E-06	4.09E-05	1.21E-05	7.55E-06	6.42E-05	3.36E-06	0.00E+00	1.62E-07	2.06E-07	3.73E-06
3258	487863.09, 3847377.25	0.00165	0.00122	0.0019	0.00239	7.03E-06	0.00E+00	1.62E-07	2.06E-07	7.39E-06	3.31E-06	3.84E-05	1.21E-05	7.55E-06	6.14E-05	3.15E-06	0.00E+00	1.62E-07	2.06E-07	3.52E-06
3259	488363.09, 3847377.25	0.00159	0.0012	0.00212	0.00241	6.77E-06	0.00E+00	1.80E-07	2.08E-07	7.16E-06	3.19E-06	3.78E-05	1.35E-05	7.61E-06	6.21E-05	3.04E-06	0.00E+00	1.80E-07	2.08E-07	3.42E-06
3260	488863.09, 3847377.25	0.00158	0.0012	0.00241	0.00244	6.73E-06	0.00E+00	2.05E-07	2.10E-07	7.14E-06	3.17E-06	3.78E-05	1.54E-05	7.70E-06	6.40E-05	3.02E-06	0.00E+00	2.05E-07	2.10E-07	3.43E-06
3261	489363.09, 3847377.25	0.0016	0.0012	0.00263	0.00246	6.81E-06	0.00E+00	2.24E-07	2.12E-07	7.25E-06	3.21E-06	3.78E-05	1.68E-05	7.77E-06	6.56E-05	3.06E-06	0.00E+00	2.24E-07	2.12E-07	3.49E-06
3262	489863.09, 3847377.25	0.00152	0.0012	0.00254	0.00248	6.47E-06	0.00E+00	2.16E-07	2.14E-07	6.90E-06	3.05E-06	3.78E-05	1.62E-05	7.83E-06	6.49E-05	2.90E-06	0.00E+00	2.16E-07	2.14E-07	3.33E-06
3263	490363.09, 3847377.25	0.00145	0.00117	0.0023	0.0025	6.18E-06	0.00E+00	1.96E-07	2.15E-07	6.59E-06	2.91E-06	3.69E-05	1.47E-05	7.89E-06	6.23E-05	2.77E-06	0.00E+00	1.96E-07	2.15E-07	3.18E-06
3264	490863.09, 3847377.25	0.00151	0.00119	0.00225	0.00256	6.43E-06	0.00E+00	1.91E-07	2.20E-07	6.84E-06	3.03E-06	3.75E-05	1.44E-05	8.08E-06	6.30E-05	2.88E-06	0.00E+00	1.91E-07	2.20E-07	3.30E-06
3265	491363.09, 3847377.25	0.00158	0.00121	0.00223	0.00262	6.73E-06	0.00E+00	1.90E-07	2.26E-07	7.14E-06	3.17E-06	3.81E-05	1.42E-05	8.27E-06	6.38E-05	3.02E-06	0.00E+00	1.90E-07	2.26E-07	3.43E-06
3266	491863.09, 3847377.25	0.00172	0.00128	0.00235	0.00273	7.32E-06	0.00E+00	2.00E-07	2.35E-07	7.76E-06	3.45E-06	4.03E-05	1.50E-05	8.62E-06	6.74E-05	3.29E-06	0.00E+00	2.00E-07	2.35E-07	3.72E-06
3267	492363.09, 3847377.25	0.00176	0.0013	0.0023	0.00281	7.50E-06	0.00E+00	1.96E-07	2.42E-07	7.93E-06	3.54E-06	4.09E-05	1.47E-05	8.87E-06	6.80E-05	3.36E-06	0.00E+00	1.96E-07	2.42E-07	3.80E-06
3268	492863.09, 3847377.25	0.00189	0.00135	0.00223	0.00292	8.05E-06	0.00E+00	1.90E-07	2.51E-07	8.49E-06	3.80E-06	4.25E-05	1.42E-05	9.22E-06	6.98E-05	3.61E-06	0.00E+00	1.90E-07	2.51E-07	4.05E-06
3269	493363.09, 3847377.25	0.002	0.00138	0.00211	0.00301	8.52E-06	0.00E+00	1.79E-07	2.59E-07	8.96E-06	4.02E-06	4.35E-05	1.35E-05	9.50E-06	7.04E-05	3.82E-06	0.00E+00	1.79E-07	2.59E-07	4.26E-06
3270	493863.09, 3847377.25	0.00207	0.0014	0.00206	0.00307	8.82E-06	0.00E+00	1.75E-07	2.64E-07	9.25E-06	4.16E-06	4.41E-05	1.31E-05	9.69E-06	7.11E-05	3.95E-06	0.00E+00	1.75E-07	2.64E-07	4.39E-06
3271	494363.09, 3847377.25	0.00213	0.00145	0.00208	0.00312	9.07E-06	0.00E+00	1.77E-07	2.69E-07	9.52E-06	4.28E-06	4.57E-05	1.33E-05	9.85E-06	7.31E-05	4.07E-06	0.00E+00	1.77E-07	2.69E-07	4.51E-06
3272	494863.09, 3847377.25	0.00219	0.00152	0.00212	0.00319	9.33E-06	0.00E+00	1.80E-07	2.75E-07	9.78E-06	4.40E-06	4.79E-05	1.35E-05	1.01E-05	7.59E-05	4.18E-06	0.00E+00	1.80E-07	2.75E-07	4.64E-06
3273	495363.09, 3847377.25	0.00228	0.0016	0.00221	0.00328	9.71E-06	0.00E+00	1.88E-07	2.82E-07	1.02E-05	4.58E-06	5.04E-05	1.41E-05	1.04E-05	7.94E-05	4.35E-06	0.00E+00	1.88E-07	2.82E-07	4.83E-06
3274	495863.09, 3847377.25	0.00243	0.00169	0.00243	0.00339	1.03E-05	0.00E+00	2.07E-07	2.92E-07	1.08E-05	4.88E-06	5.32E-05	1.55E-05	1.07E-05	8.43E-05	4.64E-06	0.00E+00	2.07E-07	2.92E-07	5.14E-06
3275	496363.09, 3847377.25	0.0026	0.00178	0.0027	0.0035	1.11E-05	0.00E+00	2.30E-07	3.01E-07	1.16E-05	5.22E-06	5.61E-05	1.72E-05	1.11E-05	8.96E-05	4.97E-06	0.00E+00	2.30E-07	3.01E-07	5.50E-06
3276	496863.09, 3847377.25	0.00286	0.0019	0.00298	0.00363	1.22E-05	0.00E+00	2.53E-07	3.13E-07	1.27E-05	5.74E-06	5.98E-05	1.90E-05	1.15E-05	9.61E-05	5.46E-06	0.00E+00	2.53E-07	3.13E-07	6.03E-06
3277	497363.09, 3847377.25	0.00319	0.00208	0.00334	0.0038	1.36E-05	0.00E+00	2.84E-07	3.27E-07	1.42E-05	6.41E-06	6.55E-05	2.13E-05	1.20E-05	1.05E-04	6.09E-06	0.00E+00	2.84E-07	3.27E-07	6.70E-06
3278	497863.09, 3847377.25	0.00362	0.0023	0.00377	0.00395	1.54E-05	0.00E+00	3.21E-07	3.40E-07	1.61E-05	7.27E-06	7.24E-05	2.40E-05	1.25E-05	1.16E-04	6.91E-06	0.00E+00	3.21E-07	3.40E-07	7.57E-06
3279	498363.09, 3847377.25	0.00389	0.00242	0.00399	0.00408	1.66E-05	0.00E+00	3.39E-07	3.51E-07	1.73E-05	7.81E-06	7.62E-05	2.55E-05	1.29E-05	1.22E-04	7.43E-06	0.00E+00	3.39E-07	3.51E-07	8.12E-06
3280	471363.09, 3847877.25	0.00662	0.00422	0.00165	0.00212	2.82E-05	0.00E+00	1.40E-07	1.83E-07	2.85E-05	1.33E-05	1.33E-04	1.05E-05	6.69E-06	1.63E-04	1.26E-05	0.00E+00	1.40E-07	1.83E-07	1.30E-05
3281	471863.09, 3847877.25	0.00659	0.00432	0.00164	0.00214	2.81E-05	0.00E+00	1.39E-07	1.84E-07	2.84E-05	1.32E-05	1.36E-04	1.05E-05	6.76E-06	1.67E-04	1.26E-05	0.00E+00	1.39E-07	1.84E-07	1.29E-05
3282	472363.09, 3847877.25	0.00667	0.00436	0.00161	0.00217	2.84E-05	0.00E+00	1.37E-07	1.87E-07	2.87E-05	1.34E-05	1.37E-04	1.03E-05	6.85E-06	1.68E-04	1.27E-05	0.00E+00	1.37E-07	1.87E-07	1.31E-05
3283	472863.09, 3847877.25	0.00674	0.00426	0.00158	0.00219	2.87E-05	0.00E+00	1.34E-07	1.89E-07	2.90E-05	1.35E-05	1.34E-04	1.01E-05	6.91E-06	1.65E-04	1.29E-05	0.00E+00	1.34E-07	1.89E-07	1.32E-05
3284	473363.09, 3847877.25	0.00669	0.00412	0.00156	0.00221	2.85E-05	0.00E+00	1.33E-07	1.90E-07	2.88E-05	1.34E-05	1.30E-04	9.95E-06	6.98E-06	1.60E-04	1.28E-05	0.00E+00	1.33E-07	1.90E-07	1.31E-05
3285	473863.09, 3847877.25	0.00646	0.00369	0.00159	0.00222	2.75E-05	0.00E+00	1.35E-07	1.91E-07	2.78E-05	1.30E-05	1.16E-04	1.01E-05	7.01E-06	1.46E-04	1.23E-05	0.00E+00	1.35E-07	1.91E-07	1.27E-05
3286	474363.09, 3847877.25	0.00581	0.00305	0.0016	0.00218	2.47E-05	0.00E+00	1.36E-07	1.88E-07	2.51E-05	1.17E-05	9.61E-05	1.02E-05	6.88E-06	1.25E-04	1.11E-05	0.00E+00	1.36E-07	1.88E-07	1.14E-05
3287	474863.09, 3847877.25	0.00593	0.00352	0.00166	0.00216	2.53E-05	0.00E+00	1.41E-07	1.86E-07	2.56E-05	1.19E-05	1.11E-04	1.06E-05	6.82E-06	1.40E-04	1.13E-05	0.00E+00	1.41E-07	1.86E-07	1.17E-05
3288	475363.09, 3847877.25	0.00548	0.0037	0.0017	0.00212	2.33E-05	0.00E+00	1.45E-07	1.83E-07	2.37E-05	1.10E-05	1.17E-04	1.08E-05	6.69E-06	1.45E-04	1.05E-05	0.00E+00	1.45E-07	1.83E-07	1.08E-05
3289	475863.09, 3847877.25	0.00487	0.00383	0.0017	0.0021	2.07E-05	0.00E+00	1.45E-07	1.81E-07	2.11E-05	9.78E-06	1.21E-04	1.08E-05	6.63E-06	1.48E-04	9.30E-06	0.00E+00	1.45E-07	1.81E-07	9.63E-06
3290	476363.09, 3847877.25	0.00589	0.00492	0.00172	0.0022	2.51E-05	0.00E+00	1.46E-07	1.89E-07	2.54E-05	1.18E-05	1.55E-04	1.10E-05	6.95E-06	1.85E-04	1.12E-05	0.00E+00	1.46E-07	1.89E-07	1.16E-05
3291	476863.09, 3847877.25	0.00718	0.00481	0.00169	0.00234	3.06E-05	0.00E+00	1.44E-07	2.01E-07	3.09E-05	1.44E-05	1.52E-04	1.08E-05	7.39E-06	1.84E-04	1.37E-05	0.00E+00	1.44E-07	2.01E-07	1.41E-05
3292	477363.09, 3847877.25	0.00952	0.00449	0.00167	0.0024	4.05E-05	0.00E+00	1.42E-07	2.07E-07	4.09E-05	1.91E-05	1.41E-04	1.07E-05	7.58E-06	1.79E-04	1.82E-05	0.00E+00	1.42E-07	2.07E-07	1.85E-05
3293	477863.09, 3847877.25	0.00979	0.00394	0.00168	0.00239	4.17E-05	0.00E+00	1.43E-07	2.06E-07	4.20E-05	1.97E-05	1.24E-04	1.07E-05	7.55E-06	1.62E-04	1.87E-05	0.00E+00	1.43E-07	2.06E-07	1.90E-05
3294	478363.09, 3847877.25	0.00917	0.00345	0.0018	0.00241	3.91E-05	0.00E+00	1.53E-07	2.08E-07	3.94E-05	1.84E-05	1.09E-04	1.15E-05	7.61E-06	1.46E-04	1.75E-05	0.00E+00	1.53E-07	2.08E-07	1.79E-05
3295	478863.09, 3847877.25	0.00742	0.00329	0.00235	0.00265	3.16E-05	0.00E+00	2.00E-07	2.28E-07	3.20E-05	1.49E-05	1.04E-04	1.50E-05	8.37E-06	1.42E-04	1.42E-05	0.00E+00	2.00E-07	2.28E-07	1.46E-05
3296	479363.09, 3847877.25	0.00468	0.00245	0.0024	0.00239	1.99E-05	0.00E+00	2.04E-07	2.06E-07	2.03E-05	9.40E-06	7.72E-05	1.53E-05	7.55E-06	1.09E-04	8.94E-06	0.00E+00	2.04E-07	2.06E-07	9.35E-06
3297	479863.09, 3847877.25	0.00298	0.00174	0.00183	0.00229	1.27E-05	0.00E+00	1.56E-07	1.97E-07	1.30E-05	5.99E-06	5.48E-05	1.17E-05	7.23E-06	7.97E-05	5.69E-06	0.00E+00	1.56E-07	1.97E-07	6.04E-06
3298	480363.09, 3847877.25	0.0029	0.00177	0.00189	0.00236	1.24E-05	0.00E+00	1.61E-07	2.03E-07	1.27E-05	5.82E-06	5.58E-05	1.21E-05	7.45E-06	8.11E-05	5.54E-06	0.00E+00	1.61E-07	2.03E-07	5.90E-06
3299	480863.09, 3847877.25	0.00258	0.00168	0.00187	0.00244	1.10E-05	0.00E+00	1.59E-07	2.10E-07	1.14E-05	5.18E-06	5.29E-05	1.19E-05	7.70E-06	7.77E-05	4.93E-06	0.00E+00	1.59E-07	2.10E-07	5.30E-06
3300	481363.09, 3847877.25	0.00267	0.00168	0.00186	0.00252	1.14E-05	0.00E+00	1.58E-07	2.17E-07	1.17E-05	5.36E-06	5.29E-05	1.19E-05	7.96E-06	7.81E-05	5.10E-06	0.00E+00	1.58E-07	2.17E-07	5.47E-06

3301	481863.09, 3847877.25	0.00346	0.00197	0.00201	0.00263	1.47E-05	0.00E+00	1.71E-07	2.26E-07	1.51E-05	6.95E-06	6.21E-05	1.28E-05	8.30E-06	9.01E-05	6.61E-06	0.00E+00	1.71E-07	2.26E-07	7.01E-06
3302	482363.09, 3847877.25	0.00309	0.00189	0.00206	0.00259	1.32E-05	0.00E+00	1.75E-07	2.23E-07	1.36E-05	6.21E-06	5.95E-05	1.31E-05	8.18E-06	8.71E-05	5.90E-06	0.00E+00	1.75E-07	2.23E-07	6.30E-06
3303	482863.09, 3847877.25	0.00279	0.00174	0.00219	0.00254	1.19E-05	0.00E+00	1.86E-07	2.19E-07	1.23E-05	5.60E-06	5.48E-05	1.40E-05	8.02E-06	8.24E-05	5.33E-06	0.00E+00	1.86E-07	2.19E-07	5.73E-06
3304	483363.09, 3847877.25	0.00267	0.00168	0.00237	0.00254	1.14E-05	0.00E+00	2.02E-07	2.19E-07	1.18E-05	5.36E-06	5.29E-05	1.51E-05	8.02E-06	8.14E-05	5.10E-06	0.00E+00	2.02E-07	2.19E-07	5.52E-06
3305	483863.09, 3847877.25	0.00275	0.00164	0.00262	0.00258	1.17E-05	0.00E+00	2.23E-07	2.22E-07	1.22E-05	5.52E-06	5.17E-05	1.67E-05	8.15E-06	8.20E-05	5.25E-06	0.00E+00	2.23E-07	2.22E-07	5.70E-06
3306	484363.09, 3847877.25	0.00266	0.00164	0.00299	0.00263	1.13E-05	0.00E+00	2.54E-07	2.26E-07	1.18E-05	5.34E-06	5.17E-05	1.91E-05	8.30E-06	8.44E-05	5.08E-06	0.00E+00	2.54E-07	2.26E-07	5.56E-06
3307	484863.09, 3847877.25	0.00257	0.00162	0.00335	0.00265	1.09E-05	0.00E+00	2.85E-07	2.28E-07	1.15E-05	5.16E-06	5.10E-05	2.14E-05	8.37E-06	8.59E-05	4.91E-06	0.00E+00	2.85E-07	2.28E-07	5.42E-06
3308	485363.09, 3847877.25	0.00257	0.00161	0.00337	0.00264	1.09E-05	0.00E+00	2.87E-07	2.27E-07	1.15E-05	5.16E-06	5.07E-05	2.15E-05	8.34E-06	8.57E-05	4.91E-06	0.00E+00	2.87E-07	2.27E-07	5.42E-06
3309	485863.09, 3847877.25	0.00239	0.00157	0.00307	0.0026	1.02E-05	0.00E+00	2.61E-07	2.24E-07	1.07E-05	4.80E-06	4.95E-05	1.96E-05	8.21E-06	8.20E-05	4.56E-06	0.00E+00	2.61E-07	2.24E-07	5.05E-06
3310	486363.09, 3847877.25	0.00214	0.00152	0.00248	0.00255	9.11E-06	0.00E+00	2.11E-07	2.20E-07	9.54E-06	4.30E-06	4.79E-05	1.58E-05	8.05E-06	7.60E-05	4.09E-06	0.00E+00	2.11E-07	2.20E-07	4.52E-06
3311	486863.09, 3847877.25	0.00206	0.00149	0.00221	0.00253	8.77E-06	0.00E+00	1.88E-07	2.18E-07	9.18E-06	4.14E-06	4.69E-05	1.41E-05	7.99E-06	7.32E-05	3.93E-06	0.00E+00	1.88E-07	2.18E-07	4.34E-06
3312	487363.09, 3847877.25	0.00198	0.00141	0.00202	0.00255	8.43E-06	0.00E+00	1.72E-07	2.20E-07	8.82E-06	3.98E-06	4.44E-05	1.29E-05	8.05E-06	6.93E-05	3.78E-06	0.00E+00	1.72E-07	2.20E-07	4.17E-06
3313	487863.09, 3847877.25	0.00187	0.00134	0.00201	0.00255	7.96E-06	0.00E+00	1.71E-07	2.20E-07	8.35E-06	3.76E-06	4.22E-05	1.28E-05	8.05E-06	6.68E-05	3.57E-06	0.00E+00	1.71E-07	2.20E-07	3.96E-06
3314	488363.09, 3847877.25	0.0018	0.00133	0.00224	0.00257	7.67E-06	0.00E+00	1.91E-07	2.21E-07	8.08E-06	3.62E-06	4.19E-05	1.43E-05	8.11E-06	6.79E-05	3.44E-06	0.00E+00	1.91E-07	2.21E-07	3.85E-06
3315	488863.09, 3847877.25	0.00181	0.00135	0.00255	0.00261	7.71E-06	0.00E+00	2.17E-07	2.25E-07	8.15E-06	3.64E-06	4.25E-05	1.63E-05	8.24E-06	7.07E-05	3.46E-06	0.00E+00	2.17E-07	2.25E-07	3.90E-06
3316	489363.09, 3847877.25	0.00181	0.00135	0.00277	0.00265	7.71E-06	0.00E+00	2.36E-07	2.28E-07	8.17E-06	3.64E-06	4.25E-05	1.77E-05	8.37E-06	7.22E-05	3.46E-06	0.00E+00	2.36E-07	2.28E-07	3.92E-06
3317	489863.09, 3847877.25	0.00185	0.00141	0.00276	0.00271	7.88E-06	0.00E+00	2.35E-07	2.33E-07	8.35E-06	3.72E-06	4.44E-05	1.76E-05	8.56E-06	7.43E-05	3.53E-06	0.00E+00	2.35E-07	2.33E-07	4.00E-06
3318	490363.09, 3847877.25	0.00186	0.00142	0.00256	0.00278	7.92E-06	0.00E+00	2.18E-07	2.39E-07	8.38E-06	3.74E-06	4.47E-05	1.63E-05	8.78E-06	7.36E-05	3.55E-06	0.00E+00	2.18E-07	2.39E-07	4.01E-06
3319	490863.09, 3847877.25	0.00191	0.00142	0.00244	0.00284	8.13E-06	0.00E+00	2.08E-07	2.45E-07	8.59E-06	3.84E-06	4.47E-05	1.56E-05	8.97E-06	7.31E-05	3.65E-06	0.00E+00	2.08E-07	2.45E-07	4.10E-06
3320	491363.09, 3847877.25	0.00192	0.00141	0.00246	0.0029	8.18E-06	0.00E+00	2.09E-07	2.50E-07	8.64E-06	3.86E-06	4.44E-05	1.57E-05	9.16E-06	7.31E-05	3.67E-06	0.00E+00	2.09E-07	2.50E-07	4.13E-06
3321	491863.09, 3847877.25	0.002	0.00144	0.00247	0.00301	8.52E-06	0.00E+00	2.10E-07	2.59E-07	8.99E-06	4.02E-06	4.54E-05	1.58E-05	9.50E-06	7.46E-05	3.82E-06	0.00E+00	2.10E-07	2.59E-07	4.29E-06
3322	492363.09, 3847877.25	0.0021	0.00148	0.00242	0.00314	8.94E-06	0.00E+00	2.06E-07	2.70E-07	9.42E-06	4.22E-06	4.66E-05	1.54E-05	9.91E-06	7.62E-05	4.01E-06	0.00E+00	2.06E-07	2.70E-07	4.49E-06
3323	492863.09, 3847877.25	0.0022	0.0015	0.00229	0.00322	9.37E-06	0.00E+00	1.95E-07	2.77E-07	9.84E-06	4.42E-06	4.72E-05	1.46E-05	1.02E-05	7.64E-05	4.20E-06	0.00E+00	1.95E-07	2.77E-07	4.67E-06
3324	493363.09, 3847877.25	0.0022	0.00149	0.00217	0.00324	9.37E-06	0.00E+00	1.85E-07	2.79E-07	9.83E-06	4.42E-06	4.69E-05	1.38E-05	1.02E-05	7.54E-05	4.20E-06	0.00E+00	1.85E-07	2.79E-07	4.67E-06
3325	493863.09, 3847877.25	0.00222	0.00151	0.00212	0.0033	9.45E-06	0.00E+00	1.80E-07	2.84E-07	9.92E-06	4.46E-06	4.76E-05	1.35E-05	1.04E-05	7.60E-05	4.24E-06	0.00E+00	1.80E-07	2.84E-07	4.70E-06
3326	494363.09, 3847877.25	0.00226	0.00157	0.00215	0.00337	9.62E-06	0.00E+00	1.83E-07	2.90E-07	1.01E-05	4.54E-06	4.95E-05	1.37E-05	1.06E-05	7.83E-05	4.32E-06	0.00E+00	1.83E-07	2.90E-07	4.79E-06
3327	494863.09, 3847877.25	0.00236	0.00166	0.00222	0.00346	1.01E-05	0.00E+00	1.89E-07	2.98E-07	1.05E-05	4.74E-06	5.23E-05	1.42E-05	1.09E-05	8.21E-05	4.51E-06	0.00E+00	1.89E-07	2.98E-07	4.99E-06
3328	495363.09, 3847877.25	0.00245	0.00172	0.0024	0.00353	1.04E-05	0.00E+00	2.04E-07	3.04E-07	1.09E-05	4.92E-06	5.42E-05	1.53E-05	1.11E-05	8.56E-05	4.68E-06	0.00E+00	2.04E-07	3.04E-07	5.19E-06
3329	495863.09, 3847877.25	0.0024	0.00169	0.00249	0.00357	1.02E-05	0.00E+00	2.12E-07	3.07E-07	1.07E-05	4.82E-06	5.32E-05	1.59E-05	1.13E-05	8.52E-05	4.58E-06	0.00E+00	2.12E-07	3.07E-07	5.10E-06
3330	496363.09, 3847877.25	0.00285	0.00192	0.00297	0.0038	1.21E-05	0.00E+00	2.53E-07	3.27E-07	1.27E-05	5.72E-06	6.05E-05	1.89E-05	1.20E-05	9.71E-05	5.44E-06	0.00E+00	2.53E-07	3.27E-07	6.02E-06
3331	496863.09, 3847877.25	0.00316	0.00207	0.00328	0.00395	1.35E-05	0.00E+00	2.79E-07	3.40E-07	1.41E-05	6.35E-06	6.52E-05	2.09E-05	1.25E-05	1.05E-04	6.04E-06	0.00E+00	2.79E-07	3.40E-07	6.65E-06
3332	497363.09, 3847877.25	0.00355	0.00227	0.00361	0.00411	1.51E-05	0.00E+00	3.07E-07	3.54E-07	1.58E-05	7.13E-06	7.15E-05	2.30E-05	1.30E-05	1.15E-04	6.78E-06	0.00E+00	3.07E-07	3.54E-07	7.44E-06
3333	497863.09, 3847877.25	0.00426	0.00261	0.00414	0.00432	1.81E-05	0.00E+00	3.52E-07	3.72E-07	1.89E-05	8.56E-06	8.22E-05	2.64E-05	1.36E-05	1.31E-04	8.14E-06	0.00E+00	3.52E-07	3.72E-07	8.86E-06
3334	498363.09, 3847877.25	0.00467	0.00279	0.0044	0.00449	1.99E-05	0.00E+00	3.74E-07	3.87E-07	2.06E-05	9.38E-06	8.79E-05	2.81E-05	1.42E-05	1.40E-04	8.92E-06	0.00E+00	3.74E-07	3.87E-07	9.68E-06
3335	471363.09, 3848377.25	0.00683	0.00458	0.00163	0.0022	2.91E-05	0.00E+00	1.39E-07	1.89E-07	2.94E-05	1.37E-05	1.44E-04	1.04E-05	6.95E-06	1.75E-04	1.30E-05	0.00E+00	1.39E-07	1.89E-07	1.34E-05
3336	471863.09, 3848377.25	0.00724	0.0046	0.00169	0.00222	3.08E-05	0.00E+00	1.44E-07	1.91E-07	3.12E-05	1.45E-05	1.45E-04	1.08E-05	7.01E-06	1.77E-04	1.38E-05	0.00E+00	1.44E-07	1.91E-07	1.42E-05
3337	472363.09, 3848377.25	0.0073	0.00463	0.00171	0.00225	3.11E-05	0.00E+00	1.45E-07	1.94E-07	3.14E-05	1.47E-05	1.46E-04	1.09E-05	7.10E-06	1.79E-04	1.39E-05	0.00E+00	1.45E-07	1.94E-07	1.43E-05
3338	472863.09, 3848377.25	0.00732	0.00473	0.0017	0.00227	3.12E-05	0.00E+00	1.45E-07	1.95E-07	3.15E-05	1.47E-05	1.49E-04	1.08E-05	7.17E-06	1.82E-04	1.40E-05	0.00E+00	1.45E-07	1.95E-07	1.43E-05
3339	473363.09, 3848377.25	0.0074	0.00466	0.00166	0.0023	3.15E-05	0.00E+00	1.41E-07	1.98E-07	3.19E-05	1.49E-05	1.47E-04	1.06E-05	7.26E-06	1.80E-04	1.41E-05	0.00E+00	1.41E-07	1.98E-07	1.45E-05
3340	473863.09, 3848377.25	0.00743	0.00452	0.00164	0.00232	3.16E-05	0.00E+00	1.39E-07	2.00E-07	3.20E-05	1.49E-05	1.42E-04	1.05E-05	7.33E-06	1.75E-04	1.42E-05	0.00E+00	1.39E-07	2.00E-07	1.45E-05
3341	474363.09, 3848377.25	0.00725	0.00417	0.00164	0.00233	3.09E-05	0.00E+00	1.39E-07	2.01E-07	3.12E-05	1.46E-05	1.31E-04	1.05E-05	7.36E-06	1.64E-04	1.38E-05	0.00E+00	1.39E-07	2.01E-07	1.42E-05
3342	474863.09, 3848377.25	0.00671	0.00354	0.00167	0.0023	2.86E-05	0.00E+00	1.42E-07	1.98E-07	2.89E-05	1.35E-05	1.12E-04	1.07E-05	7.26E-06	1.43E-04	1.28E-05	0.00E+00	1.42E-07	1.98E-07	1.32E-05
3343	475363.09, 3848377.25	0.00696	0.00428	0.00173	0.00228	2.96E-05	0.00E+00	1.47E-07	1.96E-07	3.00E-05	1.40E-05	1.35E-04	1.10E-05	7.20E-06	1.67E-04	1.33E-05	0.00E+00	1.47E-07	1.96E-07	1.36E-05
3344	475863.09, 3848377.25	0.00643	0.00433	0.00178	0.00224	2.74E-05	0.00E+00	1.51E-07	1.93E-07	2.77E-05	1.29E-05	1.36E-04	1.14E-05	7.07E-06	1.68E-04	1.23E-05	0.00E+00	1.51E-07	1.93E-07	1.26E-05
3345	476363.09, 3848377.25	0.00556	0.00426	0.00179	0.00223	2.37E-05	0.00E+00	1.52E-07	1.92E-07	2.40E-05	1.12E-05	1.34E-04	1.14E-05	7.04E-06	1.64E-04	1.06E-05	0.00E+00	1.52E-07	1.92E-07	1.10E-05
3346	476863.09, 3848377.25	0.00663	0.00578	0.0018	0.00234	2.82E-05	0.00E+00	1.53E-07	2.01E-07	2.86E-05	1.33E-05	1.82E-04	1.15E-05	7.39E-06	2.14E-04	1.27E-05	0.00E+00	1.53E-07	2.01E-07	1.30E-05
3347	477363.09, 3848377.25	0.00787	0.00519	0.00177	0.00248	3.35E-05	0.00E+00	1.51E-07	2.14E-07	3.39E-05	1.58E-05	1.63E-04	1.13E-05	7.83E-06	1.98E-04	1.50E-05	0.00E+00	1.51E-07	2.14E-07	1.54E-05
3348	477863.09, 3848377.25	0.01061	0.00494	0.00175	0.00254	4.52E-05	0.00E+00	1.49E-07	2.19E-07	4.56E-05	2.13E-05	1.56E-04	1.12E-05	8.02E-06	1.96E-04	2.03E-05	0.00E+00	1.49E-07	2.19E-07	2.06E-05
3349	478363.09, 3848377.25	0.0109	0.00418	0.00176	0.00253	4.64E-05	0.00E+00	1.50E-07	2.18E-07	4.68E-05	2.19E-05	1.32E-04	1.12E-05	7.99E-06	1.73E-04	2.08E-05	0.00E+00	1.50E-07	2.18E-07	2.12E-05
3350	478863.09, 3848377.25	0.00978	0.00357	0.00198	0.00272	4.16E-05	0.00E+00	1.68E-07	2.34E-07	4.21E-05	1.96E-05	1.12E-04	1.26E-05	8.59E-06	1.53E-04	1.87E-05	0.00E+00	1.68E-07	2.34E-07	1.91E-05
3351	479363.09, 3848377.25	0.00606	0.00278	0.00225	0.00256	2.58E-05	0.00E+00	1.91E-07	2.20E-07	2.62E-05	1.22E-05	8.76E-05	1.44E-05	8.08E-06	1.22E-04	1.16E-05	0.00E+00	1.91E-07	2.20E-07	1.20E-05
3352	479863.09, 3848377.25	0.00231	0.00153	0.00174	0.00234	9.84E-06	0.00E+00	1.48E-07	2.01E-07	1.02E-05	4.64E-06	4.82E-05	1.11E-05	7.39E-06	7.13E-05	4.41E-06	0.00E+00	1.48E-07	2.01E-07	4.76E-06
3353	480363.09, 3848377.25	0.00307	0.00182	0.00192	0.00245	1.31E-05	0.00E+00	1.63E-07	2.11E-07	1.34E-05	6.17E-06	5.73E-05	1.22E-05	7.74E-06	8.35E-05	5.86E-06	0.00E+00	1.63E-07	2.11E-07	6.24E-06
3354	480863.09, 3848377.25	0.004	0.00218	0.00211	0.00258	1.70E-05	0.00E+00	1.79E-07	2.22E-07	1.74E-05	8.03E-06	6.87E-05	1.35E-05	8.15E-06	9.83E-05	7.64E-06	0.00E+00	1.79E-07	2.22E-07	8.04E-06
3355	481363.09, 3848377.25	0.0042	0.00219	0.00204	0.0027	1.79E-05	0.00E+00	1.73E-07	2.32E-07	1.83E-05	8.44E-06	6.90E-05	1.30E-05	8.52E-06	9.90E-05	8.02E-06	0.00E+00	1.73E-07	2.32E-07	8.43E-06
3356	481863.09, 3848377.25	0.00419	0.00221	0.00213	0.0028	1.78E-05	0.00E+00	1.81E-07	2.41E-07	1.83E-05	8.42E-06	6.96E-05	1.36E-05	8.84E-06	1.00E-04	8.00E-06	0.00E+00	1.81E-07	2.41E-07	8.42E-06
3357	482363.09, 3848377.25	0.00395	0.00218	0.00222	0.00276	1.68E-05	0.00E+00	1.89E-07	2.38E-07	1.72E-05	7.93E-06	6.87E-05	1.42E-05	8.71E-06	9.95E-05	7.54E-06	0.00E+00	1.89E-07	2.38E-07	7.97E-06
3358	482863.09, 3848377.25	0.00334	0.00197	0.00225	0.00269	1.42E-05	0.00E+00	1.91E-07	2.32E-07	1.46E-05	6.71E-06	6.21E-05	1.44E-05	8.49E-06	9.16E-05	6.38E-06	0.00E+00	1.91E-07	2.32E-07	6.80E-06
3359	483363.09, 3848377.25	0.00326	0.00192	0.00241	0.00268	1.39E-05	0.00E+00	2.05E-07	2.31E-07	1.43E-05	6.55E-06	6.05E-05	1.54E-05	8.46E-06	9.09E-05	6.23E-06	0.00E+00	2.05E-07	2.31E-07	6.66E-06

3360	483863.09, 3848377.25	0.00311	0.00179	0.00263	0.00271	1.32E-05	0.00E+00	2.24E-07	2.33E-07	1.37E-05	6.25E-06	5.64E-05	1.68E-05	8.56E-06	8.80E-05	5.94E-06	0.00E+00	2.24E-07	2.33E-07	6.40E-06
3361	484363.09, 3848377.25	0.00296	0.00175	0.00298	0.00277	1.26E-05	0.00E+00	2.53E-07	2.39E-07	1.31E-05	5.95E-06	5.51E-05	1.90E-05	8.75E-06	8.88E-05	5.65E-06	0.00E+00	2.53E-07	2.39E-07	6.15E-06
3362	484863.09, 3848377.25	0.00312	0.00185	0.00348	0.00283	1.33E-05	0.00E+00	2.96E-07	2.44E-07	1.38E-05	6.27E-06	5.83E-05	2.22E-05	8.94E-06	9.57E-05	5.96E-06	0.00E+00	2.96E-07	2.44E-07	6.50E-06
3363	485363.09, 3848377.25	0.00302	0.0018	0.00366	0.00282	1.29E-05	0.00E+00	3.11E-07	2.43E-07	1.34E-05	6.07E-06	5.67E-05	2.33E-05	8.90E-06	9.50E-05	5.77E-06	0.00E+00	3.11E-07	2.43E-07	6.32E-06
3364	485863.09, 3848377.25	0.00275	0.00172	0.00339	0.00277	1.17E-05	0.00E+00	2.88E-07	2.39E-07	1.22E-05	5.52E-06	5.42E-05	2.16E-05	8.75E-06	9.01E-05	5.25E-06	0.00E+00	2.88E-07	2.39E-07	5.78E-06
3365	486363.09, 3848377.25	0.0025	0.00169	0.00277	0.00272	1.06E-05	0.00E+00	2.36E-07	2.34E-07	1.11E-05	5.02E-06	5.32E-05	1.77E-05	8.59E-06	8.45E-05	4.77E-06	0.00E+00	2.36E-07	2.34E-07	5.24E-06
3366	486863.09, 3848377.25	0.00241	0.00166	0.00238	0.0027	1.03E-05	0.00E+00	2.02E-07	2.32E-07	1.07E-05	4.84E-06	5.23E-05	1.52E-05	8.52E-06	8.08E-05	4.60E-06	0.00E+00	2.02E-07	2.32E-07	5.04E-06
3367	487363.09, 3848377.25	0.00218	0.00152	0.00214	0.0027	9.28E-06	0.00E+00	1.82E-07	2.32E-07	9.70E-06	4.38E-06	4.79E-05	1.37E-05	8.52E-06	7.44E-05	4.16E-06	0.00E+00	1.82E-07	2.32E-07	4.58E-06
3368	487863.09, 3848377.25	0.0021	0.00148	0.00212	0.00272	8.94E-06	0.00E+00	1.80E-07	2.34E-07	9.36E-06	4.22E-06	4.66E-05	1.35E-05	8.59E-06	7.29E-05	4.01E-06	0.00E+00	1.80E-07	2.34E-07	4.43E-06
3369	488363.09, 3848377.25	0.00206	0.00149	0.00237	0.00275	8.77E-06	0.00E+00	2.02E-07	2.37E-07	9.21E-06	4.14E-06	4.69E-05	1.51E-05	8.68E-06	7.49E-05	3.93E-06	0.00E+00	2.02E-07	2.37E-07	4.37E-06
3370	488863.09, 3848377.25	0.00206	0.00149	0.0027	0.0028	8.77E-06	0.00E+00	2.30E-07	2.41E-07	9.24E-06	4.14E-06	4.69E-05	1.72E-05	8.84E-06	7.71E-05	3.93E-06	0.00E+00	2.30E-07	2.41E-07	4.41E-06
3371	489363.09, 3848377.25	0.00208	0.00151	0.00292	0.00285	8.86E-06	0.00E+00	2.48E-07	2.45E-07	9.35E-06	4.18E-06	4.76E-05	1.86E-05	9.00E-06	7.94E-05	3.97E-06	0.00E+00	2.48E-07	2.45E-07	4.47E-06
3372	489863.09, 3848377.25	0.00217	0.0016	0.0029	0.00295	9.24E-06	0.00E+00	2.47E-07	2.54E-07	9.74E-06	4.36E-06	5.04E-05	1.85E-05	9.31E-06	8.26E-05	4.14E-06	0.00E+00	2.47E-07	2.54E-07	4.65E-06
3373	490363.09, 3848377.25	0.00225	0.0016	0.00272	0.00303	9.58E-06	0.00E+00	2.31E-07	2.61E-07	1.01E-05	4.52E-06	5.04E-05	1.73E-05	9.57E-06	8.18E-05	4.30E-06	0.00E+00	2.31E-07	2.61E-07	4.79E-06
3374	490863.09, 3848377.25	0.00225	0.00159	0.00263	0.00311	9.58E-06	0.00E+00	2.24E-07	2.68E-07	1.01E-05	4.52E-06	5.01E-05	1.68E-05	9.82E-06	8.12E-05	4.30E-06	0.00E+00	2.24E-07	2.68E-07	4.79E-06
3375	491363.09, 3848377.25	0.00229	0.00161	0.00268	0.00321	9.75E-06	0.00E+00	2.28E-07	2.76E-07	1.03E-05	4.60E-06	5.07E-05	1.71E-05	1.01E-05	8.25E-05	4.37E-06	0.00E+00	2.28E-07	2.76E-07	4.88E-06
3376	491863.09, 3848377.25	0.00235	0.00163	0.00263	0.00333	1.00E-05	0.00E+00	2.24E-07	2.87E-07	1.05E-05	4.72E-06	5.13E-05	1.68E-05	1.05E-05	8.34E-05	4.49E-06	0.00E+00	2.24E-07	2.87E-07	5.00E-06
3377	492363.09, 3848377.25	0.00235	0.00161	0.00248	0.00342	1.00E-05	0.00E+00	2.11E-07	2.94E-07	1.05E-05	4.72E-06	5.07E-05	1.58E-05	1.08E-05	8.21E-05	4.49E-06	0.00E+00	2.11E-07	2.94E-07	4.99E-06
3378	492863.09, 3848377.25	0.00232	0.00159	0.00231	0.00344	9.88E-06	0.00E+00	1.96E-07	2.96E-07	1.04E-05	4.66E-06	5.01E-05	1.47E-05	1.09E-05	8.03E-05	4.43E-06	0.00E+00	1.96E-07	2.96E-07	4.92E-06
3379	493363.09, 3848377.25	0.00237	0.00161	0.00218	0.0035	1.01E-05	0.00E+00	1.85E-07	3.01E-07	1.06E-05	4.76E-06	5.07E-05	1.39E-05	1.11E-05	8.04E-05	4.53E-06	0.00E+00	1.85E-07	3.01E-07	5.01E-06
3380	493863.09, 3848377.25	0.0024	0.00165	0.00223	0.00355	1.02E-05	0.00E+00	1.90E-07	3.06E-07	1.07E-05	4.82E-06	5.20E-05	1.42E-05	1.12E-05	8.22E-05	4.58E-06	0.00E+00	1.90E-07	3.06E-07	5.08E-06
3381	494363.09, 3848377.25	0.00246	0.00172	0.00222	0.00363	1.05E-05	0.00E+00	1.89E-07	3.13E-07	1.10E-05	4.94E-06	5.42E-05	1.42E-05	1.15E-05	8.47E-05	4.70E-06	0.00E+00	1.89E-07	3.13E-07	5.20E-06
3382	494863.09, 3848377.25	0.00263	0.00182	0.00235	0.00375	1.12E-05	0.00E+00	2.00E-07	3.23E-07	1.17E-05	5.28E-06	5.73E-05	1.50E-05	1.18E-05	8.94E-05	5.02E-06	0.00E+00	2.00E-07	3.23E-07	5.55E-06
3383	495363.09, 3848377.25	0.00265	0.00183	0.00257	0.00383	1.13E-05	0.00E+00	2.19E-07	3.30E-07	1.18E-05	5.32E-06	5.76E-05	1.64E-05	1.21E-05	9.15E-05	5.06E-06	0.00E+00	2.19E-07	3.30E-07	5.61E-06
3384	495863.09, 3848377.25	0.00281	0.00191	0.00283	0.00394	1.20E-05	0.00E+00	2.41E-07	3.39E-07	1.25E-05	5.64E-06	6.02E-05	1.81E-05	1.24E-05	9.63E-05	5.37E-06	0.00E+00	2.41E-07	3.39E-07	5.95E-06
3385	496363.09, 3848377.25	0.00315	0.00208	0.00322	0.00412	1.34E-05	0.00E+00	2.74E-07	3.55E-07	1.40E-05	6.33E-06	6.55E-05	2.05E-05	1.30E-05	1.05E-04	6.02E-06	0.00E+00	2.74E-07	3.55E-07	6.64E-06
3386	496863.09, 3848377.25	0.00329	0.00217	0.00345	0.00423	1.40E-05	0.00E+00	2.93E-07	3.64E-07	1.47E-05	6.61E-06	6.84E-05	2.20E-05	1.34E-05	1.10E-04	6.28E-06	0.00E+00	2.93E-07	3.64E-07	6.94E-06
3387	497363.09, 3848377.25	0.00382	0.00242	0.00386	0.00444	1.63E-05	0.00E+00	3.28E-07	3.82E-07	1.70E-05	7.67E-06	7.62E-05	2.46E-05	1.40E-05	1.23E-04	7.30E-06	0.00E+00	3.28E-07	3.82E-07	8.01E-06
3388	497863.09, 3848377.25	0.00518	0.00303	0.00457	0.00478	2.21E-05	0.00E+00	3.89E-07	4.12E-07	2.29E-05	1.04E-05	9.54E-05	2.91E-05	1.51E-05	1.50E-04	9.89E-06	0.00E+00	3.89E-07	4.12E-07	1.07E-05
3389	498363.09, 3848377.25	0.00558	0.00317	0.00463	0.00491	2.38E-05	0.00E+00	3.94E-07	4.23E-07	2.46E-05	1.12E-05	9.99E-05	2.95E-05	1.55E-05	1.56E-04	1.07E-05	0.00E+00	3.94E-07	4.23E-07	1.15E-05
3390	471363.09, 3848877.25	0.00624	0.00487	0.00156	0.00229	2.66E-05	0.00E+00	1.33E-07	1.97E-07	2.69E-05	1.25E-05	1.53E-04	9.95E-06	7.23E-06	1.83E-04	1.19E-05	0.00E+00	1.33E-07	1.97E-07	1.22E-05
3391	471863.09, 3848877.25	0.00693	0.00503	0.00164	0.00231	2.95E-05	0.00E+00	1.39E-07	1.99E-07	2.99E-05	1.39E-05	1.58E-04	1.05E-05	7.29E-06	1.90E-04	1.32E-05	0.00E+00	1.39E-07	1.99E-07	1.36E-05
3392	472363.09, 3848877.25	0.00763	0.00507	0.00171	0.00234	3.25E-05	0.00E+00	1.45E-07	2.01E-07	3.28E-05	1.53E-05	1.60E-04	1.09E-05	7.39E-06	1.93E-04	1.46E-05	0.00E+00	1.45E-07	2.01E-07	1.49E-05
3393	472863.09, 3848877.25	0.00805	0.00507	0.00177	0.00236	3.43E-05	0.00E+00	1.51E-07	2.03E-07	3.46E-05	1.62E-05	1.60E-04	1.13E-05	7.45E-06	1.95E-04	1.54E-05	0.00E+00	1.51E-07	2.03E-07	1.57E-05
3394	473363.09, 3848877.25	0.00816	0.0052	0.00178	0.00239	3.48E-05	0.00E+00	1.51E-07	2.06E-07	3.51E-05	1.64E-05	1.64E-04	1.14E-05	7.55E-06	1.99E-04	1.56E-05	0.00E+00	1.51E-07	2.06E-07	1.59E-05
3395	473863.09, 3848877.25	0.0082	0.00516	0.00176	0.00242	3.49E-05	0.00E+00	1.50E-07	2.08E-07	3.53E-05	1.65E-05	1.63E-04	1.12E-05	7.64E-06	1.98E-04	1.57E-05	0.00E+00	1.50E-07	2.08E-07	1.60E-05
3396	474363.09, 3848877.25	0.00828	0.00508	0.00173	0.00244	3.53E-05	0.00E+00	1.47E-07	2.10E-07	3.56E-05	1.66E-05	1.60E-04	1.10E-05	7.70E-06	1.95E-04	1.58E-05	0.00E+00	1.47E-07	2.10E-07	1.62E-05
3397	474863.09, 3848877.25	0.00808	0.0045	0.00172	0.00246	3.44E-05	0.00E+00	1.46E-07	2.12E-07	3.48E-05	1.62E-05	1.42E-04	1.10E-05	7.77E-06	1.77E-04	1.54E-05	0.00E+00	1.46E-07	2.12E-07	1.58E-05
3398	475363.09, 3848877.25	0.00786	0.0043	0.00174	0.00245	3.35E-05	0.00E+00	1.48E-07	2.11E-07	3.38E-05	1.58E-05	1.35E-04	1.11E-05	7.74E-06	1.70E-04	1.50E-05	0.00E+00	1.48E-07	2.11E-07	1.54E-05
3399	475863.09, 3848877.25	0.00796	0.00497	0.00179	0.00242	3.39E-05	0.00E+00	1.52E-07	2.08E-07	3.43E-05	1.60E-05	1.57E-04	1.14E-05	7.64E-06	1.92E-04	1.52E-05	0.00E+00	1.52E-07	2.08E-07	1.56E-05
3400	476363.09, 3848877.25	0.0076	0.00531	0.00185	0.00239	3.24E-05	0.00E+00	1.57E-07	2.06E-07	3.27E-05	1.53E-05	1.67E-04	1.18E-05	7.55E-06	2.02E-04	1.45E-05	0.00E+00	1.57E-07	2.06E-07	1.49E-05
3401	476863.09, 3848877.25	0.00686	0.00541	0.00189	0.00239	2.92E-05	0.00E+00	1.61E-07	2.06E-07	2.96E-05	1.38E-05	1.70E-04	1.21E-05	7.55E-06	2.04E-04	1.31E-05	0.00E+00	1.61E-07	2.06E-07	1.35E-05
3402	477363.09, 3848877.25	0.00749	0.00687	0.00189	0.00248	3.19E-05	0.00E+00	1.61E-07	2.14E-07	3.23E-05	1.50E-05	2.16E-04	1.21E-05	7.83E-06	2.51E-04	1.43E-05	0.00E+00	1.61E-07	2.14E-07	1.47E-05
3403	477863.09, 3848877.25	0.0089	0.00597	0.00186	0.00263	3.79E-05	0.00E+00	1.58E-07	2.26E-07	3.83E-05	1.79E-05	1.88E-04	1.19E-05	8.30E-06	2.26E-04	1.70E-05	0.00E+00	1.58E-07	2.26E-07	1.74E-05
3404	478363.09, 3848877.25	0.01205	0.0056	0.00183	0.00268	5.13E-05	0.00E+00	1.56E-07	2.31E-07	5.17E-05	2.42E-05	1.76E-04	1.17E-05	8.46E-06	2.21E-04	2.30E-05	0.00E+00	1.56E-07	2.31E-07	2.34E-05
3405	478863.09, 3848877.25	0.01221	0.00445	0.0019	0.00282	5.20E-05	0.00E+00	1.62E-07	2.43E-07	5.24E-05	2.45E-05	1.40E-04	1.21E-05	8.90E-06	1.86E-04	2.33E-05	0.00E+00	1.62E-07	2.43E-07	2.37E-05
3406	479363.09, 3848877.25	0.01021	0.00367	0.0021	0.00294	4.35E-05	0.00E+00	1.79E-07	2.53E-07	4.39E-05	2.05E-05	1.16E-04	1.34E-05	9.28E-06	1.59E-04	1.95E-05	0.00E+00	1.79E-07	2.53E-07	1.99E-05
3407	479863.09, 3848877.25	0.00651	0.003	0.00248	0.00275	2.77E-05	0.00E+00	2.11E-07	2.37E-07	2.82E-05	1.31E-05	9.45E-05	1.58E-05	8.68E-06	1.32E-04	1.24E-05	0.00E+00	2.11E-07	2.37E-07	1.29E-05
3408	480363.09, 3848877.25	0.00639	0.00286	0.00304	0.00273	2.72E-05	0.00E+00	2.59E-07	2.35E-07	2.77E-05	1.28E-05	9.01E-05	1.94E-05	8.62E-06	1.31E-04	1.22E-05	0.00E+00	2.59E-07	2.35E-07	1.27E-05
3409	480863.09, 3848877.25	0.00642	0.0029	0.00288	0.00281	2.73E-05	0.00E+00	2.45E-07	2.42E-07	2.78E-05	1.29E-05	9.13E-05	1.84E-05	8.87E-06	1.31E-04	1.23E-05	0.00E+00	2.45E-07	2.42E-07	1.27E-05
3410	481363.09, 3848877.25	0.00571	0.00276	0.00227	0.00293	2.43E-05	0.00E+00	1.93E-07	2.52E-07	2.48E-05	1.15E-05	8.69E-05	1.45E-05	9.25E-06	1.22E-04	1.09E-05	0.00E+00	1.93E-07	2.52E-07	1.14E-05
3411	481863.09, 3848877.25	0.0051	0.00249	0.00221	0.00295	2.17E-05	0.00E+00	1.88E-07	2.54E-07	2.22E-05	1.02E-05	7.84E-05	1.41E-05	9.31E-06	1.12E-04	9.74E-06	0.00E+00	1.88E-07	2.54E-07	1.02E-05
3412	482363.09, 3848877.25	0.00395	0.00222	0.00217	0.00289	1.68E-05	0.00E+00	1.85E-07	2.49E-07	1.73E-05	7.93E-06	6.99E-05	1.38E-05	9.12E-06	1.01E-04	7.54E-06	0.00E+00	1.85E-07	2.49E-07	7.98E-06
3413	482863.09, 3848877.25	0.00325	0.00197	0.0022	0.00282	1.38E-05	0.00E+00	1.87E-07	2.43E-07	1.43E-05	6.53E-06	6.21E-05	1.40E-05	8.90E-06	9.15E-05	6.21E-06	0.00E+00	1.87E-07	2.43E-07	6.64E-06
3414	483363.09, 3848877.25	0.00291	0.00184	0.00237	0.00279	1.24E-05	0.00E+00	2.02E-07	2.40E-07	1.28E-05	5.84E-06	5.80E-05	1.51E-05	8.81E-06	8.77E-05	5.56E-06	0.00E+00	2.02E-07	2.40E-07	6.00E-06
3415	483863.09, 3848877.25	0.00295	0.00178	0.00261	0.00282	1.26E-05	0.00E+00	2.22E-07	2.43E-07	1.30E-05	5.93E-06	5.61E-05	1.66E-05	8.90E-06	8.75E-05	5.63E-06	0.00E+00	2.22E-07	2.43E-07	6.10E-06
3416	484363.09, 3848877.25	0.00336	0.0019	0.00297	0.00292	1.43E-05	0.00E+00	2.53E-07	2.51E-07	1.48E-05	6.75E-06	5.98E-05	1.89E-05	9.22E-06	9.48E-05	6.42E-06	0.00E+00	2.53E-07	2.51E-07	6.92E-06
3417	484863.09, 3848877.25	0.00377	0.00208	0.00353	0.00303	1.61E-05	0.00E+00	3.00E-07	2.61E-07	1.66E-05	7.57E-06	6.55E-05	2.25E-05	9.57E-06	1.05E-04	7.20E-06	0.00E+00	3.00E-07	2.61E-07	7.76E-06
3418	485363.09, 3848877.25	0.00361	0.00205	0.00393	0.00303	1.54E-05	0.00E+00	3.34E-07	2.61E-07	1.60E-05	7.25E-06	6.46E-05	2.51E-05	9.57E-06	1.06E-04	6.89E-06	0.00E+00	3.34E-07	2.61E-07	7.49E-06

3419	485863.09, 3848877.25	0.00322	0.00193	0.00375	0.00298	1.37E-05	0.00E+00	3.19E-07	2.57E-07	1.43E-05	6.47E-06	6.08E-05	2.39E-05	9.41E-06	1.01E-04	6.15E-06	0.00E+00	3.19E-07	2.57E-07	6.73E-06
3420	486363.09, 3848877.25	0.00283	0.00185	0.00307	0.00292	1.21E-05	0.00E+00	2.61E-07	2.51E-07	1.26E-05	5.68E-06	5.83E-05	1.96E-05	9.22E-06	9.28E-05	5.41E-06	0.00E+00	2.61E-07	2.51E-07	5.92E-06
3421	486863.09, 3848877.25	0.00267	0.00178	0.00256	0.00288	1.14E-05	0.00E+00	2.18E-07	2.48E-07	1.18E-05	5.36E-06	5.61E-05	1.63E-05	9.09E-06	8.69E-05	5.10E-06	0.00E+00	2.18E-07	2.48E-07	5.57E-06
3422	487363.09, 3848877.25	0.00258	0.00172	0.00231	0.00289	1.10E-05	0.00E+00	1.96E-07	2.49E-07	1.14E-05	5.18E-06	5.42E-05	1.47E-05	9.12E-06	8.32E-05	4.93E-06	0.00E+00	1.96E-07	2.49E-07	5.37E-06
3423	487863.09, 3848877.25	0.00242	0.00166	0.00225	0.00292	1.03E-05	0.00E+00	1.91E-07	2.51E-07	1.07E-05	4.86E-06	5.23E-05	1.44E-05	9.22E-06	8.07E-05	4.62E-06	0.00E+00	1.91E-07	2.51E-07	5.06E-06
3424	488363.09, 3848877.25	0.00241	0.00168	0.00251	0.00297	1.03E-05	0.00E+00	2.13E-07	2.56E-07	1.07E-05	4.84E-06	5.29E-05	1.60E-05	9.38E-06	8.31E-05	4.60E-06	0.00E+00	2.13E-07	2.56E-07	5.07E-06
3425	488863.09, 3848877.25	0.0024	0.00167	0.00288	0.00302	1.02E-05	0.00E+00	2.45E-07	2.60E-07	1.07E-05	4.82E-06	5.26E-05	1.84E-05	9.54E-06	8.53E-05	4.58E-06	0.00E+00	2.45E-07	2.60E-07	5.09E-06
3426	489363.09, 3848877.25	0.00246	0.00172	0.00317	0.00311	1.05E-05	0.00E+00	2.70E-07	2.68E-07	1.10E-05	4.94E-06	5.42E-05	2.02E-05	9.82E-06	8.92E-05	4.70E-06	0.00E+00	2.70E-07	2.68E-07	5.24E-06
3427	489863.09, 3848877.25	0.0026	0.0018	0.00317	0.00322	1.11E-05	0.00E+00	2.70E-07	2.77E-07	1.16E-05	5.22E-06	5.67E-05	2.02E-05	1.02E-05	9.23E-05	4.97E-06	0.00E+00	2.70E-07	2.77E-07	5.51E-06
3428	490363.09, 3848877.25	0.00259	0.00177	0.0029	0.00332	1.10E-05	0.00E+00	2.47E-07	2.86E-07	1.16E-05	5.20E-06	5.58E-05	1.85E-05	1.05E-05	8.99E-05	4.95E-06	0.00E+00	2.47E-07	2.86E-07	5.48E-06
3429	490863.09, 3848877.25	0.00261	0.00176	0.00286	0.00343	1.11E-05	0.00E+00	2.43E-07	2.95E-07	1.17E-05	5.24E-06	5.54E-05	1.82E-05	1.08E-05	8.98E-05	4.98E-06	0.00E+00	2.43E-07	2.95E-07	5.52E-06
3430	491363.09, 3848877.25	0.00266	0.0018	0.00283	0.00355	1.13E-05	0.00E+00	2.41E-07	3.06E-07	1.19E-05	5.34E-06	5.67E-05	1.81E-05	1.12E-05	9.13E-05	5.08E-06	0.00E+00	2.41E-07	3.06E-07	5.63E-06
3431	491863.09, 3848877.25	0.00263	0.00179	0.0027	0.00364	1.12E-05	0.00E+00	2.30E-07	3.13E-07	1.17E-05	5.28E-06	5.64E-05	1.72E-05	1.15E-05	9.04E-05	5.02E-06	0.00E+00	2.30E-07	3.13E-07	5.57E-06
3432	492363.09, 3848877.25	0.0026	0.00176	0.00253	0.00371	1.11E-05	0.00E+00	2.15E-07	3.19E-07	1.16E-05	5.22E-06	5.54E-05	1.61E-05	1.17E-05	8.85E-05	4.97E-06	0.00E+00	2.15E-07	3.19E-07	5.50E-06
3433	492863.09, 3848877.25	0.00251	0.00171	0.00229	0.00372	1.07E-05	0.00E+00	1.95E-07	3.20E-07	1.12E-05	5.04E-06	5.39E-05	1.46E-05	1.17E-05	8.53E-05	4.79E-06	0.00E+00	1.95E-07	3.20E-07	5.31E-06
3434	493363.09, 3848877.25	0.00244	0.00169	0.00221	0.00374	1.04E-05	0.00E+00	1.88E-07	3.22E-07	1.09E-05	4.90E-06	5.32E-05	1.41E-05	1.18E-05	8.40E-05	4.66E-06	0.00E+00	1.88E-07	3.22E-07	5.17E-06
3435	493863.09, 3848877.25	0.0026	0.00181	0.00226	0.00386	1.11E-05	0.00E+00	1.92E-07	3.32E-07	1.16E-05	5.22E-06	5.70E-05	1.44E-05	1.22E-05	8.88E-05	4.97E-06	0.00E+00	1.92E-07	3.32E-07	5.49E-06
3436	494363.09, 3848877.25	0.00274	0.0019	0.00237	0.00399	1.17E-05	0.00E+00	2.02E-07	3.44E-07	1.22E-05	5.50E-06	5.98E-05	1.51E-05	1.26E-05	9.31E-05	5.23E-06	0.00E+00	2.02E-07	3.44E-07	5.78E-06
3437	494863.09, 3848877.25	0.00301	0.00203	0.00266	0.00414	1.28E-05	0.00E+00	2.26E-07	3.56E-07	1.34E-05	6.05E-06	6.39E-05	1.70E-05	1.31E-05	1.00E-04	5.75E-06	0.00E+00	2.26E-07	3.56E-07	6.33E-06
3438	495363.09, 3848877.25	0.00326	0.00214	0.003	0.00428	1.39E-05	0.00E+00	2.55E-07	3.69E-07	1.45E-05	6.55E-06	6.74E-05	1.91E-05	1.35E-05	1.07E-04	6.23E-06	0.00E+00	2.55E-07	3.69E-07	6.85E-06
3439	495863.09, 3848877.25	0.00327	0.00213	0.00316	0.00434	1.39E-05	0.00E+00	2.69E-07	3.74E-07	1.46E-05	6.57E-06	6.71E-05	2.02E-05	1.37E-05	1.08E-04	6.25E-06	0.00E+00	2.69E-07	3.74E-07	6.89E-06
3440	496363.09, 3848877.25	0.00352	0.00227	0.00345	0.00449	1.50E-05	0.00E+00	2.93E-07	3.87E-07	1.57E-05	7.07E-06	7.15E-05	2.20E-05	1.42E-05	1.15E-04	6.72E-06	0.00E+00	2.93E-07	3.87E-07	7.40E-06
3441	496863.09, 3848877.25	0.00408	0.00255	0.00391	0.00472	1.74E-05	0.00E+00	3.33E-07	4.06E-07	1.81E-05	8.19E-06	8.03E-05	2.49E-05	1.49E-05	1.28E-04	7.79E-06	0.00E+00	3.33E-07	4.06E-07	8.53E-06
3442	497363.09, 3848877.25	0.00525	0.00306	0.00462	0.00505	2.24E-05	0.00E+00	3.93E-07	4.35E-07	2.32E-05	1.05E-05	9.64E-05	2.95E-05	1.59E-05	1.52E-04	1.00E-05	0.00E+00	3.93E-07	4.35E-07	1.09E-05
3443	497863.09, 3848877.25	0.00603	0.00337	0.00481	0.00525	2.57E-05	0.00E+00	4.09E-07	4.52E-07	2.65E-05	1.21E-05	1.06E-04	3.07E-05	1.66E-05	1.66E-04	1.15E-05	0.00E+00	4.09E-07	4.52E-07	1.24E-05
3444	498363.09, 3848877.25	0.00676	0.00363	0.00478	0.00542	2.88E-05	0.00E+00	4.07E-07	4.67E-07	2.97E-05	1.36E-05	1.14E-04	3.05E-05	1.71E-05	1.76E-04	1.29E-05	0.00E+00	4.07E-07	4.67E-07	1.38E-05
3445	471363.09, 3849377.25	0.00612	0.00498	0.00161	0.00239	2.61E-05	0.00E+00	1.37E-07	2.06E-07	2.64E-05	1.23E-05	1.57E-04	1.03E-05	7.55E-06	1.87E-04	1.17E-05	0.00E+00	1.37E-07	2.06E-07	1.20E-05
3446	471863.09, 3849377.25	0.00655	0.00536	0.0016	0.00241	2.79E-05	0.00E+00	1.36E-07	2.08E-07	2.82E-05	1.32E-05	1.69E-04	1.02E-05	7.61E-06	2.00E-04	1.25E-05	0.00E+00	1.36E-07	2.08E-07	1.29E-05
3447	472363.09, 3849377.25	0.00709	0.00552	0.00165	0.00243	3.02E-05	0.00E+00	1.40E-07	2.09E-07	3.05E-05	1.42E-05	1.74E-04	1.05E-05	7.67E-06	2.06E-04	1.35E-05	0.00E+00	1.40E-07	2.09E-07	1.39E-05
3448	472863.09, 3849377.25	0.00784	0.00563	0.00173	0.00246	3.34E-05	0.00E+00	1.47E-07	2.12E-07	3.37E-05	1.57E-05	1.77E-04	1.10E-05	7.77E-06	2.12E-04	1.50E-05	0.00E+00	1.47E-07	2.12E-07	1.53E-05
3449	473363.09, 3849377.25	0.00858	0.00562	0.00181	0.00249	3.65E-05	0.00E+00	1.54E-07	2.14E-07	3.69E-05	1.72E-05	1.77E-04	1.15E-05	7.86E-06	2.14E-04	1.64E-05	0.00E+00	1.54E-07	2.14E-07	1.68E-05
3450	473863.09, 3849377.25	0.00902	0.00567	0.00186	0.00252	3.84E-05	0.00E+00	1.58E-07	2.17E-07	3.88E-05	1.81E-05	1.79E-04	1.19E-05	7.96E-06	2.17E-04	1.72E-05	0.00E+00	1.58E-07	2.17E-07	1.76E-05
3451	474363.09, 3849377.25	0.00917	0.00572	0.00186	0.00255	3.91E-05	0.00E+00	1.58E-07	2.20E-07	3.94E-05	1.84E-05	1.80E-04	1.19E-05	8.05E-06	2.19E-04	1.75E-05	0.00E+00	1.58E-07	2.20E-07	1.79E-05
3452	474863.09, 3849377.25	0.00926	0.00565	0.00183	0.00258	3.94E-05	0.00E+00	1.56E-07	2.22E-07	3.98E-05	1.86E-05	1.78E-04	1.17E-05	8.15E-06	2.16E-04	1.77E-05	0.00E+00	1.56E-07	2.22E-07	1.81E-05
3453	475363.09, 3849377.25	0.00927	0.00541	0.0018	0.0026	3.95E-05	0.00E+00	1.53E-07	2.24E-07	3.99E-05	1.86E-05	1.70E-04	1.15E-05	8.21E-06	2.09E-04	1.77E-05	0.00E+00	1.53E-07	2.24E-07	1.81E-05
3454	475863.09, 3849377.25	0.00926	0.00557	0.00181	0.0026	3.94E-05	0.00E+00	1.54E-07	2.24E-07	3.98E-05	1.86E-05	1.75E-04	1.15E-05	8.21E-06	2.14E-04	1.77E-05	0.00E+00	1.54E-07	2.24E-07	1.81E-05
3455	476363.09, 3849377.25	0.00923	0.00633	0.00186	0.00257	3.93E-05	0.00E+00	1.58E-07	2.21E-07	3.97E-05	1.85E-05	1.99E-04	1.19E-05	8.11E-06	2.38E-04	1.76E-05	0.00E+00	1.58E-07	2.21E-07	1.80E-05
3456	476863.09, 3849377.25	0.00903	0.00711	0.00192	0.00254	3.85E-05	0.00E+00	1.63E-07	2.19E-07	3.88E-05	1.81E-05	2.24E-04	1.22E-05	8.02E-06	2.62E-04	1.72E-05	0.00E+00	1.63E-07	2.19E-07	1.76E-05
3457	477363.09, 3849377.25	0.00846	0.00741	0.00197	0.00254	3.60E-05	0.00E+00	1.68E-07	2.19E-07	3.64E-05	1.70E-05	2.33E-04	1.26E-05	8.02E-06	2.71E-04	1.62E-05	0.00E+00	1.68E-07	2.19E-07	1.65E-05
3458	477863.09, 3849377.25	0.00823	0.00719	0.00198	0.00265	3.50E-05	0.00E+00	1.68E-07	2.28E-07	3.54E-05	1.65E-05	2.26E-04	1.26E-05	8.37E-06	2.64E-04	1.57E-05	0.00E+00	1.68E-07	2.28E-07	1.61E-05
3459	478363.09, 3849377.25	0.00999	0.00682	0.00195	0.00278	4.25E-05	0.00E+00	1.66E-07	2.39E-07	4.29E-05	2.01E-05	2.15E-04	1.24E-05	8.78E-06	2.56E-04	1.91E-05	0.00E+00	1.66E-07	2.39E-07	1.95E-05
3460	478863.09, 3849377.25	0.01321	0.0057	0.00193	0.00284	5.63E-05	0.00E+00	1.64E-07	2.45E-07	5.67E-05	2.65E-05	1.80E-04	1.23E-05	8.97E-06	2.27E-04	2.52E-05	0.00E+00	1.64E-07	2.45E-07	2.56E-05
3461	479363.09, 3849377.25	0.01374	0.00482	0.002	0.00307	5.85E-05	0.00E+00	1.70E-07	2.64E-07	5.89E-05	2.76E-05	1.52E-04	1.28E-05	9.69E-06	2.02E-04	2.62E-05	0.00E+00	1.70E-07	2.64E-07	2.67E-05
3462	479863.09, 3849377.25	0.01093	0.00392	0.00224	0.0032	4.65E-05	0.00E+00	1.91E-07	2.76E-07	4.70E-05	2.20E-05	1.23E-04	1.43E-05	1.01E-05	1.70E-04	2.09E-05	0.00E+00	1.91E-07	2.76E-07	2.13E-05
3463	480363.09, 3849377.25	0.00933	0.00413	0.00304	0.00326	3.97E-05	0.00E+00	2.59E-07	2.81E-07	4.03E-05	1.87E-05	1.30E-04	1.94E-05	1.03E-05	1.79E-04	1.78E-05	0.00E+00	2.59E-07	2.81E-07	1.84E-05
3464	480863.09, 3849377.25	0.00857	0.00367	0.00363	0.00307	3.65E-05	0.00E+00	3.09E-07	2.64E-07	3.71E-05	1.72E-05	1.16E-04	2.32E-05	9.69E-06	1.66E-04	1.64E-05	0.00E+00	3.09E-07	2.64E-07	1.69E-05
3465	481363.09, 3849377.25	0.00685	0.00312	0.00268	0.00306	2.92E-05	0.00E+00	2.28E-07	2.63E-07	2.97E-05	1.38E-05	9.83E-05	1.71E-05	9.66E-06	1.39E-04	1.31E-05	0.00E+00	2.28E-07	2.63E-07	1.36E-05
3466	481863.09, 3849377.25	0.00486	0.00249	0.00225	0.00305	2.07E-05	0.00E+00	1.91E-07	2.63E-07	2.12E-05	9.76E-06	7.84E-05	1.44E-05	9.63E-06	1.12E-04	9.28E-06	0.00E+00	1.91E-07	2.63E-07	9.74E-06
3467	482363.09, 3849377.25	0.00411	0.0023	0.00221	0.00303	1.75E-05	0.00E+00	1.88E-07	2.61E-07	1.80E-05	8.26E-06	7.24E-05	1.41E-05	9.57E-06	1.04E-04	7.85E-06	0.00E+00	1.88E-07	2.61E-07	8.30E-06
3468	482863.09, 3849377.25	0.00332	0.00202	0.00221	0.00296	1.41E-05	0.00E+00	1.88E-07	2.55E-07	1.46E-05	6.67E-06	6.36E-05	1.41E-05	9.35E-06	9.37E-05	6.34E-06	0.00E+00	1.88E-07	2.55E-07	6.78E-06
3469	483363.09, 3849377.25	0.00302	0.00191	0.00236	0.00293	1.29E-05	0.00E+00	2.01E-07	2.52E-07	1.33E-05	6.07E-06	6.02E-05	1.51E-05	9.25E-06	9.05E-05	5.77E-06	0.00E+00	2.01E-07	2.52E-07	6.22E-06
3470	483863.09, 3849377.25	0.00271	0.00175	0.00257	0.00294	1.15E-05	0.00E+00	2.19E-07	2.53E-07	1.20E-05	5.44E-06	5.51E-05	1.64E-05	9.28E-06	8.62E-05	5.18E-06	0.00E+00	2.19E-07	2.53E-07	5.65E-06
3471	484363.09, 3849377.25	0.00381	0.00208	0.00297	0.00309	1.62E-05	0.00E+00	2.53E-07	2.66E-07	1.67E-05	7.65E-06	6.55E-05	1.89E-05	9.76E-06	1.02E-04	7.28E-06	0.00E+00	2.53E-07	2.66E-07	7.80E-06
3472	484863.09, 3849377.25	0.00452	0.00233	0.00352	0.00323	1.92E-05	0.00E+00	2.99E-07	2.78E-07	1.98E-05	9.08E-06	7.34E-05	2.25E-05	1.02E-05	1.15E-04	8.63E-06	0.00E+00	2.99E-07	2.78E-07	9.21E-06
3473	485363.09, 3849377.25	0.00436	0.00232	0.00418	0.00327	1.86E-05	0.00E+00	3.55E-07	2.82E-07	1.92E-05	8.76E-06	7.31E-05	2.67E-05	1.03E-05	1.19E-04	8.33E-06	0.00E+00	3.55E-07	2.82E-07	8.96E-06
3474	485863.09, 3849377.25	0.00315	0.00194	0.00386	0.00315	1.34E-05	0.00E+00	3.28E-07	2.71E-07	1.40E-05	6.33E-06	6.11E-05	2.46E-05	9.95E-06	1.02E-04	6.02E-06	0.00E+00	3.28E-07	2.71E-07	6.62E-06
3475	486363.09, 3849377.25	0.00257	0.00175	0.00313	0.00305	1.09E-05	0.00E+00	2.66E-07	2.63E-07	1.15E-05	5.16E-06	5.51E-05	2.00E-05	9.63E-06	8.99E-05	4.91E-06	0.00E+00	2.66E-07	2.63E-07	5.44E-06
3476	486863.09, 3849377.25	0.00303	0.00194	0.00278	0.00308	1.29E-05	0.00E+00	2.36E-07	2.65E-07	1.34E-05	6.09E-06	6.11E-05	1.77E-05	9.72E-06	9.47E-05	5.79E-06	0.00E+00	2.36E-07	2.65E-07	6.29E-06
3477	487363.09, 3849377.25	0.00297	0.00194	0.00249	0.00313	1.26E-05	0.00E+00	2.12E-07	2.70E-07	1.31E-05	5.97E-06	6.11E-05	1.59E-05	9.88E-06	9.28E-05	5.67E-06	0.00E+00	2.12E-07	2.70E-07	6.15E-06

3478	487863.09, 3849377.25	0.0029	0.0019	0.0024	0.00316	1.24E-05	0.00E+00	2.04E-07	2.72E-07	1.28E-05	5.82E-06	5.98E-05	1.53E-05	9.98E-06	9.10E-05	5.54E-06	0.00E+00	2.04E-07	2.72E-07	6.02E-06
3479	488363.09, 3849377.25	0.00285	0.00191	0.00267	0.00322	1.21E-05	0.00E+00	2.27E-07	2.77E-07	1.26E-05	5.72E-06	6.02E-05	1.70E-05	1.02E-05	9.31E-05	5.44E-06	0.00E+00	2.27E-07	2.77E-07	5.95E-06
3480	488863.09, 3849377.25	0.00294	0.00194	0.00308	0.00333	1.25E-05	0.00E+00	2.62E-07	2.87E-07	1.31E-05	5.91E-06	6.11E-05	1.96E-05	1.05E-05	9.72E-05	5.62E-06	0.00E+00	2.62E-07	2.87E-07	6.16E-06
3481	489363.09, 3849377.25	0.00305	0.002	0.00336	0.00345	1.30E-05	0.00E+00	2.86E-07	2.97E-07	1.36E-05	6.13E-06	6.30E-05	2.14E-05	1.09E-05	1.01E-04	5.83E-06	0.00E+00	2.86E-07	2.97E-07	6.41E-06
3482	489863.09, 3849377.25	0.00311	0.00203	0.00332	0.00359	1.32E-05	0.00E+00	2.82E-07	3.09E-07	1.38E-05	6.25E-06	6.39E-05	2.12E-05	1.13E-05	1.03E-04	5.94E-06	0.00E+00	2.82E-07	3.09E-07	6.53E-06
3483	490363.09, 3849377.25	0.00306	0.00198	0.00308	0.00369	1.30E-05	0.00E+00	2.62E-07	3.18E-07	1.36E-05	6.15E-06	6.24E-05	1.96E-05	1.17E-05	9.98E-05	5.84E-06	0.00E+00	2.62E-07	3.18E-07	6.42E-06
3484	490863.09, 3849377.25	0.00311	0.00199	0.00317	0.00381	1.32E-05	0.00E+00	2.70E-07	3.28E-07	1.38E-05	6.25E-06	6.27E-05	2.02E-05	1.20E-05	1.01E-04	5.94E-06	0.00E+00	2.70E-07	3.28E-07	6.54E-06
3485	491363.09, 3849377.25	0.00315	0.00205	0.00313	0.00393	1.34E-05	0.00E+00	2.66E-07	3.38E-07	1.40E-05	6.33E-06	6.46E-05	2.00E-05	1.24E-05	1.03E-04	6.02E-06	0.00E+00	2.66E-07	3.38E-07	6.62E-06
3486	491863.09, 3849377.25	0.00309	0.00204	0.0028	0.00402	1.32E-05	0.00E+00	2.38E-07	3.46E-07	1.37E-05	6.21E-06	6.43E-05	1.79E-05	1.27E-05	1.01E-04	5.90E-06	0.00E+00	2.38E-07	3.46E-07	6.49E-06
3487	492363.09, 3849377.25	0.00305	0.00201	0.0026	0.00411	1.30E-05	0.00E+00	2.21E-07	3.54E-07	1.36E-05	6.13E-06	6.33E-05	1.66E-05	1.30E-05	9.90E-05	5.83E-06	0.00E+00	2.21E-07	3.54E-07	6.40E-06
3488	492863.09, 3849377.25	0.00288	0.00193	0.00241	0.00411	1.23E-05	0.00E+00	2.05E-07	3.54E-07	1.28E-05	5.78E-06	6.08E-05	1.54E-05	1.30E-05	9.49E-05	5.50E-06	0.00E+00	2.05E-07	3.54E-07	6.06E-06
3489	493363.09, 3849377.25	0.00295	0.00199	0.00239	0.00418	1.26E-05	0.00E+00	2.03E-07	3.60E-07	1.31E-05	5.93E-06	6.27E-05	1.52E-05	1.32E-05	9.71E-05	5.63E-06	0.00E+00	2.03E-07	3.60E-07	6.20E-06
3490	493863.09, 3849377.25	0.00308	0.00208	0.00246	0.00431	1.31E-05	0.00E+00	2.09E-07	3.71E-07	1.37E-05	6.19E-06	6.55E-05	1.57E-05	1.36E-05	1.01E-04	5.88E-06	0.00E+00	2.09E-07	3.71E-07	6.46E-06
3491	494363.09, 3849377.25	0.00338	0.00223	0.00273	0.00448	1.44E-05	0.00E+00	2.32E-07	3.86E-07	1.50E-05	6.79E-06	7.02E-05	1.74E-05	1.41E-05	1.09E-04	6.46E-06	0.00E+00	2.32E-07	3.86E-07	7.07E-06
3492	494863.09, 3849377.25	0.00405	0.00252	0.00332	0.00473	1.72E-05	0.00E+00	2.82E-07	4.07E-07	1.79E-05	8.13E-06	7.94E-05	2.12E-05	1.49E-05	1.24E-04	7.74E-06	0.00E+00	2.82E-07	4.07E-07	8.42E-06
3493	495363.09, 3849377.25	0.00448	0.0027	0.00371	0.00489	1.91E-05	0.00E+00	3.16E-07	4.21E-07	1.98E-05	9.00E-06	8.50E-05	2.37E-05	1.54E-05	1.33E-04	8.56E-06	0.00E+00	3.16E-07	4.21E-07	9.29E-06
3494	495863.09, 3849377.25	0.00394	0.00247	0.0036	0.00483	1.68E-05	0.00E+00	3.06E-07	4.16E-07	1.75E-05	7.91E-06	7.78E-05	2.30E-05	1.53E-05	1.24E-04	7.53E-06	0.00E+00	3.06E-07	4.16E-07	8.25E-06
3495	496363.09, 3849377.25	0.00409	0.00254	0.00386	0.00493	1.74E-05	0.00E+00	3.28E-07	4.25E-07	1.82E-05	8.21E-06	8.00E-05	2.46E-05	1.56E-05	1.28E-04	7.81E-06	0.00E+00	3.28E-07	4.25E-07	8.56E-06
3496	496863.09, 3849377.25	0.00549	0.00316	0.00461	0.00536	2.34E-05	0.00E+00	3.92E-07	4.62E-07	2.42E-05	1.10E-05	9.95E-05	2.94E-05	1.69E-05	1.57E-04	1.05E-05	0.00E+00	3.92E-07	4.62E-07	1.13E-05
3497	497363.09, 3849377.25	0.00623	0.00344	0.00492	0.00557	2.65E-05	0.00E+00	4.18E-07	4.80E-07	2.74E-05	1.25E-05	1.08E-04	3.14E-05	1.76E-05	1.70E-04	1.19E-05	0.00E+00	4.18E-07	4.80E-07	1.28E-05
3498	497863.09, 3849377.25	0.00827	0.0042	0.00524	0.00589	3.52E-05	0.00E+00	4.46E-07	5.07E-07	3.62E-05	1.66E-05	1.32E-04	3.34E-05	1.86E-05	2.01E-04	1.58E-05	0.00E+00	4.46E-07	5.07E-07	1.67E-05
3499	498363.09, 3849377.25	0.0083	0.00422	0.00513	0.006	3.53E-05	0.00E+00	4.36E-07	5.17E-07	3.63E-05	1.67E-05	1.33E-04	3.27E-05	1.89E-05	2.01E-04	1.59E-05	0.00E+00	4.36E-07	5.17E-07	1.68E-05
3500	471363.09, 3849877.25	0.00564	0.00429	0.00181	0.00248	2.40E-05	0.00E+00	1.54E-07	2.14E-07	2.44E-05	1.13E-05	1.35E-04	1.15E-05	7.83E-06	1.66E-04	1.08E-05	0.00E+00	1.54E-07	2.14E-07	1.11E-05
3501	471863.09, 3849877.25	0.00638	0.00514	0.00173	0.00251	2.72E-05	0.00E+00	1.47E-07	2.16E-07	2.75E-05	1.28E-05	1.62E-04	1.10E-05	7.93E-06	1.94E-04	1.22E-05	0.00E+00	1.47E-07	2.16E-07	1.25E-05
3502	472363.09, 3849877.25	0.00694	0.00578	0.00169	0.00254	2.96E-05	0.00E+00	1.44E-07	2.19E-07	2.99E-05	1.39E-05	1.82E-04	1.08E-05	8.02E-06	2.15E-04	1.33E-05	0.00E+00	1.44E-07	2.19E-07	1.36E-05
3503	472863.09, 3849877.25	0.00744	0.00609	0.0017	0.00257	3.17E-05	0.00E+00	1.45E-07	2.21E-07	3.21E-05	1.49E-05	1.92E-04	1.08E-05	8.11E-06	2.26E-04	1.42E-05	0.00E+00	1.45E-07	2.21E-07	1.46E-05
3504	473363.09, 3849877.25	0.00807	0.00617	0.00175	0.0026	3.44E-05	0.00E+00	1.49E-07	2.24E-07	3.47E-05	1.62E-05	1.94E-04	1.12E-05	8.21E-06	2.30E-04	1.54E-05	0.00E+00	1.49E-07	2.24E-07	1.58E-05
3505	473863.09, 3849877.25	0.00892	0.00628	0.00184	0.00263	3.80E-05	0.00E+00	1.56E-07	2.26E-07	3.84E-05	1.79E-05	1.98E-04	1.17E-05	8.30E-06	2.36E-04	1.70E-05	0.00E+00	1.56E-07	2.26E-07	1.74E-05
3506	474363.09, 3849877.25	0.00973	0.00631	0.00191	0.00266	4.14E-05	0.00E+00	1.62E-07	2.29E-07	4.18E-05	1.95E-05	1.99E-04	1.22E-05	8.40E-06	2.39E-04	1.86E-05	0.00E+00	1.62E-07	2.29E-07	1.90E-05
3507	474863.09, 3849877.25	0.01022	0.00636	0.00195	0.0027	4.35E-05	0.00E+00	1.66E-07	2.32E-07	4.39E-05	2.05E-05	2.00E-04	1.24E-05	8.52E-06	2.42E-04	1.95E-05	0.00E+00	1.66E-07	2.32E-07	1.99E-05
3508	475363.09, 3849877.25	0.0104	0.00622	0.00194	0.00273	4.43E-05	0.00E+00	1.65E-07	2.35E-07	4.47E-05	2.09E-05	1.96E-04	1.24E-05	8.62E-06	2.38E-04	1.99E-05	0.00E+00	1.65E-07	2.35E-07	2.03E-05
3509	475863.09, 3849877.25	0.01049	0.00608	0.00191	0.00276	4.47E-05	0.00E+00	1.62E-07	2.38E-07	4.51E-05	2.11E-05	1.92E-04	1.22E-05	8.71E-06	2.33E-04	2.00E-05	0.00E+00	1.62E-07	2.38E-07	2.04E-05
3510	476363.09, 3849877.25	0.01051	0.00617	0.0019	0.00276	4.48E-05	0.00E+00	1.62E-07	2.38E-07	4.52E-05	2.11E-05	1.94E-04	1.21E-05	8.71E-06	2.36E-04	2.01E-05	0.00E+00	1.62E-07	2.38E-07	2.05E-05
3511	476863.09, 3849877.25	0.01051	0.00716	0.00194	0.00274	4.48E-05	0.00E+00	1.65E-07	2.36E-07	4.52E-05	2.11E-05	2.26E-04	1.24E-05	8.65E-06	2.68E-04	2.01E-05	0.00E+00	1.65E-07	2.36E-07	2.05E-05
3512	477363.09, 3849877.25	0.01043	0.00872	0.002	0.00271	4.44E-05	0.00E+00	1.70E-07	2.33E-07	4.48E-05	2.09E-05	2.75E-04	1.28E-05	8.56E-06	3.17E-04	1.99E-05	0.00E+00	1.70E-07	2.33E-07	2.03E-05
3513	477863.09, 3849877.25	0.01	0.00924	0.00206	0.00271	4.26E-05	0.00E+00	1.75E-07	2.33E-07	4.30E-05	2.01E-05	2.91E-04	1.31E-05	8.56E-06	3.33E-04	1.91E-05	0.00E+00	1.75E-07	2.33E-07	1.95E-05
3514	478363.09, 3849877.25	0.00953	0.00857	0.00208	0.00281	4.06E-05	0.00E+00	1.77E-07	2.42E-07	4.10E-05	1.91E-05	2.70E-04	1.33E-05	8.87E-06	3.11E-04	1.82E-05	0.00E+00	1.77E-07	2.42E-07	1.86E-05
3515	478863.09, 3849877.25	0.01144	0.00823	0.00205	0.00291	4.87E-05	0.00E+00	1.74E-07	2.51E-07	4.91E-05	2.30E-05	2.59E-04	1.31E-05	9.19E-06	3.04E-04	2.18E-05	0.00E+00	1.74E-07	2.51E-07	2.23E-05
3516	479363.09, 3849877.25	0.01535	0.00672	0.00203	0.00302	6.54E-05	0.00E+00	1.73E-07	2.60E-07	6.58E-05	3.08E-05	2.12E-04	1.29E-05	9.54E-06	2.65E-04	2.93E-05	0.00E+00	1.73E-07	2.60E-07	2.98E-05
3517	479863.09, 3849877.25	0.01685	0.00619	0.00206	0.00319	7.18E-05	0.00E+00	1.75E-07	2.75E-07	7.22E-05	3.38E-05	1.95E-04	1.31E-05	1.01E-05	2.52E-04	3.22E-05	0.00E+00	1.75E-07	2.75E-07	3.26E-05
3518	480363.09, 3849877.25	0.01376	0.00505	0.00233	0.00334	5.86E-05	0.00E+00	1.98E-07	2.88E-07	5.91E-05	2.76E-05	1.59E-04	1.49E-05	1.05E-05	2.12E-04	2.63E-05	0.00E+00	1.98E-07	2.88E-07	2.68E-05
3519	480863.09, 3849877.25	0.00971	0.00405	0.00302	0.0032	4.14E-05	0.00E+00	2.57E-07	2.76E-07	4.19E-05	1.95E-05	1.28E-04	1.93E-05	1.01E-05	1.76E-04	1.85E-05	0.00E+00	2.57E-07	2.76E-07	1.91E-05
3520	481363.09, 3849877.25	0.00854	0.00362	0.00332	0.00324	3.64E-05	0.00E+00	2.82E-07	2.79E-07	3.69E-05	1.72E-05	1.14E-04	2.12E-05	1.02E-05	1.63E-04	1.63E-05	0.00E+00	2.82E-07	2.79E-07	1.69E-05
3521	481863.09, 3849877.25	0.00527	0.00267	0.00246	0.00321	2.24E-05	0.00E+00	2.09E-07	2.76E-07	2.29E-05	1.06E-05	8.41E-05	1.57E-05	1.01E-05	1.21E-04	1.01E-05	0.00E+00	2.09E-07	2.76E-07	1.06E-05
3522	482363.09, 3849877.25	0.00428	0.0024	0.00231	0.0032	1.82E-05	0.00E+00	1.96E-07	2.76E-07	1.87E-05	8.60E-06	7.56E-05	1.47E-05	1.01E-05	1.09E-04	8.17E-06	0.00E+00	1.96E-07	2.76E-07	8.65E-06
3523	482863.09, 3849877.25	0.00362	0.00217	0.00229	0.00315	1.54E-05	0.00E+00	1.95E-07	2.71E-07	1.59E-05	7.27E-06	6.84E-05	1.46E-05	9.95E-06	1.00E-04	6.91E-06	0.00E+00	1.95E-07	2.71E-07	7.38E-06
3524	483363.09, 3849877.25	0.00318	0.00199	0.00237	0.00311	1.35E-05	0.00E+00	2.02E-07	2.68E-07	1.40E-05	6.39E-06	6.27E-05	1.51E-05	9.82E-06	9.40E-05	6.07E-06	0.00E+00	2.02E-07	2.68E-07	6.54E-06
3525	483863.09, 3849877.25	0.0032	0.00196	0.0026	0.00314	1.36E-05	0.00E+00	2.21E-07	2.70E-07	1.41E-05	6.43E-06	6.17E-05	1.66E-05	9.91E-06	9.47E-05	6.11E-06	0.00E+00	2.21E-07	2.70E-07	6.60E-06
3526	484363.09, 3849877.25	0.00428	0.00226	0.00299	0.00327	1.82E-05	0.00E+00	2.54E-07	2.82E-07	1.88E-05	8.60E-06	7.12E-05	1.91E-05	1.03E-05	1.09E-04	8.17E-06	0.00E+00	2.54E-07	2.82E-07	8.71E-06
3527	484863.09, 3849877.25	0.00566	0.00266	0.00362	0.00347	2.41E-05	0.00E+00	3.08E-07	2.99E-07	2.47E-05	1.14E-05	8.38E-05	2.31E-05	1.10E-05	1.29E-04	1.08E-05	0.00E+00	3.08E-07	2.99E-07	1.14E-05
3528	485363.09, 3849877.25	0.00499	0.00257	0.00426	0.00352	2.13E-05	0.00E+00	3.62E-07	3.03E-07	2.19E-05	1.00E-05	8.10E-05	2.72E-05	1.11E-05	1.29E-04	9.53E-06	0.00E+00	3.62E-07	3.03E-07	1.02E-05
3529	485863.09, 3849877.25	0.00389	0.00226	0.00427	0.00344	1.66E-05	0.00E+00	3.63E-07	2.96E-07	1.72E-05	7.81E-06	7.12E-05	2.72E-05	1.09E-05	1.17E-04	7.43E-06	0.00E+00	3.63E-07	2.96E-07	8.09E-06
3530	486363.09, 3849877.25	0.00347	0.00212	0.00372	0.00337	1.48E-05	0.00E+00	3.16E-07	2.90E-07	1.54E-05	6.97E-06	6.68E-05	2.37E-05	1.06E-05	1.08E-04	6.63E-06	0.00E+00	3.16E-07	2.90E-07	7.23E-06
3531	486863.09, 3849877.25	0.00379	0.00229	0.00315	0.00338	1.61E-05	0.00E+00	2.68E-07	2.91E-07	1.67E-05	7.61E-06	7.21E-05	2.01E-05	1.07E-05	1.11E-04	7.24E-06	0.00E+00	2.68E-07	2.91E-07	7.80E-06
3532	487363.09, 3849877.25	0.00359	0.00227	0.00271	0.00343	1.53E-05	0.00E+00	2.30E-07	2.95E-07	1.58E-05	7.21E-06	7.15E-05	1.73E-05	1.08E-05	1.07E-04	6.86E-06	0.00E+00	2.30E-07	2.95E-07	7.38E-06
3533	487863.09, 3849877.25	0.00347	0.00218	0.00257	0.00347	1.48E-05	0.00E+00	2.19E-07	2.99E-07	1.53E-05	6.97E-06	6.87E-05	1.64E-05	1.10E-05	1.03E-04	6.63E-06	0.00E+00	2.19E-07	2.99E-07	7.14E-06
3534	488363.09, 3849877.25	0.00348	0.00221	0.00285	0.00356	1.48E-05	0.00E+00	2.42E-07	3.07E-07	1.54E-05	6.99E-06	6.96E-05	1.82E-05	1.12E-05	1.06E-04	6.65E-06	0.00E+00	2.42E-07	3.07E-07	7.20E-06
3535	488863.09, 3849877.25	0.00365	0.00228	0.00329	0.00369	1.55E-05	0.00E+00	2.80E-07	3.18E-07	1.61E-05	7.33E-06	7.18E-05	2.10E-05	1.17E-05	1.12E-04	6.97E-06	0.00E+00	2.80E-07	3.18E-07	7.57E-06
3536	489363.09, 3849877.25	0.00375	0.00233	0.00356	0.00385	1.60E-05	0.00E+00	3.03E-07	3.32E-07	1.66E-05	7.53E-06	7.34E-05	2.27E-05	1.22E-05	1.16E-04	7.16E-06	0.00E+00	3.03E-07	3.32E-07	7.80E-06

3537	489863.09, 3849877.25	0.00374	0.00232	0.00349	0.00406	1.59E-05	0.00E+00	2.97E-07	3.50E-07	1.66E-05	7.51E-06	7.31E-05	2.23E-05	1.28E-05	1.16E-04	7.14E-06	0.00E+00	2.97E-07	3.50E-07	7.79E-06
3538	490363.09, 3849877.25	0.0037	0.00227	0.0034	0.00416	1.58E-05	0.00E+00	2.89E-07	3.58E-07	1.64E-05	7.43E-06	7.15E-05	2.17E-05	1.31E-05	1.14E-04	7.07E-06	0.00E+00	2.89E-07	3.58E-07	7.71E-06
3539	490863.09, 3849877.25	0.0038	0.00235	0.00347	0.00427	1.62E-05	0.00E+00	2.95E-07	3.68E-07	1.68E-05	7.63E-06	7.40E-05	2.21E-05	1.35E-05	1.17E-04	7.26E-06	0.00E+00	2.95E-07	3.68E-07	7.92E-06
3540	491363.09, 3849877.25	0.00386	0.00241	0.00334	0.00439	1.64E-05	0.00E+00	2.84E-07	3.78E-07	1.71E-05	7.75E-06	7.59E-05	2.13E-05	1.39E-05	1.19E-04	7.37E-06	0.00E+00	2.84E-07	3.78E-07	8.03E-06
3541	491863.09, 3849877.25	0.00377	0.00241	0.00291	0.0045	1.61E-05	0.00E+00	2.47E-07	3.87E-07	1.67E-05	7.57E-06	7.59E-05	1.86E-05	1.42E-05	1.16E-04	7.20E-06	0.00E+00	2.47E-07	3.87E-07	7.84E-06
3542	492363.09, 3849877.25	0.00383	0.0024	0.00273	0.00462	1.63E-05	0.00E+00	2.32E-07	3.98E-07	1.69E-05	7.69E-06	7.56E-05	1.74E-05	1.46E-05	1.15E-04	7.32E-06	0.00E+00	2.32E-07	3.98E-07	7.95E-06
3543	492863.09, 3849877.25	0.00376	0.00237	0.00269	0.00469	1.60E-05	0.00E+00	2.29E-07	4.04E-07	1.66E-05	7.55E-06	7.47E-05	1.72E-05	1.48E-05	1.14E-04	7.18E-06	0.00E+00	2.29E-07	4.04E-07	7.81E-06
3544	493363.09, 3849877.25	0.00369	0.00239	0.00267	0.00474	1.57E-05	0.00E+00	2.27E-07	4.08E-07	1.63E-05	7.41E-06	7.53E-05	1.70E-05	1.50E-05	1.15E-04	7.05E-06	0.00E+00	2.27E-07	4.08E-07	7.68E-06
3545	493863.09, 3849877.25	0.00381	0.00245	0.00279	0.00486	1.62E-05	0.00E+00	2.37E-07	4.18E-07	1.69E-05	7.65E-06	7.72E-05	1.78E-05	1.53E-05	1.18E-04	7.28E-06	0.00E+00	2.37E-07	4.18E-07	7.93E-06
3546	494363.09, 3849877.25	0.00477	0.00285	0.00345	0.00517	2.03E-05	0.00E+00	2.93E-07	4.45E-07	2.11E-05	9.58E-06	8.98E-05	2.20E-05	1.63E-05	1.38E-04	9.11E-06	0.00E+00	2.93E-07	4.45E-07	9.85E-06
3547	494863.09, 3849877.25	0.00561	0.00322	0.00405	0.00541	2.39E-05	0.00E+00	3.44E-07	4.66E-07	2.47E-05	1.13E-05	1.01E-04	2.58E-05	1.71E-05	1.56E-04	1.07E-05	0.00E+00	3.44E-07	4.66E-07	1.15E-05
3548	495363.09, 3849877.25	0.00531	0.0031	0.00422	0.00545	2.26E-05	0.00E+00	3.59E-07	4.69E-07	2.34E-05	1.07E-05	9.76E-05	2.69E-05	1.72E-05	1.52E-04	1.01E-05	0.00E+00	3.59E-07	4.69E-07	1.10E-05
3549	495863.09, 3849877.25	0.00633	0.00354	0.00489	0.00573	2.70E-05	0.00E+00	4.16E-07	4.93E-07	2.79E-05	1.27E-05	1.12E-04	3.12E-05	1.81E-05	1.74E-04	1.21E-05	0.00E+00	4.16E-07	4.93E-07	1.30E-05
3550	496363.09, 3849877.25	0.00699	0.0038	0.00521	0.00593	2.98E-05	0.00E+00	4.43E-07	5.11E-07	3.07E-05	1.40E-05	1.20E-04	3.32E-05	1.87E-05	1.86E-04	1.34E-05	0.00E+00	4.43E-07	5.11E-07	1.43E-05
3551	496863.09, 3849877.25	0.00756	0.00399	0.00531	0.00611	3.22E-05	0.00E+00	4.52E-07	5.26E-07	3.32E-05	1.52E-05	1.26E-04	3.39E-05	1.93E-05	1.94E-04	1.44E-05	0.00E+00	4.52E-07	5.26E-07	1.54E-05
3552	497363.09, 3849877.25	0.00926	0.00459	0.00552	0.00638	3.94E-05	0.00E+00	4.69E-07	5.49E-07	4.05E-05	1.86E-05	1.45E-04	3.52E-05	2.01E-05	2.19E-04	1.77E-05	0.00E+00	4.69E-07	5.49E-07	1.87E-05
3553	497863.09, 3849877.25	0.01018	0.00491	0.00553	0.00657	4.34E-05	0.00E+00	4.70E-07	5.66E-07	4.44E-05	2.04E-05	1.55E-04	3.53E-05	2.07E-05	2.31E-04	1.94E-05	0.00E+00	4.70E-07	5.66E-07	2.05E-05
3554	498363.09, 3849877.25	0.01013	0.00492	0.00567	0.00668	4.31E-05	0.00E+00	4.82E-07	5.75E-07	4.42E-05	2.03E-05	1.55E-04	3.62E-05	2.11E-05	2.33E-04	1.93E-05	0.00E+00	4.82E-07	5.75E-07	2.04E-05
3555	471363.09, 3850377.25	0.00503	0.00323	0.00203	0.00257	2.14E-05	0.00E+00	1.73E-07	2.21E-07	2.18E-05	1.01E-05	1.02E-04	1.29E-05	8.11E-06	1.33E-04	9.61E-06	0.00E+00	1.73E-07	2.21E-07	1.00E-05
3556	471863.09, 3850377.25	0.00603	0.00429	0.00204	0.00263	2.57E-05	0.00E+00	1.73E-07	2.26E-07	2.61E-05	1.21E-05	1.35E-04	1.30E-05	8.30E-06	1.69E-04	1.15E-05	0.00E+00	1.73E-07	2.26E-07	1.19E-05
3557	472363.09, 3850377.25	0.00655	0.00498	0.00194	0.00266	2.79E-05	0.00E+00	1.65E-07	2.29E-07	2.83E-05	1.32E-05	1.57E-04	1.24E-05	8.40E-06	1.91E-04	1.25E-05	0.00E+00	1.65E-07	2.29E-07	1.29E-05
3558	472863.09, 3850377.25	0.00736	0.00613	0.00186	0.0027	3.13E-05	0.00E+00	1.58E-07	2.32E-07	3.17E-05	1.48E-05	1.93E-04	1.19E-05	8.52E-06	2.28E-04	1.41E-05	0.00E+00	1.58E-07	2.32E-07	1.44E-05
3559	473363.09, 3850377.25	0.00781	0.0063	0.0018	0.00272	3.33E-05	0.00E+00	1.53E-07	2.34E-07	3.36E-05	1.57E-05	1.98E-04	1.15E-05	8.59E-06	2.34E-04	1.49E-05	0.00E+00	1.53E-07	2.34E-07	1.53E-05
3560	473863.09, 3850377.25	0.00844	0.00667	0.0018	0.00275	3.59E-05	0.00E+00	1.53E-07	2.37E-07	3.63E-05	1.70E-05	2.10E-04	1.15E-05	8.68E-06	2.47E-04	1.61E-05	0.00E+00	1.53E-07	2.37E-07	1.65E-05
3561	474363.09, 3850377.25	0.00927	0.00697	0.00187	0.00279	3.95E-05	0.00E+00	1.59E-07	2.40E-07	3.99E-05	1.86E-05	2.20E-04	1.19E-05	8.81E-06	2.59E-04	1.77E-05	0.00E+00	1.59E-07	2.40E-07	1.81E-05
3562	474863.09, 3850377.25	0.01025	0.00706	0.00196	0.00283	4.37E-05	0.00E+00	1.67E-07	2.44E-07	4.41E-05	2.06E-05	2.22E-04	1.25E-05	8.94E-06	2.64E-04	1.96E-05	0.00E+00	1.67E-07	2.44E-07	2.00E-05
3563	475363.09, 3850377.25	0.01114	0.00714	0.00203	0.00287	4.74E-05	0.00E+00	1.73E-07	2.47E-07	4.79E-05	2.24E-05	2.25E-04	1.29E-05	9.06E-06	2.69E-04	2.13E-05	0.00E+00	1.73E-07	2.47E-07	2.17E-05
3564	475863.09, 3850377.25	0.0117	0.00705	0.00205	0.00291	4.98E-05	0.00E+00	1.74E-07	2.51E-07	5.03E-05	2.35E-05	2.22E-04	1.31E-05	9.19E-06	2.68E-04	2.23E-05	0.00E+00	1.74E-07	2.51E-07	2.28E-05
3565	476363.09, 3850377.25	0.01194	0.00685	0.00203	0.00294	5.08E-05	0.00E+00	1.73E-07	2.53E-07	5.13E-05	2.40E-05	2.16E-04	1.29E-05	9.28E-06	2.62E-04	2.28E-05	0.00E+00	1.73E-07	2.53E-07	2.32E-05
3566	476863.09, 3850377.25	0.01202	0.0069	0.00201	0.00296	5.12E-05	0.00E+00	1.71E-07	2.55E-07	5.16E-05	2.41E-05	2.17E-04	1.28E-05	9.35E-06	2.64E-04	2.30E-05	0.00E+00	1.71E-07	2.55E-07	2.34E-05
3567	477363.09, 3850377.25	0.01206	0.00797	0.00204	0.00294	5.14E-05	0.00E+00	1.73E-07	2.53E-07	5.18E-05	2.42E-05	2.51E-04	1.30E-05	9.28E-06	2.98E-04	2.30E-05	0.00E+00	1.73E-07	2.53E-07	2.35E-05
3568	477863.09, 3850377.25	0.01202	0.0097	0.0021	0.00291	5.12E-05	0.00E+00	1.79E-07	2.51E-07	5.16E-05	2.41E-05	3.06E-04	1.34E-05	9.19E-06	3.52E-04	2.30E-05	0.00E+00	1.79E-07	2.51E-07	2.34E-05
3569	478363.09, 3850377.25	0.01162	0.01026	0.00216	0.00291	4.95E-05	0.00E+00	1.84E-07	2.51E-07	4.99E-05	2.33E-05	3.23E-04	1.38E-05	9.19E-06	3.69E-04	2.22E-05	0.00E+00	1.84E-07	2.51E-07	2.26E-05
3570	478863.09, 3850377.25	0.0113	0.01036	0.00219	0.00298	4.81E-05	0.00E+00	1.86E-07	2.57E-07	4.86E-05	2.27E-05	3.26E-04	1.40E-05	9.41E-06	3.72E-04	2.16E-05	0.00E+00	1.86E-07	2.57E-07	2.20E-05
3571	479363.09, 3850377.25	0.01318	0.00987	0.00217	0.00306	5.61E-05	0.00E+00	1.85E-07	2.63E-07	5.66E-05	2.65E-05	3.11E-04	1.38E-05	9.66E-06	3.61E-04	2.52E-05	0.00E+00	1.85E-07	2.63E-07	2.56E-05
3572	479863.09, 3850377.25	0.0178	0.00814	0.00214	0.0032	7.58E-05	0.00E+00	1.82E-07	2.76E-07	7.63E-05	3.58E-05	2.56E-04	1.37E-05	1.01E-05	3.16E-04	3.40E-05	0.00E+00	1.82E-07	2.76E-07	3.45E-05
3573	480363.09, 3850377.25	0.01937	0.00701	0.00218	0.00347	8.25E-05	0.00E+00	1.85E-07	2.99E-07	8.30E-05	3.89E-05	2.21E-04	1.39E-05	1.10E-05	2.85E-04	3.70E-05	0.00E+00	1.85E-07	2.99E-07	3.75E-05
3574	480863.09, 3850377.25	0.01673	0.00647	0.00246	0.00355	7.12E-05	0.00E+00	2.09E-07	3.06E-07	7.18E-05	3.36E-05	2.04E-04	1.57E-05	1.12E-05	2.64E-04	3.20E-05	0.00E+00	2.09E-07	3.06E-07	3.25E-05
3575	481363.09, 3850377.25	0.01055	0.00425	0.00329	0.00345	4.49E-05	0.00E+00	2.80E-07	2.97E-07	4.55E-05	2.12E-05	1.34E-04	2.10E-05	1.09E-05	1.87E-04	2.01E-05	0.00E+00	2.80E-07	2.97E-07	2.07E-05
3576	481863.09, 3850377.25	0.00971	0.00393	0.0038	0.00373	4.14E-05	0.00E+00	3.23E-07	3.21E-07	4.20E-05	1.95E-05	1.24E-04	2.42E-05	1.18E-05	1.79E-04	1.85E-05	0.00E+00	3.23E-07	3.21E-07	1.92E-05
3577	482363.09, 3850377.25	0.00861	0.00366	0.00301	0.00392	3.67E-05	0.00E+00	2.56E-07	3.38E-07	3.73E-05	1.73E-05	1.15E-04	1.92E-05	1.24E-05	1.64E-04	1.64E-05	0.00E+00	2.56E-07	3.38E-07	1.70E-05
3578	482863.09, 3850377.25	0.00562	0.00281	0.00255	0.00348	2.39E-05	0.00E+00	2.17E-07	3.00E-07	2.45E-05	1.13E-05	8.85E-05	1.63E-05	1.10E-05	1.27E-04	1.07E-05	0.00E+00	2.17E-07	3.00E-07	1.13E-05
3579	483363.09, 3850377.25	0.00437	0.00243	0.0025	0.00337	1.86E-05	0.00E+00	2.13E-07	2.90E-07	1.91E-05	8.78E-06	7.65E-05	1.59E-05	1.06E-05	1.12E-04	8.35E-06	0.00E+00	2.13E-07	2.90E-07	8.85E-06
3580	483863.09, 3850377.25	0.00466	0.00252	0.00277	0.00341	1.98E-05	0.00E+00	2.36E-07	2.94E-07	2.04E-05	9.36E-06	7.94E-05	1.77E-05	1.08E-05	1.17E-04	8.90E-06	0.00E+00	2.36E-07	2.94E-07	9.43E-06
3581	484363.09, 3850377.25	0.00582	0.00274	0.00329	0.00353	2.48E-05	0.00E+00	2.80E-07	3.04E-07	2.54E-05	1.17E-05	8.63E-05	2.10E-05	1.11E-05	1.30E-04	1.11E-05	0.00E+00	2.80E-07	3.04E-07	1.17E-05
3582	484863.09, 3850377.25	0.00691	0.00299	0.00362	0.00374	2.94E-05	0.00E+00	3.08E-07	3.22E-07	3.01E-05	1.39E-05	9.42E-05	2.31E-05	1.18E-05	1.43E-04	1.32E-05	0.00E+00	3.08E-07	3.22E-07	1.38E-05
3583	485363.09, 3850377.25	0.00639	0.00303	0.00443	0.00389	2.72E-05	0.00E+00	3.77E-07	3.35E-07	2.79E-05	1.28E-05	9.54E-05	2.83E-05	1.23E-05	1.49E-04	1.22E-05	0.00E+00	3.77E-07	3.35E-07	1.29E-05
3584	485863.09, 3850377.25	0.00535	0.00277	0.00501	0.00384	2.28E-05	0.00E+00	4.26E-07	3.31E-07	2.35E-05	1.07E-05	8.73E-05	3.20E-05	1.21E-05	1.42E-04	1.02E-05	0.00E+00	4.26E-07	3.31E-07	1.10E-05
3585	486363.09, 3850377.25	0.00499	0.00268	0.00472	0.00378	2.13E-05	0.00E+00	4.01E-07	3.25E-07	2.20E-05	1.00E-05	8.44E-05	3.01E-05	1.19E-05	1.36E-04	9.53E-06	0.00E+00	4.01E-07	3.25E-07	1.03E-05
3586	486863.09, 3850377.25	0.00481	0.00276	0.00392	0.00379	2.05E-05	0.00E+00	3.33E-07	3.26E-07	2.11E-05	9.66E-06	8.69E-05	2.50E-05	1.20E-05	1.34E-04	9.19E-06	0.00E+00	3.33E-07	3.26E-07	9.85E-06
3587	487363.09, 3850377.25	0.00439	0.00265	0.00298	0.0038	1.87E-05	0.00E+00	2.53E-07	3.27E-07	1.93E-05	8.82E-06	8.35E-05	1.90E-05	1.20E-05	1.23E-04	8.38E-06	0.00E+00	2.53E-07	3.27E-07	8.97E-06
3588	487863.09, 3850377.25	0.00429	0.00257	0.00276	0.00386	1.83E-05	0.00E+00	2.35E-07	3.32E-07	1.88E-05	8.62E-06	8.10E-05	1.76E-05	1.22E-05	1.19E-04	8.19E-06	0.00E+00	2.35E-07	3.32E-07	8.76E-06
3589	488363.09, 3850377.25	0.00439	0.00262	0.00305	0.00398	1.87E-05	0.00E+00	2.59E-07	3.43E-07	1.93E-05	8.82E-06	8.25E-05	1.95E-05	1.26E-05	1.23E-04	8.38E-06	0.00E+00	2.59E-07	3.43E-07	8.99E-06
3590	488863.09, 3850377.25	0.0046	0.00268	0.00354	0.00414	1.96E-05	0.00E+00	3.01E-07	3.56E-07	2.02E-05	9.24E-06	8.44E-05	2.26E-05	1.31E-05	1.29E-04	8.79E-06	0.00E+00	3.01E-07	3.56E-07	9.44E-06
3591	489363.09, 3850377.25	0.00463	0.00274	0.00378	0.00439	1.97E-05	0.00E+00	3.21E-07	3.78E-07	2.04E-05	9.30E-06	8.63E-05	2.41E-05	1.39E-05	1.34E-04	8.84E-06	0.00E+00	3.21E-07	3.78E-07	9.54E-06
3592	489863.09, 3850377.25	0.00461	0.00272	0.00368	0.00462	1.96E-05	0.00E+00	3.13E-07	3.98E-07	2.03E-05	9.26E-06	8.57E-05	2.35E-05	1.46E-05	1.33E-04	8.80E-06	0.00E+00	3.13E-07	3.98E-07	9.52E-06
3593	490363.09, 3850377.25	0.0047	0.00274	0.00367	0.00475	2.00E-05	0.00E+00	3.12E-07	4.09E-07	2.07E-05	9.44E-06	8.63E-05	2.34E-05	1.50E-05	1.34E-04	8.98E-06	0.00E+00	3.12E-07	4.09E-07	9.70E-06
3594	490863.09, 3850377.25	0.00474	0.00284	0.00372	0.00483	2.02E-05	0.00E+00	3.16E-07	4.16E-07	2.09E-05	9.52E-06	8.95E-05	2.37E-05	1.53E-05	1.38E-04	9.05E-06	0.00E+00	3.16E-07	4.16E-07	9.79E-06
3595	491363.09, 3850377.25	0.00487	0.00291	0.00348	0.00498	2.07E-05	0.00E+00	2.96E-07	4.29E-07	2.15E-05	9.78E-06	9.17E-05	2.22E-05	1.57E-05	1.39E-04	9.30E-06	0.00E+00	2.96E-07	4.29E-07	1.00E-05

3596	491863.09, 3850377.25	0.00485	0.00289	0.00314	0.0051	2.07E-05	0.00E+00	2.67E-07	4.39E-07	2.14E-05	9.74E-06	9.10E-05	2.00E-05	1.61E-05	1.37E-04	9.26E-06	0.00E+00	2.67E-07	4.39E-07	9.97E-06
3597	492363.09, 3850377.25	0.0048	0.00287	0.00294	0.00523	2.04E-05	0.00E+00	2.50E-07	4.50E-07	2.11E-05	9.64E-06	9.04E-05	1.88E-05	1.65E-05	1.35E-04	9.17E-06	0.00E+00	2.50E-07	4.50E-07	9.87E-06
3598	492863.09, 3850377.25	0.00491	0.00295	0.00297	0.00539	2.09E-05	0.00E+00	2.53E-07	4.64E-07	2.16E-05	9.86E-06	9.29E-05	1.89E-05	1.70E-05	1.39E-04	9.38E-06	0.00E+00	2.53E-07	4.64E-07	1.01E-05
3599	493363.09, 3850377.25	0.00496	0.00297	0.00312	0.00546	2.11E-05	0.00E+00	2.65E-07	4.70E-07	2.19E-05	9.96E-06	9.36E-05	1.99E-05	1.72E-05	1.41E-04	9.47E-06	0.00E+00	2.65E-07	4.70E-07	1.02E-05
3600	493863.09, 3850377.25	0.00566	0.00327	0.00359	0.00568	2.41E-05	0.00E+00	3.05E-07	4.89E-07	2.49E-05	1.14E-05	1.03E-04	2.29E-05	1.79E-05	1.55E-04	1.08E-05	0.00E+00	3.05E-07	4.89E-07	1.16E-05
3601	494363.09, 3850377.25	0.00632	0.00353	0.00415	0.0059	2.69E-05	0.00E+00	3.53E-07	5.08E-07	2.78E-05	1.27E-05	1.11E-04	2.65E-05	1.86E-05	1.69E-04	1.21E-05	0.00E+00	3.53E-07	5.08E-07	1.29E-05
3602	494863.09, 3850377.25	0.00736	0.00395	0.0049	0.00613	3.13E-05	0.00E+00	4.17E-07	5.28E-07	3.23E-05	1.48E-05	1.24E-04	3.13E-05	1.94E-05	1.90E-04	1.41E-05	0.00E+00	4.17E-07	5.28E-07	1.50E-05
3603	495363.09, 3850377.25	0.00868	0.00445	0.00549	0.00638	3.70E-05	0.00E+00	4.67E-07	5.49E-07	3.80E-05	1.74E-05	1.40E-04	3.50E-05	2.01E-05	2.13E-04	1.66E-05	0.00E+00	4.67E-07	5.49E-07	1.76E-05
3604	495863.09, 3850377.25	0.00871	0.00447	0.00568	0.00655	3.71E-05	0.00E+00	4.83E-07	5.64E-07	3.81E-05	1.75E-05	1.41E-04	3.62E-05	2.07E-05	2.15E-04	1.66E-05	0.00E+00	4.83E-07	5.64E-07	1.77E-05
3605	496363.09, 3850377.25	0.0101	0.00493	0.00597	0.00678	4.30E-05	0.00E+00	5.08E-07	5.84E-07	4.41E-05	2.03E-05	1.55E-04	3.81E-05	2.14E-05	2.35E-04	1.93E-05	0.00E+00	5.08E-07	5.84E-07	2.04E-05
3606	496863.09, 3850377.25	0.01148	0.00539	0.00595	0.00702	4.89E-05	0.00E+00	5.06E-07	6.04E-07	5.00E-05	2.31E-05	1.70E-04	3.80E-05	2.22E-05	2.53E-04	2.19E-05	0.00E+00	5.06E-07	6.04E-07	2.30E-05
3607	497363.09, 3850377.25	0.01226	0.00566	0.00597	0.00722	5.22E-05	0.00E+00	5.08E-07	6.22E-07	5.33E-05	2.46E-05	1.78E-04	3.81E-05	2.28E-05	2.64E-04	2.34E-05	0.00E+00	5.08E-07	6.22E-07	2.45E-05
3608	497863.09, 3850377.25	0.01242	0.00577	0.00618	0.00734	5.29E-05	0.00E+00	5.26E-07	6.32E-07	5.41E-05	2.49E-05	1.82E-04	3.94E-05	2.32E-05	2.69E-04	2.37E-05	0.00E+00	5.26E-07	6.32E-07	2.49E-05
3609	498363.09, 3850377.25	0.01249	0.00588	0.00657	0.00749	5.32E-05	0.00E+00	5.59E-07	6.45E-07	5.44E-05	2.51E-05	1.85E-04	4.19E-05	2.36E-05	2.76E-04	2.39E-05	0.00E+00	5.59E-07	6.45E-07	2.51E-05
3610	471363.09, 3850877.25	0.00664	0.00365	0.00252	0.00276	2.83E-05	0.00E+00	2.14E-07	2.38E-07	2.87E-05	1.33E-05	1.15E-04	1.61E-05	8.71E-06	1.53E-04	1.27E-05	0.00E+00	2.14E-07	2.38E-07	1.31E-05
3611	471863.09, 3850877.25	0.00699	0.0041	0.00248	0.00281	2.98E-05	0.00E+00	2.11E-07	2.42E-07	3.02E-05	1.40E-05	1.29E-04	1.58E-05	8.87E-06	1.68E-04	1.34E-05	0.00E+00	2.11E-07	2.42E-07	1.38E-05
3612	472363.09, 3850877.25	0.00744	0.00485	0.00242	0.00286	3.17E-05	0.00E+00	2.06E-07	2.46E-07	3.21E-05	1.49E-05	1.53E-04	1.54E-05	9.03E-06	1.92E-04	1.42E-05	0.00E+00	2.06E-07	2.46E-07	1.47E-05
3613	472863.09, 3850877.25	0.00778	0.0058	0.00228	0.00288	3.31E-05	0.00E+00	1.94E-07	2.48E-07	3.36E-05	1.56E-05	1.83E-04	1.45E-05	9.09E-06	2.22E-04	1.49E-05	0.00E+00	1.94E-07	2.48E-07	1.53E-05
3614	473363.09, 3850877.25	0.00765	0.00568	0.0021	0.00287	3.26E-05	0.00E+00	1.79E-07	2.47E-07	3.30E-05	1.54E-05	1.79E-04	1.34E-05	9.06E-06	2.17E-04	1.46E-05	0.00E+00	1.79E-07	2.47E-07	1.50E-05
3615	473863.09, 3850877.25	0.00832	0.00656	0.00198	0.0029	3.54E-05	0.00E+00	1.68E-07	2.50E-07	3.59E-05	1.67E-05	2.07E-04	1.26E-05	9.16E-06	2.45E-04	1.59E-05	0.00E+00	1.68E-07	2.50E-07	1.63E-05
3616	474363.09, 3850877.25	0.00905	0.00749	0.00192	0.00294	3.85E-05	0.00E+00	1.63E-07	2.53E-07	3.90E-05	1.82E-05	2.36E-04	1.22E-05	9.28E-06	2.76E-04	1.73E-05	0.00E+00	1.63E-07	2.53E-07	1.77E-05
3617	474863.09, 3850877.25	0.00979	0.00777	0.00193	0.00297	4.17E-05	0.00E+00	1.64E-07	2.56E-07	4.21E-05	1.97E-05	2.45E-04	1.23E-05	9.38E-06	2.86E-04	1.87E-05	0.00E+00	1.64E-07	2.56E-07	1.91E-05
3618	475363.09, 3850877.25	0.01077	0.00795	0.002	0.00301	4.59E-05	0.00E+00	1.70E-07	2.59E-07	4.63E-05	2.16E-05	2.50E-04	1.28E-05	9.50E-06	2.94E-04	2.06E-05	0.00E+00	1.70E-07	2.59E-07	2.10E-05
3619	475863.09, 3850877.25	0.01191	0.00805	0.00209	0.00306	5.07E-05	0.00E+00	1.78E-07	2.63E-07	5.12E-05	2.39E-05	2.54E-04	1.33E-05	9.66E-06	3.00E-04	2.27E-05	0.00E+00	1.78E-07	2.63E-07	2.32E-05
3620	476363.09, 3850877.25	0.01283	0.00804	0.00215	0.00311	5.46E-05	0.00E+00	1.83E-07	2.68E-07	5.51E-05	2.58E-05	2.53E-04	1.37E-05	9.82E-06	3.03E-04	2.45E-05	0.00E+00	1.83E-07	2.68E-07	2.50E-05
3621	476863.09, 3850877.25	0.01353	0.00787	0.00216	0.00315	5.76E-05	0.00E+00	1.84E-07	2.71E-07	5.81E-05	2.72E-05	2.48E-04	1.38E-05	9.95E-06	2.99E-04	2.58E-05	0.00E+00	1.84E-07	2.71E-07	2.63E-05
3622	477363.09, 3850877.25	0.01388	0.0079	0.00215	0.00318	5.91E-05	0.00E+00	1.83E-07	2.74E-07	5.96E-05	2.79E-05	2.49E-04	1.37E-05	1.00E-05	3.00E-04	2.65E-05	0.00E+00	1.83E-07	2.74E-07	2.70E-05
3623	477863.09, 3850877.25	0.01398	0.00898	0.00215	0.00317	5.95E-05	0.00E+00	1.83E-07	2.73E-07	6.00E-05	2.81E-05	2.83E-04	1.37E-05	1.00E-05	3.35E-04	2.67E-05	0.00E+00	1.83E-07	2.73E-07	2.72E-05
3624	478363.09, 3850877.25	0.01398	0.01114	0.00221	0.00314	5.95E-05	0.00E+00	1.88E-07	2.70E-07	6.00E-05	2.81E-05	3.51E-04	1.41E-05	9.91E-06	4.03E-04	2.67E-05	0.00E+00	1.88E-07	2.70E-07	2.72E-05
3625	478863.09, 3850877.25	0.01376	0.0127	0.00228	0.00313	5.86E-05	0.00E+00	1.94E-07	2.70E-07	5.91E-05	2.76E-05	4.00E-04	1.45E-05	9.88E-06	4.52E-04	2.63E-05	0.00E+00	1.94E-07	2.70E-07	2.67E-05
3626	479363.09, 3850877.25	0.01343	0.01216	0.00232	0.00319	5.72E-05	0.00E+00	1.97E-07	2.75E-07	5.77E-05	2.70E-05	3.83E-04	1.48E-05	1.01E-05	4.35E-04	2.57E-05	0.00E+00	1.97E-07	2.75E-07	2.61E-05
3627	479863.09, 3850877.25	0.01519	0.01091	0.00231	0.0033	6.47E-05	0.00E+00	1.96E-07	2.84E-07	6.52E-05	3.05E-05	3.44E-04	1.47E-05	1.04E-05	3.99E-04	2.90E-05	0.00E+00	1.96E-07	2.84E-07	2.95E-05
3628	480363.09, 3850877.25	0.02015	0.01052	0.00228	0.00339	8.58E-05	0.00E+00	1.94E-07	2.92E-07	8.63E-05	4.05E-05	3.31E-04	1.45E-05	1.07E-05	3.97E-04	3.85E-05	0.00E+00	1.94E-07	2.92E-07	3.90E-05
3629	480863.09, 3850877.25	0.02297	0.00931	0.00231	0.00361	9.78E-05	0.00E+00	1.96E-07	3.11E-07	9.83E-05	4.61E-05	2.93E-04	1.47E-05	1.14E-05	3.66E-04	4.39E-05	0.00E+00	1.96E-07	3.11E-07	4.44E-05
3630	481363.09, 3850877.25	0.01941	0.00772	0.00258	0.00378	8.27E-05	0.00E+00	2.19E-07	3.25E-07	8.32E-05	3.90E-05	2.43E-04	1.65E-05	1.19E-05	3.11E-04	3.71E-05	0.00E+00	2.19E-07	3.25E-07	3.76E-05
3631	481863.09, 3850877.25	0.01569	0.00628	0.00347	0.00397	6.68E-05	0.00E+00	2.95E-07	3.42E-07	6.75E-05	3.15E-05	1.98E-04	2.21E-05	1.25E-05	2.64E-04	3.00E-05	0.00E+00	2.95E-07	3.42E-07	3.06E-05
3632	482363.09, 3850877.25	0.01252	0.00482	0.00377	0.0042	5.33E-05	0.00E+00	3.21E-07	3.62E-07	5.40E-05	2.51E-05	1.52E-04	2.40E-05	1.33E-05	2.14E-04	2.39E-05	0.00E+00	3.21E-07	3.62E-07	2.46E-05
3633	482863.09, 3850877.25	0.00988	0.00401	0.00316	0.00431	4.21E-05	0.00E+00	2.69E-07	3.71E-07	4.27E-05	1.98E-05	1.26E-04	2.02E-05	1.36E-05	1.80E-04	1.89E-05	0.00E+00	2.69E-07	3.71E-07	1.95E-05
3634	483363.09, 3850877.25	0.00726	0.00327	0.0031	0.00383	3.09E-05	0.00E+00	2.64E-07	3.30E-07	3.15E-05	1.46E-05	1.03E-04	1.98E-05	1.21E-05	1.49E-04	1.39E-05	0.00E+00	2.64E-07	3.30E-07	1.45E-05
3635	483863.09, 3850877.25	0.00674	0.00314	0.00337	0.00372	2.87E-05	0.00E+00	2.87E-07	3.20E-07	2.93E-05	1.35E-05	9.89E-05	2.15E-05	1.17E-05	1.46E-04	1.29E-05	0.00E+00	2.87E-07	3.20E-07	1.35E-05
3636	484363.09, 3850877.25	0.00812	0.00346	0.00382	0.00386	3.46E-05	0.00E+00	3.25E-07	3.32E-07	3.52E-05	1.63E-05	1.09E-04	2.44E-05	1.22E-05	1.62E-04	1.55E-05	0.00E+00	3.25E-07	3.32E-07	1.62E-05
3637	484863.09, 3850877.25	0.00816	0.00332	0.00378	0.00409	3.48E-05	0.00E+00	3.21E-07	3.52E-07	3.54E-05	1.64E-05	1.05E-04	2.41E-05	1.29E-05	1.58E-04	1.56E-05	0.00E+00	3.21E-07	3.52E-07	1.63E-05
3638	485363.09, 3850877.25	0.00789	0.00351	0.00444	0.00429	3.36E-05	0.00E+00	3.78E-07	3.69E-07	3.43E-05	1.58E-05	1.11E-04	2.83E-05	1.35E-05	1.68E-04	1.51E-05	0.00E+00	3.78E-07	3.69E-07	1.58E-05
3639	485863.09, 3850877.25	0.00647	0.00315	0.00535	0.00421	2.76E-05	0.00E+00	4.55E-07	3.63E-07	2.84E-05	1.30E-05	9.92E-05	3.41E-05	1.33E-05	1.60E-04	1.24E-05	0.00E+00	4.55E-07	3.63E-07	1.32E-05
3640	486363.09, 3850877.25	0.00631	0.00321	0.00544	0.00431	2.69E-05	0.00E+00	4.63E-07	3.71E-07	2.77E-05	1.27E-05	1.01E-04	3.47E-05	1.36E-05	1.62E-04	1.21E-05	0.00E+00	4.63E-07	3.71E-07	1.29E-05
3641	486863.09, 3850877.25	0.00598	0.00326	0.00468	0.00434	2.55E-05	0.00E+00	3.98E-07	3.74E-07	2.62E-05	1.20E-05	1.03E-04	2.99E-05	1.37E-05	1.58E-04	1.14E-05	0.00E+00	3.98E-07	3.74E-07	1.22E-05
3642	487363.09, 3850877.25	0.00537	0.00313	0.00337	0.00426	2.29E-05	0.00E+00	2.87E-07	3.67E-07	2.35E-05	1.08E-05	9.86E-05	2.15E-05	1.35E-05	1.44E-04	1.03E-05	0.00E+00	2.87E-07	3.67E-07	1.09E-05
3643	487863.09, 3850877.25	0.00535	0.00306	0.00298	0.00433	2.28E-05	0.00E+00	2.53E-07	3.73E-07	2.34E-05	1.07E-05	9.64E-05	1.90E-05	1.37E-05	1.40E-04	1.02E-05	0.00E+00	2.53E-07	3.73E-07	1.08E-05
3644	488363.09, 3850877.25	0.0057	0.00315	0.00328	0.00451	2.43E-05	0.00E+00	2.79E-07	3.88E-07	2.49E-05	1.14E-05	9.92E-05	2.09E-05	1.42E-05	1.46E-04	1.09E-05	0.00E+00	2.79E-07	3.88E-07	1.16E-05
3645	488863.09, 3850877.25	0.00577	0.00321	0.00381	0.00478	2.46E-05	0.00E+00	3.24E-07	4.12E-07	2.53E-05	1.16E-05	1.01E-04	2.43E-05	1.51E-05	1.52E-04	1.10E-05	0.00E+00	3.24E-07	4.12E-07	1.18E-05
3646	489363.09, 3850877.25	0.00586	0.00331	0.00409	0.00508	2.50E-05	0.00E+00	3.48E-07	4.37E-07	2.57E-05	1.18E-05	1.04E-04	2.61E-05	1.60E-05	1.58E-04	1.12E-05	0.00E+00	3.48E-07	4.37E-07	1.20E-05
3647	489863.09, 3850877.25	0.00596	0.00333	0.00391	0.0053	2.54E-05	0.00E+00	3.33E-07	4.56E-07	2.62E-05	1.20E-05	1.05E-04	2.49E-05	1.67E-05	1.59E-04	1.14E-05	0.00E+00	3.33E-07	4.56E-07	1.22E-05
3648	490363.09, 3850877.25	0.00612	0.00345	0.00406	0.00544	2.61E-05	0.00E+00	3.45E-07	4.68E-07	2.69E-05	1.23E-05	1.09E-04	2.59E-05	1.72E-05	1.64E-04	1.17E-05	0.00E+00	3.45E-07	4.68E-07	1.25E-05
3649	490863.09, 3850877.25	0.00638	0.00358	0.00399	0.00559	2.72E-05	0.00E+00	3.39E-07	4.81E-07	2.80E-05	1.28E-05	1.13E-04	2.55E-05	1.76E-05	1.69E-04	1.22E-05	0.00E+00	3.39E-07	4.81E-07	1.30E-05
3650	491363.09, 3850877.25	0.00653	0.00362	0.0036	0.00574	2.78E-05	0.00E+00	3.06E-07	4.94E-07	2.86E-05	1.31E-05	1.14E-04	2.30E-05	1.81E-05	1.68E-04	1.25E-05	0.00E+00	3.06E-07	4.94E-07	1.33E-05
3651	491863.09, 3850877.25	0.00666	0.00364	0.00329	0.0059	2.84E-05	0.00E+00	2.80E-07	5.08E-07	2.92E-05	1.34E-05	1.15E-04	2.10E-05	1.86E-05	1.68E-04	1.27E-05	0.00E+00	2.80E-07	5.08E-07	1.35E-05
3652	492363.09, 3850877.25	0.00672	0.0037	0.00328	0.00604	2.86E-05	0.00E+00	2.79E-07	5.20E-07	2.94E-05	1.35E-05	1.17E-04	2.09E-05	1.91E-05	1.70E-04	1.28E-05	0.00E+00	2.79E-07	5.20E-07	1.36E-05
3653	492863.09, 3850877.25	0.00696	0.00384	0.0034	0.00622	2.96E-05	0.00E+00	2.89E-07	5.36E-07	3.05E-05	1.40E-05	1.21E-04	2.17E-05	1.96E-05	1.76E-04	1.33E-05	0.00E+00	2.89E-07	5.36E-07	1.41E-05
3654	493363.09, 3850877.25	0.0074	0.00401	0.00386	0.00638	3.15E-05	0.00E+00	3.28E-07	5.49E-07	3.24E-05	1.49E-05	1.26E-04	2.46E-05	2.01E-05	1.86E-04	1.41E-05	0.00E+00	3.28E-07	5.49E-07	1.50E-05

3655	493863.09, 3850877.25	0.00849	0.0044	0.00454	0.00661	3.62E-05	0.00E+00	3.86E-07	5.69E-07	3.71E-05	1.71E-05	1.39E-04	2.90E-05	2.09E-05	2.05E-04	1.62E-05	0.00E+00	3.86E-07	5.69E-07	1.72E-05
3656	494363.09, 3850877.25	0.00928	0.00466	0.00521	0.0068	3.95E-05	0.00E+00	4.43E-07	5.86E-07	4.05E-05	1.86E-05	1.47E-04	3.32E-05	2.15E-05	2.20E-04	1.77E-05	0.00E+00	4.43E-07	5.86E-07	1.88E-05
3657	494863.09, 3850877.25	0.01065	0.00515	0.00587	0.00704	4.54E-05	0.00E+00	4.99E-07	6.06E-07	4.65E-05	2.14E-05	1.62E-04	3.74E-05	2.22E-05	2.43E-04	2.03E-05	0.00E+00	4.99E-07	6.06E-07	2.14E-05
3658	495363.09, 3850877.25	0.01217	0.00567	0.00643	0.00733	5.18E-05	0.00E+00	5.47E-07	6.31E-07	5.30E-05	2.44E-05	1.79E-04	4.10E-05	2.31E-05	2.67E-04	2.32E-05	0.00E+00	5.47E-07	6.31E-07	2.44E-05
3659	495863.09, 3850877.25	0.01279	0.00587	0.00649	0.00753	5.45E-05	0.00E+00	5.52E-07	6.48E-07	5.57E-05	2.57E-05	1.85E-04	4.14E-05	2.38E-05	2.76E-04	2.44E-05	0.00E+00	5.52E-07	6.48E-07	2.56E-05
3660	496363.09, 3850877.25	0.01374	0.00618	0.00641	0.00775	5.85E-05	0.00E+00	5.45E-07	6.67E-07	5.97E-05	2.76E-05	1.95E-04	4.09E-05	2.45E-05	2.88E-04	2.62E-05	0.00E+00	5.45E-07	6.67E-07	2.75E-05
3661	496863.09, 3850877.25	0.01513	0.00666	0.00659	0.00798	6.44E-05	0.00E+00	5.60E-07	6.87E-07	6.57E-05	3.04E-05	2.10E-04	4.20E-05	2.52E-05	3.07E-04	2.89E-05	0.00E+00	5.60E-07	6.87E-07	3.01E-05
3662	497363.09, 3850877.25	0.01542	0.00683	0.0068	0.00811	6.57E-05	0.00E+00	5.78E-07	6.98E-07	6.69E-05	3.10E-05	2.15E-04	4.34E-05	2.56E-05	3.15E-04	2.95E-05	0.00E+00	5.78E-07	6.98E-07	3.07E-05
3663	497863.09, 3850877.25	0.01532	0.0069	0.00721	0.0082	6.52E-05	0.00E+00	6.13E-07	7.06E-07	6.66E-05	3.08E-05	2.17E-04	4.60E-05	2.59E-05	3.20E-04	2.93E-05	0.00E+00	6.13E-07	7.06E-07	3.06E-05
3664	498363.09, 3850877.25	0.01515	0.00695	0.00765	0.00827	6.45E-05	0.00E+00	6.51E-07	7.12E-07	6.59E-05	3.04E-05	2.19E-04	4.88E-05	2.61E-05	3.24E-04	2.89E-05	0.00E+00	6.51E-07	7.12E-07	3.03E-05
3665	471363.09, 3851377.25	0.00743	0.00379	0.00297	0.00296	3.16E-05	0.00E+00	2.53E-07	2.55E-07	3.21E-05	1.49E-05	1.19E-04	1.89E-05	9.35E-06	1.63E-04	1.42E-05	0.00E+00	2.53E-07	2.55E-07	1.47E-05
3666	471863.09, 3851377.25	0.00878	0.00464	0.00305	0.00305	3.74E-05	0.00E+00	2.59E-07	2.63E-07	3.79E-05	1.76E-05	1.46E-04	1.95E-05	9.63E-06	1.93E-04	1.68E-05	0.00E+00	2.59E-07	2.63E-07	1.73E-05
3667	472363.09, 3851377.25	0.00889	0.00481	0.00293	0.00306	3.79E-05	0.00E+00	2.49E-07	2.63E-07	3.84E-05	1.79E-05	1.52E-04	1.87E-05	9.66E-06	1.98E-04	1.70E-05	0.00E+00	2.49E-07	2.63E-07	1.75E-05
3668	472863.09, 3851377.25	0.00885	0.00501	0.00279	0.00308	3.77E-05	0.00E+00	2.37E-07	2.65E-07	3.82E-05	1.78E-05	1.58E-04	1.78E-05	9.72E-06	2.03E-04	1.69E-05	0.00E+00	2.37E-07	2.65E-07	1.74E-05
3669	473363.09, 3851377.25	0.0081	0.0047	0.00257	0.00306	3.45E-05	0.00E+00	2.19E-07	2.63E-07	3.50E-05	1.63E-05	1.48E-04	1.64E-05	9.66E-06	1.90E-04	1.55E-05	0.00E+00	2.19E-07	2.63E-07	1.60E-05
3670	473863.09, 3851377.25	0.00823	0.00517	0.00241	0.00308	3.50E-05	0.00E+00	2.05E-07	2.65E-07	3.55E-05	1.65E-05	1.63E-04	1.54E-05	9.72E-06	2.04E-04	1.57E-05	0.00E+00	2.05E-07	2.65E-07	1.62E-05
3671	474363.09, 3851377.25	0.00909	0.00648	0.00228	0.00313	3.87E-05	0.00E+00	1.94E-07	2.70E-07	3.92E-05	1.83E-05	2.04E-04	1.45E-05	9.88E-06	2.47E-04	1.74E-05	0.00E+00	1.94E-07	2.70E-07	1.78E-05
3672	474863.09, 3851377.25	0.00979	0.00762	0.00214	0.00316	4.17E-05	0.00E+00	1.82E-07	2.72E-07	4.21E-05	1.97E-05	2.40E-04	1.37E-05	9.98E-06	2.83E-04	1.87E-05	0.00E+00	1.82E-07	2.72E-07	1.92E-05
3673	475363.09, 3851377.25	0.0105	0.00837	0.00206	0.00319	4.47E-05	0.00E+00	1.75E-07	2.75E-07	4.52E-05	2.11E-05	2.64E-04	1.31E-05	1.01E-05	3.08E-04	2.01E-05	0.00E+00	1.75E-07	2.75E-07	2.05E-05
3674	475863.09, 3851377.25	0.0114	0.00871	0.00207	0.00324	4.85E-05	0.00E+00	1.76E-07	2.79E-07	4.90E-05	2.29E-05	2.74E-04	1.32E-05	1.02E-05	3.21E-04	2.18E-05	0.00E+00	1.76E-07	2.79E-07	2.22E-05
3675	476363.09, 3851377.25	0.01265	0.00891	0.00214	0.00329	5.39E-05	0.00E+00	1.82E-07	2.83E-07	5.43E-05	2.54E-05	2.81E-04	1.37E-05	1.04E-05	3.30E-04	2.42E-05	0.00E+00	1.82E-07	2.83E-07	2.46E-05
3676	476863.09, 3851377.25	0.01407	0.00866	0.00223	0.00334	5.99E-05	0.00E+00	1.90E-07	2.88E-07	6.04E-05	2.83E-05	2.73E-04	1.42E-05	1.05E-05	3.26E-04	2.69E-05	0.00E+00	1.90E-07	2.88E-07	2.74E-05
3677	477363.09, 3851377.25	0.01523	0.00902	0.00229	0.0034	6.49E-05	0.00E+00	1.95E-07	2.93E-07	6.53E-05	3.06E-05	2.84E-04	1.46E-05	1.07E-05	3.40E-04	2.91E-05	0.00E+00	1.95E-07	2.93E-07	2.96E-05
3678	477863.09, 3851377.25	0.01606	0.00903	0.00229	0.00344	6.84E-05	0.00E+00	1.95E-07	2.96E-07	6.89E-05	3.23E-05	2.84E-04	1.46E-05	1.09E-05	3.42E-04	3.07E-05	0.00E+00	1.95E-07	2.96E-07	3.12E-05
3679	478363.09, 3851377.25	0.01642	0.00999	0.00229	0.00344	6.99E-05	0.00E+00	1.95E-07	2.96E-07	7.04E-05	3.30E-05	3.15E-04	1.46E-05	1.09E-05	3.73E-04	3.14E-05	0.00E+00	1.95E-07	2.96E-07	3.19E-05
3680	478863.09, 3851377.25	0.01648	0.01263	0.00233	0.00342	7.02E-05	0.00E+00	1.98E-07	2.94E-07	7.07E-05	3.31E-05	3.98E-04	1.49E-05	1.08E-05	4.57E-04	3.15E-05	0.00E+00	1.98E-07	2.94E-07	3.20E-05
3681	479363.09, 3851377.25	0.01634	0.0143	0.00241	0.00341	6.96E-05	0.00E+00	2.05E-07	2.94E-07	7.01E-05	3.28E-05	4.50E-04	1.54E-05	1.08E-05	5.09E-04	3.12E-05	0.00E+00	2.05E-07	2.94E-07	3.17E-05
3682	479863.09, 3851377.25	0.01586	0.01409	0.00247	0.00348	6.75E-05	0.00E+00	2.10E-07	3.00E-07	6.81E-05	3.19E-05	4.44E-04	1.58E-05	1.10E-05	5.02E-04	3.03E-05	0.00E+00	2.10E-07	3.00E-07	3.08E-05
3683	480363.09, 3851377.25	0.01745	0.01327	0.00248	0.00357	7.43E-05	0.00E+00	2.11E-07	3.07E-07	7.48E-05	3.50E-05	4.18E-04	1.58E-05	1.13E-05	4.80E-04	3.33E-05	0.00E+00	2.11E-07	3.07E-07	3.38E-05
3684	480863.09, 3851377.25	0.0235	0.01258	0.00245	0.00372	1.00E-04	0.00E+00	2.08E-07	3.20E-07	1.01E-04	4.72E-05	3.96E-04	1.56E-05	1.17E-05	4.71E-04	4.49E-05	0.00E+00	2.08E-07	3.20E-07	4.54E-05
3685	481363.09, 3851377.25	0.02646	0.01082	0.00247	0.00392	1.13E-04	0.00E+00	2.10E-07	3.38E-07	1.13E-04	5.31E-05	3.41E-04	1.58E-05	1.24E-05	4.22E-04	5.05E-05	0.00E+00	2.10E-07	3.38E-07	5.11E-05
3686	481863.09, 3851377.25	0.02245	0.00886	0.00277	0.0042	9.56E-05	0.00E+00	2.36E-07	3.62E-07	9.62E-05	4.51E-05	2.79E-04	1.77E-05	1.33E-05	3.55E-04	4.29E-05	0.00E+00	2.36E-07	3.62E-07	4.35E-05
3687	482363.09, 3851377.25	0.01911	0.00743	0.00363	0.00455	8.14E-05	0.00E+00	3.09E-07	3.92E-07	8.21E-05	3.84E-05	2.34E-04	2.32E-05	1.44E-05	3.10E-04	3.65E-05	0.00E+00	3.09E-07	3.92E-07	3.72E-05
3688	482863.09, 3851377.25	0.01575	0.0056	0.0039	0.00477	6.71E-05	0.00E+00	3.32E-07	4.11E-07	6.78E-05	3.16E-05	1.76E-04	2.49E-05	1.51E-05	2.48E-04	3.01E-05	0.00E+00	3.32E-07	4.11E-07	3.08E-05
3689	483363.09, 3851377.25	0.0108	0.00426	0.00315	0.00435	4.60E-05	0.00E+00	2.68E-07	3.75E-07	4.66E-05	2.17E-05	1.34E-04	2.01E-05	1.37E-05	1.90E-04	2.06E-05	0.00E+00	2.68E-07	3.75E-07	2.13E-05
3690	483863.09, 3851377.25	0.00915	0.00377	0.00359	0.00414	3.90E-05	0.00E+00	3.05E-07	3.56E-07	3.96E-05	1.84E-05	1.19E-04	2.29E-05	1.31E-05	1.73E-04	1.75E-05	0.00E+00	3.05E-07	3.56E-07	1.81E-05
3691	484363.09, 3851377.25	0.01157	0.00445	0.00505	0.0043	4.93E-05	0.00E+00	4.29E-07	3.70E-07	5.01E-05	2.32E-05	1.40E-04	3.22E-05	1.36E-05	2.09E-04	2.21E-05	0.00E+00	4.29E-07	3.70E-07	2.29E-05
3692	484863.09, 3851377.25	0.00839	0.00348	0.00381	0.00438	3.57E-05	0.00E+00	3.24E-07	3.77E-07	3.64E-05	1.69E-05	1.10E-04	2.43E-05	1.38E-05	1.65E-04	1.60E-05	0.00E+00	3.24E-07	3.77E-07	1.67E-05
3693	485363.09, 3851377.25	0.0104	0.00414	0.00443	0.00474	4.43E-05	0.00E+00	3.77E-07	4.08E-07	4.51E-05	2.09E-05	1.30E-04	2.83E-05	1.50E-05	1.95E-04	1.99E-05	0.00E+00	3.77E-07	4.08E-07	2.06E-05
3694	485863.09, 3851377.25	0.00822	0.00375	0.00563	0.00476	3.50E-05	0.00E+00	4.79E-07	4.10E-07	3.59E-05	1.65E-05	1.18E-04	3.59E-05	1.50E-05	1.86E-04	1.57E-05	0.00E+00	4.79E-07	4.10E-07	1.66E-05
3695	486363.09, 3851377.25	0.00815	0.00393	0.00629	0.00506	3.47E-05	0.00E+00	5.35E-07	4.36E-07	3.57E-05	1.64E-05	1.24E-04	4.01E-05	1.60E-05	1.96E-04	1.56E-05	0.00E+00	5.35E-07	4.36E-07	1.65E-05
3696	486863.09, 3851377.25	0.00751	0.00387	0.00571	0.00497	3.20E-05	0.00E+00	4.86E-07	4.28E-07	3.29E-05	1.51E-05	1.22E-04	3.64E-05	1.57E-05	1.89E-04	1.43E-05	0.00E+00	4.86E-07	4.28E-07	1.53E-05
3697	487363.09, 3851377.25	0.00614	0.00354	0.00374	0.00477	2.61E-05	0.00E+00	3.18E-07	4.11E-07	2.69E-05	1.23E-05	1.12E-04	2.39E-05	1.51E-05	1.63E-04	1.17E-05	0.00E+00	3.18E-07	4.11E-07	1.25E-05
3698	487863.09, 3851377.25	0.00696	0.00368	0.00323	0.00497	2.96E-05	0.00E+00	2.75E-07	4.28E-07	3.03E-05	1.40E-05	1.16E-04	2.06E-05	1.57E-05	1.66E-04	1.33E-05	0.00E+00	2.75E-07	4.28E-07	1.40E-05
3699	488363.09, 3851377.25	0.00746	0.00388	0.00354	0.00531	3.18E-05	0.00E+00	3.01E-07	4.57E-07	3.25E-05	1.50E-05	1.22E-04	2.26E-05	1.68E-05	1.77E-04	1.42E-05	0.00E+00	3.01E-07	4.57E-07	1.50E-05
3700	488863.09, 3851377.25	0.00749	0.00403	0.00412	0.00568	3.19E-05	0.00E+00	3.50E-07	4.89E-07	3.27E-05	1.50E-05	1.27E-04	2.63E-05	1.79E-05	1.86E-04	1.43E-05	0.00E+00	3.50E-07	4.89E-07	1.51E-05
3701	489363.09, 3851377.25	0.00762	0.00413	0.00438	0.00594	3.25E-05	0.00E+00	3.73E-07	5.11E-07	3.33E-05	1.53E-05	1.30E-04	2.79E-05	1.88E-05	1.92E-04	1.46E-05	0.00E+00	3.73E-07	5.11E-07	1.54E-05
3702	489863.09, 3851377.25	0.00784	0.00418	0.00442	0.00613	3.34E-05	0.00E+00	3.76E-07	5.28E-07	3.43E-05	1.57E-05	1.32E-04	2.82E-05	1.94E-05	1.95E-04	1.50E-05	0.00E+00	3.76E-07	5.28E-07	1.59E-05
3703	490363.09, 3851377.25	0.00824	0.00437	0.00452	0.00629	3.51E-05	0.00E+00	3.84E-07	5.42E-07	3.60E-05	1.66E-05	1.38E-04	2.88E-05	1.99E-05	2.03E-04	1.57E-05	0.00E+00	3.84E-07	5.42E-07	1.67E-05
3704	490863.09, 3851377.25	0.00879	0.00454	0.00423	0.00648	3.74E-05	0.00E+00	3.60E-07	5.58E-07	3.84E-05	1.77E-05	1.43E-04	2.70E-05	2.05E-05	2.08E-04	1.68E-05	0.00E+00	3.60E-07	5.58E-07	1.77E-05
3705	491363.09, 3851377.25	0.00906	0.0046	0.00372	0.00667	3.86E-05	0.00E+00	3.16E-07	5.74E-07	3.95E-05	1.82E-05	1.45E-04	2.37E-05	2.11E-05	2.08E-04	1.73E-05	0.00E+00	3.16E-07	5.74E-07	1.82E-05
3706	491863.09, 3851377.25	0.00929	0.00469	0.00357	0.00686	3.96E-05	0.00E+00	3.04E-07	5.91E-07	4.05E-05	1.87E-05	1.48E-04	2.28E-05	2.17E-05	2.11E-04	1.77E-05	0.00E+00	3.04E-07	5.91E-07	1.86E-05
3707	492363.09, 3851377.25	0.00973	0.00489	0.00363	0.00703	4.14E-05	0.00E+00	3.09E-07	6.05E-07	4.24E-05	1.95E-05	1.54E-04	2.32E-05	2.22E-05	2.19E-04	1.86E-05	0.00E+00	3.09E-07	6.05E-07	1.95E-05
3708	492863.09, 3851377.25	0.01004	0.005	0.004	0.00718	4.28E-05	0.00E+00	3.40E-07	6.18E-07	4.37E-05	2.02E-05	1.57E-04	2.55E-05	2.27E-05	2.26E-04	1.92E-05	0.00E+00	3.40E-07	6.18E-07	2.01E-05
3709	493363.09, 3851377.25	0.00956	0.00481	0.00469	0.00729	4.07E-05	0.00E+00	3.99E-07	6.28E-07	4.17E-05	1.92E-05	1.52E-04	2.99E-05	2.30E-05	2.24E-04	1.83E-05	0.00E+00	3.99E-07	6.28E-07	1.93E-05
3710	493863.09, 3851377.25	0.01089	0.00525	0.00546	0.00755	4.64E-05	0.00E+00	4.64E-07	6.50E-07	4.75E-05	2.19E-05	1.65E-04	3.48E-05	2.38E-05	2.46E-04	2.08E-05	0.00E+00	4.64E-07	6.50E-07	2.19E-05
3711	494363.09, 3851377.25	0.0134	0.00608	0.00631	0.00785	5.71E-05	0.00E+00	5.37E-07	6.76E-07	5.83E-05	2.69E-05	1.92E-04	4.02E-05	2.48E-05	2.83E-04	2.56E-05	0.00E+00	5.37E-07	6.76E-07	2.68E-05
3712	494863.09, 3851377.25	0.01438	0.00643	0.00686	0.0081	6.12E-05	0.00E+00	5.83E-07	6.97E-07	6.25E-05	2.89E-05	2.03E-04	4.38E-05	2.56E-05	3.01E-04	2.75E-05	0.00E+00	5.83E-07	6.97E-07	2.87E-05
3713	495363.09, 3851377.25	0.01702	0.00726	0.00753	0.00849	7.25E-05	0.00E+00	6.40E-07	7.31E-07	7.39E-05	3.42E-05	2.29E-04	4.80E-05	2.68E-05	3.38E-04	3.25E-05	0.00E+00	6.40E-07	7.31E-07	3.39E-05

3714	495863.09, 3851377.25	0.01825	0.00767	0.0073	0.00872	7.77E-05	0.00E+00	6.21E-07	7.51E-07	7.91E-05	3.67E-05	2.42E-04	4.66E-05	2.75E-05	3.52E-04	3.49E-05	0.00E+00	6.21E-07	7.51E-07	3.62E-05
3715	496363.09, 3851377.25	0.01893	0.00793	0.00727	0.00887	8.06E-05	0.00E+00	6.18E-07	7.64E-07	8.20E-05	3.80E-05	2.50E-04	4.64E-05	2.80E-05	3.62E-04	3.62E-05	0.00E+00	6.18E-07	7.64E-07	3.75E-05
3716	496863.09, 3851377.25	0.0192	0.00812	0.00757	0.00897	8.18E-05	0.00E+00	6.44E-07	7.72E-07	8.32E-05	3.86E-05	2.56E-04	4.83E-05	2.83E-05	3.71E-04	3.67E-05	0.00E+00	6.44E-07	7.72E-07	3.81E-05
3717	497363.09, 3851377.25	0.01931	0.00827	0.00805	0.00907	8.22E-05	0.00E+00	6.85E-07	7.81E-07	8.37E-05	3.88E-05	2.61E-04	5.13E-05	2.86E-05	3.79E-04	3.69E-05	0.00E+00	6.85E-07	7.81E-07	3.83E-05
3718	497863.09, 3851377.25	0.01912	0.00832	0.0085	0.0091	8.14E-05	0.00E+00	7.23E-07	7.84E-07	8.29E-05	3.84E-05	2.62E-04	5.42E-05	2.87E-05	3.83E-04	3.65E-05	0.00E+00	7.23E-07	7.84E-07	3.80E-05
3719	498363.09, 3851377.25	0.01819	0.00814	0.00889	0.00908	7.75E-05	0.00E+00	7.56E-07	7.82E-07	7.90E-05	3.65E-05	2.56E-04	5.67E-05	2.87E-05	3.78E-04	3.47E-05	0.00E+00	7.56E-07	7.82E-07	3.63E-05
3720	471363.09, 3851877.25	0.00773	0.00419	0.00324	0.00315	3.29E-05	0.00E+00	2.76E-07	2.71E-07	3.35E-05	1.55E-05	1.32E-04	2.07E-05	9.95E-06	1.78E-04	1.48E-05	0.00E+00	2.76E-07	2.71E-07	1.53E-05
3721	471863.09, 3851877.25	0.00778	0.00407	0.00325	0.00317	3.31E-05	0.00E+00	2.76E-07	2.73E-07	3.37E-05	1.56E-05	1.28E-04	2.07E-05	1.00E-05	1.75E-04	1.49E-05	0.00E+00	2.76E-07	2.73E-07	1.54E-05
3722	472363.09, 3851877.25	0.00879	0.00452	0.00334	0.00325	3.74E-05	0.00E+00	2.84E-07	2.80E-07	3.80E-05	1.77E-05	1.42E-04	2.13E-05	1.03E-05	1.92E-04	1.68E-05	0.00E+00	2.84E-07	2.80E-07	1.74E-05
3723	472863.09, 3851877.25	0.00969	0.00501	0.00333	0.00331	4.13E-05	0.00E+00	2.83E-07	2.85E-07	4.18E-05	1.95E-05	1.58E-04	2.12E-05	1.05E-05	2.09E-04	1.85E-05	0.00E+00	2.83E-07	2.85E-07	1.91E-05
3724	473363.09, 3851877.25	0.00945	0.0048	0.00314	0.0033	4.02E-05	0.00E+00	2.67E-07	2.84E-07	4.08E-05	1.90E-05	1.51E-04	2.00E-05	1.04E-05	2.01E-04	1.80E-05	0.00E+00	2.67E-07	2.84E-07	1.86E-05
3725	473863.09, 3851877.25	0.00962	0.00495	0.00299	0.00332	4.10E-05	0.00E+00	2.54E-07	2.86E-07	4.15E-05	1.93E-05	1.56E-04	1.91E-05	1.05E-05	2.05E-04	1.84E-05	0.00E+00	2.54E-07	2.86E-07	1.89E-05
3726	474363.09, 3851877.25	0.01049	0.00585	0.0029	0.00338	4.47E-05	0.00E+00	2.47E-07	2.91E-07	4.52E-05	2.11E-05	1.84E-04	1.85E-05	1.07E-05	2.35E-04	2.00E-05	0.00E+00	2.47E-07	2.91E-07	2.06E-05
3727	474863.09, 3851877.25	0.01108	0.0071	0.00272	0.00342	4.72E-05	0.00E+00	2.31E-07	2.94E-07	4.77E-05	2.23E-05	2.24E-04	1.73E-05	1.08E-05	2.74E-04	2.12E-05	0.00E+00	2.31E-07	2.94E-07	2.17E-05
3728	475363.09, 3851877.25	0.01134	0.00801	0.0025	0.00343	4.83E-05	0.00E+00	2.13E-07	2.95E-07	4.88E-05	2.28E-05	2.52E-04	1.59E-05	1.08E-05	3.02E-04	2.17E-05	0.00E+00	2.13E-07	2.95E-07	2.22E-05
3729	475863.09, 3851877.25	0.01164	0.00849	0.00231	0.00346	4.96E-05	0.00E+00	1.96E-07	2.98E-07	5.01E-05	2.34E-05	2.67E-04	1.47E-05	1.09E-05	3.16E-04	2.22E-05	0.00E+00	1.96E-07	2.98E-07	2.27E-05
3730	476363.09, 3851877.25	0.01191	0.00804	0.0022	0.0035	5.07E-05	0.00E+00	1.87E-07	3.01E-07	5.12E-05	2.39E-05	2.53E-04	1.40E-05	1.11E-05	3.02E-04	2.27E-05	0.00E+00	1.87E-07	3.01E-07	2.32E-05
3731	476863.09, 3851877.25	0.01317	0.00874	0.00221	0.00355	5.61E-05	0.00E+00	1.88E-07	3.06E-07	5.66E-05	2.65E-05	2.75E-04	1.41E-05	1.12E-05	3.27E-04	2.52E-05	0.00E+00	1.88E-07	3.06E-07	2.56E-05
3732	477363.09, 3851877.25	0.01497	0.00924	0.0023	0.00362	6.38E-05	0.00E+00	1.96E-07	3.12E-07	6.43E-05	3.01E-05	2.91E-04	1.47E-05	1.14E-05	3.47E-04	2.86E-05	0.00E+00	1.96E-07	3.12E-07	2.91E-05
3733	477863.09, 3851877.25	0.01691	0.00929	0.00239	0.00369	7.20E-05	0.00E+00	2.03E-07	3.18E-07	7.25E-05	3.40E-05	2.93E-04	1.52E-05	1.17E-05	3.53E-04	3.23E-05	0.00E+00	2.03E-07	3.18E-07	3.28E-05
3734	478363.09, 3851877.25	0.01852	0.0089	0.00242	0.00374	7.89E-05	0.00E+00	2.06E-07	3.22E-07	7.94E-05	3.72E-05	2.80E-04	1.54E-05	1.18E-05	3.45E-04	3.54E-05	0.00E+00	2.06E-07	3.22E-07	3.59E-05
3735	478863.09, 3851877.25	0.01948	0.01021	0.00243	0.00377	8.30E-05	0.00E+00	2.07E-07	3.25E-07	8.35E-05	3.91E-05	3.22E-04	1.55E-05	1.19E-05	3.88E-04	3.72E-05	0.00E+00	2.07E-07	3.25E-07	3.77E-05
3736	479363.09, 3851877.25	0.01981	0.01397	0.00247	0.00376	8.44E-05	0.00E+00	2.10E-07	3.24E-07	8.49E-05	3.98E-05	4.40E-04	1.58E-05	1.19E-05	5.07E-04	3.78E-05	0.00E+00	2.10E-07	3.24E-07	3.84E-05
3737	479863.09, 3851877.25	0.01973	0.01648	0.00256	0.00377	8.40E-05	0.00E+00	2.18E-07	3.25E-07	8.46E-05	3.96E-05	5.19E-04	1.63E-05	1.19E-05	5.87E-04	3.77E-05	0.00E+00	2.18E-07	3.25E-07	3.82E-05
3738	480363.09, 3851877.25	0.01924	0.016	0.00263	0.00384	8.19E-05	0.00E+00	2.24E-07	3.31E-07	8.25E-05	3.86E-05	5.04E-04	1.68E-05	1.21E-05	5.72E-04	3.67E-05	0.00E+00	2.24E-07	3.31E-07	3.73E-05
3739	480863.09, 3851877.25	0.02046	0.01537	0.00266	0.00396	8.71E-05	0.00E+00	2.26E-07	3.41E-07	8.77E-05	4.11E-05	4.84E-04	1.70E-05	1.25E-05	5.55E-04	3.91E-05	0.00E+00	2.26E-07	3.41E-07	3.96E-05
3740	481363.09, 3851877.25	0.02778	0.01458	0.00264	0.00419	1.18E-04	0.00E+00	2.25E-07	3.61E-07	1.19E-04	5.58E-05	4.59E-04	1.68E-05	1.32E-05	5.45E-04	5.31E-05	0.00E+00	2.25E-07	3.61E-07	5.36E-05
3741	481863.09, 3851877.25	0.03155	0.01198	0.00265	0.00446	1.34E-04	0.00E+00	2.25E-07	3.84E-07	1.35E-04	6.34E-05	3.77E-04	1.69E-05	1.41E-05	4.72E-04	6.03E-05	0.00E+00	2.25E-07	3.84E-07	6.09E-05
3742	482363.09, 3851877.25	0.02467	0.00829	0.00314	0.00493	1.05E-04	0.00E+00	2.67E-07	4.25E-07	1.06E-04	4.96E-05	2.61E-04	2.00E-05	1.56E-05	3.46E-04	4.71E-05	0.00E+00	2.67E-07	4.25E-07	4.78E-05
3743	482863.09, 3851877.25	0.01721	0.0059	0.00441	0.00506	7.33E-05	0.00E+00	3.75E-07	4.36E-07	7.41E-05	3.46E-05	1.86E-04	2.81E-05	1.60E-05	2.65E-04	3.29E-05	0.00E+00	3.75E-07	4.36E-07	3.37E-05
3744	483363.09, 3851877.25	0.01726	0.0059	0.00399	0.00516	7.35E-05	0.00E+00	3.39E-07	4.44E-07	7.43E-05	3.47E-05	1.86E-04	2.55E-05	1.63E-05	2.62E-04	3.30E-05	0.00E+00	3.39E-07	4.44E-07	3.37E-05
3745	483863.09, 3851877.25	0.01512	0.00524	0.00372	0.00491	6.44E-05	0.00E+00	3.16E-07	4.23E-07	6.51E-05	3.04E-05	1.65E-04	2.37E-05	1.55E-05	2.35E-04	2.89E-05	0.00E+00	3.16E-07	4.23E-07	2.96E-05
3746	484363.09, 3851877.25	0.01598	0.0055	0.00536	0.00485	6.81E-05	0.00E+00	4.56E-07	4.18E-07	6.89E-05	3.21E-05	1.73E-04	3.42E-05	1.53E-05	2.55E-04	3.05E-05	0.00E+00	4.56E-07	4.18E-07	3.14E-05
3747	484863.09, 3851877.25	0.01409	0.00492	0.0052	0.00504	6.00E-05	0.00E+00	4.42E-07	4.34E-07	6.09E-05	2.83E-05	1.55E-04	3.32E-05	1.59E-05	2.32E-04	2.69E-05	0.00E+00	4.42E-07	4.34E-07	2.78E-05
3748	485363.09, 3851877.25	0.01336	0.005	0.00452	0.00527	5.69E-05	0.00E+00	3.84E-07	4.54E-07	5.77E-05	2.68E-05	1.57E-04	2.88E-05	1.66E-05	2.30E-04	2.55E-05	0.00E+00	3.84E-07	4.54E-07	2.64E-05
3749	485863.09, 3851877.25	0.01286	0.00511	0.00571	0.00586	5.48E-05	0.00E+00	4.86E-07	5.05E-07	5.58E-05	2.58E-05	1.61E-04	3.64E-05	1.85E-05	2.42E-04	2.46E-05	0.00E+00	4.86E-07	5.05E-07	2.56E-05
3750	486363.09, 3851877.25	0.01002	0.00463	0.00692	0.00587	4.27E-05	0.00E+00	5.89E-07	5.05E-07	4.38E-05	2.01E-05	1.46E-04	4.41E-05	1.85E-05	2.29E-04	1.91E-05	0.00E+00	5.89E-07	5.05E-07	2.02E-05
3751	486863.09, 3851877.25	0.00938	0.00465	0.00675	0.0057	3.99E-05	0.00E+00	5.74E-07	4.91E-07	4.10E-05	1.88E-05	1.46E-04	4.31E-05	1.80E-05	2.26E-04	1.79E-05	0.00E+00	5.74E-07	4.91E-07	1.90E-05
3752	487363.09, 3851877.25	0.00914	0.00465	0.00463	0.00569	3.89E-05	0.00E+00	3.94E-07	4.90E-07	3.98E-05	1.84E-05	1.46E-04	2.95E-05	1.80E-05	2.12E-04	1.75E-05	0.00E+00	3.94E-07	4.90E-07	1.83E-05
3753	487863.09, 3851877.25	0.00821	0.00434	0.00349	0.00593	3.50E-05	0.00E+00	2.97E-07	5.11E-07	3.58E-05	1.65E-05	1.37E-04	2.23E-05	1.87E-05	1.94E-04	1.57E-05	0.00E+00	2.97E-07	5.11E-07	1.65E-05
3754	488363.09, 3851877.25	0.00861	0.00461	0.00381	0.00635	3.67E-05	0.00E+00	3.24E-07	5.47E-07	3.75E-05	1.73E-05	1.45E-04	2.43E-05	2.00E-05	2.07E-04	1.64E-05	0.00E+00	3.24E-07	5.47E-07	1.73E-05
3755	488863.09, 3851877.25	0.00832	0.00466	0.00445	0.00659	3.54E-05	0.00E+00	3.78E-07	5.67E-07	3.64E-05	1.67E-05	1.47E-04	2.84E-05	2.08E-05	2.13E-04	1.59E-05	0.00E+00	3.78E-07	5.67E-07	1.68E-05
3756	489363.09, 3851877.25	0.00851	0.00472	0.00464	0.00683	3.62E-05	0.00E+00	3.95E-07	5.88E-07	3.72E-05	1.71E-05	1.49E-04	2.96E-05	2.16E-05	2.17E-04	1.63E-05	0.00E+00	3.95E-07	5.88E-07	1.72E-05
3757	489863.09, 3851877.25	0.00917	0.00487	0.00453	0.00707	3.91E-05	0.00E+00	3.85E-07	6.09E-07	4.00E-05	1.84E-05	1.53E-04	2.89E-05	2.23E-05	2.23E-04	1.75E-05	0.00E+00	3.85E-07	6.09E-07	1.85E-05
3758	490363.09, 3851877.25	0.0103	0.00521	0.00465	0.00729	4.39E-05	0.00E+00	3.95E-07	6.28E-07	4.49E-05	2.07E-05	1.64E-04	2.97E-05	2.30E-05	2.37E-04	1.97E-05	0.00E+00	3.95E-07	6.28E-07	2.07E-05
3759	490863.09, 3851877.25	0.01148	0.00558	0.00438	0.00755	4.89E-05	0.00E+00	3.73E-07	6.50E-07	4.99E-05	2.31E-05	1.76E-04	2.79E-05	2.38E-05	2.51E-04	2.19E-05	0.00E+00	3.73E-07	6.50E-07	2.29E-05
3760	491363.09, 3851877.25	0.01269	0.00594	0.00414	0.00783	5.40E-05	0.00E+00	3.52E-07	6.74E-07	5.51E-05	2.55E-05	1.87E-04	2.64E-05	2.47E-05	2.64E-04	2.42E-05	0.00E+00	3.52E-07	6.74E-07	2.53E-05
3761	491863.09, 3851877.25	0.0138	0.00629	0.00416	0.00805	5.88E-05	0.00E+00	3.54E-07	6.93E-07	5.98E-05	2.77E-05	1.98E-04	2.65E-05	2.54E-05	2.78E-04	2.64E-05	0.00E+00	3.54E-07	6.93E-07	2.74E-05
3762	492363.09, 3851877.25	0.01424	0.00642	0.00426	0.00823	6.06E-05	0.00E+00	3.62E-07	7.09E-07	6.17E-05	2.86E-05	2.02E-04	2.72E-05	2.60E-05	2.84E-04	2.72E-05	0.00E+00	3.62E-07	7.09E-07	2.83E-05
3763	492863.09, 3851877.25	0.01303	0.00602	0.0049	0.00828	5.55E-05	0.00E+00	4.17E-07	7.13E-07	5.66E-05	2.62E-05	1.90E-04	3.13E-05	2.61E-05	2.73E-04	2.49E-05	0.00E+00	4.17E-07	7.13E-07	2.60E-05
3764	493363.09, 3851877.25	0.0162	0.00696	0.00613	0.00868	6.90E-05	0.00E+00	5.21E-07	7.47E-07	7.03E-05	3.25E-05	2.19E-04	3.91E-05	2.74E-05	3.18E-04	3.09E-05	0.00E+00	5.21E-07	7.47E-07	3.22E-05
3765	493863.09, 3851877.25	0.01981	0.00807	0.00749	0.0091	8.44E-05	0.00E+00	6.37E-07	7.84E-07	8.58E-05	3.98E-05	2.54E-04	4.78E-05	2.87E-05	3.71E-04	3.78E-05	0.00E+00	6.37E-07	7.84E-07	3.93E-05
3766	494363.09, 3851877.25	0.01978	0.00812	0.00811	0.00924	8.42E-05	0.00E+00	6.90E-07	7.96E-07	8.57E-05	3.97E-05	2.56E-04	5.17E-05	2.92E-05	3.76E-04	3.78E-05	0.00E+00	6.90E-07	7.96E-07	3.93E-05
3767	494863.09, 3851877.25	0.0223	0.00892	0.00833	0.00957	9.50E-05	0.00E+00	7.08E-07	8.24E-07	9.65E-05	4.48E-05	2.81E-04	5.31E-05	3.02E-05	4.09E-04	4.26E-05	0.00E+00	7.08E-07	8.24E-07	4.41E-05
3768	495363.09, 3851877.25	0.02387	0.00945	0.00815	0.00981	1.02E-04	0.00E+00	6.93E-07	8.45E-07	1.03E-04	4.79E-05	2.98E-04	5.20E-05	3.10E-05	4.29E-04	4.56E-05	0.00E+00	6.93E-07	8.45E-07	4.71E-05
3769	495863.09, 3851877.25	0.02486	0.00984	0.00819	0.00997	1.06E-04	0.00E+00	6.97E-07	8.59E-07	1.07E-04	4.99E-05	3.10E-04	5.22E-05	3.15E-05	4.44E-04	4.75E-05	0.00E+00	6.97E-07	8.59E-07	4.90E-05
3770	496363.09, 3851877.25	0.02475	0.00992	0.00847	0.01003	1.05E-04	0.00E+00	7.20E-07	8.64E-07	1.07E-04	4.97E-05	3.12E-04	5.40E-05	3.17E-05	4.48E-04	4.73E-05	0.00E+00	7.20E-07	8.64E-07	4.89E-05
3771	496863.09, 3851877.25	0.02443	0.00994	0.00903	0.01004	1.04E-04	0.00E+00	7.68E-07	8.65E-07	1.06E-04	4.91E-05	3.13E-04	5.76E-05	3.17E-05	4.51E-04	4.67E-05	0.00E+00	7.68E-07	8.65E-07	4.83E-05
3772	497363.09, 3851877.25	0.02391	0.00989	0.00955	0.01002	1.02E-04	0.00E+00	8.12E-07	8.63E-07	1.03E-04	4.80E-05	3.12E-04	6.09E-05	3.16E-05	4.52E-04	4.57E-05	0.00E+00	8.12E-07	8.63E-07	4.73E-05

3773	497863.09, 3851877.25	0.02245	0.00957	0.00998	0.00996	9.56E-05	0.00E+00	8.49E-07	8.58E-07	9.73E-05	4.51E-05	3.01E-04	6.37E-05	3.14E-05	4.42E-04	4.29E-05	0.00E+00	8.49E-07	8.58E-07	4.46E-05
3774	498363.09, 3851877.25	0.02105	0.00929	0.01044	0.00994	8.96E-05	0.00E+00	8.88E-07	8.56E-07	9.14E-05	4.23E-05	2.93E-04	6.66E-05	3.14E-05	4.33E-04	4.02E-05	0.00E+00	8.88E-07	8.56E-07	4.19E-05
3775	471363.09, 3852377.25	0.00705	0.00404	0.00317	0.00326	3.00E-05	0.00E+00	2.70E-07	2.81E-07	3.06E-05	1.42E-05	1.27E-04	2.02E-05	1.03E-05	1.72E-04	1.35E-05	0.00E+00	2.70E-07	2.81E-07	1.40E-05
3776	471863.09, 3852377.25	0.008	0.00442	0.0033	0.00334	3.41E-05	0.00E+00	2.81E-07	2.88E-07	3.46E-05	1.61E-05	1.39E-04	2.10E-05	1.05E-05	1.87E-04	1.53E-05	0.00E+00	2.81E-07	2.88E-07	1.58E-05
3777	472363.09, 3852377.25	0.00874	0.00468	0.00346	0.00341	3.72E-05	0.00E+00	2.94E-07	2.94E-07	3.78E-05	1.76E-05	1.47E-04	2.21E-05	1.08E-05	1.98E-04	1.67E-05	0.00E+00	2.94E-07	2.94E-07	1.73E-05
3778	472863.09, 3852377.25	0.00941	0.00491	0.00359	0.00349	4.01E-05	0.00E+00	3.05E-07	3.01E-07	4.07E-05	1.89E-05	1.55E-04	2.29E-05	1.10E-05	2.07E-04	1.80E-05	0.00E+00	3.05E-07	3.01E-07	1.86E-05
3779	473363.09, 3852377.25	0.00995	0.00507	0.00364	0.00356	4.24E-05	0.00E+00	3.10E-07	3.07E-07	4.30E-05	2.00E-05	1.60E-04	2.32E-05	1.12E-05	2.14E-04	1.90E-05	0.00E+00	3.10E-07	3.07E-07	1.96E-05
3780	473863.09, 3852377.25	0.01036	0.00521	0.00361	0.00361	4.41E-05	0.00E+00	3.07E-07	3.11E-07	4.47E-05	2.08E-05	1.64E-04	2.30E-05	1.14E-05	2.19E-04	1.98E-05	0.00E+00	3.07E-07	3.11E-07	2.04E-05
3781	474363.09, 3852377.25	0.01088	0.00542	0.0035	0.00364	4.63E-05	0.00E+00	2.98E-07	3.13E-07	4.69E-05	2.19E-05	1.71E-04	2.23E-05	1.15E-05	2.26E-04	2.08E-05	0.00E+00	2.98E-07	3.13E-07	2.14E-05
3782	474863.09, 3852377.25	0.01299	0.00695	0.00347	0.00374	5.53E-05	0.00E+00	2.95E-07	3.22E-07	5.59E-05	2.61E-05	2.19E-04	2.21E-05	1.18E-05	2.79E-04	2.48E-05	0.00E+00	2.95E-07	3.22E-07	2.54E-05
3783	475363.09, 3852377.25	0.0133	0.00729	0.00326	0.00376	5.66E-05	0.00E+00	2.77E-07	3.24E-07	5.72E-05	2.67E-05	2.30E-04	2.08E-05	1.19E-05	2.89E-04	2.54E-05	0.00E+00	2.77E-07	3.24E-07	2.60E-05
3784	475863.09, 3852377.25	0.01331	0.0076	0.003	0.00377	5.67E-05	0.00E+00	2.55E-07	3.25E-07	5.73E-05	2.67E-05	2.39E-04	1.91E-05	1.19E-05	2.97E-04	2.54E-05	0.00E+00	2.55E-07	3.25E-07	2.60E-05
3785	476363.09, 3852377.25	0.01302	0.0075	0.00271	0.00378	5.54E-05	0.00E+00	2.30E-07	3.25E-07	5.60E-05	2.62E-05	2.36E-04	1.73E-05	1.19E-05	2.92E-04	2.49E-05	0.00E+00	2.30E-07	3.25E-07	2.54E-05
3786	476863.09, 3852377.25	0.01332	0.00785	0.00249	0.00383	5.67E-05	0.00E+00	2.12E-07	3.30E-07	5.73E-05	2.68E-05	2.47E-04	1.59E-05	1.21E-05	3.02E-04	2.54E-05	0.00E+00	2.12E-07	3.30E-07	2.60E-05
3787	477363.09, 3852377.25	0.01366	0.00788	0.00239	0.0039	5.82E-05	0.00E+00	2.03E-07	3.36E-07	5.87E-05	2.74E-05	2.48E-04	1.52E-05	1.23E-05	3.03E-04	2.61E-05	0.00E+00	2.03E-07	3.36E-07	2.66E-05
3788	477863.09, 3852377.25	0.01327	0.00689	0.00236	0.00393	5.65E-05	0.00E+00	2.01E-07	3.38E-07	5.71E-05	2.67E-05	2.17E-04	1.51E-05	1.24E-05	2.71E-04	2.53E-05	0.00E+00	2.01E-07	3.38E-07	2.59E-05
3789	478363.09, 3852377.25	0.01382	0.0064	0.00247	0.00401	5.89E-05	0.00E+00	2.10E-07	3.45E-07	5.94E-05	2.78E-05	2.02E-04	1.58E-05	1.27E-05	2.58E-04	2.64E-05	0.00E+00	2.10E-07	3.45E-07	2.70E-05
3790	478863.09, 3852377.25	0.01831	0.00744	0.0026	0.00413	7.80E-05	0.00E+00	2.21E-07	3.56E-07	7.86E-05	3.68E-05	2.34E-04	1.66E-05	1.30E-05	3.01E-04	3.50E-05	0.00E+00	2.21E-07	3.56E-07	3.55E-05
3791	479363.09, 3852377.25	0.02154	0.00839	0.00263	0.00419	9.17E-05	0.00E+00	2.24E-07	3.61E-07	9.23E-05	4.33E-05	2.64E-04	1.68E-05	1.32E-05	3.38E-04	4.11E-05	0.00E+00	2.24E-07	3.61E-07	4.17E-05
3792	479863.09, 3852377.25	0.02413	0.01332	0.00262	0.00419	1.03E-04	0.00E+00	2.23E-07	3.61E-07	1.03E-04	4.85E-05	4.20E-04	1.67E-05	1.32E-05	4.98E-04	4.61E-05	0.00E+00	2.23E-07	3.61E-07	4.67E-05
3793	480363.09, 3852377.25	0.02438	0.01919	0.00273	0.00424	1.04E-04	0.00E+00	2.32E-07	3.65E-07	1.04E-04	4.90E-05	6.04E-04	1.74E-05	1.34E-05	6.84E-04	4.66E-05	0.00E+00	2.32E-07	3.65E-07	4.72E-05
3794	480863.09, 3852377.25	0.02397	0.01867	0.00282	0.00433	1.02E-04	0.00E+00	2.40E-07	3.73E-07	1.03E-04	4.81E-05	5.88E-04	1.80E-05	1.37E-05	6.68E-04	4.58E-05	0.00E+00	2.40E-07	3.73E-07	4.64E-05
3795	481363.09, 3852377.25	0.02472	0.01807	0.00287	0.00454	1.05E-04	0.00E+00	2.44E-07	3.91E-07	1.06E-04	4.97E-05	5.69E-04	1.83E-05	1.43E-05	6.51E-04	4.72E-05	0.00E+00	2.44E-07	3.91E-07	4.78E-05
3796	481863.09, 3852377.25	0.03371	0.01641	0.00286	0.00483	1.44E-04	0.00E+00	2.43E-07	4.16E-07	1.44E-04	6.77E-05	5.17E-04	1.82E-05	1.53E-05	6.18E-04	6.44E-05	0.00E+00	2.43E-07	4.16E-07	6.50E-05
3797	482363.09, 3852377.25	0.0385	0.01436	0.00286	0.00527	1.64E-04	0.00E+00	2.43E-07	4.54E-07	1.65E-04	7.73E-05	4.52E-04	1.82E-05	1.66E-05	5.65E-04	7.35E-05	0.00E+00	2.43E-07	4.54E-07	7.42E-05
3798	482863.09, 3852377.25	0.03204	0.01134	0.00327	0.00554	1.36E-04	0.00E+00	2.78E-07	4.77E-07	1.37E-04	6.44E-05	3.57E-04	2.09E-05	1.75E-05	4.60E-04	6.12E-05	0.00E+00	2.78E-07	4.77E-07	6.19E-05
3799	483363.09, 3852377.25	0.02572	0.00774	0.00458	0.00582	1.10E-04	0.00E+00	3.90E-07	5.01E-07	1.10E-04	5.17E-05	2.44E-04	2.92E-05	1.84E-05	3.43E-04	4.91E-05	0.00E+00	3.90E-07	5.01E-07	5.00E-05
3800	483863.09, 3852377.25	0.01965	0.00634	0.00407	0.00564	8.37E-05	0.00E+00	3.46E-07	4.86E-07	8.45E-05	3.95E-05	2.00E-04	2.60E-05	1.78E-05	2.83E-04	3.75E-05	0.00E+00	3.46E-07	4.86E-07	3.84E-05
3801	484363.09, 3852377.25	0.02159	0.00665	0.00449	0.00561	9.19E-05	0.00E+00	3.82E-07	4.83E-07	9.28E-05	4.34E-05	2.09E-04	2.86E-05	1.77E-05	2.99E-04	4.12E-05	0.00E+00	3.82E-07	4.83E-07	4.21E-05
3802	484863.09, 3852377.25	0.02114	0.00673	0.0061	0.00561	9.00E-05	0.00E+00	5.19E-07	4.83E-07	9.10E-05	4.25E-05	2.12E-04	3.89E-05	1.77E-05	3.11E-04	4.04E-05	0.00E+00	5.19E-07	4.83E-07	4.14E-05
3803	485363.09, 3852377.25	0.02056	0.00692	0.00508	0.00631	8.76E-05	0.00E+00	4.32E-07	5.43E-07	8.85E-05	4.13E-05	2.18E-04	3.24E-05	1.99E-05	3.12E-04	3.93E-05	0.00E+00	4.32E-07	5.43E-07	4.02E-05
3804	485863.09, 3852377.25	0.01722	0.0064	0.00548	0.00706	7.33E-05	0.00E+00	4.66E-07	6.08E-07	7.44E-05	3.46E-05	2.02E-04	3.50E-05	2.23E-05	2.93E-04	3.29E-05	0.00E+00	4.66E-07	6.08E-07	3.40E-05
3805	486363.09, 3852377.25	0.01268	0.00563	0.00745	0.00675	5.40E-05	0.00E+00	6.34E-07	5.81E-07	5.52E-05	2.55E-05	1.77E-04	4.75E-05	2.13E-05	2.72E-04	2.42E-05	0.00E+00	6.34E-07	5.81E-07	2.54E-05
3806	486863.09, 3852377.25	0.01159	0.00559	0.00744	0.00677	4.94E-05	0.00E+00	6.33E-07	5.83E-07	5.06E-05	2.33E-05	1.76E-04	4.75E-05	2.14E-05	2.68E-04	2.21E-05	0.00E+00	6.33E-07	5.83E-07	2.34E-05
3807	487363.09, 3852377.25	0.01062	0.00552	0.00514	0.00701	4.52E-05	0.00E+00	4.37E-07	6.04E-07	4.63E-05	2.13E-05	1.74E-04	3.28E-05	2.21E-05	2.50E-04	2.03E-05	0.00E+00	4.37E-07	6.04E-07	2.13E-05
3808	487863.09, 3852377.25	0.01017	0.00546	0.0038	0.00729	4.33E-05	0.00E+00	3.23E-07	6.28E-07	4.43E-05	2.04E-05	1.72E-04	2.42E-05	2.30E-05	2.40E-04	1.94E-05	0.00E+00	3.23E-07	6.28E-07	2.04E-05
3809	488363.09, 3852377.25	0.00986	0.00552	0.00412	0.00752	4.20E-05	0.00E+00	3.50E-07	6.48E-07	4.30E-05	1.98E-05	1.74E-04	2.63E-05	2.37E-05	2.44E-04	1.88E-05	0.00E+00	3.50E-07	6.48E-07	1.98E-05
3810	488863.09, 3852377.25	0.00983	0.00554	0.00478	0.00778	4.19E-05	0.00E+00	4.07E-07	6.70E-07	4.29E-05	1.97E-05	1.75E-04	3.05E-05	2.46E-05	2.49E-04	1.88E-05	0.00E+00	4.07E-07	6.70E-07	1.99E-05
3811	489363.09, 3852377.25	0.01059	0.00564	0.00486	0.00807	4.51E-05	0.00E+00	4.13E-07	6.95E-07	4.62E-05	2.13E-05	1.78E-04	3.10E-05	2.55E-05	2.55E-04	2.02E-05	0.00E+00	4.13E-07	6.95E-07	2.13E-05
3812	489863.09, 3852377.25	0.01094	0.00563	0.00479	0.00822	4.66E-05	0.00E+00	4.07E-07	7.08E-07	4.77E-05	2.20E-05	1.77E-04	3.06E-05	2.60E-05	2.56E-04	2.09E-05	0.00E+00	4.07E-07	7.08E-07	2.20E-05
3813	490363.09, 3852377.25	0.01326	0.00633	0.00474	0.00856	5.65E-05	0.00E+00	4.03E-07	7.37E-07	5.76E-05	2.66E-05	1.99E-04	3.02E-05	2.70E-05	2.83E-04	2.53E-05	0.00E+00	4.03E-07	7.37E-07	2.65E-05
3814	490863.09, 3852377.25	0.01549	0.00697	0.00444	0.00892	6.60E-05	0.00E+00	3.78E-07	7.68E-07	6.71E-05	3.11E-05	2.20E-04	2.83E-05	2.82E-05	3.07E-04	2.96E-05	0.00E+00	3.78E-07	7.68E-07	3.07E-05
3815	491363.09, 3852377.25	0.01946	0.00807	0.00472	0.00936	8.29E-05	0.00E+00	4.01E-07	8.06E-07	8.41E-05	3.91E-05	2.54E-04	3.01E-05	2.96E-05	3.53E-04	3.72E-05	0.00E+00	4.01E-07	8.06E-07	3.84E-05
3816	491863.09, 3852377.25	0.02125	0.00856	0.00488	0.00964	9.05E-05	0.00E+00	4.15E-07	8.30E-07	9.17E-05	4.27E-05	2.70E-04	3.11E-05	3.04E-05	3.74E-04	4.06E-05	0.00E+00	4.15E-07	8.30E-07	4.18E-05
3817	492363.09, 3852377.25	0.02263	0.00894	0.00563	0.00991	9.64E-05	0.00E+00	4.79E-07	8.53E-07	9.77E-05	4.55E-05	2.82E-04	3.59E-05	3.13E-05	3.94E-04	4.32E-05	0.00E+00	4.79E-07	8.53E-07	4.46E-05
3818	492863.09, 3852377.25	0.02507	0.0096	0.00702	0.01026	1.07E-04	0.00E+00	5.97E-07	8.83E-07	1.08E-04	5.04E-05	3.02E-04	4.48E-05	3.24E-05	4.30E-04	4.79E-05	0.00E+00	5.97E-07	8.83E-07	4.94E-05
3819	493363.09, 3852377.25	0.02885	0.01065	0.00863	0.01062	1.23E-04	0.00E+00	7.34E-07	9.14E-07	1.25E-04	5.79E-05	3.35E-04	5.50E-05	3.35E-05	4.82E-04	5.51E-05	0.00E+00	7.34E-07	9.14E-07	5.68E-05
3820	493863.09, 3852377.25	0.0293	0.01085	0.00947	0.01072	1.25E-04	0.00E+00	8.05E-07	9.23E-07	1.27E-04	5.89E-05	3.42E-04	6.04E-05	3.38E-05	4.95E-04	5.60E-05	0.00E+00	8.05E-07	9.23E-07	5.77E-05
3821	494363.09, 3852377.25	0.0295	0.01102	0.00935	0.01082	1.26E-04	0.00E+00	7.95E-07	9.32E-07	1.27E-04	5.93E-05	3.47E-04	5.96E-05	3.42E-05	5.00E-04	5.63E-05	0.00E+00	7.95E-07	9.32E-07	5.81E-05
3822	494863.09, 3852377.25	0.03143	0.01166	0.00926	0.01102	1.34E-04	0.00E+00	7.88E-07	9.49E-07	1.36E-04	6.31E-05	3.67E-04	5.91E-05	3.48E-05	5.24E-04	6.00E-05	0.00E+00	7.88E-07	9.49E-07	6.18E-05
3823	495363.09, 3852377.25	0.03335	0.01234	0.00932	0.01121	1.42E-04	0.00E+00	7.93E-07	9.65E-07	1.44E-04	6.70E-05	3.89E-04	5.94E-05	3.54E-05	5.51E-04	6.37E-05	0.00E+00	7.93E-07	9.65E-07	6.55E-05
3824	495863.09, 3852377.25	0.03237	0.0122	0.00961	0.01121	1.38E-04	0.00E+00	8.17E-07	9.65E-07	1.40E-04	6.50E-05	3.84E-04	6.13E-05	3.54E-05	5.46E-04	6.18E-05	0.00E+00	8.17E-07	9.65E-07	6.36E-05
3825	496363.09, 3852377.25	0.03122	0.01201	0.01027	0.01117	1.33E-04	0.00E+00	8.73E-07	9.62E-07	1.35E-04	6.27E-05	3.78E-04	6.55E-05	3.53E-05	5.42E-04	5.96E-05	0.00E+00	8.73E-07	9.62E-07	6.15E-05
3826	496863.09, 3852377.25	0.03044	0.01196	0.01098	0.01113	1.30E-04	0.00E+00	9.34E-07	9.58E-07	1.32E-04	6.11E-05	3.77E-04	7.00E-05	3.51E-05	5.43E-04	5.81E-05	0.00E+00	9.34E-07	9.58E-07	6.00E-05
3827	497363.09, 3852377.25	0.02781	0.01134	0.01141	0.01095	1.18E-04	0.00E+00	9.70E-07	9.43E-07	1.20E-04	5.59E-05	3.57E-04	7.28E-05	3.46E-05	5.20E-04	5.31E-05	0.00E+00	9.70E-07	9.43E-07	5.50E-05
3828	497863.09, 3852377.25	0.02511	0.01075	0.01188	0.01085	1.07E-04	0.00E+00	1.01E-06	9.34E-07	1.09E-04	5.04E-05	3.39E-04	7.58E-05	3.43E-05	4.99E-04	4.80E-05	0.00E+00	1.01E-06	9.34E-07	4.99E-05
3829	498363.09, 3852377.25	0.02269	0.0102	0.01219	0.01077	9.66E-05	0.00E+00	1.04E-06	9.27E-07	9.86E-05	4.56E-05	3.21E-04	7.78E-05	3.40E-05	4.79E-04	4.33E-05	0.00E+00	1.04E-06	9.27E-07	4.53E-05
3830	471363.09, 3852877.25	0.00787	0.0044	0.00336	0.00343	3.35E-05	0.00E+00	2.86E-07	2.95E-07	3.41E-05	1.58E-05	1.39E-04	2.14E-05	1.08E-05	1.87E-04	1.50E-05	0.00E+00	2.86E-07	2.95E-07	1.56E-05
3831	471863.09, 3852877.25	0.00857	0.00471	0.0034	0.00352	3.65E-05	0.00E+00	2.89E-07	3.03E-07	3.71E-05	1.72E-05	1.48E-04	2.17E-05	1.11E-05	1.98E-04	1.64E-05	0.00E+00	2.89E-07	3.03E-07	1.70E-05

3832	472363.09, 3852877.25	0.00935	0.00503	0.00349	0.0036	3.98E-05	0.00E+00	2.97E-07	3.10E-07	4.04E-05	1.88E-05	1.58E-04	2.23E-05	1.14E-05	2.11E-04	1.79E-05	0.00E+00	2.97E-07	3.10E-07	1.85E-05
3833	472863.09, 3852877.25	0.00996	0.00529	0.00359	0.00368	4.24E-05	0.00E+00	3.05E-07	3.17E-07	4.30E-05	2.00E-05	1.67E-04	2.29E-05	1.16E-05	2.21E-04	1.90E-05	0.00E+00	3.05E-07	3.17E-07	1.96E-05
3834	473363.09, 3852877.25	0.01069	0.00557	0.00373	0.00376	4.55E-05	0.00E+00	3.17E-07	3.24E-07	4.62E-05	2.15E-05	1.75E-04	2.38E-05	1.19E-05	2.33E-04	2.04E-05	0.00E+00	3.17E-07	3.24E-07	2.11E-05
3835	473863.09, 3852877.25	0.01162	0.00596	0.00391	0.00385	4.95E-05	0.00E+00	3.33E-07	3.32E-07	5.01E-05	2.33E-05	1.88E-04	2.49E-05	1.22E-05	2.48E-04	2.22E-05	0.00E+00	3.33E-07	3.32E-07	2.29E-05
3836	474363.09, 3852877.25	0.01274	0.00642	0.00405	0.00397	5.43E-05	0.00E+00	3.44E-07	3.42E-07	5.49E-05	2.56E-05	2.02E-04	2.58E-05	1.25E-05	2.66E-04	2.43E-05	0.00E+00	3.44E-07	3.42E-07	2.50E-05
3837	474863.09, 3852877.25	0.01238	0.00609	0.00402	0.00401	5.27E-05	0.00E+00	3.42E-07	3.45E-07	5.34E-05	2.49E-05	1.92E-04	2.56E-05	1.27E-05	2.55E-04	2.36E-05	0.00E+00	3.42E-07	3.45E-07	2.43E-05
3838	475363.09, 3852877.25	0.01371	0.00675	0.004	0.00412	5.84E-05	0.00E+00	3.40E-07	3.55E-07	5.91E-05	2.75E-05	2.13E-04	2.55E-05	1.30E-05	2.79E-04	2.62E-05	0.00E+00	3.40E-07	3.55E-07	2.69E-05
3839	475863.09, 3852877.25	0.01433	0.007	0.00384	0.00416	6.10E-05	0.00E+00	3.27E-07	3.58E-07	6.17E-05	2.88E-05	2.20E-04	2.45E-05	1.31E-05	2.87E-04	2.74E-05	0.00E+00	3.27E-07	3.58E-07	2.81E-05
3840	476363.09, 3852877.25	0.01397	0.00678	0.00355	0.00415	5.95E-05	0.00E+00	3.02E-07	3.57E-07	6.02E-05	2.81E-05	2.14E-04	2.26E-05	1.31E-05	2.77E-04	2.67E-05	0.00E+00	3.02E-07	3.57E-07	2.73E-05
3841	476863.09, 3852877.25	0.01269	0.00621	0.00316	0.00412	5.40E-05	0.00E+00	2.69E-07	3.55E-07	5.47E-05	2.55E-05	1.96E-04	2.02E-05	1.30E-05	2.54E-04	2.42E-05	0.00E+00	2.69E-07	3.55E-07	2.49E-05
3842	477363.09, 3852877.25	0.01149	0.00576	0.00278	0.00414	4.89E-05	0.00E+00	2.36E-07	3.56E-07	4.95E-05	2.31E-05	1.81E-04	1.77E-05	1.31E-05	2.35E-04	2.19E-05	0.00E+00	2.36E-07	3.56E-07	2.25E-05
3843	477863.09, 3852877.25	0.01018	0.00532	0.00249	0.00419	4.34E-05	0.00E+00	2.12E-07	3.61E-07	4.39E-05	2.04E-05	1.68E-04	1.59E-05	1.32E-05	2.17E-04	1.94E-05	0.00E+00	2.12E-07	3.61E-07	2.00E-05
3844	478363.09, 3852877.25	0.00794	0.00475	0.00231	0.00425	3.38E-05	0.00E+00	1.96E-07	3.66E-07	3.44E-05	1.59E-05	1.50E-04	1.47E-05	1.34E-05	1.94E-04	1.52E-05	0.00E+00	1.96E-07	3.66E-07	1.57E-05
3845	478863.09, 3852877.25	0.00958	0.0054	0.00241	0.00439	4.08E-05	0.00E+00	2.05E-07	3.78E-07	4.14E-05	1.92E-05	1.70E-04	1.54E-05	1.39E-05	2.19E-04	1.83E-05	0.00E+00	2.05E-07	3.78E-07	1.89E-05
3846	479363.09, 3852877.25	0.01429	0.00644	0.00263	0.00455	6.09E-05	0.00E+00	2.24E-07	3.92E-07	6.15E-05	2.87E-05	2.03E-04	1.68E-05	1.44E-05	2.63E-04	2.73E-05	0.00E+00	2.24E-07	3.92E-07	2.79E-05
3847	479863.09, 3852877.25	0.02471	0.00952	0.00281	0.00473	1.05E-04	0.00E+00	2.39E-07	4.07E-07	1.06E-04	4.96E-05	3.00E-04	1.79E-05	1.49E-05	3.82E-04	4.72E-05	0.00E+00	2.39E-07	4.07E-07	4.78E-05
3848	480363.09, 3852877.25	0.02975	0.01707	0.00283	0.00478	1.27E-04	0.00E+00	2.41E-07	4.12E-07	1.27E-04	5.98E-05	5.38E-04	1.81E-05	1.51E-05	6.31E-04	5.68E-05	0.00E+00	2.41E-07	4.12E-07	5.75E-05
3849	480863.09, 3852877.25	0.03129	0.0208	0.0029	0.00489	1.33E-04	0.00E+00	2.47E-07	4.21E-07	1.34E-04	6.28E-05	6.55E-04	1.85E-05	1.54E-05	7.52E-04	5.98E-05	0.00E+00	2.47E-07	4.21E-07	6.04E-05
3850	481363.09, 3852877.25	0.0308	0.02253	0.00304	0.00504	1.31E-04	0.00E+00	2.59E-07	4.34E-07	1.32E-04	6.19E-05	7.10E-04	1.94E-05	1.59E-05	8.07E-04	5.88E-05	0.00E+00	2.59E-07	4.34E-07	5.95E-05
3851	481863.09, 3852877.25	0.03105	0.02124	0.00311	0.00548	1.32E-04	0.00E+00	2.64E-07	4.72E-07	1.33E-04	6.24E-05	6.69E-04	1.98E-05	1.73E-05	7.69E-04	5.93E-05	0.00E+00	2.64E-07	4.72E-07	6.00E-05
3852	482363.09, 3852877.25	0.0422	0.01977	0.00311	0.00593	1.80E-04	0.00E+00	2.64E-07	5.11E-07	1.80E-04	8.48E-05	6.23E-04	1.98E-05	1.87E-05	7.46E-04	8.06E-05	0.00E+00	2.64E-07	5.11E-07	8.14E-05
3853	482863.09, 3852877.25	0.04839	0.01755	0.00312	0.00625	2.06E-04	0.00E+00	2.65E-07	5.38E-07	2.07E-04	9.72E-05	5.53E-04	1.99E-05	1.97E-05	6.90E-04	9.24E-05	0.00E+00	2.65E-07	5.38E-07	9.32E-05
3854	483363.09, 3852877.25	0.04063	0.01274	0.00359	0.00643	1.73E-04	0.00E+00	3.05E-07	5.54E-07	1.74E-04	8.16E-05	4.01E-04	2.29E-05	2.03E-05	5.26E-04	7.76E-05	0.00E+00	3.05E-07	5.54E-07	7.85E-05
3855	483863.09, 3852877.25	0.03001	0.00834	0.00499	0.00673	1.28E-04	0.00E+00	4.24E-07	5.80E-07	1.29E-04	6.03E-05	2.63E-04	3.18E-05	2.12E-05	3.76E-04	5.73E-05	0.00E+00	4.24E-07	5.80E-07	5.83E-05
3856	484363.09, 3852877.25	0.03194	0.00891	0.00416	0.00656	1.36E-04	0.00E+00	3.54E-07	5.65E-07	1.37E-04	6.42E-05	2.81E-04	2.65E-05	2.07E-05	3.92E-04	6.10E-05	0.00E+00	3.54E-07	5.65E-07	6.19E-05
3857	484863.09, 3852877.25	0.03043	0.0092	0.00524	0.00682	1.30E-04	0.00E+00	4.46E-07	5.87E-07	1.31E-04	6.11E-05	2.90E-04	3.34E-05	2.15E-05	4.06E-04	5.81E-05	0.00E+00	4.46E-07	5.87E-07	5.92E-05
3858	485363.09, 3852877.25	0.02056	0.00707	0.00639	0.00771	8.76E-05	0.00E+00	5.43E-07	6.64E-07	8.88E-05	4.13E-05	2.23E-04	4.08E-05	2.43E-05	3.29E-04	3.93E-05	0.00E+00	5.43E-07	6.64E-07	4.05E-05
3859	485863.09, 3852877.25	0.01644	0.00664	0.00537	0.00795	7.00E-05	0.00E+00	4.57E-07	6.85E-07	7.12E-05	3.30E-05	2.09E-04	3.43E-05	2.51E-05	3.02E-04	3.14E-05	0.00E+00	4.57E-07	6.85E-07	3.25E-05
3860	486363.09, 3852877.25	0.01304	0.00638	0.00702	0.00808	5.55E-05	0.00E+00	5.97E-07	6.96E-07	5.68E-05	2.62E-05	2.01E-04	4.48E-05	2.55E-05	2.97E-04	2.49E-05	0.00E+00	5.97E-07	6.96E-07	2.62E-05
3861	486863.09, 3852877.25	0.01277	0.00665	0.00735	0.00848	5.44E-05	0.00E+00	6.25E-07	7.30E-07	5.57E-05	2.56E-05	2.09E-04	4.69E-05	2.68E-05	3.09E-04	2.44E-05	0.00E+00	6.25E-07	7.30E-07	2.57E-05
3862	487363.09, 3852877.25	0.01203	0.00672	0.0055	0.00869	5.12E-05	0.00E+00	4.68E-07	7.48E-07	5.24E-05	2.42E-05	2.12E-04	3.51E-05	2.74E-05	2.98E-04	2.30E-05	0.00E+00	4.68E-07	7.48E-07	2.42E-05
3863	487863.09, 3852877.25	0.0123	0.00686	0.00415	0.009	5.24E-05	0.00E+00	3.53E-07	7.75E-07	5.35E-05	2.47E-05	2.16E-04	2.65E-05	2.84E-05	2.96E-04	2.35E-05	0.00E+00	3.53E-07	7.75E-07	2.46E-05
3864	488363.09, 3852877.25	0.01043	0.0061	0.00447	0.0089	4.44E-05	0.00E+00	3.80E-07	7.66E-07	4.56E-05	2.09E-05	1.92E-04	2.85E-05	2.81E-05	2.70E-04	1.99E-05	0.00E+00	3.80E-07	7.66E-07	2.11E-05
3865	488863.09, 3852877.25	0.01294	0.00682	0.0052	0.00938	5.51E-05	0.00E+00	4.42E-07	8.08E-07	5.64E-05	2.60E-05	2.15E-04	3.32E-05	2.96E-05	3.04E-04	2.47E-05	0.00E+00	4.42E-07	8.08E-07	2.60E-05
3866	489363.09, 3852877.25	0.01506	0.00725	0.00524	0.00972	6.41E-05	0.00E+00	4.46E-07	8.37E-07	6.54E-05	3.02E-05	2.28E-04	3.34E-05	3.07E-05	3.23E-04	2.88E-05	0.00E+00	4.46E-07	8.37E-07	3.00E-05
3867	489863.09, 3852877.25	0.01725	0.00771	0.00524	0.01002	7.35E-05	0.00E+00	4.46E-07	8.63E-07	7.48E-05	3.46E-05	2.43E-04	3.34E-05	3.16E-05	3.43E-04	3.29E-05	0.00E+00	4.46E-07	8.63E-07	3.43E-05
3868	490363.09, 3852877.25	0.02371	0.00946	0.0055	0.01065	1.01E-04	0.00E+00	4.68E-07	9.17E-07	1.02E-04	4.76E-05	2.98E-04	3.51E-05	3.36E-05	4.14E-04	4.53E-05	0.00E+00	4.68E-07	9.17E-07	4.67E-05
3869	490863.09, 3852877.25	0.02761	0.01043	0.00535	0.01109	1.18E-04	0.00E+00	4.55E-07	9.55E-07	1.19E-04	5.55E-05	3.29E-04	3.41E-05	3.50E-05	4.53E-04	5.27E-05	0.00E+00	4.55E-07	9.55E-07	5.41E-05
3870	491363.09, 3852877.25	0.03134	0.01142	0.00546	0.01149	1.33E-04	0.00E+00	4.64E-07	9.89E-07	1.35E-04	6.29E-05	3.60E-04	3.48E-05	3.63E-05	4.94E-04	5.99E-05	0.00E+00	4.64E-07	9.89E-07	6.13E-05
3871	491863.09, 3852877.25	0.03355	0.01199	0.00601	0.01174	1.43E-04	0.00E+00	5.11E-07	1.01E-06	1.44E-04	6.74E-05	3.78E-04	3.83E-05	3.71E-05	5.20E-04	6.41E-05	0.00E+00	5.11E-07	1.01E-06	6.56E-05
3872	492363.09, 3852877.25	0.03606	0.01258	0.00763	0.01197	1.54E-04	0.00E+00	6.49E-07	1.03E-06	1.55E-04	7.24E-05	3.96E-04	4.87E-05	3.78E-05	5.55E-04	6.89E-05	0.00E+00	6.49E-07	1.03E-06	7.06E-05
3873	492863.09, 3852877.25	0.04033	0.01363	0.01021	0.01231	1.72E-04	0.00E+00	8.68E-07	1.06E-06	1.74E-04	8.10E-05	4.29E-04	6.51E-05	3.89E-05	6.14E-04	7.70E-05	0.00E+00	8.68E-07	1.06E-06	7.90E-05
3874	493363.09, 3852877.25	0.04314	0.01446	0.01186	0.0125	1.84E-04	0.00E+00	1.01E-06	1.08E-06	1.86E-04	8.66E-05	4.55E-04	7.56E-05	3.95E-05	6.57E-04	8.24E-05	0.00E+00	1.01E-06	1.08E-06	8.45E-05
3875	493863.09, 3852877.25	0.04306	0.01465	0.01128	0.01243	1.83E-04	0.00E+00	9.59E-07	1.07E-06	1.85E-04	8.65E-05	4.61E-04	7.19E-05	3.92E-05	6.59E-04	8.22E-05	0.00E+00	9.59E-07	1.07E-06	8.43E-05
3876	494363.09, 3852877.25	0.04306	0.01482	0.01066	0.01249	1.83E-04	0.00E+00	9.07E-07	1.08E-06	1.85E-04	8.65E-05	4.67E-04	6.80E-05	3.94E-05	6.61E-04	8.22E-05	0.00E+00	9.07E-07	1.08E-06	8.42E-05
3877	494863.09, 3852877.25	0.0438	0.01522	0.01056	0.0126	1.87E-04	0.00E+00	8.98E-07	1.08E-06	1.89E-04	8.80E-05	4.79E-04	6.74E-05	3.98E-05	6.75E-04	8.37E-05	0.00E+00	8.98E-07	1.08E-06	8.56E-05
3878	495363.09, 3852877.25	0.04172	0.01487	0.01106	0.01255	1.78E-04	0.00E+00	9.41E-07	1.08E-06	1.80E-04	8.38E-05	4.68E-04	7.05E-05	3.96E-05	6.62E-04	7.97E-05	0.00E+00	9.41E-07	1.08E-06	8.17E-05
3879	495863.09, 3852877.25	0.03948	0.01448	0.01191	0.01246	1.68E-04	0.00E+00	1.01E-06	1.07E-06	1.70E-04	7.93E-05	4.56E-04	7.60E-05	3.93E-05	6.51E-04	7.54E-05	0.00E+00	1.01E-06	1.07E-06	7.75E-05
3880	496363.09, 3852877.25	0.03876	0.01453	0.01289	0.01242	1.65E-04	0.00E+00	1.10E-06	1.07E-06	1.67E-04	7.79E-05	4.58E-04	8.22E-05	3.92E-05	6.57E-04	7.40E-05	0.00E+00	1.10E-06	1.07E-06	7.62E-05
3881	496863.09, 3852877.25	0.03688	0.01431	0.01368	0.01233	1.57E-04	0.00E+00	1.16E-06	1.06E-06	1.59E-04	7.41E-05	4.51E-04	8.73E-05	3.89E-05	6.51E-04	7.04E-05	0.00E+00	1.16E-06	1.06E-06	7.27E-05
3882	497363.09, 3852877.25	0.03184	0.01305	0.01404	0.01202	1.36E-04	0.00E+00	1.19E-06	1.04E-06	1.38E-04	6.40E-05	4.11E-04	8.96E-05	3.80E-05	6.03E-04	6.08E-05	0.00E+00	1.19E-06	1.04E-06	6.30E-05
3883	497863.09, 3852877.25	0.02442	0.01099	0.01399	0.01163	1.04E-04	0.00E+00	1.19E-06	1.00E-06	1.06E-04	4.90E-05	3.46E-04	8.92E-05	3.67E-05	5.21E-04	4.66E-05	0.00E+00	1.19E-06	1.00E-06	4.88E-05
3884	498363.09, 3852877.25	0.02296	0.01073	0.01482	0.01153	9.78E-05	0.00E+00	1.26E-06	9.93E-07	1.00E-04	4.61E-05	3.38E-04	9.45E-05	3.64E-05	5.15E-04	4.39E-05	0.00E+00	1.26E-06	9.93E-07	4.61E-05
3885	471363.09, 3853377.25	0.00825	0.00475	0.00373	0.00352	3.51E-05	0.00E+00	3.17E-07	3.03E-07	3.58E-05	1.66E-05	1.50E-04	2.38E-05	1.11E-05	2.01E-04	1.58E-05	0.00E+00	3.17E-07	3.03E-07	1.64E-05
3886	471863.09, 3853377.25	0.00907	0.00503	0.0038	0.00365	3.86E-05	0.00E+00	3.23E-07	3.14E-07	3.93E-05	1.82E-05	1.58E-04	2.42E-05	1.15E-05	2.12E-04	1.73E-05	0.00E+00	3.23E-07	3.14E-07	1.80E-05
3887	472363.09, 3853377.25	0.00976	0.00531	0.00383	0.00378	4.16E-05	0.00E+00	3.26E-07	3.25E-07	4.22E-05	1.96E-05	1.67E-04	2.44E-05	1.19E-05	2.23E-04	1.86E-05	0.00E+00	3.26E-07	3.25E-07	1.93E-05
3888	472863.09, 3853377.25	0.01046	0.00561	0.00385	0.0039	4.45E-05	0.00E+00	3.27E-07	3.36E-07	4.52E-05	2.10E-05	1.77E-04	2.46E-05	1.23E-05	2.35E-04	2.00E-05	0.00E+00	3.27E-07	3.36E-07	2.06E-05
3889	473363.09, 3853377.25	0.01103	0.00583	0.00386	0.00399	4.70E-05	0.00E+00	3.28E-07	3.44E-07	4.76E-05	2.22E-05	1.84E-04	2.46E-05	1.26E-05	2.43E-04	2.11E-05	0.00E+00	3.28E-07	3.44E-07	2.17E-05
3890	473863.09, 3853377.25	0.01169	0.00608	0.00391	0.00408	4.98E-05	0.00E+00	3.33E-07	3.51E-07	5.05E-05	2.35E-05	1.92E-04	2.49E-05	1.29E-05	2.53E-04	2.23E-05	0.00E+00	3.33E-07	3.51E-07	2.30E-05

3891	474363.09, 3853377.25	0.0124	0.0063	0.00401	0.00415	5.28E-05	0.00E+00	3.41E-07	3.57E-07	5.35E-05	2.49E-05	1.98E-04	2.56E-05	1.31E-05	2.62E-04	2.37E-05	0.00E+00	3.41E-07	3.57E-07	2.44E-05
3892	474863.09, 3853377.25	0.01257	0.00618	0.00412	0.0042	5.35E-05	0.00E+00	3.50E-07	3.62E-07	5.42E-05	2.52E-05	1.95E-04	2.63E-05	1.33E-05	2.59E-04	2.40E-05	0.00E+00	3.50E-07	3.62E-07	2.47E-05
3893	475363.09, 3853377.25	0.01299	0.00621	0.00424	0.00429	5.53E-05	0.00E+00	3.61E-07	3.69E-07	5.60E-05	2.61E-05	1.96E-04	2.70E-05	1.35E-05	2.62E-04	2.48E-05	0.00E+00	3.61E-07	3.69E-07	2.55E-05
3894	475863.09, 3853377.25	0.0133	0.00624	0.0043	0.00439	5.66E-05	0.00E+00	3.66E-07	3.78E-07	5.74E-05	2.67E-05	1.97E-04	2.74E-05	1.39E-05	2.65E-04	2.54E-05	0.00E+00	3.66E-07	3.78E-07	2.61E-05
3895	476363.09, 3853377.25	0.01257	0.00594	0.00414	0.00445	5.35E-05	0.00E+00	3.52E-07	3.83E-07	5.43E-05	2.52E-05	1.87E-04	2.64E-05	1.41E-05	2.53E-04	2.40E-05	0.00E+00	3.52E-07	3.83E-07	2.47E-05
3896	476863.09, 3853377.25	0.01092	0.0054	0.00379	0.00448	4.65E-05	0.00E+00	3.22E-07	3.86E-07	4.72E-05	2.19E-05	1.70E-04	2.42E-05	1.41E-05	2.30E-04	2.09E-05	0.00E+00	3.22E-07	3.86E-07	2.16E-05
3897	477363.09, 3853377.25	0.01075	0.00544	0.00352	0.00453	4.58E-05	0.00E+00	2.99E-07	3.90E-07	4.65E-05	2.16E-05	1.71E-04	2.25E-05	1.43E-05	2.30E-04	2.05E-05	0.00E+00	2.99E-07	3.90E-07	2.12E-05
3898	477863.09, 3853377.25	0.01082	0.00559	0.00322	0.00459	4.61E-05	0.00E+00	2.74E-07	3.95E-07	4.67E-05	2.17E-05	1.76E-04	2.05E-05	1.45E-05	2.33E-04	2.07E-05	0.00E+00	2.74E-07	3.95E-07	2.13E-05
3899	478363.09, 3853377.25	0.00917	0.0051	0.00277	0.00465	3.91E-05	0.00E+00	2.36E-07	4.00E-07	3.97E-05	1.84E-05	1.61E-04	1.77E-05	1.47E-05	2.11E-04	1.75E-05	0.00E+00	2.36E-07	4.00E-07	1.82E-05
3900	478863.09, 3853377.25	0.00713	0.00451	0.00248	0.00472	3.04E-05	0.00E+00	2.11E-07	4.06E-07	3.10E-05	1.43E-05	1.42E-04	1.58E-05	1.49E-05	1.87E-04	1.36E-05	0.00E+00	2.11E-07	4.06E-07	1.42E-05
3901	479363.09, 3853377.25	0.01163	0.00622	0.00261	0.005	4.95E-05	0.00E+00	2.22E-07	4.31E-07	5.02E-05	2.34E-05	1.96E-04	1.66E-05	1.58E-05	2.52E-04	2.22E-05	0.00E+00	2.22E-07	4.31E-07	2.29E-05
3902	479863.09, 3853377.25	0.0179	0.00806	0.0028	0.00525	7.62E-05	0.00E+00	2.38E-07	4.52E-07	7.69E-05	3.60E-05	2.54E-04	1.79E-05	1.66E-05	3.24E-04	3.42E-05	0.00E+00	2.38E-07	4.52E-07	3.49E-05
3903	480363.09, 3853377.25	0.0293	0.01216	0.00296	0.00547	1.25E-04	0.00E+00	2.52E-07	4.71E-07	1.26E-04	5.89E-05	3.83E-04	1.89E-05	1.73E-05	4.78E-04	5.60E-05	0.00E+00	2.52E-07	4.71E-07	5.67E-05
3904	480863.09, 3853377.25	0.03293	0.01242	0.00304	0.00561	1.40E-04	0.00E+00	2.59E-07	4.83E-07	1.41E-04	6.61E-05	3.91E-04	1.94E-05	1.77E-05	4.94E-04	6.29E-05	0.00E+00	2.59E-07	4.83E-07	6.36E-05
3905	481363.09, 3853377.25	0.04076	0.02035	0.00311	0.00593	1.74E-04	0.00E+00	2.64E-07	5.11E-07	1.74E-04	8.19E-05	6.41E-04	1.98E-05	1.87E-05	7.61E-04	7.78E-05	0.00E+00	2.64E-07	5.11E-07	7.86E-05
3906	481863.09, 3853377.25	0.04147	0.02784	0.0033	0.00625	1.77E-04	0.00E+00	2.81E-07	5.38E-07	1.77E-04	8.33E-05	8.77E-04	2.10E-05	1.97E-05	1.00E-03	7.92E-05	0.00E+00	2.81E-07	5.38E-07	8.00E-05
3907	482363.09, 3853377.25	0.04146	0.02534	0.00339	0.00694	1.77E-04	0.00E+00	2.88E-07	5.98E-07	1.77E-04	8.33E-05	7.98E-04	2.16E-05	2.19E-05	9.25E-04	7.92E-05	0.00E+00	2.88E-07	5.98E-07	8.01E-05
3908	482863.09, 3853377.25	0.05577	0.02455	0.00341	0.00763	2.38E-04	0.00E+00	2.90E-07	6.57E-07	2.38E-04	1.12E-04	7.73E-04	2.18E-05	2.41E-05	9.31E-04	1.07E-04	0.00E+00	2.90E-07	6.57E-07	1.07E-04
3909	483363.09, 3853377.25	0.06414	0.0177	0.00342	0.00759	2.73E-04	0.00E+00	2.91E-07	6.54E-07	2.74E-04	1.29E-04	5.58E-04	2.18E-05	2.40E-05	7.32E-04	1.23E-04	0.00E+00	2.91E-07	6.54E-07	1.23E-04
3910	483863.09, 3853377.25	0.05295	0.01405	0.00404	0.00806	2.25E-04	0.00E+00	3.44E-07	6.94E-07	2.27E-04	1.06E-04	4.43E-04	2.58E-05	2.54E-05	6.00E-04	1.01E-04	0.00E+00	3.44E-07	6.94E-07	1.02E-04
3911	484363.09, 3853377.25	0.04848	0.01318	0.00463	0.008	2.06E-04	0.00E+00	3.94E-07	6.89E-07	2.08E-04	9.74E-05	4.15E-04	2.95E-05	2.53E-05	5.67E-04	9.26E-05	0.00E+00	3.94E-07	6.89E-07	9.37E-05
3912	484863.09, 3853377.25	0.03787	0.01031	0.00475	0.0091	1.61E-04	0.00E+00	4.04E-07	7.84E-07	1.62E-04	7.61E-05	3.25E-04	3.03E-05	2.87E-05	4.60E-04	7.23E-05	0.00E+00	4.04E-07	7.84E-07	7.35E-05
3913	485363.09, 3853377.25	0.02111	0.00797	0.00717	0.00977	8.99E-05	0.00E+00	6.10E-07	8.41E-07	9.14E-05	4.24E-05	2.51E-04	4.57E-05	3.08E-05	3.70E-04	4.03E-05	0.00E+00	6.10E-07	8.41E-07	4.18E-05
3914	485863.09, 3853377.25	0.01395	0.00713	0.00522	0.0097	5.94E-05	0.00E+00	4.44E-07	8.35E-07	6.07E-05	2.80E-05	2.25E-04	3.33E-05	3.06E-05	3.17E-04	2.66E-05	0.00E+00	4.44E-07	8.35E-07	2.79E-05
3915	486363.09, 3853377.25	0.01475	0.00802	0.00632	0.0105	6.28E-05	0.00E+00	5.37E-07	9.04E-07	6.43E-05	2.96E-05	2.53E-04	4.03E-05	3.32E-05	3.56E-04	2.82E-05	0.00E+00	5.37E-07	9.04E-07	2.96E-05
3916	486863.09, 3853377.25	0.01568	0.00878	0.00742	0.01093	6.68E-05	0.00E+00	6.31E-07	9.41E-07	6.83E-05	3.15E-05	2.77E-04	4.73E-05	3.45E-05	3.90E-04	2.99E-05	0.00E+00	6.31E-07	9.41E-07	3.15E-05
3917	487363.09, 3853377.25	0.01869	0.00979	0.00666	0.01123	7.96E-05	0.00E+00	5.66E-07	9.67E-07	8.11E-05	3.75E-05	3.08E-04	4.25E-05	3.55E-05	4.24E-04	3.57E-05	0.00E+00	5.66E-07	9.67E-07	3.72E-05
3918	487863.09, 3853377.25	0.02288	0.01062	0.00471	0.01156	9.74E-05	0.00E+00	4.01E-07	9.95E-07	9.88E-05	4.60E-05	3.35E-04	3.00E-05	3.65E-05	4.47E-04	4.37E-05	0.00E+00	4.01E-07	9.95E-07	4.51E-05
3919	488363.09, 3853377.25	0.02797	0.01168	0.00505	0.01217	1.19E-04	0.00E+00	4.29E-07	1.05E-06	1.21E-04	5.62E-05	3.68E-04	3.22E-05	3.84E-05	4.95E-04	5.34E-05	0.00E+00	4.29E-07	1.05E-06	5.49E-05
3920	488863.09, 3853377.25	0.03221	0.01231	0.00595	0.0128	1.37E-04	0.00E+00	5.06E-07	1.10E-06	1.39E-04	6.47E-05	3.88E-04	3.80E-05	4.04E-05	5.31E-04	6.15E-05	0.00E+00	5.06E-07	1.10E-06	6.31E-05
3921	489363.09, 3853377.25	0.03593	0.01281	0.00638	0.01306	1.53E-04	0.00E+00	5.43E-07	1.12E-06	1.55E-04	7.22E-05	4.04E-04	4.07E-05	4.12E-05	5.58E-04	6.86E-05	0.00E+00	5.43E-07	1.12E-06	7.03E-05
3922	489863.09, 3853377.25	0.03793	0.01321	0.00703	0.01317	1.62E-04	0.00E+00	5.98E-07	1.13E-06	1.63E-04	7.62E-05	4.16E-04	4.48E-05	4.16E-05	5.79E-04	7.24E-05	0.00E+00	5.98E-07	1.13E-06	7.42E-05
3923	490363.09, 3853377.25	0.04296	0.01442	0.00713	0.01357	1.83E-04	0.00E+00	6.06E-07	1.17E-06	1.85E-04	8.63E-05	4.54E-04	4.55E-05	4.28E-05	6.29E-04	8.21E-05	0.00E+00	6.06E-07	1.17E-06	8.38E-05
3924	490863.09, 3853377.25	0.04726	0.01526	0.0068	0.01389	2.01E-04	0.00E+00	5.78E-07	1.20E-06	2.03E-04	9.49E-05	4.81E-04	4.34E-05	4.39E-05	6.63E-04	9.03E-05	0.00E+00	5.78E-07	1.20E-06	9.20E-05
3925	491363.09, 3853377.25	0.05104	0.01611	0.00645	0.01406	2.17E-04	0.00E+00	5.49E-07	1.21E-06	2.19E-04	1.03E-04	5.07E-04	4.11E-05	4.44E-05	6.96E-04	9.75E-05	0.00E+00	5.49E-07	1.21E-06	9.92E-05
3926	491863.09, 3853377.25	0.05396	0.01681	0.00826	0.01412	2.30E-04	0.00E+00	7.02E-07	1.22E-06	2.32E-04	1.08E-04	5.30E-04	5.27E-05	4.46E-05	7.35E-04	1.03E-04	0.00E+00	7.02E-07	1.22E-06	1.05E-04
3927	492363.09, 3853377.25	0.05818	0.01783	0.0113	0.01424	2.48E-04	0.00E+00	9.61E-07	1.23E-06	2.50E-04	1.17E-04	5.62E-04	7.21E-05	4.50E-05	7.96E-04	1.11E-04	0.00E+00	9.61E-07	1.23E-06	1.13E-04
3928	492863.09, 3853377.25	0.06173	0.01886	0.01404	0.01442	2.63E-04	0.00E+00	1.19E-06	1.24E-06	2.65E-04	1.24E-04	5.94E-04	8.96E-05	4.55E-05	8.53E-04	1.18E-04	0.00E+00	1.19E-06	1.24E-06	1.20E-04
3929	493363.09, 3853377.25	0.06171	0.01932	0.01361	0.01435	2.63E-04	0.00E+00	1.16E-06	1.24E-06	2.65E-04	1.24E-04	6.09E-04	8.68E-05	4.53E-05	8.65E-04	1.18E-04	0.00E+00	1.16E-06	1.24E-06	1.20E-04
3930	493863.09, 3853377.25	0.06109	0.0195	0.01277	0.01439	2.60E-04	0.00E+00	1.09E-06	1.24E-06	2.62E-04	1.23E-04	6.14E-04	8.15E-05	4.54E-05	8.64E-04	1.17E-04	0.00E+00	1.09E-06	1.24E-06	1.19E-04
3931	494363.09, 3853377.25	0.05848	0.01912	0.01232	0.01432	2.49E-04	0.00E+00	1.05E-06	1.23E-06	2.51E-04	1.17E-04	6.02E-04	7.86E-05	4.52E-05	8.44E-04	1.12E-04	0.00E+00	1.05E-06	1.23E-06	1.14E-04
3932	494863.09, 3853377.25	0.055	0.01854	0.01343	0.01419	2.34E-04	0.00E+00	1.14E-06	1.22E-06	2.37E-04	1.10E-04	5.84E-04	8.57E-05	4.48E-05	8.25E-04	1.05E-04	0.00E+00	1.14E-06	1.22E-06	1.07E-04
3933	495363.09, 3853377.25	0.05307	0.01839	0.01483	0.01411	2.26E-04	0.00E+00	1.26E-06	1.22E-06	2.28E-04	1.07E-04	5.79E-04	9.46E-05	4.46E-05	8.25E-04	1.01E-04	0.00E+00	1.26E-06	1.22E-06	1.04E-04
3934	495863.09, 3853377.25	0.05002	0.01792	0.01573	0.01391	2.13E-04	0.00E+00	1.34E-06	1.20E-06	2.16E-04	1.00E-04	5.64E-04	1.00E-04	4.39E-05	8.09E-04	9.55E-05	0.00E+00	1.34E-06	1.20E-06	9.81E-05
3935	496363.09, 3853377.25	0.04584	0.0171	0.01631	0.01363	1.95E-04	0.00E+00	1.39E-06	1.17E-06	1.98E-04	9.21E-05	5.39E-04	1.04E-04	4.30E-05	7.78E-04	8.76E-05	0.00E+00	1.39E-06	1.17E-06	9.01E-05
3936	496863.09, 3853377.25	0.04026	0.01582	0.01691	0.01329	1.71E-04	0.00E+00	1.44E-06	1.14E-06	1.74E-04	8.09E-05	4.98E-04	1.08E-04	4.20E-05	7.29E-04	7.69E-05	0.00E+00	1.44E-06	1.14E-06	7.95E-05
3937	497363.09, 3853377.25	0.03359	0.01418	0.01737	0.01291	1.43E-04	0.00E+00	1.48E-06	1.11E-06	1.46E-04	6.75E-05	4.47E-04	1.11E-04	4.08E-05	6.66E-04	6.42E-05	0.00E+00	1.48E-06	1.11E-06	6.67E-05
3938	497863.09, 3853377.25	0.023	0.01096	0.01682	0.0121	9.79E-05	0.00E+00	1.43E-06	1.04E-06	1.00E-04	4.62E-05	3.45E-04	1.07E-04	3.82E-05	5.37E-04	4.39E-05	0.00E+00	1.43E-06	1.04E-06	4.64E-05
3939	498363.09, 3853377.25	0.01822	0.00943	0.0168	0.01148	7.76E-05	0.00E+00	1.43E-06	9.89E-07	8.00E-05	3.66E-05	2.97E-04	1.07E-04	3.62E-05	4.77E-04	3.48E-05	0.00E+00	1.43E-06	9.89E-07	3.72E-05
3940	471363.09, 3853877.25	0.00809	0.0051	0.00396	0.00351	3.45E-05	0.00E+00	3.37E-07	3.02E-07	3.51E-05	1.62E-05	1.61E-04	2.53E-05	1.11E-05	2.13E-04	1.55E-05	0.00E+00	3.37E-07	3.02E-07	1.61E-05
3941	471863.09, 3853877.25	0.00907	0.00548	0.00419	0.00365	3.86E-05	0.00E+00	3.56E-07	3.14E-07	3.93E-05	1.82E-05	1.73E-04	2.67E-05	1.15E-05	2.29E-04	1.73E-05	0.00E+00	3.56E-07	3.14E-07	1.80E-05
3942	472363.09, 3853877.25	0.00973	0.00566	0.00429	0.00379	4.14E-05	0.00E+00	3.65E-07	3.26E-07	4.21E-05	1.95E-05	1.78E-04	2.74E-05	1.20E-05	2.37E-04	1.86E-05	0.00E+00	3.65E-07	3.26E-07	1.93E-05
3943	472863.09, 3853877.25	0.01054	0.00591	0.00438	0.00395	4.49E-05	0.00E+00	3.73E-07	3.40E-07	4.56E-05	2.12E-05	1.86E-04	2.79E-05	1.25E-05	2.48E-04	2.01E-05	0.00E+00	3.73E-07	3.40E-07	2.08E-05
3944	473363.09, 3853877.25	0.01114	0.00603	0.00437	0.0041	4.74E-05	0.00E+00	3.72E-07	3.53E-07	4.82E-05	2.24E-05	1.90E-04	2.79E-05	1.29E-05	2.53E-04	2.13E-05	0.00E+00	3.72E-07	3.53E-07	2.20E-05
3945	473863.09, 3853877.25	0.01176	0.0062	0.00434	0.00424	5.01E-05	0.00E+00	3.69E-07	3.65E-07	5.08E-05	2.36E-05	1.95E-04	2.77E-05	1.34E-05	2.60E-04	2.25E-05	0.00E+00	3.69E-07	3.65E-07	2.32E-05
3946	474363.09, 3853877.25	0.01254	0.00648	0.00433	0.00439	5.34E-05	0.00E+00	3.68E-07	3.78E-07	5.41E-05	2.52E-05	2.04E-04	2.76E-05	1.39E-05	2.71E-04	2.40E-05	0.00E+00	3.68E-07	3.78E-07	2.47E-05
3947	474863.09, 3853877.25	0.01316	0.00668	0.00432	0.00452	5.60E-05	0.00E+00	3.67E-07	3.89E-07	5.68E-05	2.64E-05	2.10E-04	2.76E-05	1.43E-05	2.79E-04	2.51E-05	0.00E+00	3.67E-07	3.89E-07	2.59E-05
3948	475363.09, 3853877.25	0.01295	0.00648	0.00431	0.00456	5.51E-05	0.00E+00	3.67E-07	3.93E-07	5.59E-05	2.60E-05	2.04E-04	2.75E-05	1.44E-05	2.72E-04	2.47E-05	0.00E+00	3.67E-07	3.93E-07	2.55E-05
3949	475863.09, 3853877.25	0.01129	0.00586	0.00427	0.00458	4.81E-05	0.00E+00	3.63E-07	3.94E-07	4.88E-05	2.27E-05	1.85E-04	2.72E-05	1.45E-05	2.49E-04	2.16E-05	0.00E+00	3.63E-07	3.94E-07	2.23E-05

3950	476363.09, 3853877.25	0.0096	0.0053	0.00421	0.00462	4.09E-05	0.00E+00	3.58E-07	3.98E-07	4.16E-05	1.93E-05	1.67E-04	2.69E-05	1.46E-05	2.28E-04	1.83E-05	0.00E+00	3.58E-07	3.98E-07	1.91E-05
3951	476863.09, 3853877.25	0.00776	0.0047	0.00394	0.00469	3.30E-05	0.00E+00	3.35E-07	4.04E-07	3.38E-05	1.56E-05	1.48E-04	2.51E-05	1.48E-05	2.04E-04	1.48E-05	0.00E+00	3.35E-07	4.04E-07	1.56E-05
3952	477363.09, 3853877.25	0.00858	0.00496	0.00389	0.00484	3.65E-05	0.00E+00	3.31E-07	4.17E-07	3.73E-05	1.72E-05	1.56E-04	2.48E-05	1.53E-05	2.14E-04	1.64E-05	0.00E+00	3.31E-07	4.17E-07	1.71E-05
3953	477863.09, 3853877.25	0.00991	0.00545	0.00386	0.00501	4.22E-05	0.00E+00	3.28E-07	4.31E-07	4.30E-05	1.99E-05	1.72E-04	2.46E-05	1.58E-05	2.32E-04	1.89E-05	0.00E+00	3.28E-07	4.31E-07	1.97E-05
3954	478363.09, 3853877.25	0.01057	0.00576	0.00368	0.00517	4.50E-05	0.00E+00	3.13E-07	4.45E-07	4.58E-05	2.12E-05	1.81E-04	2.35E-05	1.63E-05	2.42E-04	2.02E-05	0.00E+00	3.13E-07	4.45E-07	2.09E-05
3955	478863.09, 3853877.25	0.00768	0.00482	0.00316	0.00526	3.27E-05	0.00E+00	2.69E-07	4.53E-07	3.34E-05	1.54E-05	1.52E-04	2.02E-05	1.66E-05	2.04E-04	1.47E-05	0.00E+00	2.69E-07	4.53E-07	1.54E-05
3956	479363.09, 3853877.25	0.01029	0.00587	0.00306	0.00549	4.38E-05	0.00E+00	2.60E-07	4.73E-07	4.46E-05	2.07E-05	1.85E-04	1.95E-05	1.73E-05	2.42E-04	1.97E-05	0.00E+00	2.60E-07	4.73E-07	2.04E-05
3957	479863.09, 3853877.25	0.01863	0.00859	0.00318	0.00589	7.93E-05	0.00E+00	2.70E-07	5.07E-07	8.01E-05	3.74E-05	2.71E-04	2.03E-05	1.86E-05	3.47E-04	3.56E-05	0.00E+00	2.70E-07	5.07E-07	3.64E-05
3958	480363.09, 3853877.25	0.0268	0.01098	0.00312	0.00635	1.14E-04	0.00E+00	2.65E-07	5.47E-07	1.15E-04	5.38E-05	3.46E-04	1.99E-05	2.00E-05	4.40E-04	5.12E-05	0.00E+00	2.65E-07	5.47E-07	5.20E-05
3959	480863.09, 3853877.25	0.03807	0.01629	0.00318	0.0067	1.62E-04	0.00E+00	2.70E-07	5.77E-07	1.63E-04	7.65E-05	5.13E-04	2.03E-05	2.12E-05	6.31E-04	7.27E-05	0.00E+00	2.70E-07	5.77E-07	7.36E-05
3960	481363.09, 3853877.25	0.04528	0.02268	0.00331	0.0071	1.93E-04	0.00E+00	2.82E-07	6.11E-07	1.94E-04	9.09E-05	7.14E-04	2.11E-05	2.24E-05	8.49E-04	8.65E-05	0.00E+00	2.82E-07	6.11E-07	8.74E-05
3961	481863.09, 3853877.25	0.05157	0.03737	0.0035	0.00795	2.20E-04	0.00E+00	2.98E-07	6.85E-07	2.21E-04	1.04E-04	1.18E-03	2.23E-05	2.51E-05	1.33E-03	9.85E-05	0.00E+00	2.98E-07	6.85E-07	9.95E-05
3962	482363.09, 3853877.25	0.05823	0.03556	0.00361	0.00896	2.48E-04	0.00E+00	3.07E-07	7.72E-07	2.49E-04	1.17E-04	1.12E-03	2.30E-05	2.83E-05	1.29E-03	1.11E-04	0.00E+00	3.07E-07	7.72E-07	1.12E-04
3963	482863.09, 3853877.25	0.06218	0.03067	0.00369	0.01034	2.65E-04	0.00E+00	3.14E-07	8.90E-07	2.66E-04	1.25E-04	9.66E-04	2.35E-05	3.26E-05	1.15E-03	1.19E-04	0.00E+00	3.14E-07	8.90E-07	1.20E-04
3964	483363.09, 3853877.25	0.08343	0.02377	0.00371	0.0101	3.55E-04	0.00E+00	3.16E-07	8.70E-07	3.56E-04	1.68E-04	7.49E-04	2.37E-05	3.19E-05	9.72E-04	1.59E-04	0.00E+00	3.16E-07	8.70E-07	1.61E-04
3965	483863.09, 3853877.25	0.09187	0.02092	0.00379	0.01096	3.91E-04	0.00E+00	3.22E-07	9.44E-07	3.93E-04	1.85E-04	6.59E-04	2.42E-05	3.46E-05	9.02E-04	1.75E-04	0.00E+00	3.22E-07	9.44E-07	1.77E-04
3966	484363.09, 3853877.25	0.06881	0.01585	0.00478	0.01226	2.93E-04	0.00E+00	4.07E-07	1.06E-06	2.95E-04	1.38E-04	4.99E-04	3.05E-05	3.87E-05	7.07E-04	1.31E-04	0.00E+00	4.07E-07	1.06E-06	1.33E-04
3967	484863.09, 3853877.25	0.04359	0.01276	0.00586	0.01384	1.86E-04	0.00E+00	4.98E-07	1.19E-06	1.87E-04	8.76E-05	4.02E-04	3.74E-05	4.37E-05	5.71E-04	8.33E-05	0.00E+00	4.98E-07	1.19E-06	8.49E-05
3968	485363.09, 3853877.25	0.02295	0.01068	0.00556	0.01391	9.77E-05	0.00E+00	4.73E-07	1.20E-06	9.94E-05	4.61E-05	3.36E-04	3.55E-05	4.39E-05	4.62E-04	4.38E-05	0.00E+00	4.73E-07	1.20E-06	4.55E-05
3969	485863.09, 3853877.25	0.02584	0.01266	0.00738	0.01469	1.10E-04	0.00E+00	6.28E-07	1.26E-06	1.12E-04	5.19E-05	3.99E-04	4.71E-05	4.64E-05	5.44E-04	4.94E-05	0.00E+00	6.28E-07	1.26E-06	5.12E-05
3970	486363.09, 3853877.25	0.0265	0.01356	0.00655	0.01474	1.13E-04	0.00E+00	5.57E-07	1.27E-06	1.15E-04	5.32E-05	4.27E-04	4.18E-05	4.65E-05	5.69E-04	5.06E-05	0.00E+00	5.57E-07	1.27E-06	5.24E-05
3971	486863.09, 3853877.25	0.02943	0.01409	0.00855	0.01465	1.25E-04	0.00E+00	7.27E-07	1.26E-06	1.27E-04	5.91E-05	4.44E-04	5.45E-05	4.63E-05	6.04E-04	5.62E-05	0.00E+00	7.27E-07	1.26E-06	5.82E-05
3972	487363.09, 3853877.25	0.03745	0.01544	0.0086	0.01536	1.59E-04	0.00E+00	7.31E-07	1.32E-06	1.62E-04	7.52E-05	4.86E-04	5.49E-05	4.85E-05	6.65E-04	7.15E-05	0.00E+00	7.31E-07	1.32E-06	7.36E-05
3973	487863.09, 3853877.25	0.05075	0.01759	0.0056	0.01621	2.16E-04	0.00E+00	4.76E-07	1.40E-06	2.18E-04	1.02E-04	5.54E-04	3.57E-05	5.12E-05	7.43E-04	9.69E-05	0.00E+00	4.76E-07	1.40E-06	9.88E-05
3974	488363.09, 3853877.25	0.06001	0.01891	0.0058	0.01653	2.56E-04	0.00E+00	4.93E-07	1.42E-06	2.57E-04	1.21E-04	5.96E-04	3.70E-05	5.22E-05	8.05E-04	1.15E-04	0.00E+00	4.93E-07	1.42E-06	1.17E-04
3975	488863.09, 3853877.25	0.0714	0.02066	0.00681	0.01728	3.04E-04	0.00E+00	5.79E-07	1.49E-06	3.06E-04	1.43E-04	6.51E-04	4.34E-05	5.46E-05	8.92E-04	1.36E-04	0.00E+00	5.79E-07	1.49E-06	1.38E-04
3976	489363.09, 3853877.25	0.07217	0.02048	0.00799	0.01721	3.07E-04	0.00E+00	6.80E-07	1.48E-06	3.10E-04	1.45E-04	6.45E-04	5.10E-05	5.43E-05	8.95E-04	1.38E-04	0.00E+00	6.80E-07	1.48E-06	1.40E-04
3977	489863.09, 3853877.25	0.07756	0.02164	0.00946	0.01722	3.30E-04	0.00E+00	8.05E-07	1.48E-06	3.33E-04	1.56E-04	6.82E-04	6.03E-05	5.44E-05	9.52E-04	1.48E-04	0.00E+00	8.05E-07	1.48E-06	1.50E-04
3978	490363.09, 3853877.25	0.07903	0.02195	0.00988	0.017	3.37E-04	0.00E+00	8.40E-07	1.46E-06	3.39E-04	1.59E-04	6.91E-04	6.30E-05	5.37E-05	9.67E-04	1.51E-04	0.00E+00	8.40E-07	1.46E-06	1.53E-04
3979	490863.09, 3853877.25	0.08171	0.02258	0.00737	0.01692	3.48E-04	0.00E+00	6.27E-07	1.46E-06	3.50E-04	1.64E-04	7.11E-04	4.70E-05	5.34E-05	9.76E-04	1.56E-04	0.00E+00	6.27E-07	1.46E-06	1.58E-04
3980	491363.09, 3853877.25	0.08423	0.02321	0.00899	0.01692	3.59E-04	0.00E+00	7.65E-07	1.46E-06	3.61E-04	1.69E-04	7.31E-04	5.73E-05	5.34E-05	1.01E-03	1.61E-04	0.00E+00	7.65E-07	1.46E-06	1.63E-04
3981	491863.09, 3853877.25	0.08553	0.02368	0.01334	0.01676	3.64E-04	0.00E+00	1.13E-06	1.44E-06	3.67E-04	1.72E-04	7.46E-04	8.51E-05	5.29E-05	1.06E-03	1.63E-04	0.00E+00	1.13E-06	1.44E-06	1.66E-04
3982	492363.09, 3853877.25	0.08874	0.02498	0.01636	0.01669	3.78E-04	0.00E+00	1.39E-06	1.44E-06	3.81E-04	1.78E-04	7.87E-04	1.04E-04	5.27E-05	1.12E-03	1.69E-04	0.00E+00	1.39E-06	1.44E-06	1.72E-04
3983	492863.09, 3853877.25	0.08913	0.02578	0.01674	0.01666	3.80E-04	0.00E+00	1.42E-06	1.43E-06	3.82E-04	1.79E-04	8.12E-04	1.07E-04	5.26E-05	1.15E-03	1.70E-04	0.00E+00	1.42E-06	1.43E-06	1.73E-04
3984	493363.09, 3853877.25	0.08617	0.02564	0.01524	0.01661	3.67E-04	0.00E+00	1.30E-06	1.43E-06	3.70E-04	1.73E-04	8.08E-04	9.72E-05	5.24E-05	1.13E-03	1.65E-04	0.00E+00	1.30E-06	1.43E-06	1.67E-04
3985	493863.09, 3853877.25	0.08182	0.0251	0.0153	0.0165	3.48E-04	0.00E+00	1.30E-06	1.42E-06	3.51E-04	1.64E-04	7.91E-04	9.76E-05	5.21E-05	1.10E-03	1.56E-04	0.00E+00	1.30E-06	1.42E-06	1.59E-04
3986	494363.09, 3853877.25	0.07807	0.02478	0.01802	0.01639	3.32E-04	0.00E+00	1.53E-06	1.41E-06	3.35E-04	1.57E-04	7.81E-04	1.15E-04	5.17E-05	1.10E-03	1.49E-04	0.00E+00	1.53E-06	1.41E-06	1.52E-04
3987	494863.09, 3853877.25	0.07256	0.02386	0.01988	0.01607	3.09E-04	0.00E+00	1.69E-06	1.38E-06	3.12E-04	1.46E-04	7.52E-04	1.27E-04	5.07E-05	1.07E-03	1.39E-04	0.00E+00	1.69E-06	1.38E-06	1.42E-04
3988	495363.09, 3853877.25	0.06226	0.02148	0.0192	0.01537	2.65E-04	0.00E+00	1.63E-06	1.32E-06	2.68E-04	1.25E-04	6.77E-04	1.22E-04	4.85E-05	9.73E-04	1.19E-04	0.00E+00	1.63E-06	1.32E-06	1.22E-04
3989	495863.09, 3853877.25	0.05437	0.01981	0.01945	0.01488	2.32E-04	0.00E+00	1.65E-06	1.28E-06	2.34E-04	1.09E-04	6.24E-04	1.24E-04	4.70E-05	9.04E-04	1.04E-04	0.00E+00	1.65E-06	1.28E-06	1.07E-04
3990	496363.09, 3853877.25	0.04935	0.0189	0.0204	0.01461	2.10E-04	0.00E+00	1.73E-06	1.26E-06	2.13E-04	9.91E-05	5.95E-04	1.30E-04	4.61E-05	8.71E-04	9.43E-05	0.00E+00	1.73E-06	1.26E-06	9.72E-05
3991	496863.09, 3853877.25	0.04155	0.01705	0.02103	0.01413	1.77E-04	0.00E+00	1.79E-06	1.22E-06	1.80E-04	8.35E-05	5.37E-04	1.34E-04	4.46E-05	7.99E-04	7.94E-05	0.00E+00	1.79E-06	1.22E-06	8.24E-05
3992	497363.09, 3853877.25	0.03539	0.01557	0.02125	0.01375	1.51E-04	0.00E+00	1.81E-06	1.18E-06	1.54E-04	7.11E-05	4.90E-04	1.36E-04	4.34E-05	7.40E-04	6.76E-05	0.00E+00	1.81E-06	1.18E-06	7.06E-05
3993	497863.09, 3853877.25	0.0279	0.01342	0.02137	0.01323	1.19E-04	0.00E+00	1.82E-06	1.14E-06	1.22E-04	5.60E-05	4.23E-04	1.36E-04	4.18E-05	6.57E-04	5.33E-05	0.00E+00	1.82E-06	1.14E-06	5.62E-05
3994	498363.09, 3853877.25	0.02371	0.01214	0.02112	0.01269	1.01E-04	0.00E+00	1.80E-06	1.09E-06	1.04E-04	4.76E-05	3.82E-04	1.35E-04	4.01E-05	6.05E-04	4.53E-05	0.00E+00	1.80E-06	1.09E-06	4.82E-05
3995	471363.09, 3854377.25	0.00791	0.00529	0.00378	0.00351	3.37E-05	0.00E+00	3.21E-07	3.02E-07	3.43E-05	1.59E-05	1.67E-04	2.41E-05	1.11E-05	2.18E-04	1.51E-05	0.00E+00	3.21E-07	3.02E-07	1.57E-05
3996	471863.09, 3854377.25	0.00866	0.00574	0.00407	0.00365	3.69E-05	0.00E+00	3.46E-07	3.14E-07	3.75E-05	1.74E-05	1.81E-04	2.60E-05	1.15E-05	2.36E-04	1.65E-05	0.00E+00	3.46E-07	3.14E-07	1.72E-05
3997	472363.09, 3854377.25	0.00931	0.00605	0.00431	0.00379	3.96E-05	0.00E+00	3.67E-07	3.26E-07	4.03E-05	1.87E-05	1.91E-04	2.75E-05	1.20E-05	2.49E-04	1.78E-05	0.00E+00	3.67E-07	3.26E-07	1.85E-05
3998	472863.09, 3854377.25	0.0099	0.00625	0.00452	0.00393	4.22E-05	0.00E+00	3.84E-07	3.38E-07	4.29E-05	1.99E-05	1.97E-04	2.88E-05	1.24E-05	2.58E-04	1.89E-05	0.00E+00	3.84E-07	3.38E-07	1.96E-05
3999	473363.09, 3854377.25	0.01071	0.00653	0.00474	0.00409	4.56E-05	0.00E+00	4.03E-07	3.52E-07	4.64E-05	2.15E-05	2.06E-04	3.02E-05	1.29E-05	2.70E-04	2.05E-05	0.00E+00	4.03E-07	3.52E-07	2.12E-05
4000	473863.09, 3854377.25	0.01171	0.00687	0.00494	0.00428	4.99E-05	0.00E+00	4.20E-07	3.69E-07	5.07E-05	2.35E-05	2.16E-04	3.15E-05	1.35E-05	2.85E-04	2.24E-05	0.00E+00	4.20E-07	3.69E-07	2.32E-05
4001	474363.09, 3854377.25	0.01275	0.00714	0.00506	0.00447	5.43E-05	0.00E+00	4.30E-07	3.85E-07	5.51E-05	2.56E-05	2.25E-04	3.23E-05	1.41E-05	2.97E-04	2.44E-05	0.00E+00	4.30E-07	3.85E-07	2.52E-05
4002	474863.09, 3854377.25	0.01275	0.00681	0.00492	0.00459	5.43E-05	0.00E+00	4.18E-07	3.95E-07	5.51E-05	2.56E-05	2.15E-04	3.14E-05	1.45E-05	2.86E-04	2.44E-05	0.00E+00	4.18E-07	3.95E-07	2.52E-05
4003	475363.09, 3854377.25	0.0115	0.00612	0.00482	0.00472	4.90E-05	0.00E+00	4.10E-07	4.06E-07	4.98E-05	2.31E-05	1.93E-04	3.07E-05	1.49E-05	2.62E-04	2.20E-05	0.00E+00	4.10E-07	4.06E-07	2.28E-05
4004	475863.09, 3854377.25	0.00814	0.00499	0.00437	0.00466	3.47E-05	0.00E+00	3.72E-07	4.01E-07	3.54E-05	1.63E-05	1.57E-04	2.79E-05	1.47E-05	2.16E-04	1.55E-05	0.00E+00	3.72E-07	4.01E-07	1.63E-05
4005	476363.09, 3854377.25	0.00739	0.00481	0.00438	0.00481	3.15E-05	0.00E+00	3.73E-07	4.14E-07	3.23E-05	1.48E-05	1.52E-04	2.79E-05	1.52E-05	2.09E-04	1.41E-05	0.00E+00	3.73E-07	4.14E-07	1.49E-05
4006	476863.09, 3854377.25	0.00721	0.00482	0.00438	0.00498	3.07E-05	0.00E+00	3.73E-07	4.29E-07	3.15E-05	1.45E-05	1.52E-04	2.79E-05	1.57E-05	2.10E-04	1.38E-05	0.00E+00	3.73E-07	4.29E-07	1.46E-05
4007	477363.09, 3854377.25	0.00723	0.00489	0.00438	0.00515	3.08E-05	0.00E+00	3.73E-07	4.43E-07	3.16E-05	1.45E-05	1.54E-04	2.79E-05	1.63E-05	2.13E-04	1.38E-05	0.00E+00	3.73E-07	4.43E-07	1.46E-05
4008	477863.09, 3854377.25	0.00747	0.00501	0.00432	0.00535	3.18E-05	0.00E+00	3.67E-07	4.61E-07	3.26E-05	1.50E-05	1.58E-04	2.76E-05	1.69E-05	2.17E-04	1.43E-05	0.00E+00	3.67E-07	4.61E-07	1.51E-05

4009	478363.09, 3854377.25	0.00887	0.00553	0.00429	0.0056	3.78E-05	0.00E+00	3.65E-07	4.82E-07	3.86E-05	1.78E-05	1.74E-04	2.74E-05	1.77E-05	2.37E-04	1.69E-05	0.00E+00	3.65E-07	4.82E-07	1.78E-05
4010	478863.09, 3854377.25	0.00984	0.00594	0.00424	0.00586	4.19E-05	0.00E+00	3.61E-07	5.05E-07	4.28E-05	1.98E-05	1.87E-04	2.70E-05	1.85E-05	2.52E-04	1.88E-05	0.00E+00	3.61E-07	5.05E-07	1.97E-05
4011	479363.09, 3854377.25	0.01541	0.00785	0.00456	0.00627	6.56E-05	0.00E+00	3.88E-07	5.40E-07	6.66E-05	3.10E-05	2.47E-04	2.91E-05	1.98E-05	3.27E-04	2.94E-05	0.00E+00	3.88E-07	5.40E-07	3.04E-05
4012	479863.09, 3854377.25	0.02051	0.00944	0.00451	0.00669	8.73E-05	0.00E+00	3.84E-07	5.76E-07	8.83E-05	4.12E-05	2.97E-04	2.88E-05	2.11E-05	3.88E-04	3.92E-05	0.00E+00	3.84E-07	5.76E-07	4.01E-05
4013	480363.09, 3854377.25	0.0287	0.01198	0.00429	0.00725	1.22E-04	0.00E+00	3.65E-07	6.24E-07	1.23E-04	5.76E-05	3.77E-04	2.74E-05	2.29E-05	4.85E-04	5.48E-05	0.00E+00	3.65E-07	6.24E-07	5.58E-05
4014	480863.09, 3854377.25	0.04255	0.01649	0.00387	0.00797	1.81E-04	0.00E+00	3.29E-07	6.86E-07	1.82E-04	8.55E-05	5.19E-04	2.47E-05	2.52E-05	6.55E-04	8.13E-05	0.00E+00	3.29E-07	6.86E-07	8.23E-05
4015	481363.09, 3854377.25	0.05423	0.02271	0.00358	0.00896	2.31E-04	0.00E+00	3.04E-07	7.72E-07	2.32E-04	1.09E-04	7.15E-04	2.28E-05	2.83E-05	8.75E-04	1.04E-04	0.00E+00	3.04E-07	7.72E-07	1.05E-04
4016	481863.09, 3854377.25	0.06172	0.04823	0.00378	0.01069	2.63E-04	0.00E+00	3.21E-07	9.21E-07	2.64E-04	1.24E-04	1.52E-03	2.41E-05	3.38E-05	1.70E-03	1.18E-04	0.00E+00	3.21E-07	9.21E-07	1.19E-04
4017	482363.09, 3854377.25	0.07127	0.0554	0.00389	0.0135	3.04E-04	0.00E+00	3.31E-07	1.16E-06	3.05E-04	1.43E-04	1.75E-03	2.48E-05	4.26E-05	1.96E-03	1.36E-04	0.00E+00	3.31E-07	1.16E-06	1.38E-04
4018	482863.09, 3854377.25	0.08893	0.04465	0.00393	0.0177	3.79E-04	0.00E+00	3.34E-07	1.52E-06	3.81E-04	1.79E-04	1.41E-03	2.51E-05	5.59E-05	1.67E-03	1.70E-04	0.00E+00	3.34E-07	1.52E-06	1.72E-04
4019	483363.09, 3854377.25	0.10797	0.03413	0.00405	0.01823	4.60E-04	0.00E+00	3.44E-07	1.57E-06	4.62E-04	2.17E-04	1.08E-03	2.58E-05	5.76E-05	1.38E-03	2.06E-04	0.00E+00	3.44E-07	1.57E-06	2.08E-04
4020	483863.09, 3854377.25	0.12982	0.02564	0.00413	0.02504	5.53E-04	0.00E+00	3.51E-07	2.16E-06	5.55E-04	2.61E-04	8.08E-04	2.63E-05	7.91E-05	1.17E-03	2.48E-04	0.00E+00	3.51E-07	2.16E-06	2.50E-04
4021	484363.09, 3854377.25	0.09171	0.02199	0.00436	0.02641	3.91E-04	0.00E+00	3.71E-07	2.27E-06	3.93E-04	1.84E-04	6.93E-04	2.78E-05	8.34E-05	9.88E-04	1.75E-04	0.00E+00	3.71E-07	2.27E-06	1.78E-04
4022	484863.09, 3854377.25	0.04834	0.01979	0.0064	0.02307	2.06E-04	0.00E+00	5.44E-07	1.99E-06	2.08E-04	9.71E-05	6.23E-04	4.08E-05	7.28E-05	8.34E-04	9.23E-05	0.00E+00	5.44E-07	1.99E-06	9.49E-05
4023	485363.09, 3854377.25	0.05768	0.02435	0.0063	0.02171	2.46E-04	0.00E+00	5.36E-07	1.87E-06	2.48E-04	1.16E-04	7.67E-04	4.02E-05	6.85E-05	9.92E-04	1.10E-04	0.00E+00	5.36E-07	1.87E-06	1.13E-04
4024	485863.09, 3854377.25	0.0505	0.0227	0.00803	0.02154	2.15E-04	0.00E+00	6.83E-07	1.85E-06	2.18E-04	1.01E-04	7.15E-04	5.12E-05	6.80E-05	9.36E-04	9.65E-05	0.00E+00	6.83E-07	1.85E-06	9.90E-05
4025	486363.09, 3854377.25	0.06972	0.02482	0.00753	0.02123	2.97E-04	0.00E+00	6.40E-07	1.83E-06	2.99E-04	1.40E-04	7.82E-04	4.80E-05	6.70E-05	1.04E-03	1.33E-04	0.00E+00	6.40E-07	1.83E-06	1.36E-04
4026	486863.09, 3854377.25	0.08001	0.02489	0.00967	0.02197	3.41E-04	0.00E+00	8.22E-07	1.89E-06	3.43E-04	1.61E-04	7.84E-04	6.17E-05	6.94E-05	1.08E-03	1.53E-04	0.00E+00	8.22E-07	1.89E-06	1.56E-04
4027	487363.09, 3854377.25	0.09765	0.02672	0.01186	0.02235	4.16E-04	0.00E+00	1.01E-06	1.92E-06	4.19E-04	1.96E-04	8.42E-04	7.56E-05	7.06E-05	1.18E-03	1.87E-04	0.00E+00	1.01E-06	1.92E-06	1.89E-04
4028	487863.09, 3854377.25	0.1187	0.02925	0.00679	0.0224	5.06E-04	0.00E+00	5.77E-07	1.93E-06	5.08E-04	2.38E-04	9.21E-04	4.33E-05	7.07E-05	1.27E-03	2.27E-04	0.00E+00	5.77E-07	1.93E-06	2.29E-04
4029	488363.09, 3854377.25	0.13214	0.03092	0.0067	0.02245	5.63E-04	0.00E+00	5.70E-07	1.93E-06	5.65E-04	2.65E-04	9.74E-04	4.27E-05	7.09E-05	1.35E-03	2.52E-04	0.00E+00	5.70E-07	1.93E-06	2.55E-04
4030	488863.09, 3854377.25	0.1411	0.03218	0.00786	0.0221	6.01E-04	0.00E+00	6.68E-07	1.90E-06	6.03E-04	2.83E-04	1.01E-03	5.01E-05	6.98E-05	1.42E-03	2.69E-04	0.00E+00	6.68E-07	1.90E-06	2.72E-04
4031	489363.09, 3854377.25	0.14415	0.033	0.01062	0.0215	6.14E-04	0.00E+00	9.03E-07	1.85E-06	6.17E-04	2.90E-04	1.04E-03	6.77E-05	6.79E-05	1.46E-03	2.75E-04	0.00E+00	9.03E-07	1.85E-06	2.78E-04
4032	489863.09, 3854377.25	0.14294	0.03343	0.0132	0.021	6.09E-04	0.00E+00	1.12E-06	1.81E-06	6.12E-04	2.87E-04	1.05E-03	8.42E-05	6.63E-05	1.49E-03	2.73E-04	0.00E+00	1.12E-06	1.81E-06	2.76E-04
4033	490363.09, 3854377.25	0.13879	0.03308	0.01017	0.02057	5.91E-04	0.00E+00	8.65E-07	1.77E-06	5.94E-04	2.79E-04	1.04E-03	6.49E-05	6.49E-05	1.45E-03	2.65E-04	0.00E+00	8.65E-07	1.77E-06	2.68E-04
4034	490863.09, 3854377.25	0.1151	0.02864	0.00947	0.01967	4.90E-04	0.00E+00	8.05E-07	1.69E-06	4.93E-04	2.31E-04	9.02E-04	6.04E-05	6.21E-05	1.26E-03	2.20E-04	0.00E+00	8.05E-07	1.69E-06	2.22E-04
4035	491363.09, 3854377.25	0.12474	0.03121	0.01547	0.01965	5.31E-04	0.00E+00	1.32E-06	1.69E-06	5.34E-04	2.51E-04	9.83E-04	9.87E-05	6.20E-05	1.39E-03	2.38E-04	0.00E+00	1.32E-06	1.69E-06	2.41E-04
4036	491863.09, 3854377.25	0.12928	0.03342	0.01973	0.01949	5.51E-04	0.00E+00	1.68E-06	1.68E-06	5.54E-04	2.60E-04	1.05E-03	1.26E-04	6.15E-05	1.50E-03	2.47E-04	0.00E+00	1.68E-06	1.68E-06	2.50E-04
4037	492363.09, 3854377.25	0.12757	0.0345	0.01995	0.01928	5.43E-04	0.00E+00	1.70E-06	1.66E-06	5.47E-04	2.56E-04	1.09E-03	1.27E-04	6.09E-05	1.53E-03	2.44E-04	0.00E+00	1.70E-06	1.66E-06	2.47E-04
4038	492863.09, 3854377.25	0.12135	0.03422	0.01809	0.01913	5.17E-04	0.00E+00	1.54E-06	1.65E-06	5.20E-04	2.44E-04	1.08E-03	1.15E-04	6.04E-05	1.50E-03	2.32E-04	0.00E+00	1.54E-06	1.65E-06	2.35E-04
4039	493363.09, 3854377.25	0.11296	0.03312	0.02032	0.01891	4.81E-04	0.00E+00	1.73E-06	1.63E-06	4.84E-04	2.27E-04	1.04E-03	1.30E-04	5.97E-05	1.46E-03	2.16E-04	0.00E+00	1.73E-06	1.63E-06	2.19E-04
4040	493863.09, 3854377.25	0.10448	0.03183	0.02469	0.01861	4.45E-04	0.00E+00	2.10E-06	1.60E-06	4.49E-04	2.10E-04	1.00E-03	1.57E-04	5.88E-05	1.43E-03	2.00E-04	0.00E+00	2.10E-06	1.60E-06	2.03E-04
4041	494363.09, 3854377.25	0.09659	0.03063	0.02642	0.01821	4.11E-04	0.00E+00	2.25E-06	1.57E-06	4.15E-04	1.94E-04	9.65E-04	1.69E-04	5.75E-05	1.38E-03	1.84E-04	0.00E+00	2.25E-06	1.57E-06	1.88E-04
4042	494863.09, 3854377.25	0.07817	0.02612	0.02448	0.01699	3.33E-04	0.00E+00	2.08E-06	1.46E-06	3.36E-04	1.57E-04	8.23E-04	1.56E-04	5.36E-05	1.19E-03	1.49E-04	0.00E+00	2.08E-06	1.46E-06	1.53E-04
4043	495363.09, 3854377.25	0.06115	0.02218	0.02339	0.016	2.60E-04	0.00E+00	1.99E-06	1.38E-06	2.64E-04	1.23E-04	6.99E-04	1.49E-04	5.05E-05	1.02E-03	1.17E-04	0.00E+00	1.99E-06	1.38E-06	1.20E-04
4044	495863.09, 3854377.25	0.05086	0.01989	0.02414	0.01539	2.17E-04	0.00E+00	2.05E-06	1.33E-06	2.20E-04	1.02E-04	6.27E-04	1.54E-04	4.86E-05	9.31E-04	9.71E-05	0.00E+00	2.05E-06	1.33E-06	1.01E-04
4045	496363.09, 3854377.25	0.04569	0.01894	0.02507	0.01504	1.95E-04	0.00E+00	2.13E-06	1.30E-06	1.98E-04	9.18E-05	5.97E-04	1.60E-04	4.75E-05	8.96E-04	8.73E-05	0.00E+00	2.13E-06	1.30E-06	9.07E-05
4046	496863.09, 3854377.25	0.03952	0.01752	0.0252	0.01465	1.68E-04	0.00E+00	2.14E-06	1.26E-06	1.72E-04	7.94E-05	5.52E-04	1.61E-04	4.63E-05	8.38E-04	7.55E-05	0.00E+00	2.14E-06	1.26E-06	7.89E-05
4047	497363.09, 3854377.25	0.03102	0.01507	0.0251	0.01405	1.32E-04	0.00E+00	2.13E-06	1.21E-06	1.35E-04	6.23E-05	4.75E-04	1.60E-04	4.44E-05	7.41E-04	5.92E-05	0.00E+00	2.13E-06	1.21E-06	6.26E-05
4048	497863.09, 3854377.25	0.03136	0.01557	0.02561	0.01405	1.34E-04	0.00E+00	2.18E-06	1.21E-06	1.37E-04	6.30E-05	4.90E-04	1.63E-04	4.44E-05	7.61E-04	5.99E-05	0.00E+00	2.18E-06	1.21E-06	6.33E-05
4049	498363.09, 3854377.25	0.02685	0.01417	0.02518	0.01354	1.14E-04	0.00E+00	2.14E-06	1.17E-06	1.18E-04	5.39E-05	4.46E-04	1.61E-04	4.28E-05	7.04E-04	5.13E-05	0.00E+00	2.14E-06	1.17E-06	5.46E-05
4050	471363.09, 3854877.25	0.00831	0.00544	0.00353	0.00351	3.54E-05	0.00E+00	3.00E-07	3.02E-07	3.60E-05	1.67E-05	1.71E-04	2.25E-05	1.11E-05	2.22E-04	1.59E-05	0.00E+00	3.00E-07	3.02E-07	1.65E-05
4051	471863.09, 3854877.25	0.00893	0.00581	0.00373	0.00365	3.80E-05	0.00E+00	3.17E-07	3.14E-07	3.87E-05	1.79E-05	1.83E-04	2.38E-05	1.15E-05	2.36E-04	1.71E-05	0.00E+00	3.17E-07	3.14E-07	1.77E-05
4052	472363.09, 3854877.25	0.00949	0.00613	0.00393	0.00379	4.04E-05	0.00E+00	3.34E-07	3.26E-07	4.11E-05	1.91E-05	1.93E-04	2.51E-05	1.20E-05	2.49E-04	1.81E-05	0.00E+00	3.34E-07	3.26E-07	1.88E-05
4053	472863.09, 3854877.25	0.00982	0.00626	0.0041	0.00391	4.18E-05	0.00E+00	3.49E-07	3.37E-07	4.25E-05	1.97E-05	1.97E-04	2.62E-05	1.23E-05	2.55E-04	1.88E-05	0.00E+00	3.49E-07	3.37E-07	1.94E-05
4054	473363.09, 3854877.25	0.01069	0.00678	0.00441	0.00409	4.55E-05	0.00E+00	3.75E-07	3.52E-07	4.63E-05	2.15E-05	2.14E-04	2.81E-05	1.29E-05	2.76E-04	2.04E-05	0.00E+00	3.75E-07	3.52E-07	2.11E-05
4055	473863.09, 3854877.25	0.01156	0.00725	0.00473	0.00428	4.92E-05	0.00E+00	4.02E-07	3.69E-07	5.00E-05	2.32E-05	2.28E-04	3.02E-05	1.35E-05	2.95E-04	2.21E-05	0.00E+00	4.02E-07	3.69E-07	2.28E-05
4056	474363.09, 3854877.25	0.01272	0.0079	0.00511	0.00451	5.42E-05	0.00E+00	4.35E-07	3.88E-07	5.50E-05	2.55E-05	2.49E-04	3.26E-05	1.42E-05	3.21E-04	2.43E-05	0.00E+00	4.35E-07	3.88E-07	2.51E-05
4057	474863.09, 3854877.25	0.01146	0.00673	0.00531	0.0046	4.88E-05	0.00E+00	4.52E-07	3.96E-07	4.97E-05	2.30E-05	2.12E-04	3.39E-05	1.45E-05	2.83E-04	2.19E-05	0.00E+00	4.52E-07	3.96E-07	2.27E-05
4058	475363.09, 3854877.25	0.00934	0.00573	0.00489	0.00457	3.98E-05	0.00E+00	4.16E-07	3.94E-07	4.06E-05	1.88E-05	1.80E-04	3.12E-05	1.44E-05	2.45E-04	1.78E-05	0.00E+00	4.16E-07	3.94E-07	1.86E-05
4059	475863.09, 3854877.25	0.00719	0.00494	0.00458	0.00468	3.06E-05	0.00E+00	3.90E-07	4.03E-07	3.14E-05	1.44E-05	1.56E-04	2.92E-05	1.48E-05	2.14E-04	1.37E-05	0.00E+00	3.90E-07	4.03E-07	1.45E-05
4060	476363.09, 3854877.25	0.00481	0.00396	0.00455	0.00481	2.05E-05	0.00E+00	3.87E-07	4.14E-07	2.13E-05	9.66E-06	1.25E-04	2.90E-05	1.52E-05	1.79E-04	9.19E-06	0.00E+00	3.87E-07	4.14E-07	9.99E-06
4061	476863.09, 3854877.25	0.00485	0.00401	0.00467	0.00501	2.07E-05	0.00E+00	3.97E-07	4.31E-07	2.15E-05	9.74E-06	1.26E-04	2.98E-05	1.58E-05	1.82E-04	9.26E-06	0.00E+00	3.97E-07	4.31E-07	1.01E-05
4062	477363.09, 3854877.25	0.00593	0.00459	0.0048	0.00533	2.53E-05	0.00E+00	4.08E-07	4.59E-07	2.61E-05	1.19E-05	1.45E-04	3.06E-05	1.68E-05	2.04E-04	1.13E-05	0.00E+00	4.08E-07	4.59E-07	1.22E-05
4063	477863.09, 3854877.25	0.007	0.00515	0.0049	0.00564	2.98E-05	0.00E+00	4.17E-07	4.86E-07	3.07E-05	1.41E-05	1.62E-04	3.13E-05	1.78E-05	2.25E-04	1.34E-05	0.00E+00	4.17E-07	4.86E-07	1.43E-05
4064	478363.09, 3854877.25	0.00947	0.00626	0.00505	0.00602	4.03E-05	0.00E+00	4.29E-07	5.18E-07	4.13E-05	1.90E-05	1.97E-04	3.22E-05	1.90E-05	2.67E-04	1.81E-05	0.00E+00	4.29E-07	5.18E-07	1.90E-05
4065	478863.09, 3854877.25	0.0135	0.00782	0.00533	0.00647	5.75E-05	0.00E+00	4.53E-07	5.57E-07	5.85E-05	2.71E-05	2.46E-04	3.40E-05	2.04E-05	3.28E-04	2.58E-05	0.00E+00	4.53E-07	5.57E-07	2.68E-05
4066	479363.09, 3854877.25	0.02	0.00988	0.00581	0.00703	8.52E-05	0.00E+00	4.94E-07	6.05E-07	8.63E-05	4.02E-05	3.11E-04	3.71E-05	2.22E-05	4.11E-04	3.82E-05	0.00E+00	4.94E-07	6.05E-07	3.93E-05
4067	479863.09, 3854877.25	0.02916	0.01261	0.00636	0.00781	1.24E-04	0.00E+00	5.41E-07	6.73E-07	1.25E-04	5.86E-05	3.97E-04	4.06E-05	2.47E-05	5.21E-04	5.57E-05	0.00E+00	5.41E-07	6.73E-07	5.69E-05

4068	480363.09, 3854877.25	0.03881	0.01583	0.00642	0.00868	1.65E-04	0.00E+00	5.46E-07	7.47E-07	1.67E-04	7.80E-05	4.99E-04	4.10E-05	2.74E-05	6.45E-04	7.41E-05	0.00E+00	5.46E-07	7.47E-07	7.54E-05
4069	480863.09, 3854877.25	0.05376	0.02229	0.00597	0.0095	2.29E-04	0.00E+00	5.08E-07	8.18E-07	2.30E-04	1.08E-04	7.02E-04	3.81E-05	3.00E-05	8.78E-04	1.03E-04	0.00E+00	5.08E-07	8.18E-07	1.04E-04
4070	481363.09, 3854877.25	0.06539	0.02847	0.00521	0.01055	2.78E-04	0.00E+00	4.43E-07	9.08E-07	2.80E-04	1.31E-04	8.97E-04	3.32E-05	3.33E-05	1.09E-03	1.25E-04	0.00E+00	4.43E-07	9.08E-07	1.26E-04
4071	481863.09, 3854877.25	0.07261	0.03023	0.00449	0.01314	3.09E-04	0.00E+00	3.82E-07	1.13E-06	3.11E-04	1.46E-04	9.52E-04	2.86E-05	4.15E-05	1.17E-03	1.39E-04	0.00E+00	3.82E-07	1.13E-06	1.40E-04
4072	482363.09, 3854877.25	0.09174	0.09813	0.00441	0.02186	3.91E-04	0.00E+00	3.75E-07	1.88E-06	3.93E-04	1.84E-04	3.09E-03	2.81E-05	6.90E-05	3.37E-03	1.75E-04	0.00E+00	3.75E-07	1.88E-06	1.77E-04
4073	482863.09, 3854877.25	0.1176	0.13328	0.00429	0.06212	5.01E-04	0.00E+00	3.65E-07	5.35E-06	5.07E-04	2.36E-04	4.20E-03	2.74E-05	1.96E-04	4.66E-03	2.25E-04	0.00E+00	3.65E-07	5.35E-06	2.30E-04
4074	483363.09, 3854877.25	0.15767	0.11906	0.0044	0.18817	6.71E-04	0.00E+00	3.74E-07	1.62E-05	6.88E-04	3.17E-04	3.75E-03	2.81E-05	5.94E-04	4.69E-03	3.01E-04	0.00E+00	3.74E-07	1.62E-05	3.18E-04
4075	483863.09, 3854877.25	0.23672	0.09569	0.00453	0.09086	1.01E-03	0.00E+00	3.85E-07	7.82E-06	1.02E-03	4.75E-04	3.01E-03	2.89E-05	2.87E-04	3.81E-03	4.52E-04	0.00E+00	3.85E-07	7.82E-06	4.60E-04
4076	484363.09, 3854877.25	0.28804	0.0701	0.0047	0.0463	1.23E-03	0.00E+00	4.00E-07	3.99E-06	1.23E-03	5.79E-04	2.21E-03	3.00E-05	1.46E-04	2.96E-03	5.50E-04	0.00E+00	4.00E-07	3.99E-06	5.55E-04
4077	484863.09, 3854877.25	0.24023	0.06079	0.00498	0.03284	1.02E-03	0.00E+00	4.24E-07	2.83E-06	1.03E-03	4.83E-04	1.91E-03	3.18E-05	1.04E-04	2.53E-03	4.59E-04	0.00E+00	4.24E-07	2.83E-06	4.62E-04
4078	485363.09, 3854877.25	0.28596	0.05502	0.00717	0.03122	1.22E-03	0.00E+00	6.10E-07	2.69E-06	1.22E-03	5.74E-04	1.73E-03	4.57E-05	9.86E-05	2.45E-03	5.46E-04	0.00E+00	6.10E-07	2.69E-06	5.49E-04
4079	485863.09, 3854877.25	0.29164	0.05014	0.00714	0.03076	1.24E-03	0.00E+00	6.07E-07	2.65E-06	1.25E-03	5.86E-04	1.58E-03	4.55E-05	9.71E-05	2.31E-03	5.57E-04	0.00E+00	6.07E-07	2.65E-06	5.60E-04
4080	486363.09, 3854877.25	0.27179	0.04662	0.01051	0.03173	1.16E-03	0.00E+00	8.94E-07	2.73E-06	1.16E-03	5.46E-04	1.47E-03	6.70E-05	1.00E-04	2.18E-03	5.19E-04	0.00E+00	8.94E-07	2.73E-06	5.23E-04
4081	486863.09, 3854877.25	0.25482	0.04476	0.00948	0.0314	1.09E-03	0.00E+00	8.06E-07	2.70E-06	1.09E-03	5.12E-04	1.41E-03	6.05E-05	9.91E-05	2.08E-03	4.87E-04	0.00E+00	8.06E-07	2.70E-06	4.90E-04
4082	487363.09, 3854877.25	0.26504	0.04647	0.01444	0.03045	1.13E-03	0.00E+00	1.23E-06	2.62E-06	1.13E-03	5.32E-04	1.46E-03	9.21E-05	9.61E-05	2.18E-03	5.06E-04	0.00E+00	1.23E-06	2.62E-06	5.10E-04
4083	487863.09, 3854877.25	0.2695	0.04788	0.00842	0.02885	1.15E-03	0.00E+00	7.16E-07	2.48E-06	1.15E-03	5.41E-04	1.51E-03	5.37E-05	9.11E-05	2.19E-03	5.15E-04	0.00E+00	7.16E-07	2.48E-06	5.18E-04
4084	488363.09, 3854877.25	0.27013	0.04924	0.00787	0.02761	1.15E-03	0.00E+00	6.69E-07	2.38E-06	1.15E-03	5.43E-04	1.55E-03	5.02E-05	8.72E-05	2.23E-03	5.16E-04	0.00E+00	6.69E-07	2.38E-06	5.19E-04
4085	488863.09, 3854877.25	0.26816	0.05082	0.00946	0.02674	1.14E-03	0.00E+00	8.05E-07	2.30E-06	1.15E-03	5.39E-04	1.60E-03	6.03E-05	8.44E-05	2.28E-03	5.12E-04	0.00E+00	8.05E-07	2.30E-06	5.15E-04
4086	489363.09, 3854877.25	0.25475	0.05101	0.01275	0.02581	1.08E-03	0.00E+00	1.08E-06	2.22E-06	1.09E-03	5.12E-04	1.61E-03	8.13E-05	8.15E-05	2.28E-03	4.87E-04	0.00E+00	1.08E-06	2.22E-06	4.90E-04
4087	489863.09, 3854877.25	0.23114	0.04817	0.01494	0.02473	9.84E-04	0.00E+00	1.27E-06	2.13E-06	9.88E-04	4.64E-04	1.52E-03	9.53E-05	7.81E-05	2.15E-03	4.41E-04	0.00E+00	1.27E-06	2.13E-06	4.45E-04
4088	490363.09, 3854877.25	0.17321	0.03827	0.01026	0.02304	7.38E-04	0.00E+00	8.73E-07	1.98E-06	7.40E-04	3.48E-04	1.21E-03	6.54E-05	7.27E-05	1.69E-03	3.31E-04	0.00E+00	8.73E-07	1.98E-06	3.34E-04
4089	490863.09, 3854877.25	0.12143	0.03015	0.01366	0.02048	5.17E-04	0.00E+00	1.16E-06	1.76E-06	5.20E-04	2.44E-04	9.50E-04	8.71E-05	6.47E-05	1.35E-03	2.32E-04	0.00E+00	1.16E-06	1.76E-06	2.35E-04
4090	491363.09, 3854877.25	0.12845	0.03208	0.01908	0.02046	5.47E-04	0.00E+00	1.62E-06	1.76E-06	5.50E-04	2.58E-04	1.01E-03	1.22E-04	6.46E-05	1.45E-03	2.45E-04	0.00E+00	1.62E-06	1.76E-06	2.49E-04
4091	491863.09, 3854877.25	0.17682	0.04488	0.02321	0.0221	7.53E-04	0.00E+00	1.97E-06	1.90E-06	7.57E-04	3.55E-04	1.41E-03	1.48E-04	6.98E-05	1.99E-03	3.38E-04	0.00E+00	1.97E-06	1.90E-06	3.42E-04
4092	492363.09, 3854877.25	0.16856	0.04582	0.02209	0.02184	7.18E-04	0.00E+00	1.88E-06	1.88E-06	7.22E-04	3.39E-04	1.44E-03	1.41E-04	6.90E-05	1.99E-03	3.22E-04	0.00E+00	1.88E-06	1.88E-06	3.26E-04
4093	492863.09, 3854877.25	0.15461	0.04411	0.02818	0.02159	6.58E-04	0.00E+00	2.40E-06	1.86E-06	6.63E-04	3.11E-04	1.39E-03	1.80E-04	6.82E-05	1.95E-03	2.95E-04	0.00E+00	2.40E-06	1.86E-06	3.00E-04
4094	493363.09, 3854877.25	0.13968	0.04145	0.03327	0.02115	5.95E-04	0.00E+00	2.83E-06	1.82E-06	5.99E-04	2.81E-04	1.31E-03	2.12E-04	6.68E-05	1.87E-03	2.67E-04	0.00E+00	2.83E-06	1.82E-06	2.71E-04
4095	493863.09, 3854877.25	0.12725	0.03947	0.03442	0.02055	5.42E-04	0.00E+00	2.93E-06	1.77E-06	5.47E-04	2.56E-04	1.24E-03	2.20E-04	6.49E-05	1.78E-03	2.43E-04	0.00E+00	2.93E-06	1.77E-06	2.48E-04
4096	494363.09, 3854877.25	0.09736	0.03166	0.03298	0.01874	4.15E-04	0.00E+00	2.80E-06	1.61E-06	4.19E-04	1.96E-04	9.97E-04	2.10E-04	5.92E-05	1.46E-03	1.86E-04	0.00E+00	2.80E-06	1.61E-06	1.90E-04
4097	494863.09, 3854877.25	0.06977	0.02526	0.02924	0.01701	2.97E-04	0.00E+00	2.49E-06	1.46E-06	3.01E-04	1.40E-04	7.96E-04	1.87E-04	5.37E-05	1.18E-03	1.33E-04	0.00E+00	2.49E-06	1.46E-06	1.37E-04
4098	495363.09, 3854877.25	0.05451	0.02179	0.02923	0.01616	2.32E-04	0.00E+00	2.49E-06	1.39E-06	2.36E-04	1.09E-04	6.86E-04	1.86E-04	5.10E-05	1.03E-03	1.04E-04	0.00E+00	2.49E-06	1.39E-06	1.08E-04
4099	495863.09, 3854877.25	0.04621	0.01994	0.02928	0.01567	1.97E-04	0.00E+00	2.49E-06	1.35E-06	2.01E-04	9.28E-05	6.28E-04	1.87E-04	4.95E-05	9.57E-04	8.83E-05	0.00E+00	2.49E-06	1.35E-06	9.21E-05
4100	496363.09, 3854877.25	0.03665	0.01734	0.02916	0.01503	1.56E-04	0.00E+00	2.48E-06	1.29E-06	1.60E-04	7.36E-05	5.46E-04	1.86E-04	4.75E-05	8.53E-04	7.00E-05	0.00E+00	2.48E-06	1.29E-06	7.38E-05
4101	496863.09, 3854877.25	0.03111	0.01573	0.02846	0.01449	1.32E-04	0.00E+00	2.42E-06	1.25E-06	1.36E-04	6.25E-05	4.95E-04	1.82E-04	4.58E-05	7.85E-04	5.94E-05	0.00E+00	2.42E-06	1.25E-06	6.31E-05
4102	497363.09, 3854877.25	0.02898	0.01531	0.02816	0.01423	1.23E-04	0.00E+00	2.39E-06	1.23E-06	1.27E-04	5.82E-05	4.82E-04	1.80E-04	4.49E-05	7.65E-04	5.54E-05	0.00E+00	2.39E-06	1.23E-06	5.90E-05
4103	497863.09, 3854877.25	0.03087	0.01646	0.02932	0.01439	1.31E-04	0.00E+00	2.49E-06	1.24E-06	1.35E-04	6.20E-05	5.18E-04	1.87E-04	4.54E-05	8.13E-04	5.90E-05	0.00E+00	2.49E-06	1.24E-06	6.27E-05
4104	498363.09, 3854877.25	0.0295	0.01624	0.0293	0.01419	1.26E-04	0.00E+00	2.49E-06	1.22E-06	1.29E-04	5.93E-05	5.12E-04	1.87E-04	4.48E-05	8.03E-04	5.63E-05	0.00E+00	2.49E-06	1.22E-06	6.01E-05
4105	471363.09, 3855377.25	0.00855	0.00571	0.00355	0.00351	3.64E-05	0.00E+00	3.02E-07	3.02E-07	3.70E-05	1.72E-05	1.80E-04	2.26E-05	1.11E-05	2.31E-04	1.63E-05	0.00E+00	3.02E-07	3.02E-07	1.69E-05
4106	471863.09, 3855377.25	0.00898	0.00592	0.00367	0.00363	3.82E-05	0.00E+00	3.12E-07	3.13E-07	3.89E-05	1.80E-05	1.86E-04	2.34E-05	1.15E-05	2.39E-04	1.72E-05	0.00E+00	3.12E-07	3.13E-07	1.78E-05
4107	472363.09, 3855377.25	0.00969	0.00635	0.00388	0.00378	4.13E-05	0.00E+00	3.30E-07	3.25E-07	4.19E-05	1.95E-05	2.00E-04	2.47E-05	1.19E-05	2.56E-04	1.85E-05	0.00E+00	3.30E-07	3.25E-07	1.92E-05
4108	472863.09, 3855377.25	0.01017	0.00655	0.004	0.00392	4.33E-05	0.00E+00	3.40E-07	3.38E-07	4.40E-05	2.04E-05	2.06E-04	2.55E-05	1.24E-05	2.65E-04	1.94E-05	0.00E+00	3.40E-07	3.38E-07	2.01E-05
4109	473363.09, 3855377.25	0.01116	0.00718	0.00424	0.00411	4.75E-05	0.00E+00	3.61E-07	3.54E-07	4.82E-05	2.24E-05	2.26E-04	2.70E-05	1.30E-05	2.89E-04	2.13E-05	0.00E+00	3.61E-07	3.54E-07	2.20E-05
4110	473863.09, 3855377.25	0.01207	0.0077	0.00445	0.0043	5.14E-05	0.00E+00	3.78E-07	3.70E-07	5.22E-05	2.42E-05	2.43E-04	2.84E-05	1.36E-05	3.09E-04	2.31E-05	0.00E+00	3.78E-07	3.70E-07	2.38E-05
4111	474363.09, 3855377.25	0.01299	0.00815	0.00521	0.00468	5.53E-05	0.00E+00	4.43E-07	4.03E-07	5.62E-05	2.61E-05	2.57E-04	3.32E-05	1.48E-05	3.31E-04	2.48E-05	0.00E+00	4.43E-07	4.03E-07	2.57E-05
4112	474863.09, 3855377.25	0.01179	0.00707	0.00492	0.00461	5.02E-05	0.00E+00	4.18E-07	3.97E-07	5.10E-05	2.37E-05	2.23E-04	3.14E-05	1.46E-05	2.92E-04	2.25E-05	0.00E+00	4.18E-07	3.97E-07	2.33E-05
4113	475363.09, 3855377.25	0.00607	0.00461	0.00418	0.00441	2.59E-05	0.00E+00	3.55E-07	3.80E-07	2.66E-05	1.22E-05	1.45E-04	2.67E-05	1.39E-05	1.98E-04	1.16E-05	0.00E+00	3.55E-07	3.80E-07	1.23E-05
4114	475863.09, 3855377.25	0.00464	0.00403	0.00423	0.00454	1.98E-05	0.00E+00	3.60E-07	3.91E-07	2.05E-05	9.32E-06	1.27E-04	2.70E-05	1.43E-05	1.78E-04	8.86E-06	0.00E+00	3.60E-07	3.91E-07	9.61E-06
4115	476363.09, 3855377.25	0.00552	0.00453	0.00448	0.00478	2.35E-05	0.00E+00	3.81E-07	4.12E-07	2.43E-05	1.11E-05	1.43E-04	2.86E-05	1.51E-05	1.97E-04	1.05E-05	0.00E+00	3.81E-07	4.12E-07	1.13E-05
4116	476863.09, 3855377.25	0.00551	0.00458	0.00472	0.00501	2.35E-05	0.00E+00	4.01E-07	4.31E-07	2.43E-05	1.11E-05	1.44E-04	3.01E-05	1.58E-05	2.01E-04	1.05E-05	0.00E+00	4.01E-07	4.31E-07	1.14E-05
4117	477363.09, 3855377.25	0.00621	0.00498	0.00496	0.0053	2.64E-05	0.00E+00	4.22E-07	4.56E-07	2.73E-05	1.25E-05	1.57E-04	3.16E-05	1.67E-05	2.18E-04	1.19E-05	0.00E+00	4.22E-07	4.56E-07	1.27E-05
4118	477863.09, 3855377.25	0.00816	0.00589	0.00533	0.00568	3.48E-05	0.00E+00	4.53E-07	4.89E-07	3.57E-05	1.64E-05	1.86E-04	3.40E-05	1.79E-05	2.54E-04	1.56E-05	0.00E+00	4.53E-07	4.89E-07	1.65E-05
4119	478363.09, 3855377.25	0.01073	0.00703	0.0056	0.0061	4.57E-05	0.00E+00	4.76E-07	5.25E-07	4.67E-05	2.16E-05	2.21E-04	3.57E-05	1.93E-05	2.98E-04	2.05E-05	0.00E+00	4.76E-07	5.25E-07	2.15E-05
4120	478863.09, 3855377.25	0.01387	0.00837	0.0059	0.00664	5.91E-05	0.00E+00	5.02E-07	5.72E-07	6.01E-05	2.79E-05	2.64E-04	3.76E-05	2.10E-05	3.50E-04	2.65E-05	0.00E+00	5.02E-07	5.72E-07	2.76E-05
4121	479363.09, 3855377.25	0.01939	0.01046	0.00627	0.00742	8.26E-05	0.00E+00	5.33E-07	6.39E-07	8.37E-05	3.89E-05	3.29E-04	4.00E-05	2.34E-05	4.32E-04	3.70E-05	0.00E+00	5.33E-07	6.39E-07	3.82E-05
4122	479863.09, 3855377.25	0.02586	0.01284	0.00659	0.00831	1.10E-04	0.00E+00	5.60E-07	7.16E-07	1.11E-04	5.19E-05	4.04E-04	4.20E-05	2.62E-05	5.25E-04	4.94E-05	0.00E+00	5.60E-07	7.16E-07	5.07E-05
4123	480363.09, 3855377.25	0.03946	0.01737	0.00709	0.00965	1.68E-04	0.00E+00	6.03E-07	8.31E-07	1.69E-04	7.93E-05	5.47E-04	4.52E-05	3.05E-05	7.02E-04	7.54E-05	0.00E+00	6.03E-07	8.31E-07	7.68E-05
4124	480863.09, 3855377.25	0.05679	0.02626	0.00741	0.01089	2.42E-04	0.00E+00	6.30E-07	9.38E-07	2.43E-04	1.14E-04	8.27E-04	4.73E-05	3.44E-05	1.02E-03	1.08E-04	0.00E+00	6.30E-07	9.38E-07	1.10E-04
4125	481363.09, 3855377.25	0.07312	0.04358	0.0073	0.01272	3.11E-04	0.00E+00	6.21E-07	1.10E-06	3.13E-04	1.47E-04	1.37E-03	4.66E-05	4.02E-05	1.61E-03	1.40E-04	0.00E+00	6.21E-07	1.10E-06	1.41E-04
4126	481863.09, 3855377.25	0.08829	0.07467	0.00694	0.01551	3.76E-04	0.00E+00	5.90E-07	1.34E-06	3.78E-04	1.77E-04	2.35E-03	4.43E-05	4.90E-05	2.62E-03	1.69E-04	0.00E+00	5.90E-07	1.34E-06	1.71E-04

4127	482363.09, 3855377.25	0.10397	0.15929	0.00644	0.01886	4.43E-04	0.00E+00	5.48E-07	1.62E-06	4.45E-04	2.09E-04	5.02E-03	4.11E-05	5.95E-05	5.33E-03	1.99E-04	0.00E+00	5.48E-07	1.62E-06	2.01E-04
4128	482863.09, 3855377.25	0.13406	0.69146	0.00561	0.02883	5.71E-04	0.00E+00	4.77E-07	2.48E-06	5.74E-04	2.69E-04	2.18E-02	3.58E-05	9.10E-05	2.22E-02	2.56E-04	0.00E+00	4.77E-07	2.48E-06	2.59E-04
4129	483363.09, 3855377.25	0.18269	0.93133	0.00511	0.03418	7.78E-04	0.00E+00	4.35E-07	2.94E-06	7.81E-04	3.67E-04	2.93E-02	3.26E-05	1.08E-04	2.98E-02	3.49E-04	0.00E+00	4.35E-07	2.94E-06	3.52E-04
4130	483863.09, 3855377.25	0.30469	0.40499	0.00507	0.03901	1.30E-03	0.00E+00	4.31E-07	3.36E-06	1.30E-03	6.12E-04	1.28E-02	3.23E-05	1.23E-04	1.35E-02	5.82E-04	0.00E+00	4.31E-07	3.36E-06	5.86E-04
4131	484363.09, 3855377.25	0.88429	0.19634	0.00519	0.03791	3.77E-03	0.00E+00	4.41E-07	3.26E-06	3.77E-03	1.78E-03	6.18E-03	3.31E-05	1.20E-04	8.11E-03	1.69E-03	0.00E+00	4.41E-07	3.26E-06	1.69E-03
4132	484863.09, 3855377.25	8.73912	0.1517	0.00547	0.04431	3.72E-02	0.00E+00	4.65E-07	3.82E-06	3.72E-02	1.76E-02	4.78E-03	3.49E-05	1.40E-04	2.25E-02	1.67E-02	0.00E+00	4.65E-07	3.82E-06	1.67E-02
4133	485363.09, 3855377.25	3.19507	0.11857	0.00578	0.05013	1.36E-02	0.00E+00	4.92E-07	4.32E-06	1.36E-02	6.42E-03	3.73E-03	3.69E-05	1.58E-04	1.03E-02	6.10E-03	0.00E+00	4.92E-07	4.32E-06	6.11E-03
4134	485863.09, 3855377.25	1.52323	0.10215	0.00759	0.05054	6.49E-03	0.00E+00	6.46E-07	4.35E-06	6.49E-03	3.06E-03	3.22E-03	4.84E-05	1.60E-04	6.49E-03	2.91E-03	0.00E+00	6.46E-07	4.35E-06	2.91E-03
4135	486363.09, 3855377.25	0.9223	0.08674	0.00908	0.04747	3.93E-03	0.00E+00	7.72E-07	4.09E-06	3.93E-03	1.85E-03	2.73E-03	5.79E-05	1.50E-04	4.79E-03	1.76E-03	0.00E+00	7.72E-07	4.09E-06	1.77E-03
4136	486863.09, 3855377.25	0.65542	0.07686	0.01044	0.04421	2.79E-03	0.00E+00	8.88E-07	3.81E-06	2.80E-03	1.32E-03	2.42E-03	6.66E-05	1.40E-04	3.94E-03	1.25E-03	0.00E+00	8.88E-07	3.81E-06	1.26E-03
4137	487363.09, 3855377.25	0.58906	0.07743	0.01598	0.04092	2.51E-03	0.00E+00	1.36E-06	3.52E-06	2.51E-03	1.18E-03	2.44E-03	1.02E-04	1.29E-04	3.85E-03	1.13E-03	0.00E+00	1.36E-06	3.52E-06	1.13E-03
4138	487863.09, 3855377.25	0.53118	0.07733	0.01057	0.03717	2.26E-03	0.00E+00	8.99E-07	3.20E-06	2.27E-03	1.07E-03	2.44E-03	6.74E-05	1.17E-04	3.69E-03	1.01E-03	0.00E+00	8.99E-07	3.20E-06	1.02E-03
4139	488363.09, 3855377.25	0.48108	0.07729	0.00945	0.034	2.05E-03	0.00E+00	8.04E-07	2.93E-06	2.05E-03	9.66E-04	2.43E-03	6.03E-05	1.07E-04	3.57E-03	9.19E-04	0.00E+00	8.04E-07	2.93E-06	9.23E-04
4140	488863.09, 3855377.25	0.43402	0.07656	0.0122	0.03163	1.85E-03	0.00E+00	1.04E-06	2.72E-06	1.85E-03	8.72E-04	2.41E-03	7.78E-05	9.99E-05	3.46E-03	8.29E-04	0.00E+00	1.04E-06	2.72E-06	8.33E-04
4141	489363.09, 3855377.25	0.38939	0.07451	0.01488	0.02976	1.66E-03	0.00E+00	1.27E-06	2.56E-06	1.66E-03	7.82E-04	2.35E-03	9.49E-05	9.40E-05	3.32E-03	7.44E-04	0.00E+00	1.27E-06	2.56E-06	7.48E-04
4142	489863.09, 3855377.25	0.34301	0.0696	0.01263	0.02844	1.46E-03	0.00E+00	1.07E-06	2.45E-06	1.46E-03	6.89E-04	2.19E-03	8.06E-05	8.98E-05	3.05E-03	6.55E-04	0.00E+00	1.07E-06	2.45E-06	6.59E-04
4143	490363.09, 3855377.25	0.31267	0.06888	0.01982	0.02827	1.33E-03	0.00E+00	1.69E-06	2.43E-06	1.34E-03	6.28E-04	2.17E-03	1.26E-04	8.93E-05	3.01E-03	5.97E-04	0.00E+00	1.69E-06	2.43E-06	6.01E-04
4144	490863.09, 3855377.25	0.2031	0.04567	0.02662	0.02439	8.65E-04	0.00E+00	2.26E-06	2.10E-06	8.69E-04	4.08E-04	1.44E-03	1.70E-04	7.70E-05	2.09E-03	3.88E-04	0.00E+00	2.26E-06	2.10E-06	3.92E-04
4145	491363.09, 3855377.25	0.16496	0.04071	0.02301	0.0221	7.03E-04	0.00E+00	1.96E-06	1.90E-06	7.06E-04	3.31E-04	1.28E-03	1.47E-04	6.98E-05	1.83E-03	3.15E-04	0.00E+00	1.96E-06	1.90E-06	3.19E-04
4146	491863.09, 3855377.25	0.22082	0.05818	0.02953	0.024	9.40E-04	0.00E+00	2.51E-06	2.07E-06	9.45E-04	4.44E-04	1.83E-03	1.88E-04	7.58E-05	2.54E-03	4.22E-04	0.00E+00	2.51E-06	2.07E-06	4.26E-04
4147	492363.09, 3855377.25	0.20322	0.05804	0.03777	0.02382	8.65E-04	0.00E+00	3.21E-06	2.05E-06	8.71E-04	4.08E-04	1.83E-03	2.41E-04	7.52E-05	2.55E-03	3.88E-04	0.00E+00	3.21E-06	2.05E-06	3.93E-04
4148	492863.09, 3855377.25	0.18208	0.05465	0.04213	0.02345	7.75E-04	0.00E+00	3.58E-06	2.02E-06	7.81E-04	3.66E-04	1.72E-03	2.69E-04	7.40E-05	2.43E-03	3.48E-04	0.00E+00	3.58E-06	2.02E-06	3.53E-04
4149	493363.09, 3855377.25	0.1562	0.04824	0.04516	0.02226	6.65E-04	0.00E+00	3.84E-06	1.92E-06	6.71E-04	3.14E-04	1.52E-03	2.88E-04	7.03E-05	2.19E-03	2.98E-04	0.00E+00	3.84E-06	1.92E-06	3.04E-04
4150	493863.09, 3855377.25	0.11936	0.03878	0.04491	0.0203	5.08E-04	0.00E+00	3.82E-06	1.75E-06	5.14E-04	2.40E-04	1.22E-03	2.86E-04	6.41E-05	1.81E-03	2.28E-04	0.00E+00	3.82E-06	1.75E-06	2.34E-04
4151	494363.09, 3855377.25	0.08568	0.03099	0.03796	0.01826	3.65E-04	0.00E+00	3.23E-06	1.57E-06	3.70E-04	1.72E-04	9.76E-04	2.42E-04	5.77E-05	1.45E-03	1.64E-04	0.00E+00	3.23E-06	1.57E-06	1.68E-04
4152	494863.09, 3855377.25	0.06098	0.02498	0.03586	0.01702	2.60E-04	0.00E+00	3.05E-06	1.47E-06	2.64E-04	1.22E-04	7.87E-04	2.29E-04	5.37E-05	1.19E-03	1.16E-04	0.00E+00	3.05E-06	1.47E-06	1.21E-04
4153	495363.09, 3855377.25	0.04617	0.02112	0.03489	0.0162	1.97E-04	0.00E+00	2.97E-06	1.39E-06	2.01E-04	9.27E-05	6.65E-04	2.23E-04	5.11E-05	1.03E-03	8.82E-05	0.00E+00	2.97E-06	1.39E-06	9.25E-05
4154	495863.09, 3855377.25	0.03698	0.01843	0.03381	0.01551	1.57E-04	0.00E+00	2.88E-06	1.34E-06	1.62E-04	7.43E-05	5.81E-04	2.16E-04	4.90E-05	9.19E-04	7.06E-05	0.00E+00	2.88E-06	1.34E-06	7.48E-05
4155	496363.09, 3855377.25	0.0343	0.01793	0.03351	0.01518	1.46E-04	0.00E+00	2.85E-06	1.31E-06	1.50E-04	6.89E-05	5.65E-04	2.14E-04	4.79E-05	8.95E-04	6.55E-05	0.00E+00	2.85E-06	1.31E-06	6.97E-05
4156	496863.09, 3855377.25	0.03206	0.01752	0.03306	0.01497	1.37E-04	0.00E+00	2.81E-06	1.29E-06	1.41E-04	6.44E-05	5.52E-04	2.11E-04	4.73E-05	8.74E-04	6.12E-05	0.00E+00	2.81E-06	1.29E-06	6.53E-05
4157	497363.09, 3855377.25	0.03145	0.01769	0.03347	0.01489	1.34E-04	0.00E+00	2.85E-06	1.28E-06	1.38E-04	6.32E-05	5.57E-04	2.13E-04	4.70E-05	8.81E-04	6.01E-05	0.00E+00	2.85E-06	1.28E-06	6.42E-05
4158	497863.09, 3855377.25	0.03192	0.01831	0.03391	0.01491	1.36E-04	0.00E+00	2.88E-06	1.28E-06	1.40E-04	6.41E-05	5.77E-04	2.16E-04	4.71E-05	9.04E-04	6.10E-05	0.00E+00	2.88E-06	1.28E-06	6.51E-05
4159	498363.09, 3855377.25	0.0331	0.01919	0.03433	0.01498	1.41E-04	0.00E+00	2.92E-06	1.29E-06	1.45E-04	6.65E-05	6.04E-04	2.19E-04	4.73E-05	9.37E-04	6.32E-05	0.00E+00	2.92E-06	1.29E-06	6.74E-05
4160	471363.09, 3855877.25	0.00846	0.00596	0.00341	0.00354	3.60E-05	0.00E+00	2.90E-07	3.05E-07	3.66E-05	1.70E-05	1.88E-04	2.18E-05	1.12E-05	2.38E-04	1.62E-05	0.00E+00	2.90E-07	3.05E-07	1.68E-05
4161	471863.09, 3855877.25	0.00888	0.00618	0.00358	0.00368	3.78E-05	0.00E+00	3.04E-07	3.17E-07	3.84E-05	1.78E-05	1.95E-04	2.28E-05	1.16E-05	2.47E-04	1.70E-05	0.00E+00	3.04E-07	3.17E-07	1.76E-05
4162	472363.09, 3855877.25	0.00968	0.00677	0.00388	0.00387	4.12E-05	0.00E+00	3.30E-07	3.33E-07	4.19E-05	1.94E-05	2.13E-04	2.47E-05	1.22E-05	2.70E-04	1.85E-05	0.00E+00	3.30E-07	3.33E-07	1.92E-05
4163	472863.09, 3855877.25	0.01003	0.00683	0.004	0.00399	4.27E-05	0.00E+00	3.40E-07	3.44E-07	4.34E-05	2.01E-05	2.15E-04	2.55E-05	1.26E-05	2.73E-04	1.92E-05	0.00E+00	3.40E-07	3.44E-07	1.98E-05
4164	473363.09, 3855877.25	0.0111	0.00766	0.00433	0.00421	4.73E-05	0.00E+00	3.68E-07	3.63E-07	4.80E-05	2.23E-05	2.41E-04	2.76E-05	1.33E-05	3.04E-04	2.12E-05	0.00E+00	3.68E-07	3.63E-07	2.19E-05
4165	473863.09, 3855877.25	0.01201	0.00827	0.00456	0.00441	5.11E-05	0.00E+00	3.88E-07	3.80E-07	5.19E-05	2.41E-05	2.61E-04	2.91E-05	1.39E-05	3.28E-04	2.29E-05	0.00E+00	3.88E-07	3.80E-07	2.37E-05
4166	474363.09, 3855877.25	0.01281	0.00859	0.00571	0.0048	5.46E-05	0.00E+00	4.86E-07	4.13E-07	5.55E-05	2.57E-05	2.71E-04	3.64E-05	1.52E-05	3.48E-04	2.45E-05	0.00E+00	4.86E-07	4.13E-07	2.54E-05
4167	474863.09, 3855877.25	0.01111	0.0069	0.00477	0.00462	4.73E-05	0.00E+00	4.06E-07	3.98E-07	4.81E-05	2.23E-05	2.17E-04	3.04E-05	1.46E-05	2.85E-04	2.12E-05	0.00E+00	4.06E-07	3.98E-07	2.20E-05
4168	475363.09, 3855877.25	0.00751	0.00521	0.00382	0.00445	3.20E-05	0.00E+00	3.25E-07	3.83E-07	3.27E-05	1.51E-05	1.64E-04	2.44E-05	1.41E-05	2.18E-04	1.43E-05	0.00E+00	3.25E-07	3.83E-07	1.51E-05
4169	475863.09, 3855877.25	0.00349	0.00341	0.00353	0.00434	1.49E-05	0.00E+00	3.00E-07	3.74E-07	1.55E-05	7.01E-06	1.07E-04	2.25E-05	1.37E-05	1.51E-04	6.67E-06	0.00E+00	3.00E-07	3.74E-07	7.34E-06
4170	476363.09, 3855877.25	0.00376	0.00365	0.00383	0.00457	1.60E-05	0.00E+00	3.26E-07	3.94E-07	1.67E-05	7.55E-06	1.15E-04	2.44E-05	1.44E-05	1.61E-04	7.18E-06	0.00E+00	3.26E-07	3.94E-07	7.90E-06
4171	476863.09, 3855877.25	0.00562	0.00477	0.00431	0.005	2.39E-05	0.00E+00	3.67E-07	4.31E-07	2.47E-05	1.13E-05	1.50E-04	2.75E-05	1.58E-05	2.05E-04	1.07E-05	0.00E+00	3.67E-07	4.31E-07	1.15E-05
4172	477363.09, 3855877.25	0.00695	0.00546	0.00478	0.0053	2.96E-05	0.00E+00	4.07E-07	4.56E-07	3.05E-05	1.40E-05	1.72E-04	3.05E-05	1.67E-05	2.33E-04	1.33E-05	0.00E+00	4.07E-07	4.56E-07	1.41E-05
4173	477863.09, 3855877.25	0.00854	0.00631	0.00513	0.00566	3.64E-05	0.00E+00	4.36E-07	4.87E-07	3.73E-05	1.72E-05	1.99E-04	3.27E-05	1.79E-05	2.67E-04	1.63E-05	0.00E+00	4.36E-07	4.87E-07	1.72E-05
4174	478363.09, 3855877.25	0.01122	0.00751	0.00561	0.00613	4.78E-05	0.00E+00	4.77E-07	5.28E-07	4.88E-05	2.25E-05	2.37E-04	3.58E-05	1.94E-05	3.14E-04	2.14E-05	0.00E+00	4.77E-07	5.28E-07	2.24E-05
4175	478863.09, 3855877.25	0.01494	0.00916	0.00629	0.00672	6.36E-05	0.00E+00	5.35E-07	5.79E-07	6.47E-05	3.00E-05	2.89E-04	4.01E-05	2.12E-05	3.80E-04	2.85E-05	0.00E+00	5.35E-07	5.79E-07	2.96E-05
4176	479363.09, 3855877.25	0.02102	0.01148	0.00722	0.00755	8.95E-05	0.00E+00	6.14E-07	6.50E-07	9.08E-05	4.22E-05	3.62E-04	4.61E-05	2.38E-05	4.74E-04	4.01E-05	0.00E+00	6.14E-07	6.50E-07	4.14E-05
4177	479863.09, 3855877.25	0.0285	0.01438	0.00813	0.00853	1.21E-04	0.00E+00	6.91E-07	7.35E-07	1.23E-04	5.72E-05	4.53E-04	5.19E-05	2.69E-05	5.89E-04	5.44E-05	0.00E+00	6.91E-07	7.35E-07	5.59E-05
4178	480363.09, 3855877.25	0.04022	0.01931	0.00857	0.00982	1.71E-04	0.00E+00	7.29E-07	8.46E-07	1.73E-04	8.08E-05	6.08E-04	5.47E-05	3.10E-05	7.75E-04	7.68E-05	0.00E+00	7.29E-07	8.46E-07	7.84E-05
4179	480863.09, 3855877.25	0.05587	0.02796	0.00829	0.01118	2.38E-04	0.00E+00	7.05E-07	9.63E-07	2.40E-04	1.12E-04	8.81E-04	5.29E-05	3.53E-05	1.08E-03	1.07E-04	0.00E+00	7.05E-07	9.63E-07	1.08E-04
4180	481363.09, 3855877.25	0.06567	0.03184	0.00835	0.01274	2.80E-04	0.00E+00	7.10E-07	1.10E-06	2.81E-04	1.32E-04	1.00E-03	5.33E-05	4.02E-05	1.23E-03	1.25E-04	0.00E+00	7.10E-07	1.10E-06	1.27E-04
4181	481863.09, 3855877.25	0.09006	0.07571	0.0084	0.0148	3.84E-04	0.00E+00	7.14E-07	1.27E-06	3.86E-04	1.81E-04	2.38E-03	5.36E-05	4.67E-05	2.67E-03	1.72E-04	0.00E+00	7.14E-07	1.27E-06	1.74E-04
4182	482363.09, 3855877.25	0.10574	0.17068	0.00877	0.02082	4.50E-04	0.00E+00	7.46E-07	1.79E-06	4.53E-04	2.12E-04	5.38E-03	5.59E-05	6.57E-05	5.71E-03	2.02E-04	0.00E+00	7.46E-07	1.79E-06	2.04E-04
4183	482863.09, 3855877.25	0.13906	0.31901	0.00853	0.03308	5.92E-04	0.00E+00	7.25E-07	2.85E-06	5.96E-04	2.79E-04	1.00E-02	5.44E-05	1.04E-04	1.05E-02	2.66E-04	0.00E+00	7.25E-07	2.85E-06	2.69E-04
4184	483363.09, 3855877.25	0.19149	1.26302	0.00767	0.05973	8.15E-04	0.00E+00	6.52E-07	5.14E-06	8.21E-04	3.85E-04	3.98E-02	4.89E-05	1.89E-04	4.04E-02	3.66E-04	0.00E+00	6.52E-07	5.14E-06	3.72E-04
4185	483863.09, 3855877.25	0.27606	0.90344	0.00661	0.07958	1.18E-03	0.00E+00	5.62E-07	6.85E-06	1.18E-03	5.54E-04	2.85E-02	4.22E-05	2.51E-04	2.93E-02	5.27E-04	0.00E+00	5.62E-07	6.85E-06	5.35E-04

4186	484363.09, 3855877.25	0.49074	0.47828	0.0061	0.15479	2.09E-03	0.00E+00	5.19E-07	1.33E-05	2.10E-03	9.86E-04	1.51E-02	3.89E-05	4.89E-04	1.66E-02	9.37E-04	0.00E+00	5.19E-07	1.33E-05	9.51E-04
4187	484863.09, 3855877.25	1.06744	0.31203	0.00614	0.14812	4.55E-03	0.00E+00	5.22E-07	1.28E-05	4.56E-03	2.14E-03	9.83E-03	3.92E-05	4.68E-04	1.25E-02	2.04E-03	0.00E+00	5.22E-07	1.28E-05	2.05E-03
4188	485363.09, 3855877.25	8.00507	0.24149	0.0066	0.11185	3.41E-02	0.00E+00	5.61E-07	9.63E-06	3.41E-02	1.61E-02	7.61E-03	4.21E-05	3.53E-04	2.41E-02	1.53E-02	0.00E+00	5.61E-07	9.63E-06	1.53E-02
4189	485863.09, 3855877.25	5.04414	0.18746	0.00706	0.08952	2.15E-02	0.00E+00	6.00E-07	7.71E-06	2.15E-02	1.01E-02	5.90E-03	4.50E-05	2.83E-04	1.64E-02	9.63E-03	0.00E+00	6.00E-07	7.71E-06	9.64E-03
4190	486363.09, 3855877.25	2.04772	0.14865	0.00916	0.07306	8.72E-03	0.00E+00	7.79E-07	6.29E-06	8.73E-03	4.11E-03	4.68E-03	5.84E-05	2.31E-04	9.08E-03	3.91E-03	0.00E+00	7.79E-07	6.29E-06	3.92E-03
4191	486863.09, 3855877.25	1.31949	0.12909	0.01219	0.05936	5.62E-03	0.00E+00	1.04E-06	5.11E-06	5.63E-03	2.65E-03	4.07E-03	7.78E-05	1.87E-04	6.98E-03	2.52E-03	0.00E+00	1.04E-06	5.11E-06	2.53E-03
4192	487363.09, 3855877.25	1.0582	0.12488	0.01575	0.04946	4.51E-03	0.00E+00	1.34E-06	4.26E-06	4.51E-03	2.13E-03	3.93E-03	1.00E-04	1.56E-04	6.32E-03	2.02E-03	0.00E+00	1.34E-06	4.26E-06	2.03E-03
4193	487863.09, 3855877.25	0.87434	0.12143	0.01352	0.04217	3.72E-03	0.00E+00	1.15E-06	3.63E-06	3.73E-03	1.76E-03	3.83E-03	8.62E-05	1.33E-04	5.80E-03	1.67E-03	0.00E+00	1.15E-06	3.63E-06	1.67E-03
4194	488363.09, 3855877.25	0.72711	0.11541	0.01187	0.0369	3.10E-03	0.00E+00	1.01E-06	3.18E-06	3.10E-03	1.46E-03	3.64E-03	7.57E-05	1.17E-04	5.29E-03	1.39E-03	0.00E+00	1.01E-06	3.18E-06	1.39E-03
4195	488863.09, 3855877.25	0.61616	0.11009	0.01544	0.03349	2.62E-03	0.00E+00	1.31E-06	2.88E-06	2.63E-03	1.24E-03	3.47E-03	9.85E-05	1.06E-04	4.91E-03	1.18E-03	0.00E+00	1.31E-06	2.88E-06	1.18E-03
4196	489363.09, 3855877.25	0.5235	0.10428	0.01604	0.03066	2.23E-03	0.00E+00	1.36E-06	2.64E-06	2.23E-03	1.05E-03	3.28E-03	1.02E-04	9.68E-05	4.54E-03	1.00E-03	0.00E+00	1.36E-06	2.64E-06	1.00E-03
4197	489863.09, 3855877.25	0.44782	0.09802	0.02075	0.02911	1.91E-03	0.00E+00	1.76E-06	2.51E-06	1.91E-03	8.99E-04	3.09E-03	1.32E-04	9.19E-05	4.21E-03	8.55E-04	0.00E+00	1.76E-06	2.51E-06	8.60E-04
4198	490363.09, 3855877.25	0.38695	0.09322	0.03049	0.02781	1.65E-03	0.00E+00	2.59E-06	2.39E-06	1.65E-03	7.77E-04	2.94E-03	1.94E-04	8.78E-05	4.00E-03	7.39E-04	0.00E+00	2.59E-06	2.39E-06	7.44E-04
4199	490863.09, 3855877.25	0.33314	0.08474	0.03307	0.02644	1.42E-03	0.00E+00	2.81E-06	2.28E-06	1.42E-03	6.69E-04	2.67E-03	2.11E-04	8.35E-05	3.63E-03	6.36E-04	0.00E+00	2.81E-06	2.28E-06	6.41E-04
4200	491363.09, 3855877.25	0.27531	0.07052	0.04477	0.02513	1.17E-03	0.00E+00	3.81E-06	2.16E-06	1.18E-03	5.53E-04	2.22E-03	2.86E-04	7.93E-05	3.14E-03	5.26E-04	0.00E+00	3.81E-06	2.16E-06	5.32E-04
4201	491863.09, 3855877.25	0.25677	0.07689	0.04879	0.025	1.09E-03	0.00E+00	4.15E-06	2.15E-06	1.10E-03	5.16E-04	2.42E-03	3.11E-04	7.89E-05	3.33E-03	4.90E-04	0.00E+00	4.15E-06	2.15E-06	4.97E-04
4202	492363.09, 3855877.25	0.2243	0.07007	0.0555	0.02468	9.55E-04	0.00E+00	4.72E-06	2.13E-06	9.62E-04	4.51E-04	2.21E-03	3.54E-04	7.79E-05	3.09E-03	4.28E-04	0.00E+00	4.72E-06	2.13E-06	4.35E-04
4203	492863.09, 3855877.25	0.19743	0.06495	0.06143	0.02387	8.41E-04	0.00E+00	5.22E-06	2.06E-06	8.48E-04	3.97E-04	2.05E-03	3.92E-04	7.54E-05	2.91E-03	3.77E-04	0.00E+00	5.22E-06	2.06E-06	3.84E-04
4204	493363.09, 3855877.25	0.15168	0.05069	0.05891	0.02174	6.46E-04	0.00E+00	5.01E-06	1.87E-06	6.53E-04	3.05E-04	1.60E-03	3.76E-04	6.86E-05	2.35E-03	2.90E-04	0.00E+00	5.01E-06	1.87E-06	2.97E-04
4205	493863.09, 3855877.25	0.1042	0.03873	0.04944	0.01952	4.44E-04	0.00E+00	4.20E-06	1.68E-06	4.50E-04	2.09E-04	1.22E-03	3.15E-04	6.16E-05	1.81E-03	1.99E-04	0.00E+00	4.20E-06	1.68E-06	2.05E-04
4206	494363.09, 3855877.25	0.07119	0.03026	0.04529	0.01802	3.03E-04	0.00E+00	3.85E-06	1.55E-06	3.09E-04	1.43E-04	9.53E-04	2.89E-04	5.69E-05	1.44E-03	1.36E-04	0.00E+00	3.85E-06	1.55E-06	1.41E-04
4207	494863.09, 3855877.25	0.05199	0.02503	0.04331	0.01707	2.21E-04	0.00E+00	3.68E-06	1.47E-06	2.27E-04	1.04E-04	7.88E-04	2.76E-04	5.39E-05	1.22E-03	9.93E-05	0.00E+00	3.68E-06	1.47E-06	1.04E-04
4208	495363.09, 3855877.25	0.03637	0.01975	0.03893	0.01584	1.55E-04	0.00E+00	3.31E-06	1.36E-06	1.60E-04	7.31E-05	6.22E-04	2.48E-04	5.00E-05	9.94E-04	6.95E-05	0.00E+00	3.31E-06	1.36E-06	7.41E-05
4209	495863.09, 3855877.25	0.03397	0.01933	0.0383	0.01561	1.45E-04	0.00E+00	3.26E-06	1.34E-06	1.49E-04	6.82E-05	6.09E-04	2.44E-04	4.93E-05	9.71E-04	6.49E-05	0.00E+00	3.26E-06	1.34E-06	6.95E-05
4210	496363.09, 3855877.25	0.03227	0.01912	0.03784	0.01546	1.37E-04	0.00E+00	3.22E-06	1.33E-06	1.42E-04	6.48E-05	6.02E-04	2.41E-04	4.88E-05	9.57E-04	6.16E-05	0.00E+00	3.22E-06	1.33E-06	6.62E-05
4211	496863.09, 3855877.25	0.03228	0.0196	0.0382	0.01549	1.37E-04	0.00E+00	3.25E-06	1.33E-06	1.42E-04	6.48E-05	6.17E-04	2.44E-04	4.89E-05	9.75E-04	6.17E-05	0.00E+00	3.25E-06	1.33E-06	6.62E-05
4212	497363.09, 3855877.25	0.03259	0.02016	0.03846	0.01552	1.39E-04	0.00E+00	3.27E-06	1.34E-06	1.43E-04	6.55E-05	6.35E-04	2.45E-04	4.90E-05	9.95E-04	6.22E-05	0.00E+00	3.27E-06	1.34E-06	6.69E-05
4213	497863.09, 3855877.25	0.03361	0.02102	0.03893	0.01556	1.43E-04	0.00E+00	3.31E-06	1.34E-06	1.48E-04	6.75E-05	6.62E-04	2.48E-04	4.91E-05	1.03E-03	6.42E-05	0.00E+00	3.31E-06	1.34E-06	6.88E-05
4214	498363.09, 3855877.25	0.03738	0.02304	0.03939	0.01571	1.59E-04	0.00E+00	3.35E-06	1.35E-06	1.64E-04	7.51E-05	7.26E-04	2.51E-04	4.96E-05	1.10E-03	7.14E-05	0.00E+00	3.35E-06	1.35E-06	7.61E-05
4215	471363.09, 3856377.25	0.00856	0.00615	0.00303	0.00346	3.65E-05	0.00E+00	2.58E-07	2.98E-07	3.70E-05	1.72E-05	1.94E-04	1.93E-05	1.09E-05	2.41E-04	1.63E-05	0.00E+00	2.58E-07	2.98E-07	1.69E-05
4216	471863.09, 3856377.25	0.00899	0.00635	0.00316	0.00359	3.83E-05	0.00E+00	2.69E-07	3.09E-07	3.89E-05	1.81E-05	2.00E-04	2.02E-05	1.13E-05	2.50E-04	1.72E-05	0.00E+00	2.69E-07	3.09E-07	1.77E-05
4217	472363.09, 3856377.25	0.0097	0.0068	0.00337	0.00376	4.13E-05	0.00E+00	2.87E-07	3.24E-07	4.19E-05	1.95E-05	2.14E-04	2.15E-05	1.19E-05	2.67E-04	1.85E-05	0.00E+00	2.87E-07	3.24E-07	1.91E-05
4218	472863.09, 3856377.25	0.01055	0.0074	0.00362	0.00395	4.49E-05	0.00E+00	3.08E-07	3.40E-07	4.56E-05	2.12E-05	2.33E-04	2.31E-05	1.25E-05	2.90E-04	2.01E-05	0.00E+00	3.08E-07	3.40E-07	2.08E-05
4219	473363.09, 3856377.25	0.01138	0.00789	0.00385	0.00414	4.85E-05	0.00E+00	3.27E-07	3.56E-07	4.91E-05	2.29E-05	2.49E-04	2.46E-05	1.31E-05	3.09E-04	2.17E-05	0.00E+00	3.27E-07	3.56E-07	2.24E-05
4220	473863.09, 3856377.25	0.01263	0.00893	0.00413	0.00438	5.38E-05	0.00E+00	3.51E-07	3.77E-07	5.45E-05	2.54E-05	2.81E-04	2.63E-05	1.38E-05	3.47E-04	2.41E-05	0.00E+00	3.51E-07	3.77E-07	2.49E-05
4221	474363.09, 3856377.25	0.01292	0.00857	0.00431	0.00452	5.50E-05	0.00E+00	3.67E-07	3.89E-07	5.58E-05	2.60E-05	2.70E-04	2.75E-05	1.43E-05	3.38E-04	2.47E-05	0.00E+00	3.67E-07	3.89E-07	2.54E-05
4222	474863.09, 3856377.25	0.01276	0.00794	0.00516	0.00482	5.43E-05	0.00E+00	4.39E-07	4.15E-07	5.52E-05	2.56E-05	2.50E-04	3.29E-05	1.52E-05	3.24E-04	2.44E-05	0.00E+00	4.39E-07	4.15E-07	2.52E-05
4223	475363.09, 3856377.25	0.01079	0.00663	0.00426	0.00471	4.60E-05	0.00E+00	3.62E-07	4.06E-07	4.67E-05	2.17E-05	2.09E-04	2.72E-05	1.49E-05	2.73E-04	2.06E-05	0.00E+00	3.62E-07	4.06E-07	2.14E-05
4224	475863.09, 3856377.25	0.00758	0.00532	0.00358	0.00465	3.23E-05	0.00E+00	3.04E-07	4.00E-07	3.30E-05	1.52E-05	1.68E-04	2.28E-05	1.47E-05	2.20E-04	1.45E-05	0.00E+00	3.04E-07	4.00E-07	1.52E-05
4225	476363.09, 3856377.25	0.00716	0.00528	0.00367	0.00486	3.05E-05	0.00E+00	3.12E-07	4.18E-07	3.12E-05	1.44E-05	1.66E-04	2.34E-05	1.53E-05	2.19E-04	1.37E-05	0.00E+00	3.12E-07	4.18E-07	1.44E-05
4226	476863.09, 3856377.25	0.0074	0.00553	0.00391	0.00512	3.15E-05	0.00E+00	3.33E-07	4.41E-07	3.23E-05	1.49E-05	1.74E-04	2.49E-05	1.62E-05	2.30E-04	1.41E-05	0.00E+00	3.33E-07	4.41E-07	1.49E-05
4227	477363.09, 3856377.25	0.00802	0.00594	0.00419	0.00541	3.42E-05	0.00E+00	3.56E-07	4.66E-07	3.50E-05	1.61E-05	1.87E-04	2.67E-05	1.71E-05	2.47E-04	1.53E-05	0.00E+00	3.56E-07	4.66E-07	1.61E-05
4228	477863.09, 3856377.25	0.00651	0.00551	0.00444	0.00567	2.77E-05	0.00E+00	3.78E-07	4.88E-07	2.86E-05	1.31E-05	1.74E-04	2.83E-05	1.79E-05	2.33E-04	1.24E-05	0.00E+00	3.78E-07	4.88E-07	1.33E-05
4229	478363.09, 3856377.25	0.00588	0.00541	0.00461	0.00597	2.50E-05	0.00E+00	3.92E-07	5.14E-07	2.59E-05	1.18E-05	1.70E-04	2.94E-05	1.88E-05	2.30E-04	1.12E-05	0.00E+00	3.92E-07	5.14E-07	1.21E-05
4230	478863.09, 3856377.25	0.01191	0.00814	0.0054	0.00663	5.07E-05	0.00E+00	4.59E-07	5.71E-07	5.18E-05	2.39E-05	2.56E-04	3.44E-05	2.09E-05	3.36E-04	2.27E-05	0.00E+00	4.59E-07	5.71E-07	2.38E-05
4231	479363.09, 3856377.25	0.01597	0.00997	0.00644	0.00739	6.80E-05	0.00E+00	5.48E-07	6.36E-07	6.92E-05	3.21E-05	3.14E-04	4.11E-05	2.33E-05	4.11E-04	3.05E-05	0.00E+00	5.48E-07	6.36E-07	3.17E-05
4232	479863.09, 3856377.25	0.0277	0.0144	0.00875	0.00877	1.18E-04	0.00E+00	7.44E-07	7.55E-07	1.19E-04	5.56E-05	4.54E-04	5.58E-05	2.77E-05	5.93E-04	5.29E-05	0.00E+00	7.44E-07	7.55E-07	5.44E-05
4233	480363.09, 3856377.25	0.04193	0.02099	0.0095	0.01001	1.79E-04	0.00E+00	8.08E-07	8.62E-07	1.80E-04	8.42E-05	6.61E-04	6.06E-05	3.16E-05	8.38E-04	8.01E-05	0.00E+00	8.08E-07	8.62E-07	8.18E-05
4234	480863.09, 3856377.25	0.05531	0.02981	0.00891	0.01064	2.36E-04	0.00E+00	7.58E-07	9.16E-07	2.37E-04	1.11E-04	9.39E-04	5.68E-05	3.36E-05	1.14E-03	1.06E-04	0.00E+00	7.58E-07	9.16E-07	1.07E-04
4235	481363.09, 3856377.25	0.07117	0.04515	0.00888	0.01171	3.03E-04	0.00E+00	7.55E-07	1.01E-06	3.05E-04	1.43E-04	1.42E-03	5.66E-05	3.70E-05	1.66E-03	1.36E-04	0.00E+00	7.55E-07	1.01E-06	1.38E-04
4236	481863.09, 3856377.25	0.08843	0.08503	0.00899	0.0134	3.77E-04	0.00E+00	7.65E-07	1.15E-06	3.79E-04	1.78E-04	2.68E-03	5.73E-05	4.23E-05	2.96E-03	1.69E-04	0.00E+00	7.65E-07	1.15E-06	1.71E-04
4237	482363.09, 3856377.25	0.10435	0.15929	0.00959	0.01827	4.44E-04	0.00E+00	8.16E-07	1.57E-06	4.47E-04	2.10E-04	5.02E-03	6.12E-05	5.77E-05	5.35E-03	1.99E-04	0.00E+00	8.16E-07	1.57E-06	2.02E-04
4238	482863.09, 3856377.25	0.1312	0.25705	0.01009	0.02686	5.59E-04	0.00E+00	8.58E-07	2.31E-06	5.62E-04	2.64E-04	8.10E-03	6.44E-05	8.48E-05	8.51E-03	2.51E-04	0.00E+00	8.58E-07	2.31E-06	2.54E-04
4239	483363.09, 3856377.25	0.1695	0.86063	0.01044	0.05574	7.22E-04	0.00E+00	8.88E-07	4.80E-06	7.28E-04	3.40E-04	2.71E-02	6.66E-05	1.76E-04	2.77E-02	3.24E-04	0.00E+00	8.88E-07	4.80E-06	3.29E-04
4240	483863.09, 3856377.25	0.23268	1.81165	0.0104	0.13776	9.91E-04	0.00E+00	8.84E-07	1.19E-05	1.00E-03	4.67E-04	5.71E-02	6.63E-05	4.35E-04	5.80E-02	4.44E-04	0.00E+00	8.84E-07	1.19E-05	4.57E-04
4241	484363.09, 3856377.25	0.3306	1.79031	0.00953	0.21993	1.41E-03	0.00E+00	8.10E-07	1.89E-05	1.43E-03	6.64E-04	5.64E-02	6.08E-05	6.94E-04	5.78E-02	6.31E-04	0.00E+00	8.10E-07	1.89E-05	6.51E-04
4242	484863.09, 3856377.25	0.50002	0.82737	0.00832	0.29523	2.13E-03	0.00E+00	7.08E-07	2.54E-05	2.16E-03	1.00E-03	2.61E-02	5.31E-05	9.32E-04	2.81E-02	9.55E-04	0.00E+00	7.08E-07	2.54E-05	9.81E-04
4243	485363.09, 3856377.25	0.92881	0.51693	0.00782	0.19618	3.96E-03	0.00E+00	6.65E-07	1.69E-05	3.97E-03	1.87E-03	1.63E-02	4.99E-05	6.19E-04	1.88E-02	1.77E-03	0.00E+00	6.65E-07	1.69E-05	1.79E-03
4244	485863.09, 3856377.25	4.79441	0.35977	0.00838	0.11411	2.04E-02	0.00E+00	7.13E-07	9.83E-06	2.04E-02	9.63E-03	1.13E-02	5.35E-05	3.60E-04	2.14E-02	9.16E-03	0.00E+00	7.13E-07	9.83E-06	9.17E-03

4245	486363.09, 3856377.25	5.70778	0.2356	0.00926	0.07747	2.43E-02	0.00E+00	7.88E-07	6.67E-06	2.43E-02	1.15E-02	7.42E-03	5.91E-05	2.45E-04	1.92E-02	1.09E-02	0.00E+00	7.88E-07	6.67E-06	1.09E-02
4246	486863.09, 3856377.25	2.52686	0.20638	0.01164	0.05734	1.08E-02	0.00E+00	9.90E-07	4.94E-06	1.08E-02	5.08E-03	6.50E-03	7.42E-05	1.81E-04	1.18E-02	4.83E-03	0.00E+00	9.90E-07	4.94E-06	4.83E-03
4247	487363.09, 3856377.25	1.68919	0.18951	0.01578	0.04584	7.19E-03	0.00E+00	1.34E-06	3.95E-06	7.20E-03	3.39E-03	5.97E-03	1.01E-04	1.45E-04	9.61E-03	3.23E-03	0.00E+00	1.34E-06	3.95E-06	3.23E-03
4248	487863.09, 3856377.25	1.25565	0.17835	0.01848	0.03811	5.35E-03	0.00E+00	1.57E-06	3.28E-06	5.35E-03	2.52E-03	5.62E-03	1.18E-04	1.20E-04	8.38E-03	2.40E-03	0.00E+00	1.57E-06	3.28E-06	2.40E-03
4249	488363.09, 3856377.25	0.9655	0.16379	0.01612	0.03315	4.11E-03	0.00E+00	1.37E-06	2.85E-06	4.12E-03	1.94E-03	5.16E-03	1.03E-04	1.05E-04	7.31E-03	1.84E-03	0.00E+00	1.37E-06	2.85E-06	1.85E-03
4250	488863.09, 3856377.25	0.76028	0.15095	0.01891	0.03001	3.24E-03	0.00E+00	1.61E-06	2.58E-06	3.24E-03	1.53E-03	4.75E-03	1.21E-04	9.48E-05	6.50E-03	1.45E-03	0.00E+00	1.61E-06	2.58E-06	1.46E-03
4251	489363.09, 3856377.25	0.61234	0.13947	0.02431	0.02837	2.61E-03	0.00E+00	2.07E-06	2.44E-06	2.61E-03	1.23E-03	4.39E-03	1.55E-04	8.96E-05	5.87E-03	1.17E-03	0.00E+00	2.07E-06	2.44E-06	1.17E-03
4252	489863.09, 3856377.25	0.50315	0.12909	0.04005	0.02733	2.14E-03	0.00E+00	3.41E-06	2.35E-06	2.15E-03	1.01E-03	4.07E-03	2.55E-04	8.63E-05	5.42E-03	9.61E-04	0.00E+00	3.41E-06	2.35E-06	9.67E-04
4253	490363.09, 3856377.25	0.42089	0.11832	0.04782	0.02609	1.79E-03	0.00E+00	4.07E-06	2.25E-06	1.80E-03	8.45E-04	3.73E-03	3.05E-04	8.24E-05	4.96E-03	8.04E-04	0.00E+00	4.07E-06	2.25E-06	8.10E-04
4254	490863.09, 3856377.25	0.35677	0.1088	0.0608	0.02529	1.52E-03	0.00E+00	5.17E-06	2.18E-06	1.53E-03	7.17E-04	3.43E-03	3.88E-04	7.98E-05	4.61E-03	6.81E-04	0.00E+00	5.17E-06	2.18E-06	6.89E-04
4255	491363.09, 3856377.25	0.30653	0.10125	0.06983	0.02538	1.31E-03	0.00E+00	5.94E-06	2.19E-06	1.31E-03	6.16E-04	3.19E-03	4.45E-04	8.01E-05	4.33E-03	5.85E-04	0.00E+00	5.94E-06	2.19E-06	5.94E-04
4256	491863.09, 3856377.25	0.26523	0.09284	0.07744	0.02533	1.13E-03	0.00E+00	6.59E-06	2.18E-06	1.14E-03	5.33E-04	2.92E-03	4.94E-04	8.00E-05	4.03E-03	5.07E-04	0.00E+00	6.59E-06	2.18E-06	5.15E-04
4257	492363.09, 3856377.25	0.22834	0.08255	0.08029	0.02499	9.72E-04	0.00E+00	6.83E-06	2.15E-06	9.81E-04	4.59E-04	2.60E-03	5.12E-04	7.89E-05	3.65E-03	4.36E-04	0.00E+00	6.83E-06	2.15E-06	4.45E-04
4258	492863.09, 3856377.25	0.1845	0.06721	0.07755	0.02369	7.86E-04	0.00E+00	6.60E-06	2.04E-06	7.94E-04	3.71E-04	2.12E-03	4.95E-04	7.48E-05	3.06E-03	3.52E-04	0.00E+00	6.60E-06	2.04E-06	3.61E-04
4259	493363.09, 3856377.25	0.11621	0.04668	0.06555	0.02074	4.95E-04	0.00E+00	5.57E-06	1.79E-06	5.02E-04	2.33E-04	1.47E-03	4.18E-04	6.55E-05	2.19E-03	2.22E-04	0.00E+00	5.57E-06	1.79E-06	2.29E-04
4260	493863.09, 3856377.25	0.08665	0.039	0.06023	0.01954	3.69E-04	0.00E+00	5.12E-06	1.68E-06	3.76E-04	1.74E-04	1.23E-03	3.84E-04	6.17E-05	1.85E-03	1.65E-04	0.00E+00	5.12E-06	1.68E-06	1.72E-04
4261	494363.09, 3856377.25	0.06051	0.03125	0.05511	0.01838	2.58E-04	0.00E+00	4.69E-06	1.58E-06	2.64E-04	1.22E-04	9.84E-04	3.52E-04	5.80E-05	1.52E-03	1.16E-04	0.00E+00	4.69E-06	1.58E-06	1.22E-04
4262	494863.09, 3856377.25	0.04397	0.02552	0.05018	0.01732	1.87E-04	0.00E+00	4.27E-06	1.49E-06	1.93E-04	8.83E-05	8.04E-04	3.20E-04	5.47E-05	1.27E-03	8.40E-05	0.00E+00	4.27E-06	1.49E-06	8.97E-05
4263	495363.09, 3856377.25	0.03474	0.02186	0.04506	0.01644	1.48E-04	0.00E+00	3.83E-06	1.42E-06	1.53E-04	6.98E-05	6.89E-04	2.87E-04	5.19E-05	1.10E-03	6.64E-05	0.00E+00	3.83E-06	1.42E-06	7.16E-05
4264	495863.09, 3856377.25	0.03221	0.02114	0.04314	0.01613	1.37E-04	0.00E+00	3.67E-06	1.39E-06	1.42E-04	6.47E-05	6.66E-04	2.75E-04	5.09E-05	1.06E-03	6.15E-05	0.00E+00	3.67E-06	1.39E-06	6.66E-05
4265	496363.09, 3856377.25	0.03159	0.02132	0.04232	0.01603	1.35E-04	0.00E+00	3.60E-06	1.38E-06	1.40E-04	6.34E-05	6.72E-04	2.70E-04	5.06E-05	1.06E-03	6.03E-05	0.00E+00	3.60E-06	1.38E-06	6.53E-05
4266	496863.09, 3856377.25	0.03298	0.02245	0.043	0.01624	1.40E-04	0.00E+00	3.66E-06	1.40E-06	1.46E-04	6.62E-05	7.07E-04	2.74E-04	5.13E-05	1.10E-03	6.30E-05	0.00E+00	3.66E-06	1.40E-06	6.80E-05
4267	497363.09, 3856377.25	0.03427	0.02348	0.043	0.01626	1.46E-04	0.00E+00	3.66E-06	1.40E-06	1.51E-04	6.88E-05	7.40E-04	2.74E-04	5.13E-05	1.13E-03	6.55E-05	0.00E+00	3.66E-06	1.40E-06	7.05E-05
4268	497863.09, 3856377.25	0.03672	0.025	0.04251	0.01629	1.56E-04	0.00E+00	3.62E-06	1.40E-06	1.61E-04	7.38E-05	7.87E-04	2.71E-04	5.14E-05	1.18E-03	7.01E-05	0.00E+00	3.62E-06	1.40E-06	7.52E-05
4269	498363.09, 3856377.25	0.04034	0.02704	0.04251	0.01635	1.72E-04	0.00E+00	3.62E-06	1.41E-06	1.77E-04	8.10E-05	8.52E-04	2.71E-04	5.16E-05	1.26E-03	7.70E-05	0.00E+00	3.62E-06	1.41E-06	8.21E-05
4270	471363.09, 3856877.25	0.00879	0.00636	0.00308	0.00342	3.74E-05	0.00E+00	2.62E-07	2.94E-07	3.80E-05	1.77E-05	2.00E-04	1.96E-05	1.08E-05	2.48E-04	1.68E-05	0.00E+00	2.62E-07	2.94E-07	1.73E-05
4271	471863.09, 3856877.25	0.00917	0.00648	0.00315	0.00355	3.91E-05	0.00E+00	2.68E-07	3.06E-07	3.96E-05	1.84E-05	2.04E-04	2.01E-05	1.12E-05	2.54E-04	1.75E-05	0.00E+00	2.68E-07	3.06E-07	1.81E-05
4272	472363.09, 3856877.25	0.00985	0.00692	0.00327	0.00373	4.19E-05	0.00E+00	2.78E-07	3.21E-07	4.25E-05	1.98E-05	2.18E-04	2.09E-05	1.18E-05	2.70E-04	1.88E-05	0.00E+00	2.78E-07	3.21E-07	1.94E-05
4273	472863.09, 3856877.25	0.01057	0.00737	0.00339	0.00392	4.50E-05	0.00E+00	2.88E-07	3.38E-07	4.56E-05	2.12E-05	2.32E-04	2.16E-05	1.24E-05	2.87E-04	2.02E-05	0.00E+00	2.88E-07	3.38E-07	2.08E-05
4274	473363.09, 3856877.25	0.01173	0.00838	0.00356	0.00417	5.00E-05	0.00E+00	3.03E-07	3.59E-07	5.06E-05	2.36E-05	2.64E-04	2.27E-05	1.32E-05	3.23E-04	2.24E-05	0.00E+00	3.03E-07	3.59E-07	2.31E-05
4275	473863.09, 3856877.25	0.01258	0.00892	0.00369	0.00439	5.36E-05	0.00E+00	3.14E-07	3.78E-07	5.43E-05	2.53E-05	2.81E-04	2.35E-05	1.39E-05	3.44E-04	2.40E-05	0.00E+00	3.14E-07	3.78E-07	2.47E-05
4276	474363.09, 3856877.25	0.01272	0.00846	0.0038	0.00453	5.42E-05	0.00E+00	3.23E-07	3.90E-07	5.49E-05	2.55E-05	2.66E-04	2.42E-05	1.43E-05	3.31E-04	2.43E-05	0.00E+00	3.23E-07	3.90E-07	2.50E-05
4277	474863.09, 3856877.25	0.01241	0.00777	0.00428	0.00484	5.28E-05	0.00E+00	3.64E-07	4.17E-07	5.36E-05	2.49E-05	2.45E-04	2.73E-05	1.53E-05	3.12E-04	2.37E-05	0.00E+00	3.64E-07	4.17E-07	2.45E-05
4278	475363.09, 3856877.25	0.011	0.00679	0.00392	0.00475	4.68E-05	0.00E+00	3.33E-07	4.09E-07	4.76E-05	2.21E-05	2.14E-04	2.50E-05	1.50E-05	2.76E-04	2.10E-05	0.00E+00	3.33E-07	4.09E-07	2.18E-05
4279	475863.09, 3856877.25	0.01118	0.0069	0.00402	0.00492	4.76E-05	0.00E+00	3.42E-07	4.24E-07	4.84E-05	2.25E-05	2.17E-04	2.56E-05	1.55E-05	2.81E-04	2.14E-05	0.00E+00	3.42E-07	4.24E-07	2.21E-05
4280	476363.09, 3856877.25	0.00983	0.00641	0.00392	0.00494	4.19E-05	0.00E+00	3.33E-07	4.25E-07	4.26E-05	1.97E-05	2.02E-04	2.50E-05	1.56E-05	2.62E-04	1.88E-05	0.00E+00	3.33E-07	4.25E-07	1.95E-05
4281	476863.09, 3856877.25	0.00952	0.00644	0.00385	0.00514	4.05E-05	0.00E+00	3.27E-07	4.43E-07	4.13E-05	1.91E-05	2.03E-04	2.46E-05	1.62E-05	2.63E-04	1.82E-05	0.00E+00	3.27E-07	4.43E-07	1.90E-05
4282	477363.09, 3856877.25	0.00846	0.00616	0.00387	0.00531	3.60E-05	0.00E+00	3.29E-07	4.57E-07	3.68E-05	1.70E-05	1.94E-04	2.47E-05	1.68E-05	2.52E-04	1.62E-05	0.00E+00	3.29E-07	4.57E-07	1.69E-05
4283	477863.09, 3856877.25	0.00579	0.00519	0.00379	0.00549	2.47E-05	0.00E+00	3.22E-07	4.73E-07	2.55E-05	1.16E-05	1.63E-04	2.42E-05	1.73E-05	2.17E-04	1.11E-05	0.00E+00	3.22E-07	4.73E-07	1.19E-05
4284	478363.09, 3856877.25	0.00521	0.00505	0.00398	0.00576	2.22E-05	0.00E+00	3.38E-07	4.96E-07	2.30E-05	1.05E-05	1.59E-04	2.54E-05	1.82E-05	2.13E-04	9.95E-06	0.00E+00	3.38E-07	4.96E-07	1.08E-05
4285	478863.09, 3856877.25	0.00676	0.00599	0.0044	0.00619	2.88E-05	0.00E+00	3.74E-07	5.33E-07	2.97E-05	1.36E-05	1.89E-04	2.81E-05	1.95E-05	2.50E-04	1.29E-05	0.00E+00	3.74E-07	5.33E-07	1.38E-05
4286	479363.09, 3856877.25	0.00934	0.00738	0.00479	0.00669	3.98E-05	0.00E+00	4.07E-07	5.76E-07	4.08E-05	1.88E-05	2.32E-04	3.06E-05	2.11E-05	3.03E-04	1.78E-05	0.00E+00	4.07E-07	5.76E-07	1.88E-05
4287	479863.09, 3856877.25	0.02554	0.01358	0.00851	0.00868	1.09E-04	0.00E+00	7.24E-07	7.47E-07	1.10E-04	5.13E-05	4.28E-04	5.43E-05	2.74E-05	5.61E-04	4.88E-05	0.00E+00	7.24E-07	7.47E-07	5.03E-05
4288	480363.09, 3856877.25	0.04184	0.02087	0.00976	0.01052	1.78E-04	0.00E+00	8.30E-07	9.06E-07	1.80E-04	8.40E-05	6.57E-04	6.23E-05	3.32E-05	8.37E-04	7.99E-05	0.00E+00	8.30E-07	9.06E-07	8.16E-05
4289	480863.09, 3856877.25	0.05691	0.03286	0.00774	0.01026	2.42E-04	0.00E+00	6.58E-07	8.83E-07	2.44E-04	1.14E-04	1.04E-03	4.94E-05	3.24E-05	1.23E-03	1.09E-04	0.00E+00	6.58E-07	8.83E-07	1.10E-04
4290	481363.09, 3856877.25	0.07154	0.05024	0.00773	0.01075	3.05E-04	0.00E+00	6.57E-07	9.26E-07	3.06E-04	1.44E-04	1.58E-03	4.93E-05	3.39E-05	1.81E-03	1.37E-04	0.00E+00	6.57E-07	9.26E-07	1.38E-04
4291	481863.09, 3856877.25	0.08597	0.07027	0.00833	0.01224	3.66E-04	0.00E+00	7.08E-07	1.05E-06	3.68E-04	1.73E-04	2.21E-03	5.31E-05	3.86E-05	2.48E-03	1.64E-04	0.00E+00	7.08E-07	1.05E-06	1.66E-04
4292	482363.09, 3856877.25	0.09681	0.13812	0.0092	0.01403	4.12E-04	0.00E+00	7.82E-07	1.21E-06	4.14E-04	1.94E-04	4.35E-03	5.87E-05	4.43E-05	4.65E-03	1.85E-04	0.00E+00	7.82E-07	1.21E-06	1.87E-04
4293	482863.09, 3856877.25	0.11515	0.21511	0.01009	0.01762	4.90E-04	0.00E+00	8.58E-07	1.52E-06	4.93E-04	2.31E-04	6.78E-03	6.44E-05	5.56E-05	7.13E-03	2.20E-04	0.00E+00	8.58E-07	1.52E-06	2.22E-04
4294	483363.09, 3856877.25	0.14394	0.40778	0.01114	0.0268	6.13E-04	0.00E+00	9.47E-07	2.31E-06	6.16E-04	2.89E-04	1.28E-02	7.11E-05	8.46E-05	1.33E-02	2.75E-04	0.00E+00	9.47E-07	2.31E-06	2.78E-04
4295	483863.09, 3856877.25	0.18599	1.68053	0.0122	0.03874	7.92E-04	0.00E+00	1.04E-06	3.34E-06	7.96E-04	3.74E-04	5.29E-02	7.78E-05	1.22E-04	5.35E-02	3.55E-04	0.00E+00	1.04E-06	3.34E-06	3.60E-04
4296	484363.09, 3856877.25	0.24428	2.17827	0.01313	0.0626	1.04E-03	0.00E+00	1.12E-06	5.39E-06	1.05E-03	4.91E-04	6.86E-02	8.38E-05	1.98E-04	6.94E-02	4.67E-04	0.00E+00	1.12E-06	5.39E-06	4.73E-04
4297	484863.09, 3856877.25	0.32045	2.56153	0.01353	0.0798	1.36E-03	0.00E+00	1.15E-06	6.87E-06	1.37E-03	6.44E-04	8.07E-02	8.63E-05	2.52E-04	8.17E-02	6.12E-04	0.00E+00	1.15E-06	6.87E-06	6.20E-04
4298	485363.09, 3856877.25	0.46618	1.08806	0.01317	0.09757	1.99E-03	0.00E+00	1.12E-06	8.40E-06	1.99E-03	9.36E-04	3.43E-02	8.40E-05	3.08E-04	3.56E-02	8.90E-04	0.00E+00	1.12E-06	8.40E-06	9.00E-04
4299	485863.09, 3856877.25	0.78904	0.65356	0.0118	0.06298	3.36E-03	0.00E+00	1.00E-06	5.42E-06	3.37E-03	1.58E-03	2.06E-02	7.53E-05	1.99E-04	2.24E-02	1.51E-03	0.00E+00	1.00E-06	5.42E-06	1.51E-03
4300	486363.09, 3856877.25	2.72006	0.33933	0.01169	0.04843	1.16E-02	0.00E+00	9.94E-07	4.17E-06	1.16E-02	5.46E-03	1.07E-02	7.46E-05	1.53E-04	1.64E-02	5.20E-03	0.00E+00	9.94E-07	4.17E-06	5.20E-03
4301	486863.09, 3856877.25	10.23729	0.29031	0.01394	0.03903	4.36E-02	0.00E+00	1.19E-06	3.36E-06	4.36E-02	2.06E-02	9.14E-03	8.89E-05	1.23E-04	2.99E-02	1.96E-02	0.00E+00	1.19E-06	3.36E-06	1.96E-02
4302	487363.09, 3856877.25	2.74537	0.25947	0.01897	0.03347	1.17E-02	0.00E+00	1.61E-06	2.88E-06	1.17E-02	5.51E-03	8.17E-03	1.21E-04	1.06E-04	1.39E-02	5.24E-03	0.00E+00	1.61E-06	2.88E-06	5.25E-03
4303	487863.09, 3856877.25	1.50781	0.23413	0.02847	0.03029	6.42E-03	0.00E+00	2.42E-06	2.61E-06	6.43E-03	3.03E-03	7.38E-03	1.82E-04	9.56E-05	1.07E-02	2.88E-03	0.00E+00	2.42E-06	2.61E-06	2.88E-03

4304	488363.09, 3856877.25	0.99555	0.21317	0.02582	0.02808	4.24E-03	0.00E+00	2.20E-06	2.42E-06	4.24E-03	2.00E-03	6.71E-03	1.65E-04	8.87E-05	8.97E-03	1.90E-03	0.00E+00	2.20E-06	2.42E-06	1.91E-03
4305	488863.09, 3856877.25	0.73264	0.19198	0.03356	0.02743	3.12E-03	0.00E+00	2.85E-06	2.36E-06	3.13E-03	1.47E-03	6.05E-03	2.14E-04	8.66E-05	7.82E-03	1.40E-03	0.00E+00	2.85E-06	2.36E-06	1.40E-03
4306	489363.09, 3856877.25	0.57218	0.17629	0.0672	0.02731	2.44E-03	0.00E+00	5.72E-06	2.35E-06	2.44E-03	1.15E-03	5.55E-03	4.29E-04	8.62E-05	7.22E-03	1.09E-03	0.00E+00	5.72E-06	2.35E-06	1.10E-03
4307	489863.09, 3856877.25	0.46613	0.16099	0.09233	0.02663	1.99E-03	0.00E+00	7.85E-06	2.29E-06	2.00E-03	9.36E-04	5.07E-03	5.89E-04	8.41E-05	6.68E-03	8.90E-04	0.00E+00	7.85E-06	2.29E-06	9.00E-04
4308	490363.09, 3856877.25	0.3898	0.14532	0.10963	0.0263	1.66E-03	0.00E+00	9.32E-06	2.26E-06	1.67E-03	7.83E-04	4.58E-03	6.99E-04	8.30E-05	6.14E-03	7.44E-04	0.00E+00	9.32E-06	2.26E-06	7.56E-04
4309	490863.09, 3856877.25	0.33148	0.1326	0.11577	0.02649	1.41E-03	0.00E+00	9.85E-06	2.28E-06	1.42E-03	6.66E-04	4.18E-03	7.38E-04	8.36E-05	5.66E-03	6.33E-04	0.00E+00	9.85E-06	2.28E-06	6.45E-04
4310	491363.09, 3856877.25	0.28623	0.12161	0.11416	0.02685	1.22E-03	0.00E+00	9.71E-06	2.31E-06	1.23E-03	5.75E-04	3.83E-03	7.28E-04	8.48E-05	5.22E-03	5.47E-04	0.00E+00	9.71E-06	2.31E-06	5.59E-04
4311	491863.09, 3856877.25	0.24895	0.11072	0.11201	0.02684	1.06E-03	0.00E+00	9.53E-06	2.31E-06	1.07E-03	5.00E-04	3.49E-03	7.14E-04	8.47E-05	4.79E-03	4.75E-04	0.00E+00	9.53E-06	2.31E-06	4.87E-04
4312	492363.09, 3856877.25	0.20385	0.08634	0.11333	0.02641	8.68E-04	0.00E+00	9.64E-06	2.27E-06	8.80E-04	4.09E-04	2.72E-03	7.23E-04	8.34E-05	3.94E-03	3.89E-04	0.00E+00	9.64E-06	2.27E-06	4.01E-04
4313	492863.09, 3856877.25	0.15786	0.06974	0.1041	0.0245	6.72E-04	0.00E+00	8.85E-06	2.11E-06	6.83E-04	3.17E-04	2.20E-03	6.64E-04	7.74E-05	3.26E-03	3.02E-04	0.00E+00	8.85E-06	2.11E-06	3.12E-04
4314	493363.09, 3856877.25	0.11096	0.05445	0.08559	0.02216	4.73E-04	0.00E+00	7.28E-06	1.91E-06	4.82E-04	2.23E-04	1.72E-03	5.46E-04	7.00E-05	2.55E-03	2.12E-04	0.00E+00	7.28E-06	1.91E-06	2.21E-04
4315	493863.09, 3856877.25	0.07288	0.04127	0.07101	0.02041	3.10E-04	0.00E+00	6.04E-06	1.76E-06	3.18E-04	1.46E-04	1.30E-03	4.53E-04	6.44E-05	1.96E-03	1.39E-04	0.00E+00	6.04E-06	1.76E-06	1.47E-04
4316	494363.09, 3856877.25	0.05007	0.03253	0.06187	0.01923	2.13E-04	0.00E+00	5.26E-06	1.66E-06	2.20E-04	1.01E-04	1.02E-03	3.95E-04	6.07E-05	1.58E-03	9.56E-05	0.00E+00	5.26E-06	1.66E-06	1.03E-04
4317	494863.09, 3856877.25	0.04082	0.02855	0.05584	0.01843	1.74E-04	0.00E+00	4.75E-06	1.59E-06	1.80E-04	8.20E-05	8.99E-04	3.56E-04	5.82E-05	1.40E-03	7.80E-05	0.00E+00	4.75E-06	1.59E-06	8.43E-05
4318	495363.09, 3856877.25	0.03571	0.02624	0.05097	0.01775	1.52E-04	0.00E+00	4.33E-06	1.53E-06	1.58E-04	7.17E-05	8.27E-04	3.25E-04	5.60E-05	1.28E-03	6.82E-05	0.00E+00	4.33E-06	1.53E-06	7.41E-05
4319	495863.09, 3856877.25	0.03401	0.02568	0.04816	0.01738	1.45E-04	0.00E+00	4.10E-06	1.50E-06	1.50E-04	6.83E-05	8.09E-04	3.07E-04	5.49E-05	1.24E-03	6.50E-05	0.00E+00	4.10E-06	1.50E-06	7.05E-05
4320	496363.09, 3856877.25	0.03298	0.02541	0.04548	0.01707	1.40E-04	0.00E+00	3.87E-06	1.47E-06	1.46E-04	6.62E-05	8.00E-04	2.90E-04	5.39E-05	1.21E-03	6.30E-05	0.00E+00	3.87E-06	1.47E-06	6.83E-05
4321	496863.09, 3856877.25	0.03314	0.02582	0.0446	0.01698	1.41E-04	0.00E+00	3.79E-06	1.46E-06	1.46E-04	6.66E-05	8.13E-04	2.84E-04	5.36E-05	1.22E-03	6.33E-05	0.00E+00	3.79E-06	1.46E-06	6.86E-05
4322	497363.09, 3856877.25	0.03467	0.02684	0.04333	0.01693	1.48E-04	0.00E+00	3.69E-06	1.46E-06	1.53E-04	6.96E-05	8.45E-04	2.76E-04	5.35E-05	1.24E-03	6.62E-05	0.00E+00	3.69E-06	1.46E-06	7.14E-05
4323	497863.09, 3856877.25	0.03895	0.02931	0.04322	0.01698	1.66E-04	0.00E+00	3.68E-06	1.46E-06	1.71E-04	7.82E-05	9.23E-04	2.76E-04	5.36E-05	1.33E-03	7.44E-05	0.00E+00	3.68E-06	1.46E-06	7.95E-05
4324	498363.09, 3856877.25	0.04417	0.03234	0.04374	0.01705	1.88E-04	0.00E+00	3.72E-06	1.47E-06	1.93E-04	8.87E-05	1.02E-03	2.79E-04	5.38E-05	1.44E-03	8.44E-05	0.00E+00	3.72E-06	1.47E-06	8.96E-05
4325	471363.09, 3857377.25	0.009	0.00645	0.0035	0.00348	3.83E-05	0.00E+00	2.98E-07	3.00E-07	3.89E-05	1.81E-05	2.03E-04	2.23E-05	1.10E-05	2.55E-04	1.72E-05	0.00E+00	2.98E-07	3.00E-07	1.78E-05
4326	471863.09, 3857377.25	0.00933	0.00655	0.00358	0.00359	3.97E-05	0.00E+00	3.04E-07	3.09E-07	4.03E-05	1.87E-05	2.06E-04	2.28E-05	1.13E-05	2.59E-04	1.78E-05	0.00E+00	3.04E-07	3.09E-07	1.84E-05
4327	472363.09, 3857377.25	0.00988	0.00692	0.00369	0.00374	4.21E-05	0.00E+00	3.14E-07	3.22E-07	4.27E-05	1.98E-05	2.18E-04	2.35E-05	1.18E-05	2.73E-04	1.89E-05	0.00E+00	3.14E-07	3.22E-07	1.95E-05
4328	472863.09, 3857377.25	0.01059	0.00744	0.00382	0.00392	4.51E-05	0.00E+00	3.25E-07	3.38E-07	4.58E-05	2.13E-05	2.34E-04	2.44E-05	1.24E-05	2.92E-04	2.02E-05	0.00E+00	3.25E-07	3.38E-07	2.09E-05
4329	473363.09, 3857377.25	0.01151	0.0082	0.00396	0.00412	4.90E-05	0.00E+00	3.37E-07	3.55E-07	4.97E-05	2.31E-05	2.58E-04	2.53E-05	1.30E-05	3.20E-04	2.20E-05	0.00E+00	3.37E-07	3.55E-07	2.27E-05
4330	473863.09, 3857377.25	0.01259	0.00923	0.00407	0.00432	5.36E-05	0.00E+00	3.46E-07	3.72E-07	5.43E-05	2.53E-05	2.91E-04	2.60E-05	1.36E-05	3.56E-04	2.40E-05	0.00E+00	3.46E-07	3.72E-07	2.48E-05
4331	474363.09, 3857377.25	0.01244	0.00834	0.00417	0.00439	5.30E-05	0.00E+00	3.55E-07	3.78E-07	5.37E-05	2.50E-05	2.63E-04	2.66E-05	1.39E-05	3.28E-04	2.38E-05	0.00E+00	3.55E-07	3.78E-07	2.45E-05
4332	474863.09, 3857377.25	0.01014	0.00633	0.00405	0.00431	4.32E-05	0.00E+00	3.44E-07	3.71E-07	4.39E-05	2.04E-05	1.99E-04	2.58E-05	1.36E-05	2.59E-04	1.94E-05	0.00E+00	3.44E-07	3.71E-07	2.01E-05
4333	475363.09, 3857377.25	0.00712	0.00496	0.00337	0.00411	3.03E-05	0.00E+00	2.87E-07	3.54E-07	3.10E-05	1.43E-05	1.56E-04	2.15E-05	1.30E-05	2.05E-04	1.36E-05	0.00E+00	2.87E-07	3.54E-07	1.42E-05
4334	475863.09, 3857377.25	0.00663	0.00487	0.00341	0.00427	2.82E-05	0.00E+00	2.90E-07	3.68E-07	2.89E-05	1.33E-05	1.53E-04	2.18E-05	1.35E-05	2.02E-04	1.27E-05	0.00E+00	2.90E-07	3.68E-07	1.33E-05
4335	476363.09, 3857377.25	0.00888	0.00593	0.00391	0.00462	3.78E-05	0.00E+00	3.33E-07	3.98E-07	3.85E-05	1.78E-05	1.87E-04	2.49E-05	1.46E-05	2.44E-04	1.70E-05	0.00E+00	3.33E-07	3.98E-07	1.77E-05
4336	476863.09, 3857377.25	0.0095	0.00636	0.00395	0.00487	4.05E-05	0.00E+00	3.36E-07	4.19E-07	4.12E-05	1.91E-05	2.00E-04	2.52E-05	1.54E-05	2.60E-04	1.81E-05	0.00E+00	3.36E-07	4.19E-07	1.89E-05
4337	477363.09, 3857377.25	0.0084	0.00598	0.00392	0.00506	3.58E-05	0.00E+00	3.33E-07	4.36E-07	3.65E-05	1.69E-05	1.88E-04	2.50E-05	1.60E-05	2.46E-04	1.60E-05	0.00E+00	3.33E-07	4.36E-07	1.68E-05
4338	477863.09, 3857377.25	0.00628	0.00526	0.00375	0.00526	2.67E-05	0.00E+00	3.19E-07	4.53E-07	2.75E-05	1.26E-05	1.66E-04	2.39E-05	1.66E-05	2.19E-04	1.20E-05	0.00E+00	3.19E-07	4.53E-07	1.28E-05
4339	478363.09, 3857377.25	0.00476	0.00474	0.00385	0.00555	2.03E-05	0.00E+00	3.27E-07	4.78E-07	2.11E-05	9.56E-06	1.49E-04	2.46E-05	1.75E-05	2.01E-04	9.09E-06	0.00E+00	3.27E-07	4.78E-07	9.90E-06
4340	478863.09, 3857377.25	0.00406	0.00454	0.00392	0.00587	1.73E-05	0.00E+00	3.33E-07	5.05E-07	1.81E-05	8.15E-06	1.43E-04	2.50E-05	1.85E-05	1.95E-04	7.75E-06	0.00E+00	3.33E-07	5.05E-07	8.59E-06
4341	479363.09, 3857377.25	0.00679	0.00617	0.00439	0.00649	2.89E-05	0.00E+00	3.73E-07	5.59E-07	2.98E-05	1.36E-05	1.94E-04	2.80E-05	2.05E-05	2.56E-04	1.30E-05	0.00E+00	3.73E-07	5.59E-07	1.39E-05
4342	479863.09, 3857377.25	0.02076	0.01184	0.00658	0.00825	8.84E-05	0.00E+00	5.60E-07	7.10E-07	8.97E-05	4.17E-05	3.73E-04	4.20E-05	2.60E-05	4.83E-04	3.97E-05	0.00E+00	5.60E-07	7.10E-07	4.09E-05
4343	480363.09, 3857377.25	0.01698	0.01088	0.00595	0.00824	7.23E-05	0.00E+00	5.06E-07	7.10E-07	7.35E-05	3.41E-05	3.43E-04	3.80E-05	2.60E-05	4.41E-04	3.24E-05	0.00E+00	5.06E-07	7.10E-07	3.36E-05
4344	480863.09, 3857377.25	0.05642	0.03312	0.00724	0.01032	2.40E-04	0.00E+00	6.16E-07	8.89E-07	2.42E-04	1.13E-04	1.04E-03	4.62E-05	3.26E-05	1.24E-03	1.08E-04	0.00E+00	6.16E-07	8.89E-07	1.09E-04
4345	481363.09, 3857377.25	0.06426	0.03692	0.00756	0.01091	2.74E-04	0.00E+00	6.43E-07	9.39E-07	2.75E-04	1.29E-04	1.16E-03	4.82E-05	3.44E-05	1.37E-03	1.23E-04	0.00E+00	6.43E-07	9.39E-07	1.24E-04
4346	481863.09, 3857377.25	0.07774	0.05535	0.00761	0.01185	3.31E-04	0.00E+00	6.47E-07	1.02E-06	3.33E-04	1.56E-04	1.74E-03	4.85E-05	3.74E-05	1.99E-03	1.48E-04	0.00E+00	6.47E-07	1.02E-06	1.50E-04
4347	482363.09, 3857377.25	0.08874	0.10995	0.00798	0.01255	3.78E-04	0.00E+00	6.79E-07	1.08E-06	3.80E-04	1.78E-04	3.46E-03	5.09E-05	3.96E-05	3.73E-03	1.69E-04	0.00E+00	6.79E-07	1.08E-06	1.71E-04
4348	482863.09, 3857377.25	0.10147	0.16035	0.00882	0.01491	4.32E-04	0.00E+00	7.50E-07	1.28E-06	4.34E-04	2.04E-04	5.05E-03	5.63E-05	4.71E-05	5.36E-03	1.94E-04	0.00E+00	7.50E-07	1.28E-06	1.96E-04
4349	483363.09, 3857377.25	0.12175	0.22753	0.00981	0.0185	5.18E-04	0.00E+00	8.34E-07	1.59E-06	5.21E-04	2.45E-04	7.17E-03	6.26E-05	5.84E-05	7.53E-03	2.33E-04	0.00E+00	8.34E-07	1.59E-06	2.35E-04
4350	483863.09, 3857377.25	0.14859	0.33981	0.01112	0.0217	6.33E-04	0.00E+00	9.46E-07	1.87E-06	6.36E-04	2.98E-04	1.07E-02	7.09E-05	6.85E-05	1.11E-02	2.84E-04	0.00E+00	9.46E-07	1.87E-06	2.87E-04
4351	484363.09, 3857377.25	0.18133	0.54735	0.01275	0.02071	7.72E-04	0.00E+00	1.08E-06	1.78E-06	7.75E-04	3.64E-04	1.72E-02	8.13E-05	6.54E-05	1.78E-02	3.46E-04	0.00E+00	1.08E-06	1.78E-06	3.49E-04
4352	484863.09, 3857377.25	0.2214	0.98122	0.01482	0.02152	9.43E-04	0.00E+00	1.26E-06	1.85E-06	9.46E-04	4.45E-04	3.09E-02	9.45E-05	6.79E-05	3.15E-02	4.23E-04	0.00E+00	1.26E-06	1.85E-06	4.26E-04
4353	485363.09, 3857377.25	0.27526	2.39719	0.01718	0.02244	1.17E-03	0.00E+00	1.46E-06	1.93E-06	1.18E-03	5.53E-04	7.55E-02	1.10E-04	7.09E-05	7.62E-02	5.26E-04	0.00E+00	1.46E-06	1.93E-06	5.29E-04
4354	485863.09, 3857377.25	0.35559	1.38408	0.01955	0.02428	1.51E-03	0.00E+00	1.66E-06	2.09E-06	1.52E-03	7.14E-04	4.36E-02	1.25E-04	7.67E-05	4.45E-02	6.79E-04	0.00E+00	1.66E-06	2.09E-06	6.83E-04
4355	486363.09, 3857377.25	0.53184	0.61542	0.02193	0.02529	2.26E-03	0.00E+00	1.87E-06	2.18E-06	2.27E-03	1.07E-03	1.94E-02	1.40E-04	7.98E-05	2.07E-02	1.02E-03	0.00E+00	1.87E-06	2.18E-06	1.02E-03
4356	486863.09, 3857377.25	0.81314	0.35468	0.02254	0.02606	3.46E-03	0.00E+00	1.92E-06	2.24E-06	3.47E-03	1.63E-03	1.12E-02	1.44E-04	8.23E-05	1.30E-02	1.55E-03	0.00E+00	1.92E-06	2.24E-06	1.56E-03
4357	487363.09, 3857377.25	0.84351	0.31342	0.02983	0.02667	3.59E-03	0.00E+00	2.54E-06	2.30E-06	3.60E-03	1.69E-03	9.87E-03	1.90E-04	8.42E-05	1.18E-02	1.61E-03	0.00E+00	2.54E-06	2.30E-06	1.62E-03
4358	487863.09, 3857377.25	0.71923	0.2883	0.05396	0.02869	3.06E-03	0.00E+00	4.59E-06	2.47E-06	3.07E-03	1.44E-03	9.08E-03	3.44E-04	9.06E-05	1.10E-02	1.37E-03	0.00E+00	4.59E-06	2.47E-06	1.38E-03
4359	488363.09, 3857377.25	0.59167	0.26124	0.05984	0.02911	2.52E-03	0.00E+00	5.09E-06	2.51E-06	2.53E-03	1.19E-03	8.23E-03	3.82E-04	9.19E-05	9.89E-03	1.13E-03	0.00E+00	5.09E-06	2.51E-06	1.14E-03
4360	488863.09, 3857377.25	0.48903	0.23845	0.19765	0.02972	2.08E-03	0.00E+00	1.68E-05	2.56E-06	2.10E-03	9.82E-04	7.51E-03	1.26E-03	9.38E-05	9.85E-03	9.34E-04	0.00E+00	1.68E-05	2.56E-06	9.53E-04
4361	489363.09, 3857377.25	0.41285	0.218	0.27356	0.02971	1.76E-03	0.00E+00	2.33E-05	2.56E-06	1.78E-03	8.29E-04	6.87E-03	1.74E-03	9.38E-05	9.53E-03	7.89E-04	0.00E+00	2.33E-05	2.56E-06	8.14E-04
4362	489863.09, 3857377.25	0.35672	0.19669	0.24669	0.02954	1.52E-03	0.00E+00	2.10E-05	2.54E-06	1.54E-03	7.16E-04	6.20E-03	1.57E-03	9.33E-05	8.58E-03	6.81E-04	0.00E+00	2.10E-05	2.54E-06	7.05E-04

4363	490363.09, 3857377.25	0.3109	0.17753	0.21443	0.02963	1.32E-03	0.00E+00	1.82E-05	2.55E-06	1.34E-03	6.24E-04	5.59E-03	1.37E-03	9.36E-05	7.68E-03	5.94E-04	0.00E+00	1.82E-05	2.55E-06	6.15E-04
4364	490863.09, 3857377.25	0.27302	0.16234	0.19114	0.02994	1.16E-03	0.00E+00	1.63E-05	2.58E-06	1.18E-03	5.48E-04	5.11E-03	1.22E-03	9.45E-05	6.98E-03	5.21E-04	0.00E+00	1.63E-05	2.58E-06	5.40E-04
4365	491363.09, 3857377.25	0.24161	0.14999	0.1721	0.02975	1.03E-03	0.00E+00	1.46E-05	2.56E-06	1.05E-03	4.85E-04	4.72E-03	1.10E-03	9.39E-05	6.40E-03	4.61E-04	0.00E+00	1.46E-05	2.56E-06	4.79E-04
4366	491863.09, 3857377.25	0.21387	0.13084	0.15828	0.02994	9.11E-04	0.00E+00	1.35E-05	2.58E-06	9.27E-04	4.30E-04	4.12E-03	1.01E-03	9.45E-05	5.66E-03	4.08E-04	0.00E+00	1.35E-05	2.58E-06	4.25E-04
4367	492363.09, 3857377.25	0.17002	0.09412	0.14796	0.02958	7.24E-04	0.00E+00	1.26E-05	2.55E-06	7.39E-04	3.41E-04	2.96E-03	9.44E-04	9.34E-05	4.34E-03	3.25E-04	0.00E+00	1.26E-05	2.55E-06	3.40E-04
4368	492863.09, 3857377.25	0.11692	0.06945	0.11213	0.02573	4.98E-04	0.00E+00	9.54E-06	2.22E-06	5.10E-04	2.35E-04	2.19E-03	7.15E-04	8.12E-05	3.22E-03	2.23E-04	0.00E+00	9.54E-06	2.22E-06	2.35E-04
4369	493363.09, 3857377.25	0.07776	0.05239	0.08414	0.02309	3.31E-04	0.00E+00	7.16E-06	1.99E-06	3.40E-04	1.56E-04	1.65E-03	5.37E-04	7.29E-05	2.42E-03	1.49E-04	0.00E+00	7.16E-06	1.99E-06	1.58E-04
4370	493863.09, 3857377.25	0.06257	0.04555	0.0721	0.022	2.66E-04	0.00E+00	6.13E-06	1.89E-06	2.74E-04	1.26E-04	1.43E-03	4.60E-04	6.95E-05	2.09E-03	1.20E-04	0.00E+00	6.13E-06	1.89E-06	1.28E-04
4371	494363.09, 3857377.25	0.04921	0.0389	0.06237	0.02087	2.10E-04	0.00E+00	5.30E-06	1.80E-06	2.17E-04	9.88E-05	1.23E-03	3.98E-04	6.59E-05	1.79E-03	9.40E-05	0.00E+00	5.30E-06	1.80E-06	1.01E-04
4372	494863.09, 3857377.25	0.04313	0.03563	0.05607	0.02007	1.84E-04	0.00E+00	4.77E-06	1.73E-06	1.90E-04	8.66E-05	1.12E-03	3.58E-04	6.34E-05	1.63E-03	8.24E-05	0.00E+00	4.77E-06	1.73E-06	8.89E-05
4373	495363.09, 3857377.25	0.03869	0.03301	0.0511	0.0193	1.65E-04	0.00E+00	4.35E-06	1.66E-06	1.71E-04	7.77E-05	1.04E-03	3.26E-04	6.09E-05	1.50E-03	7.39E-05	0.00E+00	4.35E-06	1.66E-06	7.99E-05
4374	495863.09, 3857377.25	0.03702	0.03196	0.04784	0.0188	1.58E-04	0.00E+00	4.07E-06	1.62E-06	1.63E-04	7.44E-05	1.01E-03	3.05E-04	5.94E-05	1.45E-03	7.07E-05	0.00E+00	4.07E-06	1.62E-06	7.64E-05
4375	496363.09, 3857377.25	0.03615	0.03132	0.04484	0.01826	1.54E-04	0.00E+00	3.81E-06	1.57E-06	1.59E-04	7.26E-05	9.87E-04	2.86E-04	5.77E-05	1.40E-03	6.90E-05	0.00E+00	3.81E-06	1.57E-06	7.44E-05
4376	496863.09, 3857377.25	0.03574	0.03097	0.04265	0.01781	1.52E-04	0.00E+00	3.63E-06	1.53E-06	1.57E-04	7.18E-05	9.76E-04	2.72E-04	5.62E-05	1.38E-03	6.83E-05	0.00E+00	3.63E-06	1.53E-06	7.34E-05
4377	497363.09, 3857377.25	0.0375	0.03189	0.04165	0.01759	1.60E-04	0.00E+00	3.54E-06	1.51E-06	1.65E-04	7.53E-05	1.00E-03	2.66E-04	5.55E-05	1.40E-03	7.16E-05	0.00E+00	3.54E-06	1.51E-06	7.67E-05
4378	497863.09, 3857377.25	0.04045	0.03363	0.04115	0.01746	1.72E-04	0.00E+00	3.50E-06	1.50E-06	1.77E-04	8.12E-05	1.06E-03	2.62E-04	5.51E-05	1.46E-03	7.73E-05	0.00E+00	3.50E-06	1.50E-06	8.23E-05
4379	498363.09, 3857377.25	0.04936	0.03923	0.04307	0.0178	2.10E-04	0.00E+00	3.66E-06	1.53E-06	2.15E-04	9.91E-05	1.24E-03	2.75E-04	5.62E-05	1.67E-03	9.43E-05	0.00E+00	3.66E-06	1.53E-06	9.95E-05
4380	471363.09, 3857877.25	0.00935	0.00669	0.00341	0.00337	3.98E-05	0.00E+00	2.90E-07	2.90E-07	4.04E-05	1.88E-05	2.11E-04	2.18E-05	1.06E-05	2.62E-04	1.79E-05	0.00E+00	2.90E-07	2.90E-07	1.84E-05
4381	471863.09, 3857877.25	0.00975	0.00684	0.00351	0.00348	4.15E-05	0.00E+00	2.99E-07	3.00E-07	4.21E-05	1.96E-05	2.15E-04	2.24E-05	1.10E-05	2.68E-04	1.86E-05	0.00E+00	2.99E-07	3.00E-07	1.92E-05
4382	472363.09, 3857877.25	0.0103	0.00719	0.00364	0.00362	4.39E-05	0.00E+00	3.10E-07	3.12E-07	4.45E-05	2.07E-05	2.26E-04	2.32E-05	1.14E-05	2.82E-04	1.97E-05	0.00E+00	3.10E-07	3.12E-07	2.03E-05
4383	472863.09, 3857877.25	0.01113	0.00792	0.00377	0.0038	4.74E-05	0.00E+00	3.21E-07	3.27E-07	4.80E-05	2.24E-05	2.49E-04	2.40E-05	1.20E-05	3.08E-04	2.13E-05	0.00E+00	3.21E-07	3.27E-07	2.19E-05
4384	473363.09, 3857877.25	0.01181	0.00836	0.0039	0.00396	5.03E-05	0.00E+00	3.32E-07	3.41E-07	5.10E-05	2.37E-05	2.63E-04	2.49E-05	1.25E-05	3.24E-04	2.26E-05	0.00E+00	3.32E-07	3.41E-07	2.32E-05
4385	473863.09, 3857877.25	0.01275	0.00919	0.00403	0.00416	5.43E-05	0.00E+00	3.43E-07	3.58E-07	5.50E-05	2.56E-05	2.89E-04	2.57E-05	1.31E-05	3.54E-04	2.44E-05	0.00E+00	3.43E-07	3.58E-07	2.51E-05
4386	474363.09, 3857877.25	0.01241	0.00795	0.00447	0.00464	5.28E-05	0.00E+00	3.80E-07	4.00E-07	5.36E-05	2.49E-05	2.50E-04	2.85E-05	1.47E-05	3.19E-04	2.37E-05	0.00E+00	3.80E-07	4.00E-07	2.45E-05
4387	474863.09, 3857877.25	0.00967	0.00585	0.00397	0.0041	4.12E-05	0.00E+00	3.38E-07	3.53E-07	4.19E-05	1.94E-05	1.84E-04	2.53E-05	1.29E-05	2.42E-04	1.85E-05	0.00E+00	3.38E-07	3.53E-07	1.92E-05
4388	475363.09, 3857877.25	0.0053	0.00404	0.00328	0.00386	2.26E-05	0.00E+00	2.79E-07	3.32E-07	2.32E-05	1.06E-05	1.27E-04	2.09E-05	1.22E-05	1.71E-04	1.01E-05	0.00E+00	2.79E-07	3.32E-07	1.07E-05
4389	475863.09, 3857877.25	0.00239	0.00265	0.00291	0.00377	1.02E-05	0.00E+00	2.47E-07	3.25E-07	1.08E-05	4.80E-06	8.35E-05	1.86E-05	1.19E-05	1.19E-04	4.56E-06	0.00E+00	2.47E-07	3.25E-07	5.14E-06
4390	476363.09, 3857877.25	0.00613	0.00458	0.00357	0.00432	2.61E-05	0.00E+00	3.04E-07	3.72E-07	2.68E-05	1.23E-05	1.44E-04	2.28E-05	1.36E-05	1.93E-04	1.17E-05	0.00E+00	3.04E-07	3.72E-07	1.24E-05
4391	476863.09, 3857877.25	0.00782	0.00538	0.00396	0.00463	3.33E-05	0.00E+00	3.37E-07	3.99E-07	3.40E-05	1.57E-05	1.69E-04	2.53E-05	1.46E-05	2.25E-04	1.49E-05	0.00E+00	3.37E-07	3.99E-07	1.57E-05
4392	477363.09, 3857877.25	0.00775	0.00548	0.00411	0.00493	3.30E-05	0.00E+00	3.50E-07	4.25E-07	3.38E-05	1.56E-05	1.73E-04	2.62E-05	1.56E-05	2.30E-04	1.48E-05	0.00E+00	3.50E-07	4.25E-07	1.56E-05
4393	477863.09, 3857877.25	0.00739	0.00556	0.0042	0.00526	3.15E-05	0.00E+00	3.57E-07	4.53E-07	3.23E-05	1.48E-05	1.75E-04	2.68E-05	1.66E-05	2.33E-04	1.41E-05	0.00E+00	3.57E-07	4.53E-07	1.49E-05
4394	478363.09, 3857877.25	0.00386	0.00415	0.00394	0.00541	1.64E-05	0.00E+00	3.35E-07	4.66E-07	1.72E-05	7.75E-06	1.31E-04	2.51E-05	1.71E-05	1.81E-04	7.37E-06	0.00E+00	3.35E-07	4.66E-07	8.17E-06
4395	478863.09, 3857877.25	0.00313	0.00384	0.00383	0.00555	1.33E-05	0.00E+00	3.26E-07	4.78E-07	1.41E-05	6.29E-06	1.21E-04	2.44E-05	1.75E-05	1.69E-04	5.98E-06	0.00E+00	3.26E-07	4.78E-07	6.78E-06
4396	479363.09, 3857877.25	0.01949	0.0105	0.00646	0.00759	8.30E-05	0.00E+00	5.49E-07	6.54E-07	8.42E-05	3.91E-05	3.31E-04	4.12E-05	2.40E-05	4.35E-04	3.72E-05	0.00E+00	5.49E-07	6.54E-07	3.84E-05
4397	479863.09, 3857877.25	0.03842	0.02036	0.00736	0.00933	1.64E-04	0.00E+00	6.26E-07	8.03E-07	1.65E-04	7.72E-05	6.41E-04	4.69E-05	2.95E-05	7.95E-04	7.34E-05	0.00E+00	6.26E-07	8.03E-07	7.48E-05
4398	480363.09, 3857877.25	0.04627	0.02873	0.00714	0.00913	1.97E-04	0.00E+00	6.07E-07	7.86E-07	1.98E-04	9.29E-05	9.05E-04	4.55E-05	2.88E-05	1.07E-03	8.84E-05	0.00E+00	6.07E-07	7.86E-07	8.98E-05
4399	480863.09, 3857877.25	0.05217	0.03352	0.00735	0.0093	2.22E-04	0.00E+00	6.25E-07	8.01E-07	2.24E-04	1.05E-04	1.06E-03	4.69E-05	2.94E-05	1.24E-03	9.96E-05	0.00E+00	6.25E-07	8.01E-07	1.01E-04
4400	481363.09, 3857877.25	0.05963	0.03927	0.00776	0.0102	2.54E-04	0.00E+00	6.60E-07	8.78E-07	2.55E-04	1.20E-04	1.24E-03	4.95E-05	3.22E-05	1.44E-03	1.14E-04	0.00E+00	6.60E-07	8.78E-07	1.15E-04
4401	481863.09, 3857877.25	0.06889	0.04963	0.00811	0.01073	2.93E-04	0.00E+00	6.90E-07	9.24E-07	2.95E-04	1.38E-04	1.56E-03	5.17E-05	3.39E-05	1.79E-03	1.32E-04	0.00E+00	6.90E-07	9.24E-07	1.33E-04
4402	482363.09, 3857877.25	0.08034	0.07974	0.00834	0.0113	3.42E-04	0.00E+00	7.09E-07	9.73E-07	3.44E-04	1.61E-04	2.51E-03	5.32E-05	3.57E-05	2.76E-03	1.53E-04	0.00E+00	7.09E-07	9.73E-07	1.55E-04
4403	482863.09, 3857877.25	0.08738	0.12634	0.00896	0.01327	3.72E-04	0.00E+00	7.62E-07	1.14E-06	3.74E-04	1.76E-04	3.98E-03	5.72E-05	4.19E-05	4.25E-03	1.67E-04	0.00E+00	7.62E-07	1.14E-06	1.69E-04
4404	483363.09, 3857877.25	0.10197	0.15492	0.00977	0.0145	4.34E-04	0.00E+00	8.31E-07	1.25E-06	4.36E-04	2.05E-04	4.88E-03	6.23E-05	4.58E-05	5.19E-03	1.95E-04	0.00E+00	8.31E-07	1.25E-06	1.97E-04
4405	483863.09, 3857877.25	0.11884	0.19001	0.01084	0.01428	5.06E-04	0.00E+00	9.22E-07	1.23E-06	5.08E-04	2.39E-04	5.99E-03	6.91E-05	4.51E-05	6.34E-03	2.27E-04	0.00E+00	9.22E-07	1.23E-06	2.29E-04
4406	484363.09, 3857877.25	0.13798	0.23004	0.01218	0.01514	5.88E-04	0.00E+00	1.04E-06	1.30E-06	5.90E-04	2.77E-04	7.25E-03	7.77E-05	4.78E-05	7.65E-03	2.64E-04	0.00E+00	1.04E-06	1.30E-06	2.66E-04
4407	484863.09, 3857877.25	0.15809	0.2891	0.01397	0.0162	6.73E-04	0.00E+00	1.19E-06	1.39E-06	6.76E-04	3.18E-04	9.11E-03	8.91E-05	5.11E-05	9.56E-03	3.02E-04	0.00E+00	1.19E-06	1.39E-06	3.05E-04
4408	485363.09, 3857877.25	0.17794	0.37408	0.01636	0.01836	7.58E-04	0.00E+00	1.39E-06	1.58E-06	7.61E-04	3.57E-04	1.18E-02	1.04E-04	5.80E-05	1.23E-02	3.40E-04	0.00E+00	1.39E-06	1.58E-06	3.43E-04
4409	485863.09, 3857877.25	0.19959	0.56499	0.01992	0.02215	8.50E-04	0.00E+00	1.69E-06	1.91E-06	8.54E-04	4.01E-04	1.78E-02	1.27E-04	6.99E-05	1.84E-02	3.81E-04	0.00E+00	1.69E-06	1.91E-06	3.85E-04
4410	486363.09, 3857877.25	0.21987	1.91625	0.02577	0.02959	9.36E-04	0.00E+00	2.19E-06	2.55E-06	9.41E-04	4.42E-04	6.04E-02	1.64E-04	9.34E-05	6.11E-02	4.20E-04	0.00E+00	2.19E-06	2.55E-06	4.25E-04
4411	486863.09, 3857877.25	0.22559	0.71285	0.03747	0.03491	9.61E-04	0.00E+00	3.19E-06	3.01E-06	9.67E-04	4.53E-04	2.25E-02	2.39E-04	1.10E-04	2.33E-02	4.31E-04	0.00E+00	3.19E-06	3.01E-06	4.37E-04
4412	487363.09, 3857877.25	0.25985	0.49024	0.07199	0.05429	1.11E-03	0.00E+00	6.12E-06	4.67E-06	1.12E-03	5.22E-04	1.54E-02	4.59E-04	1.71E-04	1.66E-02	4.96E-04	0.00E+00	6.12E-06	4.67E-06	5.07E-04
4413	487863.09, 3857877.25	0.27309	0.39659	0.1951	0.04731	1.16E-03	0.00E+00	1.66E-05	4.07E-06	1.18E-03	5.49E-04	1.25E-02	1.24E-03	1.49E-04	1.44E-02	5.22E-04	0.00E+00	1.66E-05	4.07E-06	5.42E-04
4414	488363.09, 3857877.25	0.26864	0.35248	2.7017	0.04462	1.14E-03	0.00E+00	2.30E-04	3.84E-06	1.38E-03	5.40E-04	1.11E-02	1.72E-02	1.41E-04	2.90E-02	5.13E-04	0.00E+00	2.30E-04	3.84E-06	7.47E-04
4415	488863.09, 3857877.25	0.26913	0.31682	1.1797	0.0424	1.15E-03	0.00E+00	1.00E-04	3.65E-06	1.25E-03	5.41E-04	9.98E-03	7.52E-03	1.34E-04	1.82E-02	5.14E-04	0.00E+00	1.00E-04	3.65E-06	6.18E-04
4416	489363.09, 3857877.25	0.25971	0.28069	0.56476	0.03908	1.11E-03	0.00E+00	4.80E-05	3.37E-06	1.16E-03	5.22E-04	8.84E-03	3.60E-03	1.23E-04	1.31E-02	4.96E-04	0.00E+00	4.80E-05	3.37E-06	5.47E-04
4417	489863.09, 3857877.25	0.24313	0.2499	0.354	0.03681	1.04E-03	0.00E+00	3.01E-05	3.17E-06	1.07E-03	4.88E-04	7.87E-03	2.26E-03	1.16E-04	1.07E-02	4.64E-04	0.00E+00	3.01E-05	3.17E-06	4.98E-04
4418	490363.09, 3857877.25	0.22387	0.22842	0.25678	0.03609	9.53E-04	0.00E+00	2.18E-05	3.11E-06	9.78E-04	4.50E-04	7.20E-03	1.64E-03	1.14E-04	9.40E-03	4.28E-04	0.00E+00	2.18E-05	3.11E-06	4.53E-04
4419	490863.09, 3857877.25	0.20613	0.20914	0.20177	0.03532	8.78E-04	0.00E+00	1.72E-05	3.04E-06	8.98E-04	4.14E-04	6.59E-03	1.29E-03	1.12E-04	8.40E-03	3.94E-04	0.00E+00	1.72E-05	3.04E-06	4.14E-04
4420	491363.09, 3857877.25	0.18922	0.17788	0.168	0.03509	8.06E-04	0.00E+00	1.43E-05	3.02E-06	8.23E-04	3.80E-04	5.60E-03	1.07E-03	1.11E-04	7.17E-03	3.61E-04	0.00E+00	1.43E-05	3.02E-06	3.79E-04
4421	491863.09, 3857877.25	0.16937	0.14321	0.14624	0.03524	7.21E-04	0.00E+00	1.24E-05	3.03E-06	7.37E-04	3.40E-04	4.51E-03	9.33E-04	1.11E-04	5.90E-03	3.23E-04	0.00E+00	1.24E-05	3.03E-06	3.39E-04

4422	492363.09, 3857877.25	0.12697	0.09917	0.12147	0.03187	5.41E-04	0.00E+00	1.03E-05	2.74E-06	5.54E-04	2.55E-04	3.12E-03	7.75E-04	1.01E-04	4.25E-03	2.43E-04	0.00E+00	1.03E-05	2.74E-06	2.56E-04
4423	492863.09, 3857877.25	0.08475	0.07248	0.08817	0.02722	3.61E-04	0.00E+00	7.50E-06	2.34E-06	3.71E-04	1.70E-04	2.28E-03	5.62E-04	8.59E-05	3.10E-03	1.62E-04	0.00E+00	7.50E-06	2.34E-06	1.72E-04
4424	493363.09, 3857877.25	0.06888	0.06187	0.07311	0.02528	2.93E-04	0.00E+00	6.22E-06	2.18E-06	3.02E-04	1.38E-04	1.95E-03	4.66E-04	7.98E-05	2.63E-03	1.32E-04	0.00E+00	6.22E-06	2.18E-06	1.40E-04
4425	493863.09, 3857877.25	0.06069	0.05589	0.06419	0.02396	2.58E-04	0.00E+00	5.46E-06	2.06E-06	2.66E-04	1.22E-04	1.76E-03	4.09E-04	7.57E-05	2.37E-03	1.16E-04	0.00E+00	5.46E-06	2.06E-06	1.23E-04
4426	494363.09, 3857877.25	0.05496	0.05134	0.05746	0.02274	2.34E-04	0.00E+00	4.89E-06	1.96E-06	2.41E-04	1.10E-04	1.62E-03	3.67E-04	7.18E-05	2.17E-03	1.05E-04	0.00E+00	4.89E-06	1.96E-06	1.12E-04
4427	494863.09, 3857877.25	0.04621	0.04479	0.05078	0.02151	1.97E-04	0.00E+00	4.32E-06	1.85E-06	2.03E-04	9.28E-05	1.41E-03	3.24E-04	6.79E-05	1.90E-03	8.83E-05	0.00E+00	4.32E-06	1.85E-06	9.44E-05
4428	495363.09, 3857877.25	0.04308	0.04193	0.04679	0.02057	1.83E-04	0.00E+00	3.98E-06	1.77E-06	1.89E-04	8.65E-05	1.32E-03	2.98E-04	6.49E-05	1.77E-03	8.23E-05	0.00E+00	3.98E-06	1.77E-06	8.80E-05
4429	495863.09, 3857877.25	0.04043	0.03939	0.0433	0.0197	1.72E-04	0.00E+00	3.68E-06	1.70E-06	1.78E-04	8.12E-05	1.24E-03	2.76E-04	6.22E-05	1.66E-03	7.72E-05	0.00E+00	3.68E-06	1.70E-06	8.26E-05
4430	496363.09, 3857877.25	0.0406	0.03878	0.04133	0.0191	1.73E-04	0.00E+00	3.51E-06	1.64E-06	1.78E-04	8.15E-05	1.22E-03	2.64E-04	6.03E-05	1.63E-03	7.75E-05	0.00E+00	3.51E-06	1.64E-06	8.27E-05
4431	496863.09, 3857877.25	0.04038	0.03814	0.03957	0.01858	1.72E-04	0.00E+00	3.37E-06	1.60E-06	1.77E-04	8.11E-05	1.20E-03	2.52E-04	5.87E-05	1.59E-03	7.71E-05	0.00E+00	3.37E-06	1.60E-06	8.21E-05
4432	497363.09, 3857877.25	0.03957	0.03712	0.03772	0.01797	1.69E-04	0.00E+00	3.21E-06	1.55E-06	1.73E-04	7.95E-05	1.17E-03	2.41E-04	5.67E-05	1.55E-03	7.56E-05	0.00E+00	3.21E-06	1.55E-06	8.03E-05
4433	497863.09, 3857877.25	0.04515	0.04061	0.03835	0.01797	1.92E-04	0.00E+00	3.26E-06	1.55E-06	1.97E-04	9.07E-05	1.28E-03	2.45E-04	5.67E-05	1.67E-03	8.62E-05	0.00E+00	3.26E-06	1.55E-06	9.10E-05
4434	498363.09, 3857877.25	0.05079	0.0444	0.03912	0.01811	2.16E-04	0.00E+00	3.33E-06	1.56E-06	2.21E-04	1.02E-04	1.40E-03	2.50E-04	5.72E-05	1.81E-03	9.70E-05	0.00E+00	3.33E-06	1.56E-06	1.02E-04
4435	471363.09, 3858377.25	0.00948	0.00721	0.00325	0.00332	4.04E-05	0.00E+00	2.76E-07	2.86E-07	4.09E-05	1.90E-05	2.27E-04	2.07E-05	1.05E-05	2.77E-04	1.81E-05	0.00E+00	2.76E-07	2.86E-07	1.87E-05
4436	471863.09, 3858377.25	0.00988	0.00737	0.00335	0.00345	4.21E-05	0.00E+00	2.85E-07	2.97E-07	4.27E-05	1.98E-05	2.32E-04	2.14E-05	1.09E-05	2.84E-04	1.89E-05	0.00E+00	2.85E-07	2.97E-07	1.95E-05
4437	472363.09, 3858377.25	0.01034	0.00756	0.00346	0.0036	4.40E-05	0.00E+00	2.94E-07	3.10E-07	4.46E-05	2.08E-05	2.38E-04	2.21E-05	1.14E-05	2.92E-04	1.97E-05	0.00E+00	2.94E-07	3.10E-07	2.04E-05
4438	472863.09, 3858377.25	0.01104	0.00811	0.00359	0.0038	4.70E-05	0.00E+00	3.05E-07	3.27E-07	4.76E-05	2.22E-05	2.55E-04	2.29E-05	1.20E-05	3.13E-04	2.11E-05	0.00E+00	3.05E-07	3.27E-07	2.17E-05
4439	473363.09, 3858377.25	0.01214	0.00952	0.00373	0.00399	5.17E-05	0.00E+00	3.17E-07	3.44E-07	5.24E-05	2.44E-05	3.00E-04	2.38E-05	1.26E-05	3.61E-04	2.32E-05	0.00E+00	3.17E-07	3.44E-07	2.38E-05
4440	473863.09, 3858377.25	0.0126	0.0092	0.00387	0.00421	5.37E-05	0.00E+00	3.29E-07	3.63E-07	5.44E-05	2.53E-05	2.90E-04	2.47E-05	1.33E-05	3.53E-04	2.41E-05	0.00E+00	3.29E-07	3.63E-07	2.48E-05
4441	474363.09, 3858377.25	0.01191	0.00754	0.00393	0.00423	5.07E-05	0.00E+00	3.34E-07	3.64E-07	5.14E-05	2.39E-05	2.38E-04	2.51E-05	1.34E-05	3.00E-04	2.27E-05	0.00E+00	3.34E-07	3.64E-07	2.34E-05
4442	474863.09, 3858377.25	0.00998	0.0059	0.00394	0.00418	4.25E-05	0.00E+00	3.35E-07	3.60E-07	4.32E-05	2.00E-05	1.86E-04	2.51E-05	1.32E-05	2.44E-04	1.91E-05	0.00E+00	3.35E-07	3.60E-07	1.98E-05
4443	475363.09, 3858377.25	0.00664	0.00442	0.00365	0.00388	2.83E-05	0.00E+00	3.10E-07	3.34E-07	2.89E-05	1.33E-05	1.39E-04	2.33E-05	1.23E-05	1.88E-04	1.27E-05	0.00E+00	3.10E-07	3.34E-07	1.33E-05
4444	475863.09, 3858377.25	0.00463	0.00374	0.00352	0.00399	1.97E-05	0.00E+00	2.99E-07	3.44E-07	2.04E-05	9.30E-06	1.18E-04	2.25E-05	1.26E-05	1.62E-04	8.84E-06	0.00E+00	2.99E-07	3.44E-07	9.49E-06
4445	476363.09, 3858377.25	0.00509	0.00405	0.00368	0.00423	2.17E-05	0.00E+00	3.13E-07	3.64E-07	2.24E-05	1.02E-05	1.28E-04	2.35E-05	1.34E-05	1.75E-04	9.72E-06	0.00E+00	3.13E-07	3.64E-07	1.04E-05
4446	476863.09, 3858377.25	0.0056	0.00442	0.00388	0.00451	2.38E-05	0.00E+00	3.30E-07	3.88E-07	2.46E-05	1.12E-05	1.39E-04	2.47E-05	1.42E-05	1.89E-04	1.07E-05	0.00E+00	3.30E-07	3.88E-07	1.14E-05
4447	477363.09, 3858377.25	0.00531	0.00442	0.00401	0.00476	2.26E-05	0.00E+00	3.41E-07	4.10E-07	2.34E-05	1.07E-05	1.39E-04	2.56E-05	1.50E-05	1.91E-04	1.01E-05	0.00E+00	3.41E-07	4.10E-07	1.09E-05
4448	477863.09, 3858377.25	0.00747	0.00545	0.00443	0.00516	3.18E-05	0.00E+00	3.77E-07	4.44E-07	3.26E-05	1.50E-05	1.72E-04	2.83E-05	1.63E-05	2.31E-04	1.43E-05	0.00E+00	3.77E-07	4.44E-07	1.51E-05
4449	478363.09, 3858377.25	0.00829	0.00591	0.00467	0.00547	3.53E-05	0.00E+00	3.97E-07	4.71E-07	3.62E-05	1.67E-05	1.86E-04	2.98E-05	1.73E-05	2.50E-04	1.58E-05	0.00E+00	3.97E-07	4.71E-07	1.67E-05
4450	478863.09, 3858377.25	0.00536	0.00487	0.00448	0.00556	2.28E-05	0.00E+00	3.81E-07	4.79E-07	2.37E-05	1.08E-05	1.53E-04	2.86E-05	1.76E-05	2.10E-04	1.02E-05	0.00E+00	3.81E-07	4.79E-07	1.11E-05
4451	479363.09, 3858377.25	0.0209	0.01075	0.00681	0.00729	8.90E-05	0.00E+00	5.79E-07	6.28E-07	9.02E-05	4.20E-05	3.39E-04	4.34E-05	2.30E-05	4.47E-04	3.99E-05	0.00E+00	5.79E-07	6.28E-07	4.11E-05
4452	479863.09, 3858377.25	0.03734	0.02256	0.00748	0.00822	1.59E-04	0.00E+00	6.36E-07	7.08E-07	1.60E-04	7.50E-05	7.11E-04	4.77E-05	2.60E-05	8.59E-04	7.13E-05	0.00E+00	6.36E-07	7.08E-07	7.27E-05
4453	480363.09, 3858377.25	0.0433	0.03143	0.0075	0.00822	1.84E-04	0.00E+00	6.38E-07	7.08E-07	1.86E-04	8.70E-05	9.90E-04	4.78E-05	2.60E-05	1.15E-03	8.27E-05	0.00E+00	6.38E-07	7.08E-07	8.40E-05
4454	480863.09, 3858377.25	0.04832	0.03517	0.00789	0.00858	2.06E-04	0.00E+00	6.71E-07	7.39E-07	2.07E-04	9.71E-05	1.11E-03	5.03E-05	2.71E-05	1.28E-03	9.23E-05	0.00E+00	6.71E-07	7.39E-07	9.37E-05
4455	481363.09, 3858377.25	0.05424	0.04143	0.00837	0.00906	2.31E-04	0.00E+00	7.12E-07	7.80E-07	2.32E-04	1.09E-04	1.31E-03	5.34E-05	2.86E-05	1.50E-03	1.04E-04	0.00E+00	7.12E-07	7.80E-07	1.05E-04
4456	481863.09, 3858377.25	0.06136	0.04593	0.00903	0.00959	2.61E-04	0.00E+00	7.68E-07	8.26E-07	2.63E-04	1.23E-04	1.45E-03	5.76E-05	3.03E-05	1.66E-03	1.17E-04	0.00E+00	7.68E-07	8.26E-07	1.19E-04
4457	482363.09, 3858377.25	0.07063	0.05663	0.00954	0.01046	3.01E-04	0.00E+00	8.11E-07	9.01E-07	3.03E-04	1.42E-04	1.78E-03	6.09E-05	3.30E-05	2.02E-03	1.35E-04	0.00E+00	8.11E-07	9.01E-07	1.37E-04
4458	482863.09, 3858377.25	0.08047	0.08656	0.00971	0.01119	3.43E-04	0.00E+00	8.26E-07	9.64E-07	3.44E-04	1.62E-04	2.73E-03	6.19E-05	3.53E-05	2.99E-03	1.54E-04	0.00E+00	8.26E-07	9.64E-07	1.55E-04
4459	483363.09, 3858377.25	0.08616	0.11936	0.01026	0.0113	3.67E-04	0.00E+00	8.73E-07	9.73E-07	3.69E-04	1.73E-04	3.76E-03	6.54E-05	3.57E-05	4.03E-03	1.65E-04	0.00E+00	8.73E-07	9.73E-07	1.66E-04
4460	483863.09, 3858377.25	0.09394	0.14055	0.01097	0.01194	4.00E-04	0.00E+00	9.33E-07	1.03E-06	4.02E-04	1.89E-04	4.43E-03	7.00E-05	3.77E-05	4.72E-03	1.79E-04	0.00E+00	9.33E-07	1.03E-06	1.81E-04
4461	484363.09, 3858377.25	0.10446	0.16439	0.01214	0.01341	4.45E-04	0.00E+00	1.03E-06	1.15E-06	4.47E-04	2.10E-04	5.18E-03	7.74E-05	4.23E-05	5.51E-03	2.00E-04	0.00E+00	1.03E-06	1.15E-06	2.02E-04
4462	484863.09, 3858377.25	0.11318	0.20016	0.01361	0.01479	4.82E-04	0.00E+00	1.16E-06	1.27E-06	4.84E-04	2.27E-04	6.31E-03	8.68E-05	4.67E-05	6.67E-03	2.16E-04	0.00E+00	1.16E-06	1.27E-06	2.19E-04
4463	485363.09, 3858377.25	0.12147	0.2603	0.01548	0.01776	5.17E-04	0.00E+00	1.32E-06	1.53E-06	5.20E-04	2.44E-04	8.20E-03	9.87E-05	5.61E-05	8.60E-03	2.32E-04	0.00E+00	1.32E-06	1.53E-06	2.35E-04
4464	485863.09, 3858377.25	0.13063	0.40522	0.01826	0.02463	5.56E-04	0.00E+00	1.55E-06	2.12E-06	5.60E-04	2.62E-04	1.28E-02	1.16E-04	7.78E-05	1.32E-02	2.49E-04	0.00E+00	1.55E-06	2.12E-06	2.53E-04
4465	486363.09, 3858377.25	0.13117	1.95867	0.02271	0.0505	5.59E-04	0.00E+00	1.93E-06	4.35E-06	5.65E-04	2.63E-04	6.17E-02	1.45E-04	1.59E-04	6.23E-02	2.51E-04	0.00E+00	1.93E-06	4.35E-06	2.57E-04
4466	486863.09, 3858377.25	0.12941	2.58156	0.03034	0.08378	5.51E-04	0.00E+00	2.58E-06	7.21E-06	5.61E-04	2.60E-04	8.13E-02	1.94E-04	2.65E-04	8.20E-02	2.47E-04	0.00E+00	2.58E-06	7.21E-06	2.57E-04
4467	487363.09, 3858377.25	0.13631	1.1939	0.04255	0.09502	5.80E-04	0.00E+00	3.62E-06	8.18E-06	5.92E-04	2.74E-04	3.76E-02	2.71E-04	3.00E-04	3.85E-02	2.60E-04	0.00E+00	3.62E-06	8.18E-06	2.72E-04
4468	487863.09, 3858377.25	0.1492	0.76136	0.05929	0.12016	6.35E-04	0.00E+00	5.04E-06	1.03E-05	6.51E-04	3.00E-04	2.40E-02	3.78E-04	3.79E-04	2.50E-02	2.85E-04	0.00E+00	5.04E-06	1.03E-05	3.00E-04
4469	488363.09, 3858377.25	0.15579	0.56377	0.08544	0.08626	6.63E-04	0.00E+00	7.27E-06	7.43E-06	6.78E-04	3.13E-04	1.78E-02	5.45E-04	2.72E-04	1.89E-02	2.98E-04	0.00E+00	7.27E-06	7.43E-06	3.12E-04
4470	488863.09, 3858377.25	0.14943	0.4554	0.19785	0.06318	6.36E-04	0.00E+00	1.68E-05	5.44E-06	6.59E-04	3.00E-04	1.43E-02	1.26E-03	1.99E-04	1.61E-02	2.85E-04	0.00E+00	1.68E-05	5.44E-06	3.08E-04
4471	489363.09, 3858377.25	0.15771	0.39438	0.1745	0.05371	6.72E-04	0.00E+00	1.48E-05	4.62E-06	6.91E-04	3.17E-04	1.24E-02	1.11E-03	1.70E-04	1.40E-02	3.01E-04	0.00E+00	1.48E-05	4.62E-06	3.21E-04
4472	489863.09, 3858377.25	0.1622	0.34967	0.14696	0.04946	6.91E-04	0.00E+00	1.25E-05	4.26E-06	7.08E-04	3.26E-04	1.10E-02	9.37E-04	1.56E-04	1.24E-02	3.10E-04	0.00E+00	1.25E-05	4.26E-06	3.27E-04
4473	490363.09, 3858377.25	0.15854	0.30957	0.1292	0.04621	6.75E-04	0.00E+00	1.10E-05	3.98E-06	6.90E-04	3.18E-04	9.75E-03	8.24E-04	1.46E-04	1.10E-02	3.03E-04	0.00E+00	1.10E-05	3.98E-06	3.18E-04
4474	490863.09, 3858377.25	0.15083	0.27275	0.11608	0.04345	6.42E-04	0.00E+00	9.87E-06	3.74E-06	6.56E-04	3.03E-04	8.59E-03	7.40E-04	1.37E-04	9.77E-03	2.88E-04	0.00E+00	9.87E-06	3.74E-06	3.02E-04
4475	491363.09, 3858377.25	0.14228	0.22003	0.1074	0.04177	6.06E-04	0.00E+00	9.13E-06	3.60E-06	6.19E-04	2.86E-04	6.93E-03	6.85E-04	1.32E-04	8.03E-03	2.72E-04	0.00E+00	9.13E-06	3.60E-06	2.84E-04
4476	491863.09, 3858377.25	0.12258	0.15142	0.10902	0.04045	5.22E-04	0.00E+00	9.27E-06	3.48E-06	5.35E-04	2.46E-04	4.77E-03	6.95E-04	1.28E-04	5.84E-03	2.34E-04	0.00E+00	9.27E-06	3.48E-06	2.47E-04
4477	492363.09, 3858377.25	0.08219	0.10031	0.08121	0.03283	3.50E-04	0.00E+00	6.91E-06	2.83E-06	3.60E-04	1.65E-04	3.16E-03	5.18E-04	1.04E-04	3.95E-03	1.57E-04	0.00E+00	6.91E-06	2.83E-06	1.67E-04
4478	492863.09, 3858377.25	0.08885	0.10141	0.08049	0.03209	3.78E-04	0.00E+00	6.85E-06	2.76E-06	3.88E-04	1.78E-04	3.19E-03	5.13E-04	1.01E-04	3.99E-03	1.70E-04	0.00E+00	6.85E-06	2.76E-06	1.79E-04
4479	493363.09, 3858377.25	0.07492	0.08575	0.0652	0.02874	3.19E-04	0.00E+00	5.55E-06	2.47E-06	3.27E-04	1.50E-04	2.70E-03	4.16E-04	9.07E-05	3.36E-03	1.43E-04	0.00E+00	5.55E-06	2.47E-06	1.51E-04
4480	493863.09, 3858377.25	0.06799	0.07663	0.05746	0.02661	2.90E-04	0.00E+00	4.89E-06	2.29E-06	2.97E-04	1.37E-04	2.41E-03	3.67E-04	8.40E-05	3.00E-03	1.30E-04	0.00E+00	4.89E-06	2.29E-06	1.37E-04

4481	494363.09, 3858377.25	0.06004	0.06733	0.05021	0.0246	2.56E-04	0.00E+00	4.27E-06	2.12E-06	2.62E-04	1.21E-04	2.12E-03	3.20E-04	7.77E-05	2.64E-03	1.15E-04	0.00E+00	4.27E-06	2.12E-06	1.21E-04
4482	494863.09, 3858377.25	0.05364	0.05989	0.0452	0.02294	2.28E-04	0.00E+00	3.84E-06	1.98E-06	2.34E-04	1.08E-04	1.89E-03	2.88E-04	7.24E-05	2.36E-03	1.02E-04	0.00E+00	3.84E-06	1.98E-06	1.08E-04
4483	495363.09, 3858377.25	0.0467	0.05237	0.04058	0.02128	1.99E-04	0.00E+00	3.45E-06	1.83E-06	2.04E-04	9.38E-05	1.65E-03	2.59E-04	6.72E-05	2.07E-03	8.92E-05	0.00E+00	3.45E-06	1.83E-06	9.45E-05
4484	495863.09, 3858377.25	0.04545	0.04969	0.03848	0.02031	1.94E-04	0.00E+00	3.27E-06	1.75E-06	1.99E-04	9.13E-05	1.57E-03	2.45E-04	6.41E-05	1.97E-03	8.68E-05	0.00E+00	3.27E-06	1.75E-06	9.18E-05
4485	496363.09, 3858377.25	0.04378	0.04688	0.03646	0.01936	1.86E-04	0.00E+00	3.10E-06	1.67E-06	1.91E-04	8.79E-05	1.48E-03	2.33E-04	6.11E-05	1.86E-03	8.36E-05	0.00E+00	3.10E-06	1.67E-06	8.84E-05
4486	496863.09, 3858377.25	0.04569	0.04708	0.03569	0.01887	1.95E-04	0.00E+00	3.04E-06	1.62E-06	1.99E-04	9.18E-05	1.48E-03	2.28E-04	5.96E-05	1.86E-03	8.73E-05	0.00E+00	3.04E-06	1.62E-06	9.19E-05
4487	497363.09, 3858377.25	0.04568	0.0459	0.03464	0.01828	1.95E-04	0.00E+00	2.95E-06	1.57E-06	1.99E-04	9.17E-05	1.45E-03	2.21E-04	5.77E-05	1.82E-03	8.72E-05	0.00E+00	2.95E-06	1.57E-06	9.18E-05
4488	497863.09, 3858377.25	0.04994	0.04857	0.035	0.01819	2.13E-04	0.00E+00	2.98E-06	1.57E-06	2.17E-04	1.00E-04	1.53E-03	2.23E-04	5.74E-05	1.91E-03	9.54E-05	0.00E+00	2.98E-06	1.57E-06	9.99E-05
4489	498363.09, 3858377.25	0.05512	0.05331	0.03646	0.01851	2.35E-04	0.00E+00	3.10E-06	1.59E-06	2.39E-04	1.11E-04	1.68E-03	2.33E-04	5.84E-05	2.08E-03	1.05E-04	0.00E+00	3.10E-06	1.59E-06	1.10E-04
4490	471363.09, 3858877.25	0.00926	0.00723	0.00367	0.00341	3.94E-05	0.00E+00	3.12E-07	2.94E-07	4.00E-05	1.86E-05	2.28E-04	2.34E-05	1.08E-05	2.81E-04	1.77E-05	0.00E+00	3.12E-07	2.94E-07	1.83E-05
4491	471863.09, 3858877.25	0.00965	0.00732	0.00382	0.00356	4.11E-05	0.00E+00	3.25E-07	3.07E-07	4.17E-05	1.94E-05	2.31E-04	2.44E-05	1.12E-05	2.86E-04	1.84E-05	0.00E+00	3.25E-07	3.07E-07	1.91E-05
4492	472363.09, 3858877.25	0.01035	0.00798	0.00399	0.00372	4.41E-05	0.00E+00	3.39E-07	3.20E-07	4.47E-05	2.08E-05	2.51E-04	2.55E-05	1.17E-05	3.09E-04	1.98E-05	0.00E+00	3.39E-07	3.20E-07	2.04E-05
4493	472863.09, 3858877.25	0.01108	0.00854	0.00416	0.00387	4.72E-05	0.00E+00	3.54E-07	3.33E-07	4.79E-05	2.23E-05	2.69E-04	2.65E-05	1.22E-05	3.30E-04	2.12E-05	0.00E+00	3.54E-07	3.33E-07	2.18E-05
4494	473363.09, 3858877.25	0.01211	0.00971	0.0043	0.00399	5.16E-05	0.00E+00	3.66E-07	3.44E-07	5.23E-05	2.43E-05	3.06E-04	2.74E-05	1.26E-05	3.70E-04	2.31E-05	0.00E+00	3.66E-07	3.44E-07	2.38E-05
4495	473863.09, 3858877.25	0.01277	0.00952	0.00455	0.00416	5.44E-05	0.00E+00	3.87E-07	3.58E-07	5.51E-05	2.56E-05	3.00E-04	2.90E-05	1.31E-05	3.68E-04	2.44E-05	0.00E+00	3.87E-07	3.58E-07	2.51E-05
4496	474363.09, 3858877.25	0.01257	0.00802	0.00515	0.00453	5.35E-05	0.00E+00	4.38E-07	3.90E-07	5.44E-05	2.52E-05	2.53E-04	3.28E-05	1.43E-05	3.25E-04	2.40E-05	0.00E+00	4.38E-07	3.90E-07	2.48E-05
4497	474863.09, 3858877.25	0.00638	0.00415	0.00357	0.00371	2.72E-05	0.00E+00	3.04E-07	3.19E-07	2.78E-05	1.28E-05	1.31E-04	2.28E-05	1.17E-05	1.78E-04	1.22E-05	0.00E+00	3.04E-07	3.19E-07	1.28E-05
4498	475363.09, 3858877.25	0.00456	0.00352	0.00329	0.0038	1.94E-05	0.00E+00	2.80E-07	3.27E-07	2.00E-05	9.16E-06	1.11E-04	2.10E-05	1.20E-05	1.53E-04	8.71E-06	0.00E+00	2.80E-07	3.27E-07	9.32E-06
4499	475863.09, 3858877.25	0.0053	0.00392	0.0035	0.00402	2.26E-05	0.00E+00	2.98E-07	3.46E-07	2.32E-05	1.06E-05	1.23E-04	2.23E-05	1.27E-05	1.69E-04	1.01E-05	0.00E+00	2.98E-07	3.46E-07	1.08E-05
4500	476363.09, 3858877.25	0.00317	0.00304	0.00319	0.00404	1.35E-05	0.00E+00	2.71E-07	3.48E-07	1.41E-05	6.37E-06	9.58E-05	2.03E-05	1.28E-05	1.35E-04	6.05E-06	0.00E+00	2.71E-07	3.48E-07	6.67E-06
4501	476863.09, 3858877.25	0.00407	0.00358	0.00354	0.00431	1.73E-05	0.00E+00	3.01E-07	3.71E-07	1.80E-05	8.17E-06	1.13E-04	2.26E-05	1.36E-05	1.57E-04	7.77E-06	0.00E+00	3.01E-07	3.71E-07	8.45E-06
4502	477363.09, 3858877.25	0.00432	0.00377	0.00359	0.00452	1.84E-05	0.00E+00	3.05E-07	3.89E-07	1.91E-05	8.68E-06	1.19E-04	2.29E-05	1.43E-05	1.65E-04	8.25E-06	0.00E+00	3.05E-07	3.89E-07	8.95E-06
4503	477863.09, 3858877.25	0.0057	0.00447	0.00388	0.00481	2.43E-05	0.00E+00	3.30E-07	4.14E-07	2.50E-05	1.14E-05	1.41E-04	2.47E-05	1.52E-05	1.92E-04	1.09E-05	0.00E+00	3.30E-07	4.14E-07	1.16E-05
4504	478363.09, 3858877.25	0.01352	0.00751	0.00608	0.00568	5.76E-05	0.00E+00	5.17E-07	4.89E-07	5.86E-05	2.72E-05	2.37E-04	3.88E-05	1.79E-05	3.20E-04	2.58E-05	0.00E+00	5.17E-07	4.89E-07	2.68E-05
4505	478863.09, 3858877.25	0.01114	0.00687	0.00544	0.00569	4.74E-05	0.00E+00	4.63E-07	4.90E-07	4.84E-05	2.24E-05	2.16E-04	3.47E-05	1.80E-05	2.91E-04	2.13E-05	0.00E+00	4.63E-07	4.90E-07	2.22E-05
4506	479363.09, 3858877.25	0.00874	0.00611	0.00469	0.00575	3.72E-05	0.00E+00	3.99E-07	4.95E-07	3.81E-05	1.76E-05	1.92E-04	2.99E-05	1.82E-05	2.58E-04	1.67E-05	0.00E+00	3.99E-07	4.95E-07	1.76E-05
4507	479863.09, 3858877.25	0.03614	0.0252	0.00775	0.00736	1.54E-04	0.00E+00	6.59E-07	6.34E-07	1.55E-04	7.26E-05	7.94E-04	4.94E-05	2.32E-05	9.39E-04	6.90E-05	0.00E+00	6.59E-07	6.34E-07	7.03E-05
4508	480363.09, 3858877.25	0.04032	0.03205	0.00731	0.00747	1.72E-04	0.00E+00	6.22E-07	6.43E-07	1.73E-04	8.10E-05	1.01E-03	4.66E-05	2.36E-05	1.16E-03	7.70E-05	0.00E+00	6.22E-07	6.43E-07	7.83E-05
4509	480863.09, 3858877.25	0.04432	0.0381	0.00716	0.00762	1.89E-04	0.00E+00	6.09E-07	6.56E-07	1.90E-04	8.90E-05	1.20E-03	4.57E-05	2.41E-05	1.36E-03	8.46E-05	0.00E+00	6.09E-07	6.56E-07	8.59E-05
4510	481363.09, 3858877.25	0.04888	0.04298	0.00743	0.00801	2.08E-04	0.00E+00	6.32E-07	6.90E-07	2.09E-04	9.82E-05	1.35E-03	4.74E-05	2.53E-05	1.52E-03	9.34E-05	0.00E+00	6.32E-07	6.90E-07	9.47E-05
4511	481863.09, 3858877.25	0.05435	0.04919	0.00779	0.00841	2.31E-04	0.00E+00	6.63E-07	7.24E-07	2.33E-04	1.09E-04	1.55E-03	4.97E-05	2.66E-05	1.73E-03	1.04E-04	0.00E+00	6.63E-07	7.24E-07	1.05E-04
4512	482363.09, 3858877.25	0.0605	0.05354	0.00844	0.00922	2.58E-04	0.00E+00	7.18E-07	7.94E-07	2.59E-04	1.22E-04	1.69E-03	5.38E-05	2.91E-05	1.89E-03	1.16E-04	0.00E+00	7.18E-07	7.94E-07	1.17E-04
4513	482863.09, 3858877.25	0.06788	0.06338	0.00917	0.00949	2.89E-04	0.00E+00	7.80E-07	8.17E-07	2.91E-04	1.36E-04	2.00E-03	5.85E-05	3.00E-05	2.22E-03	1.30E-04	0.00E+00	7.80E-07	8.17E-07	1.31E-04
4514	483363.09, 3858877.25	0.06945	0.09893	0.01002	0.01013	2.96E-04	0.00E+00	8.52E-07	8.72E-07	2.97E-04	1.39E-04	3.12E-03	6.39E-05	3.20E-05	3.35E-03	1.33E-04	0.00E+00	8.52E-07	8.72E-07	1.34E-04
4515	483863.09, 3858877.25	0.07377	0.11491	0.01132	0.01114	3.14E-04	0.00E+00	9.63E-07	9.59E-07	3.16E-04	1.48E-04	3.62E-03	7.22E-05	3.52E-05	3.88E-03	1.41E-04	0.00E+00	9.63E-07	9.59E-07	1.43E-04
4516	484363.09, 3858877.25	0.08043	0.13591	0.01311	0.0126	3.43E-04	0.00E+00	1.11E-06	1.08E-06	3.45E-04	1.62E-04	4.28E-03	8.36E-05	3.98E-05	4.57E-03	1.54E-04	0.00E+00	1.11E-06	1.08E-06	1.56E-04
4517	484863.09, 3858877.25	0.08633	0.16711	0.01506	0.01426	3.68E-04	0.00E+00	1.28E-06	1.23E-06	3.70E-04	1.73E-04	5.26E-03	9.61E-05	4.50E-05	5.58E-03	1.65E-04	0.00E+00	1.28E-06	1.23E-06	1.67E-04
4518	485363.09, 3858877.25	0.08998	0.22329	0.01686	0.01698	3.83E-04	0.00E+00	1.43E-06	1.46E-06	3.86E-04	1.81E-04	7.03E-03	1.08E-04	5.36E-05	7.38E-03	1.72E-04	0.00E+00	1.43E-06	1.46E-06	1.75E-04
4519	485863.09, 3858877.25	0.09254	0.35842	0.01875	0.02332	3.94E-04	0.00E+00	1.59E-06	2.01E-06	3.98E-04	1.86E-04	1.13E-02	1.20E-04	7.36E-05	1.17E-02	1.77E-04	0.00E+00	1.59E-06	2.01E-06	1.80E-04
4520	486363.09, 3858877.25	0.0904	1.83562	0.02063	0.03462	3.85E-04	0.00E+00	1.75E-06	2.98E-06	3.90E-04	1.82E-04	5.78E-02	1.32E-04	1.09E-04	5.82E-02	1.73E-04	0.00E+00	1.75E-06	2.98E-06	1.77E-04
4521	486863.09, 3858877.25	0.08862	2.66633	0.02084	0.08183	3.77E-04	0.00E+00	1.77E-06	7.05E-06	3.86E-04	1.78E-04	8.40E-02	1.33E-04	2.58E-04	8.46E-02	1.69E-04	0.00E+00	1.77E-06	7.05E-06	1.78E-04
4522	487363.09, 3858877.25	0.09424	2.71227	0.01888	0.24125	4.01E-04	0.00E+00	1.61E-06	2.08E-05	4.24E-04	1.89E-04	8.54E-02	1.20E-04	7.62E-04	8.65E-02	1.80E-04	0.00E+00	1.61E-06	2.08E-05	2.02E-04
4523	487863.09, 3858877.25	0.09781	1.31351	0.01973	0.14493	4.17E-04	0.00E+00	1.68E-06	1.25E-05	4.31E-04	1.96E-04	4.14E-02	1.26E-04	4.58E-04	4.22E-02	1.87E-04	0.00E+00	1.68E-06	1.25E-05	2.01E-04
4524	488363.09, 3858877.25	0.10346	2.24839	0.02004	0.10885	4.41E-04	0.00E+00	1.70E-06	9.37E-06	4.52E-04	2.08E-04	7.08E-02	1.28E-04	3.44E-04	7.15E-02	1.98E-04	0.00E+00	1.70E-06	9.37E-06	2.09E-04
4525	488863.09, 3858877.25	0.10824	1.06579	0.02844	0.09227	4.61E-04	0.00E+00	2.42E-06	7.95E-06	4.71E-04	2.17E-04	3.36E-02	1.81E-04	2.91E-04	3.43E-02	2.07E-04	0.00E+00	2.42E-06	7.95E-06	2.17E-04
4526	489363.09, 3858877.25	0.10212	0.71369	0.04324	0.08081	4.35E-04	0.00E+00	3.68E-06	6.96E-06	4.46E-04	2.05E-04	2.25E-02	2.76E-04	2.55E-04	2.32E-02	1.95E-04	0.00E+00	3.68E-06	6.96E-06	2.06E-04
4527	489863.09, 3858877.25	0.10284	0.53962	0.05141	0.06964	4.38E-04	0.00E+00	4.37E-06	6.00E-06	4.48E-04	2.07E-04	1.70E-02	3.28E-04	2.20E-04	1.78E-02	1.96E-04	0.00E+00	4.37E-06	6.00E-06	2.07E-04
4528	490363.09, 3858877.25	0.1097	0.41648	0.05405	0.06022	4.67E-04	0.00E+00	4.60E-06	5.19E-06	4.77E-04	2.20E-04	1.31E-02	3.45E-04	1.90E-04	1.39E-02	2.10E-04	0.00E+00	4.60E-06	5.19E-06	2.19E-04
4529	490863.09, 3858877.25	0.11291	0.30364	0.05535	0.05344	4.81E-04	0.00E+00	4.71E-06	4.60E-06	4.90E-04	2.27E-04	9.56E-03	3.53E-04	1.69E-04	1.03E-02	2.16E-04	0.00E+00	4.71E-06	4.60E-06	2.25E-04
4530	491363.09, 3858877.25	0.10511	0.2062	0.06479	0.04858	4.48E-04	0.00E+00	5.51E-06	4.18E-06	4.57E-04	2.11E-04	6.50E-03	4.13E-04	1.53E-04	7.27E-03	2.01E-04	0.00E+00	5.51E-06	4.18E-06	2.10E-04
4531	491863.09, 3858877.25	0.08194	0.14141	0.06548	0.04126	3.49E-04	0.00E+00	5.57E-06	3.55E-06	3.58E-04	1.65E-04	4.45E-03	4.18E-04	1.30E-04	5.17E-03	1.57E-04	0.00E+00	5.57E-06	3.55E-06	1.66E-04
4532	492363.09, 3858877.25	0.08866	0.14685	0.06352	0.03969	3.78E-04	0.00E+00	5.40E-06	3.42E-06	3.86E-04	1.78E-04	4.63E-03	4.05E-04	1.25E-04	5.33E-03	1.69E-04	0.00E+00	5.40E-06	3.42E-06	1.78E-04
4533	492863.09, 3858877.25	0.09103	0.15456	0.05732	0.03672	3.88E-04	0.00E+00	4.87E-06	3.16E-06	3.96E-04	1.83E-04	4.87E-03	3.66E-04	1.16E-04	5.53E-03	1.74E-04	0.00E+00	4.87E-06	3.16E-06	1.82E-04
4534	493363.09, 3858877.25	0.08439	0.13064	0.05697	0.03371	3.59E-04	0.00E+00	4.85E-06	2.90E-06	3.67E-04	1.70E-04	4.12E-03	3.63E-04	1.06E-04	4.75E-03	1.61E-04	0.00E+00	4.85E-06	2.90E-06	1.69E-04
4535	493863.09, 3858877.25	0.07145	0.10181	0.05303	0.02934	3.04E-04	0.00E+00	4.51E-06	2.53E-06	3.11E-04	1.44E-04	3.21E-03	3.38E-04	9.26E-05	3.78E-03	1.36E-04	0.00E+00	4.51E-06	2.53E-06	1.44E-04
4536	494363.09, 3858877.25	0.0663	0.09009	0.05132	0.0271	2.82E-04	0.00E+00	4.36E-06	2.33E-06	2.89E-04	1.33E-04	2.84E-03	3.27E-04	8.56E-05	3.38E-03	1.27E-04	0.00E+00	4.36E-06	2.33E-06	1.33E-04
4537	494863.09, 3858877.25	0.0596	0.07836	0.04404	0.02423	2.54E-04	0.00E+00	3.75E-06	2.09E-06	2.60E-04	1.20E-04	2.47E-03	2.81E-04	7.65E-05	2.95E-03	1.14E-04	0.00E+00	3.75E-06	2.09E-06	1.20E-04
4538	495363.09, 3858877.25	0.05354	0.06841	0.03926	0.02207	2.28E-04	0.00E+00	3.34E-06	1.90E-06	2.33E-04	1.08E-04	2.15E-03	2.50E-04	6.97E-05	2.58E-03	1.02E-04	0.00E+00	3.34E-06	1.90E-06	1.07E-04
4539	495863.09, 3858877.25	0.05061	0.06264	0.03666	0.02059	2.16E-04	0.00E+00	3.12E-06	1.77E-06	2.20E-04	1.02E-04	1.97E-03	2.34E-04	6.50E-05	2.37E-03	9.67E-05	0.00E+00	3.12E-06	1.77E-06	1.02E-04

4540	496363.09, 3858877.25	0.04977	0.05948	0.03537	0.01958	2.12E-04	0.00E+00	3.01E-06	1.69E-06	2.17E-04	1.00E-04	1.87E-03	2.26E-04	6.18E-05	2.26E-03	9.51E-05	0.00E+00	3.01E-06	1.69E-06	9.98E-05
4541	496863.09, 3858877.25	0.04901	0.05676	0.03417	0.01867	2.09E-04	0.00E+00	2.91E-06	1.61E-06	2.13E-04	9.84E-05	1.79E-03	2.18E-04	5.89E-05	2.16E-03	9.36E-05	0.00E+00	2.91E-06	1.61E-06	9.81E-05
4542	497363.09, 3858877.25	0.04806	0.05412	0.03284	0.01783	2.05E-04	0.00E+00	2.79E-06	1.54E-06	2.09E-04	9.65E-05	1.70E-03	2.09E-04	5.63E-05	2.07E-03	9.18E-05	0.00E+00	2.79E-06	1.54E-06	9.61E-05
4543	497863.09, 3858877.25	0.05282	0.0582	0.0349	0.01793	2.25E-04	0.00E+00	2.97E-06	1.54E-06	2.29E-04	1.06E-04	1.83E-03	2.23E-04	5.66E-05	2.22E-03	1.01E-04	0.00E+00	2.97E-06	1.54E-06	1.05E-04
4544	498363.09, 3858877.25	0.05588	0.06274	0.03628	0.01798	2.38E-04	0.00E+00	3.09E-06	1.55E-06	2.43E-04	1.12E-04	1.98E-03	2.31E-04	5.68E-05	2.38E-03	1.07E-04	0.00E+00	3.09E-06	1.55E-06	1.11E-04
4545	471363.09, 3859377.25	0.00916	0.00719	0.00417	0.00348	3.90E-05	0.00E+00	3.55E-07	3.00E-07	3.97E-05	1.84E-05	2.26E-04	2.66E-05	1.10E-05	2.82E-04	1.75E-05	0.00E+00	3.55E-07	3.00E-07	1.81E-05
4546	471863.09, 3859377.25	0.00976	0.00754	0.0043	0.00359	4.16E-05	0.00E+00	3.66E-07	3.09E-07	4.22E-05	1.96E-05	2.38E-04	2.74E-05	1.13E-05	2.96E-04	1.86E-05	0.00E+00	3.66E-07	3.09E-07	1.93E-05
4547	472363.09, 3859377.25	0.01058	0.00828	0.00437	0.00369	4.51E-05	0.00E+00	3.72E-07	3.18E-07	4.57E-05	2.13E-05	2.61E-04	2.79E-05	1.17E-05	3.22E-04	2.02E-05	0.00E+00	3.72E-07	3.18E-07	2.09E-05
4548	472863.09, 3859377.25	0.01139	0.00888	0.00445	0.00378	4.85E-05	0.00E+00	3.78E-07	3.25E-07	4.92E-05	2.29E-05	2.80E-04	2.84E-05	1.19E-05	3.43E-04	2.18E-05	0.00E+00	3.78E-07	3.25E-07	2.25E-05
4549	473363.09, 3859377.25	0.01229	0.00973	0.00448	0.00388	5.23E-05	0.00E+00	3.81E-07	3.34E-07	5.31E-05	2.47E-05	3.06E-04	2.86E-05	1.23E-05	3.72E-04	2.35E-05	0.00E+00	3.81E-07	3.34E-07	2.42E-05
4550	473863.09, 3859377.25	0.01307	0.01004	0.00464	0.00403	5.57E-05	0.00E+00	3.95E-07	3.47E-07	5.64E-05	2.63E-05	3.16E-04	2.96E-05	1.27E-05	3.85E-04	2.50E-05	0.00E+00	3.95E-07	3.47E-07	2.57E-05
4551	474363.09, 3859377.25	0.0128	0.00817	0.00572	0.0044	5.45E-05	0.00E+00	4.86E-07	3.79E-07	5.54E-05	2.57E-05	2.57E-04	3.65E-05	1.39E-05	3.33E-04	2.44E-05	0.00E+00	4.86E-07	3.79E-07	2.53E-05
4552	474863.09, 3859377.25	0.01013	0.00578	0.00478	0.00413	4.31E-05	0.00E+00	4.07E-07	3.56E-07	4.39E-05	2.03E-05	1.82E-04	3.05E-05	1.30E-05	2.46E-04	1.93E-05	0.00E+00	4.07E-07	3.56E-07	2.01E-05
4553	475363.09, 3859377.25	0.00649	0.0042	0.00327	0.00387	2.76E-05	0.00E+00	2.78E-07	3.33E-07	2.83E-05	1.30E-05	1.32E-04	2.09E-05	1.22E-05	1.78E-04	1.24E-05	0.00E+00	2.78E-07	3.33E-07	1.30E-05
4554	475863.09, 3859377.25	0.00399	0.00327	0.00289	0.00384	1.70E-05	0.00E+00	2.46E-07	3.31E-07	1.76E-05	8.01E-06	1.03E-04	1.84E-05	1.21E-05	1.42E-04	7.62E-06	0.00E+00	2.46E-07	3.31E-07	8.20E-06
4555	476363.09, 3859377.25	0.00359	0.00311	0.00295	0.00391	1.53E-05	0.00E+00	2.51E-07	3.37E-07	1.59E-05	7.21E-06	9.80E-05	1.88E-05	1.23E-05	1.36E-04	6.86E-06	0.00E+00	2.51E-07	3.37E-07	7.44E-06
4556	476863.09, 3859377.25	0.00287	0.00279	0.00297	0.00398	1.22E-05	0.00E+00	2.53E-07	3.43E-07	1.28E-05	5.76E-06	8.79E-05	1.89E-05	1.26E-05	1.25E-04	5.48E-06	0.00E+00	2.53E-07	3.43E-07	6.08E-06
4557	477363.09, 3859377.25	0.0032	0.00302	0.00312	0.00415	1.36E-05	0.00E+00	2.65E-07	3.57E-07	1.43E-05	6.43E-06	9.51E-05	1.99E-05	1.31E-05	1.35E-04	6.11E-06	0.00E+00	2.65E-07	3.57E-07	6.73E-06
4558	477863.09, 3859377.25	0.00668	0.00462	0.00358	0.00461	2.84E-05	0.00E+00	3.04E-07	3.97E-07	2.91E-05	1.34E-05	1.46E-04	2.28E-05	1.46E-05	1.96E-04	1.28E-05	0.00E+00	3.04E-07	3.97E-07	1.35E-05
4559	478363.09, 3859377.25	0.01168	0.00658	0.00507	0.00526	4.97E-05	0.00E+00	4.31E-07	4.53E-07	5.06E-05	2.35E-05	2.07E-04	3.23E-05	1.66E-05	2.80E-04	2.23E-05	0.00E+00	4.31E-07	4.53E-07	2.32E-05
4560	478863.09, 3859377.25	0.02005	0.00996	0.00856	0.00629	8.54E-05	0.00E+00	7.28E-07	5.42E-07	8.67E-05	4.03E-05	3.14E-04	5.46E-05	1.99E-05	4.28E-04	3.83E-05	0.00E+00	7.28E-07	5.42E-07	3.96E-05
4561	479363.09, 3859377.25	0.02742	0.01479	0.00971	0.00696	1.17E-04	0.00E+00	8.26E-07	5.99E-07	1.18E-04	5.51E-05	4.66E-04	6.19E-05	2.20E-05	6.05E-04	5.24E-05	0.00E+00	8.26E-07	5.99E-07	5.38E-05
4562	479863.09, 3859377.25	0.0325	0.02118	0.00843	0.00715	1.38E-04	0.00E+00	7.17E-07	6.16E-07	1.40E-04	6.53E-05	6.67E-04	5.38E-05	2.26E-05	8.09E-04	6.21E-05	0.00E+00	7.17E-07	6.16E-07	6.34E-05
4563	480363.09, 3859377.25	0.03605	0.02933	0.00725	0.00699	1.54E-04	0.00E+00	6.17E-07	6.02E-07	1.55E-04	7.24E-05	9.24E-04	4.62E-05	2.21E-05	1.06E-03	6.89E-05	0.00E+00	6.17E-07	6.02E-07	7.01E-05
4564	480863.09, 3859377.25	0.03924	0.03612	0.00732	0.00691	1.67E-04	0.00E+00	6.23E-07	5.95E-07	1.68E-04	7.88E-05	1.14E-03	4.67E-05	2.18E-05	1.29E-03	7.49E-05	0.00E+00	6.23E-07	5.95E-07	7.62E-05
4565	481363.09, 3859377.25	0.04293	0.04193	0.00808	0.00703	1.83E-04	0.00E+00	6.87E-07	6.05E-07	1.84E-04	8.62E-05	1.32E-03	5.15E-05	2.22E-05	1.48E-03	8.20E-05	0.00E+00	6.87E-07	6.05E-07	8.33E-05
4566	481863.09, 3859377.25	0.04685	0.04781	0.00908	0.00747	2.00E-04	0.00E+00	7.72E-07	6.43E-07	2.01E-04	9.41E-05	1.51E-03	5.79E-05	2.36E-05	1.68E-03	8.95E-05	0.00E+00	7.72E-07	6.43E-07	9.09E-05
4567	482363.09, 3859377.25	0.05126	0.05287	0.01022	0.00773	2.18E-04	0.00E+00	8.69E-07	6.66E-07	2.20E-04	1.03E-04	1.67E-03	6.52E-05	2.44E-05	1.86E-03	9.79E-05	0.00E+00	8.69E-07	6.66E-07	9.94E-05
4568	482863.09, 3859377.25	0.05543	0.06272	0.01119	0.00829	2.36E-04	0.00E+00	9.52E-07	7.14E-07	2.38E-04	1.11E-04	1.98E-03	7.14E-05	2.62E-05	2.18E-03	1.06E-04	0.00E+00	9.52E-07	7.14E-07	1.08E-04
4569	483363.09, 3859377.25	0.05878	0.08097	0.01206	0.00872	2.50E-04	0.00E+00	1.03E-06	7.51E-07	2.52E-04	1.18E-04	2.55E-03	7.69E-05	2.75E-05	2.77E-03	1.12E-04	0.00E+00	1.03E-06	7.51E-07	1.14E-04
4570	483863.09, 3859377.25	0.06062	0.09894	0.01251	0.0099	2.58E-04	0.00E+00	1.06E-06	8.52E-07	2.60E-04	1.22E-04	3.12E-03	7.98E-05	3.13E-05	3.35E-03	1.16E-04	0.00E+00	1.06E-06	8.52E-07	1.18E-04
4571	484363.09, 3859377.25	0.06484	0.11676	0.01334	0.01095	2.76E-04	0.00E+00	1.13E-06	9.43E-07	2.78E-04	1.30E-04	3.68E-03	8.51E-05	3.46E-05	3.93E-03	1.24E-04	0.00E+00	1.13E-06	9.43E-07	1.26E-04
4572	484863.09, 3859377.25	0.06855	0.14213	0.01424	0.01246	2.92E-04	0.00E+00	1.21E-06	1.07E-06	2.94E-04	1.38E-04	4.48E-03	9.08E-05	3.93E-05	4.74E-03	1.31E-04	0.00E+00	1.21E-06	1.07E-06	1.33E-04
4573	485363.09, 3859377.25	0.06893	0.1841	0.01531	0.01493	2.94E-04	0.00E+00	1.30E-06	1.29E-06	2.96E-04	1.38E-04	5.80E-03	9.77E-05	4.71E-05	6.08E-03	1.32E-04	0.00E+00	1.30E-06	1.29E-06	1.34E-04
4574	485863.09, 3859377.25	0.06797	0.26123	0.01597	0.01831	2.89E-04	0.00E+00	1.36E-06	1.58E-06	2.92E-04	1.37E-04	8.23E-03	1.02E-04	5.78E-05	8.52E-03	1.30E-04	0.00E+00	1.36E-06	1.58E-06	1.33E-04
4575	486363.09, 3859377.25	0.06745	0.43223	0.01479	0.02602	2.87E-04	0.00E+00	1.26E-06	2.24E-06	2.91E-04	1.35E-04	1.36E-02	9.43E-05	8.22E-05	1.39E-02	1.29E-04	0.00E+00	1.26E-06	2.24E-06	1.32E-04
4576	486863.09, 3859377.25	0.06554	1.76823	0.01252	0.04504	2.79E-04	0.00E+00	1.06E-06	3.88E-06	2.84E-04	1.32E-04	5.57E-02	7.99E-05	1.42E-04	5.61E-02	1.25E-04	0.00E+00	1.06E-06	3.88E-06	1.30E-04
4577	487363.09, 3859377.25	0.06781	2.31288	0.01066	0.07528	2.89E-04	0.00E+00	9.07E-07	6.48E-06	2.96E-04	1.36E-04	7.29E-02	6.80E-05	2.38E-04	7.33E-02	1.30E-04	0.00E+00	9.07E-07	6.48E-06	1.37E-04
4578	487863.09, 3859377.25	0.07033	2.47673	0.01159	0.09868	3.00E-04	0.00E+00	9.86E-07	8.50E-06	3.09E-04	1.41E-04	7.80E-02	7.39E-05	3.12E-04	7.85E-02	1.34E-04	0.00E+00	9.86E-07	8.50E-06	1.44E-04
4579	488363.09, 3859377.25	0.07402	2.89733	0.01146	0.16613	3.15E-04	0.00E+00	9.75E-07	1.43E-05	3.31E-04	1.49E-04	9.13E-02	7.31E-05	5.25E-04	9.20E-02	1.41E-04	0.00E+00	9.75E-07	1.43E-05	1.57E-04
4580	488863.09, 3859377.25	0.07723	1.89509	0.0138	0.19832	3.29E-04	0.00E+00	1.17E-06	1.71E-05	3.47E-04	1.55E-04	5.97E-02	8.80E-05	6.26E-04	6.06E-02	1.48E-04	0.00E+00	1.17E-06	1.71E-05	1.66E-04
4581	489363.09, 3859377.25	0.08074	0.93274	0.01797	0.13865	3.44E-04	0.00E+00	1.53E-06	1.19E-05	3.57E-04	1.62E-04	2.94E-02	1.15E-04	4.38E-04	3.01E-02	1.54E-04	0.00E+00	1.53E-06	1.19E-05	1.68E-04
4582	489863.09, 3859377.25	0.0762	0.64573	0.02261	0.09536	3.25E-04	0.00E+00	1.92E-06	8.21E-06	3.35E-04	1.53E-04	2.03E-02	1.44E-04	3.01E-04	2.09E-02	1.46E-04	0.00E+00	1.92E-06	8.21E-06	1.56E-04
4583	490363.09, 3859377.25	0.07464	0.48371	0.02599	0.07145	3.18E-04	0.00E+00	2.21E-06	6.15E-06	3.26E-04	1.50E-04	1.52E-02	1.66E-04	2.26E-04	1.58E-02	1.43E-04	0.00E+00	2.21E-06	6.15E-06	1.51E-04
4584	490863.09, 3859377.25	0.0782	0.34586	0.02777	0.05825	3.33E-04	0.00E+00	2.36E-06	5.02E-06	3.40E-04	1.57E-04	1.09E-02	1.77E-04	1.84E-04	1.14E-02	1.49E-04	0.00E+00	2.36E-06	5.02E-06	1.57E-04
4585	491363.09, 3859377.25	0.07823	0.21326	0.03221	0.05123	3.33E-04	0.00E+00	2.74E-06	4.41E-06	3.40E-04	1.57E-04	6.72E-03	2.05E-04	1.62E-04	7.24E-03	1.49E-04	0.00E+00	2.74E-06	4.41E-06	1.57E-04
4586	491863.09, 3859377.25	0.08292	0.22847	0.03244	0.0433	3.53E-04	0.00E+00	2.76E-06	3.73E-06	3.60E-04	1.67E-04	7.20E-03	2.07E-04	1.37E-04	7.71E-03	1.58E-04	0.00E+00	2.76E-06	3.73E-06	1.65E-04
4587	492363.09, 3859377.25	0.08093	0.20125	0.03375	0.03823	3.45E-04	0.00E+00	2.87E-06	3.29E-06	3.51E-04	1.63E-04	6.34E-03	2.15E-04	1.21E-04	6.84E-03	1.55E-04	0.00E+00	2.87E-06	3.29E-06	1.61E-04
4588	492863.09, 3859377.25	0.07768	0.18283	0.03446	0.03427	3.31E-04	0.00E+00	2.93E-06	2.95E-06	3.37E-04	1.56E-04	5.76E-03	2.20E-04	1.08E-04	6.24E-03	1.48E-04	0.00E+00	2.93E-06	2.95E-06	1.54E-04
4589	493363.09, 3859377.25	0.07308	0.15155	0.03705	0.03145	3.11E-04	0.00E+00	3.15E-06	2.71E-06	3.17E-04	1.47E-04	4.77E-03	2.36E-04	9.93E-05	5.26E-03	1.40E-04	0.00E+00	3.15E-06	2.71E-06	1.45E-04
4590	493863.09, 3859377.25	0.07021	0.13705	0.03675	0.02902	2.99E-04	0.00E+00	3.13E-06	2.50E-06	3.05E-04	1.41E-04	4.32E-03	2.34E-04	9.16E-05	4.78E-03	1.34E-04	0.00E+00	3.13E-06	2.50E-06	1.40E-04
4591	494363.09, 3859377.25	0.06672	0.11897	0.03686	0.02674	2.84E-04	0.00E+00	3.13E-06	2.30E-06	2.90E-04	1.34E-04	3.75E-03	2.35E-04	8.44E-05	4.20E-03	1.27E-04	0.00E+00	3.13E-06	2.30E-06	1.33E-04
4592	494863.09, 3859377.25	0.06037	0.09594	0.03638	0.02409	2.57E-04	0.00E+00	3.09E-06	2.07E-06	2.62E-04	1.21E-04	3.02E-03	2.32E-04	7.61E-05	3.45E-03	1.15E-04	0.00E+00	3.09E-06	2.07E-06	1.20E-04
4593	495363.09, 3859377.25	0.05772	0.08776	0.03497	0.02237	2.46E-04	0.00E+00	2.97E-06	1.93E-06	2.51E-04	1.16E-04	2.76E-03	2.23E-04	7.06E-05	3.17E-03	1.10E-04	0.00E+00	2.97E-06	1.93E-06	1.15E-04
4594	495863.09, 3859377.25	0.05411	0.07807	0.03342	0.02055	2.30E-04	0.00E+00	2.84E-06	1.77E-06	2.35E-04	1.09E-04	2.46E-03	2.13E-04	6.49E-05	2.85E-03	1.03E-04	0.00E+00	2.84E-06	1.77E-06	1.08E-04
4595	496363.09, 3859377.25	0.05345	0.07454	0.03311	0.01952	2.28E-04	0.00E+00	2.82E-06	1.68E-06	2.32E-04	1.07E-04	2.35E-03	2.11E-04	6.16E-05	2.73E-03	1.02E-04	0.00E+00	2.82E-06	1.68E-06	1.07E-04
4596	496863.09, 3859377.25	0.04906	0.06481	0.03112	0.01781	2.09E-04	0.00E+00	2.65E-06	1.53E-06	2.13E-04	9.85E-05	2.04E-03	1.98E-04	5.62E-05	2.39E-03	9.37E-05	0.00E+00	2.65E-06	1.53E-06	9.79E-05
4597	497363.09, 3859377.25	0.05023	0.06516	0.03195	0.01739	2.14E-04	0.00E+00	2.72E-06	1.50E-06	2.18E-04	1.01E-04	2.05E-03	2.04E-04	5.49E-05	2.41E-03	9.59E-05	0.00E+00	2.72E-06	1.50E-06	1.00E-04
4598	497863.09, 3859377.25	0.0522	0.06939	0.03248	0.01726	2.22E-04	0.00E+00	2.76E-06	1.49E-06	2.27E-04	1.05E-04	2.19E-03	2.07E-04	5.45E-05	2.55E-03	9.97E-05	0.00E+00	2.76E-06	1.49E-06	1.04E-04

4599	498363.09, 3859377.25	0.0522	0.07188	0.03126	0.01668	2.22E-04	0.00E+00	2.66E-06	1.44E-06	2.26E-04	1.05E-04	2.26E-03	1.99E-04	5.27E-05	2.62E-03	9.97E-05	0.00E+00	2.66E-06	1.44E-06	1.04E-04
4600	471363.09, 3859877.25	0.00957	0.00769	0.00366	0.00337	4.08E-05	0.00E+00	3.11E-07	2.90E-07	4.14E-05	1.92E-05	2.42E-04	2.33E-05	1.06E-05	2.95E-04	1.83E-05	0.00E+00	3.11E-07	2.90E-07	1.89E-05
4601	471863.09, 3859877.25	0.01021	0.00819	0.00367	0.00345	4.35E-05	0.00E+00	3.12E-07	2.97E-07	4.41E-05	2.05E-05	2.58E-04	2.34E-05	1.09E-05	3.13E-04	1.95E-05	0.00E+00	3.12E-07	2.97E-07	2.01E-05
4602	472363.09, 3859877.25	0.01084	0.00857	0.00372	0.00356	4.62E-05	0.00E+00	3.16E-07	3.07E-07	4.68E-05	2.18E-05	2.70E-04	2.37E-05	1.12E-05	3.27E-04	2.07E-05	0.00E+00	3.16E-07	3.07E-07	2.13E-05
4603	472863.09, 3859877.25	0.01162	0.00942	0.00367	0.00368	4.95E-05	0.00E+00	3.12E-07	3.17E-07	5.01E-05	2.33E-05	2.97E-04	2.34E-05	1.16E-05	3.55E-04	2.22E-05	0.00E+00	3.12E-07	3.17E-07	2.28E-05
4604	473363.09, 3859877.25	0.01241	0.0103	0.00366	0.00381	5.28E-05	0.00E+00	3.11E-07	3.28E-07	5.35E-05	2.49E-05	3.24E-04	2.33E-05	1.20E-05	3.85E-04	2.37E-05	0.00E+00	3.11E-07	3.28E-07	2.43E-05
4605	473863.09, 3859877.25	0.0132	0.01097	0.00372	0.00397	5.62E-05	0.00E+00	3.16E-07	3.42E-07	5.69E-05	2.65E-05	3.46E-04	2.37E-05	1.25E-05	4.08E-04	2.52E-05	0.00E+00	3.16E-07	3.42E-07	2.59E-05
4606	474363.09, 3859877.25	0.01335	0.00934	0.00525	0.0045	5.69E-05	0.00E+00	4.46E-07	3.87E-07	5.77E-05	2.68E-05	2.94E-04	3.35E-05	1.42E-05	3.69E-04	2.55E-05	0.00E+00	4.46E-07	3.87E-07	2.63E-05
4607	474863.09, 3859877.25	0.01255	0.0074	0.00572	0.00446	5.34E-05	0.00E+00	4.86E-07	3.84E-07	5.43E-05	2.52E-05	2.33E-04	3.65E-05	1.41E-05	3.09E-04	2.40E-05	0.00E+00	4.86E-07	3.84E-07	2.48E-05
4608	475363.09, 3859877.25	0.00826	0.00472	0.00362	0.00387	3.52E-05	0.00E+00	3.08E-07	3.33E-07	3.58E-05	1.66E-05	1.49E-04	2.31E-05	1.22E-05	2.01E-04	1.58E-05	0.00E+00	3.08E-07	3.33E-07	1.64E-05
4609	475863.09, 3859877.25	0.00393	0.00305	0.00285	0.00367	1.67E-05	0.00E+00	2.42E-07	3.16E-07	1.73E-05	7.89E-06	9.61E-05	1.82E-05	1.16E-05	1.34E-04	7.51E-06	0.00E+00	2.42E-07	3.16E-07	8.06E-06
4610	476363.09, 3859877.25	0.00225	0.00225	0.0028	0.00355	9.58E-06	0.00E+00	2.38E-07	3.06E-07	1.01E-05	4.52E-06	7.09E-05	1.79E-05	1.12E-05	1.04E-04	4.30E-06	0.00E+00	2.38E-07	3.06E-07	4.84E-06
4611	476863.09, 3859877.25	0.00267	0.00255	0.00316	0.00376	1.14E-05	0.00E+00	2.69E-07	3.24E-07	1.20E-05	5.36E-06	8.03E-05	2.02E-05	1.19E-05	1.18E-04	5.10E-06	0.00E+00	2.69E-07	3.24E-07	5.69E-06
4612	477363.09, 3859877.25	0.00294	0.00273	0.00343	0.00393	1.25E-05	0.00E+00	2.92E-07	3.38E-07	1.32E-05	5.91E-06	8.60E-05	2.19E-05	1.24E-05	1.26E-04	5.62E-06	0.00E+00	2.92E-07	3.38E-07	6.25E-06
4613	477863.09, 3859877.25	0.0059	0.00412	0.00394	0.00438	2.51E-05	0.00E+00	3.35E-07	3.77E-07	2.58E-05	1.19E-05	1.30E-04	2.51E-05	1.38E-05	1.81E-04	1.13E-05	0.00E+00	3.35E-07	3.77E-07	1.20E-05
4614	478363.09, 3859877.25	0.01169	0.00635	0.00624	0.00503	4.98E-05	0.00E+00	5.31E-07	4.33E-07	5.07E-05	2.35E-05	2.00E-04	3.98E-05	1.59E-05	2.79E-04	2.23E-05	0.00E+00	5.31E-07	4.33E-07	2.33E-05
4615	478863.09, 3859877.25	0.01929	0.00984	0.0109	0.00599	8.21E-05	0.00E+00	9.27E-07	5.16E-07	8.36E-05	3.87E-05	3.10E-04	6.95E-05	1.89E-05	4.37E-04	3.68E-05	0.00E+00	9.27E-07	5.16E-07	3.83E-05
4616	479363.09, 3859877.25	0.02596	0.01584	0.01121	0.00674	1.11E-04	0.00E+00	9.53E-07	5.80E-07	1.12E-04	5.21E-05	4.99E-04	7.15E-05	2.13E-05	6.44E-04	4.96E-05	0.00E+00	9.53E-07	5.80E-07	5.11E-05
4617	479863.09, 3859877.25	0.02945	0.02248	0.00931	0.00663	1.25E-04	0.00E+00	7.92E-07	5.71E-07	1.27E-04	5.92E-05	7.08E-04	5.94E-05	2.09E-05	8.48E-04	5.62E-05	0.00E+00	7.92E-07	5.71E-07	5.76E-05
4618	480363.09, 3859877.25	0.03212	0.02985	0.00851	0.00617	1.37E-04	0.00E+00	7.24E-07	5.31E-07	1.38E-04	6.45E-05	9.40E-04	5.43E-05	1.95E-05	1.08E-03	6.13E-05	0.00E+00	7.24E-07	5.31E-07	6.26E-05
4619	480863.09, 3859877.25	0.03476	0.03546	0.00893	0.00617	1.48E-04	0.00E+00	7.59E-07	5.31E-07	1.49E-04	6.98E-05	1.12E-03	5.70E-05	1.95E-05	1.26E-03	6.64E-05	0.00E+00	7.59E-07	5.31E-07	6.77E-05
4620	481363.09, 3859877.25	0.03712	0.04057	0.00943	0.00636	1.58E-04	0.00E+00	8.02E-07	5.48E-07	1.59E-04	7.46E-05	1.28E-03	6.01E-05	2.01E-05	1.43E-03	7.09E-05	0.00E+00	8.02E-07	5.48E-07	7.22E-05
4621	481863.09, 3859877.25	0.03976	0.04561	0.00995	0.00666	1.69E-04	0.00E+00	8.46E-07	5.73E-07	1.71E-04	7.99E-05	1.44E-03	6.35E-05	2.10E-05	1.60E-03	7.59E-05	0.00E+00	8.46E-07	5.73E-07	7.74E-05
4622	482363.09, 3859877.25	0.04329	0.05159	0.01041	0.00698	1.84E-04	0.00E+00	8.85E-07	6.01E-07	1.86E-04	8.69E-05	1.63E-03	6.64E-05	2.20E-05	1.80E-03	8.27E-05	0.00E+00	8.85E-07	6.01E-07	8.42E-05
4623	482863.09, 3859877.25	0.047	0.05888	0.01082	0.00746	2.00E-04	0.00E+00	9.20E-07	6.42E-07	2.02E-04	9.44E-05	1.85E-03	6.90E-05	2.36E-05	2.04E-03	8.98E-05	0.00E+00	9.20E-07	6.42E-07	9.13E-05
4624	483363.09, 3859877.25	0.05056	0.06782	0.01117	0.00791	2.15E-04	0.00E+00	9.50E-07	6.81E-07	2.17E-04	1.02E-04	2.14E-03	7.12E-05	2.50E-05	2.33E-03	9.66E-05	0.00E+00	9.50E-07	6.81E-07	9.82E-05
4625	483863.09, 3859877.25	0.05141	0.08582	0.01147	0.00873	2.19E-04	0.00E+00	9.75E-07	7.52E-07	2.21E-04	1.03E-04	2.70E-03	7.32E-05	2.76E-05	2.91E-03	9.82E-05	0.00E+00	9.75E-07	7.52E-07	9.99E-05
4626	484363.09, 3859877.25	0.05349	0.0999	0.01226	0.00966	2.28E-04	0.00E+00	1.04E-06	8.32E-07	2.30E-04	1.07E-04	3.15E-03	7.82E-05	3.05E-05	3.36E-03	1.02E-04	0.00E+00	1.04E-06	8.32E-07	1.04E-04
4627	484863.09, 3859877.25	0.05484	0.11887	0.01308	0.0108	2.34E-04	0.00E+00	1.11E-06	9.30E-07	2.36E-04	1.10E-04	3.74E-03	8.34E-05	3.41E-05	3.97E-03	1.05E-04	0.00E+00	1.11E-06	9.30E-07	1.07E-04
4628	485363.09, 3859877.25	0.05415	0.14639	0.01329	0.01189	2.31E-04	0.00E+00	1.13E-06	1.02E-06	2.33E-04	1.09E-04	4.61E-03	8.48E-05	3.75E-05	4.84E-03	1.03E-04	0.00E+00	1.13E-06	1.02E-06	1.06E-04
4629	485863.09, 3859877.25	0.05291	0.18855	0.01216	0.01425	2.25E-04	0.00E+00	1.03E-06	1.23E-06	2.28E-04	1.06E-04	5.94E-03	7.76E-05	4.50E-05	6.17E-03	1.01E-04	0.00E+00	1.03E-06	1.23E-06	1.03E-04
4630	486363.09, 3859877.25	0.05238	0.24654	0.01045	0.01831	2.23E-04	0.00E+00	8.89E-07	1.58E-06	2.26E-04	1.05E-04	7.77E-03	6.67E-05	5.78E-05	8.00E-03	1.00E-04	0.00E+00	8.89E-07	1.58E-06	1.03E-04
4631	486863.09, 3859877.25	0.05189	0.33065	0.00857	0.02541	2.21E-04	0.00E+00	7.29E-07	2.19E-06	2.24E-04	1.04E-04	1.04E-02	5.47E-05	8.02E-05	1.07E-02	9.91E-05	0.00E+00	7.29E-07	2.19E-06	1.02E-04
4632	487363.09, 3859877.25	0.05242	0.48889	0.00773	0.03895	2.23E-04	0.00E+00	6.57E-07	3.35E-06	2.27E-04	1.05E-04	1.54E-02	4.93E-05	1.23E-04	1.57E-02	1.00E-04	0.00E+00	6.57E-07	3.35E-06	1.04E-04
4633	487863.09, 3859877.25	0.05455	2.06431	0.00947	0.08257	2.32E-04	0.00E+00	8.05E-07	7.11E-06	2.40E-04	1.10E-04	6.50E-02	6.04E-05	2.61E-04	6.55E-02	1.04E-04	0.00E+00	8.05E-07	7.11E-06	1.12E-04
4634	488363.09, 3859877.25	0.05602	2.55276	0.00892	0.15436	2.39E-04	0.00E+00	7.59E-07	1.33E-05	2.53E-04	1.13E-04	8.04E-02	5.69E-05	4.87E-04	8.11E-02	1.07E-04	0.00E+00	7.59E-07	1.33E-05	1.21E-04
4635	488863.09, 3859877.25	0.05845	1.08806	0.00859	0.28678	2.49E-04	0.00E+00	7.31E-07	2.47E-05	2.74E-04	1.17E-04	3.43E-02	5.48E-05	9.05E-04	3.54E-02	1.12E-04	0.00E+00	7.31E-07	2.47E-05	1.37E-04
4636	489363.09, 3859877.25	0.06026	0.79062	0.01243	0.14703	2.57E-04	0.00E+00	1.06E-06	1.27E-05	2.70E-04	1.21E-04	2.49E-02	7.93E-05	4.64E-04	2.56E-02	1.15E-04	0.00E+00	1.06E-06	1.27E-05	1.29E-04
4637	489863.09, 3859877.25	0.06283	0.61809	0.01404	0.08909	2.68E-04	0.00E+00	1.19E-06	7.67E-06	2.76E-04	1.26E-04	1.95E-02	8.96E-05	2.81E-04	2.00E-02	1.20E-04	0.00E+00	1.19E-06	7.67E-06	1.29E-04
4638	490363.09, 3859877.25	0.05915	0.50059	0.01579	0.06301	2.52E-04	0.00E+00	1.34E-06	5.43E-06	2.59E-04	1.19E-04	1.58E-02	1.01E-04	1.99E-04	1.62E-02	1.13E-04	0.00E+00	1.34E-06	5.43E-06	1.20E-04
4639	490863.09, 3859877.25	0.05732	0.39885	0.01745	0.04824	2.44E-04	0.00E+00	1.48E-06	4.15E-06	2.50E-04	1.15E-04	1.26E-02	1.11E-04	1.52E-04	1.29E-02	1.09E-04	0.00E+00	1.48E-06	4.15E-06	1.15E-04
4640	491363.09, 3859877.25	0.05752	0.333	0.01882	0.03991	2.45E-04	0.00E+00	1.60E-06	3.44E-06	2.50E-04	1.16E-04	1.05E-02	1.20E-04	1.26E-04	1.09E-02	1.10E-04	0.00E+00	1.60E-06	3.44E-06	1.15E-04
4641	491863.09, 3859877.25	0.0603	0.27899	0.01961	0.03426	2.57E-04	0.00E+00	1.67E-06	2.95E-06	2.61E-04	1.21E-04	8.79E-03	1.25E-04	1.08E-04	9.14E-03	1.15E-04	0.00E+00	1.67E-06	2.95E-06	1.20E-04
4642	492363.09, 3859877.25	0.06332	0.23805	0.02078	0.03029	2.70E-04	0.00E+00	1.77E-06	2.61E-06	2.74E-04	1.27E-04	7.50E-03	1.33E-04	9.56E-05	7.85E-03	1.21E-04	0.00E+00	1.77E-06	2.61E-06	1.25E-04
4643	492863.09, 3859877.25	0.06461	0.19931	0.02167	0.02742	2.75E-04	0.00E+00	1.84E-06	2.36E-06	2.79E-04	1.30E-04	6.28E-03	1.38E-04	8.66E-05	6.63E-03	1.23E-04	0.00E+00	1.84E-06	2.36E-06	1.28E-04
4644	493363.09, 3859877.25	0.06341	0.17346	0.02228	0.02512	2.70E-04	0.00E+00	1.89E-06	2.16E-06	2.74E-04	1.27E-04	5.46E-03	1.42E-04	7.93E-05	5.81E-03	1.21E-04	0.00E+00	1.89E-06	2.16E-06	1.25E-04
4645	493863.09, 3859877.25	0.06122	0.15255	0.02285	0.02326	2.61E-04	0.00E+00	1.94E-06	2.00E-06	2.65E-04	1.23E-04	4.81E-03	1.46E-04	7.34E-05	5.15E-03	1.17E-04	0.00E+00	1.94E-06	2.00E-06	1.21E-04
4646	494363.09, 3859877.25	0.05848	0.1318	0.02404	0.02181	2.49E-04	0.00E+00	2.04E-06	1.88E-06	2.53E-04	1.17E-04	4.15E-03	1.53E-04	6.89E-05	4.49E-03	1.12E-04	0.00E+00	2.04E-06	1.88E-06	1.16E-04
4647	494863.09, 3859877.25	0.05638	0.11965	0.02471	0.02048	2.40E-04	0.00E+00	2.10E-06	1.76E-06	2.44E-04	1.13E-04	3.77E-03	1.58E-04	6.47E-05	4.10E-03	1.08E-04	0.00E+00	2.10E-06	1.76E-06	1.12E-04
4648	495363.09, 3859877.25	0.05439	0.10624	0.02569	0.01944	2.32E-04	0.00E+00	2.18E-06	1.67E-06	2.35E-04	1.09E-04	3.35E-03	1.64E-04	6.14E-05	3.68E-03	1.04E-04	0.00E+00	2.18E-06	1.67E-06	1.08E-04
4649	495863.09, 3859877.25	0.05236	0.09406	0.02646	0.01851	2.23E-04	0.00E+00	2.25E-06	1.59E-06	2.27E-04	1.05E-04	2.96E-03	1.69E-04	5.84E-05	3.30E-03	1.00E-04	0.00E+00	2.25E-06	1.59E-06	1.04E-04
4650	496363.09, 3859877.25	0.0491	0.07937	0.0272	0.01742	2.09E-04	0.00E+00	2.31E-06	1.50E-06	2.13E-04	9.86E-05	2.50E-03	1.73E-04	5.50E-05	2.83E-03	9.38E-05	0.00E+00	2.31E-06	1.50E-06	9.76E-05
4651	496863.09, 3859877.25	0.03975	0.0578	0.02318	0.01482	1.69E-04	0.00E+00	1.97E-06	1.28E-06	1.73E-04	7.98E-05	1.82E-03	1.48E-04	4.68E-05	2.10E-03	7.59E-05	0.00E+00	1.97E-06	1.28E-06	7.92E-05
4652	497363.09, 3859877.25	0.04507	0.0664	0.02549	0.01562	1.92E-04	0.00E+00	2.17E-06	1.35E-06	1.95E-04	9.05E-05	2.09E-03	1.63E-04	4.93E-05	2.39E-03	8.61E-05	0.00E+00	2.17E-06	1.35E-06	8.96E-05
4653	497863.09, 3859877.25	0.04672	0.0744	0.02421	0.01535	1.99E-04	0.00E+00	2.06E-06	1.32E-06	2.02E-04	9.38E-05	2.34E-03	1.54E-04	4.85E-05	2.64E-03	8.92E-05	0.00E+00	2.06E-06	1.32E-06	9.26E-05
4654	498363.09, 3859877.25	0.04626	0.07591	0.02361	0.01451	1.97E-04	0.00E+00	2.01E-06	1.25E-06	2.00E-04	9.29E-05	2.39E-03	1.51E-04	4.58E-05	2.68E-03	8.84E-05	0.00E+00	2.01E-06	1.25E-06	9.16E-05
4655	471363.09, 3860377.25	0.00982	0.00822	0.00307	0.00326	4.18E-05	0.00E+00	2.61E-07	2.81E-07	4.24E-05	1.97E-05	2.59E-04	1.96E-05	1.03E-05	3.09E-04	1.88E-05	0.00E+00	2.61E-07	2.81E-07	1.93E-05
4656	471863.09, 3860377.25	0.0104	0.00872	0.00316	0.00338	4.43E-05	0.00E+00	2.69E-07	2.91E-07	4.48E-05	2.09E-05	2.75E-04	2.02E-05	1.07E-05	3.26E-04	1.99E-05	0.00E+00	2.69E-07	2.91E-07	2.04E-05
4657	472363.09, 3860377.25	0.01104	0.00941	0.00323	0.0035	4.70E-05	0.00E+00	2.75E-07	3.01E-07	4.76E-05	2.22E-05	2.96E-04	2.06E-05	1.11E-05	3.50E-04	2.11E-05	0.00E+00	2.75E-07	3.01E-07	2.17E-05

4658	472863.09, 3860377.25	0.01175	0.01027	0.00329	0.0036	5.00E-05	0.00E+00	2.80E-07	3.10E-07	5.06E-05	2.36E-05	3.24E-04	2.10E-05	1.14E-05	3.79E-04	2.24E-05	0.00E+00	2.80E-07	3.10E-07	2.30E-05
4659	473363.09, 3860377.25	0.01255	0.01101	0.00342	0.0037	5.34E-05	0.00E+00	2.91E-07	3.19E-07	5.41E-05	2.52E-05	3.47E-04	2.18E-05	1.17E-05	4.06E-04	2.40E-05	0.00E+00	2.91E-07	3.19E-07	2.46E-05
4660	473863.09, 3860377.25	0.0135	0.01147	0.00369	0.00382	5.75E-05	0.00E+00	3.14E-07	3.29E-07	5.81E-05	2.71E-05	3.61E-04	2.35E-05	1.21E-05	4.24E-04	2.58E-05	0.00E+00	3.14E-07	3.29E-07	2.64E-05
4661	474363.09, 3860377.25	0.01445	0.01106	0.00434	0.00402	6.15E-05	0.00E+00	3.69E-07	3.46E-07	6.23E-05	2.90E-05	3.48E-04	2.77E-05	1.27E-05	4.18E-04	2.76E-05	0.00E+00	3.69E-07	3.46E-07	2.83E-05
4662	474863.09, 3860377.25	0.01508	0.00995	0.00663	0.00454	6.42E-05	0.00E+00	5.64E-07	3.91E-07	6.52E-05	3.03E-05	3.13E-04	4.23E-05	1.43E-05	4.00E-04	2.88E-05	0.00E+00	5.64E-07	3.91E-07	2.98E-05
4663	475363.09, 3860377.25	0.01432	0.00803	0.0079	0.00449	6.10E-05	0.00E+00	6.72E-07	3.87E-07	6.20E-05	2.88E-05	2.53E-04	5.04E-05	1.42E-05	3.46E-04	2.74E-05	0.00E+00	6.72E-07	3.87E-07	2.84E-05
4664	475863.09, 3860377.25	0.01237	0.00644	0.00695	0.00423	5.27E-05	0.00E+00	5.91E-07	3.64E-07	5.36E-05	2.48E-05	2.03E-04	4.43E-05	1.34E-05	2.85E-04	2.36E-05	0.00E+00	5.91E-07	3.64E-07	2.46E-05
4665	476363.09, 3860377.25	0.00959	0.00516	0.00534	0.00404	4.08E-05	0.00E+00	4.54E-07	3.48E-07	4.16E-05	1.93E-05	1.63E-04	3.41E-05	1.28E-05	2.29E-04	1.83E-05	0.00E+00	4.54E-07	3.48E-07	1.91E-05
4666	476863.09, 3860377.25	0.00848	0.00478	0.00507	0.00411	3.61E-05	0.00E+00	4.31E-07	3.54E-07	3.69E-05	1.70E-05	1.51E-04	3.23E-05	1.30E-05	2.13E-04	1.62E-05	0.00E+00	4.31E-07	3.54E-07	1.70E-05
4667	477363.09, 3860377.25	0.00479	0.00342	0.00434	0.00395	2.04E-05	0.00E+00	3.69E-07	3.40E-07	2.11E-05	9.62E-06	1.08E-04	2.77E-05	1.25E-05	1.58E-04	9.15E-06	0.00E+00	3.69E-07	3.40E-07	9.86E-06
4668	477863.09, 3860377.25	0.00638	0.00407	0.00501	0.00419	2.72E-05	0.00E+00	4.26E-07	3.61E-07	2.80E-05	1.28E-05	1.28E-04	3.20E-05	1.32E-05	1.86E-04	1.22E-05	0.00E+00	4.26E-07	3.61E-07	1.30E-05
4669	478363.09, 3860377.25	0.01285	0.00668	0.00788	0.00494	5.47E-05	0.00E+00	6.70E-07	4.25E-07	5.58E-05	2.58E-05	2.10E-04	5.03E-05	1.56E-05	3.02E-04	2.45E-05	0.00E+00	6.70E-07	4.25E-07	2.56E-05
4670	478863.09, 3860377.25	0.01862	0.01007	0.00894	0.00548	7.93E-05	0.00E+00	7.60E-07	4.72E-07	8.05E-05	3.74E-05	3.17E-04	5.70E-05	1.73E-05	4.29E-04	3.56E-05	0.00E+00	7.60E-07	4.72E-07	3.68E-05
4671	479363.09, 3860377.25	0.02364	0.01556	0.0091	0.00599	1.01E-04	0.00E+00	7.74E-07	5.16E-07	1.02E-04	4.75E-05	4.90E-04	5.80E-05	1.89E-05	6.15E-04	4.52E-05	0.00E+00	7.74E-07	5.16E-07	4.64E-05
4672	479863.09, 3860377.25	0.02661	0.0228	0.00855	0.00584	1.13E-04	0.00E+00	7.27E-07	5.03E-07	1.15E-04	5.34E-05	7.18E-04	5.45E-05	1.84E-05	8.45E-04	5.08E-05	0.00E+00	7.27E-07	5.03E-07	5.21E-05
4673	480363.09, 3860377.25	0.02848	0.02938	0.0085	0.00565	1.21E-04	0.00E+00	7.23E-07	4.87E-07	1.22E-04	5.72E-05	9.25E-04	5.42E-05	1.78E-05	1.05E-03	5.44E-05	0.00E+00	7.23E-07	4.87E-07	5.56E-05
4674	480863.09, 3860377.25	0.03001	0.03442	0.0087	0.00567	1.28E-04	0.00E+00	7.40E-07	4.88E-07	1.29E-04	6.03E-05	1.08E-03	5.55E-05	1.79E-05	1.22E-03	5.73E-05	0.00E+00	7.40E-07	4.88E-07	5.85E-05
4675	481363.09, 3860377.25	0.03198	0.03861	0.00898	0.00594	1.36E-04	0.00E+00	7.64E-07	5.11E-07	1.37E-04	6.42E-05	1.22E-03	5.73E-05	1.88E-05	1.36E-03	6.11E-05	0.00E+00	7.64E-07	5.11E-07	6.24E-05
4676	481863.09, 3860377.25	0.0349	0.04398	0.00918	0.00613	1.49E-04	0.00E+00	7.81E-07	5.28E-07	1.50E-04	7.01E-05	1.39E-03	5.86E-05	1.94E-05	1.53E-03	6.67E-05	0.00E+00	7.81E-07	5.28E-07	6.80E-05
4677	482363.09, 3860377.25	0.03806	0.04878	0.00938	0.00646	1.62E-04	0.00E+00	7.98E-07	5.56E-07	1.63E-04	7.64E-05	1.54E-03	5.98E-05	2.04E-05	1.69E-03	7.27E-05	0.00E+00	7.98E-07	5.56E-07	7.40E-05
4678	482863.09, 3860377.25	0.04051	0.05396	0.00983	0.00677	1.73E-04	0.00E+00	8.36E-07	5.83E-07	1.74E-04	8.14E-05	1.70E-03	6.27E-05	2.14E-05	1.87E-03	7.74E-05	0.00E+00	8.36E-07	5.83E-07	7.88E-05
4679	483363.09, 3860377.25	0.04298	0.06294	0.0106	0.00724	1.83E-04	0.00E+00	9.01E-07	6.23E-07	1.85E-04	8.63E-05	1.98E-03	6.76E-05	2.29E-05	2.16E-03	8.21E-05	0.00E+00	9.01E-07	6.23E-07	8.36E-05
4680	483863.09, 3860377.25	0.04564	0.07074	0.01131	0.00787	1.94E-04	0.00E+00	9.62E-07	6.78E-07	1.96E-04	9.17E-05	2.23E-03	7.21E-05	2.48E-05	2.42E-03	8.72E-05	0.00E+00	9.62E-07	6.78E-07	8.88E-05
4681	484363.09, 3860377.25	0.04483	0.0843	0.01131	0.00858	1.91E-04	0.00E+00	9.62E-07	7.39E-07	1.93E-04	9.00E-05	2.66E-03	7.21E-05	2.71E-05	2.84E-03	8.56E-05	0.00E+00	9.62E-07	7.39E-07	8.73E-05
4682	484863.09, 3860377.25	0.04513	0.09802	0.01126	0.00901	1.92E-04	0.00E+00	9.58E-07	7.76E-07	1.94E-04	9.06E-05	3.09E-03	7.18E-05	2.84E-05	3.28E-03	8.62E-05	0.00E+00	9.58E-07	7.76E-07	8.79E-05
4683	485363.09, 3860377.25	0.04351	0.11641	0.01036	0.00959	1.85E-04	0.00E+00	8.81E-07	8.26E-07	1.87E-04	8.74E-05	3.67E-03	6.61E-05	3.03E-05	3.85E-03	8.31E-05	0.00E+00	8.81E-07	8.26E-07	8.48E-05
4684	485863.09, 3860377.25	0.04292	0.14195	0.00921	0.01087	1.83E-04	0.00E+00	7.83E-07	9.36E-07	1.85E-04	8.62E-05	4.47E-03	5.87E-05	3.43E-05	4.65E-03	8.20E-05	0.00E+00	7.83E-07	9.36E-07	8.37E-05
4685	486363.09, 3860377.25	0.04206	0.17392	0.00756	0.01291	1.79E-04	0.00E+00	6.43E-07	1.11E-06	1.81E-04	8.45E-05	5.48E-03	4.82E-05	4.08E-05	5.65E-03	8.03E-05	0.00E+00	6.43E-07	1.11E-06	8.21E-05
4686	486863.09, 3860377.25	0.04146	0.22098	0.00706	0.01691	1.77E-04	0.00E+00	6.00E-07	1.46E-06	1.79E-04	8.33E-05	6.96E-03	4.50E-05	5.34E-05	7.14E-03	7.92E-05	0.00E+00	6.00E-07	1.46E-06	8.12E-05
4687	487363.09, 3860377.25	0.04181	0.34314	0.00673	0.0241	1.78E-04	0.00E+00	5.72E-07	2.08E-06	1.81E-04	8.40E-05	1.08E-02	4.29E-05	7.61E-05	1.10E-02	7.99E-05	0.00E+00	5.72E-07	2.08E-06	8.25E-05
4688	487863.09, 3860377.25	0.04313	1.74554	0.00858	0.04693	1.84E-04	0.00E+00	7.30E-07	4.04E-06	1.88E-04	8.66E-05	5.50E-02	5.47E-05	1.48E-04	5.53E-02	8.24E-05	0.00E+00	7.30E-07	4.04E-06	8.71E-05
4689	488363.09, 3860377.25	0.0439	2.48541	0.00788	0.10854	1.87E-04	0.00E+00	6.70E-07	9.35E-06	1.97E-04	8.82E-05	7.83E-02	5.03E-05	3.43E-04	7.88E-02	8.38E-05	0.00E+00	6.70E-07	9.35E-06	9.39E-05
4690	488863.09, 3860377.25	0.04591	2.71093	0.00643	0.14171	1.96E-04	0.00E+00	5.47E-07	1.22E-05	2.08E-04	9.22E-05	8.54E-02	4.10E-05	4.47E-04	8.60E-02	8.77E-05	0.00E+00	5.47E-07	1.22E-05	1.00E-04
4691	489363.09, 3860377.25	0.04691	1.21347	0.00835	0.0723	2.00E-04	0.00E+00	7.10E-07	6.23E-06	2.07E-04	9.42E-05	3.82E-02	5.33E-05	2.28E-04	3.86E-02	8.96E-05	0.00E+00	7.10E-07	6.23E-06	9.65E-05
4692	489863.09, 3860377.25	0.0482	0.62939	0.01109	0.04862	2.05E-04	0.00E+00	9.43E-07	4.19E-06	2.10E-04	9.68E-05	1.98E-02	7.07E-05	1.54E-04	2.01E-02	9.21E-05	0.00E+00	9.43E-07	4.19E-06	9.72E-05
4693	490363.09, 3860377.25	0.04995	0.44391	0.01151	0.03807	2.13E-04	0.00E+00	9.79E-07	3.28E-06	2.17E-04	1.00E-04	1.40E-02	7.34E-05	1.20E-04	1.43E-02	9.54E-05	0.00E+00	9.79E-07	3.28E-06	9.97E-05
4694	490863.09, 3860377.25	0.04769	0.34751	0.01243	0.03126	2.03E-04	0.00E+00	1.06E-06	2.69E-06	2.07E-04	9.58E-05	1.09E-02	7.93E-05	9.87E-05	1.12E-02	9.11E-05	0.00E+00	1.06E-06	2.69E-06	9.48E-05
4695	491363.09, 3860377.25	0.04455	0.28499	0.01231	0.02671	1.90E-04	0.00E+00	1.05E-06	2.30E-06	1.93E-04	8.95E-05	8.98E-03	7.85E-05	8.43E-05	9.23E-03	8.51E-05	0.00E+00	1.05E-06	2.30E-06	8.84E-05
4696	491863.09, 3860377.25	0.04422	0.24284	0.01317	0.024	1.88E-04	0.00E+00	1.12E-06	2.07E-06	1.92E-04	8.88E-05	7.65E-03	8.40E-05	7.58E-05	7.90E-03	8.45E-05	0.00E+00	1.12E-06	2.07E-06	8.76E-05
4697	492363.09, 3860377.25	0.04602	0.21162	0.0142	0.0223	1.96E-04	0.00E+00	1.21E-06	1.92E-06	1.99E-04	9.24E-05	6.67E-03	9.06E-05	7.04E-05	6.92E-03	8.79E-05	0.00E+00	1.21E-06	1.92E-06	9.10E-05
4698	492863.09, 3860377.25	0.04809	0.1866	0.01455	0.02064	2.05E-04	0.00E+00	1.24E-06	1.78E-06	2.08E-04	9.66E-05	5.88E-03	9.28E-05	6.52E-05	6.13E-03	9.18E-05	0.00E+00	1.24E-06	1.78E-06	9.49E-05
4699	493363.09, 3860377.25	0.05097	0.16415	0.01589	0.01898	2.17E-04	0.00E+00	1.35E-06	1.63E-06	2.20E-04	1.02E-04	5.17E-03	1.01E-04	5.99E-05	5.43E-03	9.73E-05	0.00E+00	1.35E-06	1.63E-06	1.00E-04
4700	493863.09, 3860377.25	0.05121	0.14897	0.01695	0.018	2.18E-04	0.00E+00	1.44E-06	1.55E-06	2.21E-04	1.03E-04	4.69E-03	1.08E-04	5.68E-05	4.96E-03	9.78E-05	0.00E+00	1.44E-06	1.55E-06	1.01E-04
4701	494363.09, 3860377.25	0.05074	0.13329	0.01721	0.01697	2.16E-04	0.00E+00	1.46E-06	1.46E-06	2.19E-04	1.02E-04	4.20E-03	1.10E-04	5.36E-05	4.46E-03	9.69E-05	0.00E+00	1.46E-06	1.46E-06	9.98E-05
4702	494863.09, 3860377.25	0.04896	0.12294	0.01767	0.01621	2.09E-04	0.00E+00	1.50E-06	1.40E-06	2.11E-04	9.83E-05	3.87E-03	1.13E-04	5.12E-05	4.13E-03	9.35E-05	0.00E+00	1.50E-06	1.40E-06	9.64E-05
4703	495363.09, 3860377.25	0.04762	0.11111	0.01759	0.01544	2.03E-04	0.00E+00	1.50E-06	1.33E-06	2.06E-04	9.56E-05	3.50E-03	1.12E-04	4.87E-05	3.76E-03	9.10E-05	0.00E+00	1.50E-06	1.33E-06	9.38E-05
4704	495863.09, 3860377.25	0.04606	0.09556	0.01826	0.01502	1.96E-04	0.00E+00	1.55E-06	1.29E-06	1.99E-04	9.25E-05	3.01E-03	1.16E-04	4.74E-05	3.27E-03	8.80E-05	0.00E+00	1.55E-06	1.29E-06	9.08E-05
4705	496363.09, 3860377.25	0.04404	0.08099	0.02049	0.01478	1.88E-04	0.00E+00	1.74E-06	1.27E-06	1.91E-04	8.85E-05	2.55E-03	1.31E-04	4.67E-05	2.82E-03	8.41E-05	0.00E+00	1.74E-06	1.27E-06	8.71E-05
4706	496863.09, 3860377.25	0.04204	0.07013	0.02211	0.01413	1.79E-04	0.00E+00	1.88E-06	1.22E-06	1.82E-04	8.44E-05	2.21E-03	1.41E-04	4.46E-05	2.48E-03	8.03E-05	0.00E+00	1.88E-06	1.22E-06	8.34E-05
4707	497363.09, 3860377.25	0.03903	0.05939	0.02222	0.0132	1.66E-04	0.00E+00	1.89E-06	1.14E-06	1.69E-04	7.84E-05	1.87E-03	1.42E-04	4.17E-05	2.13E-03	7.45E-05	0.00E+00	1.89E-06	1.14E-06	7.76E-05
4708	497863.09, 3860377.25	0.04072	0.06655	0.02079	0.01332	1.73E-04	0.00E+00	1.77E-06	1.15E-06	1.76E-04	8.18E-05	2.10E-03	1.33E-04	4.21E-05	2.35E-03	7.78E-05	0.00E+00	1.77E-06	1.15E-06	8.07E-05
4709	498363.09, 3860377.25	0.04056	0.07063	0.01891	0.01254	1.73E-04	0.00E+00	1.61E-06	1.08E-06	1.75E-04	8.15E-05	2.22E-03	1.21E-04	3.96E-05	2.47E-03	7.75E-05	0.00E+00	1.61E-06	1.08E-06	8.02E-05
4710	471363.09, 3860877.25	0.00995	0.00873	0.00321	0.00323	4.24E-05	0.00E+00	2.73E-07	2.78E-07	4.29E-05	2.00E-05	2.75E-04	2.05E-05	1.02E-05	3.26E-04	1.90E-05	0.00E+00	2.73E-07	2.78E-07	1.96E-05
4711	471863.09, 3860877.25	0.01051	0.00931	0.00338	0.00332	4.48E-05	0.00E+00	2.87E-07	2.86E-07	4.53E-05	2.11E-05	2.93E-04	2.16E-05	1.05E-05	3.46E-04	2.01E-05	0.00E+00	2.87E-07	2.86E-07	2.06E-05
4712	472363.09, 3860877.25	0.01117	0.00986	0.00359	0.00341	4.76E-05	0.00E+00	3.05E-07	2.94E-07	4.82E-05	2.24E-05	3.11E-04	2.29E-05	1.08E-05	3.67E-04	2.13E-05	0.00E+00	3.05E-07	2.94E-07	2.19E-05
4713	472863.09, 3860877.25	0.01199	0.01056	0.00376	0.00346	5.11E-05	0.00E+00	3.20E-07	2.98E-07	5.17E-05	2.41E-05	3.33E-04	2.40E-05	1.09E-05	3.92E-04	2.29E-05	0.00E+00	3.20E-07	2.98E-07	2.35E-05
4714	473363.09, 3860877.25	0.0129	0.01104	0.00405	0.00355	5.49E-05	0.00E+00	3.44E-07	3.06E-07	5.56E-05	2.59E-05	3.48E-04	2.58E-05	1.12E-05	4.11E-04	2.46E-05	0.00E+00	3.44E-07	3.06E-07	2.53E-05
4715	473863.09, 3860877.25	0.01384	0.01145	0.00442	0.00366	5.89E-05	0.00E+00	3.76E-07	3.15E-07	5.96E-05	2.78E-05	3.61E-04	2.82E-05	1.16E-05	4.28E-04	2.64E-05	0.00E+00	3.76E-07	3.15E-07	2.71E-05
4716	474363.09, 3860877.25	0.01469	0.01172	0.0049	0.00381	6.26E-05	0.00E+00	4.17E-07	3.28E-07	6.33E-05	2.95E-05	3.69E-04	3.13E-05	1.20E-05	4.42E-04	2.81E-05	0.00E+00	4.17E-07	3.28E-07	2.88E-05

4717	474863.09, 3860877.25	0.01539	0.01217	0.00567	0.00413	6.55E-05	0.00E+00	4.82E-07	3.56E-07	6.64E-05	3.09E-05	3.83E-04	3.62E-05	1.30E-05	4.63E-04	2.94E-05	0.00E+00	4.82E-07	3.56E-07	3.02E-05
4718	475363.09, 3860877.25	0.01575	0.01158	0.00681	0.00444	6.71E-05	0.00E+00	5.79E-07	3.82E-07	6.80E-05	3.16E-05	3.65E-04	4.34E-05	1.40E-05	4.54E-04	3.01E-05	0.00E+00	5.79E-07	3.82E-07	3.10E-05
4719	475863.09, 3860877.25	0.01554	0.0102	0.00812	0.0047	6.62E-05	0.00E+00	6.91E-07	4.05E-07	6.73E-05	3.12E-05	3.21E-04	5.18E-05	1.48E-05	4.19E-04	2.97E-05	0.00E+00	6.91E-07	4.05E-07	3.08E-05
4720	476363.09, 3860877.25	0.01456	0.00849	0.00858	0.00482	6.20E-05	0.00E+00	7.30E-07	4.15E-07	6.32E-05	2.92E-05	2.67E-04	5.47E-05	1.52E-05	3.67E-04	2.78E-05	0.00E+00	7.30E-07	4.15E-07	2.90E-05
4721	476863.09, 3860877.25	0.0143	0.00792	0.00838	0.00493	6.09E-05	0.00E+00	7.13E-07	4.25E-07	6.20E-05	2.87E-05	2.49E-04	5.35E-05	1.56E-05	3.47E-04	2.73E-05	0.00E+00	7.13E-07	4.25E-07	2.84E-05
4722	477363.09, 3860877.25	0.01491	0.00812	0.00833	0.00508	6.35E-05	0.00E+00	7.08E-07	4.37E-07	6.46E-05	2.99E-05	2.56E-04	5.31E-05	1.60E-05	3.55E-04	2.85E-05	0.00E+00	7.08E-07	4.37E-07	2.96E-05
4723	477863.09, 3860877.25	0.01329	0.00689	0.00761	0.0048	5.66E-05	0.00E+00	6.47E-07	4.13E-07	5.77E-05	2.67E-05	2.17E-04	4.85E-05	1.52E-05	3.07E-04	2.54E-05	0.00E+00	6.47E-07	4.13E-07	2.64E-05
4724	478363.09, 3860877.25	0.00786	0.00454	0.00614	0.00407	3.35E-05	0.00E+00	5.22E-07	3.50E-07	3.43E-05	1.58E-05	1.43E-04	3.92E-05	1.29E-05	2.11E-04	1.50E-05	0.00E+00	5.22E-07	3.50E-07	1.59E-05
4725	478863.09, 3860877.25	0.01708	0.00927	0.00865	0.00585	7.27E-05	0.00E+00	7.36E-07	5.04E-07	7.40E-05	3.43E-05	2.92E-04	5.52E-05	1.85E-05	4.00E-04	3.26E-05	0.00E+00	7.36E-07	5.04E-07	3.39E-05
4726	479363.09, 3860877.25	0.02144	0.0154	0.00909	0.00635	9.13E-05	0.00E+00	7.73E-07	5.47E-07	9.26E-05	4.31E-05	4.85E-04	5.80E-05	2.00E-05	6.06E-04	4.09E-05	0.00E+00	7.73E-07	5.47E-07	4.23E-05
4727	479863.09, 3860877.25	0.02342	0.02246	0.00825	0.00534	9.97E-05	0.00E+00	7.02E-07	4.60E-07	1.01E-04	4.70E-05	7.07E-04	5.26E-05	1.69E-05	8.24E-04	4.47E-05	0.00E+00	7.02E-07	4.60E-07	4.59E-05
4728	480363.09, 3860877.25	0.02495	0.0286	0.00801	0.00513	1.06E-04	0.00E+00	6.81E-07	4.42E-07	1.07E-04	5.01E-05	9.01E-04	5.11E-05	1.62E-05	1.02E-03	4.77E-05	0.00E+00	6.81E-07	4.42E-07	4.88E-05
4729	480863.09, 3860877.25	0.02663	0.03281	0.00797	0.00526	1.13E-04	0.00E+00	6.78E-07	4.53E-07	1.15E-04	5.35E-05	1.03E-03	5.08E-05	1.66E-05	1.15E-03	5.09E-05	0.00E+00	6.78E-07	4.53E-07	5.20E-05
4730	481363.09, 3860877.25	0.02888	0.03726	0.00808	0.00548	1.23E-04	0.00E+00	6.87E-07	4.72E-07	1.24E-04	5.80E-05	1.17E-03	5.15E-05	1.73E-05	1.30E-03	5.52E-05	0.00E+00	6.87E-07	4.72E-07	5.63E-05
4731	481863.09, 3860877.25	0.03139	0.04091	0.00848	0.00564	1.34E-04	0.00E+00	7.21E-07	4.86E-07	1.35E-04	6.30E-05	1.29E-03	5.41E-05	1.78E-05	1.42E-03	6.00E-05	0.00E+00	7.21E-07	4.86E-07	6.12E-05
4732	482363.09, 3860877.25	0.03336	0.04598	0.00911	0.00591	1.42E-04	0.00E+00	7.75E-07	5.09E-07	1.43E-04	6.70E-05	1.45E-03	5.81E-05	1.87E-05	1.59E-03	6.37E-05	0.00E+00	7.75E-07	5.09E-07	6.50E-05
4733	482863.09, 3860877.25	0.03514	0.05054	0.00964	0.00619	1.50E-04	0.00E+00	8.20E-07	5.33E-07	1.51E-04	7.06E-05	1.59E-03	6.15E-05	1.95E-05	1.74E-03	6.71E-05	0.00E+00	8.20E-07	5.33E-07	6.85E-05
4734	483363.09, 3860877.25	0.03749	0.05549	0.00997	0.00671	1.60E-04	0.00E+00	8.48E-07	5.78E-07	1.61E-04	7.53E-05	1.75E-03	6.36E-05	2.12E-05	1.91E-03	7.16E-05	0.00E+00	8.48E-07	5.78E-07	7.30E-05
4735	483863.09, 3860877.25	0.03882	0.0616	0.0103	0.00723	1.65E-04	0.00E+00	8.76E-07	6.23E-07	1.67E-04	7.80E-05	1.94E-03	6.57E-05	2.28E-05	2.11E-03	7.41E-05	0.00E+00	8.76E-07	6.23E-07	7.56E-05
4736	484363.09, 3860877.25	0.0388	0.0713	0.01003	0.00768	1.65E-04	0.00E+00	8.53E-07	6.61E-07	1.67E-04	7.79E-05	2.25E-03	6.40E-05	2.42E-05	2.41E-03	7.41E-05	0.00E+00	8.53E-07	6.61E-07	7.56E-05
4737	484863.09, 3860877.25	0.0374	0.08216	0.00894	0.00795	1.59E-04	0.00E+00	7.60E-07	6.85E-07	1.61E-04	7.51E-05	2.59E-03	5.70E-05	2.51E-05	2.75E-03	7.14E-05	0.00E+00	7.60E-07	6.85E-07	7.29E-05
4738	485363.09, 3860877.25	0.0362	0.09488	0.00814	0.00835	1.54E-04	0.00E+00	6.92E-07	7.19E-07	1.56E-04	7.27E-05	2.99E-03	5.19E-05	2.64E-05	3.14E-03	6.91E-05	0.00E+00	6.92E-07	7.19E-07	7.06E-05
4739	485863.09, 3860877.25	0.03607	0.11059	0.00704	0.00892	1.54E-04	0.00E+00	5.99E-07	7.68E-07	1.55E-04	7.24E-05	3.48E-03	4.49E-05	2.82E-05	3.63E-03	6.89E-05	0.00E+00	5.99E-07	7.68E-07	7.03E-05
4740	486363.09, 3860877.25	0.03479	0.12831	0.00683	0.01007	1.48E-04	0.00E+00	5.81E-07	8.67E-07	1.50E-04	6.99E-05	4.04E-03	4.36E-05	3.18E-05	4.19E-03	6.64E-05	0.00E+00	5.81E-07	8.67E-07	6.79E-05
4741	486863.09, 3860877.25	0.03444	0.15538	0.00567	0.01185	1.47E-04	0.00E+00	4.82E-07	1.02E-06	1.48E-04	6.92E-05	4.89E-03	3.62E-05	3.74E-05	5.04E-03	6.58E-05	0.00E+00	4.82E-07	1.02E-06	6.73E-05
4742	487363.09, 3860877.25	0.0347	0.20109	0.00614	0.01423	1.48E-04	0.00E+00	5.22E-07	1.23E-06	1.50E-04	6.97E-05	6.33E-03	3.92E-05	4.49E-05	6.49E-03	6.63E-05	0.00E+00	5.22E-07	1.23E-06	6.80E-05
4743	487863.09, 3860877.25	0.03501	0.25579	0.00782	0.01743	1.49E-04	0.00E+00	6.65E-07	1.50E-06	1.51E-04	7.03E-05	8.06E-03	4.99E-05	5.50E-05	8.23E-03	6.69E-05	0.00E+00	6.65E-07	1.50E-06	6.90E-05
4744	488363.09, 3860877.25	0.03613	0.32132	0.00732	0.02142	1.54E-04	0.00E+00	6.23E-07	1.84E-06	1.56E-04	7.26E-05	1.01E-02	4.67E-05	6.76E-05	1.03E-02	6.90E-05	0.00E+00	6.23E-07	1.84E-06	7.15E-05
4745	488863.09, 3860877.25	0.03685	0.34221	0.00553	0.02	1.57E-04	0.00E+00	4.70E-07	1.72E-06	1.59E-04	7.40E-05	1.08E-02	3.53E-05	6.31E-05	1.10E-02	7.04E-05	0.00E+00	4.70E-07	1.72E-06	7.26E-05
4746	489363.09, 3860877.25	0.03844	0.33954	0.00602	0.02132	1.64E-04	0.00E+00	5.12E-07	1.84E-06	1.66E-04	7.72E-05	1.07E-02	3.84E-05	6.73E-05	1.09E-02	7.34E-05	0.00E+00	5.12E-07	1.84E-06	7.58E-05
4747	489863.09, 3860877.25	0.03819	0.30185	0.0083	0.0192	1.63E-04	0.00E+00	7.06E-07	1.65E-06	1.65E-04	7.67E-05	9.51E-03	5.29E-05	6.06E-05	9.70E-03	7.29E-05	0.00E+00	7.06E-07	1.65E-06	7.53E-05
4748	490363.09, 3860877.25	0.03893	0.265	0.00952	0.01782	1.66E-04	0.00E+00	8.10E-07	1.53E-06	1.68E-04	7.82E-05	8.35E-03	6.07E-05	5.63E-05	8.54E-03	7.44E-05	0.00E+00	8.10E-07	1.53E-06	7.67E-05
4749	490863.09, 3860877.25	0.04074	0.23131	0.00972	0.01672	1.73E-04	0.00E+00	8.27E-07	1.44E-06	1.76E-04	8.18E-05	7.29E-03	6.20E-05	5.28E-05	7.48E-03	7.78E-05	0.00E+00	8.27E-07	1.44E-06	8.01E-05
4750	491363.09, 3860877.25	0.03945	0.20488	0.01036	0.01591	1.68E-04	0.00E+00	8.81E-07	1.37E-06	1.70E-04	7.92E-05	6.45E-03	6.61E-05	5.02E-05	6.65E-03	7.53E-05	0.00E+00	8.81E-07	1.37E-06	7.76E-05
4751	491863.09, 3860877.25	0.03706	0.18389	0.01007	0.01526	1.58E-04	0.00E+00	8.56E-07	1.31E-06	1.60E-04	7.44E-05	5.79E-03	6.42E-05	4.82E-05	5.98E-03	7.08E-05	0.00E+00	8.56E-07	1.31E-06	7.30E-05
4752	492363.09, 3860877.25	0.03562	0.16252	0.01016	0.01435	1.52E-04	0.00E+00	8.64E-07	1.24E-06	1.54E-04	7.15E-05	5.12E-03	6.48E-05	4.53E-05	5.30E-03	6.80E-05	0.00E+00	8.64E-07	1.24E-06	7.01E-05
4753	492863.09, 3860877.25	0.03606	0.14823	0.0109	0.01387	1.54E-04	0.00E+00	9.27E-07	1.19E-06	1.56E-04	7.24E-05	4.67E-03	6.95E-05	4.38E-05	4.85E-03	6.89E-05	0.00E+00	9.27E-07	1.19E-06	7.10E-05
4754	493363.09, 3860877.25	0.0378	0.13704	0.01133	0.01377	1.61E-04	0.00E+00	9.64E-07	1.19E-06	1.63E-04	7.59E-05	4.32E-03	7.23E-05	4.35E-05	4.51E-03	7.22E-05	0.00E+00	9.64E-07	1.19E-06	7.43E-05
4755	493863.09, 3860877.25	0.03951	0.12566	0.01137	0.01337	1.68E-04	0.00E+00	9.67E-07	1.15E-06	1.70E-04	7.94E-05	3.96E-03	7.25E-05	4.22E-05	4.15E-03	7.55E-05	0.00E+00	9.67E-07	1.15E-06	7.76E-05
4756	494363.09, 3860877.25	0.04101	0.11596	0.01188	0.01309	1.75E-04	0.00E+00	1.01E-06	1.13E-06	1.77E-04	8.24E-05	3.65E-03	7.58E-05	4.13E-05	3.85E-03	7.83E-05	0.00E+00	1.01E-06	1.13E-06	8.05E-05
4757	494863.09, 3860877.25	0.04166	0.10759	0.01278	0.01298	1.77E-04	0.00E+00	1.09E-06	1.12E-06	1.80E-04	8.37E-05	3.39E-03	8.15E-05	4.10E-05	3.60E-03	7.96E-05	0.00E+00	1.09E-06	1.12E-06	8.18E-05
4758	495363.09, 3860877.25	0.04126	0.10001	0.01357	0.01259	1.76E-04	0.00E+00	1.15E-06	1.08E-06	1.78E-04	8.29E-05	3.15E-03	8.66E-05	3.98E-05	3.36E-03	7.88E-05	0.00E+00	1.15E-06	1.08E-06	8.10E-05
4759	495863.09, 3860877.25	0.0401	0.09333	0.0139	0.01228	1.71E-04	0.00E+00	1.18E-06	1.06E-06	1.73E-04	8.05E-05	2.94E-03	8.87E-05	3.88E-05	3.15E-03	7.66E-05	0.00E+00	1.18E-06	1.06E-06	7.88E-05
4760	496363.09, 3860877.25	0.03941	0.08652	0.01437	0.01176	1.68E-04	0.00E+00	1.22E-06	1.01E-06	1.70E-04	7.92E-05	2.73E-03	9.17E-05	3.71E-05	2.93E-03	7.53E-05	0.00E+00	1.22E-06	1.01E-06	7.75E-05
4761	496863.09, 3860877.25	0.03839	0.07571	0.01436	0.01165	1.63E-04	0.00E+00	1.22E-06	1.00E-06	1.66E-04	7.71E-05	2.38E-03	9.16E-05	3.68E-05	2.59E-03	7.33E-05	0.00E+00	1.22E-06	1.00E-06	7.55E-05
4762	497363.09, 3860877.25	0.03741	0.07131	0.01478	0.01136	1.59E-04	0.00E+00	1.26E-06	9.78E-07	1.62E-04	7.51E-05	2.25E-03	9.43E-05	3.59E-05	2.45E-03	7.15E-05	0.00E+00	1.26E-06	9.78E-07	7.37E-05
4763	497863.09, 3860877.25	0.03644	0.06571	0.01555	0.0112	1.55E-04	0.00E+00	1.32E-06	9.64E-07	1.57E-04	7.32E-05	2.07E-03	9.92E-05	3.54E-05	2.28E-03	6.96E-05	0.00E+00	1.32E-06	9.64E-07	7.19E-05
4764	498363.09, 3860877.25	0.0359	0.06575	0.01514	0.01071	1.53E-04	0.00E+00	1.29E-06	9.22E-07	1.55E-04	7.21E-05	2.07E-03	9.66E-05	3.38E-05	2.27E-03	6.86E-05	0.00E+00	1.29E-06	9.22E-07	7.08E-05
4765	471363.09, 3861377.25	0.01002	0.0091	0.00376	0.00313	4.27E-05	0.00E+00	3.20E-07	2.70E-07	4.33E-05	2.01E-05	2.87E-04	2.40E-05	9.88E-06	3.41E-04	1.91E-05	0.00E+00	3.20E-07	2.70E-07	1.97E-05
4766	471863.09, 3861377.25	0.01067	0.00955	0.00399	0.00318	4.54E-05	0.00E+00	3.39E-07	2.74E-07	4.61E-05	2.14E-05	3.01E-04	2.55E-05	1.00E-05	3.58E-04	2.04E-05	0.00E+00	3.39E-07	2.74E-07	2.10E-05
4767	472363.09, 3861377.25	0.01141	0.01	0.00425	0.00325	4.86E-05	0.00E+00	3.61E-07	2.80E-07	4.92E-05	2.29E-05	3.15E-04	2.71E-05	1.03E-05	3.75E-04	2.18E-05	0.00E+00	3.61E-07	2.80E-07	2.24E-05
4768	472863.09, 3861377.25	0.01217	0.0106	0.00447	0.0033	5.18E-05	0.00E+00	3.80E-07	2.84E-07	5.25E-05	2.44E-05	3.34E-04	2.85E-05	1.04E-05	3.97E-04	2.32E-05	0.00E+00	3.80E-07	2.84E-07	2.39E-05
4769	473363.09, 3861377.25	0.01287	0.01111	0.00477	0.00339	5.48E-05	0.00E+00	4.06E-07	2.92E-07	5.55E-05	2.58E-05	3.50E-04	3.04E-05	1.07E-05	4.17E-04	2.46E-05	0.00E+00	4.06E-07	2.92E-07	2.53E-05
4770	473863.09, 3861377.25	0.01347	0.01148	0.00512	0.00353	5.74E-05	0.00E+00	4.35E-07	3.04E-07	5.81E-05	2.71E-05	3.62E-04	3.27E-05	1.11E-05	4.32E-04	2.57E-05	0.00E+00	4.35E-07	3.04E-07	2.65E-05
4771	474363.09, 3861377.25	0.01396	0.01227	0.00535	0.00362	5.95E-05	0.00E+00	4.55E-07	3.12E-07	6.02E-05	2.80E-05	3.87E-04	3.41E-05	1.14E-05	4.60E-04	2.67E-05	0.00E+00	4.55E-07	3.12E-07	2.74E-05
4772	474863.09, 3861377.25	0.01434	0.01252	0.0057	0.00379	6.11E-05	0.00E+00	4.85E-07	3.26E-07	6.19E-05	2.88E-05	3.94E-04	3.64E-05	1.20E-05	4.72E-04	2.74E-05	0.00E+00	4.85E-07	3.26E-07	2.82E-05
4773	475363.09, 3861377.25	0.01482	0.01336	0.00586	0.00389	6.31E-05	0.00E+00	4.98E-07	3.35E-07	6.39E-05	2.98E-05	4.21E-04	3.74E-05	1.23E-05	5.00E-04	2.83E-05	0.00E+00	4.98E-07	3.35E-07	2.91E-05
4774	475863.09, 3861377.25	0.01528	0.01327	0.00626	0.00429	6.51E-05	0.00E+00	5.32E-07	3.69E-07	6.60E-05	3.07E-05	4.18E-04	3.99E-05	1.35E-05	5.02E-04	2.92E-05	0.00E+00	5.32E-07	3.69E-07	3.01E-05
4775	476363.09, 3861377.25	0.01574	0.01258	0.0066	0.00467	6.70E-05	0.00E+00	5.61E-07	4.02E-07	6.80E-05	3.16E-05	3.96E-04	4.21E-05	1.47E-05	4.85E-04	3.01E-05	0.00E+00	5.61E-07	4.02E-07	3.10E-05

4776	476863.09, 3861377.25	0.0162	0.01213	0.00686	0.00498	6.90E-05	0.00E+00	5.83E-07	4.29E-07	7.00E-05	3.25E-05	3.82E-04	4.38E-05	1.57E-05	4.74E-04	3.09E-05	0.00E+00	5.83E-07	4.29E-07	3.20E-05
4777	477363.09, 3861377.25	0.01668	0.01194	0.00725	0.00524	7.10E-05	0.00E+00	6.17E-07	4.51E-07	7.21E-05	3.35E-05	3.76E-04	4.62E-05	1.65E-05	4.72E-04	3.19E-05	0.00E+00	6.17E-07	4.51E-07	3.29E-05
4778	477863.09, 3861377.25	0.01531	0.00895	0.00816	0.00527	6.52E-05	0.00E+00	6.94E-07	4.54E-07	6.63E-05	3.08E-05	2.82E-04	5.20E-05	1.66E-05	3.81E-04	2.92E-05	0.00E+00	6.94E-07	4.54E-07	3.04E-05
4779	478363.09, 3861377.25	0.00967	0.0052	0.00697	0.00409	4.12E-05	0.00E+00	5.93E-07	3.52E-07	4.21E-05	1.94E-05	1.64E-04	4.45E-05	1.29E-05	2.41E-04	1.85E-05	0.00E+00	5.93E-07	3.52E-07	1.94E-05
4780	478863.09, 3861377.25	0.01181	0.00637	0.00839	0.00462	5.03E-05	0.00E+00	7.14E-07	3.98E-07	5.14E-05	2.37E-05	2.01E-04	5.35E-05	1.46E-05	2.92E-04	2.26E-05	0.00E+00	7.14E-07	3.98E-07	2.37E-05
4781	479363.09, 3861377.25	0.01865	0.01416	0.01054	0.00602	7.94E-05	0.00E+00	8.96E-07	5.18E-07	8.08E-05	3.75E-05	4.46E-04	6.72E-05	1.90E-05	5.70E-04	3.56E-05	0.00E+00	8.96E-07	5.18E-07	3.70E-05
4782	479863.09, 3861377.25	0.0211	0.02173	0.00764	0.00499	8.99E-05	0.00E+00	6.50E-07	4.30E-07	9.09E-05	4.24E-05	6.84E-04	4.87E-05	1.58E-05	7.91E-04	4.03E-05	0.00E+00	6.50E-07	4.30E-07	4.14E-05
4783	480363.09, 3861377.25	0.02271	0.02828	0.00714	0.00482	9.67E-05	0.00E+00	6.07E-07	4.15E-07	9.77E-05	4.56E-05	8.91E-04	4.55E-05	1.52E-05	9.97E-04	4.34E-05	0.00E+00	6.07E-07	4.15E-07	4.44E-05
4784	480863.09, 3861377.25	0.02435	0.03209	0.00747	0.00502	1.04E-04	0.00E+00	6.35E-07	4.32E-07	1.05E-04	4.89E-05	1.01E-03	4.76E-05	1.59E-05	1.12E-03	4.65E-05	0.00E+00	6.35E-07	4.32E-07	4.76E-05
4785	481363.09, 3861377.25	0.02618	0.0357	0.00801	0.00516	1.11E-04	0.00E+00	6.81E-07	4.44E-07	1.13E-04	5.26E-05	1.12E-03	5.11E-05	1.63E-05	1.24E-03	5.00E-05	0.00E+00	6.81E-07	4.44E-07	5.11E-05
4786	481863.09, 3861377.25	0.02804	0.03861	0.00845	0.00537	1.19E-04	0.00E+00	7.19E-07	4.62E-07	1.21E-04	5.63E-05	1.22E-03	5.39E-05	1.70E-05	1.34E-03	5.36E-05	0.00E+00	7.19E-07	4.62E-07	5.47E-05
4787	482363.09, 3861377.25	0.02945	0.04186	0.00871	0.00558	1.25E-04	0.00E+00	7.41E-07	4.80E-07	1.27E-04	5.92E-05	1.32E-03	5.56E-05	1.76E-05	1.45E-03	5.62E-05	0.00E+00	7.41E-07	4.80E-07	5.75E-05
4788	482863.09, 3861377.25	0.03095	0.04541	0.00894	0.00585	1.32E-04	0.00E+00	7.60E-07	5.04E-07	1.33E-04	6.22E-05	1.43E-03	5.70E-05	1.85E-05	1.57E-03	5.91E-05	0.00E+00	7.60E-07	5.04E-07	6.04E-05
4789	483363.09, 3861377.25	0.03247	0.04928	0.00919	0.00625	1.38E-04	0.00E+00	7.82E-07	5.38E-07	1.40E-04	6.52E-05	1.55E-03	5.86E-05	1.97E-05	1.70E-03	6.20E-05	0.00E+00	7.82E-07	5.38E-07	6.33E-05
4790	483863.09, 3861377.25	0.03307	0.05424	0.00908	0.00659	1.41E-04	0.00E+00	7.72E-07	5.67E-07	1.42E-04	6.64E-05	1.71E-03	5.79E-05	2.08E-05	1.85E-03	6.32E-05	0.00E+00	7.72E-07	5.67E-07	6.45E-05
4791	484363.09, 3861377.25	0.03361	0.05997	0.0084	0.00678	1.43E-04	0.00E+00	7.14E-07	5.84E-07	1.44E-04	6.75E-05	1.89E-03	5.36E-05	2.14E-05	2.03E-03	6.42E-05	0.00E+00	7.14E-07	5.84E-07	6.55E-05
4792	484863.09, 3861377.25	0.03224	0.06914	0.00738	0.007	1.37E-04	0.00E+00	6.28E-07	6.03E-07	1.39E-04	6.48E-05	2.18E-03	4.71E-05	2.21E-05	2.31E-03	6.16E-05	0.00E+00	6.28E-07	6.03E-07	6.28E-05
4793	485363.09, 3861377.25	0.03071	0.07723	0.00638	0.00707	1.31E-04	0.00E+00	5.43E-07	6.09E-07	1.32E-04	6.17E-05	2.43E-03	4.07E-05	2.23E-05	2.56E-03	5.87E-05	0.00E+00	5.43E-07	6.09E-07	5.98E-05
4794	485863.09, 3861377.25	0.03001	0.08654	0.00614	0.00755	1.28E-04	0.00E+00	5.22E-07	6.50E-07	1.29E-04	6.03E-05	2.73E-03	3.92E-05	2.38E-05	2.85E-03	5.73E-05	0.00E+00	5.22E-07	6.50E-07	5.85E-05
4795	486363.09, 3861377.25	0.02929	0.09615	0.00606	0.00793	1.25E-04	0.00E+00	5.15E-07	6.83E-07	1.26E-04	5.88E-05	3.03E-03	3.87E-05	2.50E-05	3.15E-03	5.59E-05	0.00E+00	5.15E-07	6.83E-07	5.71E-05
4796	486863.09, 3861377.25	0.02921	0.10867	0.00499	0.00852	1.24E-04	0.00E+00	4.24E-07	7.34E-07	1.26E-04	5.87E-05	3.42E-03	3.18E-05	2.69E-05	3.54E-03	5.58E-05	0.00E+00	4.24E-07	7.34E-07	5.69E-05
4797	487363.09, 3861377.25	0.02947	0.12339	0.00575	0.00872	1.26E-04	0.00E+00	4.89E-07	7.51E-07	1.27E-04	5.92E-05	3.89E-03	3.67E-05	2.75E-05	4.01E-03	5.63E-05	0.00E+00	4.89E-07	7.51E-07	5.75E-05
4798	487863.09, 3861377.25	0.0298	0.13273	0.0073	0.00926	1.27E-04	0.00E+00	6.21E-07	7.97E-07	1.28E-04	5.99E-05	4.18E-03	4.66E-05	2.92E-05	4.32E-03	5.69E-05	0.00E+00	6.21E-07	7.97E-07	5.83E-05
4799	488363.09, 3861377.25	0.0293	0.13555	0.00662	0.01001	1.25E-04	0.00E+00	5.63E-07	8.62E-07	1.26E-04	5.89E-05	4.27E-03	4.22E-05	3.16E-05	4.40E-03	5.60E-05	0.00E+00	5.63E-07	8.62E-07	5.74E-05
4800	488863.09, 3861377.25	0.03023	0.14138	0.00501	0.00999	1.29E-04	0.00E+00	4.26E-07	8.60E-07	1.30E-04	6.07E-05	4.45E-03	3.20E-05	3.15E-05	4.58E-03	5.77E-05	0.00E+00	4.26E-07	8.60E-07	5.90E-05
4801	489363.09, 3861377.25	0.03112	0.14496	0.0047	0.00989	1.33E-04	0.00E+00	4.00E-07	8.52E-07	1.34E-04	6.25E-05	4.57E-03	3.00E-05	3.12E-05	4.69E-03	5.94E-05	0.00E+00	4.00E-07	8.52E-07	6.07E-05
4802	489863.09, 3861377.25	0.03175	0.14671	0.00598	0.01001	1.35E-04	0.00E+00	5.09E-07	8.62E-07	1.37E-04	6.38E-05	4.62E-03	3.81E-05	3.16E-05	4.75E-03	6.06E-05	0.00E+00	5.09E-07	8.62E-07	6.20E-05
4803	490363.09, 3861377.25	0.03202	0.14309	0.00795	0.00982	1.36E-04	0.00E+00	6.76E-07	8.46E-07	1.38E-04	6.43E-05	4.51E-03	5.07E-05	3.10E-05	4.65E-03	6.12E-05	0.00E+00	6.76E-07	8.46E-07	6.27E-05
4804	490863.09, 3861377.25	0.03244	0.13952	0.00835	0.00978	1.38E-04	0.00E+00	7.10E-07	8.42E-07	1.40E-04	6.52E-05	4.39E-03	5.33E-05	3.09E-05	4.54E-03	6.20E-05	0.00E+00	7.10E-07	8.42E-07	6.35E-05
4805	491363.09, 3861377.25	0.03402	0.13329	0.00842	0.00969	1.45E-04	0.00E+00	7.16E-07	8.34E-07	1.46E-04	6.83E-05	4.20E-03	5.37E-05	3.06E-05	4.35E-03	6.50E-05	0.00E+00	7.16E-07	8.34E-07	6.65E-05
4806	491863.09, 3861377.25	0.03338	0.12689	0.00894	0.00971	1.42E-04	0.00E+00	7.60E-07	8.36E-07	1.44E-04	6.70E-05	4.00E-03	5.70E-05	3.07E-05	4.15E-03	6.38E-05	0.00E+00	7.60E-07	8.36E-07	6.54E-05
4807	492363.09, 3861377.25	0.0313	0.12104	0.0086	0.00975	1.33E-04	0.00E+00	7.31E-07	8.40E-07	1.35E-04	6.29E-05	3.81E-03	5.49E-05	3.08E-05	3.96E-03	5.98E-05	0.00E+00	7.31E-07	8.40E-07	6.14E-05
4808	492863.09, 3861377.25	0.03017	0.11426	0.00842	0.00969	1.28E-04	0.00E+00	7.16E-07	8.34E-07	1.30E-04	6.06E-05	3.60E-03	5.37E-05	3.06E-05	3.74E-03	5.76E-05	0.00E+00	7.16E-07	8.34E-07	5.92E-05
4809	493363.09, 3861377.25	0.03012	0.10742	0.00895	0.00961	1.28E-04	0.00E+00	7.61E-07	8.28E-07	1.30E-04	6.05E-05	3.38E-03	5.71E-05	3.03E-05	3.53E-03	5.75E-05	0.00E+00	7.61E-07	8.28E-07	5.91E-05
4810	493863.09, 3861377.25	0.03043	0.10061	0.00937	0.00949	1.30E-04	0.00E+00	7.97E-07	8.17E-07	1.31E-04	6.11E-05	3.17E-03	5.98E-05	3.00E-05	3.32E-03	5.81E-05	0.00E+00	7.97E-07	8.17E-07	5.97E-05
4811	494363.09, 3861377.25	0.03141	0.09457	0.0093	0.0094	1.34E-04	0.00E+00	7.91E-07	8.09E-07	1.35E-04	6.31E-05	2.98E-03	5.93E-05	2.97E-05	3.13E-03	6.00E-05	0.00E+00	7.91E-07	8.09E-07	6.16E-05
4812	494863.09, 3861377.25	0.03288	0.08921	0.00922	0.00936	1.40E-04	0.00E+00	7.84E-07	8.06E-07	1.42E-04	6.60E-05	2.81E-03	5.88E-05	2.96E-05	2.96E-03	6.28E-05	0.00E+00	7.84E-07	8.06E-07	6.44E-05
4813	495363.09, 3861377.25	0.03394	0.08419	0.00949	0.00931	1.45E-04	0.00E+00	8.07E-07	8.02E-07	1.46E-04	6.82E-05	2.65E-03	6.05E-05	2.94E-05	2.81E-03	6.48E-05	0.00E+00	8.07E-07	8.02E-07	6.64E-05
4814	495863.09, 3861377.25	0.03401	0.0794	0.00997	0.00923	1.45E-04	0.00E+00	8.48E-07	7.95E-07	1.46E-04	6.83E-05	2.50E-03	6.36E-05	2.91E-05	2.66E-03	6.50E-05	0.00E+00	8.48E-07	7.95E-07	6.66E-05
4815	496363.09, 3861377.25	0.034	0.07583	0.01064	0.00936	1.45E-04	0.00E+00	9.05E-07	8.06E-07	1.47E-04	6.83E-05	2.39E-03	6.79E-05	2.96E-05	2.55E-03	6.49E-05	0.00E+00	9.05E-07	8.06E-07	6.66E-05
4816	496863.09, 3861377.25	0.03396	0.07223	0.01155	0.00957	1.45E-04	0.00E+00	9.82E-07	8.24E-07	1.46E-04	6.82E-05	2.28E-03	7.37E-05	3.02E-05	2.45E-03	6.49E-05	0.00E+00	9.82E-07	8.24E-07	6.67E-05
4817	497363.09, 3861377.25	0.03317	0.06838	0.01197	0.00937	1.41E-04	0.00E+00	1.02E-06	8.07E-07	1.43E-04	6.66E-05	2.15E-03	7.64E-05	2.96E-05	2.33E-03	6.34E-05	0.00E+00	1.02E-06	8.07E-07	6.52E-05
4818	497863.09, 3861377.25	0.0324	0.06492	0.01228	0.00921	1.38E-04	0.00E+00	1.04E-06	7.93E-07	1.40E-04	6.51E-05	2.04E-03	7.83E-05	2.91E-05	2.22E-03	6.19E-05	0.00E+00	1.04E-06	7.93E-07	6.37E-05
4819	498363.09, 3861377.25	0.03178	0.06152	0.01223	0.00904	1.35E-04	0.00E+00	1.04E-06	7.78E-07	1.37E-04	6.38E-05	1.94E-03	7.80E-05	2.85E-05	2.11E-03	6.07E-05	0.00E+00	1.04E-06	7.78E-07	6.25E-05
4820	471363.09, 3861877.25	0.01017	0.00912	0.0043	0.00294	4.33E-05	0.00E+00	3.66E-07	2.53E-07	4.39E-05	2.04E-05	2.87E-04	2.74E-05	9.28E-06	3.44E-04	1.94E-05	0.00E+00	3.66E-07	2.53E-07	2.00E-05
4821	471863.09, 3861877.25	0.01078	0.00953	0.00453	0.00301	4.59E-05	0.00E+00	3.85E-07	2.59E-07	4.66E-05	2.17E-05	3.00E-04	2.89E-05	9.50E-06	3.60E-04	2.06E-05	0.00E+00	3.85E-07	2.59E-07	2.12E-05
4822	472363.09, 3861877.25	0.01136	0.01	0.00474	0.00308	4.84E-05	0.00E+00	4.03E-07	2.65E-07	4.90E-05	2.28E-05	3.15E-04	3.02E-05	9.72E-06	3.78E-04	2.17E-05	0.00E+00	4.03E-07	2.65E-07	2.24E-05
4823	472863.09, 3861877.25	0.01186	0.01057	0.00493	0.00316	5.05E-05	0.00E+00	4.19E-07	2.72E-07	5.12E-05	2.38E-05	3.33E-04	3.14E-05	9.98E-06	3.98E-04	2.27E-05	0.00E+00	4.19E-07	2.72E-07	2.33E-05
4824	473363.09, 3861877.25	0.01226	0.01115	0.00511	0.00326	5.22E-05	0.00E+00	4.35E-07	2.81E-07	5.29E-05	2.46E-05	3.51E-04	3.26E-05	1.03E-05	4.19E-04	2.34E-05	0.00E+00	4.35E-07	2.81E-07	2.41E-05
4825	473863.09, 3861877.25	0.01261	0.01165	0.00526	0.00337	5.37E-05	0.00E+00	4.47E-07	2.90E-07	5.44E-05	2.53E-05	3.67E-04	3.36E-05	1.06E-05	4.36E-04	2.41E-05	0.00E+00	4.47E-07	2.90E-07	2.48E-05
4826	474363.09, 3861877.25	0.01296	0.01226	0.00537	0.00348	5.52E-05	0.00E+00	4.57E-07	3.00E-07	5.59E-05	2.60E-05	3.86E-04	3.43E-05	1.10E-05	4.57E-04	2.48E-05	0.00E+00	4.57E-07	3.00E-07	2.55E-05
4827	474863.09, 3861877.25	0.01337	0.01274	0.00547	0.00361	5.69E-05	0.00E+00	4.65E-07	3.11E-07	5.77E-05	2.69E-05	4.01E-04	3.49E-05	1.14E-05	4.74E-04	2.55E-05	0.00E+00	4.65E-07	3.11E-07	2.63E-05
4828	475363.09, 3861877.25	0.01387	0.01333	0.00557	0.00371	5.91E-05	0.00E+00	4.74E-07	3.19E-07	5.99E-05	2.79E-05	4.20E-04	3.55E-05	1.17E-05	4.95E-04	2.65E-05	0.00E+00	4.74E-07	3.19E-07	2.73E-05
4829	475863.09, 3861877.25	0.01442	0.01412	0.00569	0.00379	6.14E-05	0.00E+00	4.84E-07	3.26E-07	6.22E-05	2.90E-05	4.45E-04	3.63E-05	1.20E-05	5.22E-04	2.75E-05	0.00E+00	4.84E-07	3.26E-07	2.84E-05
4830	476363.09, 3861877.25	0.01496	0.0146	0.00588	0.00394	6.37E-05	0.00E+00	5.00E-07	3.39E-07	6.45E-05	3.00E-05	4.60E-04	3.75E-05	1.24E-05	5.40E-04	2.86E-05	0.00E+00	5.00E-07	3.39E-07	2.94E-05
4831	476863.09, 3861877.25	0.01544	0.01448	0.00626	0.00418	6.58E-05	0.00E+00	5.32E-07	3.60E-07	6.66E-05	3.10E-05	4.56E-04	3.99E-05	1.32E-05	5.40E-04	2.95E-05	0.00E+00	5.32E-07	3.60E-07	3.04E-05
4832	477363.09, 3861877.25	0.01563	0.01399	0.00689	0.00444	6.66E-05	0.00E+00	5.86E-07	3.82E-07	6.75E-05	3.14E-05	4.41E-04	4.39E-05	1.40E-05	5.30E-04	2.99E-05	0.00E+00	5.86E-07	3.82E-07	3.08E-05
4833	477863.09, 3861877.25	0.01402	0.00927	0.00979	0.00536	5.97E-05	0.00E+00	8.33E-07	4.62E-07	6.10E-05	2.82E-05	2.92E-04	6.24E-05	1.69E-05	4.00E-04	2.68E-05	0.00E+00	8.33E-07	4.62E-07	2.81E-05
4834	478363.09, 3861877.25	0.00756	0.00429	0.00586	0.00371	3.22E-05	0.00E+00	4.98E-07	3.19E-07	3.30E-05	1.52E-05	1.35E-04	3.74E-05	1.17E-05	1.99E-04	1.44E-05	0.00E+00	4.98E-07	3.19E-07	1.53E-05

4835	478863.09, 3861877.25	0.01246	0.00725	0.00736	0.00443	5.31E-05	0.00E+00	6.26E-07	3.81E-07	5.41E-05	2.50E-05	2.28E-04	4.69E-05	1.40E-05	3.14E-04	2.38E-05	0.00E+00	6.26E-07	3.81E-07	2.48E-05
4836	479363.09, 3861877.25	0.01197	0.00655	0.00688	0.00435	5.10E-05	0.00E+00	5.85E-07	3.75E-07	5.19E-05	2.40E-05	2.06E-04	4.39E-05	1.37E-05	2.88E-04	2.29E-05	0.00E+00	5.85E-07	3.75E-07	2.38E-05
4837	479863.09, 3861877.25	0.01956	0.02046	0.00708	0.00504	8.33E-05	0.00E+00	6.02E-07	4.34E-07	8.43E-05	3.93E-05	6.44E-04	4.52E-05	1.59E-05	7.45E-04	3.74E-05	0.00E+00	6.02E-07	4.34E-07	3.84E-05
4838	480363.09, 3861877.25	0.0209	0.0272	0.00711	0.00468	8.90E-05	0.00E+00	6.05E-07	4.03E-07	9.00E-05	4.20E-05	8.57E-04	4.54E-05	1.48E-05	9.59E-04	3.99E-05	0.00E+00	6.05E-07	4.03E-07	4.09E-05
4839	480863.09, 3861877.25	0.02227	0.03009	0.00751	0.00486	9.48E-05	0.00E+00	6.39E-07	4.18E-07	9.59E-05	4.47E-05	9.48E-04	4.79E-05	1.53E-05	1.06E-03	4.25E-05	0.00E+00	6.39E-07	4.18E-07	4.36E-05
4840	481363.09, 3861877.25	0.02377	0.03273	0.00776	0.00497	1.01E-04	0.00E+00	6.60E-07	4.28E-07	1.02E-04	4.77E-05	1.03E-03	4.95E-05	1.57E-05	1.14E-03	4.54E-05	0.00E+00	6.60E-07	4.28E-07	4.65E-05
4841	481863.09, 3861877.25	0.02519	0.03493	0.0079	0.00513	1.07E-04	0.00E+00	6.72E-07	4.42E-07	1.08E-04	5.06E-05	1.10E-03	5.04E-05	1.62E-05	1.22E-03	4.81E-05	0.00E+00	6.72E-07	4.42E-07	4.92E-05
4842	482363.09, 3861877.25	0.02625	0.03764	0.0081	0.00524	1.12E-04	0.00E+00	6.89E-07	4.51E-07	1.13E-04	5.27E-05	1.19E-03	5.17E-05	1.65E-05	1.31E-03	5.01E-05	0.00E+00	6.89E-07	4.51E-07	5.13E-05
4843	482863.09, 3861877.25	0.0274	0.0407	0.00826	0.00546	1.17E-04	0.00E+00	7.02E-07	4.70E-07	1.18E-04	5.50E-05	1.28E-03	5.27E-05	1.72E-05	1.41E-03	5.23E-05	0.00E+00	7.02E-07	4.70E-07	5.35E-05
4844	483363.09, 3861877.25	0.0283	0.0441	0.00813	0.00571	1.21E-04	0.00E+00	6.91E-07	4.92E-07	1.22E-04	5.68E-05	1.39E-03	5.19E-05	1.80E-05	1.52E-03	5.41E-05	0.00E+00	6.91E-07	4.92E-07	5.52E-05
4845	483863.09, 3861877.25	0.02873	0.04775	0.0074	0.00594	1.22E-04	0.00E+00	6.29E-07	5.11E-07	1.23E-04	5.77E-05	1.50E-03	4.72E-05	1.88E-05	1.63E-03	5.49E-05	0.00E+00	6.29E-07	5.11E-07	5.60E-05
4846	484363.09, 3861877.25	0.02844	0.05237	0.00673	0.00617	1.21E-04	0.00E+00	5.72E-07	5.31E-07	1.22E-04	5.71E-05	1.65E-03	4.29E-05	1.95E-05	1.77E-03	5.43E-05	0.00E+00	5.72E-07	5.31E-07	5.54E-05
4847	484863.09, 3861877.25	0.028	0.05763	0.0061	0.00625	1.19E-04	0.00E+00	5.19E-07	5.38E-07	1.20E-04	5.62E-05	1.82E-03	3.89E-05	1.97E-05	1.93E-03	5.35E-05	0.00E+00	5.19E-07	5.38E-07	5.45E-05
4848	485363.09, 3861877.25	0.02708	0.06282	0.00555	0.00623	1.15E-04	0.00E+00	4.72E-07	5.36E-07	1.16E-04	5.44E-05	1.98E-03	3.54E-05	1.97E-05	2.09E-03	5.17E-05	0.00E+00	4.72E-07	5.36E-07	5.27E-05
4849	485863.09, 3861877.25	0.02556	0.0671	0.00617	0.00609	1.09E-04	0.00E+00	5.25E-07	5.24E-07	1.10E-04	5.13E-05	2.11E-03	3.94E-05	1.92E-05	2.22E-03	4.88E-05	0.00E+00	5.25E-07	5.24E-07	4.99E-05
4850	486363.09, 3861877.25	0.02505	0.07279	0.0049	0.0062	1.07E-04	0.00E+00	4.17E-07	5.34E-07	1.08E-04	5.03E-05	2.29E-03	3.13E-05	1.96E-05	2.39E-03	4.78E-05	0.00E+00	4.17E-07	5.34E-07	4.88E-05
4851	486863.09, 3861877.25	0.02505	0.07919	0.00468	0.00626	1.07E-04	0.00E+00	3.98E-07	5.39E-07	1.08E-04	5.03E-05	2.49E-03	2.99E-05	1.98E-05	2.59E-03	4.78E-05	0.00E+00	3.98E-07	5.39E-07	4.88E-05
4852	487363.09, 3861877.25	0.02547	0.08528	0.0055	0.00618	1.08E-04	0.00E+00	4.68E-07	5.32E-07	1.09E-04	5.12E-05	2.69E-03	3.51E-05	1.95E-05	2.79E-03	4.86E-05	0.00E+00	4.68E-07	5.32E-07	4.96E-05
4853	487863.09, 3861877.25	0.02581	0.08745	0.00683	0.00657	1.10E-04	0.00E+00	5.81E-07	5.66E-07	1.11E-04	5.18E-05	2.75E-03	4.36E-05	2.07E-05	2.87E-03	4.93E-05	0.00E+00	5.81E-07	5.66E-07	5.04E-05
4854	488363.09, 3861877.25	0.02523	0.08618	0.00622	0.00694	1.07E-04	0.00E+00	5.29E-07	5.98E-07	1.09E-04	5.07E-05	2.71E-03	3.97E-05	2.19E-05	2.83E-03	4.82E-05	0.00E+00	5.29E-07	5.98E-07	4.93E-05
4855	488863.09, 3861877.25	0.02536	0.08698	0.00461	0.00704	1.08E-04	0.00E+00	3.92E-07	6.06E-07	1.09E-04	5.09E-05	2.74E-03	2.94E-05	2.22E-05	2.84E-03	4.84E-05	0.00E+00	3.92E-07	6.06E-07	4.94E-05
4856	489363.09, 3861877.25	0.02617	0.08927	0.00412	0.00671	1.11E-04	0.00E+00	3.50E-07	5.78E-07	1.12E-04	5.26E-05	2.81E-03	2.63E-05	2.12E-05	2.91E-03	5.00E-05	0.00E+00	3.50E-07	5.78E-07	5.09E-05
4857	489863.09, 3861877.25	0.02665	0.09146	0.00453	0.00712	1.13E-04	0.00E+00	3.85E-07	6.13E-07	1.14E-04	5.35E-05	2.88E-03	2.89E-05	2.25E-05	2.99E-03	5.09E-05	0.00E+00	3.85E-07	6.13E-07	5.19E-05
4858	490363.09, 3861877.25	0.02693	0.09101	0.00605	0.00696	1.15E-04	0.00E+00	5.15E-07	5.99E-07	1.16E-04	5.41E-05	2.87E-03	3.86E-05	2.20E-05	2.98E-03	5.14E-05	0.00E+00	5.15E-07	5.99E-07	5.25E-05
4859	490863.09, 3861877.25	0.02709	0.08932	0.0073	0.00687	1.15E-04	0.00E+00	6.21E-07	5.92E-07	1.17E-04	5.44E-05	2.81E-03	4.66E-05	2.17E-05	2.94E-03	5.17E-05	0.00E+00	6.21E-07	5.92E-07	5.30E-05
4860	491363.09, 3861877.25	0.02757	0.08899	0.00741	0.00682	1.17E-04	0.00E+00	6.30E-07	5.87E-07	1.19E-04	5.54E-05	2.80E-03	4.73E-05	2.15E-05	2.93E-03	5.27E-05	0.00E+00	6.30E-07	5.87E-07	5.39E-05
4861	491863.09, 3861877.25	0.0291	0.08867	0.00746	0.00686	1.24E-04	0.00E+00	6.34E-07	5.91E-07	1.25E-04	5.84E-05	2.79E-03	4.76E-05	2.17E-05	2.92E-03	5.56E-05	0.00E+00	6.34E-07	5.91E-07	5.68E-05
4862	492363.09, 3861877.25	0.02864	0.08615	0.00786	0.0069	1.22E-04	0.00E+00	6.68E-07	5.94E-07	1.23E-04	5.75E-05	2.71E-03	5.01E-05	2.18E-05	2.84E-03	5.47E-05	0.00E+00	6.68E-07	5.94E-07	5.60E-05
4863	492863.09, 3861877.25	0.02696	0.08431	0.0076	0.00702	1.15E-04	0.00E+00	6.46E-07	6.04E-07	1.16E-04	5.42E-05	2.66E-03	4.85E-05	2.22E-05	2.78E-03	5.15E-05	0.00E+00	6.46E-07	6.04E-07	5.27E-05
4864	493363.09, 3861877.25	0.02581	0.08221	0.00722	0.00711	1.10E-04	0.00E+00	6.14E-07	6.12E-07	1.11E-04	5.18E-05	2.59E-03	4.61E-05	2.24E-05	2.71E-03	4.93E-05	0.00E+00	6.14E-07	6.12E-07	5.05E-05
4865	493863.09, 3861877.25	0.02557	0.07932	0.00746	0.00715	1.09E-04	0.00E+00	6.34E-07	6.16E-07	1.10E-04	5.14E-05	2.50E-03	4.76E-05	2.26E-05	2.62E-03	4.88E-05	0.00E+00	6.34E-07	6.16E-07	5.01E-05
4866	494363.09, 3861877.25	0.02564	0.07595	0.00797	0.00714	1.09E-04	0.00E+00	6.78E-07	6.15E-07	1.10E-04	5.15E-05	2.39E-03	5.08E-05	2.25E-05	2.52E-03	4.90E-05	0.00E+00	6.78E-07	6.15E-07	5.03E-05
4867	494863.09, 3861877.25	0.02614	0.07297	0.00818	0.00715	1.11E-04	0.00E+00	6.96E-07	6.16E-07	1.13E-04	5.25E-05	2.30E-03	5.22E-05	2.26E-05	2.43E-03	4.99E-05	0.00E+00	6.96E-07	6.16E-07	5.12E-05
4868	495363.09, 3861877.25	0.02704	0.06978	0.00797	0.00715	1.15E-04	0.00E+00	6.78E-07	6.16E-07	1.16E-04	5.43E-05	2.20E-03	5.08E-05	2.26E-05	2.33E-03	5.16E-05	0.00E+00	6.78E-07	6.16E-07	5.29E-05
4869	495863.09, 3861877.25	0.02813	0.06672	0.00779	0.00715	1.20E-04	0.00E+00	6.63E-07	6.16E-07	1.21E-04	5.65E-05	2.10E-03	4.97E-05	2.26E-05	2.23E-03	5.37E-05	0.00E+00	6.63E-07	6.16E-07	5.50E-05
4870	496363.09, 3861877.25	0.02897	0.06405	0.00795	0.00719	1.23E-04	0.00E+00	6.76E-07	6.19E-07	1.25E-04	5.82E-05	2.02E-03	5.07E-05	2.27E-05	2.15E-03	5.53E-05	0.00E+00	6.76E-07	6.19E-07	5.66E-05
4871	496863.09, 3861877.25	0.0309	0.06198	0.00934	0.00755	1.32E-04	0.00E+00	7.94E-07	6.50E-07	1.33E-04	6.21E-05	1.95E-03	5.96E-05	2.38E-05	2.10E-03	5.90E-05	0.00E+00	7.94E-07	6.50E-07	6.05E-05
4872	497363.09, 3861877.25	0.02939	0.05971	0.00905	0.00749	1.25E-04	0.00E+00	7.70E-07	6.45E-07	1.27E-04	5.90E-05	1.88E-03	5.77E-05	2.36E-05	2.02E-03	5.61E-05	0.00E+00	7.70E-07	6.45E-07	5.75E-05
4873	497863.09, 3861877.25	0.02838	0.05702	0.00924	0.00739	1.21E-04	0.00E+00	7.86E-07	6.36E-07	1.22E-04	5.70E-05	1.80E-03	5.89E-05	2.33E-05	1.94E-03	5.42E-05	0.00E+00	7.86E-07	6.36E-07	5.56E-05
4874	498363.09, 3861877.25	0.02761	0.05471	0.00942	0.00737	1.18E-04	0.00E+00	8.01E-07	6.35E-07	1.19E-04	5.55E-05	1.72E-03	6.01E-05	2.33E-05	1.86E-03	5.27E-05	0.00E+00	8.01E-07	6.35E-07	5.42E-05
4875	471363.09, 3862377.25	0.01011	0.00904	0.00459	0.00283	4.31E-05	0.00E+00	3.90E-07	2.44E-07	4.37E-05	2.03E-05	2.85E-04	2.93E-05	8.94E-06	3.43E-04	1.93E-05	0.00E+00	3.90E-07	2.44E-07	1.99E-05
4876	471863.09, 3862377.25	0.01052	0.00944	0.00471	0.00292	4.48E-05	0.00E+00	4.01E-07	2.51E-07	4.55E-05	2.11E-05	2.97E-04	3.00E-05	9.22E-06	3.58E-04	2.01E-05	0.00E+00	4.01E-07	2.51E-07	2.07E-05
4877	472363.09, 3862377.25	0.01086	0.00997	0.0048	0.003	4.62E-05	0.00E+00	4.08E-07	2.58E-07	4.69E-05	2.18E-05	3.14E-04	3.06E-05	9.47E-06	3.76E-04	2.07E-05	0.00E+00	4.08E-07	2.58E-07	2.14E-05
4878	472863.09, 3862377.25	0.01115	0.0105	0.00488	0.00309	4.75E-05	0.00E+00	4.15E-07	2.66E-07	4.82E-05	2.24E-05	3.31E-04	3.11E-05	9.76E-06	3.94E-04	2.13E-05	0.00E+00	4.15E-07	2.66E-07	2.20E-05
4879	473363.09, 3862377.25	0.01142	0.01102	0.00495	0.00319	4.86E-05	0.00E+00	4.21E-07	2.75E-07	4.93E-05	2.29E-05	3.47E-04	3.16E-05	1.01E-05	4.12E-04	2.18E-05	0.00E+00	4.21E-07	2.75E-07	2.25E-05
4880	473863.09, 3862377.25	0.01173	0.01151	0.00503	0.0033	5.00E-05	0.00E+00	4.28E-07	2.84E-07	5.07E-05	2.36E-05	3.63E-04	3.21E-05	1.04E-05	4.29E-04	2.24E-05	0.00E+00	4.28E-07	2.84E-07	2.31E-05
4881	474363.09, 3862377.25	0.01211	0.01191	0.00513	0.00341	5.16E-05	0.00E+00	4.36E-07	2.94E-07	5.23E-05	2.43E-05	3.75E-04	3.27E-05	1.08E-05	4.43E-04	2.31E-05	0.00E+00	4.36E-07	2.94E-07	2.39E-05
4882	474863.09, 3862377.25	0.01253	0.01219	0.00528	0.00354	5.34E-05	0.00E+00	4.49E-07	3.05E-07	5.41E-05	2.52E-05	3.84E-04	3.37E-05	1.12E-05	4.54E-04	2.39E-05	0.00E+00	4.49E-07	3.05E-07	2.47E-05
4883	475363.09, 3862377.25	0.01294	0.01304	0.00544	0.0036	5.51E-05	0.00E+00	4.63E-07	3.10E-07	5.59E-05	2.60E-05	4.11E-04	3.47E-05	1.14E-05	4.83E-04	2.47E-05	0.00E+00	4.63E-07	3.10E-07	2.55E-05
4884	475863.09, 3862377.25	0.0133	0.01384	0.00557	0.00368	5.66E-05	0.00E+00	4.74E-07	3.17E-07	5.74E-05	2.67E-05	4.36E-04	3.55E-05	1.16E-05	5.10E-04	2.54E-05	0.00E+00	4.74E-07	3.17E-07	2.62E-05
4885	476363.09, 3862377.25	0.01359	0.01452	0.00567	0.00378	5.79E-05	0.00E+00	4.82E-07	3.25E-07	5.87E-05	2.73E-05	4.57E-04	3.62E-05	1.19E-05	5.33E-04	2.60E-05	0.00E+00	4.82E-07	3.25E-07	2.68E-05
4886	476863.09, 3862377.25	0.01379	0.01509	0.00575	0.00389	5.87E-05	0.00E+00	4.89E-07	3.35E-07	5.96E-05	2.77E-05	4.75E-04	3.67E-05	1.23E-05	5.52E-04	2.63E-05	0.00E+00	4.89E-07	3.35E-07	2.72E-05
4887	477363.09, 3862377.25	0.01389	0.01496	0.00594	0.00411	5.92E-05	0.00E+00	5.05E-07	3.54E-07	6.00E-05	2.79E-05	4.71E-04	3.79E-05	1.30E-05	5.50E-04	2.65E-05	0.00E+00	5.05E-07	3.54E-07	2.74E-05
4888	477863.09, 3862377.25	0.01348	0.01094	0.00813	0.00526	5.74E-05	0.00E+00	6.91E-07	4.53E-07	5.86E-05	2.71E-05	3.45E-04	5.19E-05	1.66E-05	4.40E-04	2.57E-05	0.00E+00	6.91E-07	4.53E-07	2.69E-05
4889	478363.09, 3862377.25	0.01234	0.00783	0.00754	0.00479	5.26E-05	0.00E+00	6.41E-07	4.12E-07	5.36E-05	2.48E-05	2.47E-04	4.81E-05	1.51E-05	3.35E-04	2.36E-05	0.00E+00	6.41E-07	4.12E-07	2.46E-05
4890	478863.09, 3862377.25	0.0134	0.00856	0.00669	0.00439	5.71E-05	0.00E+00	5.69E-07	3.78E-07	5.80E-05	2.69E-05	2.70E-04	4.27E-05	1.39E-05	3.53E-04	2.56E-05	0.00E+00	5.69E-07	3.78E-07	2.65E-05
4891	479363.09, 3862377.25	0.01564	0.01114	0.00717	0.00462	6.66E-05	0.00E+00	6.10E-07	3.98E-07	6.76E-05	3.14E-05	3.51E-04	4.57E-05	1.46E-05	4.43E-04	2.99E-05	0.00E+00	6.10E-07	3.98E-07	3.09E-05
4892	479863.09, 3862377.25	0.01814	0.02099	0.00681	0.00449	7.73E-05	0.00E+00	5.79E-07	3.87E-07	7.82E-05	3.64E-05	6.61E-04	4.34E-05	1.42E-05	7.55E-04	3.46E-05	0.00E+00	5.79E-07	3.87E-07	3.56E-05
4893	480363.09, 3862377.25	0.01921	0.02573	0.00693	0.00455	8.18E-05	0.00E+00	5.89E-07	3.92E-07	8.28E-05	3.86E-05	8.10E-04	4.42E-05	1.44E-05	9.08E-04	3.67E-05	0.00E+00	5.89E-07	3.92E-07	3.77E-05

4894	480863.09, 3862377.25	0.02039	0.02803	0.00711	0.00466	8.68E-05	0.00E+00	6.05E-07	4.01E-07	8.78E-05	4.10E-05	8.83E-04	4.54E-05	1.47E-05	9.84E-04	3.89E-05	0.00E+00	6.05E-07	4.01E-07	3.99E-05
4895	481363.09, 3862377.25	0.02171	0.03009	0.00726	0.00472	9.25E-05	0.00E+00	6.17E-07	4.06E-07	9.35E-05	4.36E-05	9.48E-04	4.63E-05	1.49E-05	1.05E-03	4.15E-05	0.00E+00	6.17E-07	4.06E-07	4.25E-05
4896	481863.09, 3862377.25	0.02269	0.03225	0.00741	0.00478	9.66E-05	0.00E+00	6.30E-07	4.12E-07	9.77E-05	4.56E-05	1.02E-03	4.73E-05	1.51E-05	1.12E-03	4.33E-05	0.00E+00	6.30E-07	4.12E-07	4.44E-05
4897	482363.09, 3862377.25	0.02337	0.03452	0.0075	0.00484	9.95E-05	0.00E+00	6.38E-07	4.17E-07	1.01E-04	4.69E-05	1.09E-03	4.78E-05	1.53E-05	1.20E-03	4.46E-05	0.00E+00	6.38E-07	4.17E-07	4.57E-05
4898	482863.09, 3862377.25	0.02417	0.03668	0.00724	0.00503	1.03E-04	0.00E+00	6.16E-07	4.33E-07	1.04E-04	4.85E-05	1.16E-03	4.62E-05	1.59E-05	1.27E-03	4.62E-05	0.00E+00	6.16E-07	4.33E-07	4.72E-05
4899	483363.09, 3862377.25	0.02495	0.03863	0.00664	0.00524	1.06E-04	0.00E+00	5.65E-07	4.51E-07	1.07E-04	5.01E-05	1.22E-03	4.24E-05	1.65E-05	1.33E-03	4.77E-05	0.00E+00	5.65E-07	4.51E-07	4.87E-05
4900	483863.09, 3862377.25	0.02484	0.04162	0.00606	0.00547	1.06E-04	0.00E+00	5.15E-07	4.71E-07	1.07E-04	4.99E-05	1.31E-03	3.87E-05	1.73E-05	1.42E-03	4.74E-05	0.00E+00	5.15E-07	4.71E-07	4.84E-05
4901	484363.09, 3862377.25	0.02474	0.04451	0.00563	0.00553	1.05E-04	0.00E+00	4.79E-07	4.76E-07	1.06E-04	4.97E-05	1.40E-03	3.59E-05	1.75E-05	1.51E-03	4.73E-05	0.00E+00	4.79E-07	4.76E-07	4.82E-05
4902	484863.09, 3862377.25	0.02416	0.04744	0.00504	0.00545	1.03E-04	0.00E+00	4.29E-07	4.69E-07	1.04E-04	4.85E-05	1.49E-03	3.21E-05	1.72E-05	1.59E-03	4.61E-05	0.00E+00	4.29E-07	4.69E-07	4.70E-05
4903	485363.09, 3862377.25	0.02344	0.0506	0.00569	0.00527	9.98E-05	0.00E+00	4.84E-07	4.54E-07	1.01E-04	4.71E-05	1.59E-03	3.63E-05	1.66E-05	1.69E-03	4.48E-05	0.00E+00	4.84E-07	4.54E-07	4.57E-05
4904	485863.09, 3862377.25	0.0223	0.05394	0.00553	0.00507	9.50E-05	0.00E+00	4.70E-07	4.37E-07	9.59E-05	4.48E-05	1.70E-03	3.53E-05	1.60E-05	1.80E-03	4.26E-05	0.00E+00	4.70E-07	4.37E-07	4.35E-05
4905	486363.09, 3862377.25	0.02168	0.05801	0.00421	0.00498	9.23E-05	0.00E+00	3.58E-07	4.29E-07	9.31E-05	4.35E-05	1.83E-03	2.69E-05	1.57E-05	1.91E-03	4.14E-05	0.00E+00	3.58E-07	4.29E-07	4.22E-05
4906	486863.09, 3862377.25	0.02165	0.06052	0.00439	0.00495	9.22E-05	0.00E+00	3.73E-07	4.26E-07	9.30E-05	4.35E-05	1.91E-03	2.80E-05	1.56E-05	1.99E-03	4.14E-05	0.00E+00	3.73E-07	4.26E-07	4.21E-05
4907	487363.09, 3862377.25	0.0221	0.06306	0.00528	0.00497	9.41E-05	0.00E+00	4.49E-07	4.28E-07	9.50E-05	4.44E-05	1.99E-03	3.37E-05	1.57E-05	2.08E-03	4.22E-05	0.00E+00	4.49E-07	4.28E-07	4.31E-05
4908	487863.09, 3862377.25	0.02263	0.06362	0.00642	0.00527	9.64E-05	0.00E+00	5.46E-07	4.54E-07	9.74E-05	4.55E-05	2.00E-03	4.10E-05	1.66E-05	2.11E-03	4.32E-05	0.00E+00	5.46E-07	4.54E-07	4.42E-05
4909	488363.09, 3862377.25	0.0222	0.06184	0.00587	0.00556	9.45E-05	0.00E+00	4.99E-07	4.79E-07	9.55E-05	4.46E-05	1.95E-03	3.74E-05	1.76E-05	2.05E-03	4.24E-05	0.00E+00	4.99E-07	4.79E-07	4.34E-05
4910	488863.09, 3862377.25	0.02187	0.0622	0.00431	0.00547	9.31E-05	0.00E+00	3.67E-07	4.71E-07	9.40E-05	4.39E-05	1.96E-03	2.75E-05	1.73E-05	2.05E-03	4.18E-05	0.00E+00	3.67E-07	4.71E-07	4.26E-05
4911	489363.09, 3862377.25	0.02256	0.06383	0.0039	0.00524	9.61E-05	0.00E+00	3.32E-07	4.51E-07	9.69E-05	4.53E-05	2.01E-03	2.49E-05	1.65E-05	2.10E-03	4.31E-05	0.00E+00	3.32E-07	4.51E-07	4.39E-05
4912	489863.09, 3862377.25	0.02327	0.0653	0.00376	0.00561	9.91E-05	0.00E+00	3.20E-07	4.83E-07	9.99E-05	4.67E-05	2.06E-03	2.40E-05	1.77E-05	2.15E-03	4.44E-05	0.00E+00	3.20E-07	4.83E-07	4.52E-05
4913	490363.09, 3862377.25	0.0234	0.0669	0.00464	0.00578	9.97E-05	0.00E+00	3.95E-07	4.98E-07	1.01E-04	4.70E-05	2.11E-03	2.96E-05	1.82E-05	2.20E-03	4.47E-05	0.00E+00	3.95E-07	4.98E-07	4.56E-05
4914	490863.09, 3862377.25	0.02384	0.06656	0.0061	0.00564	1.02E-04	0.00E+00	5.19E-07	4.86E-07	1.03E-04	4.79E-05	2.10E-03	3.89E-05	1.78E-05	2.20E-03	4.55E-05	0.00E+00	5.19E-07	4.86E-07	4.65E-05
4915	491363.09, 3862377.25	0.02379	0.06494	0.00677	0.00556	1.01E-04	0.00E+00	5.76E-07	4.79E-07	1.02E-04	4.78E-05	2.05E-03	4.32E-05	1.76E-05	2.15E-03	4.54E-05	0.00E+00	5.76E-07	4.79E-07	4.65E-05
4916	491863.09, 3862377.25	0.024	0.06373	0.0067	0.00543	1.02E-04	0.00E+00	5.70E-07	4.68E-07	1.03E-04	4.82E-05	2.01E-03	4.27E-05	1.71E-05	2.12E-03	4.58E-05	0.00E+00	5.70E-07	4.68E-07	4.69E-05
4917	492363.09, 3862377.25	0.0253	0.06407	0.00671	0.00541	1.08E-04	0.00E+00	5.71E-07	4.66E-07	1.09E-04	5.08E-05	2.02E-03	4.28E-05	1.71E-05	2.13E-03	4.83E-05	0.00E+00	5.71E-07	4.66E-07	4.94E-05
4918	492863.09, 3862377.25	0.0253	0.06412	0.00712	0.00548	1.08E-04	0.00E+00	6.06E-07	4.72E-07	1.09E-04	5.08E-05	2.02E-03	4.54E-05	1.73E-05	2.13E-03	4.83E-05	0.00E+00	6.06E-07	4.72E-07	4.94E-05
4919	493363.09, 3862377.25	0.02394	0.06359	0.00695	0.00557	1.02E-04	0.00E+00	5.91E-07	4.80E-07	1.03E-04	4.81E-05	2.00E-03	4.43E-05	1.76E-05	2.11E-03	4.57E-05	0.00E+00	5.91E-07	4.80E-07	4.68E-05
4920	493863.09, 3862377.25	0.02271	0.06278	0.00646	0.00565	9.67E-05	0.00E+00	5.49E-07	4.87E-07	9.77E-05	4.56E-05	1.98E-03	4.12E-05	1.78E-05	2.08E-03	4.34E-05	0.00E+00	5.49E-07	4.87E-07	4.44E-05
4921	494363.09, 3862377.25	0.02231	0.06162	0.00644	0.00571	9.50E-05	0.00E+00	5.48E-07	4.92E-07	9.60E-05	4.48E-05	1.94E-03	4.11E-05	1.80E-05	2.04E-03	4.26E-05	0.00E+00	5.48E-07	4.92E-07	4.37E-05
4922	494863.09, 3862377.25	0.02236	0.06006	0.00686	0.00575	9.52E-05	0.00E+00	5.83E-07	4.95E-07	9.63E-05	4.49E-05	1.89E-03	4.38E-05	1.82E-05	2.00E-03	4.27E-05	0.00E+00	5.83E-07	4.95E-07	4.38E-05
4923	495363.09, 3862377.25	0.02235	0.05768	0.00722	0.00572	9.52E-05	0.00E+00	6.14E-07	4.93E-07	9.63E-05	4.49E-05	1.82E-03	4.61E-05	1.81E-05	1.93E-03	4.27E-05	0.00E+00	6.14E-07	4.93E-07	4.38E-05
4924	495863.09, 3862377.25	0.02275	0.0556	0.00722	0.00572	9.69E-05	0.00E+00	6.14E-07	4.93E-07	9.80E-05	4.57E-05	1.75E-03	4.61E-05	1.81E-05	1.86E-03	4.35E-05	0.00E+00	6.14E-07	4.93E-07	4.46E-05
4925	496363.09, 3862377.25	0.02352	0.05356	0.00693	0.00572	1.00E-04	0.00E+00	5.89E-07	4.93E-07	1.01E-04	4.72E-05	1.69E-03	4.42E-05	1.81E-05	1.80E-03	4.49E-05	0.00E+00	5.89E-07	4.93E-07	4.60E-05
4926	496863.09, 3862377.25	0.02465	0.05224	0.00677	0.0058	1.05E-04	0.00E+00	5.76E-07	4.99E-07	1.06E-04	4.95E-05	1.65E-03	4.32E-05	1.83E-05	1.76E-03	4.71E-05	0.00E+00	5.76E-07	4.99E-07	4.82E-05
4927	497363.09, 3862377.25	0.02503	0.05024	0.00681	0.00581	1.07E-04	0.00E+00	5.79E-07	5.00E-07	1.08E-04	5.03E-05	1.58E-03	4.34E-05	1.83E-05	1.69E-03	4.78E-05	0.00E+00	5.79E-07	5.00E-07	4.89E-05
4928	497863.09, 3862377.25	0.02502	0.04854	0.00709	0.00585	1.07E-04	0.00E+00	6.03E-07	5.04E-07	1.08E-04	5.03E-05	1.53E-03	4.52E-05	1.85E-05	1.64E-03	4.78E-05	0.00E+00	6.03E-07	5.04E-07	4.89E-05
4929	498363.09, 3862377.25	0.0245	0.04675	0.00741	0.00587	1.04E-04	0.00E+00	6.30E-07	5.05E-07	1.05E-04	4.92E-05	1.47E-03	4.73E-05	1.85E-05	1.59E-03	4.68E-05	0.00E+00	6.30E-07	5.05E-07	4.79E-05
4930	471363.09, 3862877.25	0.00971	0.00891	0.00447	0.00282	4.14E-05	0.00E+00	3.80E-07	2.43E-07	4.20E-05	1.95E-05	2.81E-04	2.85E-05	8.90E-06	3.38E-04	1.85E-05	0.00E+00	3.80E-07	2.43E-07	1.92E-05
4931	471863.09, 3862877.25	0.00995	0.00935	0.00452	0.00291	4.24E-05	0.00E+00	3.84E-07	2.51E-07	4.30E-05	2.00E-05	2.95E-04	2.88E-05	9.19E-06	3.53E-04	1.90E-05	0.00E+00	3.84E-07	2.51E-07	1.96E-05
4932	472363.09, 3862877.25	0.01017	0.00983	0.0046	0.003	4.33E-05	0.00E+00	3.91E-07	2.58E-07	4.40E-05	2.04E-05	3.10E-04	2.93E-05	9.47E-06	3.69E-04	1.94E-05	0.00E+00	3.91E-07	2.58E-07	2.01E-05
4933	472863.09, 3862877.25	0.01041	0.01025	0.00469	0.00309	4.43E-05	0.00E+00	3.99E-07	2.66E-07	4.50E-05	2.09E-05	3.23E-04	2.99E-05	9.76E-06	3.83E-04	1.99E-05	0.00E+00	3.99E-07	2.66E-07	2.05E-05
4934	473363.09, 3862877.25	0.01068	0.01069	0.00482	0.00318	4.55E-05	0.00E+00	4.10E-07	2.74E-07	4.62E-05	2.15E-05	3.37E-04	3.07E-05	1.00E-05	3.99E-04	2.04E-05	0.00E+00	4.10E-07	2.74E-07	2.11E-05
4935	473863.09, 3862877.25	0.01099	0.01114	0.00496	0.00327	4.68E-05	0.00E+00	4.22E-07	2.82E-07	4.75E-05	2.21E-05	3.51E-04	3.16E-05	1.03E-05	4.15E-04	2.10E-05	0.00E+00	4.22E-07	2.82E-07	2.17E-05
4936	474363.09, 3862877.25	0.01132	0.01158	0.00508	0.00336	4.82E-05	0.00E+00	4.32E-07	2.89E-07	4.89E-05	2.27E-05	3.65E-04	3.24E-05	1.06E-05	4.31E-04	2.16E-05	0.00E+00	4.32E-07	2.89E-07	2.23E-05
4937	474863.09, 3862877.25	0.0116	0.01208	0.00517	0.00346	4.94E-05	0.00E+00	4.40E-07	2.98E-07	5.01E-05	2.33E-05	3.81E-04	3.30E-05	1.09E-05	4.48E-04	2.22E-05	0.00E+00	4.40E-07	2.98E-07	2.29E-05
4938	475363.09, 3862877.25	0.0118	0.0128	0.00518	0.00352	5.03E-05	0.00E+00	4.41E-07	3.03E-07	5.10E-05	2.37E-05	4.03E-04	3.30E-05	1.11E-05	4.71E-04	2.25E-05	0.00E+00	4.41E-07	3.03E-07	2.33E-05
4939	475863.09, 3862877.25	0.01195	0.01352	0.00514	0.00359	5.09E-05	0.00E+00	4.37E-07	3.09E-07	5.16E-05	2.40E-05	4.26E-04	3.28E-05	1.13E-05	4.94E-04	2.28E-05	0.00E+00	4.37E-07	3.09E-07	2.36E-05
4940	476363.09, 3862877.25	0.01209	0.0143	0.00509	0.00364	5.15E-05	0.00E+00	4.33E-07	3.13E-07	5.22E-05	2.43E-05	4.50E-04	3.25E-05	1.15E-05	5.19E-04	2.31E-05	0.00E+00	4.33E-07	3.13E-07	2.38E-05
4941	476863.09, 3862877.25	0.01235	0.01495	0.00512	0.0037	5.26E-05	0.00E+00	4.35E-07	3.19E-07	5.33E-05	2.48E-05	4.71E-04	3.27E-05	1.17E-05	5.40E-04	2.36E-05	0.00E+00	4.35E-07	3.19E-07	2.43E-05
4942	477363.09, 3862877.25	0.01281	0.01543	0.00527	0.00379	5.46E-05	0.00E+00	4.48E-07	3.26E-07	5.53E-05	2.57E-05	4.86E-04	3.36E-05	1.20E-05	5.57E-04	2.45E-05	0.00E+00	4.48E-07	3.26E-07	2.52E-05
4943	477863.09, 3862877.25	0.01333	0.01414	0.00572	0.00407	5.68E-05	0.00E+00	4.86E-07	3.50E-07	5.76E-05	2.68E-05	4.45E-04	3.65E-05	1.29E-05	5.22E-04	2.55E-05	0.00E+00	4.86E-07	3.50E-07	2.63E-05
4944	478363.09, 3862877.25	0.01327	0.01031	0.00636	0.00423	5.65E-05	0.00E+00	5.41E-07	3.64E-07	5.74E-05	2.67E-05	3.25E-04	4.06E-05	1.34E-05	4.05E-04	2.53E-05	0.00E+00	5.41E-07	3.64E-07	2.63E-05
4945	478863.09, 3862877.25	0.01417	0.01096	0.00665	0.00435	6.03E-05	0.00E+00	5.66E-07	3.75E-07	6.13E-05	2.85E-05	3.45E-04	4.24E-05	1.37E-05	4.30E-04	2.71E-05	0.00E+00	5.66E-07	3.75E-07	2.80E-05
4946	479363.09, 3862877.25	0.01491	0.01219	0.00673	0.00435	6.35E-05	0.00E+00	5.72E-07	3.75E-07	6.44E-05	2.99E-05	3.84E-04	4.29E-05	1.37E-05	4.71E-04	2.85E-05	0.00E+00	5.72E-07	3.75E-07	2.94E-05
4947	479863.09, 3862877.25	0.01681	0.02207	0.00638	0.00422	7.16E-05	0.00E+00	5.43E-07	3.63E-07	7.25E-05	3.38E-05	6.95E-04	4.07E-05	1.33E-05	7.83E-04	3.21E-05	0.00E+00	5.43E-07	3.63E-07	3.30E-05
4948	480363.09, 3862877.25	0.01771	0.02434	0.00655	0.00434	7.54E-05	0.00E+00	5.57E-07	3.74E-07	7.64E-05	3.56E-05	7.67E-04	4.18E-05	1.37E-05	8.58E-04	3.38E-05	0.00E+00	5.57E-07	3.74E-07	3.48E-05
4949	480863.09, 3862877.25	0.01888	0.02605	0.0067	0.00437	8.04E-05	0.00E+00	5.70E-07	3.76E-07	8.13E-05	3.79E-05	8.21E-04	4.27E-05	1.38E-05	9.15E-04	3.61E-05	0.00E+00	5.70E-07	3.76E-07	3.70E-05
4950	481363.09, 3862877.25	0.01984	0.02772	0.00675	0.0044	8.45E-05	0.00E+00	5.74E-07	3.79E-07	8.54E-05	3.98E-05	8.73E-04	4.31E-05	1.39E-05	9.70E-04	3.79E-05	0.00E+00	5.74E-07	3.79E-07	3.88E-05
4951	481863.09, 3862877.25	0.02061	0.02872	0.00688	0.0044	8.78E-05	0.00E+00	5.85E-07	3.79E-07	8.87E-05	4.14E-05	9.05E-04	4.39E-05	1.39E-05	1.00E-03	3.94E-05	0.00E+00	5.85E-07	3.79E-07	4.03E-05
4952	482363.09, 3862877.25	0.02076	0.03062	0.00639	0.00451	8.84E-05	0.00E+00	5.43E-07	3.88E-07	8.93E-05	4.17E-05	9.65E-04	4.08E-05	1.42E-05	1.06E-03	3.97E-05	0.00E+00	5.43E-07	3.88E-07	4.06E-05

4953	482863.09, 3862877.25	0.02155	0.03229	0.00589	0.00465	9.18E-05	0.00E+00	5.01E-07	4.00E-07	9.27E-05	4.33E-05	1.02E-03	3.76E-05	1.47E-05	1.11E-03	4.12E-05	0.00E+00	5.01E-07	4.00E-07	4.21E-05
4954	483363.09, 3862877.25	0.02198	0.0341	0.00553	0.00483	9.36E-05	0.00E+00	4.70E-07	4.16E-07	9.45E-05	4.41E-05	1.07E-03	3.53E-05	1.53E-05	1.17E-03	4.20E-05	0.00E+00	4.70E-07	4.16E-07	4.29E-05
4955	483863.09, 3862877.25	0.02178	0.03595	0.00513	0.00498	9.28E-05	0.00E+00	4.36E-07	4.29E-07	9.36E-05	4.37E-05	1.13E-03	3.27E-05	1.57E-05	1.22E-03	4.16E-05	0.00E+00	4.36E-07	4.29E-07	4.25E-05
4956	484363.09, 3862877.25	0.02157	0.03747	0.00469	0.00494	9.19E-05	0.00E+00	3.99E-07	4.25E-07	9.27E-05	4.33E-05	1.18E-03	2.99E-05	1.56E-05	1.27E-03	4.12E-05	0.00E+00	3.99E-07	4.25E-07	4.20E-05
4957	484863.09, 3862877.25	0.02127	0.03951	0.00502	0.00477	9.06E-05	0.00E+00	4.27E-07	4.11E-07	9.14E-05	4.27E-05	1.24E-03	3.20E-05	1.51E-05	1.33E-03	4.06E-05	0.00E+00	4.27E-07	4.11E-07	4.15E-05
4958	485363.09, 3862877.25	0.02065	0.04225	0.0058	0.00448	8.79E-05	0.00E+00	4.93E-07	3.86E-07	8.88E-05	4.15E-05	1.33E-03	3.70E-05	1.41E-05	1.42E-03	3.94E-05	0.00E+00	4.93E-07	3.86E-07	4.03E-05
4959	485863.09, 3862877.25	0.01949	0.04499	0.0045	0.00431	8.30E-05	0.00E+00	3.83E-07	3.71E-07	8.38E-05	3.91E-05	1.42E-03	2.87E-05	1.36E-05	1.50E-03	3.72E-05	0.00E+00	3.83E-07	3.71E-07	3.80E-05
4960	486363.09, 3862877.25	0.01912	0.04763	0.00396	0.00425	8.14E-05	0.00E+00	3.37E-07	3.66E-07	8.21E-05	3.84E-05	1.50E-03	2.53E-05	1.34E-05	1.58E-03	3.65E-05	0.00E+00	3.37E-07	3.66E-07	3.72E-05
4961	486863.09, 3862877.25	0.01891	0.04773	0.00411	0.00422	8.05E-05	0.00E+00	3.50E-07	3.63E-07	8.12E-05	3.80E-05	1.50E-03	2.62E-05	1.33E-05	1.58E-03	3.61E-05	0.00E+00	3.50E-07	3.63E-07	3.68E-05
4962	487363.09, 3862877.25	0.01937	0.0488	0.00509	0.00421	8.25E-05	0.00E+00	4.33E-07	3.63E-07	8.33E-05	3.89E-05	1.54E-03	3.25E-05	1.33E-05	1.62E-03	3.70E-05	0.00E+00	4.33E-07	3.63E-07	3.78E-05
4963	487863.09, 3862877.25	0.01998	0.04907	0.00604	0.00448	8.51E-05	0.00E+00	5.14E-07	3.86E-07	8.60E-05	4.01E-05	1.55E-03	3.85E-05	1.41E-05	1.64E-03	3.82E-05	0.00E+00	5.14E-07	3.86E-07	3.91E-05
4964	488363.09, 3862877.25	0.01986	0.04767	0.00556	0.00473	8.46E-05	0.00E+00	4.73E-07	4.07E-07	8.55E-05	3.99E-05	1.50E-03	3.55E-05	1.49E-05	1.59E-03	3.79E-05	0.00E+00	4.73E-07	4.07E-07	3.88E-05
4965	488863.09, 3862877.25	0.01923	0.04765	0.00405	0.00449	8.19E-05	0.00E+00	3.44E-07	3.87E-07	8.26E-05	3.86E-05	1.50E-03	2.58E-05	1.42E-05	1.58E-03	3.67E-05	0.00E+00	3.44E-07	3.87E-07	3.75E-05
4966	489363.09, 3862877.25	0.01945	0.04875	0.00374	0.0044	8.28E-05	0.00E+00	3.18E-07	3.79E-07	8.35E-05	3.91E-05	1.54E-03	2.39E-05	1.39E-05	1.61E-03	3.71E-05	0.00E+00	3.18E-07	3.79E-07	3.78E-05
4967	489863.09, 3862877.25	0.02028	0.04952	0.00334	0.0046	8.64E-05	0.00E+00	2.84E-07	3.96E-07	8.70E-05	4.07E-05	1.56E-03	2.13E-05	1.45E-05	1.64E-03	3.87E-05	0.00E+00	2.84E-07	3.96E-07	3.94E-05
4968	490363.09, 3862877.25	0.02054	0.05062	0.0037	0.00488	8.75E-05	0.00E+00	3.15E-07	4.20E-07	8.82E-05	4.13E-05	1.59E-03	2.36E-05	1.54E-05	1.67E-03	3.92E-05	0.00E+00	3.15E-07	4.20E-07	4.00E-05
4969	490863.09, 3862877.25	0.02064	0.05179	0.00478	0.00489	8.79E-05	0.00E+00	4.07E-07	4.21E-07	8.87E-05	4.15E-05	1.63E-03	3.05E-05	1.54E-05	1.72E-03	3.94E-05	0.00E+00	4.07E-07	4.21E-07	4.02E-05
4970	491363.09, 3862877.25	0.0213	0.052	0.00597	0.00486	9.07E-05	0.00E+00	5.08E-07	4.18E-07	9.16E-05	4.28E-05	1.64E-03	3.81E-05	1.53E-05	1.73E-03	4.07E-05	0.00E+00	5.08E-07	4.18E-07	4.16E-05
4971	491863.09, 3862877.25	0.02089	0.0502	0.00622	0.00475	8.90E-05	0.00E+00	5.29E-07	4.09E-07	8.99E-05	4.20E-05	1.58E-03	3.97E-05	1.50E-05	1.68E-03	3.99E-05	0.00E+00	5.29E-07	4.09E-07	4.08E-05
4972	492363.09, 3862877.25	0.02123	0.04906	0.00614	0.00464	9.04E-05	0.00E+00	5.22E-07	4.00E-07	9.13E-05	4.26E-05	1.55E-03	3.92E-05	1.47E-05	1.64E-03	4.05E-05	0.00E+00	5.22E-07	4.00E-07	4.15E-05
4973	492863.09, 3862877.25	0.02232	0.04899	0.00612	0.00456	9.51E-05	0.00E+00	5.20E-07	3.93E-07	9.60E-05	4.48E-05	1.54E-03	3.90E-05	1.44E-05	1.64E-03	4.26E-05	0.00E+00	5.20E-07	3.93E-07	4.35E-05
4974	493363.09, 3862877.25	0.02251	0.04962	0.00652	0.0046	9.59E-05	0.00E+00	5.55E-07	3.96E-07	9.68E-05	4.52E-05	1.56E-03	4.16E-05	1.45E-05	1.66E-03	4.30E-05	0.00E+00	5.55E-07	3.96E-07	4.39E-05
4975	493863.09, 3862877.25	0.02154	0.05008	0.00646	0.0047	9.17E-05	0.00E+00	5.49E-07	4.05E-07	9.27E-05	4.33E-05	1.58E-03	4.12E-05	1.48E-05	1.68E-03	4.11E-05	0.00E+00	5.49E-07	4.05E-07	4.21E-05
4976	494363.09, 3862877.25	0.02035	0.04993	0.00595	0.00476	8.67E-05	0.00E+00	5.06E-07	4.10E-07	8.76E-05	4.09E-05	1.57E-03	3.80E-05	1.50E-05	1.67E-03	3.89E-05	0.00E+00	5.06E-07	4.10E-07	3.98E-05
4977	494863.09, 3862877.25	0.01968	0.04924	0.00569	0.00477	8.38E-05	0.00E+00	4.84E-07	4.11E-07	8.47E-05	3.95E-05	1.55E-03	3.63E-05	1.51E-05	1.64E-03	3.76E-05	0.00E+00	4.84E-07	4.11E-07	3.85E-05
4978	495363.09, 3862877.25	0.0196	0.04848	0.00593	0.00479	8.35E-05	0.00E+00	5.04E-07	4.12E-07	8.44E-05	3.94E-05	1.53E-03	3.78E-05	1.51E-05	1.62E-03	3.74E-05	0.00E+00	5.04E-07	4.12E-07	3.84E-05
4979	495863.09, 3862877.25	0.01966	0.04742	0.00637	0.0048	8.37E-05	0.00E+00	5.42E-07	4.13E-07	8.47E-05	3.95E-05	1.49E-03	4.06E-05	1.52E-05	1.59E-03	3.75E-05	0.00E+00	5.42E-07	4.13E-07	3.85E-05
4980	496363.09, 3862877.25	0.0198	0.04604	0.00661	0.0048	8.43E-05	0.00E+00	5.62E-07	4.13E-07	8.53E-05	3.98E-05	1.45E-03	4.22E-05	1.52E-05	1.55E-03	3.78E-05	0.00E+00	5.62E-07	4.13E-07	3.88E-05
4981	496863.09, 3862877.25	0.02023	0.04456	0.00648	0.0048	8.62E-05	0.00E+00	5.51E-07	4.13E-07	8.71E-05	4.06E-05	1.40E-03	4.13E-05	1.52E-05	1.50E-03	3.86E-05	0.00E+00	5.51E-07	4.13E-07	3.96E-05
4982	497363.09, 3862877.25	0.02088	0.04301	0.00615	0.00479	8.89E-05	0.00E+00	5.23E-07	4.12E-07	8.99E-05	4.19E-05	1.35E-03	3.92E-05	1.51E-05	1.45E-03	3.99E-05	0.00E+00	5.23E-07	4.12E-07	4.08E-05
4983	497863.09, 3862877.25	0.02154	0.0417	0.00592	0.00482	9.17E-05	0.00E+00	5.03E-07	4.15E-07	9.26E-05	4.33E-05	1.31E-03	3.78E-05	1.52E-05	1.41E-03	4.11E-05	0.00E+00	5.03E-07	4.15E-07	4.21E-05
4984	498363.09, 3862877.25	0.02199	0.04065	0.00595	0.00487	9.36E-05	0.00E+00	5.06E-07	4.19E-07	9.46E-05	4.42E-05	1.28E-03	3.80E-05	1.54E-05	1.38E-03	4.20E-05	0.00E+00	5.06E-07	4.19E-07	4.29E-05
4985	471363.09, 3863377.25	0.00915	0.00883	0.00431	0.00284	3.90E-05	0.00E+00	3.67E-07	2.45E-07	3.96E-05	1.84E-05	2.78E-04	2.75E-05	8.97E-06	3.33E-04	1.75E-05	0.00E+00	3.67E-07	2.45E-07	1.81E-05
4986	471863.09, 3863377.25	0.00934	0.0092	0.00442	0.00293	3.98E-05	0.00E+00	3.76E-07	2.52E-07	4.04E-05	1.88E-05	2.90E-04	2.82E-05	9.25E-06	3.46E-04	1.78E-05	0.00E+00	3.76E-07	2.52E-07	1.85E-05
4987	472363.09, 3863377.25	0.00954	0.00959	0.00455	0.00302	4.06E-05	0.00E+00	3.87E-07	2.60E-07	4.13E-05	1.92E-05	3.02E-04	2.90E-05	9.54E-06	3.60E-04	1.82E-05	0.00E+00	3.87E-07	2.60E-07	1.89E-05
4988	472863.09, 3863377.25	0.00977	0.00999	0.00468	0.0031	4.16E-05	0.00E+00	3.98E-07	2.67E-07	4.23E-05	1.96E-05	3.15E-04	2.99E-05	9.79E-06	3.74E-04	1.87E-05	0.00E+00	3.98E-07	2.67E-07	1.93E-05
4989	473363.09, 3863377.25	0.00999	0.01042	0.00476	0.00317	4.25E-05	0.00E+00	4.05E-07	2.73E-07	4.32E-05	2.01E-05	3.28E-04	3.04E-05	1.00E-05	3.89E-04	1.91E-05	0.00E+00	4.05E-07	2.73E-07	1.98E-05
4990	473863.09, 3863377.25	0.0102	0.01086	0.00479	0.00324	4.34E-05	0.00E+00	4.07E-07	2.79E-07	4.41E-05	2.05E-05	3.42E-04	3.06E-05	1.02E-05	4.03E-04	1.95E-05	0.00E+00	4.07E-07	2.79E-07	2.02E-05
4991	474363.09, 3863377.25	0.01036	0.01131	0.00477	0.00331	4.41E-05	0.00E+00	4.06E-07	2.85E-07	4.48E-05	2.08E-05	3.56E-04	3.04E-05	1.05E-05	4.18E-04	1.98E-05	0.00E+00	4.06E-07	2.85E-07	2.05E-05
4992	474863.09, 3863377.25	0.01045	0.01196	0.00473	0.00336	4.45E-05	0.00E+00	4.02E-07	2.89E-07	4.52E-05	2.10E-05	3.77E-04	3.02E-05	1.06E-05	4.39E-04	2.00E-05	0.00E+00	4.02E-07	2.89E-07	2.07E-05
4993	475363.09, 3863377.25	0.01058	0.01257	0.00468	0.0034	4.51E-05	0.00E+00	3.98E-07	2.93E-07	4.57E-05	2.13E-05	3.96E-04	2.99E-05	1.07E-05	4.58E-04	2.02E-05	0.00E+00	3.98E-07	2.93E-07	2.09E-05
4994	475863.09, 3863377.25	0.01076	0.01326	0.0047	0.00343	4.58E-05	0.00E+00	4.00E-07	2.95E-07	4.65E-05	2.16E-05	4.18E-04	3.00E-05	1.08E-05	4.80E-04	2.06E-05	0.00E+00	4.00E-07	2.95E-07	2.12E-05
4995	476363.09, 3863377.25	0.01103	0.0141	0.00485	0.00344	4.70E-05	0.00E+00	4.12E-07	2.96E-07	4.77E-05	2.22E-05	4.44E-04	3.09E-05	1.09E-05	5.08E-04	2.11E-05	0.00E+00	4.12E-07	2.96E-07	2.18E-05
4996	476863.09, 3863377.25	0.01147	0.01494	0.00511	0.00347	4.88E-05	0.00E+00	4.35E-07	2.99E-07	4.96E-05	2.30E-05	4.71E-04	3.26E-05	1.10E-05	5.37E-04	2.19E-05	0.00E+00	4.35E-07	2.99E-07	2.26E-05
4997	477363.09, 3863377.25	0.0121	0.01566	0.00539	0.00353	5.15E-05	0.00E+00	4.58E-07	3.04E-07	5.23E-05	2.43E-05	4.93E-04	3.44E-05	1.11E-05	5.63E-04	2.31E-05	0.00E+00	4.58E-07	3.04E-07	2.39E-05
4998	477863.09, 3863377.25	0.01285	0.0158	0.00563	0.00368	5.47E-05	0.00E+00	4.79E-07	3.17E-07	5.55E-05	2.58E-05	4.98E-04	3.59E-05	1.16E-05	5.71E-04	2.45E-05	0.00E+00	4.79E-07	3.17E-07	2.53E-05
4999	478363.09, 3863377.25	0.01344	0.01402	0.00589	0.00395	5.72E-05	0.00E+00	5.01E-07	3.40E-07	5.81E-05	2.70E-05	4.42E-04	3.76E-05	1.25E-05	5.19E-04	2.57E-05	0.00E+00	5.01E-07	3.40E-07	2.65E-05
5000	478863.09, 3863377.25	0.01405	0.01558	0.00597	0.00397	5.98E-05	0.00E+00	5.08E-07	3.42E-07	6.07E-05	2.82E-05	4.91E-04	3.81E-05	1.25E-05	5.70E-04	2.68E-05	0.00E+00	5.08E-07	3.42E-07	2.77E-05
5001	479363.09, 3863377.25	0.01485	0.01881	0.00598	0.00394	6.32E-05	0.00E+00	5.09E-07	3.39E-07	6.41E-05	2.98E-05	5.93E-04	3.81E-05	1.24E-05	6.73E-04	2.84E-05	0.00E+00	5.09E-07	3.39E-07	2.92E-05
5002	479863.09, 3863377.25	0.01551	0.0214	0.00611	0.00402	6.61E-05	0.00E+00	5.20E-07	3.46E-07	6.69E-05	3.12E-05	6.74E-04	3.90E-05	1.27E-05	7.57E-04	2.96E-05	0.00E+00	5.20E-07	3.46E-07	3.05E-05
5003	480363.09, 3863377.25	0.01643	0.02269	0.00611	0.00412	7.00E-05	0.00E+00	5.20E-07	3.55E-07	7.08E-05	3.30E-05	7.15E-04	3.90E-05	1.30E-05	8.00E-04	3.14E-05	0.00E+00	5.20E-07	3.55E-07	3.23E-05
5004	480863.09, 3863377.25	0.01748	0.02376	0.00625	0.00411	7.44E-05	0.00E+00	5.32E-07	3.54E-07	7.53E-05	3.51E-05	7.48E-04	3.99E-05	1.30E-05	8.36E-04	3.34E-05	0.00E+00	5.32E-07	3.54E-07	3.43E-05
5005	481363.09, 3863377.25	0.01801	0.02484	0.0061	0.00412	7.67E-05	0.00E+00	5.19E-07	3.55E-07	7.76E-05	3.62E-05	7.82E-04	3.89E-05	1.30E-05	8.71E-04	3.44E-05	0.00E+00	5.19E-07	3.55E-07	3.53E-05
5006	481863.09, 3863377.25	0.01823	0.02597	0.00573	0.00412	7.76E-05	0.00E+00	4.87E-07	3.55E-07	7.85E-05	3.66E-05	8.18E-04	3.65E-05	1.30E-05	9.04E-04	3.48E-05	0.00E+00	4.87E-07	3.55E-07	3.57E-05
5007	482363.09, 3863377.25	0.01865	0.02729	0.00527	0.00419	7.94E-05	0.00E+00	4.48E-07	3.61E-07	8.02E-05	3.75E-05	8.60E-04	3.36E-05	1.32E-05	9.44E-04	3.56E-05	0.00E+00	4.48E-07	3.61E-07	3.64E-05
5008	482863.09, 3863377.25	0.01924	0.02856	0.00497	0.00431	8.19E-05	0.00E+00	4.23E-07	3.71E-07	8.27E-05	3.86E-05	9.00E-04	3.17E-05	1.36E-05	9.84E-04	3.67E-05	0.00E+00	4.23E-07	3.71E-07	3.75E-05
5009	483363.09, 3863377.25	0.01936	0.02975	0.00471	0.00446	8.24E-05	0.00E+00	4.01E-07	3.84E-07	8.32E-05	3.89E-05	9.37E-04	3.00E-05	1.41E-05	1.02E-03	3.70E-05	0.00E+00	4.01E-07	3.84E-07	3.78E-05
5010	483863.09, 3863377.25	0.01912	0.03091	0.00431	0.00452	8.14E-05	0.00E+00	3.67E-07	3.89E-07	8.22E-05	3.84E-05	9.74E-04	2.75E-05	1.43E-05	1.05E-03	3.65E-05	0.00E+00	3.67E-07	3.89E-07	3.73E-05
5011	484363.09, 3863377.25	0.01896	0.03225	0.00442	0.00439	8.07E-05	0.00E+00	3.76E-07	3.78E-07	8.15E-05	3.81E-05	1.02E-03	2.82E-05	1.39E-05	1.10E-03	3.62E-05	0.00E+00	3.76E-07	3.78E-07	3.70E-05

5012	484863.09, 3863377.25	0.01906	0.03404	0.00549	0.00418	8.12E-05	0.00E+00	4.67E-07	3.60E-07	8.20E-05	3.83E-05	1.07E-03	3.50E-05	1.32E-05	1.16E-03	3.64E-05	0.00E+00	4.67E-07	3.60E-07	3.72E-05
5013	485363.09, 3863377.25	0.01824	0.03604	0.0051	0.00389	7.77E-05	0.00E+00	4.34E-07	3.35E-07	7.84E-05	3.66E-05	1.14E-03	3.25E-05	1.23E-05	1.22E-03	3.48E-05	0.00E+00	4.34E-07	3.35E-07	3.56E-05
5014	485863.09, 3863377.25	0.01729	0.03824	0.00379	0.00378	7.36E-05	0.00E+00	3.22E-07	3.25E-07	7.43E-05	3.47E-05	1.20E-03	2.42E-05	1.19E-05	1.28E-03	3.30E-05	0.00E+00	3.22E-07	3.25E-07	3.37E-05
5015	486363.09, 3863377.25	0.01688	0.0393	0.00379	0.00382	7.19E-05	0.00E+00	3.22E-07	3.29E-07	7.25E-05	3.39E-05	1.24E-03	2.42E-05	1.21E-05	1.31E-03	3.22E-05	0.00E+00	3.22E-07	3.29E-07	3.29E-05
5016	486863.09, 3863377.25	0.01674	0.03895	0.00391	0.00371	7.13E-05	0.00E+00	3.33E-07	3.19E-07	7.19E-05	3.36E-05	1.23E-03	2.49E-05	1.17E-05	1.30E-03	3.20E-05	0.00E+00	3.33E-07	3.19E-07	3.26E-05
5017	487363.09, 3863377.25	0.01715	0.03916	0.00493	0.00371	7.30E-05	0.00E+00	4.19E-07	3.19E-07	7.38E-05	3.44E-05	1.23E-03	3.14E-05	1.17E-05	1.31E-03	3.28E-05	0.00E+00	4.19E-07	3.19E-07	3.35E-05
5018	487863.09, 3863377.25	0.01776	0.03929	0.00568	0.00394	7.56E-05	0.00E+00	4.83E-07	3.39E-07	7.65E-05	3.57E-05	1.24E-03	3.62E-05	1.24E-05	1.32E-03	3.39E-05	0.00E+00	4.83E-07	3.39E-07	3.47E-05
5019	488363.09, 3863377.25	0.01785	0.03836	0.00524	0.00414	7.60E-05	0.00E+00	4.46E-07	3.56E-07	7.68E-05	3.59E-05	1.21E-03	3.34E-05	1.31E-05	1.29E-03	3.41E-05	0.00E+00	4.46E-07	3.56E-07	3.49E-05
5020	488863.09, 3863377.25	0.01726	0.03807	0.00383	0.00388	7.35E-05	0.00E+00	3.26E-07	3.34E-07	7.42E-05	3.47E-05	1.20E-03	2.44E-05	1.23E-05	1.27E-03	3.30E-05	0.00E+00	3.26E-07	3.34E-07	3.36E-05
5021	489363.09, 3863377.25	0.017	0.03889	0.00355	0.00382	7.24E-05	0.00E+00	3.02E-07	3.29E-07	7.30E-05	3.41E-05	1.23E-03	2.26E-05	1.21E-05	1.29E-03	3.25E-05	0.00E+00	3.02E-07	3.29E-07	3.31E-05
5022	489863.09, 3863377.25	0.01761	0.03949	0.00316	0.00389	7.50E-05	0.00E+00	2.69E-07	3.35E-07	7.56E-05	3.54E-05	1.24E-03	2.02E-05	1.23E-05	1.31E-03	3.36E-05	0.00E+00	2.69E-07	3.35E-07	3.42E-05
5023	490363.09, 3863377.25	0.01823	0.0399	0.00313	0.00418	7.76E-05	0.00E+00	2.66E-07	3.60E-07	7.83E-05	3.66E-05	1.26E-03	2.00E-05	1.32E-05	1.33E-03	3.48E-05	0.00E+00	2.66E-07	3.60E-07	3.54E-05
5024	490863.09, 3863377.25	0.01826	0.04102	0.00379	0.00434	7.78E-05	0.00E+00	3.22E-07	3.74E-07	7.85E-05	3.67E-05	1.29E-03	2.42E-05	1.37E-05	1.37E-03	3.49E-05	0.00E+00	3.22E-07	3.74E-07	3.56E-05
5025	491363.09, 3863377.25	0.01843	0.04176	0.00485	0.00428	7.85E-05	0.00E+00	4.12E-07	3.69E-07	7.93E-05	3.70E-05	1.32E-03	3.09E-05	1.35E-05	1.40E-03	3.52E-05	0.00E+00	4.12E-07	3.69E-07	3.60E-05
5026	491863.09, 3863377.25	0.01879	0.04183	0.00559	0.00424	8.00E-05	0.00E+00	4.75E-07	3.65E-07	8.09E-05	3.77E-05	1.32E-03	3.57E-05	1.34E-05	1.40E-03	3.59E-05	0.00E+00	4.75E-07	3.65E-07	3.67E-05
5027	492363.09, 3863377.25	0.01878	0.04105	0.00584	0.00427	8.00E-05	0.00E+00	4.97E-07	3.68E-07	8.08E-05	3.77E-05	1.29E-03	3.73E-05	1.35E-05	1.38E-03	3.59E-05	0.00E+00	4.97E-07	3.68E-07	3.67E-05
5028	492863.09, 3863377.25	0.0195	0.04007	0.00593	0.0043	8.30E-05	0.00E+00	5.04E-07	3.70E-07	8.39E-05	3.92E-05	1.26E-03	3.78E-05	1.36E-05	1.35E-03	3.72E-05	0.00E+00	5.04E-07	3.70E-07	3.81E-05
5029	493363.09, 3863377.25	0.02081	0.03941	0.00624	0.00416	8.86E-05	0.00E+00	5.31E-07	3.58E-07	8.95E-05	4.18E-05	1.24E-03	3.98E-05	1.31E-05	1.34E-03	3.97E-05	0.00E+00	5.31E-07	3.58E-07	4.06E-05
5030	493863.09, 3863377.25	0.02098	0.03986	0.00662	0.00416	8.93E-05	0.00E+00	5.63E-07	3.58E-07	9.03E-05	4.21E-05	1.26E-03	4.22E-05	1.31E-05	1.35E-03	4.01E-05	0.00E+00	5.63E-07	3.58E-07	4.10E-05
5031	494363.09, 3863377.25	0.01988	0.04068	0.00631	0.00426	8.47E-05	0.00E+00	5.37E-07	3.67E-07	8.56E-05	3.99E-05	1.28E-03	4.02E-05	1.35E-05	1.38E-03	3.80E-05	0.00E+00	5.37E-07	3.67E-07	3.89E-05
5032	494863.09, 3863377.25	0.01883	0.04108	0.00584	0.00435	8.02E-05	0.00E+00	4.97E-07	3.75E-07	8.11E-05	3.78E-05	1.29E-03	3.73E-05	1.37E-05	1.38E-03	3.60E-05	0.00E+00	4.97E-07	3.75E-07	3.68E-05
5033	495363.09, 3863377.25	0.01834	0.04108	0.00561	0.00439	7.81E-05	0.00E+00	4.77E-07	3.78E-07	7.90E-05	3.68E-05	1.29E-03	3.58E-05	1.39E-05	1.38E-03	3.50E-05	0.00E+00	4.77E-07	3.78E-07	3.59E-05
5034	495863.09, 3863377.25	0.01831	0.04091	0.00579	0.0044	7.80E-05	0.00E+00	4.92E-07	3.79E-07	7.88E-05	3.68E-05	1.29E-03	3.69E-05	1.39E-05	1.38E-03	3.50E-05	0.00E+00	4.92E-07	3.79E-07	3.58E-05
5035	496363.09, 3863377.25	0.01775	0.04024	0.0057	0.00422	7.56E-05	0.00E+00	4.85E-07	3.63E-07	7.64E-05	3.57E-05	1.27E-03	3.64E-05	1.33E-05	1.35E-03	3.39E-05	0.00E+00	4.85E-07	3.63E-07	3.47E-05
5036	496863.09, 3863377.25	0.01745	0.03874	0.00594	0.00413	7.43E-05	0.00E+00	5.05E-07	3.56E-07	7.52E-05	3.50E-05	1.22E-03	3.79E-05	1.30E-05	1.31E-03	3.33E-05	0.00E+00	5.05E-07	3.56E-07	3.42E-05
5037	497363.09, 3863377.25	0.01762	0.03772	0.00604	0.00412	7.50E-05	0.00E+00	5.14E-07	3.55E-07	7.59E-05	3.54E-05	1.19E-03	3.85E-05	1.30E-05	1.28E-03	3.37E-05	0.00E+00	5.14E-07	3.55E-07	3.45E-05
5038	497863.09, 3863377.25	0.01812	0.03671	0.00585	0.00412	7.72E-05	0.00E+00	4.98E-07	3.55E-07	7.80E-05	3.64E-05	1.16E-03	3.73E-05	1.30E-05	1.24E-03	3.46E-05	0.00E+00	4.98E-07	3.55E-07	3.55E-05
5039	498363.09, 3863377.25	0.01874	0.03565	0.00552	0.00413	7.98E-05	0.00E+00	4.69E-07	3.56E-07	8.06E-05	3.76E-05	1.12E-03	3.52E-05	1.30E-05	1.21E-03	3.58E-05	0.00E+00	4.69E-07	3.56E-07	3.66E-05
5040	471363.09, 3863877.25	0.0086	0.00869	0.00433	0.00286	3.66E-05	0.00E+00	3.68E-07	2.46E-07	3.72E-05	1.73E-05	2.74E-04	2.76E-05	9.03E-06	3.28E-04	1.64E-05	0.00E+00	3.68E-07	2.46E-07	1.70E-05
5041	471863.09, 3863877.25	0.00878	0.00892	0.00441	0.00294	3.74E-05	0.00E+00	3.75E-07	2.53E-07	3.80E-05	1.76E-05	2.81E-04	2.81E-05	9.28E-06	3.36E-04	1.68E-05	0.00E+00	3.75E-07	2.53E-07	1.74E-05
5042	472363.09, 3863877.25	0.00895	0.00928	0.00446	0.003	3.81E-05	0.00E+00	3.79E-07	2.58E-07	3.88E-05	1.80E-05	2.92E-04	2.84E-05	9.47E-06	3.48E-04	1.71E-05	0.00E+00	3.79E-07	2.58E-07	1.77E-05
5043	472863.09, 3863877.25	0.00909	0.00966	0.00446	0.00306	3.87E-05	0.00E+00	3.79E-07	2.63E-07	3.94E-05	1.83E-05	3.04E-04	2.84E-05	9.66E-06	3.61E-04	1.74E-05	0.00E+00	3.79E-07	2.63E-07	1.80E-05
5044	473363.09, 3863877.25	0.00918	0.01013	0.00443	0.00311	3.91E-05	0.00E+00	3.77E-07	2.68E-07	3.97E-05	1.84E-05	3.19E-04	2.83E-05	9.82E-06	3.76E-04	1.75E-05	0.00E+00	3.77E-07	2.68E-07	1.82E-05
5045	473863.09, 3863877.25	0.00927	0.01056	0.00436	0.00316	3.95E-05	0.00E+00	3.71E-07	2.72E-07	4.01E-05	1.86E-05	3.33E-04	2.78E-05	9.98E-06	3.89E-04	1.77E-05	0.00E+00	3.71E-07	2.72E-07	1.83E-05
5046	474363.09, 3863877.25	0.00935	0.01109	0.00434	0.0032	3.98E-05	0.00E+00	3.69E-07	2.76E-07	4.05E-05	1.88E-05	3.49E-04	2.77E-05	1.01E-05	4.06E-04	1.79E-05	0.00E+00	3.69E-07	2.76E-07	1.85E-05
5047	474863.09, 3863877.25	0.00946	0.01175	0.00445	0.00322	4.03E-05	0.00E+00	3.78E-07	2.77E-07	4.09E-05	1.90E-05	3.70E-04	2.84E-05	1.02E-05	4.28E-04	1.81E-05	0.00E+00	3.78E-07	2.77E-07	1.87E-05
5048	475363.09, 3863877.25	0.00969	0.01237	0.00454	0.00323	4.13E-05	0.00E+00	3.86E-07	2.78E-07	4.19E-05	1.95E-05	3.90E-04	2.90E-05	1.02E-05	4.48E-04	1.85E-05	0.00E+00	3.86E-07	2.78E-07	1.92E-05
5049	475863.09, 3863877.25	0.00997	0.01316	0.00482	0.00324	4.25E-05	0.00E+00	4.10E-07	2.79E-07	4.31E-05	2.00E-05	4.15E-04	3.07E-05	1.02E-05	4.76E-04	1.90E-05	0.00E+00	4.10E-07	2.79E-07	1.97E-05
5050	476363.09, 3863877.25	0.01037	0.01386	0.00507	0.00326	4.42E-05	0.00E+00	4.31E-07	2.81E-07	4.49E-05	2.08E-05	4.37E-04	3.23E-05	1.03E-05	5.00E-04	1.98E-05	0.00E+00	4.31E-07	2.81E-07	2.05E-05
5051	476863.09, 3863877.25	0.01086	0.01461	0.00531	0.00331	4.62E-05	0.00E+00	4.52E-07	2.85E-07	4.70E-05	2.18E-05	4.60E-04	3.39E-05	1.05E-05	5.26E-04	2.07E-05	0.00E+00	4.52E-07	2.85E-07	2.15E-05
5052	477363.09, 3863877.25	0.01147	0.01529	0.0054	0.00339	4.88E-05	0.00E+00	4.59E-07	2.92E-07	4.96E-05	2.30E-05	4.82E-04	3.44E-05	1.07E-05	5.50E-04	2.19E-05	0.00E+00	4.59E-07	2.92E-07	2.27E-05
5053	477863.09, 3863877.25	0.01212	0.01566	0.0054	0.00347	5.16E-05	0.00E+00	4.59E-07	2.99E-07	5.24E-05	2.43E-05	4.93E-04	3.44E-05	1.10E-05	5.63E-04	2.31E-05	0.00E+00	4.59E-07	2.99E-07	2.39E-05
5054	478363.09, 3863877.25	0.01265	0.01497	0.00556	0.00363	5.39E-05	0.00E+00	4.73E-07	3.13E-07	5.47E-05	2.54E-05	4.72E-04	3.55E-05	1.15E-05	5.44E-04	2.42E-05	0.00E+00	4.73E-07	3.13E-07	2.49E-05
5055	478863.09, 3863877.25	0.01319	0.01734	0.00556	0.00359	5.62E-05	0.00E+00	4.73E-07	3.09E-07	5.70E-05	2.65E-05	5.46E-04	3.55E-05	1.13E-05	6.20E-04	2.52E-05	0.00E+00	4.73E-07	3.09E-07	2.60E-05
5056	479363.09, 3863877.25	0.01378	0.01875	0.00568	0.00372	5.87E-05	0.00E+00	4.83E-07	3.20E-07	5.95E-05	2.77E-05	5.91E-04	3.62E-05	1.17E-05	6.66E-04	2.63E-05	0.00E+00	4.83E-07	3.20E-07	2.71E-05
5057	479863.09, 3863877.25	0.01454	0.01974	0.00573	0.00386	6.19E-05	0.00E+00	4.87E-07	3.32E-07	6.27E-05	2.92E-05	6.22E-04	3.65E-05	1.22E-05	7.00E-04	2.78E-05	0.00E+00	4.87E-07	3.32E-07	2.86E-05
5058	480363.09, 3863877.25	0.01537	0.02063	0.00572	0.0039	6.55E-05	0.00E+00	4.86E-07	3.36E-07	6.63E-05	3.09E-05	6.50E-04	3.65E-05	1.23E-05	7.30E-04	2.94E-05	0.00E+00	4.86E-07	3.36E-07	3.02E-05
5059	480863.09, 3863877.25	0.01608	0.02143	0.00561	0.00386	6.85E-05	0.00E+00	4.77E-07	3.32E-07	6.93E-05	3.23E-05	6.75E-04	3.58E-05	1.22E-05	7.55E-04	3.07E-05	0.00E+00	4.77E-07	3.32E-07	3.15E-05
5060	481363.09, 3863877.25	0.0163	0.02225	0.0052	0.00383	6.94E-05	0.00E+00	4.42E-07	3.30E-07	7.02E-05	3.27E-05	7.01E-04	3.32E-05	1.21E-05	7.79E-04	3.11E-05	0.00E+00	4.42E-07	3.30E-07	3.19E-05
5061	481863.09, 3863877.25	0.0164	0.02318	0.00477	0.00382	6.98E-05	0.00E+00	4.06E-07	3.29E-07	7.06E-05	3.29E-05	7.30E-04	3.04E-05	1.21E-05	8.06E-04	3.13E-05	0.00E+00	4.06E-07	3.29E-07	3.21E-05
5062	482363.09, 3863877.25	0.01691	0.02414	0.00455	0.00389	7.20E-05	0.00E+00	3.87E-07	3.35E-07	7.27E-05	3.40E-05	7.60E-04	2.90E-05	1.23E-05	8.36E-04	3.23E-05	0.00E+00	3.87E-07	3.35E-07	3.30E-05
5063	482863.09, 3863877.25	0.01726	0.02512	0.00432	0.00397	7.35E-05	0.00E+00	3.67E-07	3.42E-07	7.42E-05	3.47E-05	7.91E-04	2.76E-05	1.25E-05	8.66E-04	3.30E-05	0.00E+00	3.67E-07	3.42E-07	3.37E-05
5064	483363.09, 3863877.25	0.01714	0.02617	0.004	0.00404	7.30E-05	0.00E+00	3.40E-07	3.48E-07	7.37E-05	3.44E-05	8.24E-04	2.55E-05	1.28E-05	8.97E-04	3.27E-05	0.00E+00	3.40E-07	3.48E-07	3.34E-05
5065	483863.09, 3863877.25	0.01696	0.02728	0.00396	0.00404	7.22E-05	0.00E+00	3.37E-07	3.48E-07	7.29E-05	3.41E-05	8.59E-04	2.53E-05	1.28E-05	9.31E-04	3.24E-05	0.00E+00	3.37E-07	3.48E-07	3.31E-05
5066	484363.09, 3863877.25	0.01698	0.02836	0.00482	0.00392	7.23E-05	0.00E+00	4.10E-07	3.38E-07	7.31E-05	3.41E-05	8.93E-04	3.07E-05	1.24E-05	9.71E-04	3.24E-05	0.00E+00	4.10E-07	3.38E-07	3.32E-05
5067	484863.09, 3863877.25	0.01706	0.02957	0.00539	0.00368	7.27E-05	0.00E+00	4.58E-07	3.17E-07	7.34E-05	3.43E-05	9.31E-04	3.44E-05	1.16E-05	1.01E-03	3.26E-05	0.00E+00	4.58E-07	3.17E-07	3.34E-05
5068	485363.09, 3863877.25	0.01628	0.03116	0.00417	0.00348	6.93E-05	0.00E+00	3.55E-07	3.00E-07	7.00E-05	3.27E-05	9.82E-04	2.66E-05	1.10E-05	1.05E-03	3.11E-05	0.00E+00	3.55E-07	3.00E-07	3.17E-05
5069	485863.09, 3863877.25	0.01554	0.03288	0.00349	0.0035	6.62E-05	0.00E+00	2.97E-07	3.01E-07	6.68E-05	3.12E-05	1.04E-03	2.23E-05	1.11E-05	1.10E-03	2.97E-05	0.00E+00	2.97E-07	3.01E-07	3.03E-05
5070	486363.09, 3863877.25	0.01506	0.03275	0.00358	0.00345	6.41E-05	0.00E+00	3.04E-07	2.97E-07	6.47E-05	3.02E-05	1.03E-03	2.28E-05	1.09E-05	1.10E-03	2.88E-05	0.00E+00	3.04E-07	2.97E-07	2.94E-05

5071	486863.09, 3863877.25	0.01485	0.03257	0.00376	0.00334	6.32E-05	0.00E+00	3.20E-07	2.88E-07	6.38E-05	2.98E-05	1.03E-03	2.40E-05	1.05E-05	1.09E-03	2.84E-05	0.00E+00	3.20E-07	2.88E-07	2.90E-05
5072	487363.09, 3863877.25	0.01522	0.03225	0.00476	0.00335	6.48E-05	0.00E+00	4.05E-07	2.88E-07	6.55E-05	3.06E-05	1.02E-03	3.04E-05	1.06E-05	1.09E-03	2.91E-05	0.00E+00	4.05E-07	2.88E-07	2.98E-05
5073	487863.09, 3863877.25	0.01586	0.03229	0.00535	0.00354	6.75E-05	0.00E+00	4.55E-07	3.05E-07	6.83E-05	3.19E-05	1.02E-03	3.41E-05	1.12E-05	1.09E-03	3.03E-05	0.00E+00	4.55E-07	3.05E-07	3.11E-05
5074	488363.09, 3863877.25	0.01612	0.03183	0.00496	0.00369	6.86E-05	0.00E+00	4.22E-07	3.18E-07	6.94E-05	3.24E-05	1.00E-03	3.16E-05	1.17E-05	1.08E-03	3.08E-05	0.00E+00	4.22E-07	3.18E-07	3.15E-05
5075	488863.09, 3863877.25	0.01571	0.03146	0.00365	0.00345	6.69E-05	0.00E+00	3.10E-07	2.97E-07	6.75E-05	3.16E-05	9.91E-04	2.33E-05	1.09E-05	1.06E-03	3.00E-05	0.00E+00	3.10E-07	2.97E-07	3.06E-05
5076	489363.09, 3863877.25	0.01518	0.03198	0.00336	0.00339	6.46E-05	0.00E+00	2.86E-07	2.92E-07	6.52E-05	3.05E-05	1.01E-03	2.14E-05	1.07E-05	1.07E-03	2.90E-05	0.00E+00	2.86E-07	2.92E-07	2.96E-05
5077	489863.09, 3863877.25	0.01541	0.0326	0.0031	0.0034	6.56E-05	0.00E+00	2.64E-07	2.93E-07	6.62E-05	3.10E-05	1.03E-03	1.98E-05	1.07E-05	1.09E-03	2.94E-05	0.00E+00	2.64E-07	2.93E-07	3.00E-05
5078	490363.09, 3863877.25	0.01613	0.03275	0.0028	0.00361	6.87E-05	0.00E+00	2.38E-07	3.11E-07	6.92E-05	3.24E-05	1.03E-03	1.79E-05	1.14E-05	1.09E-03	3.08E-05	0.00E+00	2.38E-07	3.11E-07	3.14E-05
5079	490863.09, 3863877.25	0.01642	0.03331	0.00312	0.00385	6.99E-05	0.00E+00	2.65E-07	3.32E-07	7.05E-05	3.30E-05	1.05E-03	1.99E-05	1.22E-05	1.11E-03	3.14E-05	0.00E+00	2.65E-07	3.32E-07	3.20E-05
5080	491363.09, 3863877.25	0.01629	0.03403	0.0039	0.00389	6.94E-05	0.00E+00	3.32E-07	3.35E-07	7.00E-05	3.27E-05	1.07E-03	2.49E-05	1.23E-05	1.14E-03	3.11E-05	0.00E+00	3.32E-07	3.35E-07	3.18E-05
5081	491863.09, 3863877.25	0.01711	0.03514	0.00502	0.00398	7.29E-05	0.00E+00	4.27E-07	3.43E-07	7.36E-05	3.44E-05	1.11E-03	3.20E-05	1.26E-05	1.19E-03	3.27E-05	0.00E+00	4.27E-07	3.43E-07	3.34E-05
5082	492363.09, 3863877.25	0.01779	0.03503	0.00582	0.00395	7.58E-05	0.00E+00	4.95E-07	3.40E-07	7.66E-05	3.57E-05	1.10E-03	3.71E-05	1.25E-05	1.19E-03	3.40E-05	0.00E+00	4.95E-07	3.40E-07	3.48E-05
5083	492863.09, 3863877.25	0.01761	0.03224	0.00579	0.00398	7.50E-05	0.00E+00	4.92E-07	3.43E-07	7.58E-05	3.54E-05	1.02E-03	3.69E-05	1.26E-05	1.10E-03	3.36E-05	0.00E+00	4.92E-07	3.43E-07	3.45E-05
5084	493363.09, 3863877.25	0.01794	0.03114	0.00554	0.00383	7.64E-05	0.00E+00	4.71E-07	3.30E-07	7.72E-05	3.60E-05	9.81E-04	3.53E-05	1.21E-05	1.06E-03	3.43E-05	0.00E+00	4.71E-07	3.30E-07	3.51E-05
5085	493863.09, 3863877.25	0.01884	0.03124	0.00552	0.00368	8.02E-05	0.00E+00	4.69E-07	3.17E-07	8.10E-05	3.78E-05	9.84E-04	3.52E-05	1.16E-05	1.07E-03	3.60E-05	0.00E+00	4.69E-07	3.17E-07	3.68E-05
5086	494363.09, 3863877.25	0.019	0.03208	0.00612	0.00366	8.09E-05	0.00E+00	5.20E-07	3.15E-07	8.18E-05	3.82E-05	1.01E-03	3.90E-05	1.16E-05	1.10E-03	3.63E-05	0.00E+00	5.20E-07	3.15E-07	3.71E-05
5087	494863.09, 3863877.25	0.01827	0.03294	0.00629	0.00373	7.78E-05	0.00E+00	5.35E-07	3.21E-07	7.87E-05	3.67E-05	1.04E-03	4.01E-05	1.18E-05	1.13E-03	3.49E-05	0.00E+00	5.35E-07	3.21E-07	3.58E-05
5088	495363.09, 3863877.25	0.01725	0.03364	0.00581	0.00381	7.35E-05	0.00E+00	4.94E-07	3.28E-07	7.43E-05	3.46E-05	1.06E-03	3.71E-05	1.20E-05	1.14E-03	3.29E-05	0.00E+00	4.94E-07	3.28E-07	3.38E-05
5089	495863.09, 3863877.25	0.01659	0.03392	0.00534	0.00385	7.07E-05	0.00E+00	4.54E-07	3.32E-07	7.14E-05	3.33E-05	1.07E-03	3.41E-05	1.22E-05	1.15E-03	3.17E-05	0.00E+00	4.54E-07	3.32E-07	3.25E-05
5090	496363.09, 3863877.25	0.01621	0.03444	0.00502	0.00393	6.90E-05	0.00E+00	4.27E-07	3.38E-07	6.98E-05	3.26E-05	1.08E-03	3.20E-05	1.24E-05	1.16E-03	3.10E-05	0.00E+00	4.27E-07	3.38E-07	3.17E-05
5091	496863.09, 3863877.25	0.01604	0.03424	0.00512	0.0038	6.83E-05	0.00E+00	4.35E-07	3.27E-07	6.91E-05	3.22E-05	1.08E-03	3.27E-05	1.20E-05	1.16E-03	3.06E-05	0.00E+00	4.35E-07	3.27E-07	3.14E-05
5092	497363.09, 3863877.25	0.0159	0.03366	0.0054	0.00372	6.77E-05	0.00E+00	4.59E-07	3.20E-07	6.85E-05	3.19E-05	1.06E-03	3.44E-05	1.17E-05	1.14E-03	3.04E-05	0.00E+00	4.59E-07	3.20E-07	3.11E-05
5093	497863.09, 3863877.25	0.01587	0.03292	0.00563	0.00368	6.76E-05	0.00E+00	4.79E-07	3.17E-07	6.84E-05	3.19E-05	1.04E-03	3.59E-05	1.16E-05	1.12E-03	3.03E-05	0.00E+00	4.79E-07	3.17E-07	3.11E-05
5094	498363.09, 3863877.25	0.016	0.03196	0.00558	0.00364	6.81E-05	0.00E+00	4.75E-07	3.13E-07	6.89E-05	3.21E-05	1.01E-03	3.56E-05	1.15E-05	1.09E-03	3.06E-05	0.00E+00	4.75E-07	3.13E-07	3.13E-05
5095	471363.09, 3864377.25	0.00807	0.00839	0.00418	0.00284	3.44E-05	0.00E+00	3.55E-07	2.45E-07	3.50E-05	1.62E-05	2.64E-04	2.67E-05	8.97E-06	3.16E-04	1.54E-05	0.00E+00	3.55E-07	2.45E-07	1.60E-05
5096	471863.09, 3864377.25	0.00817	0.00867	0.00415	0.00289	3.48E-05	0.00E+00	3.53E-07	2.49E-07	3.54E-05	1.64E-05	2.73E-04	2.65E-05	9.12E-06	3.25E-04	1.56E-05	0.00E+00	3.53E-07	2.49E-07	1.62E-05
5097	472363.09, 3864377.25	0.00825	0.00902	0.00408	0.00293	3.51E-05	0.00E+00	3.47E-07	2.52E-07	3.57E-05	1.66E-05	2.84E-04	2.60E-05	9.25E-06	3.36E-04	1.58E-05	0.00E+00	3.47E-07	2.52E-07	1.64E-05
5098	472863.09, 3864377.25	0.0083	0.0094	0.00403	0.00296	3.53E-05	0.00E+00	3.43E-07	2.55E-07	3.59E-05	1.67E-05	2.96E-04	2.57E-05	9.35E-06	3.48E-04	1.59E-05	0.00E+00	3.43E-07	2.55E-07	1.65E-05
5099	473363.09, 3864377.25	0.00833	0.00989	0.00406	0.003	3.55E-05	0.00E+00	3.45E-07	2.58E-07	3.61E-05	1.67E-05	3.12E-04	2.59E-05	9.47E-06	3.64E-04	1.59E-05	0.00E+00	3.45E-07	2.58E-07	1.65E-05
5100	473863.09, 3864377.25	0.00843	0.01039	0.00415	0.00303	3.59E-05	0.00E+00	3.53E-07	2.61E-07	3.65E-05	1.69E-05	3.27E-04	2.65E-05	9.57E-06	3.80E-04	1.61E-05	0.00E+00	3.53E-07	2.61E-07	1.67E-05
5101	474363.09, 3864377.25	0.00861	0.01092	0.00428	0.00305	3.67E-05	0.00E+00	3.64E-07	2.63E-07	3.73E-05	1.73E-05	3.44E-04	2.73E-05	9.63E-06	3.98E-04	1.64E-05	0.00E+00	3.64E-07	2.63E-07	1.71E-05
5102	474863.09, 3864377.25	0.00881	0.01155	0.0045	0.00306	3.75E-05	0.00E+00	3.83E-07	2.63E-07	3.82E-05	1.77E-05	3.64E-04	2.87E-05	9.66E-06	4.20E-04	1.68E-05	0.00E+00	3.83E-07	2.63E-07	1.75E-05
5103	475363.09, 3864377.25	0.0091	0.01215	0.00477	0.00307	3.88E-05	0.00E+00	4.06E-07	2.64E-07	3.94E-05	1.83E-05	3.83E-04	3.04E-05	9.69E-06	4.41E-04	1.74E-05	0.00E+00	4.06E-07	2.64E-07	1.81E-05
5104	475863.09, 3864377.25	0.00944	0.01275	0.00495	0.00309	4.02E-05	0.00E+00	4.21E-07	2.66E-07	4.09E-05	1.90E-05	4.02E-04	3.16E-05	9.76E-06	4.62E-04	1.80E-05	0.00E+00	4.21E-07	2.66E-07	1.87E-05
5105	476363.09, 3864377.25	0.00985	0.01327	0.00509	0.00312	4.19E-05	0.00E+00	4.33E-07	2.69E-07	4.26E-05	1.98E-05	4.18E-04	3.25E-05	9.85E-06	4.80E-04	1.88E-05	0.00E+00	4.33E-07	2.69E-07	1.95E-05
5106	476863.09, 3864377.25	0.01034	0.01379	0.00514	0.00317	4.40E-05	0.00E+00	4.37E-07	2.73E-07	4.47E-05	2.08E-05	4.34E-04	3.28E-05	1.00E-05	4.98E-04	1.97E-05	0.00E+00	4.37E-07	2.73E-07	2.05E-05
5107	477363.09, 3864377.25	0.01082	0.01448	0.00515	0.00323	4.61E-05	0.00E+00	4.38E-07	2.78E-07	4.68E-05	2.17E-05	4.56E-04	3.28E-05	1.02E-05	5.21E-04	2.07E-05	0.00E+00	4.38E-07	2.78E-07	2.14E-05
5108	477863.09, 3864377.25	0.01126	0.01519	0.00515	0.00329	4.80E-05	0.00E+00	4.38E-07	2.83E-07	4.87E-05	2.26E-05	4.78E-04	3.28E-05	1.04E-05	5.44E-04	2.15E-05	0.00E+00	4.38E-07	2.83E-07	2.22E-05
5109	478363.09, 3864377.25	0.01168	0.01596	0.0052	0.00337	4.97E-05	0.00E+00	4.42E-07	2.90E-07	5.05E-05	2.35E-05	5.03E-04	3.32E-05	1.06E-05	5.70E-04	2.23E-05	0.00E+00	4.42E-07	2.90E-07	2.30E-05
5110	478863.09, 3864377.25	0.01223	0.01671	0.00527	0.0035	5.21E-05	0.00E+00	4.48E-07	3.01E-07	5.28E-05	2.46E-05	5.26E-04	3.36E-05	1.11E-05	5.96E-04	2.34E-05	0.00E+00	4.48E-07	3.01E-07	2.41E-05
5111	479363.09, 3864377.25	0.01288	0.01744	0.0053	0.00363	5.49E-05	0.00E+00	4.51E-07	3.13E-07	5.56E-05	2.59E-05	5.49E-04	3.38E-05	1.15E-05	6.20E-04	2.46E-05	0.00E+00	4.51E-07	3.13E-07	2.54E-05
5112	479863.09, 3864377.25	0.01366	0.01806	0.00533	0.00369	5.82E-05	0.00E+00	4.53E-07	3.18E-07	5.89E-05	2.74E-05	5.69E-04	3.40E-05	1.17E-05	6.42E-04	2.61E-05	0.00E+00	4.53E-07	3.18E-07	2.69E-05
5113	480363.09, 3864377.25	0.01437	0.01864	0.00517	0.00366	6.12E-05	0.00E+00	4.40E-07	3.15E-07	6.20E-05	2.89E-05	5.87E-04	3.30E-05	1.16E-05	6.61E-04	2.74E-05	0.00E+00	4.40E-07	3.15E-07	2.82E-05
5114	480863.09, 3864377.25	0.01465	0.01923	0.00473	0.00356	6.24E-05	0.00E+00	4.02E-07	3.07E-07	6.31E-05	2.94E-05	6.06E-04	3.02E-05	1.12E-05	6.77E-04	2.80E-05	0.00E+00	4.02E-07	3.07E-07	2.87E-05
5115	481363.09, 3864377.25	0.01469	0.01986	0.00436	0.0035	6.26E-05	0.00E+00	3.71E-07	3.01E-07	6.32E-05	2.95E-05	6.26E-04	2.78E-05	1.11E-05	6.94E-04	2.81E-05	0.00E+00	3.71E-07	3.01E-07	2.87E-05
5116	481863.09, 3864377.25	0.01491	0.02067	0.00415	0.00351	6.35E-05	0.00E+00	3.53E-07	3.02E-07	6.42E-05	2.99E-05	6.51E-04	2.65E-05	1.11E-05	7.19E-04	2.85E-05	0.00E+00	3.53E-07	3.02E-07	2.91E-05
5117	482363.09, 3864377.25	0.01531	0.02156	0.00399	0.00356	6.52E-05	0.00E+00	3.39E-07	3.07E-07	6.58E-05	3.08E-05	6.79E-04	2.55E-05	1.12E-05	7.47E-04	2.92E-05	0.00E+00	3.39E-07	3.07E-07	2.99E-05
5118	482863.09, 3864377.25	0.01547	0.02248	0.00373	0.0036	6.59E-05	0.00E+00	3.17E-07	3.10E-07	6.65E-05	3.11E-05	7.08E-04	2.38E-05	1.14E-05	7.74E-04	2.95E-05	0.00E+00	3.17E-07	3.10E-07	3.02E-05
5119	483363.09, 3864377.25	0.01525	0.02345	0.00358	0.00363	6.49E-05	0.00E+00	3.04E-07	3.13E-07	6.56E-05	3.06E-05	7.39E-04	2.28E-05	1.15E-05	8.04E-04	2.91E-05	0.00E+00	3.04E-07	3.13E-07	2.97E-05
5120	483863.09, 3864377.25	0.01514	0.02436	0.00417	0.00364	6.45E-05	0.00E+00	3.55E-07	3.13E-07	6.51E-05	3.04E-05	7.67E-04	2.66E-05	1.15E-05	8.36E-04	2.89E-05	0.00E+00	3.55E-07	3.13E-07	2.96E-05
5121	484363.09, 3864377.25	0.01536	0.02501	0.00517	0.00352	6.54E-05	0.00E+00	4.40E-07	3.03E-07	6.62E-05	3.09E-05	7.88E-04	3.30E-05	1.11E-05	8.63E-04	2.93E-05	0.00E+00	4.40E-07	3.03E-07	3.01E-05
5122	484863.09, 3864377.25	0.0153	0.02587	0.00468	0.00329	6.52E-05	0.00E+00	3.98E-07	2.83E-07	6.58E-05	3.07E-05	8.15E-04	2.99E-05	1.04E-05	8.86E-04	2.92E-05	0.00E+00	3.98E-07	2.83E-07	2.99E-05
5123	485363.09, 3864377.25	0.01457	0.02727	0.00347	0.00322	6.20E-05	0.00E+00	2.95E-07	2.77E-07	6.26E-05	2.93E-05	8.59E-04	2.21E-05	1.02E-05	9.21E-04	2.78E-05	0.00E+00	2.95E-07	2.77E-07	2.84E-05
5124	485863.09, 3864377.25	0.01395	0.02812	0.00337	0.00325	5.94E-05	0.00E+00	2.87E-07	2.80E-07	6.00E-05	2.80E-05	8.86E-04	2.15E-05	1.03E-05	9.46E-04	2.66E-05	0.00E+00	2.87E-07	2.80E-07	2.72E-05
5125	486363.09, 3864377.25	0.01354	0.02776	0.00334	0.00312	5.77E-05	0.00E+00	2.84E-07	2.69E-07	5.82E-05	2.72E-05	8.74E-04	2.13E-05	9.85E-06	9.33E-04	2.59E-05	0.00E+00	2.84E-07	2.69E-07	2.64E-05
5126	486863.09, 3864377.25	0.01329	0.02779	0.00366	0.00308	5.66E-05	0.00E+00	3.11E-07	2.65E-07	5.72E-05	2.67E-05	8.75E-04	2.33E-05	9.72E-06	9.35E-04	2.54E-05	0.00E+00	3.11E-07	2.65E-07	2.60E-05
5127	487363.09, 3864377.25	0.01361	0.02724	0.00461	0.00309	5.80E-05	0.00E+00	3.92E-07	2.66E-07	5.86E-05	2.73E-05	8.58E-04	2.94E-05	9.76E-06	9.25E-04	2.60E-05	0.00E+00	3.92E-07	2.66E-07	2.67E-05
5128	487863.09, 3864377.25	0.01426	0.02714	0.00507	0.00324	6.07E-05	0.00E+00	4.31E-07	2.79E-07	6.14E-05	2.86E-05	8.55E-04	3.23E-05	1.02E-05	9.26E-04	2.72E-05	0.00E+00	4.31E-07	2.79E-07	2.79E-05
5129	488363.09, 3864377.25	0.01458	0.02686	0.00469	0.00333	6.21E-05	0.00E+00	3.99E-07	2.87E-07	6.28E-05	2.93E-05	8.46E-04	2.99E-05	1.05E-05	9.16E-04	2.78E-05	0.00E+00	3.99E-07	2.87E-07	2.85E-05

5130	488863.09, 3864377.25	0.0144	0.02667	0.00351	0.00312	6.13E-05	0.00E+00	2.99E-07	2.69E-07	6.19E-05	2.89E-05	8.40E-04	2.24E-05	9.85E-06	9.01E-04	2.75E-05	0.00E+00	2.99E-07	2.69E-07	2.81E-05
5131	489363.09, 3864377.25	0.01383	0.02697	0.00315	0.00305	5.89E-05	0.00E+00	2.68E-07	2.63E-07	5.94E-05	2.78E-05	8.50E-04	2.01E-05	9.63E-06	9.07E-04	2.64E-05	0.00E+00	2.68E-07	2.63E-07	2.69E-05
5132	489863.09, 3864377.25	0.0137	0.02747	0.00307	0.00305	5.83E-05	0.00E+00	2.61E-07	2.63E-07	5.89E-05	2.75E-05	8.65E-04	1.96E-05	9.63E-06	9.22E-04	2.62E-05	0.00E+00	2.61E-07	2.63E-07	2.67E-05
5133	490363.09, 3864377.25	0.01424	0.02768	0.00265	0.00317	6.06E-05	0.00E+00	2.25E-07	2.73E-07	6.11E-05	2.86E-05	8.72E-04	1.69E-05	1.00E-05	9.27E-04	2.72E-05	0.00E+00	2.25E-07	2.73E-07	2.77E-05
5134	490863.09, 3864377.25	0.01493	0.02804	0.00271	0.00342	6.36E-05	0.00E+00	2.30E-07	2.94E-07	6.41E-05	3.00E-05	8.83E-04	1.73E-05	1.08E-05	9.41E-04	2.85E-05	0.00E+00	2.30E-07	2.94E-07	2.90E-05
5135	491363.09, 3864377.25	0.01546	0.02848	0.0034	0.00369	6.58E-05	0.00E+00	2.89E-07	3.18E-07	6.64E-05	3.11E-05	8.97E-04	2.17E-05	1.17E-05	9.62E-04	2.95E-05	0.00E+00	2.89E-07	3.18E-07	3.01E-05
5136	491863.09, 3864377.25	0.01144	0.01088	0.0038	0.00363	4.87E-05	0.00E+00	3.23E-07	3.13E-07	4.94E-05	2.30E-05	3.43E-04	2.42E-05	1.15E-05	4.01E-04	2.18E-05	0.00E+00	3.23E-07	3.13E-07	2.25E-05
5137	492363.09, 3864377.25	0.016	0.02236	0.00519	0.00405	6.81E-05	0.00E+00	4.41E-07	3.49E-07	6.89E-05	3.21E-05	7.04E-04	3.31E-05	1.28E-05	7.82E-04	3.06E-05	0.00E+00	4.41E-07	3.49E-07	3.13E-05
5138	492863.09, 3864377.25	0.0142	0.01517	0.00671	0.00373	6.05E-05	0.00E+00	5.71E-07	3.21E-07	6.14E-05	2.85E-05	4.78E-04	4.28E-05	1.18E-05	5.61E-04	2.71E-05	0.00E+00	5.71E-07	3.21E-07	2.80E-05
5139	493363.09, 3864377.25	0.01478	0.02148	0.00741	0.00387	6.29E-05	0.00E+00	6.30E-07	3.33E-07	6.39E-05	2.97E-05	6.77E-04	4.73E-05	1.22E-05	7.66E-04	2.82E-05	0.00E+00	6.30E-07	3.33E-07	2.92E-05
5140	493863.09, 3864377.25	0.01586	0.02453	0.00524	0.00355	6.75E-05	0.00E+00	4.46E-07	3.06E-07	6.83E-05	3.19E-05	7.73E-04	3.34E-05	1.12E-05	8.49E-04	3.03E-05	0.00E+00	4.46E-07	3.06E-07	3.10E-05
5141	494363.09, 3864377.25	0.01698	0.02575	0.00506	0.00335	7.23E-05	0.00E+00	4.30E-07	2.88E-07	7.30E-05	3.41E-05	8.11E-04	3.23E-05	1.06E-05	8.88E-04	3.24E-05	0.00E+00	4.30E-07	2.88E-07	3.31E-05
5142	494863.09, 3864377.25	0.01721	0.02667	0.0056	0.0033	7.33E-05	0.00E+00	4.76E-07	2.84E-07	7.41E-05	3.46E-05	8.40E-04	3.57E-05	1.04E-05	9.21E-04	3.29E-05	0.00E+00	4.76E-07	2.84E-07	3.36E-05
5143	495363.09, 3864377.25	0.01665	0.02736	0.00583	0.00335	7.09E-05	0.00E+00	4.96E-07	2.88E-07	7.17E-05	3.34E-05	8.62E-04	3.72E-05	1.06E-05	9.43E-04	3.18E-05	0.00E+00	4.96E-07	2.88E-07	3.26E-05
5144	495863.09, 3864377.25	0.01576	0.02806	0.00545	0.00343	6.71E-05	0.00E+00	4.64E-07	2.95E-07	6.79E-05	3.17E-05	8.84E-04	3.48E-05	1.08E-05	9.61E-04	3.01E-05	0.00E+00	4.64E-07	2.95E-07	3.09E-05
5145	496363.09, 3864377.25	0.01502	0.02867	0.00497	0.0035	6.40E-05	0.00E+00	4.23E-07	3.01E-07	6.47E-05	3.02E-05	9.03E-04	3.17E-05	1.11E-05	9.76E-04	2.87E-05	0.00E+00	4.23E-07	3.01E-07	2.94E-05
5146	496863.09, 3864377.25	0.01471	0.02907	0.0047	0.00356	6.26E-05	0.00E+00	4.00E-07	3.07E-07	6.34E-05	2.95E-05	9.16E-04	3.00E-05	1.12E-05	9.86E-04	2.81E-05	0.00E+00	4.00E-07	3.07E-07	2.88E-05
5147	497363.09, 3864377.25	0.01457	0.02935	0.00469	0.00352	6.20E-05	0.00E+00	3.99E-07	3.03E-07	6.28E-05	2.93E-05	9.25E-04	2.99E-05	1.11E-05	9.95E-04	2.78E-05	0.00E+00	3.99E-07	3.03E-07	2.85E-05
5148	497863.09, 3864377.25	0.01468	0.02939	0.00506	0.00353	6.25E-05	0.00E+00	4.30E-07	3.04E-07	6.33E-05	2.95E-05	9.26E-04	3.23E-05	1.11E-05	9.99E-04	2.80E-05	0.00E+00	4.30E-07	3.04E-07	2.88E-05
5149	498363.09, 3864377.25	0.01445	0.0289	0.00518	0.00337	6.15E-05	0.00E+00	4.41E-07	2.90E-07	6.23E-05	2.90E-05	9.10E-04	3.30E-05	1.06E-05	9.83E-04	2.76E-05	0.00E+00	4.41E-07	2.90E-07	2.83E-05
5150	471363.09, 3864877.25	0.00744	0.00816	0.0038	0.00276	3.17E-05	0.00E+00	3.23E-07	2.38E-07	3.22E-05	1.49E-05	2.57E-04	2.42E-05	8.71E-06	3.05E-04	1.42E-05	0.00E+00	3.23E-07	2.38E-07	1.48E-05
5151	471863.09, 3864877.25	0.00747	0.00847	0.00375	0.00279	3.18E-05	0.00E+00	3.19E-07	2.40E-07	3.24E-05	1.50E-05	2.67E-04	2.39E-05	8.81E-06	3.15E-04	1.43E-05	0.00E+00	3.19E-07	2.40E-07	1.48E-05
5152	472363.09, 3864877.25	0.0075	0.00883	0.00376	0.00282	3.19E-05	0.00E+00	3.20E-07	2.43E-07	3.25E-05	1.51E-05	2.78E-04	2.40E-05	8.90E-06	3.26E-04	1.43E-05	0.00E+00	3.20E-07	2.43E-07	1.49E-05
5153	472863.09, 3864877.25	0.00758	0.00923	0.00383	0.00285	3.23E-05	0.00E+00	3.26E-07	2.45E-07	3.29E-05	1.52E-05	2.91E-04	2.44E-05	9.00E-06	3.39E-04	1.45E-05	0.00E+00	3.26E-07	2.45E-07	1.50E-05
5154	473363.09, 3864877.25	0.00769	0.00972	0.00403	0.00288	3.27E-05	0.00E+00	3.43E-07	2.48E-07	3.33E-05	1.54E-05	3.06E-04	2.57E-05	9.09E-06	3.56E-04	1.47E-05	0.00E+00	3.43E-07	2.48E-07	1.53E-05
5155	473863.09, 3864877.25	0.00787	0.01022	0.00419	0.0029	3.35E-05	0.00E+00	3.56E-07	2.50E-07	3.41E-05	1.58E-05	3.22E-04	2.67E-05	9.16E-06	3.74E-04	1.50E-05	0.00E+00	3.56E-07	2.50E-07	1.56E-05
5156	474363.09, 3864877.25	0.0081	0.01071	0.0044	0.00291	3.45E-05	0.00E+00	3.74E-07	2.51E-07	3.51E-05	1.63E-05	3.37E-04	2.81E-05	9.19E-06	3.91E-04	1.55E-05	0.00E+00	3.74E-07	2.51E-07	1.61E-05
5157	474863.09, 3864877.25	0.00835	0.0112	0.00457	0.00292	3.56E-05	0.00E+00	3.89E-07	2.51E-07	3.62E-05	1.68E-05	3.53E-04	2.91E-05	9.22E-06	4.08E-04	1.59E-05	0.00E+00	3.89E-07	2.51E-07	1.66E-05
5158	475363.09, 3864877.25	0.00863	0.01163	0.00467	0.00293	3.68E-05	0.00E+00	3.97E-07	2.52E-07	3.74E-05	1.73E-05	3.66E-04	2.98E-05	9.25E-06	4.23E-04	1.65E-05	0.00E+00	3.97E-07	2.52E-07	1.71E-05
5159	475863.09, 3864877.25	0.00894	0.01205	0.00469	0.00295	3.81E-05	0.00E+00	3.99E-07	2.54E-07	3.87E-05	1.80E-05	3.80E-04	2.99E-05	9.31E-06	4.37E-04	1.71E-05	0.00E+00	3.99E-07	2.54E-07	1.77E-05
5160	476363.09, 3864877.25	0.00933	0.0125	0.00472	0.00298	3.97E-05	0.00E+00	4.01E-07	2.57E-07	4.04E-05	1.87E-05	3.94E-04	3.01E-05	9.41E-06	4.52E-04	1.78E-05	0.00E+00	4.01E-07	2.57E-07	1.85E-05
5161	476863.09, 3864877.25	0.0098	0.01301	0.00482	0.00303	4.17E-05	0.00E+00	4.10E-07	2.61E-07	4.24E-05	1.97E-05	4.10E-04	3.07E-05	9.57E-06	4.70E-04	1.87E-05	0.00E+00	4.10E-07	2.61E-07	1.94E-05
5162	477363.09, 3864877.25	0.01018	0.01363	0.0048	0.0031	4.34E-05	0.00E+00	4.08E-07	2.67E-07	4.40E-05	2.04E-05	4.29E-04	3.06E-05	9.79E-06	4.90E-04	1.94E-05	0.00E+00	4.08E-07	2.67E-07	2.01E-05
5163	477863.09, 3864877.25	0.01052	0.01429	0.00483	0.00318	4.48E-05	0.00E+00	4.11E-07	2.74E-07	4.55E-05	2.11E-05	4.50E-04	3.08E-05	1.00E-05	5.12E-04	2.01E-05	0.00E+00	4.11E-07	2.74E-07	2.08E-05
5164	478363.09, 3864877.25	0.01095	0.01492	0.00489	0.00328	4.66E-05	0.00E+00	4.16E-07	2.82E-07	4.73E-05	2.20E-05	4.70E-04	3.12E-05	1.04E-05	5.34E-04	2.09E-05	0.00E+00	4.16E-07	2.82E-07	2.16E-05
5165	478863.09, 3864877.25	0.01152	0.01549	0.00495	0.0034	4.91E-05	0.00E+00	4.21E-07	2.93E-07	4.98E-05	2.31E-05	4.88E-04	3.16E-05	1.07E-05	5.53E-04	2.20E-05	0.00E+00	4.21E-07	2.93E-07	2.27E-05
5166	479363.09, 3864877.25	0.01216	0.01593	0.00492	0.00346	5.18E-05	0.00E+00	4.18E-07	2.98E-07	5.25E-05	2.44E-05	5.02E-04	3.14E-05	1.09E-05	5.69E-04	2.32E-05	0.00E+00	4.18E-07	2.98E-07	2.39E-05
5167	479863.09, 3864877.25	0.01278	0.01631	0.0047	0.00342	5.44E-05	0.00E+00	4.00E-07	2.94E-07	5.51E-05	2.57E-05	5.14E-04	3.00E-05	1.08E-05	5.80E-04	2.44E-05	0.00E+00	4.00E-07	2.94E-07	2.51E-05
5168	480363.09, 3864877.25	0.01325	0.01674	0.00436	0.00335	5.64E-05	0.00E+00	3.71E-07	2.88E-07	5.71E-05	2.66E-05	5.27E-04	2.78E-05	1.06E-05	5.92E-04	2.53E-05	0.00E+00	3.71E-07	2.88E-07	2.60E-05
5169	480863.09, 3864877.25	0.01334	0.01726	0.00401	0.00325	5.68E-05	0.00E+00	3.41E-07	2.80E-07	5.74E-05	2.68E-05	5.44E-04	2.56E-05	1.03E-05	6.06E-04	2.55E-05	0.00E+00	3.41E-07	2.80E-07	2.61E-05
5170	481363.09, 3864877.25	0.01338	0.01796	0.00383	0.00322	5.70E-05	0.00E+00	3.26E-07	2.77E-07	5.76E-05	2.69E-05	5.66E-04	2.44E-05	1.02E-05	6.27E-04	2.56E-05	0.00E+00	3.26E-07	2.77E-07	2.62E-05
5171	481863.09, 3864877.25	0.01359	0.01875	0.00368	0.00321	5.79E-05	0.00E+00	3.13E-07	2.76E-07	5.85E-05	2.73E-05	5.91E-04	2.35E-05	1.01E-05	6.52E-04	2.60E-05	0.00E+00	3.13E-07	2.76E-07	2.65E-05
5172	482363.09, 3864877.25	0.01387	0.0195	0.00348	0.00322	5.91E-05	0.00E+00	2.96E-07	2.77E-07	5.96E-05	2.79E-05	6.14E-04	2.22E-05	1.02E-05	6.74E-04	2.65E-05	0.00E+00	2.96E-07	2.77E-07	2.71E-05
5173	482863.09, 3864877.25	0.01391	0.02033	0.00332	0.00326	5.92E-05	0.00E+00	2.82E-07	2.81E-07	5.98E-05	2.79E-05	6.40E-04	2.12E-05	1.03E-05	7.00E-04	2.66E-05	0.00E+00	2.82E-07	2.81E-07	2.71E-05
5174	483363.09, 3864877.25	0.0137	0.02125	0.00366	0.00333	5.83E-05	0.00E+00	3.11E-07	2.87E-07	5.89E-05	2.75E-05	6.69E-04	2.33E-05	1.05E-05	7.31E-04	2.62E-05	0.00E+00	3.11E-07	2.87E-07	2.68E-05
5175	483863.09, 3864877.25	0.0137	0.02177	0.00465	0.00333	5.83E-05	0.00E+00	3.95E-07	2.87E-07	5.90E-05	2.75E-05	6.86E-04	2.97E-05	1.05E-05	7.53E-04	2.62E-05	0.00E+00	3.95E-07	2.87E-07	2.68E-05
5176	484363.09, 3864877.25	0.01397	0.02214	0.00496	0.00318	5.95E-05	0.00E+00	4.22E-07	2.74E-07	6.02E-05	2.81E-05	6.97E-04	3.16E-05	1.00E-05	7.67E-04	2.67E-05	0.00E+00	4.22E-07	2.74E-07	2.74E-05
5177	484863.09, 3864877.25	0.01383	0.02298	0.00385	0.00305	5.89E-05	0.00E+00	3.27E-07	2.63E-07	5.95E-05	2.78E-05	7.24E-04	2.46E-05	9.63E-06	7.86E-04	2.64E-05	0.00E+00	3.27E-07	2.63E-07	2.70E-05
5178	485363.09, 3864877.25	0.0132	0.02402	0.00313	0.00307	5.62E-05	0.00E+00	2.66E-07	2.64E-07	5.67E-05	2.65E-05	7.57E-04	2.00E-05	9.69E-06	8.13E-04	2.52E-05	0.00E+00	2.66E-07	2.64E-07	2.57E-05
5179	485863.09, 3864877.25	0.01266	0.02414	0.00328	0.00298	5.39E-05	0.00E+00	2.79E-07	2.57E-07	5.45E-05	2.54E-05	7.60E-04	2.09E-05	9.41E-06	8.16E-04	2.42E-05	0.00E+00	2.79E-07	2.57E-07	2.47E-05
5180	486363.09, 3864877.25	0.01224	0.02398	0.00312	0.00288	5.21E-05	0.00E+00	2.65E-07	2.48E-07	5.26E-05	2.46E-05	7.55E-04	1.99E-05	9.09E-06	8.09E-04	2.34E-05	0.00E+00	2.65E-07	2.48E-07	2.39E-05
5181	486863.09, 3864877.25	0.01197	0.02405	0.00359	0.00288	5.10E-05	0.00E+00	3.05E-07	2.48E-07	5.15E-05	2.40E-05	7.58E-04	2.29E-05	9.09E-06	8.14E-04	2.29E-05	0.00E+00	3.05E-07	2.48E-07	2.34E-05
5182	487363.09, 3864877.25	0.0122	0.02342	0.00446	0.00288	5.20E-05	0.00E+00	3.79E-07	2.48E-07	5.26E-05	2.45E-05	7.38E-04	2.84E-05	9.09E-06	8.00E-04	2.33E-05	0.00E+00	3.79E-07	2.48E-07	2.39E-05
5183	487863.09, 3864877.25	0.01284	0.0232	0.0048	0.00299	5.47E-05	0.00E+00	4.08E-07	2.57E-07	5.53E-05	2.58E-05	7.31E-04	3.06E-05	9.44E-06	7.97E-04	2.45E-05	0.00E+00	4.08E-07	2.57E-07	2.52E-05
5184	488363.09, 3864877.25	0.01325	0.023	0.00446	0.00305	5.64E-05	0.00E+00	3.79E-07	2.63E-07	5.71E-05	2.66E-05	7.24E-04	2.84E-05	9.63E-06	7.89E-04	2.53E-05	0.00E+00	3.79E-07	2.63E-07	2.59E-05
5185	488863.09, 3864877.25	0.01324	0.02295	0.00338	0.00286	5.64E-05	0.00E+00	2.87E-07	2.46E-07	5.69E-05	2.66E-05	7.23E-04	2.16E-05	9.03E-06	7.80E-04	2.53E-05	0.00E+00	2.87E-07	2.46E-07	2.58E-05
5186	489363.09, 3864877.25	0.01276	0.02323	0.00296	0.00277	5.43E-05	0.00E+00	2.52E-07	2.39E-07	5.48E-05	2.56E-05	7.32E-04	1.89E-05	8.75E-06	7.85E-04	2.44E-05	0.00E+00	2.52E-07	2.39E-07	2.49E-05
5187	489863.09, 3864877.25	0.01239	0.02354	0.00302	0.00278	5.28E-05	0.00E+00	2.57E-07	2.39E-07	5.33E-05	2.49E-05	7.42E-04	1.93E-05	8.78E-06	7.94E-04	2.37E-05	0.00E+00	2.57E-07	2.39E-07	2.42E-05
5188	490363.09, 3864877.25	0.01264	0.02376	0.00261	0.00284	5.38E-05	0.00E+00	2.22E-07	2.45E-07	5.43E-05	2.54E-05	7.48E-04	1.66E-05	8.97E-06	7.99E-04	2.41E-05	0.00E+00	2.22E-07	2.45E-07	2.46E-05

5189	490863.09, 3864877.25	0.01402	0.02225	0.00247	0.00302	5.97E-05	0.00E+00	2.10E-07	2.60E-07	6.02E-05	2.82E-05	7.01E-04	1.58E-05	9.54E-06	7.54E-04	2.68E-05	0.00E+00	2.10E-07	2.60E-07	2.72E-05
5190	491363.09, 3864877.25	0.01418	0.02422	0.00288	0.00331	6.04E-05	0.00E+00	2.45E-07	2.85E-07	6.09E-05	2.85E-05	7.63E-04	1.84E-05	1.05E-05	8.20E-04	2.71E-05	0.00E+00	2.45E-07	2.85E-07	2.76E-05
5191	491863.09, 3864877.25	0.01417	0.02199	0.00331	0.0035	6.03E-05	0.00E+00	2.82E-07	3.01E-07	6.09E-05	2.85E-05	6.93E-04	2.11E-05	1.11E-05	7.53E-04	2.71E-05	0.00E+00	2.82E-07	3.01E-07	2.76E-05
5192	492363.09, 3864877.25	0.00702	0.0069	0.00356	0.00283	2.99E-05	0.00E+00	3.03E-07	2.44E-07	3.04E-05	1.41E-05	2.17E-04	2.27E-05	8.94E-06	2.63E-04	1.34E-05	0.00E+00	3.03E-07	2.44E-07	1.40E-05
5193	492863.09, 3864877.25	0.01024	0.00953	0.00483	0.00307	4.36E-05	0.00E+00	4.11E-07	2.64E-07	4.43E-05	2.06E-05	3.00E-04	3.08E-05	9.69E-06	3.61E-04	1.96E-05	0.00E+00	4.11E-07	2.64E-07	2.02E-05
5194	493363.09, 3864877.25	0.00973	0.00988	0.00511	0.00302	4.14E-05	0.00E+00	4.35E-07	2.60E-07	4.21E-05	1.95E-05	3.11E-04	3.26E-05	9.54E-06	3.73E-04	1.86E-05	0.00E+00	4.35E-07	2.60E-07	1.93E-05
5195	493863.09, 3864877.25	0.01344	0.01997	0.00646	0.00354	5.72E-05	0.00E+00	5.49E-07	3.05E-07	5.81E-05	2.70E-05	6.29E-04	4.12E-05	1.12E-05	7.08E-04	2.57E-05	0.00E+00	5.49E-07	3.05E-07	2.65E-05
5196	494363.09, 3864877.25	0.0145	0.02229	0.00478	0.00328	6.18E-05	0.00E+00	4.07E-07	2.82E-07	6.24E-05	2.91E-05	7.02E-04	3.05E-05	1.04E-05	7.72E-04	2.77E-05	0.00E+00	4.07E-07	2.82E-07	2.84E-05
5197	494863.09, 3864877.25	0.01538	0.02238	0.00471	0.00309	6.55E-05	0.00E+00	4.01E-07	2.66E-07	6.62E-05	3.09E-05	7.05E-04	3.00E-05	9.76E-06	7.76E-04	2.94E-05	0.00E+00	4.01E-07	2.66E-07	3.00E-05
5198	495363.09, 3864877.25	0.01564	0.02277	0.00519	0.00301	6.66E-05	0.00E+00	4.41E-07	2.59E-07	6.73E-05	3.14E-05	7.17E-04	3.31E-05	9.50E-06	7.91E-04	2.99E-05	0.00E+00	4.41E-07	2.59E-07	3.06E-05
5199	495863.09, 3864877.25	0.01516	0.02348	0.00554	0.00305	6.46E-05	0.00E+00	4.71E-07	2.63E-07	6.53E-05	3.04E-05	7.40E-04	3.53E-05	9.63E-06	8.15E-04	2.90E-05	0.00E+00	4.71E-07	2.63E-07	2.97E-05
5200	496363.09, 3864877.25	0.01447	0.02372	0.00513	0.00311	6.16E-05	0.00E+00	4.36E-07	2.68E-07	6.23E-05	2.91E-05	7.47E-04	3.27E-05	9.82E-06	8.19E-04	2.76E-05	0.00E+00	4.36E-07	2.68E-07	2.83E-05
5201	496863.09, 3864877.25	0.01378	0.02429	0.00466	0.00318	5.87E-05	0.00E+00	3.96E-07	2.74E-07	5.94E-05	2.77E-05	7.65E-04	2.97E-05	1.00E-05	8.33E-04	2.63E-05	0.00E+00	3.96E-07	2.74E-07	2.70E-05
5202	497363.09, 3864877.25	0.01339	0.02483	0.00442	0.00325	5.70E-05	0.00E+00	3.76E-07	2.80E-07	5.77E-05	2.69E-05	7.82E-04	2.82E-05	1.03E-05	8.47E-04	2.56E-05	0.00E+00	3.76E-07	2.80E-07	2.62E-05
5203	497863.09, 3864877.25	0.01333	0.02517	0.00444	0.00327	5.68E-05	0.00E+00	3.78E-07	2.82E-07	5.74E-05	2.68E-05	7.93E-04	2.83E-05	1.03E-05	8.58E-04	2.55E-05	0.00E+00	3.78E-07	2.82E-07	2.61E-05
5204	498363.09, 3864877.25	0.01329	0.02547	0.00453	0.00324	5.66E-05	0.00E+00	3.85E-07	2.79E-07	5.73E-05	2.67E-05	8.02E-04	2.89E-05	1.02E-05	8.68E-04	2.54E-05	0.00E+00	3.85E-07	2.79E-07	2.60E-05
5205	471363.09, 3865377.25	0.00678	0.00798	0.00355	0.00266	2.89E-05	0.00E+00	3.02E-07	2.29E-07	2.94E-05	1.36E-05	2.51E-04	2.26E-05	8.40E-06	2.96E-04	1.29E-05	0.00E+00	3.02E-07	2.29E-07	1.35E-05
5206	471863.09, 3865377.25	0.00683	0.00832	0.00363	0.00269	2.91E-05	0.00E+00	3.09E-07	2.32E-07	2.96E-05	1.37E-05	2.62E-04	2.32E-05	8.49E-06	3.07E-04	1.30E-05	0.00E+00	3.09E-07	2.32E-07	1.36E-05
5207	472363.09, 3865377.25	0.00694	0.0087	0.00378	0.00272	2.96E-05	0.00E+00	3.21E-07	2.34E-07	3.01E-05	1.39E-05	2.74E-04	2.41E-05	8.59E-06	3.21E-04	1.33E-05	0.00E+00	3.21E-07	2.34E-07	1.38E-05
5208	472863.09, 3865377.25	0.00711	0.00907	0.00395	0.00274	3.03E-05	0.00E+00	3.36E-07	2.36E-07	3.09E-05	1.43E-05	2.86E-04	2.52E-05	8.65E-06	3.34E-04	1.36E-05	0.00E+00	3.36E-07	2.36E-07	1.42E-05
5209	473363.09, 3865377.25	0.00728	0.00951	0.00412	0.00277	3.10E-05	0.00E+00	3.50E-07	2.39E-07	3.16E-05	1.46E-05	3.00E-04	2.63E-05	8.75E-06	3.49E-04	1.39E-05	0.00E+00	3.50E-07	2.39E-07	1.45E-05
5210	473863.09, 3865377.25	0.00748	0.0099	0.00424	0.00277	3.19E-05	0.00E+00	3.61E-07	2.39E-07	3.25E-05	1.50E-05	3.12E-04	2.70E-05	8.75E-06	3.63E-04	1.43E-05	0.00E+00	3.61E-07	2.39E-07	1.49E-05
5211	474363.09, 3865377.25	0.0077	0.01026	0.00433	0.00277	3.28E-05	0.00E+00	3.68E-07	2.39E-07	3.34E-05	1.55E-05	3.23E-04	2.76E-05	8.75E-06	3.75E-04	1.47E-05	0.00E+00	3.68E-07	2.39E-07	1.53E-05
5212	474863.09, 3865377.25	0.00794	0.0106	0.0044	0.00276	3.38E-05	0.00E+00	3.74E-07	2.38E-07	3.44E-05	1.59E-05	3.34E-04	2.81E-05	8.71E-06	3.87E-04	1.52E-05	0.00E+00	3.74E-07	2.38E-07	1.58E-05
5213	475363.09, 3865377.25	0.00817	0.01096	0.00437	0.00278	3.48E-05	0.00E+00	3.72E-07	2.39E-07	3.54E-05	1.64E-05	3.45E-04	2.79E-05	8.78E-06	3.98E-04	1.56E-05	0.00E+00	3.72E-07	2.39E-07	1.62E-05
5214	475863.09, 3865377.25	0.00849	0.01135	0.0044	0.00281	3.62E-05	0.00E+00	3.74E-07	2.42E-07	3.68E-05	1.71E-05	3.58E-04	2.81E-05	8.87E-06	4.12E-04	1.62E-05	0.00E+00	3.74E-07	2.42E-07	1.68E-05
5215	476363.09, 3865377.25	0.00899	0.01165	0.00457	0.00285	3.83E-05	0.00E+00	3.89E-07	2.45E-07	3.89E-05	1.81E-05	3.67E-04	2.91E-05	9.00E-06	4.23E-04	1.72E-05	0.00E+00	3.89E-07	2.45E-07	1.78E-05
5216	476863.09, 3865377.25	0.00942	0.01106	0.00477	0.00296	4.01E-05	0.00E+00	4.06E-07	2.55E-07	4.08E-05	1.89E-05	3.48E-04	3.04E-05	9.35E-06	4.07E-04	1.80E-05	0.00E+00	4.06E-07	2.55E-07	1.87E-05
5217	477363.09, 3865377.25	0.00968	0.01271	0.00473	0.00299	4.12E-05	0.00E+00	4.02E-07	2.57E-07	4.19E-05	1.94E-05	4.00E-04	3.02E-05	9.44E-06	4.59E-04	1.85E-05	0.00E+00	4.02E-07	2.57E-07	1.91E-05
5218	477863.09, 3865377.25	0.00992	0.01334	0.00462	0.0031	4.22E-05	0.00E+00	3.93E-07	2.67E-07	4.29E-05	1.99E-05	4.20E-04	2.95E-05	9.79E-06	4.79E-04	1.89E-05	0.00E+00	3.93E-07	2.67E-07	1.96E-05
5219	478363.09, 3865377.25	0.01041	0.01379	0.00468	0.0032	4.43E-05	0.00E+00	3.98E-07	2.76E-07	4.50E-05	2.09E-05	4.34E-04	2.99E-05	1.01E-05	4.95E-04	1.99E-05	0.00E+00	3.98E-07	2.76E-07	2.06E-05
5220	478863.09, 3865377.25	0.01094	0.01412	0.00459	0.00324	4.66E-05	0.00E+00	3.90E-07	2.79E-07	4.73E-05	2.20E-05	4.45E-04	2.93E-05	1.02E-05	5.06E-04	2.09E-05	0.00E+00	3.90E-07	2.79E-07	2.16E-05
5221	479363.09, 3865377.25	0.01147	0.01437	0.00434	0.00322	4.88E-05	0.00E+00	3.69E-07	2.77E-07	4.95E-05	2.30E-05	4.53E-04	2.77E-05	1.02E-05	5.14E-04	2.19E-05	0.00E+00	3.69E-07	2.77E-07	2.26E-05
5222	479863.09, 3865377.25	0.01194	0.01471	0.00401	0.00315	5.08E-05	0.00E+00	3.41E-07	2.71E-07	5.15E-05	2.40E-05	4.63E-04	2.56E-05	9.95E-06	5.23E-04	2.28E-05	0.00E+00	3.41E-07	2.71E-07	2.34E-05
5223	480363.09, 3865377.25	0.01213	0.01519	0.00371	0.00304	5.17E-05	0.00E+00	3.16E-07	2.62E-07	5.22E-05	2.44E-05	4.78E-04	2.37E-05	9.60E-06	5.36E-04	2.32E-05	0.00E+00	3.16E-07	2.62E-07	2.37E-05
5224	480863.09, 3865377.25	0.01216	0.01581	0.00354	0.00299	5.18E-05	0.00E+00	3.01E-07	2.57E-07	5.23E-05	2.44E-05	4.98E-04	2.26E-05	9.44E-06	5.54E-04	2.32E-05	0.00E+00	3.01E-07	2.57E-07	2.38E-05
5225	481363.09, 3865377.25	0.01225	0.01648	0.00343	0.00296	5.22E-05	0.00E+00	2.92E-07	2.55E-07	5.27E-05	2.46E-05	5.19E-04	2.19E-05	9.35E-06	5.75E-04	2.34E-05	0.00E+00	2.92E-07	2.55E-07	2.39E-05
5226	481863.09, 3865377.25	0.01242	0.0171	0.00326	0.00293	5.29E-05	0.00E+00	2.77E-07	2.52E-07	5.34E-05	2.49E-05	5.39E-04	2.08E-05	9.25E-06	5.94E-04	2.37E-05	0.00E+00	2.77E-07	2.52E-07	2.43E-05
5227	482363.09, 3865377.25	0.0126	0.01774	0.0031	0.00293	5.37E-05	0.00E+00	2.64E-07	2.52E-07	5.42E-05	2.53E-05	5.59E-04	1.98E-05	9.25E-06	6.13E-04	2.41E-05	0.00E+00	2.64E-07	2.52E-07	2.46E-05
5228	482863.09, 3865377.25	0.01253	0.01857	0.00325	0.00301	5.34E-05	0.00E+00	2.76E-07	2.59E-07	5.39E-05	2.52E-05	5.85E-04	2.07E-05	9.50E-06	6.40E-04	2.39E-05	0.00E+00	2.76E-07	2.59E-07	2.45E-05
5229	483363.09, 3865377.25	0.0124	0.01928	0.00408	0.0031	5.28E-05	0.00E+00	3.47E-07	2.67E-07	5.34E-05	2.49E-05	6.07E-04	2.60E-05	9.79E-06	6.68E-04	2.37E-05	0.00E+00	3.47E-07	2.67E-07	2.43E-05
5230	483863.09, 3865377.25	0.01255	0.01948	0.00485	0.00306	5.34E-05	0.00E+00	4.12E-07	2.63E-07	5.41E-05	2.52E-05	6.14E-04	3.09E-05	9.66E-06	6.79E-04	2.40E-05	0.00E+00	4.12E-07	2.63E-07	2.46E-05
5231	484363.09, 3865377.25	0.01277	0.01982	0.00431	0.00294	5.44E-05	0.00E+00	3.67E-07	2.53E-07	5.50E-05	2.56E-05	6.24E-04	2.75E-05	9.28E-06	6.87E-04	2.44E-05	0.00E+00	3.67E-07	2.53E-07	2.50E-05
5232	484863.09, 3865377.25	0.01257	0.02059	0.00323	0.00292	5.35E-05	0.00E+00	2.75E-07	2.51E-07	5.41E-05	2.52E-05	6.49E-04	2.06E-05	9.22E-06	7.04E-04	2.40E-05	0.00E+00	2.75E-07	2.51E-07	2.45E-05
5233	485363.09, 3865377.25	0.01202	0.02111	0.00303	0.00288	5.12E-05	0.00E+00	2.58E-07	2.48E-07	5.17E-05	2.41E-05	6.65E-04	1.93E-05	9.09E-06	7.18E-04	2.30E-05	0.00E+00	2.58E-07	2.48E-07	2.35E-05
5234	485863.09, 3865377.25	0.01156	0.02089	0.00313	0.00271	4.92E-05	0.00E+00	2.66E-07	2.33E-07	4.97E-05	2.32E-05	6.58E-04	2.00E-05	8.56E-06	7.10E-04	2.21E-05	0.00E+00	2.66E-07	2.33E-07	2.26E-05
5235	486363.09, 3865377.25	0.01117	0.02107	0.00296	0.0027	4.76E-05	0.00E+00	2.52E-07	2.32E-07	4.81E-05	2.24E-05	6.64E-04	1.89E-05	8.52E-06	7.14E-04	2.13E-05	0.00E+00	2.52E-07	2.32E-07	2.18E-05
5236	486863.09, 3865377.25	0.01087	0.02106	0.00353	0.00271	4.63E-05	0.00E+00	3.00E-07	2.33E-07	4.68E-05	2.18E-05	6.63E-04	2.25E-05	8.56E-06	7.16E-04	2.08E-05	0.00E+00	3.00E-07	2.33E-07	2.13E-05
5237	487363.09, 3865377.25	0.01103	0.02048	0.00432	0.00273	4.70E-05	0.00E+00	3.67E-07	2.35E-07	4.76E-05	2.22E-05	6.45E-04	2.76E-05	8.62E-06	7.03E-04	2.11E-05	0.00E+00	3.67E-07	2.35E-07	2.17E-05
5238	487863.09, 3865377.25	0.01163	0.0202	0.00456	0.0028	4.95E-05	0.00E+00	3.88E-07	2.41E-07	5.02E-05	2.34E-05	6.36E-04	2.91E-05	8.84E-06	6.98E-04	2.22E-05	0.00E+00	3.88E-07	2.41E-07	2.28E-05
5239	488363.09, 3865377.25	0.0121	0.01997	0.00425	0.00282	5.15E-05	0.00E+00	3.61E-07	2.43E-07	5.21E-05	2.43E-05	6.29E-04	2.71E-05	8.90E-06	6.89E-04	2.31E-05	0.00E+00	3.61E-07	2.43E-07	2.37E-05
5240	488863.09, 3865377.25	0.01221	0.01997	0.00327	0.00265	5.20E-05	0.00E+00	2.78E-07	2.28E-07	5.25E-05	2.45E-05	6.29E-04	2.09E-05	8.37E-06	6.83E-04	2.33E-05	0.00E+00	2.78E-07	2.28E-07	2.38E-05
5241	489363.09, 3865377.25	0.0119	0.02034	0.00281	0.00255	5.07E-05	0.00E+00	2.39E-07	2.20E-07	5.11E-05	2.39E-05	6.41E-04	1.79E-05	8.05E-06	6.91E-04	2.27E-05	0.00E+00	2.39E-07	2.20E-07	2.32E-05
5242	489863.09, 3865377.25	0.01153	0.02065	0.00296	0.0026	4.91E-05	0.00E+00	2.52E-07	2.24E-07	4.96E-05	2.32E-05	6.50E-04	1.89E-05	8.21E-06	7.01E-04	2.20E-05	0.00E+00	2.52E-07	2.24E-07	2.25E-05
5243	490363.09, 3865377.25	0.01186	0.01967	0.00279	0.00258	5.05E-05	0.00E+00	2.37E-07	2.22E-07	5.10E-05	2.38E-05	6.20E-04	1.78E-05	8.15E-06	6.69E-04	2.27E-05	0.00E+00	2.37E-07	2.22E-07	2.31E-05
5244	490863.09, 3865377.25	0.0124	0.01896	0.0023	0.00268	5.28E-05	0.00E+00	1.96E-07	2.31E-07	5.32E-05	2.49E-05	5.97E-04	1.47E-05	8.46E-06	6.45E-04	2.37E-05	0.00E+00	1.96E-07	2.31E-07	2.41E-05
5245	491363.09, 3865377.25	0.01304	0.01847	0.00239	0.00291	5.55E-05	0.00E+00	2.03E-07	2.51E-07	5.60E-05	2.62E-05	5.82E-04	1.52E-05	9.19E-06	6.32E-04	2.49E-05	0.00E+00	2.03E-07	2.51E-07	2.54E-05
5246	491863.09, 3865377.25	0.01308	0.0189	0.00276	0.00319	5.57E-05	0.00E+00	2.35E-07	2.75E-07	5.62E-05	2.63E-05	5.95E-04	1.76E-05	1.01E-05	6.49E-04	2.50E-05	0.00E+00	2.35E-07	2.75E-07	2.55E-05
5247	492363.09, 3865377.25	0.01179	0.0137	0.00337	0.00391	5.02E-05	0.00E+00	2.87E-07	3.37E-07	5.08E-05	2.37E-05	4.32E-04	2.15E-05	1.23E-05	4.89E-04	2.25E-05	0.00E+00	2.87E-07	3.37E-07	2.31E-05

5248	492863.09, 3865377.25	0.01062	0.00983	0.00413	0.00311	4.52E-05	0.00E+00	3.51E-07	2.68E-07	4.58E-05	2.13E-05	3.10E-04	2.63E-05	9.82E-06	3.67E-04	2.03E-05	0.00E+00	3.51E-07	2.68E-07	2.09E-05
5249	493363.09, 3865377.25	0.00902	0.00831	0.00435	0.0027	3.84E-05	0.00E+00	3.70E-07	2.32E-07	3.90E-05	1.81E-05	2.62E-04	2.77E-05	8.52E-06	3.16E-04	1.72E-05	0.00E+00	3.70E-07	2.32E-07	1.78E-05
5250	493863.09, 3865377.25	0.01221	0.01353	0.00709	0.00323	5.20E-05	0.00E+00	6.03E-07	2.78E-07	5.29E-05	2.45E-05	4.26E-04	4.52E-05	1.02E-05	5.06E-04	2.33E-05	0.00E+00	6.03E-07	2.78E-07	2.42E-05
5251	494363.09, 3865377.25	0.01228	0.01853	0.00529	0.00321	5.23E-05	0.00E+00	4.50E-07	2.76E-07	5.30E-05	2.47E-05	5.84E-04	3.37E-05	1.01E-05	6.52E-04	2.35E-05	0.00E+00	4.50E-07	2.76E-07	2.42E-05
5252	494863.09, 3865377.25	0.01315	0.01958	0.00446	0.00307	5.60E-05	0.00E+00	3.79E-07	2.64E-07	5.66E-05	2.64E-05	6.17E-04	2.84E-05	9.69E-06	6.81E-04	2.51E-05	0.00E+00	3.79E-07	2.64E-07	2.58E-05
5253	495363.09, 3865377.25	0.01401	0.01951	0.00438	0.00288	5.97E-05	0.00E+00	3.73E-07	2.48E-07	6.03E-05	2.81E-05	6.15E-04	2.79E-05	9.09E-06	6.80E-04	2.68E-05	0.00E+00	3.73E-07	2.48E-07	2.74E-05
5254	495863.09, 3865377.25	0.01427	0.01997	0.00486	0.00278	6.08E-05	0.00E+00	4.13E-07	2.39E-07	6.14E-05	2.87E-05	6.29E-04	3.10E-05	8.78E-06	6.97E-04	2.73E-05	0.00E+00	4.13E-07	2.39E-07	2.79E-05
5255	496363.09, 3865377.25	0.01402	0.01981	0.00508	0.00277	5.97E-05	0.00E+00	4.32E-07	2.39E-07	6.04E-05	2.82E-05	6.24E-04	3.24E-05	8.75E-06	6.93E-04	2.68E-05	0.00E+00	4.32E-07	2.39E-07	2.74E-05
5256	496863.09, 3865377.25	0.01339	0.01995	0.00479	0.00284	5.70E-05	0.00E+00	4.07E-07	2.45E-07	5.77E-05	2.69E-05	6.28E-04	3.06E-05	8.97E-06	6.95E-04	2.56E-05	0.00E+00	4.07E-07	2.45E-07	2.62E-05
5257	497363.09, 3865377.25	0.0127	0.02082	0.0044	0.00291	5.41E-05	0.00E+00	3.74E-07	2.51E-07	5.47E-05	2.55E-05	6.56E-04	2.81E-05	9.19E-06	7.19E-04	2.43E-05	0.00E+00	3.74E-07	2.51E-07	2.49E-05
5258	497863.09, 3865377.25	0.01229	0.02135	0.00417	0.00298	5.23E-05	0.00E+00	3.55E-07	2.57E-07	5.30E-05	2.47E-05	6.73E-04	2.66E-05	9.41E-06	7.33E-04	2.35E-05	0.00E+00	3.55E-07	2.57E-07	2.41E-05
5259	498363.09, 3865377.25	0.01222	0.02157	0.00409	0.00299	5.20E-05	0.00E+00	3.48E-07	2.57E-07	5.26E-05	2.45E-05	6.79E-04	2.61E-05	9.44E-06	7.40E-04	2.33E-05	0.00E+00	3.48E-07	2.57E-07	2.39E-05
5260	471363.09, 3865877.25	0.00628	0.00785	0.00358	0.00258	2.67E-05	0.00E+00	3.04E-07	2.22E-07	2.73E-05	1.26E-05	2.47E-04	2.28E-05	8.15E-06	2.91E-04	1.20E-05	0.00E+00	3.04E-07	2.22E-07	1.25E-05
5261	471863.09, 3865877.25	0.00641	0.00819	0.00374	0.00261	2.73E-05	0.00E+00	3.18E-07	2.25E-07	2.78E-05	1.29E-05	2.58E-04	2.39E-05	8.24E-06	3.03E-04	1.22E-05	0.00E+00	3.18E-07	2.25E-07	1.28E-05
5262	472363.09, 3865877.25	0.00662	0.00847	0.0039	0.00262	2.82E-05	0.00E+00	3.32E-07	2.26E-07	2.87E-05	1.33E-05	2.67E-04	2.49E-05	8.27E-06	3.13E-04	1.26E-05	0.00E+00	3.32E-07	2.26E-07	1.32E-05
5263	472863.09, 3865877.25	0.00677	0.00882	0.00402	0.00263	2.88E-05	0.00E+00	3.42E-07	2.26E-07	2.94E-05	1.36E-05	2.78E-04	2.56E-05	8.30E-06	3.25E-04	1.29E-05	0.00E+00	3.42E-07	2.26E-07	1.35E-05
5264	473363.09, 3865877.25	0.00695	0.00913	0.00406	0.00263	2.96E-05	0.00E+00	3.45E-07	2.26E-07	3.02E-05	1.40E-05	2.88E-04	2.59E-05	8.30E-06	3.36E-04	1.33E-05	0.00E+00	3.45E-07	2.26E-07	1.38E-05
5265	473863.09, 3865877.25	0.00713	0.00942	0.00411	0.00262	3.04E-05	0.00E+00	3.50E-07	2.26E-07	3.09E-05	1.43E-05	2.97E-04	2.62E-05	8.27E-06	3.46E-04	1.36E-05	0.00E+00	3.50E-07	2.26E-07	1.42E-05
5266	474363.09, 3865877.25	0.00731	0.0097	0.00412	0.00261	3.11E-05	0.00E+00	3.50E-07	2.25E-07	3.17E-05	1.47E-05	3.06E-04	2.63E-05	8.24E-06	3.55E-04	1.40E-05	0.00E+00	3.50E-07	2.25E-07	1.45E-05
5267	474863.09, 3865877.25	0.00753	0.01	0.00416	0.00263	3.21E-05	0.00E+00	3.54E-07	2.26E-07	3.26E-05	1.51E-05	3.15E-04	2.65E-05	8.30E-06	3.65E-04	1.44E-05	0.00E+00	3.54E-07	2.26E-07	1.50E-05
5268	475363.09, 3865877.25	0.00779	0.01035	0.00417	0.00267	3.32E-05	0.00E+00	3.55E-07	2.30E-07	3.38E-05	1.56E-05	3.26E-04	2.66E-05	8.43E-06	3.77E-04	1.49E-05	0.00E+00	3.55E-07	2.30E-07	1.55E-05
5269	475863.09, 3865877.25	0.00812	0.01074	0.00422	0.00273	3.46E-05	0.00E+00	3.59E-07	2.35E-07	3.52E-05	1.63E-05	3.38E-04	2.69E-05	8.62E-06	3.90E-04	1.55E-05	0.00E+00	3.59E-07	2.35E-07	1.61E-05
5270	476363.09, 3865877.25	0.00861	0.01081	0.00441	0.00276	3.67E-05	0.00E+00	3.75E-07	2.38E-07	3.73E-05	1.73E-05	3.41E-04	2.81E-05	8.71E-06	3.95E-04	1.64E-05	0.00E+00	3.75E-07	2.38E-07	1.71E-05
5271	476863.09, 3865877.25	0.00892	0.0104	0.00459	0.00286	3.80E-05	0.00E+00	3.90E-07	2.46E-07	3.86E-05	1.79E-05	3.28E-04	2.93E-05	9.03E-06	3.84E-04	1.70E-05	0.00E+00	3.90E-07	2.46E-07	1.77E-05
5272	477363.09, 3865877.25	0.0092	0.01183	0.00458	0.00289	3.92E-05	0.00E+00	3.90E-07	2.49E-07	3.98E-05	1.85E-05	3.73E-04	2.92E-05	9.12E-06	4.29E-04	1.76E-05	0.00E+00	3.90E-07	2.49E-07	1.82E-05
5273	477863.09, 3865877.25	0.00948	0.0123	0.00446	0.00301	4.04E-05	0.00E+00	3.79E-07	2.59E-07	4.10E-05	1.90E-05	3.87E-04	2.84E-05	9.50E-06	4.44E-04	1.81E-05	0.00E+00	3.79E-07	2.59E-07	1.87E-05
5274	478363.09, 3865877.25	0.00994	0.01257	0.00433	0.00306	4.23E-05	0.00E+00	3.68E-07	2.63E-07	4.30E-05	2.00E-05	3.96E-04	2.76E-05	9.66E-06	4.53E-04	1.90E-05	0.00E+00	3.68E-07	2.63E-07	1.96E-05
5275	478863.09, 3865877.25	0.0104	0.0128	0.00405	0.00305	4.43E-05	0.00E+00	3.44E-07	2.63E-07	4.49E-05	2.09E-05	4.03E-04	2.58E-05	9.63E-06	4.60E-04	1.99E-05	0.00E+00	3.44E-07	2.63E-07	2.05E-05
5276	479363.09, 3865877.25	0.01081	0.0131	0.00372	0.00299	4.60E-05	0.00E+00	3.16E-07	2.57E-07	4.66E-05	2.17E-05	4.13E-04	2.37E-05	9.44E-06	4.68E-04	2.06E-05	0.00E+00	3.16E-07	2.57E-07	2.12E-05
5277	479863.09, 3865877.25	0.01106	0.01354	0.00346	0.00289	4.71E-05	0.00E+00	2.94E-07	2.49E-07	4.76E-05	2.22E-05	4.27E-04	2.21E-05	9.12E-06	4.80E-04	2.11E-05	0.00E+00	2.94E-07	2.49E-07	2.17E-05
5278	480363.09, 3865877.25	0.01117	0.01409	0.00331	0.0028	4.76E-05	0.00E+00	2.82E-07	2.41E-07	4.81E-05	2.24E-05	4.44E-04	2.11E-05	8.84E-06	4.96E-04	2.13E-05	0.00E+00	2.82E-07	2.41E-07	2.19E-05
5279	480863.09, 3865877.25	0.01122	0.01464	0.00321	0.00276	4.78E-05	0.00E+00	2.73E-07	2.38E-07	4.83E-05	2.25E-05	4.61E-04	2.05E-05	8.71E-06	5.13E-04	2.14E-05	0.00E+00	2.73E-07	2.38E-07	2.19E-05
5280	481363.09, 3865877.25	0.01126	0.01512	0.00308	0.00271	4.80E-05	0.00E+00	2.62E-07	2.33E-07	4.84E-05	2.26E-05	4.76E-04	1.96E-05	8.56E-06	5.27E-04	2.15E-05	0.00E+00	2.62E-07	2.33E-07	2.20E-05
5281	481863.09, 3865877.25	0.01139	0.01564	0.00292	0.00268	4.85E-05	0.00E+00	2.48E-07	2.31E-07	4.90E-05	2.29E-05	4.93E-04	1.86E-05	8.46E-06	5.43E-04	2.18E-05	0.00E+00	2.48E-07	2.31E-07	2.22E-05
5282	482363.09, 3865877.25	0.01148	0.01633	0.00295	0.00273	4.89E-05	0.00E+00	2.51E-07	2.35E-07	4.94E-05	2.31E-05	5.14E-04	1.88E-05	8.62E-06	5.65E-04	2.19E-05	0.00E+00	2.51E-07	2.35E-07	2.24E-05
5283	482863.09, 3865877.25	0.01138	0.01708	0.00354	0.00284	4.85E-05	0.00E+00	3.01E-07	2.45E-07	4.90E-05	2.29E-05	5.38E-04	2.26E-05	8.97E-06	5.92E-04	2.17E-05	0.00E+00	3.01E-07	2.45E-07	2.23E-05
5284	483363.09, 3865877.25	0.01135	0.01744	0.00448	0.0029	4.83E-05	0.00E+00	3.81E-07	2.50E-07	4.90E-05	2.28E-05	5.49E-04	2.86E-05	9.16E-06	6.10E-04	2.17E-05	0.00E+00	3.81E-07	2.50E-07	2.23E-05
5285	483863.09, 3865877.25	0.0116	0.01755	0.00457	0.00284	4.94E-05	0.00E+00	3.89E-07	2.45E-07	5.00E-05	2.33E-05	5.53E-04	2.91E-05	8.97E-06	6.14E-04	2.22E-05	0.00E+00	3.89E-07	2.45E-07	2.28E-05
5286	484363.09, 3865877.25	0.01176	0.01796	0.0036	0.00281	5.01E-05	0.00E+00	3.06E-07	2.42E-07	5.06E-05	2.36E-05	5.66E-04	2.30E-05	8.87E-06	6.21E-04	2.25E-05	0.00E+00	3.06E-07	2.42E-07	2.30E-05
5287	484863.09, 3865877.25	0.01147	0.01849	0.00287	0.00281	4.88E-05	0.00E+00	2.44E-07	2.42E-07	4.93E-05	2.30E-05	5.82E-04	1.83E-05	8.87E-06	6.33E-04	2.19E-05	0.00E+00	2.44E-07	2.42E-07	2.24E-05
5288	485363.09, 3865877.25	0.011	0.01855	0.00301	0.00264	4.68E-05	0.00E+00	2.56E-07	2.27E-07	4.73E-05	2.21E-05	5.84E-04	1.92E-05	8.34E-06	6.34E-04	2.10E-05	0.00E+00	2.56E-07	2.27E-07	2.15E-05
5289	485863.09, 3865877.25	0.01061	0.0183	0.00292	0.00251	4.52E-05	0.00E+00	2.48E-07	2.16E-07	4.56E-05	2.13E-05	5.76E-04	1.86E-05	7.93E-06	6.24E-04	2.03E-05	0.00E+00	2.48E-07	2.16E-07	2.07E-05
5290	486363.09, 3865877.25	0.01022	0.01872	0.00284	0.00256	4.35E-05	0.00E+00	2.42E-07	2.20E-07	4.40E-05	2.05E-05	5.90E-04	1.81E-05	8.08E-06	6.36E-04	1.95E-05	0.00E+00	2.42E-07	2.20E-07	2.00E-05
5291	486863.09, 3865877.25	0.00992	0.01862	0.00349	0.00256	4.22E-05	0.00E+00	2.97E-07	2.20E-07	4.28E-05	1.99E-05	5.87E-04	2.23E-05	8.08E-06	6.37E-04	1.89E-05	0.00E+00	2.97E-07	2.20E-07	1.95E-05
5292	487363.09, 3865877.25	0.01002	0.0181	0.00418	0.0026	4.27E-05	0.00E+00	3.55E-07	2.24E-07	4.33E-05	2.01E-05	5.70E-04	2.67E-05	8.21E-06	6.25E-04	1.91E-05	0.00E+00	3.55E-07	2.24E-07	1.97E-05
5293	487863.09, 3865877.25	0.0106	0.01786	0.00436	0.00265	4.51E-05	0.00E+00	3.71E-07	2.28E-07	4.57E-05	2.13E-05	5.63E-04	2.78E-05	8.37E-06	6.20E-04	2.02E-05	0.00E+00	3.71E-07	2.28E-07	2.08E-05
5294	488363.09, 3865877.25	0.01107	0.01756	0.00406	0.00263	4.71E-05	0.00E+00	3.45E-07	2.26E-07	4.77E-05	2.22E-05	5.53E-04	2.59E-05	8.30E-06	6.10E-04	2.11E-05	0.00E+00	3.45E-07	2.26E-07	2.17E-05
5295	488863.09, 3865877.25	0.0113	0.01754	0.00318	0.00248	4.81E-05	0.00E+00	2.70E-07	2.14E-07	4.86E-05	2.27E-05	5.53E-04	2.03E-05	7.83E-06	6.03E-04	2.16E-05	0.00E+00	2.70E-07	2.14E-07	2.21E-05
5296	489363.09, 3865877.25	0.01116	0.01795	0.00269	0.00238	4.75E-05	0.00E+00	2.29E-07	2.05E-07	4.80E-05	2.24E-05	5.65E-04	1.72E-05	7.51E-06	6.13E-04	2.13E-05	0.00E+00	2.29E-07	2.05E-07	2.17E-05
5297	489863.09, 3865877.25	0.01077	0.0183	0.00286	0.00243	4.59E-05	0.00E+00	2.43E-07	2.09E-07	4.63E-05	2.16E-05	5.76E-04	1.82E-05	7.67E-06	6.24E-04	2.06E-05	0.00E+00	2.43E-07	2.09E-07	2.10E-05
5298	490363.09, 3865877.25	0.01069	0.01807	0.0029	0.00241	4.55E-05	0.00E+00	2.47E-07	2.08E-07	4.60E-05	2.15E-05	5.69E-04	1.85E-05	7.61E-06	6.17E-04	2.04E-05	0.00E+00	2.47E-07	2.08E-07	2.09E-05
5299	490863.09, 3865877.25	0.01101	0.01721	0.00227	0.00244	4.69E-05	0.00E+00	1.93E-07	2.10E-07	4.73E-05	2.21E-05	5.42E-04	1.45E-05	7.70E-06	5.86E-04	2.10E-05	0.00E+00	1.93E-07	2.10E-07	2.14E-05
5300	491363.09, 3865877.25	0.01167	0.01588	0.00216	0.00259	4.97E-05	0.00E+00	1.84E-07	2.23E-07	5.01E-05	2.34E-05	5.00E-04	1.38E-05	8.18E-06	5.46E-04	2.23E-05	0.00E+00	1.84E-07	2.23E-07	2.27E-05
5301	491863.09, 3865877.25	0.01217	0.01565	0.00238	0.00284	5.18E-05	0.00E+00	2.02E-07	2.45E-07	5.23E-05	2.44E-05	4.93E-04	1.52E-05	8.97E-06	5.42E-04	2.32E-05	0.00E+00	2.02E-07	2.45E-07	2.37E-05
5302	492363.09, 3865877.25	0.01154	0.01446	0.00277	0.00314	4.91E-05	0.00E+00	2.36E-07	2.70E-07	4.97E-05	2.32E-05	4.55E-04	1.77E-05	9.91E-06	5.06E-04	2.20E-05	0.00E+00	2.36E-07	2.70E-07	2.25E-05
5303	492863.09, 3865877.25	0.0097	0.00944	0.00337	0.00308	4.13E-05	0.00E+00	2.87E-07	2.65E-07	4.19E-05	1.95E-05	2.97E-04	2.15E-05	9.72E-06	3.48E-04	1.85E-05	0.00E+00	2.87E-07	2.65E-07	1.91E-05
5304	493363.09, 3865877.25	0.01039	0.00966	0.00437	0.00309	4.42E-05	0.00E+00	3.72E-07	2.66E-07	4.49E-05	2.09E-05	3.04E-04	2.79E-05	9.76E-06	3.63E-04	1.98E-05	0.00E+00	3.72E-07	2.66E-07	2.05E-05
5305	493863.09, 3865877.25	0.01183	0.01246	0.00512	0.00294	5.04E-05	0.00E+00	4.35E-07	2.53E-07	5.11E-05	2.38E-05	3.92E-04	3.27E-05	9.28E-06	4.58E-04	2.26E-05	0.00E+00	4.35E-07	2.53E-07	2.33E-05
5306	494363.09, 3865877.25	0.01192	0.01604	0.00525	0.00294	5.08E-05	0.00E+00	4.46E-07	2.53E-07	5.15E-05	2.39E-05	5.05E-04	3.35E-05	9.28E-06	5.72E-04	2.28E-05	0.00E+00	4.46E-07	2.53E-07	2.35E-05

5307	494863.09, 3865877.25	0.01186	0.01866	0.00449	0.00294	5.05E-05	0.00E+00	3.82E-07	2.53E-07	5.11E-05	2.38E-05	5.88E-04	2.86E-05	9.28E-06	6.50E-04	2.27E-05	0.00E+00	3.82E-07	2.53E-07	2.33E-05
5308	495363.09, 3865877.25	0.0122	0.01819	0.00414	0.00287	5.20E-05	0.00E+00	3.52E-07	2.47E-07	5.26E-05	2.45E-05	5.73E-04	2.64E-05	9.06E-06	6.33E-04	2.33E-05	0.00E+00	3.52E-07	2.47E-07	2.39E-05
5309	495863.09, 3865877.25	0.01282	0.01723	0.00409	0.00271	5.46E-05	0.00E+00	3.48E-07	2.33E-07	5.52E-05	2.57E-05	5.43E-04	2.61E-05	8.56E-06	6.03E-04	2.45E-05	0.00E+00	3.48E-07	2.33E-07	2.51E-05
5310	496363.09, 3865877.25	0.01324	0.01665	0.0045	0.00258	5.64E-05	0.00E+00	3.83E-07	2.22E-07	5.70E-05	2.66E-05	5.24E-04	2.87E-05	8.15E-06	5.88E-04	2.53E-05	0.00E+00	3.83E-07	2.22E-07	2.59E-05
5311	496863.09, 3865877.25	0.01302	0.01629	0.00483	0.00258	5.54E-05	0.00E+00	4.11E-07	2.22E-07	5.61E-05	2.62E-05	5.13E-04	3.08E-05	8.15E-06	5.78E-04	2.49E-05	0.00E+00	4.11E-07	2.22E-07	2.55E-05
5312	497363.09, 3865877.25	0.01239	0.01711	0.00457	0.00262	5.28E-05	0.00E+00	3.89E-07	2.26E-07	5.34E-05	2.49E-05	5.39E-04	2.91E-05	8.27E-06	6.01E-04	2.37E-05	0.00E+00	3.89E-07	2.26E-07	2.43E-05
5313	497863.09, 3865877.25	0.0118	0.01773	0.00411	0.0027	5.03E-05	0.00E+00	3.50E-07	2.32E-07	5.08E-05	2.37E-05	5.58E-04	2.62E-05	8.52E-06	6.17E-04	2.25E-05	0.00E+00	3.50E-07	2.32E-07	2.31E-05
5314	498363.09, 3865877.25	0.01122	0.01741	0.00373	0.00282	4.78E-05	0.00E+00	3.17E-07	2.43E-07	4.83E-05	2.25E-05	5.48E-04	2.38E-05	8.90E-06	6.04E-04	2.14E-05	0.00E+00	3.17E-07	2.43E-07	2.20E-05
5315	471363.09, 3866377.25	0.00597	0.00769	0.00368	0.0025	2.54E-05	0.00E+00	3.13E-07	2.15E-07	2.60E-05	1.20E-05	2.42E-04	2.35E-05	7.89E-06	2.86E-04	1.14E-05	0.00E+00	3.13E-07	2.15E-07	1.19E-05
5316	471863.09, 3866377.25	0.00617	0.00792	0.00387	0.0025	2.63E-05	0.00E+00	3.29E-07	2.15E-07	2.68E-05	1.24E-05	2.49E-04	2.47E-05	7.89E-06	2.94E-04	1.18E-05	0.00E+00	3.29E-07	2.15E-07	1.23E-05
5317	472363.09, 3866377.25	0.00635	0.00815	0.00395	0.00249	2.70E-05	0.00E+00	3.36E-07	2.14E-07	2.76E-05	1.28E-05	2.57E-04	2.52E-05	7.86E-06	3.03E-04	1.21E-05	0.00E+00	3.36E-07	2.14E-07	1.27E-05
5318	472863.09, 3866377.25	0.00648	0.00843	0.00387	0.00249	2.76E-05	0.00E+00	3.29E-07	2.14E-07	2.81E-05	1.30E-05	2.66E-04	2.47E-05	7.86E-06	3.11E-04	1.24E-05	0.00E+00	3.29E-07	2.14E-07	1.29E-05
5319	473363.09, 3866377.25	0.00663	0.00866	0.0039	0.00248	2.82E-05	0.00E+00	3.32E-07	2.14E-07	2.88E-05	1.33E-05	2.73E-04	2.49E-05	7.83E-06	3.19E-04	1.27E-05	0.00E+00	3.32E-07	2.14E-07	1.32E-05
5320	473863.09, 3866377.25	0.00676	0.00891	0.0039	0.00248	2.88E-05	0.00E+00	3.32E-07	2.14E-07	2.93E-05	1.36E-05	2.81E-04	2.49E-05	7.83E-06	3.27E-04	1.29E-05	0.00E+00	3.32E-07	2.14E-07	1.35E-05
5321	474363.09, 3866377.25	0.00693	0.00918	0.00391	0.0025	2.95E-05	0.00E+00	3.33E-07	2.15E-07	3.01E-05	1.39E-05	2.89E-04	2.49E-05	7.89E-06	3.36E-04	1.32E-05	0.00E+00	3.33E-07	2.15E-07	1.38E-05
5322	474863.09, 3866377.25	0.00717	0.00948	0.00396	0.00254	3.05E-05	0.00E+00	3.37E-07	2.19E-07	3.11E-05	1.44E-05	2.99E-04	2.53E-05	8.02E-06	3.46E-04	1.37E-05	0.00E+00	3.37E-07	2.19E-07	1.42E-05
5323	475363.09, 3866377.25	0.00744	0.0098	0.00398	0.00259	3.17E-05	0.00E+00	3.38E-07	2.23E-07	3.22E-05	1.49E-05	3.09E-04	2.54E-05	8.18E-06	3.57E-04	1.42E-05	0.00E+00	3.38E-07	2.23E-07	1.48E-05
5324	475863.09, 3866377.25	0.00773	0.01015	0.00401	0.00264	3.29E-05	0.00E+00	3.41E-07	2.27E-07	3.35E-05	1.55E-05	3.20E-04	2.56E-05	8.34E-06	3.69E-04	1.48E-05	0.00E+00	3.41E-07	2.27E-07	1.53E-05
5325	476363.09, 3866377.25	0.00817	0.01035	0.00428	0.00269	3.48E-05	0.00E+00	3.64E-07	2.32E-07	3.54E-05	1.64E-05	3.26E-04	2.73E-05	8.49E-06	3.78E-04	1.56E-05	0.00E+00	3.64E-07	2.32E-07	1.62E-05
5326	476863.09, 3866377.25	0.00843	0.00942	0.0045	0.00279	3.59E-05	0.00E+00	3.83E-07	2.40E-07	3.65E-05	1.69E-05	2.97E-04	2.87E-05	8.81E-06	3.51E-04	1.61E-05	0.00E+00	3.83E-07	2.40E-07	1.67E-05
5327	477363.09, 3866377.25	0.00885	0.01056	0.00441	0.0028	3.77E-05	0.00E+00	3.75E-07	2.41E-07	3.83E-05	1.78E-05	3.33E-04	2.81E-05	8.84E-06	3.87E-04	1.69E-05	0.00E+00	3.75E-07	2.41E-07	1.75E-05
5328	477863.09, 3866377.25	0.00914	0.01126	0.00418	0.00292	3.89E-05	0.00E+00	3.55E-07	2.51E-07	3.95E-05	1.84E-05	3.55E-04	2.67E-05	9.22E-06	4.09E-04	1.75E-05	0.00E+00	3.55E-07	2.51E-07	1.81E-05
5329	478363.09, 3866377.25	0.00947	0.01152	0.00379	0.00289	4.03E-05	0.00E+00	3.22E-07	2.49E-07	4.09E-05	1.90E-05	3.63E-04	2.42E-05	9.12E-06	4.15E-04	1.81E-05	0.00E+00	3.22E-07	2.49E-07	1.87E-05
5330	478863.09, 3866377.25	0.00984	0.01181	0.00348	0.00285	4.19E-05	0.00E+00	2.96E-07	2.45E-07	4.24E-05	1.98E-05	3.72E-04	2.22E-05	9.00E-06	4.23E-04	1.88E-05	0.00E+00	2.96E-07	2.45E-07	1.93E-05
5331	479363.09, 3866377.25	0.01016	0.01222	0.00327	0.00278	4.33E-05	0.00E+00	2.78E-07	2.39E-07	4.38E-05	2.04E-05	3.85E-04	2.09E-05	8.78E-06	4.35E-04	1.94E-05	0.00E+00	2.78E-07	2.39E-07	1.99E-05
5332	479863.09, 3866377.25	0.01037	0.01271	0.00315	0.00269	4.42E-05	0.00E+00	2.68E-07	2.32E-07	4.47E-05	2.08E-05	4.00E-04	2.01E-05	8.49E-06	4.50E-04	1.98E-05	0.00E+00	2.68E-07	2.32E-07	2.03E-05
5333	480363.09, 3866377.25	0.01045	0.01316	0.00306	0.00262	4.45E-05	0.00E+00	2.60E-07	2.26E-07	4.50E-05	2.10E-05	4.15E-04	1.95E-05	8.27E-06	4.63E-04	2.00E-05	0.00E+00	2.60E-07	2.26E-07	2.04E-05
5334	480863.09, 3866377.25	0.01043	0.01354	0.00294	0.00255	4.44E-05	0.00E+00	2.50E-07	2.20E-07	4.49E-05	2.09E-05	4.27E-04	1.88E-05	8.05E-06	4.74E-04	1.99E-05	0.00E+00	2.50E-07	2.20E-07	2.04E-05
5335	481363.09, 3866377.25	0.01044	0.01396	0.00279	0.0025	4.45E-05	0.00E+00	2.37E-07	2.15E-07	4.49E-05	2.10E-05	4.40E-04	1.78E-05	7.89E-06	4.86E-04	1.99E-05	0.00E+00	2.37E-07	2.15E-07	2.04E-05
5336	481863.09, 3866377.25	0.01049	0.0145	0.00274	0.00251	4.47E-05	0.00E+00	2.33E-07	2.16E-07	4.51E-05	2.11E-05	4.57E-04	1.75E-05	7.93E-06	5.03E-04	2.00E-05	0.00E+00	2.33E-07	2.16E-07	2.05E-05
5337	482363.09, 3866377.25	0.01051	0.01517	0.00312	0.00259	4.48E-05	0.00E+00	2.65E-07	2.23E-07	4.52E-05	2.11E-05	4.78E-04	1.99E-05	8.18E-06	5.27E-04	2.01E-05	0.00E+00	2.65E-07	2.23E-07	2.06E-05
5338	482863.09, 3866377.25	0.01044	0.01567	0.00399	0.00269	4.45E-05	0.00E+00	3.39E-07	2.32E-07	4.50E-05	2.10E-05	4.94E-04	2.55E-05	8.49E-06	5.49E-04	1.99E-05	0.00E+00	3.39E-07	2.32E-07	2.05E-05
5339	483363.09, 3866377.25	0.01051	0.01581	0.00454	0.0027	4.48E-05	0.00E+00	3.86E-07	2.32E-07	4.54E-05	2.11E-05	4.98E-04	2.90E-05	8.52E-06	5.57E-04	2.01E-05	0.00E+00	3.86E-07	2.32E-07	2.07E-05
5340	483863.09, 3866377.25	0.01077	0.01594	0.00397	0.00269	4.59E-05	0.00E+00	3.38E-07	2.32E-07	4.64E-05	2.16E-05	5.02E-04	2.53E-05	8.49E-06	5.58E-04	2.06E-05	0.00E+00	3.38E-07	2.32E-07	2.11E-05
5341	484363.09, 3866377.25	0.01079	0.01631	0.00302	0.00272	4.60E-05	0.00E+00	2.57E-07	2.34E-07	4.64E-05	2.17E-05	5.14E-04	1.93E-05	8.59E-06	5.63E-04	2.06E-05	0.00E+00	2.57E-07	2.34E-07	2.11E-05
5342	484863.09, 3866377.25	0.01055	0.01664	0.00275	0.00266	4.49E-05	0.00E+00	2.34E-07	2.29E-07	4.54E-05	2.12E-05	5.24E-04	1.75E-05	8.40E-06	5.71E-04	2.01E-05	0.00E+00	2.34E-07	2.29E-07	2.06E-05
5343	485363.09, 3866377.25	0.01013	0.01636	0.00296	0.00242	4.31E-05	0.00E+00	2.52E-07	2.08E-07	4.36E-05	2.03E-05	5.15E-04	1.89E-05	7.64E-06	5.62E-04	1.93E-05	0.00E+00	2.52E-07	2.08E-07	1.98E-05
5344	485863.09, 3866377.25	0.00976	0.01624	0.00271	0.00235	4.16E-05	0.00E+00	2.30E-07	2.02E-07	4.20E-05	1.96E-05	5.12E-04	1.73E-05	7.42E-06	5.56E-04	1.86E-05	0.00E+00	2.30E-07	2.02E-07	1.91E-05
5345	486363.09, 3866377.25	0.00939	0.01676	0.00277	0.00243	4.00E-05	0.00E+00	2.36E-07	2.09E-07	4.04E-05	1.89E-05	5.28E-04	1.77E-05	7.67E-06	5.72E-04	1.79E-05	0.00E+00	2.36E-07	2.09E-07	1.84E-05
5346	486863.09, 3866377.25	0.00912	0.01662	0.00346	0.00244	3.88E-05	0.00E+00	2.94E-07	2.10E-07	3.93E-05	1.83E-05	5.24E-04	2.21E-05	7.70E-06	5.72E-04	1.74E-05	0.00E+00	2.94E-07	2.10E-07	1.79E-05
5347	487363.09, 3866377.25	0.00936	0.01632	0.00416	0.00257	3.99E-05	0.00E+00	3.54E-07	2.21E-07	4.04E-05	1.88E-05	5.14E-04	2.65E-05	8.11E-06	5.68E-04	1.79E-05	0.00E+00	3.54E-07	2.21E-07	1.85E-05
5348	487863.09, 3866377.25	0.00997	0.016	0.00445	0.00257	4.25E-05	0.00E+00	3.78E-07	2.21E-07	4.31E-05	2.00E-05	5.04E-04	2.84E-05	8.11E-06	5.61E-04	1.90E-05	0.00E+00	3.78E-07	2.21E-07	1.96E-05
5349	488363.09, 3866377.25	0.01044	0.01568	0.00416	0.00253	4.45E-05	0.00E+00	3.54E-07	2.18E-07	4.50E-05	2.10E-05	4.94E-04	2.65E-05	7.99E-06	5.49E-04	1.99E-05	0.00E+00	3.54E-07	2.18E-07	2.05E-05
5350	488863.09, 3866377.25	0.01079	0.01522	0.00329	0.00234	4.60E-05	0.00E+00	2.80E-07	2.01E-07	4.64E-05	2.17E-05	4.79E-04	2.10E-05	7.39E-06	5.29E-04	2.06E-05	0.00E+00	2.80E-07	2.01E-07	2.11E-05
5351	489363.09, 3866377.25	0.01072	0.01531	0.0026	0.0022	4.57E-05	0.00E+00	2.21E-07	1.89E-07	4.61E-05	2.15E-05	4.82E-04	1.66E-05	6.95E-06	5.27E-04	2.05E-05	0.00E+00	2.21E-07	1.89E-07	2.09E-05
5352	489863.09, 3866377.25	0.01036	0.01477	0.00293	0.00234	4.41E-05	0.00E+00	2.49E-07	2.01E-07	4.46E-05	2.08E-05	4.65E-04	1.87E-05	7.39E-06	5.12E-04	1.98E-05	0.00E+00	2.49E-07	2.01E-07	2.02E-05
5353	490363.09, 3866377.25	0.0099	0.01621	0.00296	0.00225	4.22E-05	0.00E+00	2.52E-07	1.94E-07	4.26E-05	1.99E-05	5.11E-04	1.89E-05	7.10E-06	5.56E-04	1.89E-05	0.00E+00	2.52E-07	1.94E-07	1.94E-05
5354	490863.09, 3866377.25	0.00982	0.01607	0.00238	0.00228	4.18E-05	0.00E+00	2.02E-07	1.96E-07	4.22E-05	1.97E-05	5.06E-04	1.52E-05	7.20E-06	5.48E-04	1.88E-05	0.00E+00	2.02E-07	1.96E-07	1.92E-05
5355	491363.09, 3866377.25	0.01032	0.01602	0.00209	0.00235	4.39E-05	0.00E+00	1.78E-07	2.02E-07	4.43E-05	2.07E-05	5.05E-04	1.33E-05	7.42E-06	5.46E-04	1.97E-05	0.00E+00	1.78E-07	2.02E-07	2.01E-05
5356	491863.09, 3866377.25	0.01108	0.01284	0.00213	0.00258	4.72E-05	0.00E+00	1.81E-07	2.22E-07	4.76E-05	2.23E-05	4.04E-04	1.36E-05	8.15E-06	4.48E-04	2.12E-05	0.00E+00	1.81E-07	2.22E-07	2.16E-05
5357	492363.09, 3866377.25	0.01112	0.01318	0.00239	0.0028	4.74E-05	0.00E+00	2.03E-07	2.41E-07	4.78E-05	2.23E-05	4.15E-04	1.52E-05	8.84E-06	4.62E-04	2.12E-05	0.00E+00	2.03E-07	2.41E-07	2.17E-05
5358	492863.09, 3866377.25	0.00993	0.01094	0.00284	0.00309	4.23E-05	0.00E+00	2.42E-07	2.66E-07	4.28E-05	1.99E-05	3.45E-04	1.81E-05	9.76E-06	3.92E-04	1.90E-05	0.00E+00	2.42E-07	2.66E-07	1.95E-05
5359	493363.09, 3866377.25	0.01008	0.0117	0.00354	0.00308	4.29E-05	0.00E+00	3.01E-07	2.65E-07	4.35E-05	2.02E-05	3.69E-04	2.26E-05	9.72E-06	4.21E-04	1.93E-05	0.00E+00	3.01E-07	2.65E-07	1.98E-05
5360	493863.09, 3866377.25	0.01103	0.01315	0.00412	0.00291	4.70E-05	0.00E+00	3.50E-07	2.51E-07	4.76E-05	2.22E-05	4.14E-04	2.63E-05	9.19E-06	4.72E-04	2.11E-05	0.00E+00	3.50E-07	2.51E-07	2.17E-05
5361	494363.09, 3866377.25	0.01143	0.01569	0.00426	0.00267	4.87E-05	0.00E+00	3.62E-07	2.30E-07	4.93E-05	2.30E-05	4.94E-04	2.72E-05	8.43E-06	5.53E-04	2.18E-05	0.00E+00	3.62E-07	2.30E-07	2.24E-05
5362	494863.09, 3866377.25	0.011	0.01614	0.00451	0.0027	4.68E-05	0.00E+00	3.84E-07	2.32E-07	4.75E-05	2.21E-05	5.08E-04	2.88E-05	8.52E-06	5.68E-04	2.10E-05	0.00E+00	3.84E-07	2.32E-07	2.16E-05
5363	495363.09, 3866377.25	0.01032	0.01564	0.00449	0.00279	4.39E-05	0.00E+00	3.82E-07	2.40E-07	4.46E-05	2.07E-05	4.93E-04	2.86E-05	8.81E-06	5.51E-04	1.97E-05	0.00E+00	3.82E-07	2.40E-07	2.03E-05
5364	495863.09, 3866377.25	0.01088	0.01476	0.004	0.00276	4.63E-05	0.00E+00	3.40E-07	2.38E-07	4.69E-05	2.19E-05	4.65E-04	2.55E-05	8.71E-06	5.21E-04	2.08E-05	0.00E+00	3.40E-07	2.38E-07	2.14E-05
5365	496363.09, 3866377.25	0.012	0.01406	0.00386	0.00257	5.11E-05	0.00E+00	3.28E-07	2.21E-07	5.17E-05	2.41E-05	4.43E-04	2.46E-05	8.11E-06	5.00E-04	2.29E-05	0.00E+00	3.28E-07	2.21E-07	2.35E-05

5366	496863.09, 3866377.25	0.01215	0.01322	0.00433	0.00241	5.17E-05	0.00E+00	3.68E-07	2.08E-07	5.23E-05	2.44E-05	4.16E-04	2.76E-05	7.61E-06	4.76E-04	2.32E-05	0.00E+00	3.68E-07	2.08E-07	2.38E-05
5367	497363.09, 3866377.25	0.01195	0.01347	0.00476	0.00246	5.09E-05	0.00E+00	4.05E-07	2.12E-07	5.15E-05	2.40E-05	4.24E-04	3.04E-05	7.77E-06	4.86E-04	2.28E-05	0.00E+00	4.05E-07	2.12E-07	2.34E-05
5368	497863.09, 3866377.25	0.01149	0.01429	0.00447	0.00252	4.89E-05	0.00E+00	3.80E-07	2.17E-07	4.95E-05	2.31E-05	4.50E-04	2.85E-05	7.96E-06	5.10E-04	2.19E-05	0.00E+00	3.80E-07	2.17E-07	2.25E-05
5369	498363.09, 3866377.25	0.01041	0.01259	0.00396	0.00264	4.43E-05	0.00E+00	3.37E-07	2.27E-07	4.49E-05	2.09E-05	3.97E-04	2.53E-05	8.34E-06	4.51E-04	1.99E-05	0.00E+00	3.37E-07	2.27E-07	2.04E-05
5370	474494.92, 3848334.16	0.00708	0.00398	0.00164	0.00231	3.02E-05	0.00E+00	1.39E-07	1.99E-07	3.05E-05	1.42E-05	1.25E-04	1.05E-05	7.29E-06	1.57E-04	1.35E-05	0.00E+00	1.39E-07	1.99E-07	1.39E-05
5371	475167.27, 3848920.79	0.00806	0.00444	0.00173	0.00247	3.43E-05	0.00E+00	1.47E-07	2.13E-07	3.47E-05	1.62E-05	1.40E-04	1.10E-05	7.80E-06	1.75E-04	1.54E-05	0.00E+00	1.47E-07	2.13E-07	1.58E-05
5372	475297.89, 3848997.96	0.00821	0.00451	0.00174	0.00249	3.50E-05	0.00E+00	1.48E-07	2.14E-07	3.53E-05	1.65E-05	1.42E-04	1.11E-05	7.86E-06	1.78E-04	1.57E-05	0.00E+00	1.48E-07	2.14E-07	1.60E-05
5373	475439.05, 3849062	0.00821	0.00442	0.00176	0.0025	3.50E-05	0.00E+00	1.50E-07	2.15E-07	3.53E-05	1.65E-05	1.39E-04	1.12E-05	7.89E-06	1.75E-04	1.57E-05	0.00E+00	1.50E-07	2.15E-07	1.60E-05
5374	475486.86, 3849061.09	0.00817	0.00438	0.00176	0.0025	3.48E-05	0.00E+00	1.50E-07	2.15E-07	3.52E-05	1.64E-05	1.38E-04	1.12E-05	7.89E-06	1.73E-04	1.56E-05	0.00E+00	1.50E-07	2.15E-07	1.60E-05
5375	475538.46, 3849075.56	0.00822	0.00443	0.00176	0.0025	3.50E-05	0.00E+00	1.50E-07	2.15E-07	3.54E-05	1.65E-05	1.40E-04	1.12E-05	7.89E-06	1.75E-04	1.57E-05	0.00E+00	1.50E-07	2.15E-07	1.61E-05
5376	475751.79, 3849137.15	0.00849	0.00482	0.00179	0.00252	3.62E-05	0.00E+00	1.52E-07	2.17E-07	3.65E-05	1.71E-05	1.52E-04	1.14E-05	7.96E-06	1.88E-04	1.62E-05	0.00E+00	1.52E-07	2.17E-07	1.66E-05
5377	476303.62, 3849223.38	0.00877	0.00589	0.00185	0.00252	3.73E-05	0.00E+00	1.57E-07	2.17E-07	3.77E-05	1.76E-05	1.86E-04	1.18E-05	7.96E-06	2.23E-04	1.68E-05	0.00E+00	1.57E-07	2.17E-07	1.71E-05
5378	476304.51, 3849238.92	0.00881	0.00588	0.00185	0.00252	3.75E-05	0.00E+00	1.57E-07	2.17E-07	3.79E-05	1.77E-05	1.85E-04	1.18E-05	7.96E-06	2.23E-04	1.68E-05	0.00E+00	1.57E-07	2.17E-07	1.72E-05
5379	476365.04, 3849247.98	0.00883	0.00603	0.00186	0.00252	3.76E-05	0.00E+00	1.58E-07	2.17E-07	3.80E-05	1.77E-05	1.90E-04	1.19E-05	7.96E-06	2.28E-04	1.69E-05	0.00E+00	1.58E-07	2.17E-07	1.72E-05
5380	476444.86, 3849267.13	0.00885	0.00612	0.00187	0.00252	3.77E-05	0.00E+00	1.59E-07	2.17E-07	3.81E-05	1.78E-05	1.93E-04	1.19E-05	7.96E-06	2.30E-04	1.69E-05	0.00E+00	1.59E-07	2.17E-07	1.73E-05
5381	476550.75, 3849300.66	0.00894	0.00645	0.00188	0.00253	3.81E-05	0.00E+00	1.60E-07	2.18E-07	3.85E-05	1.80E-05	2.03E-04	1.20E-05	7.99E-06	2.41E-04	1.71E-05	0.00E+00	1.60E-07	2.18E-07	1.75E-05
5382	476656.71, 3849346.88	0.00904	0.00671	0.00189	0.00254	3.85E-05	0.00E+00	1.61E-07	2.19E-07	3.89E-05	1.82E-05	2.11E-04	1.21E-05	8.02E-06	2.50E-04	1.73E-05	0.00E+00	1.61E-07	2.19E-07	1.76E-05
5383	476873.55, 3849454.53	0.00928	0.00729	0.00192	0.00257	3.95E-05	0.00E+00	1.63E-07	2.21E-07	3.99E-05	1.86E-05	2.30E-04	1.22E-05	8.11E-06	2.69E-04	1.77E-05	0.00E+00	1.63E-07	2.21E-07	1.81E-05
5384	477700, 3849859.7	0.01015	0.00938	0.00204	0.00269	4.32E-05	0.00E+00	1.73E-07	2.32E-07	4.36E-05	2.04E-05	2.95E-04	1.30E-05	8.49E-06	3.37E-04	1.94E-05	0.00E+00	1.73E-07	2.32E-07	1.98E-05
5385	477743.16, 3849856.38	0.01007	0.0093	0.00205	0.00269	4.29E-05	0.00E+00	1.74E-07	2.32E-07	4.33E-05	2.02E-05	2.93E-04	1.31E-05	8.49E-06	3.35E-04	1.92E-05	0.00E+00	1.74E-07	2.32E-07	1.96E-05
5386	478477.35, 3850216.33	0.01069	0.00975	0.00214	0.00288	4.55E-05	0.00E+00	1.82E-07	2.48E-07	4.60E-05	2.15E-05	3.07E-04	1.37E-05	9.09E-06	3.51E-04	2.04E-05	0.00E+00	1.82E-07	2.48E-07	2.08E-05
5387	478485.8, 3850201.6	0.01062	0.00971	0.00214	0.00288	4.52E-05	0.00E+00	1.82E-07	2.48E-07	4.57E-05	2.13E-05	3.06E-04	1.37E-05	9.09E-06	3.50E-04	2.03E-05	0.00E+00	1.82E-07	2.48E-07	2.07E-05
5388	479113.21, 3850501.53	0.01215	0.0107	0.00222	0.00305	5.17E-05	0.00E+00	1.89E-07	2.63E-07	5.22E-05	2.44E-05	3.37E-04	1.42E-05	9.63E-06	3.85E-04	2.32E-05	0.00E+00	1.89E-07	2.63E-07	2.37E-05
5389	479108.11, 3850382.28	0.01208	0.01023	0.00219	0.00302	5.14E-05	0.00E+00	1.86E-07	2.60E-07	5.19E-05	2.43E-05	3.22E-04	1.40E-05	9.54E-06	3.70E-04	2.31E-05	0.00E+00	1.86E-07	2.60E-07	2.35E-05
5390	479689.85, 3850674.28	0.01427	0.01012	0.00225	0.00322	6.08E-05	0.00E+00	1.91E-07	2.77E-07	6.12E-05	2.87E-05	3.19E-04	1.44E-05	1.02E-05	3.72E-04	2.73E-05	0.00E+00	1.91E-07	2.77E-07	2.77E-05
5391	479952.42, 3850774.28	0.01631	0.01017	0.00227	0.00329	6.95E-05	0.00E+00	1.93E-07	2.83E-07	6.99E-05	3.28E-05	3.20E-04	1.45E-05	1.04E-05	3.78E-04	3.12E-05	0.00E+00	1.93E-07	2.83E-07	3.16E-05
5392	479911.32, 3850884.85	0.01554	0.01087	0.00231	0.00332	6.62E-05	0.00E+00	1.96E-07	2.86E-07	6.67E-05	3.12E-05	3.42E-04	1.47E-05	1.05E-05	3.99E-04	2.97E-05	0.00E+00	1.96E-07	2.86E-07	3.02E-05
5393	480500.92, 3851178.12	0.02012	0.01188	0.00239	0.00352	8.57E-05	0.00E+00	2.03E-07	3.03E-07	8.62E-05	4.04E-05	3.74E-04	1.52E-05	1.11E-05	4.41E-04	3.84E-05	0.00E+00	2.03E-07	3.03E-07	3.89E-05
5394	480738.01, 3851289.27	0.0224	0.01227	0.00242	0.00364	9.54E-05	0.00E+00	2.06E-07	3.13E-07	9.59E-05	4.50E-05	3.87E-04	1.54E-05	1.15E-05	4.58E-04	4.28E-05	0.00E+00	2.06E-07	3.13E-07	4.33E-05
5395	481055.42, 3851443.58	0.02548	0.0126	0.00247	0.00382	1.09E-04	0.00E+00	2.10E-07	3.29E-07	1.09E-04	5.12E-05	3.97E-04	1.58E-05	1.21E-05	4.76E-04	4.87E-05	0.00E+00	2.10E-07	3.29E-07	4.92E-05
5396	481110.22, 3851443.15	0.026	0.01242	0.00247	0.00384	1.11E-04	0.00E+00	2.10E-07	3.31E-07	1.11E-04	5.22E-05	3.91E-04	1.58E-05	1.21E-05	4.71E-04	4.97E-05	0.00E+00	2.10E-07	3.31E-07	5.02E-05
5397	481111.1, 3851417.45	0.026	0.01223	0.00246	0.00383	1.11E-04	0.00E+00	2.09E-07	3.30E-07	1.11E-04	5.22E-05	3.85E-04	1.57E-05	1.21E-05	4.65E-04	4.97E-05	0.00E+00	2.09E-07	3.30E-07	5.02E-05
5398	482248.44, 3852605.09	0.04054	0.01756	0.00297	0.0054	1.73E-04	0.00E+00	2.53E-07	4.65E-07	1.73E-04	8.14E-05	5.53E-04	1.89E-05	1.70E-05	6.71E-04	7.74E-05	0.00E+00	2.53E-07	4.65E-07	7.81E-05
5399	482273.34, 3852632.31	0.04104	0.01773	0.00298	0.00547	1.75E-04	0.00E+00	2.53E-07	4.71E-07	1.75E-04	8.24E-05	5.58E-04	1.90E-05	1.73E-05	6.77E-04	7.84E-05	0.00E+00	2.53E-07	4.71E-07	7.91E-05
5400	482665.46, 3853038.72	0.05012	0.02103	0.0032	0.00658	2.13E-04	0.00E+00	2.72E-07	5.67E-07	2.14E-04	1.01E-04	6.62E-04	2.04E-05	2.08E-05	8.04E-04	9.57E-05	0.00E+00	2.72E-07	5.67E-07	9.66E-05
5401	483077.95, 3853844.31	0.06524	0.02799	0.00369	0.00987	2.78E-04	0.00E+00	3.14E-07	8.50E-07	2.79E-04	1.31E-04	8.82E-04	2.35E-05	3.12E-05	1.07E-03	1.25E-04	0.00E+00	3.14E-07	8.50E-07	1.26E-04
5402	483121.38, 3853909.38	0.06847	0.02809	0.00373	0.01033	2.92E-04	0.00E+00	3.17E-07	8.90E-07	2.93E-04	1.38E-04	8.85E-04	2.38E-05	3.26E-05	1.08E-03	1.31E-04	0.00E+00	3.17E-07	8.90E-07	1.32E-04
5403	483492.64, 3853911.49	0.09246	0.02426	0.00374	0.01067	3.94E-04	0.00E+00	3.18E-07	9.19E-07	3.95E-04	1.86E-04	7.64E-04	2.39E-05	3.37E-05	1.01E-03	1.77E-04	0.00E+00	3.18E-07	9.19E-07	1.78E-04
5404	483498.29, 3854204.73	0.09748	0.02867	0.00397	0.01461	4.15E-04	0.00E+00	3.38E-07	1.26E-06	4.17E-04	1.96E-04	9.03E-04	2.53E-05	4.61E-05	1.17E-03	1.86E-04	0.00E+00	3.38E-07	1.26E-06	1.88E-04
5405	484132.44, 3854662.55	0.1527	0.03946	0.00444	0.04783	6.50E-04	0.00E+00	3.78E-07	4.12E-06	6.55E-04	3.07E-04	1.24E-03	2.83E-05	1.51E-04	1.73E-03	2.92E-04	0.00E+00	3.78E-07	4.12E-06	2.96E-04
5406	484627.62, 3854876.13	0.28167	0.06404	0.00477	0.03715	1.20E-03	0.00E+00	4.06E-07	3.20E-06	1.20E-03	5.66E-04	2.02E-03	3.04E-05	1.17E-04	2.73E-03	5.38E-04	0.00E+00	4.06E-07	3.20E-06	5.42E-04
5407	484756.14, 3854949.04	0.37539	0.07308	0.0049	0.03386	1.60E-03	0.00E+00	4.17E-07	2.92E-06	1.60E-03	7.54E-04	2.30E-03	3.13E-05	1.07E-04	3.19E-03	7.17E-04	0.00E+00	4.17E-07	2.92E-06	7.20E-04
5408	486697.51, 3856599.17	4.9428	0.25236	0.01138	0.05483	2.10E-02	0.00E+00	9.68E-07	4.72E-06	2.11E-02	9.93E-03	7.95E-03	7.26E-05	1.73E-04	1.81E-02	9.44E-03	0.00E+00	9.68E-07	4.72E-06	9.45E-03
5409	487105.31, 3856962.27	5.27429	0.29041	0.01654	0.03355	2.25E-02	0.00E+00	1.41E-06	2.89E-06	2.25E-02	1.06E-02	9.15E-03	1.06E-04	1.06E-04	2.00E-02	1.01E-02	0.00E+00	1.41E-06	2.89E-06	1.01E-02
5410	487157.57, 3856901.7	4.03086	0.2779	0.01647	0.03461	1.72E-02	0.00E+00	1.40E-06	2.98E-06	1.72E-02	8.10E-03	8.75E-03	1.05E-04	1.09E-04	1.71E-02	7.70E-03	0.00E+00	1.40E-06	2.98E-06	7.70E-03
5411	487173.5, 3856853.74	3.5877	0.27	0.01619	0.03572	1.53E-02	0.00E+00	1.38E-06	3.08E-06	1.53E-02	7.21E-03	8.50E-03	1.03E-04	1.13E-04	1.59E-02	6.85E-03	0.00E+00	1.38E-06	3.08E-06	6.86E-03
5412	487564.41, 3856860.83	2.08474	0.24635	0.02284	0.03233	8.88E-03	0.00E+00	1.94E-06	2.78E-06	8.88E-03	4.19E-03	7.76E-03	1.46E-04	1.02E-04	1.22E-02	3.98E-03	0.00E+00	1.94E-06	2.78E-06	3.99E-03
5413	487563.31, 3856931.58	2.09541	0.25514	0.02382	0.03104	8.92E-03	0.00E+00	2.03E-06	2.67E-06	8.93E-03	4.21E-03	8.04E-03	1.52E-04	9.80E-05	1.25E-02	4.00E-03	0.00E+00	2.03E-06	2.67E-06	4.01E-03
5414	487782.7, 3856926.85	1.61088	0.24313	0.02947	0.03004	6.86E-03	0.00E+00	2.51E-06	2.59E-06	6.87E-03	3.24E-03	7.66E-03	1.88E-04	9.48E-05	1.12E-02	3.08E-03	0.00E+00	2.51E-06	2.59E-06	3.08E-03
5415	487782.39, 3856757.07	1.61797	0.22422	0.02577	0.03255	6.89E-03	0.00E+00	2.19E-06	2.80E-06	6.90E-03	3.25E-03	7.06E-03	1.64E-04	1.03E-04	1.06E-02	3.09E-03	0.00E+00	2.19E-06	2.80E-06	3.10E-03
5416	487917.26, 3856752.41	1.43829	0.21974	0.02429	0.03161	6.13E-03	0.00E+00	2.07E-06	2.72E-06	6.13E-03	2.89E-03	6.92E-03	1.55E-04	9.98E-05	1.01E-02	2.75E-03	0.00E+00	2.07E-06	2.72E-06	2.75E-03
5417	487919.57, 3856953.35	1.37823	0.24017	0.03026	0.02919	5.87E-03	0.00E+00	2.57E-06	2.51E-06	5.87E-03	2.77E-03	7.57E-03	1.93E-04	9.22E-05	1.06E-02	2.63E-03	0.00E+00	2.57E-06	2.51E-06	2.64E-03
5418	487932.76, 3857000.32	1.31509	0.24258	0.03185	0.02875	5.60E-03	0.00E+00	2.71E-06	2.48E-06	5.61E-03	2.64E-03	7.64E-03	2.03E-04	9.08E-05	1.06E-02	2.51E-03	0.00E+00	2.71E-06	2.48E-06	2.52E-03
5419	487960.5, 3857044.75	1.22736	0.24457	0.03321	0.02835	5.23E-03	0.00E+00	2.82E-06	2.44E-06	5.23E-03	2.47E-03	7.70E-03	2.12E-04	8.95E-05	1.05E-02	2.34E-03	0.00E+00	2.82E-06	2.44E-06	2.35E-03
5420	488016.54, 3857089.54	1.10991	0.24511	0.03391	0.02796	4.73E-03	0.00E+00	2.88E-06	2.41E-06	4.73E-03	2.23E-03	7.72E-03	2.16E-04	8.83E-05	1.03E-02	2.12E-03	0.00E+00	2.88E-06	2.41E-06	2.13E-03
5421	488114.39, 3857165.47	0.93078	0.24731	0.03615	0.02746	3.96E-03	0.00E+00	3.07E-06	2.36E-06	3.97E-03	1.87E-03	7.79E-03	2.31E-04	8.67E-05	9.98E-03	1.78E-03	0.00E+00	3.07E-06	2.36E-06	1.78E-03
5422	488171.49, 3857234.24	0.81068	0.25223	0.0409	0.02747	3.45E-03	0.00E+00	3.48E-06	2.37E-06	3.46E-03	1.63E-03	7.95E-03	2.61E-04	8.67E-05	9.92E-03	1.55E-03	0.00E+00	3.48E-06	2.37E-06	1.55E-03
5423	488193.16, 3857297.8	0.72366	0.25954	0.04652	0.0279	3.08E-03	0.00E+00	3.96E-06	2.40E-06	3.09E-03	1.45E-03	8.18E-03	2.97E-04	8.81E-05	1.00E-02	1.38E-03	0.00E+00	3.96E-06	2.40E-06	1.39E-03
5424	488189.27, 3857649.94	0.39041	0.31186	0.1216	0.03539	1.66E-03	0.00E+00	1.03E-05	3.05E-06	1.68E-03	7.84E-04	9.82E-03	7.76E-04	1.12E-04	1.15E-02	7.46E-04	0.00E+00	1.03E-05	3.05E-06	7.59E-04

5425	488127.43, 3857732.32	0.33923	0.32907	0.1622	0.03855	1.44E-03	0.00E+00	1.38E-05	3.32E-06	1.46E-03	6.81E-04	1.04E-02	1.03E-03	1.22E-04	1.22E-02	6.48E-04	0.00E+00	1.38E-05	3.32E-06	6.65E-04
5426	488149.93, 3857752.94	0.32791	0.33133	0.18043	0.03937	1.40E-03	0.00E+00	1.53E-05	3.39E-06	1.42E-03	6.59E-04	1.04E-02	1.15E-03	1.24E-04	1.24E-02	6.26E-04	0.00E+00	1.53E-05	3.39E-06	6.45E-04
5427	488144.76, 3857758.71	0.32483	0.33247	0.18395	0.03963	1.38E-03	0.00E+00	1.56E-05	3.41E-06	1.40E-03	6.52E-04	1.05E-02	1.17E-03	1.25E-04	1.24E-02	6.20E-04	0.00E+00	1.56E-05	3.41E-06	6.39E-04
5428	488335.58, 3857932.55	0.24719	0.36953	4.07941	0.04807	1.05E-03	0.00E+00	3.47E-04	4.14E-06	1.40E-03	4.96E-04	1.16E-02	2.60E-02	1.52E-04	3.83E-02	4.72E-04	0.00E+00	3.47E-04	4.14E-06	8.23E-04
5429	488372.29, 3857943.79	0.24343	0.37039	3.99269	0.04854	1.04E-03	0.00E+00	3.40E-04	4.18E-06	1.38E-03	4.89E-04	1.17E-02	2.55E-02	1.53E-04	3.78E-02	4.65E-04	0.00E+00	3.40E-04	4.18E-06	8.09E-04
5430	488828.64, 3857936.4	0.25027	0.33275	1.23422	0.04499	1.07E-03	0.00E+00	1.05E-04	3.87E-06	1.17E-03	5.03E-04	1.05E-02	7.87E-03	1.42E-04	1.90E-02	4.78E-04	0.00E+00	1.05E-04	3.87E-06	5.87E-04
5431	488829.08, 3857959.58	0.24341	0.33762	1.193	0.04592	1.04E-03	0.00E+00	1.01E-04	3.95E-06	1.14E-03	4.89E-04	1.06E-02	7.61E-03	1.45E-04	1.89E-02	4.65E-04	0.00E+00	1.01E-04	3.95E-06	5.70E-04
5432	488351.61, 3857964.55	0.23627	0.37816	4.37495	0.05005	1.01E-03	0.00E+00	3.72E-04	4.31E-06	1.38E-03	4.75E-04	1.19E-02	2.79E-02	1.58E-04	4.05E-02	4.51E-04	0.00E+00	3.72E-04	4.31E-06	8.28E-04
5433	488316.87, 3857947.65	0.24187	0.3753	4.50503	0.04918	1.03E-03	0.00E+00	3.83E-04	4.23E-06	1.42E-03	4.86E-04	1.18E-02	2.87E-02	1.55E-04	4.12E-02	4.62E-04	0.00E+00	3.83E-04	4.23E-06	8.49E-04
5434	488129.1, 3857775.77	0.31572	0.3365	0.19512	0.04044	1.34E-03	0.00E+00	1.66E-05	3.48E-06	1.36E-03	6.34E-04	1.06E-02	1.24E-03	1.28E-04	1.26E-02	6.03E-04	0.00E+00	1.66E-05	3.48E-06	6.23E-04
5435	488062.53, 3857846.13	0.28236	0.35825	0.25263	0.0443	1.20E-03	0.00E+00	2.15E-05	3.81E-06	1.23E-03	5.67E-04	1.13E-02	1.61E-03	1.40E-04	1.36E-02	5.39E-04	0.00E+00	2.15E-05	3.81E-06	5.65E-04
5436	488330.41, 3858091.34	0.20375	0.41807	1.81725	0.05967	8.68E-04	0.00E+00	1.55E-04	5.14E-06	1.03E-03	4.09E-04	1.32E-02	1.16E-02	1.88E-04	2.54E-02	3.89E-04	0.00E+00	1.55E-04	5.14E-06	5.49E-04
5437	488470.87, 3858174.45	0.18429	0.43528	0.73295	0.06321	7.85E-04	0.00E+00	6.23E-05	5.44E-06	8.53E-04	3.70E-04	1.37E-02	4.68E-03	2.00E-04	1.90E-02	3.52E-04	0.00E+00	6.23E-05	5.44E-06	4.20E-04
5438	488568.9, 3858262.31	0.16653	0.46305	0.35644	0.0662	7.09E-04	0.00E+00	3.03E-05	5.70E-06	7.45E-04	3.34E-04	1.46E-02	2.27E-03	2.09E-04	1.74E-02	3.18E-04	0.00E+00	3.03E-05	5.70E-06	3.54E-04
5439	488964.27, 3858025.71	0.22544	0.34189	0.79208	0.04687	9.60E-04	0.00E+00	6.74E-05	4.04E-06	1.03E-03	4.53E-04	1.08E-02	5.05E-03	1.48E-04	1.64E-02	4.31E-04	0.00E+00	6.74E-05	4.04E-06	5.02E-04
5440	489147.25, 3857956.64	0.24362	0.31129	0.69256	0.04283	1.04E-03	0.00E+00	5.89E-05	3.69E-06	1.10E-03	4.89E-04	9.81E-03	4.42E-03	1.35E-04	1.48E-02	4.65E-04	0.00E+00	5.89E-05	3.69E-06	5.28E-04
5441	489343.52, 3857932.45	0.24699	0.29081	0.55226	0.04046	1.05E-03	0.00E+00	4.70E-05	3.48E-06	1.10E-03	4.96E-04	9.16E-03	3.52E-03	1.28E-04	1.33E-02	4.72E-04	0.00E+00	4.70E-05	3.48E-06	5.22E-04
5442	489866.19, 3857923.19	0.23403	0.25676	0.34038	0.03769	9.97E-04	0.00E+00	2.89E-05	3.25E-06	1.03E-03	4.70E-04	8.09E-03	2.17E-03	1.19E-04	1.08E-02	4.47E-04	0.00E+00	2.89E-05	3.25E-06	4.79E-04
5443	489955.65, 3857902.27	0.23515	0.24755	0.32465	0.03711	1.00E-03	0.00E+00	2.76E-05	3.20E-06	1.03E-03	4.72E-04	7.80E-03	2.07E-03	1.17E-04	1.05E-02	4.49E-04	0.00E+00	2.76E-05	3.20E-06	4.80E-04
5444	490079.44, 3857847.9	0.23968	0.23767	0.30968	0.03591	1.02E-03	0.00E+00	2.63E-05	3.09E-06	1.05E-03	4.81E-04	7.49E-03	1.98E-03	1.13E-04	1.01E-02	4.58E-04	0.00E+00	2.63E-05	3.09E-06	4.87E-04
5445	490108.49, 3857934.13	0.22361	0.24676	0.28502	0.03747	9.52E-04	0.00E+00	2.42E-05	3.23E-06	9.80E-04	4.49E-04	7.77E-03	1.82E-03	1.18E-04	1.02E-02	4.27E-04	0.00E+00	2.42E-05	3.23E-06	4.55E-04
5446	489884.48, 3858014.17	0.21705	0.27004	0.30148	0.03957	9.24E-04	0.00E+00	2.56E-05	3.41E-06	9.53E-04	4.36E-04	8.51E-03	1.92E-03	1.25E-04	1.10E-02	4.15E-04	0.00E+00	2.56E-05	3.41E-06	4.44E-04
5447	489326.56, 3858025.86	0.22563	0.30981	0.48459	0.04282	9.61E-04	0.00E+00	4.12E-05	3.69E-06	1.01E-03	4.53E-04	9.76E-03	3.09E-03	1.35E-04	1.34E-02	4.31E-04	0.00E+00	4.12E-05	3.69E-06	4.76E-04
5448	489130.38, 3858056.71	0.2197	0.33134	0.56806	0.04578	9.36E-04	0.00E+00	4.83E-05	3.94E-06	9.88E-04	4.41E-04	1.04E-02	3.62E-03	1.45E-04	1.46E-02	4.20E-04	0.00E+00	4.83E-05	3.94E-06	4.72E-04
5449	488936.49, 3858143.93	0.19536	0.37314	0.53068	0.05141	8.32E-04	0.00E+00	4.51E-05	4.43E-06	8.82E-04	3.92E-04	1.18E-02	3.38E-03	1.62E-04	1.57E-02	3.73E-04	0.00E+00	4.51E-05	4.43E-06	4.23E-04
5450	488638.08, 3858327.45	0.15675	0.4764	0.2352	0.06772	6.68E-04	0.00E+00	2.00E-05	5.83E-06	6.93E-04	3.15E-04	1.50E-02	1.50E-03	2.14E-04	1.70E-02	2.99E-04	0.00E+00	2.00E-05	5.83E-06	3.25E-04
5451	488663.79, 3858349.57	0.15378	0.47971	0.20822	0.06806	6.55E-04	0.00E+00	1.77E-05	5.86E-06	6.78E-04	3.09E-04	1.51E-02	1.33E-03	2.15E-04	1.70E-02	2.94E-04	0.00E+00	1.77E-05	5.86E-06	3.17E-04
5452	488694.56, 3858349.5	0.1535	0.47365	0.21454	0.06692	6.54E-04	0.00E+00	1.82E-05	5.76E-06	6.78E-04	3.08E-04	1.49E-02	1.37E-03	2.11E-04	1.68E-02	2.93E-04	0.00E+00	1.82E-05	5.76E-06	3.17E-04
5453	488694.35, 3858336.75	0.15514	0.46885	0.2323	0.0662	6.61E-04	0.00E+00	1.98E-05	5.70E-06	6.86E-04	3.12E-04	1.48E-02	1.48E-03	2.09E-04	1.68E-02	2.96E-04	0.00E+00	1.98E-05	5.70E-06	3.22E-04
5454	488712.81, 3858336.38	0.1551	0.46523	0.23538	0.06555	6.61E-04	0.00E+00	2.00E-05	5.64E-06	6.86E-04	3.12E-04	1.47E-02	1.50E-03	2.07E-04	1.67E-02	2.96E-04	0.00E+00	2.00E-05	5.64E-06	3.22E-04
5455	488713.23, 3858367.46	0.15109	0.47714	0.19494	0.06728	6.43E-04	0.00E+00	1.66E-05	5.79E-06	6.66E-04	3.03E-04	1.50E-02	1.24E-03	2.12E-04	1.68E-02	2.89E-04	0.00E+00	1.66E-05	5.79E-06	3.11E-04
5456	488704.63, 3858384.05	0.14916	0.48567	0.17433	0.06853	6.35E-04	0.00E+00	1.48E-05	5.90E-06	6.56E-04	3.00E-04	1.53E-02	1.11E-03	2.16E-04	1.69E-02	2.85E-04	0.00E+00	1.48E-05	5.90E-06	3.06E-04
5457	488604.15, 3858488.29	0.14051	0.55632	0.07811	0.07863	5.98E-04	0.00E+00	6.64E-06	6.77E-06	6.12E-04	2.82E-04	1.75E-02	4.98E-04	2.48E-04	1.86E-02	2.68E-04	0.00E+00	6.64E-06	6.77E-06	2.82E-04
5458	488605.66, 3858550.47	0.13487	0.59424	0.05791	0.08102	5.74E-04	0.00E+00	4.93E-06	6.98E-06	5.86E-04	2.71E-04	1.87E-02	3.69E-04	2.56E-04	1.96E-02	2.58E-04	0.00E+00	4.93E-06	6.98E-06	2.69E-04
5459	488692.68, 3858548.71	0.13345	0.57462	0.06739	0.07678	5.68E-04	0.00E+00	5.73E-06	6.61E-06	5.81E-04	2.68E-04	1.81E-02	4.30E-04	2.42E-04	1.90E-02	2.55E-04	0.00E+00	5.73E-06	6.61E-06	2.67E-04
5460	488759.93, 3858461.81	0.1402	0.50913	0.11802	0.0705	5.97E-04	0.00E+00	1.00E-05	6.07E-06	6.13E-04	2.82E-04	1.60E-02	7.53E-04	2.23E-04	1.73E-02	2.68E-04	0.00E+00	1.00E-05	6.07E-06	2.84E-04
5461	488816.57, 3858541.79	0.13197	0.54483	0.08412	0.07161	5.62E-04	0.00E+00	7.15E-06	6.17E-06	5.75E-04	2.65E-04	1.72E-02	5.37E-04	2.26E-04	1.82E-02	2.52E-04	0.00E+00	7.15E-06	6.17E-06	2.65E-04
5462	488944.63, 3858656.77	0.12116	0.61806	0.0603	0.07257	5.16E-04	0.00E+00	5.13E-06	6.25E-06	5.27E-04	2.43E-04	1.95E-02	3.85E-04	2.29E-04	2.03E-02	2.31E-04	0.00E+00	5.13E-06	6.25E-06	2.43E-04
5463	489134.91, 3858830.7	0.10754	0.7702	0.04151	0.08093	4.58E-04	0.00E+00	3.53E-06	6.97E-06	4.68E-04	2.16E-04	2.43E-02	2.65E-04	2.56E-04	2.50E-02	2.05E-04	0.00E+00	3.53E-06	6.97E-06	2.16E-04
5464	489193.99, 3858886.05	0.10376	0.81124	0.03771	0.08557	4.42E-04	0.00E+00	3.21E-06	7.37E-06	4.52E-04	2.08E-04	2.56E-02	2.41E-04	2.70E-04	2.63E-02	1.98E-04	0.00E+00	3.21E-06	7.37E-06	2.09E-04
5465	489295.2, 3858954.34	0.09893	0.82526	0.03454	0.09001	4.21E-04	0.00E+00	2.94E-06	7.75E-06	4.32E-04	1.99E-04	2.60E-02	2.20E-04	2.84E-04	2.67E-02	1.89E-04	0.00E+00	2.94E-06	7.75E-06	2.00E-04
5466	489295.64, 3858992.74	0.09715	0.86226	0.03182	0.09408	4.14E-04	0.00E+00	2.71E-06	8.10E-06	4.25E-04	1.95E-04	2.72E-02	2.03E-04	2.97E-04	2.79E-02	1.86E-04	0.00E+00	2.71E-06	8.10E-06	1.96E-04
5467	489183.74, 3858911.72	0.10266	0.85079	0.03517	0.0886	4.37E-04	0.00E+00	2.99E-06	7.63E-06	4.48E-04	2.06E-04	2.68E-02	2.24E-04	2.80E-04	2.75E-02	1.96E-04	0.00E+00	2.99E-06	7.63E-06	2.07E-04
5468	488873.37, 3858625.59	0.12454	0.60147	0.06263	0.07286	5.30E-04	0.00E+00	5.33E-06	6.27E-06	5.42E-04	2.50E-04	1.89E-02	3.99E-04	2.30E-04	1.98E-02	2.38E-04	0.00E+00	5.33E-06	6.27E-06	2.49E-04
5469	488842.84, 3858658.69	0.12258	0.64516	0.05287	0.0754	5.22E-04	0.00E+00	4.50E-06	6.49E-06	5.33E-04	2.46E-04	2.03E-02	3.37E-04	2.38E-04	2.11E-02	2.34E-04	0.00E+00	4.50E-06	6.49E-06	2.45E-04
5470	488856.39, 3858670.93	0.12162	0.65528	0.05147	0.07562	5.18E-04	0.00E+00	4.38E-06	6.51E-06	5.29E-04	2.44E-04	2.06E-02	3.28E-04	2.39E-04	2.15E-02	2.32E-04	0.00E+00	4.38E-06	6.51E-06	2.43E-04
5471	488805.7, 3858724.5	0.11877	0.74979	0.04018	0.08044	5.06E-04	0.00E+00	3.42E-06	6.93E-06	5.16E-04	2.39E-04	2.36E-02	2.56E-04	2.54E-04	2.44E-02	2.27E-04	0.00E+00	3.42E-06	6.93E-06	2.37E-04
5472	488805.87, 3858804.16	0.11334	0.9189	0.03201	0.08674	4.83E-04	0.00E+00	2.72E-06	7.47E-06	4.93E-04	2.28E-04	2.89E-02	2.04E-04	2.74E-04	2.97E-02	2.16E-04	0.00E+00	2.72E-06	7.47E-06	2.27E-04
5473	488995.78, 3858936.96	0.10373	1.07313	0.0281	0.09617	4.42E-04	0.00E+00	2.39E-06	8.28E-06	4.52E-04	2.08E-04	3.38E-02	1.79E-04	3.04E-04	3.45E-02	1.98E-04	0.00E+00	2.39E-06	8.28E-06	2.09E-04
5474	489130.76, 3859017.38	0.0984	1.03793	0.02676	0.10343	4.19E-04	0.00E+00	2.28E-06	8.91E-06	4.30E-04	1.98E-04	3.27E-02	1.71E-04	3.27E-04	3.34E-02	1.88E-04	0.00E+00	2.28E-06	8.91E-06	1.99E-04
5475	489130.92, 3859052.24	0.09679	1.07384	0.02504	0.10854	4.12E-04	0.00E+00	2.13E-06	9.35E-06	4.24E-04	1.94E-04	3.38E-02	1.60E-04	3.43E-04	3.45E-02	1.85E-04	0.00E+00	2.13E-06	9.35E-06	1.96E-04
5476	489200.33, 3859090.6	0.09426	1.02859	0.02462	0.11097	4.01E-04	0.00E+00	2.09E-06	9.56E-06	4.13E-04	1.89E-04	3.24E-02	1.57E-04	3.50E-04	3.31E-02	1.80E-04	0.00E+00	2.09E-06	9.56E-06	1.92E-04
5477	489296.07, 3859143.7	0.09087	0.96627	0.02404	0.11395	3.87E-04	0.00E+00	2.04E-06	9.81E-06	3.99E-04	1.83E-04	3.04E-02	1.53E-04	3.60E-04	3.11E-02	1.74E-04	0.00E+00	2.04E-06	9.81E-06	1.85E-04
5478	489296.43, 3858954.74	0.09889	0.82487	0.03454	0.09001	4.21E-04	0.00E+00	2.94E-06	7.75E-06	4.32E-04	1.99E-04	2.60E-02	2.20E-04	2.84E-04	2.67E-02	1.89E-04	0.00E+00	2.94E-06	7.75E-06	2.00E-04
5479	489410.33, 3859033.19	0.09385	0.81194	0.03152	0.09417	4.00E-04	0.00E+00	2.68E-06	8.11E-06	4.10E-04	1.89E-04	2.56E-02	2.01E-04	2.97E-04	2.63E-02	1.79E-04	0.00E+00	2.68E-06	8.11E-06	1.90E-04
5480	489371.37, 3859089.8	0.09202	0.87513	0.02772	0.10251	3.92E-04	0.00E+00	2.36E-06	8.83E-06	4.03E-04	1.85E-04	2.76E-02	1.77E-04	3.24E-04	2.83E-02	1.76E-04	0.00E+00	2.36E-06	8.83E-06	1.87E-04
5481	489390.52, 3859102.82	0.09124	0.8677	0.0274	0.10332	3.89E-04	0.00E+00	2.33E-06	8.90E-06	4.00E-04	1.83E-04	2.73E-02	1.75E-04	3.26E-04	2.80E-02	1.74E-04	0.00E+00	2.33E-06	8.90E-06	1.85E-04
5482	489382.3, 3859114.53	0.09092	0.87893	0.02673	0.10523	3.87E-04	0.00E+00	2.27E-06	9.06E-06	3.99E-04	1.83E-04	2.77E-02	1.70E-04	3.32E-04	2.84E-02	1.74E-04	0.00E+00	2.27E-06	9.06E-06	1.85E-04
5483	489363.04, 3859102.45	0.09167	0.88751	0.02699	0.10454	3.90E-04	0.00E+00	2.30E-06	9.00E-06	4.02E-04	1.84E-04	2.80E-02	1.72E-04	3.30E-04	2.86E-02	1.75E-04	0.00E+00	2.30E-06	9.00E-06	1.86E-04

5484	489337.52, 3859140.71	0.09047	0.92852	0.02484	0.1112	3.85E-04	0.00E+00	2.11E-06	9.58E-06	3.97E-04	1.82E-04	2.92E-02	1.58E-04	3.51E-04	2.99E-02	1.73E-04	0.00E+00	2.11E-06	9.58E-06	1.84E-04
5485	489375.14, 3859164.55	0.08909	0.90601	0.02447	0.1124	3.79E-04	0.00E+00	2.08E-06	9.68E-06	3.91E-04	1.79E-04	2.85E-02	1.56E-04	3.55E-04	2.92E-02	1.70E-04	0.00E+00	2.08E-06	9.68E-06	1.82E-04
5486	489409.3, 3859114.5	0.09052	0.85951	0.02714	0.10394	3.85E-04	0.00E+00	2.31E-06	8.95E-06	3.97E-04	1.82E-04	2.71E-02	1.73E-04	3.28E-04	2.78E-02	1.73E-04	0.00E+00	2.31E-06	8.95E-06	1.84E-04
5487	489434.87, 3859131.81	0.08955	0.84734	0.02676	0.10483	3.81E-04	0.00E+00	2.28E-06	9.03E-06	3.93E-04	1.80E-04	2.67E-02	1.71E-04	3.31E-04	2.74E-02	1.71E-04	0.00E+00	2.28E-06	9.03E-06	1.82E-04
5488	489471.87, 3859075.75	0.09131	0.79569	0.03012	0.09646	3.89E-04	0.00E+00	2.56E-06	8.31E-06	4.00E-04	1.83E-04	2.51E-02	1.92E-04	3.05E-04	2.57E-02	1.74E-04	0.00E+00	2.56E-06	8.31E-06	1.85E-04
5489	489602.62, 3859164.69	0.08623	0.75058	0.02758	0.0994	3.67E-04	0.00E+00	2.35E-06	8.56E-06	3.78E-04	1.73E-04	2.36E-02	1.76E-04	3.14E-04	2.43E-02	1.65E-04	0.00E+00	2.35E-06	8.56E-06	1.76E-04
5490	489558.29, 3859232.45	0.08439	0.78963	0.02441	0.10787	3.59E-04	0.00E+00	2.08E-06	9.29E-06	3.71E-04	1.70E-04	2.49E-02	1.56E-04	3.41E-04	2.55E-02	1.61E-04	0.00E+00	2.08E-06	9.29E-06	1.73E-04
5491	489620.11, 3859273.56	0.08218	0.75909	0.02365	0.10661	3.50E-04	0.00E+00	2.01E-06	9.18E-06	3.61E-04	1.65E-04	2.39E-02	1.51E-04	3.37E-04	2.46E-02	1.57E-04	0.00E+00	2.01E-06	9.18E-06	1.68E-04
5492	489666.06, 3859206.42	0.08392	0.7265	0.02653	0.09917	3.57E-04	0.00E+00	2.26E-06	8.54E-06	3.68E-04	1.69E-04	2.29E-02	1.69E-04	3.13E-04	2.35E-02	1.60E-04	0.00E+00	2.26E-06	8.54E-06	1.71E-04
5493	489787.9, 3859285.65	0.07986	0.67686	0.02478	0.09615	3.40E-04	0.00E+00	2.11E-06	8.28E-06	3.50E-04	1.60E-04	2.13E-02	1.58E-04	3.04E-04	2.19E-02	1.53E-04	0.00E+00	2.11E-06	8.28E-06	1.63E-04
5494	489752.17, 3859343.13	0.07841	0.69367	0.02272	0.1011	3.34E-04	0.00E+00	1.93E-06	8.71E-06	3.45E-04	1.57E-04	2.19E-02	1.45E-04	3.19E-04	2.25E-02	1.50E-04	0.00E+00	1.93E-06	8.71E-06	1.60E-04
5495	489814.94, 3859385.33	0.07645	0.6651	0.02205	0.09882	3.26E-04	0.00E+00	1.88E-06	8.51E-06	3.36E-04	1.54E-04	2.10E-02	1.41E-04	3.12E-04	2.16E-02	1.46E-04	0.00E+00	1.88E-06	8.51E-06	1.56E-04
5496	489853.42, 3859330.74	0.07771	0.65104	0.02386	0.0941	3.31E-04	0.00E+00	2.03E-06	8.10E-06	3.41E-04	1.56E-04	2.05E-02	1.52E-04	2.97E-04	2.11E-02	1.48E-04	0.00E+00	2.03E-06	8.10E-06	1.59E-04
5497	489969.5, 3859401.91	0.07439	0.60777	0.02262	0.09002	3.17E-04	0.00E+00	1.92E-06	7.75E-06	3.26E-04	1.49E-04	1.91E-02	1.44E-04	2.84E-04	1.97E-02	1.42E-04	0.00E+00	1.92E-06	7.75E-06	1.52E-04
5498	490166.91, 3859486.96	0.07013	0.54976	0.02149	0.08126	2.99E-04	0.00E+00	1.83E-06	7.00E-06	3.07E-04	1.41E-04	1.73E-02	1.37E-04	2.57E-04	1.79E-02	1.34E-04	0.00E+00	1.83E-06	7.00E-06	1.43E-04
5499	490128.86, 3859571.46	0.06794	0.55835	0.01945	0.08334	2.89E-04	0.00E+00	1.65E-06	7.18E-06	2.98E-04	1.36E-04	1.76E-02	1.24E-04	2.63E-04	1.81E-02	1.30E-04	0.00E+00	1.65E-06	7.18E-06	1.39E-04
5500	490186.65, 3859593.65	0.0669	0.5432	0.01927	0.07998	2.85E-04	0.00E+00	1.64E-06	6.89E-06	2.93E-04	1.34E-04	1.71E-02	1.23E-04	2.53E-04	1.76E-02	1.28E-04	0.00E+00	1.64E-06	6.89E-06	1.36E-04
5501	490223.74, 3859517.48	0.06887	0.53469	0.02107	0.07859	2.93E-04	0.00E+00	1.79E-06	6.77E-06	3.02E-04	1.38E-04	1.68E-02	1.34E-04	2.48E-04	1.74E-02	1.32E-04	0.00E+00	1.79E-06	6.77E-06	1.40E-04
5502	490846.34, 3859817.22	0.05892	0.40332	0.01835	0.05037	2.51E-04	0.00E+00	1.56E-06	4.34E-06	2.57E-04	1.18E-04	1.27E-02	1.17E-04	1.59E-04	1.31E-02	1.13E-04	0.00E+00	1.56E-06	4.34E-06	1.18E-04
5503	490925.65, 3859844.59	0.05819	0.38881	0.0182	0.04787	2.48E-04	0.00E+00	1.55E-06	4.12E-06	2.53E-04	1.17E-04	1.22E-02	1.16E-04	1.51E-04	1.26E-02	1.11E-04	0.00E+00	1.55E-06	4.12E-06	1.17E-04
5504	491159.29, 3859896.28	0.05649	0.35789	0.01795	0.04241	2.41E-04	0.00E+00	1.53E-06	3.65E-06	2.46E-04	1.13E-04	1.13E-02	1.14E-04	1.34E-04	1.16E-02	1.08E-04	0.00E+00	1.53E-06	3.65E-06	1.13E-04
5505	491370.69, 3859960.89	0.05445	0.33107	0.01717	0.03812	2.32E-04	0.00E+00	1.46E-06	3.28E-06	2.37E-04	1.09E-04	1.04E-02	1.10E-04	1.20E-04	1.08E-02	1.04E-04	0.00E+00	1.46E-06	3.28E-06	1.09E-04
5506	491330.28, 3860063.17	0.05125	0.32882	0.01548	0.03644	2.18E-04	0.00E+00	1.32E-06	3.14E-06	2.23E-04	1.03E-04	1.04E-02	9.87E-05	1.15E-04	1.07E-02	9.79E-05	0.00E+00	1.32E-06	3.14E-06	1.02E-04
5507	491636.45, 3860180.75	0.04877	0.28456	0.01487	0.03046	2.08E-04	0.00E+00	1.26E-06	2.62E-06	2.12E-04	9.80E-05	8.96E-03	9.48E-05	9.62E-05	9.25E-03	9.31E-05	0.00E+00	1.26E-06	2.62E-06	9.70E-05
5508	491617.94, 3860203.93	0.04815	0.28394	0.01455	0.03004	2.05E-04	0.00E+00	1.24E-06	2.59E-06	2.09E-04	9.67E-05	8.94E-03	9.28E-05	9.48E-05	9.23E-03	9.20E-05	0.00E+00	1.24E-06	2.59E-06	9.58E-05
5509	491805.68, 3860271.59	0.0468	0.26004	0.01422	0.02713	1.99E-04	0.00E+00	1.21E-06	2.34E-06	2.03E-04	9.40E-05	8.19E-03	9.07E-05	8.57E-05	8.46E-03	8.94E-05	0.00E+00	1.21E-06	2.34E-06	9.29E-05
5510	491654.23, 3860414.02	0.04389	0.25542	0.01256	0.02455	1.87E-04	0.00E+00	1.07E-06	2.11E-06	1.90E-04	8.82E-05	8.05E-03	8.01E-05	7.75E-05	8.29E-03	8.38E-05	0.00E+00	1.07E-06	2.11E-06	8.70E-05
5511	491592.62, 3860510.76	0.04207	0.24597	0.01165	0.02235	1.79E-04	0.00E+00	9.91E-07	1.92E-06	1.82E-04	8.45E-05	7.75E-03	7.43E-05	7.06E-05	7.98E-03	8.04E-05	0.00E+00	9.91E-07	1.92E-06	8.33E-05
5512	491475.41, 3860368.93	0.04439	0.27522	0.01248	0.02617	1.89E-04	0.00E+00	1.06E-06	2.25E-06	1.92E-04	8.92E-05	8.67E-03	7.96E-05	8.26E-05	8.92E-03	8.48E-05	0.00E+00	1.06E-06	2.25E-06	8.81E-05
5513	491445.61, 3860337.28	0.04497	0.28243	0.01269	0.02717	1.92E-04	0.00E+00	1.08E-06	2.34E-06	1.95E-04	9.03E-05	8.90E-03	8.09E-05	8.58E-05	9.15E-03	8.59E-05	0.00E+00	1.08E-06	2.34E-06	8.93E-05
5514	491399.05, 3860300.37	0.04576	0.29252	0.01294	0.02857	1.95E-04	0.00E+00	1.10E-06	2.46E-06	1.98E-04	9.19E-05	9.21E-03	8.25E-05	9.02E-05	9.48E-03	8.74E-05	0.00E+00	1.10E-06	2.46E-06	9.10E-05
5515	491228.84, 3860235.98	0.04723	0.32025	0.01324	0.03188	2.01E-04	0.00E+00	1.13E-06	2.75E-06	2.05E-04	9.49E-05	1.01E-02	8.45E-05	1.01E-04	1.04E-02	9.02E-05	0.00E+00	1.13E-06	2.75E-06	9.41E-05
5516	491228.47, 3860174.57	0.04851	0.32883	0.01384	0.03396	2.07E-04	0.00E+00	1.18E-06	2.92E-06	2.11E-04	9.74E-05	1.04E-02	8.83E-05	1.07E-04	1.07E-02	9.27E-05	0.00E+00	1.18E-06	2.92E-06	9.68E-05
5517	491145.77, 3860112.55	0.05012	0.34725	0.01439	0.03719	2.13E-04	0.00E+00	1.22E-06	3.20E-06	2.18E-04	1.01E-04	1.09E-02	9.18E-05	1.17E-04	1.12E-02	9.57E-05	0.00E+00	1.22E-06	3.20E-06	1.00E-04
5518	490844.41, 3859966.22	0.05473	0.40366	0.01576	0.04635	2.33E-04	0.00E+00	1.34E-06	3.99E-06	2.38E-04	1.10E-04	1.27E-02	1.01E-04	1.46E-04	1.31E-02	1.05E-04	0.00E+00	1.34E-06	3.99E-06	1.10E-04
5519	490845.55, 3859928.15	0.05565	0.40499	0.01629	0.0474	2.37E-04	0.00E+00	1.39E-06	4.08E-06	2.42E-04	1.12E-04	1.28E-02	1.04E-04	1.50E-04	1.31E-02	1.06E-04	0.00E+00	1.39E-06	4.08E-06	1.12E-04
5520	490046.91, 3859625.6	0.06747	0.57742	0.01823	0.08735	2.87E-04	0.00E+00	1.55E-06	7.52E-06	2.96E-04	1.36E-04	1.82E-02	1.16E-04	2.76E-04	1.87E-02	1.29E-04	0.00E+00	1.55E-06	7.52E-06	1.38E-04
5521	489970.48, 3859589.4	0.06921	0.59937	0.01855	0.09286	2.95E-04	0.00E+00	1.58E-06	8.00E-06	3.04E-04	1.39E-04	1.89E-02	1.18E-04	2.93E-04	1.94E-02	1.32E-04	0.00E+00	1.58E-06	8.00E-06	1.42E-04
5522	489865.89, 3859529.06	0.07198	0.63477	0.01918	0.1002	3.07E-04	0.00E+00	1.63E-06	8.63E-06	3.17E-04	1.45E-04	2.00E-02	1.22E-04	3.16E-04	2.06E-02	1.37E-04	0.00E+00	1.63E-06	8.63E-06	1.48E-04
5523	489826.89, 3859531.74	0.07236	0.64754	0.0189	0.10327	3.08E-04	0.00E+00	1.61E-06	8.89E-06	3.19E-04	1.45E-04	2.04E-02	1.21E-04	3.26E-04	2.10E-02	1.38E-04	0.00E+00	1.61E-06	8.89E-06	1.49E-04
5524	489410.47, 3859303.06	0.08351	0.90089	0.02031	0.12584	3.56E-04	0.00E+00	1.73E-06	1.08E-05	3.68E-04	1.68E-04	2.84E-02	1.30E-04	3.97E-04	2.91E-02	1.59E-04	0.00E+00	1.73E-06	1.08E-05	1.72E-04
5525	489407.15, 3859286.09	0.08418	0.90332	0.02076	0.12444	3.58E-04	0.00E+00	1.77E-06	1.07E-05	3.71E-04	1.69E-04	2.85E-02	1.32E-04	3.93E-04	2.91E-02	1.61E-04	0.00E+00	1.77E-06	1.07E-05	1.73E-04
5526	488806.07, 3858963.62	0.10225	1.55773	0.02307	0.10508	4.35E-04	0.00E+00	1.96E-06	9.05E-06	4.46E-04	2.05E-04	4.91E-02	1.47E-04	3.32E-04	4.98E-02	1.95E-04	0.00E+00	1.96E-06	9.05E-06	2.06E-04
5527	488817.64, 3859546.3	0.06954	1.81382	0.01113	0.28599	2.96E-04	0.00E+00	9.47E-07	2.46E-05	3.22E-04	1.40E-04	5.71E-02	7.10E-05	9.03E-04	5.82E-02	1.33E-04	0.00E+00	9.47E-07	2.46E-05	1.58E-04
5528	489187.25, 3859549.52	0.07173	0.99961	0.01444	0.1947	3.05E-04	0.00E+00	1.23E-06	1.68E-05	3.23E-04	1.44E-04	3.15E-02	9.21E-05	6.15E-04	3.23E-02	1.37E-04	0.00E+00	1.23E-06	1.68E-05	1.55E-04
5529	489187.66, 3859523.74	0.07294	1.0229	0.01475	0.18978	3.11E-04	0.00E+00	1.25E-06	1.63E-05	3.28E-04	1.47E-04	3.22E-02	9.41E-05	5.99E-04	3.31E-02	1.39E-04	0.00E+00	1.25E-06	1.63E-05	1.57E-04
5530	489232.59, 3859522.85	0.07345	0.97787	0.01503	0.18023	3.13E-04	0.00E+00	1.28E-06	1.55E-05	3.30E-04	1.48E-04	3.08E-02	9.59E-05	5.69E-04	3.16E-02	1.40E-04	0.00E+00	1.28E-06	1.55E-05	1.57E-04
5531	489224.98, 3859759.91	0.06329	0.85358	0.01245	0.18951	2.70E-04	0.00E+00	1.06E-06	1.63E-05	2.87E-04	1.27E-04	2.69E-02	7.94E-05	5.98E-04	2.77E-02	1.21E-04	0.00E+00	1.06E-06	1.63E-05	1.38E-04
5532	488401.39, 3859763.34	0.05973	2.39445	0.00907	0.55229	2.54E-04	0.00E+00	7.71E-07	4.76E-05	3.03E-04	1.20E-04	7.54E-02	5.79E-05	1.74E-03	7.73E-02	1.14E-04	0.00E+00	7.71E-07	4.76E-05	1.62E-04
5533	488405.51, 3859966.16	0.05377	2.44999	0.00843	0.15959	2.29E-04	0.00E+00	7.17E-07	1.37E-05	2.43E-04	1.08E-04	7.72E-02	5.38E-05	5.04E-04	7.78E-02	1.03E-04	0.00E+00	7.17E-07	1.37E-05	1.17E-04
5534	489202.85, 3859956.57	0.057	0.91755	0.01039	0.1669	2.43E-04	0.00E+00	8.84E-07	1.44E-05	2.58E-04	1.14E-04	2.89E-02	6.63E-05	5.27E-04	2.96E-02	1.09E-04	0.00E+00	8.84E-07	1.44E-05	1.24E-04
5535	489191.9, 3860676.74	0.0409	0.65307	0.00611	0.03704	1.74E-04	0.00E+00	5.20E-07	3.19E-06	1.78E-04	8.21E-05	2.06E-02	3.90E-05	1.17E-04	2.08E-02	7.81E-05	0.00E+00	5.20E-07	3.19E-06	8.18E-05
5536	488392.82, 3860687.88	0.03872	0.63304	0.00731	0.03539	1.65E-04	0.00E+00	6.22E-07	3.05E-06	1.69E-04	7.78E-05	1.99E-02	4.66E-05	1.12E-04	2.02E-02	7.40E-05	0.00E+00	6.22E-07	3.05E-06	7.76E-05
5537	488392.82, 3860760.27	0.03782	0.46637	0.00727	0.02872	1.61E-04	0.00E+00	6.18E-07	2.47E-06	1.64E-04	7.60E-05	1.47E-02	4.64E-05	9.07E-05	1.49E-02	7.22E-05	0.00E+00	6.18E-07	2.47E-06	7.53E-05
5538	487549.05, 3860777.45	0.03637	0.26236	0.00683	0.01768	1.55E-04	0.00E+00	5.81E-07	1.52E-06	1.57E-04	7.31E-05	8.26E-03	4.36E-05	5.58E-05	8.44E-03	6.95E-05	0.00E+00	5.81E-07	1.52E-06	7.16E-05
5539	487554.62, 3859571.83	0.0622	1.06065	0.00929	0.06608	2.65E-04	0.00E+00	7.90E-07	5.69E-06	2.71E-04	1.25E-04	3.34E-02	5.93E-05	2.09E-04	3.38E-02	1.19E-04	0.00E+00	7.90E-07	5.69E-06	1.25E-04
5540	485949.46, 3859558.54	0.06157	0.24459	0.01444	0.01752	2.62E-04	0.00E+00	1.23E-06	1.51E-06	2.65E-04	1.24E-04	7.70E-03	9.21E-05	5.53E-05	7.98E-03	1.18E-04	0.00E+00	1.23E-06	1.51E-06	1.20E-04
5541	485947.55, 3857943.61	0.1938	0.55837	0.02088	0.02399	8.25E-04	0.00E+00	1.78E-06	2.07E-06	8.29E-04	3.89E-04	1.76E-02	1.33E-04	7.57E-05	1.82E-02	3.70E-04	0.00E+00	1.78E-06	2.07E-06	3.74E-04
5542	484738.38, 3857940.21	0.14741	0.25529	0.01357	0.01573	6.28E-04	0.00E+00	1.15E-06	1.35E-06	6.30E-04	2.96E-04	8.04E-03	8.66E-05	4.97E-05	8.47E-03	2.82E-04	0.00E+00	1.15E-06	1.35E-06	2.84E-04

5543	484737.06, 3857535.68	0.18978	0.47157	0.01368	0.01965	8.08E-04	0.00E+00	1.16E-06	1.69E-06	8.11E-04	3.81E-04	1.49E-02	8.73E-05	6.20E-05	1.54E-02	3.62E-04	0.00E+00	1.16E-06	1.69E-06	3.65E-04
5544	483730.2, 3857530.13	0.13253	0.24707	0.0104	0.01873	5.64E-04	0.00E+00	8.84E-07	1.61E-06	5.67E-04	2.66E-04	7.78E-03	6.63E-05	5.91E-05	8.17E-03	2.53E-04	0.00E+00	8.84E-07	1.61E-06	2.56E-04
5545	483727.27, 3857130.01	0.15626	0.46837	0.01155	0.0258	6.65E-04	0.00E+00	9.82E-07	2.22E-06	6.69E-04	3.14E-04	1.48E-02	7.37E-05	8.15E-05	1.52E-02	2.98E-04	0.00E+00	9.82E-07	2.22E-06	3.02E-04
5546	483124.42, 3857123.45	0.12003	0.23167	0.01001	0.01876	5.11E-04	0.00E+00	8.51E-07	1.62E-06	5.14E-04	2.41E-04	7.30E-03	6.38E-05	5.92E-05	7.66E-03	2.29E-04	0.00E+00	8.51E-07	1.62E-06	2.32E-04
5547	483111.13, 3855921.03	0.16194	0.48886	0.00844	0.04674	6.90E-04	0.00E+00	7.18E-07	4.02E-06	6.94E-04	3.25E-04	1.54E-02	5.38E-05	1.48E-04	1.59E-02	3.09E-04	0.00E+00	7.18E-07	4.02E-06	3.14E-04
5548	482701.73, 3855918.24	0.12691	0.24757	0.00886	0.02875	5.40E-04	0.00E+00	7.54E-07	2.48E-06	5.44E-04	2.55E-04	7.80E-03	5.65E-05	9.08E-05	8.20E-03	2.42E-04	0.00E+00	7.54E-07	2.48E-06	2.46E-04
5549	482668.02, 3853521.78	0.04751	0.02731	0.0035	0.00809	2.02E-04	0.00E+00	2.98E-07	6.97E-07	2.03E-04	9.54E-05	8.60E-04	2.23E-05	2.55E-05	1.00E-03	9.07E-05	0.00E+00	2.98E-07	6.97E-07	9.17E-05
5550	482579.91, 3853219.19	0.04559	0.0234	0.00332	0.00697	1.94E-04	0.00E+00	2.82E-07	6.00E-07	1.95E-04	9.16E-05	7.37E-04	2.12E-05	2.20E-05	8.72E-04	8.71E-05	0.00E+00	2.82E-07	6.00E-07	8.80E-05
5551	482434.06, 3852961.94	0.04364	0.02053	0.00316	0.00618	1.86E-04	0.00E+00	2.69E-07	5.32E-07	1.87E-04	8.77E-05	6.47E-04	2.02E-05	1.95E-05	7.74E-04	8.34E-05	0.00E+00	2.69E-07	5.32E-07	8.42E-05
5552	482332.11, 3852832.85	0.04167	0.01939	0.00309	0.00582	1.77E-04	0.00E+00	2.63E-07	5.01E-07	1.78E-04	8.37E-05	6.11E-04	1.97E-05	1.84E-05	7.33E-04	7.96E-05	0.00E+00	2.63E-07	5.01E-07	8.04E-05
5553	481334.99, 3851818.96	0.02769	0.01425	0.00262	0.00414	1.18E-04	0.00E+00	2.23E-07	3.56E-07	1.19E-04	5.56E-05	4.49E-04	1.67E-05	1.31E-05	5.34E-04	5.29E-05	0.00E+00	2.23E-07	3.56E-07	5.35E-05
5554	481127.62, 3851646.36	0.02556	0.01381	0.00255	0.00395	1.09E-04	0.00E+00	2.17E-07	3.40E-07	1.09E-04	5.13E-05	4.35E-04	1.63E-05	1.25E-05	5.15E-04	4.88E-05	0.00E+00	2.17E-07	3.40E-07	4.94E-05
5555	481025.04, 3851591.73	0.02441	0.01369	0.00253	0.00387	1.04E-04	0.00E+00	2.15E-07	3.33E-07	1.05E-04	4.90E-05	4.31E-04	1.61E-05	1.22E-05	5.09E-04	4.66E-05	0.00E+00	2.15E-07	3.33E-07	4.72E-05
5556	480513.6, 3851335.76	0.01921	0.01283	0.00245	0.00358	8.18E-05	0.00E+00	2.08E-07	3.08E-07	8.23E-05	3.86E-05	4.04E-04	1.56E-05	1.13E-05	4.70E-04	3.67E-05	0.00E+00	2.08E-07	3.08E-07	3.72E-05
5557	480523.56, 3851317.66	0.01945	0.01273	0.00245	0.00358	8.28E-05	0.00E+00	2.08E-07	3.08E-07	8.33E-05	3.91E-05	4.01E-04	1.56E-05	1.13E-05	4.67E-04	3.71E-05	0.00E+00	2.08E-07	3.08E-07	3.77E-05
5558	476921.56, 3849569.11	0.00963	0.0076	0.00193	0.00261	4.10E-05	0.00E+00	1.64E-07	2.25E-07	4.14E-05	1.93E-05	2.39E-04	1.23E-05	8.24E-06	2.79E-04	1.84E-05	0.00E+00	1.64E-07	2.25E-07	1.88E-05
5559	476521.19, 3849373.96	0.00917	0.00652	0.00188	0.00256	3.91E-05	0.00E+00	1.60E-07	2.20E-07	3.94E-05	1.84E-05	2.05E-04	1.20E-05	8.08E-06	2.44E-04	1.75E-05	0.00E+00	1.60E-07	2.20E-07	1.79E-05
5560	476391.45, 3849333.38	0.00909	0.00627	0.00186	0.00255	3.87E-05	0.00E+00	1.58E-07	2.20E-07	3.91E-05	1.83E-05	1.98E-04	1.19E-05	8.05E-06	2.36E-04	1.74E-05	0.00E+00	1.58E-07	2.20E-07	1.77E-05
5561	476219.41, 3849304.29	0.00904	0.00593	0.00184	0.00255	3.85E-05	0.00E+00	1.56E-07	2.20E-07	3.89E-05	1.82E-05	1.87E-04	1.17E-05	8.05E-06	2.25E-04	1.73E-05	0.00E+00	1.56E-07	2.20E-07	1.76E-05
5562	475679.11, 3849218.47	0.0088	0.00505	0.00179	0.00255	3.75E-05	0.00E+00	1.52E-07	2.20E-07	3.78E-05	1.77E-05	1.59E-04	1.14E-05	8.05E-06	1.96E-04	1.68E-05	0.00E+00	1.52E-07	2.20E-07	1.72E-05
5563	475677.71, 3849233.88	0.00885	0.00508	0.00179	0.00256	3.77E-05	0.00E+00	1.52E-07	2.20E-07	3.81E-05	1.78E-05	1.60E-04	1.14E-05	8.08E-06	1.97E-04	1.69E-05	0.00E+00	1.52E-07	2.20E-07	1.73E-05
5564	475492.74, 3849204.66	0.00824	0.00421	0.00177	0.00254	3.51E-05	0.00E+00	1.51E-07	2.19E-07	3.55E-05	1.66E-05	1.33E-04	1.13E-05	8.02E-06	1.68E-04	1.57E-05	0.00E+00	1.51E-07	2.19E-07	1.61E-05
5565	475497.64, 3849158.75	0.00838	0.00444	0.00177	0.00253	3.57E-05	0.00E+00	1.51E-07	2.18E-07	3.61E-05	1.68E-05	1.40E-04	1.13E-05	7.99E-06	1.76E-04	1.60E-05	0.00E+00	1.51E-07	2.18E-07	1.64E-05
5566	475391.35, 3849141.94	0.00855	0.00468	0.00176	0.00253	3.64E-05	0.00E+00	1.50E-07	2.18E-07	3.68E-05	1.72E-05	1.47E-04	1.12E-05	7.99E-06	1.84E-04	1.63E-05	0.00E+00	1.50E-07	2.18E-07	1.67E-05
5567	475277, 3849095.47	0.00851	0.00472	0.00175	0.00252	3.62E-05	0.00E+00	1.49E-07	2.17E-07	3.66E-05	1.71E-05	1.49E-04	1.12E-05	7.96E-06	1.85E-04	1.63E-05	0.00E+00	1.49E-07	2.17E-07	1.66E-05
5568	475183.93, 3849025.66	0.00835	0.00464	0.00174	0.0025	3.56E-05	0.00E+00	1.48E-07	2.15E-07	3.59E-05	1.68E-05	1.46E-04	1.11E-05	7.89E-06	1.82E-04	1.59E-05	0.00E+00	1.48E-07	2.15E-07	1.63E-05
5569	474453.23, 3848378.77	0.00721	0.00411	0.00164	0.00233	3.07E-05	0.00E+00	1.39E-07	2.01E-07	3.10E-05	1.45E-05	1.29E-04	1.05E-05	7.36E-06	1.62E-04	1.38E-05	0.00E+00	1.39E-07	2.01E-07	1.41E-05
5570	474569.63, 3848399.34	0.00718	0.00404	0.00165	0.00233	3.06E-05	0.00E+00	1.40E-07	2.01E-07	3.09E-05	1.44E-05	1.27E-04	1.05E-05	7.36E-06	1.60E-04	1.37E-05	0.00E+00	1.40E-07	2.01E-07	1.41E-05
5571	474644.33, 3848464.52	0.0073	0.00411	0.00166	0.00235	3.11E-05	0.00E+00	1.41E-07	2.02E-07	3.14E-05	1.47E-05	1.29E-04	1.06E-05	7.42E-06	1.62E-04	1.39E-05	0.00E+00	1.41E-07	2.02E-07	1.43E-05
5572	474719.04, 3848529.7	0.00741	0.00416	0.00167	0.00236	3.16E-05	0.00E+00	1.42E-07	2.03E-07	3.19E-05	1.49E-05	1.31E-04	1.07E-05	7.45E-06	1.64E-04	1.42E-05	0.00E+00	1.42E-07	2.03E-07	1.45E-05
5573	474793.74, 3848594.88	0.00748	0.00417	0.00168	0.00238	3.19E-05	0.00E+00	1.43E-07	2.05E-07	3.22E-05	1.50E-05	1.31E-04	1.07E-05	7.51E-06	1.65E-04	1.43E-05	0.00E+00	1.43E-07	2.05E-07	1.46E-05
5574	474868.45, 3848660.07	0.00753	0.00413	0.00169	0.00239	3.21E-05	0.00E+00	1.44E-07	2.06E-07	3.24E-05	1.51E-05	1.30E-04	1.08E-05	7.55E-06	1.64E-04	1.44E-05	0.00E+00	1.44E-07	2.06E-07	1.47E-05
5575	474943.15, 3848725.25	0.00761	0.00414	0.0017	0.00241	3.24E-05	0.00E+00	1.45E-07	2.08E-07	3.28E-05	1.53E-05	1.30E-04	1.08E-05	7.61E-06	1.64E-04	1.45E-05	0.00E+00	1.45E-07	2.08E-07	1.49E-05
5576	475017.86, 3848790.43	0.00775	0.00423	0.00171	0.00243	3.30E-05	0.00E+00	1.45E-07	2.09E-07	3.34E-05	1.56E-05	1.33E-04	1.09E-05	7.67E-06	1.67E-04	1.48E-05	0.00E+00	1.45E-07	2.09E-07	1.52E-05
5577	475092.56, 3848855.61	0.00791	0.00434	0.00172	0.00245	3.37E-05	0.00E+00	1.46E-07	2.11E-07	3.40E-05	1.59E-05	1.37E-04	1.10E-05	7.74E-06	1.71E-04	1.51E-05	0.00E+00	1.46E-07	2.11E-07	1.55E-05
5578	475232.58, 3848959.38	0.00814	0.00448	0.00173	0.00248	3.47E-05	0.00E+00	1.47E-07	2.14E-07	3.50E-05	1.63E-05	1.41E-04	1.10E-05	7.83E-06	1.76E-04	1.55E-05	0.00E+00	1.47E-07	2.14E-07	1.59E-05
5579	475368.47, 3849029.98	0.00824	0.00451	0.00175	0.00249	3.51E-05	0.00E+00	1.49E-07	2.14E-07	3.55E-05	1.66E-05	1.42E-04	1.12E-05	7.86E-06	1.78E-04	1.57E-05	0.00E+00	1.49E-07	2.14E-07	1.61E-05
5580	475609.57, 3849096.09	0.0083	0.00453	0.00177	0.00251	3.53E-05	0.00E+00	1.51E-07	2.16E-07	3.57E-05	1.67E-05	1.43E-04	1.13E-05	7.93E-06	1.79E-04	1.59E-05	0.00E+00	1.51E-07	2.16E-07	1.62E-05
5581	475680.68, 3849116.62	0.00844	0.00473	0.00178	0.00251	3.59E-05	0.00E+00	1.51E-07	2.16E-07	3.63E-05	1.70E-05	1.49E-04	1.14E-05	7.93E-06	1.85E-04	1.61E-05	0.00E+00	1.51E-07	2.16E-07	1.65E-05
5582	475843.76, 3849151.52	0.00858	0.00503	0.00179	0.00252	3.65E-05	0.00E+00	1.52E-07	2.17E-07	3.69E-05	1.72E-05	1.58E-04	1.14E-05	7.96E-06	1.95E-04	1.64E-05	0.00E+00	1.52E-07	2.17E-07	1.68E-05
5583	475935.73, 3849165.89	0.00869	0.00533	0.0018	0.00252	3.70E-05	0.00E+00	1.53E-07	2.17E-07	3.74E-05	1.75E-05	1.68E-04	1.15E-05	7.96E-06	2.05E-04	1.66E-05	0.00E+00	1.53E-07	2.17E-07	1.70E-05
5584	476027.71, 3849180.27	0.00876	0.00561	0.00181	0.00252	3.73E-05	0.00E+00	1.54E-07	2.17E-07	3.77E-05	1.76E-05	1.77E-04	1.15E-05	7.96E-06	2.14E-04	1.67E-05	0.00E+00	1.54E-07	2.17E-07	1.71E-05
5585	476119.68, 3849194.64	0.00873	0.00558	0.00182	0.00252	3.72E-05	0.00E+00	1.55E-07	2.17E-07	3.75E-05	1.75E-05	1.76E-04	1.16E-05	7.96E-06	2.13E-04	1.67E-05	0.00E+00	1.55E-07	2.17E-07	1.70E-05
5586	476211.65, 3849209.01	0.00875	0.0057	0.00184	0.00252	3.73E-05	0.00E+00	1.56E-07	2.17E-07	3.76E-05	1.76E-05	1.80E-04	1.17E-05	7.96E-06	2.17E-04	1.67E-05	0.00E+00	1.56E-07	2.17E-07	1.71E-05
5587	476497.81, 3849283.9	0.0089	0.0063	0.00187	0.00253	3.79E-05	0.00E+00	1.59E-07	2.18E-07	3.83E-05	1.79E-05	1.98E-04	1.19E-05	7.99E-06	2.36E-04	1.70E-05	0.00E+00	1.59E-07	2.18E-07	1.74E-05
5588	476603.73, 3849323.77	0.00899	0.0066	0.00189	0.00254	3.83E-05	0.00E+00	1.61E-07	2.19E-07	3.87E-05	1.81E-05	2.08E-04	1.21E-05	8.02E-06	2.46E-04	1.72E-05	0.00E+00	1.61E-07	2.19E-07	1.75E-05
5589	476728.99, 3849382.76	0.00912	0.00692	0.0019	0.00255	3.88E-05	0.00E+00	1.62E-07	2.20E-07	3.92E-05	1.83E-05	2.18E-04	1.21E-05	8.05E-06	2.56E-04	1.74E-05	0.00E+00	1.62E-07	2.20E-07	1.78E-05
5590	476801.27, 3849418.65	0.0092	0.00712	0.00191	0.00256	3.92E-05	0.00E+00	1.62E-07	2.20E-07	3.96E-05	1.85E-05	2.24E-04	1.22E-05	8.08E-06	2.63E-04	1.76E-05	0.00E+00	1.62E-07	2.20E-07	1.80E-05
5591	476956.2, 3849495.05	0.00938	0.00756	0.00194	0.00258	3.99E-05	0.00E+00	1.65E-07	2.22E-07	4.03E-05	1.88E-05	2.38E-04	1.24E-05	8.15E-06	2.78E-04	1.79E-05	0.00E+00	1.65E-07	2.22E-07	1.83E-05
5592	477038.84, 3849535.56	0.00945	0.00769	0.00195	0.00259	4.02E-05	0.00E+00	1.66E-07	2.23E-07	4.06E-05	1.90E-05	2.42E-04	1.24E-05	8.18E-06	2.82E-04	1.80E-05	0.00E+00	1.66E-07	2.23E-07	1.84E-05
5593	477121.49, 3849576.08	0.00954	0.00791	0.00196	0.0026	4.06E-05	0.00E+00	1.67E-07	2.24E-07	4.10E-05	1.92E-05	2.49E-04	1.25E-05	8.21E-06	2.89E-04	1.82E-05	0.00E+00	1.67E-07	2.24E-07	1.86E-05
5594	477204.13, 3849616.6	0.00962	0.00803	0.00197	0.00261	4.10E-05	0.00E+00	1.68E-07	2.25E-07	4.14E-05	1.93E-05	2.53E-04	1.26E-05	8.24E-06	2.93E-04	1.84E-05	0.00E+00	1.68E-07	2.25E-07	1.88E-05
5595	477286.78, 3849657.12	0.00965	0.0079	0.00198	0.00263	4.11E-05	0.00E+00	1.68E-07	2.26E-07	4.15E-05	1.94E-05	2.49E-04	1.26E-05	8.30E-06	2.89E-04	1.84E-05	0.00E+00	1.68E-07	2.26E-07	1.88E-05
5596	477369.42, 3849697.63	0.00979	0.00842	0.00199	0.00264	4.17E-05	0.00E+00	1.69E-07	2.27E-07	4.21E-05	1.97E-05	2.65E-04	1.27E-05	8.34E-06	3.06E-04	1.87E-05	0.00E+00	1.69E-07	2.27E-07	1.91E-05
5597	477452.07, 3849738.15	0.00986	0.00856	0.00201	0.00265	4.20E-05	0.00E+00	1.71E-07	2.28E-07	4.24E-05	1.98E-05	2.70E-04	1.28E-05	8.37E-06	3.11E-04	1.88E-05	0.00E+00	1.71E-07	2.28E-07	1.92E-05
5598	477534.71, 3849778.67	0.00997	0.00896	0.00202	0.00266	4.25E-05	0.00E+00	1.72E-07	2.29E-07	4.29E-05	2.00E-05	2.82E-04	1.29E-05	8.40E-06	3.24E-04	1.90E-05	0.00E+00	1.72E-07	2.29E-07	1.94E-05
5599	477617.36, 3849819.18	0.01004	0.00909	0.00203	0.00268	4.28E-05	0.00E+00	1.73E-07	2.31E-07	4.32E-05	2.02E-05	2.86E-04	1.29E-05	8.46E-06	3.28E-04	1.92E-05	0.00E+00	1.73E-07	2.31E-07	1.96E-05
5600	477824.74, 3849896.37	0.01016	0.00953	0.00206	0.00271	4.33E-05	0.00E+00	1.75E-07	2.33E-07	4.37E-05	2.04E-05	3.00E-04	1.31E-05	8.56E-06	3.42E-04	1.94E-05	0.00E+00	1.75E-07	2.33E-07	1.98E-05
5601	477906.31, 3849936.37	0.01018	0.0093	0.00207	0.00273	4.34E-05	0.00E+00	1.76E-07	2.35E-07	4.38E-05	2.04E-05	2.93E-04	1.32E-05	8.62E-06	3.35E-04	1.94E-05	0.00E+00	1.76E-07	2.35E-07	1.99E-05

5602	477987.89, 3849976.36	0.01028	0.00955	0.00208	0.00275	4.38E-05	0.00E+00	1.77E-07	2.37E-07	4.42E-05	2.06E-05	3.01E-04	1.33E-05	8.68E-06	3.43E-04	1.96E-05	0.00E+00	1.77E-07	2.37E-07	2.00E-05
5603	478069.47, 3850016.36	0.01031	0.0094	0.00209	0.00277	4.39E-05	0.00E+00	1.78E-07	2.39E-07	4.43E-05	2.07E-05	2.96E-04	1.33E-05	8.75E-06	3.39E-04	1.97E-05	0.00E+00	1.78E-07	2.39E-07	2.01E-05
5604	478151.04, 3850056.35	0.01034	0.00926	0.0021	0.00279	4.40E-05	0.00E+00	1.79E-07	2.40E-07	4.45E-05	2.08E-05	2.92E-04	1.34E-05	8.81E-06	3.35E-04	1.97E-05	0.00E+00	1.79E-07	2.40E-07	2.02E-05
5605	478232.62, 3850096.35	0.01041	0.00937	0.00211	0.00281	4.43E-05	0.00E+00	1.79E-07	2.42E-07	4.48E-05	2.09E-05	2.95E-04	1.35E-05	8.87E-06	3.38E-04	1.99E-05	0.00E+00	1.79E-07	2.42E-07	2.03E-05
5606	478314.2, 3850136.34	0.0105	0.0095	0.00212	0.00283	4.47E-05	0.00E+00	1.80E-07	2.44E-07	4.51E-05	2.11E-05	2.99E-04	1.35E-05	8.94E-06	3.43E-04	2.01E-05	0.00E+00	1.80E-07	2.44E-07	2.05E-05
5607	478395.77, 3850176.34	0.0106	0.00963	0.00213	0.00286	4.51E-05	0.00E+00	1.81E-07	2.46E-07	4.56E-05	2.13E-05	3.03E-04	1.36E-05	9.03E-06	3.47E-04	2.02E-05	0.00E+00	1.81E-07	2.46E-07	2.07E-05
5608	478575.43, 3850244.45	0.01075	0.00985	0.00215	0.0029	4.58E-05	0.00E+00	1.83E-07	2.50E-07	4.62E-05	2.16E-05	3.10E-04	1.37E-05	9.16E-06	3.55E-04	2.05E-05	0.00E+00	1.83E-07	2.50E-07	2.10E-05
5609	478665.06, 3850287.29	0.01088	0.00998	0.00216	0.00293	4.63E-05	0.00E+00	1.84E-07	2.52E-07	4.68E-05	2.19E-05	3.14E-04	1.38E-05	9.25E-06	3.59E-04	2.08E-05	0.00E+00	1.84E-07	2.52E-07	2.12E-05
5610	478754.69, 3850330.14	0.01105	0.01012	0.00218	0.00295	4.71E-05	0.00E+00	1.85E-07	2.54E-07	4.75E-05	2.22E-05	3.19E-04	1.39E-05	9.31E-06	3.64E-04	2.11E-05	0.00E+00	1.85E-07	2.54E-07	2.15E-05
5611	478844.32, 3850372.99	0.01125	0.01031	0.00219	0.00297	4.79E-05	0.00E+00	1.86E-07	2.56E-07	4.84E-05	2.26E-05	3.25E-04	1.40E-05	9.38E-06	3.71E-04	2.15E-05	0.00E+00	1.86E-07	2.56E-07	2.19E-05
5612	478933.95, 3850415.84	0.01172	0.01053	0.0022	0.00299	4.99E-05	0.00E+00	1.87E-07	2.57E-07	5.04E-05	2.35E-05	3.32E-04	1.40E-05	9.44E-06	3.79E-04	2.24E-05	0.00E+00	1.87E-07	2.57E-07	2.28E-05
5613	479023.58, 3850458.68	0.01169	0.01052	0.00221	0.00302	4.98E-05	0.00E+00	1.88E-07	2.60E-07	5.02E-05	2.35E-05	3.31E-04	1.41E-05	9.54E-06	3.78E-04	2.23E-05	0.00E+00	1.88E-07	2.60E-07	2.28E-05
5614	479110.66, 3850441.91	0.01209	0.01051	0.00221	0.00303	5.15E-05	0.00E+00	1.88E-07	2.61E-07	5.19E-05	2.43E-05	3.31E-04	1.41E-05	9.57E-06	3.79E-04	2.31E-05	0.00E+00	1.88E-07	2.61E-07	2.35E-05
5615	479191.22, 3850423.99	0.01237	0.01038	0.0022	0.00304	5.27E-05	0.00E+00	1.87E-07	2.62E-07	5.31E-05	2.48E-05	3.27E-04	1.40E-05	9.60E-06	3.75E-04	2.36E-05	0.00E+00	1.87E-07	2.62E-07	2.41E-05
5616	479274.32, 3850465.71	0.01267	0.01043	0.00221	0.00307	5.40E-05	0.00E+00	1.88E-07	2.64E-07	5.44E-05	2.54E-05	3.29E-04	1.41E-05	9.69E-06	3.78E-04	2.42E-05	0.00E+00	1.88E-07	2.64E-07	2.47E-05
5617	479357.43, 3850507.42	0.013	0.01034	0.00222	0.0031	5.54E-05	0.00E+00	1.89E-07	2.67E-07	5.58E-05	2.61E-05	3.26E-04	1.42E-05	9.79E-06	3.76E-04	2.48E-05	0.00E+00	1.89E-07	2.67E-07	2.53E-05
5618	479440.53, 3850549.14	0.01303	0.0102	0.00222	0.00313	5.55E-05	0.00E+00	1.89E-07	2.70E-07	5.59E-05	2.62E-05	3.21E-04	1.42E-05	9.88E-06	3.72E-04	2.49E-05	0.00E+00	1.89E-07	2.70E-07	2.53E-05
5619	479523.64, 3850590.85	0.01337	0.01013	0.00223	0.00317	5.69E-05	0.00E+00	1.90E-07	2.73E-07	5.74E-05	2.69E-05	3.19E-04	1.42E-05	1.00E-05	3.70E-04	2.55E-05	0.00E+00	1.90E-07	2.73E-07	2.60E-05
5620	479606.74, 3850632.57	0.01381	0.01014	0.00224	0.00319	5.88E-05	0.00E+00	1.91E-07	2.75E-07	5.93E-05	2.77E-05	3.19E-04	1.43E-05	1.01E-05	3.72E-04	2.64E-05	0.00E+00	1.91E-07	2.75E-07	2.68E-05
5621	479777.37, 3850707.61	0.01487	0.01007	0.00225	0.00325	6.33E-05	0.00E+00	1.91E-07	2.80E-07	6.38E-05	2.99E-05	3.17E-04	1.44E-05	1.03E-05	3.72E-04	2.84E-05	0.00E+00	1.91E-07	2.80E-07	2.89E-05
5622	479864.9, 3850740.95	0.01557	0.01012	0.00226	0.00327	6.63E-05	0.00E+00	1.92E-07	2.82E-07	6.68E-05	3.13E-05	3.19E-04	1.44E-05	1.03E-05	3.75E-04	2.97E-05	0.00E+00	1.92E-07	2.82E-07	3.02E-05
5623	479931.87, 3850829.57	0.01577	0.01048	0.00229	0.00331	6.72E-05	0.00E+00	1.95E-07	2.85E-07	6.76E-05	3.17E-05	3.30E-04	1.46E-05	1.05E-05	3.87E-04	3.01E-05	0.00E+00	1.95E-07	2.85E-07	3.06E-05
5624	479995.55, 3850926.75	0.01609	0.01109	0.00232	0.00334	6.85E-05	0.00E+00	1.97E-07	2.88E-07	6.90E-05	3.23E-05	3.49E-04	1.48E-05	1.05E-05	4.07E-04	3.07E-05	0.00E+00	1.97E-07	2.88E-07	3.12E-05
5625	480079.78, 3850968.64	0.01668	0.01131	0.00233	0.00336	7.10E-05	0.00E+00	1.98E-07	2.89E-07	7.15E-05	3.35E-05	3.56E-04	1.49E-05	1.06E-05	4.15E-04	3.19E-05	0.00E+00	1.98E-07	2.89E-07	3.23E-05
5626	480164.01, 3851010.54	0.0173	0.0115	0.00234	0.00338	7.37E-05	0.00E+00	1.99E-07	2.91E-07	7.42E-05	3.47E-05	3.62E-04	1.49E-05	1.07E-05	4.23E-04	3.30E-05	0.00E+00	1.99E-07	2.91E-07	3.35E-05
5627	480248.23, 3851052.43	0.01795	0.0117	0.00236	0.00341	7.64E-05	0.00E+00	2.01E-07	2.94E-07	7.69E-05	3.61E-05	3.69E-04	1.51E-05	1.08E-05	4.30E-04	3.43E-05	0.00E+00	2.01E-07	2.94E-07	3.48E-05
5628	480332.46, 3851094.33	0.01863	0.01181	0.00237	0.00344	7.93E-05	0.00E+00	2.02E-07	2.96E-07	7.98E-05	3.74E-05	3.72E-04	1.51E-05	1.09E-05	4.35E-04	3.56E-05	0.00E+00	2.02E-07	2.96E-07	3.61E-05
5629	480416.69, 3851136.22	0.01936	0.01182	0.00238	0.00348	8.24E-05	0.00E+00	2.02E-07	3.00E-07	8.29E-05	3.89E-05	3.72E-04	1.52E-05	1.10E-05	4.37E-04	3.70E-05	0.00E+00	2.02E-07	3.00E-07	3.75E-05
5630	480579.95, 3851215.17	0.02087	0.01197	0.0024	0.00356	8.89E-05	0.00E+00	2.04E-07	3.07E-07	8.94E-05	4.19E-05	3.77E-04	1.53E-05	1.12E-05	4.46E-04	3.99E-05	0.00E+00	2.04E-07	3.07E-07	4.04E-05
5631	480658.98, 3851252.22	0.02163	0.01211	0.00241	0.0036	9.21E-05	0.00E+00	2.05E-07	3.10E-07	9.26E-05	4.34E-05	3.81E-04	1.54E-05	1.14E-05	4.52E-04	4.13E-05	0.00E+00	2.05E-07	3.10E-07	4.18E-05
5632	480817.36, 3851327.85	0.02318	0.01237	0.00243	0.00368	9.87E-05	0.00E+00	2.07E-07	3.17E-07	9.92E-05	4.66E-05	3.90E-04	1.55E-05	1.16E-05	4.63E-04	4.43E-05	0.00E+00	2.07E-07	3.17E-07	4.48E-05
5633	480896.72, 3851366.43	0.02396	0.01245	0.00244	0.00373	1.02E-04	0.00E+00	2.08E-07	3.21E-07	1.03E-04	4.81E-05	3.92E-04	1.56E-05	1.18E-05	4.68E-04	4.58E-05	0.00E+00	2.08E-07	3.21E-07	4.63E-05
5634	480976.07, 3851405	0.02473	0.01253	0.00246	0.00378	1.05E-04	0.00E+00	2.09E-07	3.25E-07	1.06E-04	4.97E-05	3.95E-04	1.57E-05	1.19E-05	4.72E-04	4.72E-05	0.00E+00	2.09E-07	3.25E-07	4.78E-05
5635	481178, 3851487.31	0.02659	0.01251	0.00248	0.00389	1.13E-04	0.00E+00	2.11E-07	3.35E-07	1.14E-04	5.34E-05	3.94E-04	1.58E-05	1.23E-05	4.76E-04	5.08E-05	0.00E+00	2.11E-07	3.35E-07	5.13E-05
5636	481244.9, 3851557.17	0.02721	0.01274	0.00251	0.00395	1.16E-04	0.00E+00	2.13E-07	3.40E-07	1.16E-04	5.47E-05	4.01E-04	1.60E-05	1.25E-05	4.84E-04	5.20E-05	0.00E+00	2.13E-07	3.40E-07	5.25E-05
5637	481311.81, 3851627.03	0.02787	0.01293	0.00254	0.00401	1.19E-04	0.00E+00	2.16E-07	3.45E-07	1.19E-04	5.60E-05	4.07E-04	1.62E-05	1.27E-05	4.92E-04	5.32E-05	0.00E+00	2.16E-07	3.45E-07	5.38E-05
5638	481378.71, 3851696.89	0.02856	0.0131	0.00256	0.00408	1.22E-04	0.00E+00	2.18E-07	3.51E-07	1.22E-04	5.74E-05	4.13E-04	1.63E-05	1.29E-05	4.99E-04	5.45E-05	0.00E+00	2.18E-07	3.51E-07	5.51E-05
5639	481445.61, 3851766.76	0.02927	0.01329	0.00259	0.00415	1.25E-04	0.00E+00	2.20E-07	3.57E-07	1.25E-04	5.88E-05	4.19E-04	1.65E-05	1.31E-05	5.07E-04	5.59E-05	0.00E+00	2.20E-07	3.57E-07	5.65E-05
5640	481512.51, 3851836.62	0.03004	0.01344	0.00261	0.00422	1.28E-04	0.00E+00	2.22E-07	3.63E-07	1.29E-04	6.03E-05	4.23E-04	1.66E-05	1.33E-05	5.14E-04	5.74E-05	0.00E+00	2.22E-07	3.63E-07	5.80E-05
5641	481579.42, 3851906.48	0.03083	0.0136	0.00264	0.0043	1.31E-04	0.00E+00	2.25E-07	3.70E-07	1.32E-04	6.19E-05	4.28E-04	1.68E-05	1.36E-05	5.21E-04	5.89E-05	0.00E+00	2.25E-07	3.70E-07	5.95E-05
5642	481646.32, 3851976.34	0.03166	0.0138	0.00267	0.00438	1.35E-04	0.00E+00	2.27E-07	3.77E-07	1.35E-04	6.36E-05	4.35E-04	1.70E-05	1.38E-05	5.29E-04	6.05E-05	0.00E+00	2.27E-07	3.77E-07	6.11E-05
5643	481713.22, 3852046.2	0.03258	0.01387	0.00269	0.00447	1.39E-04	0.00E+00	2.29E-07	3.85E-07	1.39E-04	6.54E-05	4.37E-04	1.72E-05	1.41E-05	5.34E-04	6.22E-05	0.00E+00	2.29E-07	3.85E-07	6.28E-05
5644	481780.12, 3852116.06	0.03346	0.01417	0.00272	0.00456	1.42E-04	0.00E+00	2.31E-07	3.93E-07	1.43E-04	6.72E-05	4.46E-04	1.73E-05	1.44E-05	5.45E-04	6.39E-05	0.00E+00	2.31E-07	3.93E-07	6.45E-05
5645	481847.03, 3852185.92	0.03435	0.0146	0.00275	0.00465	1.46E-04	0.00E+00	2.34E-07	4.00E-07	1.47E-04	6.90E-05	4.60E-04	1.75E-05	1.47E-05	5.61E-04	6.56E-05	0.00E+00	2.34E-07	4.00E-07	6.62E-05
5646	481913.93, 3852255.78	0.03525	0.01508	0.00279	0.00475	1.50E-04	0.00E+00	2.37E-07	4.09E-07	1.51E-04	7.08E-05	4.75E-04	1.78E-05	1.50E-05	5.79E-04	6.73E-05	0.00E+00	2.37E-07	4.09E-07	6.80E-05
5647	481980.83, 3852325.65	0.03614	0.01565	0.00283	0.00485	1.54E-04	0.00E+00	2.41E-07	4.18E-07	1.55E-04	7.26E-05	4.93E-04	1.81E-05	1.53E-05	5.99E-04	6.90E-05	0.00E+00	2.41E-07	4.18E-07	6.97E-05
5648	482047.73, 3852395.51	0.03716	0.01609	0.00286	0.00497	1.58E-04	0.00E+00	2.43E-07	4.28E-07	1.59E-04	7.46E-05	5.07E-04	1.82E-05	1.57E-05	6.15E-04	7.10E-05	0.00E+00	2.43E-07	4.28E-07	7.16E-05
5649	482114.64, 3852465.37	0.03813	0.01666	0.0029	0.0051	1.62E-04	0.00E+00	2.47E-07	4.39E-07	1.63E-04	7.66E-05	5.25E-04	1.85E-05	1.61E-05	6.36E-04	7.28E-05	0.00E+00	2.47E-07	4.39E-07	7.35E-05
5650	482181.54, 3852535.23	0.03935	0.01705	0.00293	0.00524	1.68E-04	0.00E+00	2.49E-07	4.51E-07	1.68E-04	7.90E-05	5.37E-04	1.87E-05	1.65E-05	6.51E-04	7.52E-05	0.00E+00	2.49E-07	4.51E-07	7.59E-05
5651	482338.69, 3852700.05	0.04229	0.01829	0.00302	0.00564	1.80E-04	0.00E+00	2.57E-07	4.86E-07	1.81E-04	8.49E-05	5.76E-04	1.93E-05	1.78E-05	6.98E-04	8.08E-05	0.00E+00	2.57E-07	4.86E-07	8.15E-05
5652	482404.05, 3852767.78	0.04365	0.01886	0.00305	0.00582	1.86E-04	0.00E+00	2.59E-07	5.01E-07	1.87E-04	8.77E-05	5.94E-04	1.95E-05	1.84E-05	7.20E-04	8.34E-05	0.00E+00	2.59E-07	5.01E-07	8.41E-05
5653	482469.4, 3852835.52	0.04508	0.01945	0.00309	0.00601	1.92E-04	0.00E+00	2.63E-07	5.18E-07	1.93E-04	9.05E-05	6.13E-04	1.97E-05	1.90E-05	7.42E-04	8.61E-05	0.00E+00	2.63E-07	5.18E-07	8.69E-05
5654	482534.75, 3852903.25	0.04671	0.01994	0.00312	0.00619	1.99E-04	0.00E+00	2.65E-07	5.33E-07	2.00E-04	9.38E-05	6.28E-04	1.99E-05	1.95E-05	7.61E-04	8.92E-05	0.00E+00	2.65E-07	5.33E-07	9.00E-05
5655	482600.11, 3852970.99	0.04833	0.02051	0.00316	0.00638	2.06E-04	0.00E+00	2.69E-07	5.49E-07	2.07E-04	9.71E-05	6.46E-04	2.02E-05	2.01E-05	7.83E-04	9.23E-05	0.00E+00	2.69E-07	5.49E-07	9.31E-05
5656	482706.71, 3853119.28	0.05149	0.02166	0.00324	0.0068	2.19E-04	0.00E+00	2.76E-07	5.86E-07	2.20E-04	1.03E-04	6.82E-04	2.07E-05	2.15E-05	8.28E-04	9.83E-05	0.00E+00	2.76E-07	5.86E-07	9.92E-05
5657	482747.96, 3853199.84	0.05255	0.02255	0.00329	0.00704	2.24E-04	0.00E+00	2.80E-07	6.06E-07	2.25E-04	1.06E-04	7.10E-04	2.10E-05	2.22E-05	8.59E-04	1.00E-04	0.00E+00	2.80E-07	6.06E-07	1.01E-04
5658	482789.21, 3853280.4	0.05347	0.02355	0.00335	0.0073	2.28E-04	0.00E+00	2.85E-07	6.29E-07	2.29E-04	1.07E-04	7.42E-04	2.14E-05	2.30E-05	8.94E-04	1.02E-04	0.00E+00	2.85E-07	6.29E-07	1.03E-04
5659	482830.46, 3853360.96	0.05443	0.02449	0.0034	0.00758	2.32E-04	0.00E+00	2.89E-07	6.53E-07	2.33E-04	1.09E-04	7.71E-04	2.17E-05	2.39E-05	9.26E-04	1.04E-04	0.00E+00	2.89E-07	6.53E-07	1.05E-04
5660	482871.71, 3853441.52	0.05539	0.02545	0.00345	0.00788	2.36E-04	0.00E+00	2.93E-07	6.79E-07	2.37E-04	1.11E-04	8.02E-04	2.20E-05	2.49E-05	9.60E-04	1.06E-04	0.00E+00	2.93E-07	6.79E-07	1.07E-04

5661	482912.95, 3853522.07	0.05673	0.02612	0.0035	0.0082	2.42E-04	0.00E+00	2.98E-07	7.06E-07	2.43E-04	1.14E-04	8.23E-04	2.23E-05	2.59E-05	9.85E-04	1.08E-04	0.00E+00	2.98E-07	7.06E-07	1.09E-04
5662	482954.2, 3853602.63	0.05819	0.0268	0.00355	0.00855	2.48E-04	0.00E+00	3.02E-07	7.36E-07	2.49E-04	1.17E-04	8.44E-04	2.26E-05	2.70E-05	1.01E-03	1.11E-04	0.00E+00	3.02E-07	7.36E-07	1.12E-04
5663	482995.45, 3853683.19	0.06003	0.02733	0.00359	0.00894	2.56E-04	0.00E+00	3.05E-07	7.70E-07	2.57E-04	1.21E-04	8.61E-04	2.29E-05	2.82E-05	1.03E-03	1.15E-04	0.00E+00	3.05E-07	7.70E-07	1.16E-04
5664	483036.7, 3853763.75	0.06226	0.02783	0.00364	0.00938	2.65E-04	0.00E+00	3.10E-07	8.08E-07	2.66E-04	1.25E-04	8.77E-04	2.32E-05	2.96E-05	1.05E-03	1.19E-04	0.00E+00	3.10E-07	8.08E-07	1.20E-04
5665	483214.2, 3853909.91	0.07327	0.02565	0.00373	0.01027	3.12E-04	0.00E+00	3.17E-07	8.84E-07	3.13E-04	1.47E-04	8.08E-04	2.38E-05	3.24E-05	1.01E-03	1.40E-04	0.00E+00	3.17E-07	8.84E-07	1.41E-04
5666	483307.01, 3853910.44	0.07917	0.02544	0.00374	0.01029	3.37E-04	0.00E+00	3.18E-07	8.86E-07	3.38E-04	1.59E-04	8.01E-04	2.39E-05	3.25E-05	1.02E-03	1.51E-04	0.00E+00	3.18E-07	8.86E-07	1.52E-04
5667	483399.83, 3853910.96	0.08607	0.02472	0.00374	0.01045	3.67E-04	0.00E+00	3.18E-07	9.00E-07	3.68E-04	1.73E-04	7.79E-04	2.39E-05	3.30E-05	1.01E-03	1.64E-04	0.00E+00	3.18E-07	9.00E-07	1.66E-04
5668	483494.52, 3854009.24	0.09383	0.02585	0.00382	0.01165	4.00E-04	0.00E+00	3.25E-07	1.00E-06	4.01E-04	1.88E-04	8.14E-04	2.44E-05	3.68E-05	1.06E-03	1.79E-04	0.00E+00	3.25E-07	1.00E-06	1.81E-04
5669	483496.41, 3854106.98	0.09469	0.02776	0.0039	0.01291	4.03E-04	0.00E+00	3.32E-07	1.11E-06	4.05E-04	1.90E-04	8.74E-04	2.49E-05	4.08E-05	1.13E-03	1.81E-04	0.00E+00	3.32E-07	1.11E-06	1.82E-04
5670	483577.56, 3854261.96	0.10554	0.02801	0.00401	0.01632	4.49E-04	0.00E+00	3.41E-07	1.41E-06	4.51E-04	2.12E-04	8.82E-04	2.56E-05	5.15E-05	1.17E-03	2.02E-04	0.00E+00	3.41E-07	1.41E-06	2.03E-04
5671	483656.83, 3854319.19	0.11255	0.02746	0.00406	0.01912	4.79E-04	0.00E+00	3.45E-07	1.65E-06	4.81E-04	2.26E-04	8.65E-04	2.59E-05	6.04E-05	1.18E-03	2.15E-04	0.00E+00	3.45E-07	1.65E-06	2.17E-04
5672	483736.1, 3854376.41	0.12039	0.02736	0.00412	0.02335	5.13E-04	0.00E+00	3.50E-07	2.01E-06	5.15E-04	2.42E-04	8.62E-04	2.63E-05	7.37E-05	1.20E-03	2.30E-04	0.00E+00	3.50E-07	2.01E-06	2.32E-04
5673	483815.37, 3854433.64	0.12813	0.02807	0.00418	0.02871	5.46E-04	0.00E+00	3.55E-07	2.47E-06	5.48E-04	2.57E-04	8.84E-04	2.67E-05	9.06E-05	1.26E-03	2.45E-04	0.00E+00	3.55E-07	2.47E-06	2.48E-04
5674	483894.63, 3854490.87	0.13429	0.0295	0.00424	0.03524	5.72E-04	0.00E+00	3.61E-07	3.03E-06	5.75E-04	2.70E-04	9.29E-04	2.70E-05	1.11E-04	1.34E-03	2.56E-04	0.00E+00	3.61E-07	3.03E-06	2.60E-04
5675	483973.9, 3854548.1	0.13882	0.03189	0.0043	0.04146	5.91E-04	0.00E+00	3.66E-07	3.57E-06	5.95E-04	2.79E-04	1.00E-03	2.74E-05	1.31E-04	1.44E-03	2.65E-04	0.00E+00	3.66E-07	3.57E-06	2.69E-04
5676	484053.17, 3854605.32	0.14596	0.03562	0.00437	0.04573	6.22E-04	0.00E+00	3.72E-07	3.94E-06	6.26E-04	2.93E-04	1.12E-03	2.79E-05	1.44E-04	1.59E-03	2.79E-04	0.00E+00	3.72E-07	3.94E-06	2.83E-04
5677	484214.97, 3854698.15	0.16723	0.04338	0.00449	0.04714	7.12E-04	0.00E+00	3.82E-07	4.06E-06	7.17E-04	3.36E-04	1.37E-03	2.86E-05	1.49E-04	1.88E-03	3.19E-04	0.00E+00	3.82E-07	4.06E-06	3.24E-04
5678	484297.5, 3854733.74	0.18912	0.04803	0.00454	0.04604	8.05E-04	0.00E+00	3.86E-07	3.96E-06	8.10E-04	3.80E-04	1.51E-03	2.90E-05	1.45E-04	2.07E-03	3.61E-04	0.00E+00	3.86E-07	3.96E-06	3.66E-04
5679	484380.03, 3854769.34	0.20339	0.05147	0.0046	0.04433	8.66E-04	0.00E+00	3.91E-07	3.82E-06	8.70E-04	4.09E-04	1.62E-03	2.93E-05	1.40E-04	2.20E-03	3.88E-04	0.00E+00	3.91E-07	3.82E-06	3.93E-04
5680	484462.56, 3854804.94	0.22929	0.05638	0.00465	0.04211	9.76E-04	0.00E+00	3.95E-07	3.63E-06	9.80E-04	4.61E-04	1.78E-03	2.97E-05	1.33E-04	2.40E-03	4.38E-04	0.00E+00	3.95E-07	3.63E-06	4.42E-04
5681	484545.09, 3854840.53	0.24597	0.05925	0.00471	0.03983	1.05E-03	0.00E+00	4.01E-07	3.43E-06	1.05E-03	4.94E-04	1.87E-03	3.00E-05	1.26E-04	2.52E-03	4.70E-04	0.00E+00	4.01E-07	3.43E-06	4.74E-04
5682	484691.88, 3854912.59	0.32231	0.06869	0.00483	0.03517	1.37E-03	0.00E+00	4.11E-07	3.03E-06	1.38E-03	6.47E-04	2.16E-03	3.08E-05	1.11E-04	2.95E-03	6.16E-04	0.00E+00	4.11E-07	3.03E-06	6.19E-04
5683	484830.81, 3855012.51	0.68059	0.08036	0.00499	0.03334	2.90E-03	0.00E+00	4.24E-07	2.87E-06	2.90E-03	1.37E-03	2.53E-03	3.18E-05	1.05E-04	4.04E-03	1.30E-03	0.00E+00	4.24E-07	2.87E-06	1.30E-03
5684	484905.48, 3855075.97	1.69591	0.0912	0.0051	0.03385	7.22E-03	0.00E+00	4.34E-07	2.91E-06	7.23E-03	3.41E-03	2.87E-03	3.25E-05	1.07E-04	6.42E-03	3.24E-03	0.00E+00	4.34E-07	2.91E-06	3.24E-03
5685	484980.14, 3855139.44	2.67527	0.09991	0.0052	0.03549	1.14E-02	0.00E+00	4.42E-07	3.06E-06	1.14E-02	5.37E-03	3.15E-03	3.32E-05	1.12E-04	8.67E-03	5.11E-03	0.00E+00	4.42E-07	3.06E-06	5.11E-03
5686	485054.81, 3855202.91	3.30601	0.1066	0.00532	0.0378	1.41E-02	0.00E+00	4.52E-07	3.25E-06	1.41E-02	6.64E-03	3.36E-03	3.39E-05	1.19E-04	1.02E-02	6.31E-03	0.00E+00	4.52E-07	3.25E-06	6.32E-03
5687	485129.48, 3855266.37	3.49452	0.10991	0.00544	0.04078	1.49E-02	0.00E+00	4.63E-07	3.51E-06	1.49E-02	7.02E-03	3.46E-03	3.47E-05	1.29E-04	1.06E-02	6.67E-03	0.00E+00	4.63E-07	3.51E-06	6.68E-03
5688	485204.15, 3855329.84	4.01799	0.11925	0.00557	0.04528	1.71E-02	0.00E+00	4.74E-07	3.90E-06	1.71E-02	8.07E-03	3.76E-03	3.55E-05	1.43E-04	1.20E-02	7.67E-03	0.00E+00	4.74E-07	3.90E-06	7.68E-03
5689	485278.82, 3855393.31	4.21573	0.12535	0.0057	0.05085	1.80E-02	0.00E+00	4.85E-07	4.38E-06	1.80E-02	8.47E-03	3.95E-03	3.64E-05	1.61E-04	1.26E-02	8.05E-03	0.00E+00	4.85E-07	4.38E-06	8.06E-03
5690	485353.48, 3855456.77	4.50685	0.13363	0.00584	0.05645	1.92E-02	0.00E+00	4.97E-07	4.86E-06	1.92E-02	9.05E-03	4.21E-03	3.73E-05	1.78E-04	1.35E-02	8.61E-03	0.00E+00	4.97E-07	4.86E-06	8.61E-03
5691	485428.15, 3855520.24	4.60847	0.13992	0.00599	0.06202	1.96E-02	0.00E+00	5.09E-07	5.34E-06	1.96E-02	9.26E-03	4.41E-03	3.82E-05	1.96E-04	1.39E-02	8.80E-03	0.00E+00	5.09E-07	5.34E-06	8.81E-03
5692	485502.82, 3855583.71	4.72036	0.14696	0.00615	0.06743	2.01E-02	0.00E+00	5.23E-07	5.81E-06	2.01E-02	9.48E-03	4.63E-03	3.92E-05	2.13E-04	1.44E-02	9.02E-03	0.00E+00	5.23E-07	5.81E-06	9.02E-03
5693	485577.49, 3855647.17	5.02482	0.15805	0.00632	0.07264	2.14E-02	0.00E+00	5.37E-07	6.26E-06	2.14E-02	1.01E-02	4.98E-03	4.03E-05	2.29E-04	1.53E-02	9.60E-03	0.00E+00	5.37E-07	6.26E-06	9.60E-03
5694	485652.16, 3855710.64	5.28856	0.1701	0.0065	0.07789	2.25E-02	0.00E+00	5.53E-07	6.71E-06	2.25E-02	1.06E-02	5.36E-03	4.15E-05	2.46E-04	1.63E-02	1.01E-02	0.00E+00	5.53E-07	6.71E-06	1.01E-02
5695	485726.83, 3855774.11	5.4439	0.17876	0.00669	0.08325	2.32E-02	0.00E+00	5.69E-07	7.17E-06	2.32E-02	1.09E-02	5.63E-03	4.27E-05	2.63E-04	1.69E-02	1.04E-02	0.00E+00	5.69E-07	7.17E-06	1.04E-02
5696	485801.49, 3855837.57	5.31842	0.18523	0.00689	0.08788	2.26E-02	0.00E+00	5.86E-07	7.57E-06	2.27E-02	1.07E-02	5.83E-03	4.39E-05	2.77E-04	1.68E-02	1.02E-02	0.00E+00	5.86E-07	7.57E-06	1.02E-02
5697	485876.16, 3855901.04	5.44873	0.19409	0.00711	0.09112	2.32E-02	0.00E+00	6.05E-07	7.85E-06	2.32E-02	1.09E-02	6.11E-03	4.54E-05	2.88E-04	1.74E-02	1.04E-02	0.00E+00	6.05E-07	7.85E-06	1.04E-02
5698	485950.83, 3855964.5	5.32791	0.20112	0.00735	0.0931	2.27E-02	0.00E+00	6.25E-07	8.02E-06	2.27E-02	1.07E-02	6.34E-03	4.69E-05	2.94E-04	1.74E-02	1.02E-02	0.00E+00	6.25E-07	8.02E-06	1.02E-02
5699	486025.5, 3856027.97	5.19575	0.20524	0.00761	0.0931	2.21E-02	0.00E+00	6.47E-07	8.02E-06	2.21E-02	1.04E-02	6.47E-03	4.85E-05	2.94E-04	1.72E-02	9.92E-03	0.00E+00	6.47E-07	8.02E-06	9.93E-03
5700	486100.17, 3856091.44	5.50353	0.22128	0.00788	0.09084	2.34E-02	0.00E+00	6.70E-07	7.82E-06	2.34E-02	1.11E-02	6.97E-03	5.03E-05	2.87E-04	1.84E-02	1.05E-02	0.00E+00	6.70E-07	7.82E-06	1.05E-02
5701	486174.83, 3856154.9	5.27603	0.22296	0.00819	0.08791	2.25E-02	0.00E+00	6.97E-07	7.57E-06	2.25E-02	1.06E-02	7.02E-03	5.22E-05	2.78E-04	1.80E-02	1.01E-02	0.00E+00	6.97E-07	7.57E-06	1.01E-02
5702	486249.5, 3856218.37	4.80359	0.21723	0.00854	0.08447	2.05E-02	0.00E+00	7.26E-07	7.27E-06	2.05E-02	9.65E-03	6.84E-03	5.45E-05	2.67E-04	1.68E-02	9.17E-03	0.00E+00	7.26E-07	7.27E-06	9.18E-03
5703	486324.17, 3856281.84	4.40951	0.21436	0.00894	0.08074	1.88E-02	0.00E+00	7.60E-07	6.95E-06	1.88E-02	8.86E-03	6.75E-03	5.70E-05	2.55E-04	1.59E-02	8.42E-03	0.00E+00	7.60E-07	6.95E-06	8.43E-03
5704	486398.84, 3856345.3	4.52437	0.22282	0.00933	0.07632	1.93E-02	0.00E+00	7.93E-07	6.57E-06	1.93E-02	9.09E-03	7.02E-03	5.95E-05	2.41E-04	1.64E-02	8.64E-03	0.00E+00	7.93E-07	6.57E-06	8.65E-03
5705	486473.51, 3856408.77	4.51014	0.22773	0.00978	0.07153	1.92E-02	0.00E+00	8.32E-07	6.16E-06	1.92E-02	9.06E-03	7.17E-03	6.24E-05	2.26E-04	1.65E-02	8.61E-03	0.00E+00	8.32E-07	6.16E-06	8.62E-03
5706	486548.17, 3856472.24	4.64481	0.23588	0.01026	0.06614	1.98E-02	0.00E+00	8.73E-07	5.70E-06	1.98E-02	9.33E-03	7.43E-03	6.54E-05	2.09E-04	1.70E-02	8.87E-03	0.00E+00	8.73E-07	5.70E-06	8.88E-03
5707	486622.84, 3856535.7	4.78632	0.24394	0.01079	0.06046	2.04E-02	0.00E+00	9.18E-07	5.21E-06	2.04E-02	9.61E-03	7.68E-03	6.88E-05	1.91E-04	1.76E-02	9.14E-03	0.00E+00	9.18E-07	5.21E-06	9.15E-03
5708	486765.48, 3856659.69	5.15387	0.26188	0.01198	0.04989	2.19E-02	0.00E+00	1.02E-06	4.30E-06	2.20E-02	1.04E-02	8.25E-03	7.64E-05	1.58E-04	1.88E-02	9.84E-03	0.00E+00	1.02E-06	4.30E-06	9.85E-03
5709	486833.44, 3856720.2	5.32299	0.26819	0.01267	0.04557	2.27E-02	0.00E+00	1.08E-06	3.92E-06	2.27E-02	1.07E-02	8.45E-03	8.08E-05	1.44E-04	1.94E-02	1.02E-02	0.00E+00	1.08E-06	3.92E-06	1.02E-02
5710	486901.41, 3856780.72	5.40448	0.27604	0.01343	0.04179	2.30E-02	0.00E+00	1.14E-06	3.60E-06	2.30E-02	1.09E-02	8.70E-03	8.57E-05	1.32E-04	1.98E-02	1.03E-02	0.00E+00	1.14E-06	3.60E-06	1.03E-02
5711	486969.38, 3856841.24	5.43395	0.28171	0.01432	0.03859	2.31E-02	0.00E+00	1.22E-06	3.32E-06	2.31E-02	1.09E-02	8.87E-03	9.13E-05	1.22E-04	2.00E-02	1.04E-02	0.00E+00	1.22E-06	3.32E-06	1.04E-02
5712	487037.34, 3856901.75	5.41567	0.28632	0.01535	0.03587	2.31E-02	0.00E+00	1.31E-06	3.09E-06	2.31E-02	1.09E-02	9.02E-03	9.79E-05	1.13E-04	2.01E-02	1.03E-02	0.00E+00	1.31E-06	3.09E-06	1.03E-02
5713	487271.23, 3856855.51	3.07217	0.2629	0.01732	0.03474	1.31E-02	0.00E+00	1.47E-06	2.99E-06	1.31E-02	6.17E-03	8.28E-03	1.10E-04	1.10E-04	1.47E-02	5.87E-03	0.00E+00	1.47E-06	2.99E-06	5.87E-03
5714	487368.96, 3856857.29	2.67613	0.25684	0.01891	0.03387	1.14E-02	0.00E+00	1.61E-06	2.92E-06	1.14E-02	5.38E-03	8.09E-03	1.21E-04	1.07E-04	1.37E-02	5.11E-03	0.00E+00	1.61E-06	2.92E-06	5.12E-03
5715	487466.68, 3856859.06	2.35144	0.25205	0.02077	0.03308	1.00E-02	0.00E+00	1.77E-06	2.85E-06	1.00E-02	4.72E-03	7.94E-03	1.32E-04	1.04E-04	1.29E-02	4.49E-03	0.00E+00	1.77E-06	2.85E-06	4.50E-03
5716	487636.44, 3856930	1.90808	0.2501	0.02572	0.03067	8.13E-03	0.00E+00	2.19E-06	2.64E-06	8.13E-03	3.83E-03	7.88E-03	1.64E-04	9.68E-05	1.20E-02	3.64E-03	0.00E+00	2.19E-06	2.64E-06	3.65E-03
5717	487709.57, 3856928.43	1.74707	0.24691	0.02782	0.03033	7.44E-03	0.00E+00	2.37E-06	2.61E-06	7.45E-03	3.51E-03	7.78E-03	1.77E-04	9.58E-05	1.16E-02	3.34E-03	0.00E+00	2.37E-06	2.61E-06	3.34E-03
5718	487782.55, 3856841.96	1.63974	0.23362	0.02752	0.03121	6.98E-03	0.00E+00	2.34E-06	2.69E-06	6.99E-03	3.29E-03	7.36E-03	1.76E-04	9.85E-05	1.09E-02	3.13E-03	0.00E+00	2.34E-06	2.69E-06	3.14E-03
5719	487849.83, 3856754.74	1.52427	0.22142	0.02544	0.03208	6.49E-03	0.00E+00	2.16E-06	2.76E-06	6.50E-03	3.06E-03	6.97E-03	1.62E-04	1.01E-04	1.03E-02	2.91E-03	0.00E+00	2.16E-06	2.76E-06	2.92E-03

5720	487918.03, 3856819.39	1.44251	0.22688	0.02603	0.03071	6.14E-03	0.00E+00	2.21E-06	2.64E-06	6.15E-03	2.90E-03	7.15E-03	1.66E-04	9.70E-05	1.03E-02	2.76E-03	0.00E+00	2.21E-06	2.64E-06	2.76E-03
5721	487918.8, 3856886.37	1.42328	0.2342	0.028	0.02989	6.06E-03	0.00E+00	2.38E-06	2.57E-06	6.07E-03	2.86E-03	7.38E-03	1.79E-04	9.44E-05	1.05E-02	2.72E-03	0.00E+00	2.38E-06	2.57E-06	2.72E-03
5722	488065.47, 3857127.51	1.01549	0.24663	0.03468	0.02767	4.32E-03	0.00E+00	2.95E-06	2.38E-06	4.33E-03	2.04E-03	7.77E-03	2.21E-04	8.74E-05	1.01E-02	1.94E-03	0.00E+00	2.95E-06	2.38E-06	1.94E-03
5723	488192.19, 3857385.84	0.62498	0.26965	0.05623	0.02894	2.66E-03	0.00E+00	4.78E-06	2.49E-06	2.67E-03	1.26E-03	8.49E-03	3.59E-04	9.14E-05	1.02E-02	1.19E-03	0.00E+00	4.78E-06	2.49E-06	1.20E-03
5724	488191.22, 3857473.87	0.53447	0.28212	0.06988	0.0305	2.28E-03	0.00E+00	5.94E-06	2.63E-06	2.28E-03	1.07E-03	8.89E-03	4.46E-04	9.63E-05	1.05E-02	1.02E-03	0.00E+00	5.94E-06	2.63E-06	1.03E-03
5725	488190.24, 3857561.91	0.4564	0.29618	0.08983	0.03265	1.94E-03	0.00E+00	7.64E-06	2.81E-06	1.95E-03	9.17E-04	9.33E-03	5.73E-04	1.03E-04	1.09E-02	8.72E-04	0.00E+00	7.64E-06	2.81E-06	8.82E-04
5726	488158.35, 3857691.13	0.36384	0.32075	0.1395	0.03689	1.55E-03	0.00E+00	1.19E-05	3.18E-06	1.56E-03	7.31E-04	1.01E-02	8.90E-04	1.16E-04	1.18E-02	6.95E-04	0.00E+00	1.19E-05	3.18E-06	7.10E-04
5727	488208.37, 3857816.66	0.29415	0.34579	0.43154	0.04219	1.25E-03	0.00E+00	3.67E-05	3.63E-06	1.29E-03	5.91E-04	1.09E-02	2.75E-03	1.33E-04	1.44E-02	5.62E-04	0.00E+00	3.67E-05	3.63E-06	6.02E-04
5728	488271.97, 3857874.6	0.26914	0.35682	1.95896	0.04498	1.15E-03	0.00E+00	1.67E-04	3.87E-06	1.32E-03	5.41E-04	1.12E-02	1.25E-02	1.42E-04	2.44E-02	5.14E-04	0.00E+00	1.67E-04	3.87E-06	6.85E-04
5729	488463.56, 3857942.31	0.24501	0.36308	3.09866	0.04785	1.04E-03	0.00E+00	2.64E-04	4.12E-06	1.31E-03	4.92E-04	1.14E-02	1.98E-02	1.51E-04	3.18E-02	4.68E-04	0.00E+00	2.64E-04	4.12E-06	7.36E-04
5730	488554.83, 3857940.83	0.24681	0.35539	2.38479	0.04719	1.05E-03	0.00E+00	2.03E-04	4.06E-06	1.26E-03	4.96E-04	1.12E-02	1.52E-02	1.49E-04	2.71E-02	4.71E-04	0.00E+00	2.03E-04	4.06E-06	6.78E-04
5731	488646.1, 3857939.36	0.2484	0.34765	1.87028	0.04649	1.06E-03	0.00E+00	1.59E-04	4.00E-06	1.22E-03	4.99E-04	1.10E-02	1.19E-02	1.47E-04	2.35E-02	4.74E-04	0.00E+00	1.59E-04	4.00E-06	6.37E-04
5732	488737.37, 3857937.88	0.24962	0.34003	1.5018	0.04576	1.06E-03	0.00E+00	1.28E-04	3.94E-06	1.19E-03	5.01E-04	1.07E-02	9.58E-03	1.44E-04	2.09E-02	4.77E-04	0.00E+00	1.28E-04	3.94E-06	6.08E-04
5733	488733.59, 3857960.57	0.24252	0.34538	1.46815	0.04683	1.03E-03	0.00E+00	1.25E-04	4.03E-06	1.16E-03	4.87E-04	1.09E-02	9.36E-03	1.48E-04	2.09E-02	4.63E-04	0.00E+00	1.25E-04	4.03E-06	5.92E-04
5734	488638.09, 3857961.57	0.24103	0.35359	1.85739	0.04768	1.03E-03	0.00E+00	1.58E-04	4.11E-06	1.19E-03	4.84E-04	1.11E-02	1.18E-02	1.51E-04	2.36E-02	4.60E-04	0.00E+00	1.58E-04	4.11E-06	6.22E-04
5735	488542.6, 3857962.56	0.23917	0.36221	2.42238	0.04851	1.02E-03	0.00E+00	2.06E-04	4.18E-06	1.23E-03	4.80E-04	1.14E-02	1.55E-02	1.53E-04	2.75E-02	4.57E-04	0.00E+00	2.06E-04	4.18E-06	6.67E-04
5736	488447.1, 3857963.56	0.23749	0.37029	3.25513	0.04926	1.01E-03	0.00E+00	2.77E-04	4.24E-06	1.29E-03	4.77E-04	1.17E-02	2.08E-02	1.56E-04	3.31E-02	4.54E-04	0.00E+00	2.77E-04	4.24E-06	7.35E-04
5737	488254.28, 3857890.36	0.26259	0.36256	2.1997	0.046	1.12E-03	0.00E+00	1.87E-04	3.96E-06	1.31E-03	5.27E-04	1.14E-02	1.40E-02	1.45E-04	2.61E-02	5.02E-04	0.00E+00	1.87E-04	3.96E-06	6.93E-04
5738	488191.69, 3857833.06	0.28661	0.35038	0.44025	0.04311	1.22E-03	0.00E+00	3.74E-05	3.71E-06	1.26E-03	5.76E-04	1.10E-02	2.81E-03	1.36E-04	1.46E-02	5.47E-04	0.00E+00	3.74E-05	3.71E-06	5.89E-04
5739	488129.5, 3857907.43	0.25672	0.37648	0.47575	0.04787	1.09E-03	0.00E+00	4.05E-05	4.12E-06	1.14E-03	5.16E-04	1.19E-02	3.03E-03	1.51E-04	1.56E-02	4.90E-04	0.00E+00	4.05E-05	4.12E-06	5.35E-04
5740	488196.47, 3857968.74	0.23613	0.39095	4.22819	0.05163	1.01E-03	0.00E+00	3.60E-04	4.45E-06	1.37E-03	4.74E-04	1.23E-02	2.70E-02	1.63E-04	3.99E-02	4.51E-04	0.00E+00	3.60E-04	4.45E-06	8.15E-04
5741	488263.44, 3858030.04	0.21868	0.4049	4.22613	0.05566	9.31E-04	0.00E+00	3.59E-04	4.79E-06	1.30E-03	4.39E-04	1.28E-02	2.70E-02	1.76E-04	4.03E-02	4.18E-04	0.00E+00	3.59E-04	4.79E-06	7.82E-04
5742	488400.64, 3858132.9	0.19358	0.42708	1.1082	0.06176	8.24E-04	0.00E+00	9.42E-05	5.32E-06	9.24E-04	3.89E-04	1.35E-02	7.07E-03	1.95E-04	2.11E-02	3.70E-04	0.00E+00	9.42E-05	5.32E-06	4.69E-04
5743	488519.89, 3858218.38	0.17452	0.45164	0.4968	0.06494	7.43E-04	0.00E+00	4.23E-05	5.59E-06	7.91E-04	3.51E-04	1.42E-02	3.17E-03	2.05E-04	1.80E-02	3.33E-04	0.00E+00	4.23E-05	5.59E-06	3.81E-04
5744	488647.97, 3858214.99	0.17437	0.43197	0.4881	0.06084	7.43E-04	0.00E+00	4.15E-05	5.24E-06	7.89E-04	3.50E-04	1.36E-02	3.11E-03	1.92E-04	1.73E-02	3.33E-04	0.00E+00	4.15E-05	5.24E-06	3.80E-04
5745	488727.05, 3858167.67	0.18499	0.40552	0.59522	0.05647	7.88E-04	0.00E+00	5.06E-05	4.86E-06	8.43E-04	3.72E-04	1.28E-02	3.80E-03	1.78E-04	1.71E-02	3.53E-04	0.00E+00	5.06E-05	4.86E-06	4.09E-04
5746	488806.12, 3858120.35	0.19795	0.38187	0.69312	0.05276	8.43E-04	0.00E+00	5.89E-05	4.54E-06	9.06E-04	3.98E-04	1.20E-02	4.42E-03	1.67E-04	1.70E-02	3.78E-04	0.00E+00	5.89E-05	4.54E-06	4.42E-04
5747	488885.2, 3858073.03	0.21178	0.36087	0.76312	0.0496	9.02E-04	0.00E+00	6.49E-05	4.27E-06	9.71E-04	4.25E-04	1.14E-02	4.87E-03	1.57E-04	1.68E-02	4.04E-04	0.00E+00	6.49E-05	4.27E-06	4.74E-04
5748	489055.76, 3857991.18	0.23505	0.32606	0.74682	0.04474	1.00E-03	0.00E+00	6.35E-05	3.85E-06	1.07E-03	4.72E-04	1.03E-02	4.76E-03	1.41E-04	1.56E-02	4.49E-04	0.00E+00	6.35E-05	3.85E-06	5.16E-04
5749	489245.39, 3857944.55	0.24618	0.29958	0.61427	0.04158	1.05E-03	0.00E+00	5.22E-05	3.58E-06	1.10E-03	4.94E-04	9.44E-03	3.92E-03	1.31E-04	1.40E-02	4.70E-04	0.00E+00	5.22E-05	3.58E-06	5.26E-04
5750	489430.63, 3857930.91	0.2455	0.28411	0.5009	0.0398	1.05E-03	0.00E+00	4.26E-05	3.43E-06	1.09E-03	4.93E-04	8.95E-03	3.20E-03	1.26E-04	1.28E-02	4.69E-04	0.00E+00	4.26E-05	3.43E-06	5.15E-04
5751	489517.74, 3857929.36	0.24357	0.27822	0.45803	0.03923	1.04E-03	0.00E+00	3.90E-05	3.38E-06	1.08E-03	4.89E-04	8.76E-03	2.92E-03	1.24E-04	1.23E-02	4.65E-04	0.00E+00	3.90E-05	3.38E-06	5.08E-04
5752	489604.86, 3857927.82	0.24161	0.27206	0.42152	0.03873	1.03E-03	0.00E+00	3.58E-05	3.34E-06	1.07E-03	4.85E-04	8.57E-03	2.69E-03	1.22E-04	1.19E-02	4.61E-04	0.00E+00	3.58E-05	3.34E-06	5.01E-04
5753	489691.97, 3857926.28	0.23916	0.26703	0.39054	0.03831	1.02E-03	0.00E+00	3.32E-05	3.30E-06	1.06E-03	4.80E-04	8.41E-03	2.49E-03	1.21E-04	1.15E-02	4.57E-04	0.00E+00	3.32E-05	3.30E-06	4.93E-04
5754	489779.08, 3857924.73	0.23667	0.26177	0.36373	0.03796	1.01E-03	0.00E+00	3.09E-05	3.27E-06	1.04E-03	4.75E-04	8.25E-03	2.32E-03	1.20E-04	1.12E-02	4.52E-04	0.00E+00	3.09E-05	3.27E-06	4.86E-04
5755	490017.55, 3857875.09	0.23784	0.24085	0.31736	0.0365	1.01E-03	0.00E+00	2.70E-05	3.14E-06	1.04E-03	4.78E-04	7.59E-03	2.02E-03	1.15E-04	1.02E-02	4.54E-04	0.00E+00	2.70E-05	3.14E-06	4.84E-04
5756	490033.82, 3857960.81	0.22161	0.25406	0.29109	0.03812	9.44E-04	0.00E+00	2.48E-05	3.28E-06	9.72E-04	4.45E-04	8.00E-03	1.86E-03	1.20E-04	1.04E-02	4.23E-04	0.00E+00	2.48E-05	3.28E-06	4.51E-04
5757	489959.15, 3857987.49	0.21888	0.26391	0.29701	0.03881	9.32E-04	0.00E+00	2.53E-05	3.34E-06	9.61E-04	4.40E-04	8.31E-03	1.89E-03	1.23E-04	1.08E-02	4.18E-04	0.00E+00	2.53E-05	3.34E-06	4.47E-04
5758	489791.49, 3858016.12	0.21929	0.27537	0.32153	0.03988	9.34E-04	0.00E+00	2.73E-05	3.43E-06	9.65E-04	4.40E-04	8.67E-03	2.05E-03	1.26E-04	1.13E-02	4.19E-04	0.00E+00	2.73E-05	3.43E-06	4.50E-04
5759	489698.51, 3858018.07	0.22116	0.28166	0.34468	0.04027	9.42E-04	0.00E+00	2.93E-05	3.47E-06	9.75E-04	4.44E-04	8.87E-03	2.20E-03	1.27E-04	1.16E-02	4.22E-04	0.00E+00	2.93E-05	3.47E-06	4.55E-04
5760	489605.52, 3858020.02	0.22279	0.28821	0.37155	0.04075	9.49E-04	0.00E+00	3.16E-05	3.51E-06	9.84E-04	4.47E-04	9.08E-03	2.37E-03	1.29E-04	1.20E-02	4.26E-04	0.00E+00	3.16E-05	3.51E-06	4.61E-04
5761	489512.53, 3858021.96	0.2241	0.29502	0.40302	0.04133	9.54E-04	0.00E+00	3.43E-05	3.56E-06	9.92E-04	4.50E-04	9.29E-03	2.57E-03	1.30E-04	1.24E-02	4.28E-04	0.00E+00	3.43E-05	3.56E-06	4.66E-04
5762	489419.55, 3858023.91	0.22487	0.30276	0.4405	0.04202	9.58E-04	0.00E+00	3.75E-05	3.62E-06	9.99E-04	4.52E-04	9.54E-03	2.81E-03	1.33E-04	1.29E-02	4.29E-04	0.00E+00	3.75E-05	3.62E-06	4.71E-04
5763	489228.47, 3858041.29	0.22364	0.31858	0.5228	0.04418	9.52E-04	0.00E+00	4.45E-05	3.80E-06	1.00E-03	4.49E-04	1.00E-02	3.33E-03	1.39E-04	1.40E-02	4.27E-04	0.00E+00	4.45E-05	3.80E-06	4.75E-04
5764	489065.75, 3858085.78	0.21176	0.34513	0.56643	0.04752	9.02E-04	0.00E+00	4.82E-05	4.09E-06	9.54E-04	4.25E-04	1.09E-02	3.61E-03	1.50E-04	1.51E-02	4.04E-04	0.00E+00	4.82E-05	4.09E-06	4.57E-04
5765	489001.12, 3858114.86	0.20379	0.35849	0.55384	0.04938	8.68E-04	0.00E+00	4.71E-05	4.25E-06	9.19E-04	4.09E-04	1.13E-02	3.53E-03	1.56E-04	1.54E-02	3.89E-04	0.00E+00	4.71E-05	4.25E-06	4.41E-04
5766	488861.89, 3858189.81	0.18364	0.39256	0.46756	0.05448	7.82E-04	0.00E+00	3.98E-05	4.69E-06	8.27E-04	3.69E-04	1.24E-02	2.98E-03	1.72E-04	1.59E-02	3.51E-04	0.00E+00	3.98E-05	4.69E-06	3.95E-04
5767	488787.29, 3858235.69	0.17207	0.41818	0.3976	0.05818	7.33E-04	0.00E+00	3.38E-05	5.01E-06	7.72E-04	3.46E-04	1.32E-02	2.54E-03	1.84E-04	1.62E-02	3.29E-04	0.00E+00	3.38E-05	5.01E-06	3.67E-04
5768	488712.68, 3858281.57	0.16367	0.44308	0.32579	0.06244	6.97E-04	0.00E+00	2.77E-05	5.38E-06	7.30E-04	3.29E-04	1.40E-02	2.08E-03	1.97E-04	1.66E-02	3.13E-04	0.00E+00	2.77E-05	5.38E-06	3.46E-04
5769	488654.39, 3858436.17	0.14441	0.51877	0.11625	0.07348	6.15E-04	0.00E+00	9.89E-06	6.33E-06	6.31E-04	2.90E-04	1.63E-02	7.42E-04	2.32E-04	1.76E-02	2.76E-04	0.00E+00	9.89E-06	6.33E-06	2.92E-04
5770	488726.31, 3858505.26	0.13662	0.53935	0.08853	0.0737	5.82E-04	0.00E+00	7.53E-06	6.35E-06	5.96E-04	2.74E-04	1.70E-02	5.65E-04	2.33E-04	1.81E-02	2.61E-04	0.00E+00	7.53E-06	6.35E-06	2.75E-04
5771	488880.6, 3858599.28	0.12634	0.57679	0.07043	0.07153	5.38E-04	0.00E+00	5.99E-06	6.16E-06	5.50E-04	2.54E-04	1.82E-02	4.49E-04	2.26E-04	1.91E-02	2.41E-04	0.00E+00	5.99E-06	6.16E-06	2.53E-04
5772	489008.06, 3858714.75	0.11627	0.66789	0.05244	0.07453	4.95E-04	0.00E+00	4.46E-06	6.42E-06	5.06E-04	2.34E-04	2.10E-02	3.34E-04	2.35E-04	2.18E-02	2.22E-04	0.00E+00	4.46E-06	6.42E-06	2.33E-04
5773	489071.48, 3858772.72	0.1118	0.71924	0.04638	0.07709	4.76E-04	0.00E+00	3.94E-06	6.64E-06	4.87E-04	2.25E-04	2.27E-02	2.96E-04	2.43E-04	2.34E-02	2.14E-04	0.00E+00	3.94E-06	6.64E-06	2.24E-04
5774	489244.6, 3858920.2	0.10135	0.82039	0.03608	0.08793	4.32E-04	0.00E+00	3.07E-06	7.57E-06	4.42E-04	2.04E-04	2.58E-02	2.30E-04	2.78E-04	2.66E-02	1.94E-04	0.00E+00	3.07E-06	7.57E-06	2.04E-04
5775	489239.69, 3858952.23	0.09987	0.86076	0.03342	0.09152	4.25E-04	0.00E+00	2.84E-06	7.88E-06	4.36E-04	2.01E-04	2.71E-02	2.13E-04	2.89E-04	2.78E-02	1.91E-04	0.00E+00	2.84E-06	7.88E-06	2.01E-04
5776	489121.67, 3858854.49	0.10646	0.81137	0.03852	0.0836	4.53E-04	0.00E+00	3.28E-06	7.20E-06	4.64E-04	2.14E-04	2.56E-02	2.46E-04	2.64E-04	2.63E-02	2.03E-04	0.00E+00	3.28E-06	7.20E-06	2.14E-04
5777	489059.59, 3858797.27	0.11053	0.75913	0.04265	0.07934	4.71E-04	0.00E+00	3.63E-06	6.83E-06	4.81E-04	2.22E-04	2.39E-02	2.72E-04	2.51E-04	2.47E-02	2.11E-04	0.00E+00	3.63E-06	6.83E-06	2.22E-04
5778	488997.52, 3858740.04	0.11497	0.70165	0.0478	0.07641	4.90E-04	0.00E+00	4.07E-06	6.58E-06	5.00E-04	2.31E-04	2.21E-02	3.05E-04	2.41E-04	2.29E-02	2.20E-04	0.00E+00	4.07E-06	6.58E-06	2.30E-04

5779	488935.44, 3858682.82	0.11954	0.64895	0.05423	0.07424	5.09E-04	0.00E+00	4.61E-06	6.39E-06	5.20E-04	2.40E-04	2.04E-02	3.46E-04	2.34E-04	2.13E-02	2.28E-04	0.00E+00	4.61E-06	6.39E-06	2.39E-04
5780	488869.17, 3858848.43	0.11	0.98087	0.03055	0.08905	4.68E-04	0.00E+00	2.60E-06	7.67E-06	4.79E-04	2.21E-04	3.09E-02	1.95E-04	2.81E-04	3.16E-02	2.10E-04	0.00E+00	2.60E-06	7.67E-06	2.20E-04
5781	488932.48, 3858892.69	0.10669	1.03909	0.02923	0.0921	4.54E-04	0.00E+00	2.49E-06	7.93E-06	4.65E-04	2.14E-04	3.27E-02	1.86E-04	2.91E-04	3.34E-02	2.04E-04	0.00E+00	2.49E-06	7.93E-06	2.14E-04
5782	489063.27, 3858977.17	0.101	1.06676	0.02739	0.1001	4.30E-04	0.00E+00	2.33E-06	8.62E-06	4.41E-04	2.03E-04	3.36E-02	1.75E-04	3.16E-04	3.43E-02	1.93E-04	0.00E+00	2.33E-06	8.62E-06	2.04E-04
5783	489248.2, 3859117.15	0.09262	0.99477	0.02436	0.11244	3.94E-04	0.00E+00	2.07E-06	9.68E-06	4.06E-04	1.86E-04	3.13E-02	1.55E-04	3.55E-04	3.20E-02	1.77E-04	0.00E+00	2.07E-06	9.68E-06	1.89E-04
5784	489296.25, 3859049.22	0.09471	0.90933	0.02846	0.10066	4.03E-04	0.00E+00	2.42E-06	8.67E-06	4.14E-04	1.90E-04	2.86E-02	1.82E-04	3.18E-04	2.93E-02	1.81E-04	0.00E+00	2.42E-06	8.67E-06	1.92E-04
5785	489353.38, 3858993.97	0.09633	0.82126	0.03296	0.09209	4.10E-04	0.00E+00	2.80E-06	7.93E-06	4.21E-04	1.93E-04	2.59E-02	2.10E-04	2.91E-04	2.66E-02	1.84E-04	0.00E+00	2.80E-06	7.93E-06	1.95E-04
5786	489537.25, 3859120.22	0.08877	0.7732	0.02883	0.09839	3.78E-04	0.00E+00	2.45E-06	8.47E-06	3.89E-04	1.78E-04	2.44E-02	1.84E-04	3.11E-04	2.50E-02	1.70E-04	0.00E+00	2.45E-06	8.47E-06	1.80E-04
5787	489726.98, 3859246.04	0.08185	0.70164	0.02563	0.09796	3.49E-04	0.00E+00	2.18E-06	8.44E-06	3.59E-04	1.64E-04	2.21E-02	1.63E-04	3.09E-04	2.27E-02	1.56E-04	0.00E+00	2.18E-06	8.44E-06	1.67E-04
5788	489911.46, 3859366.33	0.07622	0.62461	0.02337	0.09194	3.25E-04	0.00E+00	1.99E-06	7.92E-06	3.34E-04	1.53E-04	1.97E-02	1.49E-04	2.90E-04	2.03E-02	1.46E-04	0.00E+00	1.99E-06	7.92E-06	1.55E-04
5789	490035.3, 3859430.26	0.07282	0.58832	0.02218	0.08726	3.10E-04	0.00E+00	1.89E-06	7.51E-06	3.20E-04	1.46E-04	1.85E-02	1.41E-04	2.76E-04	1.91E-02	1.39E-04	0.00E+00	1.89E-06	7.51E-06	1.48E-04
5790	490101.11, 3859458.61	0.07145	0.56811	0.02183	0.0843	3.04E-04	0.00E+00	1.86E-06	7.26E-06	3.13E-04	1.44E-04	1.79E-02	1.39E-04	2.66E-04	1.84E-02	1.36E-04	0.00E+00	1.86E-06	7.26E-06	1.46E-04
5791	490312.68, 3859560.3	0.06711	0.5134	0.02055	0.07431	2.86E-04	0.00E+00	1.75E-06	6.40E-06	2.94E-04	1.35E-04	1.62E-02	1.31E-04	2.35E-04	1.67E-02	1.28E-04	0.00E+00	1.75E-06	6.40E-06	1.36E-04
5792	490401.63, 3859603.12	0.06551	0.49313	0.0201	0.06992	2.79E-04	0.00E+00	1.71E-06	6.02E-06	2.87E-04	1.32E-04	1.55E-02	1.28E-04	2.21E-04	1.60E-02	1.25E-04	0.00E+00	1.71E-06	6.02E-06	1.33E-04
5793	490490.57, 3859645.94	0.06403	0.47391	0.0197	0.06557	2.73E-04	0.00E+00	1.68E-06	5.65E-06	2.80E-04	1.29E-04	1.49E-02	1.26E-04	2.07E-04	1.54E-02	1.22E-04	0.00E+00	1.68E-06	5.65E-06	1.30E-04
5794	490579.51, 3859688.76	0.06269	0.45491	0.01936	0.06135	2.67E-04	0.00E+00	1.65E-06	5.28E-06	2.74E-04	1.26E-04	1.43E-02	1.23E-04	1.94E-04	1.48E-02	1.20E-04	0.00E+00	1.65E-06	5.28E-06	1.27E-04
5795	490668.45, 3859731.58	0.06153	0.43476	0.01914	0.05735	2.62E-04	0.00E+00	1.63E-06	4.94E-06	2.69E-04	1.24E-04	1.37E-02	1.22E-04	1.81E-04	1.41E-02	1.18E-04	0.00E+00	1.63E-06	4.94E-06	1.24E-04
5796	490757.4, 3859774.4	0.06009	0.42039	0.01865	0.05378	2.56E-04	0.00E+00	1.59E-06	4.63E-06	2.62E-04	1.21E-04	1.32E-02	1.19E-04	1.70E-04	1.37E-02	1.15E-04	0.00E+00	1.59E-06	4.63E-06	1.21E-04
5797	491003.53, 3859861.82	0.0575	0.37967	0.01809	0.04595	2.45E-04	0.00E+00	1.54E-06	3.96E-06	2.50E-04	1.15E-04	1.20E-02	1.15E-04	1.45E-04	1.23E-02	1.10E-04	0.00E+00	1.54E-06	3.96E-06	1.15E-04
5798	491081.41, 3859879.05	0.05695	0.36897	0.018	0.04413	2.43E-04	0.00E+00	1.53E-06	3.80E-06	2.48E-04	1.14E-04	1.16E-02	1.15E-04	1.39E-04	1.20E-02	1.09E-04	0.00E+00	1.53E-06	3.80E-06	1.14E-04
5799	491229.76, 3859917.82	0.05579	0.34917	0.01767	0.04089	2.38E-04	0.00E+00	1.50E-06	3.52E-06	2.43E-04	1.12E-04	1.10E-02	1.13E-04	1.29E-04	1.14E-02	1.07E-04	0.00E+00	1.50E-06	3.52E-06	1.12E-04
5800	491300.22, 3859939.35	0.05512	0.34014	0.01742	0.03945	2.35E-04	0.00E+00	1.48E-06	3.40E-06	2.40E-04	1.11E-04	1.07E-02	1.11E-04	1.25E-04	1.11E-02	1.05E-04	0.00E+00	1.48E-06	3.40E-06	1.10E-04
5801	491350.49, 3860012.03	0.05275	0.33049	0.01627	0.03733	2.25E-04	0.00E+00	1.38E-06	3.21E-06	2.29E-04	1.06E-04	1.04E-02	1.04E-04	1.18E-04	1.07E-02	1.01E-04	0.00E+00	1.38E-06	3.21E-06	1.05E-04
5802	491406.82, 3860092.57	0.05056	0.3172	0.01531	0.0348	2.15E-04	0.00E+00	1.30E-06	3.00E-06	2.20E-04	1.02E-04	9.99E-03	9.77E-05	1.10E-04	1.03E-02	9.66E-05	0.00E+00	1.30E-06	3.00E-06	1.01E-04
5803	491483.37, 3860121.96	0.04994	0.30594	0.01516	0.03327	2.13E-04	0.00E+00	1.29E-06	2.86E-06	2.17E-04	1.00E-04	9.64E-03	9.67E-05	1.05E-04	9.94E-03	9.54E-05	0.00E+00	1.29E-06	2.86E-06	9.95E-05
5804	491559.91, 3860151.36	0.04929	0.29508	0.01498	0.03181	2.10E-04	0.00E+00	1.27E-06	2.74E-06	2.14E-04	9.90E-05	9.30E-03	9.56E-05	1.00E-04	9.59E-03	9.41E-05	0.00E+00	1.27E-06	2.74E-06	9.82E-05
5805	491711.81, 3860237.76	0.04858	0.26787	0.01518	0.028	2.07E-04	0.00E+00	1.29E-06	2.41E-06	2.11E-04	9.76E-05	8.44E-03	9.68E-05	8.84E-05	8.72E-03	9.28E-05	0.00E+00	1.29E-06	2.41E-06	9.65E-05
5806	491755.2, 3860319.07	0.04542	0.25818	0.01353	0.02595	1.93E-04	0.00E+00	1.15E-06	2.23E-06	1.97E-04	9.12E-05	8.13E-03	8.63E-05	8.19E-05	8.39E-03	8.67E-05	0.00E+00	1.15E-06	2.23E-06	9.01E-05
5807	491704.71, 3860366.54	0.04451	0.25671	0.013	0.02516	1.90E-04	0.00E+00	1.11E-06	2.17E-06	1.93E-04	8.94E-05	8.09E-03	8.29E-05	7.94E-05	8.34E-03	8.50E-05	0.00E+00	1.11E-06	2.17E-06	8.83E-05
5808	491623.43, 3860462.39	0.04283	0.25054	0.01204	0.02332	1.82E-04	0.00E+00	1.02E-06	2.01E-06	1.85E-04	8.60E-05	7.89E-03	7.68E-05	7.36E-05	8.13E-03	8.18E-05	0.00E+00	1.02E-06	2.01E-06	8.48E-05
5809	491534.02, 3860439.85	0.04465	0.26076	0.01273	0.02457	1.90E-04	0.00E+00	1.08E-06	2.12E-06	1.93E-04	8.97E-05	8.21E-03	8.12E-05	7.76E-05	8.46E-03	8.53E-05	0.00E+00	1.08E-06	2.12E-06	8.85E-05
5810	491313.95, 3860268.18	0.04635	0.30541	0.01305	0.03003	1.97E-04	0.00E+00	1.11E-06	2.59E-06	2.01E-04	9.31E-05	9.62E-03	8.32E-05	9.48E-05	9.89E-03	8.85E-05	0.00E+00	1.11E-06	2.59E-06	9.22E-05
5811	491187.12, 3860143.56	0.04936	0.33822	0.01413	0.03561	2.10E-04	0.00E+00	1.20E-06	3.07E-06	2.14E-04	9.91E-05	1.07E-02	9.01E-05	1.12E-04	1.10E-02	9.43E-05	0.00E+00	1.20E-06	3.07E-06	9.85E-05
5812	491070.43, 3860075.97	0.05124	0.36157	0.01471	0.03953	2.18E-04	0.00E+00	1.25E-06	3.40E-06	2.23E-04	1.03E-04	1.14E-02	9.38E-05	1.25E-04	1.17E-02	9.79E-05	0.00E+00	1.25E-06	3.40E-06	1.03E-04
5813	490995.09, 3860039.39	0.05227	0.37587	0.015	0.04176	2.23E-04	0.00E+00	1.28E-06	3.60E-06	2.27E-04	1.05E-04	1.18E-02	9.57E-05	1.32E-04	1.22E-02	9.98E-05	0.00E+00	1.28E-06	3.60E-06	1.05E-04
5814	490919.75, 3860002.8	0.05335	0.39032	0.01531	0.04408	2.27E-04	0.00E+00	1.30E-06	3.80E-06	2.32E-04	1.07E-04	1.23E-02	9.77E-05	1.39E-04	1.26E-02	1.02E-04	0.00E+00	1.30E-06	3.80E-06	1.07E-04
5815	490756.81, 3859894.53	0.05671	0.42129	0.01652	0.05038	2.42E-04	0.00E+00	1.40E-06	4.34E-06	2.47E-04	1.14E-04	1.33E-02	1.05E-04	1.59E-04	1.36E-02	1.08E-04	0.00E+00	1.40E-06	4.34E-06	1.14E-04
5816	490668.07, 3859860.92	0.05766	0.43915	0.01665	0.05377	2.46E-04	0.00E+00	1.42E-06	4.63E-06	2.52E-04	1.16E-04	1.38E-02	1.06E-04	1.70E-04	1.42E-02	1.10E-04	0.00E+00	1.42E-06	4.63E-06	1.16E-04
5817	490579.34, 3859827.3	0.05885	0.45624	0.0169	0.05734	2.51E-04	0.00E+00	1.44E-06	4.94E-06	2.57E-04	1.18E-04	1.44E-02	1.08E-04	1.81E-04	1.48E-02	1.12E-04	0.00E+00	1.44E-06	4.94E-06	1.19E-04
5818	490490.6, 3859793.68	0.05992	0.47508	0.01704	0.06143	2.55E-04	0.00E+00	1.45E-06	5.29E-06	2.62E-04	1.20E-04	1.50E-02	1.09E-04	1.94E-04	1.54E-02	1.14E-04	0.00E+00	1.45E-06	5.29E-06	1.21E-04
5819	490401.86, 3859760.07	0.06111	0.49481	0.01722	0.06589	2.60E-04	0.00E+00	1.46E-06	5.67E-06	2.67E-04	1.23E-04	1.56E-02	1.10E-04	2.08E-04	1.60E-02	1.17E-04	0.00E+00	1.46E-06	5.67E-06	1.24E-04
5820	490313.12, 3859726.45	0.0625	0.51431	0.01745	0.07067	2.66E-04	0.00E+00	1.48E-06	6.09E-06	2.74E-04	1.26E-04	1.62E-02	1.11E-04	2.23E-04	1.67E-02	1.19E-04	0.00E+00	1.48E-06	6.09E-06	1.27E-04
5821	490224.39, 3859692.83	0.06404	0.53467	0.0177	0.07584	2.73E-04	0.00E+00	1.51E-06	6.53E-06	2.81E-04	1.29E-04	1.68E-02	1.13E-04	2.39E-04	1.73E-02	1.22E-04	0.00E+00	1.51E-06	6.53E-06	1.30E-04
5822	490135.65, 3859659.22	0.06577	0.55426	0.018	0.08135	2.80E-04	0.00E+00	1.53E-06	7.01E-06	2.89E-04	1.32E-04	1.75E-02	1.15E-04	2.57E-04	1.80E-02	1.26E-04	0.00E+00	1.53E-06	7.01E-06	1.34E-04
5823	489918.19, 3859559.23	0.07062	0.61556	0.01889	0.09659	3.01E-04	0.00E+00	1.61E-06	8.32E-06	3.11E-04	1.42E-04	1.94E-02	1.20E-04	3.05E-04	2.00E-02	1.35E-04	0.00E+00	1.61E-06	8.32E-06	1.45E-04
5824	489743.61, 3859486	0.07446	0.68487	0.01923	0.10875	3.17E-04	0.00E+00	1.64E-06	9.36E-06	3.28E-04	1.50E-04	2.16E-02	1.23E-04	3.43E-04	2.22E-02	1.42E-04	0.00E+00	1.64E-06	9.36E-06	1.53E-04
5825	489660.32, 3859440.27	0.07661	0.72895	0.01952	0.11361	3.26E-04	0.00E+00	1.66E-06	9.78E-06	3.38E-04	1.54E-04	2.30E-02	1.25E-04	3.59E-04	2.36E-02	1.46E-04	0.00E+00	1.66E-06	9.78E-06	1.58E-04
5826	489577.04, 3859394.53	0.07886	0.77908	0.01981	0.11814	3.36E-04	0.00E+00	1.68E-06	1.02E-05	3.48E-04	1.58E-04	2.45E-02	1.26E-04	3.73E-04	2.52E-02	1.51E-04	0.00E+00	1.68E-06	1.02E-05	1.62E-04
5827	489493.75, 3859348.8	0.08111	0.83782	0.02005	0.12238	3.45E-04	0.00E+00	1.71E-06	1.05E-05	3.58E-04	1.63E-04	2.64E-02	1.28E-04	3.86E-04	2.71E-02	1.55E-04	0.00E+00	1.71E-06	1.05E-05	1.67E-04
5828	489321.28, 3859240.02	0.08663	0.97515	0.02098	0.12641	3.69E-04	0.00E+00	1.78E-06	1.09E-05	3.82E-04	1.74E-04	3.07E-02	1.34E-04	3.99E-04	3.14E-02	1.65E-04	0.00E+00	1.78E-06	1.09E-05	1.78E-04
5829	489235.41, 3859193.96	0.08937	1.04325	0.0213	0.12579	3.81E-04	0.00E+00	1.81E-06	1.08E-05	3.93E-04	1.80E-04	3.29E-02	1.36E-04	3.97E-04	3.36E-02	1.71E-04	0.00E+00	1.81E-06	1.08E-05	1.83E-04
5830	489149.54, 3859147.89	0.09168	1.13886	0.02146	0.1239	3.90E-04	0.00E+00	1.83E-06	1.07E-05	4.03E-04	1.84E-04	3.59E-02	1.37E-04	3.91E-04	3.66E-02	1.75E-04	0.00E+00	1.83E-06	1.07E-05	1.88E-04
5831	489063.68, 3859101.82	0.09439	1.23019	0.02181	0.12075	4.02E-04	0.00E+00	1.85E-06	1.04E-05	4.14E-04	1.90E-04	3.88E-02	1.39E-04	3.81E-04	3.95E-02	1.80E-04	0.00E+00	1.85E-06	1.04E-05	1.93E-04
5832	488977.81, 3859055.75	0.0972	1.33207	0.02225	0.11586	4.14E-04	0.00E+00	1.89E-06	9.98E-06	4.26E-04	1.95E-04	4.20E-02	1.42E-04	3.66E-04	4.27E-02	1.86E-04	0.00E+00	1.89E-06	9.98E-06	1.98E-04
5833	488891.94, 3859009.69	0.09955	1.49201	0.02261	0.10986	4.24E-04	0.00E+00	1.92E-06	9.46E-06	4.35E-04	2.00E-04	4.70E-02	1.44E-04	3.47E-04	4.77E-02	1.90E-04	0.00E+00	1.92E-06	9.46E-06	2.02E-04
5834	488808, 3859060.73	0.09564	1.97026	0.0199	0.12132	4.07E-04	0.00E+00	1.69E-06	1.04E-05	4.19E-04	1.92E-04	6.21E-02	1.27E-04	3.83E-04	6.28E-02	1.83E-04	0.00E+00	1.69E-06	1.04E-05	1.95E-04
5835	488809.93, 3859157.85	0.08927	2.06723	0.01741	0.1507	3.80E-04	0.00E+00	1.48E-06	1.30E-05	3.95E-04	1.79E-04	6.51E-02	1.11E-04	4.76E-04	6.59E-02	1.71E-04	0.00E+00	1.48E-06	1.30E-05	1.85E-04
5836	488811.86, 3859254.96	0.08334	2.14592	0.01536	0.1855	3.55E-04	0.00E+00	1.31E-06	1.60E-05	3.72E-04	1.67E-04	6.76E-02	9.80E-05	5.86E-04	6.84E-02	1.59E-04	0.00E+00	1.31E-06	1.60E-05	1.76E-04
5837	488813.78, 3859352.07	0.07802	2.19742	0.01366	0.20205	3.32E-04	0.00E+00	1.16E-06	1.74E-05	3.51E-04	1.57E-04	6.92E-02	8.71E-05	6.38E-04	7.01E-02	1.49E-04	0.00E+00	1.16E-06	1.74E-05	1.68E-04

5838	488815.71, 3859449.19	0.07351	2.19149	0.01228	0.22273	3.13E-04	0.00E+00	1.04E-06	1.92E-05	3.33E-04	1.48E-04	6.90E-02	7.83E-05	7.03E-04	7.00E-02	1.40E-04	0.00E+00	1.04E-06	1.92E-05	1.61E-04
5839	488910.04, 3859547.11	0.0698	1.43535	0.01191	0.26794	2.97E-04	0.00E+00	1.01E-06	2.31E-05	3.21E-04	1.40E-04	4.52E-02	7.60E-05	8.46E-04	4.63E-02	1.33E-04	0.00E+00	1.01E-06	2.31E-05	1.57E-04
5840	489002.45, 3859547.91	0.07031	1.239	0.01283	0.24261	2.99E-04	0.00E+00	1.09E-06	2.09E-05	3.21E-04	1.41E-04	3.90E-02	8.18E-05	7.66E-04	4.00E-02	1.34E-04	0.00E+00	1.09E-06	2.09E-05	1.56E-04
5841	489094.85, 3859548.72	0.07102	1.09717	0.01375	0.21729	3.02E-04	0.00E+00	1.17E-06	1.87E-05	3.22E-04	1.43E-04	3.46E-02	8.77E-05	6.86E-04	3.55E-02	1.36E-04	0.00E+00	1.17E-06	1.87E-05	1.56E-04
5842	489230.05, 3859601.87	0.06969	0.92272	0.01411	0.19195	2.97E-04	0.00E+00	1.20E-06	1.65E-05	3.15E-04	1.40E-04	2.91E-02	9.00E-05	6.06E-04	2.99E-02	1.33E-04	0.00E+00	1.20E-06	1.65E-05	1.51E-04
5843	489227.52, 3859680.89	0.06635	0.87927	0.01327	0.19564	2.83E-04	0.00E+00	1.13E-06	1.68E-05	3.01E-04	1.33E-04	2.77E-02	8.46E-05	6.18E-04	2.85E-02	1.27E-04	0.00E+00	1.13E-06	1.68E-05	1.45E-04
5844	489133.47, 3859760.29	0.06286	0.89708	0.01164	0.21635	2.68E-04	0.00E+00	9.90E-07	1.86E-05	2.87E-04	1.26E-04	2.83E-02	7.42E-05	6.83E-04	2.91E-02	1.20E-04	0.00E+00	9.90E-07	1.86E-05	1.40E-04
5845	489041.96, 3859760.67	0.06251	0.94583	0.01079	0.25032	2.66E-04	0.00E+00	9.18E-07	2.16E-05	2.89E-04	1.26E-04	2.98E-02	6.88E-05	7.90E-04	3.08E-02	1.19E-04	0.00E+00	9.18E-07	2.16E-05	1.42E-04
5846	488950.45, 3859761.05	0.06218	1.00236	0.01002	0.29439	2.65E-04	0.00E+00	8.52E-07	2.53E-05	2.91E-04	1.25E-04	3.16E-02	6.39E-05	9.29E-04	3.27E-02	1.19E-04	0.00E+00	8.52E-07	2.53E-05	1.45E-04
5847	488858.94, 3859761.43	0.06195	1.06893	0.0094	0.35316	2.64E-04	0.00E+00	7.99E-07	3.04E-05	2.95E-04	1.24E-04	3.37E-02	6.00E-05	1.12E-03	3.50E-02	1.18E-04	0.00E+00	7.99E-07	3.04E-05	1.50E-04
5848	488767.43, 3859761.82	0.06152	1.15884	0.00889	0.43709	2.62E-04	0.00E+00	7.56E-07	3.76E-05	3.00E-04	1.24E-04	3.65E-02	5.67E-05	1.38E-03	3.81E-02	1.17E-04	0.00E+00	7.56E-07	3.76E-05	1.56E-04
5849	488675.92, 3859762.2	0.06125	1.28022	0.00858	0.56259	2.61E-04	0.00E+00	7.30E-07	4.84E-05	3.10E-04	1.23E-04	4.03E-02	5.47E-05	1.78E-03	4.23E-02	1.17E-04	0.00E+00	7.30E-07	4.84E-05	1.66E-04
5850	488584.41, 3859762.58	0.0608	1.45792	0.00852	0.74907	2.59E-04	0.00E+00	7.25E-07	6.45E-05	3.24E-04	1.22E-04	4.59E-02	5.43E-05	2.37E-03	4.85E-02	1.16E-04	0.00E+00	7.25E-07	6.45E-05	1.81E-04
5851	488492.9, 3859762.96	0.06037	1.7451	0.0087	0.93545	2.57E-04	0.00E+00	7.40E-07	8.06E-05	3.38E-04	1.21E-04	5.50E-02	5.55E-05	2.95E-03	5.81E-02	1.15E-04	0.00E+00	7.40E-07	8.06E-05	1.97E-04
5852	488402.76, 3859830.95	0.05779	2.34536	0.00885	0.32786	2.46E-04	0.00E+00	7.53E-07	2.82E-05	2.75E-04	1.16E-04	7.39E-02	5.64E-05	1.04E-03	7.51E-02	1.10E-04	0.00E+00	7.53E-07	2.82E-05	1.39E-04
5853	488404.14, 3859898.55	0.05563	2.35189	0.00861	0.17274	2.37E-04	0.00E+00	7.32E-07	1.49E-05	2.53E-04	1.12E-04	7.41E-02	5.49E-05	5.45E-04	7.48E-02	1.06E-04	0.00E+00	7.32E-07	1.49E-05	1.22E-04
5854	488505.18, 3859964.96	0.05436	1.97537	0.00798	0.21761	2.32E-04	0.00E+00	6.79E-07	1.87E-05	2.51E-04	1.09E-04	6.22E-02	5.09E-05	6.87E-04	6.31E-02	1.04E-04	0.00E+00	6.79E-07	1.87E-05	1.23E-04
5855	488604.85, 3859963.76	0.05489	1.76899	0.00773	0.25339	2.34E-04	0.00E+00	6.57E-07	2.18E-05	2.56E-04	1.10E-04	5.57E-02	4.93E-05	8.00E-04	5.67E-02	1.05E-04	0.00E+00	6.57E-07	2.18E-05	1.27E-04
5856	488704.51, 3859962.56	0.05537	1.60252	0.00767	0.26433	2.36E-04	0.00E+00	6.52E-07	2.28E-05	2.59E-04	1.11E-04	5.05E-02	4.89E-05	8.35E-04	5.15E-02	1.06E-04	0.00E+00	6.52E-07	2.28E-05	1.29E-04
5857	488804.18, 3859961.37	0.0558	1.42063	0.00787	0.25711	2.38E-04	0.00E+00	6.69E-07	2.21E-05	2.60E-04	1.12E-04	4.47E-02	5.02E-05	8.12E-04	4.57E-02	1.07E-04	0.00E+00	6.69E-07	2.21E-05	1.29E-04
5858	488903.85, 3859960.17	0.05619	1.23652	0.00827	0.23597	2.39E-04	0.00E+00	7.03E-07	2.03E-05	2.60E-04	1.13E-04	3.90E-02	5.28E-05	7.45E-04	3.99E-02	1.07E-04	0.00E+00	7.03E-07	2.03E-05	1.28E-04
5859	489003.52, 3859958.97	0.05645	1.09976	0.00883	0.21163	2.40E-04	0.00E+00	7.51E-07	1.82E-05	2.59E-04	1.13E-04	3.46E-02	5.63E-05	6.68E-04	3.55E-02	1.08E-04	0.00E+00	7.51E-07	1.82E-05	1.27E-04
5860	489103.18, 3859957.77	0.05669	0.99805	0.00954	0.1882	2.41E-04	0.00E+00	8.11E-07	1.62E-05	2.58E-04	1.14E-04	3.14E-02	6.09E-05	5.94E-04	3.22E-02	1.08E-04	0.00E+00	8.11E-07	1.62E-05	1.25E-04
5861	489201.48, 3860046.59	0.05459	0.97813	0.00961	0.14822	2.32E-04	0.00E+00	8.17E-07	1.28E-05	2.46E-04	1.10E-04	3.08E-02	6.13E-05	4.68E-04	3.15E-02	1.04E-04	0.00E+00	8.17E-07	1.28E-05	1.18E-04
5862	489200.11, 3860136.61	0.05226	1.05212	0.0089	0.12908	2.23E-04	0.00E+00	7.57E-07	1.11E-05	2.34E-04	1.05E-04	3.31E-02	5.68E-05	4.08E-04	3.37E-02	9.98E-05	0.00E+00	7.57E-07	1.11E-05	1.12E-04
5863	489198.74, 3860226.63	0.05011	1.25867	0.00828	0.11394	2.13E-04	0.00E+00	7.04E-07	9.81E-06	2.24E-04	1.01E-04	3.96E-02	5.28E-05	3.60E-04	4.02E-02	9.57E-05	0.00E+00	7.04E-07	9.81E-06	1.06E-04
5864	489197.38, 3860316.66	0.04801	1.85309	0.00772	0.09892	2.04E-04	0.00E+00	6.57E-07	8.52E-06	2.14E-04	9.64E-05	5.84E-02	4.92E-05	3.12E-04	5.88E-02	9.17E-05	0.00E+00	6.57E-07	8.52E-06	1.01E-04
5865	489196.01, 3860406.68	0.04613	1.93776	0.00724	0.08038	1.96E-04	0.00E+00	6.16E-07	6.92E-06	2.04E-04	9.27E-05	6.10E-02	4.62E-05	2.54E-04	6.14E-02	8.81E-05	0.00E+00	6.16E-07	6.92E-06	9.56E-05
5866	489194.64, 3860496.7	0.04417	1.77178	0.0068	0.06275	1.88E-04	0.00E+00	5.78E-07	5.40E-06	1.94E-04	8.87E-05	5.58E-02	4.34E-05	1.98E-04	5.61E-02	8.44E-05	0.00E+00	5.78E-07	5.40E-06	9.03E-05
5867	489193.27, 3860586.72	0.0425	1.15481	0.00643	0.04818	1.81E-04	0.00E+00	5.47E-07	4.15E-06	1.86E-04	8.54E-05	3.64E-02	4.10E-05	1.52E-04	3.67E-02	8.12E-05	0.00E+00	5.47E-07	4.15E-06	8.59E-05
5868	489092.02, 3860678.13	0.04062	0.6709	0.00587	0.03859	1.73E-04	0.00E+00	4.99E-07	3.32E-06	1.77E-04	8.16E-05	2.11E-02	3.74E-05	1.22E-04	2.14E-02	7.76E-05	0.00E+00	4.99E-07	3.32E-06	8.14E-05
5869	488992.13, 3860679.53	0.04034	0.68225	0.00575	0.03976	1.72E-04	0.00E+00	4.89E-07	3.42E-06	1.76E-04	8.10E-05	2.15E-02	3.67E-05	1.26E-04	2.17E-02	7.70E-05	0.00E+00	4.89E-07	3.42E-06	8.10E-05
5870	488892.25, 3860680.92	0.04006	0.68616	0.00577	0.03996	1.71E-04	0.00E+00	4.91E-07	3.44E-06	1.75E-04	8.05E-05	2.16E-02	3.68E-05	1.26E-04	2.19E-02	7.65E-05	0.00E+00	4.91E-07	3.44E-06	8.04E-05
5871	488792.36, 3860682.31	0.03969	0.67927	0.00588	0.03877	1.69E-04	0.00E+00	5.00E-07	3.34E-06	1.73E-04	7.97E-05	2.14E-02	3.75E-05	1.22E-04	2.16E-02	7.58E-05	0.00E+00	5.00E-07	3.34E-06	7.96E-05
5872	488692.48, 3860683.7	0.03935	0.67109	0.00607	0.03669	1.68E-04	0.00E+00	5.16E-07	3.16E-06	1.71E-04	7.90E-05	2.11E-02	3.87E-05	1.16E-04	2.14E-02	7.52E-05	0.00E+00	5.16E-07	3.16E-06	7.88E-05
5873	488592.59, 3860685.1	0.03886	0.64779	0.00631	0.03478	1.65E-04	0.00E+00	5.37E-07	2.99E-06	1.69E-04	7.81E-05	2.04E-02	4.02E-05	1.10E-04	2.06E-02	7.42E-05	0.00E+00	5.37E-07	2.99E-06	7.78E-05
5874	488492.71, 3860686.49	0.0387	0.63949	0.00672	0.03504	1.65E-04	0.00E+00	5.72E-07	3.02E-06	1.68E-04	7.77E-05	2.01E-02	4.29E-05	1.11E-04	2.04E-02	7.39E-05	0.00E+00	5.72E-07	3.02E-06	7.75E-05
5875	488299.07, 3860762.18	0.03773	0.44741	0.00785	0.02803	1.61E-04	0.00E+00	6.68E-07	2.41E-06	1.64E-04	7.58E-05	1.41E-02	5.01E-05	8.85E-05	1.43E-02	7.21E-05	0.00E+00	6.68E-07	2.41E-06	7.51E-05
5876	488205.32, 3860764.09	0.03739	0.42443	0.00825	0.02656	1.59E-04	0.00E+00	7.02E-07	2.29E-06	1.62E-04	7.51E-05	1.34E-02	5.26E-05	8.39E-05	1.36E-02	7.14E-05	0.00E+00	7.02E-07	2.29E-06	7.44E-05
5877	488111.56, 3860766	0.03704	0.39468	0.00842	0.02482	1.58E-04	0.00E+00	7.16E-07	2.14E-06	1.61E-04	7.44E-05	1.24E-02	5.37E-05	7.84E-05	1.26E-02	7.07E-05	0.00E+00	7.16E-07	2.14E-06	7.36E-05
5878	488017.81, 3860767.91	0.03673	0.36337	0.00836	0.02371	1.56E-04	0.00E+00	7.11E-07	2.04E-06	1.59E-04	7.38E-05	1.14E-02	5.33E-05	7.49E-05	1.16E-02	7.02E-05	0.00E+00	7.11E-07	2.04E-06	7.29E-05
5879	487924.06, 3860769.81	0.03653	0.33618	0.00814	0.02251	1.56E-04	0.00E+00	6.92E-07	1.94E-06	1.58E-04	7.34E-05	1.06E-02	5.19E-05	7.11E-05	1.08E-02	6.98E-05	0.00E+00	6.92E-07	1.94E-06	7.24E-05
5880	487830.31, 3860771.72	0.0364	0.31311	0.00784	0.02144	1.55E-04	0.00E+00	6.67E-07	1.85E-06	1.58E-04	7.31E-05	9.86E-03	5.00E-05	6.77E-05	1.01E-02	6.95E-05	0.00E+00	6.67E-07	1.85E-06	7.20E-05
5881	487736.55, 3860773.63	0.03629	0.29418	0.00751	0.02013	1.55E-04	0.00E+00	6.39E-07	1.73E-06	1.57E-04	7.29E-05	9.27E-03	4.79E-05	6.36E-05	9.45E-03	6.93E-05	0.00E+00	6.39E-07	1.73E-06	7.17E-05
5882	487642.8, 3860775.54	0.03627	0.27816	0.00716	0.01883	1.54E-04	0.00E+00	6.09E-07	1.62E-06	1.57E-04	7.28E-05	8.76E-03	4.57E-05	5.95E-05	8.94E-03	6.93E-05	0.00E+00	6.09E-07	1.62E-06	7.15E-05
5883	487549.48, 3860684.71	0.03754	0.30404	0.00691	0.01966	1.60E-04	0.00E+00	5.88E-07	1.69E-06	1.62E-04	7.54E-05	9.58E-03	4.41E-05	6.21E-05	9.76E-03	7.17E-05	0.00E+00	5.88E-07	1.69E-06	7.40E-05
5884	487549.91, 3860591.97	0.03872	0.3546	0.00699	0.02141	1.65E-04	0.00E+00	5.94E-07	1.84E-06	1.67E-04	7.78E-05	1.12E-02	4.46E-05	6.76E-05	1.14E-02	7.40E-05	0.00E+00	5.94E-07	1.84E-06	7.64E-05
5885	487550.34, 3860499.23	0.04016	0.41377	0.00711	0.02385	1.71E-04	0.00E+00	6.05E-07	2.05E-06	1.74E-04	8.07E-05	1.30E-02	4.54E-05	7.53E-05	1.32E-02	7.67E-05	0.00E+00	6.05E-07	2.05E-06	7.94E-05
5886	487550.76, 3860406.49	0.04177	0.46314	0.00724	0.0277	1.78E-04	0.00E+00	6.16E-07	2.39E-06	1.81E-04	8.39E-05	1.46E-02	4.62E-05	8.75E-05	1.48E-02	7.98E-05	0.00E+00	6.16E-07	2.39E-06	8.28E-05
5887	487551.19, 3860313.75	0.04335	0.49737	0.00735	0.03196	1.85E-04	0.00E+00	6.25E-07	2.75E-06	1.88E-04	8.71E-05	1.57E-02	4.69E-05	1.01E-04	1.59E-02	8.28E-05	0.00E+00	6.25E-07	2.75E-06	8.62E-05
5888	487551.62, 3860221.01	0.04511	0.52817	0.00747	0.03537	1.92E-04	0.00E+00	6.35E-07	3.05E-06	1.96E-04	9.06E-05	1.66E-02	4.76E-05	1.12E-04	1.69E-02	8.62E-05	0.00E+00	6.35E-07	3.05E-06	8.98E-05
5889	487552.05, 3860128.27	0.04725	0.56645	0.00764	0.03846	2.01E-04	0.00E+00	6.50E-07	3.31E-06	2.05E-04	9.49E-05	1.78E-02	4.87E-05	1.21E-04	1.81E-02	9.02E-05	0.00E+00	6.50E-07	3.31E-06	9.42E-05
5890	487552.48, 3860035.53	0.04945	0.60088	0.00782	0.04209	2.11E-04	0.00E+00	6.65E-07	3.62E-06	2.15E-04	9.93E-05	1.89E-02	4.99E-05	1.33E-04	1.92E-02	9.44E-05	0.00E+00	6.65E-07	3.62E-06	9.87E-05
5891	487552.91, 3859942.79	0.05141	0.624	0.00799	0.0462	2.19E-04	0.00E+00	6.80E-07	3.98E-06	2.24E-04	1.03E-04	1.97E-02	5.10E-05	1.46E-04	2.00E-02	9.82E-05	0.00E+00	6.80E-07	3.98E-06	1.03E-04
5892	487553.33, 3859850.05	0.05398	0.67076	0.00824	0.05133	2.30E-04	0.00E+00	7.01E-07	4.42E-06	2.35E-04	1.08E-04	2.11E-02	5.26E-05	1.62E-04	2.15E-02	1.03E-04	0.00E+00	7.01E-07	4.42E-06	1.08E-04
5893	487553.76, 3859757.31	0.05643	0.72576	0.00852	0.05694	2.40E-04	0.00E+00	7.25E-07	4.90E-06	2.46E-04	1.13E-04	2.29E-02	5.43E-05	1.80E-04	2.32E-02	1.08E-04	0.00E+00	7.25E-07	4.90E-06	1.13E-04
5894	487554.19, 3859664.57	0.05906	0.8215	0.00885	0.06231	2.52E-04	0.00E+00	7.53E-07	5.37E-06	2.58E-04	1.19E-04	2.59E-02	5.64E-05	1.97E-04	2.62E-02	1.13E-04	0.00E+00	7.53E-07	5.37E-06	1.19E-04
5895	487460.2, 3859571.05	0.0615	0.94335	0.00911	0.05789	2.62E-04	0.00E+00	7.75E-07	4.98E-06	2.68E-04	1.24E-04	2.97E-02	5.81E-05	1.83E-04	3.01E-02	1.17E-04	0.00E+00	7.75E-07	4.98E-06	1.23E-04
5896	487365.78, 3859570.27	0.06114	0.87252	0.00918	0.0517	2.60E-04	0.00E+00	7.81E-07	4.45E-06	2.66E-04	1.23E-04	2.75E-02	5.86E-05	1.63E-04	2.78E-02	1.17E-04	0.00E+00	7.81E-07	4.45E-06	1.22E-04

5897	487271.36, 3859569.48	0.06062	0.8102	0.0094	0.04752	2.58E-04	0.00E+00	7.99E-07	4.09E-06	2.63E-04	1.22E-04	2.55E-02	6.00E-05	1.50E-04	2.59E-02	1.16E-04	0.00E+00	7.99E-07	4.09E-06	1.21E-04
5898	487176.94, 3859568.7	0.06006	0.74657	0.00958	0.04363	2.56E-04	0.00E+00	8.15E-07	3.76E-06	2.60E-04	1.21E-04	2.35E-02	6.11E-05	1.38E-04	2.38E-02	1.15E-04	0.00E+00	8.15E-07	3.76E-06	1.19E-04
5899	487082.51, 3859567.92	0.0597	0.68488	0.00972	0.04067	2.54E-04	0.00E+00	8.27E-07	3.50E-06	2.59E-04	1.20E-04	2.16E-02	6.20E-05	1.28E-04	2.19E-02	1.14E-04	0.00E+00	8.27E-07	3.50E-06	1.18E-04
5900	486988.09, 3859567.14	0.05951	0.6225	0.00996	0.03808	2.53E-04	0.00E+00	8.47E-07	3.28E-06	2.58E-04	1.20E-04	1.96E-02	6.35E-05	1.20E-04	1.99E-02	1.14E-04	0.00E+00	8.47E-07	3.28E-06	1.18E-04
5901	486893.67, 3859566.36	0.05955	0.56364	0.01038	0.0353	2.54E-04	0.00E+00	8.83E-07	3.04E-06	2.58E-04	1.20E-04	1.78E-02	6.62E-05	1.11E-04	1.81E-02	1.14E-04	0.00E+00	8.83E-07	3.04E-06	1.18E-04
5902	486799.25, 3859565.58	0.05972	0.50954	0.01092	0.03215	2.54E-04	0.00E+00	9.29E-07	2.77E-06	2.58E-04	1.20E-04	1.61E-02	6.97E-05	1.02E-04	1.63E-02	1.14E-04	0.00E+00	9.29E-07	2.77E-06	1.18E-04
5903	486704.83, 3859564.79	0.05997	0.4617	0.01144	0.02975	2.55E-04	0.00E+00	9.73E-07	2.56E-06	2.59E-04	1.20E-04	1.45E-02	7.30E-05	9.39E-05	1.48E-02	1.15E-04	0.00E+00	9.73E-07	2.56E-06	1.18E-04
5904	486610.41, 3859564.01	0.06027	0.41971	0.01188	0.02757	2.57E-04	0.00E+00	1.01E-06	2.37E-06	2.60E-04	1.21E-04	1.32E-02	7.58E-05	8.70E-05	1.35E-02	1.15E-04	0.00E+00	1.01E-06	2.37E-06	1.18E-04
5905	486515.99, 3859563.23	0.06043	0.38204	0.01223	0.02551	2.57E-04	0.00E+00	1.04E-06	2.20E-06	2.61E-04	1.21E-04	1.20E-02	7.80E-05	8.05E-05	1.23E-02	1.15E-04	0.00E+00	1.04E-06	2.20E-06	1.19E-04
5906	486421.57, 3859562.45	0.06079	0.35088	0.01259	0.02375	2.59E-04	0.00E+00	1.07E-06	2.05E-06	2.62E-04	1.22E-04	1.11E-02	8.03E-05	7.50E-05	1.13E-02	1.16E-04	0.00E+00	1.07E-06	2.05E-06	1.19E-04
5907	486327.14, 3859561.67	0.0613	0.32501	0.013	0.02221	2.61E-04	0.00E+00	1.11E-06	1.91E-06	2.64E-04	1.23E-04	1.02E-02	8.29E-05	7.01E-05	1.05E-02	1.17E-04	0.00E+00	1.11E-06	1.91E-06	1.20E-04
5908	486232.72, 3859560.89	0.06152	0.30149	0.0134	0.02081	2.62E-04	0.00E+00	1.14E-06	1.79E-06	2.65E-04	1.24E-04	9.50E-03	8.55E-05	6.57E-05	9.77E-03	1.17E-04	0.00E+00	1.14E-06	1.79E-06	1.20E-04
5909	486138.3, 3859560.1	0.06165	0.28073	0.0138	0.01957	2.63E-04	0.00E+00	1.17E-06	1.69E-06	2.65E-04	1.24E-04	8.84E-03	8.80E-05	6.18E-05	9.12E-03	1.18E-04	0.00E+00	1.17E-06	1.69E-06	1.21E-04
5910	486043.88, 3859559.32	0.06161	0.26171	0.01415	0.01848	2.62E-04	0.00E+00	1.20E-06	1.59E-06	2.65E-04	1.24E-04	8.24E-03	9.03E-05	5.83E-05	8.52E-03	1.18E-04	0.00E+00	1.20E-06	1.59E-06	1.20E-04
5911	485949.35, 3859463.54	0.06465	0.26261	0.01523	0.01837	2.75E-04	0.00E+00	1.30E-06	1.58E-06	2.78E-04	1.30E-04	8.27E-03	9.71E-05	5.80E-05	8.56E-03	1.23E-04	0.00E+00	1.30E-06	1.58E-06	1.26E-04
5912	485949.24, 3859368.55	0.06809	0.28319	0.01599	0.01929	2.90E-04	0.00E+00	1.36E-06	1.66E-06	2.93E-04	1.37E-04	8.92E-03	1.02E-04	6.09E-05	9.22E-03	1.30E-04	0.00E+00	1.36E-06	1.66E-06	1.33E-04
5913	485949.12, 3859273.55	0.07192	0.30656	0.0167	0.0203	3.06E-04	0.00E+00	1.42E-06	1.75E-06	3.09E-04	1.44E-04	9.66E-03	1.07E-04	6.41E-05	9.97E-03	1.37E-04	0.00E+00	1.42E-06	1.75E-06	1.41E-04
5914	485949.01, 3859178.56	0.07603	0.33214	0.01732	0.02132	3.24E-04	0.00E+00	1.47E-06	1.84E-06	3.27E-04	1.53E-04	1.05E-02	1.10E-04	6.73E-05	1.08E-02	1.45E-04	0.00E+00	1.47E-06	1.84E-06	1.49E-04
5915	485948.9, 3859083.56	0.08076	0.35953	0.01789	0.02249	3.44E-04	0.00E+00	1.52E-06	1.94E-06	3.47E-04	1.62E-04	1.13E-02	1.14E-04	7.10E-05	1.17E-02	1.54E-04	0.00E+00	1.52E-06	1.94E-06	1.58E-04
5916	485948.79, 3858988.56	0.08564	0.38414	0.01842	0.02371	3.65E-04	0.00E+00	1.57E-06	2.04E-06	3.68E-04	1.72E-04	1.21E-02	1.17E-04	7.49E-05	1.25E-02	1.64E-04	0.00E+00	1.57E-06	2.04E-06	1.67E-04
5917	485948.67, 3858893.57	0.09091	0.40323	0.01894	0.02474	3.87E-04	0.00E+00	1.61E-06	2.13E-06	3.91E-04	1.83E-04	1.27E-02	1.21E-04	7.81E-05	1.31E-02	1.74E-04	0.00E+00	1.61E-06	2.13E-06	1.77E-04
5918	485948.56, 3858798.57	0.09715	0.41493	0.01942	0.02537	4.14E-04	0.00E+00	1.65E-06	2.18E-06	4.18E-04	1.95E-04	1.31E-02	1.24E-04	8.01E-05	1.35E-02	1.86E-04	0.00E+00	1.65E-06	2.18E-06	1.89E-04
5919	485948.45, 3858703.58	0.10308	0.42217	0.01961	0.02565	4.39E-04	0.00E+00	1.67E-06	2.21E-06	4.43E-04	2.07E-04	1.33E-02	1.25E-04	8.10E-05	1.37E-02	1.97E-04	0.00E+00	1.67E-06	2.21E-06	2.01E-04
5920	485948.34, 3858608.58	0.11031	0.42976	0.01954	0.026	4.70E-04	0.00E+00	1.66E-06	2.24E-06	4.74E-04	2.22E-04	1.35E-02	1.25E-04	8.21E-05	1.40E-02	2.11E-04	0.00E+00	1.66E-06	2.24E-06	2.15E-04
5921	485948.22, 3858513.59	0.11827	0.43871	0.0192	0.02647	5.04E-04	0.00E+00	1.63E-06	2.28E-06	5.08E-04	2.38E-04	1.38E-02	1.22E-04	8.36E-05	1.43E-02	2.26E-04	0.00E+00	1.63E-06	2.28E-06	2.30E-04
5922	485948.11, 3858418.59	0.12689	0.45108	0.01886	0.02662	5.40E-04	0.00E+00	1.60E-06	2.29E-06	5.44E-04	2.55E-04	1.42E-02	1.20E-04	8.40E-05	1.47E-02	2.42E-04	0.00E+00	1.60E-06	2.29E-06	2.46E-04
5923	485948, 3858323.59	0.13717	0.4663	0.019	0.02657	5.84E-04	0.00E+00	1.62E-06	2.29E-06	5.88E-04	2.76E-04	1.47E-02	1.21E-04	8.39E-05	1.52E-02	2.62E-04	0.00E+00	1.62E-06	2.29E-06	2.66E-04
5924	485947.89, 3858228.6	0.14791	0.48273	0.01958	0.02667	6.30E-04	0.00E+00	1.67E-06	2.30E-06	6.34E-04	2.97E-04	1.52E-02	1.25E-04	8.42E-05	1.57E-02	2.83E-04	0.00E+00	1.67E-06	2.30E-06	2.86E-04
5925	485947.77, 3858133.6	0.1598	0.49882	0.02022	0.02641	6.81E-04	0.00E+00	1.72E-06	2.27E-06	6.85E-04	3.21E-04	1.57E-02	1.29E-04	8.34E-05	1.62E-02	3.05E-04	0.00E+00	1.72E-06	2.27E-06	3.09E-04
5926	485947.66, 3858038.61	0.17532	0.51832	0.02069	0.02546	7.47E-04	0.00E+00	1.76E-06	2.19E-06	7.51E-04	3.52E-04	1.63E-02	1.32E-04	8.04E-05	1.69E-02	3.35E-04	0.00E+00	1.76E-06	2.19E-06	3.39E-04
5927	485854.54, 3857943.35	0.18658	0.50368	0.01986	0.02278	7.95E-04	0.00E+00	1.69E-06	1.96E-06	7.98E-04	3.75E-04	1.59E-02	1.27E-04	7.19E-05	1.64E-02	3.56E-04	0.00E+00	1.69E-06	1.96E-06	3.60E-04
5928	485761.52, 3857943.09	0.18255	0.45766	0.01907	0.02176	7.77E-04	0.00E+00	1.62E-06	1.87E-06	7.81E-04	3.67E-04	1.44E-02	1.22E-04	6.87E-05	1.50E-02	3.49E-04	0.00E+00	1.62E-06	1.87E-06	3.52E-04
5929	485668.51, 3857942.83	0.17921	0.42195	0.01838	0.02087	7.63E-04	0.00E+00	1.56E-06	1.80E-06	7.67E-04	3.60E-04	1.33E-02	1.17E-04	6.59E-05	1.38E-02	3.42E-04	0.00E+00	1.56E-06	1.80E-06	3.46E-04
5930	485575.5, 3857942.56	0.17505	0.39397	0.01771	0.02002	7.45E-04	0.00E+00	1.51E-06	1.72E-06	7.49E-04	3.52E-04	1.24E-02	1.13E-04	6.32E-05	1.29E-02	3.34E-04	0.00E+00	1.51E-06	1.72E-06	3.38E-04
5931	485482.48, 3857942.3	0.17185	0.37015	0.01712	0.01923	7.32E-04	0.00E+00	1.46E-06	1.66E-06	7.35E-04	3.45E-04	1.17E-02	1.09E-04	6.07E-05	1.22E-02	3.28E-04	0.00E+00	1.46E-06	1.66E-06	3.31E-04
5932	485389.47, 3857942.04	0.16864	0.34976	0.01656	0.01848	7.18E-04	0.00E+00	1.41E-06	1.59E-06	7.21E-04	3.39E-04	1.10E-02	1.06E-04	5.83E-05	1.15E-02	3.22E-04	0.00E+00	1.41E-06	1.59E-06	3.25E-04
5933	485296.46, 3857941.78	0.16554	0.33194	0.01605	0.01782	7.05E-04	0.00E+00	1.37E-06	1.53E-06	7.08E-04	3.32E-04	1.05E-02	1.02E-04	5.63E-05	1.09E-02	3.16E-04	0.00E+00	1.37E-06	1.53E-06	3.19E-04
5934	485203.45, 3857941.52	0.16313	0.31584	0.0156	0.01725	6.95E-04	0.00E+00	1.33E-06	1.49E-06	6.98E-04	3.28E-04	9.95E-03	9.95E-05	5.45E-05	1.04E-02	3.12E-04	0.00E+00	1.33E-06	1.49E-06	3.14E-04
5935	485110.43, 3857941.26	0.15991	0.30205	0.01514	0.01674	6.81E-04	0.00E+00	1.29E-06	1.44E-06	6.84E-04	3.21E-04	9.51E-03	9.66E-05	5.29E-05	9.99E-03	3.05E-04	0.00E+00	1.29E-06	1.44E-06	3.08E-04
5936	485017.42, 3857940.99	0.1564	0.28966	0.0147	0.01629	6.66E-04	0.00E+00	1.25E-06	1.40E-06	6.69E-04	3.14E-04	9.12E-03	9.38E-05	5.14E-05	9.58E-03	2.99E-04	0.00E+00	1.25E-06	1.40E-06	3.01E-04
5937	484924.41, 3857940.73	0.15297	0.27795	0.01429	0.01596	6.51E-04	0.00E+00	1.22E-06	1.37E-06	6.54E-04	3.07E-04	8.76E-03	9.11E-05	5.04E-05	9.20E-03	2.92E-04	0.00E+00	1.22E-06	1.37E-06	2.95E-04
5938	484831.39, 3857940.47	0.14994	0.26652	0.01391	0.01584	6.39E-04	0.00E+00	1.18E-06	1.36E-06	6.41E-04	3.01E-04	8.40E-03	8.87E-05	5.00E-05	8.84E-03	2.86E-04	0.00E+00	1.18E-06	1.36E-06	2.89E-04
5939	484738.12, 3857859.3	0.1545	0.2784	0.01343	0.01622	6.58E-04	0.00E+00	1.14E-06	1.40E-06	6.61E-04	3.10E-04	8.77E-03	8.57E-05	5.12E-05	9.22E-03	2.95E-04	0.00E+00	1.14E-06	1.40E-06	2.98E-04
5940	484737.85, 3857778.4	0.1631	0.30716	0.01336	0.01683	6.95E-04	0.00E+00	1.14E-06	1.45E-06	6.97E-04	3.28E-04	9.68E-03	8.52E-05	5.31E-05	1.01E-02	3.12E-04	0.00E+00	1.14E-06	1.45E-06	3.14E-04
5941	484737.59, 3857697.49	0.17172	0.34478	0.01336	0.01759	7.31E-04	0.00E+00	1.14E-06	1.51E-06	7.34E-04	3.45E-04	1.09E-02	8.52E-05	5.55E-05	1.13E-02	3.28E-04	0.00E+00	1.14E-06	1.51E-06	3.31E-04
5942	484737.32, 3857616.59	0.18032	0.3966	0.01346	0.01851	7.68E-04	0.00E+00	1.14E-06	1.59E-06	7.71E-04	3.62E-04	1.25E-02	8.59E-05	5.84E-05	1.30E-02	3.44E-04	0.00E+00	1.14E-06	1.59E-06	3.47E-04
5943	484645.53, 3857535.18	0.18405	0.43815	0.0133	0.01937	7.84E-04	0.00E+00	1.13E-06	1.67E-06	7.87E-04	3.70E-04	1.38E-02	8.48E-05	6.12E-05	1.43E-02	3.52E-04	0.00E+00	1.13E-06	1.67E-06	3.54E-04
5944	484553.99, 3857534.67	0.1779	0.4108	0.01294	0.01888	7.58E-04	0.00E+00	1.10E-06	1.63E-06	7.60E-04	3.57E-04	1.29E-02	8.25E-05	5.96E-05	1.34E-02	3.40E-04	0.00E+00	1.10E-06	1.63E-06	3.43E-04
5945	484462.46, 3857534.17	0.17248	0.38661	0.0126	0.01857	7.35E-04	0.00E+00	1.07E-06	1.60E-06	7.37E-04	3.46E-04	1.22E-02	8.04E-05	5.86E-05	1.27E-02	3.29E-04	0.00E+00	1.07E-06	1.60E-06	3.32E-04
5946	484370.93, 3857533.66	0.16698	0.36517	0.01228	0.01799	7.11E-04	0.00E+00	1.04E-06	1.55E-06	7.14E-04	3.35E-04	1.15E-02	7.83E-05	5.68E-05	1.20E-02	3.19E-04	0.00E+00	1.04E-06	1.55E-06	3.22E-04
5947	484279.4, 3857533.16	0.16177	0.34478	0.01197	0.0176	6.89E-04	0.00E+00	1.02E-06	1.52E-06	6.91E-04	3.25E-04	1.09E-02	7.64E-05	5.56E-05	1.13E-02	3.09E-04	0.00E+00	1.02E-06	1.52E-06	3.12E-04
5948	484187.86, 3857532.65	0.15643	0.32626	0.01168	0.01792	6.66E-04	0.00E+00	9.93E-07	1.54E-06	6.69E-04	3.14E-04	1.03E-02	7.45E-05	5.66E-05	1.07E-02	2.99E-04	0.00E+00	9.93E-07	1.54E-06	3.01E-04
5949	484096.33, 3857532.15	0.15158	0.30562	0.01141	0.01828	6.46E-04	0.00E+00	9.70E-07	1.57E-06	6.48E-04	3.04E-04	9.63E-03	7.28E-05	5.77E-05	1.01E-02	2.90E-04	0.00E+00	9.70E-07	1.57E-06	2.92E-04
5950	484004.8, 3857531.64	0.14627	0.29059	0.01113	0.01807	6.23E-04	0.00E+00	9.47E-07	1.56E-06	6.25E-04	2.94E-04	9.15E-03	7.10E-05	5.71E-05	9.58E-03	2.79E-04	0.00E+00	9.47E-07	1.56E-06	2.82E-04
5951	483913.27, 3857531.14	0.14068	0.27902	0.01086	0.01796	5.99E-04	0.00E+00	9.24E-07	1.55E-06	6.02E-04	2.83E-04	8.79E-03	6.93E-05	5.67E-05	9.20E-03	2.69E-04	0.00E+00	9.24E-07	1.55E-06	2.71E-04
5952	483821.73, 3857530.63	0.13593	0.26448	0.01061	0.01842	5.79E-04	0.00E+00	9.02E-07	1.59E-06	5.81E-04	2.73E-04	8.33E-03	6.77E-05	5.82E-05	8.73E-03	2.60E-04	0.00E+00	9.02E-07	1.59E-06	2.62E-04
5953	483729.61, 3857450.11	0.13618	0.27732	0.01053	0.01995	5.80E-04	0.00E+00	8.96E-07	1.72E-06	5.83E-04	2.74E-04	8.74E-03	6.72E-05	6.30E-05	9.14E-03	2.60E-04	0.00E+00	8.96E-07	1.72E-06	2.63E-04
5954	483729.03, 3857370.08	0.14171	0.30503	0.01076	0.02114	6.03E-04	0.00E+00	9.15E-07	1.82E-06	6.06E-04	2.85E-04	9.61E-03	6.86E-05	6.67E-05	1.00E-02	2.71E-04	0.00E+00	9.15E-07	1.82E-06	2.73E-04
5955	483728.44, 3857290.06	0.14662	0.3439	0.01102	0.02233	6.24E-04	0.00E+00	9.37E-07	1.92E-06	6.27E-04	2.94E-04	1.08E-02	7.03E-05	7.05E-05	1.13E-02	2.80E-04	0.00E+00	9.37E-07	1.92E-06	2.83E-04

5956	483727.86, 3857210.03	0.15142	0.39574	0.01129	0.02379	6.45E-04	0.00E+00	9.60E-07	2.05E-06	6.48E-04	3.04E-04	1.25E-02	7.20E-05	7.51E-05	1.29E-02	2.89E-04	0.00E+00	9.60E-07	2.05E-06	2.92E-04
5957	483641.15, 3857129.07	0.15091	0.40568	0.01132	0.0248	6.43E-04	0.00E+00	9.63E-07	2.14E-06	6.46E-04	3.03E-04	1.28E-02	7.22E-05	7.83E-05	1.32E-02	2.88E-04	0.00E+00	9.63E-07	2.14E-06	2.91E-04
5958	483555.03, 3857128.14	0.1451	0.36215	0.01109	0.02416	6.18E-04	0.00E+00	9.43E-07	2.08E-06	6.21E-04	2.91E-04	1.14E-02	7.07E-05	7.63E-05	1.18E-02	2.77E-04	0.00E+00	9.43E-07	2.08E-06	2.80E-04
5959	483468.91, 3857127.2	0.13857	0.33203	0.01083	0.02321	5.90E-04	0.00E+00	9.21E-07	2.00E-06	5.93E-04	2.78E-04	1.05E-02	6.91E-05	7.33E-05	1.09E-02	2.65E-04	0.00E+00	9.21E-07	2.00E-06	2.68E-04
5960	483382.78, 3857126.26	0.13383	0.29981	0.01063	0.02249	5.70E-04	0.00E+00	9.04E-07	1.94E-06	5.73E-04	2.69E-04	9.44E-03	6.78E-05	7.10E-05	9.85E-03	2.56E-04	0.00E+00	9.04E-07	1.94E-06	2.58E-04
5961	483296.66, 3857125.32	0.12872	0.27491	0.01041	0.02198	5.48E-04	0.00E+00	8.85E-07	1.89E-06	5.51E-04	2.59E-04	8.66E-03	6.64E-05	6.94E-05	9.05E-03	2.46E-04	0.00E+00	8.85E-07	1.89E-06	2.49E-04
5962	483210.54, 3857124.39	0.12366	0.25385	0.01019	0.0204	5.27E-04	0.00E+00	8.67E-07	1.76E-06	5.29E-04	2.48E-04	8.00E-03	6.50E-05	6.44E-05	8.37E-03	2.36E-04	0.00E+00	8.67E-07	1.76E-06	2.39E-04
5963	483123.4, 3857030.96	0.12259	0.25267	0.01027	0.01938	5.22E-04	0.00E+00	8.73E-07	1.67E-06	5.25E-04	2.46E-04	7.96E-03	6.55E-05	6.12E-05	8.33E-03	2.34E-04	0.00E+00	8.73E-07	1.67E-06	2.37E-04
5964	483122.38, 3856938.46	0.12667	0.27013	0.01052	0.0201	5.39E-04	0.00E+00	8.95E-07	1.73E-06	5.42E-04	2.54E-04	8.51E-03	6.71E-05	6.35E-05	8.89E-03	2.42E-04	0.00E+00	8.95E-07	1.73E-06	2.45E-04
5965	483121.35, 3856845.97	0.13079	0.28657	0.01071	0.02116	5.57E-04	0.00E+00	9.11E-07	1.82E-06	5.60E-04	2.63E-04	9.03E-03	6.83E-05	6.68E-05	9.42E-03	2.50E-04	0.00E+00	9.11E-07	1.82E-06	2.53E-04
5966	483120.33, 3856753.47	0.1338	0.30872	0.01077	0.02296	5.70E-04	0.00E+00	9.16E-07	1.98E-06	5.73E-04	2.69E-04	9.72E-03	6.87E-05	7.25E-05	1.01E-02	2.56E-04	0.00E+00	9.16E-07	1.98E-06	2.58E-04
5967	483119.31, 3856660.98	0.13691	0.3296	0.01074	0.02543	5.83E-04	0.00E+00	9.13E-07	2.19E-06	5.86E-04	2.75E-04	1.04E-02	6.85E-05	8.03E-05	1.08E-02	2.61E-04	0.00E+00	9.13E-07	2.19E-06	2.65E-04
5968	483118.29, 3856568.49	0.14067	0.34473	0.01065	0.0284	5.99E-04	0.00E+00	9.06E-07	2.45E-06	6.02E-04	2.83E-04	1.09E-02	6.79E-05	8.97E-05	1.13E-02	2.69E-04	0.00E+00	9.06E-07	2.45E-06	2.72E-04
5969	483117.26, 3856475.99	0.14483	0.35496	0.01051	0.03196	6.17E-04	0.00E+00	8.94E-07	2.75E-06	6.20E-04	2.91E-04	1.12E-02	6.70E-05	1.01E-04	1.16E-02	2.77E-04	0.00E+00	8.94E-07	2.75E-06	2.80E-04
5970	483116.24, 3856383.5	0.14855	0.36822	0.01032	0.03697	6.33E-04	0.00E+00	8.78E-07	3.18E-06	6.37E-04	2.98E-04	1.16E-02	6.58E-05	1.17E-04	1.21E-02	2.84E-04	0.00E+00	8.78E-07	3.18E-06	2.88E-04
5971	483115.22, 3856291.01	0.15226	0.38091	0.01009	0.04371	6.48E-04	0.00E+00	8.58E-07	3.76E-06	6.53E-04	3.06E-04	1.20E-02	6.44E-05	1.38E-04	1.25E-02	2.91E-04	0.00E+00	8.58E-07	3.76E-06	2.95E-04
5972	483114.2, 3856198.51	0.15513	0.40158	0.00978	0.04981	6.61E-04	0.00E+00	8.32E-07	4.29E-06	6.66E-04	3.12E-04	1.26E-02	6.24E-05	1.57E-04	1.32E-02	2.96E-04	0.00E+00	8.32E-07	4.29E-06	3.01E-04
5973	483113.17, 3856106.02	0.15915	0.40769	0.00945	0.05254	6.78E-04	0.00E+00	8.04E-07	4.52E-06	6.83E-04	3.20E-04	1.28E-02	6.03E-05	1.66E-04	1.34E-02	3.04E-04	0.00E+00	8.04E-07	4.52E-06	3.09E-04
5974	483112.15, 3856013.52	0.16127	0.435	0.00899	0.05137	6.87E-04	0.00E+00	7.65E-07	4.42E-06	6.92E-04	3.24E-04	1.37E-02	5.73E-05	1.62E-04	1.42E-02	3.08E-04	0.00E+00	7.65E-07	4.42E-06	3.13E-04
5975	483029.25, 3855920.47	0.15444	0.39482	0.00859	0.04175	6.58E-04	0.00E+00	7.31E-07	3.60E-06	6.62E-04	3.10E-04	1.24E-02	5.48E-05	1.32E-04	1.29E-02	2.95E-04	0.00E+00	7.31E-07	3.60E-06	2.99E-04
5976	482947.37, 3855919.91	0.14663	0.34438	0.00868	0.03751	6.24E-04	0.00E+00	7.38E-07	3.23E-06	6.28E-04	2.95E-04	1.08E-02	5.54E-05	1.18E-04	1.13E-02	2.80E-04	0.00E+00	7.38E-07	3.23E-06	2.84E-04
5977	482865.49, 3855919.36	0.13916	0.30944	0.00874	0.03394	5.93E-04	0.00E+00	7.43E-07	2.92E-06	5.96E-04	2.80E-04	9.75E-03	5.57E-05	1.07E-04	1.02E-02	2.66E-04	0.00E+00	7.43E-07	2.92E-06	2.69E-04
5978	482783.61, 3855918.8	0.13294	0.27504	0.00882	0.03101	5.66E-04	0.00E+00	7.50E-07	2.67E-06	5.70E-04	2.67E-04	8.66E-03	5.63E-05	9.79E-05	9.08E-03	2.54E-04	0.00E+00	7.50E-07	2.67E-06	2.57E-04
5979	482700.33, 3855818.39	0.1265	0.26493	0.00841	0.02823	5.39E-04	0.00E+00	7.15E-07	2.43E-06	5.42E-04	2.54E-04	8.35E-03	5.36E-05	8.91E-05	8.74E-03	2.42E-04	0.00E+00	7.15E-07	2.43E-06	2.45E-04
5980	482698.92, 3855718.54	0.1265	0.28248	0.0079	0.02694	5.39E-04	0.00E+00	6.72E-07	2.32E-06	5.42E-04	2.54E-04	8.90E-03	5.04E-05	8.51E-05	9.29E-03	2.42E-04	0.00E+00	6.72E-07	2.32E-06	2.45E-04
5981	482697.52, 3855618.68	0.1258	0.30667	0.0073	0.02549	5.36E-04	0.00E+00	6.21E-07	2.19E-06	5.39E-04	2.53E-04	9.66E-03	4.66E-05	8.05E-05	1.00E-02	2.40E-04	0.00E+00	6.21E-07	2.19E-06	2.43E-04
5982	482696.11, 3855518.83	0.12565	0.29771	0.0067	0.02424	5.35E-04	0.00E+00	5.70E-07	2.09E-06	5.38E-04	2.52E-04	9.38E-03	4.27E-05	7.65E-05	9.75E-03	2.40E-04	0.00E+00	5.70E-07	2.09E-06	2.43E-04
5983	482694.71, 3855418.98	0.12387	0.29089	0.00611	0.02335	5.28E-04	0.00E+00	5.20E-07	2.01E-06	5.30E-04	2.49E-04	9.16E-03	3.90E-05	7.37E-05	9.52E-03	2.37E-04	0.00E+00	5.20E-07	2.01E-06	2.39E-04
5984	482693.3, 3855319.13	0.12144	0.27361	0.00559	0.02342	5.17E-04	0.00E+00	4.75E-07	2.02E-06	5.20E-04	2.44E-04	8.62E-03	3.57E-05	7.39E-05	8.97E-03	2.32E-04	0.00E+00	4.75E-07	2.02E-06	2.34E-04
5985	482691.9, 3855219.27	0.11919	0.24164	0.00515	0.02672	5.08E-04	0.00E+00	4.38E-07	2.30E-06	5.10E-04	2.39E-04	7.61E-03	3.28E-05	8.44E-05	7.97E-03	2.28E-04	0.00E+00	4.38E-07	2.30E-06	2.30E-04
5986	482690.49, 3855119.42	0.11596	0.22277	0.00481	0.03456	4.94E-04	0.00E+00	4.09E-07	2.98E-06	4.97E-04	2.33E-04	7.02E-03	3.07E-05	1.09E-04	7.39E-03	2.21E-04	0.00E+00	4.09E-07	2.98E-06	2.25E-04
5987	482689.09, 3855019.57	0.11337	0.18209	0.00453	0.04169	4.83E-04	0.00E+00	3.85E-07	3.59E-06	4.87E-04	2.28E-04	5.74E-03	2.89E-05	1.32E-04	6.12E-03	2.17E-04	0.00E+00	3.85E-07	3.59E-06	2.21E-04
5988	482687.68, 3854919.72	0.10922	0.13801	0.00435	0.04197	4.65E-04	0.00E+00	3.70E-07	3.61E-06	4.69E-04	2.19E-04	4.35E-03	2.77E-05	1.33E-04	4.73E-03	2.09E-04	0.00E+00	3.70E-07	3.61E-06	2.13E-04
5989	482686.28, 3854819.86	0.10494	0.09917	0.00422	0.03658	4.47E-04	0.00E+00	3.59E-07	3.15E-06	4.50E-04	2.11E-04	3.12E-03	2.69E-05	1.15E-04	3.48E-03	2.00E-04	0.00E+00	3.59E-07	3.15E-06	2.04E-04
5990	482684.88, 3854720.01	0.099	0.07991	0.00414	0.02954	4.22E-04	0.00E+00	3.52E-07	2.54E-06	4.25E-04	1.99E-04	2.52E-03	2.64E-05	9.33E-05	2.84E-03	1.89E-04	0.00E+00	3.52E-07	2.54E-06	1.92E-04
5991	482683.47, 3854620.16	0.09369	0.0653	0.00405	0.02362	3.99E-04	0.00E+00	3.44E-07	2.03E-06	4.01E-04	1.88E-04	2.06E-03	2.58E-05	7.46E-05	2.35E-03	1.79E-04	0.00E+00	3.44E-07	2.03E-06	1.81E-04
5992	482682.07, 3854520.31	0.08816	0.05683	0.00399	0.01955	3.75E-04	0.00E+00	3.39E-07	1.68E-06	3.77E-04	1.77E-04	1.79E-03	2.55E-05	6.17E-05	2.05E-03	1.68E-04	0.00E+00	3.39E-07	1.68E-06	1.70E-04
5993	482680.66, 3854420.45	0.08344	0.05085	0.00393	0.01683	3.55E-04	0.00E+00	3.34E-07	1.45E-06	3.57E-04	1.68E-04	1.60E-03	2.51E-05	5.31E-05	1.85E-03	1.59E-04	0.00E+00	3.34E-07	1.45E-06	1.61E-04
5994	482679.26, 3854320.6	0.07951	0.04634	0.00387	0.01486	3.39E-04	0.00E+00	3.29E-07	1.28E-06	3.40E-04	1.60E-04	1.46E-03	2.47E-05	4.69E-05	1.69E-03	1.52E-04	0.00E+00	3.29E-07	1.28E-06	1.53E-04
5995	482677.85, 3854220.75	0.07674	0.04108	0.0038	0.01321	3.27E-04	0.00E+00	3.23E-07	1.14E-06	3.28E-04	1.54E-04	1.29E-03	2.42E-05	4.17E-05	1.51E-03	1.47E-04	0.00E+00	3.23E-07	1.14E-06	1.48E-04
5996	482676.45, 3854120.9	0.07228	0.0392	0.00377	0.01195	3.08E-04	0.00E+00	3.21E-07	1.03E-06	3.09E-04	1.45E-04	1.23E-03	2.40E-05	3.77E-05	1.44E-03	1.38E-04	0.00E+00	3.21E-07	1.03E-06	1.39E-04
5997	482675.04, 3854021.04	0.06759	0.03698	0.00374	0.01092	2.88E-04	0.00E+00	3.18E-07	9.40E-07	2.89E-04	1.36E-04	1.16E-03	2.39E-05	3.45E-05	1.36E-03	1.29E-04	0.00E+00	3.18E-07	9.40E-07	1.30E-04
5998	482673.64, 3853921.19	0.06231	0.03499	0.00371	0.01013	2.65E-04	0.00E+00	3.16E-07	8.72E-07	2.67E-04	1.25E-04	1.10E-03	2.37E-05	3.20E-05	1.28E-03	1.19E-04	0.00E+00	3.16E-07	8.72E-07	1.20E-04
5999	482672.23, 3853821.34	0.05749	0.03269	0.00366	0.00949	2.45E-04	0.00E+00	3.11E-07	8.17E-07	2.46E-04	1.15E-04	1.03E-03	2.33E-05	3.00E-05	1.20E-03	1.10E-04	0.00E+00	3.11E-07	8.17E-07	1.11E-04
6000	482670.83, 3853721.49	0.05307	0.03061	0.00361	0.00895	2.26E-04	0.00E+00	3.07E-07	7.71E-07	2.27E-04	1.07E-04	9.64E-04	2.30E-05	2.83E-05	1.12E-03	1.01E-04	0.00E+00	3.07E-07	7.71E-07	1.02E-04
6001	482669.42, 3853621.63	0.04952	0.02895	0.00356	0.0085	2.11E-04	0.00E+00	3.03E-07	7.32E-07	2.12E-04	9.95E-05	9.12E-04	2.27E-05	2.68E-05	1.06E-03	9.46E-05	0.00E+00	3.03E-07	7.32E-07	9.56E-05
6002	482645.99, 3853446.13	0.04639	0.02626	0.00346	0.00777	1.98E-04	0.00E+00	2.94E-07	6.69E-07	1.99E-04	9.32E-05	8.27E-04	2.21E-05	2.45E-05	9.67E-04	8.86E-05	0.00E+00	2.94E-07	6.69E-07	8.96E-05
6003	482623.97, 3853370.49	0.04577	0.02527	0.00341	0.00748	1.95E-04	0.00E+00	2.90E-07	6.44E-07	1.96E-04	9.19E-05	7.96E-04	2.18E-05	2.36E-05	9.33E-04	8.74E-05	0.00E+00	2.90E-07	6.44E-07	8.84E-05
6004	482601.94, 3853294.84	0.04556	0.02431	0.00337	0.00721	1.94E-04	0.00E+00	2.87E-07	6.21E-07	1.95E-04	9.15E-05	7.66E-04	2.15E-05	2.28E-05	9.02E-04	8.70E-05	0.00E+00	2.87E-07	6.21E-07	8.79E-05
6005	482531.29, 3853133.44	0.04494	0.02237	0.00326	0.00669	1.91E-04	0.00E+00	2.77E-07	5.76E-07	1.92E-04	9.03E-05	7.05E-04	2.08E-05	2.11E-05	8.37E-04	8.58E-05	0.00E+00	2.77E-07	5.76E-07	8.67E-05
6006	482482.68, 3853047.69	0.04439	0.02133	0.00321	0.00642	1.89E-04	0.00E+00	2.73E-07	5.53E-07	1.90E-04	8.92E-05	6.72E-04	2.05E-05	2.03E-05	8.02E-04	8.48E-05	0.00E+00	2.73E-07	5.53E-07	8.56E-05
6007	482383.09, 3852897.4	0.04263	0.01995	0.00312	0.00599	1.82E-04	0.00E+00	2.65E-07	5.16E-07	1.82E-04	8.56E-05	6.28E-04	1.99E-05	1.89E-05	7.53E-04	8.14E-05	0.00E+00	2.65E-07	5.16E-07	8.22E-05
6008	482265.64, 3852765.26	0.04035	0.01885	0.00305	0.00563	1.72E-04	0.00E+00	2.59E-07	4.85E-07	1.73E-04	8.10E-05	5.94E-04	1.95E-05	1.78E-05	7.12E-04	7.71E-05	0.00E+00	2.59E-07	4.85E-07	7.78E-05
6009	482199.16, 3852697.66	0.03914	0.01833	0.00302	0.00545	1.67E-04	0.00E+00	2.57E-07	4.69E-07	1.67E-04	7.86E-05	5.77E-04	1.93E-05	1.72E-05	6.92E-04	7.48E-05	0.00E+00	2.57E-07	4.69E-07	7.55E-05
6010	482132.69, 3852630.07	0.03802	0.01782	0.00298	0.0053	1.62E-04	0.00E+00	2.53E-07	4.56E-07	1.63E-04	7.64E-05	5.61E-04	1.90E-05	1.67E-05	6.73E-04	7.26E-05	0.00E+00	2.53E-07	4.56E-07	7.33E-05
6011	482066.21, 3852562.48	0.03693	0.01736	0.00295	0.00516	1.57E-04	0.00E+00	2.51E-07	4.44E-07	1.58E-04	7.42E-05	5.47E-04	1.88E-05	1.63E-05	6.56E-04	7.05E-05	0.00E+00	2.51E-07	4.44E-07	7.12E-05
6012	481999.74, 3852494.89	0.03586	0.01697	0.00291	0.00504	1.53E-04	0.00E+00	2.47E-07	4.34E-07	1.53E-04	7.20E-05	5.35E-04	1.86E-05	1.59E-05	6.41E-04	6.85E-05	0.00E+00	2.47E-07	4.34E-07	6.92E-05
6013	481933.26, 3852427.29	0.03485	0.01662	0.00288	0.00492	1.48E-04	0.00E+00	2.45E-07	4.24E-07	1.49E-04	7.00E-05	5.24E-04	1.84E-05	1.55E-05	6.27E-04	6.66E-05	0.00E+00	2.45E-07	4.24E-07	6.72E-05
6014	481866.79, 3852359.7	0.03394	0.01623	0.00285	0.00481	1.45E-04	0.00E+00	2.42E-07	4.14E-07	1.45E-04	6.82E-05	5.11E-04	1.82E-05	1.52E-05	6.13E-04	6.48E-05	0.00E+00	2.42E-07	4.14E-07	6.55E-05

6015	481800.31, 3852292.11	0.03308	0.01585	0.00281	0.00471	1.41E-04	0.00E+00	2.39E-07	4.06E-07	1.42E-04	6.64E-05	4.99E-04	1.79E-05	1.49E-05	5.99E-04	6.32E-05	0.00E+00	2.39E-07	4.06E-07	6.38E-05
6016	481733.84, 3852224.52	0.03223	0.01553	0.00278	0.00462	1.37E-04	0.00E+00	2.36E-07	3.98E-07	1.38E-04	6.47E-05	4.89E-04	1.77E-05	1.46E-05	5.86E-04	6.16E-05	0.00E+00	2.36E-07	3.98E-07	6.22E-05
6017	481667.36, 3852156.92	0.03146	0.01517	0.00275	0.00454	1.34E-04	0.00E+00	2.34E-07	3.91E-07	1.35E-04	6.32E-05	4.78E-04	1.75E-05	1.43E-05	5.73E-04	6.01E-05	0.00E+00	2.34E-07	3.91E-07	6.07E-05
6018	481600.89, 3852089.33	0.03063	0.01498	0.00272	0.00445	1.30E-04	0.00E+00	2.31E-07	3.83E-07	1.31E-04	6.15E-05	4.72E-04	1.73E-05	1.41E-05	5.65E-04	5.85E-05	0.00E+00	2.31E-07	3.83E-07	5.91E-05
6019	481534.41, 3852021.74	0.02982	0.01484	0.0027	0.00437	1.27E-04	0.00E+00	2.30E-07	3.76E-07	1.28E-04	5.99E-05	4.67E-04	1.72E-05	1.38E-05	5.58E-04	5.70E-05	0.00E+00	2.30E-07	3.76E-07	5.76E-05
6020	481467.94, 3851954.15	0.02907	0.01467	0.00267	0.00429	1.24E-04	0.00E+00	2.27E-07	3.69E-07	1.24E-04	5.84E-05	4.62E-04	1.70E-05	1.35E-05	5.51E-04	5.55E-05	0.00E+00	2.27E-07	3.69E-07	5.61E-05
6021	481401.46, 3851886.55	0.02838	0.01443	0.00264	0.00421	1.21E-04	0.00E+00	2.25E-07	3.63E-07	1.21E-04	5.70E-05	4.55E-04	1.68E-05	1.33E-05	5.42E-04	5.42E-05	0.00E+00	2.25E-07	3.63E-07	5.48E-05
6022	481265.87, 3851761.43	0.02694	0.01414	0.0026	0.00407	1.15E-04	0.00E+00	2.21E-07	3.50E-07	1.15E-04	5.41E-05	4.45E-04	1.66E-05	1.29E-05	5.29E-04	5.15E-05	0.00E+00	2.21E-07	3.50E-07	5.20E-05
6023	481196.74, 3851703.89	0.02624	0.01397	0.00257	0.00401	1.12E-04	0.00E+00	2.19E-07	3.45E-07	1.12E-04	5.27E-05	4.40E-04	1.64E-05	1.27E-05	5.22E-04	5.01E-05	0.00E+00	2.19E-07	3.45E-07	5.07E-05
6024	481076.33, 3851619.05	0.02498	0.01377	0.00254	0.00391	1.06E-04	0.00E+00	2.16E-07	3.37E-07	1.07E-04	5.02E-05	4.34E-04	1.62E-05	1.23E-05	5.12E-04	4.77E-05	0.00E+00	2.16E-07	3.37E-07	4.83E-05
6025	480939.8, 3851549.07	0.02348	0.01353	0.00252	0.00382	1.00E-04	0.00E+00	2.14E-07	3.29E-07	1.01E-04	4.72E-05	4.26E-04	1.61E-05	1.21E-05	5.01E-04	4.48E-05	0.00E+00	2.14E-07	3.29E-07	4.54E-05
6026	480854.56, 3851506.41	0.02255	0.01338	0.0025	0.00376	9.60E-05	0.00E+00	2.13E-07	3.24E-07	9.66E-05	4.53E-05	4.21E-04	1.59E-05	1.19E-05	4.95E-04	4.31E-05	0.00E+00	2.13E-07	3.24E-07	4.36E-05
6027	480769.32, 3851463.75	0.02166	0.01319	0.00249	0.00372	9.22E-05	0.00E+00	2.12E-07	3.20E-07	9.28E-05	4.35E-05	4.15E-04	1.59E-05	1.17E-05	4.87E-04	4.14E-05	0.00E+00	2.12E-07	3.20E-07	4.19E-05
6028	480684.08, 3851421.08	0.02081	0.01301	0.00248	0.00367	8.86E-05	0.00E+00	2.11E-07	3.16E-07	8.91E-05	4.18E-05	4.10E-04	1.58E-05	1.16E-05	4.79E-04	3.97E-05	0.00E+00	2.11E-07	3.16E-07	4.03E-05
6029	480598.84, 3851378.42	0.01999	0.01292	0.00247	0.00362	8.51E-05	0.00E+00	2.10E-07	3.12E-07	8.57E-05	4.02E-05	4.07E-04	1.58E-05	1.14E-05	4.74E-04	3.82E-05	0.00E+00	2.10E-07	3.12E-07	3.87E-05
6030	480435.71, 3851275.01	0.01868	0.0126	0.00243	0.00354	7.96E-05	0.00E+00	2.07E-07	3.05E-07	8.01E-05	3.75E-05	3.97E-04	1.55E-05	1.12E-05	4.61E-04	3.57E-05	0.00E+00	2.07E-07	3.05E-07	3.62E-05
6031	480347.85, 3851232.36	0.01796	0.01251	0.00242	0.0035	7.65E-05	0.00E+00	2.06E-07	3.01E-07	7.70E-05	3.61E-05	3.94E-04	1.54E-05	1.11E-05	4.57E-04	3.43E-05	0.00E+00	2.06E-07	3.01E-07	3.48E-05
6032	480260, 3851189.72	0.01729	0.01242	0.00241	0.00346	7.36E-05	0.00E+00	2.05E-07	2.98E-07	7.41E-05	3.47E-05	3.91E-04	1.54E-05	1.09E-05	4.52E-04	3.30E-05	0.00E+00	2.05E-07	2.98E-07	3.35E-05
6033	480172.15, 3851147.07	0.01668	0.01231	0.0024	0.00343	7.10E-05	0.00E+00	2.04E-07	2.95E-07	7.15E-05	3.35E-05	3.88E-04	1.53E-05	1.08E-05	4.47E-04	3.19E-05	0.00E+00	2.04E-07	2.95E-07	3.24E-05
6034	480084.29, 3851104.42	0.01611	0.01218	0.00239	0.0034	6.86E-05	0.00E+00	2.03E-07	2.93E-07	6.91E-05	3.24E-05	3.84E-04	1.52E-05	1.07E-05	4.42E-04	3.08E-05	0.00E+00	2.03E-07	2.93E-07	3.13E-05
6035	479996.44, 3851061.77	0.0156	0.01203	0.00237	0.00337	6.64E-05	0.00E+00	2.02E-07	2.90E-07	6.69E-05	3.13E-05	3.79E-04	1.51E-05	1.06E-05	4.36E-04	2.98E-05	0.00E+00	2.02E-07	2.90E-07	3.03E-05
6036	479908.58, 3851019.13	0.01512	0.01166	0.00236	0.00335	6.44E-05	0.00E+00	2.01E-07	2.88E-07	6.49E-05	3.04E-05	3.67E-04	1.51E-05	1.06E-05	4.23E-04	2.89E-05	0.00E+00	2.01E-07	2.88E-07	2.94E-05
6037	479820.73, 3850976.48	0.01469	0.01154	0.00235	0.00333	6.26E-05	0.00E+00	2.00E-07	2.87E-07	6.30E-05	2.95E-05	3.64E-04	1.50E-05	1.05E-05	4.19E-04	2.81E-05	0.00E+00	2.00E-07	2.87E-07	2.85E-05
6038	479732.88, 3850933.83	0.0143	0.01145	0.00233	0.0033	6.09E-05	0.00E+00	1.98E-07	2.84E-07	6.14E-05	2.87E-05	3.61E-04	1.49E-05	1.04E-05	4.15E-04	2.73E-05	0.00E+00	1.98E-07	2.84E-07	2.78E-05
6039	479645.02, 3850891.18	0.01395	0.01138	0.00232	0.00327	5.94E-05	0.00E+00	1.97E-07	2.82E-07	5.99E-05	2.80E-05	3.58E-04	1.48E-05	1.03E-05	4.12E-04	2.66E-05	0.00E+00	1.97E-07	2.82E-07	2.71E-05
6040	479557.17, 3850848.54	0.01363	0.01136	0.00231	0.00324	5.80E-05	0.00E+00	1.96E-07	2.79E-07	5.85E-05	2.74E-05	3.58E-04	1.47E-05	1.02E-05	4.10E-04	2.60E-05	0.00E+00	1.96E-07	2.79E-07	2.65E-05
6041	479469.32, 3850805.89	0.01334	0.0112	0.0023	0.00321	5.68E-05	0.00E+00	1.96E-07	2.76E-07	5.73E-05	2.68E-05	3.53E-04	1.47E-05	1.01E-05	4.04E-04	2.55E-05	0.00E+00	1.96E-07	2.76E-07	2.60E-05
6042	479381.46, 3850763.24	0.01309	0.01124	0.00229	0.00318	5.57E-05	0.00E+00	1.95E-07	2.74E-07	5.62E-05	2.63E-05	3.54E-04	1.46E-05	1.00E-05	4.05E-04	2.50E-05	0.00E+00	1.95E-07	2.74E-07	2.55E-05
6043	479293.61, 3850720.59	0.01286	0.01138	0.00228	0.00314	5.48E-05	0.00E+00	1.94E-07	2.70E-07	5.52E-05	2.58E-05	3.58E-04	1.45E-05	9.91E-06	4.09E-04	2.46E-05	0.00E+00	1.94E-07	2.70E-07	2.50E-05
6044	479205.76, 3850677.95	0.01266	0.01145	0.00227	0.00311	5.39E-05	0.00E+00	1.93E-07	2.68E-07	5.44E-05	2.54E-05	3.61E-04	1.45E-05	9.82E-06	4.10E-04	2.42E-05	0.00E+00	1.93E-07	2.68E-07	2.46E-05
6045	479117.9, 3850635.3	0.01247	0.01157	0.00226	0.00307	5.31E-05	0.00E+00	1.92E-07	2.64E-07	5.36E-05	2.50E-05	3.64E-04	1.44E-05	9.69E-06	4.14E-04	2.38E-05	0.00E+00	1.92E-07	2.64E-07	2.43E-05
6046	479030.05, 3850592.65	0.01229	0.0116	0.00225	0.00304	5.23E-05	0.00E+00	1.91E-07	2.62E-07	5.28E-05	2.47E-05	3.65E-04	1.44E-05	9.60E-06	4.14E-04	2.35E-05	0.00E+00	1.91E-07	2.62E-07	2.39E-05
6047	478942.19, 3850550	0.01213	0.01141	0.00224	0.00302	5.17E-05	0.00E+00	1.91E-07	2.60E-07	5.21E-05	2.44E-05	3.59E-04	1.43E-05	9.54E-06	4.08E-04	2.32E-05	0.00E+00	1.91E-07	2.60E-07	2.36E-05
6048	478854.34, 3850507.36	0.01182	0.01088	0.00222	0.003	5.03E-05	0.00E+00	1.89E-07	2.58E-07	5.08E-05	2.37E-05	3.43E-04	1.42E-05	9.47E-06	3.90E-04	2.26E-05	0.00E+00	1.89E-07	2.58E-07	2.30E-05
6049	478766.49, 3850464.71	0.01163	0.01065	0.0022	0.00298	4.95E-05	0.00E+00	1.87E-07	2.57E-07	5.00E-05	2.34E-05	3.35E-04	1.40E-05	9.41E-06	3.82E-04	2.22E-05	0.00E+00	1.87E-07	2.57E-07	2.27E-05
6050	478678.63, 3850422.06	0.01149	0.0105	0.00219	0.00296	4.89E-05	0.00E+00	1.86E-07	2.55E-07	4.94E-05	2.31E-05	3.31E-04	1.40E-05	9.35E-06	3.77E-04	2.19E-05	0.00E+00	1.86E-07	2.55E-07	2.24E-05
6051	478590.78, 3850379.41	0.01136	0.0103	0.00218	0.00293	4.84E-05	0.00E+00	1.85E-07	2.52E-07	4.88E-05	2.28E-05	3.24E-04	1.39E-05	9.25E-06	3.70E-04	2.17E-05	0.00E+00	1.85E-07	2.52E-07	2.21E-05
6052	478502.93, 3850336.77	0.01125	0.01018	0.00216	0.00291	4.79E-05	0.00E+00	1.84E-07	2.51E-07	4.83E-05	2.26E-05	3.21E-04	1.38E-05	9.19E-06	3.66E-04	2.15E-05	0.00E+00	1.84E-07	2.51E-07	2.19E-05
6053	478415.07, 3850294.12	0.01116	0.0101	0.00215	0.00289	4.75E-05	0.00E+00	1.83E-07	2.49E-07	4.80E-05	2.24E-05	3.18E-04	1.37E-05	9.12E-06	3.63E-04	2.13E-05	0.00E+00	1.83E-07	2.49E-07	2.17E-05
6054	478327.22, 3850251.47	0.01105	0.00988	0.00214	0.00286	4.71E-05	0.00E+00	1.82E-07	2.46E-07	4.75E-05	2.22E-05	3.11E-04	1.37E-05	9.03E-06	3.56E-04	2.11E-05	0.00E+00	1.82E-07	2.46E-07	2.15E-05
6055	478239.36, 3850208.82	0.01094	0.0097	0.00213	0.00284	4.66E-05	0.00E+00	1.81E-07	2.45E-07	4.70E-05	2.20E-05	3.06E-04	1.36E-05	8.97E-06	3.50E-04	2.09E-05	0.00E+00	1.81E-07	2.45E-07	2.13E-05
6056	478151.51, 3850166.18	0.01085	0.00954	0.00211	0.00282	4.62E-05	0.00E+00	1.79E-07	2.43E-07	4.66E-05	2.18E-05	3.01E-04	1.35E-05	8.90E-06	3.45E-04	2.07E-05	0.00E+00	1.79E-07	2.43E-07	2.11E-05
6057	478063.66, 3850123.53	0.01076	0.00939	0.0021	0.0028	4.58E-05	0.00E+00	1.79E-07	2.41E-07	4.62E-05	2.16E-05	2.96E-04	1.34E-05	8.84E-06	3.40E-04	2.06E-05	0.00E+00	1.79E-07	2.41E-07	2.10E-05
6058	477975.8, 3850080.88	0.01073	0.00971	0.00209	0.00278	4.57E-05	0.00E+00	1.78E-07	2.39E-07	4.61E-05	2.16E-05	3.06E-04	1.33E-05	8.78E-06	3.50E-04	2.05E-05	0.00E+00	1.78E-07	2.39E-07	2.09E-05
6059	477887.95, 3850038.23	0.01066	0.00967	0.00208	0.00276	4.54E-05	0.00E+00	1.77E-07	2.38E-07	4.58E-05	2.14E-05	3.05E-04	1.33E-05	8.71E-06	3.48E-04	2.04E-05	0.00E+00	1.77E-07	2.38E-07	2.08E-05
6060	477800.1, 3849995.59	0.01059	0.00967	0.00206	0.00274	4.51E-05	0.00E+00	1.75E-07	2.36E-07	4.55E-05	2.13E-05	3.05E-04	1.31E-05	8.65E-06	3.48E-04	2.02E-05	0.00E+00	1.75E-07	2.36E-07	2.06E-05
6061	477712.24, 3849952.94	0.0105	0.00953	0.00205	0.00273	4.47E-05	0.00E+00	1.74E-07	2.35E-07	4.51E-05	2.11E-05	3.00E-04	1.31E-05	8.62E-06	3.43E-04	2.01E-05	0.00E+00	1.74E-07	2.35E-07	2.05E-05
6062	477624.39, 3849910.29	0.01041	0.00938	0.00204	0.00271	4.43E-05	0.00E+00	1.73E-07	2.33E-07	4.47E-05	2.09E-05	2.95E-04	1.30E-05	8.56E-06	3.38E-04	1.99E-05	0.00E+00	1.73E-07	2.33E-07	2.03E-05
6063	477536.54, 3849867.64	0.01032	0.00925	0.00203	0.0027	4.39E-05	0.00E+00	1.73E-07	2.32E-07	4.44E-05	2.07E-05	2.91E-04	1.29E-05	8.52E-06	3.34E-04	1.97E-05	0.00E+00	1.73E-07	2.32E-07	2.01E-05
6064	477448.68, 3849825	0.01022	0.00904	0.00201	0.00268	4.35E-05	0.00E+00	1.71E-07	2.31E-07	4.39E-05	2.05E-05	2.85E-04	1.28E-05	8.46E-06	3.27E-04	1.95E-05	0.00E+00	1.71E-07	2.31E-07	1.99E-05
6065	477360.83, 3849782.35	0.01013	0.00884	0.002	0.00267	4.31E-05	0.00E+00	1.70E-07	2.30E-07	4.35E-05	2.03E-05	2.78E-04	1.28E-05	8.43E-06	3.20E-04	1.93E-05	0.00E+00	1.70E-07	2.30E-07	1.97E-05
6066	477272.97, 3849739.7	0.01003	0.00861	0.00199	0.00266	4.27E-05	0.00E+00	1.69E-07	2.29E-07	4.31E-05	2.01E-05	2.71E-04	1.27E-05	8.40E-06	3.12E-04	1.92E-05	0.00E+00	1.69E-07	2.29E-07	1.96E-05
6067	477185.12, 3849697.05	0.00994	0.00843	0.00197	0.00265	4.23E-05	0.00E+00	1.68E-07	2.28E-07	4.27E-05	2.00E-05	2.66E-04	1.26E-05	8.37E-06	3.06E-04	1.90E-05	0.00E+00	1.68E-07	2.28E-07	1.94E-05
6068	477097.27, 3849654.41	0.00984	0.00821	0.00196	0.00263	4.19E-05	0.00E+00	1.67E-07	2.26E-07	4.23E-05	1.98E-05	2.59E-04	1.25E-05	8.30E-06	2.99E-04	1.88E-05	0.00E+00	1.67E-07	2.26E-07	1.92E-05
6069	477009.41, 3849611.76	0.00973	0.00786	0.00195	0.00262	4.14E-05	0.00E+00	1.66E-07	2.26E-07	4.18E-05	1.95E-05	2.48E-04	1.24E-05	8.27E-06	2.88E-04	1.86E-05	0.00E+00	1.66E-07	2.26E-07	1.90E-05
6070	476841.49, 3849530.08	0.00954	0.00742	0.00192	0.0026	4.06E-05	0.00E+00	1.63E-07	2.24E-07	4.10E-05	1.92E-05	2.34E-04	1.22E-05	8.21E-06	2.73E-04	1.82E-05	0.00E+00	1.63E-07	2.24E-07	1.86E-05
6071	476761.41, 3849491.05	0.00946	0.00727	0.00191	0.00259	4.03E-05	0.00E+00	1.62E-07	2.23E-07	4.07E-05	1.90E-05	2.29E-04	1.22E-05	8.18E-06	2.68E-04	1.81E-05	0.00E+00	1.62E-07	2.23E-07	1.85E-05
6072	476681.34, 3849452.02	0.00937	0.00705	0.0019	0.00258	3.99E-05	0.00E+00	1.62E-07	2.22E-07	4.03E-05	1.88E-05	2.22E-04	1.21E-05	8.15E-06	2.61E-04	1.79E-05	0.00E+00	1.62E-07	2.22E-07	1.83E-05
6073	476601.26, 3849412.99	0.00927	0.00681	0.00189	0.00257	3.95E-05	0.00E+00	1.61E-07	2.21E-07	3.99E-05	1.86E-05	2.15E-04	1.21E-05	8.11E-06	2.53E-04	1.77E-05	0.00E+00	1.61E-07	2.21E-07	1.81E-05

6074	476456.32, 3849353.67	0.00911	0.00629	0.00187	0.00256	3.88E-05	0.00E+00	1.59E-07	2.20E-07	3.92E-05	1.83E-05	1.98E-04	1.19E-05	8.08E-06	2.36E-04	1.74E-05	0.00E+00	1.59E-07	2.20E-07	1.78E-05
6075	476305.43, 3849318.84	0.00906	0.00611	0.00185	0.00255	3.86E-05	0.00E+00	1.57E-07	2.20E-07	3.90E-05	1.82E-05	1.92E-04	1.18E-05	8.05E-06	2.31E-04	1.73E-05	0.00E+00	1.57E-07	2.20E-07	1.77E-05
6076	476129.36, 3849289.99	0.00901	0.0058	0.00183	0.00255	3.84E-05	0.00E+00	1.56E-07	2.20E-07	3.87E-05	1.81E-05	1.83E-04	1.17E-05	8.05E-06	2.21E-04	1.72E-05	0.00E+00	1.56E-07	2.20E-07	1.76E-05
6077	476039.31, 3849275.68	0.00899	0.00567	0.00182	0.00255	3.83E-05	0.00E+00	1.55E-07	2.20E-07	3.87E-05	1.81E-05	1.79E-04	1.16E-05	8.05E-06	2.16E-04	1.72E-05	0.00E+00	1.55E-07	2.20E-07	1.75E-05
6078	475949.26, 3849261.38	0.00893	0.00543	0.00181	0.00255	3.80E-05	0.00E+00	1.54E-07	2.20E-07	3.84E-05	1.79E-05	1.71E-04	1.15E-05	8.05E-06	2.09E-04	1.71E-05	0.00E+00	1.54E-07	2.20E-07	1.74E-05
6079	475859.21, 3849247.08	0.0089	0.00532	0.0018	0.00255	3.79E-05	0.00E+00	1.53E-07	2.20E-07	3.83E-05	1.79E-05	1.68E-04	1.15E-05	8.05E-06	2.05E-04	1.70E-05	0.00E+00	1.53E-07	2.20E-07	1.74E-05
6080	475769.16, 3849232.77	0.00886	0.00518	0.00179	0.00255	3.77E-05	0.00E+00	1.52E-07	2.20E-07	3.81E-05	1.78E-05	1.63E-04	1.14E-05	8.05E-06	2.00E-04	1.69E-05	0.00E+00	1.52E-07	2.20E-07	1.73E-05
6081	475585.23, 3849219.27	0.00824	0.00421	0.00178	0.00254	3.51E-05	0.00E+00	1.51E-07	2.19E-07	3.55E-05	1.66E-05	1.33E-04	1.14E-05	8.02E-06	1.69E-04	1.57E-05	0.00E+00	1.51E-07	2.19E-07	1.61E-05
6082	475444.5, 3849150.35	0.00852	0.00464	0.00177	0.00253	3.63E-05	0.00E+00	1.51E-07	2.18E-07	3.67E-05	1.71E-05	1.46E-04	1.13E-05	7.99E-06	1.83E-04	1.63E-05	0.00E+00	1.51E-07	2.18E-07	1.66E-05
6083	475334.18, 3849118.71	0.00853	0.00472	0.00176	0.00252	3.63E-05	0.00E+00	1.50E-07	2.17E-07	3.67E-05	1.71E-05	1.49E-04	1.12E-05	7.96E-06	1.85E-04	1.63E-05	0.00E+00	1.50E-07	2.17E-07	1.67E-05
6084	475230.47, 3849060.57	0.00842	0.00467	0.00175	0.00251	3.59E-05	0.00E+00	1.49E-07	2.16E-07	3.62E-05	1.69E-05	1.47E-04	1.12E-05	7.93E-06	1.83E-04	1.61E-05	0.00E+00	1.49E-07	2.16E-07	1.64E-05
6085	475110.86, 3848960.97	0.00821	0.00456	0.00173	0.00248	3.50E-05	0.00E+00	1.47E-07	2.14E-07	3.53E-05	1.65E-05	1.44E-04	1.10E-05	7.83E-06	1.79E-04	1.57E-05	0.00E+00	1.47E-07	2.14E-07	1.60E-05
6086	475037.79, 3848896.28	0.00805	0.00444	0.00172	0.00246	3.43E-05	0.00E+00	1.46E-07	2.12E-07	3.46E-05	1.62E-05	1.40E-04	1.10E-05	7.77E-06	1.75E-04	1.54E-05	0.00E+00	1.46E-07	2.12E-07	1.57E-05
6087	474964.72, 3848831.59	0.00789	0.00434	0.00171	0.00244	3.36E-05	0.00E+00	1.45E-07	2.10E-07	3.40E-05	1.58E-05	1.37E-04	1.09E-05	7.70E-06	1.71E-04	1.51E-05	0.00E+00	1.45E-07	2.10E-07	1.54E-05
6088	474891.65, 3848766.9	0.00777	0.00428	0.0017	0.00242	3.31E-05	0.00E+00	1.45E-07	2.08E-07	3.34E-05	1.56E-05	1.35E-04	1.08E-05	7.64E-06	1.69E-04	1.48E-05	0.00E+00	1.45E-07	2.08E-07	1.52E-05
6089	474818.58, 3848702.22	0.00767	0.00425	0.00169	0.00241	3.27E-05	0.00E+00	1.44E-07	2.08E-07	3.30E-05	1.54E-05	1.34E-04	1.08E-05	7.61E-06	1.68E-04	1.46E-05	0.00E+00	1.44E-07	2.08E-07	1.50E-05
6090	474745.51, 3848637.53	0.00765	0.00432	0.00168	0.00239	3.26E-05	0.00E+00	1.43E-07	2.06E-07	3.29E-05	1.54E-05	1.36E-04	1.07E-05	7.55E-06	1.70E-04	1.46E-05	0.00E+00	1.43E-07	2.06E-07	1.50E-05
6091	474672.44, 3848572.84	0.00756	0.00432	0.00167	0.00238	3.22E-05	0.00E+00	1.42E-07	2.05E-07	3.25E-05	1.52E-05	1.36E-04	1.07E-05	7.51E-06	1.69E-04	1.44E-05	0.00E+00	1.42E-07	2.05E-07	1.48E-05
6092	474599.37, 3848508.15	0.00743	0.00422	0.00166	0.00236	3.16E-05	0.00E+00	1.41E-07	2.03E-07	3.20E-05	1.49E-05	1.33E-04	1.06E-05	7.45E-06	1.66E-04	1.42E-05	0.00E+00	1.41E-07	2.03E-07	1.45E-05
6093	474526.3, 3848443.46	0.00733	0.00417	0.00165	0.00234	3.12E-05	0.00E+00	1.40E-07	2.01E-07	3.16E-05	1.47E-05	1.31E-04	1.05E-05	7.39E-06	1.64E-04	1.40E-05	0.00E+00	1.40E-07	2.01E-07	1.43E-05

			2028	2033	2048	Residential Dose							Risk by Age Group							
Rec#	X	Y	Conc	Conc	Conc	3rd	0<2	2<9 (2028)	2<9 (2033)	9<16	16<70(2033)	16<70(2048)	3rd	0<2	2<9 (2028)	2<9 (2033)	9<16	16<70(2033)	16<70(2048)	Total Risk
1	485973.61	3854936.51	3.21E-03	3.44E-03	2.57E-03	1.11E-06	3.36E-06	1.95E-06	2.08E-06	1.89E-06	8.62E-07	6.44E-07	3.72E-08	8.98E-07	1.98E-07	2.83E-07	4.49E-07	7.91E-08	3.38E-07	2.28E-06
2	486023.61	3854936.51	3.16E-03	3.38E-03	2.53E-03	1.09E-06	3.31E-06	1.91E-06	2.05E-06	1.86E-06	8.48E-07	6.35E-07	3.66E-08	8.83E-07	1.95E-07	2.78E-07	4.41E-07	7.78E-08	3.33E-07	2.24E-06
3	486073.61	3854936.51	3.13E-03	3.35E-03	2.51E-03	1.09E-06	3.28E-06	1.90E-06	2.03E-06	1.84E-06	8.40E-07	6.30E-07	3.63E-08	8.76E-07	1.93E-07	2.76E-07	4.38E-07	7.71E-08	3.31E-07	2.23E-06
4	486123.61	3854936.51	3.05E-03	3.26E-03	2.45E-03	1.06E-06	3.19E-06	1.85E-06	1.98E-06	1.79E-06	8.17E-07	6.15E-07	3.53E-08	8.52E-07	1.88E-07	2.68E-07	4.26E-07	7.50E-08	3.23E-07	2.17E-06
5	486173.61	3854936.51	3.06E-03	3.27E-03	2.46E-03	1.06E-06	3.20E-06	1.85E-06	1.98E-06	1.80E-06	8.19E-07	6.17E-07	3.54E-08	8.54E-07	1.89E-07	2.69E-07	4.27E-07	7.52E-08	3.24E-07	2.17E-06
6	486223.61	3854936.51	3.01E-03	3.22E-03	2.43E-03	1.04E-06	3.15E-06	1.82E-06	1.95E-06	1.77E-06	8.06E-07	6.08E-07	3.48E-08	8.42E-07	1.86E-07	2.65E-07	4.20E-07	7.40E-08	3.19E-07	2.14E-06
7	486273.61	3854936.51	2.98E-03	3.19E-03	2.41E-03	1.03E-06	3.12E-06	1.81E-06	1.93E-06	1.75E-06	7.98E-07	6.03E-07	3.45E-08	8.33E-07	1.84E-07	2.62E-07	4.16E-07	7.33E-08	3.17E-07	2.12E-06
8	486323.61	3854936.51	2.96E-03	3.16E-03	2.39E-03	1.02E-06	3.09E-06	1.79E-06	1.91E-06	1.73E-06	7.91E-07	5.99E-07	3.42E-08	8.26E-07	1.82E-07	2.60E-07	4.12E-07	7.26E-08	3.14E-07	2.10E-06
9	485973.61	3854986.51	3.61E-03	3.88E-03	2.83E-03	1.25E-06	3.77E-06	2.18E-06	2.35E-06	2.13E-06	9.72E-07	7.09E-07	4.17E-08	1.01E-06	2.22E-07	3.19E-07	5.06E-07	8.92E-08	3.72E-07	2.56E-06
10	486023.61	3854986.51	3.55E-03	3.82E-03	2.79E-03	1.23E-06	3.72E-06	2.15E-06	2.31E-06	2.10E-06	9.56E-07	7.00E-07	4.11E-08	9.93E-07	2.19E-07	3.14E-07	4.98E-07	8.78E-08	3.67E-07	2.52E-06
11	486073.61	3854986.51	3.48E-03	3.74E-03	2.75E-03	1.21E-06	3.64E-06	2.11E-06	2.26E-06	2.05E-06	9.37E-07	6.88E-07	4.03E-08	9.73E-07	2.15E-07	3.07E-07	4.88E-07	8.60E-08	3.61E-07	2.47E-06
12	486123.61	3854986.51	3.42E-03	3.67E-03	2.70E-03	1.18E-06	3.57E-06	2.07E-06	2.22E-06	2.01E-06	9.19E-07	6.77E-07	3.95E-08	9.55E-07	2.11E-07	3.02E-07	4.78E-07	8.43E-08	3.55E-07	2.42E-06
13	486173.61	3854986.51	3.39E-03	3.64E-03	2.69E-03	1.17E-06	3.55E-06	2.05E-06	2.20E-06	2.00E-06	9.12E-07	6.73E-07	3.92E-08	9.48E-07	2.09E-07	2.99E-07	4.75E-07	8.37E-08	3.53E-07	2.41E-06
14	486223.61	3854986.51	3.33E-03	3.57E-03	2.64E-03	1.15E-06	3.48E-06	2.01E-06	2.16E-06	1.96E-06	8.94E-07	6.62E-07	3.85E-08	9.30E-07	2.05E-07	2.93E-07	4.65E-07	8.20E-08	3.48E-07	2.36E-06
15	486273.61	3854986.51	3.26E-03	3.49E-03	2.60E-03	1.13E-06	3.41E-06	1.97E-06	2.11E-06	1.92E-06	8.74E-07	6.50E-07	3.77E-08	9.10E-07	2.01E-07	2.87E-07	4.55E-07	8.02E-08	3.41E-07	2.31E-06
16	486323.61	3854986.51	3.27E-03	3.50E-03	2.60E-03	1.13E-06	3.42E-06	1.98E-06	2.12E-06	1.92E-06	8.77E-07	6.53E-07	3.78E-08	9.13E-07	2.01E-07	2.88E-07	4.57E-07	8.05E-08	3.42E-07	2.32E-06
17	485973.61	3855036.51	4.06E-03	4.39E-03	3.13E-03	1.41E-06	4.25E-06	2.46E-06	2.66E-06	2.41E-06	1.10E-06	7.84E-07	4.70E-08	1.14E-06	2.51E-07	3.61E-07	5.72E-07	1.01E-07	4.12E-07	2.88E-06
18	486023.61	3855036.51	3.97E-03	4.29E-03	3.07E-03	1.38E-06	4.16E-06	2.41E-06	2.60E-06	2.35E-06	1.07E-06	7.70E-07	4.60E-08	1.11E-06	2.45E-07	3.53E-07	5.59E-07	9.86E-08	4.04E-07	2.82E-06
19	486073.61	3855036.51	3.86E-03	4.16E-03	3.00E-03	1.34E-06	4.04E-06	2.34E-06	2.52E-06	2.29E-06	1.04E-06	7.51E-07	4.47E-08	1.08E-06	2.38E-07	3.42E-07	5.43E-07	9.57E-08	3.94E-07	2.74E-06
20	486123.61	3855036.51	3.78E-03	4.07E-03	2.95E-03	1.31E-06	3.96E-06	2.29E-06	2.47E-06	2.24E-06	1.02E-06	7.38E-07	4.38E-08	1.06E-06	2.33E-07	3.35E-07	5.32E-07	9.37E-08	3.88E-07	2.68E-06
21	486173.61	3855036.51	3.75E-03	4.03E-03	2.93E-03	1.30E-06	3.92E-06	2.27E-06	2.44E-06	2.22E-06	1.01E-06	7.33E-07	4.34E-08	1.05E-06	2.31E-07	3.32E-07	5.26E-07	9.28E-08	3.85E-07	2.66E-06
22	486223.61	3855036.51	3.65E-03	3.93E-03	2.86E-03	1.27E-06	3.82E-06	2.21E-06	2.38E-06	2.16E-06	9.84E-07	7.17E-07	4.23E-08	1.02E-06	2.25E-07	3.23E-07	5.12E-07	9.03E-08	3.76E-07	2.59E-06
23	486273.61	3855036.51	3.63E-03	3.90E-03	2.85E-03	1.26E-06	3.80E-06	2.20E-06	2.36E-06	2.14E-06	9.78E-07	7.14E-07	4.20E-08	1.01E-06	2.24E-07	3.21E-07	5.09E-07	8.97E-08	3.75E-07	2.58E-06
24	486323.61	3855036.51	3.56E-03	3.83E-03	2.81E-03	1.24E-06	3.73E-06	2.16E-06	2.32E-06	2.10E-06	9.59E-07	7.03E-07	4.12E-08	9.96E-07	2.20E-07	3.15E-07	5.00E-07	8.81E-08	3.69E-07	2.53E-06
25	485973.61	3855086.51	4.55E-03	4.93E-03	3.45E-03	1.58E-06	4.76E-06	2.76E-06	2.98E-06	2.71E-06	1.23E-06	8.63E-07	5.26E-08	1.27E-06	2.81E-07	4.05E-07	6.43E-07	1.13E-07	4.53E-07	3.22E-06
26	486023.61	3855086.51	4.46E-03	4.82E-03	3.39E-03	1.54E-06	4.66E-06	2.70E-06	2.92E-06	2.65E-06	1.21E-06	8.49E-07	5.16E-08	1.25E-06	2.75E-07	3.97E-07	6.29E-07	1.11E-07	4.45E-07	3.15E-06
27	486073.61	3855086.51	4.31E-03	4.66E-03	3.29E-03	1.49E-06	4.51E-06	2.61E-06	2.82E-06	2.56E-06	1.17E-06	8.25E-07	4.99E-08	1.20E-06	2.66E-07	3.83E-07	6.08E-07	1.07E-07	4.33E-07	3.05E-06
28	486123.61	3855086.51	4.23E-03	4.57E-03	3.24E-03	1.47E-06	4.43E-06	2.56E-06	2.77E-06	2.51E-06	1.15E-06	8.13E-07	4.90E-08	1.18E-06	2.61E-07	3.76E-07	5.97E-07	1.05E-07	4.27E-07	3.00E-06
29	486173.61	3855086.51	4.12E-03	4.44E-03	3.17E-03	1.43E-06	4.31E-06	2.49E-06	2.69E-06	2.44E-06	1.11E-06	7.94E-07	4.76E-08	1.15E-06	2.54E-07	3.65E-07	5.80E-07	1.02E-07	4.17E-07	2.92E-06
30	486223.61	3855086.51	4.05E-03	4.37E-03	3.13E-03	1.40E-06	4.23E-06	2.45E-06	2.64E-06	2.40E-06	1.09E-06	7.83E-07	4.68E-08	1.13E-06	2.50E-07	3.59E-07	5.70E-07	1.00E-07	4.11E-07	2.87E-06
31	485973.61	3855136.51	5.12E-03	5.57E-03	3.81E-03	1.77E-06	5.36E-06	3.10E-06	3.37E-06	3.06E-06	1.39E-06	9.56E-07	5.93E-08	1.43E-06	3.16E-07	4.58E-07	7.26E-07	1.28E-07	5.02E-07	3.62E-06
32	486023.61	3855136.51	4.97E-03	5.39E-03	3.72E-03	1.72E-06	5.20E-06	3.01E-06	3.27E-06	2.96E-06	1.35E-06	9.32E-07	5.75E-08	1.39E-06	3.06E-07	4.44E-07	7.04E-07	1.24E-07	4.89E-07	3.51E-06
33	486073.61	3855136.51	4.82E-03	5.23E-03	3.62E-03	1.67E-06	5.04E-06	2.92E-06	3.17E-06	2.87E-06	1.31E-06	9.08E-07	5.58E-08	1.35E-06	2.97E-07	4.30E-07	6.82E-07	1.20E-07	4.77E-07	3.41E-06
34	486123.61	3855136.51	4.69E-03	5.09E-03	3.55E-03	1.63E-06	4.91E-06	2.84E-06	3.08E-06	2.79E-06	1.27E-06	8.89E-07	5.43E-08	1.31E-06	2.90E-07	4.18E-07	6.64E-07	1.17E-07	4.66E-07	3.32E-06
35	486173.61	3855136.51	4.56E-03	4.94E-03	3.47E-03	1.58E-06	4.78E-06	2.76E-06	2.99E-06	2.71E-06	1.24E-06	8.68E-07	5.28E-08	1.28E-06	2.81E-07	4.06E-07	6.45E-07	1.14E-07	4.56E-07	3.23E-06
36	486223.61	3855136.51	4.46E-03	4.82E-03	3.40E-03	1.54E-06	4.66E-06	2.70E-06	2.92E-06	2.65E-06	1.21E-06	8.51E-07	5.16E-08	1.25E-06	2.75E-07	3.96E-07	6.29E-07	1.11E-07	4.47E-07	3.15E-06
37	485973.61	3855186.51	5.74E-03	6.26E-03	4.21E-03	1.99E-06	6.01E-06	3.48E-06	3.79E-06	3.44E-06	1.57E-06	1.06E-06	6.65E-08	1.61E-06	3.54E-07	5.15E-07	8.17E-07	1.44E-07	5.54E-07	4.06E-06
38	486023.61	3855186.51	5.56E-03	6.06E-03	4.10E-03	1.93E-06	5.82E-06	3.37E-06	3.67E-06	3.33E-06	1.52E-06	1.03E-06	6.44E-08	1.55E-06	3.43E-07	4.98E-07	7.90E-07	1.39E-07	5.40E-07	3.93E-06
39	486073.61	3855186.51	5.35E-03	5.81E-03	3.97E-03	1.85E-06	5.59E-06	3.24E-06	3.52E-06	3.19E-06	1.46E-06	9.94E-07	6.19E-08	1.49E-06	3.30E-07	4.78E-07	7.58E-07	1.34E-07	5.22E-07	3.78E-06
40	486123.61	3855186.51	5.15E-03	5.60E-03	3.85E-03	1.79E-06	5.39E-06	3.12E-06	3.39E-06	3.07E-06	1.40E-06	9.64E-07	5.96E-08	1.44E-06	3.18E-07	4.60E-07	7.30E-07	1.29E-07	5.06E-07	3.64E-06
41	486173.61	3855186.51	5.01E-03	5.44E-03	3.76E-03	1.74E-06	5.24E-06	3.03E-06	3.29E-06	2.98E-06	1.36E-06	9.42E-07	5.80E-08	1.40E-06	3.09E-07	4.47E-07	7.09E-07	1.25E-07	4.94E-07	3.54E-06
42	486223.61	3855186.51	4.88E-03	5.29E-03	3.68E-03	1.69E-06	5.10E-06	2.95E-06	3.20E-06	2.90E-06	1.32E-06	9.21E-07	5.64E-08	1.36E-06	3.01E-07	4.35E-07	6.90E-07	1.22E-07	4.83E-07	3.45E-06
43	486273.61	3855186.51	4.74E-03	5.14E-03	3.59E-03	1.64E-06	4.96E-06	2.87E-06	3.11E-06	2.82E-06	1.29E-06	9.00E-07	5.49E-08	1.33E-06	2.93E-07	4.22E-07	6.70E-07	1.18E-07	4.72E-07	3.36E-06
44	486323.61	3855186.51	4.74E-03	5.13E-03	3.60E-03	1.64E-06	4.96E-06	2.87E-06	3.11E-06	2.82E-06	1.29E-06	9.02E-07	5.49E-08	1.33E-06	2.92E-07	4.22E-07	6.70E-07	1.18E-07	4.73E-07	3.36E-06
45	485973.61	3855236.51	6.40E-03	7.00E-03	4.63E-03	2.22E-06	6.70E-06	3.88E-06	4.24E-06	3.84E-06	1.75E-06	1.16E-06	7.41E-08	1.79E-06	3.95E-07	5.76E-07	9.13E-07	1.61E-07	6.09E-07	4.52E-06
46	486023.61	3855236.51	6.13E-03	6.69E-03	4.47E-03	2.13E-06	6.42E-06	3.71E-06	4.05E-06	3.67E-06	1.68E-06	1.12E-06	7.10E-08	1.71E-06	3.78E-07	5.50E-07	8.73E-07	1.54E-07	5.88E-07	4.33E-06

47	486073.61	3855236.51	5.87E-03	6.40E-03	4.31E-03	2.03E-06	6.14E-06	3.56E-06	3.87E-06	3.51E-06	1.60E-06	1.08E-06	6.79E-08	1.64E-06	3.62E-07	5.26E-07	8.35E-07	1.47E-07	5.66E-07	4.14E-06
48	486123.61	3855236.51	5.67E-03	6.18E-03	4.19E-03	1.97E-06	5.94E-06	3.44E-06	3.74E-06	3.39E-06	1.55E-06	1.05E-06	6.56E-08	1.59E-06	3.50E-07	5.08E-07	8.06E-07	1.42E-07	5.50E-07	4.01E-06
49	486173.61	3855236.51	5.50E-03	5.98E-03	4.08E-03	1.91E-06	5.75E-06	3.33E-06	3.62E-06	3.28E-06	1.50E-06	1.02E-06	6.36E-08	1.54E-06	3.39E-07	4.92E-07	7.80E-07	1.38E-07	5.36E-07	3.89E-06
50	486223.61	3855236.51	5.33E-03	5.79E-03	3.97E-03	1.85E-06	5.57E-06	3.23E-06	3.51E-06	3.18E-06	1.45E-06	9.96E-07	6.16E-08	1.49E-06	3.29E-07	4.76E-07	7.55E-07	1.33E-07	5.22E-07	3.77E-06
51	486273.61	3855236.51	5.11E-03	5.54E-03	3.83E-03	1.77E-06	5.34E-06	3.09E-06	3.36E-06	3.04E-06	1.39E-06	9.60E-07	5.91E-08	1.43E-06	3.15E-07	4.56E-07	7.23E-07	1.27E-07	5.04E-07	3.61E-06
52	486323.61	3855236.51	5.16E-03	5.60E-03	3.88E-03	1.79E-06	5.40E-06	3.13E-06	3.39E-06	3.07E-06	1.40E-06	9.72E-07	5.97E-08	1.44E-06	3.18E-07	4.60E-07	7.30E-07	1.29E-07	5.10E-07	3.65E-06
53	485973.61	3855286.51	7.10E-03	7.77E-03	5.07E-03	2.46E-06	7.43E-06	4.30E-06	4.71E-06	4.27E-06	1.95E-06	1.27E-06	8.21E-08	1.98E-06	4.38E-07	6.39E-07	1.01E-06	1.79E-07	6.67E-07	5.00E-06
54	486023.61	3855286.51	6.76E-03	7.39E-03	4.87E-03	2.34E-06	7.07E-06	4.09E-06	4.48E-06	4.06E-06	1.85E-06	1.22E-06	7.82E-08	1.89E-06	4.17E-07	6.08E-07	9.64E-07	1.70E-07	6.40E-07	4.77E-06
55	486073.61	3855286.51	6.48E-03	7.08E-03	4.70E-03	2.25E-06	6.78E-06	3.92E-06	4.29E-06	3.89E-06	1.77E-06	1.18E-06	7.50E-08	1.81E-06	4.00E-07	5.82E-07	9.23E-07	1.63E-07	6.18E-07	4.57E-06
56	486123.61	3855286.51	6.21E-03	6.77E-03	4.53E-03	2.15E-06	6.49E-06	3.76E-06	4.10E-06	3.72E-06	1.70E-06	1.14E-06	7.18E-08	1.73E-06	3.83E-07	5.57E-07	8.83E-07	1.56E-07	5.96E-07	4.38E-06
57	486173.61	3855286.51	5.98E-03	6.51E-03	4.39E-03	2.07E-06	6.25E-06	3.62E-06	3.94E-06	3.58E-06	1.63E-06	1.10E-06	6.91E-08	1.67E-06	3.69E-07	5.35E-07	8.49E-07	1.50E-07	5.77E-07	4.22E-06
58	486223.61	3855286.51	5.80E-03	6.32E-03	4.29E-03	2.01E-06	6.07E-06	3.52E-06	3.83E-06	3.47E-06	1.58E-06	1.07E-06	6.72E-08	1.62E-06	3.58E-07	5.20E-07	8.24E-07	1.45E-07	5.64E-07	4.10E-06
59	486123.61	3855336.51	6.77E-03	7.40E-03	4.90E-03	2.35E-06	7.08E-06	4.10E-06	4.48E-06	4.06E-06	1.85E-06	1.23E-06	7.83E-08	1.89E-06	4.18E-07	6.09E-07	9.65E-07	1.70E-07	6.44E-07	4.78E-06
60	486173.61	3855336.51	6.53E-03	7.13E-03	4.75E-03	2.26E-06	6.84E-06	3.96E-06	4.32E-06	3.92E-06	1.79E-06	1.19E-06	7.56E-08	1.83E-06	4.03E-07	5.87E-07	9.31E-07	1.64E-07	6.25E-07	4.61E-06
61	486223.61	3855336.51	6.30E-03	6.87E-03	4.62E-03	2.18E-06	6.60E-06	3.82E-06	4.16E-06	3.77E-06	1.72E-06	1.16E-06	7.30E-08	1.76E-06	3.89E-07	5.65E-07	8.97E-07	1.58E-07	6.07E-07	4.45E-06
62	486123.61	3855386.51	7.39E-03	8.09E-03	5.29E-03	2.56E-06	7.73E-06	4.47E-06	4.90E-06	4.44E-06	2.03E-06	1.33E-06	8.55E-08	2.06E-06	4.56E-07	6.65E-07	1.05E-06	1.86E-07	6.96E-07	5.21E-06
63	486173.61	3855386.51	7.11E-03	7.78E-03	5.13E-03	2.46E-06	7.44E-06	4.31E-06	4.71E-06	4.27E-06	1.95E-06	1.29E-06	8.23E-08	1.99E-06	4.39E-07	6.39E-07	1.01E-06	1.79E-07	6.75E-07	5.02E-06
64	486223.61	3855386.51	6.87E-03	7.50E-03	4.99E-03	2.38E-06	7.19E-06	4.16E-06	4.54E-06	4.12E-06	1.88E-06	1.25E-06	7.95E-08	1.92E-06	4.24E-07	6.17E-07	9.79E-07	1.73E-07	6.56E-07	4.85E-06
65	486533.18	3855443.15	6.33E-03	6.88E-03	4.71E-03	2.19E-06	6.62E-06	3.83E-06	4.17E-06	3.78E-06	1.72E-06	1.18E-06	7.33E-08	1.77E-06	3.90E-07	5.66E-07	8.98E-07	1.58E-07	6.19E-07	4.47E-06
66	486583.18	3855443.15	6.16E-03	6.69E-03	4.60E-03	2.13E-06	6.45E-06	3.73E-06	4.05E-06	3.67E-06	1.68E-06	1.15E-06	7.13E-08	1.72E-06	3.80E-07	5.50E-07	8.73E-07	1.54E-07	6.05E-07	4.35E-06
67	486633.18	3855443.15	6.00E-03	6.51E-03	4.50E-03	2.08E-06	6.28E-06	3.63E-06	3.94E-06	3.57E-06	1.63E-06	1.13E-06	6.94E-08	1.68E-06	3.70E-07	5.35E-07	8.49E-07	1.50E-07	5.92E-07	4.24E-06
68	486683.18	3855443.15	5.88E-03	6.38E-03	4.43E-03	2.04E-06	6.16E-06	3.56E-06	3.86E-06	3.50E-06	1.60E-06	1.11E-06	6.81E-08	1.64E-06	3.63E-07	5.25E-07	8.32E-07	1.47E-07	5.83E-07	4.16E-06
69	486533.18	3855493.15	6.77E-03	7.37E-03	5.01E-03	2.35E-06	7.09E-06	4.10E-06	4.47E-06	4.05E-06	1.85E-06	1.25E-06	7.84E-08	1.89E-06	4.18E-07	6.06E-07	9.62E-07	1.70E-07	6.58E-07	4.79E-06
70	486583.18	3855493.15	6.60E-03	7.18E-03	4.90E-03	2.29E-06	6.91E-06	4.00E-06	4.35E-06	3.94E-06	1.80E-06	1.23E-06	7.64E-08	1.84E-06	4.07E-07	5.90E-07	9.36E-07	1.65E-07	6.45E-07	4.66E-06
71	486633.18	3855493.15	6.42E-03	6.98E-03	4.79E-03	2.23E-06	6.72E-06	3.89E-06	4.23E-06	3.83E-06	1.75E-06	1.20E-06	7.43E-08	1.80E-06	3.96E-07	5.74E-07	9.10E-07	1.60E-07	6.30E-07	4.54E-06
72	486683.18	3855493.15	6.26E-03	6.79E-03	4.69E-03	2.17E-06	6.55E-06	3.79E-06	4.12E-06	3.73E-06	1.70E-06	1.18E-06	7.24E-08	1.75E-06	3.86E-07	5.59E-07	8.86E-07	1.56E-07	6.17E-07	4.43E-06
73	486533.18	3855543.15	7.27E-03	7.92E-03	5.34E-03	2.52E-06	7.60E-06	4.40E-06	4.80E-06	4.35E-06	1.98E-06	1.34E-06	8.41E-08	2.03E-06	4.48E-07	6.51E-07	1.03E-06	1.82E-07	7.03E-07	5.13E-06
74	486583.18	3855543.15	7.02E-03	7.63E-03	5.19E-03	2.43E-06	7.34E-06	4.25E-06	4.62E-06	4.19E-06	1.91E-06	1.30E-06	8.12E-08	1.96E-06	4.33E-07	6.28E-07	9.96E-07	1.76E-07	6.82E-07	4.96E-06
75	486633.18	3855543.15	6.84E-03	7.43E-03	5.08E-03	2.37E-06	7.15E-06	4.14E-06	4.50E-06	4.08E-06	1.86E-06	1.27E-06	7.91E-08	1.91E-06	4.22E-07	6.11E-07	9.70E-07	1.71E-07	6.68E-07	4.83E-06
76	486683.18	3855543.15	6.60E-03	7.17E-03	4.93E-03	2.29E-06	6.91E-06	4.00E-06	4.35E-06	3.94E-06	1.80E-06	1.24E-06	7.64E-08	1.85E-06	4.07E-07	5.90E-07	9.36E-07	1.65E-07	6.49E-07	4.67E-06
77	486533.18	3855593.15	7.75E-03	8.45E-03	5.67E-03	2.68E-06	8.11E-06	4.69E-06	5.12E-06	4.64E-06	2.12E-06	1.42E-06	8.96E-08	2.17E-06	4.78E-07	6.95E-07	1.10E-06	1.94E-07	7.46E-07	5.47E-06
78	486583.18	3855593.15	7.49E-03	8.16E-03	5.52E-03	2.60E-06	7.84E-06	4.54E-06	4.94E-06	4.48E-06	2.05E-06	1.38E-06	8.67E-08	2.09E-06	4.62E-07	6.71E-07	1.06E-06	1.88E-07	7.25E-07	5.29E-06
79	486633.18	3855593.15	7.27E-03	7.91E-03	5.38E-03	2.52E-06	7.61E-06	4.40E-06	4.79E-06	4.34E-06	1.98E-06	1.35E-06	8.41E-08	2.03E-06	4.48E-07	6.51E-07	1.03E-06	1.82E-07	7.07E-07	5.14E-06
80	486683.18	3855593.15	7.09E-03	7.70E-03	5.27E-03	2.46E-06	7.42E-06	4.29E-06	4.67E-06	4.23E-06	1.93E-06	1.32E-06	8.20E-08	1.98E-06	4.37E-07	6.34E-07	1.01E-06	1.77E-07	6.93E-07	5.01E-06
81	486533.18	3855643.15	8.26E-03	9.02E-03	6.02E-03	2.86E-06	8.65E-06	5.01E-06	5.46E-06	4.95E-06	2.26E-06	1.51E-06	9.56E-08	2.31E-06	5.10E-07	7.42E-07	1.18E-06	2.07E-07	7.92E-07	5.83E-06
82	486583.18	3855643.15	8.00E-03	8.72E-03	5.86E-03	2.77E-06	8.37E-06	4.84E-06	5.28E-06	4.79E-06	2.18E-06	1.47E-06	9.25E-08	2.24E-06	4.93E-07	7.17E-07	1.14E-06	2.00E-07	7.71E-07	5.65E-06
83	486633.18	3855643.15	7.75E-03	8.44E-03	5.71E-03	2.68E-06	8.10E-06	4.69E-06	5.11E-06	4.63E-06	2.11E-06	1.43E-06	8.96E-08	2.17E-06	4.78E-07	6.94E-07	1.10E-06	1.94E-07	7.51E-07	5.47E-06
84	486683.18	3855643.15	7.52E-03	8.19E-03	5.57E-03	2.61E-06	7.87E-06	4.56E-06	4.96E-06	4.50E-06	2.05E-06	1.40E-06	8.71E-08	2.10E-06	4.64E-07	6.73E-07	1.07E-06	1.88E-07	7.33E-07	5.32E-06
85	486533.18	3855693.15	8.85E-03	9.67E-03	6.42E-03	3.07E-06	9.26E-06	5.36E-06	5.86E-06	5.31E-06	2.42E-06	1.61E-06	1.02E-07	2.47E-06	5.46E-07	7.95E-07	1.26E-06	2.22E-07	8.45E-07	6.25E-06
86	486583.18	3855693.15	8.49E-03	9.26E-03	6.20E-03	2.94E-06	8.88E-06	5.14E-06	5.61E-06	5.08E-06	2.32E-06	1.55E-06	9.82E-08	2.37E-06	5.24E-07	7.62E-07	1.21E-06	2.13E-07	8.15E-07	5.99E-06
87	486633.18	3855693.15	8.14E-03	8.87E-03	5.98E-03	2.82E-06	8.52E-06	4.93E-06	5.37E-06	4.87E-06	2.22E-06	1.50E-06	9.42E-08	2.28E-06	5.02E-07	7.30E-07	1.16E-06	2.04E-07	7.87E-07	5.75E-06
88	486683.18	3855693.15	7.98E-03	8.69E-03	5.89E-03	2.76E-06	8.35E-06	4.83E-06	5.26E-06	4.77E-06	2.18E-06	1.48E-06	9.23E-08	2.23E-06	4.92E-07	7.14E-07	1.13E-06	2.00E-07	7.74E-07	5.64E-06
89	486733.18	3855693.15	7.88E-03	8.58E-03	5.84E-03	2.73E-06	8.25E-06	4.77E-06	5.20E-06	4.71E-06	2.15E-06	1.46E-06	9.12E-08	2.20E-06	4.86E-07	7.05E-07	1.12E-06	1.97E-07	7.68E-07	5.57E-06
90	486783.18	3855693.15	7.82E-03	8.51E-03	5.81E-03	2.71E-06	8.19E-06	4.74E-06	5.15E-06	4.67E-06	2.13E-06	1.46E-06	9.05E-08	2.19E-06	4.83E-07	7.00E-07	1.11E-06	1.96E-07	7.64E-07	5.53E-06
91	486533.18	3855743.15	9.42E-03	1.03E-02	6.81E-03	3.26E-06	9.86E-06	5.71E-06	6.24E-06	5.65E-06	2.58E-06	1.71E-06	1.09E-07	2.63E-06	5.81E-07	8.47E-07	1.34E-06	2.37E-07	8.95E-07	6.65E-06
92	486583.18	3855743.15	8.96E-03	9.78E-03	6.52E-03	3.11E-06	9.38E-06	5.43E-06	5.93E-06	5.37E-06	2.45E-06	1.63E-06	1.04E-07	2.51E-06	5.53E-07	8.05E-07	1.28E-06	2.25E-07	8.58E-07	6.33E-06
93	486633.18	3855743.15	8.65E-03	9.43E-03	6.33E-03	3.00E-06	9.05E-06	5.24E-06	5.71E-06	5.18E-06	2.36E-06	1.59E-06	1.00E-07	2.42E-06	5.33E-07	7.75E-07	1.23E-06	2.17E-07	8.32E-07	6.10E-06
94	486683.18	3855743.15	8.51E-03	9.27E-03	6.25E-03	2.95E-06	8.90E-06	5.15E-06	5.62E-06	5.09E-06	2.32E-06	1.57E-06	9.85E-08	2.38E-06	5.25E-07	7.62E-07	1.21E-06	2.13E-07	8.22E-07	6.01E-06
95	486733.18	3855743.15	8.32E-03	9.06E-03	6.14E-03	2.88E-06	8.71E-06	5.04E-06	5.49E-06	4.98E-06	2.27E-06	1.54E-06	9.63E-08	2.33E-06	5.13E-07	7.45E-07	1.18E-06	2.08E-07	8.08E-07	5.88E-06
96	486783.18	3855743.15	8.29E-03	9.02E-03	6.14E-03	2.87E-06	8.68E-06	5.02E-06	5.47E-06	4.96E-06	2.26E-06	1.54E-06	9.60E-08	2.32E-06	5.12E-07	7.42E-07	1.18E-06	2.08E-07	8.07E-07	5.86E-06
97	486533.18	3855793.15	1.00E-02	1.10E-02	7.23E-03	3.48E-06	1.05E-05	6.08E-06	6.65E-06	6.02E-06	2.75E-06	1.81E-06	1.16E-07	2.80E-06	6.19E-07	9.02E-07	1.43E-06	2.52E-07	9.50E-07	7.07E-06
98	486583.18	3855793.15	9.42E-03	1.03E-02	6.84E-03	3.26E-06	9.86E-06	5.71E-06	6.23E-06	5.65E-06	2.58E-06	1.71E-06	1.09E-07	2.63E-06	5.81E-07	8.46E-07	1.34E-06	2.37E-07	8.99E-07	6.65E-06
99	486633.18	3855793.15	9.24E-03	1.01E-02	6.74E-03	3.20E-06	9.67E-06	5.60E-06	6.11E-06	5.54E-06	2.53E-06	1.69E-06	1.07E-07	2.58E-06	5.70E-07	8.30E-07	1.32E-06	2.32E-07	8.86E-07	6.52E-06

100	486683.18	3855793.15	9.09E-03	9.91E-03	6.66E-03	3.15E-06	9.51E-06	5.51E-06	6.00E-06	5.44E-06	2.48E-06	1.67E-06	1.05E-07	2.54E-06	5.61E-07	8.15E-07	1.29E-06	2.28E-07	8.75E-07	6.42E-06
101	486733.18	3855793.15	8.91E-03	9.71E-03	6.55E-03	3.09E-06	9.32E-06	5.40E-06	5.88E-06	5.33E-06	2.43E-06	1.64E-06	1.03E-07	2.49E-06	5.50E-07	7.98E-07	1.27E-06	2.23E-07	8.61E-07	6.29E-06
102	486783.18	3855793.15	8.76E-03	9.54E-03	6.47E-03	3.04E-06	9.17E-06	5.31E-06	5.78E-06	5.24E-06	2.39E-06	1.62E-06	1.01E-07	2.45E-06	5.40E-07	7.84E-07	1.24E-06	2.19E-07	8.50E-07	6.19E-06
103	486533.18	3855843.15	1.06E-02	1.16E-02	7.59E-03	3.66E-06	1.11E-05	6.40E-06	7.00E-06	6.35E-06	2.90E-06	1.90E-06	1.22E-07	2.95E-06	6.52E-07	9.51E-07	1.51E-06	2.66E-07	9.98E-07	7.45E-06
104	486583.18	3855843.15	1.00E-02	1.10E-02	7.25E-03	3.47E-06	1.05E-05	6.07E-06	6.64E-06	6.01E-06	2.74E-06	1.82E-06	1.16E-07	2.80E-06	6.18E-07	9.01E-07	1.43E-06	2.52E-07	9.53E-07	7.07E-06
105	486633.18	3855843.15	9.83E-03	1.07E-02	7.14E-03	3.41E-06	1.03E-05	5.95E-06	6.50E-06	5.89E-06	2.69E-06	1.79E-06	1.14E-07	2.75E-06	6.06E-07	8.83E-07	1.40E-06	2.47E-07	9.39E-07	6.94E-06
106	486683.18	3855843.15	9.65E-03	1.05E-02	7.04E-03	3.35E-06	1.01E-05	5.85E-06	6.38E-06	5.78E-06	2.64E-06	1.77E-06	1.12E-07	2.70E-06	5.96E-07	8.66E-07	1.37E-06	2.42E-07	9.26E-07	6.82E-06
107	486733.18	3855843.15	9.49E-03	1.03E-02	6.95E-03	3.29E-06	9.93E-06	5.75E-06	6.26E-06	5.68E-06	2.59E-06	1.74E-06	1.10E-07	2.65E-06	5.85E-07	8.51E-07	1.35E-06	2.38E-07	9.14E-07	6.70E-06
108	486783.18	3855843.15	9.30E-03	1.01E-02	6.85E-03	3.22E-06	9.74E-06	5.64E-06	6.14E-06	5.57E-06	2.54E-06	1.72E-06	1.08E-07	2.60E-06	5.74E-07	8.34E-07	1.32E-06	2.33E-07	9.00E-07	6.57E-06
109	486533.18	3855893.15	1.10E-02	1.20E-02	7.87E-03	3.80E-06	1.15E-05	6.65E-06	7.28E-06	6.60E-06	3.01E-06	1.97E-06	1.27E-07	3.07E-06	6.77E-07	9.88E-07	1.57E-06	2.76E-07	1.03E-06	7.74E-06
110	486583.18	3855893.15	1.07E-02	1.17E-02	7.72E-03	3.71E-06	1.12E-05	6.49E-06	7.09E-06	6.43E-06	2.93E-06	1.93E-06	1.24E-07	2.99E-06	6.61E-07	9.63E-07	1.53E-06	2.69E-07	1.01E-06	7.55E-06
111	486633.18	3855893.15	1.04E-02	1.14E-02	7.57E-03	3.62E-06	1.09E-05	6.33E-06	6.92E-06	6.27E-06	2.86E-06	1.90E-06	1.21E-07	2.92E-06	6.45E-07	9.39E-07	1.49E-06	2.63E-07	9.95E-07	7.37E-06
112	486683.18	3855893.15	1.02E-02	1.12E-02	7.45E-03	3.55E-06	1.07E-05	6.21E-06	6.78E-06	6.14E-06	2.80E-06	1.87E-06	1.19E-07	2.86E-06	6.32E-07	9.20E-07	1.46E-06	2.57E-07	9.80E-07	7.23E-06
113	486733.18	3855893.15	1.01E-02	1.10E-02	7.34E-03	3.48E-06	1.05E-05	6.09E-06	6.64E-06	6.02E-06	2.75E-06	1.84E-06	1.16E-07	2.81E-06	6.20E-07	9.02E-07	1.43E-06	2.52E-07	9.65E-07	7.10E-06
114	486783.18	3855893.15	9.90E-03	1.08E-02	7.26E-03	3.43E-06	1.04E-05	5.99E-06	6.53E-06	5.92E-06	2.70E-06	1.82E-06	1.15E-07	2.77E-06	6.10E-07	8.87E-07	1.41E-06	2.48E-07	9.54E-07	6.99E-06
115	486533.18	3855943.15	1.16E-02	1.27E-02	8.30E-03	4.03E-06	1.22E-05	7.04E-06	7.71E-06	6.99E-06	3.19E-06	2.08E-06	1.34E-07	3.25E-06	7.17E-07	1.05E-06	1.66E-06	2.93E-07	1.09E-06	8.19E-06
116	486583.18	3855943.15	1.14E-02	1.25E-02	8.21E-03	3.96E-06	1.20E-05	6.93E-06	7.58E-06	6.88E-06	3.14E-06	2.06E-06	1.32E-07	3.20E-06	7.06E-07	1.03E-06	1.63E-06	2.88E-07	1.08E-06	8.07E-06
117	486633.18	3855943.15	1.11E-02	1.21E-02	8.01E-03	3.85E-06	1.16E-05	6.73E-06	7.36E-06	6.67E-06	3.04E-06	2.01E-06	1.29E-07	3.10E-06	6.85E-07	9.99E-07	1.58E-06	2.79E-07	1.05E-06	7.83E-06
118	486683.18	3855943.15	1.09E-02	1.19E-02	7.90E-03	3.78E-06	1.14E-05	6.61E-06	7.22E-06	6.55E-06	2.99E-06	1.98E-06	1.26E-07	3.05E-06	6.73E-07	9.80E-07	1.56E-06	2.74E-07	1.04E-06	7.70E-06
119	486733.18	3855943.15	1.06E-02	1.16E-02	7.75E-03	3.69E-06	1.11E-05	6.45E-06	7.04E-06	6.38E-06	2.91E-06	1.94E-06	1.23E-07	2.98E-06	6.57E-07	9.56E-07	1.52E-06	2.67E-07	1.02E-06	7.52E-06
120	486783.18	3855943.15	1.05E-02	1.14E-02	7.67E-03	3.63E-06	1.10E-05	6.35E-06	6.93E-06	6.28E-06	2.87E-06	1.92E-06	1.21E-07	2.93E-06	6.47E-07	9.41E-07	1.49E-06	2.63E-07	1.01E-06	7.40E-06
121	486533.18	3855993.15	1.24E-02	1.36E-02	8.83E-03	4.31E-06	1.30E-05	7.53E-06	8.25E-06	7.48E-06	3.41E-06	2.21E-06	1.44E-07	3.47E-06	7.66E-07	1.12E-06	1.78E-06	3.13E-07	1.16E-06	8.75E-06
122	486583.18	3855993.15	1.21E-02	1.33E-02	8.66E-03	4.20E-06	1.27E-05	7.34E-06	8.04E-06	7.29E-06	3.33E-06	2.17E-06	1.40E-07	3.39E-06	7.47E-07	1.09E-06	1.73E-06	3.05E-07	1.14E-06	8.54E-06
123	486633.18	3855993.15	1.18E-02	1.29E-02	8.48E-03	4.09E-06	1.24E-05	7.15E-06	7.83E-06	7.10E-06	3.24E-06	2.13E-06	1.37E-07	3.30E-06	7.28E-07	1.06E-06	1.69E-06	2.97E-07	1.12E-06	8.33E-06
124	486683.18	3855993.15	1.16E-02	1.27E-02	8.35E-03	4.01E-06	1.21E-05	7.01E-06	7.67E-06	6.95E-06	3.17E-06	2.09E-06	1.34E-07	3.24E-06	7.14E-07	1.04E-06	1.65E-06	2.91E-07	1.10E-06	8.16E-06
125	486733.18	3855993.15	1.13E-02	1.23E-02	8.20E-03	3.92E-06	1.18E-05	6.84E-06	7.48E-06	6.78E-06	3.09E-06	2.05E-06	1.31E-07	3.16E-06	6.97E-07	1.02E-06	1.61E-06	2.84E-07	1.08E-06	7.97E-06
126	486783.18	3855993.15	1.11E-02	1.21E-02	8.07E-03	3.84E-06	1.16E-05	6.71E-06	7.32E-06	6.64E-06	3.03E-06	2.02E-06	1.28E-07	3.10E-06	6.83E-07	9.94E-07	1.58E-06	2.78E-07	1.06E-06	7.82E-06
127	486533.18	3856043.15	1.32E-02	1.45E-02	9.37E-03	4.59E-06	1.39E-05	8.02E-06	8.80E-06	7.98E-06	3.64E-06	2.35E-06	1.53E-07	3.70E-06	8.17E-07	1.20E-06	1.90E-06	3.34E-07	1.23E-06	9.33E-06
128	486583.18	3856043.15	1.29E-02	1.42E-02	9.20E-03	4.48E-06	1.35E-05	7.84E-06	8.59E-06	7.79E-06	3.55E-06	2.31E-06	1.50E-07	3.62E-06	7.98E-07	1.17E-06	1.85E-06	3.26E-07	1.21E-06	9.12E-06
129	486633.18	3856043.15	1.25E-02	1.37E-02	8.98E-03	4.35E-06	1.31E-05	7.60E-06	8.33E-06	7.55E-06	3.44E-06	2.25E-06	1.45E-07	3.51E-06	7.74E-07	1.13E-06	1.79E-06	3.16E-07	1.18E-06	8.85E-06
130	486683.18	3856043.15	1.23E-02	1.35E-02	8.84E-03	4.26E-06	1.29E-05	7.45E-06	8.15E-06	7.39E-06	3.37E-06	2.22E-06	1.42E-07	3.44E-06	7.58E-07	1.11E-06	1.76E-06	3.09E-07	1.16E-06	8.67E-06
131	486733.18	3856043.15	1.20E-02	1.31E-02	8.65E-03	4.15E-06	1.25E-05	7.25E-06	7.92E-06	7.18E-06	3.28E-06	2.17E-06	1.38E-07	3.34E-06	7.38E-07	1.08E-06	1.71E-06	3.01E-07	1.14E-06	8.44E-06
132	486783.18	3856043.15	1.18E-02	1.28E-02	8.54E-03	4.07E-06	1.23E-05	7.12E-06	7.78E-06	7.05E-06	3.22E-06	2.14E-06	1.36E-07	3.29E-06	7.25E-07	1.06E-06	1.68E-06	2.95E-07	1.12E-06	8.30E-06
133	486533.18	3856093.15	1.42E-02	1.56E-02	9.99E-03	4.92E-06	1.49E-05	8.61E-06	9.46E-06	8.57E-06	3.91E-06	2.50E-06	1.64E-07	3.97E-06	8.76E-07	1.28E-06	2.04E-06	3.59E-07	1.31E-06	1.00E-05
134	486583.18	3856093.15	1.38E-02	1.51E-02	9.75E-03	4.77E-06	1.44E-05	8.34E-06	9.16E-06	8.30E-06	3.79E-06	2.44E-06	1.59E-07	3.85E-06	8.50E-07	1.24E-06	1.97E-06	3.48E-07	1.28E-06	9.71E-06
135	486633.18	3856093.15	1.34E-02	1.47E-02	9.52E-03	4.63E-06	1.40E-05	8.10E-06	8.88E-06	8.05E-06	3.67E-06	2.38E-06	1.55E-07	3.74E-06	8.24E-07	1.21E-06	1.91E-06	3.37E-07	1.25E-06	9.42E-06
136	486683.18	3856093.15	1.30E-02	1.43E-02	9.34E-03	4.52E-06	1.37E-05	7.90E-06	8.65E-06	7.84E-06	3.58E-06	2.34E-06	1.51E-07	3.65E-06	8.05E-07	1.17E-06	1.86E-06	3.28E-07	1.23E-06	9.20E-06
137	486733.18	3856093.15	1.27E-02	1.39E-02	9.14E-03	4.40E-06	1.33E-05	7.69E-06	8.42E-06	7.63E-06	3.48E-06	2.29E-06	1.47E-07	3.55E-06	7.83E-07	1.14E-06	1.81E-06	3.19E-07	1.20E-06	8.96E-06
138	486783.18	3856093.15	1.24E-02	1.36E-02	8.99E-03	4.31E-06	1.30E-05	7.53E-06	8.23E-06	7.46E-06	3.40E-06	2.25E-06	1.44E-07	3.47E-06	7.67E-07	1.12E-06	1.77E-06	3.12E-07	1.18E-06	8.77E-06
139	486533.18	3856143.15	1.52E-02	1.67E-02	1.06E-02	5.26E-06	1.59E-05	9.20E-06	1.01E-05	9.17E-06	4.19E-06	2.66E-06	1.76E-07	4.25E-06	9.37E-07	1.37E-06	2.18E-06	3.84E-07	1.40E-06	1.07E-05
140	486583.18	3856143.15	1.46E-02	1.61E-02	1.03E-02	5.07E-06	1.53E-05	8.87E-06	9.74E-06	8.83E-06	4.03E-06	2.58E-06	1.69E-07	4.09E-06	9.03E-07	1.32E-06	2.10E-06	3.70E-07	1.36E-06	1.03E-05
141	486633.18	3856143.15	1.42E-02	1.56E-02	1.01E-02	4.93E-06	1.49E-05	8.62E-06	9.46E-06	8.58E-06	3.91E-06	2.53E-06	1.65E-07	3.98E-06	8.78E-07	1.28E-06	2.04E-06	3.59E-07	1.33E-06	1.00E-05
142	486683.18	3856143.15	1.38E-02	1.52E-02	9.86E-03	4.79E-06	1.45E-05	8.38E-06	9.18E-06	8.33E-06	3.80E-06	2.47E-06	1.60E-07	3.87E-06	8.53E-07	1.25E-06	1.98E-06	3.49E-07	1.30E-06	9.75E-06
143	486733.18	3856143.15	1.35E-02	1.47E-02	9.65E-03	4.67E-06	1.41E-05	8.16E-06	8.93E-06	8.10E-06	3.69E-06	2.42E-06	1.56E-07	3.76E-06	8.31E-07	1.21E-06	1.92E-06	3.39E-07	1.27E-06	9.49E-06
144	486783.18	3856143.15	1.32E-02	1.45E-02	9.52E-03	4.58E-06	1.38E-05	8.00E-06	8.75E-06	7.94E-06	3.62E-06	2.39E-06	1.53E-07	3.69E-06	8.15E-07	1.19E-06	1.89E-06	3.32E-07	1.25E-06	9.32E-06
145	486533.18	3856193.15	1.63E-02	1.80E-02	1.13E-02	5.66E-06	1.71E-05	9.89E-06	1.09E-05	9.87E-06	4.50E-06	2.84E-06	1.89E-07	4.56E-06	1.01E-06	1.48E-06	2.35E-06	4.13E-07	1.49E-06	1.15E-05
146	486583.18	3856193.15	1.56E-02	1.72E-02	1.09E-02	5.42E-06	1.64E-05	9.47E-06	1.04E-05	9.44E-06	4.31E-06	2.74E-06	1.81E-07	4.37E-06	9.64E-07	1.41E-06	2.24E-06	3.95E-07	1.44E-06	1.10E-05
147	486633.18	3856193.15	1.52E-02	1.66E-02	1.07E-02	5.25E-06	1.59E-05	9.18E-06	1.01E-05	9.14E-06	4.17E-06	2.68E-06	1.75E-07	4.24E-06	9.35E-07	1.37E-06	2.17E-06	3.83E-07	1.40E-06	1.07E-05
148	486683.18	3856193.15	1.48E-02	1.62E-02	1.05E-02	5.12E-06	1.55E-05	8.96E-06	9.83E-06	8.91E-06	4.06E-06	2.63E-06	1.71E-07	4.13E-06	9.12E-07	1.33E-06	2.12E-06	3.73E-07	1.38E-06	1.04E-05
149	486733.18	3856193.15	1.43E-02	1.57E-02	1.02E-02	4.96E-06	1.50E-05	8.67E-06	9.51E-06	8.62E-06	3.93E-06	2.56E-06	1.66E-07	4.00E-06	8.83E-07	1.29E-06	2.05E-06	3.61E-07	1.34E-06	1.01E-05
150	486783.18	3856193.15	1.40E-02	1.53E-02	1.01E-02	4.86E-06	1.47E-05	8.49E-06	9.30E-06	8.43E-06	3.85E-06	2.52E-06	1.62E-07	3.92E-06	8.65E-07	1.26E-06	2.00E-06	3.53E-07	1.32E-06	9.89E-06
151	486533.18	3856243.15	1.75E-02	1.93E-02	1.21E-02	6.08E-06	1.83E-05	1.06E-05	1.17E-05	1.06E-05	4.84E-06	3.03E-06	2.03E-07	4.90E-06	1.08E-06	1.59E-06	2.52E-06	4.45E-07	1.59E-06	1.23E-05
152	486583.18	3856243.15	1.68E-02	1.85E-02	1.17E-02	5.83E-06	1.76E-05	1.02E-05	1.12E-05	1.02E-05	4.64E-06	2.93E-06	1.95E-07	4.70E-06	1.04E-06	1.52E-06	2.42E-06	4.26E-07	1.54E-06	1.18E-05

153	486633.18	3856243.15	1.62E-02	1.78E-02	1.14E-02	5.62E-06	1.70E-05	9.82E-06	1.08E-05	9.79E-06	4.47E-06	2.84E-06	1.88E-07	4.53E-06	1.00E-06	1.47E-06	2.33E-06	4.10E-07	1.49E-06	1.14E-05
154	486683.18	3856243.15	1.57E-02	1.73E-02	1.11E-02	5.45E-06	1.64E-05	9.52E-06	1.05E-05	9.48E-06	4.32E-06	2.78E-06	1.82E-07	4.39E-06	9.69E-07	1.42E-06	2.25E-06	3.97E-07	1.46E-06	1.11E-05
155	486733.18	3856243.15	1.53E-02	1.68E-02	1.08E-02	5.30E-06	1.60E-05	9.26E-06	1.02E-05	9.21E-06	4.20E-06	2.72E-06	1.77E-07	4.27E-06	9.43E-07	1.38E-06	2.19E-06	3.86E-07	1.43E-06	1.08E-05
156	486783.18	3856243.15	1.48E-02	1.63E-02	1.06E-02	5.14E-06	1.55E-05	8.99E-06	9.85E-06	8.93E-06	4.07E-06	2.66E-06	1.72E-07	4.15E-06	9.15E-07	1.34E-06	2.12E-06	3.74E-07	1.39E-06	1.05E-05
157	486533.18	3856293.15	1.90E-02	2.09E-02	1.29E-02	6.57E-06	1.98E-05	1.15E-05	1.27E-05	1.15E-05	5.25E-06	3.24E-06	2.19E-07	5.30E-06	1.17E-06	1.72E-06	2.73E-06	4.82E-07	1.70E-06	1.33E-05
158	486583.18	3856293.15	1.81E-02	2.00E-02	1.25E-02	6.27E-06	1.89E-05	1.10E-05	1.21E-05	1.10E-05	5.00E-06	3.12E-06	2.09E-07	5.06E-06	1.12E-06	1.64E-06	2.60E-06	4.59E-07	1.64E-06	1.27E-05
159	486633.18	3856293.15	1.74E-02	1.91E-02	1.21E-02	6.03E-06	1.82E-05	1.05E-05	1.16E-05	1.05E-05	4.80E-06	3.03E-06	2.01E-07	4.86E-06	1.07E-06	1.57E-06	2.50E-06	4.40E-07	1.59E-06	1.22E-05
160	486683.18	3856293.15	1.68E-02	1.84E-02	1.17E-02	5.81E-06	1.76E-05	1.02E-05	1.12E-05	1.01E-05	4.62E-06	2.94E-06	1.94E-07	4.69E-06	1.03E-06	1.52E-06	2.41E-06	4.24E-07	1.54E-06	1.18E-05
161	486733.18	3856293.15	1.63E-02	1.79E-02	1.15E-02	5.65E-06	1.71E-05	9.87E-06	1.08E-05	9.83E-06	4.49E-06	2.88E-06	1.89E-07	4.56E-06	1.01E-06	1.47E-06	2.34E-06	4.12E-07	1.51E-06	1.15E-05
162	486783.18	3856293.15	1.58E-02	1.73E-02	1.12E-02	5.47E-06	1.65E-05	9.55E-06	1.05E-05	9.50E-06	4.33E-06	2.81E-06	1.83E-07	4.41E-06	9.73E-07	1.42E-06	2.26E-06	3.98E-07	1.47E-06	1.11E-05
163	486783.18	3856343.15	1.69E-02	1.85E-02	1.19E-02	5.84E-06	1.76E-05	1.02E-05	1.12E-05	1.02E-05	4.64E-06	2.98E-06	1.95E-07	4.71E-06	1.04E-06	1.52E-06	2.42E-06	4.26E-07	1.57E-06	1.19E-05
164	486833.18	3856343.15	1.63E-02	1.79E-02	1.16E-02	5.66E-06	1.71E-05	9.89E-06	1.08E-05	9.83E-06	4.49E-06	2.91E-06	1.89E-07	4.56E-06	1.01E-06	1.47E-06	2.34E-06	4.12E-07	1.53E-06	1.15E-05
165	486883.18	3856343.15	1.58E-02	1.73E-02	1.14E-02	5.49E-06	1.66E-05	9.60E-06	1.05E-05	9.53E-06	4.35E-06	2.84E-06	1.83E-07	4.43E-06	9.77E-07	1.43E-06	2.26E-06	3.99E-07	1.49E-06	1.12E-05
166	486783.18	3856393.15	1.79E-02	1.97E-02	1.26E-02	6.22E-06	1.88E-05	1.09E-05	1.19E-05	1.08E-05	4.94E-06	3.15E-06	2.08E-07	5.01E-06	1.11E-06	1.62E-06	2.57E-06	4.53E-07	1.65E-06	1.26E-05
167	486833.18	3856393.15	1.73E-02	1.90E-02	1.23E-02	6.01E-06	1.81E-05	1.05E-05	1.15E-05	1.04E-05	4.77E-06	3.07E-06	2.01E-07	4.84E-06	1.07E-06	1.56E-06	2.48E-06	4.37E-07	1.61E-06	1.22E-05
168	486883.18	3856393.15	1.67E-02	1.83E-02	1.19E-02	5.79E-06	1.75E-05	1.01E-05	1.11E-05	1.01E-05	4.59E-06	2.98E-06	1.93E-07	4.67E-06	1.03E-06	1.51E-06	2.39E-06	4.21E-07	1.57E-06	1.18E-05
169	487208.74	3856886.11	2.27E-02	2.50E-02	1.59E-02	7.87E-06	2.38E-05	1.38E-05	1.51E-05	1.37E-05	6.25E-06	3.99E-06	2.63E-07	6.35E-06	1.40E-06	2.05E-06	3.26E-06	5.74E-07	2.09E-06	1.60E-05
170	487258.74	3856886.11	2.14E-02	2.35E-02	1.52E-02	7.42E-06	2.24E-05	1.30E-05	1.42E-05	1.29E-05	5.88E-06	3.81E-06	2.48E-07	5.98E-06	1.32E-06	1.93E-06	3.06E-06	5.40E-07	2.00E-06	1.51E-05
171	487308.74	3856886.11	2.03E-02	2.22E-02	1.46E-02	7.03E-06	2.12E-05	1.23E-05	1.34E-05	1.22E-05	5.56E-06	3.66E-06	2.35E-07	5.67E-06	1.25E-06	1.82E-06	2.89E-06	5.10E-07	1.92E-06	1.43E-05
172	487358.74	3856886.11	1.93E-02	2.10E-02	1.40E-02	6.68E-06	2.02E-05	1.17E-05	1.27E-05	1.15E-05	5.27E-06	3.52E-06	2.23E-07	5.39E-06	1.19E-06	1.73E-06	2.74E-06	4.84E-07	1.85E-06	1.36E-05
173	487208.74	3856936.11	2.40E-02	2.65E-02	1.67E-02	8.33E-06	2.52E-05	1.46E-05	1.60E-05	1.45E-05	6.63E-06	4.19E-06	2.78E-07	6.72E-06	1.48E-06	2.18E-06	3.45E-06	6.09E-07	2.20E-06	1.69E-05
174	487258.74	3856936.11	2.24E-02	2.46E-02	1.58E-02	7.77E-06	2.34E-05	1.36E-05	1.49E-05	1.35E-05	6.16E-06	3.97E-06	2.59E-07	6.26E-06	1.38E-06	2.02E-06	3.21E-06	5.66E-07	2.08E-06	1.58E-05
175	487308.74	3856936.11	2.10E-02	2.30E-02	1.51E-02	7.29E-06	2.20E-05	1.27E-05	1.39E-05	1.26E-05	5.77E-06	3.78E-06	2.43E-07	5.88E-06	1.30E-06	1.89E-06	3.00E-06	5.29E-07	1.98E-06	1.48E-05
176	487358.74	3856936.11	1.98E-02	2.16E-02	1.44E-02	6.87E-06	2.07E-05	1.20E-05	1.31E-05	1.19E-05	5.42E-06	3.62E-06	2.29E-07	5.54E-06	1.22E-06	1.78E-06	2.82E-06	4.98E-07	1.90E-06	1.40E-05
177	487208.74	3856986.11	2.52E-02	2.78E-02	1.74E-02	8.74E-06	2.64E-05	1.53E-05	1.68E-05	1.53E-05	6.97E-06	4.36E-06	2.92E-07	7.05E-06	1.56E-06	2.29E-06	3.63E-06	6.39E-07	2.29E-06	1.77E-05
178	487258.74	3856986.11	2.31E-02	2.54E-02	1.63E-02	8.01E-06	2.42E-05	1.40E-05	1.54E-05	1.39E-05	6.36E-06	4.09E-06	2.68E-07	6.46E-06	1.43E-06	2.09E-06	3.31E-06	5.84E-07	2.15E-06	1.63E-05
179	487308.74	3856986.11	2.14E-02	2.35E-02	1.54E-02	7.43E-06	2.24E-05	1.30E-05	1.42E-05	1.29E-05	5.88E-06	3.86E-06	2.48E-07	5.99E-06	1.32E-06	1.93E-06	3.06E-06	5.40E-07	2.03E-06	1.51E-05
180	487358.74	3856986.11	2.01E-02	2.19E-02	1.47E-02	6.96E-06	2.10E-05	1.22E-05	1.33E-05	1.20E-05	5.49E-06	3.68E-06	2.32E-07	5.61E-06	1.24E-06	1.80E-06	2.86E-06	5.04E-07	1.93E-06	1.42E-05
181	487208.74	3857036.11	2.54E-02	2.80E-02	1.76E-02	8.79E-06	2.65E-05	1.54E-05	1.69E-05	1.53E-05	7.00E-06	4.41E-06	2.94E-07	7.09E-06	1.57E-06	2.30E-06	3.65E-06	6.43E-07	2.31E-06	1.79E-05
182	487258.74	3857036.11	2.30E-02	2.52E-02	1.64E-02	7.97E-06	2.41E-05	1.39E-05	1.53E-05	1.39E-05	6.32E-06	4.10E-06	2.66E-07	6.43E-06	1.42E-06	2.07E-06	3.29E-06	5.80E-07	2.15E-06	1.62E-05
183	487308.74	3857036.11	2.12E-02	2.32E-02	1.54E-02	7.35E-06	2.22E-05	1.28E-05	1.40E-05	1.27E-05	5.80E-06	3.86E-06	2.45E-07	5.93E-06	1.31E-06	1.91E-06	3.02E-06	5.33E-07	2.03E-06	1.50E-05
184	487358.74	3857036.11	1.98E-02	2.15E-02	1.47E-02	6.86E-06	2.07E-05	1.20E-05	1.31E-05	1.18E-05	5.40E-06	3.67E-06	2.29E-07	5.53E-06	1.22E-06	1.77E-06	2.81E-06	4.95E-07	1.93E-06	1.40E-05
185	487427.14	3856878.23	1.80E-02	1.96E-02	1.34E-02	6.24E-06	1.89E-05	1.09E-05	1.19E-05	1.08E-05	4.91E-06	3.35E-06	2.09E-07	5.04E-06	1.11E-06	1.61E-06	2.56E-06	4.51E-07	1.76E-06	1.27E-05
186	487477.14	3856878.23	1.73E-02	1.88E-02	1.29E-02	5.99E-06	1.81E-05	1.05E-05	1.14E-05	1.03E-05	4.70E-06	3.24E-06	2.00E-07	4.83E-06	1.07E-06	1.54E-06	2.45E-06	4.31E-07	1.70E-06	1.22E-05
187	487527.14	3856878.23	1.66E-02	1.80E-02	1.25E-02	5.75E-06	1.74E-05	1.00E-05	1.09E-05	9.87E-06	4.50E-06	3.14E-06	1.92E-07	4.64E-06	1.02E-06	1.48E-06	2.35E-06	4.13E-07	1.65E-06	1.17E-05
188	487427.14	3856928.23	1.84E-02	2.00E-02	1.37E-02	6.38E-06	1.93E-05	1.12E-05	1.21E-05	1.10E-05	5.02E-06	3.42E-06	2.13E-07	5.15E-06	1.14E-06	1.65E-06	2.61E-06	4.61E-07	1.80E-06	1.30E-05
189	487477.14	3856928.23	1.76E-02	1.91E-02	1.32E-02	6.08E-06	1.84E-05	1.06E-05	1.15E-05	1.05E-05	4.78E-06	3.30E-06	2.03E-07	4.91E-06	1.08E-06	1.57E-06	2.49E-06	4.38E-07	1.73E-06	1.24E-05
190	487527.14	3856928.23	1.68E-02	1.82E-02	1.28E-02	5.83E-06	1.76E-05	1.02E-05	1.10E-05	1.00E-05	4.56E-06	3.20E-06	1.95E-07	4.70E-06	1.04E-06	1.50E-06	2.38E-06	4.19E-07	1.68E-06	1.19E-05
191	487577.14	3856928.23	1.61E-02	1.75E-02	1.24E-02	5.60E-06	1.69E-05	9.78E-06	1.06E-05	9.58E-06	4.37E-06	3.10E-06	1.87E-07	4.51E-06	9.96E-07	1.44E-06	2.28E-06	4.01E-07	1.63E-06	1.14E-05
192	487627.14	3856928.23	1.55E-02	1.68E-02	1.20E-02	5.38E-06	1.63E-05	9.41E-06	1.02E-05	9.20E-06	4.20E-06	3.01E-06	1.80E-07	4.34E-06	9.58E-07	1.38E-06	2.19E-06	3.85E-07	1.58E-06	1.10E-05
193	487677.14	3856928.23	1.50E-02	1.62E-02	1.17E-02	5.20E-06	1.57E-05	9.09E-06	9.79E-06	8.88E-06	4.05E-06	2.94E-06	1.74E-07	4.20E-06	9.26E-07	1.33E-06	2.11E-06	3.72E-07	1.54E-06	1.06E-05
194	487727.14	3856928.23	1.45E-02	1.56E-02	1.15E-02	5.04E-06	1.52E-05	8.81E-06	9.47E-06	8.58E-06	3.92E-06	2.87E-06	1.68E-07	4.06E-06	8.97E-07	1.29E-06	2.04E-06	3.59E-07	1.51E-06	1.03E-05
195	487777.14	3856928.23	1.41E-02	1.51E-02	1.12E-02	4.88E-06	1.47E-05	8.54E-06	9.16E-06	8.30E-06	3.79E-06	2.81E-06	1.63E-07	3.94E-06	8.69E-07	1.24E-06	1.97E-06	3.48E-07	1.47E-06	1.00E-05
196	487427.14	3856978.23	1.86E-02	2.02E-02	1.38E-02	6.43E-06	1.94E-05	1.12E-05	1.22E-05	1.11E-05	5.05E-06	3.46E-06	2.15E-07	5.19E-06	1.14E-06	1.66E-06	2.63E-06	4.64E-07	1.82E-06	1.31E-05
197	487477.14	3856978.23	1.76E-02	1.91E-02	1.33E-02	6.11E-06	1.85E-05	1.07E-05	1.16E-05	1.05E-05	4.79E-06	3.34E-06	2.04E-07	4.93E-06	1.09E-06	1.57E-06	2.50E-06	4.40E-07	1.75E-06	1.25E-05
198	487527.14	3856978.23	1.68E-02	1.82E-02	1.29E-02	5.84E-06	1.76E-05	1.02E-05	1.10E-05	1.00E-05	4.57E-06	3.23E-06	1.95E-07	4.71E-06	1.04E-06	1.50E-06	2.38E-06	4.19E-07	1.69E-06	1.19E-05
199	487577.14	3856978.23	1.62E-02	1.74E-02	1.25E-02	5.60E-06	1.69E-05	9.78E-06	1.06E-05	9.57E-06	4.37E-06	3.13E-06	1.87E-07	4.52E-06	9.96E-07	1.43E-06	2.27E-06	4.01E-07	1.64E-06	1.14E-05
200	487627.14	3856978.23	1.55E-02	1.67E-02	1.21E-02	5.38E-06	1.62E-05	9.40E-06	1.01E-05	9.18E-06	4.19E-06	3.04E-06	1.80E-07	4.34E-06	9.58E-07	1.38E-06	2.18E-06	3.84E-07	1.59E-06	1.10E-05
201	487677.14	3856978.23	1.50E-02	1.61E-02	1.18E-02	5.19E-06	1.57E-05	9.08E-06	9.76E-06	8.85E-06	4.04E-06	2.96E-06	1.73E-07	4.19E-06	9.24E-07	1.32E-06	2.10E-06	3.70E-07	1.55E-06	1.06E-05
202	487727.14	3856978.23	1.45E-02	1.55E-02	1.15E-02	5.01E-06	1.51E-05	8.76E-06	9.40E-06	8.52E-06	3.89E-06	2.88E-06	1.67E-07	4.04E-06	8.92E-07	1.28E-06	2.02E-06	3.57E-07	1.51E-06	1.03E-05
203	487777.14	3856978.23	1.41E-02	1.51E-02	1.13E-02	4.88E-06	1.47E-05	8.53E-06	9.13E-06	8.28E-06	3.78E-06	2.83E-06	1.63E-07	3.94E-06	8.68E-07	1.24E-06	1.97E-06	3.47E-07	1.49E-06	1.00E-05
204	487427.14	3857028.23	1.83E-02	1.99E-02	1.38E-02	6.36E-06	1.92E-05	1.11E-05	1.20E-05	1.09E-05	4.98E-06	3.47E-06	2.12E-07	5.13E-06	1.13E-06	1.64E-06	2.60E-06	4.57E-07	1.82E-06	1.30E-05
205	487477.14	3857028.23	1.74E-02	1.88E-02	1.33E-02	6.04E-06	1.82E-05	1.06E-05	1.14E-05	1.03E-05	4.72E-06	3.34E-06	2.02E-07	4.87E-06	1.07E-06	1.55E-06	2.46E-06	4.33E-07	1.75E-06	1.23E-05

206	487527.14	3857028.23	1.66E-02	1.79E-02	1.29E-02	5.77E-06	1.74E-05	1.01E-05	1.09E-05	9.86E-06	4.50E-06	3.23E-06	1.93E-07	4.65E-06	1.03E-06	1.48E-06	2.34E-06	4.13E-07	1.69E-06	1.18E-05
207	487577.14	3857028.23	1.60E-02	1.72E-02	1.25E-02	5.53E-06	1.67E-05	9.67E-06	1.04E-05	9.43E-06	4.30E-06	3.13E-06	1.85E-07	4.46E-06	9.84E-07	1.41E-06	2.24E-06	3.95E-07	1.64E-06	1.13E-05
208	487627.14	3857028.23	1.53E-02	1.65E-02	1.21E-02	5.32E-06	1.61E-05	9.29E-06	9.98E-06	9.05E-06	4.13E-06	3.04E-06	1.78E-07	4.29E-06	9.46E-07	1.36E-06	2.15E-06	3.79E-07	1.59E-06	1.09E-05
209	487677.14	3857028.23	1.48E-02	1.59E-02	1.18E-02	5.13E-06	1.55E-05	8.97E-06	9.62E-06	8.72E-06	3.98E-06	2.96E-06	1.71E-07	4.14E-06	9.14E-07	1.31E-06	2.07E-06	3.65E-07	1.55E-06	1.05E-05
210	487727.14	3857028.23	1.44E-02	1.54E-02	1.16E-02	4.98E-06	1.50E-05	8.70E-06	9.31E-06	8.44E-06	3.85E-06	2.90E-06	1.66E-07	4.02E-06	8.86E-07	1.26E-06	2.01E-06	3.53E-07	1.52E-06	1.02E-05
211	487777.14	3857028.23	1.39E-02	1.49E-02	1.13E-02	4.83E-06	1.46E-05	8.45E-06	9.02E-06	8.18E-06	3.73E-06	2.84E-06	1.61E-07	3.90E-06	8.60E-07	1.23E-06	1.94E-06	3.43E-07	1.49E-06	9.92E-06
212	487427.14	3857078.23	1.77E-02	1.92E-02	1.36E-02	6.15E-06	1.86E-05	1.07E-05	1.16E-05	1.05E-05	4.80E-06	3.42E-06	2.05E-07	4.96E-06	1.09E-06	1.58E-06	2.50E-06	4.41E-07	1.79E-06	1.26E-05
213	487477.14	3857078.23	1.69E-02	1.82E-02	1.32E-02	5.86E-06	1.77E-05	1.02E-05	1.10E-05	1.00E-05	4.57E-06	3.30E-06	1.96E-07	4.73E-06	1.04E-06	1.50E-06	2.38E-06	4.19E-07	1.73E-06	1.20E-05
214	487527.14	3857078.23	1.62E-02	1.74E-02	1.28E-02	5.61E-06	1.69E-05	9.81E-06	1.05E-05	9.56E-06	4.36E-06	3.20E-06	1.87E-07	4.53E-06	9.99E-07	1.43E-06	2.27E-06	4.00E-07	1.68E-06	1.15E-05
215	487577.14	3857078.23	1.56E-02	1.67E-02	1.24E-02	5.40E-06	1.63E-05	9.43E-06	1.01E-05	9.17E-06	4.19E-06	3.11E-06	1.80E-07	4.35E-06	9.61E-07	1.37E-06	2.18E-06	3.84E-07	1.63E-06	1.11E-05
216	487627.14	3857078.23	1.50E-02	1.61E-02	1.21E-02	5.20E-06	1.57E-05	9.10E-06	9.74E-06	8.83E-06	4.03E-06	3.02E-06	1.74E-07	4.20E-06	9.26E-07	1.32E-06	2.10E-06	3.70E-07	1.59E-06	1.07E-05
217	487677.14	3857078.23	1.45E-02	1.55E-02	1.18E-02	5.04E-06	1.52E-05	8.81E-06	9.41E-06	8.53E-06	3.89E-06	2.95E-06	1.68E-07	4.06E-06	8.97E-07	1.28E-06	2.03E-06	3.57E-07	1.55E-06	1.03E-05
218	487727.14	3857078.23	1.41E-02	1.51E-02	1.15E-02	4.89E-06	1.48E-05	8.55E-06	9.12E-06	8.27E-06	3.77E-06	2.89E-06	1.63E-07	3.95E-06	8.71E-07	1.24E-06	1.96E-06	3.46E-07	1.52E-06	1.00E-05
219	487777.14	3857078.23	1.37E-02	1.46E-02	1.13E-02	4.75E-06	1.44E-05	8.31E-06	8.85E-06	8.02E-06	3.66E-06	2.83E-06	1.59E-07	3.83E-06	8.46E-07	1.20E-06	1.91E-06	3.36E-07	1.48E-06	9.77E-06
220	487427.14	3857128.23	1.69E-02	1.81E-02	1.33E-02	5.85E-06	1.77E-05	1.02E-05	1.10E-05	9.95E-06	4.54E-06	3.34E-06	1.95E-07	4.72E-06	1.04E-06	1.49E-06	2.37E-06	4.17E-07	1.75E-06	1.20E-05
221	487477.14	3857128.23	1.62E-02	1.74E-02	1.29E-02	5.61E-06	1.69E-05	9.80E-06	1.05E-05	9.53E-06	4.35E-06	3.23E-06	1.87E-07	4.52E-06	9.98E-07	1.43E-06	2.26E-06	3.99E-07	1.70E-06	1.15E-05
222	487527.14	3857128.23	1.56E-02	1.67E-02	1.25E-02	5.40E-06	1.63E-05	9.44E-06	1.01E-05	9.15E-06	4.18E-06	3.14E-06	1.80E-07	4.35E-06	9.61E-07	1.37E-06	2.17E-06	3.83E-07	1.65E-06	1.11E-05
223	487577.14	3857128.23	1.51E-02	1.61E-02	1.22E-02	5.22E-06	1.58E-05	9.12E-06	9.74E-06	8.83E-06	4.03E-06	3.06E-06	1.74E-07	4.21E-06	9.28E-07	1.32E-06	2.10E-06	3.70E-07	1.61E-06	1.07E-05
224	487627.14	3857128.23	1.46E-02	1.56E-02	1.19E-02	5.06E-06	1.53E-05	8.84E-06	9.42E-06	8.54E-06	3.90E-06	2.99E-06	1.69E-07	4.08E-06	9.00E-07	1.28E-06	2.03E-06	3.58E-07	1.57E-06	1.04E-05
225	487677.14	3857128.23	1.42E-02	1.51E-02	1.17E-02	4.91E-06	1.48E-05	8.57E-06	9.13E-06	8.27E-06	3.78E-06	2.92E-06	1.64E-07	3.96E-06	8.73E-07	1.24E-06	1.97E-06	3.46E-07	1.53E-06	1.01E-05
226	487727.14	3857128.23	1.38E-02	1.47E-02	1.15E-02	4.78E-06	1.44E-05	8.36E-06	8.88E-06	8.05E-06	3.67E-06	2.87E-06	1.60E-07	3.86E-06	8.51E-07	1.21E-06	1.91E-06	3.37E-07	1.51E-06	9.83E-06
227	487777.14	3857128.23	1.34E-02	1.43E-02	1.12E-02	4.66E-06	1.41E-05	8.14E-06	8.64E-06	7.83E-06	3.57E-06	2.82E-06	1.56E-07	3.76E-06	8.29E-07	1.17E-06	1.86E-06	3.28E-07	1.48E-06	9.58E-06
228	488049.44	3856539.39	1.09E-02	1.17E-02	8.73E-03	3.78E-06	1.14E-05	6.61E-06	7.08E-06	6.41E-06	2.93E-06	2.19E-06	1.26E-07	3.05E-06	6.73E-07	9.61E-07	1.52E-06	2.69E-07	1.15E-06	7.75E-06
229	488099.44	3856539.39	1.07E-02	1.14E-02	8.57E-03	3.70E-06	1.12E-05	6.47E-06	6.92E-06	6.28E-06	2.86E-06	2.15E-06	1.24E-07	2.98E-06	6.58E-07	9.40E-07	1.49E-06	2.63E-07	1.13E-06	7.59E-06
230	488149.44	3856539.39	1.05E-02	1.12E-02	8.44E-03	3.63E-06	1.10E-05	6.34E-06	6.79E-06	6.15E-06	2.81E-06	2.11E-06	1.21E-07	2.93E-06	6.46E-07	9.22E-07	1.46E-06	2.58E-07	1.11E-06	7.45E-06
231	488049.44	3856589.39	1.12E-02	1.20E-02	8.96E-03	3.87E-06	1.17E-05	6.77E-06	7.25E-06	6.57E-06	3.00E-06	2.24E-06	1.29E-07	3.12E-06	6.89E-07	9.84E-07	1.56E-06	2.75E-07	1.18E-06	7.94E-06
232	488099.44	3856589.39	1.09E-02	1.17E-02	8.80E-03	3.79E-06	1.14E-05	6.62E-06	7.09E-06	6.42E-06	2.93E-06	2.20E-06	1.26E-07	3.06E-06	6.74E-07	9.62E-07	1.53E-06	2.69E-07	1.16E-06	7.77E-06
233	488149.44	3856589.39	1.07E-02	1.15E-02	8.65E-03	3.71E-06	1.12E-05	6.49E-06	6.94E-06	6.29E-06	2.87E-06	2.17E-06	1.24E-07	2.99E-06	6.61E-07	9.42E-07	1.49E-06	2.63E-07	1.14E-06	7.61E-06
234	488199.44	3856589.39	1.05E-02	1.12E-02	8.49E-03	3.63E-06	1.10E-05	6.35E-06	6.79E-06	6.15E-06	2.81E-06	2.13E-06	1.21E-07	2.93E-06	6.47E-07	9.22E-07	1.46E-06	2.58E-07	1.12E-06	7.46E-06
235	488249.44	3856589.39	1.03E-02	1.10E-02	8.41E-03	3.58E-06	1.08E-05	6.26E-06	6.68E-06	6.05E-06	2.76E-06	2.11E-06	1.20E-07	2.89E-06	6.37E-07	9.07E-07	1.44E-06	2.54E-07	1.11E-06	7.35E-06
236	488049.44	3856639.39	1.14E-02	1.22E-02	9.17E-03	3.95E-06	1.19E-05	6.91E-06	7.40E-06	6.71E-06	3.06E-06	2.30E-06	1.32E-07	3.19E-06	7.04E-07	1.00E-06	1.59E-06	2.81E-07	1.21E-06	8.11E-06
237	488099.44	3856639.39	1.12E-02	1.19E-02	9.00E-03	3.87E-06	1.17E-05	6.76E-06	7.23E-06	6.55E-06	2.99E-06	2.25E-06	1.29E-07	3.12E-06	6.88E-07	9.82E-07	1.56E-06	2.74E-07	1.18E-06	7.93E-06
238	488149.44	3856639.39	1.09E-02	1.17E-02	8.84E-03	3.78E-06	1.14E-05	6.62E-06	7.07E-06	6.41E-06	2.92E-06	2.21E-06	1.26E-07	3.05E-06	6.74E-07	9.60E-07	1.52E-06	2.68E-07	1.16E-06	7.77E-06
239	488199.44	3856639.39	1.07E-02	1.14E-02	8.71E-03	3.71E-06	1.12E-05	6.49E-06	6.93E-06	6.28E-06	2.87E-06	2.18E-06	1.24E-07	3.00E-06	6.61E-07	9.41E-07	1.49E-06	2.63E-07	1.15E-06	7.62E-06
240	488249.44	3856639.39	1.05E-02	1.12E-02	8.57E-03	3.64E-06	1.10E-05	6.37E-06	6.79E-06	6.16E-06	2.81E-06	2.15E-06	1.22E-07	2.94E-06	6.48E-07	9.22E-07	1.46E-06	2.58E-07	1.13E-06	7.48E-06
241	488299.44	3856639.39	1.03E-02	1.10E-02	8.45E-03	3.58E-06	1.08E-05	6.25E-06	6.66E-06	6.04E-06	2.76E-06	2.12E-06	1.19E-07	2.88E-06	6.36E-07	9.05E-07	1.43E-06	2.53E-07	1.11E-06	7.34E-06
242	488349.44	3856639.39	1.01E-02	1.08E-02	8.31E-03	3.51E-06	1.06E-05	6.13E-06	6.53E-06	5.92E-06	2.70E-06	2.08E-06	1.17E-07	2.83E-06	6.24E-07	8.86E-07	1.41E-06	2.48E-07	1.09E-06	7.20E-06
243	488399.44	3856639.39	9.96E-03	1.06E-02	8.22E-03	3.45E-06	1.04E-05	6.03E-06	6.42E-06	5.82E-06	2.66E-06	2.06E-06	1.15E-07	2.78E-06	6.14E-07	8.72E-07	1.38E-06	2.44E-07	1.08E-06	7.09E-06
244	488099.44	3856689.39	1.14E-02	1.22E-02	9.20E-03	3.94E-06	1.19E-05	6.89E-06	7.37E-06	6.68E-06	3.05E-06	2.30E-06	1.32E-07	3.18E-06	7.02E-07	1.00E-06	1.59E-06	2.80E-07	1.21E-06	8.09E-06
245	488149.44	3856689.39	1.11E-02	1.19E-02	9.03E-03	3.85E-06	1.16E-05	6.74E-06	7.20E-06	6.52E-06	2.98E-06	2.26E-06	1.29E-07	3.11E-06	6.86E-07	9.77E-07	1.55E-06	2.73E-07	1.19E-06	7.91E-06
246	488199.44	3856689.39	1.09E-02	1.16E-02	8.89E-03	3.78E-06	1.14E-05	6.60E-06	7.05E-06	6.39E-06	2.91E-06	2.23E-06	1.26E-07	3.05E-06	6.72E-07	9.57E-07	1.52E-06	2.68E-07	1.17E-06	7.76E-06
247	488249.44	3856689.39	1.07E-02	1.14E-02	8.73E-03	3.70E-06	1.12E-05	6.46E-06	6.89E-06	6.25E-06	2.85E-06	2.19E-06	1.23E-07	2.98E-06	6.58E-07	9.36E-07	1.48E-06	2.62E-07	1.15E-06	7.60E-06
248	488299.44	3856689.39	1.05E-02	1.12E-02	8.62E-03	3.63E-06	1.10E-05	6.35E-06	6.77E-06	6.13E-06	2.80E-06	2.16E-06	1.21E-07	2.93E-06	6.47E-07	9.19E-07	1.46E-06	2.57E-07	1.13E-06	7.47E-06
249	488349.44	3856689.39	1.03E-02	1.09E-02	8.48E-03	3.56E-06	1.08E-05	6.23E-06	6.63E-06	6.01E-06	2.74E-06	2.12E-06	1.19E-07	2.87E-06	6.34E-07	9.00E-07	1.43E-06	2.52E-07	1.12E-06	7.32E-06
250	488399.44	3856689.39	1.01E-02	1.07E-02	8.32E-03	3.49E-06	1.05E-05	6.09E-06	6.48E-06	5.88E-06	2.68E-06	2.08E-06	1.16E-07	2.81E-06	6.21E-07	8.80E-07	1.40E-06	2.46E-07	1.09E-06	7.17E-06
251	488099.44	3856739.39	1.16E-02	1.24E-02	9.39E-03	4.01E-06	1.21E-05	7.01E-06	7.49E-06	6.79E-06	3.10E-06	2.35E-06	1.34E-07	3.23E-06	7.14E-07	1.02E-06	1.61E-06	2.84E-07	1.24E-06	8.23E-06
252	488149.44	3856739.39	1.13E-02	1.21E-02	9.20E-03	3.91E-06	1.18E-05	6.84E-06	7.30E-06	6.62E-06	3.02E-06	2.31E-06	1.31E-07	3.16E-06	6.97E-07	9.91E-07	1.57E-06	2.77E-07	1.21E-06	8.03E-06
253	488199.44	3856739.39	1.11E-02	1.18E-02	9.07E-03	3.84E-06	1.16E-05	6.71E-06	7.15E-06	6.48E-06	2.96E-06	2.27E-06	1.28E-07	3.10E-06	6.83E-07	9.71E-07	1.54E-06	2.72E-07	1.19E-06	7.88E-06
254	488249.44	3856739.39	1.08E-02	1.15E-02	8.90E-03	3.75E-06	1.13E-05	6.56E-06	6.99E-06	6.34E-06	2.89E-06	2.23E-06	1.25E-07	3.03E-06	6.68E-07	9.49E-07	1.51E-06	2.65E-07	1.17E-06	7.71E-06
255	488299.44	3856739.39	1.06E-02	1.13E-02	8.72E-03	3.67E-06	1.11E-05	6.41E-06	6.83E-06	6.19E-06	2.82E-06	2.19E-06	1.22E-07	2.96E-06	6.53E-07	9.27E-07	1.47E-06	2.59E-07	1.15E-06	7.54E-06
256	488349.44	3856739.39	1.04E-02	1.11E-02	8.63E-03	3.61E-06	1.09E-05	6.31E-06	6.71E-06	6.08E-06	2.78E-06	2.16E-06	1.21E-07	2.91E-06	6.43E-07	9.11E-07	1.45E-06	2.55E-07	1.13E-06	7.42E-06
257	488399.44	3856739.39	1.03E-02	1.09E-02	8.54E-03	3.55E-06	1.07E-05	6.21E-06	6.60E-06	5.98E-06	2.73E-06	2.14E-06	1.19E-07	2.87E-06	6.32E-07	8.96E-07	1.42E-06	2.50E-07	1.12E-06	7.31E-06
258	487999.44	3856789.39	1.23E-02	1.31E-02	9.88E-03	4.25E-06	1.28E-05	7.42E-06	7.94E-06	7.20E-06	3.28E-06	2.48E-06	1.42E-07	3.43E-06	7.56E-07	1.08E-06	1.71E-06	3.01E-07	1.30E-06	8.71E-06

259	488049.44	3856789.39	1.20E-02	1.28E-02	9.69E-03	4.15E-06	1.25E-05	7.25E-06	7.74E-06	7.02E-06	3.20E-06	2.43E-06	1.38E-07	3.34E-06	7.38E-07	1.05E-06	1.67E-06	2.94E-07	1.27E-06	8.51E-06
260	488099.44	3856789.39	1.17E-02	1.25E-02	9.54E-03	4.06E-06	1.23E-05	7.09E-06	7.57E-06	6.86E-06	3.13E-06	2.39E-06	1.35E-07	3.27E-06	7.22E-07	1.03E-06	1.63E-06	2.87E-07	1.25E-06	8.33E-06
261	488149.44	3856789.39	1.14E-02	1.22E-02	9.36E-03	3.96E-06	1.20E-05	6.93E-06	7.39E-06	6.70E-06	3.06E-06	2.35E-06	1.32E-07	3.20E-06	7.05E-07	1.00E-06	1.59E-06	2.80E-07	1.23E-06	8.14E-06
262	488199.44	3856789.39	1.12E-02	1.19E-02	9.21E-03	3.88E-06	1.17E-05	6.78E-06	7.23E-06	6.55E-06	2.99E-06	2.31E-06	1.30E-07	3.13E-06	6.91E-07	9.81E-07	1.56E-06	2.74E-07	1.21E-06	7.97E-06
263	488249.44	3856789.39	1.10E-02	1.17E-02	9.05E-03	3.80E-06	1.15E-05	6.64E-06	7.06E-06	6.40E-06	2.92E-06	2.27E-06	1.27E-07	3.06E-06	6.76E-07	9.59E-07	1.52E-06	2.68E-07	1.19E-06	7.80E-06
264	488299.44	3856789.39	1.07E-02	1.14E-02	8.87E-03	3.71E-06	1.12E-05	6.49E-06	6.90E-06	6.26E-06	2.85E-06	2.22E-06	1.24E-07	2.99E-06	6.61E-07	9.37E-07	1.49E-06	2.62E-07	1.17E-06	7.63E-06
265	488349.44	3856789.39	1.05E-02	1.12E-02	8.78E-03	3.65E-06	1.10E-05	6.39E-06	6.78E-06	6.15E-06	2.81E-06	2.20E-06	1.22E-07	2.95E-06	6.50E-07	9.21E-07	1.46E-06	2.57E-07	1.15E-06	7.51E-06
266	488399.44	3856789.39	1.04E-02	1.10E-02	8.67E-03	3.59E-06	1.08E-05	6.28E-06	6.66E-06	6.04E-06	2.75E-06	2.17E-06	1.20E-07	2.90E-06	6.39E-07	9.04E-07	1.43E-06	2.53E-07	1.14E-06	7.39E-06
267	487949.44	3856839.39	1.27E-02	1.36E-02	1.02E-02	4.40E-06	1.33E-05	7.69E-06	8.23E-06	7.46E-06	3.40E-06	2.56E-06	1.47E-07	3.55E-06	7.83E-07	1.12E-06	1.77E-06	3.12E-07	1.34E-06	9.03E-06
268	487999.44	3856839.39	1.24E-02	1.32E-02	1.00E-02	4.29E-06	1.30E-05	7.50E-06	8.01E-06	7.26E-06	3.31E-06	2.51E-06	1.43E-07	3.46E-06	7.63E-07	1.09E-06	1.73E-06	3.04E-07	1.32E-06	8.80E-06
269	488049.44	3856839.39	1.21E-02	1.29E-02	9.83E-03	4.18E-06	1.26E-05	7.31E-06	7.81E-06	7.08E-06	3.23E-06	2.46E-06	1.40E-07	3.38E-06	7.45E-07	1.06E-06	1.68E-06	2.96E-07	1.29E-06	8.59E-06
270	488099.44	3856839.39	1.18E-02	1.26E-02	9.66E-03	4.09E-06	1.23E-05	7.15E-06	7.62E-06	6.91E-06	3.15E-06	2.42E-06	1.37E-07	3.30E-06	7.28E-07	1.03E-06	1.64E-06	2.89E-07	1.27E-06	8.40E-06
271	488149.44	3856839.39	1.15E-02	1.23E-02	9.50E-03	4.00E-06	1.21E-05	6.99E-06	7.45E-06	6.75E-06	3.08E-06	2.38E-06	1.34E-07	3.23E-06	7.12E-07	1.01E-06	1.60E-06	2.83E-07	1.25E-06	8.22E-06
272	488199.44	3856839.39	1.13E-02	1.20E-02	9.34E-03	3.92E-06	1.18E-05	6.84E-06	7.28E-06	6.60E-06	3.01E-06	2.34E-06	1.31E-07	3.16E-06	6.97E-07	9.89E-07	1.57E-06	2.76E-07	1.23E-06	8.05E-06
273	487949.44	3856889.39	1.28E-02	1.36E-02	1.03E-02	4.42E-06	1.34E-05	7.73E-06	8.26E-06	7.49E-06	3.42E-06	2.59E-06	1.48E-07	3.57E-06	7.87E-07	1.12E-06	1.78E-06	3.14E-07	1.36E-06	9.08E-06
274	487999.44	3856889.39	1.25E-02	1.33E-02	1.02E-02	4.32E-06	1.30E-05	7.55E-06	8.06E-06	7.30E-06	3.33E-06	2.55E-06	1.44E-07	3.48E-06	7.69E-07	1.09E-06	1.74E-06	3.06E-07	1.34E-06	8.87E-06
275	488049.44	3856889.39	1.21E-02	1.29E-02	9.94E-03	4.21E-06	1.27E-05	7.35E-06	7.84E-06	7.10E-06	3.24E-06	2.49E-06	1.40E-07	3.39E-06	7.49E-07	1.06E-06	1.69E-06	2.98E-07	1.31E-06	8.64E-06
276	488099.44	3856889.39	1.19E-02	1.26E-02	9.78E-03	4.11E-06	1.24E-05	7.19E-06	7.66E-06	6.94E-06	3.17E-06	2.45E-06	1.37E-07	3.32E-06	7.32E-07	1.04E-06	1.65E-06	2.91E-07	1.29E-06	8.45E-06
277	488635.86	3857895.05	2.34E-02	2.36E-02	2.34E-02	8.11E-06	2.45E-05	1.42E-05	1.43E-05	1.29E-05	5.90E-06	5.87E-06	2.71E-07	6.54E-06	1.44E-06	1.94E-06	3.07E-06	5.42E-07	3.08E-06	1.69E-05
278	489137.64	3857804.15	1.45E-02	1.47E-02	1.44E-02	5.03E-06	1.52E-05	8.79E-06	8.90E-06	8.07E-06	3.68E-06	3.61E-06	1.68E-07	4.06E-06	8.95E-07	1.21E-06	1.92E-06	3.38E-07	1.89E-06	1.05E-05
279	488617.32	3857859.41	2.29E-02	2.31E-02	2.29E-02	7.94E-06	2.40E-05	1.39E-05	1.40E-05	1.27E-05	5.78E-06	5.74E-06	2.65E-07	6.40E-06	1.41E-06	1.90E-06	3.01E-06	5.31E-07	3.01E-06	1.65E-05
280	488667.32	3857859.41	2.17E-02	2.19E-02	2.17E-02	7.52E-06	2.27E-05	1.31E-05	1.33E-05	1.20E-05	5.48E-06	5.43E-06	2.51E-07	6.07E-06	1.34E-06	1.80E-06	2.85E-06	5.03E-07	2.85E-06	1.57E-05
281	488717.32	3857859.41	2.06E-02	2.08E-02	2.06E-02	7.14E-06	2.15E-05	1.25E-05	1.26E-05	1.14E-05	5.20E-06	5.15E-06	2.38E-07	5.76E-06	1.27E-06	1.71E-06	2.71E-06	4.77E-07	2.70E-06	1.49E-05
282	488767.32	3857859.41	1.96E-02	1.98E-02	1.96E-02	6.80E-06	2.05E-05	1.19E-05	1.20E-05	1.09E-05	4.96E-06	4.91E-06	2.27E-07	5.49E-06	1.21E-06	1.63E-06	2.58E-06	4.56E-07	2.58E-06	1.42E-05
283	488617.32	3857909.41	2.42E-02	2.44E-02	2.43E-02	8.39E-06	2.53E-05	1.47E-05	1.48E-05	1.34E-05	6.11E-06	6.08E-06	2.80E-07	6.77E-06	1.49E-06	2.01E-06	3.18E-06	5.61E-07	3.19E-06	1.75E-05
284	488667.32	3857909.41	2.27E-02	2.29E-02	2.27E-02	7.87E-06	2.37E-05	1.37E-05	1.38E-05	1.26E-05	5.73E-06	5.70E-06	2.63E-07	6.34E-06	1.40E-06	1.88E-06	2.98E-06	5.26E-07	2.99E-06	1.64E-05
285	488717.32	3857909.41	2.13E-02	2.15E-02	2.13E-02	7.38E-06	2.23E-05	1.29E-05	1.30E-05	1.18E-05	5.38E-06	5.34E-06	2.46E-07	5.95E-06	1.31E-06	1.76E-06	2.80E-06	4.93E-07	2.80E-06	1.54E-05
286	488767.32	3857909.41	2.02E-02	2.03E-02	2.02E-02	6.98E-06	2.11E-05	1.22E-05	1.23E-05	1.12E-05	5.09E-06	5.06E-06	2.33E-07	5.63E-06	1.24E-06	1.67E-06	2.65E-06	4.67E-07	2.65E-06	1.46E-05
287	488417.32	3857959.41	3.51E-02	3.52E-02	3.52E-02	1.22E-05	3.67E-05	2.13E-05	2.13E-05	1.93E-05	8.83E-06	8.82E-06	4.06E-07	9.81E-06	2.16E-06	2.90E-06	4.60E-06	8.10E-07	4.63E-06	2.53E-05
288	488467.32	3857959.41	3.16E-02	3.18E-02	3.17E-02	1.10E-05	3.31E-05	1.91E-05	1.92E-05	1.74E-05	7.96E-06	7.95E-06	3.66E-07	8.84E-06	1.95E-06	2.61E-06	4.14E-06	7.30E-07	4.17E-06	2.28E-05
289	488517.32	3857959.41	2.87E-02	2.89E-02	2.88E-02	9.95E-06	3.00E-05	1.74E-05	1.75E-05	1.58E-05	7.23E-06	7.22E-06	3.32E-07	8.02E-06	1.77E-06	2.37E-06	3.76E-06	6.63E-07	3.79E-06	2.07E-05
290	488567.32	3857959.41	2.63E-02	2.64E-02	2.64E-02	9.11E-06	2.75E-05	1.59E-05	1.60E-05	1.45E-05	6.63E-06	6.62E-06	3.04E-07	7.35E-06	1.62E-06	2.18E-06	3.45E-06	6.08E-07	3.47E-06	1.90E-05
291	488617.32	3857959.41	2.43E-02	2.44E-02	2.44E-02	8.42E-06	2.54E-05	1.47E-05	1.48E-05	1.34E-05	6.12E-06	6.11E-06	2.81E-07	6.79E-06	1.50E-06	2.01E-06	3.19E-06	5.62E-07	3.21E-06	1.75E-05
292	488667.32	3857959.41	2.26E-02	2.28E-02	2.27E-02	7.83E-06	2.37E-05	1.37E-05	1.38E-05	1.25E-05	5.70E-06	5.69E-06	2.62E-07	6.32E-06	1.39E-06	1.87E-06	2.97E-06	5.23E-07	2.98E-06	1.63E-05
293	488717.32	3857959.41	2.12E-02	2.14E-02	2.13E-02	7.35E-06	2.22E-05	1.29E-05	1.29E-05	1.17E-05	5.35E-06	5.34E-06	2.46E-07	5.93E-06	1.31E-06	1.76E-06	2.79E-06	4.91E-07	2.80E-06	1.53E-05
294	488767.32	3857959.41	2.00E-02	2.02E-02	2.01E-02	6.94E-06	2.10E-05	1.21E-05	1.22E-05	1.11E-05	5.06E-06	5.04E-06	2.32E-07	5.60E-06	1.24E-06	1.66E-06	2.63E-06	4.64E-07	2.64E-06	1.45E-05
295	488417.32	3858009.41	3.27E-02	3.29E-02	3.29E-02	1.13E-05	3.43E-05	1.98E-05	1.99E-05	1.81E-05	8.24E-06	8.25E-06	3.79E-07	9.15E-06	2.02E-06	2.70E-06	4.29E-06	7.56E-07	4.33E-06	2.36E-05
296	488467.32	3858009.41	2.95E-02	2.96E-02	2.97E-02	1.02E-05	3.09E-05	1.79E-05	1.79E-05	1.63E-05	7.42E-06	7.43E-06	3.41E-07	8.24E-06	1.82E-06	2.44E-06	3.87E-06	6.81E-07	3.90E-06	2.13E-05
297	488517.32	3858009.41	2.69E-02	2.70E-02	2.70E-02	9.31E-06	2.81E-05	1.63E-05	1.64E-05	1.48E-05	6.76E-06	6.77E-06	3.11E-07	7.51E-06	1.66E-06	2.22E-06	3.52E-06	6.21E-07	3.55E-06	1.94E-05
298	488567.32	3858009.41	2.47E-02	2.49E-02	2.49E-02	8.58E-06	2.59E-05	1.50E-05	1.51E-05	1.37E-05	6.24E-06	6.24E-06	2.86E-07	6.92E-06	1.53E-06	2.05E-06	3.25E-06	5.72E-07	3.28E-06	1.79E-05
299	488617.32	3858009.41	2.30E-02	2.31E-02	2.32E-02	7.97E-06	2.41E-05	1.39E-05	1.40E-05	1.27E-05	5.80E-06	5.80E-06	2.66E-07	6.43E-06	1.42E-06	1.90E-06	3.02E-06	5.32E-07	3.05E-06	1.66E-05
300	488667.32	3858009.41	2.16E-02	2.17E-02	2.17E-02	7.47E-06	2.26E-05	1.31E-05	1.31E-05	1.19E-05	5.44E-06	5.44E-06	2.49E-07	6.03E-06	1.33E-06	1.78E-06	2.83E-06	4.99E-07	2.85E-06	1.56E-05
301	488717.32	3858009.41	2.03E-02	2.05E-02	2.05E-02	7.05E-06	2.13E-05	1.23E-05	1.24E-05	1.13E-05	5.13E-06	5.13E-06	2.35E-07	5.69E-06	1.26E-06	1.69E-06	2.67E-06	4.71E-07	2.69E-06	1.47E-05
302	488767.32	3858009.41	1.93E-02	1.95E-02	1.95E-02	6.70E-06	2.02E-05	1.17E-05	1.18E-05	1.07E-05	4.88E-06	4.87E-06	2.24E-07	5.40E-06	1.19E-06	1.60E-06	2.54E-06	4.48E-07	2.56E-06	1.40E-05
303	488417.32	3858059.41	2.71E-02	2.72E-02	2.73E-02	9.39E-06	2.83E-05	1.64E-05	1.65E-05	1.49E-05	6.82E-06	6.85E-06	3.13E-07	7.57E-06	1.67E-06	2.24E-06	3.55E-06	6.26E-07	3.59E-06	1.96E-05
304	488467.32	3858059.41	2.52E-02	2.53E-02	2.55E-02	8.74E-06	2.64E-05	1.53E-05	1.54E-05	1.39E-05	6.35E-06	6.38E-06	2.92E-07	7.05E-06	1.56E-06	2.08E-06	3.31E-06	5.83E-07	3.35E-06	1.82E-05
305	488517.32	3858059.41	2.36E-02	2.37E-02	2.38E-02	8.17E-06	2.47E-05	1.43E-05	1.44E-05	1.30E-05	5.94E-06	5.97E-06	2.73E-07	6.59E-06	1.45E-06	1.95E-06	3.09E-06	5.45E-07	3.13E-06	1.70E-05
306	488567.32	3858059.41	2.22E-02	2.23E-02	2.24E-02	7.70E-06	2.32E-05	1.35E-05	1.35E-05	1.23E-05	5.60E-06	5.62E-06	2.57E-07	6.21E-06	1.37E-06	1.84E-06	2.91E-06	5.14E-07	2.95E-06	1.60E-05
307	488617.32	3858059.41	2.10E-02	2.11E-02	2.12E-02	7.28E-06	2.20E-05	1.27E-05	1.28E-05	1.16E-05	5.30E-06	5.32E-06	2.43E-07	5.87E-06	1.30E-06	1.74E-06	2.76E-06	4.86E-07	2.79E-06	1.52E-05
308	488667.32	3858059.41	2.00E-02	2.01E-02	2.02E-02	6.93E-06	2.09E-05	1.21E-05	1.22E-05	1.10E-05	5.04E-06	5.06E-06	2.31E-07	5.59E-06	1.23E-06	1.66E-06	2.63E-06	4.63E-07	2.65E-06	1.45E-05
309	488417.32	3858109.41	2.23E-02	2.24E-02	2.26E-02	7.71E-06	2.33E-05	1.35E-05	1.36E-05	1.23E-05	5.61E-06	5.65E-06	2.58E-07	6.22E-06	1.37E-06	1.84E-06	2.92E-06	5.15E-07	2.97E-06	1.61E-05
310	488467.32	3858109.41	2.15E-02	2.16E-02	2.18E-02	7.44E-06	2.25E-05	1.30E-05	1.31E-05	1.19E-05	5.41E-06	5.45E-06	2.48E-07	6.00E-06	1.32E-06	1.78E-06	2.82E-06	4.96E-07	2.86E-06	1.55E-05
311	488517.32	3858109.41	2.06E-02	2.08E-02	2.09E-02	7.16E-06	2.16E-05	1.25E-05	1.26E-05	1.14E-05	5.20E-06	5.24E-06	2.39E-07	5.77E-06	1.27E-06	1.71E-06	2.71E-06	4.78E-07	2.75E-06	1.49E-05

312	488567.32	3858109.41	1.99E-02	2.00E-02	2.01E-02	6.89E-06	2.08E-05	1.20E-05	1.21E-05	1.10E-05	5.01E-06	5.05E-06	2.30E-07	5.56E-06	1.23E-06	1.64E-06	2.61E-06	4.60E-07	2.65E-06	1.44E-05
313	488617.32	3858109.41	1.92E-02	1.93E-02	1.94E-02	6.64E-06	2.00E-05	1.16E-05	1.17E-05	1.06E-05	4.83E-06	4.87E-06	2.22E-07	5.35E-06	1.18E-06	1.59E-06	2.52E-06	4.43E-07	2.55E-06	1.39E-05
314	488667.32	3858109.41	1.85E-02	1.86E-02	1.87E-02	6.41E-06	1.94E-05	1.12E-05	1.13E-05	1.02E-05	4.66E-06	4.70E-06	2.14E-07	5.17E-06	1.14E-06	1.53E-06	2.43E-06	4.28E-07	2.47E-06	1.34E-05
315	488769.93	3858449.27	1.66E-02	1.67E-02	1.71E-02	5.74E-06	1.73E-05	1.00E-05	1.01E-05	9.14E-06	4.17E-06	4.29E-06	1.92E-07	4.63E-06	1.02E-06	1.37E-06	2.17E-06	3.83E-07	2.25E-06	1.20E-05
316	488819.93	3858449.27	1.63E-02	1.64E-02	1.69E-02	5.67E-06	1.71E-05	9.90E-06	9.96E-06	9.03E-06	4.12E-06	4.23E-06	1.89E-07	4.57E-06	1.01E-06	1.35E-06	2.14E-06	3.78E-07	2.22E-06	1.19E-05
317	488819.93	3858499.27	1.69E-02	1.70E-02	1.75E-02	5.86E-06	1.77E-05	1.02E-05	1.03E-05	9.33E-06	4.26E-06	4.38E-06	1.96E-07	4.73E-06	1.04E-06	1.40E-06	2.22E-06	3.91E-07	2.30E-06	1.23E-05
318	488869.93	3858499.27	1.67E-02	1.68E-02	1.73E-02	5.78E-06	1.75E-05	1.01E-05	1.02E-05	9.21E-06	4.20E-06	4.33E-06	1.93E-07	4.67E-06	1.03E-06	1.38E-06	2.19E-06	3.86E-07	2.27E-06	1.21E-05
319	488869.93	3858549.27	1.74E-02	1.75E-02	1.81E-02	6.05E-06	1.83E-05	1.06E-05	1.06E-05	9.63E-06	4.39E-06	4.53E-06	2.02E-07	4.88E-06	1.08E-06	1.44E-06	2.29E-06	4.03E-07	2.38E-06	1.27E-05
320	489438.17	3859571.48	2.49E-02	2.50E-02	2.61E-02	8.64E-06	2.61E-05	1.51E-05	1.51E-05	1.37E-05	6.26E-06	6.55E-06	2.89E-07	6.97E-06	1.54E-06	2.05E-06	3.26E-06	5.74E-07	3.44E-06	1.81E-05
321	489488.17	3859571.48	2.41E-02	2.42E-02	2.53E-02	8.37E-06	2.53E-05	1.46E-05	1.47E-05	1.33E-05	6.06E-06	6.34E-06	2.79E-07	6.75E-06	1.49E-06	1.99E-06	3.16E-06	5.56E-07	3.33E-06	1.75E-05
322	489538.17	3859571.48	2.34E-02	2.35E-02	2.45E-02	8.11E-06	2.45E-05	1.42E-05	1.42E-05	1.29E-05	5.88E-06	6.14E-06	2.71E-07	6.54E-06	1.44E-06	1.93E-06	3.06E-06	5.39E-07	3.22E-06	1.70E-05
323	489588.17	3859571.48	2.28E-02	2.28E-02	2.39E-02	7.89E-06	2.38E-05	1.38E-05	1.38E-05	1.25E-05	5.72E-06	5.98E-06	2.64E-07	6.37E-06	1.40E-06	1.88E-06	2.98E-06	5.25E-07	3.14E-06	1.65E-05
324	489438.17	3859621.48	2.44E-02	2.45E-02	2.56E-02	8.46E-06	2.56E-05	1.48E-05	1.48E-05	1.34E-05	6.13E-06	6.41E-06	2.83E-07	6.83E-06	1.51E-06	2.01E-06	3.19E-06	5.63E-07	3.37E-06	1.77E-05
325	489488.17	3859621.48	2.37E-02	2.38E-02	2.48E-02	8.22E-06	2.48E-05	1.44E-05	1.44E-05	1.30E-05	5.95E-06	6.23E-06	2.74E-07	6.63E-06	1.46E-06	1.95E-06	3.10E-06	5.46E-07	3.27E-06	1.72E-05
326	489538.17	3859621.48	2.30E-02	2.31E-02	2.41E-02	7.98E-06	2.41E-05	1.40E-05	1.40E-05	1.27E-05	5.78E-06	6.05E-06	2.67E-07	6.44E-06	1.42E-06	1.90E-06	3.01E-06	5.31E-07	3.17E-06	1.67E-05
327	489588.17	3859621.48	2.24E-02	2.24E-02	2.34E-02	7.75E-06	2.34E-05	1.35E-05	1.36E-05	1.23E-05	5.62E-06	5.87E-06	2.59E-07	6.25E-06	1.38E-06	1.84E-06	2.92E-06	5.15E-07	3.08E-06	1.63E-05
328	489238.17	3859671.48	2.70E-02	2.71E-02	2.83E-02	9.36E-06	2.83E-05	1.64E-05	1.64E-05	1.49E-05	6.78E-06	7.10E-06	3.13E-07	7.55E-06	1.67E-06	2.23E-06	3.53E-06	6.22E-07	3.73E-06	1.96E-05
329	489288.17	3859671.48	2.62E-02	2.63E-02	2.75E-02	9.08E-06	2.74E-05	1.59E-05	1.59E-05	1.44E-05	6.58E-06	6.89E-06	3.03E-07	7.33E-06	1.62E-06	2.16E-06	3.43E-06	6.04E-07	3.61E-06	1.91E-05
330	489338.17	3859671.48	2.54E-02	2.55E-02	2.67E-02	8.81E-06	2.66E-05	1.54E-05	1.54E-05	1.40E-05	6.38E-06	6.68E-06	2.94E-07	7.11E-06	1.57E-06	2.09E-06	3.32E-06	5.85E-07	3.50E-06	1.85E-05
331	489388.17	3859671.48	2.46E-02	2.47E-02	2.58E-02	8.53E-06	2.58E-05	1.49E-05	1.49E-05	1.35E-05	6.18E-06	6.47E-06	2.85E-07	6.88E-06	1.52E-06	2.03E-06	3.22E-06	5.67E-07	3.39E-06	1.79E-05
332	489438.17	3859671.48	2.40E-02	2.40E-02	2.51E-02	8.30E-06	2.51E-05	1.45E-05	1.45E-05	1.32E-05	6.01E-06	6.29E-06	2.77E-07	6.70E-06	1.48E-06	1.97E-06	3.13E-06	5.52E-07	3.30E-06	1.74E-05
333	489488.17	3859671.48	2.32E-02	2.33E-02	2.44E-02	8.06E-06	2.43E-05	1.41E-05	1.41E-05	1.28E-05	5.84E-06	6.10E-06	2.69E-07	6.50E-06	1.43E-06	1.92E-06	3.04E-06	5.36E-07	3.20E-06	1.69E-05
334	489538.17	3859671.48	2.26E-02	2.27E-02	2.37E-02	7.84E-06	2.37E-05	1.37E-05	1.37E-05	1.24E-05	5.68E-06	5.94E-06	2.62E-07	6.32E-06	1.39E-06	1.86E-06	2.96E-06	5.21E-07	3.12E-06	1.64E-05
335	489588.17	3859671.48	2.20E-02	2.20E-02	2.30E-02	7.62E-06	2.30E-05	1.33E-05	1.34E-05	1.21E-05	5.52E-06	5.77E-06	2.55E-07	6.15E-06	1.36E-06	1.81E-06	2.88E-06	5.07E-07	3.03E-06	1.60E-05
336	489238.17	3859721.48	2.65E-02	2.65E-02	2.78E-02	9.18E-06	2.77E-05	1.61E-05	1.61E-05	1.46E-05	6.65E-06	6.96E-06	3.07E-07	7.41E-06	1.63E-06	2.18E-06	3.46E-06	6.10E-07	3.65E-06	1.93E-05
337	489288.17	3859721.48	2.56E-02	2.56E-02	2.68E-02	8.86E-06	2.68E-05	1.55E-05	1.55E-05	1.41E-05	6.42E-06	6.72E-06	2.96E-07	7.15E-06	1.58E-06	2.11E-06	3.34E-06	5.89E-07	3.53E-06	1.86E-05
338	489338.17	3859721.48	2.49E-02	2.49E-02	2.61E-02	8.62E-06	2.60E-05	1.51E-05	1.51E-05	1.37E-05	6.24E-06	6.53E-06	2.88E-07	6.95E-06	1.53E-06	2.05E-06	3.25E-06	5.73E-07	3.43E-06	1.81E-05
339	489388.17	3859721.48	2.42E-02	2.42E-02	2.54E-02	8.39E-06	2.53E-05	1.47E-05	1.47E-05	1.33E-05	6.07E-06	6.36E-06	2.80E-07	6.76E-06	1.49E-06	1.99E-06	3.16E-06	5.57E-07	3.34E-06	1.76E-05
340	489438.17	3859721.48	2.36E-02	2.36E-02	2.47E-02	8.17E-06	2.47E-05	1.43E-05	1.43E-05	1.30E-05	5.92E-06	6.19E-06	2.73E-07	6.59E-06	1.45E-06	1.94E-06	3.08E-06	5.43E-07	3.25E-06	1.71E-05
341	489488.17	3859721.48	2.29E-02	2.29E-02	2.40E-02	7.94E-06	2.40E-05	1.39E-05	1.39E-05	1.26E-05	5.75E-06	6.01E-06	2.65E-07	6.40E-06	1.41E-06	1.89E-06	2.99E-06	5.28E-07	3.16E-06	1.66E-05
342	489538.17	3859721.48	2.23E-02	2.23E-02	2.33E-02	7.72E-06	2.33E-05	1.35E-05	1.35E-05	1.23E-05	5.59E-06	5.85E-06	2.58E-07	6.23E-06	1.37E-06	1.84E-06	2.91E-06	5.13E-07	3.07E-06	1.62E-05
343	489588.17	3859721.48	2.17E-02	2.17E-02	2.27E-02	7.52E-06	2.27E-05	1.31E-05	1.32E-05	1.19E-05	5.45E-06	5.70E-06	2.51E-07	6.07E-06	1.34E-06	1.79E-06	2.84E-06	5.00E-07	2.99E-06	1.58E-05
344	489238.17	3859771.48	2.61E-02	2.62E-02	2.74E-02	9.05E-06	2.73E-05	1.58E-05	1.58E-05	1.44E-05	6.56E-06	6.87E-06	3.02E-07	7.30E-06	1.61E-06	2.15E-06	3.41E-06	6.02E-07	3.60E-06	1.90E-05
345	489288.17	3859771.48	2.52E-02	2.53E-02	2.65E-02	8.75E-06	2.64E-05	1.53E-05	1.53E-05	1.39E-05	6.34E-06	6.63E-06	2.92E-07	7.06E-06	1.56E-06	2.08E-06	3.30E-06	5.81E-07	3.48E-06	1.83E-05
346	489338.17	3859771.48	2.46E-02	2.46E-02	2.58E-02	8.53E-06	2.57E-05	1.49E-05	1.49E-05	1.35E-05	6.18E-06	6.47E-06	2.85E-07	6.88E-06	1.52E-06	2.03E-06	3.22E-06	5.67E-07	3.39E-06	1.79E-05
347	489388.17	3859771.48	2.40E-02	2.40E-02	2.51E-02	8.30E-06	2.51E-05	1.45E-05	1.45E-05	1.32E-05	6.01E-06	6.29E-06	2.77E-07	6.70E-06	1.48E-06	1.97E-06	3.13E-06	5.52E-07	3.30E-06	1.74E-05
348	489438.17	3859771.48	2.34E-02	2.34E-02	2.45E-02	8.10E-06	2.45E-05	1.42E-05	1.42E-05	1.29E-05	5.86E-06	6.14E-06	2.70E-07	6.53E-06	1.44E-06	1.93E-06	3.05E-06	5.38E-07	3.22E-06	1.70E-05
349	489488.17	3859771.48	2.27E-02	2.27E-02	2.38E-02	7.86E-06	2.37E-05	1.37E-05	1.38E-05	1.25E-05	5.69E-06	5.95E-06	2.62E-07	6.34E-06	1.40E-06	1.87E-06	2.96E-06	5.22E-07	3.12E-06	1.65E-05
350	489538.17	3859771.48	2.20E-02	2.21E-02	2.31E-02	7.64E-06	2.31E-05	1.33E-05	1.34E-05	1.21E-05	5.53E-06	5.79E-06	2.55E-07	6.16E-06	1.36E-06	1.82E-06	2.88E-06	5.08E-07	3.04E-06	1.60E-05
351	489588.17	3859771.48	2.15E-02	2.15E-02	2.25E-02	7.45E-06	2.25E-05	1.30E-05	1.31E-05	1.18E-05	5.40E-06	5.65E-06	2.49E-07	6.01E-06	1.33E-06	1.77E-06	2.81E-06	4.95E-07	2.96E-06	1.56E-05
352	489238.17	3859821.48	2.61E-02	2.61E-02	2.74E-02	9.04E-06	2.73E-05	1.58E-05	1.58E-05	1.43E-05	6.55E-06	6.86E-06	3.02E-07	7.29E-06	1.61E-06	2.15E-06	3.41E-06	6.01E-07	3.60E-06	1.90E-05
353	489288.17	3859821.48	2.52E-02	2.52E-02	2.64E-02	8.74E-06	2.64E-05	1.53E-05	1.53E-05	1.39E-05	6.33E-06	6.63E-06	2.92E-07	7.05E-06	1.55E-06	2.08E-06	3.29E-06	5.81E-07	3.48E-06	1.83E-05
354	489338.17	3859821.48	2.45E-02	2.46E-02	2.57E-02	8.51E-06	2.57E-05	1.49E-05	1.49E-05	1.35E-05	6.16E-06	6.45E-06	2.84E-07	6.86E-06	1.51E-06	2.02E-06	3.21E-06	5.65E-07	3.39E-06	1.78E-05
355	489388.17	3859821.48	2.39E-02	2.39E-02	2.51E-02	8.28E-06	2.50E-05	1.45E-05	1.45E-05	1.31E-05	6.00E-06	6.28E-06	2.77E-07	6.68E-06	1.47E-06	1.97E-06	3.12E-06	5.50E-07	3.30E-06	1.74E-05
356	489438.17	3859821.48	2.32E-02	2.32E-02	2.43E-02	8.04E-06	2.43E-05	1.41E-05	1.41E-05	1.28E-05	5.82E-06	6.10E-06	2.69E-07	6.49E-06	1.43E-06	1.91E-06	3.03E-06	5.35E-07	3.20E-06	1.69E-05
357	489488.17	3859821.48	2.25E-02	2.26E-02	2.36E-02	7.81E-06	2.36E-05	1.37E-05	1.37E-05	1.24E-05	5.66E-06	5.92E-06	2.61E-07	6.30E-06	1.39E-06	1.86E-06	2.95E-06	5.19E-07	3.11E-06	1.64E-05
358	489538.17	3859821.48	2.19E-02	2.19E-02	2.30E-02	7.59E-06	2.29E-05	1.33E-05	1.33E-05	1.21E-05	5.50E-06	5.75E-06	2.54E-07	6.12E-06	1.35E-06	1.80E-06	2.86E-06	5.05E-07	3.02E-06	1.59E-05
359	489588.17	3859821.48	2.14E-02	2.14E-02	2.24E-02	7.41E-06	2.24E-05	1.29E-05	1.30E-05	1.18E-05	5.37E-06	5.61E-06	2.47E-07	5.97E-06	1.32E-06	1.76E-06	2.79E-06	4.92E-07	2.94E-06	1.55E-05
360	489238.17	3859871.48	2.64E-02	2.64E-02	2.77E-02	9.13E-06	2.76E-05	1.60E-05	1.60E-05	1.45E-05	6.61E-06	6.93E-06	3.05E-07	7.37E-06	1.63E-06	2.17E-06	3.44E-06	6.07E-07	3.64E-06	1.92E-05
361	489288.17	3859871.48	2.56E-02	2.56E-02	2.68E-02	8.87E-06	2.68E-05	1.55E-05	1.55E-05	1.41E-05	6.42E-06	6.73E-06	2.96E-07	7.15E-06	1.58E-06	2.11E-06	3.34E-06	5.89E-07	3.53E-06	1.86E-05
362	489338.17	3859871.48	2.47E-02	2.48E-02	2.59E-02	8.57E-06	2.59E-05	1.50E-05	1.50E-05	1.36E-05	6.20E-06	6.50E-06	2.86E-07	6.91E-06	1.53E-06	2.04E-06	3.23E-06	5.69E-07	3.41E-06	1.80E-05
363	489388.17	3859871.48	2.40E-02	2.40E-02	2.51E-02	8.31E-06	2.51E-05	1.45E-05	1.45E-05	1.32E-05	6.02E-06	6.30E-06	2.77E-07	6.70E-06	1.48E-06	1.97E-06	3.13E-06	5.52E-07	3.31E-06	1.74E-05
364	489438.17	3859871.48	2.32E-02	2.32E-02	2.43E-02	8.03E-06	2.42E-05	1.40E-05	1.41E-05	1.27E-05	5.82E-06	6.09E-06	2.68E-07	6.48E-06	1.43E-06	1.91E-06	3.03E-06	5.34E-07	3.20E-06	1.68E-05

365	489488.17	3859871.48	2.23E-02	2.24E-02	2.34E-02	7.74E-06	2.34E-05	1.35E-05	1.36E-05	1.23E-05	5.61E-06	5.87E-06	2.59E-07	6.25E-06	1.38E-06	1.84E-06	2.92E-06	5.15E-07	3.08E-06	1.62E-05
366	489538.17	3859871.48	2.18E-02	2.19E-02	2.29E-02	7.57E-06	2.28E-05	1.32E-05	1.32E-05	1.20E-05	5.48E-06	5.73E-06	2.53E-07	6.10E-06	1.35E-06	1.80E-06	2.85E-06	5.03E-07	3.01E-06	1.59E-05
367	489588.17	3859871.48	2.13E-02	2.13E-02	2.23E-02	7.37E-06	2.22E-05	1.29E-05	1.29E-05	1.17E-05	5.34E-06	5.58E-06	2.46E-07	5.94E-06	1.31E-06	1.75E-06	2.78E-06	4.90E-07	2.93E-06	1.55E-05
368	489238.17	3859921.48	2.69E-02	2.69E-02	2.82E-02	9.32E-06	2.81E-05	1.63E-05	1.63E-05	1.48E-05	6.74E-06	7.07E-06	3.11E-07	7.51E-06	1.66E-06	2.21E-06	3.51E-06	6.19E-07	3.71E-06	1.95E-05
369	489288.17	3859921.48	2.58E-02	2.58E-02	2.71E-02	8.94E-06	2.70E-05	1.56E-05	1.56E-05	1.42E-05	6.47E-06	6.78E-06	2.99E-07	7.21E-06	1.59E-06	2.12E-06	3.37E-06	5.94E-07	3.56E-06	1.88E-05
370	489338.17	3859921.48	2.50E-02	2.50E-02	2.62E-02	8.65E-06	2.61E-05	1.51E-05	1.51E-05	1.37E-05	6.26E-06	6.56E-06	2.89E-07	6.98E-06	1.54E-06	2.06E-06	3.26E-06	5.75E-07	3.44E-06	1.81E-05
371	489388.17	3859921.48	2.41E-02	2.41E-02	2.53E-02	8.35E-06	2.52E-05	1.46E-05	1.46E-05	1.32E-05	6.04E-06	6.33E-06	2.79E-07	6.73E-06	1.49E-06	1.98E-06	3.15E-06	5.55E-07	3.32E-06	1.75E-05
372	489438.17	3859921.48	2.31E-02	2.32E-02	2.42E-02	8.01E-06	2.42E-05	1.40E-05	1.40E-05	1.27E-05	5.80E-06	6.08E-06	2.68E-07	6.46E-06	1.43E-06	1.90E-06	3.02E-06	5.32E-07	3.19E-06	1.68E-05
373	489488.17	3859921.48	2.24E-02	2.24E-02	2.35E-02	7.76E-06	2.34E-05	1.36E-05	1.36E-05	1.23E-05	5.62E-06	5.88E-06	2.59E-07	6.26E-06	1.38E-06	1.84E-06	2.93E-06	5.16E-07	3.09E-06	1.63E-05
374	489538.17	3859921.48	2.18E-02	2.18E-02	2.29E-02	7.55E-06	2.28E-05	1.32E-05	1.32E-05	1.20E-05	5.47E-06	5.73E-06	2.52E-07	6.09E-06	1.34E-06	1.80E-06	2.85E-06	5.02E-07	3.01E-06	1.58E-05
375	489588.17	3859921.48	2.11E-02	2.11E-02	2.21E-02	7.31E-06	2.21E-05	1.28E-05	1.28E-05	1.16E-05	5.30E-06	5.54E-06	2.44E-07	5.90E-06	1.30E-06	1.74E-06	2.76E-06	4.86E-07	2.91E-06	1.53E-05
376	489238.17	3859971.48	2.74E-02	2.74E-02	2.88E-02	9.50E-06	2.87E-05	1.66E-05	1.66E-05	1.51E-05	6.88E-06	7.21E-06	3.17E-07	7.66E-06	1.69E-06	2.26E-06	3.58E-06	6.31E-07	3.78E-06	1.99E-05
377	489288.17	3859971.48	2.64E-02	2.64E-02	2.77E-02	9.13E-06	2.76E-05	1.60E-05	1.60E-05	1.45E-05	6.61E-06	6.93E-06	3.05E-07	7.37E-06	1.63E-06	2.17E-06	3.44E-06	6.07E-07	3.64E-06	1.92E-05
378	489338.17	3859971.48	2.53E-02	2.54E-02	2.66E-02	8.78E-06	2.65E-05	1.53E-05	1.54E-05	1.39E-05	6.36E-06	6.66E-06	2.93E-07	7.08E-06	1.56E-06	2.09E-06	3.31E-06	5.83E-07	3.50E-06	1.84E-05
379	489388.17	3859971.48	2.43E-02	2.43E-02	2.54E-02	8.40E-06	2.54E-05	1.47E-05	1.47E-05	1.33E-05	6.09E-06	6.38E-06	2.81E-07	6.78E-06	1.50E-06	2.00E-06	3.17E-06	5.59E-07	3.35E-06	1.76E-05
380	489438.17	3859971.48	2.31E-02	2.31E-02	2.42E-02	8.00E-06	2.41E-05	1.40E-05	1.40E-05	1.27E-05	5.79E-06	6.06E-06	2.67E-07	6.45E-06	1.42E-06	1.90E-06	3.02E-06	5.31E-07	3.18E-06	1.68E-05
381	489488.17	3859971.48	2.18E-02	2.18E-02	2.28E-02	7.54E-06	2.28E-05	1.32E-05	1.32E-05	1.20E-05	5.46E-06	5.72E-06	2.52E-07	6.08E-06	1.34E-06	1.79E-06	2.84E-06	5.01E-07	3.00E-06	1.58E-05
382	489538.17	3859971.48	2.08E-02	2.08E-02	2.18E-02	7.21E-06	2.18E-05	1.26E-05	1.26E-05	1.14E-05	5.22E-06	5.46E-06	2.41E-07	5.81E-06	1.28E-06	1.71E-06	2.72E-06	4.79E-07	2.87E-06	1.51E-05
383	489588.17	3859971.48	2.00E-02	2.00E-02	2.10E-02	6.93E-06	2.09E-05	1.21E-05	1.21E-05	1.10E-05	5.02E-06	5.25E-06	2.32E-07	5.59E-06	1.23E-06	1.65E-06	2.62E-06	4.61E-07	2.76E-06	1.45E-05
384	483577.7	3854071	1.26E-03	1.32E-03	1.10E-03	4.36E-07	1.32E-06	7.62E-07	8.01E-07	7.26E-07	3.31E-07	2.74E-07	1.46E-08	3.52E-07	7.76E-08	1.09E-07	1.73E-07	3.04E-08	1.44E-07	8.99E-07
385	483627.7	3854071	1.26E-03	1.33E-03	1.09E-03	4.37E-07	1.32E-06	7.63E-07	8.04E-07	7.28E-07	3.32E-07	2.73E-07	1.46E-08	3.52E-07	7.77E-08	1.09E-07	1.73E-07	3.05E-08	1.43E-07	9.00E-07
386	483677.7	3854071	1.25E-03	1.32E-03	1.07E-03	4.35E-07	1.31E-06	7.60E-07	8.02E-07	7.27E-07	3.32E-07	2.69E-07	1.45E-08	3.51E-07	7.74E-08	1.09E-07	1.73E-07	3.04E-08	1.41E-07	8.96E-07
387	483727.7	3854071	1.25E-03	1.32E-03	1.06E-03	4.32E-07	1.30E-06	7.55E-07	7.98E-07	7.23E-07	3.30E-07	2.66E-07	1.44E-08	3.48E-07	7.69E-08	1.08E-07	1.72E-07	3.03E-08	1.39E-07	8.89E-07
388	483777.7	3854071	1.22E-03	1.29E-03	1.03E-03	4.24E-07	1.28E-06	7.41E-07	7.84E-07	7.11E-07	3.24E-07	2.58E-07	1.41E-08	3.42E-07	7.54E-08	1.06E-07	1.69E-07	2.98E-08	1.36E-07	8.72E-07
389	483577.7	3854121	1.29E-03	1.35E-03	1.13E-03	4.47E-07	1.35E-06	7.81E-07	8.20E-07	7.44E-07	3.39E-07	2.82E-07	1.49E-08	3.60E-07	7.95E-08	1.11E-07	1.77E-07	3.11E-08	1.48E-07	9.22E-07
390	483627.7	3854121	1.28E-03	1.35E-03	1.11E-03	4.45E-07	1.34E-06	7.77E-07	8.18E-07	7.42E-07	3.38E-07	2.78E-07	1.48E-08	3.59E-07	7.91E-08	1.11E-07	1.76E-07	3.11E-08	1.46E-07	9.17E-07
391	483677.7	3854121	1.27E-03	1.34E-03	1.08E-03	4.39E-07	1.33E-06	7.68E-07	8.11E-07	7.35E-07	3.35E-07	2.72E-07	1.47E-08	3.54E-07	7.82E-08	1.10E-07	1.75E-07	3.08E-08	1.43E-07	9.05E-07
392	483727.7	3854121	1.25E-03	1.32E-03	1.06E-03	4.33E-07	1.31E-06	7.57E-07	8.01E-07	7.26E-07	3.31E-07	2.65E-07	1.45E-08	3.49E-07	7.71E-08	1.09E-07	1.72E-07	3.04E-08	1.39E-07	8.91E-07
393	483777.7	3854121	1.24E-03	1.32E-03	1.04E-03	4.31E-07	1.30E-06	7.54E-07	7.99E-07	7.24E-07	3.30E-07	2.62E-07	1.44E-08	3.48E-07	7.67E-08	1.08E-07	1.72E-07	3.03E-08	1.37E-07	8.87E-07
394	483577.7	3854171	1.30E-03	1.36E-03	1.13E-03	4.50E-07	1.36E-06	7.86E-07	8.26E-07	7.49E-07	3.42E-07	2.84E-07	1.50E-08	3.63E-07	8.01E-08	1.12E-07	1.78E-07	3.14E-08	1.49E-07	9.29E-07
395	483627.7	3854171	1.28E-03	1.35E-03	1.10E-03	4.43E-07	1.34E-06	7.75E-07	8.16E-07	7.40E-07	3.38E-07	2.77E-07	1.48E-08	3.58E-07	7.89E-08	1.11E-07	1.76E-07	3.10E-08	1.45E-07	9.14E-07
396	483677.7	3854171	1.27E-03	1.34E-03	1.09E-03	4.41E-07	1.33E-06	7.70E-07	8.13E-07	7.37E-07	3.36E-07	2.72E-07	1.47E-08	3.55E-07	7.84E-08	1.10E-07	1.75E-07	3.09E-08	1.43E-07	9.08E-07
397	483727.7	3854171	1.27E-03	1.34E-03	1.07E-03	4.40E-07	1.33E-06	7.69E-07	8.13E-07	7.37E-07	3.36E-07	2.69E-07	1.47E-08	3.55E-07	7.83E-08	1.10E-07	1.75E-07	3.09E-08	1.41E-07	9.05E-07
398	483777.7	3854171	1.26E-03	1.34E-03	1.06E-03	4.37E-07	1.32E-06	7.64E-07	8.10E-07	7.35E-07	3.35E-07	2.65E-07	1.46E-08	3.53E-07	7.78E-08	1.10E-07	1.75E-07	3.08E-08	1.39E-07	8.99E-07
399	483827.7	3854171	1.24E-03	1.31E-03	1.03E-03	4.29E-07	1.29E-06	7.49E-07	7.96E-07	7.22E-07	3.29E-07	2.57E-07	1.43E-08	3.46E-07	7.63E-08	1.08E-07	1.71E-07	3.02E-08	1.35E-07	8.81E-07
400	483877.7	3854171	1.22E-03	1.30E-03	1.01E-03	4.24E-07	1.28E-06	7.42E-07	7.89E-07	7.15E-07	3.26E-07	2.53E-07	1.42E-08	3.42E-07	7.55E-08	1.07E-07	1.70E-07	2.99E-08	1.33E-07	8.72E-07
401	483727.7	3854221	1.29E-03	1.36E-03	1.09E-03	4.47E-07	1.35E-06	7.81E-07	8.26E-07	7.49E-07	3.42E-07	2.74E-07	1.49E-08	3.60E-07	7.95E-08	1.12E-07	1.78E-07	3.14E-08	1.44E-07	9.20E-07
402	483777.7	3854221	1.28E-03	1.36E-03	1.08E-03	4.45E-07	1.34E-06	7.77E-07	8.24E-07	7.47E-07	3.41E-07	2.70E-07	1.48E-08	3.59E-07	7.91E-08	1.12E-07	1.77E-07	3.13E-08	1.41E-07	9.15E-07
403	483827.7	3854221	1.30E-03	1.38E-03	1.08E-03	4.49E-07	1.36E-06	7.85E-07	8.33E-07	7.55E-07	3.45E-07	2.70E-07	1.50E-08	3.62E-07	7.99E-08	1.13E-07	1.79E-07	3.16E-08	1.42E-07	9.23E-07
404	483877.7	3854221	1.28E-03	1.36E-03	1.06E-03	4.43E-07	1.34E-06	7.74E-07	8.23E-07	7.46E-07	3.40E-07	2.65E-07	1.48E-08	3.57E-07	7.88E-08	1.12E-07	1.77E-07	3.12E-08	1.39E-07	9.10E-07
405	489150.19	3858726.45	2.01E-02	2.01E-02	2.09E-02	6.95E-06	2.10E-05	1.22E-05	1.22E-05	1.11E-05	5.05E-06	5.24E-06	2.32E-07	5.61E-06	1.24E-06	1.66E-06	2.63E-06	4.63E-07	2.75E-06	1.46E-05
406	489200.19	3858726.45	1.97E-02	1.98E-02	2.05E-02	6.82E-06	2.06E-05	1.19E-05	1.20E-05	1.09E-05	4.95E-06	5.14E-06	2.28E-07	5.50E-06	1.21E-06	1.63E-06	2.58E-06	4.54E-07	2.70E-06	1.43E-05
407	489150.19	3858776.45	2.17E-02	2.18E-02	2.26E-02	7.52E-06	2.27E-05	1.32E-05	1.32E-05	1.20E-05	5.46E-06	5.67E-06	2.51E-07	6.07E-06	1.34E-06	1.79E-06	2.84E-06	5.01E-07	2.98E-06	1.58E-05
408	489200.19	3858776.45	2.11E-02	2.12E-02	2.20E-02	7.33E-06	2.21E-05	1.28E-05	1.28E-05	1.16E-05	5.31E-06	5.52E-06	2.45E-07	5.91E-06	1.30E-06	1.74E-06	2.77E-06	4.88E-07	2.90E-06	1.54E-05
409	488919.6	3856400.76	7.74E-03	8.21E-03	6.48E-03	2.68E-06	8.10E-06	4.69E-06	4.98E-06	4.51E-06	2.06E-06	1.62E-06	8.96E-08	2.16E-06	4.78E-07	6.76E-07	1.07E-06	1.89E-07	8.52E-07	5.52E-06
410	488919.6	3856450.76	7.89E-03	8.37E-03	6.62E-03	2.73E-06	8.26E-06	4.78E-06	5.07E-06	4.59E-06	2.10E-06	1.66E-06	9.13E-08	2.21E-06	4.87E-07	6.88E-07	1.09E-06	1.92E-07	8.71E-07	5.63E-06
411	488969.6	3856450.76	7.78E-03	8.24E-03	6.54E-03	2.69E-06	8.14E-06	4.71E-06	4.99E-06	4.53E-06	2.06E-06	1.64E-06	9.00E-08	2.17E-06	4.80E-07	6.78E-07	1.08E-06	1.89E-07	8.60E-07	5.55E-06
412	488919.6	3856500.76	8.03E-03	8.51E-03	6.76E-03	2.78E-06	8.41E-06	4.87E-06	5.16E-06	4.67E-06	2.13E-06	1.69E-06	9.30E-08	2.25E-06	4.96E-07	7.00E-07	1.11E-06	1.96E-07	8.89E-07	5.73E-06
413	488969.6	3856500.76	7.92E-03	8.39E-03	6.69E-03	2.75E-06	8.29E-06	4.80E-06	5.08E-06	4.61E-06	2.10E-06	1.68E-06	9.17E-08	2.21E-06	4.89E-07	6.90E-07	1.09E-06	1.93E-07	8.79E-07	5.65E-06
414	488919.6	3856550.76	8.18E-03	8.66E-03	6.91E-03	2.83E-06	8.56E-06	4.95E-06	5.25E-06	4.75E-06	2.17E-06	1.73E-06	9.46E-08	2.29E-06	5.04E-07	7.12E-07	1.13E-06	1.99E-07	9.08E-07	5.83E-06
415	488969.6	3856550.76	8.06E-03	8.53E-03	6.82E-03	2.79E-06	8.43E-06	4.88E-06	5.16E-06	4.68E-06	2.14E-06	1.71E-06	9.32E-08	2.25E-06	4.97E-07	7.01E-07	1.11E-06	1.96E-07	8.97E-07	5.75E-06
416	488819.6	3856600.76	8.55E-03	9.06E-03	7.21E-03	2.96E-06	8.95E-06	5.18E-06	5.49E-06	4.97E-06	2.27E-06	1.81E-06	9.89E-08	2.39E-06	5.27E-07	7.45E-07	1.18E-06	2.08E-07	9.48E-07	6.10E-06
417	488869.6	3856600.76	8.42E-03	8.91E-03	7.12E-03	2.92E-06	8.81E-06	5.10E-06	5.40E-06	4.89E-06	2.23E-06	1.78E-06	9.74E-08	2.35E-06	5.19E-07	7.33E-07	1.16E-06	2.05E-07	9.36E-07	6.01E-06

418	488919.6	3856600.76	8.30E-03	8.78E-03	7.04E-03	2.88E-06	8.69E-06	5.03E-06	5.32E-06	4.82E-06	2.20E-06	1.76E-06	9.61E-08	2.32E-06	5.12E-07	7.22E-07	1.15E-06	2.02E-07	9.25E-07	5.92E-06
419	488819.6	3856650.76	8.67E-03	9.18E-03	7.34E-03	3.01E-06	9.07E-06	5.25E-06	5.56E-06	5.04E-06	2.30E-06	1.84E-06	1.00E-07	2.42E-06	5.35E-07	7.55E-07	1.20E-06	2.11E-07	9.66E-07	6.19E-06
420	488869.6	3856650.76	8.54E-03	9.03E-03	7.25E-03	2.96E-06	8.93E-06	5.17E-06	5.47E-06	4.96E-06	2.26E-06	1.82E-06	9.88E-08	2.39E-06	5.27E-07	7.43E-07	1.18E-06	2.08E-07	9.53E-07	6.09E-06
421	488819.6	3856700.76	8.79E-03	9.29E-03	7.47E-03	3.04E-06	9.19E-06	5.32E-06	5.63E-06	5.10E-06	2.33E-06	1.87E-06	1.02E-07	2.46E-06	5.42E-07	7.64E-07	1.21E-06	2.14E-07	9.83E-07	6.27E-06
422	488869.6	3856700.76	8.65E-03	9.14E-03	7.37E-03	3.00E-06	9.05E-06	5.24E-06	5.53E-06	5.02E-06	2.29E-06	1.85E-06	1.00E-07	2.42E-06	5.33E-07	7.51E-07	1.19E-06	2.10E-07	9.70E-07	6.17E-06
423	488819.6	3856750.76	8.88E-03	9.38E-03	7.59E-03	3.08E-06	9.29E-06	5.38E-06	5.68E-06	5.15E-06	2.35E-06	1.90E-06	1.03E-07	2.48E-06	5.48E-07	7.71E-07	1.22E-06	2.16E-07	9.98E-07	6.34E-06
424	488869.6	3856750.76	8.75E-03	9.23E-03	7.50E-03	3.03E-06	9.16E-06	5.30E-06	5.59E-06	5.07E-06	2.31E-06	1.88E-06	1.01E-07	2.45E-06	5.40E-07	7.59E-07	1.20E-06	2.12E-07	9.86E-07	6.25E-06
425	488819.6	3857050.76	9.35E-03	9.78E-03	8.32E-03	3.24E-06	9.78E-06	5.66E-06	5.92E-06	5.37E-06	2.45E-06	2.09E-06	1.08E-07	2.61E-06	5.77E-07	8.04E-07	1.28E-06	2.25E-07	1.09E-06	6.70E-06
426	488869.6	3857050.76	9.26E-03	9.68E-03	8.27E-03	3.21E-06	9.69E-06	5.61E-06	5.86E-06	5.32E-06	2.43E-06	2.07E-06	1.07E-07	2.59E-06	5.71E-07	7.96E-07	1.26E-06	2.23E-07	1.09E-06	6.64E-06
427	488919.6	3857050.76	9.18E-03	9.58E-03	8.21E-03	3.18E-06	9.60E-06	5.56E-06	5.81E-06	5.26E-06	2.40E-06	2.06E-06	1.06E-07	2.57E-06	5.66E-07	7.88E-07	1.25E-06	2.20E-07	1.08E-06	6.58E-06
428	488819.6	3857100.76	9.44E-03	9.85E-03	8.47E-03	3.27E-06	9.87E-06	5.72E-06	5.97E-06	5.41E-06	2.47E-06	2.12E-06	1.09E-07	2.64E-06	5.82E-07	8.10E-07	1.28E-06	2.26E-07	1.11E-06	6.76E-06
429	488869.6	3857100.76	9.35E-03	9.75E-03	8.41E-03	3.24E-06	9.79E-06	5.67E-06	5.91E-06	5.36E-06	2.44E-06	2.11E-06	1.08E-07	2.61E-06	5.77E-07	8.02E-07	1.27E-06	2.24E-07	1.11E-06	6.71E-06
430	488919.6	3857100.76	9.28E-03	9.68E-03	8.38E-03	3.22E-06	9.71E-06	5.62E-06	5.86E-06	5.31E-06	2.42E-06	2.10E-06	1.07E-07	2.60E-06	5.73E-07	7.96E-07	1.26E-06	2.22E-07	1.10E-06	6.66E-06
431	488819.6	3857150.76	9.54E-03	9.93E-03	8.63E-03	3.31E-06	9.98E-06	5.78E-06	6.02E-06	5.45E-06	2.49E-06	2.16E-06	1.10E-07	2.67E-06	5.88E-07	8.17E-07	1.30E-06	2.28E-07	1.14E-06	6.84E-06
432	488869.6	3857150.76	9.47E-03	9.86E-03	8.59E-03	3.28E-06	9.91E-06	5.74E-06	5.97E-06	5.41E-06	2.47E-06	2.15E-06	1.10E-07	2.65E-06	5.84E-07	8.11E-07	1.29E-06	2.27E-07	1.13E-06	6.80E-06
433	488919.6	3857150.76	9.40E-03	9.78E-03	8.55E-03	3.26E-06	9.84E-06	5.70E-06	5.92E-06	5.37E-06	2.45E-06	2.14E-06	1.09E-07	2.63E-06	5.80E-07	8.04E-07	1.28E-06	2.25E-07	1.12E-06	6.75E-06
434	488969.6	3857150.76	9.34E-03	9.71E-03	8.51E-03	3.24E-06	9.77E-06	5.66E-06	5.88E-06	5.33E-06	2.43E-06	2.13E-06	1.08E-07	2.61E-06	5.76E-07	7.98E-07	1.27E-06	2.23E-07	1.12E-06	6.70E-06
435	488819.6	3857200.76	9.67E-03	1.00E-02	8.82E-03	3.35E-06	1.01E-05	5.85E-06	6.08E-06	5.51E-06	2.52E-06	2.21E-06	1.12E-07	2.70E-06	5.96E-07	8.26E-07	1.31E-06	2.31E-07	1.16E-06	6.94E-06
436	488869.6	3857200.76	9.61E-03	9.98E-03	8.80E-03	3.33E-06	1.01E-05	5.82E-06	6.05E-06	5.48E-06	2.50E-06	2.20E-06	1.11E-07	2.69E-06	5.93E-07	8.21E-07	1.30E-06	2.30E-07	1.16E-06	6.90E-06
437	488919.6	3857200.76	9.56E-03	9.92E-03	8.76E-03	3.31E-06	1.00E-05	5.79E-06	6.01E-06	5.45E-06	2.48E-06	2.20E-06	1.11E-07	2.67E-06	5.90E-07	8.16E-07	1.29E-06	2.28E-07	1.15E-06	6.86E-06
438	488969.6	3857200.76	9.49E-03	9.85E-03	8.72E-03	3.29E-06	9.94E-06	5.75E-06	5.97E-06	5.41E-06	2.47E-06	2.19E-06	1.10E-07	2.65E-06	5.86E-07	8.10E-07	1.28E-06	2.26E-07	1.15E-06	6.82E-06
439	488819.6	3857250.76	9.82E-03	1.02E-02	9.04E-03	3.40E-06	1.03E-05	5.95E-06	6.17E-06	5.59E-06	2.55E-06	2.27E-06	1.14E-07	2.74E-06	6.06E-07	8.37E-07	1.33E-06	2.34E-07	1.19E-06	7.05E-06
440	488869.6	3857250.76	9.78E-03	1.01E-02	9.02E-03	3.39E-06	1.02E-05	5.92E-06	6.14E-06	5.56E-06	2.54E-06	2.26E-06	1.13E-07	2.73E-06	6.03E-07	8.33E-07	1.32E-06	2.33E-07	1.19E-06	7.02E-06
441	488919.6	3857250.76	9.73E-03	1.01E-02	9.00E-03	3.37E-06	1.02E-05	5.90E-06	6.11E-06	5.53E-06	2.53E-06	2.26E-06	1.13E-07	2.72E-06	6.00E-07	8.29E-07	1.32E-06	2.32E-07	1.18E-06	6.99E-06
442	488969.6	3857250.76	9.69E-03	1.00E-02	8.98E-03	3.36E-06	1.01E-05	5.87E-06	6.07E-06	5.51E-06	2.51E-06	2.25E-06	1.12E-07	2.71E-06	5.98E-07	8.25E-07	1.31E-06	2.31E-07	1.18E-06	6.96E-06
443	488819.6	3857300.76	1.00E-02	1.04E-02	9.31E-03	3.47E-06	1.05E-05	6.07E-06	6.28E-06	5.69E-06	2.60E-06	2.33E-06	1.16E-07	2.80E-06	6.18E-07	8.52E-07	1.35E-06	2.38E-07	1.22E-06	7.20E-06
444	488869.6	3857300.76	9.99E-03	1.03E-02	9.30E-03	3.46E-06	1.05E-05	6.05E-06	6.26E-06	5.67E-06	2.59E-06	2.33E-06	1.16E-07	2.79E-06	6.16E-07	8.50E-07	1.35E-06	2.38E-07	1.22E-06	7.18E-06
445	488919.6	3857300.76	9.97E-03	1.03E-02	9.30E-03	3.45E-06	1.04E-05	6.04E-06	6.24E-06	5.65E-06	2.58E-06	2.33E-06	1.15E-07	2.79E-06	6.15E-07	8.47E-07	1.34E-06	2.37E-07	1.22E-06	7.17E-06
446	488819.6	3857450.76	1.11E-02	1.13E-02	1.05E-02	3.83E-06	1.16E-05	6.70E-06	6.87E-06	6.23E-06	2.84E-06	2.64E-06	1.28E-07	3.09E-06	6.82E-07	9.33E-07	1.48E-06	2.61E-07	1.39E-06	7.96E-06
447	488869.6	3857450.76	1.11E-02	1.14E-02	1.06E-02	3.84E-06	1.16E-05	6.71E-06	6.88E-06	6.24E-06	2.85E-06	2.65E-06	1.28E-07	3.10E-06	6.83E-07	9.34E-07	1.48E-06	2.61E-07	1.39E-06	7.98E-06
448	488919.6	3857450.76	1.11E-02	1.14E-02	1.06E-02	3.85E-06	1.16E-05	6.72E-06	6.89E-06	6.25E-06	2.85E-06	2.66E-06	1.28E-07	3.10E-06	6.85E-07	9.36E-07	1.49E-06	2.62E-07	1.40E-06	7.99E-06
449	488819.6	3857500.76	1.16E-02	1.19E-02	1.12E-02	4.03E-06	1.22E-05	7.04E-06	7.21E-06	6.53E-06	2.98E-06	2.80E-06	1.35E-07	3.25E-06	7.17E-07	9.78E-07	1.55E-06	2.74E-07	1.47E-06	8.37E-06
450	488869.6	3857500.76	1.17E-02	1.19E-02	1.12E-02	4.04E-06	1.22E-05	7.07E-06	7.23E-06	6.55E-06	2.99E-06	2.81E-06	1.35E-07	3.26E-06	7.20E-07	9.81E-07	1.56E-06	2.74E-07	1.48E-06	8.40E-06
451	488919.6	3857500.76	1.17E-02	1.19E-02	1.12E-02	4.05E-06	1.22E-05	7.08E-06	7.24E-06	6.56E-06	2.99E-06	2.82E-06	1.35E-07	3.27E-06	7.21E-07	9.82E-07	1.56E-06	2.75E-07	1.48E-06	8.42E-06
452	488819.6	3857550.76	1.24E-02	1.26E-02	1.20E-02	4.28E-06	1.29E-05	7.49E-06	7.64E-06	6.93E-06	3.16E-06	3.00E-06	1.43E-07	3.46E-06	7.63E-07	1.04E-06	1.65E-06	2.90E-07	1.57E-06	8.91E-06
453	488869.6	3857550.76	1.24E-02	1.26E-02	1.20E-02	4.29E-06	1.30E-05	7.50E-06	7.65E-06	6.94E-06	3.17E-06	3.01E-06	1.43E-07	3.46E-06	7.64E-07	1.04E-06	1.65E-06	2.91E-07	1.58E-06	8.92E-06
454	488919.6	3857550.76	1.24E-02	1.26E-02	1.20E-02	4.29E-06	1.29E-05	7.49E-06	7.65E-06	6.93E-06	3.16E-06	3.01E-06	1.43E-07	3.46E-06	7.63E-07	1.04E-06	1.65E-06	2.90E-07	1.58E-06	8.92E-06
455	489663.71	3860900.05	9.23E-03	9.26E-03	9.66E-03	3.20E-06	9.66E-06	5.59E-06	5.61E-06	5.08E-06	2.32E-06	2.42E-06	1.07E-07	2.58E-06	5.69E-07	7.61E-07	1.21E-06	2.13E-07	1.27E-06	6.71E-06
456	489813.71	3860900.05	9.00E-03	9.03E-03	9.42E-03	3.12E-06	9.42E-06	5.45E-06	5.47E-06	4.96E-06	2.26E-06	2.36E-06	1.04E-07	2.52E-06	5.55E-07	7.43E-07	1.18E-06	2.08E-07	1.24E-06	6.54E-06
457	489863.71	3860900.05	8.91E-03	8.93E-03	9.31E-03	3.09E-06	9.32E-06	5.39E-06	5.41E-06	4.90E-06	2.24E-06	2.33E-06	1.03E-07	2.49E-06	5.49E-07	7.34E-07	1.17E-06	2.05E-07	1.22E-06	6.47E-06
458	489913.71	3860900.05	8.84E-03	8.86E-03	9.24E-03	3.06E-06	9.25E-06	5.35E-06	5.37E-06	4.87E-06	2.22E-06	2.32E-06	1.02E-07	2.47E-06	5.45E-07	7.29E-07	1.16E-06	2.04E-07	1.21E-06	6.42E-06
459	489963.71	3860900.05	8.74E-03	8.76E-03	9.13E-03	3.03E-06	9.14E-06	5.29E-06	5.31E-06	4.81E-06	2.19E-06	2.29E-06	1.01E-07	2.44E-06	5.39E-07	7.20E-07	1.14E-06	2.01E-07	1.20E-06	6.35E-06
460	490013.71	3860900.05	8.66E-03	8.69E-03	9.06E-03	3.00E-06	9.07E-06	5.25E-06	5.26E-06	4.77E-06	2.18E-06	2.27E-06	1.00E-07	2.42E-06	5.34E-07	7.15E-07	1.13E-06	2.00E-07	1.19E-06	6.29E-06
461	490063.71	3860900.05	8.57E-03	8.60E-03	8.96E-03	2.97E-06	8.97E-06	5.19E-06	5.21E-06	4.72E-06	2.15E-06	2.24E-06	9.92E-08	2.40E-06	5.29E-07	7.07E-07	1.12E-06	1.98E-07	1.18E-06	6.23E-06
462	489663.71	3860950.05	8.41E-03	8.43E-03	8.79E-03	2.91E-06	8.80E-06	5.09E-06	5.11E-06	4.63E-06	2.11E-06	2.20E-06	9.73E-08	2.35E-06	5.19E-07	6.94E-07	1.10E-06	1.94E-07	1.16E-06	6.11E-06
463	489813.71	3860950.05	8.25E-03	8.28E-03	8.62E-03	2.86E-06	8.64E-06	5.00E-06	5.01E-06	4.54E-06	2.07E-06	2.16E-06	9.55E-08	2.31E-06	5.09E-07	6.81E-07	1.08E-06	1.90E-07	1.13E-06	6.00E-06
464	489863.71	3860950.05	8.18E-03	8.20E-03	8.54E-03	2.83E-06	8.56E-06	4.95E-06	4.97E-06	4.50E-06	2.05E-06	2.14E-06	9.46E-08	2.29E-06	5.04E-07	6.74E-07	1.07E-06	1.89E-07	1.12E-06	5.94E-06
465	489913.71	3860950.05	8.13E-03	8.15E-03	8.49E-03	2.82E-06	8.50E-06	4.92E-06	4.94E-06	4.48E-06	2.04E-06	2.13E-06	9.41E-08	2.27E-06	5.01E-07	6.70E-07	1.06E-06	1.87E-07	1.12E-06	5.91E-06
466	489963.71	3860950.05	8.06E-03	8.08E-03	8.42E-03	2.79E-06	8.43E-06	4.88E-06	4.90E-06	4.44E-06	2.03E-06	2.11E-06	9.33E-08	2.25E-06	4.97E-07	6.65E-07	1.05E-06	1.86E-07	1.11E-06	5.86E-06
467	490013.71	3860950.05	8.00E-03	8.02E-03	8.36E-03	2.77E-06	8.37E-06	4.85E-06	4.86E-06	4.41E-06	2.01E-06	2.09E-06	9.26E-08	2.24E-06	4.93E-07	6.60E-07	1.05E-06	1.84E-07	1.10E-06	5.81E-06
468	490063.71	3860950.05	7.94E-03	7.96E-03	8.29E-03	2.75E-06	8.31E-06	4.81E-06	4.82E-06	4.37E-06	2.00E-06	2.08E-06	9.19E-08	2.22E-06	4.90E-07	6.55E-07	1.04E-06	1.83E-07	1.09E-06	5.77E-06
469	489513.71	3861000.05	7.81E-03	7.83E-03	8.16E-03	2.71E-06	8.17E-06	4.73E-06	4.75E-06	4.30E-06	1.96E-06	2.05E-06	9.04E-08	2.18E-06	4.82E-07	6.44E-07	1.02E-06	1.80E-07	1.07E-06	5.68E-06
470	489563.71	3861000.05	7.78E-03	7.80E-03	8.12E-03	2.69E-06	8.14E-06	4.71E-06	4.72E-06	4.28E-06	1.95E-06	2.04E-06	9.00E-08	2.17E-06	4.80E-07	6.41E-07	1.02E-06	1.79E-07	1.07E-06	5.65E-06

471	489613.71	3861000.05	7.75E-03	7.77E-03	8.09E-03	2.69E-06	8.11E-06	4.69E-06	4.71E-06	4.27E-06	1.95E-06	2.03E-06	8.97E-08	2.17E-06	4.78E-07	6.39E-07	1.01E-06	1.79E-07	1.06E-06	5.63E-06
472	489663.71	3861000.05	7.71E-03	7.73E-03	8.05E-03	2.67E-06	8.07E-06	4.67E-06	4.68E-06	4.25E-06	1.94E-06	2.02E-06	8.92E-08	2.16E-06	4.76E-07	6.36E-07	1.01E-06	1.78E-07	1.06E-06	5.60E-06
473	489713.71	3861000.05	7.66E-03	7.69E-03	8.00E-03	2.66E-06	8.02E-06	4.64E-06	4.66E-06	4.22E-06	1.93E-06	2.01E-06	8.87E-08	2.14E-06	4.73E-07	6.32E-07	1.00E-06	1.77E-07	1.05E-06	5.57E-06
474	489763.71	3861000.05	7.62E-03	7.64E-03	7.96E-03	2.64E-06	7.98E-06	4.62E-06	4.63E-06	4.20E-06	1.92E-06	1.99E-06	8.82E-08	2.13E-06	4.70E-07	6.29E-07	9.97E-07	1.76E-07	1.05E-06	5.54E-06
475	489813.71	3861000.05	7.60E-03	7.62E-03	7.93E-03	2.63E-06	7.95E-06	4.60E-06	4.62E-06	4.18E-06	1.91E-06	1.99E-06	8.79E-08	2.12E-06	4.69E-07	6.27E-07	9.94E-07	1.75E-07	1.04E-06	5.52E-06
476	489863.71	3861000.05	7.54E-03	7.56E-03	7.87E-03	2.61E-06	7.89E-06	4.57E-06	4.58E-06	4.15E-06	1.89E-06	1.97E-06	8.73E-08	2.11E-06	4.65E-07	6.22E-07	9.87E-07	1.74E-07	1.04E-06	5.48E-06
477	489913.71	3861000.05	7.51E-03	7.53E-03	7.84E-03	2.60E-06	7.85E-06	4.55E-06	4.56E-06	4.13E-06	1.89E-06	1.96E-06	8.69E-08	2.10E-06	4.63E-07	6.19E-07	9.82E-07	1.73E-07	1.03E-06	5.45E-06
478	489963.71	3861000.05	7.45E-03	7.47E-03	7.78E-03	2.58E-06	7.80E-06	4.51E-06	4.53E-06	4.10E-06	1.87E-06	1.95E-06	8.62E-08	2.08E-06	4.60E-07	6.15E-07	9.75E-07	1.72E-07	1.02E-06	5.41E-06
479	490013.71	3861000.05	7.41E-03	7.43E-03	7.73E-03	2.57E-06	7.75E-06	4.49E-06	4.50E-06	4.08E-06	1.86E-06	1.94E-06	8.57E-08	2.07E-06	4.57E-07	6.11E-07	9.70E-07	1.71E-07	1.02E-06	5.38E-06
480	490063.71	3861000.05	7.36E-03	7.39E-03	7.68E-03	2.55E-06	7.70E-06	4.46E-06	4.47E-06	4.06E-06	1.85E-06	1.93E-06	8.52E-08	2.06E-06	4.54E-07	6.07E-07	9.64E-07	1.70E-07	1.01E-06	5.35E-06
481	489513.71	3861050.05	7.18E-03	7.20E-03	7.50E-03	2.49E-06	7.51E-06	4.35E-06	4.36E-06	3.95E-06	1.80E-06	1.88E-06	8.31E-08	2.01E-06	4.43E-07	5.92E-07	9.40E-07	1.66E-07	9.86E-07	5.22E-06
482	489563.71	3861050.05	7.15E-03	7.18E-03	7.47E-03	2.48E-06	7.48E-06	4.33E-06	4.35E-06	3.94E-06	1.80E-06	1.87E-06	8.28E-08	2.00E-06	4.41E-07	5.90E-07	9.36E-07	1.65E-07	9.82E-07	5.20E-06
483	489613.71	3861050.05	7.15E-03	7.17E-03	7.46E-03	2.48E-06	7.48E-06	4.33E-06	4.34E-06	3.94E-06	1.80E-06	1.87E-06	8.27E-08	2.00E-06	4.41E-07	5.90E-07	9.35E-07	1.65E-07	9.81E-07	5.19E-06
484	489663.71	3861050.05	7.10E-03	7.13E-03	7.42E-03	2.46E-06	7.43E-06	4.30E-06	4.32E-06	3.91E-06	1.79E-06	1.86E-06	8.22E-08	1.99E-06	4.38E-07	5.86E-07	9.30E-07	1.64E-07	9.75E-07	5.16E-06
485	489713.71	3861050.05	7.07E-03	7.09E-03	7.38E-03	2.45E-06	7.39E-06	4.28E-06	4.29E-06	3.89E-06	1.78E-06	1.85E-06	8.18E-08	1.98E-06	4.36E-07	5.83E-07	9.25E-07	1.63E-07	9.70E-07	5.13E-06
486	489763.71	3861050.05	7.04E-03	7.06E-03	7.35E-03	2.44E-06	7.36E-06	4.26E-06	4.28E-06	3.88E-06	1.77E-06	1.84E-06	8.14E-08	1.97E-06	4.34E-07	5.81E-07	9.21E-07	1.62E-07	9.66E-07	5.11E-06
487	489813.71	3861050.05	7.01E-03	7.04E-03	7.32E-03	2.43E-06	7.34E-06	4.25E-06	4.26E-06	3.86E-06	1.76E-06	1.83E-06	8.12E-08	1.96E-06	4.33E-07	5.79E-07	9.18E-07	1.62E-07	9.62E-07	5.09E-06
488	489863.71	3861050.05	6.98E-03	7.00E-03	7.28E-03	2.42E-06	7.30E-06	4.23E-06	4.24E-06	3.84E-06	1.75E-06	1.82E-06	8.07E-08	1.95E-06	4.30E-07	5.76E-07	9.13E-07	1.61E-07	9.57E-07	5.07E-06
489	489913.71	3861050.05	6.94E-03	6.97E-03	7.24E-03	2.41E-06	7.27E-06	4.21E-06	4.22E-06	3.83E-06	1.75E-06	1.82E-06	8.04E-08	1.94E-06	4.28E-07	5.73E-07	9.09E-07	1.60E-07	9.53E-07	5.04E-06
490	489963.71	3861050.05	6.91E-03	6.93E-03	7.21E-03	2.39E-06	7.23E-06	4.18E-06	4.20E-06	3.81E-06	1.74E-06	1.81E-06	7.99E-08	1.93E-06	4.26E-07	5.70E-07	9.04E-07	1.59E-07	9.48E-07	5.02E-06
491	490013.71	3861050.05	6.88E-03	6.91E-03	7.18E-03	2.39E-06	7.20E-06	4.17E-06	4.18E-06	3.79E-06	1.73E-06	1.80E-06	7.97E-08	1.92E-06	4.25E-07	5.68E-07	9.01E-07	1.59E-07	9.44E-07	5.00E-06
492	490063.71	3861050.05	6.85E-03	6.87E-03	7.14E-03	2.37E-06	7.17E-06	4.15E-06	4.16E-06	3.77E-06	1.72E-06	1.79E-06	7.92E-08	1.91E-06	4.22E-07	5.65E-07	8.96E-07	1.58E-07	9.39E-07	4.97E-06
493	489513.71	3861100.05	6.65E-03	6.67E-03	6.94E-03	2.30E-06	6.96E-06	4.03E-06	4.04E-06	3.66E-06	1.67E-06	1.74E-06	7.69E-08	1.86E-06	4.10E-07	5.49E-07	8.70E-07	1.53E-07	9.12E-07	4.83E-06
494	489563.71	3861100.05	6.61E-03	6.63E-03	6.90E-03	2.29E-06	6.92E-06	4.00E-06	4.02E-06	3.64E-06	1.66E-06	1.73E-06	7.65E-08	1.85E-06	4.08E-07	5.46E-07	8.65E-07	1.53E-07	9.07E-07	4.80E-06
495	489613.71	3861100.05	6.57E-03	6.59E-03	6.85E-03	2.28E-06	6.88E-06	3.98E-06	3.99E-06	3.62E-06	1.65E-06	1.72E-06	7.60E-08	1.84E-06	4.05E-07	5.42E-07	8.60E-07	1.52E-07	9.01E-07	4.77E-06
496	489663.71	3861100.05	6.55E-03	6.58E-03	6.84E-03	2.27E-06	6.86E-06	3.97E-06	3.98E-06	3.61E-06	1.65E-06	1.71E-06	7.59E-08	1.83E-06	4.04E-07	5.41E-07	8.58E-07	1.51E-07	8.99E-07	4.76E-06
497	489713.71	3861100.05	6.54E-03	6.56E-03	6.82E-03	2.27E-06	6.84E-06	3.96E-06	3.97E-06	3.60E-06	1.64E-06	1.71E-06	7.57E-08	1.83E-06	4.03E-07	5.39E-07	8.56E-07	1.51E-07	8.97E-07	4.75E-06
498	489763.71	3861100.05	6.52E-03	6.54E-03	6.80E-03	2.26E-06	6.82E-06	3.95E-06	3.96E-06	3.59E-06	1.64E-06	1.70E-06	7.54E-08	1.82E-06	4.02E-07	5.38E-07	8.53E-07	1.50E-07	8.94E-07	4.73E-06
499	489813.71	3861100.05	6.50E-03	6.52E-03	6.78E-03	2.25E-06	6.80E-06	3.94E-06	3.95E-06	3.58E-06	1.63E-06	1.70E-06	7.52E-08	1.82E-06	4.01E-07	5.36E-07	8.51E-07	1.50E-07	8.91E-07	4.72E-06
500	489863.71	3861100.05	6.49E-03	6.51E-03	6.76E-03	2.25E-06	6.79E-06	3.93E-06	3.94E-06	3.57E-06	1.63E-06	1.69E-06	7.51E-08	1.81E-06	4.00E-07	5.35E-07	8.49E-07	1.50E-07	8.90E-07	4.71E-06
501	489913.71	3861100.05	6.45E-03	6.47E-03	6.73E-03	2.24E-06	6.75E-06	3.91E-06	3.92E-06	3.55E-06	1.62E-06	1.69E-06	7.47E-08	1.80E-06	3.98E-07	5.32E-07	8.45E-07	1.49E-07	8.85E-07	4.69E-06
502	489963.71	3861100.05	6.43E-03	6.45E-03	6.70E-03	2.23E-06	6.72E-06	3.89E-06	3.91E-06	3.54E-06	1.62E-06	1.68E-06	7.44E-08	1.80E-06	3.96E-07	5.30E-07	8.41E-07	1.48E-07	8.81E-07	4.67E-06
503	490013.71	3861100.05	6.39E-03	6.42E-03	6.67E-03	2.22E-06	6.69E-06	3.87E-06	3.89E-06	3.52E-06	1.61E-06	1.67E-06	7.40E-08	1.79E-06	3.94E-07	5.28E-07	8.37E-07	1.48E-07	8.77E-07	4.65E-06
504	490063.71	3861100.05	6.37E-03	6.39E-03	6.64E-03	2.21E-06	6.67E-06	3.86E-06	3.87E-06	3.51E-06	1.60E-06	1.66E-06	7.37E-08	1.78E-06	3.93E-07	5.26E-07	8.34E-07	1.47E-07	8.73E-07	4.63E-06
505	489713.71	3861150.05	6.08E-03	6.10E-03	6.33E-03	2.11E-06	6.36E-06	3.68E-06	3.69E-06	3.35E-06	1.53E-06	1.59E-06	7.03E-08	1.70E-06	3.75E-07	5.02E-07	7.96E-07	1.40E-07	8.33E-07	4.41E-06
506	489763.71	3861150.05	6.07E-03	6.09E-03	6.32E-03	2.10E-06	6.35E-06	3.67E-06	3.69E-06	3.34E-06	1.53E-06	1.58E-06	7.02E-08	1.70E-06	3.74E-07	5.01E-07	7.94E-07	1.40E-07	8.31E-07	4.41E-06
507	489813.71	3861150.05	6.05E-03	6.08E-03	6.31E-03	2.10E-06	6.33E-06	3.67E-06	3.68E-06	3.34E-06	1.52E-06	1.58E-06	7.01E-08	1.69E-06	3.73E-07	5.00E-07	7.93E-07	1.40E-07	8.30E-07	4.40E-06
508	489863.71	3861150.05	6.04E-03	6.06E-03	6.29E-03	2.09E-06	6.32E-06	3.66E-06	3.67E-06	3.33E-06	1.52E-06	1.58E-06	6.99E-08	1.69E-06	3.72E-07	4.98E-07	7.90E-07	1.39E-07	8.27E-07	4.38E-06
509	489913.71	3861150.05	6.01E-03	6.04E-03	6.27E-03	2.08E-06	6.29E-06	3.64E-06	3.66E-06	3.31E-06	1.51E-06	1.57E-06	6.96E-08	1.68E-06	3.71E-07	4.96E-07	7.87E-07	1.39E-07	8.24E-07	4.37E-06
510	489963.71	3861150.05	5.99E-03	6.01E-03	6.24E-03	2.08E-06	6.27E-06	3.63E-06	3.64E-06	3.30E-06	1.51E-06	1.56E-06	6.93E-08	1.67E-06	3.69E-07	4.94E-07	7.84E-07	1.38E-07	8.21E-07	4.35E-06
511	490013.71	3861150.05	5.96E-03	5.99E-03	6.21E-03	2.07E-06	6.24E-06	3.61E-06	3.63E-06	3.29E-06	1.50E-06	1.56E-06	6.90E-08	1.67E-06	3.68E-07	4.92E-07	7.81E-07	1.38E-07	8.17E-07	4.33E-06
512	490063.71	3861150.05	5.95E-03	5.97E-03	6.20E-03	2.06E-06	6.23E-06	3.60E-06	3.62E-06	3.28E-06	1.50E-06	1.55E-06	6.89E-08	1.66E-06	3.67E-07	4.91E-07	7.79E-07	1.37E-07	8.15E-07	4.32E-06
513	489613.71	3861200.05	5.68E-03	5.70E-03	5.91E-03	1.97E-06	5.94E-06	3.44E-06	3.45E-06	3.13E-06	1.43E-06	1.48E-06	6.57E-08	1.59E-06	3.50E-07	4.69E-07	7.43E-07	1.31E-07	7.78E-07	4.12E-06
514	489663.71	3861200.05	5.68E-03	5.70E-03	5.91E-03	1.97E-06	5.94E-06	3.44E-06	3.45E-06	3.13E-06	1.43E-06	1.48E-06	6.57E-08	1.59E-06	3.50E-07	4.69E-07	7.43E-07	1.31E-07	7.78E-07	4.12E-06
515	489713.71	3861200.05	5.67E-03	5.69E-03	5.91E-03	1.97E-06	5.94E-06	3.44E-06	3.45E-06	3.13E-06	1.43E-06	1.48E-06	6.56E-08	1.59E-06	3.50E-07	4.68E-07	7.43E-07	1.31E-07	7.77E-07	4.12E-06
516	489763.71	3861200.05	5.67E-03	5.69E-03	5.90E-03	1.96E-06	5.93E-06	3.43E-06	3.44E-06	3.12E-06	1.42E-06	1.48E-06	6.56E-08	1.58E-06	3.49E-07	4.68E-07	7.42E-07	1.31E-07	7.76E-07	4.12E-06
517	489813.71	3861200.05	5.66E-03	5.68E-03	5.89E-03	1.96E-06	5.92E-06	3.43E-06	3.44E-06	3.12E-06	1.42E-06	1.48E-06	6.55E-08	1.58E-06	3.49E-07	4.67E-07	7.41E-07	1.31E-07	7.75E-07	4.11E-06
518	489863.71	3861200.05	5.65E-03	5.67E-03	5.89E-03	1.96E-06	5.91E-06	3.42E-06	3.44E-06	3.12E-06	1.42E-06	1.47E-06	6.54E-08	1.58E-06	3.49E-07	4.67E-07	7.40E-07	1.30E-07	7.74E-07	4.11E-06
519	489913.71	3861200.05	5.63E-03	5.65E-03	5.87E-03	1.95E-06	5.89E-06	3.41E-06	3.43E-06	3.11E-06	1.42E-06	1.47E-06	6.52E-08	1.57E-06	3.47E-07	4.65E-07	7.38E-07	1.30E-07	7.71E-07	4.09E-06
520	489963.71	3861200.05	5.61E-03	5.63E-03	5.84E-03	1.94E-06	5.87E-06	3.40E-06	3.41E-06	3.09E-06	1.41E-06	1.46E-06	6.49E-08	1.57E-06	3.46E-07	4.63E-07	7.35E-07	1.29E-07	7.68E-07	4.07E-06
521	490013.71	3861200.05	5.59E-03	5.62E-03	5.82E-03	1.94E-06	5.85E-06	3.39E-06	3.40E-06	3.08E-06	1.41E-06	1.46E-06	6.47E-08	1.56E-06	3.45E-07	4.62E-07	7.33E-07	1.29E-07	7.66E-07	4.06E-06
522	490063.71	3861200.05	5.57E-03	5.60E-03	5.80E-03	1.93E-06	5.83E-06	3.38E-06	3.39E-06	3.07E-06	1.40E-06	1.45E-06	6.45E-08	1.56E-06	3.44E-07	4.60E-07	7.30E-07	1.29E-07	7.63E-07	4.05E-06
523	489513.71	3861250.05	5.30E-03	5.32E-03	5.52E-03	1.84E-06	5.55E-06	3.21E-06	3.22E-06	2.92E-06	1.33E-06	1.38E-06	6.13E-08	1.48E-06	3.27E-07	4.38E-07	6.94E-07	1.22E-07	7.26E-07	3.85E-06

524	489563.71	3861250.05	5.31E-03	5.33E-03	5.53E-03	1.84E-06	5.56E-06	3.22E-06	3.23E-06	2.93E-06	1.34E-06	1.39E-06	6.15E-08	1.49E-06	3.28E-07	4.39E-07	6.96E-07	1.23E-07	7.27E-07	3.86E-06
525	489613.71	3861250.05	5.32E-03	5.34E-03	5.54E-03	1.84E-06	5.57E-06	3.22E-06	3.23E-06	2.93E-06	1.34E-06	1.39E-06	6.15E-08	1.49E-06	3.28E-07	4.39E-07	6.97E-07	1.23E-07	7.28E-07	3.86E-06
526	489663.71	3861250.05	5.32E-03	5.34E-03	5.53E-03	1.84E-06	5.56E-06	3.22E-06	3.23E-06	2.93E-06	1.34E-06	1.39E-06	6.15E-08	1.49E-06	3.28E-07	4.39E-07	6.96E-07	1.23E-07	7.28E-07	3.86E-06
527	489713.71	3861250.05	5.32E-03	5.34E-03	5.53E-03	1.84E-06	5.56E-06	3.22E-06	3.23E-06	2.93E-06	1.34E-06	1.39E-06	6.15E-08	1.49E-06	3.28E-07	4.39E-07	6.96E-07	1.23E-07	7.28E-07	3.86E-06
528	489763.71	3861250.05	5.31E-03	5.33E-03	5.53E-03	1.84E-06	5.56E-06	3.22E-06	3.23E-06	2.93E-06	1.34E-06	1.39E-06	6.15E-08	1.48E-06	3.28E-07	4.39E-07	6.96E-07	1.23E-07	7.27E-07	3.86E-06
529	489813.71	3861250.05	5.31E-03	5.33E-03	5.52E-03	1.84E-06	5.55E-06	3.21E-06	3.23E-06	2.93E-06	1.33E-06	1.38E-06	6.14E-08	1.48E-06	3.27E-07	4.38E-07	6.95E-07	1.23E-07	7.26E-07	3.85E-06
530	489863.71	3861250.05	5.30E-03	5.32E-03	5.52E-03	1.84E-06	5.55E-06	3.21E-06	3.22E-06	2.92E-06	1.33E-06	1.38E-06	6.13E-08	1.48E-06	3.27E-07	4.38E-07	6.94E-07	1.22E-07	7.25E-07	3.85E-06
531	489913.71	3861250.05	5.29E-03	5.31E-03	5.51E-03	1.83E-06	5.54E-06	3.21E-06	3.22E-06	2.92E-06	1.33E-06	1.38E-06	6.12E-08	1.48E-06	3.26E-07	4.37E-07	6.93E-07	1.22E-07	7.24E-07	3.84E-06
532	489963.71	3861250.05	5.28E-03	5.30E-03	5.49E-03	1.83E-06	5.52E-06	3.20E-06	3.21E-06	2.91E-06	1.33E-06	1.38E-06	6.11E-08	1.48E-06	3.26E-07	4.36E-07	6.91E-07	1.22E-07	7.22E-07	3.83E-06
533	490013.71	3861250.05	5.26E-03	5.28E-03	5.48E-03	1.82E-06	5.51E-06	3.19E-06	3.20E-06	2.90E-06	1.32E-06	1.37E-06	6.09E-08	1.47E-06	3.25E-07	4.35E-07	6.89E-07	1.21E-07	7.20E-07	3.82E-06
534	490063.71	3861250.05	5.24E-03	5.26E-03	5.45E-03	1.82E-06	5.48E-06	3.17E-06	3.19E-06	2.89E-06	1.32E-06	1.37E-06	6.06E-08	1.46E-06	3.23E-07	4.33E-07	6.87E-07	1.21E-07	7.17E-07	3.81E-06
535	489528.13	3861308.47	4.92E-03	4.94E-03	5.12E-03	1.71E-06	5.15E-06	2.98E-06	2.99E-06	2.71E-06	1.24E-06	1.28E-06	5.70E-08	1.38E-06	3.04E-07	4.07E-07	6.45E-07	1.14E-07	6.74E-07	3.58E-06
536	489578.13	3861308.47	4.93E-03	4.95E-03	5.13E-03	1.71E-06	5.16E-06	2.99E-06	3.00E-06	2.72E-06	1.24E-06	1.29E-06	5.71E-08	1.38E-06	3.04E-07	4.07E-07	6.46E-07	1.14E-07	6.75E-07	3.58E-06
537	489628.13	3861308.47	4.94E-03	4.96E-03	5.14E-03	1.71E-06	5.17E-06	2.99E-06	3.00E-06	2.72E-06	1.24E-06	1.29E-06	5.72E-08	1.38E-06	3.05E-07	4.08E-07	6.47E-07	1.14E-07	6.76E-07	3.59E-06
538	489678.13	3861308.47	4.94E-03	4.97E-03	5.14E-03	1.71E-06	5.17E-06	3.00E-06	3.01E-06	2.73E-06	1.24E-06	1.29E-06	5.72E-08	1.38E-06	3.05E-07	4.08E-07	6.48E-07	1.14E-07	6.76E-07	3.59E-06
539	489728.13	3861308.47	4.95E-03	4.97E-03	5.15E-03	1.71E-06	5.18E-06	3.00E-06	3.01E-06	2.73E-06	1.24E-06	1.29E-06	5.73E-08	1.38E-06	3.05E-07	4.09E-07	6.48E-07	1.14E-07	6.77E-07	3.59E-06
540	489778.13	3861308.47	4.94E-03	4.96E-03	5.14E-03	1.71E-06	5.17E-06	2.99E-06	3.01E-06	2.73E-06	1.24E-06	1.29E-06	5.72E-08	1.38E-06	3.05E-07	4.08E-07	6.48E-07	1.14E-07	6.76E-07	3.59E-06
541	489678.13	3861358.47	4.66E-03	4.68E-03	4.85E-03	1.62E-06	4.88E-06	2.82E-06	2.84E-06	2.57E-06	1.17E-06	1.21E-06	5.39E-08	1.30E-06	2.88E-07	3.85E-07	6.11E-07	1.08E-07	6.37E-07	3.38E-06
542	489728.13	3861358.47	4.66E-03	4.68E-03	4.85E-03	1.62E-06	4.88E-06	2.83E-06	2.84E-06	2.57E-06	1.17E-06	1.21E-06	5.40E-08	1.30E-06	2.88E-07	3.85E-07	6.11E-07	1.08E-07	6.38E-07	3.39E-06
543	489528.13	3861408.47	4.38E-03	4.40E-03	4.55E-03	1.52E-06	4.58E-06	2.65E-06	2.66E-06	2.42E-06	1.10E-06	1.14E-06	5.07E-08	1.22E-06	2.70E-07	3.62E-07	5.74E-07	1.01E-07	5.98E-07	3.18E-06
544	489578.13	3861408.47	4.39E-03	4.41E-03	4.56E-03	1.52E-06	4.59E-06	2.66E-06	2.67E-06	2.42E-06	1.10E-06	1.14E-06	5.08E-08	1.23E-06	2.71E-07	3.63E-07	5.75E-07	1.01E-07	6.00E-07	3.19E-06
545	489628.13	3861408.47	4.41E-03	4.43E-03	4.58E-03	1.53E-06	4.61E-06	2.67E-06	2.68E-06	2.43E-06	1.11E-06	1.15E-06	5.10E-08	1.23E-06	2.72E-07	3.64E-07	5.77E-07	1.02E-07	6.02E-07	3.20E-06
546	489678.13	3861408.47	4.41E-03	4.43E-03	4.58E-03	1.53E-06	4.61E-06	2.67E-06	2.68E-06	2.43E-06	1.11E-06	1.15E-06	5.10E-08	1.23E-06	2.72E-07	3.64E-07	5.78E-07	1.02E-07	6.02E-07	3.20E-06
547	489728.13	3861408.47	4.41E-03	4.43E-03	4.58E-03	1.53E-06	4.61E-06	2.67E-06	2.68E-06	2.43E-06	1.11E-06	1.15E-06	5.10E-08	1.23E-06	2.72E-07	3.64E-07	5.78E-07	1.02E-07	6.02E-07	3.20E-06
548	489528.13	3861458.47	4.15E-03	4.17E-03	4.31E-03	1.44E-06	4.35E-06	2.52E-06	2.53E-06	2.29E-06	1.05E-06	1.08E-06	4.81E-08	1.16E-06	2.56E-07	3.43E-07	5.44E-07	9.59E-08	5.67E-07	3.02E-06
549	489578.13	3861458.47	4.16E-03	4.18E-03	4.32E-03	1.44E-06	4.36E-06	2.52E-06	2.53E-06	2.30E-06	1.05E-06	1.08E-06	4.82E-08	1.16E-06	2.57E-07	3.44E-07	5.46E-07	9.62E-08	5.68E-07	3.02E-06
550	489628.13	3861458.47	4.17E-03	4.19E-03	4.33E-03	1.45E-06	4.36E-06	2.53E-06	2.54E-06	2.30E-06	1.05E-06	1.09E-06	4.83E-08	1.17E-06	2.57E-07	3.45E-07	5.47E-07	9.64E-08	5.70E-07	3.03E-06
551	489678.13	3861458.47	4.18E-03	4.20E-03	4.34E-03	1.45E-06	4.37E-06	2.53E-06	2.54E-06	2.30E-06	1.05E-06	1.09E-06	4.83E-08	1.17E-06	2.58E-07	3.45E-07	5.47E-07	9.65E-08	5.70E-07	3.03E-06
552	489728.13	3861458.47	4.17E-03	4.19E-03	4.34E-03	1.45E-06	4.37E-06	2.53E-06	2.54E-06	2.30E-06	1.05E-06	1.09E-06	4.83E-08	1.17E-06	2.57E-07	3.45E-07	5.47E-07	9.64E-08	5.70E-07	3.03E-06
553	489528.13	3861508.47	3.95E-03	3.96E-03	4.10E-03	1.37E-06	4.13E-06	2.39E-06	2.40E-06	2.18E-06	9.93E-07	1.03E-06	4.57E-08	1.10E-06	2.43E-07	3.26E-07	5.17E-07	9.12E-08	5.38E-07	2.86E-06
554	489578.13	3861508.47	3.95E-03	3.97E-03	4.10E-03	1.37E-06	4.14E-06	2.39E-06	2.41E-06	2.18E-06	9.95E-07	1.03E-06	4.57E-08	1.10E-06	2.44E-07	3.27E-07	5.18E-07	9.13E-08	5.39E-07	2.87E-06
555	489628.13	3861508.47	3.96E-03	3.98E-03	4.11E-03	1.37E-06	4.14E-06	2.40E-06	2.41E-06	2.18E-06	9.97E-07	1.03E-06	4.58E-08	1.11E-06	2.44E-07	3.27E-07	5.19E-07	9.15E-08	5.40E-07	2.87E-06
556	489678.13	3861508.47	3.96E-03	3.98E-03	4.11E-03	1.37E-06	4.15E-06	2.40E-06	2.41E-06	2.19E-06	9.97E-07	1.03E-06	4.59E-08	1.11E-06	2.44E-07	3.27E-07	5.19E-07	9.15E-08	5.41E-07	2.88E-06
557	489728.13	3861508.47	3.96E-03	3.98E-03	4.11E-03	1.37E-06	4.15E-06	2.40E-06	2.41E-06	2.19E-06	9.98E-07	1.03E-06	4.59E-08	1.11E-06	2.45E-07	3.28E-07	5.20E-07	9.16E-08	5.41E-07	2.88E-06
558	489628.13	3861558.47	3.77E-03	3.79E-03	3.91E-03	1.31E-06	3.95E-06	2.29E-06	2.30E-06	2.08E-06	9.50E-07	9.80E-07	4.37E-08	1.05E-06	2.33E-07	3.12E-07	4.95E-07	8.72E-08	5.15E-07	2.74E-06
559	489678.13	3861558.47	3.78E-03	3.80E-03	3.92E-03	1.31E-06	3.96E-06	2.29E-06	2.30E-06	2.09E-06	9.52E-07	9.83E-07	4.38E-08	1.06E-06	2.33E-07	3.13E-07	4.96E-07	8.74E-08	5.16E-07	2.75E-06
560	489728.13	3861558.47	3.79E-03	3.80E-03	3.93E-03	1.31E-06	3.96E-06	2.29E-06	2.30E-06	2.09E-06	9.53E-07	9.84E-07	4.38E-08	1.06E-06	2.34E-07	3.13E-07	4.96E-07	8.75E-08	5.16E-07	2.75E-06
561	489357.08	3861015.81	7.66E-03	7.68E-03	8.00E-03	2.65E-06	8.02E-06	4.64E-06	4.65E-06	4.22E-06	1.93E-06	2.01E-06	8.87E-08	2.14E-06	4.73E-07	6.32E-07	1.00E-06	1.77E-07	1.05E-06	5.57E-06
562	489407.08	3861015.81	7.63E-03	7.65E-03	7.97E-03	2.64E-06	7.98E-06	4.62E-06	4.64E-06	4.20E-06	1.92E-06	2.00E-06	8.83E-08	2.13E-06	4.71E-07	6.29E-07	9.98E-07	1.76E-07	1.05E-06	5.54E-06
563	489457.08	3861015.81	7.61E-03	7.63E-03	7.95E-03	2.64E-06	7.96E-06	4.61E-06	4.62E-06	4.19E-06	1.91E-06	1.99E-06	8.81E-08	2.13E-06	4.69E-07	6.28E-07	9.96E-07	1.75E-07	1.05E-06	5.53E-06
564	489357.08	3861065.81	7.03E-03	7.05E-03	7.33E-03	2.43E-06	7.35E-06	4.26E-06	4.27E-06	3.87E-06	1.77E-06	1.84E-06	8.13E-08	1.96E-06	4.33E-07	5.80E-07	9.20E-07	1.62E-07	9.64E-07	5.10E-06
565	489407.08	3861065.81	7.00E-03	7.02E-03	7.31E-03	2.43E-06	7.33E-06	4.24E-06	4.26E-06	3.86E-06	1.76E-06	1.83E-06	8.10E-08	1.96E-06	4.32E-07	5.78E-07	9.17E-07	1.62E-07	9.61E-07	5.09E-06
566	489457.08	3861065.81	6.99E-03	7.01E-03	7.30E-03	2.42E-06	7.32E-06	4.23E-06	4.25E-06	3.85E-06	1.76E-06	1.83E-06	8.09E-08	1.95E-06	4.31E-07	5.77E-07	9.15E-07	1.61E-07	9.60E-07	5.08E-06
567	489357.08	3861115.81	6.48E-03	6.50E-03	6.75E-03	2.24E-06	6.78E-06	3.92E-06	3.94E-06	3.57E-06	1.63E-06	1.69E-06	7.49E-08	1.81E-06	3.99E-07	5.34E-07	8.48E-07	1.49E-07	8.88E-07	4.70E-06
568	489407.08	3861115.81	6.47E-03	6.50E-03	6.75E-03	2.24E-06	6.77E-06	3.92E-06	3.94E-06	3.57E-06	1.63E-06	1.69E-06	7.49E-08	1.81E-06	3.99E-07	5.34E-07	8.48E-07	1.49E-07	8.88E-07	4.70E-06
569	489457.08	3861115.81	6.47E-03	6.49E-03	6.75E-03	2.24E-06	6.77E-06	3.92E-06	3.93E-06	3.57E-06	1.63E-06	1.69E-06	7.49E-08	1.81E-06	3.99E-07	5.34E-07	8.47E-07	1.49E-07	8.88E-07	4.70E-06
570	489407.08	3861165.81	6.01E-03	6.04E-03	6.27E-03	2.08E-06	6.29E-06	3.64E-06	3.66E-06	3.31E-06	1.51E-06	1.57E-06	6.96E-08	1.68E-06	3.71E-07	4.96E-07	7.87E-07	1.39E-07	8.24E-07	4.37E-06
571	489457.08	3861165.81	6.00E-03	6.03E-03	6.26E-03	2.08E-06	6.28E-06	3.64E-06	3.65E-06	3.31E-06	1.51E-06	1.57E-06	6.95E-08	1.68E-06	3.70E-07	4.96E-07	7.86E-07	1.39E-07	8.23E-07	4.36E-06
572	489407.08	3861215.81	5.57E-03	5.59E-03	5.80E-03	1.93E-06	5.83E-06	3.37E-06	3.39E-06	3.07E-06	1.40E-06	1.45E-06	6.45E-08	1.56E-06	3.44E-07	4.60E-07	7.29E-07	1.29E-07	7.63E-07	4.05E-06
573	489457.08	3861215.81	5.57E-03	5.59E-03	5.80E-03	1.93E-06	5.83E-06	3.37E-06	3.39E-06	3.07E-06	1.40E-06	1.45E-06	6.44E-08	1.56E-06	3.44E-07	4.60E-07	7.29E-07	1.29E-07	7.63E-07	4.05E-06
574	489407.08	3861265.81	5.18E-03	5.20E-03	5.39E-03	1.79E-06	5.42E-06	3.14E-06	3.15E-06	2.85E-06	1.30E-06	1.35E-06	5.99E-08	1.45E-06	3.19E-07	4.28E-07	6.78E-07	1.20E-07	7.09E-07	3.76E-06
575	489457.08	3861265.81	5.19E-03	5.21E-03	5.40E-03	1.80E-06	5.43E-06	3.14E-06	3.16E-06	2.86E-06	1.31E-06	1.35E-06	6.00E-08	1.45E-06	3.20E-07	4.28E-07	6.80E-07	1.20E-07	7.10E-07	3.77E-06
576	489309.86	3861110.14	6.53E-03	6.55E-03	6.81E-03	2.26E-06	6.83E-06	3.95E-06	3.97E-06	3.60E-06	1.64E-06	1.71E-06	7.55E-08	1.82E-06	4.03E-07	5.39E-07	8.54E-07	1.51E-07	8.95E-07	4.74E-06

577	489407.08	3861315.81	4.86E-03	4.88E-03	5.06E-03	1.68E-06	5.08E-06	2.94E-06	2.96E-06	2.68E-06	1.22E-06	1.27E-06	5.62E-08	1.36E-06	3.00E-07	4.01E-07	6.37E-07	1.12E-07	6.65E-07	3.53E-06
578	489457.08	3861315.81	4.87E-03	4.89E-03	5.07E-03	1.69E-06	5.10E-06	2.95E-06	2.96E-06	2.69E-06	1.23E-06	1.27E-06	5.64E-08	1.36E-06	3.00E-07	4.02E-07	6.38E-07	1.12E-07	6.66E-07	3.54E-06
579	488906.03	3861006.75	7.87E-03	7.89E-03	8.22E-03	2.73E-06	8.23E-06	4.77E-06	4.78E-06	4.33E-06	1.98E-06	2.06E-06	9.10E-08	2.20E-06	4.85E-07	6.49E-07	1.03E-06	1.81E-07	1.08E-06	5.72E-06
580	488956.03	3861006.75	7.91E-03	7.93E-03	8.26E-03	2.74E-06	8.27E-06	4.79E-06	4.80E-06	4.35E-06	1.99E-06	2.07E-06	9.15E-08	2.21E-06	4.88E-07	6.52E-07	1.03E-06	1.82E-07	1.09E-06	5.74E-06
581	488904.24	3861051.87	7.26E-03	7.29E-03	7.59E-03	2.52E-06	7.60E-06	4.40E-06	4.41E-06	4.00E-06	1.83E-06	1.90E-06	8.41E-08	2.03E-06	4.48E-07	5.99E-07	9.51E-07	1.68E-07	9.98E-07	5.28E-06
582	488954.24	3861051.87	7.28E-03	7.30E-03	7.60E-03	2.52E-06	7.61E-06	4.41E-06	4.42E-06	4.01E-06	1.83E-06	1.90E-06	8.42E-08	2.03E-06	4.49E-07	6.00E-07	9.52E-07	1.68E-07	9.99E-07	5.29E-06
583	489004.24	3861051.87	7.30E-03	7.32E-03	7.62E-03	2.53E-06	7.64E-06	4.42E-06	4.43E-06	4.02E-06	1.83E-06	1.91E-06	8.44E-08	2.04E-06	4.50E-07	6.02E-07	9.55E-07	1.68E-07	1.00E-06	5.30E-06
584	488804.24	3861101.87	6.60E-03	6.62E-03	6.89E-03	2.29E-06	6.91E-06	4.00E-06	4.01E-06	3.64E-06	1.66E-06	1.73E-06	7.64E-08	1.84E-06	4.07E-07	5.45E-07	8.64E-07	1.52E-07	9.06E-07	4.79E-06
585	488854.24	3861101.87	6.63E-03	6.65E-03	6.92E-03	2.30E-06	6.94E-06	4.01E-06	4.03E-06	3.65E-06	1.67E-06	1.73E-06	7.67E-08	1.85E-06	4.09E-07	5.47E-07	8.68E-07	1.53E-07	9.09E-07	4.82E-06
586	488904.24	3861101.87	6.58E-03	6.60E-03	6.87E-03	2.28E-06	6.88E-06	3.99E-06	4.00E-06	3.62E-06	1.65E-06	1.72E-06	7.61E-08	1.84E-06	4.06E-07	5.43E-07	8.61E-07	1.52E-07	9.03E-07	4.78E-06
587	488954.24	3861101.87	6.57E-03	6.59E-03	6.85E-03	2.28E-06	6.87E-06	3.98E-06	3.99E-06	3.62E-06	1.65E-06	1.72E-06	7.60E-08	1.84E-06	4.05E-07	5.42E-07	8.59E-07	1.51E-07	9.01E-07	4.77E-06
588	489004.24	3861101.87	6.58E-03	6.60E-03	6.87E-03	2.28E-06	6.89E-06	3.99E-06	4.00E-06	3.63E-06	1.65E-06	1.72E-06	7.62E-08	1.84E-06	4.06E-07	5.43E-07	8.62E-07	1.52E-07	9.03E-07	4.78E-06
589	488804.24	3861151.87	5.97E-03	6.00E-03	6.23E-03	2.07E-06	6.25E-06	3.62E-06	3.63E-06	3.29E-06	1.50E-06	1.56E-06	6.91E-08	1.67E-06	3.69E-07	4.93E-07	7.82E-07	1.38E-07	8.19E-07	4.34E-06
590	488854.24	3861151.87	5.97E-03	5.99E-03	6.23E-03	2.07E-06	6.25E-06	3.62E-06	3.63E-06	3.29E-06	1.50E-06	1.56E-06	6.91E-08	1.67E-06	3.68E-07	4.93E-07	7.82E-07	1.38E-07	8.19E-07	4.34E-06
591	489129.49	3861187.55	5.72E-03	5.74E-03	5.96E-03	1.98E-06	5.99E-06	3.46E-06	3.48E-06	3.15E-06	1.44E-06	1.49E-06	6.62E-08	1.60E-06	3.53E-07	4.72E-07	7.49E-07	1.32E-07	7.84E-07	4.15E-06
592	489179.49	3861187.55	5.73E-03	5.75E-03	5.97E-03	1.99E-06	5.99E-06	3.47E-06	3.48E-06	3.16E-06	1.44E-06	1.50E-06	6.63E-08	1.60E-06	3.53E-07	4.73E-07	7.50E-07	1.32E-07	7.85E-07	4.16E-06
593	488804.24	3861201.87	5.54E-03	5.56E-03	5.78E-03	1.92E-06	5.80E-06	3.36E-06	3.37E-06	3.05E-06	1.39E-06	1.45E-06	6.41E-08	1.55E-06	3.42E-07	4.58E-07	7.26E-07	1.28E-07	7.59E-07	4.03E-06
594	488854.24	3861201.87	5.52E-03	5.54E-03	5.75E-03	1.91E-06	5.77E-06	3.34E-06	3.35E-06	3.04E-06	1.39E-06	1.44E-06	6.39E-08	1.54E-06	3.40E-07	4.55E-07	7.23E-07	1.27E-07	7.56E-07	4.01E-06
595	489129.49	3861237.55	5.34E-03	5.37E-03	5.57E-03	1.85E-06	5.59E-06	3.24E-06	3.25E-06	2.95E-06	1.34E-06	1.39E-06	6.19E-08	1.49E-06	3.30E-07	4.41E-07	7.00E-07	1.23E-07	7.32E-07	3.88E-06
596	489179.49	3861237.55	5.34E-03	5.36E-03	5.56E-03	1.85E-06	5.59E-06	3.23E-06	3.25E-06	2.94E-06	1.34E-06	1.39E-06	6.18E-08	1.49E-06	3.29E-07	4.41E-07	6.99E-07	1.23E-07	7.31E-07	3.88E-06
597	488804.24	3861251.87	5.18E-03	5.20E-03	5.39E-03	1.79E-06	5.42E-06	3.14E-06	3.15E-06	2.85E-06	1.30E-06	1.35E-06	5.99E-08	1.45E-06	3.19E-07	4.27E-07	6.78E-07	1.19E-07	7.09E-07	3.76E-06
598	488854.24	3861251.87	5.15E-03	5.17E-03	5.36E-03	1.78E-06	5.39E-06	3.12E-06	3.13E-06	2.84E-06	1.30E-06	1.34E-06	5.96E-08	1.44E-06	3.18E-07	4.25E-07	6.74E-07	1.19E-07	7.05E-07	3.74E-06
599	488804.24	3861301.87	4.84E-03	4.86E-03	5.03E-03	1.68E-06	5.06E-06	2.93E-06	2.94E-06	2.67E-06	1.22E-06	1.26E-06	5.60E-08	1.35E-06	2.98E-07	3.99E-07	6.34E-07	1.12E-07	6.62E-07	3.51E-06
600	488854.24	3861301.87	4.83E-03	4.85E-03	5.02E-03	1.67E-06	5.05E-06	2.92E-06	2.94E-06	2.66E-06	1.21E-06	1.26E-06	5.59E-08	1.35E-06	2.98E-07	3.99E-07	6.32E-07	1.11E-07	6.60E-07	3.51E-06
601	490943.5	3860181.97	1.14E-02	1.14E-02	1.19E-02	3.94E-06	1.19E-05	6.89E-06	6.91E-06	6.26E-06	2.86E-06	2.98E-06	1.32E-07	3.18E-06	7.02E-07	9.38E-07	1.49E-06	2.62E-07	1.56E-06	8.27E-06
602	490993.5	3860181.97	1.11E-02	1.12E-02	1.16E-02	3.86E-06	1.17E-05	6.75E-06	6.77E-06	6.14E-06	2.80E-06	2.92E-06	1.29E-07	3.12E-06	6.87E-07	9.19E-07	1.46E-06	2.57E-07	1.53E-06	8.10E-06
603	491043.5	3860181.97	1.09E-02	1.10E-02	1.14E-02	3.78E-06	1.14E-05	6.62E-06	6.63E-06	6.01E-06	2.74E-06	2.86E-06	1.26E-07	3.05E-06	6.74E-07	9.01E-07	1.43E-06	2.52E-07	1.50E-06	7.93E-06
604	491093.5	3860181.97	1.07E-02	1.07E-02	1.12E-02	3.71E-06	1.12E-05	6.48E-06	6.50E-06	5.89E-06	2.69E-06	2.80E-06	1.24E-07	2.99E-06	6.60E-07	8.83E-07	1.40E-06	2.47E-07	1.47E-06	7.77E-06
605	490943.5	3860231.97	1.12E-02	1.12E-02	1.17E-02	3.87E-06	1.17E-05	6.76E-06	6.78E-06	6.14E-06	2.80E-06	2.92E-06	1.29E-07	3.12E-06	6.88E-07	9.20E-07	1.46E-06	2.57E-07	1.53E-06	8.11E-06
606	490993.5	3860231.97	1.09E-02	1.10E-02	1.14E-02	3.79E-06	1.14E-05	6.63E-06	6.65E-06	6.02E-06	2.75E-06	2.86E-06	1.27E-07	3.06E-06	6.75E-07	9.02E-07	1.43E-06	2.52E-07	1.50E-06	7.95E-06
607	491043.5	3860231.97	1.07E-02	1.07E-02	1.12E-02	3.71E-06	1.12E-05	6.49E-06	6.51E-06	5.90E-06	2.69E-06	2.80E-06	1.24E-07	2.99E-06	6.61E-07	8.83E-07	1.40E-06	2.47E-07	1.47E-06	7.78E-06
608	491093.5	3860231.97	1.05E-02	1.05E-02	1.10E-02	3.64E-06	1.10E-05	6.36E-06	6.37E-06	5.78E-06	2.64E-06	2.75E-06	1.21E-07	2.93E-06	6.47E-07	8.65E-07	1.37E-06	2.42E-07	1.44E-06	7.62E-06
609	490943.5	3860281.97	1.09E-02	1.09E-02	1.14E-02	3.78E-06	1.14E-05	6.61E-06	6.63E-06	6.01E-06	2.74E-06	2.86E-06	1.26E-07	3.05E-06	6.73E-07	9.00E-07	1.43E-06	2.52E-07	1.50E-06	7.93E-06
610	490993.5	3860281.97	1.07E-02	1.07E-02	1.12E-02	3.71E-06	1.12E-05	6.48E-06	6.50E-06	5.89E-06	2.69E-06	2.80E-06	1.24E-07	2.99E-06	6.60E-07	8.82E-07	1.40E-06	2.47E-07	1.47E-06	7.77E-06
611	491043.5	3860281.97	1.05E-02	1.05E-02	1.09E-02	3.63E-06	1.10E-05	6.35E-06	6.37E-06	5.77E-06	2.63E-06	2.74E-06	1.21E-07	2.93E-06	6.46E-07	8.64E-07	1.37E-06	2.42E-07	1.44E-06	7.61E-06
612	491093.5	3860281.97	1.03E-02	1.03E-02	1.07E-02	3.56E-06	1.07E-05	6.22E-06	6.24E-06	5.65E-06	2.58E-06	2.69E-06	1.19E-07	2.87E-06	6.33E-07	8.47E-07	1.34E-06	2.37E-07	1.41E-06	7.46E-06
613	490943.5	3860331.97	1.06E-02	1.07E-02	1.11E-02	3.69E-06	1.11E-05	6.45E-06	6.46E-06	5.86E-06	2.67E-06	2.79E-06	1.23E-07	2.97E-06	6.56E-07	8.78E-07	1.39E-06	2.45E-07	1.46E-06	7.73E-06
614	490993.5	3860331.97	1.04E-02	1.05E-02	1.09E-02	3.61E-06	1.09E-05	6.31E-06	6.33E-06	5.74E-06	2.62E-06	2.73E-06	1.21E-07	2.91E-06	6.43E-07	8.60E-07	1.36E-06	2.40E-07	1.43E-06	7.57E-06
615	491043.5	3860331.97	1.02E-02	1.02E-02	1.07E-02	3.54E-06	1.07E-05	6.19E-06	6.20E-06	5.62E-06	2.57E-06	2.67E-06	1.18E-07	2.85E-06	6.30E-07	8.42E-07	1.34E-06	2.36E-07	1.40E-06	7.42E-06
616	491093.5	3860331.97	1.00E-02	1.00E-02	1.05E-02	3.47E-06	1.05E-05	6.06E-06	6.08E-06	5.51E-06	2.52E-06	2.62E-06	1.16E-07	2.80E-06	6.18E-07	8.26E-07	1.31E-06	2.31E-07	1.37E-06	7.27E-06
617	490086.72	3859935.12	1.74E-02	1.74E-02	1.82E-02	6.03E-06	1.82E-05	1.05E-05	1.06E-05	9.58E-06	4.37E-06	4.57E-06	2.01E-07	4.86E-06	1.07E-06	1.43E-06	2.28E-06	4.01E-07	2.40E-06	1.26E-05
618	490136.72	3859935.12	1.70E-02	1.71E-02	1.78E-02	5.90E-06	1.78E-05	1.03E-05	1.03E-05	9.37E-06	4.27E-06	4.46E-06	1.97E-07	4.76E-06	1.05E-06	1.40E-06	2.23E-06	3.92E-07	2.34E-06	1.24E-05
619	490186.72	3859935.12	1.66E-02	1.67E-02	1.74E-02	5.77E-06	1.74E-05	1.01E-05	1.01E-05	9.16E-06	4.18E-06	4.37E-06	1.93E-07	4.65E-06	1.03E-06	1.37E-06	2.18E-06	3.84E-07	2.29E-06	1.21E-05
620	490236.72	3859935.12	1.63E-02	1.63E-02	1.70E-02	5.64E-06	1.70E-05	9.87E-06	9.89E-06	8.96E-06	4.09E-06	4.27E-06	1.88E-07	4.55E-06	1.00E-06	1.34E-06	2.13E-06	3.75E-07	2.24E-06	1.18E-05
621	490286.72	3859935.12	1.59E-02	1.60E-02	1.67E-02	5.52E-06	1.67E-05	9.65E-06	9.68E-06	8.77E-06	4.00E-06	4.18E-06	1.84E-07	4.45E-06	9.83E-07	1.31E-06	2.08E-06	3.67E-07	2.19E-06	1.16E-05
622	490336.72	3859935.12	1.56E-02	1.56E-02	1.63E-02	5.40E-06	1.63E-05	9.45E-06	9.47E-06	8.58E-06	3.92E-06	4.09E-06	1.80E-07	4.36E-06	9.62E-07	1.29E-06	2.04E-06	3.59E-07	2.15E-06	1.13E-05
623	490386.72	3859935.12	1.53E-02	1.53E-02	1.60E-02	5.29E-06	1.60E-05	9.24E-06	9.27E-06	8.40E-06	3.83E-06	4.00E-06	1.77E-07	4.27E-06	9.41E-07	1.26E-06	2.00E-06	3.52E-07	2.10E-06	1.11E-05
624	490436.72	3859935.12	1.49E-02	1.50E-02	1.56E-02	5.18E-06	1.56E-05	9.05E-06	9.07E-06	8.22E-06	3.75E-06	3.91E-06	1.73E-07	4.18E-06	9.21E-07	1.23E-06	1.95E-06	3.44E-07	2.05E-06	1.09E-05
625	490486.72	3859935.12	1.46E-02	1.47E-02	1.53E-02	5.07E-06	1.53E-05	8.86E-06	8.88E-06	8.05E-06	3.67E-06	3.83E-06	1.69E-07	4.09E-06	9.02E-07	1.21E-06	1.91E-06	3.37E-07	2.01E-06	1.06E-05
626	490536.72	3859935.12	1.43E-02	1.43E-02	1.50E-02	4.96E-06	1.50E-05	8.67E-06	8.69E-06	7.88E-06	3.59E-06	3.75E-06	1.66E-07	4.00E-06	8.82E-07	1.18E-06	1.87E-06	3.30E-07	1.97E-06	1.04E-05
627	490586.72	3859935.12	1.40E-02	1.40E-02	1.46E-02	4.85E-06	1.46E-05	8.48E-06	8.50E-06	7.71E-06	3.52E-06	3.67E-06	1.62E-07	3.91E-06	8.63E-07	1.15E-06	1.83E-06	3.23E-07	1.92E-06	1.02E-05
628	490636.72	3859935.12	1.37E-02	1.37E-02	1.43E-02	4.75E-06	1.43E-05	8.30E-06	8.32E-06	7.55E-06	3.44E-06	3.59E-06	1.59E-07	3.83E-06	8.45E-07	1.13E-06	1.79E-06	3.16E-07	1.88E-06	9.96E-06
629	490686.72	3859935.12	1.34E-02	1.34E-02	1.40E-02	4.64E-06	1.40E-05	8.11E-06	8.13E-06	7.37E-06	3.36E-06	3.50E-06	1.55E-07	3.74E-06	8.25E-07	1.10E-06	1.75E-06	3.09E-07	1.84E-06	9.72E-06

630	490736.72	3859935.12	1.31E-02	1.31E-02	1.37E-02	4.54E-06	1.37E-05	7.93E-06	7.95E-06	7.21E-06	3.29E-06	3.43E-06	1.52E-07	3.66E-06	8.08E-07	1.08E-06	1.71E-06	3.02E-07	1.80E-06	9.51E-06
631	490086.72	3859985.12	1.74E-02	1.74E-02	1.82E-02	6.03E-06	1.82E-05	1.05E-05	1.06E-05	9.58E-06	4.37E-06	4.57E-06	2.01E-07	4.86E-06	1.07E-06	1.43E-06	2.28E-06	4.01E-07	2.40E-06	1.26E-05
632	490136.72	3859985.12	1.70E-02	1.70E-02	1.78E-02	5.89E-06	1.78E-05	1.03E-05	1.03E-05	9.36E-06	4.27E-06	4.46E-06	1.97E-07	4.75E-06	1.05E-06	1.40E-06	2.22E-06	3.92E-07	2.34E-06	1.24E-05
633	490186.72	3859985.12	1.66E-02	1.67E-02	1.74E-02	5.76E-06	1.74E-05	1.01E-05	1.01E-05	9.15E-06	4.17E-06	4.36E-06	1.92E-07	4.65E-06	1.03E-06	1.37E-06	2.17E-06	3.83E-07	2.29E-06	1.21E-05
634	490236.72	3859985.12	1.62E-02	1.63E-02	1.70E-02	5.63E-06	1.70E-05	9.84E-06	9.86E-06	8.94E-06	4.08E-06	4.26E-06	1.88E-07	4.54E-06	1.00E-06	1.34E-06	2.12E-06	3.74E-07	2.23E-06	1.18E-05
635	490286.72	3859985.12	1.59E-02	1.59E-02	1.66E-02	5.50E-06	1.66E-05	9.62E-06	9.64E-06	8.74E-06	3.99E-06	4.16E-06	1.84E-07	4.44E-06	9.79E-07	1.31E-06	2.08E-06	3.66E-07	2.19E-06	1.15E-05
636	490336.72	3859985.12	1.55E-02	1.56E-02	1.62E-02	5.38E-06	1.62E-05	9.41E-06	9.43E-06	8.55E-06	3.90E-06	4.07E-06	1.80E-07	4.34E-06	9.58E-07	1.28E-06	2.03E-06	3.58E-07	2.14E-06	1.13E-05
637	490386.72	3859985.12	1.52E-02	1.52E-02	1.59E-02	5.26E-06	1.59E-05	9.20E-06	9.22E-06	8.36E-06	3.82E-06	3.98E-06	1.76E-07	4.25E-06	9.37E-07	1.25E-06	1.99E-06	3.50E-07	2.09E-06	1.10E-05
638	490436.72	3859985.12	1.49E-02	1.49E-02	1.55E-02	5.15E-06	1.55E-05	9.00E-06	9.02E-06	8.18E-06	3.73E-06	3.90E-06	1.72E-07	4.15E-06	9.17E-07	1.23E-06	1.94E-06	3.43E-07	2.04E-06	1.08E-05
639	490486.72	3859985.12	1.45E-02	1.46E-02	1.52E-02	5.04E-06	1.52E-05	8.81E-06	8.83E-06	8.00E-06	3.65E-06	3.81E-06	1.68E-07	4.06E-06	8.97E-07	1.20E-06	1.90E-06	3.35E-07	2.00E-06	1.06E-05
640	490536.72	3859985.12	1.42E-02	1.43E-02	1.49E-02	4.93E-06	1.49E-05	8.62E-06	8.64E-06	7.83E-06	3.57E-06	3.73E-06	1.65E-07	3.98E-06	8.77E-07	1.17E-06	1.86E-06	3.28E-07	1.96E-06	1.03E-05
641	490586.72	3859985.12	1.39E-02	1.40E-02	1.46E-02	4.82E-06	1.46E-05	8.43E-06	8.45E-06	7.66E-06	3.50E-06	3.65E-06	1.61E-07	3.89E-06	8.58E-07	1.15E-06	1.82E-06	3.21E-07	1.91E-06	1.01E-05
642	490636.72	3859985.12	1.36E-02	1.37E-02	1.42E-02	4.72E-06	1.42E-05	8.25E-06	8.27E-06	7.50E-06	3.42E-06	3.57E-06	1.58E-07	3.81E-06	8.40E-07	1.12E-06	1.78E-06	3.14E-07	1.87E-06	9.89E-06
643	490686.72	3859985.12	1.33E-02	1.33E-02	1.39E-02	4.61E-06	1.39E-05	8.06E-06	8.08E-06	7.32E-06	3.34E-06	3.48E-06	1.54E-07	3.72E-06	8.20E-07	1.10E-06	1.74E-06	3.07E-07	1.83E-06	9.66E-06
644	490736.72	3859985.12	1.30E-02	1.31E-02	1.36E-02	4.51E-06	1.36E-05	7.89E-06	7.91E-06	7.17E-06	3.27E-06	3.41E-06	1.51E-07	3.64E-06	8.03E-07	1.07E-06	1.70E-06	3.00E-07	1.79E-06	9.46E-06
645	490786.72	3859985.12	1.28E-02	1.28E-02	1.33E-02	4.42E-06	1.34E-05	7.73E-06	7.75E-06	7.03E-06	3.21E-06	3.34E-06	1.48E-07	3.57E-06	7.87E-07	1.05E-06	1.67E-06	2.94E-07	1.75E-06	9.27E-06
646	490086.72	3860035.12	1.74E-02	1.74E-02	1.82E-02	6.03E-06	1.82E-05	1.05E-05	1.06E-05	9.57E-06	4.37E-06	4.57E-06	2.01E-07	4.86E-06	1.07E-06	1.43E-06	2.27E-06	4.01E-07	2.40E-06	1.26E-05
647	490136.72	3860035.12	1.70E-02	1.70E-02	1.78E-02	5.89E-06	1.78E-05	1.03E-05	1.03E-05	9.35E-06	4.26E-06	4.46E-06	1.97E-07	4.75E-06	1.05E-06	1.40E-06	2.22E-06	3.91E-07	2.34E-06	1.23E-05
648	490186.72	3860035.12	1.66E-02	1.66E-02	1.74E-02	5.75E-06	1.73E-05	1.00E-05	1.01E-05	9.12E-06	4.16E-06	4.35E-06	1.92E-07	4.63E-06	1.02E-06	1.37E-06	2.17E-06	3.82E-07	2.28E-06	1.20E-05
649	490236.72	3860035.12	1.62E-02	1.62E-02	1.69E-02	5.61E-06	1.69E-05	9.81E-06	9.83E-06	8.91E-06	4.07E-06	4.25E-06	1.87E-07	4.53E-06	9.99E-07	1.33E-06	2.12E-06	3.73E-07	2.23E-06	1.18E-05
650	490286.72	3860035.12	1.58E-02	1.59E-02	1.66E-02	5.48E-06	1.65E-05	9.58E-06	9.60E-06	8.70E-06	3.97E-06	4.15E-06	1.83E-07	4.42E-06	9.76E-07	1.30E-06	2.07E-06	3.65E-07	2.18E-06	1.15E-05
651	490336.72	3860035.12	1.54E-02	1.55E-02	1.62E-02	5.35E-06	1.62E-05	9.36E-06	9.38E-06	8.50E-06	3.88E-06	4.05E-06	1.79E-07	4.32E-06	9.53E-07	1.27E-06	2.02E-06	3.56E-07	2.13E-06	1.12E-05
652	490386.72	3860035.12	1.51E-02	1.51E-02	1.58E-02	5.23E-06	1.58E-05	9.15E-06	9.17E-06	8.31E-06	3.79E-06	3.96E-06	1.75E-07	4.22E-06	9.32E-07	1.25E-06	1.98E-06	3.48E-07	2.08E-06	1.10E-05
653	490436.72	3860035.12	1.48E-02	1.48E-02	1.54E-02	5.12E-06	1.55E-05	8.94E-06	8.97E-06	8.13E-06	3.71E-06	3.87E-06	1.71E-07	4.13E-06	9.11E-07	1.22E-06	1.93E-06	3.40E-07	2.03E-06	1.07E-05
654	490486.72	3860035.12	1.44E-02	1.45E-02	1.51E-02	5.00E-06	1.51E-05	8.75E-06	8.77E-06	7.95E-06	3.63E-06	3.78E-06	1.67E-07	4.04E-06	8.91E-07	1.19E-06	1.89E-06	3.33E-07	1.99E-06	1.05E-05
655	490536.72	3860035.12	1.41E-02	1.42E-02	1.48E-02	4.89E-06	1.48E-05	8.55E-06	8.57E-06	7.77E-06	3.55E-06	3.70E-06	1.63E-07	3.95E-06	8.71E-07	1.16E-06	1.85E-06	3.25E-07	1.94E-06	1.03E-05
656	490586.72	3860035.12	1.38E-02	1.38E-02	1.44E-02	4.79E-06	1.45E-05	8.37E-06	8.39E-06	7.60E-06	3.47E-06	3.62E-06	1.60E-07	3.86E-06	8.52E-07	1.14E-06	1.81E-06	3.18E-07	1.90E-06	1.00E-05
657	490636.72	3860035.12	1.35E-02	1.35E-02	1.41E-02	4.68E-06	1.41E-05	8.19E-06	8.21E-06	7.44E-06	3.39E-06	3.54E-06	1.56E-07	3.78E-06	8.34E-07	1.11E-06	1.77E-06	3.12E-07	1.86E-06	9.82E-06
658	490686.72	3860035.12	1.32E-02	1.33E-02	1.38E-02	4.58E-06	1.38E-05	8.01E-06	8.03E-06	7.28E-06	3.32E-06	3.46E-06	1.53E-07	3.70E-06	8.16E-07	1.09E-06	1.73E-06	3.05E-07	1.82E-06	9.61E-06
659	490736.72	3860035.12	1.29E-02	1.30E-02	1.35E-02	4.48E-06	1.35E-05	7.83E-06	7.85E-06	7.12E-06	3.25E-06	3.39E-06	1.50E-07	3.62E-06	7.98E-07	1.07E-06	1.69E-06	2.98E-07	1.78E-06	9.40E-06
660	490786.72	3860035.12	1.27E-02	1.27E-02	1.32E-02	4.39E-06	1.33E-05	7.67E-06	7.69E-06	6.97E-06	3.18E-06	3.32E-06	1.47E-07	3.54E-06	7.81E-07	1.04E-06	1.66E-06	2.92E-07	1.74E-06	9.20E-06
661	490836.72	3860035.12	1.24E-02	1.24E-02	1.30E-02	4.30E-06	1.30E-05	7.52E-06	7.54E-06	6.83E-06	3.12E-06	3.25E-06	1.44E-07	3.47E-06	7.66E-07	1.02E-06	1.62E-06	2.86E-07	1.71E-06	9.02E-06
662	490086.72	3860085.12	1.73E-02	1.74E-02	1.81E-02	6.00E-06	1.81E-05	1.05E-05	1.05E-05	9.53E-06	4.35E-06	4.55E-06	2.00E-07	4.84E-06	1.07E-06	1.43E-06	2.26E-06	3.99E-07	2.39E-06	1.26E-05
663	490136.72	3860085.12	1.69E-02	1.70E-02	1.77E-02	5.87E-06	1.77E-05	1.03E-05	1.03E-05	9.33E-06	4.26E-06	4.45E-06	1.96E-07	4.74E-06	1.05E-06	1.40E-06	2.22E-06	3.90E-07	2.33E-06	1.23E-05
664	490186.72	3860085.12	1.65E-02	1.66E-02	1.73E-02	5.72E-06	1.73E-05	1.00E-05	1.00E-05	9.09E-06	4.15E-06	4.33E-06	1.91E-07	4.62E-06	1.02E-06	1.36E-06	2.16E-06	3.81E-07	2.27E-06	1.20E-05
665	490236.72	3860085.12	1.61E-02	1.61E-02	1.69E-02	5.58E-06	1.69E-05	9.76E-06	9.78E-06	8.87E-06	4.05E-06	4.23E-06	1.86E-07	4.50E-06	9.94E-07	1.33E-06	2.11E-06	3.71E-07	2.22E-06	1.17E-05
666	490286.72	3860085.12	1.57E-02	1.58E-02	1.65E-02	5.45E-06	1.65E-05	9.53E-06	9.55E-06	8.65E-06	3.95E-06	4.12E-06	1.82E-07	4.40E-06	9.70E-07	1.30E-06	2.06E-06	3.62E-07	2.16E-06	1.14E-05
667	490336.72	3860085.12	1.54E-02	1.54E-02	1.61E-02	5.32E-06	1.61E-05	9.30E-06	9.32E-06	8.45E-06	3.86E-06	4.03E-06	1.78E-07	4.29E-06	9.47E-07	1.27E-06	2.01E-06	3.54E-07	2.11E-06	1.12E-05
668	490386.72	3860085.12	1.50E-02	1.50E-02	1.57E-02	5.20E-06	1.57E-05	9.08E-06	9.10E-06	8.25E-06	3.77E-06	3.93E-06	1.74E-07	4.19E-06	9.25E-07	1.24E-06	1.96E-06	3.46E-07	2.06E-06	1.09E-05
669	490436.72	3860085.12	1.46E-02	1.47E-02	1.53E-02	5.08E-06	1.53E-05	8.87E-06	8.89E-06	8.06E-06	3.68E-06	3.84E-06	1.69E-07	4.09E-06	9.03E-07	1.21E-06	1.92E-06	3.38E-07	2.02E-06	1.06E-05
670	490486.72	3860085.12	1.43E-02	1.43E-02	1.50E-02	4.96E-06	1.50E-05	8.67E-06	8.69E-06	7.88E-06	3.59E-06	3.75E-06	1.66E-07	4.00E-06	8.83E-07	1.18E-06	1.87E-06	3.30E-07	1.97E-06	1.04E-05
671	490536.72	3860085.12	1.40E-02	1.40E-02	1.46E-02	4.85E-06	1.46E-05	8.47E-06	8.49E-06	7.70E-06	3.51E-06	3.67E-06	1.62E-07	3.91E-06	8.63E-07	1.15E-06	1.83E-06	3.22E-07	1.92E-06	1.02E-05
672	490586.72	3860085.12	1.37E-02	1.37E-02	1.43E-02	4.74E-06	1.43E-05	8.28E-06	8.30E-06	7.53E-06	3.43E-06	3.58E-06	1.58E-07	3.82E-06	8.44E-07	1.13E-06	1.79E-06	3.15E-07	1.88E-06	9.94E-06
673	490636.72	3860085.12	1.34E-02	1.34E-02	1.40E-02	4.64E-06	1.40E-05	8.10E-06	8.12E-06	7.36E-06	3.36E-06	3.50E-06	1.55E-07	3.74E-06	8.25E-07	1.10E-06	1.75E-06	3.08E-07	1.84E-06	9.72E-06
674	490686.72	3860085.12	1.31E-02	1.31E-02	1.37E-02	4.53E-06	1.37E-05	7.93E-06	7.95E-06	7.20E-06	3.29E-06	3.43E-06	1.51E-07	3.66E-06	8.07E-07	1.08E-06	1.71E-06	3.02E-07	1.80E-06	9.51E-06
675	490736.72	3860085.12	1.28E-02	1.28E-02	1.34E-02	4.44E-06	1.34E-05	7.76E-06	7.78E-06	7.05E-06	3.22E-06	3.35E-06	1.48E-07	3.58E-06	7.90E-07	1.06E-06	1.67E-06	2.95E-07	1.76E-06	9.30E-06
676	490786.72	3860085.12	1.25E-02	1.26E-02	1.31E-02	4.34E-06	1.31E-05	7.59E-06	7.61E-06	6.90E-06	3.15E-06	3.28E-06	1.45E-07	3.50E-06	7.73E-07	1.03E-06	1.64E-06	2.89E-07	1.72E-06	9.10E-06
677	490836.72	3860085.12	1.23E-02	1.23E-02	1.28E-02	4.25E-06	1.28E-05	7.43E-06	7.45E-06	6.76E-06	3.08E-06	3.21E-06	1.42E-07	3.43E-06	7.57E-07	1.01E-06	1.61E-06	2.83E-07	1.69E-06	8.92E-06
678	490086.72	3860135.12	1.74E-02	1.74E-02	1.82E-02	6.02E-06	1.82E-05	1.05E-05	1.05E-05	9.55E-06	4.36E-06	4.56E-06	2.01E-07	4.85E-06	1.07E-06	1.43E-06	2.27E-06	4.00E-07	2.39E-06	1.26E-05
679	490136.72	3860135.12	1.69E-02	1.69E-02	1.77E-02	5.85E-06	1.77E-05	1.02E-05	1.03E-05	9.29E-06	4.24E-06	4.43E-06	1.95E-07	4.72E-06	1.04E-06	1.39E-06	2.21E-06	3.89E-07	2.33E-06	1.23E-05
680	490186.72	3860135.12	1.64E-02	1.65E-02	1.72E-02	5.70E-06	1.72E-05	9.96E-06	9.98E-06	9.04E-06	4.13E-06	4.31E-06	1.90E-07	4.59E-06	1.01E-06	1.35E-06	2.15E-06	3.79E-07	2.26E-06	1.19E-05
681	490236.72	3860135.12	1.60E-02	1.60E-02	1.68E-02	5.55E-06	1.68E-05	9.70E-06	9.72E-06	8.81E-06	4.02E-06	4.20E-06	1.85E-07	4.48E-06	9.88E-07	1.32E-06	2.09E-06	3.69E-07	2.21E-06	1.16E-05
682	490286.72	3860135.12	1.56E-02	1.56E-02	1.63E-02	5.41E-06	1.63E-05	9.45E-06	9.48E-06	8.59E-06	3.92E-06	4.09E-06	1.81E-07	4.36E-06	9.63E-07	1.29E-06	2.04E-06	3.60E-07	2.15E-06	1.13E-05

683	490336.72	3860135.12	1.52E-02	1.53E-02	1.59E-02	5.27E-06	1.59E-05	9.22E-06	9.24E-06	8.38E-06	3.82E-06	3.99E-06	1.76E-07	4.25E-06	9.39E-07	1.25E-06	1.99E-06	3.51E-07	2.10E-06	1.11E-05
684	490386.72	3860135.12	1.49E-02	1.49E-02	1.55E-02	5.15E-06	1.55E-05	9.00E-06	9.02E-06	8.17E-06	3.73E-06	3.89E-06	1.72E-07	4.15E-06	9.16E-07	1.22E-06	1.94E-06	3.42E-07	2.04E-06	1.08E-05
685	490436.72	3860135.12	1.45E-02	1.45E-02	1.52E-02	5.02E-06	1.52E-05	8.78E-06	8.80E-06	7.98E-06	3.64E-06	3.80E-06	1.68E-07	4.05E-06	8.94E-07	1.20E-06	1.90E-06	3.34E-07	1.99E-06	1.05E-05
686	490486.72	3860135.12	1.42E-02	1.42E-02	1.48E-02	4.91E-06	1.48E-05	8.57E-06	8.59E-06	7.79E-06	3.55E-06	3.71E-06	1.64E-07	3.96E-06	8.73E-07	1.17E-06	1.85E-06	3.26E-07	1.95E-06	1.03E-05
687	490536.72	3860135.12	1.38E-02	1.39E-02	1.45E-02	4.79E-06	1.45E-05	8.37E-06	8.40E-06	7.61E-06	3.47E-06	3.62E-06	1.60E-07	3.86E-06	8.53E-07	1.14E-06	1.81E-06	3.19E-07	1.90E-06	1.00E-05
688	490586.72	3860135.12	1.35E-02	1.35E-02	1.41E-02	4.68E-06	1.41E-05	8.18E-06	8.20E-06	7.44E-06	3.39E-06	3.54E-06	1.56E-07	3.78E-06	8.33E-07	1.11E-06	1.77E-06	3.11E-07	1.86E-06	9.82E-06
689	490636.72	3860135.12	1.32E-02	1.32E-02	1.38E-02	4.58E-06	1.38E-05	8.00E-06	8.02E-06	7.27E-06	3.32E-06	3.46E-06	1.53E-07	3.69E-06	8.15E-07	1.09E-06	1.73E-06	3.04E-07	1.82E-06	9.60E-06
690	490686.72	3860135.12	1.29E-02	1.29E-02	1.35E-02	4.47E-06	1.35E-05	7.82E-06	7.84E-06	7.11E-06	3.24E-06	3.38E-06	1.49E-07	3.61E-06	7.96E-07	1.06E-06	1.69E-06	2.98E-07	1.78E-06	9.38E-06
691	490736.72	3860135.12	1.26E-02	1.27E-02	1.32E-02	4.38E-06	1.32E-05	7.65E-06	7.67E-06	6.95E-06	3.17E-06	3.31E-06	1.46E-07	3.53E-06	7.79E-07	1.04E-06	1.65E-06	2.91E-07	1.74E-06	9.18E-06
692	490786.72	3860135.12	1.24E-02	1.24E-02	1.29E-02	4.29E-06	1.29E-05	7.49E-06	7.51E-06	6.81E-06	3.11E-06	3.24E-06	1.43E-07	3.46E-06	7.63E-07	1.02E-06	1.62E-06	2.85E-07	1.70E-06	8.98E-06
693	490836.72	3860135.12	1.21E-02	1.21E-02	1.27E-02	4.20E-06	1.27E-05	7.33E-06	7.35E-06	6.67E-06	3.04E-06	3.17E-06	1.40E-07	3.38E-06	7.47E-07	9.98E-07	1.58E-06	2.79E-07	1.66E-06	8.80E-06
694	490086.72	3860185.12	1.73E-02	1.73E-02	1.81E-02	5.99E-06	1.81E-05	1.05E-05	1.05E-05	9.51E-06	4.34E-06	4.54E-06	2.00E-07	4.83E-06	1.07E-06	1.42E-06	2.26E-06	3.98E-07	2.38E-06	1.26E-05
695	490136.72	3860185.12	1.68E-02	1.68E-02	1.76E-02	5.82E-06	1.76E-05	1.02E-05	1.02E-05	9.23E-06	4.21E-06	4.41E-06	1.94E-07	4.69E-06	1.04E-06	1.38E-06	2.19E-06	3.87E-07	2.31E-06	1.22E-05
696	490186.72	3860185.12	1.63E-02	1.63E-02	1.71E-02	5.65E-06	1.71E-05	9.88E-06	9.90E-06	8.97E-06	4.10E-06	4.28E-06	1.89E-07	4.56E-06	1.01E-06	1.34E-06	2.13E-06	3.76E-07	2.25E-06	1.19E-05
697	490236.72	3860185.12	1.59E-02	1.59E-02	1.66E-02	5.50E-06	1.66E-05	9.61E-06	9.63E-06	8.73E-06	3.98E-06	4.16E-06	1.84E-07	4.44E-06	9.79E-07	1.31E-06	2.07E-06	3.66E-07	2.19E-06	1.15E-05
698	490286.72	3860185.12	1.54E-02	1.55E-02	1.62E-02	5.35E-06	1.62E-05	9.36E-06	9.38E-06	8.50E-06	3.88E-06	4.05E-06	1.79E-07	4.32E-06	9.53E-07	1.27E-06	2.02E-06	3.56E-07	2.13E-06	1.12E-05
699	490336.72	3860185.12	1.50E-02	1.51E-02	1.58E-02	5.22E-06	1.57E-05	9.12E-06	9.14E-06	8.28E-06	3.78E-06	3.95E-06	1.74E-07	4.21E-06	9.28E-07	1.24E-06	1.97E-06	3.47E-07	2.07E-06	1.09E-05
700	490386.72	3860185.12	1.47E-02	1.47E-02	1.54E-02	5.08E-06	1.53E-05	8.89E-06	8.91E-06	8.07E-06	3.68E-06	3.85E-06	1.70E-07	4.10E-06	9.05E-07	1.21E-06	1.92E-06	3.38E-07	2.02E-06	1.07E-05
701	490436.72	3860185.12	1.43E-02	1.43E-02	1.50E-02	4.96E-06	1.50E-05	8.67E-06	8.69E-06	7.87E-06	3.59E-06	3.75E-06	1.66E-07	4.00E-06	8.82E-07	1.18E-06	1.87E-06	3.30E-07	1.97E-06	1.04E-05
702	490486.72	3860185.12	1.40E-02	1.40E-02	1.46E-02	4.84E-06	1.46E-05	8.46E-06	8.48E-06	7.68E-06	3.51E-06	3.66E-06	1.62E-07	3.90E-06	8.61E-07	1.15E-06	1.83E-06	3.22E-07	1.92E-06	1.01E-05
703	490536.72	3860185.12	1.36E-02	1.37E-02	1.43E-02	4.72E-06	1.43E-05	8.25E-06	8.27E-06	7.50E-06	3.42E-06	3.57E-06	1.58E-07	3.81E-06	8.40E-07	1.12E-06	1.78E-06	3.14E-07	1.87E-06	9.90E-06
704	490586.72	3860185.12	1.33E-02	1.33E-02	1.39E-02	4.61E-06	1.39E-05	8.06E-06	8.08E-06	7.33E-06	3.34E-06	3.49E-06	1.54E-07	3.72E-06	8.21E-07	1.10E-06	1.74E-06	3.07E-07	1.83E-06	9.67E-06
705	490636.72	3860185.12	1.30E-02	1.30E-02	1.36E-02	4.50E-06	1.36E-05	7.87E-06	7.89E-06	7.16E-06	3.27E-06	3.41E-06	1.50E-07	3.63E-06	8.02E-07	1.07E-06	1.70E-06	3.00E-07	1.79E-06	9.45E-06
706	490686.72	3860185.12	1.27E-02	1.27E-02	1.33E-02	4.40E-06	1.33E-05	7.70E-06	7.72E-06	7.00E-06	3.19E-06	3.33E-06	1.47E-07	3.55E-06	7.84E-07	1.05E-06	1.66E-06	2.93E-07	1.75E-06	9.23E-06
707	490736.72	3860185.12	1.24E-02	1.25E-02	1.30E-02	4.31E-06	1.30E-05	7.53E-06	7.54E-06	6.84E-06	3.12E-06	3.25E-06	1.44E-07	3.47E-06	7.66E-07	1.02E-06	1.63E-06	2.86E-07	1.71E-06	9.03E-06
708	490786.72	3860185.12	1.22E-02	1.22E-02	1.27E-02	4.21E-06	1.27E-05	7.36E-06	7.38E-06	6.69E-06	3.05E-06	3.18E-06	1.41E-07	3.40E-06	7.50E-07	1.00E-06	1.59E-06	2.80E-07	1.67E-06	8.83E-06
709	490836.72	3860185.12	1.19E-02	1.19E-02	1.24E-02	4.12E-06	1.25E-05	7.21E-06	7.23E-06	6.55E-06	2.99E-06	3.12E-06	1.38E-07	3.33E-06	7.34E-07	9.81E-07	1.56E-06	2.74E-07	1.64E-06	8.65E-06
710	490086.72	3860235.12	1.71E-02	1.72E-02	1.80E-02	5.94E-06	1.79E-05	1.04E-05	1.04E-05	9.43E-06	4.30E-06	4.50E-06	1.98E-07	4.79E-06	1.06E-06	1.41E-06	2.24E-06	3.95E-07	2.36E-06	1.25E-05
711	490136.72	3860235.12	1.66E-02	1.66E-02	1.74E-02	5.76E-06	1.74E-05	1.01E-05	1.01E-05	9.14E-06	4.17E-06	4.36E-06	1.92E-07	4.64E-06	1.02E-06	1.37E-06	2.17E-06	3.83E-07	2.29E-06	1.21E-05
712	490186.72	3860235.12	1.61E-02	1.62E-02	1.69E-02	5.59E-06	1.69E-05	9.77E-06	9.79E-06	8.87E-06	4.05E-06	4.23E-06	1.87E-07	4.51E-06	9.94E-07	1.33E-06	2.11E-06	3.71E-07	2.22E-06	1.17E-05
713	490236.72	3860235.12	1.57E-02	1.57E-02	1.64E-02	5.43E-06	1.64E-05	9.49E-06	9.51E-06	8.62E-06	3.93E-06	4.11E-06	1.81E-07	4.38E-06	9.66E-07	1.29E-06	2.05E-06	3.61E-07	2.16E-06	1.14E-05
714	490286.72	3860235.12	1.52E-02	1.53E-02	1.59E-02	5.28E-06	1.59E-05	9.23E-06	9.25E-06	8.38E-06	3.82E-06	4.00E-06	1.76E-07	4.26E-06	9.39E-07	1.26E-06	1.99E-06	3.51E-07	2.10E-06	1.11E-05
715	490336.72	3860235.12	1.48E-02	1.49E-02	1.55E-02	5.14E-06	1.55E-05	8.98E-06	9.00E-06	8.16E-06	3.72E-06	3.89E-06	1.72E-07	4.14E-06	9.14E-07	1.22E-06	1.94E-06	3.42E-07	2.04E-06	1.08E-05
716	490386.72	3860235.12	1.44E-02	1.45E-02	1.51E-02	5.00E-06	1.51E-05	8.75E-06	8.77E-06	7.95E-06	3.63E-06	3.79E-06	1.67E-07	4.04E-06	8.90E-07	1.19E-06	1.89E-06	3.33E-07	1.99E-06	1.05E-05
717	490436.72	3860235.12	1.41E-02	1.41E-02	1.47E-02	4.88E-06	1.47E-05	8.52E-06	8.54E-06	7.74E-06	3.53E-06	3.69E-06	1.63E-07	3.93E-06	8.68E-07	1.16E-06	1.84E-06	3.24E-07	1.94E-06	1.02E-05
718	490486.72	3860235.12	1.37E-02	1.38E-02	1.44E-02	4.75E-06	1.44E-05	8.31E-06	8.33E-06	7.55E-06	3.45E-06	3.60E-06	1.59E-07	3.84E-06	8.46E-07	1.13E-06	1.79E-06	3.16E-07	1.89E-06	9.97E-06
719	490536.72	3860235.12	1.34E-02	1.34E-02	1.40E-02	4.64E-06	1.40E-05	8.11E-06	8.13E-06	7.37E-06	3.36E-06	3.51E-06	1.55E-07	3.74E-06	8.26E-07	1.10E-06	1.75E-06	3.09E-07	1.84E-06	9.73E-06
720	490586.72	3860235.12	1.31E-02	1.31E-02	1.37E-02	4.53E-06	1.37E-05	7.91E-06	7.93E-06	7.19E-06	3.28E-06	3.42E-06	1.51E-07	3.65E-06	8.06E-07	1.08E-06	1.71E-06	3.01E-07	1.80E-06	9.49E-06
721	490636.72	3860235.12	1.28E-02	1.28E-02	1.33E-02	4.42E-06	1.34E-05	7.73E-06	7.75E-06	7.02E-06	3.21E-06	3.34E-06	1.48E-07	3.57E-06	7.87E-07	1.05E-06	1.67E-06	2.94E-07	1.75E-06	9.27E-06
722	490686.72	3860235.12	1.25E-02	1.25E-02	1.30E-02	4.32E-06	1.30E-05	7.55E-06	7.57E-06	6.86E-06	3.13E-06	3.27E-06	1.44E-07	3.49E-06	7.69E-07	1.03E-06	1.63E-06	2.87E-07	1.71E-06	9.06E-06
723	490736.72	3860235.12	1.22E-02	1.22E-02	1.27E-02	4.22E-06	1.28E-05	7.38E-06	7.40E-06	6.71E-06	3.06E-06	3.19E-06	1.41E-07	3.41E-06	7.52E-07	1.01E-06	1.59E-06	2.81E-07	1.68E-06	8.86E-06
724	490786.72	3860235.12	1.19E-02	1.20E-02	1.25E-02	4.13E-06	1.25E-05	7.22E-06	7.24E-06	6.56E-06	2.99E-06	3.12E-06	1.38E-07	3.33E-06	7.35E-07	9.83E-07	1.56E-06	2.75E-07	1.64E-06	8.66E-06
725	490086.72	3860285.12	1.69E-02	1.69E-02	1.77E-02	5.86E-06	1.77E-05	1.02E-05	1.03E-05	9.30E-06	4.24E-06	4.44E-06	1.96E-07	4.72E-06	1.04E-06	1.39E-06	2.21E-06	3.89E-07	2.33E-06	1.23E-05
726	490136.72	3860285.12	1.64E-02	1.64E-02	1.71E-02	5.67E-06	1.71E-05	9.91E-06	9.93E-06	9.00E-06	4.11E-06	4.29E-06	1.89E-07	4.57E-06	1.01E-06	1.35E-06	2.14E-06	3.77E-07	2.25E-06	1.19E-05
727	490186.72	3860285.12	1.59E-02	1.59E-02	1.66E-02	5.49E-06	1.66E-05	9.60E-06	9.62E-06	8.72E-06	3.98E-06	4.16E-06	1.83E-07	4.43E-06	9.78E-07	1.31E-06	2.07E-06	3.65E-07	2.18E-06	1.15E-05
728	490236.72	3860285.12	1.54E-02	1.54E-02	1.61E-02	5.33E-06	1.61E-05	9.32E-06	9.34E-06	8.47E-06	3.86E-06	4.04E-06	1.78E-07	4.30E-06	9.49E-07	1.27E-06	2.01E-06	3.55E-07	2.12E-06	1.12E-05
729	490286.72	3860285.12	1.49E-02	1.50E-02	1.57E-02	5.18E-06	1.56E-05	9.06E-06	9.08E-06	8.23E-06	3.75E-06	3.92E-06	1.73E-07	4.18E-06	9.22E-07	1.23E-06	1.95E-06	3.44E-07	2.06E-06	1.09E-05
730	490336.72	3860285.12	1.45E-02	1.46E-02	1.52E-02	5.04E-06	1.52E-05	8.81E-06	8.83E-06	8.00E-06	3.65E-06	3.81E-06	1.68E-07	4.06E-06	8.97E-07	1.20E-06	1.90E-06	3.35E-07	2.00E-06	1.06E-05
731	490386.72	3860285.12	1.41E-02	1.42E-02	1.48E-02	4.90E-06	1.48E-05	8.57E-06	8.59E-06	7.79E-06	3.55E-06	3.71E-06	1.64E-07	3.96E-06	8.73E-07	1.17E-06	1.85E-06	3.26E-07	1.95E-06	1.03E-05
732	490436.72	3860285.12	1.38E-02	1.38E-02	1.44E-02	4.78E-06	1.44E-05	8.35E-06	8.37E-06	7.59E-06	3.46E-06	3.61E-06	1.59E-07	3.85E-06	8.50E-07	1.14E-06	1.80E-06	3.18E-07	1.90E-06	1.00E-05
733	490486.72	3860285.12	1.34E-02	1.35E-02	1.41E-02	4.66E-06	1.41E-05	8.14E-06	8.16E-06	7.39E-06	3.37E-06	3.52E-06	1.55E-07	3.75E-06	8.29E-07	1.11E-06	1.76E-06	3.10E-07	1.85E-06	9.76E-06
734	490536.72	3860285.12	1.31E-02	1.31E-02	1.37E-02	4.54E-06	1.37E-05	7.93E-06	7.95E-06	7.21E-06	3.29E-06	3.43E-06	1.52E-07	3.66E-06	8.08E-07	1.08E-06	1.71E-06	3.02E-07	1.80E-06	9.52E-06
735	490586.72	3860285.12	1.28E-02	1.28E-02	1.34E-02	4.43E-06	1.34E-05	7.74E-06	7.76E-06	7.03E-06	3.21E-06	3.35E-06	1.48E-07	3.57E-06	7.88E-07	1.05E-06	1.67E-06	2.95E-07	1.76E-06	9.29E-06

736	490636.72	3860285.12	1.25E-02	1.25E-02	1.30E-02	4.32E-06	1.31E-05	7.56E-06	7.58E-06	6.87E-06	3.13E-06	3.27E-06	1.44E-07	3.49E-06	7.70E-07	1.03E-06	1.63E-06	2.88E-07	1.72E-06	9.07E-06
737	490686.72	3860285.12	1.22E-02	1.22E-02	1.27E-02	4.23E-06	1.28E-05	7.39E-06	7.41E-06	6.71E-06	3.06E-06	3.19E-06	1.41E-07	3.41E-06	7.52E-07	1.01E-06	1.59E-06	2.81E-07	1.68E-06	8.86E-06
738	490736.72	3860285.12	1.19E-02	1.19E-02	1.25E-02	4.13E-06	1.25E-05	7.22E-06	7.24E-06	6.56E-06	2.99E-06	3.12E-06	1.38E-07	3.33E-06	7.35E-07	9.83E-07	1.56E-06	2.75E-07	1.64E-06	8.66E-06
739	490786.72	3860285.12	1.17E-02	1.17E-02	1.22E-02	4.04E-06	1.22E-05	7.06E-06	7.08E-06	6.42E-06	2.93E-06	3.05E-06	1.35E-07	3.26E-06	7.19E-07	9.61E-07	1.53E-06	2.69E-07	1.60E-06	8.47E-06
740	490086.72	3860335.12	1.65E-02	1.66E-02	1.73E-02	5.74E-06	1.73E-05	1.00E-05	1.00E-05	9.10E-06	4.15E-06	4.35E-06	1.92E-07	4.63E-06	1.02E-06	1.36E-06	2.16E-06	3.81E-07	2.28E-06	1.20E-05
741	490136.72	3860335.12	1.60E-02	1.60E-02	1.68E-02	5.55E-06	1.67E-05	9.69E-06	9.71E-06	8.80E-06	4.02E-06	4.20E-06	1.85E-07	4.47E-06	9.87E-07	1.32E-06	2.09E-06	3.69E-07	2.21E-06	1.16E-05
742	490186.72	3860335.12	1.55E-02	1.55E-02	1.62E-02	5.37E-06	1.62E-05	9.39E-06	9.41E-06	8.53E-06	3.89E-06	4.07E-06	1.79E-07	4.33E-06	9.56E-07	1.28E-06	2.03E-06	3.57E-07	2.14E-06	1.13E-05
743	490236.72	3860335.12	1.50E-02	1.51E-02	1.57E-02	5.21E-06	1.57E-05	9.10E-06	9.12E-06	8.27E-06	3.77E-06	3.94E-06	1.74E-07	4.20E-06	9.27E-07	1.24E-06	1.97E-06	3.46E-07	2.07E-06	1.09E-05
744	490286.72	3860335.12	1.46E-02	1.46E-02	1.53E-02	5.06E-06	1.53E-05	8.84E-06	8.86E-06	8.03E-06	3.66E-06	3.83E-06	1.69E-07	4.08E-06	9.00E-07	1.20E-06	1.91E-06	3.36E-07	2.01E-06	1.06E-05
745	490336.72	3860335.12	1.42E-02	1.42E-02	1.49E-02	4.92E-06	1.48E-05	8.59E-06	8.61E-06	7.81E-06	3.56E-06	3.72E-06	1.64E-07	3.97E-06	8.75E-07	1.17E-06	1.86E-06	3.27E-07	1.95E-06	1.03E-05
746	490386.72	3860335.12	1.38E-02	1.38E-02	1.44E-02	4.78E-06	1.44E-05	8.36E-06	8.38E-06	7.60E-06	3.47E-06	3.62E-06	1.60E-07	3.86E-06	8.51E-07	1.14E-06	1.80E-06	3.18E-07	1.90E-06	1.00E-05
747	490436.72	3860335.12	1.34E-02	1.35E-02	1.41E-02	4.66E-06	1.41E-05	8.14E-06	8.16E-06	7.40E-06	3.38E-06	3.52E-06	1.56E-07	3.76E-06	8.29E-07	1.11E-06	1.76E-06	3.10E-07	1.85E-06	9.77E-06
748	490486.72	3860335.12	1.31E-02	1.31E-02	1.37E-02	4.54E-06	1.37E-05	7.93E-06	7.95E-06	7.21E-06	3.29E-06	3.43E-06	1.52E-07	3.66E-06	8.08E-07	1.08E-06	1.71E-06	3.02E-07	1.80E-06	9.51E-06
749	490536.72	3860335.12	1.28E-02	1.28E-02	1.34E-02	4.43E-06	1.34E-05	7.73E-06	7.75E-06	7.03E-06	3.21E-06	3.35E-06	1.48E-07	3.57E-06	7.88E-07	1.05E-06	1.67E-06	2.94E-07	1.76E-06	9.28E-06
750	490586.72	3860335.12	1.25E-02	1.25E-02	1.30E-02	4.32E-06	1.30E-05	7.55E-06	7.56E-06	6.86E-06	3.13E-06	3.26E-06	1.44E-07	3.48E-06	7.68E-07	1.03E-06	1.63E-06	2.87E-07	1.71E-06	9.05E-06
751	490636.72	3860335.12	1.22E-02	1.22E-02	1.27E-02	4.21E-06	1.27E-05	7.37E-06	7.39E-06	6.70E-06	3.06E-06	3.19E-06	1.41E-07	3.40E-06	7.50E-07	1.00E-06	1.59E-06	2.80E-07	1.67E-06	8.84E-06
752	490686.72	3860335.12	1.19E-02	1.19E-02	1.24E-02	4.12E-06	1.24E-05	7.20E-06	7.22E-06	6.54E-06	2.99E-06	3.11E-06	1.38E-07	3.32E-06	7.33E-07	9.80E-07	1.55E-06	2.74E-07	1.63E-06	8.63E-06
753	490736.72	3860335.12	1.16E-02	1.16E-02	1.21E-02	4.03E-06	1.22E-05	7.04E-06	7.06E-06	6.40E-06	2.92E-06	3.04E-06	1.34E-07	3.25E-06	7.17E-07	9.58E-07	1.52E-06	2.68E-07	1.60E-06	8.44E-06
754	490786.72	3860335.12	1.14E-02	1.14E-02	1.19E-02	3.94E-06	1.19E-05	6.89E-06	6.90E-06	6.26E-06	2.86E-06	2.98E-06	1.32E-07	3.18E-06	7.01E-07	9.37E-07	1.49E-06	2.62E-07	1.56E-06	8.26E-06
755	490086.72	3860385.12	1.61E-02	1.61E-02	1.69E-02	5.57E-06	1.68E-05	9.74E-06	9.76E-06	8.85E-06	4.04E-06	4.22E-06	1.86E-07	4.50E-06	9.92E-07	1.33E-06	2.10E-06	3.71E-07	2.22E-06	1.17E-05
756	490136.72	3860385.12	1.55E-02	1.56E-02	1.63E-02	5.39E-06	1.63E-05	9.42E-06	9.44E-06	8.55E-06	3.90E-06	4.08E-06	1.80E-07	4.35E-06	9.59E-07	1.28E-06	2.03E-06	3.58E-07	2.14E-06	1.13E-05
757	490186.72	3860385.12	1.51E-02	1.51E-02	1.58E-02	5.22E-06	1.58E-05	9.12E-06	9.14E-06	8.28E-06	3.78E-06	3.95E-06	1.74E-07	4.21E-06	9.29E-07	1.24E-06	1.97E-06	3.47E-07	2.07E-06	1.09E-05
758	490236.72	3860385.12	1.46E-02	1.46E-02	1.53E-02	5.06E-06	1.53E-05	8.84E-06	8.86E-06	8.03E-06	3.66E-06	3.83E-06	1.69E-07	4.08E-06	9.00E-07	1.20E-06	1.91E-06	3.36E-07	2.01E-06	1.06E-05
759	490286.72	3860385.12	1.42E-02	1.42E-02	1.48E-02	4.91E-06	1.48E-05	8.58E-06	8.60E-06	7.80E-06	3.56E-06	3.72E-06	1.64E-07	3.96E-06	8.74E-07	1.17E-06	1.85E-06	3.27E-07	1.95E-06	1.03E-05
760	490336.72	3860385.12	1.38E-02	1.38E-02	1.44E-02	4.77E-06	1.44E-05	8.34E-06	8.36E-06	7.58E-06	3.46E-06	3.61E-06	1.59E-07	3.85E-06	8.49E-07	1.14E-06	1.80E-06	3.17E-07	1.90E-06	1.00E-05
761	490386.72	3860385.12	1.34E-02	1.34E-02	1.40E-02	4.64E-06	1.40E-05	8.11E-06	8.13E-06	7.37E-06	3.36E-06	3.51E-06	1.55E-07	3.74E-06	8.26E-07	1.10E-06	1.75E-06	3.09E-07	1.84E-06	9.73E-06
762	490436.72	3860385.12	1.30E-02	1.31E-02	1.36E-02	4.52E-06	1.36E-05	7.90E-06	7.92E-06	7.18E-06	3.28E-06	3.42E-06	1.51E-07	3.65E-06	8.04E-07	1.08E-06	1.71E-06	3.01E-07	1.79E-06	9.48E-06
763	490486.72	3860385.12	1.27E-02	1.27E-02	1.33E-02	4.40E-06	1.33E-05	7.70E-06	7.72E-06	7.00E-06	3.19E-06	3.33E-06	1.47E-07	3.55E-06	7.84E-07	1.05E-06	1.66E-06	2.93E-07	1.75E-06	9.24E-06
764	490536.72	3860385.12	1.24E-02	1.24E-02	1.30E-02	4.30E-06	1.30E-05	7.51E-06	7.53E-06	6.82E-06	3.11E-06	3.25E-06	1.43E-07	3.46E-06	7.65E-07	1.02E-06	1.62E-06	2.86E-07	1.70E-06	9.01E-06
765	490586.72	3860385.12	1.21E-02	1.21E-02	1.27E-02	4.19E-06	1.27E-05	7.33E-06	7.35E-06	6.66E-06	3.04E-06	3.17E-06	1.40E-07	3.38E-06	7.46E-07	9.97E-07	1.58E-06	2.79E-07	1.66E-06	8.79E-06
766	490636.72	3860385.12	1.18E-02	1.18E-02	1.23E-02	4.09E-06	1.24E-05	7.15E-06	7.17E-06	6.50E-06	2.97E-06	3.09E-06	1.37E-07	3.30E-06	7.29E-07	9.74E-07	1.55E-06	2.72E-07	1.62E-06	8.58E-06
767	490686.72	3860385.12	1.15E-02	1.16E-02	1.21E-02	4.00E-06	1.21E-05	6.99E-06	7.01E-06	6.36E-06	2.90E-06	3.02E-06	1.34E-07	3.23E-06	7.12E-07	9.52E-07	1.51E-06	2.66E-07	1.59E-06	8.39E-06
768	490736.72	3860385.12	1.13E-02	1.13E-02	1.18E-02	3.91E-06	1.18E-05	6.84E-06	6.85E-06	6.21E-06	2.83E-06	2.96E-06	1.31E-07	3.15E-06	6.96E-07	9.31E-07	1.48E-06	2.60E-07	1.55E-06	8.20E-06
769	490786.72	3860385.12	1.10E-02	1.11E-02	1.15E-02	3.83E-06	1.16E-05	6.69E-06	6.71E-06	6.08E-06	2.77E-06	2.89E-06	1.28E-07	3.09E-06	6.81E-07	9.10E-07	1.44E-06	2.55E-07	1.52E-06	8.02E-06
770	490136.72	3860435.12	1.50E-02	1.50E-02	1.57E-02	5.20E-06	1.57E-05	9.09E-06	9.10E-06	8.25E-06	3.77E-06	3.94E-06	1.74E-07	4.19E-06	9.25E-07	1.24E-06	1.96E-06	3.46E-07	2.07E-06	1.09E-05
771	490186.72	3860435.12	1.45E-02	1.46E-02	1.52E-02	5.03E-06	1.52E-05	8.80E-06	8.82E-06	7.99E-06	3.65E-06	3.81E-06	1.68E-07	4.06E-06	8.96E-07	1.20E-06	1.90E-06	3.35E-07	2.00E-06	1.06E-05
772	490236.72	3860435.12	1.41E-02	1.41E-02	1.48E-02	4.88E-06	1.47E-05	8.53E-06	8.55E-06	7.75E-06	3.54E-06	3.70E-06	1.63E-07	3.94E-06	8.69E-07	1.16E-06	1.84E-06	3.25E-07	1.94E-06	1.02E-05
773	490286.72	3860435.12	1.37E-02	1.37E-02	1.43E-02	4.74E-06	1.43E-05	8.28E-06	8.30E-06	7.53E-06	3.43E-06	3.59E-06	1.58E-07	3.82E-06	8.44E-07	1.13E-06	1.79E-06	3.15E-07	1.88E-06	9.94E-06
774	490336.72	3860435.12	1.33E-02	1.33E-02	1.39E-02	4.61E-06	1.39E-05	8.05E-06	8.07E-06	7.32E-06	3.34E-06	3.49E-06	1.54E-07	3.72E-06	8.20E-07	1.10E-06	1.74E-06	3.06E-07	1.83E-06	9.66E-06
775	490386.72	3860435.12	1.29E-02	1.30E-02	1.35E-02	4.48E-06	1.35E-05	7.83E-06	7.85E-06	7.12E-06	3.25E-06	3.39E-06	1.50E-07	3.62E-06	7.98E-07	1.07E-06	1.69E-06	2.98E-07	1.78E-06	9.40E-06
776	490436.72	3860435.12	1.26E-02	1.26E-02	1.32E-02	4.37E-06	1.32E-05	7.63E-06	7.65E-06	6.93E-06	3.16E-06	3.30E-06	1.46E-07	3.52E-06	7.77E-07	1.04E-06	1.65E-06	2.90E-07	1.73E-06	9.15E-06
777	490486.72	3860435.12	1.23E-02	1.23E-02	1.28E-02	4.26E-06	1.28E-05	7.44E-06	7.46E-06	6.76E-06	3.08E-06	3.22E-06	1.42E-07	3.43E-06	7.57E-07	1.01E-06	1.61E-06	2.83E-07	1.69E-06	8.92E-06
778	490536.72	3860435.12	1.20E-02	1.20E-02	1.25E-02	4.15E-06	1.25E-05	7.26E-06	7.28E-06	6.60E-06	3.01E-06	3.14E-06	1.39E-07	3.35E-06	7.39E-07	9.88E-07	1.57E-06	2.76E-07	1.65E-06	8.71E-06
779	490586.72	3860435.12	1.17E-02	1.17E-02	1.22E-02	4.05E-06	1.22E-05	7.09E-06	7.10E-06	6.44E-06	2.94E-06	3.06E-06	1.35E-07	3.27E-06	7.21E-07	9.65E-07	1.53E-06	2.70E-07	1.61E-06	8.50E-06
780	490636.72	3860435.12	1.14E-02	1.15E-02	1.19E-02	3.96E-06	1.20E-05	6.92E-06	6.94E-06	6.29E-06	2.87E-06	2.99E-06	1.32E-07	3.19E-06	7.05E-07	9.42E-07	1.49E-06	2.63E-07	1.57E-06	8.30E-06
781	490686.72	3860435.12	1.12E-02	1.12E-02	1.17E-02	3.87E-06	1.17E-05	6.77E-06	6.79E-06	6.15E-06	2.81E-06	2.93E-06	1.29E-07	3.12E-06	6.89E-07	9.21E-07	1.46E-06	2.58E-07	1.54E-06	8.12E-06
782	490736.72	3860435.12	1.09E-02	1.10E-02	1.14E-02	3.79E-06	1.14E-05	6.62E-06	6.64E-06	6.02E-06	2.75E-06	2.86E-06	1.26E-07	3.06E-06	6.74E-07	9.01E-07	1.43E-06	2.52E-07	1.50E-06	7.94E-06
783	490786.72	3860435.12	1.07E-02	1.07E-02	1.12E-02	3.71E-06	1.12E-05	6.48E-06	6.50E-06	5.89E-06	2.69E-06	2.80E-06	1.24E-07	2.99E-06	6.60E-07	8.82E-07	1.40E-06	2.47E-07	1.47E-06	7.77E-06
784	490136.72	3860485.12	1.44E-02	1.44E-02	1.51E-02	4.98E-06	1.50E-05	8.70E-06	8.72E-06	7.90E-06	3.61E-06	3.77E-06	1.66E-07	4.02E-06	8.86E-07	1.18E-06	1.88E-06	3.31E-07	1.98E-06	1.04E-05
785	490186.72	3860485.12	1.39E-02	1.40E-02	1.46E-02	4.83E-06	1.46E-05	8.43E-06	8.45E-06	7.66E-06	3.50E-06	3.65E-06	1.61E-07	3.89E-06	8.59E-07	1.15E-06	1.82E-06	3.21E-07	1.92E-06	1.01E-05
786	490236.72	3860485.12	1.35E-02	1.35E-02	1.41E-02	4.68E-06	1.41E-05	8.18E-06	8.20E-06	7.43E-06	3.39E-06	3.54E-06	1.56E-07	3.78E-06	8.33E-07	1.11E-06	1.77E-06	3.11E-07	1.86E-06	9.82E-06
787	490286.72	3860485.12	1.31E-02	1.32E-02	1.37E-02	4.55E-06	1.37E-05	7.95E-06	7.97E-06	7.22E-06	3.30E-06	3.44E-06	1.52E-07	3.67E-06	8.10E-07	1.08E-06	1.72E-06	3.03E-07	1.81E-06	9.54E-06
788	490336.72	3860485.12	1.28E-02	1.28E-02	1.34E-02	4.42E-06	1.34E-05	7.73E-06	7.75E-06	7.03E-06	3.21E-06	3.35E-06	1.48E-07	3.57E-06	7.87E-07	1.05E-06	1.67E-06	2.94E-07	1.76E-06	9.28E-06

789	490386.72	3860485.12	1.24E-02	1.25E-02	1.30E-02	4.31E-06	1.30E-05	7.53E-06	7.55E-06	6.84E-06	3.12E-06	3.26E-06	1.44E-07	3.48E-06	7.67E-07	1.02E-06	1.63E-06	2.87E-07	1.71E-06	9.03E-06
790	490436.72	3860485.12	1.21E-02	1.22E-02	1.27E-02	4.20E-06	1.27E-05	7.34E-06	7.36E-06	6.67E-06	3.04E-06	3.18E-06	1.40E-07	3.39E-06	7.48E-07	9.99E-07	1.59E-06	2.79E-07	1.67E-06	8.81E-06
791	490486.72	3860485.12	1.18E-02	1.19E-02	1.24E-02	4.10E-06	1.24E-05	7.16E-06	7.18E-06	6.51E-06	2.97E-06	3.10E-06	1.37E-07	3.30E-06	7.29E-07	9.75E-07	1.55E-06	2.73E-07	1.63E-06	8.59E-06
792	490536.72	3860485.12	1.15E-02	1.16E-02	1.21E-02	4.00E-06	1.21E-05	6.99E-06	7.01E-06	6.35E-06	2.90E-06	3.02E-06	1.34E-07	3.22E-06	7.12E-07	9.51E-07	1.51E-06	2.66E-07	1.59E-06	8.38E-06
793	490586.72	3860485.12	1.13E-02	1.13E-02	1.18E-02	3.91E-06	1.18E-05	6.83E-06	6.84E-06	6.20E-06	2.83E-06	2.95E-06	1.30E-07	3.15E-06	6.95E-07	9.29E-07	1.47E-06	2.60E-07	1.55E-06	8.19E-06
794	490636.72	3860485.12	1.10E-02	1.10E-02	1.15E-02	3.82E-06	1.15E-05	6.67E-06	6.69E-06	6.07E-06	2.77E-06	2.89E-06	1.28E-07	3.08E-06	6.80E-07	9.09E-07	1.44E-06	2.54E-07	1.51E-06	8.01E-06
795	490686.72	3860485.12	1.08E-02	1.08E-02	1.13E-02	3.73E-06	1.13E-05	6.53E-06	6.55E-06	5.93E-06	2.71E-06	2.82E-06	1.25E-07	3.01E-06	6.65E-07	8.89E-07	1.41E-06	2.48E-07	1.48E-06	7.83E-06
796	490736.72	3860485.12	1.05E-02	1.06E-02	1.10E-02	3.66E-06	1.10E-05	6.39E-06	6.41E-06	5.81E-06	2.65E-06	2.76E-06	1.22E-07	2.95E-06	6.51E-07	8.70E-07	1.38E-06	2.43E-07	1.45E-06	7.66E-06
797	490786.72	3860485.12	1.03E-02	1.04E-02	1.08E-02	3.58E-06	1.08E-05	6.26E-06	6.28E-06	5.69E-06	2.60E-06	2.70E-06	1.20E-07	2.89E-06	6.37E-07	8.52E-07	1.35E-06	2.38E-07	1.42E-06	7.51E-06
798	490136.72	3860535.12	1.37E-02	1.37E-02	1.43E-02	4.74E-06	1.43E-05	8.28E-06	8.30E-06	7.52E-06	3.43E-06	3.59E-06	1.58E-07	3.82E-06	8.43E-07	1.13E-06	1.79E-06	3.15E-07	1.88E-06	9.94E-06
799	490186.72	3860535.12	1.33E-02	1.33E-02	1.39E-02	4.60E-06	1.39E-05	8.04E-06	8.06E-06	7.30E-06	3.33E-06	3.48E-06	1.54E-07	3.71E-06	8.19E-07	1.09E-06	1.74E-06	3.06E-07	1.83E-06	9.65E-06
800	490236.72	3860535.12	1.29E-02	1.29E-02	1.35E-02	4.47E-06	1.35E-05	7.81E-06	7.83E-06	7.09E-06	3.24E-06	3.38E-06	1.49E-07	3.60E-06	7.95E-07	1.06E-06	1.69E-06	2.97E-07	1.77E-06	9.37E-06
801	490286.72	3860535.12	1.25E-02	1.26E-02	1.31E-02	4.34E-06	1.31E-05	7.59E-06	7.61E-06	6.90E-06	3.15E-06	3.29E-06	1.45E-07	3.50E-06	7.73E-07	1.03E-06	1.64E-06	2.89E-07	1.73E-06	9.11E-06
802	490336.72	3860535.12	1.22E-02	1.22E-02	1.28E-02	4.23E-06	1.28E-05	7.40E-06	7.41E-06	6.72E-06	3.07E-06	3.20E-06	1.41E-07	3.41E-06	7.53E-07	1.01E-06	1.60E-06	2.81E-07	1.68E-06	8.87E-06
803	490386.72	3860535.12	1.19E-02	1.19E-02	1.25E-02	4.13E-06	1.25E-05	7.21E-06	7.23E-06	6.55E-06	2.99E-06	3.12E-06	1.38E-07	3.33E-06	7.34E-07	9.81E-07	1.56E-06	2.74E-07	1.64E-06	8.65E-06
804	490436.72	3860535.12	1.16E-02	1.16E-02	1.21E-02	4.03E-06	1.22E-05	7.04E-06	7.05E-06	6.39E-06	2.92E-06	3.04E-06	1.34E-07	3.25E-06	7.16E-07	9.58E-07	1.52E-06	2.68E-07	1.60E-06	8.44E-06
805	490486.72	3860535.12	1.13E-02	1.14E-02	1.19E-02	3.93E-06	1.19E-05	6.87E-06	6.89E-06	6.24E-06	2.85E-06	2.97E-06	1.31E-07	3.17E-06	7.00E-07	9.35E-07	1.48E-06	2.61E-07	1.56E-06	8.24E-06
806	490536.72	3860535.12	1.11E-02	1.11E-02	1.16E-02	3.84E-06	1.16E-05	6.72E-06	6.74E-06	6.11E-06	2.79E-06	2.91E-06	1.28E-07	3.10E-06	6.84E-07	9.15E-07	1.45E-06	2.56E-07	1.53E-06	8.06E-06
807	490586.72	3860535.12	1.08E-02	1.09E-02	1.13E-02	3.75E-06	1.13E-05	6.56E-06	6.58E-06	5.96E-06	2.72E-06	2.84E-06	1.25E-07	3.03E-06	6.68E-07	8.93E-07	1.42E-06	2.50E-07	1.49E-06	7.87E-06
808	490636.72	3860535.12	1.06E-02	1.06E-02	1.11E-02	3.67E-06	1.11E-05	6.42E-06	6.43E-06	5.83E-06	2.66E-06	2.77E-06	1.23E-07	2.96E-06	6.53E-07	8.74E-07	1.39E-06	2.44E-07	1.46E-06	7.70E-06
809	490686.72	3860535.12	1.04E-02	1.04E-02	1.08E-02	3.59E-06	1.09E-05	6.28E-06	6.30E-06	5.71E-06	2.61E-06	2.71E-06	1.20E-07	2.90E-06	6.40E-07	8.55E-07	1.36E-06	2.39E-07	1.42E-06	7.53E-06
810	490736.72	3860535.12	1.02E-02	1.02E-02	1.06E-02	3.52E-06	1.06E-05	6.15E-06	6.17E-06	5.59E-06	2.55E-06	2.66E-06	1.18E-07	2.84E-06	6.26E-07	8.38E-07	1.33E-06	2.34E-07	1.40E-06	7.38E-06
811	490786.72	3860535.12	9.96E-03	9.98E-03	1.04E-02	3.45E-06	1.04E-05	6.03E-06	6.05E-06	5.48E-06	2.50E-06	2.61E-06	1.15E-07	2.78E-06	6.14E-07	8.21E-07	1.30E-06	2.30E-07	1.37E-06	7.23E-06
812	490136.72	3860585.12	1.29E-02	1.30E-02	1.36E-02	4.49E-06	1.35E-05	7.84E-06	7.86E-06	7.12E-06	3.25E-06	3.40E-06	1.50E-07	3.62E-06	7.99E-07	1.07E-06	1.69E-06	2.98E-07	1.78E-06	9.41E-06
813	490186.72	3860585.12	1.26E-02	1.26E-02	1.32E-02	4.35E-06	1.31E-05	7.61E-06	7.62E-06	6.91E-06	3.15E-06	3.30E-06	1.45E-07	3.51E-06	7.75E-07	1.04E-06	1.64E-06	2.89E-07	1.73E-06	9.13E-06
814	490236.72	3860585.12	1.22E-02	1.23E-02	1.28E-02	4.24E-06	1.28E-05	7.41E-06	7.43E-06	6.73E-06	3.07E-06	3.21E-06	1.42E-07	3.42E-06	7.55E-07	1.01E-06	1.60E-06	2.82E-07	1.68E-06	8.89E-06
815	490286.72	3860585.12	1.19E-02	1.20E-02	1.25E-02	4.13E-06	1.25E-05	7.22E-06	7.24E-06	6.56E-06	2.99E-06	3.13E-06	1.38E-07	3.33E-06	7.36E-07	9.83E-07	1.56E-06	2.75E-07	1.64E-06	8.67E-06
816	490336.72	3860585.12	1.16E-02	1.17E-02	1.22E-02	4.03E-06	1.22E-05	7.04E-06	7.06E-06	6.40E-06	2.92E-06	3.05E-06	1.35E-07	3.25E-06	7.17E-07	9.59E-07	1.52E-06	2.68E-07	1.60E-06	8.45E-06
817	490386.72	3860585.12	1.13E-02	1.14E-02	1.19E-02	3.93E-06	1.19E-05	6.87E-06	6.89E-06	6.25E-06	2.85E-06	2.97E-06	1.31E-07	3.17E-06	7.00E-07	9.36E-07	1.48E-06	2.62E-07	1.56E-06	8.25E-06
818	490436.72	3860585.12	1.11E-02	1.11E-02	1.16E-02	3.85E-06	1.16E-05	6.72E-06	6.74E-06	6.11E-06	2.79E-06	2.91E-06	1.28E-07	3.10E-06	6.85E-07	9.15E-07	1.45E-06	2.56E-07	1.53E-06	8.07E-06
819	490486.72	3860585.12	1.09E-02	1.09E-02	1.14E-02	3.76E-06	1.14E-05	6.58E-06	6.60E-06	5.98E-06	2.73E-06	2.84E-06	1.26E-07	3.04E-06	6.70E-07	8.95E-07	1.42E-06	2.50E-07	1.49E-06	7.89E-06
820	490536.72	3860585.12	1.06E-02	1.06E-02	1.11E-02	3.68E-06	1.11E-05	6.43E-06	6.45E-06	5.85E-06	2.67E-06	2.78E-06	1.23E-07	2.97E-06	6.55E-07	8.76E-07	1.39E-06	2.45E-07	1.46E-06	7.72E-06
821	490586.72	3860585.12	1.04E-02	1.04E-02	1.08E-02	3.59E-06	1.09E-05	6.28E-06	6.30E-06	5.71E-06	2.61E-06	2.72E-06	1.20E-07	2.90E-06	6.40E-07	8.55E-07	1.36E-06	2.39E-07	1.43E-06	7.53E-06
822	490636.72	3860585.12	1.02E-02	1.02E-02	1.06E-02	3.52E-06	1.06E-05	6.15E-06	6.17E-06	5.59E-06	2.55E-06	2.66E-06	1.18E-07	2.84E-06	6.26E-07	8.38E-07	1.33E-06	2.34E-07	1.40E-06	7.38E-06
823	490686.72	3860585.12	9.95E-03	9.98E-03	1.04E-02	3.45E-06	1.04E-05	6.03E-06	6.05E-06	5.48E-06	2.50E-06	2.60E-06	1.15E-07	2.78E-06	6.14E-07	8.21E-07	1.30E-06	2.29E-07	1.37E-06	7.23E-06
824	490736.72	3860585.12	9.76E-03	9.78E-03	1.02E-02	3.38E-06	1.02E-05	5.91E-06	5.93E-06	5.37E-06	2.45E-06	2.55E-06	1.13E-07	2.73E-06	6.02E-07	8.05E-07	1.28E-06	2.25E-07	1.34E-06	7.09E-06
825	490786.72	3860585.12	9.57E-03	9.60E-03	9.99E-03	3.32E-06	1.00E-05	5.80E-06	5.81E-06	5.27E-06	2.40E-06	2.50E-06	1.11E-07	2.67E-06	5.90E-07	7.89E-07	1.25E-06	2.21E-07	1.31E-06	6.95E-06
826	490136.72	3860635.12	1.22E-02	1.22E-02	1.28E-02	4.23E-06	1.28E-05	7.39E-06	7.41E-06	6.71E-06	3.06E-06	3.20E-06	1.41E-07	3.41E-06	7.53E-07	1.01E-06	1.60E-06	2.81E-07	1.68E-06	8.87E-06
827	490186.72	3860635.12	1.19E-02	1.19E-02	1.24E-02	4.12E-06	1.24E-05	7.20E-06	7.22E-06	6.54E-06	2.99E-06	3.12E-06	1.38E-07	3.32E-06	7.33E-07	9.80E-07	1.55E-06	2.74E-07	1.64E-06	8.64E-06
828	490236.72	3860635.12	1.16E-02	1.16E-02	1.21E-02	4.01E-06	1.21E-05	7.01E-06	7.03E-06	6.37E-06	2.91E-06	3.04E-06	1.34E-07	3.24E-06	7.14E-07	9.54E-07	1.51E-06	2.67E-07	1.59E-06	8.41E-06
829	490286.72	3860635.12	1.13E-02	1.13E-02	1.18E-02	3.91E-06	1.18E-05	6.84E-06	6.86E-06	6.22E-06	2.84E-06	2.96E-06	1.31E-07	3.16E-06	6.97E-07	9.31E-07	1.48E-06	2.60E-07	1.55E-06	8.21E-06
830	490336.72	3860635.12	1.10E-02	1.11E-02	1.15E-02	3.82E-06	1.15E-05	6.68E-06	6.70E-06	6.07E-06	2.77E-06	2.89E-06	1.28E-07	3.08E-06	6.81E-07	9.10E-07	1.44E-06	2.54E-07	1.52E-06	8.02E-06
831	490386.72	3860635.12	1.08E-02	1.08E-02	1.13E-02	3.74E-06	1.13E-05	6.54E-06	6.55E-06	5.94E-06	2.71E-06	2.83E-06	1.25E-07	3.02E-06	6.65E-07	8.90E-07	1.41E-06	2.49E-07	1.48E-06	7.84E-06
832	490436.72	3860635.12	1.06E-02	1.06E-02	1.10E-02	3.66E-06	1.10E-05	6.39E-06	6.41E-06	5.81E-06	2.65E-06	2.76E-06	1.22E-07	2.95E-06	6.51E-07	8.70E-07	1.38E-06	2.43E-07	1.45E-06	7.67E-06
833	490486.72	3860635.12	1.03E-02	1.04E-02	1.08E-02	3.58E-06	1.08E-05	6.26E-06	6.27E-06	5.69E-06	2.60E-06	2.71E-06	1.20E-07	2.89E-06	6.37E-07	8.52E-07	1.35E-06	2.38E-07	1.42E-06	7.51E-06
834	490536.72	3860635.12	1.01E-02	1.02E-02	1.06E-02	3.51E-06	1.06E-05	6.13E-06	6.15E-06	5.58E-06	2.54E-06	2.65E-06	1.17E-07	2.83E-06	6.25E-07	8.35E-07	1.32E-06	2.33E-07	1.39E-06	7.36E-06
835	490586.72	3860635.12	9.91E-03	9.94E-03	1.04E-02	3.44E-06	1.04E-05	6.00E-06	6.02E-06	5.46E-06	2.49E-06	2.60E-06	1.15E-07	2.77E-06	6.11E-07	8.18E-07	1.30E-06	2.29E-07	1.36E-06	7.20E-06
836	490636.72	3860635.12	9.72E-03	9.75E-03	1.02E-02	3.37E-06	1.02E-05	5.89E-06	5.91E-06	5.35E-06	2.44E-06	2.54E-06	1.12E-07	2.72E-06	6.00E-07	8.02E-07	1.27E-06	2.24E-07	1.34E-06	7.06E-06
837	490686.72	3860635.12	9.53E-03	9.56E-03	9.96E-03	3.30E-06	9.97E-06	5.77E-06	5.79E-06	5.25E-06	2.40E-06	2.49E-06	1.10E-07	2.66E-06	5.88E-07	7.86E-07	1.25E-06	2.20E-07	1.31E-06	6.93E-06
838	490736.72	3860635.12	9.35E-03	9.38E-03	9.76E-03	3.24E-06	9.78E-06	5.66E-06	5.68E-06	5.15E-06	2.35E-06	2.45E-06	1.08E-07	2.61E-06	5.77E-07	7.71E-07	1.22E-06	2.16E-07	1.28E-06	6.79E-06
839	490786.72	3860635.12	9.18E-03	9.21E-03	9.58E-03	3.18E-06	9.60E-06	5.56E-06	5.58E-06	5.06E-06	2.31E-06	2.40E-06	1.06E-07	2.57E-06	5.66E-07	7.57E-07	1.20E-06	2.12E-07	1.26E-06	6.67E-06
840	490136.72	3860685.12	1.15E-02	1.15E-02	1.20E-02	3.97E-06	1.20E-05	6.94E-06	6.96E-06	6.31E-06	2.88E-06	3.01E-06	1.33E-07	3.20E-06	7.07E-07	9.45E-07	1.50E-06	2.64E-07	1.58E-06	8.33E-06
841	490186.72	3860685.12	1.12E-02	1.12E-02	1.17E-02	3.88E-06	1.17E-05	6.78E-06	6.79E-06	6.16E-06	2.81E-06	2.93E-06	1.29E-07	3.13E-06	6.90E-07	9.22E-07	1.46E-06	2.58E-07	1.54E-06	8.13E-06

842	490236.72	3860685.12	1.09E-02	1.10E-02	1.14E-02	3.79E-06	1.14E-05	6.63E-06	6.64E-06	6.02E-06	2.75E-06	2.87E-06	1.27E-07	3.06E-06	6.75E-07	9.02E-07	1.43E-06	2.52E-07	1.50E-06	7.95E-06
843	490286.72	3860685.12	1.07E-02	1.07E-02	1.12E-02	3.69E-06	1.12E-05	6.46E-06	6.47E-06	5.87E-06	2.68E-06	2.79E-06	1.23E-07	2.98E-06	6.58E-07	8.79E-07	1.39E-06	2.46E-07	1.47E-06	7.75E-06
844	490336.72	3860685.12	1.04E-02	1.05E-02	1.09E-02	3.62E-06	1.09E-05	6.33E-06	6.34E-06	5.75E-06	2.62E-06	2.74E-06	1.21E-07	2.92E-06	6.44E-07	8.61E-07	1.37E-06	2.41E-07	1.44E-06	7.59E-06
845	490386.72	3860685.12	1.02E-02	1.03E-02	1.07E-02	3.54E-06	1.07E-05	6.20E-06	6.21E-06	5.63E-06	2.57E-06	2.68E-06	1.18E-07	2.86E-06	6.31E-07	8.43E-07	1.34E-06	2.36E-07	1.41E-06	7.43E-06
846	490436.72	3860685.12	1.00E-02	1.00E-02	1.05E-02	3.47E-06	1.05E-05	6.07E-06	6.08E-06	5.51E-06	2.52E-06	2.62E-06	1.16E-07	2.80E-06	6.18E-07	8.26E-07	1.31E-06	2.31E-07	1.38E-06	7.28E-06
847	490486.72	3860685.12	9.81E-03	9.84E-03	1.03E-02	3.40E-06	1.03E-05	5.94E-06	5.96E-06	5.40E-06	2.46E-06	2.57E-06	1.14E-07	2.74E-06	6.05E-07	8.09E-07	1.28E-06	2.26E-07	1.35E-06	7.13E-06
848	490536.72	3860685.12	9.62E-03	9.65E-03	1.01E-02	3.34E-06	1.01E-05	5.83E-06	5.85E-06	5.30E-06	2.42E-06	2.52E-06	1.11E-07	2.69E-06	5.94E-07	7.94E-07	1.26E-06	2.22E-07	1.32E-06	6.99E-06
849	490586.72	3860685.12	9.45E-03	9.47E-03	9.87E-03	3.27E-06	9.88E-06	5.72E-06	5.74E-06	5.20E-06	2.37E-06	2.47E-06	1.09E-07	2.64E-06	5.83E-07	7.79E-07	1.24E-06	2.18E-07	1.30E-06	6.86E-06
850	490636.72	3860685.12	9.28E-03	9.30E-03	9.69E-03	3.21E-06	9.71E-06	5.62E-06	5.64E-06	5.11E-06	2.33E-06	2.43E-06	1.07E-07	2.59E-06	5.72E-07	7.65E-07	1.21E-06	2.14E-07	1.27E-06	6.74E-06
851	490686.72	3860685.12	9.12E-03	9.14E-03	9.52E-03	3.16E-06	9.54E-06	5.52E-06	5.54E-06	5.02E-06	2.29E-06	2.38E-06	1.05E-07	2.55E-06	5.62E-07	7.52E-07	1.19E-06	2.10E-07	1.25E-06	6.62E-06
852	490736.72	3860685.12	8.95E-03	8.98E-03	9.34E-03	3.10E-06	9.37E-06	5.42E-06	5.44E-06	4.93E-06	2.25E-06	2.34E-06	1.04E-07	2.50E-06	5.52E-07	7.38E-07	1.17E-06	2.06E-07	1.23E-06	6.50E-06
853	490786.72	3860685.12	8.81E-03	8.83E-03	9.19E-03	3.05E-06	9.21E-06	5.33E-06	5.35E-06	4.85E-06	2.21E-06	2.30E-06	1.02E-07	2.46E-06	5.43E-07	7.26E-07	1.15E-06	2.03E-07	1.21E-06	6.40E-06
854	490136.72	3860735.12	1.07E-02	1.07E-02	1.12E-02	3.71E-06	1.12E-05	6.48E-06	6.49E-06	5.89E-06	2.69E-06	2.80E-06	1.24E-07	2.99E-06	6.60E-07	8.82E-07	1.40E-06	2.46E-07	1.47E-06	7.77E-06
855	490186.72	3860735.12	1.05E-02	1.05E-02	1.09E-02	3.62E-06	1.09E-05	6.34E-06	6.35E-06	5.76E-06	2.63E-06	2.74E-06	1.21E-07	2.92E-06	6.45E-07	8.62E-07	1.37E-06	2.41E-07	1.44E-06	7.60E-06
856	490236.72	3860735.12	1.02E-02	1.03E-02	1.07E-02	3.55E-06	1.07E-05	6.21E-06	6.22E-06	5.64E-06	2.57E-06	2.69E-06	1.19E-07	2.86E-06	6.32E-07	8.45E-07	1.34E-06	2.36E-07	1.41E-06	7.44E-06
857	490286.72	3860735.12	1.00E-02	1.01E-02	1.05E-02	3.48E-06	1.05E-05	6.08E-06	6.10E-06	5.53E-06	2.52E-06	2.63E-06	1.16E-07	2.81E-06	6.20E-07	8.28E-07	1.31E-06	2.32E-07	1.38E-06	7.30E-06
858	490336.72	3860735.12	9.85E-03	9.87E-03	1.03E-02	3.41E-06	1.03E-05	5.97E-06	5.98E-06	5.42E-06	2.47E-06	2.58E-06	1.14E-07	2.75E-06	6.07E-07	8.12E-07	1.29E-06	2.27E-07	1.35E-06	7.16E-06
859	490386.72	3860735.12	9.67E-03	9.69E-03	1.01E-02	3.35E-06	1.01E-05	5.86E-06	5.87E-06	5.32E-06	2.43E-06	2.53E-06	1.12E-07	2.70E-06	5.96E-07	7.97E-07	1.26E-06	2.23E-07	1.33E-06	7.02E-06
860	490436.72	3860735.12	9.51E-03	9.53E-03	9.93E-03	3.29E-06	9.95E-06	5.76E-06	5.77E-06	5.23E-06	2.39E-06	2.49E-06	1.10E-07	2.66E-06	5.86E-07	7.84E-07	1.24E-06	2.19E-07	1.31E-06	6.91E-06
861	490486.72	3860735.12	9.32E-03	9.35E-03	9.74E-03	3.23E-06	9.75E-06	5.65E-06	5.66E-06	5.13E-06	2.34E-06	2.44E-06	1.08E-07	2.61E-06	5.75E-07	7.69E-07	1.22E-06	2.15E-07	1.28E-06	6.77E-06
862	490536.72	3860735.12	9.14E-03	9.16E-03	9.54E-03	3.17E-06	9.56E-06	5.53E-06	5.55E-06	5.03E-06	2.30E-06	2.39E-06	1.06E-07	2.55E-06	5.64E-07	7.54E-07	1.20E-06	2.11E-07	1.25E-06	6.64E-06
863	490586.72	3860735.12	8.97E-03	9.00E-03	9.37E-03	3.11E-06	9.39E-06	5.44E-06	5.45E-06	4.94E-06	2.26E-06	2.35E-06	1.04E-07	2.51E-06	5.54E-07	7.40E-07	1.17E-06	2.07E-07	1.23E-06	6.52E-06
864	490636.72	3860735.12	8.82E-03	8.85E-03	9.21E-03	3.06E-06	9.23E-06	5.34E-06	5.36E-06	4.86E-06	2.22E-06	2.31E-06	1.02E-07	2.47E-06	5.44E-07	7.28E-07	1.15E-06	2.03E-07	1.21E-06	6.41E-06
865	490686.72	3860735.12	8.69E-03	8.71E-03	9.07E-03	3.01E-06	9.09E-06	5.26E-06	5.28E-06	4.78E-06	2.18E-06	2.27E-06	1.01E-07	2.43E-06	5.36E-07	7.17E-07	1.14E-06	2.00E-07	1.19E-06	6.31E-06
866	490736.72	3860735.12	8.55E-03	8.58E-03	8.93E-03	2.96E-06	8.95E-06	5.18E-06	5.20E-06	4.71E-06	2.15E-06	2.24E-06	9.90E-08	2.39E-06	5.28E-07	7.06E-07	1.12E-06	1.97E-07	1.17E-06	6.21E-06
867	490136.72	3860785.12	9.95E-03	9.97E-03	1.04E-02	3.45E-06	1.04E-05	6.03E-06	6.04E-06	5.48E-06	2.50E-06	2.61E-06	1.15E-07	2.78E-06	6.14E-07	8.20E-07	1.30E-06	2.29E-07	1.37E-06	7.23E-06
868	490186.72	3860785.12	9.77E-03	9.79E-03	1.02E-02	3.39E-06	1.02E-05	5.92E-06	5.93E-06	5.38E-06	2.45E-06	2.56E-06	1.13E-07	2.73E-06	6.03E-07	8.06E-07	1.28E-06	2.25E-07	1.34E-06	7.10E-06
869	490236.72	3860785.12	9.59E-03	9.62E-03	1.00E-02	3.32E-06	1.00E-05	5.81E-06	5.83E-06	5.28E-06	2.41E-06	2.51E-06	1.11E-07	2.68E-06	5.92E-07	7.91E-07	1.25E-06	2.21E-07	1.32E-06	6.97E-06
870	490286.72	3860785.12	9.42E-03	9.45E-03	9.85E-03	3.27E-06	9.86E-06	5.71E-06	5.72E-06	5.19E-06	2.37E-06	2.47E-06	1.09E-07	2.63E-06	5.81E-07	7.77E-07	1.23E-06	2.17E-07	1.30E-06	6.85E-06
871	490336.72	3860785.12	9.26E-03	9.29E-03	9.68E-03	3.21E-06	9.69E-06	5.61E-06	5.62E-06	5.10E-06	2.33E-06	2.42E-06	1.07E-07	2.59E-06	5.71E-07	7.64E-07	1.21E-06	2.14E-07	1.27E-06	6.73E-06
872	490386.72	3860785.12	9.12E-03	9.14E-03	9.53E-03	3.16E-06	9.54E-06	5.52E-06	5.54E-06	5.02E-06	2.29E-06	2.39E-06	1.06E-07	2.55E-06	5.62E-07	7.52E-07	1.19E-06	2.10E-07	1.25E-06	6.62E-06
873	490436.72	3860785.12	8.96E-03	8.99E-03	9.36E-03	3.11E-06	9.38E-06	5.43E-06	5.44E-06	4.94E-06	2.25E-06	2.35E-06	1.04E-07	2.51E-06	5.53E-07	7.39E-07	1.17E-06	2.07E-07	1.23E-06	6.51E-06
874	490486.72	3860785.12	8.83E-03	8.85E-03	9.22E-03	3.06E-06	9.23E-06	5.35E-06	5.36E-06	4.86E-06	2.22E-06	2.31E-06	1.02E-07	2.47E-06	5.44E-07	7.28E-07	1.15E-06	2.04E-07	1.21E-06	6.41E-06
875	490536.72	3860785.12	8.67E-03	8.70E-03	9.06E-03	3.01E-06	9.07E-06	5.25E-06	5.27E-06	4.78E-06	2.18E-06	2.27E-06	1.00E-07	2.42E-06	5.35E-07	7.15E-07	1.13E-06	2.00E-07	1.19E-06	6.30E-06
876	490586.72	3860785.12	8.51E-03	8.54E-03	8.89E-03	2.95E-06	8.91E-06	5.16E-06	5.17E-06	4.69E-06	2.14E-06	2.23E-06	9.85E-08	2.38E-06	5.25E-07	7.02E-07	1.11E-06	1.96E-07	1.17E-06	6.18E-06
877	490636.72	3860785.12	8.38E-03	8.40E-03	8.74E-03	2.90E-06	8.76E-06	5.07E-06	5.09E-06	4.61E-06	2.11E-06	2.19E-06	9.69E-08	2.34E-06	5.17E-07	6.91E-07	1.10E-06	1.93E-07	1.15E-06	6.08E-06
878	490686.72	3860785.12	8.25E-03	8.28E-03	8.61E-03	2.86E-06	8.63E-06	5.00E-06	5.01E-06	4.55E-06	2.07E-06	2.16E-06	9.55E-08	2.31E-06	5.09E-07	6.81E-07	1.08E-06	1.90E-07	1.13E-06	5.99E-06
879	490736.72	3860785.12	8.14E-03	8.17E-03	8.49E-03	2.82E-06	8.52E-06	4.93E-06	4.95E-06	4.48E-06	2.05E-06	2.13E-06	9.42E-08	2.28E-06	5.02E-07	6.72E-07	1.07E-06	1.88E-07	1.12E-06	5.91E-06
880	490086.72	3860835.12	9.40E-03	9.42E-03	9.83E-03	3.26E-06	9.83E-06	5.69E-06	5.71E-06	5.17E-06	2.36E-06	2.46E-06	1.09E-07	2.63E-06	5.80E-07	7.75E-07	1.23E-06	2.17E-07	1.29E-06	6.83E-06
881	490136.72	3860835.12	9.27E-03	9.29E-03	9.69E-03	3.21E-06	9.70E-06	5.61E-06	5.63E-06	5.10E-06	2.33E-06	2.43E-06	1.07E-07	2.59E-06	5.72E-07	7.64E-07	1.21E-06	2.14E-07	1.27E-06	6.73E-06
882	490186.72	3860835.12	9.11E-03	9.14E-03	9.53E-03	3.16E-06	9.54E-06	5.52E-06	5.54E-06	5.02E-06	2.29E-06	2.39E-06	1.05E-07	2.55E-06	5.62E-07	7.52E-07	1.19E-06	2.10E-07	1.25E-06	6.62E-06
883	490236.72	3860835.12	8.97E-03	8.99E-03	9.37E-03	3.11E-06	9.39E-06	5.43E-06	5.45E-06	4.94E-06	2.25E-06	2.35E-06	1.04E-07	2.51E-06	5.53E-07	7.40E-07	1.17E-06	2.07E-07	1.23E-06	6.52E-06
884	490286.72	3860835.12	8.83E-03	8.86E-03	9.23E-03	3.06E-06	9.24E-06	5.35E-06	5.37E-06	4.87E-06	2.22E-06	2.31E-06	1.02E-07	2.47E-06	5.45E-07	7.29E-07	1.16E-06	2.04E-07	1.21E-06	6.42E-06
885	490336.72	3860835.12	8.70E-03	8.72E-03	9.08E-03	3.01E-06	9.10E-06	5.27E-06	5.28E-06	4.79E-06	2.19E-06	2.28E-06	1.01E-07	2.43E-06	5.36E-07	7.17E-07	1.14E-06	2.01E-07	1.19E-06	6.32E-06
886	490386.72	3860835.12	8.56E-03	8.59E-03	8.94E-03	2.97E-06	8.96E-06	5.19E-06	5.20E-06	4.72E-06	2.15E-06	2.24E-06	9.91E-08	2.39E-06	5.28E-07	7.06E-07	1.12E-06	1.97E-07	1.18E-06	6.22E-06
887	490436.72	3860835.12	8.44E-03	8.47E-03	8.82E-03	2.93E-06	8.84E-06	5.12E-06	5.13E-06	4.65E-06	2.12E-06	2.21E-06	9.77E-08	2.36E-06	5.21E-07	6.97E-07	1.11E-06	1.95E-07	1.16E-06	6.13E-06
888	490486.72	3860835.12	8.32E-03	8.35E-03	8.69E-03	2.88E-06	8.71E-06	5.04E-06	5.06E-06	4.58E-06	2.09E-06	2.18E-06	9.63E-08	2.33E-06	5.13E-07	6.87E-07	1.09E-06	1.92E-07	1.14E-06	6.05E-06
889	490536.72	3860835.12	8.20E-03	8.23E-03	8.56E-03	2.84E-06	8.58E-06	4.97E-06	4.98E-06	4.52E-06	2.06E-06	2.14E-06	9.49E-08	2.29E-06	5.06E-07	6.77E-07	1.07E-06	1.89E-07	1.13E-06	5.96E-06
890	490586.72	3860835.12	8.07E-03	8.10E-03	8.42E-03	2.80E-06	8.45E-06	4.89E-06	4.91E-06	4.45E-06	2.03E-06	2.11E-06	9.34E-08	2.26E-06	4.98E-07	6.66E-07	1.06E-06	1.86E-07	1.11E-06	5.86E-06
891	490636.72	3860835.12	7.95E-03	7.97E-03	8.29E-03	2.75E-06	8.32E-06	4.81E-06	4.83E-06	4.38E-06	2.00E-06	2.08E-06	9.20E-08	2.22E-06	4.90E-07	6.56E-07	1.04E-06	1.83E-07	1.09E-06	5.77E-06
892	490686.72	3860835.12	7.84E-03	7.86E-03	8.18E-03	2.72E-06	8.20E-06	4.75E-06	4.76E-06	4.32E-06	1.97E-06	2.05E-06	9.07E-08	2.19E-06	4.83E-07	6.47E-07	1.03E-06	1.81E-07	1.08E-06	5.69E-06
893	490736.72	3860835.12	7.74E-03	7.77E-03	8.07E-03	2.68E-06	8.10E-06	4.69E-06	4.70E-06	4.26E-06	1.95E-06	2.02E-06	8.96E-08	2.16E-06	4.77E-07	6.39E-07	1.01E-06	1.79E-07	1.06E-06	5.62E-06
894	490086.72	3860885.12	8.72E-03	8.75E-03	9.12E-03	3.02E-06	9.13E-06	5.28E-06	5.30E-06	4.80E-06	2.19E-06	2.28E-06	1.01E-07	2.44E-06	5.38E-07	7.19E-07	1.14E-06	2.01E-07	1.20E-06	6.34E-06

895	490136.72	3860885.12	8.61E-03	8.64E-03	9.00E-03	2.98E-06	9.01E-06	5.22E-06	5.23E-06	4.74E-06	2.16E-06	2.26E-06	9.97E-08	2.41E-06	5.31E-07	7.10E-07	1.13E-06	1.99E-07	1.18E-06	6.26E-06
896	490186.72	3860885.12	8.50E-03	8.52E-03	8.88E-03	2.94E-06	8.89E-06	5.15E-06	5.16E-06	4.68E-06	2.14E-06	2.22E-06	9.83E-08	2.38E-06	5.24E-07	7.01E-07	1.11E-06	1.96E-07	1.17E-06	6.17E-06
897	490236.72	3860885.12	8.38E-03	8.41E-03	8.76E-03	2.91E-06	8.77E-06	5.08E-06	5.09E-06	4.62E-06	2.11E-06	2.19E-06	9.70E-08	2.34E-06	5.17E-07	6.92E-07	1.10E-06	1.93E-07	1.15E-06	6.09E-06
898	490286.72	3860885.12	8.27E-03	8.30E-03	8.64E-03	2.87E-06	8.66E-06	5.01E-06	5.03E-06	4.56E-06	2.08E-06	2.16E-06	9.57E-08	2.31E-06	5.10E-07	6.82E-07	1.08E-06	1.91E-07	1.14E-06	6.01E-06
899	490336.72	3860885.12	8.16E-03	8.18E-03	8.52E-03	2.83E-06	8.53E-06	4.94E-06	4.96E-06	4.49E-06	2.05E-06	2.13E-06	9.44E-08	2.28E-06	5.03E-07	6.73E-07	1.07E-06	1.88E-07	1.12E-06	5.93E-06
900	490386.72	3860885.12	8.05E-03	8.08E-03	8.41E-03	2.79E-06	8.43E-06	4.88E-06	4.89E-06	4.44E-06	2.02E-06	2.11E-06	9.32E-08	2.25E-06	4.97E-07	6.64E-07	1.05E-06	1.86E-07	1.11E-06	5.85E-06
901	490436.72	3860885.12	7.95E-03	7.98E-03	8.30E-03	2.76E-06	8.32E-06	4.82E-06	4.83E-06	4.38E-06	2.00E-06	2.08E-06	9.20E-08	2.22E-06	4.91E-07	6.56E-07	1.04E-06	1.83E-07	1.09E-06	5.78E-06
902	490486.72	3860885.12	7.85E-03	7.87E-03	8.19E-03	2.72E-06	8.21E-06	4.75E-06	4.77E-06	4.32E-06	1.97E-06	2.05E-06	9.08E-08	2.19E-06	4.84E-07	6.48E-07	1.03E-06	1.81E-07	1.08E-06	5.70E-06
903	490536.72	3860885.12	7.74E-03	7.77E-03	8.08E-03	2.68E-06	8.10E-06	4.69E-06	4.71E-06	4.27E-06	1.95E-06	2.02E-06	8.96E-08	2.16E-06	4.78E-07	6.39E-07	1.01E-06	1.79E-07	1.06E-06	5.63E-06
904	490586.72	3860885.12	7.64E-03	7.66E-03	7.97E-03	2.65E-06	7.99E-06	4.63E-06	4.64E-06	4.21E-06	1.92E-06	2.00E-06	8.84E-08	2.14E-06	4.71E-07	6.30E-07	1.00E-06	1.76E-07	1.05E-06	5.55E-06
905	490636.72	3860885.12	7.53E-03	7.56E-03	7.86E-03	2.61E-06	7.88E-06	4.56E-06	4.58E-06	4.15E-06	1.89E-06	1.97E-06	8.72E-08	2.11E-06	4.65E-07	6.22E-07	9.86E-07	1.74E-07	1.03E-06	5.47E-06
906	490686.72	3860885.12	7.43E-03	7.46E-03	7.75E-03	2.58E-06	7.78E-06	4.50E-06	4.52E-06	4.10E-06	1.87E-06	1.94E-06	8.60E-08	2.08E-06	4.59E-07	6.13E-07	9.73E-07	1.72E-07	1.02E-06	5.40E-06
907	490736.72	3860885.12	7.34E-03	7.37E-03	7.65E-03	2.54E-06	7.68E-06	4.45E-06	4.46E-06	4.04E-06	1.85E-06	1.92E-06	8.49E-08	2.05E-06	4.53E-07	6.06E-07	9.61E-07	1.69E-07	1.01E-06	5.33E-06
908	490086.72	3860935.12	8.08E-03	8.11E-03	8.44E-03	2.80E-06	8.46E-06	4.90E-06	4.91E-06	4.45E-06	2.03E-06	2.12E-06	9.35E-08	2.26E-06	4.99E-07	6.67E-07	1.06E-06	1.86E-07	1.11E-06	5.87E-06
909	490136.72	3860935.12	7.99E-03	8.01E-03	8.35E-03	2.77E-06	8.36E-06	4.84E-06	4.85E-06	4.40E-06	2.01E-06	2.09E-06	9.25E-08	2.23E-06	4.93E-07	6.59E-07	1.05E-06	1.84E-07	1.10E-06	5.81E-06
910	490186.72	3860935.12	7.91E-03	7.94E-03	8.26E-03	2.74E-06	8.28E-06	4.79E-06	4.81E-06	4.36E-06	1.99E-06	2.07E-06	9.16E-08	2.21E-06	4.88E-07	6.53E-07	1.04E-06	1.82E-07	1.09E-06	5.75E-06
911	490236.72	3860935.12	7.83E-03	7.85E-03	8.17E-03	2.71E-06	8.19E-06	4.74E-06	4.76E-06	4.31E-06	1.97E-06	2.05E-06	9.06E-08	2.19E-06	4.83E-07	6.46E-07	1.02E-06	1.81E-07	1.07E-06	5.69E-06
912	490286.72	3860935.12	7.74E-03	7.77E-03	8.09E-03	2.68E-06	8.10E-06	4.69E-06	4.71E-06	4.27E-06	1.95E-06	2.03E-06	8.96E-08	2.16E-06	4.78E-07	6.39E-07	1.01E-06	1.79E-07	1.06E-06	5.63E-06
913	490336.72	3860935.12	7.65E-03	7.67E-03	7.99E-03	2.65E-06	8.00E-06	4.63E-06	4.65E-06	4.21E-06	1.92E-06	2.00E-06	8.85E-08	2.14E-06	4.72E-07	6.31E-07	1.00E-06	1.76E-07	1.05E-06	5.56E-06
914	490386.72	3860935.12	7.57E-03	7.59E-03	7.90E-03	2.62E-06	7.92E-06	4.58E-06	4.60E-06	4.17E-06	1.90E-06	1.98E-06	8.76E-08	2.12E-06	4.67E-07	6.24E-07	9.91E-07	1.75E-07	1.04E-06	5.50E-06
915	490436.72	3860935.12	7.49E-03	7.51E-03	7.81E-03	2.59E-06	7.83E-06	4.54E-06	4.55E-06	4.12E-06	1.88E-06	1.96E-06	8.66E-08	2.09E-06	4.62E-07	6.18E-07	9.80E-07	1.73E-07	1.03E-06	5.44E-06
916	490486.72	3860935.12	7.40E-03	7.42E-03	7.72E-03	2.56E-06	7.74E-06	4.48E-06	4.50E-06	4.08E-06	1.86E-06	1.93E-06	8.56E-08	2.07E-06	4.56E-07	6.10E-07	9.68E-07	1.71E-07	1.01E-06	5.37E-06
917	490536.72	3860935.12	7.31E-03	7.34E-03	7.63E-03	2.53E-06	7.65E-06	4.43E-06	4.44E-06	4.03E-06	1.84E-06	1.91E-06	8.46E-08	2.04E-06	4.51E-07	6.03E-07	9.57E-07	1.69E-07	1.00E-06	5.31E-06
918	490586.72	3860935.12	7.22E-03	7.25E-03	7.53E-03	2.50E-06	7.56E-06	4.37E-06	4.39E-06	3.98E-06	1.82E-06	1.89E-06	8.36E-08	2.02E-06	4.45E-07	5.96E-07	9.45E-07	1.67E-07	9.90E-07	5.25E-06
919	490636.72	3860935.12	7.13E-03	7.16E-03	7.44E-03	2.47E-06	7.46E-06	4.32E-06	4.33E-06	3.93E-06	1.79E-06	1.86E-06	8.25E-08	1.99E-06	4.40E-07	5.89E-07	9.34E-07	1.65E-07	9.78E-07	5.18E-06
920	490686.72	3860935.12	7.05E-03	7.07E-03	7.35E-03	2.44E-06	7.37E-06	4.27E-06	4.28E-06	3.88E-06	1.77E-06	1.84E-06	8.15E-08	1.97E-06	4.35E-07	5.82E-07	9.23E-07	1.63E-07	9.66E-07	5.12E-06
921	490736.72	3860935.12	6.96E-03	6.99E-03	7.26E-03	2.41E-06	7.29E-06	4.22E-06	4.23E-06	3.84E-06	1.75E-06	1.82E-06	8.06E-08	1.95E-06	4.30E-07	5.75E-07	9.12E-07	1.61E-07	9.54E-07	5.06E-06
922	490786.72	3860935.12	6.89E-03	6.91E-03	7.17E-03	2.39E-06	7.20E-06	4.17E-06	4.19E-06	3.79E-06	1.73E-06	1.80E-06	7.97E-08	1.92E-06	4.25E-07	5.68E-07	9.02E-07	1.59E-07	9.43E-07	5.00E-06
923	490836.72	3860935.12	6.82E-03	6.84E-03	7.10E-03	2.36E-06	7.13E-06	4.13E-06	4.15E-06	3.76E-06	1.71E-06	1.78E-06	7.89E-08	1.91E-06	4.21E-07	5.63E-07	8.93E-07	1.57E-07	9.34E-07	4.95E-06
924	490086.72	3860985.12	7.51E-03	7.53E-03	7.84E-03	2.60E-06	7.85E-06	4.55E-06	4.56E-06	4.13E-06	1.89E-06	1.96E-06	8.69E-08	2.10E-06	4.63E-07	6.19E-07	9.82E-07	1.73E-07	1.03E-06	5.45E-06
925	490136.72	3860985.12	7.44E-03	7.47E-03	7.77E-03	2.58E-06	7.79E-06	4.51E-06	4.52E-06	4.10E-06	1.87E-06	1.95E-06	8.61E-08	2.08E-06	4.59E-07	6.14E-07	9.74E-07	1.72E-07	1.02E-06	5.41E-06
926	490186.72	3860985.12	7.39E-03	7.41E-03	7.71E-03	2.56E-06	7.73E-06	4.47E-06	4.49E-06	4.07E-06	1.86E-06	1.93E-06	8.55E-08	2.06E-06	4.56E-07	6.09E-07	9.67E-07	1.70E-07	1.01E-06	5.37E-06
927	490236.72	3860985.12	7.31E-03	7.34E-03	7.63E-03	2.53E-06	7.65E-06	4.43E-06	4.44E-06	4.03E-06	1.84E-06	1.91E-06	8.46E-08	2.04E-06	4.51E-07	6.03E-07	9.57E-07	1.69E-07	1.00E-06	5.31E-06
928	490286.72	3860985.12	7.24E-03	7.27E-03	7.56E-03	2.51E-06	7.58E-06	4.39E-06	4.40E-06	3.99E-06	1.82E-06	1.89E-06	8.38E-08	2.02E-06	4.47E-07	5.98E-07	9.48E-07	1.67E-07	9.94E-07	5.26E-06
929	490336.72	3860985.12	7.17E-03	7.20E-03	7.49E-03	2.49E-06	7.51E-06	4.35E-06	4.36E-06	3.95E-06	1.80E-06	1.88E-06	8.30E-08	2.01E-06	4.43E-07	5.92E-07	9.39E-07	1.66E-07	9.84E-07	5.21E-06
930	490386.72	3860985.12	7.11E-03	7.13E-03	7.41E-03	2.46E-06	7.44E-06	4.31E-06	4.32E-06	3.92E-06	1.79E-06	1.86E-06	8.22E-08	1.99E-06	4.38E-07	5.86E-07	9.30E-07	1.64E-07	9.75E-07	5.16E-06
931	490436.72	3860985.12	7.05E-03	7.07E-03	7.35E-03	2.44E-06	7.37E-06	4.27E-06	4.28E-06	3.88E-06	1.77E-06	1.84E-06	8.16E-08	1.97E-06	4.35E-07	5.82E-07	9.23E-07	1.63E-07	9.67E-07	5.12E-06
932	490486.72	3860985.12	6.97E-03	7.00E-03	7.27E-03	2.42E-06	7.30E-06	4.22E-06	4.24E-06	3.84E-06	1.75E-06	1.82E-06	8.07E-08	1.95E-06	4.30E-07	5.76E-07	9.13E-07	1.61E-07	9.56E-07	5.07E-06
933	490536.72	3860985.12	6.90E-03	6.92E-03	7.19E-03	2.39E-06	7.22E-06	4.18E-06	4.19E-06	3.80E-06	1.73E-06	1.80E-06	7.98E-08	1.93E-06	4.25E-07	5.69E-07	9.03E-07	1.59E-07	9.46E-07	5.01E-06
934	490586.72	3860985.12	6.82E-03	6.85E-03	7.11E-03	2.36E-06	7.14E-06	4.13E-06	4.15E-06	3.76E-06	1.72E-06	1.78E-06	7.90E-08	1.91E-06	4.21E-07	5.63E-07	8.93E-07	1.57E-07	9.35E-07	4.96E-06
935	490636.72	3860985.12	6.75E-03	6.78E-03	7.04E-03	2.34E-06	7.07E-06	4.09E-06	4.11E-06	3.72E-06	1.70E-06	1.76E-06	7.81E-08	1.89E-06	4.17E-07	5.57E-07	8.84E-07	1.56E-07	9.25E-07	4.91E-06
936	490686.72	3860985.12	6.68E-03	6.70E-03	6.96E-03	2.31E-06	6.99E-06	4.04E-06	4.06E-06	3.68E-06	1.68E-06	1.74E-06	7.73E-08	1.87E-06	4.12E-07	5.51E-07	8.74E-07	1.54E-07	9.15E-07	4.85E-06
937	490736.72	3860985.12	6.60E-03	6.63E-03	6.88E-03	2.29E-06	6.91E-06	4.00E-06	4.01E-06	3.64E-06	1.66E-06	1.72E-06	7.64E-08	1.85E-06	4.07E-07	5.45E-07	8.65E-07	1.52E-07	9.05E-07	4.80E-06
938	490786.72	3860985.12	6.54E-03	6.56E-03	6.81E-03	2.27E-06	6.84E-06	3.96E-06	3.97E-06	3.60E-06	1.64E-06	1.71E-06	7.56E-08	1.83E-06	4.03E-07	5.40E-07	8.56E-07	1.51E-07	8.95E-07	4.75E-06
939	490836.72	3860985.12	6.48E-03	6.50E-03	6.74E-03	2.24E-06	6.78E-06	3.92E-06	3.94E-06	3.57E-06	1.63E-06	1.69E-06	7.49E-08	1.81E-06	3.99E-07	5.35E-07	8.48E-07	1.49E-07	8.87E-07	4.70E-06
940	490086.72	3861035.12	6.98E-03	7.00E-03	7.28E-03	2.42E-06	7.30E-06	4.23E-06	4.24E-06	3.84E-06	1.75E-06	1.82E-06	8.07E-08	1.95E-06	4.30E-07	5.76E-07	9.13E-07	1.61E-07	9.57E-07	5.07E-06
941	490136.72	3861035.12	6.93E-03	6.96E-03	7.23E-03	2.40E-06	7.26E-06	4.20E-06	4.21E-06	3.82E-06	1.74E-06	1.81E-06	8.02E-08	1.94E-06	4.28E-07	5.72E-07	9.08E-07	1.60E-07	9.51E-07	5.04E-06
942	490186.72	3861035.12	6.89E-03	6.91E-03	7.18E-03	2.39E-06	7.21E-06	4.17E-06	4.19E-06	3.79E-06	1.73E-06	1.80E-06	7.97E-08	1.92E-06	4.25E-07	5.68E-07	9.01E-07	1.59E-07	9.45E-07	5.00E-06
943	490236.72	3861035.12	6.84E-03	6.86E-03	7.13E-03	2.37E-06	7.16E-06	4.14E-06	4.16E-06	3.77E-06	1.72E-06	1.79E-06	7.92E-08	1.91E-06	4.22E-07	5.64E-07	8.95E-07	1.58E-07	9.38E-07	4.97E-06
944	490286.72	3861035.12	6.78E-03	6.81E-03	7.07E-03	2.35E-06	7.10E-06	4.11E-06	4.12E-06	3.74E-06	1.71E-06	1.77E-06	7.85E-08	1.90E-06	4.18E-07	5.60E-07	8.88E-07	1.56E-07	9.30E-07	4.93E-06
945	490336.72	3861035.12	6.73E-03	6.75E-03	7.01E-03	2.33E-06	7.04E-06	4.07E-06	4.09E-06	3.71E-06	1.69E-06	1.76E-06	7.78E-08	1.88E-06	4.15E-07	5.55E-07	8.81E-07	1.55E-07	9.22E-07	4.89E-06
946	490386.72	3861035.12	6.68E-03	6.70E-03	6.97E-03	2.32E-06	6.99E-06	4.05E-06	4.06E-06	3.68E-06	1.68E-06	1.75E-06	7.73E-08	1.87E-06	4.12E-07	5.51E-07	8.75E-07	1.54E-07	9.16E-07	4.85E-06
947	490436.72	3861035.12	6.63E-03	6.66E-03	6.92E-03	2.30E-06	6.94E-06	4.02E-06	4.03E-06	3.66E-06	1.67E-06	1.73E-06	7.68E-08	1.85E-06	4.09E-07	5.48E-07	8.69E-07	1.53E-07	9.10E-07	4.82E-06

948	490486.72	3861035.12	6.58E-03	6.60E-03	6.86E-03	2.28E-06	6.88E-06	3.98E-06	4.00E-06	3.62E-06	1.65E-06	1.72E-06	7.61E-08	1.84E-06	4.06E-07	5.43E-07	8.61E-07	1.52E-07	9.02E-07	4.78E-06
949	490536.72	3861035.12	6.52E-03	6.54E-03	6.79E-03	2.26E-06	6.82E-06	3.95E-06	3.96E-06	3.59E-06	1.64E-06	1.70E-06	7.54E-08	1.82E-06	4.02E-07	5.38E-07	8.53E-07	1.50E-07	8.93E-07	4.73E-06
950	490586.72	3861035.12	6.45E-03	6.47E-03	6.72E-03	2.24E-06	6.75E-06	3.91E-06	3.92E-06	3.56E-06	1.62E-06	1.68E-06	7.47E-08	1.80E-06	3.98E-07	5.33E-07	8.45E-07	1.49E-07	8.84E-07	4.69E-06
951	490636.72	3861035.12	6.39E-03	6.41E-03	6.65E-03	2.21E-06	6.68E-06	3.87E-06	3.88E-06	3.52E-06	1.61E-06	1.67E-06	7.39E-08	1.79E-06	3.94E-07	5.27E-07	8.36E-07	1.47E-07	8.75E-07	4.64E-06
952	490686.72	3861035.12	6.32E-03	6.35E-03	6.59E-03	2.19E-06	6.62E-06	3.83E-06	3.85E-06	3.49E-06	1.59E-06	1.65E-06	7.32E-08	1.77E-06	3.90E-07	5.22E-07	8.28E-07	1.46E-07	8.66E-07	4.59E-06
953	490736.72	3861035.12	6.26E-03	6.29E-03	6.52E-03	2.17E-06	6.55E-06	3.79E-06	3.81E-06	3.45E-06	1.57E-06	1.63E-06	7.25E-08	1.75E-06	3.86E-07	5.17E-07	8.20E-07	1.45E-07	8.58E-07	4.55E-06
954	490786.72	3861035.12	6.21E-03	6.23E-03	6.46E-03	2.15E-06	6.49E-06	3.76E-06	3.77E-06	3.42E-06	1.56E-06	1.62E-06	7.18E-08	1.73E-06	3.83E-07	5.12E-07	8.13E-07	1.43E-07	8.50E-07	4.51E-06
955	490836.72	3861035.12	6.15E-03	6.18E-03	6.40E-03	2.13E-06	6.44E-06	3.73E-06	3.74E-06	3.39E-06	1.55E-06	1.60E-06	7.12E-08	1.72E-06	3.79E-07	5.08E-07	8.06E-07	1.42E-07	8.42E-07	4.47E-06
956	490086.72	3861085.12	6.50E-03	6.52E-03	6.77E-03	2.25E-06	6.80E-06	3.94E-06	3.95E-06	3.58E-06	1.63E-06	1.70E-06	7.52E-08	1.82E-06	4.01E-07	5.36E-07	8.51E-07	1.50E-07	8.91E-07	4.72E-06
957	490136.72	3861085.12	6.47E-03	6.50E-03	6.75E-03	2.24E-06	6.77E-06	3.92E-06	3.94E-06	3.57E-06	1.63E-06	1.69E-06	7.49E-08	1.81E-06	3.99E-07	5.34E-07	8.48E-07	1.49E-07	8.88E-07	4.70E-06
958	490186.72	3861085.12	6.45E-03	6.47E-03	6.73E-03	2.24E-06	6.75E-06	3.91E-06	3.92E-06	3.55E-06	1.62E-06	1.69E-06	7.47E-08	1.80E-06	3.98E-07	5.32E-07	8.45E-07	1.49E-07	8.84E-07	4.69E-06
959	490236.72	3861085.12	6.41E-03	6.43E-03	6.68E-03	2.22E-06	6.70E-06	3.88E-06	3.90E-06	3.53E-06	1.61E-06	1.67E-06	7.42E-08	1.79E-06	3.95E-07	5.29E-07	8.39E-07	1.48E-07	8.78E-07	4.65E-06
960	490286.72	3861085.12	6.36E-03	6.39E-03	6.63E-03	2.21E-06	6.66E-06	3.86E-06	3.87E-06	3.51E-06	1.60E-06	1.66E-06	7.37E-08	1.78E-06	3.93E-07	5.25E-07	8.33E-07	1.47E-07	8.72E-07	4.62E-06
961	490336.72	3861085.12	6.32E-03	6.34E-03	6.59E-03	2.19E-06	6.61E-06	3.83E-06	3.84E-06	3.48E-06	1.59E-06	1.65E-06	7.31E-08	1.77E-06	3.90E-07	5.22E-07	8.27E-07	1.46E-07	8.66E-07	4.59E-06
962	490386.72	3861085.12	6.29E-03	6.31E-03	6.55E-03	2.18E-06	6.58E-06	3.81E-06	3.82E-06	3.46E-06	1.58E-06	1.64E-06	7.27E-08	1.76E-06	3.88E-07	5.19E-07	8.23E-07	1.45E-07	8.61E-07	4.57E-06
963	490436.72	3861085.12	6.24E-03	6.27E-03	6.51E-03	2.16E-06	6.53E-06	3.78E-06	3.80E-06	3.44E-06	1.57E-06	1.63E-06	7.23E-08	1.75E-06	3.85E-07	5.15E-07	8.18E-07	1.44E-07	8.55E-07	4.53E-06
964	490486.72	3861085.12	6.20E-03	6.22E-03	6.46E-03	2.15E-06	6.49E-06	3.75E-06	3.77E-06	3.42E-06	1.56E-06	1.62E-06	7.17E-08	1.73E-06	3.82E-07	5.12E-07	8.12E-07	1.43E-07	8.49E-07	4.50E-06
965	490536.72	3861085.12	6.16E-03	6.18E-03	6.41E-03	2.13E-06	6.44E-06	3.73E-06	3.74E-06	3.39E-06	1.55E-06	1.61E-06	7.12E-08	1.72E-06	3.80E-07	5.08E-07	8.06E-07	1.42E-07	8.43E-07	4.47E-06
966	490586.72	3861085.12	6.10E-03	6.13E-03	6.36E-03	2.12E-06	6.39E-06	3.70E-06	3.71E-06	3.36E-06	1.53E-06	1.59E-06	7.06E-08	1.71E-06	3.76E-07	5.04E-07	7.99E-07	1.41E-07	8.36E-07	4.43E-06
967	490636.72	3861085.12	6.04E-03	6.07E-03	6.29E-03	2.09E-06	6.32E-06	3.66E-06	3.68E-06	3.33E-06	1.52E-06	1.58E-06	6.99E-08	1.69E-06	3.73E-07	4.99E-07	7.92E-07	1.40E-07	8.28E-07	4.39E-06
968	490686.72	3861085.12	5.99E-03	6.01E-03	6.24E-03	2.08E-06	6.27E-06	3.63E-06	3.64E-06	3.30E-06	1.51E-06	1.56E-06	6.93E-08	1.67E-06	3.70E-07	4.95E-07	7.85E-07	1.38E-07	8.20E-07	4.35E-06
969	490736.72	3861085.12	5.94E-03	5.96E-03	6.18E-03	2.06E-06	6.22E-06	3.60E-06	3.61E-06	3.27E-06	1.49E-06	1.55E-06	6.87E-08	1.66E-06	3.66E-07	4.90E-07	7.78E-07	1.37E-07	8.13E-07	4.31E-06
970	490786.72	3861085.12	5.89E-03	5.91E-03	6.13E-03	2.04E-06	6.16E-06	3.57E-06	3.58E-06	3.25E-06	1.48E-06	1.54E-06	6.82E-08	1.65E-06	3.63E-07	4.86E-07	7.72E-07	1.36E-07	8.06E-07	4.28E-06
971	490836.72	3861085.12	5.84E-03	5.87E-03	6.08E-03	2.03E-06	6.11E-06	3.54E-06	3.55E-06	3.22E-06	1.47E-06	1.52E-06	6.76E-08	1.63E-06	3.60E-07	4.83E-07	7.65E-07	1.35E-07	8.00E-07	4.24E-06
972	490086.72	3861135.12	6.06E-03	6.09E-03	6.32E-03	2.10E-06	6.35E-06	3.67E-06	3.69E-06	3.34E-06	1.52E-06	1.58E-06	7.02E-08	1.70E-06	3.74E-07	5.01E-07	7.94E-07	1.40E-07	8.31E-07	4.40E-06
973	490136.72	3861135.12	6.05E-03	6.07E-03	6.30E-03	2.10E-06	6.33E-06	3.66E-06	3.68E-06	3.33E-06	1.52E-06	1.58E-06	7.00E-08	1.69E-06	3.73E-07	4.99E-07	7.92E-07	1.40E-07	8.29E-07	4.39E-06
974	490186.72	3861135.12	6.03E-03	6.05E-03	6.28E-03	2.09E-06	6.31E-06	3.65E-06	3.67E-06	3.32E-06	1.52E-06	1.57E-06	6.98E-08	1.69E-06	3.72E-07	4.98E-07	7.90E-07	1.39E-07	8.26E-07	4.38E-06
975	490236.72	3861135.12	6.01E-03	6.03E-03	6.26E-03	2.08E-06	6.29E-06	3.64E-06	3.65E-06	3.31E-06	1.51E-06	1.57E-06	6.95E-08	1.68E-06	3.71E-07	4.96E-07	7.87E-07	1.39E-07	8.23E-07	4.36E-06
976	490286.72	3861135.12	5.98E-03	6.00E-03	6.23E-03	2.07E-06	6.26E-06	3.62E-06	3.64E-06	3.30E-06	1.50E-06	1.56E-06	6.92E-08	1.67E-06	3.69E-07	4.94E-07	7.83E-07	1.38E-07	8.19E-07	4.34E-06
977	490336.72	3861135.12	5.95E-03	5.97E-03	6.19E-03	2.06E-06	6.22E-06	3.60E-06	3.61E-06	3.28E-06	1.50E-06	1.55E-06	6.88E-08	1.66E-06	3.67E-07	4.91E-07	7.79E-07	1.37E-07	8.14E-07	4.32E-06
978	490386.72	3861135.12	5.92E-03	5.94E-03	6.16E-03	2.05E-06	6.19E-06	3.58E-06	3.60E-06	3.26E-06	1.49E-06	1.54E-06	6.85E-08	1.65E-06	3.65E-07	4.88E-07	7.75E-07	1.37E-07	8.10E-07	4.30E-06
979	490436.72	3861135.12	5.88E-03	5.90E-03	6.13E-03	2.04E-06	6.16E-06	3.56E-06	3.58E-06	3.24E-06	1.48E-06	1.54E-06	6.81E-08	1.64E-06	3.63E-07	4.86E-07	7.70E-07	1.36E-07	8.06E-07	4.27E-06
980	490486.72	3861135.12	5.85E-03	5.87E-03	6.09E-03	2.03E-06	6.12E-06	3.54E-06	3.56E-06	3.22E-06	1.47E-06	1.53E-06	6.77E-08	1.63E-06	3.61E-07	4.83E-07	7.66E-07	1.35E-07	8.01E-07	4.25E-06
981	490536.72	3861135.12	5.81E-03	5.84E-03	6.05E-03	2.01E-06	6.08E-06	3.52E-06	3.53E-06	3.20E-06	1.46E-06	1.52E-06	6.73E-08	1.62E-06	3.59E-07	4.80E-07	7.61E-07	1.34E-07	7.96E-07	4.22E-06
982	490586.72	3861135.12	5.77E-03	5.79E-03	6.01E-03	2.00E-06	6.04E-06	3.50E-06	3.51E-06	3.18E-06	1.45E-06	1.51E-06	6.68E-08	1.61E-06	3.56E-07	4.77E-07	7.56E-07	1.33E-07	7.90E-07	4.19E-06
983	490636.72	3861135.12	5.72E-03	5.75E-03	5.96E-03	1.98E-06	5.99E-06	3.47E-06	3.48E-06	3.16E-06	1.44E-06	1.49E-06	6.62E-08	1.60E-06	3.53E-07	4.73E-07	7.50E-07	1.32E-07	7.84E-07	4.16E-06
984	490686.72	3861135.12	5.68E-03	5.70E-03	5.91E-03	1.97E-06	5.95E-06	3.44E-06	3.46E-06	3.13E-06	1.43E-06	1.48E-06	6.58E-08	1.59E-06	3.50E-07	4.69E-07	7.44E-07	1.31E-07	7.78E-07	4.13E-06
985	490736.72	3861135.12	5.64E-03	5.66E-03	5.87E-03	1.95E-06	5.90E-06	3.42E-06	3.43E-06	3.11E-06	1.42E-06	1.47E-06	6.53E-08	1.58E-06	3.48E-07	4.66E-07	7.39E-07	1.30E-07	7.72E-07	4.10E-06
986	490786.72	3861135.12	5.60E-03	5.62E-03	5.83E-03	1.94E-06	5.86E-06	3.39E-06	3.41E-06	3.09E-06	1.41E-06	1.46E-06	6.48E-08	1.57E-06	3.45E-07	4.62E-07	7.33E-07	1.29E-07	7.66E-07	4.07E-06
987	490836.72	3861135.12	5.56E-03	5.58E-03	5.78E-03	1.93E-06	5.81E-06	3.37E-06	3.38E-06	3.06E-06	1.40E-06	1.45E-06	6.43E-08	1.55E-06	3.43E-07	4.59E-07	7.28E-07	1.28E-07	7.60E-07	4.04E-06
988	490086.72	3861185.12	5.68E-03	5.70E-03	5.91E-03	1.97E-06	5.94E-06	3.44E-06	3.45E-06	3.13E-06	1.43E-06	1.48E-06	6.57E-08	1.59E-06	3.50E-07	4.69E-07	7.43E-07	1.31E-07	7.77E-07	4.12E-06
989	490136.72	3861185.12	5.65E-03	5.68E-03	5.89E-03	1.96E-06	5.92E-06	3.42E-06	3.44E-06	3.12E-06	1.42E-06	1.48E-06	6.54E-08	1.58E-06	3.49E-07	4.67E-07	7.41E-07	1.31E-07	7.74E-07	4.11E-06
990	490186.72	3861185.12	5.64E-03	5.66E-03	5.87E-03	1.95E-06	5.90E-06	3.42E-06	3.43E-06	3.11E-06	1.42E-06	1.47E-06	6.53E-08	1.58E-06	3.48E-07	4.66E-07	7.39E-07	1.30E-07	7.72E-07	4.10E-06
991	490236.72	3861185.12	5.63E-03	5.65E-03	5.86E-03	1.95E-06	5.89E-06	3.41E-06	3.42E-06	3.10E-06	1.42E-06	1.47E-06	6.51E-08	1.57E-06	3.47E-07	4.65E-07	7.37E-07	1.30E-07	7.70E-07	4.09E-06
992	490286.72	3861185.12	5.62E-03	5.64E-03	5.85E-03	1.95E-06	5.88E-06	3.40E-06	3.42E-06	3.10E-06	1.41E-06	1.47E-06	6.50E-08	1.57E-06	3.46E-07	4.64E-07	7.36E-07	1.30E-07	7.69E-07	4.08E-06
993	490336.72	3861185.12	5.58E-03	5.60E-03	5.81E-03	1.93E-06	5.84E-06	3.38E-06	3.39E-06	3.08E-06	1.40E-06	1.46E-06	6.46E-08	1.56E-06	3.44E-07	4.61E-07	7.31E-07	1.29E-07	7.64E-07	4.05E-06
994	490386.72	3861185.12	5.56E-03	5.58E-03	5.79E-03	1.93E-06	5.82E-06	3.37E-06	3.38E-06	3.07E-06	1.40E-06	1.45E-06	6.44E-08	1.55E-06	3.43E-07	4.59E-07	7.29E-07	1.28E-07	7.61E-07	4.04E-06
995	490436.72	3861185.12	5.55E-03	5.57E-03	5.77E-03	1.92E-06	5.80E-06	3.36E-06	3.37E-06	3.06E-06	1.39E-06	1.45E-06	6.42E-08	1.55E-06	3.42E-07	4.58E-07	7.26E-07	1.28E-07	7.59E-07	4.03E-06
996	490486.72	3861185.12	5.52E-03	5.54E-03	5.74E-03	1.91E-06	5.77E-06	3.34E-06	3.36E-06	3.04E-06	1.39E-06	1.44E-06	6.39E-08	1.54E-06	3.40E-07	4.56E-07	7.23E-07	1.27E-07	7.55E-07	4.01E-06
997	490536.72	3861185.12	5.50E-03	5.52E-03	5.73E-03	1.91E-06	5.76E-06	3.33E-06	3.35E-06	3.03E-06	1.38E-06	1.43E-06	6.37E-08	1.54E-06	3.39E-07	4.54E-07	7.21E-07	1.27E-07	7.53E-07	4.00E-06
998	490586.72	3861185.12	5.47E-03	5.49E-03	5.69E-03	1.89E-06	5.72E-06	3.31E-06	3.33E-06	3.01E-06	1.38E-06	1.43E-06	6.33E-08	1.53E-06	3.37E-07	4.51E-07	7.16E-07	1.26E-07	7.48E-07	3.97E-06
999	490636.72	3861185.12	5.42E-03	5.44E-03	5.64E-03	1.88E-06	5.67E-06	3.28E-06	3.30E-06	2.99E-06	1.36E-06	1.41E-06	6.28E-08	1.52E-06	3.34E-07	4.48E-07	7.10E-07	1.25E-07	7.42E-07	3.94E-06
1000	490686.72	3861185.12	5.39E-03	5.41E-03	5.61E-03	1.87E-06	5.64E-06	3.26E-06	3.28E-06	2.97E-06	1.36E-06	1.40E-06	6.24E-08	1.51E-06	3.32E-07	4.45E-07	7.06E-07	1.24E-07	7.37E-07	3.91E-06

1001	490736.72	3861185.12	5.36E-03	5.38E-03	5.57E-03	1.86E-06	5.61E-06	3.25E-06	3.26E-06	2.95E-06	1.35E-06	1.40E-06	6.20E-08	1.50E-06	3.31E-07	4.43E-07	7.02E-07	1.24E-07	7.33E-07	3.89E-06
1002	490786.72	3861185.12	5.33E-03	5.35E-03	5.54E-03	1.85E-06	5.57E-06	3.23E-06	3.24E-06	2.94E-06	1.34E-06	1.39E-06	6.16E-08	1.49E-06	3.29E-07	4.40E-07	6.98E-07	1.23E-07	7.28E-07	3.87E-06
1003	490836.72	3861185.12	5.29E-03	5.31E-03	5.50E-03	1.83E-06	5.54E-06	3.20E-06	3.22E-06	2.92E-06	1.33E-06	1.38E-06	6.12E-08	1.48E-06	3.26E-07	4.37E-07	6.93E-07	1.22E-07	7.23E-07	3.84E-06
1004	490086.72	3861235.12	5.33E-03	5.35E-03	5.54E-03	1.85E-06	5.57E-06	3.23E-06	3.24E-06	2.94E-06	1.34E-06	1.39E-06	6.16E-08	1.49E-06	3.29E-07	4.40E-07	6.98E-07	1.23E-07	7.29E-07	3.87E-06
1005	490136.72	3861235.12	5.31E-03	5.33E-03	5.53E-03	1.84E-06	5.56E-06	3.22E-06	3.23E-06	2.93E-06	1.34E-06	1.38E-06	6.14E-08	1.48E-06	3.28E-07	4.38E-07	6.96E-07	1.23E-07	7.27E-07	3.86E-06
1006	490186.72	3861235.12	5.30E-03	5.32E-03	5.52E-03	1.84E-06	5.55E-06	3.21E-06	3.22E-06	2.92E-06	1.33E-06	1.38E-06	6.13E-08	1.48E-06	3.27E-07	4.38E-07	6.94E-07	1.22E-07	7.25E-07	3.85E-06
1007	490236.72	3861235.12	5.28E-03	5.30E-03	5.50E-03	1.83E-06	5.53E-06	3.20E-06	3.21E-06	2.91E-06	1.33E-06	1.38E-06	6.11E-08	1.48E-06	3.26E-07	4.36E-07	6.92E-07	1.22E-07	7.23E-07	3.84E-06
1008	490386.72	3861235.12	5.24E-03	5.26E-03	5.45E-03	1.81E-06	5.48E-06	3.17E-06	3.18E-06	2.89E-06	1.32E-06	1.36E-06	6.06E-08	1.46E-06	3.23E-07	4.32E-07	6.86E-07	1.21E-07	7.16E-07	3.80E-06
1009	490436.72	3861235.12	5.22E-03	5.24E-03	5.43E-03	1.81E-06	5.46E-06	3.16E-06	3.17E-06	2.88E-06	1.31E-06	1.36E-06	6.04E-08	1.46E-06	3.22E-07	4.31E-07	6.83E-07	1.20E-07	7.14E-07	3.79E-06
1010	490486.72	3861235.12	5.20E-03	5.22E-03	5.41E-03	1.80E-06	5.44E-06	3.15E-06	3.16E-06	2.87E-06	1.31E-06	1.36E-06	6.02E-08	1.45E-06	3.21E-07	4.29E-07	6.81E-07	1.20E-07	7.11E-07	3.78E-06
1011	490536.72	3861235.12	5.20E-03	5.22E-03	5.41E-03	1.80E-06	5.44E-06	3.15E-06	3.16E-06	2.87E-06	1.31E-06	1.35E-06	6.02E-08	1.45E-06	3.21E-07	4.29E-07	6.81E-07	1.20E-07	7.11E-07	3.78E-06
1012	490586.72	3861235.12	5.19E-03	5.21E-03	5.39E-03	1.80E-06	5.43E-06	3.14E-06	3.15E-06	2.86E-06	1.30E-06	1.35E-06	6.00E-08	1.45E-06	3.20E-07	4.28E-07	6.79E-07	1.20E-07	7.09E-07	3.77E-06
1013	490636.72	3861235.12	5.14E-03	5.16E-03	5.35E-03	1.78E-06	5.38E-06	3.11E-06	3.13E-06	2.83E-06	1.29E-06	1.34E-06	5.95E-08	1.44E-06	3.17E-07	4.24E-07	6.73E-07	1.19E-07	7.03E-07	3.73E-06
1014	490686.72	3861235.12	5.11E-03	5.13E-03	5.32E-03	1.77E-06	5.35E-06	3.10E-06	3.11E-06	2.82E-06	1.29E-06	1.33E-06	5.92E-08	1.43E-06	3.15E-07	4.22E-07	6.70E-07	1.18E-07	6.99E-07	3.71E-06
1015	490736.72	3861235.12	5.09E-03	5.11E-03	5.29E-03	1.76E-06	5.33E-06	3.08E-06	3.10E-06	2.81E-06	1.28E-06	1.33E-06	5.89E-08	1.42E-06	3.14E-07	4.21E-07	6.67E-07	1.18E-07	6.96E-07	3.70E-06
1016	490786.72	3861235.12	5.07E-03	5.09E-03	5.27E-03	1.76E-06	5.30E-06	3.07E-06	3.08E-06	2.80E-06	1.28E-06	1.32E-06	5.87E-08	1.42E-06	3.13E-07	4.19E-07	6.64E-07	1.17E-07	6.93E-07	3.68E-06
1017	490836.72	3861235.12	5.04E-03	5.06E-03	5.24E-03	1.75E-06	5.27E-06	3.05E-06	3.07E-06	2.78E-06	1.27E-06	1.31E-06	5.83E-08	1.41E-06	3.11E-07	4.16E-07	6.60E-07	1.16E-07	6.89E-07	3.66E-06
1018	490086.72	3861285.12	5.02E-03	5.04E-03	5.22E-03	1.74E-06	5.26E-06	3.04E-06	3.06E-06	2.77E-06	1.26E-06	1.31E-06	5.81E-08	1.40E-06	3.10E-07	4.15E-07	6.58E-07	1.16E-07	6.87E-07	3.65E-06
1019	490136.72	3861285.12	5.02E-03	5.04E-03	5.22E-03	1.74E-06	5.25E-06	3.04E-06	3.05E-06	2.77E-06	1.26E-06	1.31E-06	5.81E-08	1.40E-06	3.10E-07	4.14E-07	6.57E-07	1.16E-07	6.86E-07	3.64E-06
1020	490186.72	3861285.12	5.00E-03	5.02E-03	5.20E-03	1.73E-06	5.23E-06	3.03E-06	3.04E-06	2.76E-06	1.26E-06	1.30E-06	5.78E-08	1.40E-06	3.08E-07	4.13E-07	6.55E-07	1.15E-07	6.83E-07	3.63E-06
1021	490236.72	3861285.12	4.98E-03	5.00E-03	5.18E-03	1.73E-06	5.21E-06	3.02E-06	3.03E-06	2.75E-06	1.25E-06	1.30E-06	5.77E-08	1.39E-06	3.07E-07	4.12E-07	6.53E-07	1.15E-07	6.81E-07	3.62E-06
1022	490386.72	3861285.12	4.94E-03	4.97E-03	5.14E-03	1.71E-06	5.17E-06	2.99E-06	3.01E-06	2.73E-06	1.24E-06	1.29E-06	5.72E-08	1.38E-06	3.05E-07	4.08E-07	6.48E-07	1.14E-07	6.76E-07	3.59E-06
1023	490436.72	3861285.12	4.94E-03	4.96E-03	5.13E-03	1.71E-06	5.16E-06	2.99E-06	3.00E-06	2.72E-06	1.24E-06	1.29E-06	5.71E-08	1.38E-06	3.04E-07	4.08E-07	6.47E-07	1.14E-07	6.75E-07	3.58E-06
1024	490486.72	3861285.12	4.92E-03	4.94E-03	5.11E-03	1.70E-06	5.15E-06	2.98E-06	2.99E-06	2.71E-06	1.24E-06	1.28E-06	5.69E-08	1.38E-06	3.03E-07	4.06E-07	6.45E-07	1.14E-07	6.73E-07	3.57E-06
1025	490536.72	3861285.12	4.91E-03	4.93E-03	5.10E-03	1.70E-06	5.13E-06	2.97E-06	2.99E-06	2.71E-06	1.23E-06	1.28E-06	5.68E-08	1.37E-06	3.03E-07	4.05E-07	6.43E-07	1.13E-07	6.71E-07	3.56E-06
1026	490586.72	3861285.12	4.90E-03	4.92E-03	5.09E-03	1.70E-06	5.12E-06	2.97E-06	2.98E-06	2.70E-06	1.23E-06	1.28E-06	5.67E-08	1.37E-06	3.02E-07	4.04E-07	6.42E-07	1.13E-07	6.69E-07	3.56E-06
1027	490636.72	3861285.12	4.87E-03	4.89E-03	5.06E-03	1.69E-06	5.10E-06	2.95E-06	2.96E-06	2.69E-06	1.23E-06	1.27E-06	5.64E-08	1.36E-06	3.00E-07	4.02E-07	6.38E-07	1.12E-07	6.66E-07	3.54E-06
1028	490686.72	3861285.12	4.85E-03	4.87E-03	5.04E-03	1.68E-06	5.08E-06	2.94E-06	2.95E-06	2.68E-06	1.22E-06	1.26E-06	5.61E-08	1.36E-06	2.99E-07	4.01E-07	6.36E-07	1.12E-07	6.63E-07	3.52E-06
1029	490736.72	3861285.12	4.84E-03	4.86E-03	5.03E-03	1.68E-06	5.07E-06	2.93E-06	2.95E-06	2.67E-06	1.22E-06	1.26E-06	5.60E-08	1.35E-06	2.99E-07	4.00E-07	6.35E-07	1.12E-07	6.62E-07	3.52E-06
1030	490786.72	3861285.12	4.82E-03	4.84E-03	5.01E-03	1.67E-06	5.04E-06	2.92E-06	2.93E-06	2.66E-06	1.21E-06	1.26E-06	5.58E-08	1.35E-06	2.97E-07	3.98E-07	6.32E-07	1.11E-07	6.59E-07	3.50E-06
1031	490836.72	3861285.12	4.79E-03	4.81E-03	4.98E-03	1.66E-06	5.02E-06	2.90E-06	2.92E-06	2.64E-06	1.21E-06	1.25E-06	5.55E-08	1.34E-06	2.96E-07	3.96E-07	6.28E-07	1.11E-07	6.55E-07	3.48E-06
1032	490061.24	3859716.13	1.77E-02	1.77E-02	1.85E-02	6.13E-06	1.85E-05	1.07E-05	1.07E-05	9.73E-06	4.44E-06	4.63E-06	2.05E-07	4.94E-06	1.09E-06	1.46E-06	2.31E-06	4.07E-07	2.43E-06	1.28E-05
1033	490111.24	3859716.13	1.73E-02	1.73E-02	1.81E-02	6.00E-06	1.81E-05	1.05E-05	1.05E-05	9.52E-06	4.35E-06	4.54E-06	2.00E-07	4.84E-06	1.07E-06	1.43E-06	2.26E-06	3.99E-07	2.38E-06	1.26E-05
1034	490161.24	3859716.13	1.70E-02	1.70E-02	1.77E-02	5.87E-06	1.77E-05	1.03E-05	1.03E-05	9.33E-06	4.26E-06	4.44E-06	1.96E-07	4.74E-06	1.05E-06	1.40E-06	2.22E-06	3.91E-07	2.33E-06	1.23E-05
1035	490211.24	3859716.13	1.66E-02	1.67E-02	1.74E-02	5.77E-06	1.74E-05	1.01E-05	1.01E-05	9.16E-06	4.18E-06	4.36E-06	1.93E-07	4.65E-06	1.03E-06	1.37E-06	2.18E-06	3.83E-07	2.29E-06	1.21E-05
1036	490061.24	3859766.13	1.76E-02	1.76E-02	1.84E-02	6.10E-06	1.84E-05	1.07E-05	1.07E-05	9.69E-06	4.42E-06	4.62E-06	2.04E-07	4.92E-06	1.09E-06	1.45E-06	2.30E-06	4.06E-07	2.42E-06	1.28E-05
1037	490111.24	3859766.13	1.73E-02	1.73E-02	1.81E-02	5.98E-06	1.81E-05	1.05E-05	1.05E-05	9.50E-06	4.33E-06	4.52E-06	2.00E-07	4.82E-06	1.06E-06	1.42E-06	2.26E-06	3.98E-07	2.37E-06	1.25E-05
1038	490161.24	3859766.13	1.69E-02	1.70E-02	1.77E-02	5.87E-06	1.77E-05	1.03E-05	1.03E-05	9.32E-06	4.25E-06	4.44E-06	1.96E-07	4.73E-06	1.04E-06	1.40E-06	2.22E-06	3.90E-07	2.33E-06	1.23E-05
1039	490211.24	3859766.13	1.66E-02	1.66E-02	1.74E-02	5.75E-06	1.74E-05	1.00E-05	1.01E-05	9.13E-06	4.17E-06	4.35E-06	1.92E-07	4.64E-06	1.02E-06	1.37E-06	2.17E-06	3.82E-07	2.28E-06	1.21E-05
1040	490061.24	3859816.13	1.76E-02	1.76E-02	1.84E-02	6.09E-06	1.84E-05	1.06E-05	1.07E-05	9.67E-06	4.41E-06	4.61E-06	2.03E-07	4.91E-06	1.08E-06	1.45E-06	2.30E-06	4.05E-07	2.42E-06	1.28E-05
1041	490111.24	3859816.13	1.73E-02	1.73E-02	1.81E-02	5.98E-06	1.81E-05	1.05E-05	1.05E-05	9.50E-06	4.33E-06	4.52E-06	2.00E-07	4.82E-06	1.06E-06	1.42E-06	2.26E-06	3.98E-07	2.37E-06	1.25E-05
1042	490161.24	3859816.13	1.69E-02	1.69E-02	1.77E-02	5.86E-06	1.77E-05	1.02E-05	1.03E-05	9.30E-06	4.24E-06	4.43E-06	1.96E-07	4.72E-06	1.04E-06	1.39E-06	2.21E-06	3.89E-07	2.33E-06	1.23E-05
1043	490211.24	3859816.13	1.65E-02	1.66E-02	1.73E-02	5.74E-06	1.73E-05	1.00E-05	1.00E-05	9.11E-06	4.16E-06	4.34E-06	1.92E-07	4.63E-06	1.02E-06	1.36E-06	2.16E-06	3.81E-07	2.28E-06	1.20E-05
1044	490061.24	3859866.13	1.76E-02	1.76E-02	1.84E-02	6.10E-06	1.84E-05	1.07E-05	1.07E-05	9.69E-06	4.42E-06	4.62E-06	2.04E-07	4.92E-06	1.09E-06	1.45E-06	2.30E-06	4.06E-07	2.42E-06	1.28E-05
1045	490111.24	3859866.13	1.72E-02	1.73E-02	1.80E-02	5.97E-06	1.80E-05	1.04E-05	1.05E-05	9.48E-06	4.33E-06	4.52E-06	1.99E-07	4.82E-06	1.06E-06	1.42E-06	2.25E-06	3.97E-07	2.37E-06	1.25E-05
1046	490161.24	3859866.13	1.69E-02	1.69E-02	1.77E-02	5.84E-06	1.76E-05	1.02E-05	1.02E-05	9.28E-06	4.24E-06	4.42E-06	1.95E-07	4.71E-06	1.04E-06	1.39E-06	2.21E-06	3.89E-07	2.32E-06	1.23E-05
1047	490211.24	3859866.13	1.65E-02	1.65E-02	1.73E-02	5.72E-06	1.73E-05	1.00E-05	1.00E-05	9.09E-06	4.15E-06	4.33E-06	1.91E-07	4.62E-06	1.02E-06	1.36E-06	2.16E-06	3.81E-07	2.27E-06	1.20E-05
1048	490061.24	3859916.13	1.76E-02	1.76E-02	1.84E-02	6.10E-06	1.84E-05	1.07E-05	1.07E-05	9.69E-06	4.42E-06	4.62E-06	2.04E-07	4.92E-06	1.09E-06	1.45E-06	2.30E-06	4.06E-07	2.42E-06	1.28E-05
1049	490111.24	3859916.13	1.72E-02	1.73E-02	1.80E-02	5.97E-06	1.80E-05	1.04E-05	1.05E-05	9.47E-06	4.32E-06	4.52E-06	1.99E-07	4.81E-06	1.06E-06	1.42E-06	2.25E-06	3.97E-07	2.37E-06	1.25E-05
1050	490161.24	3859916.13	1.68E-02	1.69E-02	1.76E-02	5.84E-06	1.76E-05	1.02E-05	1.02E-05	9.27E-06	4.23E-06	4.42E-06	1.95E-07	4.71E-06	1.04E-06	1.39E-06	2.20E-06	3.88E-07	2.32E-06	1.22E-05
1051	490211.24	3859916.13	1.65E-02	1.65E-02	1.73E-02	5.71E-06	1.72E-05	9.98E-06	1.00E-05	9.07E-06	4.14E-06	4.32E-06	1.91E-07	4.61E-06	1.02E-06	1.36E-06	2.16E-06	3.80E-07	2.27E-06	1.20E-05
1052	490229.25	3859815.26	1.64E-02	1.65E-02	1.72E-02	5.69E-06	1.72E-05	9.95E-06	9.97E-06	9.04E-06	4.12E-06	4.31E-06	1.90E-07	4.59E-06	1.01E-06	1.35E-06	2.15E-06	3.79E-07	2.26E-06	1.19E-05
1053	490279.25	3859815.26	1.61E-02	1.61E-02	1.68E-02	5.57E-06	1.68E-05	9.74E-06	9.77E-06	8.85E-06	4.04E-06	4.22E-06	1.86E-07	4.50E-06	9.92E-07	1.33E-06	2.10E-06	3.71E-07	2.21E-06	1.17E-05

1054	490329.25	3859815.26	1.58E-02	1.58E-02	1.65E-02	5.46E-06	1.65E-05	9.54E-06	9.57E-06	8.67E-06	3.96E-06	4.13E-06	1.82E-07	4.40E-06	9.72E-07	1.30E-06	2.06E-06	3.63E-07	2.17E-06	1.14E-05
1055	490379.25	3859815.26	1.54E-02	1.55E-02	1.61E-02	5.35E-06	1.61E-05	9.35E-06	9.37E-06	8.49E-06	3.88E-06	4.04E-06	1.79E-07	4.31E-06	9.52E-07	1.27E-06	2.02E-06	3.56E-07	2.12E-06	1.12E-05
1056	490429.25	3859815.26	1.51E-02	1.51E-02	1.58E-02	5.23E-06	1.58E-05	9.15E-06	9.17E-06	8.31E-06	3.79E-06	3.96E-06	1.75E-07	4.22E-06	9.32E-07	1.25E-06	1.98E-06	3.48E-07	2.08E-06	1.10E-05
1057	490229.25	3859865.26	1.64E-02	1.64E-02	1.71E-02	5.68E-06	1.71E-05	9.93E-06	9.95E-06	9.02E-06	4.12E-06	4.30E-06	1.90E-07	4.58E-06	1.01E-06	1.35E-06	2.14E-06	3.78E-07	2.25E-06	1.19E-05
1058	490279.25	3859865.26	1.60E-02	1.61E-02	1.68E-02	5.56E-06	1.68E-05	9.72E-06	9.74E-06	8.83E-06	4.03E-06	4.21E-06	1.86E-07	4.48E-06	9.90E-07	1.32E-06	2.10E-06	3.70E-07	2.21E-06	1.17E-05
1059	490329.25	3859865.26	1.57E-02	1.57E-02	1.64E-02	5.44E-06	1.64E-05	9.52E-06	9.54E-06	8.65E-06	3.95E-06	4.12E-06	1.82E-07	4.39E-06	9.69E-07	1.30E-06	2.05E-06	3.62E-07	2.16E-06	1.14E-05
1060	490379.25	3859865.26	1.54E-02	1.54E-02	1.61E-02	5.33E-06	1.61E-05	9.32E-06	9.34E-06	8.47E-06	3.86E-06	4.03E-06	1.78E-07	4.30E-06	9.49E-07	1.27E-06	2.01E-06	3.55E-07	2.12E-06	1.12E-05
1061	490429.25	3859865.26	1.51E-02	1.51E-02	1.58E-02	5.22E-06	1.58E-05	9.12E-06	9.15E-06	8.29E-06	3.78E-06	3.95E-06	1.74E-07	4.21E-06	9.29E-07	1.24E-06	1.97E-06	3.47E-07	2.07E-06	1.09E-05
1062	490229.25	3859915.26	1.64E-02	1.64E-02	1.71E-02	5.67E-06	1.71E-05	9.91E-06	9.93E-06	9.00E-06	4.11E-06	4.29E-06	1.89E-07	4.57E-06	1.01E-06	1.35E-06	2.14E-06	3.77E-07	2.25E-06	1.19E-05
1063	490279.25	3859915.26	1.60E-02	1.60E-02	1.67E-02	5.55E-06	1.67E-05	9.70E-06	9.72E-06	8.81E-06	4.02E-06	4.20E-06	1.85E-07	4.47E-06	9.87E-07	1.32E-06	2.09E-06	3.69E-07	2.20E-06	1.16E-05
1064	490329.25	3859915.26	1.57E-02	1.57E-02	1.64E-02	5.43E-06	1.64E-05	9.49E-06	9.51E-06	8.62E-06	3.93E-06	4.11E-06	1.81E-07	4.38E-06	9.66E-07	1.29E-06	2.05E-06	3.61E-07	2.16E-06	1.14E-05
1065	490379.25	3859915.26	1.53E-02	1.54E-02	1.60E-02	5.31E-06	1.60E-05	9.29E-06	9.31E-06	8.44E-06	3.85E-06	4.02E-06	1.77E-07	4.29E-06	9.46E-07	1.26E-06	2.01E-06	3.53E-07	2.11E-06	1.11E-05
1066	490429.25	3859915.26	1.50E-02	1.50E-02	1.57E-02	5.20E-06	1.57E-05	9.09E-06	9.11E-06	8.26E-06	3.77E-06	3.93E-06	1.74E-07	4.20E-06	9.26E-07	1.24E-06	1.96E-06	3.46E-07	2.06E-06	1.09E-05
1067	490451.43	3859872.59	1.49E-02	1.50E-02	1.56E-02	5.17E-06	1.56E-05	9.04E-06	9.06E-06	8.21E-06	3.75E-06	3.91E-06	1.73E-07	4.17E-06	9.20E-07	1.23E-06	1.95E-06	3.44E-07	2.05E-06	1.08E-05
1068	490501.43	3859872.59	1.46E-02	1.46E-02	1.53E-02	5.06E-06	1.53E-05	8.85E-06	8.87E-06	8.04E-06	3.67E-06	3.83E-06	1.69E-07	4.08E-06	9.01E-07	1.20E-06	1.91E-06	3.37E-07	2.01E-06	1.06E-05
1069	490551.43	3859872.59	1.43E-02	1.43E-02	1.49E-02	4.95E-06	1.50E-05	8.66E-06	8.68E-06	7.87E-06	3.59E-06	3.74E-06	1.65E-07	3.99E-06	8.81E-07	1.18E-06	1.87E-06	3.29E-07	1.96E-06	1.04E-05
1070	490601.43	3859872.59	1.40E-02	1.40E-02	1.46E-02	4.84E-06	1.46E-05	8.46E-06	8.48E-06	7.69E-06	3.51E-06	3.66E-06	1.62E-07	3.90E-06	8.61E-07	1.15E-06	1.83E-06	3.22E-07	1.92E-06	1.01E-05
1071	490451.43	3859922.59	1.49E-02	1.49E-02	1.55E-02	5.15E-06	1.55E-05	9.00E-06	9.02E-06	8.18E-06	3.73E-06	3.89E-06	1.72E-07	4.15E-06	9.17E-07	1.23E-06	1.94E-06	3.42E-07	2.04E-06	1.08E-05
1072	490501.43	3859922.59	1.45E-02	1.46E-02	1.52E-02	5.04E-06	1.52E-05	8.81E-06	8.83E-06	8.01E-06	3.65E-06	3.81E-06	1.68E-07	4.07E-06	8.97E-07	1.20E-06	1.90E-06	3.35E-07	2.00E-06	1.06E-05
1073	490551.43	3859922.59	1.42E-02	1.43E-02	1.49E-02	4.93E-06	1.49E-05	8.62E-06	8.64E-06	7.84E-06	3.58E-06	3.73E-06	1.65E-07	3.98E-06	8.78E-07	1.17E-06	1.86E-06	3.28E-07	1.96E-06	1.03E-05
1074	490601.43	3859922.59	1.39E-02	1.40E-02	1.46E-02	4.83E-06	1.46E-05	8.44E-06	8.46E-06	7.67E-06	3.50E-06	3.65E-06	1.61E-07	3.89E-06	8.59E-07	1.15E-06	1.82E-06	3.21E-07	1.91E-06	1.01E-05
1075	482129.67	3852241.07	6.14E-04	6.37E-04	5.64E-04	2.13E-07	6.42E-07	3.72E-07	3.86E-07	3.50E-07	1.60E-07	1.41E-07	7.11E-09	1.72E-07	3.79E-08	5.24E-08	8.31E-08	1.47E-08	7.41E-08	4.41E-07
1076	482029.67	3852291.07	6.35E-04	6.58E-04	5.85E-04	2.20E-07	6.64E-07	3.84E-07	3.99E-07	3.61E-07	1.65E-07	1.47E-07	7.34E-09	1.77E-07	3.91E-08	5.41E-08	8.58E-08	1.51E-08	7.70E-08	4.56E-07
1077	482079.67	3852291.07	6.33E-04	6.57E-04	5.83E-04	2.19E-07	6.62E-07	3.83E-07	3.98E-07	3.60E-07	1.64E-07	1.46E-07	7.33E-09	1.77E-07	3.90E-08	5.40E-08	8.57E-08	1.51E-08	7.66E-08	4.55E-07
1078	482129.67	3852291.07	6.29E-04	6.53E-04	5.78E-04	2.18E-07	6.59E-07	3.81E-07	3.96E-07	3.59E-07	1.64E-07	1.45E-07	7.28E-09	1.76E-07	3.88E-08	5.37E-08	8.52E-08	1.50E-08	7.61E-08	4.52E-07
1079	482179.67	3852291.07	6.23E-04	6.46E-04	5.71E-04	2.16E-07	6.52E-07	3.77E-07	3.92E-07	3.55E-07	1.62E-07	1.43E-07	7.21E-09	1.74E-07	3.84E-08	5.32E-08	8.43E-08	1.49E-08	7.51E-08	4.47E-07
1080	482229.67	3852291.07	6.12E-04	6.36E-04	5.60E-04	2.12E-07	6.41E-07	3.71E-07	3.85E-07	3.49E-07	1.59E-07	1.40E-07	7.09E-09	1.71E-07	3.78E-08	5.23E-08	8.30E-08	1.46E-08	7.37E-08	4.40E-07
1081	482029.67	3852341.07	6.49E-04	6.73E-04	6.00E-04	2.25E-07	6.79E-07	3.93E-07	4.07E-07	3.69E-07	1.69E-07	1.50E-07	7.51E-09	1.82E-07	4.01E-08	5.53E-08	8.78E-08	1.55E-08	7.90E-08	4.67E-07
1082	482079.67	3852341.07	6.48E-04	6.71E-04	5.97E-04	2.24E-07	6.78E-07	3.92E-07	4.07E-07	3.69E-07	1.68E-07	1.50E-07	7.50E-09	1.81E-07	3.99E-08	5.52E-08	8.76E-08	1.54E-08	7.86E-08	4.65E-07
1083	482129.67	3852341.07	6.46E-04	6.70E-04	5.94E-04	2.24E-07	6.75E-07	3.91E-07	4.06E-07	3.68E-07	1.68E-07	1.49E-07	7.47E-09	1.80E-07	3.98E-08	5.51E-08	8.74E-08	1.54E-08	7.81E-08	4.64E-07
1084	482179.67	3852341.07	6.41E-04	6.65E-04	5.89E-04	2.22E-07	6.71E-07	3.88E-07	4.03E-07	3.65E-07	1.67E-07	1.47E-07	7.42E-09	1.79E-07	3.95E-08	5.47E-08	8.68E-08	1.53E-08	7.74E-08	4.60E-07
1085	482259.06	3852400.14	6.64E-04	6.88E-04	6.11E-04	2.30E-07	6.94E-07	4.02E-07	4.17E-07	3.78E-07	1.72E-07	1.53E-07	7.68E-09	1.85E-07	4.09E-08	5.66E-08	8.98E-08	1.58E-08	8.03E-08	4.77E-07
1086	482309.06	3852400.14	6.50E-04	6.75E-04	5.96E-04	2.25E-07	6.80E-07	3.94E-07	4.09E-07	3.71E-07	1.69E-07	1.49E-07	7.52E-09	1.82E-07	4.01E-08	5.55E-08	8.81E-08	1.55E-08	7.84E-08	4.67E-07
1087	482209.06	3852450.14	6.82E-04	7.07E-04	6.30E-04	2.36E-07	7.14E-07	4.13E-07	4.28E-07	3.88E-07	1.77E-07	1.58E-07	7.90E-09	1.91E-07	4.21E-08	5.82E-08	9.23E-08	1.63E-08	8.28E-08	4.90E-07
1088	482259.06	3852450.14	6.80E-04	7.05E-04	6.26E-04	2.36E-07	7.11E-07	4.12E-07	4.27E-07	3.87E-07	1.77E-07	1.57E-07	7.87E-09	1.90E-07	4.19E-08	5.80E-08	9.20E-08	1.62E-08	8.24E-08	4.88E-07
1089	482309.06	3852450.14	6.70E-04	6.96E-04	6.16E-04	2.32E-07	7.02E-07	4.06E-07	4.21E-07	3.82E-07	1.74E-07	1.54E-07	7.76E-09	1.87E-07	4.14E-08	5.72E-08	9.08E-08	1.60E-08	8.10E-08	4.82E-07
1090	482209.06	3852500.14	6.97E-04	7.22E-04	6.44E-04	2.41E-07	7.29E-07	4.22E-07	4.37E-07	3.96E-07	1.81E-07	1.61E-07	8.06E-09	1.95E-07	4.30E-08	5.94E-08	9.42E-08	1.66E-08	8.47E-08	5.01E-07
1091	482259.06	3852500.14	6.95E-04	7.20E-04	6.41E-04	2.41E-07	7.27E-07	4.21E-07	4.36E-07	3.95E-07	1.80E-07	1.61E-07	8.04E-09	1.94E-07	4.28E-08	5.92E-08	9.39E-08	1.66E-08	8.42E-08	4.99E-07
1092	482309.06	3852500.14	6.90E-04	7.16E-04	6.35E-04	2.39E-07	7.22E-07	4.18E-07	4.34E-07	3.93E-07	1.79E-07	1.59E-07	7.98E-09	1.93E-07	4.26E-08	5.89E-08	9.34E-08	1.65E-08	8.35E-08	4.96E-07
1093	482283.91	3852513.62	6.98E-04	7.23E-04	6.43E-04	2.42E-07	7.30E-07	4.23E-07	4.38E-07	3.97E-07	1.81E-07	1.61E-07	8.07E-09	1.95E-07	4.30E-08	5.95E-08	9.44E-08	1.66E-08	8.46E-08	5.01E-07
1094	482333.91	3852513.62	6.93E-04	7.19E-04	6.38E-04	2.40E-07	7.26E-07	4.20E-07	4.36E-07	3.95E-07	1.80E-07	1.60E-07	8.02E-09	1.94E-07	4.28E-08	5.92E-08	9.39E-08	1.65E-08	8.39E-08	4.98E-07
1095	482283.91	3852563.62	7.15E-04	7.41E-04	6.61E-04	2.48E-07	7.48E-07	4.33E-07	4.49E-07	4.07E-07	1.86E-07	1.66E-07	8.27E-09	2.00E-07	4.41E-08	6.09E-08	9.67E-08	1.70E-08	8.69E-08	5.14E-07
1096	482333.91	3852563.62	7.14E-04	7.41E-04	6.59E-04	2.48E-07	7.47E-07	4.33E-07	4.49E-07	4.07E-07	1.86E-07	1.65E-07	8.27E-09	2.00E-07	4.41E-08	6.09E-08	9.66E-08	1.70E-08	8.66E-08	5.13E-07
1097	482383.91	3852563.62	7.12E-04	7.39E-04	6.56E-04	2.47E-07	7.45E-07	4.31E-07	4.47E-07	4.06E-07	1.85E-07	1.64E-07	8.24E-09	1.99E-07	4.39E-08	6.07E-08	9.64E-08	1.70E-08	8.62E-08	5.12E-07
1098	482283.91	3852613.62	7.28E-04	7.54E-04	6.73E-04	2.52E-07	7.61E-07	4.41E-07	4.57E-07	4.14E-07	1.89E-07	1.69E-07	8.42E-09	2.03E-07	4.49E-08	6.20E-08	9.83E-08	1.73E-08	8.85E-08	5.23E-07
1099	482333.91	3852613.62	7.30E-04	7.57E-04	6.74E-04	2.53E-07	7.64E-07	4.42E-07	4.58E-07	4.15E-07	1.90E-07	1.69E-07	8.45E-09	2.04E-07	4.50E-08	6.22E-08	9.87E-08	1.74E-08	8.87E-08	5.25E-07
1100	482383.91	3852613.62	7.32E-04	7.58E-04	6.75E-04	2.54E-07	7.65E-07	4.43E-07	4.59E-07	4.16E-07	1.90E-07	1.69E-07	8.47E-09	2.04E-07	4.51E-08	6.24E-08	9.89E-08	1.74E-08	8.87E-08	5.26E-07
1101	482602.38	3852600.87	6.88E-04	7.14E-04	6.29E-04	2.38E-07	7.20E-07	4.17E-07	4.33E-07	3.92E-07	1.79E-07	1.58E-07	7.96E-09	1.92E-07	4.24E-08	5.88E-08	9.32E-08	1.64E-08	8.27E-08	4.94E-07
1102	482652.38	3852600.87	6.80E-04	7.06E-04	6.22E-04	2.36E-07	7.12E-07	4.12E-07	4.28E-07	3.88E-07	1.77E-07	1.56E-07	7.87E-09	1.90E-07	4.19E-08	5.81E-08	9.22E-08	1.62E-08	8.17E-08	4.88E-07
1103	482702.38	3852600.87	6.58E-04	6.84E-04	5.99E-04	2.28E-07	6.88E-07	3.98E-07	4.14E-07	3.75E-07	1.71E-07	1.50E-07	7.61E-09	1.84E-07	4.06E-08	5.62E-08	8.92E-08	1.57E-08	7.88E-08	4.72E-07
1104	482552.38	3852650.87	7.23E-04	7.51E-04	6.63E-04	2.51E-07	7.57E-07	4.38E-07	4.55E-07	4.12E-07	1.88E-07	1.66E-07	8.37E-09	2.02E-07	4.46E-08	6.18E-08	9.80E-08	1.73E-08	8.72E-08	5.19E-07
1105	482602.38	3852650.87	7.15E-04	7.42E-04	6.54E-04	2.48E-07	7.48E-07	4.33E-07	4.50E-07	4.08E-07	1.86E-07	1.64E-07	8.27E-09	2.00E-07	4.41E-08	6.10E-08	9.68E-08	1.71E-08	8.60E-08	5.13E-07
1106	482652.38	3852650.87	7.08E-04	7.35E-04	6.48E-04	2.45E-07	7.40E-07	4.29E-07	4.45E-07	4.04E-07	1.84E-07	1.62E-07	8.19E-09	1.98E-07	4.36E-08	6.04E-08	9.59E-08	1.69E-08	8.52E-08	5.08E-07

1107	482702.38	3852650.87	6.99E-04	7.26E-04	6.40E-04	2.42E-07	7.31E-07	4.23E-07	4.40E-07	3.99E-07	1.82E-07	1.60E-07	8.09E-09	1.95E-07	4.31E-08	5.97E-08	9.47E-08	1.67E-08	8.41E-08	5.02E-07
1108	482552.38	3852700.87	7.46E-04	7.74E-04	6.84E-04	2.58E-07	7.80E-07	4.52E-07	4.69E-07	4.25E-07	1.94E-07	1.71E-07	8.63E-09	2.08E-07	4.60E-08	6.37E-08	1.01E-07	1.78E-08	9.00E-08	5.36E-07
1109	482602.38	3852700.87	7.41E-04	7.70E-04	6.80E-04	2.57E-07	7.76E-07	4.49E-07	4.66E-07	4.23E-07	1.93E-07	1.70E-07	8.58E-09	2.07E-07	4.57E-08	6.33E-08	1.00E-07	1.77E-08	8.94E-08	5.32E-07
1110	482652.38	3852700.87	7.43E-04	7.71E-04	6.82E-04	2.57E-07	7.77E-07	4.50E-07	4.67E-07	4.23E-07	1.93E-07	1.71E-07	8.59E-09	2.08E-07	4.58E-08	6.34E-08	1.01E-07	1.77E-08	8.97E-08	5.33E-07
1111	482702.38	3852700.87	7.33E-04	7.61E-04	6.72E-04	2.54E-07	7.67E-07	4.44E-07	4.61E-07	4.18E-07	1.91E-07	1.68E-07	8.48E-09	2.05E-07	4.52E-08	6.26E-08	9.93E-08	1.75E-08	8.84E-08	5.26E-07
1112	482452.38	3852750.87	7.73E-04	8.01E-04	7.14E-04	2.68E-07	8.09E-07	4.68E-07	4.86E-07	4.40E-07	2.01E-07	1.79E-07	8.95E-09	2.16E-07	4.77E-08	6.59E-08	1.05E-07	1.84E-08	9.39E-08	5.56E-07
1113	482521.29	3852749.74	7.71E-04	7.99E-04	7.09E-04	2.67E-07	8.06E-07	4.67E-07	4.84E-07	4.39E-07	2.00E-07	1.78E-07	8.92E-09	2.15E-07	4.75E-08	6.57E-08	1.04E-07	1.84E-08	9.33E-08	5.53E-07
1114	482571.29	3852749.74	7.67E-04	7.96E-04	7.05E-04	2.66E-07	8.03E-07	4.65E-07	4.82E-07	4.37E-07	1.99E-07	1.77E-07	8.88E-09	2.14E-07	4.73E-08	6.55E-08	1.04E-07	1.83E-08	9.27E-08	5.51E-07
1115	482521.29	3852799.74	7.91E-04	8.20E-04	7.30E-04	2.74E-07	8.28E-07	4.79E-07	4.97E-07	4.50E-07	2.05E-07	1.83E-07	9.15E-09	2.21E-07	4.88E-08	6.74E-08	1.07E-07	1.89E-08	9.59E-08	5.68E-07
1116	482571.29	3852799.74	7.89E-04	8.19E-04	7.27E-04	2.74E-07	8.26E-07	4.78E-07	4.96E-07	4.50E-07	2.05E-07	1.82E-07	9.13E-09	2.21E-07	4.87E-08	6.73E-08	1.07E-07	1.88E-08	9.56E-08	5.67E-07
1117	482621.29	3852799.74	7.86E-04	8.15E-04	7.22E-04	2.72E-07	8.22E-07	4.76E-07	4.94E-07	4.48E-07	2.04E-07	1.81E-07	9.09E-09	2.20E-07	4.85E-08	6.70E-08	1.06E-07	1.87E-08	9.49E-08	5.64E-07
1118	482571.29	3852849.74	8.07E-04	8.37E-04	7.44E-04	2.80E-07	8.45E-07	4.89E-07	5.07E-07	4.60E-07	2.10E-07	1.86E-07	9.34E-09	2.26E-07	4.98E-08	6.88E-08	1.09E-07	1.92E-08	9.78E-08	5.80E-07
1119	482621.29	3852849.74	8.03E-04	8.33E-04	7.38E-04	2.78E-07	8.41E-07	4.87E-07	5.05E-07	4.58E-07	2.09E-07	1.85E-07	9.30E-09	2.25E-07	4.95E-08	6.85E-08	1.09E-07	1.92E-08	9.71E-08	5.77E-07
1120	482577.42	3852901.55	8.23E-04	8.54E-04	7.60E-04	2.85E-07	8.62E-07	4.99E-07	5.17E-07	4.69E-07	2.14E-07	1.90E-07	9.53E-09	2.30E-07	5.08E-08	7.02E-08	1.11E-07	1.96E-08	9.99E-08	5.92E-07
1121	482627.42	3852901.55	8.20E-04	8.51E-04	7.54E-04	2.84E-07	8.58E-07	4.97E-07	5.15E-07	4.67E-07	2.13E-07	1.89E-07	9.49E-09	2.29E-07	5.06E-08	7.00E-08	1.11E-07	1.96E-08	9.92E-08	5.89E-07
1122	482629.96	3852955.85	8.40E-04	8.71E-04	7.74E-04	2.91E-07	8.79E-07	5.09E-07	5.28E-07	4.78E-07	2.18E-07	1.94E-07	9.72E-09	2.35E-07	5.18E-08	7.16E-08	1.14E-07	2.00E-08	1.02E-07	6.03E-07
1123	482679.96	3852955.85	8.37E-04	8.69E-04	7.69E-04	2.90E-07	8.76E-07	5.07E-07	5.26E-07	4.77E-07	2.18E-07	1.93E-07	9.69E-09	2.34E-07	5.16E-08	7.15E-08	1.13E-07	2.00E-08	1.01E-07	6.01E-07
1124	482781.63	3853034.48	8.58E-04	8.91E-04	7.85E-04	2.97E-07	8.98E-07	5.20E-07	5.40E-07	4.89E-07	2.23E-07	1.97E-07	9.93E-09	2.40E-07	5.29E-08	7.33E-08	1.16E-07	2.05E-08	1.03E-07	6.16E-07
1125	482831.63	3853034.48	8.51E-04	8.84E-04	7.76E-04	2.95E-07	8.90E-07	5.15E-07	5.36E-07	4.86E-07	2.22E-07	1.94E-07	9.84E-09	2.38E-07	5.25E-08	7.27E-08	1.15E-07	2.03E-08	1.02E-07	6.11E-07
1126	482881.63	3853034.48	8.42E-04	8.76E-04	7.67E-04	2.92E-07	8.81E-07	5.10E-07	5.31E-07	4.81E-07	2.20E-07	1.92E-07	9.75E-09	2.35E-07	5.20E-08	7.21E-08	1.14E-07	2.01E-08	1.01E-07	6.05E-07
1127	482781.63	3853084.48	8.80E-04	9.14E-04	8.06E-04	3.05E-07	9.21E-07	5.33E-07	5.53E-07	5.02E-07	2.29E-07	2.02E-07	1.02E-08	2.46E-07	5.43E-08	7.51E-08	1.19E-07	2.10E-08	1.06E-07	6.32E-07
1128	482831.63	3853084.48	8.74E-04	9.08E-04	7.98E-04	3.03E-07	9.14E-07	5.29E-07	5.50E-07	4.99E-07	2.28E-07	2.00E-07	1.01E-08	2.44E-07	5.39E-08	7.47E-08	1.18E-07	2.09E-08	1.05E-07	6.27E-07
1129	482881.63	3853084.48	8.67E-04	9.02E-04	7.90E-04	3.00E-07	9.07E-07	5.25E-07	5.46E-07	4.95E-07	2.26E-07	1.98E-07	1.00E-08	2.42E-07	5.35E-08	7.41E-08	1.18E-07	2.07E-08	1.04E-07	6.22E-07
1130	482781.63	3853134.48	9.03E-04	9.37E-04	8.30E-04	3.13E-07	9.45E-07	5.47E-07	5.68E-07	5.14E-07	2.35E-07	2.08E-07	1.04E-08	2.52E-07	5.57E-08	7.71E-08	1.22E-07	2.15E-08	1.09E-07	6.48E-07
1131	482831.63	3853134.48	8.98E-04	9.33E-04	8.22E-04	3.11E-07	9.40E-07	5.44E-07	5.65E-07	5.12E-07	2.34E-07	2.06E-07	1.04E-08	2.51E-07	5.54E-08	7.67E-08	1.22E-07	2.15E-08	1.08E-07	6.45E-07
1132	482881.63	3853134.48	8.95E-04	9.30E-04	8.17E-04	3.10E-07	9.36E-07	5.42E-07	5.63E-07	5.11E-07	2.33E-07	2.05E-07	1.04E-08	2.50E-07	5.52E-08	7.65E-08	1.21E-07	2.14E-08	1.07E-07	6.42E-07
1133	482831.63	3853184.48	9.22E-04	9.57E-04	8.47E-04	3.20E-07	9.65E-07	5.59E-07	5.80E-07	5.26E-07	2.40E-07	2.12E-07	1.07E-08	2.58E-07	5.69E-08	7.87E-08	1.25E-07	2.20E-08	1.11E-07	6.62E-07
1134	482881.63	3853184.48	9.21E-04	9.56E-04	8.42E-04	3.19E-07	9.63E-07	5.58E-07	5.79E-07	5.25E-07	2.40E-07	2.11E-07	1.07E-08	2.57E-07	5.68E-08	7.87E-08	1.25E-07	2.20E-08	1.11E-07	6.61E-07
1135	484154.84	3854250.98	1.16E-03	1.23E-03	9.71E-04	4.03E-07	1.22E-06	7.05E-07	7.48E-07	6.78E-07	3.09E-07	2.43E-07	1.35E-08	3.25E-07	7.17E-08	1.01E-07	1.61E-07	2.84E-08	1.28E-07	8.29E-07
1136	484204.84	3854250.98	1.15E-03	1.21E-03	9.62E-04	3.97E-07	1.20E-06	6.94E-07	7.35E-07	6.67E-07	3.04E-07	2.41E-07	1.33E-08	3.20E-07	7.07E-08	9.99E-08	1.58E-07	2.79E-08	1.26E-07	8.17E-07
1137	484154.84	3854300.98	1.19E-03	1.27E-03	9.97E-04	4.14E-07	1.25E-06	7.23E-07	7.67E-07	6.95E-07	3.17E-07	2.50E-07	1.38E-08	3.34E-07	7.36E-08	1.04E-07	1.65E-07	2.91E-08	1.31E-07	8.50E-07
1138	484204.84	3854300.98	1.19E-03	1.26E-03	9.99E-04	4.12E-07	1.24E-06	7.21E-07	7.63E-07	6.92E-07	3.16E-07	2.50E-07	1.38E-08	3.32E-07	7.34E-08	1.04E-07	1.64E-07	2.90E-08	1.31E-07	8.48E-07
1139	484074.19	3854519.8	1.54E-03	1.62E-03	1.32E-03	5.33E-07	1.61E-06	9.31E-07	9.82E-07	8.90E-07	4.06E-07	3.30E-07	1.78E-08	4.30E-07	9.48E-08	1.33E-07	2.11E-07	3.73E-08	1.73E-07	1.10E-06
1140	484124.19	3854519.8	1.52E-03	1.60E-03	1.30E-03	5.27E-07	1.59E-06	9.22E-07	9.72E-07	8.81E-07	4.02E-07	3.27E-07	1.76E-08	4.25E-07	9.39E-08	1.32E-07	2.09E-07	3.69E-08	1.72E-07	1.09E-06
1141	484074.19	3854569.8	1.65E-03	1.74E-03	1.43E-03	5.73E-07	1.73E-06	1.00E-06	1.05E-06	9.54E-07	4.35E-07	3.59E-07	1.91E-08	4.62E-07	1.02E-07	1.43E-07	2.27E-07	4.00E-08	1.88E-07	1.18E-06
1142	484124.19	3854569.8	1.62E-03	1.70E-03	1.41E-03	5.61E-07	1.70E-06	9.81E-07	1.03E-06	9.35E-07	4.27E-07	3.52E-07	1.87E-08	4.53E-07	9.99E-08	1.40E-07	2.22E-07	3.92E-08	1.85E-07	1.16E-06
1143	485205.11	3855188.89	1.10E-02	1.22E-02	7.12E-03	3.81E-06	1.15E-05	6.65E-06	7.41E-06	6.72E-06	3.07E-06	1.78E-06	1.27E-07	3.07E-06	6.78E-07	1.01E-06	1.60E-06	2.81E-07	9.37E-07	7.70E-06
1144	485255.11	3855188.89	9.98E-03	1.11E-02	6.58E-03	3.46E-06	1.04E-05	6.05E-06	6.72E-06	6.09E-06	2.78E-06	1.65E-06	1.16E-07	2.79E-06	6.16E-07	9.13E-07	1.45E-06	2.55E-07	8.65E-07	7.00E-06
1145	485205.11	3855238.89	1.27E-02	1.42E-02	8.07E-03	4.41E-06	1.33E-05	7.71E-06	8.63E-06	7.82E-06	3.57E-06	2.02E-06	1.47E-07	3.56E-06	7.86E-07	1.17E-06	1.86E-06	3.27E-07	1.06E-06	8.91E-06
1146	485255.11	3855238.89	1.18E-02	1.32E-02	7.60E-03	4.10E-06	1.24E-05	7.17E-06	8.00E-06	7.25E-06	3.31E-06	1.90E-06	1.37E-07	3.31E-06	7.30E-07	1.09E-06	1.72E-06	3.04E-07	9.99E-07	8.28E-06
1147	485205.11	3855288.89	1.63E-02	1.84E-02	1.00E-02	5.66E-06	1.71E-05	9.89E-06	1.11E-05	1.01E-05	4.60E-06	2.51E-06	1.89E-07	4.57E-06	1.01E-06	1.51E-06	2.39E-06	4.22E-07	1.32E-06	1.14E-05
1148	485255.11	3855288.89	1.46E-02	1.64E-02	9.14E-03	5.06E-06	1.53E-05	8.85E-06	9.92E-06	8.99E-06	4.10E-06	2.29E-06	1.69E-07	4.09E-06	9.01E-07	1.35E-06	2.14E-06	3.77E-07	1.20E-06	1.02E-05
1149	485255.11	3855338.89	1.82E-02	2.04E-02	1.11E-02	6.29E-06	1.90E-05	1.10E-05	1.24E-05	1.12E-05	5.12E-06	2.77E-06	2.10E-07	5.08E-06	1.12E-06	1.68E-06	2.67E-06	4.70E-07	1.46E-06	1.27E-05
1150	485305.11	3855338.89	1.61E-02	1.81E-02	1.00E-02	5.58E-06	1.69E-05	9.75E-06	1.09E-05	9.92E-06	4.53E-06	2.50E-06	1.86E-07	4.50E-06	9.93E-07	1.49E-06	2.36E-06	4.15E-07	1.31E-06	1.13E-05
1151	485852.5	3855635.28	1.55E-02	1.72E-02	1.02E-02	5.36E-06	1.62E-05	9.37E-06	1.04E-05	9.44E-06	4.31E-06	2.54E-06	1.79E-07	4.32E-06	9.54E-07	1.41E-06	2.24E-06	3.95E-07	1.34E-06	1.08E-05
1152	485902.5	3855635.28	1.44E-02	1.60E-02	9.56E-03	4.99E-06	1.51E-05	8.72E-06	9.68E-06	8.77E-06	4.00E-06	2.39E-06	1.67E-07	4.02E-06	8.88E-07	1.31E-06	2.08E-06	3.67E-07	1.26E-06	1.01E-05
1153	485852.5	3855685.28	1.70E-02	1.89E-02	1.11E-02	5.89E-06	1.78E-05	1.03E-05	1.15E-05	1.04E-05	4.74E-06	2.77E-06	1.97E-07	4.75E-06	1.05E-06	1.56E-06	2.47E-06	4.35E-07	1.45E-06	1.19E-05
1154	485902.5	3855685.28	1.57E-02	1.75E-02	1.04E-02	5.45E-06	1.65E-05	9.53E-06	1.06E-05	9.60E-06	4.38E-06	2.59E-06	1.82E-07	4.40E-06	9.70E-07	1.44E-06	2.28E-06	4.02E-07	1.36E-06	1.10E-05
1155	485852.5	3855735.28	1.88E-02	2.09E-02	1.21E-02	6.51E-06	1.96E-05	1.14E-05	1.27E-05	1.15E-05	5.25E-06	3.03E-06	2.17E-07	5.25E-06	1.16E-06	1.72E-06	2.73E-06	4.82E-07	1.59E-06	1.32E-05
1156	485902.5	3855735.28	1.74E-02	1.94E-02	1.14E-02	6.04E-06	1.82E-05	1.06E-05	1.17E-05	1.06E-05	4.86E-06	2.85E-06	2.02E-07	4.87E-06	1.07E-06	1.59E-06	2.53E-06	4.46E-07	1.49E-06	1.22E-05
1157	485852.5	3855785.28	2.12E-02	2.36E-02	1.35E-02	7.33E-06	2.21E-05	1.28E-05	1.43E-05	1.30E-05	5.92E-06	3.38E-06	2.45E-07	5.91E-06	1.31E-06	1.94E-06	3.09E-06	5.44E-07	1.77E-06	1.48E-05
1158	485902.5	3855785.28	1.91E-02	2.13E-02	1.24E-02	6.64E-06	2.00E-05	1.16E-05	1.29E-05	1.17E-05	5.35E-06	3.10E-06	2.22E-07	5.35E-06	1.18E-06	1.76E-06	2.79E-06	4.91E-07	1.63E-06	1.34E-05
1159	486809.46	3856465.28	1.94E-02	2.13E-02	1.35E-02	6.72E-06	2.03E-05	1.17E-05	1.29E-05	1.17E-05	5.35E-06	3.38E-06	2.24E-07	5.42E-06	1.20E-06	1.75E-06	2.78E-06	4.91E-07	1.77E-06	1.36E-05

1160	486859.46	3856465.28	1.86E-02	2.04E-02	1.31E-02	6.45E-06	1.95E-05	1.13E-05	1.24E-05	1.12E-05	5.12E-06	3.28E-06	2.15E-07	5.20E-06	1.15E-06	1.68E-06	2.67E-06	4.70E-07	1.72E-06	1.31E-05
1161	486909.46	3856465.28	1.79E-02	1.96E-02	1.27E-02	6.19E-06	1.87E-05	1.08E-05	1.19E-05	1.08E-05	4.91E-06	3.17E-06	2.07E-07	4.99E-06	1.10E-06	1.61E-06	2.56E-06	4.51E-07	1.66E-06	1.26E-05
1162	486809.46	3856515.28	2.08E-02	2.29E-02	1.43E-02	7.21E-06	2.18E-05	1.26E-05	1.39E-05	1.26E-05	5.75E-06	3.59E-06	2.41E-07	5.81E-06	1.28E-06	1.89E-06	2.99E-06	5.27E-07	1.89E-06	1.46E-05
1163	486859.46	3856515.28	1.99E-02	2.19E-02	1.39E-02	6.90E-06	2.08E-05	1.21E-05	1.33E-05	1.20E-05	5.49E-06	3.48E-06	2.30E-07	5.57E-06	1.23E-06	1.80E-06	2.86E-06	5.04E-07	1.82E-06	1.40E-05
1164	486909.46	3856515.28	1.91E-02	2.10E-02	1.34E-02	6.61E-06	2.00E-05	1.16E-05	1.27E-05	1.15E-05	5.25E-06	3.36E-06	2.21E-07	5.33E-06	1.18E-06	1.72E-06	2.73E-06	4.82E-07	1.76E-06	1.34E-05
1165	486980.94	3856357.95	1.51E-02	1.65E-02	1.10E-02	5.24E-06	1.58E-05	9.16E-06	1.00E-05	9.07E-06	4.14E-06	2.75E-06	1.75E-07	4.23E-06	9.33E-07	1.36E-06	2.16E-06	3.80E-07	1.44E-06	1.07E-05
1166	487030.94	3856357.95	1.47E-02	1.60E-02	1.07E-02	5.09E-06	1.54E-05	8.90E-06	9.71E-06	8.81E-06	4.02E-06	2.69E-06	1.70E-07	4.11E-06	9.06E-07	1.32E-06	2.09E-06	3.69E-07	1.41E-06	1.04E-05
1167	486980.94	3856407.95	1.60E-02	1.75E-02	1.15E-02	5.53E-06	1.67E-05	9.67E-06	1.06E-05	9.59E-06	4.38E-06	2.89E-06	1.85E-07	4.46E-06	9.85E-07	1.44E-06	2.28E-06	4.02E-07	1.51E-06	1.13E-05
1168	487030.94	3856407.95	1.55E-02	1.69E-02	1.12E-02	5.36E-06	1.62E-05	9.37E-06	1.02E-05	9.28E-06	4.23E-06	2.82E-06	1.79E-07	4.32E-06	9.54E-07	1.39E-06	2.20E-06	3.89E-07	1.48E-06	1.09E-05
1169	487447.18	3856437.45	1.29E-02	1.39E-02	9.77E-03	4.46E-06	1.35E-05	7.80E-06	8.44E-06	7.65E-06	3.49E-06	2.45E-06	1.49E-07	3.60E-06	7.94E-07	1.15E-06	1.82E-06	3.21E-07	1.29E-06	9.11E-06
1170	487497.18	3856437.45	1.26E-02	1.36E-02	9.62E-03	4.37E-06	1.32E-05	7.63E-06	8.26E-06	7.49E-06	3.42E-06	2.41E-06	1.46E-07	3.52E-06	7.77E-07	1.12E-06	1.78E-06	3.14E-07	1.26E-06	8.93E-06
1171	487547.18	3856437.45	1.24E-02	1.34E-02	9.47E-03	4.28E-06	1.29E-05	7.49E-06	8.09E-06	7.33E-06	3.35E-06	2.37E-06	1.43E-07	3.45E-06	7.62E-07	1.10E-06	1.74E-06	3.07E-07	1.25E-06	8.75E-06
1172	487447.18	3856487.45	1.34E-02	1.45E-02	1.01E-02	4.64E-06	1.40E-05	8.11E-06	8.78E-06	7.96E-06	3.63E-06	2.54E-06	1.55E-07	3.74E-06	8.25E-07	1.19E-06	1.89E-06	3.33E-07	1.33E-06	9.47E-06
1173	487497.18	3856487.45	1.31E-02	1.42E-02	9.96E-03	4.53E-06	1.37E-05	7.92E-06	8.57E-06	7.77E-06	3.55E-06	2.50E-06	1.51E-07	3.66E-06	8.07E-07	1.16E-06	1.85E-06	3.25E-07	1.31E-06	9.26E-06
1174	487547.18	3856487.45	1.28E-02	1.39E-02	9.82E-03	4.45E-06	1.34E-05	7.77E-06	8.40E-06	7.62E-06	3.48E-06	2.46E-06	1.48E-07	3.59E-06	7.91E-07	1.14E-06	1.81E-06	3.19E-07	1.29E-06	9.09E-06
1175	487447.18	3856537.45	1.39E-02	1.51E-02	1.05E-02	4.83E-06	1.46E-05	8.44E-06	9.14E-06	8.29E-06	3.78E-06	2.64E-06	1.61E-07	3.89E-06	8.59E-07	1.24E-06	1.97E-06	3.47E-07	1.38E-06	9.86E-06
1176	487497.18	3856537.45	1.36E-02	1.47E-02	1.03E-02	4.71E-06	1.42E-05	8.23E-06	8.91E-06	8.08E-06	3.69E-06	2.59E-06	1.57E-07	3.80E-06	8.38E-07	1.21E-06	1.92E-06	3.38E-07	1.36E-06	9.62E-06
1177	487547.18	3856537.45	1.33E-02	1.44E-02	1.02E-02	4.61E-06	1.39E-05	8.05E-06	8.71E-06	7.89E-06	3.60E-06	2.55E-06	1.54E-07	3.72E-06	8.20E-07	1.18E-06	1.88E-06	3.31E-07	1.34E-06	9.41E-06
1178	489285.89	3858826.54	2.18E-02	2.18E-02	2.27E-02	7.55E-06	2.28E-05	1.32E-05	1.32E-05	1.20E-05	5.47E-06	5.69E-06	2.52E-07	6.09E-06	1.34E-06	1.80E-06	2.85E-06	5.02E-07	2.99E-06	1.58E-05
1179	489335.89	3858826.54	2.12E-02	2.13E-02	2.21E-02	7.35E-06	2.22E-05	1.28E-05	1.29E-05	1.17E-05	5.33E-06	5.54E-06	2.45E-07	5.93E-06	1.31E-06	1.75E-06	2.78E-06	4.89E-07	2.91E-06	1.54E-05
1180	489385.89	3858826.54	2.06E-02	2.07E-02	2.15E-02	7.15E-06	2.16E-05	1.25E-05	1.25E-05	1.14E-05	5.18E-06	5.39E-06	2.39E-07	5.77E-06	1.27E-06	1.70E-06	2.70E-06	4.76E-07	2.83E-06	1.50E-05
1181	489435.89	3858826.54	2.01E-02	2.02E-02	2.10E-02	6.97E-06	2.10E-05	1.22E-05	1.22E-05	1.11E-05	5.05E-06	5.25E-06	2.33E-07	5.62E-06	1.24E-06	1.66E-06	2.63E-06	4.64E-07	2.76E-06	1.46E-05
1182	489485.89	3858826.54	1.96E-02	1.97E-02	2.04E-02	6.79E-06	2.05E-05	1.19E-05	1.19E-05	1.08E-05	4.93E-06	5.12E-06	2.27E-07	5.48E-06	1.21E-06	1.62E-06	2.57E-06	4.52E-07	2.69E-06	1.42E-05
1183	489535.89	3858826.54	1.91E-02	1.92E-02	1.99E-02	6.63E-06	2.00E-05	1.16E-05	1.16E-05	1.05E-05	4.81E-06	4.99E-06	2.21E-07	5.35E-06	1.18E-06	1.58E-06	2.50E-06	4.41E-07	2.62E-06	1.39E-05
1184	489585.89	3858826.54	1.87E-02	1.88E-02	1.95E-02	6.47E-06	1.96E-05	1.13E-05	1.14E-05	1.03E-05	4.70E-06	4.88E-06	2.16E-07	5.22E-06	1.15E-06	1.54E-06	2.45E-06	4.31E-07	2.56E-06	1.36E-05
1185	489635.89	3858826.54	1.82E-02	1.83E-02	1.90E-02	6.32E-06	1.91E-05	1.10E-05	1.11E-05	1.01E-05	4.59E-06	4.76E-06	2.11E-07	5.10E-06	1.13E-06	1.51E-06	2.39E-06	4.21E-07	2.50E-06	1.32E-05
1186	489685.89	3858826.54	1.78E-02	1.79E-02	1.85E-02	6.17E-06	1.86E-05	1.08E-05	1.08E-05	9.82E-06	4.48E-06	4.64E-06	2.06E-07	4.98E-06	1.10E-06	1.47E-06	2.33E-06	4.11E-07	2.44E-06	1.29E-05
1187	489735.89	3858826.54	1.74E-02	1.75E-02	1.81E-02	6.03E-06	1.82E-05	1.05E-05	1.06E-05	9.59E-06	4.38E-06	4.53E-06	2.01E-07	4.86E-06	1.07E-06	1.44E-06	2.28E-06	4.02E-07	2.38E-06	1.26E-05
1188	489785.89	3858826.54	1.70E-02	1.71E-02	1.77E-02	5.90E-06	1.78E-05	1.03E-05	1.04E-05	9.39E-06	4.28E-06	4.44E-06	1.97E-07	4.76E-06	1.05E-06	1.41E-06	2.23E-06	3.93E-07	2.33E-06	1.24E-05
1189	489835.89	3858826.54	1.66E-02	1.67E-02	1.73E-02	5.77E-06	1.74E-05	1.01E-05	1.01E-05	9.18E-06	4.19E-06	4.33E-06	1.93E-07	4.65E-06	1.03E-06	1.37E-06	2.18E-06	3.84E-07	2.27E-06	1.21E-05
1190	489885.89	3858826.54	1.63E-02	1.64E-02	1.69E-02	5.65E-06	1.71E-05	9.88E-06	9.92E-06	8.99E-06	4.10E-06	4.25E-06	1.89E-07	4.56E-06	1.01E-06	1.35E-06	2.14E-06	3.77E-07	2.23E-06	1.18E-05
1191	489935.89	3858826.54	1.60E-02	1.60E-02	1.66E-02	5.54E-06	1.67E-05	9.68E-06	9.72E-06	8.81E-06	4.02E-06	4.16E-06	1.85E-07	4.47E-06	9.86E-07	1.32E-06	2.09E-06	3.69E-07	2.18E-06	1.16E-05
1192	489985.89	3858826.54	1.56E-02	1.57E-02	1.62E-02	5.42E-06	1.64E-05	9.48E-06	9.52E-06	8.63E-06	3.94E-06	4.07E-06	1.81E-07	4.37E-06	9.65E-07	1.29E-06	2.05E-06	3.61E-07	2.14E-06	1.14E-05
1193	490035.89	3858826.54	1.53E-02	1.54E-02	1.59E-02	5.30E-06	1.60E-05	9.27E-06	9.31E-06	8.44E-06	3.85E-06	3.98E-06	1.77E-07	4.28E-06	9.44E-07	1.26E-06	2.01E-06	3.53E-07	2.09E-06	1.11E-05
1194	489285.89	3858876.54	2.33E-02	2.34E-02	2.43E-02	8.07E-06	2.44E-05	1.41E-05	1.41E-05	1.28E-05	5.85E-06	6.10E-06	2.70E-07	6.51E-06	1.44E-06	1.92E-06	3.05E-06	5.37E-07	3.20E-06	1.69E-05
1195	489335.89	3858876.54	2.26E-02	2.26E-02	2.36E-02	7.82E-06	2.36E-05	1.37E-05	1.37E-05	1.24E-05	5.67E-06	5.90E-06	2.61E-07	6.31E-06	1.39E-06	1.86E-06	2.95E-06	5.20E-07	3.10E-06	1.64E-05
1196	489385.89	3858876.54	2.19E-02	2.20E-02	2.29E-02	7.59E-06	2.29E-05	1.33E-05	1.33E-05	1.21E-05	5.50E-06	5.73E-06	2.53E-07	6.12E-06	1.35E-06	1.81E-06	2.87E-06	5.05E-07	3.01E-06	1.59E-05
1197	489435.89	3858876.54	2.13E-02	2.13E-02	2.22E-02	7.37E-06	2.23E-05	1.29E-05	1.29E-05	1.17E-05	5.35E-06	5.56E-06	2.46E-07	5.95E-06	1.31E-06	1.75E-06	2.78E-06	4.91E-07	2.92E-06	1.55E-05
1198	489485.89	3858876.54	2.07E-02	2.07E-02	2.16E-02	7.17E-06	2.16E-05	1.25E-05	1.26E-05	1.14E-05	5.20E-06	5.41E-06	2.39E-07	5.78E-06	1.28E-06	1.71E-06	2.71E-06	4.77E-07	2.84E-06	1.50E-05
1199	489535.89	3858876.54	2.01E-02	2.02E-02	2.10E-02	6.97E-06	2.10E-05	1.22E-05	1.22E-05	1.11E-05	5.06E-06	5.26E-06	2.33E-07	5.62E-06	1.24E-06	1.66E-06	2.63E-06	4.64E-07	2.76E-06	1.46E-05
1200	489585.89	3858876.54	1.96E-02	1.96E-02	2.04E-02	6.78E-06	2.05E-05	1.18E-05	1.19E-05	1.08E-05	4.92E-06	5.11E-06	2.26E-07	5.47E-06	1.21E-06	1.61E-06	2.56E-06	4.51E-07	2.68E-06	1.42E-05
1201	489635.89	3858876.54	1.91E-02	1.91E-02	1.99E-02	6.61E-06	1.99E-05	1.15E-05	1.16E-05	1.05E-05	4.79E-06	4.98E-06	2.21E-07	5.33E-06	1.18E-06	1.57E-06	2.50E-06	4.40E-07	2.61E-06	1.38E-05
1202	489685.89	3858876.54	1.86E-02	1.86E-02	1.93E-02	6.44E-06	1.94E-05	1.12E-05	1.13E-05	1.02E-05	4.67E-06	4.85E-06	2.15E-07	5.19E-06	1.15E-06	1.53E-06	2.43E-06	4.29E-07	2.54E-06	1.35E-05
1203	489735.89	3858876.54	1.81E-02	1.82E-02	1.88E-02	6.27E-06	1.89E-05	1.10E-05	1.10E-05	9.97E-06	4.55E-06	4.72E-06	2.09E-07	5.06E-06	1.12E-06	1.49E-06	2.37E-06	4.18E-07	2.48E-06	1.31E-05
1204	489785.89	3858876.54	1.77E-02	1.77E-02	1.84E-02	6.12E-06	1.85E-05	1.07E-05	1.07E-05	9.74E-06	4.44E-06	4.61E-06	2.05E-07	4.94E-06	1.09E-06	1.46E-06	2.31E-06	4.08E-07	2.42E-06	1.28E-05
1205	489835.89	3858876.54	1.72E-02	1.73E-02	1.79E-02	5.98E-06	1.80E-05	1.04E-05	1.05E-05	9.51E-06	4.34E-06	4.50E-06	2.00E-07	4.82E-06	1.06E-06	1.42E-06	2.26E-06	3.98E-07	2.36E-06	1.25E-05
1206	489885.89	3858876.54	1.69E-02	1.70E-02	1.76E-02	5.85E-06	1.77E-05	1.02E-05	1.03E-05	9.31E-06	4.25E-06	4.40E-06	1.95E-07	4.72E-06	1.04E-06	1.39E-06	2.21E-06	3.90E-07	2.31E-06	1.23E-05
1207	489935.89	3858876.54	1.65E-02	1.66E-02	1.71E-02	5.71E-06	1.73E-05	9.99E-06	1.00E-05	9.09E-06	4.15E-06	4.30E-06	1.91E-07	4.61E-06	1.02E-06	1.36E-06	2.16E-06	3.81E-07	2.25E-06	1.20E-05
1208	489985.89	3858876.54	1.61E-02	1.62E-02	1.67E-02	5.58E-06	1.68E-05	9.75E-06	9.79E-06	8.88E-06	4.05E-06	4.19E-06	1.86E-07	4.50E-06	9.93E-07	1.33E-06	2.11E-06	3.72E-07	2.20E-06	1.17E-05
1209	490035.89	3858876.54	1.57E-02	1.58E-02	1.63E-02	5.45E-06	1.65E-05	9.53E-06	9.57E-06	8.68E-06	3.96E-06	4.10E-06	1.82E-07	4.40E-06	9.70E-07	1.30E-06	2.06E-06	3.63E-07	2.15E-06	1.14E-05
1210	489285.89	3858926.54	2.49E-02	2.49E-02	2.60E-02	8.62E-06	2.60E-05	1.51E-05	1.51E-05	1.37E-05	6.25E-06	6.52E-06	2.88E-07	6.95E-06	1.53E-06	2.05E-06	3.25E-06	5.73E-07	3.42E-06	1.81E-05
1211	489335.89	3858926.54	2.40E-02	2.41E-02	2.51E-02	8.31E-06	2.51E-05	1.45E-05	1.46E-05	1.32E-05	6.03E-06	6.28E-06	2.78E-07	6.71E-06	1.48E-06	1.98E-06	3.14E-06	5.53E-07	3.30E-06	1.74E-05
1212	489385.89	3858926.54	2.32E-02	2.32E-02	2.42E-02	8.02E-06	2.42E-05	1.40E-05	1.41E-05	1.27E-05	5.82E-06	6.06E-06	2.68E-07	6.47E-06	1.43E-06	1.91E-06	3.03E-06	5.34E-07	3.18E-06	1.68E-05

1213	489435.89	3858926.54	2.24E-02	2.25E-02	2.34E-02	7.77E-06	2.35E-05	1.36E-05	1.36E-05	1.23E-05	5.63E-06	5.87E-06	2.59E-07	6.27E-06	1.38E-06	1.85E-06	2.93E-06	5.17E-07	3.08E-06	1.63E-05
1214	489485.89	3858926.54	2.17E-02	2.18E-02	2.27E-02	7.53E-06	2.27E-05	1.32E-05	1.32E-05	1.20E-05	5.46E-06	5.68E-06	2.51E-07	6.07E-06	1.34E-06	1.79E-06	2.84E-06	5.01E-07	2.98E-06	1.58E-05
1215	489535.89	3858926.54	2.11E-02	2.11E-02	2.20E-02	7.30E-06	2.20E-05	1.28E-05	1.28E-05	1.16E-05	5.29E-06	5.51E-06	2.44E-07	5.89E-06	1.30E-06	1.74E-06	2.76E-06	4.86E-07	2.89E-06	1.53E-05
1216	489585.89	3858926.54	2.04E-02	2.05E-02	2.13E-02	7.08E-06	2.14E-05	1.24E-05	1.24E-05	1.13E-05	5.14E-06	5.35E-06	2.37E-07	5.71E-06	1.26E-06	1.69E-06	2.68E-06	4.71E-07	2.81E-06	1.49E-05
1217	489635.89	3858926.54	1.99E-02	1.99E-02	2.07E-02	6.88E-06	2.08E-05	1.20E-05	1.21E-05	1.09E-05	4.99E-06	5.19E-06	2.30E-07	5.55E-06	1.23E-06	1.64E-06	2.60E-06	4.58E-07	2.72E-06	1.44E-05
1218	489685.89	3858926.54	1.93E-02	1.94E-02	2.01E-02	6.69E-06	2.02E-05	1.17E-05	1.17E-05	1.06E-05	4.85E-06	5.04E-06	2.23E-07	5.39E-06	1.19E-06	1.59E-06	2.52E-06	4.45E-07	2.65E-06	1.40E-05
1219	489735.89	3858926.54	1.88E-02	1.89E-02	1.96E-02	6.51E-06	1.97E-05	1.14E-05	1.14E-05	1.04E-05	4.72E-06	4.91E-06	2.17E-07	5.25E-06	1.16E-06	1.55E-06	2.46E-06	4.34E-07	2.58E-06	1.37E-05
1220	489785.89	3858926.54	1.83E-02	1.84E-02	1.91E-02	6.35E-06	1.92E-05	1.11E-05	1.11E-05	1.01E-05	4.61E-06	4.79E-06	2.12E-07	5.12E-06	1.13E-06	1.51E-06	2.40E-06	4.23E-07	2.51E-06	1.33E-05
1221	489835.89	3858926.54	1.78E-02	1.79E-02	1.86E-02	6.18E-06	1.87E-05	1.08E-05	1.08E-05	9.83E-06	4.49E-06	4.66E-06	2.07E-07	4.99E-06	1.10E-06	1.47E-06	2.34E-06	4.12E-07	2.44E-06	1.30E-05
1222	489885.89	3858926.54	1.74E-02	1.75E-02	1.81E-02	6.04E-06	1.82E-05	1.06E-05	1.06E-05	9.60E-06	4.38E-06	4.55E-06	2.02E-07	4.87E-06	1.07E-06	1.44E-06	2.28E-06	4.02E-07	2.39E-06	1.27E-05
1223	489935.89	3858926.54	1.70E-02	1.71E-02	1.77E-02	5.89E-06	1.78E-05	1.03E-05	1.03E-05	9.37E-06	4.28E-06	4.43E-06	1.97E-07	4.75E-06	1.05E-06	1.40E-06	2.23E-06	3.92E-07	2.33E-06	1.23E-05
1224	489985.89	3858926.54	1.66E-02	1.66E-02	1.72E-02	5.74E-06	1.73E-05	1.00E-05	1.01E-05	9.13E-06	4.17E-06	4.32E-06	1.92E-07	4.63E-06	1.02E-06	1.37E-06	2.17E-06	3.82E-07	2.27E-06	1.20E-05
1225	490035.89	3858926.54	1.61E-02	1.62E-02	1.68E-02	5.58E-06	1.69E-05	9.76E-06	9.80E-06	8.88E-06	4.05E-06	4.20E-06	1.86E-07	4.50E-06	9.94E-07	1.33E-06	2.11E-06	3.72E-07	2.20E-06	1.17E-05
1226	489335.89	3858976.54	2.53E-02	2.54E-02	2.65E-02	8.78E-06	2.65E-05	1.53E-05	1.54E-05	1.39E-05	6.36E-06	6.64E-06	2.93E-07	7.08E-06	1.56E-06	2.09E-06	3.31E-06	5.84E-07	3.49E-06	1.84E-05
1227	489385.89	3858976.54	2.44E-02	2.44E-02	2.55E-02	8.44E-06	2.55E-05	1.48E-05	1.48E-05	1.34E-05	6.12E-06	6.38E-06	2.82E-07	6.81E-06	1.50E-06	2.01E-06	3.19E-06	5.62E-07	3.35E-06	1.77E-05
1228	489435.89	3858976.54	2.35E-02	2.36E-02	2.46E-02	8.16E-06	2.46E-05	1.43E-05	1.43E-05	1.30E-05	5.91E-06	6.17E-06	2.72E-07	6.58E-06	1.45E-06	1.94E-06	3.08E-06	5.43E-07	3.24E-06	1.71E-05
1229	489485.89	3858976.54	2.27E-02	2.28E-02	2.37E-02	7.87E-06	2.38E-05	1.38E-05	1.38E-05	1.25E-05	5.71E-06	5.95E-06	2.63E-07	6.35E-06	1.40E-06	1.87E-06	2.97E-06	5.24E-07	3.12E-06	1.65E-05
1230	489535.89	3858976.54	2.20E-02	2.20E-02	2.29E-02	7.61E-06	2.30E-05	1.33E-05	1.33E-05	1.21E-05	5.52E-06	5.75E-06	2.54E-07	6.14E-06	1.35E-06	1.81E-06	2.87E-06	5.06E-07	3.02E-06	1.59E-05
1231	489585.89	3858976.54	2.13E-02	2.13E-02	2.22E-02	7.38E-06	2.23E-05	1.29E-05	1.29E-05	1.17E-05	5.35E-06	5.57E-06	2.46E-07	5.95E-06	1.31E-06	1.76E-06	2.78E-06	4.91E-07	2.92E-06	1.55E-05
1232	489635.89	3858976.54	2.06E-02	2.07E-02	2.15E-02	7.15E-06	2.16E-05	1.25E-05	1.25E-05	1.14E-05	5.18E-06	5.40E-06	2.39E-07	5.77E-06	1.27E-06	1.70E-06	2.70E-06	4.76E-07	2.83E-06	1.50E-05
1233	489685.89	3858976.54	2.00E-02	2.01E-02	2.09E-02	6.93E-06	2.09E-05	1.21E-05	1.21E-05	1.10E-05	5.03E-06	5.23E-06	2.31E-07	5.59E-06	1.23E-06	1.65E-06	2.62E-06	4.61E-07	2.74E-06	1.45E-05
1234	489735.89	3858976.54	1.94E-02	1.95E-02	2.03E-02	6.74E-06	2.03E-05	1.18E-05	1.18E-05	1.07E-05	4.88E-06	5.08E-06	2.25E-07	5.43E-06	1.20E-06	1.60E-06	2.54E-06	4.48E-07	2.67E-06	1.41E-05
1235	489785.89	3858976.54	1.89E-02	1.90E-02	1.97E-02	6.56E-06	1.98E-05	1.15E-05	1.15E-05	1.04E-05	4.76E-06	4.95E-06	2.19E-07	5.29E-06	1.17E-06	1.56E-06	2.48E-06	4.37E-07	2.60E-06	1.38E-05
1236	489835.89	3858976.54	1.84E-02	1.85E-02	1.92E-02	6.39E-06	1.93E-05	1.12E-05	1.12E-05	1.02E-05	4.64E-06	4.82E-06	2.13E-07	5.16E-06	1.14E-06	1.52E-06	2.41E-06	4.25E-07	2.53E-06	1.34E-05
1237	489885.89	3858976.54	1.79E-02	1.80E-02	1.87E-02	6.21E-06	1.87E-05	1.09E-05	1.09E-05	9.87E-06	4.50E-06	4.68E-06	2.07E-07	5.01E-06	1.10E-06	1.48E-06	2.35E-06	4.13E-07	2.46E-06	1.30E-05
1238	489935.89	3858976.54	1.74E-02	1.75E-02	1.82E-02	6.04E-06	1.82E-05	1.06E-05	1.06E-05	9.61E-06	4.38E-06	4.55E-06	2.02E-07	4.87E-06	1.08E-06	1.44E-06	2.28E-06	4.02E-07	2.39E-06	1.27E-05
1239	489985.89	3858976.54	1.70E-02	1.71E-02	1.77E-02	5.89E-06	1.78E-05	1.03E-05	1.03E-05	9.37E-06	4.27E-06	4.43E-06	1.97E-07	4.75E-06	1.05E-06	1.40E-06	2.23E-06	3.92E-07	2.33E-06	1.23E-05
1240	490035.89	3858976.54	1.63E-02	1.64E-02	1.70E-02	5.66E-06	1.71E-05	9.89E-06	9.93E-06	9.00E-06	4.11E-06	4.26E-06	1.89E-07	4.56E-06	1.01E-06	1.35E-06	2.14E-06	3.77E-07	2.23E-06	1.19E-05
1241	489385.89	3859026.54	2.55E-02	2.55E-02	2.67E-02	8.83E-06	2.67E-05	1.54E-05	1.55E-05	1.40E-05	6.40E-06	6.68E-06	2.95E-07	7.12E-06	1.57E-06	2.10E-06	3.33E-06	5.87E-07	3.51E-06	1.85E-05
1242	489435.89	3859026.54	2.45E-02	2.46E-02	2.56E-02	8.49E-06	2.56E-05	1.48E-05	1.49E-05	1.35E-05	6.15E-06	6.42E-06	2.84E-07	6.85E-06	1.51E-06	2.02E-06	3.20E-06	5.65E-07	3.37E-06	1.78E-05
1243	489485.89	3859026.54	2.36E-02	2.37E-02	2.47E-02	8.18E-06	2.47E-05	1.43E-05	1.43E-05	1.30E-05	5.93E-06	6.18E-06	2.73E-07	6.60E-06	1.46E-06	1.95E-06	3.09E-06	5.44E-07	3.25E-06	1.71E-05
1244	489535.89	3859026.54	2.28E-02	2.28E-02	2.38E-02	7.90E-06	2.38E-05	1.38E-05	1.38E-05	1.25E-05	5.72E-06	5.97E-06	2.64E-07	6.37E-06	1.41E-06	1.88E-06	2.98E-06	5.25E-07	3.13E-06	1.66E-05
1245	489585.89	3859026.54	2.20E-02	2.21E-02	2.30E-02	7.62E-06	2.30E-05	1.33E-05	1.34E-05	1.21E-05	5.53E-06	5.76E-06	2.55E-07	6.15E-06	1.36E-06	1.81E-06	2.88E-06	5.07E-07	3.02E-06	1.60E-05
1246	489635.89	3859026.54	2.13E-02	2.14E-02	2.23E-02	7.38E-06	2.23E-05	1.29E-05	1.29E-05	1.17E-05	5.35E-06	5.58E-06	2.46E-07	5.95E-06	1.31E-06	1.76E-06	2.79E-06	4.91E-07	2.93E-06	1.55E-05
1247	489685.89	3859026.54	2.06E-02	2.07E-02	2.16E-02	7.15E-06	2.16E-05	1.25E-05	1.25E-05	1.14E-05	5.19E-06	5.40E-06	2.39E-07	5.77E-06	1.27E-06	1.70E-06	2.70E-06	4.76E-07	2.83E-06	1.50E-05
1248	489735.89	3859026.54	2.00E-02	2.01E-02	2.09E-02	6.95E-06	2.10E-05	1.21E-05	1.22E-05	1.10E-05	5.04E-06	5.25E-06	2.32E-07	5.60E-06	1.24E-06	1.65E-06	2.62E-06	4.62E-07	2.75E-06	1.46E-05
1249	489785.89	3859026.54	1.95E-02	1.95E-02	2.03E-02	6.75E-06	2.04E-05	1.18E-05	1.18E-05	1.07E-05	4.90E-06	5.10E-06	2.26E-07	5.45E-06	1.20E-06	1.61E-06	2.55E-06	4.49E-07	2.68E-06	1.42E-05
1250	489835.89	3859026.54	1.89E-02	1.90E-02	1.97E-02	6.55E-06	1.98E-05	1.14E-05	1.15E-05	1.04E-05	4.75E-06	4.94E-06	2.19E-07	5.28E-06	1.17E-06	1.56E-06	2.47E-06	4.36E-07	2.59E-06	1.37E-05
1251	489885.89	3859026.54	1.84E-02	1.84E-02	1.92E-02	6.37E-06	1.92E-05	1.11E-05	1.12E-05	1.01E-05	4.62E-06	4.80E-06	2.13E-07	5.13E-06	1.13E-06	1.52E-06	2.40E-06	4.24E-07	2.52E-06	1.33E-05
1252	489935.89	3859026.54	1.78E-02	1.79E-02	1.86E-02	6.18E-06	1.87E-05	1.08E-05	1.08E-05	9.83E-06	4.49E-06	4.66E-06	2.07E-07	4.99E-06	1.10E-06	1.47E-06	2.34E-06	4.12E-07	2.45E-06	1.30E-05
1253	489985.89	3859026.54	1.74E-02	1.74E-02	1.81E-02	6.01E-06	1.82E-05	1.05E-05	1.05E-05	9.56E-06	4.36E-06	4.53E-06	2.01E-07	4.85E-06	1.07E-06	1.43E-06	2.27E-06	4.00E-07	2.38E-06	1.26E-05
1254	490035.89	3859026.54	1.66E-02	1.66E-02	1.73E-02	5.75E-06	1.74E-05	1.00E-05	1.01E-05	9.14E-06	4.17E-06	4.33E-06	1.92E-07	4.64E-06	1.02E-06	1.37E-06	2.17E-06	3.83E-07	2.27E-06	1.20E-05
1255	489485.89	3859076.54	2.44E-02	2.44E-02	2.55E-02	8.45E-06	2.55E-05	1.48E-05	1.48E-05	1.34E-05	6.12E-06	6.39E-06	2.82E-07	6.81E-06	1.50E-06	2.01E-06	3.19E-06	5.62E-07	3.35E-06	1.77E-05
1256	489535.89	3859076.54	2.35E-02	2.35E-02	2.45E-02	8.13E-06	2.46E-05	1.42E-05	1.43E-05	1.29E-05	5.89E-06	6.15E-06	2.72E-07	6.56E-06	1.45E-06	1.93E-06	3.07E-06	5.41E-07	3.23E-06	1.71E-05
1257	489585.89	3859076.54	2.26E-02	2.27E-02	2.37E-02	7.84E-06	2.37E-05	1.37E-05	1.37E-05	1.25E-05	5.68E-06	5.93E-06	2.62E-07	6.33E-06	1.40E-06	1.87E-06	2.96E-06	5.22E-07	3.11E-06	1.64E-05
1258	489635.89	3859076.54	2.19E-02	2.20E-02	2.29E-02	7.59E-06	2.29E-05	1.33E-05	1.33E-05	1.21E-05	5.50E-06	5.74E-06	2.54E-07	6.12E-06	1.35E-06	1.81E-06	2.87E-06	5.05E-07	3.01E-06	1.59E-05
1259	489685.89	3859076.54	2.12E-02	2.13E-02	2.22E-02	7.36E-06	2.22E-05	1.29E-05	1.29E-05	1.17E-05	5.33E-06	5.56E-06	2.46E-07	5.93E-06	1.31E-06	1.75E-06	2.78E-06	4.89E-07	2.92E-06	1.54E-05
1260	489735.89	3859076.54	2.06E-02	2.06E-02	2.15E-02	7.13E-06	2.15E-05	1.25E-05	1.25E-05	1.13E-05	5.17E-06	5.39E-06	2.38E-07	5.75E-06	1.27E-06	1.70E-06	2.69E-06	4.74E-07	2.83E-06	1.49E-05
1261	489785.89	3859076.54	2.00E-02	2.00E-02	2.09E-02	6.92E-06	2.09E-05	1.21E-05	1.21E-05	1.10E-05	5.02E-06	5.23E-06	2.31E-07	5.58E-06	1.23E-06	1.65E-06	2.61E-06	4.60E-07	2.74E-06	1.45E-05
1262	489835.89	3859076.54	1.94E-02	1.94E-02	2.02E-02	6.71E-06	2.03E-05	1.17E-05	1.18E-05	1.07E-05	4.87E-06	5.07E-06	2.24E-07	5.41E-06	1.19E-06	1.60E-06	2.53E-06	4.46E-07	2.66E-06	1.41E-05
1263	489885.89	3859076.54	1.88E-02	1.88E-02	1.96E-02	6.51E-06	1.97E-05	1.14E-05	1.14E-05	1.03E-05	4.72E-06	4.91E-06	2.17E-07	5.25E-06	1.16E-06	1.55E-06	2.46E-06	4.33E-07	2.58E-06	1.36E-05
1264	489935.89	3859076.54	1.83E-02	1.83E-02	1.90E-02	6.33E-06	1.91E-05	1.11E-05	1.11E-05	1.01E-05	4.59E-06	4.77E-06	2.11E-07	5.10E-06	1.13E-06	1.51E-06	2.39E-06	4.21E-07	2.50E-06	1.33E-05
1265	489985.89	3859076.54	1.77E-02	1.78E-02	1.85E-02	6.14E-06	1.85E-05	1.07E-05	1.08E-05	9.76E-06	4.45E-06	4.63E-06	2.05E-07	4.95E-06	1.09E-06	1.46E-06	2.32E-06	4.09E-07	2.43E-06	1.29E-05

1266	490035.89	3859076.54	1.70E-02	1.70E-02	1.77E-02	5.88E-06	1.77E-05	1.03E-05	1.03E-05	9.34E-06	4.26E-06	4.43E-06	1.96E-07	4.74E-06	1.05E-06	1.40E-06	2.22E-06	3.91E-07	2.32E-06	1.23E-05
1267	489585.89	3859126.54	2.32E-02	2.32E-02	2.43E-02	8.04E-06	2.43E-05	1.40E-05	1.41E-05	1.28E-05	5.82E-06	6.08E-06	2.68E-07	6.48E-06	1.43E-06	1.91E-06	3.03E-06	5.34E-07	3.19E-06	1.68E-05
1268	489635.89	3859126.54	2.24E-02	2.25E-02	2.35E-02	7.77E-06	2.35E-05	1.36E-05	1.36E-05	1.23E-05	5.63E-06	5.88E-06	2.59E-07	6.27E-06	1.38E-06	1.85E-06	2.93E-06	5.17E-07	3.08E-06	1.63E-05
1269	489685.89	3859126.54	2.17E-02	2.17E-02	2.27E-02	7.52E-06	2.27E-05	1.31E-05	1.32E-05	1.19E-05	5.45E-06	5.68E-06	2.51E-07	6.06E-06	1.34E-06	1.79E-06	2.84E-06	5.00E-07	2.98E-06	1.58E-05
1270	489735.89	3859126.54	2.10E-02	2.11E-02	2.20E-02	7.28E-06	2.20E-05	1.27E-05	1.28E-05	1.16E-05	5.28E-06	5.50E-06	2.43E-07	5.87E-06	1.30E-06	1.73E-06	2.75E-06	4.84E-07	2.89E-06	1.53E-05
1271	489785.89	3859126.54	2.04E-02	2.04E-02	2.13E-02	7.06E-06	2.13E-05	1.23E-05	1.24E-05	1.12E-05	5.12E-06	5.33E-06	2.36E-07	5.69E-06	1.26E-06	1.68E-06	2.66E-06	4.69E-07	2.80E-06	1.48E-05
1272	489835.89	3859126.54	1.97E-02	1.98E-02	2.06E-02	6.84E-06	2.06E-05	1.20E-05	1.20E-05	1.09E-05	4.96E-06	5.16E-06	2.28E-07	5.52E-06	1.22E-06	1.63E-06	2.58E-06	4.55E-07	2.71E-06	1.43E-05
1273	489885.89	3859126.54	1.91E-02	1.92E-02	2.00E-02	6.62E-06	2.00E-05	1.16E-05	1.16E-05	1.05E-05	4.80E-06	5.00E-06	2.21E-07	5.34E-06	1.18E-06	1.58E-06	2.50E-06	4.41E-07	2.63E-06	1.39E-05
1274	489935.89	3859126.54	1.86E-02	1.86E-02	1.94E-02	6.44E-06	1.94E-05	1.12E-05	1.13E-05	1.02E-05	4.67E-06	4.86E-06	2.15E-07	5.19E-06	1.15E-06	1.53E-06	2.43E-06	4.28E-07	2.55E-06	1.35E-05
1275	489985.89	3859126.54	1.79E-02	1.80E-02	1.87E-02	6.21E-06	1.88E-05	1.09E-05	1.09E-05	9.88E-06	4.51E-06	4.69E-06	2.07E-07	5.01E-06	1.11E-06	1.48E-06	2.35E-06	4.14E-07	2.46E-06	1.30E-05
1276	490035.89	3859126.54	1.73E-02	1.74E-02	1.81E-02	6.00E-06	1.81E-05	1.05E-05	1.05E-05	9.53E-06	4.35E-06	4.52E-06	2.00E-07	4.84E-06	1.07E-06	1.43E-06	2.27E-06	3.99E-07	2.37E-06	1.26E-05
1277	489585.89	3859176.54	2.36E-02	2.36E-02	2.47E-02	8.17E-06	2.47E-05	1.43E-05	1.43E-05	1.30E-05	5.92E-06	6.18E-06	2.73E-07	6.59E-06	1.45E-06	1.94E-06	3.08E-06	5.43E-07	3.24E-06	1.71E-05
1278	489635.89	3859176.54	2.28E-02	2.28E-02	2.38E-02	7.89E-06	2.38E-05	1.38E-05	1.38E-05	1.25E-05	5.72E-06	5.97E-06	2.64E-07	6.37E-06	1.41E-06	1.88E-06	2.98E-06	5.25E-07	3.13E-06	1.66E-05
1279	489685.89	3859176.54	2.21E-02	2.21E-02	2.31E-02	7.64E-06	2.31E-05	1.34E-05	1.34E-05	1.21E-05	5.54E-06	5.78E-06	2.55E-07	6.16E-06	1.36E-06	1.82E-06	2.88E-06	5.08E-07	3.03E-06	1.60E-05
1280	489735.89	3859176.54	2.14E-02	2.14E-02	2.23E-02	7.40E-06	2.24E-05	1.29E-05	1.30E-05	1.18E-05	5.37E-06	5.60E-06	2.47E-07	5.97E-06	1.32E-06	1.76E-06	2.79E-06	4.92E-07	2.94E-06	1.55E-05
1281	489785.89	3859176.54	2.07E-02	2.07E-02	2.16E-02	7.16E-06	2.16E-05	1.25E-05	1.25E-05	1.14E-05	5.19E-06	5.41E-06	2.39E-07	5.78E-06	1.27E-06	1.70E-06	2.70E-06	4.76E-07	2.84E-06	1.50E-05
1282	489835.89	3859176.54	2.00E-02	2.01E-02	2.09E-02	6.94E-06	2.10E-05	1.21E-05	1.22E-05	1.10E-05	5.03E-06	5.24E-06	2.32E-07	5.60E-06	1.24E-06	1.65E-06	2.62E-06	4.62E-07	2.75E-06	1.45E-05
1283	489885.89	3859176.54	1.94E-02	1.94E-02	2.03E-02	6.72E-06	2.03E-05	1.17E-05	1.18E-05	1.07E-05	4.87E-06	5.08E-06	2.24E-07	5.42E-06	1.20E-06	1.60E-06	2.54E-06	4.47E-07	2.66E-06	1.41E-05
1284	489935.89	3859176.54	1.88E-02	1.89E-02	1.97E-02	6.53E-06	1.97E-05	1.14E-05	1.14E-05	1.04E-05	4.73E-06	4.93E-06	2.18E-07	5.27E-06	1.16E-06	1.55E-06	2.46E-06	4.34E-07	2.59E-06	1.37E-05
1285	489985.89	3859176.54	1.82E-02	1.82E-02	1.90E-02	6.30E-06	1.90E-05	1.10E-05	1.10E-05	1.00E-05	4.57E-06	4.76E-06	2.10E-07	5.08E-06	1.12E-06	1.50E-06	2.38E-06	4.19E-07	2.50E-06	1.32E-05
1286	490035.89	3859176.54	1.77E-02	1.77E-02	1.85E-02	6.13E-06	1.85E-05	1.07E-05	1.07E-05	9.74E-06	4.44E-06	4.62E-06	2.05E-07	4.94E-06	1.09E-06	1.46E-06	2.31E-06	4.08E-07	2.43E-06	1.28E-05
1287	489685.89	3859226.54	2.22E-02	2.23E-02	2.33E-02	7.71E-06	2.33E-05	1.35E-05	1.35E-05	1.22E-05	5.59E-06	5.83E-06	2.57E-07	6.22E-06	1.37E-06	1.83E-06	2.91E-06	5.13E-07	3.06E-06	1.62E-05
1288	489735.89	3859226.54	2.16E-02	2.16E-02	2.26E-02	7.48E-06	2.26E-05	1.31E-05	1.31E-05	1.19E-05	5.42E-06	5.66E-06	2.50E-07	6.03E-06	1.33E-06	1.78E-06	2.82E-06	4.97E-07	2.97E-06	1.57E-05
1289	489785.89	3859226.54	2.09E-02	2.09E-02	2.18E-02	7.24E-06	2.19E-05	1.27E-05	1.27E-05	1.15E-05	5.25E-06	5.47E-06	2.42E-07	5.84E-06	1.29E-06	1.72E-06	2.73E-06	4.81E-07	2.87E-06	1.52E-05
1290	489835.89	3859226.54	2.02E-02	2.03E-02	2.11E-02	7.00E-06	2.11E-05	1.22E-05	1.23E-05	1.11E-05	5.07E-06	5.29E-06	2.34E-07	5.65E-06	1.25E-06	1.67E-06	2.64E-06	4.66E-07	2.78E-06	1.47E-05
1291	489885.89	3859226.54	1.96E-02	1.96E-02	2.05E-02	6.79E-06	2.05E-05	1.19E-05	1.19E-05	1.08E-05	4.92E-06	5.13E-06	2.27E-07	5.47E-06	1.21E-06	1.61E-06	2.56E-06	4.51E-07	2.69E-06	1.42E-05
1292	489935.89	3859226.54	1.90E-02	1.90E-02	1.98E-02	6.58E-06	1.99E-05	1.15E-05	1.15E-05	1.05E-05	4.77E-06	4.97E-06	2.20E-07	5.31E-06	1.17E-06	1.57E-06	2.48E-06	4.38E-07	2.61E-06	1.38E-05
1293	489985.89	3859226.54	1.83E-02	1.83E-02	1.91E-02	6.34E-06	1.91E-05	1.11E-05	1.11E-05	1.01E-05	4.59E-06	4.78E-06	2.12E-07	5.11E-06	1.13E-06	1.51E-06	2.39E-06	4.22E-07	2.51E-06	1.33E-05
1294	490035.89	3859226.54	1.78E-02	1.79E-02	1.86E-02	6.18E-06	1.86E-05	1.08E-05	1.08E-05	9.81E-06	4.48E-06	4.66E-06	2.06E-07	4.98E-06	1.10E-06	1.47E-06	2.33E-06	4.11E-07	2.45E-06	1.29E-05
1295	489735.89	3859276.54	2.17E-02	2.17E-02	2.27E-02	7.51E-06	2.27E-05	1.31E-05	1.32E-05	1.19E-05	5.44E-06	5.68E-06	2.51E-07	6.06E-06	1.34E-06	1.79E-06	2.83E-06	4.99E-07	2.98E-06	1.57E-05
1296	489785.89	3859276.54	2.10E-02	2.11E-02	2.20E-02	7.28E-06	2.20E-05	1.27E-05	1.28E-05	1.16E-05	5.27E-06	5.50E-06	2.43E-07	5.87E-06	1.30E-06	1.73E-06	2.75E-06	4.84E-07	2.89E-06	1.53E-05
1297	489835.89	3859276.54	2.03E-02	2.04E-02	2.12E-02	7.04E-06	2.12E-05	1.23E-05	1.23E-05	1.12E-05	5.10E-06	5.32E-06	2.35E-07	5.68E-06	1.25E-06	1.67E-06	2.66E-06	4.68E-07	2.79E-06	1.48E-05
1298	489885.89	3859276.54	1.97E-02	1.97E-02	2.06E-02	6.83E-06	2.06E-05	1.19E-05	1.20E-05	1.08E-05	4.95E-06	5.16E-06	2.28E-07	5.51E-06	1.22E-06	1.62E-06	2.58E-06	4.54E-07	2.71E-06	1.43E-05
1299	489935.89	3859276.54	1.91E-02	1.91E-02	1.99E-02	6.61E-06	2.00E-05	1.16E-05	1.16E-05	1.05E-05	4.79E-06	5.00E-06	2.21E-07	5.33E-06	1.18E-06	1.57E-06	2.50E-06	4.40E-07	2.62E-06	1.39E-05
1300	489985.89	3859276.54	1.83E-02	1.84E-02	1.92E-02	6.35E-06	1.92E-05	1.11E-05	1.11E-05	1.01E-05	4.61E-06	4.80E-06	2.12E-07	5.12E-06	1.13E-06	1.51E-06	2.40E-06	4.23E-07	2.52E-06	1.33E-05
1301	490035.89	3859276.54	1.80E-02	1.80E-02	1.88E-02	6.22E-06	1.88E-05	1.09E-05	1.09E-05	9.89E-06	4.51E-06	4.70E-06	2.08E-07	5.02E-06	1.11E-06	1.48E-06	2.35E-06	4.14E-07	2.47E-06	1.30E-05
1302	490458.06	3859590.74	1.49E-02	1.50E-02	1.56E-02	5.17E-06	1.56E-05	9.04E-06	9.06E-06	8.21E-06	3.75E-06	3.90E-06	1.73E-07	4.17E-06	9.20E-07	1.23E-06	1.95E-06	3.44E-07	2.05E-06	1.08E-05
1303	490508.06	3859590.74	1.46E-02	1.46E-02	1.52E-02	5.05E-06	1.52E-05	8.82E-06	8.84E-06	8.02E-06	3.66E-06	3.81E-06	1.68E-07	4.07E-06	8.98E-07	1.20E-06	1.90E-06	3.36E-07	2.00E-06	1.06E-05
1304	490558.06	3859590.74	1.42E-02	1.42E-02	1.48E-02	4.92E-06	1.49E-05	8.61E-06	8.63E-06	7.82E-06	3.57E-06	3.72E-06	1.64E-07	3.97E-06	8.76E-07	1.17E-06	1.86E-06	3.28E-07	1.95E-06	1.03E-05
1305	490608.06	3859590.74	1.38E-02	1.39E-02	1.45E-02	4.80E-06	1.45E-05	8.39E-06	8.41E-06	7.63E-06	3.48E-06	3.62E-06	1.60E-07	3.87E-06	8.54E-07	1.14E-06	1.81E-06	3.19E-07	1.90E-06	1.01E-05
1306	490658.06	3859590.74	1.35E-02	1.35E-02	1.41E-02	4.67E-06	1.41E-05	8.16E-06	8.19E-06	7.42E-06	3.39E-06	3.52E-06	1.56E-07	3.77E-06	8.31E-07	1.11E-06	1.76E-06	3.11E-07	1.85E-06	9.79E-06
1307	490708.06	3859590.74	1.31E-02	1.32E-02	1.37E-02	4.54E-06	1.37E-05	7.94E-06	7.97E-06	7.22E-06	3.30E-06	3.43E-06	1.52E-07	3.66E-06	8.09E-07	1.08E-06	1.72E-06	3.02E-07	1.80E-06	9.52E-06
1308	490758.06	3859590.74	1.27E-02	1.28E-02	1.33E-02	4.41E-06	1.33E-05	7.71E-06	7.74E-06	7.01E-06	3.20E-06	3.32E-06	1.47E-07	3.56E-06	7.85E-07	1.05E-06	1.67E-06	2.94E-07	1.74E-06	9.24E-06
1309	490808.06	3859590.74	1.24E-02	1.24E-02	1.29E-02	4.30E-06	1.30E-05	7.51E-06	7.54E-06	6.83E-06	3.12E-06	3.24E-06	1.43E-07	3.47E-06	7.65E-07	1.02E-06	1.62E-06	2.86E-07	1.70E-06	9.00E-06
1310	490858.06	3859590.74	1.21E-02	1.21E-02	1.26E-02	4.18E-06	1.26E-05	7.30E-06	7.33E-06	6.64E-06	3.03E-06	3.15E-06	1.40E-07	3.37E-06	7.44E-07	9.95E-07	1.58E-06	2.78E-07	1.65E-06	8.76E-06
1311	490458.06	3859640.74	1.49E-02	1.50E-02	1.56E-02	5.18E-06	1.56E-05	9.05E-06	9.08E-06	8.23E-06	3.75E-06	3.91E-06	1.73E-07	4.18E-06	9.22E-07	1.23E-06	1.96E-06	3.45E-07	2.05E-06	1.09E-05
1312	490508.06	3859640.74	1.46E-02	1.46E-02	1.53E-02	5.06E-06	1.53E-05	8.85E-06	8.87E-06	8.04E-06	3.67E-06	3.82E-06	1.69E-07	4.08E-06	9.01E-07	1.20E-06	1.91E-06	3.37E-07	2.01E-06	1.06E-05
1313	490558.06	3859640.74	1.43E-02	1.43E-02	1.49E-02	4.95E-06	1.49E-05	8.65E-06	8.67E-06	7.86E-06	3.59E-06	3.74E-06	1.65E-07	3.99E-06	8.80E-07	1.18E-06	1.87E-06	3.29E-07	1.96E-06	1.04E-05
1314	490608.06	3859640.74	1.39E-02	1.40E-02	1.45E-02	4.82E-06	1.46E-05	8.43E-06	8.45E-06	7.66E-06	3.50E-06	3.64E-06	1.61E-07	3.89E-06	8.58E-07	1.15E-06	1.82E-06	3.21E-07	1.91E-06	1.01E-05
1315	490658.06	3859640.74	1.35E-02	1.36E-02	1.41E-02	4.69E-06	1.42E-05	8.20E-06	8.23E-06	7.46E-06	3.40E-06	3.54E-06	1.57E-07	3.78E-06	8.35E-07	1.12E-06	1.77E-06	3.12E-07	1.86E-06	9.83E-06
1316	490708.06	3859640.74	1.32E-02	1.32E-02	1.38E-02	4.57E-06	1.38E-05	7.99E-06	8.01E-06	7.26E-06	3.31E-06	3.45E-06	1.53E-07	3.69E-06	8.13E-07	1.09E-06	1.73E-06	3.04E-07	1.81E-06	9.58E-06
1317	490758.06	3859640.74	1.28E-02	1.29E-02	1.34E-02	4.44E-06	1.34E-05	7.76E-06	7.79E-06	7.06E-06	3.22E-06	3.35E-06	1.48E-07	3.58E-06	7.91E-07	1.06E-06	1.68E-06	2.96E-07	1.76E-06	9.31E-06
1318	490808.06	3859640.74	1.25E-02	1.26E-02	1.30E-02	4.34E-06	1.31E-05	7.58E-06	7.60E-06	6.89E-06	3.15E-06	3.27E-06	1.45E-07	3.50E-06	7.72E-07	1.03E-06	1.64E-06	2.89E-07	1.72E-06	9.09E-06

1319	490858.06	3859640.74	1.22E-02	1.23E-02	1.27E-02	4.24E-06	1.28E-05	7.40E-06	7.43E-06	6.73E-06	3.07E-06	3.19E-06	1.41E-07	3.42E-06	7.54E-07	1.01E-06	1.60E-06	2.82E-07	1.68E-06	8.88E-06
1320	490608.06	3859690.74	1.39E-02	1.40E-02	1.46E-02	4.83E-06	1.46E-05	8.44E-06	8.47E-06	7.68E-06	3.50E-06	3.65E-06	1.61E-07	3.90E-06	8.60E-07	1.15E-06	1.82E-06	3.21E-07	1.91E-06	1.01E-05
1321	490658.06	3859690.74	1.36E-02	1.36E-02	1.42E-02	4.71E-06	1.42E-05	8.23E-06	8.25E-06	7.48E-06	3.41E-06	3.55E-06	1.57E-07	3.80E-06	8.38E-07	1.12E-06	1.78E-06	3.13E-07	1.86E-06	9.87E-06
1322	490708.06	3859690.74	1.32E-02	1.33E-02	1.38E-02	4.59E-06	1.39E-05	8.02E-06	8.04E-06	7.29E-06	3.33E-06	3.46E-06	1.53E-07	3.70E-06	8.17E-07	1.09E-06	1.73E-06	3.05E-07	1.82E-06	9.62E-06
1323	490758.06	3859690.74	1.29E-02	1.29E-02	1.34E-02	4.46E-06	1.35E-05	7.80E-06	7.83E-06	7.09E-06	3.24E-06	3.37E-06	1.49E-07	3.60E-06	7.94E-07	1.06E-06	1.69E-06	2.97E-07	1.77E-06	9.36E-06
1324	490808.06	3859690.74	1.26E-02	1.26E-02	1.31E-02	4.35E-06	1.31E-05	7.61E-06	7.63E-06	6.92E-06	3.16E-06	3.28E-06	1.45E-07	3.51E-06	7.75E-07	1.04E-06	1.64E-06	2.90E-07	1.72E-06	9.12E-06
1325	490858.06	3859690.74	1.23E-02	1.24E-02	1.29E-02	4.27E-06	1.29E-05	7.47E-06	7.50E-06	6.79E-06	3.10E-06	3.22E-06	1.43E-07	3.45E-06	7.61E-07	1.02E-06	1.61E-06	2.85E-07	1.69E-06	8.96E-06
1326	490708.06	3859740.74	1.33E-02	1.33E-02	1.39E-02	4.61E-06	1.39E-05	8.05E-06	8.08E-06	7.32E-06	3.34E-06	3.48E-06	1.54E-07	3.72E-06	8.20E-07	1.10E-06	1.74E-06	3.07E-07	1.83E-06	9.66E-06
1327	490758.06	3859740.74	1.30E-02	1.31E-02	1.36E-02	4.51E-06	1.36E-05	7.88E-06	7.91E-06	7.17E-06	3.27E-06	3.40E-06	1.51E-07	3.64E-06	8.03E-07	1.07E-06	1.70E-06	3.00E-07	1.79E-06	9.45E-06
1328	490808.06	3859740.74	1.27E-02	1.28E-02	1.33E-02	4.41E-06	1.33E-05	7.70E-06	7.73E-06	7.00E-06	3.20E-06	3.33E-06	1.47E-07	3.55E-06	7.84E-07	1.05E-06	1.66E-06	2.93E-07	1.75E-06	9.24E-06
1329	490858.06	3859740.74	1.24E-02	1.25E-02	1.30E-02	4.31E-06	1.30E-05	7.54E-06	7.56E-06	6.86E-06	3.13E-06	3.25E-06	1.44E-07	3.48E-06	7.68E-07	1.03E-06	1.63E-06	2.87E-07	1.71E-06	9.04E-06
1330	490786.56	3859749.39	1.29E-02	1.29E-02	1.34E-02	4.46E-06	1.35E-05	7.79E-06	7.81E-06	7.08E-06	3.23E-06	3.36E-06	1.49E-07	3.59E-06	7.93E-07	1.06E-06	1.68E-06	2.97E-07	1.77E-06	9.34E-06
1331	490836.56	3859749.39	1.26E-02	1.26E-02	1.31E-02	4.36E-06	1.32E-05	7.62E-06	7.64E-06	6.92E-06	3.16E-06	3.29E-06	1.45E-07	3.51E-06	7.75E-07	1.04E-06	1.65E-06	2.90E-07	1.73E-06	9.13E-06
1332	490786.56	3859799.39	1.29E-02	1.29E-02	1.35E-02	4.47E-06	1.35E-05	7.82E-06	7.84E-06	7.11E-06	3.24E-06	3.38E-06	1.49E-07	3.61E-06	7.96E-07	1.06E-06	1.69E-06	2.98E-07	1.77E-06	9.38E-06
1333	490836.56	3859799.39	1.26E-02	1.27E-02	1.32E-02	4.38E-06	1.32E-05	7.65E-06	7.67E-06	6.95E-06	3.17E-06	3.30E-06	1.46E-07	3.53E-06	7.79E-07	1.04E-06	1.65E-06	2.91E-07	1.73E-06	9.17E-06
1334	492307.84	3854508.36	1.87E-03	1.96E-03	1.65E-03	6.47E-07	1.95E-06	1.13E-06	1.18E-06	1.07E-06	4.90E-07	4.13E-07	2.16E-08	5.22E-07	1.15E-07	1.61E-07	2.55E-07	4.50E-08	2.17E-07	1.34E-06
1335	486445.7	3854753.6	2.15E-03	2.27E-03	1.82E-03	7.45E-07	2.25E-06	1.30E-06	1.38E-06	1.25E-06	5.70E-07	4.55E-07	2.49E-08	6.01E-07	1.33E-07	1.87E-07	2.97E-07	5.23E-08	2.39E-07	1.53E-06
1336	472599.75	3877830.11	1.22E-04	1.24E-04	1.22E-04	4.24E-08	1.28E-07	7.42E-08	7.53E-08	6.82E-08	3.11E-08	3.06E-08	1.42E-09	3.42E-08	7.55E-09	1.02E-08	1.62E-08	2.86E-09	1.61E-08	8.85E-08
1337	493107.48	3866840.19	3.61E-04	3.67E-04	3.59E-04	1.25E-07	3.78E-07	2.19E-07	2.22E-07	2.02E-07	9.20E-08	9.00E-08	4.18E-09	1.01E-07	2.23E-08	3.02E-08	4.79E-08	8.44E-09	4.72E-08	2.61E-07
1338	495815.8	3861662.87	2.34E-03	2.35E-03	2.39E-03	8.09E-07	2.44E-06	1.41E-06	1.43E-06	1.29E-06	5.90E-07	6.00E-07	2.70E-08	6.53E-07	1.44E-07	1.94E-07	3.07E-07	5.41E-08	3.15E-07	1.69E-06
1339	480272.33	3841389.2	4.18E-05	4.24E-05	4.10E-05	1.45E-08	4.37E-08	2.53E-08	2.57E-08	2.33E-08	1.06E-08	1.03E-08	4.83E-10	1.17E-08	2.58E-09	3.49E-09	5.53E-09	9.75E-10	5.39E-09	3.01E-08
1340	497005.18	3862813.64	1.48E-03	1.49E-03	1.51E-03	5.12E-07	1.55E-06	8.95E-07	9.03E-07	8.18E-07	3.73E-07	3.78E-07	1.71E-08	4.13E-07	9.11E-08	1.23E-07	1.94E-07	3.43E-08	1.99E-07	1.07E-06
1341	493677.33	3860302.55	5.09E-03	5.13E-03	5.25E-03	1.76E-06	5.33E-06	3.08E-06	3.10E-06	2.81E-06	1.28E-06	1.31E-06	5.89E-08	1.42E-06	3.14E-07	4.22E-07	6.69E-07	1.18E-07	6.90E-07	3.69E-06
1342	493727.33	3860302.55	5.04E-03	5.07E-03	5.19E-03	1.75E-06	5.28E-06	3.05E-06	3.07E-06	2.79E-06	1.27E-06	1.30E-06	5.83E-08	1.41E-06	3.11E-07	4.17E-07	6.62E-07	1.17E-07	6.83E-07	3.66E-06
1343	493777.33	3860302.55	4.99E-03	5.02E-03	5.14E-03	1.73E-06	5.22E-06	3.02E-06	3.04E-06	2.76E-06	1.26E-06	1.29E-06	5.77E-08	1.39E-06	3.08E-07	4.13E-07	6.55E-07	1.15E-07	6.76E-07	3.62E-06
1344	493827.33	3860302.55	4.94E-03	4.97E-03	5.08E-03	1.71E-06	5.17E-06	2.99E-06	3.01E-06	2.73E-06	1.25E-06	1.27E-06	5.71E-08	1.38E-06	3.05E-07	4.09E-07	6.48E-07	1.14E-07	6.68E-07	3.58E-06
1345	493877.33	3860302.55	4.89E-03	4.92E-03	5.03E-03	1.69E-06	5.12E-06	2.96E-06	2.98E-06	2.70E-06	1.23E-06	1.26E-06	5.66E-08	1.37E-06	3.02E-07	4.05E-07	6.42E-07	1.13E-07	6.62E-07	3.55E-06
1346	493927.33	3860302.55	4.85E-03	4.88E-03	4.99E-03	1.68E-06	5.07E-06	2.94E-06	2.96E-06	2.68E-06	1.22E-06	1.25E-06	5.61E-08	1.36E-06	2.99E-07	4.01E-07	6.37E-07	1.12E-07	6.56E-07	3.52E-06
1347	493977.33	3860302.55	4.78E-03	4.82E-03	4.92E-03	1.66E-06	5.00E-06	2.90E-06	2.92E-06	2.64E-06	1.21E-06	1.23E-06	5.54E-08	1.34E-06	2.95E-07	3.96E-07	6.28E-07	1.11E-07	6.47E-07	3.47E-06
1348	494027.33	3860302.55	4.73E-03	4.76E-03	4.86E-03	1.64E-06	4.95E-06	2.86E-06	2.89E-06	2.62E-06	1.19E-06	1.22E-06	5.47E-08	1.32E-06	2.92E-07	3.92E-07	6.21E-07	1.10E-07	6.40E-07	3.43E-06
1349	493677.33	3860352.55	5.02E-03	5.05E-03	5.18E-03	1.74E-06	5.25E-06	3.04E-06	3.06E-06	2.78E-06	1.27E-06	1.30E-06	5.81E-08	1.40E-06	3.10E-07	4.16E-07	6.59E-07	1.16E-07	6.81E-07	3.64E-06
1350	493727.33	3860352.55	4.98E-03	5.01E-03	5.13E-03	1.72E-06	5.21E-06	3.01E-06	3.03E-06	2.75E-06	1.26E-06	1.28E-06	5.76E-08	1.39E-06	3.07E-07	4.12E-07	6.54E-07	1.15E-07	6.74E-07	3.61E-06
1351	493777.33	3860352.55	4.93E-03	4.96E-03	5.08E-03	1.71E-06	5.16E-06	2.99E-06	3.01E-06	2.73E-06	1.24E-06	1.27E-06	5.71E-08	1.38E-06	3.04E-07	4.08E-07	6.48E-07	1.14E-07	6.68E-07	3.58E-06
1352	493827.33	3860352.55	4.88E-03	4.92E-03	5.03E-03	1.69E-06	5.11E-06	2.96E-06	2.98E-06	2.70E-06	1.23E-06	1.26E-06	5.65E-08	1.37E-06	3.01E-07	4.04E-07	6.41E-07	1.13E-07	6.61E-07	3.54E-06
1353	493877.33	3860352.55	4.83E-03	4.87E-03	4.98E-03	1.68E-06	5.06E-06	2.93E-06	2.95E-06	2.67E-06	1.22E-06	1.25E-06	5.59E-08	1.35E-06	2.98E-07	4.00E-07	6.35E-07	1.12E-07	6.55E-07	3.51E-06
1354	493927.33	3860352.55	4.78E-03	4.81E-03	4.92E-03	1.66E-06	5.00E-06	2.90E-06	2.92E-06	2.64E-06	1.21E-06	1.23E-06	5.53E-08	1.34E-06	2.95E-07	3.96E-07	6.28E-07	1.11E-07	6.47E-07	3.47E-06
1355	493977.33	3860352.55	4.72E-03	4.76E-03	4.86E-03	1.64E-06	4.94E-06	2.86E-06	2.88E-06	2.61E-06	1.19E-06	1.22E-06	5.47E-08	1.32E-06	2.91E-07	3.91E-07	6.21E-07	1.09E-07	6.39E-07	3.43E-06
1356	494027.33	3860352.55	4.68E-03	4.71E-03	4.82E-03	1.62E-06	4.90E-06	2.84E-06	2.85E-06	2.59E-06	1.18E-06	1.21E-06	5.42E-08	1.31E-06	2.89E-07	3.88E-07	6.15E-07	1.08E-07	6.33E-07	3.40E-06
1357	493677.33	3860402.55	4.95E-03	4.98E-03	5.11E-03	1.72E-06	5.18E-06	3.00E-06	3.02E-06	2.74E-06	1.25E-06	1.28E-06	5.73E-08	1.38E-06	3.05E-07	4.10E-07	6.50E-07	1.15E-07	6.71E-07	3.59E-06
1358	493727.33	3860402.55	4.91E-03	4.94E-03	5.06E-03	1.70E-06	5.13E-06	2.97E-06	2.99E-06	2.71E-06	1.24E-06	1.27E-06	5.68E-08	1.37E-06	3.03E-07	4.06E-07	6.44E-07	1.14E-07	6.65E-07	3.56E-06
1359	493777.33	3860402.55	4.85E-03	4.89E-03	5.00E-03	1.68E-06	5.08E-06	2.94E-06	2.96E-06	2.68E-06	1.22E-06	1.25E-06	5.62E-08	1.36E-06	2.99E-07	4.02E-07	6.38E-07	1.12E-07	6.58E-07	3.52E-06
1360	493827.33	3860402.55	4.81E-03	4.85E-03	4.96E-03	1.67E-06	5.04E-06	2.92E-06	2.94E-06	2.66E-06	1.21E-06	1.24E-06	5.57E-08	1.35E-06	2.97E-07	3.99E-07	6.32E-07	1.11E-07	6.52E-07	3.49E-06
1361	493877.33	3860402.55	4.77E-03	4.80E-03	4.91E-03	1.65E-06	4.99E-06	2.89E-06	2.91E-06	2.64E-06	1.20E-06	1.23E-06	5.52E-08	1.33E-06	2.94E-07	3.95E-07	6.27E-07	1.10E-07	6.46E-07	3.46E-06
1362	493927.33	3860402.55	4.72E-03	4.75E-03	4.86E-03	1.64E-06	4.94E-06	2.86E-06	2.88E-06	2.61E-06	1.19E-06	1.22E-06	5.46E-08	1.32E-06	2.91E-07	3.91E-07	6.20E-07	1.09E-07	6.39E-07	3.42E-06
1363	493977.33	3860402.55	4.66E-03	4.70E-03	4.80E-03	1.62E-06	4.88E-06	2.82E-06	2.84E-06	2.58E-06	1.18E-06	1.20E-06	5.40E-08	1.30E-06	2.88E-07	3.86E-07	6.13E-07	1.08E-07	6.31E-07	3.38E-06
1364	494027.33	3860402.55	4.62E-03	4.66E-03	4.76E-03	1.60E-06	4.84E-06	2.80E-06	2.82E-06	2.56E-06	1.17E-06	1.19E-06	5.35E-08	1.29E-06	2.85E-07	3.83E-07	6.08E-07	1.07E-07	6.26E-07	3.35E-06
1365	493677.33	3860452.55	4.87E-03	4.90E-03	5.02E-03	1.69E-06	5.10E-06	2.95E-06	2.97E-06	2.69E-06	1.23E-06	1.26E-06	5.64E-08	1.36E-06	3.00E-07	4.03E-07	6.40E-07	1.13E-07	6.61E-07	3.53E-06
1366	493727.33	3860452.55	4.83E-03	4.86E-03	4.98E-03	1.67E-06	5.06E-06	2.93E-06	2.95E-06	2.67E-06	1.22E-06	1.25E-06	5.59E-08	1.35E-06	2.98E-07	4.00E-07	6.34E-07	1.12E-07	6.55E-07	3.51E-06
1367	493777.33	3860452.55	4.79E-03	4.82E-03	4.93E-03	1.66E-06	5.01E-06	2.90E-06	2.92E-06	2.65E-06	1.21E-06	1.24E-06	5.54E-08	1.34E-06	2.95E-07	3.96E-07	6.29E-07	1.11E-07	6.49E-07	3.47E-06
1368	493827.33	3860452.55	4.74E-03	4.77E-03	4.89E-03	1.64E-06	4.96E-06	2.87E-06	2.89E-06	2.62E-06	1.20E-06	1.22E-06	5.49E-08	1.33E-06	2.92E-07	3.93E-07	6.23E-07	1.10E-07	6.42E-07	3.44E-06
1369	493877.33	3860452.55	4.70E-03	4.73E-03	4.84E-03	1.63E-06	4.91E-06	2.84E-06	2.86E-06	2.60E-06	1.18E-06	1.21E-06	5.43E-08	1.31E-06	2.90E-07	3.89E-07	6.17E-07	1.09E-07	6.36E-07	3.41E-06
1370	493927.33	3860452.55	4.65E-03	4.68E-03	4.78E-03	1.61E-06	4.86E-06	2.81E-06	2.83E-06	2.57E-06	1.17E-06	1.20E-06	5.38E-08	1.30E-06	2.87E-07	3.85E-07	6.10E-07	1.08E-07	6.29E-07	3.37E-06
1371	493977.33	3860452.55	4.60E-03	4.64E-03	4.74E-03	1.60E-06	4.82E-06	2.79E-06	2.81E-06	2.55E-06	1.16E-06	1.19E-06	5.33E-08	1.29E-06	2.84E-07	3.81E-07	6.05E-07	1.07E-07	6.23E-07	3.34E-06

1372	494027.33	3860452.55	4.56E-03	4.60E-03	4.70E-03	1.58E-06	4.78E-06	2.76E-06	2.78E-06	2.52E-06	1.15E-06	1.18E-06	5.28E-08	1.28E-06	2.81E-07	3.78E-07	6.00E-07	1.06E-07	6.18E-07	3.31E-06
1373	493677.33	3860502.55	4.79E-03	4.82E-03	4.94E-03	1.66E-06	5.01E-06	2.90E-06	2.92E-06	2.65E-06	1.21E-06	1.24E-06	5.54E-08	1.34E-06	2.95E-07	3.96E-07	6.29E-07	1.11E-07	6.50E-07	3.48E-06
1374	493727.33	3860502.55	4.75E-03	4.78E-03	4.90E-03	1.65E-06	4.97E-06	2.88E-06	2.90E-06	2.62E-06	1.20E-06	1.23E-06	5.50E-08	1.33E-06	2.93E-07	3.93E-07	6.24E-07	1.10E-07	6.44E-07	3.45E-06
1375	493777.33	3860502.55	4.71E-03	4.74E-03	4.85E-03	1.63E-06	4.93E-06	2.85E-06	2.87E-06	2.60E-06	1.19E-06	1.22E-06	5.45E-08	1.32E-06	2.90E-07	3.90E-07	6.18E-07	1.09E-07	6.38E-07	3.42E-06
1376	493827.33	3860502.55	4.67E-03	4.70E-03	4.81E-03	1.62E-06	4.88E-06	2.83E-06	2.84E-06	2.58E-06	1.18E-06	1.20E-06	5.40E-08	1.30E-06	2.88E-07	3.86E-07	6.13E-07	1.08E-07	6.32E-07	3.39E-06
1377	493877.33	3860502.55	4.62E-03	4.65E-03	4.76E-03	1.60E-06	4.84E-06	2.80E-06	2.82E-06	2.55E-06	1.17E-06	1.19E-06	5.35E-08	1.29E-06	2.85E-07	3.83E-07	6.07E-07	1.07E-07	6.26E-07	3.35E-06
1378	493927.33	3860502.55	4.58E-03	4.61E-03	4.71E-03	1.59E-06	4.79E-06	2.77E-06	2.79E-06	2.53E-06	1.15E-06	1.18E-06	5.30E-08	1.28E-06	2.82E-07	3.79E-07	6.01E-07	1.06E-07	6.20E-07	3.32E-06
1379	493977.33	3860502.55	4.54E-03	4.57E-03	4.67E-03	1.57E-06	4.75E-06	2.75E-06	2.77E-06	2.51E-06	1.14E-06	1.17E-06	5.25E-08	1.27E-06	2.80E-07	3.76E-07	5.96E-07	1.05E-07	6.15E-07	3.29E-06
1380	494027.33	3860502.55	4.50E-03	4.53E-03	4.63E-03	1.56E-06	4.71E-06	2.72E-06	2.74E-06	2.49E-06	1.13E-06	1.16E-06	5.21E-08	1.26E-06	2.77E-07	3.72E-07	5.91E-07	1.04E-07	6.09E-07	3.26E-06
1381	493627.33	3860552.55	4.75E-03	4.78E-03	4.90E-03	1.65E-06	4.97E-06	2.88E-06	2.89E-06	2.62E-06	1.20E-06	1.23E-06	5.50E-08	1.33E-06	2.93E-07	3.93E-07	6.24E-07	1.10E-07	6.44E-07	3.45E-06
1382	493677.33	3860552.55	4.71E-03	4.74E-03	4.86E-03	1.63E-06	4.93E-06	2.85E-06	2.87E-06	2.60E-06	1.19E-06	1.22E-06	5.45E-08	1.32E-06	2.91E-07	3.90E-07	6.19E-07	1.09E-07	6.39E-07	3.42E-06
1383	493727.33	3860552.55	4.67E-03	4.70E-03	4.82E-03	1.62E-06	4.89E-06	2.83E-06	2.85E-06	2.58E-06	1.18E-06	1.21E-06	5.40E-08	1.31E-06	2.88E-07	3.87E-07	6.13E-07	1.08E-07	6.33E-07	3.39E-06
1384	493777.33	3860552.55	4.63E-03	4.66E-03	4.77E-03	1.60E-06	4.84E-06	2.80E-06	2.82E-06	2.56E-06	1.17E-06	1.20E-06	5.36E-08	1.29E-06	2.86E-07	3.83E-07	6.08E-07	1.07E-07	6.28E-07	3.36E-06
1385	493827.33	3860552.55	4.59E-03	4.62E-03	4.73E-03	1.59E-06	4.80E-06	2.78E-06	2.80E-06	2.53E-06	1.16E-06	1.18E-06	5.31E-08	1.28E-06	2.83E-07	3.80E-07	6.02E-07	1.06E-07	6.22E-07	3.33E-06
1386	493877.33	3860552.55	4.55E-03	4.58E-03	4.69E-03	1.58E-06	4.76E-06	2.75E-06	2.77E-06	2.51E-06	1.15E-06	1.17E-06	5.26E-08	1.27E-06	2.80E-07	3.76E-07	5.97E-07	1.05E-07	6.16E-07	3.30E-06
1387	493927.33	3860552.55	4.51E-03	4.54E-03	4.64E-03	1.56E-06	4.71E-06	2.73E-06	2.75E-06	2.49E-06	1.14E-06	1.16E-06	5.21E-08	1.26E-06	2.78E-07	3.73E-07	5.92E-07	1.04E-07	6.10E-07	3.27E-06
1388	493977.33	3860552.55	4.47E-03	4.50E-03	4.60E-03	1.55E-06	4.67E-06	2.70E-06	2.72E-06	2.47E-06	1.13E-06	1.15E-06	5.17E-08	1.25E-06	2.75E-07	3.70E-07	5.86E-07	1.03E-07	6.05E-07	3.24E-06
1389	494027.33	3860552.55	4.43E-03	4.46E-03	4.56E-03	1.53E-06	4.63E-06	2.68E-06	2.70E-06	2.45E-06	1.12E-06	1.14E-06	5.12E-08	1.24E-06	2.73E-07	3.67E-07	5.82E-07	1.03E-07	6.00E-07	3.21E-06
1390	493627.33	3860602.55	4.67E-03	4.69E-03	4.82E-03	1.62E-06	4.88E-06	2.83E-06	2.84E-06	2.58E-06	1.18E-06	1.21E-06	5.40E-08	1.30E-06	2.88E-07	3.86E-07	6.12E-07	1.08E-07	6.33E-07	3.39E-06
1391	493727.33	3860602.55	4.59E-03	4.61E-03	4.73E-03	1.59E-06	4.80E-06	2.78E-06	2.80E-06	2.53E-06	1.16E-06	1.19E-06	5.31E-08	1.28E-06	2.83E-07	3.80E-07	6.02E-07	1.06E-07	6.22E-07	3.33E-06
1392	493777.33	3860602.55	4.55E-03	4.57E-03	4.69E-03	1.58E-06	4.76E-06	2.75E-06	2.77E-06	2.51E-06	1.15E-06	1.17E-06	5.26E-08	1.27E-06	2.80E-07	3.76E-07	5.97E-07	1.05E-07	6.17E-07	3.30E-06
1393	493827.33	3860602.55	4.51E-03	4.54E-03	4.65E-03	1.56E-06	4.72E-06	2.73E-06	2.75E-06	2.49E-06	1.14E-06	1.16E-06	5.22E-08	1.26E-06	2.78E-07	3.73E-07	5.92E-07	1.04E-07	6.11E-07	3.27E-06
1394	493877.33	3860602.55	4.47E-03	4.50E-03	4.61E-03	1.55E-06	4.68E-06	2.71E-06	2.72E-06	2.47E-06	1.13E-06	1.15E-06	5.17E-08	1.25E-06	2.76E-07	3.70E-07	5.87E-07	1.03E-07	6.06E-07	3.24E-06
1395	493927.33	3860602.55	4.43E-03	4.46E-03	4.57E-03	1.54E-06	4.64E-06	2.68E-06	2.70E-06	2.45E-06	1.12E-06	1.14E-06	5.13E-08	1.24E-06	2.73E-07	3.67E-07	5.82E-07	1.03E-07	6.00E-07	3.21E-06
1396	493977.33	3860602.55	4.39E-03	4.42E-03	4.52E-03	1.52E-06	4.59E-06	2.66E-06	2.68E-06	2.43E-06	1.11E-06	1.13E-06	5.08E-08	1.23E-06	2.71E-07	3.64E-07	5.77E-07	1.02E-07	5.95E-07	3.19E-06
1397	494027.33	3860602.55	4.36E-03	4.39E-03	4.49E-03	1.51E-06	4.56E-06	2.64E-06	2.66E-06	2.41E-06	1.10E-06	1.12E-06	5.04E-08	1.22E-06	2.69E-07	3.61E-07	5.72E-07	1.01E-07	5.90E-07	3.16E-06
1398	493627.33	3860652.55	4.58E-03	4.61E-03	4.73E-03	1.59E-06	4.79E-06	2.77E-06	2.79E-06	2.53E-06	1.15E-06	1.18E-06	5.30E-08	1.28E-06	2.82E-07	3.79E-07	6.01E-07	1.06E-07	6.22E-07	3.32E-06
1399	493727.33	3860652.55	4.50E-03	4.53E-03	4.64E-03	1.56E-06	4.71E-06	2.73E-06	2.74E-06	2.49E-06	1.13E-06	1.16E-06	5.21E-08	1.26E-06	2.78E-07	3.72E-07	5.91E-07	1.04E-07	6.11E-07	3.27E-06
1400	493777.33	3860652.55	4.46E-03	4.49E-03	4.60E-03	1.55E-06	4.67E-06	2.70E-06	2.72E-06	2.47E-06	1.13E-06	1.15E-06	5.16E-08	1.25E-06	2.75E-07	3.69E-07	5.86E-07	1.03E-07	6.05E-07	3.24E-06
1401	493827.33	3860652.55	4.42E-03	4.45E-03	4.56E-03	1.53E-06	4.63E-06	2.68E-06	2.70E-06	2.45E-06	1.12E-06	1.14E-06	5.12E-08	1.24E-06	2.73E-07	3.66E-07	5.81E-07	1.02E-07	6.00E-07	3.21E-06
1402	493877.33	3860652.55	4.39E-03	4.42E-03	4.52E-03	1.52E-06	4.59E-06	2.66E-06	2.68E-06	2.43E-06	1.11E-06	1.13E-06	5.08E-08	1.23E-06	2.71E-07	3.63E-07	5.76E-07	1.02E-07	5.95E-07	3.18E-06
1403	493927.33	3860652.55	4.35E-03	4.38E-03	4.49E-03	1.51E-06	4.55E-06	2.64E-06	2.65E-06	2.41E-06	1.10E-06	1.12E-06	5.04E-08	1.22E-06	2.68E-07	3.60E-07	5.72E-07	1.01E-07	5.90E-07	3.16E-06
1404	493977.33	3860652.55	4.32E-03	4.35E-03	4.45E-03	1.50E-06	4.52E-06	2.61E-06	2.63E-06	2.39E-06	1.09E-06	1.11E-06	5.00E-08	1.21E-06	2.66E-07	3.57E-07	5.67E-07	9.99E-08	5.85E-07	3.13E-06
1405	494027.33	3860652.55	4.28E-03	4.31E-03	4.41E-03	1.48E-06	4.48E-06	2.59E-06	2.61E-06	2.37E-06	1.08E-06	1.10E-06	4.95E-08	1.20E-06	2.64E-07	3.54E-07	5.62E-07	9.91E-08	5.80E-07	3.11E-06
1406	494311.06	3858401.99	2.72E-03	2.76E-03	2.71E-03	9.43E-07	2.85E-06	1.65E-06	1.67E-06	1.51E-06	6.91E-07	6.79E-07	3.15E-08	7.60E-07	1.68E-07	2.27E-07	3.60E-07	6.34E-08	3.56E-07	1.97E-06
1407	494361.06	3858401.99	2.68E-03	2.71E-03	2.67E-03	9.27E-07	2.80E-06	1.62E-06	1.64E-06	1.49E-06	6.80E-07	6.68E-07	3.10E-08	7.48E-07	1.65E-07	2.23E-07	3.54E-07	6.24E-08	3.51E-07	1.93E-06
1408	494411.06	3858401.99	2.65E-03	2.68E-03	2.64E-03	9.17E-07	2.77E-06	1.60E-06	1.63E-06	1.47E-06	6.72E-07	6.61E-07	3.06E-08	7.39E-07	1.63E-07	2.21E-07	3.50E-07	6.17E-08	3.47E-07	1.91E-06
1409	494461.06	3858401.99	2.63E-03	2.67E-03	2.62E-03	9.11E-07	2.75E-06	1.59E-06	1.61E-06	1.46E-06	6.68E-07	6.56E-07	3.04E-08	7.35E-07	1.62E-07	2.19E-07	3.48E-07	6.13E-08	3.44E-07	1.90E-06
1410	494511.06	3858401.99	2.60E-03	2.63E-03	2.59E-03	8.99E-07	2.72E-06	1.57E-06	1.59E-06	1.45E-06	6.60E-07	6.48E-07	3.00E-08	7.26E-07	1.60E-07	2.17E-07	3.43E-07	6.05E-08	3.40E-07	1.88E-06
1411	494561.06	3858401.99	2.58E-03	2.61E-03	2.57E-03	8.93E-07	2.70E-06	1.56E-06	1.58E-06	1.44E-06	6.55E-07	6.43E-07	2.98E-08	7.20E-07	1.59E-07	2.15E-07	3.41E-07	6.01E-08	3.38E-07	1.86E-06
1412	494611.06	3858401.99	2.54E-03	2.58E-03	2.54E-03	8.82E-07	2.66E-06	1.54E-06	1.56E-06	1.42E-06	6.47E-07	6.35E-07	2.94E-08	7.11E-07	1.57E-07	2.12E-07	3.37E-07	5.93E-08	3.33E-07	1.84E-06
1413	494661.06	3858401.99	2.52E-03	2.55E-03	2.51E-03	8.72E-07	2.63E-06	1.52E-06	1.55E-06	1.40E-06	6.39E-07	6.28E-07	2.91E-08	7.03E-07	1.55E-07	2.10E-07	3.33E-07	5.87E-08	3.30E-07	1.82E-06
1414	494711.06	3858401.99	2.48E-03	2.51E-03	2.47E-03	8.58E-07	2.59E-06	1.50E-06	1.52E-06	1.38E-06	6.29E-07	6.18E-07	2.86E-08	6.92E-07	1.53E-07	2.07E-07	3.28E-07	5.77E-08	3.24E-07	1.79E-06
1415	494761.06	3858401.99	2.45E-03	2.49E-03	2.44E-03	8.50E-07	2.57E-06	1.49E-06	1.51E-06	1.37E-06	6.23E-07	6.12E-07	2.84E-08	6.85E-07	1.51E-07	2.05E-07	3.25E-07	5.72E-08	3.21E-07	1.77E-06
1416	494811.06	3858401.99	2.42E-03	2.46E-03	2.41E-03	8.39E-07	2.53E-06	1.47E-06	1.49E-06	1.35E-06	6.15E-07	6.04E-07	2.80E-08	6.77E-07	1.49E-07	2.02E-07	3.20E-07	5.65E-08	3.17E-07	1.75E-06
1417	494861.06	3858401.99	2.39E-03	2.43E-03	2.38E-03	8.29E-07	2.50E-06	1.45E-06	1.47E-06	1.33E-06	6.08E-07	5.97E-07	2.77E-08	6.69E-07	1.48E-07	2.00E-07	3.17E-07	5.58E-08	3.14E-07	1.73E-06
1418	494911.06	3858401.99	2.37E-03	2.40E-03	2.36E-03	8.20E-07	2.48E-06	1.43E-06	1.45E-06	1.32E-06	6.01E-07	5.91E-07	2.74E-08	6.62E-07	1.46E-07	1.97E-07	3.13E-07	5.52E-08	3.10E-07	1.71E-06
1419	494961.06	3858401.99	2.34E-03	2.37E-03	2.33E-03	8.10E-07	2.45E-06	1.42E-06	1.44E-06	1.30E-06	5.94E-07	5.84E-07	2.70E-08	6.53E-07	1.44E-07	1.95E-07	3.09E-07	5.45E-08	3.06E-07	1.69E-06
1420	495011.06	3858401.99	2.30E-03	2.33E-03	2.29E-03	7.98E-07	2.41E-06	1.39E-06	1.41E-06	1.28E-06	5.85E-07	5.75E-07	2.66E-08	6.43E-07	1.42E-07	1.92E-07	3.05E-07	5.37E-08	3.02E-07	1.66E-06
1421	495061.06	3858401.99	2.27E-03	2.31E-03	2.26E-03	7.88E-07	2.38E-06	1.38E-06	1.40E-06	1.27E-06	5.78E-07	5.67E-07	2.63E-08	6.35E-07	1.40E-07	1.90E-07	3.01E-07	5.30E-08	2.98E-07	1.64E-06
1422	495111.06	3858401.99	2.22E-03	2.26E-03	2.22E-03	7.71E-07	2.33E-06	1.35E-06	1.37E-06	1.24E-06	5.65E-07	5.55E-07	2.57E-08	6.22E-07	1.37E-07	1.86E-07	2.94E-07	5.19E-08	2.91E-07	1.61E-06
1423	495161.06	3858401.99	2.21E-03	2.24E-03	2.20E-03	7.66E-07	2.31E-06	1.34E-06	1.36E-06	1.23E-06	5.62E-07	5.52E-07	2.56E-08	6.18E-07	1.36E-07	1.84E-07	2.93E-07	5.16E-08	2.90E-07	1.60E-06
1424	495211.06	3858401.99	2.17E-03	2.20E-03	2.16E-03	7.52E-07	2.27E-06	1.31E-06	1.33E-06	1.21E-06	5.51E-07	5.42E-07	2.51E-08	6.06E-07	1.34E-07	1.81E-07	2.87E-07	5.06E-08	2.84E-07	1.57E-06

1425	495261.06	3858401.99	2.14E-03	2.17E-03	2.14E-03	7.43E-07	2.24E-06	1.30E-06	1.32E-06	1.19E-06	5.45E-07	5.35E-07	2.48E-08	5.99E-07	1.32E-07	1.79E-07	2.84E-07	5.00E-08	2.81E-07	1.55E-06
1426	495311.06	3858401.99	2.12E-03	2.15E-03	2.11E-03	7.34E-07	2.22E-06	1.28E-06	1.30E-06	1.18E-06	5.38E-07	5.29E-07	2.45E-08	5.92E-07	1.31E-07	1.77E-07	2.80E-07	4.94E-08	2.78E-07	1.53E-06
1427	495361.06	3858401.99	2.10E-03	2.13E-03	2.09E-03	7.27E-07	2.20E-06	1.27E-06	1.29E-06	1.17E-06	5.33E-07	5.24E-07	2.43E-08	5.87E-07	1.29E-07	1.75E-07	2.78E-07	4.89E-08	2.75E-07	1.52E-06
1428	495411.06	3858401.99	2.09E-03	2.12E-03	2.08E-03	7.23E-07	2.18E-06	1.26E-06	1.28E-06	1.16E-06	5.30E-07	5.21E-07	2.41E-08	5.83E-07	1.29E-07	1.74E-07	2.76E-07	4.87E-08	2.73E-07	1.51E-06
1429	495461.06	3858401.99	2.08E-03	2.11E-03	2.07E-03	7.20E-07	2.17E-06	1.26E-06	1.28E-06	1.16E-06	5.28E-07	5.18E-07	2.40E-08	5.80E-07	1.28E-07	1.73E-07	2.75E-07	4.84E-08	2.72E-07	1.50E-06
1430	495511.06	3858401.99	2.06E-03	2.09E-03	2.06E-03	7.15E-07	2.16E-06	1.25E-06	1.27E-06	1.15E-06	5.25E-07	5.15E-07	2.39E-08	5.77E-07	1.27E-07	1.72E-07	2.73E-07	4.81E-08	2.70E-07	1.49E-06
1431	495561.06	3858401.99	2.04E-03	2.07E-03	2.04E-03	7.08E-07	2.14E-06	1.24E-06	1.26E-06	1.14E-06	5.19E-07	5.10E-07	2.37E-08	5.71E-07	1.26E-07	1.71E-07	2.70E-07	4.77E-08	2.68E-07	1.48E-06
1432	495611.06	3858401.99	2.03E-03	2.06E-03	2.03E-03	7.05E-07	2.13E-06	1.23E-06	1.25E-06	1.13E-06	5.17E-07	5.08E-07	2.35E-08	5.68E-07	1.25E-07	1.70E-07	2.69E-07	4.74E-08	2.66E-07	1.47E-06
1433	495661.06	3858401.99	2.03E-03	2.06E-03	2.03E-03	7.05E-07	2.13E-06	1.23E-06	1.25E-06	1.13E-06	5.17E-07	5.08E-07	2.35E-08	5.69E-07	1.25E-07	1.70E-07	2.69E-07	4.74E-08	2.66E-07	1.47E-06
1434	494311.06	3858451.99	2.80E-03	2.84E-03	2.79E-03	9.70E-07	2.93E-06	1.69E-06	1.72E-06	1.56E-06	7.11E-07	6.99E-07	3.24E-08	7.82E-07	1.73E-07	2.33E-07	3.70E-07	6.52E-08	3.67E-07	2.02E-06
1435	494361.06	3858451.99	2.76E-03	2.80E-03	2.75E-03	9.56E-07	2.89E-06	1.67E-06	1.70E-06	1.54E-06	7.01E-07	6.90E-07	3.19E-08	7.71E-07	1.70E-07	2.30E-07	3.65E-07	6.44E-08	3.62E-07	2.00E-06
1436	494411.06	3858451.99	2.73E-03	2.77E-03	2.72E-03	9.45E-07	2.85E-06	1.65E-06	1.68E-06	1.52E-06	6.93E-07	6.81E-07	3.16E-08	7.62E-07	1.68E-07	2.27E-07	3.61E-07	6.36E-08	3.58E-07	1.97E-06
1437	494461.06	3858451.99	2.70E-03	2.74E-03	2.69E-03	9.35E-07	2.82E-06	1.63E-06	1.66E-06	1.50E-06	6.86E-07	6.74E-07	3.12E-08	7.54E-07	1.66E-07	2.25E-07	3.57E-07	6.29E-08	3.54E-07	1.95E-06
1438	494511.06	3858451.99	2.68E-03	2.72E-03	2.67E-03	9.28E-07	2.80E-06	1.62E-06	1.65E-06	1.49E-06	6.81E-07	6.69E-07	3.10E-08	7.49E-07	1.65E-07	2.23E-07	3.54E-07	6.25E-08	3.51E-07	1.94E-06
1439	494561.06	3858451.99	2.64E-03	2.68E-03	2.64E-03	9.16E-07	2.77E-06	1.60E-06	1.62E-06	1.47E-06	6.72E-07	6.60E-07	3.06E-08	7.39E-07	1.63E-07	2.20E-07	3.50E-07	6.16E-08	3.47E-07	1.91E-06
1440	494611.06	3858451.99	2.61E-03	2.65E-03	2.61E-03	9.06E-07	2.74E-06	1.58E-06	1.61E-06	1.46E-06	6.64E-07	6.53E-07	3.03E-08	7.31E-07	1.61E-07	2.18E-07	3.46E-07	6.10E-08	3.43E-07	1.89E-06
1441	494661.06	3858451.99	2.59E-03	2.62E-03	2.58E-03	8.96E-07	2.71E-06	1.57E-06	1.59E-06	1.44E-06	6.57E-07	6.46E-07	2.99E-08	7.23E-07	1.60E-07	2.16E-07	3.42E-07	6.03E-08	3.39E-07	1.87E-06
1442	494711.06	3858451.99	2.55E-03	2.59E-03	2.54E-03	8.84E-07	2.67E-06	1.54E-06	1.57E-06	1.42E-06	6.48E-07	6.37E-07	2.95E-08	7.13E-07	1.57E-07	2.13E-07	3.37E-07	5.95E-08	3.34E-07	1.84E-06
1443	494761.06	3858451.99	2.51E-03	2.55E-03	2.51E-03	8.71E-07	2.63E-06	1.52E-06	1.54E-06	1.40E-06	6.39E-07	6.28E-07	2.91E-08	7.03E-07	1.55E-07	2.10E-07	3.33E-07	5.86E-08	3.30E-07	1.82E-06
1444	494811.06	3858451.99	2.48E-03	2.52E-03	2.48E-03	8.61E-07	2.60E-06	1.50E-06	1.53E-06	1.38E-06	6.31E-07	6.20E-07	2.87E-08	6.94E-07	1.53E-07	2.07E-07	3.29E-07	5.79E-08	3.26E-07	1.80E-06
1445	494861.06	3858451.99	2.45E-03	2.49E-03	2.44E-03	8.49E-07	2.56E-06	1.48E-06	1.51E-06	1.36E-06	6.23E-07	6.12E-07	2.84E-08	6.85E-07	1.51E-07	2.04E-07	3.24E-07	5.72E-08	3.21E-07	1.77E-06
1446	494911.06	3858451.99	2.41E-03	2.44E-03	2.40E-03	8.35E-07	2.52E-06	1.46E-06	1.48E-06	1.34E-06	6.13E-07	6.02E-07	2.79E-08	6.74E-07	1.49E-07	2.01E-07	3.19E-07	5.62E-08	3.16E-07	1.74E-06
1447	494961.06	3858451.99	2.38E-03	2.41E-03	2.37E-03	8.24E-07	2.49E-06	1.44E-06	1.46E-06	1.32E-06	6.04E-07	5.94E-07	2.75E-08	6.65E-07	1.47E-07	1.98E-07	3.15E-07	5.54E-08	3.12E-07	1.72E-06
1448	495011.06	3858451.99	2.34E-03	2.37E-03	2.33E-03	8.11E-07	2.45E-06	1.42E-06	1.44E-06	1.30E-06	5.95E-07	5.85E-07	2.71E-08	6.54E-07	1.44E-07	1.95E-07	3.10E-07	5.46E-08	3.07E-07	1.69E-06
1449	495061.06	3858451.99	2.32E-03	2.35E-03	2.31E-03	8.04E-07	2.43E-06	1.41E-06	1.43E-06	1.29E-06	5.89E-07	5.80E-07	2.68E-08	6.48E-07	1.43E-07	1.93E-07	3.07E-07	5.41E-08	3.04E-07	1.68E-06
1450	495111.06	3858451.99	2.28E-03	2.32E-03	2.28E-03	7.91E-07	2.39E-06	1.38E-06	1.40E-06	1.27E-06	5.80E-07	5.70E-07	2.64E-08	6.38E-07	1.41E-07	1.90E-07	3.02E-07	5.32E-08	2.99E-07	1.65E-06
1451	495161.06	3858451.99	2.24E-03	2.27E-03	2.24E-03	7.77E-07	2.35E-06	1.36E-06	1.38E-06	1.25E-06	5.70E-07	5.60E-07	2.60E-08	6.27E-07	1.38E-07	1.87E-07	2.97E-07	5.23E-08	2.94E-07	1.62E-06
1452	495211.06	3858451.99	2.21E-03	2.24E-03	2.20E-03	7.64E-07	2.31E-06	1.34E-06	1.35E-06	1.23E-06	5.60E-07	5.51E-07	2.55E-08	6.17E-07	1.36E-07	1.84E-07	2.92E-07	5.14E-08	2.89E-07	1.59E-06
1453	495261.06	3858451.99	2.18E-03	2.21E-03	2.17E-03	7.56E-07	2.28E-06	1.32E-06	1.34E-06	1.21E-06	5.54E-07	5.45E-07	2.52E-08	6.10E-07	1.34E-07	1.82E-07	2.88E-07	5.08E-08	2.86E-07	1.58E-06
1454	495311.06	3858451.99	2.16E-03	2.19E-03	2.15E-03	7.48E-07	2.26E-06	1.31E-06	1.33E-06	1.20E-06	5.49E-07	5.39E-07	2.50E-08	6.04E-07	1.33E-07	1.80E-07	2.86E-07	5.03E-08	2.83E-07	1.56E-06
1455	495361.06	3858451.99	2.14E-03	2.17E-03	2.13E-03	7.42E-07	2.24E-06	1.30E-06	1.31E-06	1.19E-06	5.44E-07	5.35E-07	2.48E-08	5.98E-07	1.32E-07	1.79E-07	2.83E-07	4.99E-08	2.81E-07	1.55E-06
1456	495411.06	3858451.99	2.13E-03	2.16E-03	2.12E-03	7.38E-07	2.23E-06	1.29E-06	1.31E-06	1.19E-06	5.41E-07	5.32E-07	2.46E-08	5.95E-07	1.31E-07	1.78E-07	2.82E-07	4.97E-08	2.79E-07	1.54E-06
1457	495461.06	3858451.99	2.12E-03	2.15E-03	2.11E-03	7.35E-07	2.22E-06	1.28E-06	1.30E-06	1.18E-06	5.39E-07	5.30E-07	2.45E-08	5.93E-07	1.31E-07	1.77E-07	2.81E-07	4.95E-08	2.78E-07	1.53E-06
1458	495511.06	3858451.99	2.10E-03	2.13E-03	2.09E-03	7.28E-07	2.20E-06	1.27E-06	1.29E-06	1.17E-06	5.34E-07	5.24E-07	2.43E-08	5.87E-07	1.30E-07	1.75E-07	2.78E-07	4.90E-08	2.75E-07	1.52E-06
1459	495561.06	3858451.99	2.10E-03	2.13E-03	2.09E-03	7.27E-07	2.19E-06	1.27E-06	1.29E-06	1.17E-06	5.33E-07	5.24E-07	2.43E-08	5.86E-07	1.29E-07	1.75E-07	2.78E-07	4.89E-08	2.75E-07	1.52E-06
1460	495611.06	3858451.99	2.07E-03	2.10E-03	2.07E-03	7.18E-07	2.17E-06	1.26E-06	1.27E-06	1.15E-06	5.27E-07	5.18E-07	2.40E-08	5.79E-07	1.28E-07	1.73E-07	2.74E-07	4.83E-08	2.72E-07	1.50E-06
1461	495661.06	3858451.99	2.07E-03	2.10E-03	2.06E-03	7.16E-07	2.16E-06	1.25E-06	1.27E-06	1.15E-06	5.25E-07	5.16E-07	2.39E-08	5.78E-07	1.27E-07	1.72E-07	2.73E-07	4.82E-08	2.71E-07	1.49E-06
1462	494311.06	3858501.99	2.84E-03	2.88E-03	2.83E-03	9.84E-07	2.97E-06	1.72E-06	1.74E-06	1.58E-06	7.21E-07	7.10E-07	3.29E-08	7.94E-07	1.75E-07	2.37E-07	3.76E-07	6.62E-08	3.73E-07	2.05E-06
1463	494361.06	3858501.99	2.81E-03	2.85E-03	2.81E-03	9.74E-07	2.94E-06	1.70E-06	1.73E-06	1.57E-06	7.14E-07	7.03E-07	3.25E-08	7.86E-07	1.73E-07	2.34E-07	3.72E-07	6.55E-08	3.69E-07	2.03E-06
1464	494411.06	3858501.99	2.78E-03	2.82E-03	2.78E-03	9.63E-07	2.91E-06	1.68E-06	1.71E-06	1.55E-06	7.06E-07	6.95E-07	3.22E-08	7.77E-07	1.71E-07	2.32E-07	3.68E-07	6.48E-08	3.65E-07	2.01E-06
1465	494461.06	3858501.99	2.76E-03	2.80E-03	2.75E-03	9.56E-07	2.89E-06	1.67E-06	1.69E-06	1.54E-06	7.01E-07	6.90E-07	3.19E-08	7.71E-07	1.70E-07	2.30E-07	3.65E-07	6.43E-08	3.62E-07	1.99E-06
1466	494511.06	3858501.99	2.72E-03	2.76E-03	2.71E-03	9.42E-07	2.84E-06	1.65E-06	1.67E-06	1.51E-06	6.91E-07	6.80E-07	3.15E-08	7.60E-07	1.68E-07	2.27E-07	3.60E-07	6.34E-08	3.57E-07	1.97E-06
1467	494561.06	3858501.99	2.72E-03	2.75E-03	2.71E-03	9.41E-07	2.84E-06	1.64E-06	1.67E-06	1.51E-06	6.90E-07	6.79E-07	3.14E-08	7.59E-07	1.67E-07	2.26E-07	3.59E-07	6.33E-08	3.56E-07	1.96E-06
1468	494611.06	3858501.99	2.68E-03	2.72E-03	2.67E-03	9.29E-07	2.81E-06	1.62E-06	1.65E-06	1.49E-06	6.81E-07	6.70E-07	3.10E-08	7.49E-07	1.65E-07	2.24E-07	3.55E-07	6.25E-08	3.52E-07	1.94E-06
1469	494661.06	3858501.99	2.66E-03	2.69E-03	2.65E-03	9.21E-07	2.78E-06	1.61E-06	1.63E-06	1.48E-06	6.75E-07	6.64E-07	3.07E-08	7.43E-07	1.64E-07	2.22E-07	3.51E-07	6.19E-08	3.49E-07	1.92E-06
1470	494711.06	3858501.99	2.62E-03	2.66E-03	2.61E-03	9.08E-07	2.74E-06	1.59E-06	1.61E-06	1.46E-06	6.65E-07	6.55E-07	3.03E-08	7.32E-07	1.62E-07	2.18E-07	3.46E-07	6.11E-08	3.44E-07	1.89E-06
1471	494761.06	3858501.99	2.58E-03	2.61E-03	2.57E-03	8.93E-07	2.70E-06	1.56E-06	1.58E-06	1.43E-06	6.55E-07	6.44E-07	2.98E-08	7.20E-07	1.59E-07	2.15E-07	3.41E-07	6.01E-08	3.38E-07	1.86E-06
1472	494811.06	3858501.99	2.54E-03	2.57E-03	2.53E-03	8.79E-07	2.65E-06	1.54E-06	1.56E-06	1.41E-06	6.45E-07	6.34E-07	2.94E-08	7.09E-07	1.56E-07	2.12E-07	3.36E-07	5.91E-08	3.33E-07	1.83E-06
1473	494861.06	3858501.99	2.51E-03	2.54E-03	2.50E-03	8.69E-07	2.62E-06	1.52E-06	1.54E-06	1.40E-06	6.37E-07	6.27E-07	2.90E-08	7.01E-07	1.55E-07	2.09E-07	3.32E-07	5.85E-08	3.29E-07	1.81E-06
1474	494911.06	3858501.99	2.46E-03	2.49E-03	2.45E-03	8.52E-07	2.57E-06	1.49E-06	1.51E-06	1.37E-06	6.25E-07	6.15E-07	2.84E-08	6.87E-07	1.52E-07	2.05E-07	3.25E-07	5.73E-08	3.23E-07	1.78E-06
1475	494961.06	3858501.99	2.43E-03	2.46E-03	2.42E-03	8.42E-07	2.54E-06	1.47E-06	1.49E-06	1.35E-06	6.17E-07	6.07E-07	2.81E-08	6.79E-07	1.50E-07	2.03E-07	3.21E-07	5.67E-08	3.19E-07	1.76E-06
1476	495011.06	3858501.99	2.39E-03	2.42E-03	2.38E-03	8.27E-07	2.50E-06	1.45E-06	1.47E-06	1.33E-06	6.06E-07	5.96E-07	2.76E-08	6.67E-07	1.47E-07	1.99E-07	3.16E-07	5.56E-08	3.13E-07	1.72E-06
1477	495061.06	3858501.99	2.36E-03	2.40E-03	2.36E-03	8.20E-07	2.47E-06	1.43E-06	1.45E-06	1.32E-06	6.01E-07	5.91E-07	2.74E-08	6.61E-07	1.46E-07	1.97E-07	3.13E-07	5.51E-08	3.10E-07	1.71E-06

1478	495111.06	3858501.99	2.31E-03	2.35E-03	2.31E-03	8.02E-07	2.42E-06	1.40E-06	1.42E-06	1.29E-06	5.88E-07	5.78E-07	2.68E-08	6.47E-07	1.43E-07	1.93E-07	3.06E-07	5.39E-08	3.03E-07	1.67E-06
1479	495161.06	3858501.99	2.28E-03	2.31E-03	2.27E-03	7.90E-07	2.38E-06	1.38E-06	1.40E-06	1.27E-06	5.79E-07	5.70E-07	2.64E-08	6.37E-07	1.41E-07	1.90E-07	3.01E-07	5.31E-08	2.99E-07	1.65E-06
1480	495211.06	3858501.99	2.24E-03	2.28E-03	2.24E-03	7.78E-07	2.35E-06	1.36E-06	1.38E-06	1.25E-06	5.70E-07	5.61E-07	2.60E-08	6.27E-07	1.38E-07	1.87E-07	2.97E-07	5.23E-08	2.95E-07	1.62E-06
1481	495261.06	3858501.99	2.22E-03	2.25E-03	2.21E-03	7.69E-07	2.32E-06	1.34E-06	1.36E-06	1.24E-06	5.64E-07	5.55E-07	2.57E-08	6.20E-07	1.37E-07	1.85E-07	2.94E-07	5.18E-08	2.91E-07	1.60E-06
1482	495311.06	3858501.99	2.20E-03	2.23E-03	2.20E-03	7.63E-07	2.31E-06	1.33E-06	1.35E-06	1.23E-06	5.60E-07	5.51E-07	2.55E-08	6.16E-07	1.36E-07	1.84E-07	2.91E-07	5.14E-08	2.89E-07	1.59E-06
1483	495361.06	3858501.99	2.19E-03	2.22E-03	2.18E-03	7.58E-07	2.29E-06	1.33E-06	1.34E-06	1.22E-06	5.56E-07	5.47E-07	2.53E-08	6.11E-07	1.35E-07	1.82E-07	2.89E-07	5.10E-08	2.87E-07	1.58E-06
1484	495411.06	3858501.99	2.17E-03	2.20E-03	2.17E-03	7.54E-07	2.28E-06	1.32E-06	1.34E-06	1.21E-06	5.52E-07	5.43E-07	2.52E-08	6.08E-07	1.34E-07	1.81E-07	2.88E-07	5.07E-08	2.85E-07	1.57E-06
1485	495461.06	3858501.99	2.16E-03	2.19E-03	2.16E-03	7.49E-07	2.26E-06	1.31E-06	1.33E-06	1.20E-06	5.50E-07	5.40E-07	2.50E-08	6.05E-07	1.33E-07	1.80E-07	2.86E-07	5.04E-08	2.84E-07	1.56E-06
1486	495511.06	3858501.99	2.15E-03	2.18E-03	2.14E-03	7.44E-07	2.25E-06	1.30E-06	1.32E-06	1.20E-06	5.46E-07	5.37E-07	2.49E-08	6.00E-07	1.32E-07	1.79E-07	2.84E-07	5.01E-08	2.82E-07	1.55E-06
1487	495561.06	3858501.99	2.14E-03	2.17E-03	2.14E-03	7.43E-07	2.24E-06	1.30E-06	1.32E-06	1.19E-06	5.45E-07	5.36E-07	2.48E-08	5.99E-07	1.32E-07	1.79E-07	2.84E-07	5.00E-08	2.81E-07	1.55E-06
1488	495611.06	3858501.99	2.13E-03	2.16E-03	2.12E-03	7.37E-07	2.22E-06	1.29E-06	1.31E-06	1.18E-06	5.40E-07	5.31E-07	2.46E-08	5.94E-07	1.31E-07	1.77E-07	2.81E-07	4.96E-08	2.79E-07	1.54E-06
1489	495661.06	3858501.99	2.11E-03	2.14E-03	2.11E-03	7.33E-07	2.21E-06	1.28E-06	1.30E-06	1.18E-06	5.37E-07	5.28E-07	2.45E-08	5.91E-07	1.30E-07	1.76E-07	2.80E-07	4.93E-08	2.77E-07	1.53E-06
1490	494311.06	3858551.99	2.84E-03	2.88E-03	2.84E-03	9.84E-07	2.97E-06	1.72E-06	1.74E-06	1.58E-06	7.21E-07	7.11E-07	3.29E-08	7.94E-07	1.75E-07	2.37E-07	3.76E-07	6.62E-08	3.73E-07	2.05E-06
1491	494361.06	3858551.99	2.85E-03	2.89E-03	2.85E-03	9.87E-07	2.98E-06	1.73E-06	1.75E-06	1.59E-06	7.24E-07	7.13E-07	3.30E-08	7.96E-07	1.76E-07	2.37E-07	3.77E-07	6.64E-08	3.74E-07	2.06E-06
1492	494411.06	3858551.99	2.85E-03	2.89E-03	2.85E-03	9.88E-07	2.98E-06	1.73E-06	1.75E-06	1.59E-06	7.24E-07	7.13E-07	3.30E-08	7.97E-07	1.76E-07	2.38E-07	3.77E-07	6.64E-08	3.74E-07	2.06E-06
1493	494461.06	3858551.99	2.84E-03	2.88E-03	2.83E-03	9.83E-07	2.97E-06	1.72E-06	1.74E-06	1.58E-06	7.21E-07	7.10E-07	3.28E-08	7.93E-07	1.75E-07	2.37E-07	3.75E-07	6.61E-08	3.73E-07	2.05E-06
1494	494511.06	3858551.99	2.81E-03	2.85E-03	2.81E-03	9.74E-07	2.94E-06	1.70E-06	1.73E-06	1.57E-06	7.14E-07	7.03E-07	3.25E-08	7.86E-07	1.73E-07	2.34E-07	3.72E-07	6.55E-08	3.69E-07	2.03E-06
1495	494561.06	3858551.99	2.79E-03	2.83E-03	2.79E-03	9.67E-07	2.92E-06	1.69E-06	1.71E-06	1.55E-06	7.09E-07	6.98E-07	3.23E-08	7.80E-07	1.72E-07	2.33E-07	3.69E-07	6.50E-08	3.66E-07	2.02E-06
1496	494611.06	3858551.99	2.76E-03	2.80E-03	2.76E-03	9.56E-07	2.89E-06	1.67E-06	1.69E-06	1.54E-06	7.01E-07	6.90E-07	3.19E-08	7.71E-07	1.70E-07	2.30E-07	3.65E-07	6.43E-08	3.62E-07	2.00E-06
1497	494661.06	3858551.99	2.73E-03	2.77E-03	2.73E-03	9.47E-07	2.86E-06	1.66E-06	1.68E-06	1.52E-06	6.94E-07	6.84E-07	3.16E-08	7.64E-07	1.69E-07	2.28E-07	3.61E-07	6.37E-08	3.59E-07	1.98E-06
1498	494711.06	3858551.99	2.69E-03	2.73E-03	2.68E-03	9.32E-07	2.81E-06	1.63E-06	1.65E-06	1.50E-06	6.83E-07	6.73E-07	3.11E-08	7.52E-07	1.66E-07	2.24E-07	3.56E-07	6.27E-08	3.53E-07	1.94E-06
1499	494761.06	3858551.99	2.65E-03	2.68E-03	2.64E-03	9.17E-07	2.77E-06	1.60E-06	1.63E-06	1.47E-06	6.72E-07	6.62E-07	3.06E-08	7.40E-07	1.63E-07	2.21E-07	3.50E-07	6.17E-08	3.47E-07	1.91E-06
1500	494811.06	3858551.99	2.61E-03	2.65E-03	2.61E-03	9.05E-07	2.73E-06	1.58E-06	1.60E-06	1.45E-06	6.63E-07	6.53E-07	3.02E-08	7.30E-07	1.61E-07	2.18E-07	3.45E-07	6.09E-08	3.43E-07	1.89E-06
1501	494861.06	3858551.99	2.57E-03	2.60E-03	2.56E-03	8.90E-07	2.69E-06	1.56E-06	1.58E-06	1.43E-06	6.53E-07	6.43E-07	2.97E-08	7.18E-07	1.58E-07	2.14E-07	3.40E-07	5.99E-08	3.37E-07	1.86E-06
1502	494911.06	3858551.99	2.52E-03	2.56E-03	2.52E-03	8.74E-07	2.64E-06	1.53E-06	1.55E-06	1.40E-06	6.41E-07	6.31E-07	2.92E-08	7.05E-07	1.56E-07	2.10E-07	3.34E-07	5.88E-08	3.31E-07	1.82E-06
1503	494961.06	3858551.99	2.48E-03	2.52E-03	2.48E-03	8.61E-07	2.60E-06	1.50E-06	1.53E-06	1.38E-06	6.31E-07	6.21E-07	2.87E-08	6.94E-07	1.53E-07	2.07E-07	3.29E-07	5.79E-08	3.26E-07	1.80E-06
1504	495011.06	3858551.99	2.44E-03	2.47E-03	2.43E-03	8.45E-07	2.55E-06	1.48E-06	1.50E-06	1.36E-06	6.19E-07	6.10E-07	2.82E-08	6.81E-07	1.50E-07	2.03E-07	3.22E-07	5.68E-08	3.20E-07	1.76E-06
1505	495061.06	3858551.99	2.41E-03	2.44E-03	2.40E-03	8.34E-07	2.52E-06	1.46E-06	1.48E-06	1.34E-06	6.12E-07	6.02E-07	2.79E-08	6.73E-07	1.48E-07	2.01E-07	3.18E-07	5.61E-08	3.16E-07	1.74E-06
1506	495111.06	3858551.99	2.35E-03	2.39E-03	2.35E-03	8.16E-07	2.46E-06	1.43E-06	1.45E-06	1.31E-06	5.98E-07	5.89E-07	2.72E-08	6.58E-07	1.45E-07	1.96E-07	3.11E-07	5.49E-08	3.09E-07	1.70E-06
1507	495161.06	3858551.99	2.32E-03	2.35E-03	2.31E-03	8.03E-07	2.43E-06	1.40E-06	1.42E-06	1.29E-06	5.89E-07	5.80E-07	2.68E-08	6.48E-07	1.43E-07	1.93E-07	3.07E-07	5.40E-08	3.04E-07	1.68E-06
1508	495211.06	3858551.99	2.29E-03	2.32E-03	2.28E-03	7.92E-07	2.39E-06	1.39E-06	1.40E-06	1.27E-06	5.81E-07	5.72E-07	2.65E-08	6.39E-07	1.41E-07	1.91E-07	3.02E-07	5.33E-08	3.00E-07	1.65E-06
1509	495261.06	3858551.99	2.26E-03	2.29E-03	2.26E-03	7.84E-07	2.37E-06	1.37E-06	1.39E-06	1.26E-06	5.75E-07	5.66E-07	2.62E-08	6.33E-07	1.40E-07	1.89E-07	2.99E-07	5.28E-08	2.97E-07	1.64E-06
1510	495311.06	3858551.99	2.25E-03	2.28E-03	2.25E-03	7.79E-07	2.35E-06	1.36E-06	1.38E-06	1.25E-06	5.71E-07	5.63E-07	2.60E-08	6.29E-07	1.39E-07	1.88E-07	2.97E-07	5.24E-08	2.95E-07	1.63E-06
1511	495361.06	3858551.99	2.23E-03	2.26E-03	2.23E-03	7.74E-07	2.34E-06	1.35E-06	1.37E-06	1.24E-06	5.67E-07	5.59E-07	2.58E-08	6.24E-07	1.38E-07	1.86E-07	2.95E-07	5.21E-08	2.93E-07	1.61E-06
1512	495411.06	3858551.99	2.22E-03	2.25E-03	2.22E-03	7.70E-07	2.33E-06	1.35E-06	1.37E-06	1.24E-06	5.65E-07	5.56E-07	2.57E-08	6.21E-07	1.37E-07	1.85E-07	2.94E-07	5.18E-08	2.92E-07	1.61E-06
1513	495461.06	3858551.99	2.21E-03	2.24E-03	2.21E-03	7.66E-07	2.31E-06	1.34E-06	1.36E-06	1.23E-06	5.61E-07	5.53E-07	2.56E-08	6.18E-07	1.36E-07	1.84E-07	2.92E-07	5.15E-08	2.90E-07	1.60E-06
1514	495511.06	3858551.99	2.20E-03	2.23E-03	2.20E-03	7.63E-07	2.30E-06	1.33E-06	1.35E-06	1.23E-06	5.59E-07	5.50E-07	2.55E-08	6.15E-07	1.36E-07	1.84E-07	2.91E-07	5.13E-08	2.89E-07	1.59E-06
1515	495561.06	3858551.99	2.19E-03	2.22E-03	2.18E-03	7.58E-07	2.29E-06	1.32E-06	1.34E-06	1.22E-06	5.56E-07	5.47E-07	2.53E-08	6.11E-07	1.35E-07	1.82E-07	2.89E-07	5.10E-08	2.87E-07	1.58E-06
1516	495611.06	3858551.99	2.17E-03	2.20E-03	2.17E-03	7.52E-07	2.27E-06	1.31E-06	1.33E-06	1.21E-06	5.52E-07	5.43E-07	2.51E-08	6.07E-07	1.34E-07	1.81E-07	2.87E-07	5.06E-08	2.85E-07	1.57E-06
1517	495661.06	3858551.99	2.15E-03	2.18E-03	2.15E-03	7.46E-07	2.25E-06	1.30E-06	1.32E-06	1.20E-06	5.47E-07	5.38E-07	2.49E-08	6.02E-07	1.33E-07	1.80E-07	2.85E-07	5.02E-08	2.82E-07	1.56E-06
1518	494311.06	3858601.99	2.75E-03	2.79E-03	2.75E-03	9.53E-07	2.88E-06	1.67E-06	1.69E-06	1.53E-06	6.98E-07	6.90E-07	3.18E-08	7.69E-07	1.70E-07	2.29E-07	3.64E-07	6.41E-08	3.62E-07	1.99E-06
1519	494361.06	3858601.99	2.86E-03	2.90E-03	2.86E-03	9.93E-07	3.00E-06	1.74E-06	1.76E-06	1.59E-06	7.27E-07	7.18E-07	3.31E-08	8.01E-07	1.77E-07	2.39E-07	3.79E-07	6.68E-08	3.77E-07	2.07E-06
1520	494411.06	3858601.99	2.93E-03	2.97E-03	2.93E-03	1.02E-06	3.07E-06	1.78E-06	1.80E-06	1.63E-06	7.45E-07	7.35E-07	3.40E-08	8.20E-07	1.81E-07	2.45E-07	3.88E-07	6.84E-08	3.86E-07	2.12E-06
1521	494461.06	3858601.99	2.92E-03	2.96E-03	2.92E-03	1.01E-06	3.05E-06	1.77E-06	1.79E-06	1.62E-06	7.41E-07	7.31E-07	3.38E-08	8.16E-07	1.80E-07	2.43E-07	3.86E-07	6.80E-08	3.84E-07	2.11E-06
1522	494511.06	3858601.99	2.88E-03	2.92E-03	2.88E-03	9.97E-07	3.01E-06	1.74E-06	1.77E-06	1.60E-06	7.31E-07	7.21E-07	3.33E-08	8.04E-07	1.78E-07	2.40E-07	3.81E-07	6.71E-08	3.78E-07	2.08E-06
1523	494561.06	3858601.99	2.88E-03	2.91E-03	2.87E-03	9.96E-07	3.01E-06	1.74E-06	1.77E-06	1.60E-06	7.30E-07	7.20E-07	3.33E-08	8.04E-07	1.77E-07	2.40E-07	3.80E-07	6.70E-08	3.78E-07	2.08E-06
1524	494611.06	3858601.99	2.84E-03	2.88E-03	2.83E-03	9.83E-07	2.97E-06	1.72E-06	1.74E-06	1.58E-06	7.21E-07	7.10E-07	3.28E-08	7.93E-07	1.75E-07	2.37E-07	3.75E-07	6.61E-08	3.73E-07	2.05E-06
1525	494661.06	3858601.99	2.81E-03	2.85E-03	2.80E-03	9.73E-07	2.94E-06	1.70E-06	1.72E-06	1.56E-06	7.13E-07	7.03E-07	3.25E-08	7.85E-07	1.73E-07	2.34E-07	3.71E-07	6.54E-08	3.69E-07	2.03E-06
1526	494711.06	3858601.99	2.76E-03	2.80E-03	2.76E-03	9.58E-07	2.89E-06	1.67E-06	1.70E-06	1.54E-06	7.02E-07	6.92E-07	3.20E-08	7.73E-07	1.71E-07	2.31E-07	3.66E-07	6.44E-08	3.63E-07	2.00E-06
1527	494761.06	3858601.99	2.72E-03	2.76E-03	2.72E-03	9.43E-07	2.85E-06	1.65E-06	1.67E-06	1.52E-06	6.91E-07	6.81E-07	3.15E-08	7.61E-07	1.68E-07	2.27E-07	3.60E-07	6.35E-08	3.58E-07	1.97E-06
1528	494811.06	3858601.99	2.66E-03	2.70E-03	2.66E-03	9.22E-07	2.79E-06	1.61E-06	1.63E-06	1.48E-06	6.76E-07	6.66E-07	3.08E-08	7.44E-07	1.64E-07	2.22E-07	3.52E-07	6.20E-08	3.50E-07	1.92E-06
1529	494861.06	3858601.99	2.63E-03	2.66E-03	2.63E-03	9.11E-07	2.75E-06	1.59E-06	1.61E-06	1.46E-06	6.67E-07	6.58E-07	3.04E-08	7.34E-07	1.62E-07	2.19E-07	3.48E-07	6.13E-08	3.45E-07	1.90E-06
1530	494911.06	3858601.99	2.57E-03	2.61E-03	2.57E-03	8.91E-07	2.69E-06	1.56E-06	1.58E-06	1.43E-06	6.53E-07	6.44E-07	2.98E-08	7.19E-07	1.59E-07	2.14E-07	3.40E-07	6.00E-08	3.38E-07	1.86E-06

1531	494961.06	3858601.99	2.53E-03	2.57E-03	2.53E-03	8.78E-07	2.65E-06	1.53E-06	1.56E-06	1.41E-06	6.43E-07	6.34E-07	2.93E-08	7.08E-07	1.56E-07	2.11E-07	3.35E-07	5.90E-08	3.33E-07	1.83E-06
1532	495011.06	3858601.99	2.49E-03	2.53E-03	2.49E-03	8.64E-07	2.61E-06	1.51E-06	1.53E-06	1.39E-06	6.33E-07	6.24E-07	2.88E-08	6.97E-07	1.54E-07	2.08E-07	3.30E-07	5.81E-08	3.27E-07	1.80E-06
1533	495061.06	3858601.99	2.45E-03	2.48E-03	2.45E-03	8.49E-07	2.56E-06	1.48E-06	1.50E-06	1.36E-06	6.22E-07	6.13E-07	2.84E-08	6.85E-07	1.51E-07	2.04E-07	3.24E-07	5.71E-08	3.22E-07	1.77E-06
1534	495111.06	3858601.99	2.39E-03	2.43E-03	2.39E-03	8.29E-07	2.50E-06	1.45E-06	1.47E-06	1.33E-06	6.08E-07	5.99E-07	2.77E-08	6.69E-07	1.48E-07	1.99E-07	3.16E-07	5.58E-08	3.14E-07	1.73E-06
1535	495161.06	3858601.99	2.36E-03	2.39E-03	2.36E-03	8.18E-07	2.47E-06	1.43E-06	1.45E-06	1.31E-06	5.99E-07	5.91E-07	2.73E-08	6.60E-07	1.46E-07	1.97E-07	3.12E-07	5.50E-08	3.10E-07	1.71E-06
1536	495211.06	3858601.99	2.34E-03	2.37E-03	2.33E-03	8.10E-07	2.45E-06	1.42E-06	1.43E-06	1.30E-06	5.94E-07	5.85E-07	2.70E-08	6.53E-07	1.44E-07	1.95E-07	3.09E-07	5.45E-08	3.07E-07	1.69E-06
1537	495261.06	3858601.99	2.31E-03	2.34E-03	2.31E-03	8.01E-07	2.42E-06	1.40E-06	1.42E-06	1.29E-06	5.87E-07	5.78E-07	2.67E-08	6.46E-07	1.43E-07	1.93E-07	3.06E-07	5.39E-08	3.04E-07	1.67E-06
1538	495311.06	3858601.99	2.29E-03	2.32E-03	2.29E-03	7.94E-07	2.40E-06	1.39E-06	1.41E-06	1.28E-06	5.82E-07	5.73E-07	2.65E-08	6.40E-07	1.41E-07	1.91E-07	3.03E-07	5.34E-08	3.01E-07	1.66E-06
1539	495361.06	3858601.99	2.28E-03	2.31E-03	2.27E-03	7.89E-07	2.38E-06	1.38E-06	1.40E-06	1.27E-06	5.78E-07	5.70E-07	2.64E-08	6.37E-07	1.40E-07	1.90E-07	3.01E-07	5.31E-08	2.99E-07	1.65E-06
1540	495411.06	3858601.99	2.26E-03	2.30E-03	2.26E-03	7.85E-07	2.37E-06	1.37E-06	1.39E-06	1.26E-06	5.75E-07	5.67E-07	2.62E-08	6.33E-07	1.40E-07	1.89E-07	3.00E-07	5.28E-08	2.97E-07	1.64E-06
1541	495461.06	3858601.99	2.25E-03	2.28E-03	2.25E-03	7.81E-07	2.36E-06	1.36E-06	1.38E-06	1.25E-06	5.72E-07	5.64E-07	2.61E-08	6.30E-07	1.39E-07	1.88E-07	2.98E-07	5.25E-08	2.96E-07	1.63E-06
1542	495511.06	3858601.99	2.23E-03	2.26E-03	2.23E-03	7.74E-07	2.34E-06	1.35E-06	1.37E-06	1.24E-06	5.67E-07	5.59E-07	2.58E-08	6.24E-07	1.38E-07	1.86E-07	2.95E-07	5.21E-08	2.93E-07	1.61E-06
1543	495561.06	3858601.99	2.23E-03	2.26E-03	2.22E-03	7.71E-07	2.33E-06	1.35E-06	1.37E-06	1.24E-06	5.65E-07	5.57E-07	2.58E-08	6.22E-07	1.37E-07	1.86E-07	2.94E-07	5.19E-08	2.92E-07	1.61E-06
1544	495611.06	3858601.99	2.20E-03	2.23E-03	2.20E-03	7.63E-07	2.30E-06	1.33E-06	1.35E-06	1.23E-06	5.60E-07	5.51E-07	2.55E-08	6.16E-07	1.36E-07	1.84E-07	2.91E-07	5.14E-08	2.89E-07	1.59E-06
1545	495661.06	3858601.99	2.19E-03	2.22E-03	2.19E-03	7.60E-07	2.29E-06	1.33E-06	1.35E-06	1.22E-06	5.57E-07	5.48E-07	2.54E-08	6.13E-07	1.35E-07	1.83E-07	2.90E-07	5.11E-08	2.88E-07	1.59E-06
1546	494311.06	3858651.99	2.76E-03	2.80E-03	2.77E-03	9.56E-07	2.89E-06	1.67E-06	1.69E-06	1.53E-06	7.00E-07	6.93E-07	3.19E-08	7.71E-07	1.70E-07	2.30E-07	3.65E-07	6.43E-08	3.64E-07	2.00E-06
1547	494361.06	3858651.99	2.87E-03	2.91E-03	2.88E-03	9.95E-07	3.01E-06	1.74E-06	1.76E-06	1.60E-06	7.29E-07	7.21E-07	3.32E-08	8.03E-07	1.77E-07	2.39E-07	3.80E-07	6.69E-08	3.78E-07	2.08E-06
1548	494411.06	3858651.99	3.00E-03	3.04E-03	3.00E-03	1.04E-06	3.14E-06	1.82E-06	1.84E-06	1.67E-06	7.61E-07	7.51E-07	3.47E-08	8.38E-07	1.85E-07	2.50E-07	3.96E-07	6.98E-08	3.94E-07	2.17E-06
1549	494461.06	3858651.99	2.99E-03	3.03E-03	3.00E-03	1.04E-06	3.13E-06	1.81E-06	1.84E-06	1.67E-06	7.60E-07	7.50E-07	3.46E-08	8.37E-07	1.85E-07	2.50E-07	3.96E-07	6.98E-08	3.94E-07	2.17E-06
1550	494511.06	3858651.99	2.97E-03	3.01E-03	2.97E-03	1.03E-06	3.10E-06	1.80E-06	1.82E-06	1.65E-06	7.53E-07	7.43E-07	3.43E-08	8.29E-07	1.83E-07	2.47E-07	3.92E-07	6.91E-08	3.90E-07	2.15E-06
1551	494561.06	3858651.99	2.95E-03	2.99E-03	2.95E-03	1.02E-06	3.08E-06	1.78E-06	1.81E-06	1.64E-06	7.48E-07	7.38E-07	3.41E-08	8.24E-07	1.82E-07	2.46E-07	3.90E-07	6.87E-08	3.88E-07	2.13E-06
1552	494611.06	3858651.99	2.92E-03	2.96E-03	2.92E-03	1.01E-06	3.06E-06	1.77E-06	1.79E-06	1.63E-06	7.42E-07	7.32E-07	3.38E-08	8.16E-07	1.80E-07	2.43E-07	3.86E-07	6.81E-08	3.84E-07	2.11E-06
1553	494661.06	3858651.99	2.88E-03	2.92E-03	2.88E-03	9.99E-07	3.02E-06	1.75E-06	1.77E-06	1.60E-06	7.32E-07	7.22E-07	3.34E-08	8.06E-07	1.78E-07	2.40E-07	3.81E-07	6.72E-08	3.79E-07	2.08E-06
1554	494711.06	3858651.99	2.83E-03	2.87E-03	2.83E-03	9.82E-07	2.96E-06	1.72E-06	1.74E-06	1.58E-06	7.19E-07	7.10E-07	3.28E-08	7.92E-07	1.75E-07	2.36E-07	3.75E-07	6.60E-08	3.72E-07	2.05E-06
1555	494761.06	3858651.99	2.79E-03	2.83E-03	2.79E-03	9.68E-07	2.92E-06	1.69E-06	1.71E-06	1.55E-06	7.09E-07	7.00E-07	3.23E-08	7.81E-07	1.72E-07	2.33E-07	3.69E-07	6.51E-08	3.67E-07	2.02E-06
1556	494811.06	3858651.99	2.74E-03	2.78E-03	2.74E-03	9.49E-07	2.87E-06	1.66E-06	1.68E-06	1.52E-06	6.96E-07	6.86E-07	3.17E-08	7.65E-07	1.69E-07	2.28E-07	3.62E-07	6.38E-08	3.60E-07	1.98E-06
1557	494861.06	3858651.99	2.69E-03	2.72E-03	2.69E-03	9.31E-07	2.81E-06	1.63E-06	1.65E-06	1.50E-06	6.83E-07	6.73E-07	3.11E-08	7.51E-07	1.66E-07	2.24E-07	3.55E-07	6.26E-08	3.53E-07	1.94E-06
1558	494911.06	3858651.99	2.63E-03	2.67E-03	2.63E-03	9.12E-07	2.75E-06	1.59E-06	1.62E-06	1.47E-06	6.68E-07	6.59E-07	3.05E-08	7.36E-07	1.62E-07	2.19E-07	3.48E-07	6.13E-08	3.46E-07	1.90E-06
1559	494961.06	3858651.99	2.58E-03	2.62E-03	2.58E-03	8.95E-07	2.70E-06	1.56E-06	1.59E-06	1.44E-06	6.56E-07	6.47E-07	2.99E-08	7.22E-07	1.59E-07	2.15E-07	3.42E-07	6.02E-08	3.40E-07	1.87E-06
1560	495011.06	3858651.99	2.54E-03	2.58E-03	2.54E-03	8.81E-07	2.66E-06	1.54E-06	1.56E-06	1.42E-06	6.46E-07	6.37E-07	2.94E-08	7.11E-07	1.57E-07	2.12E-07	3.36E-07	5.93E-08	3.34E-07	1.84E-06
1561	495061.06	3858651.99	2.50E-03	2.53E-03	2.50E-03	8.66E-07	2.62E-06	1.51E-06	1.53E-06	1.39E-06	6.35E-07	6.26E-07	2.89E-08	6.99E-07	1.54E-07	2.08E-07	3.31E-07	5.82E-08	3.29E-07	1.81E-06
1562	495111.06	3858651.99	2.45E-03	2.48E-03	2.45E-03	8.49E-07	2.56E-06	1.48E-06	1.50E-06	1.36E-06	6.22E-07	6.14E-07	2.84E-08	6.85E-07	1.51E-07	2.04E-07	3.24E-07	5.71E-08	3.22E-07	1.77E-06
1563	495161.06	3858651.99	2.42E-03	2.45E-03	2.42E-03	8.38E-07	2.53E-06	1.46E-06	1.48E-06	1.35E-06	6.14E-07	6.05E-07	2.80E-08	6.76E-07	1.49E-07	2.01E-07	3.20E-07	5.63E-08	3.18E-07	1.75E-06
1564	495211.06	3858651.99	2.38E-03	2.41E-03	2.38E-03	8.25E-07	2.49E-06	1.44E-06	1.46E-06	1.32E-06	6.04E-07	5.96E-07	2.75E-08	6.65E-07	1.47E-07	1.98E-07	3.15E-07	5.55E-08	3.13E-07	1.72E-06
1565	495261.06	3858651.99	2.37E-03	2.40E-03	2.36E-03	8.20E-07	2.48E-06	1.43E-06	1.45E-06	1.32E-06	6.01E-07	5.92E-07	2.74E-08	6.61E-07	1.46E-07	1.97E-07	3.13E-07	5.51E-08	3.11E-07	1.71E-06
1566	495311.06	3858651.99	2.34E-03	2.38E-03	2.34E-03	8.12E-07	2.45E-06	1.42E-06	1.44E-06	1.30E-06	5.95E-07	5.87E-07	2.71E-08	6.55E-07	1.45E-07	1.95E-07	3.10E-07	5.46E-08	3.08E-07	1.69E-06
1567	495361.06	3858651.99	2.33E-03	2.36E-03	2.33E-03	8.07E-07	2.44E-06	1.41E-06	1.43E-06	1.30E-06	5.91E-07	5.83E-07	2.69E-08	6.51E-07	1.44E-07	1.94E-07	3.08E-07	5.43E-08	3.06E-07	1.68E-06
1568	495411.06	3858651.99	2.32E-03	2.35E-03	2.32E-03	8.03E-07	2.43E-06	1.40E-06	1.42E-06	1.29E-06	5.89E-07	5.80E-07	2.68E-08	6.48E-07	1.43E-07	1.93E-07	3.07E-07	5.40E-08	3.05E-07	1.68E-06
1569	495461.06	3858651.99	2.31E-03	2.34E-03	2.31E-03	8.01E-07	2.42E-06	1.40E-06	1.42E-06	1.29E-06	5.87E-07	5.78E-07	2.67E-08	6.46E-07	1.43E-07	1.93E-07	3.06E-07	5.39E-08	3.04E-07	1.67E-06
1570	495511.06	3858651.99	2.29E-03	2.32E-03	2.28E-03	7.93E-07	2.39E-06	1.39E-06	1.40E-06	1.27E-06	5.81E-07	5.72E-07	2.65E-08	6.39E-07	1.41E-07	1.91E-07	3.03E-07	5.33E-08	3.00E-07	1.65E-06
1571	495561.06	3858651.99	2.27E-03	2.30E-03	2.27E-03	7.86E-07	2.37E-06	1.37E-06	1.39E-06	1.26E-06	5.76E-07	5.68E-07	2.63E-08	6.34E-07	1.40E-07	1.89E-07	3.00E-07	5.29E-08	2.98E-07	1.64E-06
1572	495611.06	3858651.99	2.24E-03	2.27E-03	2.24E-03	7.77E-07	2.35E-06	1.36E-06	1.38E-06	1.25E-06	5.70E-07	5.61E-07	2.59E-08	6.27E-07	1.38E-07	1.87E-07	2.97E-07	5.23E-08	2.95E-07	1.62E-06
1573	495661.06	3858651.99	2.23E-03	2.26E-03	2.23E-03	7.73E-07	2.33E-06	1.35E-06	1.37E-06	1.24E-06	5.67E-07	5.58E-07	2.58E-08	6.24E-07	1.38E-07	1.86E-07	2.95E-07	5.20E-08	2.93E-07	1.61E-06
1574	494311.06	3858701.99	2.82E-03	2.86E-03	2.83E-03	9.78E-07	2.95E-06	1.71E-06	1.73E-06	1.57E-06	7.16E-07	7.10E-07	3.27E-08	7.89E-07	1.74E-07	2.35E-07	3.73E-07	6.57E-08	3.72E-07	2.04E-06
1575	494361.06	3858701.99	2.98E-03	3.02E-03	2.99E-03	1.03E-06	3.12E-06	1.81E-06	1.83E-06	1.66E-06	7.57E-07	7.49E-07	3.45E-08	8.34E-07	1.84E-07	2.49E-07	3.94E-07	6.95E-08	3.93E-07	2.16E-06
1576	494411.06	3858701.99	3.07E-03	3.11E-03	3.08E-03	1.06E-06	3.21E-06	1.86E-06	1.89E-06	1.71E-06	7.80E-07	7.71E-07	3.56E-08	8.59E-07	1.89E-07	2.56E-07	4.06E-07	7.16E-08	4.04E-07	2.22E-06
1577	494461.06	3858701.99	3.06E-03	3.10E-03	3.07E-03	1.06E-06	3.21E-06	1.86E-06	1.88E-06	1.70E-06	7.78E-07	7.68E-07	3.54E-08	8.56E-07	1.89E-07	2.55E-07	4.05E-07	7.14E-08	4.03E-07	2.22E-06
1578	494511.06	3858701.99	3.04E-03	3.08E-03	3.05E-03	1.05E-06	3.19E-06	1.84E-06	1.87E-06	1.69E-06	7.73E-07	7.64E-07	3.52E-08	8.51E-07	1.88E-07	2.54E-07	4.02E-07	7.09E-08	4.01E-07	2.20E-06
1579	494561.06	3858701.99	3.02E-03	3.06E-03	3.02E-03	1.05E-06	3.16E-06	1.83E-06	1.85E-06	1.68E-06	7.66E-07	7.57E-07	3.49E-08	8.43E-07	1.86E-07	2.51E-07	3.99E-07	7.03E-08	3.97E-07	2.18E-06
1580	494611.06	3858701.99	2.96E-03	3.00E-03	2.96E-03	1.02E-06	3.09E-06	1.79E-06	1.82E-06	1.65E-06	7.51E-07	7.42E-07	3.42E-08	8.27E-07	1.82E-07	2.46E-07	3.91E-07	6.89E-08	3.89E-07	2.14E-06
1581	494661.06	3858701.99	2.95E-03	2.99E-03	2.95E-03	1.02E-06	3.08E-06	1.78E-06	1.81E-06	1.64E-06	7.48E-07	7.39E-07	3.41E-08	8.23E-07	1.82E-07	2.46E-07	3.89E-07	6.86E-08	3.88E-07	2.13E-06
1582	494711.06	3858701.99	2.83E-03	2.87E-03	2.83E-03	9.80E-07	2.96E-06	1.71E-06	1.74E-06	1.57E-06	7.18E-07	7.09E-07	3.27E-08	7.90E-07	1.74E-07	2.36E-07	3.74E-07	6.59E-08	3.72E-07	2.05E-06
1583	494761.06	3858701.99	2.84E-03	2.88E-03	2.84E-03	9.85E-07	2.97E-06	1.72E-06	1.75E-06	1.58E-06	7.22E-07	7.13E-07	3.29E-08	7.95E-07	1.75E-07	2.37E-07	3.76E-07	6.62E-08	3.74E-07	2.06E-06

1584	494811.06	3858701.99	2.79E-03	2.82E-03	2.79E-03	9.66E-07	2.92E-06	1.69E-06	1.71E-06	1.55E-06	7.08E-07	6.99E-07	3.23E-08	7.79E-07	1.72E-07	2.32E-07	3.69E-07	6.49E-08	3.67E-07	2.02E-06
1585	494861.06	3858701.99	2.74E-03	2.78E-03	2.74E-03	9.50E-07	2.87E-06	1.66E-06	1.68E-06	1.52E-06	6.96E-07	6.87E-07	3.17E-08	7.66E-07	1.69E-07	2.28E-07	3.62E-07	6.39E-08	3.61E-07	1.98E-06
1586	494911.06	3858701.99	2.70E-03	2.74E-03	2.70E-03	9.36E-07	2.82E-06	1.64E-06	1.66E-06	1.50E-06	6.86E-07	6.77E-07	3.12E-08	7.55E-07	1.67E-07	2.25E-07	3.57E-07	6.29E-08	3.55E-07	1.95E-06
1587	494961.06	3858701.99	2.63E-03	2.66E-03	2.63E-03	9.10E-07	2.75E-06	1.59E-06	1.61E-06	1.46E-06	6.67E-07	6.58E-07	3.04E-08	7.34E-07	1.62E-07	2.19E-07	3.47E-07	6.12E-08	3.45E-07	1.90E-06
1588	495011.06	3858701.99	2.58E-03	2.61E-03	2.58E-03	8.93E-07	2.70E-06	1.56E-06	1.58E-06	1.43E-06	6.54E-07	6.46E-07	2.98E-08	7.20E-07	1.59E-07	2.15E-07	3.41E-07	6.01E-08	3.39E-07	1.86E-06
1589	495061.06	3858701.99	2.55E-03	2.59E-03	2.55E-03	8.84E-07	2.67E-06	1.55E-06	1.57E-06	1.42E-06	6.48E-07	6.40E-07	2.95E-08	7.13E-07	1.57E-07	2.13E-07	3.37E-07	5.95E-08	3.36E-07	1.85E-06
1590	495111.06	3858701.99	2.50E-03	2.53E-03	2.50E-03	8.66E-07	2.61E-06	1.51E-06	1.53E-06	1.39E-06	6.34E-07	6.26E-07	2.89E-08	6.98E-07	1.54E-07	2.08E-07	3.30E-07	5.82E-08	3.29E-07	1.81E-06
1591	495161.06	3858701.99	2.47E-03	2.50E-03	2.47E-03	8.55E-07	2.58E-06	1.49E-06	1.51E-06	1.37E-06	6.27E-07	6.19E-07	2.86E-08	6.90E-07	1.52E-07	2.06E-07	3.26E-07	5.75E-08	3.25E-07	1.78E-06
1592	495211.06	3858701.99	2.43E-03	2.46E-03	2.43E-03	8.42E-07	2.54E-06	1.47E-06	1.49E-06	1.35E-06	6.17E-07	6.09E-07	2.81E-08	6.79E-07	1.50E-07	2.03E-07	3.21E-07	5.66E-08	3.20E-07	1.76E-06
1593	495261.06	3858701.99	2.42E-03	2.45E-03	2.42E-03	8.37E-07	2.53E-06	1.46E-06	1.48E-06	1.34E-06	6.14E-07	6.06E-07	2.80E-08	6.75E-07	1.49E-07	2.01E-07	3.19E-07	5.63E-08	3.18E-07	1.75E-06
1594	495311.06	3858701.99	2.40E-03	2.44E-03	2.40E-03	8.33E-07	2.51E-06	1.46E-06	1.48E-06	1.34E-06	6.10E-07	6.02E-07	2.78E-08	6.72E-07	1.48E-07	2.00E-07	3.18E-07	5.60E-08	3.16E-07	1.74E-06
1595	495361.06	3858701.99	2.38E-03	2.42E-03	2.38E-03	8.26E-07	2.49E-06	1.44E-06	1.46E-06	1.33E-06	6.06E-07	5.97E-07	2.76E-08	6.66E-07	1.47E-07	1.99E-07	3.15E-07	5.56E-08	3.14E-07	1.72E-06
1596	495411.06	3858701.99	2.38E-03	2.41E-03	2.37E-03	8.23E-07	2.49E-06	1.44E-06	1.46E-06	1.32E-06	6.03E-07	5.95E-07	2.75E-08	6.64E-07	1.47E-07	1.98E-07	3.14E-07	5.54E-08	3.12E-07	1.72E-06
1597	495461.06	3858701.99	2.36E-03	2.39E-03	2.36E-03	8.18E-07	2.47E-06	1.43E-06	1.45E-06	1.31E-06	5.99E-07	5.91E-07	2.73E-08	6.60E-07	1.46E-07	1.97E-07	3.12E-07	5.50E-08	3.10E-07	1.71E-06
1598	495511.06	3858701.99	2.34E-03	2.37E-03	2.34E-03	8.11E-07	2.45E-06	1.42E-06	1.44E-06	1.30E-06	5.94E-07	5.86E-07	2.71E-08	6.54E-07	1.44E-07	1.95E-07	3.09E-07	5.45E-08	3.07E-07	1.69E-06
1599	495561.06	3858701.99	2.32E-03	2.35E-03	2.31E-03	8.03E-07	2.42E-06	1.40E-06	1.42E-06	1.29E-06	5.88E-07	5.80E-07	2.68E-08	6.47E-07	1.43E-07	1.93E-07	3.06E-07	5.40E-08	3.04E-07	1.67E-06
1600	495611.06	3858701.99	2.29E-03	2.32E-03	2.29E-03	7.94E-07	2.40E-06	1.39E-06	1.41E-06	1.28E-06	5.82E-07	5.74E-07	2.65E-08	6.41E-07	1.41E-07	1.91E-07	3.03E-07	5.34E-08	3.01E-07	1.66E-06
1601	495661.06	3858701.99	2.28E-03	2.31E-03	2.27E-03	7.89E-07	2.38E-06	1.38E-06	1.40E-06	1.27E-06	5.78E-07	5.70E-07	2.63E-08	6.36E-07	1.40E-07	1.90E-07	3.01E-07	5.31E-08	2.99E-07	1.65E-06
1602	494311.06	3858751.99	2.89E-03	2.93E-03	2.90E-03	1.00E-06	3.03E-06	1.75E-06	1.77E-06	1.61E-06	7.34E-07	7.27E-07	3.35E-08	8.09E-07	1.78E-07	2.41E-07	3.82E-07	6.74E-08	3.82E-07	2.09E-06
1603	494361.06	3858751.99	3.09E-03	3.13E-03	3.10E-03	1.07E-06	3.23E-06	1.87E-06	1.89E-06	1.72E-06	7.84E-07	7.76E-07	3.57E-08	8.63E-07	1.90E-07	2.57E-07	4.08E-07	7.19E-08	4.07E-07	2.23E-06
1604	494411.06	3858751.99	3.16E-03	3.20E-03	3.16E-03	1.09E-06	3.30E-06	1.91E-06	1.94E-06	1.76E-06	8.01E-07	7.92E-07	3.65E-08	8.82E-07	1.95E-07	2.63E-07	4.17E-07	7.35E-08	4.16E-07	2.28E-06
1605	494461.06	3858751.99	3.15E-03	3.19E-03	3.15E-03	1.09E-06	3.29E-06	1.91E-06	1.93E-06	1.75E-06	7.98E-07	7.90E-07	3.64E-08	8.79E-07	1.94E-07	2.62E-07	4.16E-07	7.33E-08	4.14E-07	2.28E-06
1606	494511.06	3858751.99	3.13E-03	3.17E-03	3.14E-03	1.09E-06	3.28E-06	1.90E-06	1.92E-06	1.74E-06	7.95E-07	7.86E-07	3.62E-08	8.76E-07	1.93E-07	2.61E-07	4.14E-07	7.30E-08	4.13E-07	2.27E-06
1607	494561.06	3858751.99	3.09E-03	3.13E-03	3.09E-03	1.07E-06	3.23E-06	1.87E-06	1.90E-06	1.72E-06	7.84E-07	7.75E-07	3.58E-08	8.64E-07	1.91E-07	2.57E-07	4.08E-07	7.20E-08	4.07E-07	2.24E-06
1608	494611.06	3858751.99	3.04E-03	3.08E-03	3.04E-03	1.05E-06	3.18E-06	1.84E-06	1.86E-06	1.69E-06	7.71E-07	7.62E-07	3.51E-08	8.49E-07	1.87E-07	2.53E-07	4.01E-07	7.07E-08	4.00E-07	2.20E-06
1609	494661.06	3858751.99	3.01E-03	3.05E-03	3.01E-03	1.04E-06	3.15E-06	1.82E-06	1.85E-06	1.67E-06	7.64E-07	7.55E-07	3.48E-08	8.41E-07	1.86E-07	2.51E-07	3.98E-07	7.01E-08	3.96E-07	2.18E-06
1610	494711.06	3858751.99	2.94E-03	2.98E-03	2.94E-03	1.02E-06	3.07E-06	1.78E-06	1.80E-06	1.63E-06	7.46E-07	7.37E-07	3.40E-08	8.21E-07	1.81E-07	2.45E-07	3.88E-07	6.84E-08	3.87E-07	2.12E-06
1611	494761.06	3858751.99	2.91E-03	2.94E-03	2.91E-03	1.01E-06	3.04E-06	1.76E-06	1.78E-06	1.62E-06	7.38E-07	7.29E-07	3.36E-08	8.12E-07	1.79E-07	2.42E-07	3.84E-07	6.77E-08	3.83E-07	2.10E-06
1612	494811.06	3858751.99	2.84E-03	2.88E-03	2.85E-03	9.85E-07	2.98E-06	1.72E-06	1.75E-06	1.58E-06	7.22E-07	7.13E-07	3.29E-08	7.95E-07	1.75E-07	2.37E-07	3.76E-07	6.63E-08	3.74E-07	2.06E-06
1613	494861.06	3858751.99	2.79E-03	2.82E-03	2.79E-03	9.66E-07	2.92E-06	1.69E-06	1.71E-06	1.55E-06	7.08E-07	6.99E-07	3.23E-08	7.79E-07	1.72E-07	2.32E-07	3.69E-07	6.50E-08	3.67E-07	2.02E-06
1614	494911.06	3858751.99	2.73E-03	2.76E-03	2.73E-03	9.46E-07	2.86E-06	1.65E-06	1.67E-06	1.52E-06	6.93E-07	6.85E-07	3.16E-08	7.63E-07	1.68E-07	2.27E-07	3.61E-07	6.36E-08	3.59E-07	1.97E-06
1615	494961.06	3858751.99	2.68E-03	2.72E-03	2.69E-03	9.30E-07	2.81E-06	1.63E-06	1.65E-06	1.49E-06	6.82E-07	6.74E-07	3.11E-08	7.50E-07	1.66E-07	2.24E-07	3.55E-07	6.26E-08	3.53E-07	1.94E-06
1616	495011.06	3858751.99	2.65E-03	2.69E-03	2.66E-03	9.19E-07	2.78E-06	1.61E-06	1.63E-06	1.48E-06	6.74E-07	6.65E-07	3.07E-08	7.42E-07	1.64E-07	2.21E-07	3.51E-07	6.18E-08	3.49E-07	1.92E-06
1617	495061.06	3858751.99	2.61E-03	2.64E-03	2.61E-03	9.04E-07	2.73E-06	1.58E-06	1.60E-06	1.45E-06	6.62E-07	6.54E-07	3.02E-08	7.29E-07	1.61E-07	2.17E-07	3.45E-07	6.08E-08	3.43E-07	1.89E-06
1618	495111.06	3858751.99	2.56E-03	2.59E-03	2.56E-03	8.86E-07	2.67E-06	1.55E-06	1.57E-06	1.42E-06	6.49E-07	6.41E-07	2.96E-08	7.14E-07	1.58E-07	2.13E-07	3.38E-07	5.95E-08	3.36E-07	1.85E-06
1619	495161.06	3858751.99	2.52E-03	2.56E-03	2.53E-03	8.74E-07	2.64E-06	1.53E-06	1.55E-06	1.40E-06	6.41E-07	6.33E-07	2.92E-08	7.05E-07	1.56E-07	2.10E-07	3.34E-07	5.88E-08	3.32E-07	1.82E-06
1620	495211.06	3858751.99	2.48E-03	2.52E-03	2.49E-03	8.60E-07	2.60E-06	1.50E-06	1.52E-06	1.38E-06	6.30E-07	6.23E-07	2.87E-08	6.94E-07	1.53E-07	2.07E-07	3.28E-07	5.79E-08	3.27E-07	1.80E-06
1621	495261.06	3858751.99	2.47E-03	2.50E-03	2.47E-03	8.55E-07	2.58E-06	1.49E-06	1.51E-06	1.37E-06	6.26E-07	6.19E-07	2.85E-08	6.90E-07	1.52E-07	2.06E-07	3.26E-07	5.75E-08	3.25E-07	1.78E-06
1622	495311.06	3858751.99	2.45E-03	2.49E-03	2.46E-03	8.50E-07	2.57E-06	1.49E-06	1.51E-06	1.37E-06	6.23E-07	6.15E-07	2.84E-08	6.86E-07	1.51E-07	2.05E-07	3.24E-07	5.72E-08	3.23E-07	1.77E-06
1623	495361.06	3858751.99	2.44E-03	2.47E-03	2.44E-03	8.44E-07	2.55E-06	1.48E-06	1.50E-06	1.36E-06	6.18E-07	6.11E-07	2.82E-08	6.81E-07	1.50E-07	2.03E-07	3.22E-07	5.68E-08	3.20E-07	1.76E-06
1624	495411.06	3858751.99	2.43E-03	2.46E-03	2.43E-03	8.42E-07	2.54E-06	1.47E-06	1.49E-06	1.35E-06	6.17E-07	6.09E-07	2.81E-08	6.79E-07	1.50E-07	2.02E-07	3.21E-07	5.66E-08	3.20E-07	1.76E-06
1625	495461.06	3858751.99	2.41E-03	2.45E-03	2.41E-03	8.36E-07	2.53E-06	1.46E-06	1.48E-06	1.34E-06	6.13E-07	6.05E-07	2.79E-08	6.75E-07	1.49E-07	2.01E-07	3.19E-07	5.62E-08	3.17E-07	1.75E-06
1626	495511.06	3858751.99	2.39E-03	2.42E-03	2.39E-03	8.29E-07	2.50E-06	1.45E-06	1.47E-06	1.33E-06	6.07E-07	5.99E-07	2.77E-08	6.69E-07	1.48E-07	1.99E-07	3.16E-07	5.57E-08	3.15E-07	1.73E-06
1627	495561.06	3858751.99	2.37E-03	2.40E-03	2.37E-03	8.21E-07	2.48E-06	1.43E-06	1.45E-06	1.32E-06	6.02E-07	5.93E-07	2.74E-08	6.62E-07	1.46E-07	1.97E-07	3.13E-07	5.52E-08	3.11E-07	1.71E-06
1628	495611.06	3858751.99	2.34E-03	2.38E-03	2.34E-03	8.13E-07	2.45E-06	1.42E-06	1.44E-06	1.31E-06	5.96E-07	5.88E-07	2.71E-08	6.56E-07	1.45E-07	1.95E-07	3.10E-07	5.47E-08	3.08E-07	1.70E-06
1629	495661.06	3858751.99	2.33E-03	2.36E-03	2.32E-03	8.06E-07	2.43E-06	1.41E-06	1.43E-06	1.29E-06	5.91E-07	5.83E-07	2.69E-08	6.50E-07	1.43E-07	1.94E-07	3.08E-07	5.42E-08	3.06E-07	1.68E-06
1630	494311.06	3858801.99	3.01E-03	3.05E-03	3.03E-03	1.04E-06	3.15E-06	1.82E-06	1.85E-06	1.68E-06	7.64E-07	7.58E-07	3.49E-08	8.42E-07	1.86E-07	2.51E-07	3.98E-07	7.01E-08	3.98E-07	2.18E-06
1631	494361.06	3858801.99	3.18E-03	3.22E-03	3.19E-03	1.10E-06	3.33E-06	1.93E-06	1.95E-06	1.77E-06	8.07E-07	7.99E-07	3.68E-08	8.89E-07	1.96E-07	2.65E-07	4.20E-07	7.40E-08	4.19E-07	2.30E-06
1632	494411.06	3858801.99	3.21E-03	3.25E-03	3.22E-03	1.11E-06	3.36E-06	1.94E-06	1.97E-06	1.79E-06	8.15E-07	8.07E-07	3.72E-08	8.98E-07	1.98E-07	2.67E-07	4.24E-07	7.48E-08	4.23E-07	2.32E-06
1633	494461.06	3858801.99	3.22E-03	3.26E-03	3.23E-03	1.12E-06	3.37E-06	1.95E-06	1.97E-06	1.79E-06	8.17E-07	8.09E-07	3.72E-08	9.00E-07	1.98E-07	2.68E-07	4.25E-07	7.49E-08	4.24E-07	2.33E-06
1634	494511.06	3858801.99	3.21E-03	3.25E-03	3.22E-03	1.11E-06	3.36E-06	1.94E-06	1.97E-06	1.79E-06	8.15E-07	8.07E-07	3.72E-08	8.97E-07	1.98E-07	2.67E-07	4.24E-07	7.48E-08	4.23E-07	2.32E-06
1635	494561.06	3858801.99	3.19E-03	3.23E-03	3.20E-03	1.10E-06	3.34E-06	1.93E-06	1.96E-06	1.77E-06	8.09E-07	8.01E-07	3.69E-08	8.91E-07	1.97E-07	2.66E-07	4.21E-07	7.43E-08	4.20E-07	2.31E-06
1636	494611.06	3858801.99	3.15E-03	3.19E-03	3.16E-03	1.09E-06	3.30E-06	1.91E-06	1.93E-06	1.75E-06	8.00E-07	7.92E-07	3.65E-08	8.81E-07	1.94E-07	2.63E-07	4.17E-07	7.34E-08	4.16E-07	2.28E-06

1637	494661.06	3858801.99	3.10E-03	3.14E-03	3.10E-03	1.07E-06	3.24E-06	1.88E-06	1.90E-06	1.72E-06	7.86E-07	7.78E-07	3.58E-08	8.65E-07	1.91E-07	2.58E-07	4.09E-07	7.21E-08	4.08E-07	2.24E-06
1638	494711.06	3858801.99	3.03E-03	3.07E-03	3.04E-03	1.05E-06	3.17E-06	1.84E-06	1.86E-06	1.69E-06	7.70E-07	7.62E-07	3.51E-08	8.48E-07	1.87E-07	2.53E-07	4.01E-07	7.06E-08	4.00E-07	2.19E-06
1639	494761.06	3858801.99	2.96E-03	3.00E-03	2.97E-03	1.03E-06	3.10E-06	1.79E-06	1.82E-06	1.65E-06	7.51E-07	7.43E-07	3.43E-08	8.27E-07	1.83E-07	2.47E-07	3.91E-07	6.90E-08	3.90E-07	2.14E-06
1640	494811.06	3858801.99	2.89E-03	2.92E-03	2.89E-03	1.00E-06	3.02E-06	1.75E-06	1.77E-06	1.61E-06	7.33E-07	7.25E-07	3.34E-08	8.07E-07	1.78E-07	2.41E-07	3.82E-07	6.72E-08	3.80E-07	2.09E-06
1641	494861.06	3858801.99	2.84E-03	2.88E-03	2.85E-03	9.86E-07	2.98E-06	1.72E-06	1.75E-06	1.58E-06	7.22E-07	7.14E-07	3.29E-08	7.95E-07	1.75E-07	2.37E-07	3.76E-07	6.63E-08	3.75E-07	2.06E-06
1642	494911.06	3858801.99	2.79E-03	2.82E-03	2.79E-03	9.66E-07	2.92E-06	1.69E-06	1.71E-06	1.55E-06	7.07E-07	7.00E-07	3.22E-08	7.79E-07	1.72E-07	2.32E-07	3.68E-07	6.49E-08	3.67E-07	2.02E-06
1643	494961.06	3858801.99	2.74E-03	2.78E-03	2.75E-03	9.50E-07	2.87E-06	1.66E-06	1.68E-06	1.52E-06	6.96E-07	6.88E-07	3.17E-08	7.66E-07	1.69E-07	2.28E-07	3.62E-07	6.38E-08	3.61E-07	1.98E-06
1644	495011.06	3858801.99	2.69E-03	2.73E-03	2.70E-03	9.34E-07	2.82E-06	1.63E-06	1.65E-06	1.50E-06	6.84E-07	6.76E-07	3.12E-08	7.53E-07	1.66E-07	2.25E-07	3.56E-07	6.28E-08	3.55E-07	1.95E-06
1645	495061.06	3858801.99	2.66E-03	2.70E-03	2.67E-03	9.23E-07	2.79E-06	1.61E-06	1.63E-06	1.48E-06	6.76E-07	6.68E-07	3.08E-08	7.44E-07	1.64E-07	2.22E-07	3.52E-07	6.20E-08	3.51E-07	1.93E-06
1646	495111.06	3858801.99	2.61E-03	2.64E-03	2.61E-03	9.03E-07	2.73E-06	1.58E-06	1.60E-06	1.45E-06	6.61E-07	6.54E-07	3.01E-08	7.28E-07	1.61E-07	2.17E-07	3.44E-07	6.07E-08	3.43E-07	1.88E-06
1647	495161.06	3858801.99	2.56E-03	2.60E-03	2.57E-03	8.88E-07	2.68E-06	1.55E-06	1.57E-06	1.43E-06	6.50E-07	6.43E-07	2.96E-08	7.16E-07	1.58E-07	2.13E-07	3.39E-07	5.97E-08	3.37E-07	1.85E-06
1648	495211.06	3858801.99	2.54E-03	2.57E-03	2.54E-03	8.79E-07	2.65E-06	1.54E-06	1.56E-06	1.41E-06	6.44E-07	6.36E-07	2.93E-08	7.09E-07	1.56E-07	2.11E-07	3.35E-07	5.91E-08	3.34E-07	1.83E-06
1649	495261.06	3858801.99	2.52E-03	2.55E-03	2.52E-03	8.73E-07	2.64E-06	1.53E-06	1.55E-06	1.40E-06	6.40E-07	6.32E-07	2.92E-08	7.04E-07	1.55E-07	2.10E-07	3.33E-07	5.87E-08	3.32E-07	1.82E-06
1650	495311.06	3858801.99	2.51E-03	2.54E-03	2.51E-03	8.70E-07	2.63E-06	1.52E-06	1.54E-06	1.40E-06	6.37E-07	6.29E-07	2.90E-08	7.01E-07	1.55E-07	2.09E-07	3.32E-07	5.85E-08	3.30E-07	1.81E-06
1651	495361.06	3858801.99	2.49E-03	2.52E-03	2.49E-03	8.63E-07	2.61E-06	1.51E-06	1.53E-06	1.39E-06	6.32E-07	6.25E-07	2.88E-08	6.96E-07	1.54E-07	2.08E-07	3.29E-07	5.80E-08	3.28E-07	1.80E-06
1652	495411.06	3858801.99	2.49E-03	2.52E-03	2.49E-03	8.63E-07	2.61E-06	1.51E-06	1.53E-06	1.39E-06	6.32E-07	6.25E-07	2.88E-08	6.96E-07	1.54E-07	2.08E-07	3.29E-07	5.80E-08	3.28E-07	1.80E-06
1653	495461.06	3858801.99	2.47E-03	2.50E-03	2.47E-03	8.56E-07	2.59E-06	1.50E-06	1.52E-06	1.38E-06	6.28E-07	6.20E-07	2.86E-08	6.91E-07	1.52E-07	2.06E-07	3.27E-07	5.76E-08	3.25E-07	1.79E-06
1654	495511.06	3858801.99	2.45E-03	2.48E-03	2.45E-03	8.48E-07	2.56E-06	1.48E-06	1.50E-06	1.36E-06	6.21E-07	6.13E-07	2.83E-08	6.84E-07	1.51E-07	2.04E-07	3.23E-07	5.70E-08	3.22E-07	1.77E-06
1655	495561.06	3858801.99	2.43E-03	2.46E-03	2.43E-03	8.40E-07	2.54E-06	1.47E-06	1.49E-06	1.35E-06	6.16E-07	6.08E-07	2.81E-08	6.78E-07	1.50E-07	2.02E-07	3.21E-07	5.65E-08	3.19E-07	1.75E-06
1656	495611.06	3858801.99	2.40E-03	2.43E-03	2.40E-03	8.30E-07	2.51E-06	1.45E-06	1.47E-06	1.33E-06	6.08E-07	6.00E-07	2.77E-08	6.70E-07	1.48E-07	2.00E-07	3.17E-07	5.58E-08	3.15E-07	1.73E-06
1657	495661.06	3858801.99	2.38E-03	2.41E-03	2.38E-03	8.24E-07	2.49E-06	1.44E-06	1.46E-06	1.32E-06	6.04E-07	5.96E-07	2.75E-08	6.65E-07	1.47E-07	1.98E-07	3.15E-07	5.54E-08	3.13E-07	1.72E-06
1658	494311.06	3858851.99	3.23E-03	3.27E-03	3.25E-03	1.12E-06	3.38E-06	1.96E-06	1.98E-06	1.80E-06	8.20E-07	8.14E-07	3.74E-08	9.04E-07	1.99E-07	2.69E-07	4.27E-07	7.53E-08	4.27E-07	2.34E-06
1659	494361.06	3858851.99	3.33E-03	3.37E-03	3.34E-03	1.15E-06	3.48E-06	2.02E-06	2.04E-06	1.85E-06	8.45E-07	8.38E-07	3.85E-08	9.31E-07	2.05E-07	2.77E-07	4.40E-07	7.75E-08	4.40E-07	2.41E-06
1660	494411.06	3858851.99	3.31E-03	3.35E-03	3.32E-03	1.15E-06	3.46E-06	2.01E-06	2.03E-06	1.84E-06	8.40E-07	8.33E-07	3.83E-08	9.25E-07	2.04E-07	2.76E-07	4.37E-07	7.71E-08	4.37E-07	2.40E-06
1661	494461.06	3858851.99	3.30E-03	3.35E-03	3.32E-03	1.14E-06	3.46E-06	2.00E-06	2.03E-06	1.84E-06	8.38E-07	8.31E-07	3.82E-08	9.23E-07	2.04E-07	2.75E-07	4.36E-07	7.69E-08	4.36E-07	2.39E-06
1662	494511.06	3858851.99	3.28E-03	3.32E-03	3.29E-03	1.14E-06	3.43E-06	1.99E-06	2.01E-06	1.82E-06	8.33E-07	8.25E-07	3.80E-08	9.17E-07	2.02E-07	2.73E-07	4.34E-07	7.64E-08	4.33E-07	2.37E-06
1663	494561.06	3858851.99	3.25E-03	3.29E-03	3.26E-03	1.13E-06	3.40E-06	1.97E-06	2.00E-06	1.81E-06	8.26E-07	8.18E-07	3.76E-08	9.09E-07	2.01E-07	2.71E-07	4.30E-07	7.58E-08	4.29E-07	2.35E-06
1664	494611.06	3858851.99	3.21E-03	3.25E-03	3.22E-03	1.11E-06	3.36E-06	1.94E-06	1.97E-06	1.78E-06	8.14E-07	8.07E-07	3.71E-08	8.97E-07	1.98E-07	2.67E-07	4.24E-07	7.47E-08	4.23E-07	2.32E-06
1665	494661.06	3858851.99	3.15E-03	3.19E-03	3.16E-03	1.09E-06	3.30E-06	1.91E-06	1.94E-06	1.75E-06	8.00E-07	7.93E-07	3.65E-08	8.82E-07	1.95E-07	2.63E-07	4.17E-07	7.35E-08	4.16E-07	2.28E-06
1666	494711.06	3858851.99	3.08E-03	3.12E-03	3.09E-03	1.07E-06	3.22E-06	1.86E-06	1.89E-06	1.71E-06	7.81E-07	7.74E-07	3.56E-08	8.61E-07	1.90E-07	2.56E-07	4.07E-07	7.17E-08	4.06E-07	2.23E-06
1667	494761.06	3858851.99	3.01E-03	3.05E-03	3.02E-03	1.04E-06	3.15E-06	1.82E-06	1.84E-06	1.67E-06	7.63E-07	7.56E-07	3.48E-08	8.41E-07	1.85E-07	2.50E-07	3.97E-07	7.00E-08	3.97E-07	2.18E-06
1668	494811.06	3858851.99	2.95E-03	2.99E-03	2.96E-03	1.02E-06	3.08E-06	1.79E-06	1.81E-06	1.64E-06	7.48E-07	7.41E-07	3.41E-08	8.24E-07	1.82E-07	2.46E-07	3.89E-07	6.86E-08	3.89E-07	2.13E-06
1669	494861.06	3858851.99	2.91E-03	2.94E-03	2.91E-03	1.01E-06	3.04E-06	1.76E-06	1.78E-06	1.62E-06	7.38E-07	7.30E-07	3.36E-08	8.12E-07	1.79E-07	2.42E-07	3.84E-07	6.77E-08	3.83E-07	2.10E-06
1670	494911.06	3858851.99	2.85E-03	2.89E-03	2.86E-03	9.88E-07	2.98E-06	1.73E-06	1.75E-06	1.59E-06	7.24E-07	7.16E-07	3.30E-08	7.97E-07	1.76E-07	2.38E-07	3.77E-07	6.64E-08	3.76E-07	2.06E-06
1671	494961.06	3858851.99	2.80E-03	2.84E-03	2.81E-03	9.71E-07	2.93E-06	1.70E-06	1.72E-06	1.56E-06	7.11E-07	7.04E-07	3.24E-08	7.83E-07	1.73E-07	2.34E-07	3.70E-07	6.53E-08	3.70E-07	2.03E-06
1672	495011.06	3858851.99	2.76E-03	2.80E-03	2.77E-03	9.57E-07	2.89E-06	1.67E-06	1.70E-06	1.54E-06	7.01E-07	6.94E-07	3.20E-08	7.72E-07	1.70E-07	2.30E-07	3.65E-07	6.44E-08	3.64E-07	2.00E-06
1673	495061.06	3858851.99	2.72E-03	2.75E-03	2.72E-03	9.42E-07	2.84E-06	1.65E-06	1.67E-06	1.51E-06	6.90E-07	6.82E-07	3.14E-08	7.60E-07	1.68E-07	2.26E-07	3.59E-07	6.33E-08	3.58E-07	1.97E-06
1674	495111.06	3858851.99	2.64E-03	2.67E-03	2.65E-03	9.15E-07	2.76E-06	1.60E-06	1.62E-06	1.47E-06	6.70E-07	6.63E-07	3.06E-08	7.38E-07	1.63E-07	2.20E-07	3.49E-07	6.15E-08	3.48E-07	1.91E-06
1675	495161.06	3858851.99	2.60E-03	2.63E-03	2.60E-03	9.00E-07	2.72E-06	1.57E-06	1.59E-06	1.45E-06	6.59E-07	6.52E-07	3.01E-08	7.26E-07	1.60E-07	2.16E-07	3.43E-07	6.05E-08	3.42E-07	1.88E-06
1676	495211.06	3858851.99	2.59E-03	2.63E-03	2.60E-03	8.98E-07	2.71E-06	1.57E-06	1.59E-06	1.44E-06	6.58E-07	6.51E-07	3.00E-08	7.25E-07	1.60E-07	2.16E-07	3.43E-07	6.04E-08	3.42E-07	1.88E-06
1677	495261.06	3858851.99	2.58E-03	2.61E-03	2.58E-03	8.93E-07	2.70E-06	1.56E-06	1.58E-06	1.43E-06	6.54E-07	6.47E-07	2.98E-08	7.20E-07	1.59E-07	2.15E-07	3.40E-07	6.00E-08	3.39E-07	1.86E-06
1678	495311.06	3858851.99	2.57E-03	2.60E-03	2.57E-03	8.90E-07	2.69E-06	1.55E-06	1.58E-06	1.43E-06	6.52E-07	6.44E-07	2.97E-08	7.17E-07	1.58E-07	2.14E-07	3.39E-07	5.98E-08	3.38E-07	1.86E-06
1679	495361.06	3858851.99	2.55E-03	2.59E-03	2.56E-03	8.85E-07	2.67E-06	1.55E-06	1.57E-06	1.42E-06	6.48E-07	6.41E-07	2.95E-08	7.13E-07	1.57E-07	2.13E-07	3.37E-07	5.95E-08	3.36E-07	1.85E-06
1680	495411.06	3858851.99	2.54E-03	2.57E-03	2.54E-03	8.80E-07	2.66E-06	1.54E-06	1.56E-06	1.41E-06	6.44E-07	6.37E-07	2.94E-08	7.10E-07	1.57E-07	2.12E-07	3.36E-07	5.91E-08	3.34E-07	1.84E-06
1681	495461.06	3858851.99	2.53E-03	2.56E-03	2.53E-03	8.76E-07	2.64E-06	1.53E-06	1.55E-06	1.41E-06	6.42E-07	6.34E-07	2.92E-08	7.06E-07	1.56E-07	2.11E-07	3.34E-07	5.89E-08	3.33E-07	1.83E-06
1682	495511.06	3858851.99	2.51E-03	2.54E-03	2.51E-03	8.69E-07	2.62E-06	1.52E-06	1.54E-06	1.40E-06	6.37E-07	6.29E-07	2.90E-08	7.01E-07	1.55E-07	2.09E-07	3.32E-07	5.84E-08	3.30E-07	1.81E-06
1683	495561.06	3858851.99	2.47E-03	2.50E-03	2.47E-03	8.56E-07	2.58E-06	1.50E-06	1.52E-06	1.37E-06	6.27E-07	6.19E-07	2.86E-08	6.90E-07	1.52E-07	2.06E-07	3.26E-07	5.75E-08	3.25E-07	1.79E-06
1684	495611.06	3858851.99	2.44E-03	2.47E-03	2.44E-03	8.45E-07	2.55E-06	1.48E-06	1.50E-06	1.36E-06	6.19E-07	6.11E-07	2.82E-08	6.81E-07	1.50E-07	2.03E-07	3.22E-07	5.68E-08	3.21E-07	1.76E-06
1685	495661.06	3858851.99	2.43E-03	2.46E-03	2.43E-03	8.41E-07	2.54E-06	1.47E-06	1.49E-06	1.35E-06	6.16E-07	6.08E-07	2.81E-08	6.78E-07	1.50E-07	2.02E-07	3.21E-07	5.65E-08	3.19E-07	1.75E-06
1686	494311.06	3858901.99	3.34E-03	3.38E-03	3.36E-03	1.16E-06	3.50E-06	2.02E-06	2.05E-06	1.86E-06	8.48E-07	8.42E-07	3.87E-08	9.34E-07	2.06E-07	2.78E-07	4.41E-07	7.78E-08	4.42E-07	2.42E-06
1687	494361.06	3858901.99	3.41E-03	3.45E-03	3.43E-03	1.18E-06	3.57E-06	2.07E-06	2.09E-06	1.90E-06	8.65E-07	8.59E-07	3.95E-08	9.54E-07	2.10E-07	2.84E-07	4.51E-07	7.94E-08	4.51E-07	2.47E-06
1688	494411.06	3858901.99	3.41E-03	3.45E-03	3.42E-03	1.18E-06	3.56E-06	2.06E-06	2.09E-06	1.89E-06	8.64E-07	8.58E-07	3.94E-08	9.52E-07	2.10E-07	2.84E-07	4.50E-07	7.93E-08	4.50E-07	2.46E-06
1689	494461.06	3858901.99	3.39E-03	3.44E-03	3.41E-03	1.18E-06	3.55E-06	2.06E-06	2.08E-06	1.89E-06	8.61E-07	8.54E-07	3.93E-08	9.49E-07	2.09E-07	2.83E-07	4.48E-07	7.90E-08	4.48E-07	2.46E-06

1690	494511.06	3858901.99	3.38E-03	3.42E-03	3.39E-03	1.17E-06	3.54E-06	2.05E-06	2.07E-06	1.88E-06	8.57E-07	8.51E-07	3.91E-08	9.45E-07	2.08E-07	2.81E-07	4.46E-07	7.87E-08	4.46E-07	2.44E-06
1691	494561.06	3858901.99	3.33E-03	3.37E-03	3.35E-03	1.15E-06	3.49E-06	2.02E-06	2.04E-06	1.85E-06	8.45E-07	8.38E-07	3.85E-08	9.31E-07	2.05E-07	2.77E-07	4.40E-07	7.75E-08	4.40E-07	2.41E-06
1692	494611.06	3858901.99	3.25E-03	3.30E-03	3.27E-03	1.13E-06	3.40E-06	1.97E-06	2.00E-06	1.81E-06	8.26E-07	8.19E-07	3.77E-08	9.10E-07	2.01E-07	2.71E-07	4.30E-07	7.58E-08	4.30E-07	2.35E-06
1693	494661.06	3858901.99	3.21E-03	3.25E-03	3.22E-03	1.11E-06	3.36E-06	1.94E-06	1.97E-06	1.78E-06	8.14E-07	8.07E-07	3.71E-08	8.97E-07	1.98E-07	2.67E-07	4.24E-07	7.47E-08	4.24E-07	2.32E-06
1694	494711.06	3858901.99	3.14E-03	3.18E-03	3.15E-03	1.09E-06	3.28E-06	1.90E-06	1.93E-06	1.75E-06	7.97E-07	7.90E-07	3.63E-08	8.77E-07	1.94E-07	2.61E-07	4.15E-07	7.31E-08	4.14E-07	2.27E-06
1695	494761.06	3858901.99	3.06E-03	3.10E-03	3.07E-03	1.06E-06	3.20E-06	1.85E-06	1.88E-06	1.70E-06	7.76E-07	7.69E-07	3.54E-08	8.55E-07	1.89E-07	2.55E-07	4.04E-07	7.12E-08	4.04E-07	2.21E-06
1696	494811.06	3858901.99	3.01E-03	3.05E-03	3.02E-03	1.04E-06	3.15E-06	1.82E-06	1.85E-06	1.67E-06	7.63E-07	7.57E-07	3.48E-08	8.41E-07	1.86E-07	2.51E-07	3.98E-07	7.01E-08	3.97E-07	2.18E-06
1697	494861.06	3858901.99	2.97E-03	3.01E-03	2.98E-03	1.03E-06	3.11E-06	1.80E-06	1.82E-06	1.65E-06	7.54E-07	7.47E-07	3.44E-08	8.30E-07	1.83E-07	2.47E-07	3.92E-07	6.92E-08	3.92E-07	2.15E-06
1698	494911.06	3858901.99	2.89E-03	2.93E-03	2.90E-03	1.00E-06	3.03E-06	1.75E-06	1.78E-06	1.61E-06	7.34E-07	7.27E-07	3.35E-08	8.09E-07	1.78E-07	2.41E-07	3.82E-07	6.74E-08	3.82E-07	2.09E-06
1699	494961.06	3858901.99	2.85E-03	2.89E-03	2.86E-03	9.88E-07	2.98E-06	1.73E-06	1.75E-06	1.58E-06	7.23E-07	7.16E-07	3.30E-08	7.97E-07	1.76E-07	2.37E-07	3.77E-07	6.64E-08	3.76E-07	2.06E-06
1700	495011.06	3858901.99	2.81E-03	2.84E-03	2.82E-03	9.72E-07	2.94E-06	1.70E-06	1.72E-06	1.56E-06	7.12E-07	7.05E-07	3.25E-08	7.84E-07	1.73E-07	2.34E-07	3.71E-07	6.53E-08	3.70E-07	2.03E-06
1701	495061.06	3858901.99	2.75E-03	2.78E-03	2.76E-03	9.52E-07	2.87E-06	1.66E-06	1.69E-06	1.53E-06	6.97E-07	6.91E-07	3.18E-08	7.68E-07	1.69E-07	2.29E-07	3.63E-07	6.40E-08	3.62E-07	1.99E-06
1702	495111.06	3858901.99	2.67E-03	2.70E-03	2.68E-03	9.25E-07	2.79E-06	1.62E-06	1.64E-06	1.48E-06	6.77E-07	6.71E-07	3.09E-08	7.46E-07	1.65E-07	2.22E-07	3.53E-07	6.21E-08	3.52E-07	1.93E-06
1703	495161.06	3858901.99	2.64E-03	2.67E-03	2.65E-03	9.15E-07	2.76E-06	1.60E-06	1.62E-06	1.47E-06	6.70E-07	6.64E-07	3.06E-08	7.38E-07	1.63E-07	2.20E-07	3.49E-07	6.15E-08	3.48E-07	1.91E-06
1704	495211.06	3858901.99	2.65E-03	2.68E-03	2.65E-03	9.17E-07	2.77E-06	1.60E-06	1.62E-06	1.47E-06	6.72E-07	6.65E-07	3.06E-08	7.40E-07	1.63E-07	2.20E-07	3.50E-07	6.16E-08	3.49E-07	1.91E-06
1705	495261.06	3858901.99	2.63E-03	2.67E-03	2.64E-03	9.13E-07	2.76E-06	1.60E-06	1.62E-06	1.47E-06	6.69E-07	6.62E-07	3.05E-08	7.36E-07	1.62E-07	2.19E-07	3.48E-07	6.14E-08	3.47E-07	1.91E-06
1706	495311.06	3858901.99	2.62E-03	2.65E-03	2.62E-03	9.07E-07	2.74E-06	1.59E-06	1.61E-06	1.46E-06	6.64E-07	6.57E-07	3.03E-08	7.32E-07	1.61E-07	2.18E-07	3.46E-07	6.10E-08	3.45E-07	1.89E-06
1707	495361.06	3858901.99	2.60E-03	2.64E-03	2.61E-03	9.02E-07	2.72E-06	1.58E-06	1.60E-06	1.45E-06	6.60E-07	6.53E-07	3.01E-08	7.27E-07	1.60E-07	2.17E-07	3.44E-07	6.06E-08	3.43E-07	1.88E-06
1708	495411.06	3858901.99	2.60E-03	2.63E-03	2.60E-03	9.00E-07	2.72E-06	1.57E-06	1.59E-06	1.44E-06	6.59E-07	6.52E-07	3.00E-08	7.26E-07	1.60E-07	2.16E-07	3.43E-07	6.05E-08	3.42E-07	1.88E-06
1709	495461.06	3858901.99	2.57E-03	2.61E-03	2.58E-03	8.92E-07	2.69E-06	1.56E-06	1.58E-06	1.43E-06	6.54E-07	6.46E-07	2.98E-08	7.20E-07	1.59E-07	2.15E-07	3.40E-07	6.00E-08	3.39E-07	1.86E-06
1710	495511.06	3858901.99	2.55E-03	2.58E-03	2.55E-03	8.82E-07	2.66E-06	1.54E-06	1.56E-06	1.42E-06	6.46E-07	6.39E-07	2.95E-08	7.11E-07	1.57E-07	2.12E-07	3.36E-07	5.93E-08	3.35E-07	1.84E-06
1711	495561.06	3858901.99	2.52E-03	2.55E-03	2.52E-03	8.73E-07	2.64E-06	1.53E-06	1.55E-06	1.40E-06	6.40E-07	6.33E-07	2.92E-08	7.04E-07	1.55E-07	2.10E-07	3.33E-07	5.87E-08	3.32E-07	1.82E-06
1712	495611.06	3858901.99	2.49E-03	2.52E-03	2.49E-03	8.62E-07	2.60E-06	1.51E-06	1.53E-06	1.38E-06	6.32E-07	6.24E-07	2.88E-08	6.96E-07	1.53E-07	2.07E-07	3.29E-07	5.80E-08	3.28E-07	1.80E-06
1713	495661.06	3858901.99	2.48E-03	2.51E-03	2.48E-03	8.59E-07	2.59E-06	1.50E-06	1.52E-06	1.38E-06	6.29E-07	6.22E-07	2.87E-08	6.93E-07	1.53E-07	2.07E-07	3.28E-07	5.78E-08	3.26E-07	1.79E-06
1714	494311.06	3858951.99	3.50E-03	3.54E-03	3.52E-03	1.21E-06	3.66E-06	2.12E-06	2.15E-06	1.94E-06	8.87E-07	8.82E-07	4.05E-08	9.78E-07	2.16E-07	2.91E-07	4.62E-07	8.14E-08	4.63E-07	2.53E-06
1715	494361.06	3858951.99	3.52E-03	3.56E-03	3.54E-03	1.22E-06	3.68E-06	2.13E-06	2.16E-06	1.96E-06	8.92E-07	8.87E-07	4.07E-08	9.84E-07	2.17E-07	2.93E-07	4.65E-07	8.19E-08	4.66E-07	2.55E-06
1716	494411.06	3858951.99	3.48E-03	3.52E-03	3.50E-03	1.21E-06	3.64E-06	2.11E-06	2.13E-06	1.93E-06	8.83E-07	8.77E-07	4.03E-08	9.73E-07	2.15E-07	2.90E-07	4.60E-07	8.10E-08	4.60E-07	2.52E-06
1717	494461.06	3858951.99	3.47E-03	3.51E-03	3.49E-03	1.20E-06	3.63E-06	2.10E-06	2.13E-06	1.93E-06	8.80E-07	8.75E-07	4.02E-08	9.70E-07	2.14E-07	2.89E-07	4.58E-07	8.08E-08	4.59E-07	2.51E-06
1718	494511.06	3858951.99	3.44E-03	3.48E-03	3.46E-03	1.19E-06	3.60E-06	2.09E-06	2.11E-06	1.91E-06	8.73E-07	8.67E-07	3.98E-08	9.62E-07	2.12E-07	2.87E-07	4.55E-07	8.01E-08	4.55E-07	2.49E-06
1719	494561.06	3858951.99	3.39E-03	3.44E-03	3.41E-03	1.18E-06	3.55E-06	2.06E-06	2.08E-06	1.89E-06	8.61E-07	8.55E-07	3.93E-08	9.49E-07	2.09E-07	2.83E-07	4.48E-07	7.90E-08	4.49E-07	2.46E-06
1720	494611.06	3858951.99	3.33E-03	3.37E-03	3.35E-03	1.15E-06	3.48E-06	2.02E-06	2.04E-06	1.85E-06	8.44E-07	8.38E-07	3.85E-08	9.30E-07	2.05E-07	2.77E-07	4.40E-07	7.75E-08	4.40E-07	2.41E-06
1721	494661.06	3858951.99	3.27E-03	3.31E-03	3.28E-03	1.13E-06	3.42E-06	1.98E-06	2.00E-06	1.82E-06	8.28E-07	8.22E-07	3.78E-08	9.13E-07	2.01E-07	2.72E-07	4.31E-07	7.60E-08	4.32E-07	2.36E-06
1722	494711.06	3858951.99	3.18E-03	3.22E-03	3.20E-03	1.10E-06	3.33E-06	1.93E-06	1.95E-06	1.77E-06	8.07E-07	8.01E-07	3.68E-08	8.89E-07	1.96E-07	2.65E-07	4.20E-07	7.41E-08	4.20E-07	2.30E-06
1723	494761.06	3858951.99	3.12E-03	3.16E-03	3.13E-03	1.08E-06	3.26E-06	1.89E-06	1.91E-06	1.73E-06	7.91E-07	7.85E-07	3.61E-08	8.72E-07	1.92E-07	2.60E-07	4.12E-07	7.26E-08	4.12E-07	2.26E-06
1724	494811.06	3858951.99	3.08E-03	3.11E-03	3.09E-03	1.07E-06	3.22E-06	1.86E-06	1.89E-06	1.71E-06	7.80E-07	7.74E-07	3.56E-08	8.60E-07	1.90E-07	2.56E-07	4.06E-07	7.16E-08	4.06E-07	2.22E-06
1725	494861.06	3858951.99	3.03E-03	3.07E-03	3.04E-03	1.05E-06	3.17E-06	1.84E-06	1.86E-06	1.68E-06	7.69E-07	7.63E-07	3.51E-08	8.47E-07	1.87E-07	2.52E-07	4.00E-07	7.06E-08	4.00E-07	2.19E-06
1726	494911.06	3858951.99	2.97E-03	3.01E-03	2.98E-03	1.03E-06	3.11E-06	1.80E-06	1.82E-06	1.65E-06	7.53E-07	7.47E-07	3.43E-08	8.30E-07	1.83E-07	2.47E-07	3.92E-07	6.91E-08	3.92E-07	2.15E-06
1727	494961.06	3858951.99	2.93E-03	2.97E-03	2.95E-03	1.02E-06	3.07E-06	1.78E-06	1.80E-06	1.63E-06	7.44E-07	7.38E-07	3.40E-08	8.20E-07	1.81E-07	2.44E-07	3.88E-07	6.83E-08	3.87E-07	2.12E-06
1728	495011.06	3858951.99	2.84E-03	2.88E-03	2.86E-03	9.86E-07	2.98E-06	1.72E-06	1.74E-06	1.58E-06	7.22E-07	7.15E-07	3.29E-08	7.95E-07	1.75E-07	2.37E-07	3.76E-07	6.62E-08	3.75E-07	2.06E-06
1729	495061.06	3858951.99	2.76E-03	2.80E-03	2.77E-03	9.57E-07	2.89E-06	1.67E-06	1.69E-06	1.53E-06	7.00E-07	6.94E-07	3.19E-08	7.72E-07	1.70E-07	2.30E-07	3.65E-07	6.43E-08	3.64E-07	2.00E-06
1730	495111.06	3858951.99	2.70E-03	2.73E-03	2.71E-03	9.35E-07	2.82E-06	1.63E-06	1.65E-06	1.50E-06	6.84E-07	6.78E-07	3.12E-08	7.54E-07	1.66E-07	2.25E-07	3.56E-07	6.28E-08	3.56E-07	1.95E-06
1731	495161.06	3858951.99	2.71E-03	2.75E-03	2.72E-03	9.40E-07	2.84E-06	1.64E-06	1.66E-06	1.51E-06	6.89E-07	6.82E-07	3.14E-08	7.58E-07	1.67E-07	2.26E-07	3.59E-07	6.32E-08	3.58E-07	1.96E-06
1732	495211.06	3858951.99	2.70E-03	2.74E-03	2.71E-03	9.37E-07	2.83E-06	1.64E-06	1.66E-06	1.50E-06	6.86E-07	6.80E-07	3.13E-08	7.56E-07	1.67E-07	2.25E-07	3.57E-07	6.29E-08	3.57E-07	1.96E-06
1733	495261.06	3858951.99	2.69E-03	2.73E-03	2.70E-03	9.33E-07	2.82E-06	1.63E-06	1.65E-06	1.50E-06	6.83E-07	6.77E-07	3.12E-08	7.52E-07	1.66E-07	2.24E-07	3.56E-07	6.27E-08	3.55E-07	1.95E-06
1734	495311.06	3858951.99	2.66E-03	2.69E-03	2.67E-03	9.21E-07	2.78E-06	1.61E-06	1.63E-06	1.48E-06	6.74E-07	6.68E-07	3.08E-08	7.43E-07	1.64E-07	2.21E-07	3.51E-07	6.19E-08	3.51E-07	1.92E-06
1735	495361.06	3858951.99	2.65E-03	2.68E-03	2.66E-03	9.18E-07	2.77E-06	1.60E-06	1.63E-06	1.47E-06	6.72E-07	6.66E-07	3.07E-08	7.41E-07	1.63E-07	2.21E-07	3.50E-07	6.17E-08	3.49E-07	1.92E-06
1736	495411.06	3858951.99	2.65E-03	2.68E-03	2.65E-03	9.17E-07	2.77E-06	1.60E-06	1.62E-06	1.47E-06	6.72E-07	6.65E-07	3.06E-08	7.40E-07	1.63E-07	2.20E-07	3.50E-07	6.16E-08	3.49E-07	1.91E-06
1737	495461.06	3858951.99	2.63E-03	2.66E-03	2.63E-03	9.11E-07	2.75E-06	1.59E-06	1.61E-06	1.46E-06	6.67E-07	6.60E-07	3.04E-08	7.35E-07	1.62E-07	2.19E-07	3.47E-07	6.12E-08	3.46E-07	1.90E-06
1738	495511.06	3858951.99	2.62E-03	2.65E-03	2.62E-03	9.07E-07	2.74E-06	1.59E-06	1.61E-06	1.46E-06	6.65E-07	6.58E-07	3.03E-08	7.32E-07	1.62E-07	2.18E-07	3.46E-07	6.10E-08	3.45E-07	1.89E-06
1739	495561.06	3858951.99	2.57E-03	2.61E-03	2.58E-03	8.91E-07	2.69E-06	1.56E-06	1.58E-06	1.43E-06	6.53E-07	6.46E-07	2.98E-08	7.19E-07	1.59E-07	2.14E-07	3.40E-07	5.99E-08	3.39E-07	1.86E-06
1740	495611.06	3858951.99	2.54E-03	2.58E-03	2.55E-03	8.81E-07	2.66E-06	1.54E-06	1.56E-06	1.41E-06	6.45E-07	6.38E-07	2.94E-08	7.11E-07	1.57E-07	2.12E-07	3.36E-07	5.92E-08	3.35E-07	1.84E-06
1741	495661.06	3858951.99	2.53E-03	2.57E-03	2.54E-03	8.78E-07	2.65E-06	1.54E-06	1.56E-06	1.41E-06	6.43E-07	6.36E-07	2.93E-08	7.08E-07	1.56E-07	2.11E-07	3.35E-07	5.90E-08	3.34E-07	1.83E-06
1742	494311.06	3859001.99	3.62E-03	3.66E-03	3.64E-03	1.25E-06	3.78E-06	2.19E-06	2.22E-06	2.01E-06	9.17E-07	9.13E-07	4.19E-08	1.01E-06	2.23E-07	3.01E-07	4.78E-07	8.42E-08	4.79E-07	2.62E-06

1743	494361.06	3859001.99	3.60E-03	3.64E-03	3.62E-03	1.25E-06	3.77E-06	2.18E-06	2.21E-06	2.00E-06	9.12E-07	9.08E-07	4.16E-08	1.01E-06	2.22E-07	2.99E-07	4.75E-07	8.37E-08	4.76E-07	2.60E-06
1744	494411.06	3859001.99	3.57E-03	3.62E-03	3.60E-03	1.24E-06	3.74E-06	2.16E-06	2.19E-06	1.99E-06	9.06E-07	9.02E-07	4.14E-08	9.99E-07	2.20E-07	2.97E-07	4.72E-07	8.32E-08	4.73E-07	2.59E-06
1745	494461.06	3859001.99	3.55E-03	3.59E-03	3.57E-03	1.23E-06	3.71E-06	2.15E-06	2.17E-06	1.97E-06	8.99E-07	8.94E-07	4.10E-08	9.91E-07	2.19E-07	2.95E-07	4.68E-07	8.25E-08	4.69E-07	2.57E-06
1746	494511.06	3859001.99	3.52E-03	3.56E-03	3.54E-03	1.22E-06	3.68E-06	2.13E-06	2.16E-06	1.95E-06	8.92E-07	8.87E-07	4.07E-08	9.83E-07	2.17E-07	2.93E-07	4.64E-07	8.18E-08	4.65E-07	2.54E-06
1747	494561.06	3859001.99	3.45E-03	3.49E-03	3.47E-03	1.20E-06	3.61E-06	2.09E-06	2.12E-06	1.92E-06	8.75E-07	8.70E-07	3.99E-08	9.64E-07	2.13E-07	2.87E-07	4.56E-07	8.03E-08	4.57E-07	2.50E-06
1748	494611.06	3859001.99	3.39E-03	3.43E-03	3.41E-03	1.17E-06	3.55E-06	2.05E-06	2.08E-06	1.88E-06	8.60E-07	8.54E-07	3.92E-08	9.47E-07	2.09E-07	2.82E-07	4.48E-07	7.89E-08	4.48E-07	2.45E-06
1749	494661.06	3859001.99	3.32E-03	3.36E-03	3.34E-03	1.15E-06	3.47E-06	2.01E-06	2.03E-06	1.84E-06	8.41E-07	8.36E-07	3.84E-08	9.27E-07	2.05E-07	2.76E-07	4.38E-07	7.72E-08	4.39E-07	2.40E-06
1750	494711.06	3859001.99	3.23E-03	3.27E-03	3.25E-03	1.12E-06	3.38E-06	1.96E-06	1.98E-06	1.80E-06	8.20E-07	8.14E-07	3.74E-08	9.03E-07	1.99E-07	2.69E-07	4.27E-07	7.52E-08	4.27E-07	2.34E-06
1751	494761.06	3859001.99	3.18E-03	3.22E-03	3.20E-03	1.10E-06	3.33E-06	1.93E-06	1.95E-06	1.77E-06	8.06E-07	8.01E-07	3.68E-08	8.89E-07	1.96E-07	2.65E-07	4.20E-07	7.40E-08	4.20E-07	2.30E-06
1752	494811.06	3859001.99	3.15E-03	3.18E-03	3.16E-03	1.09E-06	3.29E-06	1.91E-06	1.93E-06	1.75E-06	7.98E-07	7.92E-07	3.64E-08	8.79E-07	1.94E-07	2.62E-07	4.15E-07	7.32E-08	4.16E-07	2.28E-06
1753	494861.06	3859001.99	3.09E-03	3.13E-03	3.10E-03	1.07E-06	3.23E-06	1.87E-06	1.89E-06	1.72E-06	7.84E-07	7.78E-07	3.57E-08	8.64E-07	1.91E-07	2.57E-07	4.08E-07	7.19E-08	4.08E-07	2.24E-06
1754	494911.06	3859001.99	3.03E-03	3.07E-03	3.05E-03	1.05E-06	3.17E-06	1.84E-06	1.86E-06	1.68E-06	7.69E-07	7.63E-07	3.51E-08	8.47E-07	1.87E-07	2.52E-07	4.00E-07	7.06E-08	4.01E-07	2.19E-06
1755	494961.06	3859001.99	2.97E-03	3.01E-03	2.99E-03	1.03E-06	3.11E-06	1.80E-06	1.82E-06	1.65E-06	7.54E-07	7.48E-07	3.44E-08	8.31E-07	1.83E-07	2.47E-07	3.93E-07	6.92E-08	3.93E-07	2.15E-06
1756	495011.06	3859001.99	2.83E-03	2.87E-03	2.84E-03	9.81E-07	2.96E-06	1.71E-06	1.74E-06	1.57E-06	7.18E-07	7.13E-07	3.28E-08	7.91E-07	1.75E-07	2.36E-07	3.74E-07	6.59E-08	3.74E-07	2.05E-06
1757	495061.06	3859001.99	2.80E-03	2.83E-03	2.81E-03	9.69E-07	2.93E-06	1.69E-06	1.72E-06	1.56E-06	7.10E-07	7.04E-07	3.24E-08	7.82E-07	1.73E-07	2.33E-07	3.70E-07	6.51E-08	3.70E-07	2.02E-06
1758	495111.06	3859001.99	2.74E-03	2.77E-03	2.75E-03	9.48E-07	2.86E-06	1.66E-06	1.68E-06	1.52E-06	6.94E-07	6.89E-07	3.17E-08	7.65E-07	1.69E-07	2.28E-07	3.61E-07	6.37E-08	3.61E-07	1.98E-06
1759	495161.06	3859001.99	2.77E-03	2.80E-03	2.78E-03	9.60E-07	2.90E-06	1.68E-06	1.70E-06	1.54E-06	7.03E-07	6.97E-07	3.21E-08	7.74E-07	1.71E-07	2.31E-07	3.66E-07	6.45E-08	3.66E-07	2.00E-06
1760	495211.06	3859001.99	2.75E-03	2.79E-03	2.76E-03	9.53E-07	2.88E-06	1.67E-06	1.69E-06	1.53E-06	6.98E-07	6.92E-07	3.18E-08	7.69E-07	1.70E-07	2.29E-07	3.63E-07	6.41E-08	3.63E-07	1.99E-06
1761	495261.06	3859001.99	2.74E-03	2.78E-03	2.75E-03	9.50E-07	2.87E-06	1.66E-06	1.68E-06	1.53E-06	6.96E-07	6.90E-07	3.17E-08	7.67E-07	1.69E-07	2.28E-07	3.62E-07	6.39E-08	3.62E-07	1.98E-06
1762	495311.06	3859001.99	2.72E-03	2.76E-03	2.73E-03	9.43E-07	2.85E-06	1.65E-06	1.67E-06	1.51E-06	6.91E-07	6.84E-07	3.15E-08	7.61E-07	1.68E-07	2.27E-07	3.60E-07	6.34E-08	3.59E-07	1.97E-06
1763	495361.06	3859001.99	2.71E-03	2.75E-03	2.72E-03	9.40E-07	2.84E-06	1.64E-06	1.66E-06	1.51E-06	6.88E-07	6.82E-07	3.14E-08	7.58E-07	1.67E-07	2.26E-07	3.58E-07	6.32E-08	3.58E-07	1.96E-06
1764	495411.06	3859001.99	2.70E-03	2.73E-03	2.71E-03	9.35E-07	2.82E-06	1.63E-06	1.65E-06	1.50E-06	6.84E-07	6.78E-07	3.12E-08	7.54E-07	1.66E-07	2.25E-07	3.56E-07	6.28E-08	3.56E-07	1.95E-06
1765	495461.06	3859001.99	2.68E-03	2.72E-03	2.69E-03	9.30E-07	2.81E-06	1.63E-06	1.65E-06	1.49E-06	6.81E-07	6.75E-07	3.11E-08	7.50E-07	1.66E-07	2.24E-07	3.55E-07	6.25E-08	3.54E-07	1.94E-06
1766	495511.06	3859001.99	2.65E-03	2.68E-03	2.65E-03	9.17E-07	2.77E-06	1.60E-06	1.62E-06	1.47E-06	6.72E-07	6.65E-07	3.06E-08	7.40E-07	1.63E-07	2.20E-07	3.50E-07	6.16E-08	3.49E-07	1.91E-06
1767	495561.06	3859001.99	2.62E-03	2.66E-03	2.63E-03	9.09E-07	2.74E-06	1.59E-06	1.61E-06	1.46E-06	6.65E-07	6.59E-07	3.03E-08	7.33E-07	1.62E-07	2.18E-07	3.47E-07	6.11E-08	3.46E-07	1.90E-06
1768	495611.06	3859001.99	2.60E-03	2.63E-03	2.60E-03	8.99E-07	2.72E-06	1.57E-06	1.59E-06	1.44E-06	6.59E-07	6.52E-07	3.00E-08	7.26E-07	1.60E-07	2.16E-07	3.43E-07	6.05E-08	3.42E-07	1.88E-06
1769	495661.06	3859001.99	2.60E-03	2.64E-03	2.61E-03	9.02E-07	2.72E-06	1.58E-06	1.60E-06	1.45E-06	6.60E-07	6.53E-07	3.01E-08	7.27E-07	1.60E-07	2.17E-07	3.44E-07	6.06E-08	3.43E-07	1.88E-06
1770	494311.06	3859051.99	3.71E-03	3.75E-03	3.74E-03	1.29E-06	3.88E-06	2.25E-06	2.27E-06	2.06E-06	9.41E-07	9.37E-07	4.29E-08	1.04E-06	2.29E-07	3.09E-07	4.90E-07	8.63E-08	4.92E-07	2.69E-06
1771	494361.06	3859051.99	3.69E-03	3.74E-03	3.73E-03	1.28E-06	3.87E-06	2.24E-06	2.26E-06	2.05E-06	9.37E-07	9.33E-07	4.28E-08	1.03E-06	2.28E-07	3.07E-07	4.88E-07	8.60E-08	4.90E-07	2.67E-06
1772	494411.06	3859051.99	3.66E-03	3.70E-03	3.68E-03	1.27E-06	3.82E-06	2.21E-06	2.24E-06	2.03E-06	9.27E-07	9.23E-07	4.23E-08	1.02E-06	2.25E-07	3.04E-07	4.83E-07	8.50E-08	4.84E-07	2.65E-06
1773	494461.06	3859051.99	3.61E-03	3.65E-03	3.64E-03	1.25E-06	3.78E-06	2.19E-06	2.21E-06	2.01E-06	9.15E-07	9.11E-07	4.18E-08	1.01E-06	2.23E-07	3.00E-07	4.76E-07	8.40E-08	4.78E-07	2.61E-06
1774	494511.06	3859051.99	3.55E-03	3.59E-03	3.58E-03	1.23E-06	3.72E-06	2.15E-06	2.18E-06	1.97E-06	9.01E-07	8.97E-07	4.11E-08	9.93E-07	2.19E-07	2.96E-07	4.69E-07	8.27E-08	4.71E-07	2.57E-06
1775	494561.06	3859051.99	3.50E-03	3.55E-03	3.53E-03	1.21E-06	3.67E-06	2.12E-06	2.15E-06	1.95E-06	8.88E-07	8.84E-07	4.05E-08	9.79E-07	2.16E-07	2.92E-07	4.63E-07	8.15E-08	4.64E-07	2.54E-06
1776	494611.06	3859051.99	3.44E-03	3.48E-03	3.46E-03	1.19E-06	3.60E-06	2.08E-06	2.11E-06	1.91E-06	8.72E-07	8.68E-07	3.98E-08	9.61E-07	2.12E-07	2.86E-07	4.54E-07	8.00E-08	4.55E-07	2.49E-06
1777	494661.06	3859051.99	3.37E-03	3.41E-03	3.39E-03	1.17E-06	3.53E-06	2.04E-06	2.07E-06	1.87E-06	8.55E-07	8.50E-07	3.90E-08	9.42E-07	2.08E-07	2.81E-07	4.45E-07	7.85E-08	4.46E-07	2.44E-06
1778	494711.06	3859051.99	3.31E-03	3.35E-03	3.33E-03	1.15E-06	3.46E-06	2.00E-06	2.03E-06	1.84E-06	8.39E-07	8.34E-07	3.83E-08	9.25E-07	2.04E-07	2.75E-07	4.37E-07	7.70E-08	4.38E-07	2.39E-06
1779	494761.06	3859051.99	3.24E-03	3.28E-03	3.26E-03	1.12E-06	3.39E-06	1.96E-06	1.99E-06	1.80E-06	8.23E-07	8.18E-07	3.75E-08	9.07E-07	2.00E-07	2.70E-07	4.28E-07	7.55E-08	4.29E-07	2.35E-06
1780	494811.06	3859051.99	3.20E-03	3.24E-03	3.22E-03	1.11E-06	3.34E-06	1.94E-06	1.96E-06	1.78E-06	8.11E-07	8.06E-07	3.70E-08	8.93E-07	1.97E-07	2.66E-07	4.22E-07	7.44E-08	4.23E-07	2.31E-06
1781	494861.06	3859051.99	3.15E-03	3.19E-03	3.17E-03	1.09E-06	3.29E-06	1.91E-06	1.93E-06	1.75E-06	7.98E-07	7.93E-07	3.64E-08	8.80E-07	1.94E-07	2.62E-07	4.16E-07	7.32E-08	4.16E-07	2.28E-06
1782	494911.06	3859051.99	3.08E-03	3.11E-03	3.09E-03	1.07E-06	3.22E-06	1.86E-06	1.89E-06	1.71E-06	7.80E-07	7.75E-07	3.56E-08	8.60E-07	1.90E-07	2.56E-07	4.06E-07	7.16E-08	4.07E-07	2.23E-06
1783	494961.06	3859051.99	2.98E-03	3.01E-03	2.99E-03	1.03E-06	3.12E-06	1.80E-06	1.83E-06	1.66E-06	7.55E-07	7.50E-07	3.45E-08	8.32E-07	1.84E-07	2.48E-07	3.93E-07	6.93E-08	3.94E-07	2.15E-06
1784	495011.06	3859051.99	2.90E-03	2.94E-03	2.92E-03	1.01E-06	3.04E-06	1.76E-06	1.78E-06	1.61E-06	7.36E-07	7.31E-07	3.36E-08	8.11E-07	1.79E-07	2.42E-07	3.83E-07	6.76E-08	3.84E-07	2.10E-06
1785	495061.06	3859051.99	2.85E-03	2.89E-03	2.87E-03	9.88E-07	2.98E-06	1.73E-06	1.75E-06	1.59E-06	7.23E-07	7.18E-07	3.30E-08	7.97E-07	1.76E-07	2.37E-07	3.77E-07	6.64E-08	3.77E-07	2.06E-06
1786	495111.06	3859051.99	2.82E-03	2.86E-03	2.84E-03	9.78E-07	2.95E-06	1.71E-06	1.73E-06	1.57E-06	7.16E-07	7.11E-07	3.27E-08	7.89E-07	1.74E-07	2.35E-07	3.73E-07	6.57E-08	3.73E-07	2.04E-06
1787	495161.06	3859051.99	2.83E-03	2.87E-03	2.85E-03	9.82E-07	2.97E-06	1.72E-06	1.74E-06	1.58E-06	7.19E-07	7.14E-07	3.28E-08	7.92E-07	1.75E-07	2.36E-07	3.74E-07	6.60E-08	3.74E-07	2.05E-06
1788	495211.06	3859051.99	2.80E-03	2.83E-03	2.81E-03	9.70E-07	2.93E-06	1.70E-06	1.72E-06	1.56E-06	7.10E-07	7.05E-07	3.24E-08	7.82E-07	1.73E-07	2.33E-07	3.70E-07	6.52E-08	3.70E-07	2.03E-06
1789	495261.06	3859051.99	2.80E-03	2.84E-03	2.81E-03	9.70E-07	2.93E-06	1.70E-06	1.72E-06	1.56E-06	7.10E-07	7.05E-07	3.24E-08	7.83E-07	1.73E-07	2.33E-07	3.70E-07	6.52E-08	3.70E-07	2.03E-06
1790	495311.06	3859051.99	2.77E-03	2.81E-03	2.79E-03	9.62E-07	2.90E-06	1.68E-06	1.70E-06	1.54E-06	7.04E-07	6.98E-07	3.21E-08	7.76E-07	1.71E-07	2.31E-07	3.67E-07	6.46E-08	3.67E-07	2.01E-06
1791	495361.06	3859051.99	2.76E-03	2.80E-03	2.77E-03	9.57E-07	2.89E-06	1.67E-06	1.69E-06	1.54E-06	7.01E-07	6.95E-07	3.19E-08	7.72E-07	1.70E-07	2.30E-07	3.65E-07	6.43E-08	3.65E-07	2.00E-06
1792	495411.06	3859051.99	2.75E-03	2.79E-03	2.77E-03	9.54E-07	2.88E-06	1.67E-06	1.69E-06	1.53E-06	6.99E-07	6.93E-07	3.19E-08	7.70E-07	1.70E-07	2.29E-07	3.64E-07	6.41E-08	3.64E-07	1.99E-06
1793	495461.06	3859051.99	2.75E-03	2.78E-03	2.76E-03	9.52E-07	2.87E-06	1.66E-06	1.68E-06	1.53E-06	6.97E-07	6.91E-07	3.18E-08	7.68E-07	1.69E-07	2.29E-07	3.63E-07	6.40E-08	3.63E-07	1.99E-06
1794	495511.06	3859051.99	2.71E-03	2.74E-03	2.72E-03	9.38E-07	2.83E-06	1.64E-06	1.66E-06	1.50E-06	6.87E-07	6.80E-07	3.13E-08	7.56E-07	1.67E-07	2.25E-07	3.58E-07	6.30E-08	3.57E-07	1.96E-06
1795	495561.06	3859051.99	2.67E-03	2.71E-03	2.68E-03	9.27E-07	2.80E-06	1.62E-06	1.64E-06	1.49E-06	6.79E-07	6.72E-07	3.10E-08	7.48E-07	1.65E-07	2.23E-07	3.53E-07	6.23E-08	3.53E-07	1.93E-06

1796	495611.06	3859051.99	2.65E-03	2.68E-03	2.66E-03	9.17E-07	2.77E-06	1.60E-06	1.62E-06	1.47E-06	6.72E-07	6.65E-07	3.06E-08	7.40E-07	1.63E-07	2.20E-07	3.50E-07	6.16E-08	3.49E-07	1.91E-06
1797	495661.06	3859051.99	2.65E-03	2.68E-03	2.66E-03	9.18E-07	2.77E-06	1.61E-06	1.63E-06	1.47E-06	6.73E-07	6.66E-07	3.07E-08	7.41E-07	1.63E-07	2.21E-07	3.50E-07	6.17E-08	3.50E-07	1.92E-06
1798	494311.06	3859101.99	3.81E-03	3.85E-03	3.84E-03	1.32E-06	3.98E-06	2.31E-06	2.33E-06	2.11E-06	9.65E-07	9.63E-07	4.40E-08	1.06E-06	2.35E-07	3.17E-07	5.02E-07	8.85E-08	5.05E-07	2.76E-06
1799	494361.06	3859101.99	3.77E-03	3.81E-03	3.80E-03	1.31E-06	3.94E-06	2.28E-06	2.31E-06	2.09E-06	9.55E-07	9.53E-07	4.36E-08	1.05E-06	2.32E-07	3.14E-07	4.97E-07	8.77E-08	5.00E-07	2.73E-06
1800	494411.06	3859101.99	3.74E-03	3.78E-03	3.77E-03	1.30E-06	3.91E-06	2.26E-06	2.29E-06	2.08E-06	9.47E-07	9.45E-07	4.33E-08	1.04E-06	2.31E-07	3.11E-07	4.93E-07	8.70E-08	4.96E-07	2.71E-06
1801	494461.06	3859101.99	3.69E-03	3.73E-03	3.72E-03	1.28E-06	3.86E-06	2.23E-06	2.26E-06	2.05E-06	9.35E-07	9.32E-07	4.27E-08	1.03E-06	2.28E-07	3.07E-07	4.87E-07	8.58E-08	4.89E-07	2.67E-06
1802	494511.06	3859101.99	3.62E-03	3.66E-03	3.65E-03	1.25E-06	3.79E-06	2.19E-06	2.22E-06	2.01E-06	9.17E-07	9.15E-07	4.19E-08	1.01E-06	2.23E-07	3.01E-07	4.78E-07	8.42E-08	4.80E-07	2.62E-06
1803	494561.06	3859101.99	3.56E-03	3.61E-03	3.59E-03	1.24E-06	3.73E-06	2.16E-06	2.18E-06	1.98E-06	9.04E-07	9.01E-07	4.13E-08	9.96E-07	2.20E-07	2.97E-07	4.71E-07	8.29E-08	4.73E-07	2.58E-06
1804	494611.06	3859101.99	3.48E-03	3.53E-03	3.51E-03	1.21E-06	3.65E-06	2.11E-06	2.14E-06	1.94E-06	8.83E-07	8.80E-07	4.03E-08	9.74E-07	2.15E-07	2.90E-07	4.60E-07	8.11E-08	4.62E-07	2.52E-06
1805	494661.06	3859101.99	3.43E-03	3.47E-03	3.46E-03	1.19E-06	3.59E-06	2.08E-06	2.10E-06	1.91E-06	8.70E-07	8.66E-07	3.97E-08	9.59E-07	2.12E-07	2.86E-07	4.53E-07	7.98E-08	4.55E-07	2.48E-06
1806	494711.06	3859101.99	3.34E-03	3.38E-03	3.37E-03	1.16E-06	3.50E-06	2.03E-06	2.05E-06	1.86E-06	8.48E-07	8.44E-07	3.87E-08	9.35E-07	2.06E-07	2.78E-07	4.41E-07	7.78E-08	4.43E-07	2.42E-06
1807	494761.06	3859101.99	3.32E-03	3.36E-03	3.34E-03	1.15E-06	3.47E-06	2.01E-06	2.03E-06	1.84E-06	8.41E-07	8.37E-07	3.84E-08	9.27E-07	2.05E-07	2.76E-07	4.38E-07	7.72E-08	4.39E-07	2.40E-06
1808	494811.06	3859101.99	3.26E-03	3.30E-03	3.28E-03	1.13E-06	3.41E-06	1.97E-06	2.00E-06	1.81E-06	8.26E-07	8.22E-07	3.77E-08	9.10E-07	2.01E-07	2.71E-07	4.30E-07	7.58E-08	4.31E-07	2.36E-06
1809	494861.06	3859101.99	3.20E-03	3.24E-03	3.23E-03	1.11E-06	3.35E-06	1.94E-06	1.96E-06	1.78E-06	8.13E-07	8.08E-07	3.71E-08	8.96E-07	1.98E-07	2.67E-07	4.23E-07	7.46E-08	4.24E-07	2.32E-06
1810	494911.06	3859101.99	3.13E-03	3.17E-03	3.15E-03	1.08E-06	3.27E-06	1.90E-06	1.92E-06	1.74E-06	7.94E-07	7.89E-07	3.62E-08	8.75E-07	1.93E-07	2.60E-07	4.13E-07	7.28E-08	4.14E-07	2.26E-06
1811	494961.06	3859101.99	3.02E-03	3.06E-03	3.04E-03	1.05E-06	3.16E-06	1.83E-06	1.85E-06	1.68E-06	7.67E-07	7.62E-07	3.50E-08	8.45E-07	1.86E-07	2.52E-07	3.99E-07	7.04E-08	4.00E-07	2.19E-06
1812	495011.06	3859101.99	2.91E-03	2.95E-03	2.93E-03	1.01E-06	3.05E-06	1.77E-06	1.79E-06	1.62E-06	7.39E-07	7.35E-07	3.37E-08	8.15E-07	1.80E-07	2.43E-07	3.85E-07	6.78E-08	3.86E-07	2.11E-06
1813	495061.06	3859101.99	2.91E-03	2.94E-03	2.93E-03	1.01E-06	3.04E-06	1.76E-06	1.78E-06	1.62E-06	7.38E-07	7.33E-07	3.37E-08	8.13E-07	1.79E-07	2.42E-07	3.84E-07	6.77E-08	3.85E-07	2.10E-06
1814	495111.06	3859101.99	2.87E-03	2.91E-03	2.89E-03	9.96E-07	3.01E-06	1.74E-06	1.76E-06	1.60E-06	7.29E-07	7.24E-07	3.33E-08	8.03E-07	1.77E-07	2.39E-07	3.80E-07	6.69E-08	3.80E-07	2.08E-06
1815	495161.06	3859101.99	2.89E-03	2.92E-03	2.90E-03	1.00E-06	3.02E-06	1.75E-06	1.77E-06	1.60E-06	7.32E-07	7.27E-07	3.34E-08	8.07E-07	1.78E-07	2.40E-07	3.81E-07	6.72E-08	3.82E-07	2.09E-06
1816	495211.06	3859101.99	2.85E-03	2.89E-03	2.87E-03	9.89E-07	2.99E-06	1.73E-06	1.75E-06	1.59E-06	7.24E-07	7.19E-07	3.30E-08	7.98E-07	1.76E-07	2.38E-07	3.77E-07	6.64E-08	3.77E-07	2.07E-06
1817	495261.06	3859101.99	2.85E-03	2.88E-03	2.86E-03	9.87E-07	2.98E-06	1.73E-06	1.75E-06	1.58E-06	7.22E-07	7.17E-07	3.30E-08	7.96E-07	1.76E-07	2.37E-07	3.76E-07	6.63E-08	3.76E-07	2.06E-06
1818	495311.06	3859101.99	2.83E-03	2.87E-03	2.85E-03	9.81E-07	2.96E-06	1.72E-06	1.74E-06	1.57E-06	7.18E-07	7.13E-07	3.28E-08	7.91E-07	1.75E-07	2.36E-07	3.74E-07	6.59E-08	3.74E-07	2.05E-06
1819	495361.06	3859101.99	2.83E-03	2.86E-03	2.84E-03	9.80E-07	2.96E-06	1.71E-06	1.73E-06	1.57E-06	7.17E-07	7.12E-07	3.27E-08	7.91E-07	1.74E-07	2.36E-07	3.74E-07	6.58E-08	3.74E-07	2.05E-06
1820	495411.06	3859101.99	2.82E-03	2.85E-03	2.83E-03	9.76E-07	2.95E-06	1.71E-06	1.73E-06	1.57E-06	7.14E-07	7.09E-07	3.26E-08	7.87E-07	1.74E-07	2.34E-07	3.72E-07	6.56E-08	3.72E-07	2.04E-06
1821	495461.06	3859101.99	2.79E-03	2.83E-03	2.80E-03	9.67E-07	2.92E-06	1.69E-06	1.71E-06	1.55E-06	7.08E-07	7.02E-07	3.23E-08	7.80E-07	1.72E-07	2.32E-07	3.69E-07	6.50E-08	3.69E-07	2.02E-06
1822	495511.06	3859101.99	2.77E-03	2.81E-03	2.78E-03	9.61E-07	2.90E-06	1.68E-06	1.70E-06	1.54E-06	7.03E-07	6.98E-07	3.21E-08	7.75E-07	1.71E-07	2.31E-07	3.66E-07	6.46E-08	3.66E-07	2.01E-06
1823	495561.06	3859101.99	2.74E-03	2.77E-03	2.75E-03	9.49E-07	2.86E-06	1.66E-06	1.68E-06	1.52E-06	6.95E-07	6.89E-07	3.17E-08	7.65E-07	1.69E-07	2.28E-07	3.62E-07	6.37E-08	3.61E-07	1.98E-06
1824	495611.06	3859101.99	2.70E-03	2.74E-03	2.72E-03	9.37E-07	2.83E-06	1.64E-06	1.66E-06	1.50E-06	6.86E-07	6.80E-07	3.13E-08	7.56E-07	1.67E-07	2.25E-07	3.57E-07	6.30E-08	3.57E-07	1.96E-06
1825	495661.06	3859101.99	2.70E-03	2.73E-03	2.71E-03	9.34E-07	2.82E-06	1.63E-06	1.65E-06	1.50E-06	6.84E-07	6.78E-07	3.12E-08	7.54E-07	1.66E-07	2.25E-07	3.56E-07	6.28E-08	3.56E-07	1.95E-06
1826	494311.06	3859151.99	3.89E-03	3.93E-03	3.93E-03	1.35E-06	4.07E-06	2.36E-06	2.38E-06	2.16E-06	9.85E-07	9.85E-07	4.50E-08	1.09E-06	2.40E-07	3.23E-07	5.13E-07	9.04E-08	5.17E-07	2.82E-06
1827	494361.06	3859151.99	3.86E-03	3.91E-03	3.90E-03	1.34E-06	4.04E-06	2.34E-06	2.37E-06	2.14E-06	9.79E-07	9.78E-07	4.47E-08	1.08E-06	2.38E-07	3.21E-07	5.10E-07	8.98E-08	5.13E-07	2.80E-06
1828	494411.06	3859151.99	3.80E-03	3.85E-03	3.84E-03	1.32E-06	3.98E-06	2.30E-06	2.33E-06	2.11E-06	9.64E-07	9.63E-07	4.40E-08	1.06E-06	2.35E-07	3.16E-07	5.02E-07	8.84E-08	5.05E-07	2.75E-06
1829	494461.06	3859151.99	3.74E-03	3.79E-03	3.78E-03	1.30E-06	3.92E-06	2.27E-06	2.29E-06	2.08E-06	9.49E-07	9.47E-07	4.33E-08	1.05E-06	2.31E-07	3.11E-07	4.94E-07	8.71E-08	4.97E-07	2.71E-06
1830	494511.06	3859151.99	3.67E-03	3.71E-03	3.70E-03	1.27E-06	3.84E-06	2.22E-06	2.25E-06	2.04E-06	9.30E-07	9.28E-07	4.25E-08	1.03E-06	2.26E-07	3.05E-07	4.84E-07	8.53E-08	4.87E-07	2.66E-06
1831	494561.06	3859151.99	3.62E-03	3.66E-03	3.65E-03	1.26E-06	3.79E-06	2.19E-06	2.22E-06	2.01E-06	9.18E-07	9.16E-07	4.19E-08	1.01E-06	2.23E-07	3.01E-07	4.78E-07	8.42E-08	4.81E-07	2.62E-06
1832	494611.06	3859151.99	3.55E-03	3.59E-03	3.58E-03	1.23E-06	3.71E-06	2.15E-06	2.17E-06	1.97E-06	8.99E-07	8.97E-07	4.11E-08	9.92E-07	2.19E-07	2.95E-07	4.68E-07	8.25E-08	4.71E-07	2.57E-06
1833	494661.06	3859151.99	3.50E-03	3.54E-03	3.53E-03	1.21E-06	3.66E-06	2.12E-06	2.14E-06	1.94E-06	8.87E-07	8.84E-07	4.05E-08	9.78E-07	2.16E-07	2.91E-07	4.62E-07	8.14E-08	4.64E-07	2.53E-06
1834	494711.06	3859151.99	3.46E-03	3.50E-03	3.49E-03	1.20E-06	3.62E-06	2.09E-06	2.12E-06	1.92E-06	8.76E-07	8.73E-07	4.00E-08	9.66E-07	2.13E-07	2.88E-07	4.56E-07	8.04E-08	4.58E-07	2.50E-06
1835	494761.06	3859151.99	3.37E-03	3.41E-03	3.40E-03	1.17E-06	3.53E-06	2.04E-06	2.07E-06	1.87E-06	8.55E-07	8.52E-07	3.90E-08	9.43E-07	2.08E-07	2.81E-07	4.45E-07	7.85E-08	4.47E-07	2.44E-06
1836	494811.06	3859151.99	3.30E-03	3.34E-03	3.33E-03	1.15E-06	3.46E-06	2.00E-06	2.03E-06	1.84E-06	8.38E-07	8.35E-07	3.82E-08	9.24E-07	2.04E-07	2.75E-07	4.36E-07	7.69E-08	4.38E-07	2.39E-06
1837	494861.06	3859151.99	3.26E-03	3.30E-03	3.28E-03	1.13E-06	3.41E-06	1.97E-06	2.00E-06	1.81E-06	8.26E-07	8.23E-07	3.77E-08	9.11E-07	2.01E-07	2.71E-07	4.30E-07	7.58E-08	4.32E-07	2.36E-06
1838	494911.06	3859151.99	3.18E-03	3.21E-03	3.20E-03	1.10E-06	3.32E-06	1.92E-06	1.95E-06	1.77E-06	8.06E-07	8.02E-07	3.68E-08	8.88E-07	1.96E-07	2.64E-07	4.19E-07	7.39E-08	4.21E-07	2.30E-06
1839	494961.06	3859151.99	3.07E-03	3.10E-03	3.09E-03	1.06E-06	3.21E-06	1.86E-06	1.88E-06	1.70E-06	7.78E-07	7.74E-07	3.55E-08	8.58E-07	1.89E-07	2.55E-07	4.05E-07	7.14E-08	4.06E-07	2.22E-06
1840	495011.06	3859151.99	2.97E-03	3.01E-03	2.99E-03	1.03E-06	3.11E-06	1.80E-06	1.82E-06	1.65E-06	7.53E-07	7.49E-07	3.44E-08	8.30E-07	1.83E-07	2.47E-07	3.92E-07	6.91E-08	3.93E-07	2.15E-06
1841	495061.06	3859151.99	2.95E-03	2.99E-03	2.97E-03	1.02E-06	3.09E-06	1.79E-06	1.81E-06	1.64E-06	7.49E-07	7.45E-07	3.42E-08	8.26E-07	1.82E-07	2.46E-07	3.90E-07	6.88E-08	3.91E-07	2.14E-06
1842	495111.06	3859151.99	2.93E-03	2.97E-03	2.95E-03	1.02E-06	3.07E-06	1.78E-06	1.80E-06	1.63E-06	7.43E-07	7.39E-07	3.39E-08	8.19E-07	1.81E-07	2.44E-07	3.87E-07	6.82E-08	3.88E-07	2.12E-06
1843	495161.06	3859151.99	2.94E-03	2.98E-03	2.96E-03	1.02E-06	3.08E-06	1.78E-06	1.80E-06	1.64E-06	7.46E-07	7.42E-07	3.40E-08	8.22E-07	1.81E-07	2.45E-07	3.89E-07	6.85E-08	3.89E-07	2.13E-06
1844	495211.06	3859151.99	2.92E-03	2.96E-03	2.94E-03	1.01E-06	3.06E-06	1.77E-06	1.79E-06	1.62E-06	7.41E-07	7.37E-07	3.38E-08	8.17E-07	1.80E-07	2.43E-07	3.86E-07	6.80E-08	3.87E-07	2.11E-06
1845	495261.06	3859151.99	2.90E-03	2.94E-03	2.92E-03	1.01E-06	3.04E-06	1.76E-06	1.78E-06	1.61E-06	7.36E-07	7.32E-07	3.36E-08	8.11E-07	1.79E-07	2.42E-07	3.83E-07	6.76E-08	3.84E-07	2.10E-06
1846	495311.06	3859151.99	2.89E-03	2.92E-03	2.90E-03	1.00E-06	3.02E-06	1.75E-06	1.77E-06	1.61E-06	7.33E-07	7.28E-07	3.34E-08	8.07E-07	1.78E-07	2.40E-07	3.81E-07	6.72E-08	3.82E-07	2.09E-06
1847	495361.06	3859151.99	2.87E-03	2.91E-03	2.89E-03	9.95E-07	3.00E-06	1.74E-06	1.76E-06	1.60E-06	7.28E-07	7.23E-07	3.32E-08	8.02E-07	1.77E-07	2.39E-07	3.79E-07	6.68E-08	3.80E-07	2.08E-06
1848	495411.06	3859151.99	2.88E-03	2.91E-03	2.89E-03	9.97E-07	3.01E-06	1.74E-06	1.77E-06	1.60E-06	7.30E-07	7.25E-07	3.33E-08	8.05E-07	1.78E-07	2.40E-07	3.80E-07	6.70E-08	3.81E-07	2.08E-06

1849	495461.06	3859151.99	2.86E-03	2.90E-03	2.88E-03	9.92E-07	3.00E-06	1.73E-06	1.76E-06	1.59E-06	7.26E-07	7.21E-07	3.31E-08	8.00E-07	1.77E-07	2.38E-07	3.78E-07	6.66E-08	3.78E-07	2.07E-06
1850	495511.06	3859151.99	2.82E-03	2.86E-03	2.84E-03	9.79E-07	2.95E-06	1.71E-06	1.73E-06	1.57E-06	7.16E-07	7.11E-07	3.27E-08	7.89E-07	1.74E-07	2.35E-07	3.73E-07	6.57E-08	3.73E-07	2.04E-06
1851	495561.06	3859151.99	2.80E-03	2.83E-03	2.81E-03	9.69E-07	2.93E-06	1.69E-06	1.71E-06	1.55E-06	7.09E-07	7.04E-07	3.23E-08	7.81E-07	1.72E-07	2.33E-07	3.69E-07	6.51E-08	3.69E-07	2.02E-06
1852	495611.06	3859151.99	2.77E-03	2.81E-03	2.78E-03	9.60E-07	2.90E-06	1.68E-06	1.70E-06	1.54E-06	7.03E-07	6.97E-07	3.21E-08	7.74E-07	1.71E-07	2.31E-07	3.66E-07	6.45E-08	3.66E-07	2.00E-06
1853	495661.06	3859151.99	2.75E-03	2.78E-03	2.76E-03	9.53E-07	2.88E-06	1.66E-06	1.69E-06	1.53E-06	6.97E-07	6.92E-07	3.18E-08	7.68E-07	1.70E-07	2.29E-07	3.63E-07	6.40E-08	3.63E-07	1.99E-06
1854	494311.06	3859201.99	3.97E-03	4.01E-03	4.02E-03	1.38E-06	4.15E-06	2.40E-06	2.43E-06	2.20E-06	1.01E-06	1.01E-06	4.59E-08	1.11E-06	2.45E-07	3.30E-07	5.24E-07	9.23E-08	5.28E-07	2.87E-06
1855	494361.06	3859201.99	3.93E-03	3.97E-03	3.97E-03	1.36E-06	4.11E-06	2.38E-06	2.41E-06	2.18E-06	9.95E-07	9.96E-07	4.55E-08	1.10E-06	2.42E-07	3.27E-07	5.18E-07	9.13E-08	5.23E-07	2.84E-06
1856	494411.06	3859201.99	3.88E-03	3.92E-03	3.92E-03	1.34E-06	4.06E-06	2.35E-06	2.37E-06	2.15E-06	9.82E-07	9.82E-07	4.49E-08	1.08E-06	2.39E-07	3.22E-07	5.11E-07	9.01E-08	5.15E-07	2.81E-06
1857	494461.06	3859201.99	3.80E-03	3.85E-03	3.84E-03	1.32E-06	3.98E-06	2.30E-06	2.33E-06	2.11E-06	9.63E-07	9.63E-07	4.40E-08	1.06E-06	2.35E-07	3.16E-07	5.02E-07	8.84E-08	5.05E-07	2.75E-06
1858	494511.06	3859201.99	3.75E-03	3.79E-03	3.79E-03	1.30E-06	3.93E-06	2.27E-06	2.30E-06	2.08E-06	9.50E-07	9.50E-07	4.34E-08	1.05E-06	2.31E-07	3.12E-07	4.95E-07	8.72E-08	4.98E-07	2.72E-06
1859	494561.06	3859201.99	3.67E-03	3.71E-03	3.71E-03	1.27E-06	3.84E-06	2.22E-06	2.25E-06	2.04E-06	9.31E-07	9.29E-07	4.25E-08	1.03E-06	2.26E-07	3.05E-07	4.85E-07	8.54E-08	4.88E-07	2.66E-06
1860	494611.06	3859201.99	3.61E-03	3.65E-03	3.64E-03	1.25E-06	3.78E-06	2.19E-06	2.21E-06	2.00E-06	9.15E-07	9.13E-07	4.18E-08	1.01E-06	2.23E-07	3.00E-07	4.76E-07	8.39E-08	4.79E-07	2.61E-06
1861	494661.06	3859201.99	3.56E-03	3.60E-03	3.59E-03	1.23E-06	3.72E-06	2.16E-06	2.18E-06	1.98E-06	9.02E-07	9.00E-07	4.12E-08	9.95E-07	2.19E-07	2.96E-07	4.70E-07	8.28E-08	4.72E-07	2.58E-06
1862	494711.06	3859201.99	3.51E-03	3.55E-03	3.54E-03	1.22E-06	3.67E-06	2.12E-06	2.15E-06	1.95E-06	8.89E-07	8.87E-07	4.06E-08	9.81E-07	2.16E-07	2.92E-07	4.63E-07	8.16E-08	4.66E-07	2.54E-06
1863	494761.06	3859201.99	3.43E-03	3.47E-03	3.46E-03	1.19E-06	3.59E-06	2.08E-06	2.10E-06	1.91E-06	8.69E-07	8.67E-07	3.97E-08	9.59E-07	2.12E-07	2.85E-07	4.53E-07	7.98E-08	4.55E-07	2.48E-06
1864	494811.06	3859201.99	3.36E-03	3.40E-03	3.39E-03	1.17E-06	3.52E-06	2.04E-06	2.06E-06	1.87E-06	8.53E-07	8.50E-07	3.89E-08	9.40E-07	2.07E-07	2.80E-07	4.44E-07	7.83E-08	4.46E-07	2.44E-06
1865	494861.06	3859201.99	3.29E-03	3.32E-03	3.31E-03	1.14E-06	3.44E-06	1.99E-06	2.01E-06	1.83E-06	8.33E-07	8.30E-07	3.80E-08	9.18E-07	2.03E-07	2.73E-07	4.34E-07	7.64E-08	4.36E-07	2.38E-06
1866	494911.06	3859201.99	3.20E-03	3.24E-03	3.22E-03	1.11E-06	3.35E-06	1.94E-06	1.96E-06	1.78E-06	8.11E-07	8.08E-07	3.70E-08	8.94E-07	1.97E-07	2.66E-07	4.22E-07	7.44E-08	4.24E-07	2.32E-06
1867	494961.06	3859201.99	3.11E-03	3.14E-03	3.13E-03	1.08E-06	3.25E-06	1.88E-06	1.90E-06	1.73E-06	7.87E-07	7.84E-07	3.59E-08	8.68E-07	1.92E-07	2.58E-07	4.10E-07	7.23E-08	4.11E-07	2.25E-06
1868	495011.06	3859201.99	2.98E-03	3.02E-03	3.01E-03	1.03E-06	3.12E-06	1.81E-06	1.83E-06	1.66E-06	7.57E-07	7.53E-07	3.45E-08	8.34E-07	1.84E-07	2.48E-07	3.94E-07	6.94E-08	3.95E-07	2.16E-06
1869	495061.06	3859201.99	3.02E-03	3.05E-03	3.04E-03	1.05E-06	3.16E-06	1.83E-06	1.85E-06	1.68E-06	7.65E-07	7.62E-07	3.49E-08	8.43E-07	1.86E-07	2.51E-07	3.98E-07	7.02E-08	4.00E-07	2.18E-06
1870	495111.06	3859201.99	3.01E-03	3.04E-03	3.03E-03	1.04E-06	3.15E-06	1.82E-06	1.84E-06	1.67E-06	7.63E-07	7.59E-07	3.48E-08	8.41E-07	1.86E-07	2.50E-07	3.97E-07	7.00E-08	3.98E-07	2.18E-06
1871	495161.06	3859201.99	2.99E-03	3.03E-03	3.01E-03	1.04E-06	3.13E-06	1.81E-06	1.84E-06	1.66E-06	7.59E-07	7.55E-07	3.46E-08	8.37E-07	1.85E-07	2.49E-07	3.95E-07	6.97E-08	3.96E-07	2.17E-06
1872	495211.06	3859201.99	2.96E-03	3.00E-03	2.98E-03	1.03E-06	3.10E-06	1.79E-06	1.82E-06	1.65E-06	7.51E-07	7.47E-07	3.43E-08	8.28E-07	1.83E-07	2.47E-07	3.91E-07	6.90E-08	3.92E-07	2.14E-06
1873	495261.06	3859201.99	2.96E-03	2.99E-03	2.98E-03	1.02E-06	3.09E-06	1.79E-06	1.81E-06	1.64E-06	7.50E-07	7.46E-07	3.42E-08	8.26E-07	1.82E-07	2.46E-07	3.90E-07	6.88E-08	3.91E-07	2.14E-06
1874	495311.06	3859201.99	2.94E-03	2.98E-03	2.96E-03	1.02E-06	3.08E-06	1.78E-06	1.80E-06	1.63E-06	7.46E-07	7.42E-07	3.40E-08	8.22E-07	1.81E-07	2.45E-07	3.88E-07	6.84E-08	3.89E-07	2.13E-06
1875	495361.06	3859201.99	2.93E-03	2.97E-03	2.95E-03	1.02E-06	3.07E-06	1.77E-06	1.80E-06	1.63E-06	7.43E-07	7.39E-07	3.39E-08	8.19E-07	1.81E-07	2.44E-07	3.87E-07	6.82E-08	3.88E-07	2.12E-06
1876	495411.06	3859201.99	2.93E-03	2.97E-03	2.95E-03	1.02E-06	3.07E-06	1.78E-06	1.80E-06	1.63E-06	7.44E-07	7.40E-07	3.40E-08	8.20E-07	1.81E-07	2.44E-07	3.88E-07	6.83E-08	3.88E-07	2.12E-06
1877	495461.06	3859201.99	2.91E-03	2.95E-03	2.93E-03	1.01E-06	3.05E-06	1.76E-06	1.79E-06	1.62E-06	7.39E-07	7.34E-07	3.37E-08	8.14E-07	1.80E-07	2.42E-07	3.85E-07	6.78E-08	3.85E-07	2.11E-06
1878	495511.06	3859201.99	2.89E-03	2.93E-03	2.91E-03	1.00E-06	3.02E-06	1.75E-06	1.77E-06	1.61E-06	7.33E-07	7.28E-07	3.34E-08	8.08E-07	1.78E-07	2.41E-07	3.82E-07	6.73E-08	3.82E-07	2.09E-06
1879	495561.06	3859201.99	2.85E-03	2.88E-03	2.86E-03	9.87E-07	2.98E-06	1.72E-06	1.75E-06	1.58E-06	7.22E-07	7.17E-07	3.30E-08	7.96E-07	1.76E-07	2.37E-07	3.76E-07	6.63E-08	3.77E-07	2.06E-06
1880	495611.06	3859201.99	2.82E-03	2.85E-03	2.83E-03	9.76E-07	2.95E-06	1.71E-06	1.73E-06	1.57E-06	7.15E-07	7.10E-07	3.26E-08	7.87E-07	1.74E-07	2.35E-07	3.72E-07	6.56E-08	3.72E-07	2.04E-06
1881	495661.06	3859201.99	2.80E-03	2.83E-03	2.81E-03	9.69E-07	2.93E-06	1.69E-06	1.71E-06	1.55E-06	7.09E-07	7.04E-07	3.23E-08	7.81E-07	1.72E-07	2.33E-07	3.69E-07	6.51E-08	3.70E-07	2.02E-06
1882	494311.06	3859251.99	4.05E-03	4.09E-03	4.10E-03	1.40E-06	4.24E-06	2.45E-06	2.48E-06	2.25E-06	1.03E-06	1.03E-06	4.69E-08	1.13E-06	2.50E-07	3.37E-07	5.34E-07	9.41E-08	5.39E-07	2.93E-06
1883	494361.06	3859251.99	3.99E-03	4.04E-03	4.04E-03	1.38E-06	4.18E-06	2.42E-06	2.44E-06	2.22E-06	1.01E-06	1.01E-06	4.62E-08	1.12E-06	2.46E-07	3.32E-07	5.26E-07	9.28E-08	5.31E-07	2.89E-06
1884	494411.06	3859251.99	3.92E-03	3.96E-03	3.96E-03	1.36E-06	4.10E-06	2.37E-06	2.40E-06	2.17E-06	9.92E-07	9.93E-07	4.53E-08	1.09E-06	2.41E-07	3.26E-07	5.16E-07	9.10E-08	5.21E-07	2.84E-06
1885	494461.06	3859251.99	3.86E-03	3.90E-03	3.91E-03	1.34E-06	4.04E-06	2.34E-06	2.37E-06	2.14E-06	9.78E-07	9.79E-07	4.47E-08	1.08E-06	2.38E-07	3.21E-07	5.09E-07	8.98E-08	5.14E-07	2.80E-06
1886	494511.06	3859251.99	3.78E-03	3.82E-03	3.82E-03	1.31E-06	3.96E-06	2.29E-06	2.32E-06	2.10E-06	9.58E-07	9.58E-07	4.38E-08	1.06E-06	2.33E-07	3.14E-07	4.99E-07	8.79E-08	5.03E-07	2.74E-06
1887	494561.06	3859251.99	3.73E-03	3.77E-03	3.77E-03	1.29E-06	3.90E-06	2.26E-06	2.28E-06	2.07E-06	9.44E-07	9.44E-07	4.31E-08	1.04E-06	2.30E-07	3.10E-07	4.92E-07	8.66E-08	4.95E-07	2.70E-06
1888	494611.06	3859251.99	3.66E-03	3.70E-03	3.70E-03	1.27E-06	3.83E-06	2.22E-06	2.24E-06	2.03E-06	9.27E-07	9.26E-07	4.23E-08	1.02E-06	2.26E-07	3.04E-07	4.82E-07	8.50E-08	4.86E-07	2.65E-06
1889	494661.06	3859251.99	3.62E-03	3.66E-03	3.65E-03	1.25E-06	3.78E-06	2.19E-06	2.22E-06	2.01E-06	9.16E-07	9.16E-07	4.19E-08	1.01E-06	2.23E-07	3.01E-07	4.77E-07	8.41E-08	4.81E-07	2.62E-06
1890	494711.06	3859251.99	3.56E-03	3.60E-03	3.60E-03	1.24E-06	3.73E-06	2.16E-06	2.18E-06	1.98E-06	9.03E-07	9.02E-07	4.13E-08	9.96E-07	2.20E-07	2.96E-07	4.70E-07	8.29E-08	4.73E-07	2.58E-06
1891	494761.06	3859251.99	3.44E-03	3.48E-03	3.47E-03	1.19E-06	3.60E-06	2.08E-06	2.11E-06	1.91E-06	8.72E-07	8.70E-07	3.98E-08	9.62E-07	2.12E-07	2.86E-07	4.54E-07	8.00E-08	4.57E-07	2.49E-06
1892	494811.06	3859251.99	3.42E-03	3.46E-03	3.45E-03	1.19E-06	3.58E-06	2.07E-06	2.10E-06	1.90E-06	8.67E-07	8.65E-07	3.96E-08	9.56E-07	2.11E-07	2.85E-07	4.51E-07	7.96E-08	4.54E-07	2.48E-06
1893	494861.06	3859251.99	3.31E-03	3.35E-03	3.34E-03	1.15E-06	3.47E-06	2.01E-06	2.03E-06	1.84E-06	8.40E-07	8.37E-07	3.83E-08	9.26E-07	2.04E-07	2.76E-07	4.37E-07	7.71E-08	4.39E-07	2.40E-06
1894	494911.06	3859251.99	3.22E-03	3.26E-03	3.25E-03	1.12E-06	3.37E-06	1.95E-06	1.97E-06	1.79E-06	8.16E-07	8.14E-07	3.73E-08	9.00E-07	1.99E-07	2.68E-07	4.25E-07	7.49E-08	4.27E-07	2.33E-06
1895	494961.06	3859251.99	3.17E-03	3.21E-03	3.20E-03	1.10E-06	3.32E-06	1.92E-06	1.94E-06	1.76E-06	8.04E-07	8.01E-07	3.67E-08	8.86E-07	1.96E-07	2.64E-07	4.18E-07	7.38E-08	4.20E-07	2.29E-06
1896	495011.06	3859251.99	3.11E-03	3.15E-03	3.14E-03	1.08E-06	3.26E-06	1.88E-06	1.91E-06	1.73E-06	7.89E-07	7.86E-07	3.60E-08	8.70E-07	1.92E-07	2.59E-07	4.11E-07	7.24E-08	4.12E-07	2.25E-06
1897	495061.06	3859251.99	3.11E-03	3.14E-03	3.13E-03	1.08E-06	3.25E-06	1.88E-06	1.90E-06	1.73E-06	7.87E-07	7.84E-07	3.59E-08	8.68E-07	1.92E-07	2.58E-07	4.10E-07	7.23E-08	4.12E-07	2.25E-06
1898	495111.06	3859251.99	3.08E-03	3.11E-03	3.10E-03	1.07E-06	3.22E-06	1.86E-06	1.89E-06	1.71E-06	7.80E-07	7.77E-07	3.56E-08	8.60E-07	1.90E-07	2.56E-07	4.06E-07	7.16E-08	4.08E-07	2.23E-06
1899	495161.06	3859251.99	3.06E-03	3.10E-03	3.09E-03	1.06E-06	3.20E-06	1.85E-06	1.88E-06	1.70E-06	7.76E-07	7.73E-07	3.54E-08	8.56E-07	1.89E-07	2.55E-07	4.04E-07	7.12E-08	4.06E-07	2.22E-06
1900	495211.06	3859251.99	3.03E-03	3.07E-03	3.05E-03	1.05E-06	3.17E-06	1.84E-06	1.86E-06	1.68E-06	7.69E-07	7.65E-07	3.51E-08	8.47E-07	1.87E-07	2.52E-07	4.00E-07	7.05E-08	4.02E-07	2.19E-06
1901	495261.06	3859251.99	3.02E-03	3.05E-03	3.04E-03	1.05E-06	3.16E-06	1.83E-06	1.85E-06	1.68E-06	7.65E-07	7.61E-07	3.49E-08	8.43E-07	1.86E-07	2.51E-07	3.98E-07	7.02E-08	3.99E-07	2.18E-06

1902	495311.06	3859251.99	3.01E-03	3.05E-03	3.03E-03	1.04E-06	3.15E-06	1.82E-06	1.85E-06	1.67E-06	7.63E-07	7.60E-07	3.48E-08	8.41E-07	1.86E-07	2.51E-07	3.97E-07	7.00E-08	3.99E-07	2.18E-06
1903	495361.06	3859251.99	2.99E-03	3.03E-03	3.01E-03	1.04E-06	3.13E-06	1.81E-06	1.83E-06	1.66E-06	7.58E-07	7.55E-07	3.46E-08	8.36E-07	1.84E-07	2.49E-07	3.95E-07	6.96E-08	3.96E-07	2.16E-06
1904	495411.06	3859251.99	2.99E-03	3.03E-03	3.01E-03	1.04E-06	3.13E-06	1.81E-06	1.83E-06	1.66E-06	7.58E-07	7.54E-07	3.46E-08	8.36E-07	1.84E-07	2.49E-07	3.95E-07	6.96E-08	3.96E-07	2.16E-06
1905	495461.06	3859251.99	2.97E-03	3.00E-03	2.99E-03	1.03E-06	3.11E-06	1.80E-06	1.82E-06	1.65E-06	7.53E-07	7.49E-07	3.44E-08	8.30E-07	1.83E-07	2.47E-07	3.92E-07	6.91E-08	3.93E-07	2.15E-06
1906	495511.06	3859251.99	2.93E-03	2.96E-03	2.94E-03	1.01E-06	3.06E-06	1.77E-06	1.79E-06	1.63E-06	7.42E-07	7.38E-07	3.39E-08	8.18E-07	1.80E-07	2.44E-07	3.86E-07	6.81E-08	3.87E-07	2.12E-06
1907	495561.06	3859251.99	2.90E-03	2.93E-03	2.92E-03	1.00E-06	3.03E-06	1.76E-06	1.78E-06	1.61E-06	7.35E-07	7.31E-07	3.35E-08	8.10E-07	1.79E-07	2.41E-07	3.83E-07	6.75E-08	3.84E-07	2.10E-06
1908	495611.06	3859251.99	2.86E-03	2.90E-03	2.88E-03	9.92E-07	2.99E-06	1.73E-06	1.75E-06	1.59E-06	7.26E-07	7.21E-07	3.31E-08	8.00E-07	1.77E-07	2.38E-07	3.78E-07	6.66E-08	3.79E-07	2.07E-06
1909	495661.06	3859251.99	2.84E-03	2.87E-03	2.85E-03	9.83E-07	2.97E-06	1.72E-06	1.74E-06	1.58E-06	7.19E-07	7.15E-07	3.28E-08	7.93E-07	1.75E-07	2.36E-07	3.75E-07	6.60E-08	3.75E-07	2.05E-06
1910	494311.06	3859301.99	4.12E-03	4.17E-03	4.18E-03	1.43E-06	4.32E-06	2.50E-06	2.52E-06	2.29E-06	1.04E-06	1.05E-06	4.77E-08	1.15E-06	2.54E-07	3.43E-07	5.44E-07	9.58E-08	5.50E-07	2.99E-06
1911	494361.06	3859301.99	4.06E-03	4.10E-03	4.12E-03	1.41E-06	4.25E-06	2.46E-06	2.49E-06	2.25E-06	1.03E-06	1.03E-06	4.70E-08	1.14E-06	2.50E-07	3.37E-07	5.35E-07	9.44E-08	5.41E-07	2.94E-06
1912	494411.06	3859301.99	3.98E-03	4.03E-03	4.03E-03	1.38E-06	4.17E-06	2.41E-06	2.44E-06	2.21E-06	1.01E-06	1.01E-06	4.61E-08	1.11E-06	2.46E-07	3.31E-07	5.25E-07	9.26E-08	5.31E-07	2.88E-06
1913	494461.06	3859301.99	3.91E-03	3.95E-03	3.96E-03	1.35E-06	4.09E-06	2.37E-06	2.39E-06	2.17E-06	9.89E-07	9.91E-07	4.52E-08	1.09E-06	2.41E-07	3.25E-07	5.15E-07	9.08E-08	5.20E-07	2.83E-06
1914	494511.06	3859301.99	3.84E-03	3.88E-03	3.89E-03	1.33E-06	4.02E-06	2.32E-06	2.35E-06	2.13E-06	9.72E-07	9.73E-07	4.44E-08	1.07E-06	2.37E-07	3.19E-07	5.06E-07	8.92E-08	5.11E-07	2.78E-06
1915	494561.06	3859301.99	3.78E-03	3.82E-03	3.83E-03	1.31E-06	3.96E-06	2.29E-06	2.32E-06	2.10E-06	9.58E-07	9.59E-07	4.38E-08	1.06E-06	2.33E-07	3.15E-07	4.99E-07	8.79E-08	5.03E-07	2.74E-06
1916	494611.06	3859301.99	3.72E-03	3.76E-03	3.77E-03	1.29E-06	3.90E-06	2.26E-06	2.28E-06	2.07E-06	9.43E-07	9.44E-07	4.31E-08	1.04E-06	2.30E-07	3.10E-07	4.91E-07	8.66E-08	4.95E-07	2.70E-06
1917	494661.06	3859301.99	3.67E-03	3.71E-03	3.71E-03	1.27E-06	3.84E-06	2.22E-06	2.25E-06	2.04E-06	9.29E-07	9.29E-07	4.24E-08	1.02E-06	2.26E-07	3.05E-07	4.84E-07	8.52E-08	4.88E-07	2.65E-06
1918	494711.06	3859301.99	3.60E-03	3.64E-03	3.64E-03	1.25E-06	3.76E-06	2.18E-06	2.20E-06	2.00E-06	9.12E-07	9.11E-07	4.16E-08	1.01E-06	2.22E-07	2.99E-07	4.75E-07	8.37E-08	4.78E-07	2.61E-06
1919	494761.06	3859301.99	3.54E-03	3.58E-03	3.58E-03	1.23E-06	3.70E-06	2.14E-06	2.17E-06	1.96E-06	8.96E-07	8.96E-07	4.09E-08	9.89E-07	2.18E-07	2.94E-07	4.67E-07	8.23E-08	4.70E-07	2.56E-06
1920	494811.06	3859301.99	3.46E-03	3.49E-03	3.49E-03	1.20E-06	3.62E-06	2.09E-06	2.12E-06	1.92E-06	8.76E-07	8.75E-07	4.00E-08	9.66E-07	2.13E-07	2.87E-07	4.56E-07	8.04E-08	4.59E-07	2.50E-06
1921	494861.06	3859301.99	3.35E-03	3.38E-03	3.38E-03	1.16E-06	3.50E-06	2.03E-06	2.05E-06	1.86E-06	8.48E-07	8.46E-07	3.87E-08	9.35E-07	2.06E-07	2.78E-07	4.41E-07	7.78E-08	4.44E-07	2.42E-06
1922	494911.06	3859301.99	3.29E-03	3.33E-03	3.32E-03	1.14E-06	3.44E-06	1.99E-06	2.01E-06	1.83E-06	8.33E-07	8.32E-07	3.81E-08	9.19E-07	2.03E-07	2.74E-07	4.34E-07	7.65E-08	4.36E-07	2.38E-06
1923	494961.06	3859301.99	3.18E-03	3.22E-03	3.21E-03	1.10E-06	3.33E-06	1.93E-06	1.95E-06	1.77E-06	8.06E-07	8.04E-07	3.68E-08	8.89E-07	1.96E-07	2.65E-07	4.20E-07	7.40E-08	4.22E-07	2.30E-06
1924	495011.06	3859301.99	3.14E-03	3.17E-03	3.16E-03	1.09E-06	3.28E-06	1.90E-06	1.92E-06	1.74E-06	7.95E-07	7.93E-07	3.63E-08	8.77E-07	1.94E-07	2.61E-07	4.14E-07	7.30E-08	4.16E-07	2.27E-06
1925	495061.06	3859301.99	3.17E-03	3.21E-03	3.20E-03	1.10E-06	3.32E-06	1.92E-06	1.94E-06	1.76E-06	8.04E-07	8.02E-07	3.67E-08	8.87E-07	1.96E-07	2.64E-07	4.19E-07	7.38E-08	4.21E-07	2.30E-06
1926	495111.06	3859301.99	3.11E-03	3.15E-03	3.14E-03	1.08E-06	3.26E-06	1.89E-06	1.91E-06	1.73E-06	7.89E-07	7.87E-07	3.60E-08	8.70E-07	1.92E-07	2.59E-07	4.11E-07	7.24E-08	4.13E-07	2.25E-06
1927	495161.06	3859301.99	3.10E-03	3.14E-03	3.13E-03	1.07E-06	3.24E-06	1.88E-06	1.90E-06	1.72E-06	7.86E-07	7.83E-07	3.59E-08	8.67E-07	1.91E-07	2.58E-07	4.09E-07	7.21E-08	4.11E-07	2.24E-06
1928	495211.06	3859301.99	3.10E-03	3.14E-03	3.13E-03	1.08E-06	3.25E-06	1.88E-06	1.90E-06	1.72E-06	7.87E-07	7.84E-07	3.59E-08	8.68E-07	1.91E-07	2.58E-07	4.10E-07	7.22E-08	4.12E-07	2.25E-06
1929	495261.06	3859301.99	3.09E-03	3.13E-03	3.12E-03	1.07E-06	3.24E-06	1.87E-06	1.90E-06	1.72E-06	7.84E-07	7.82E-07	3.58E-08	8.65E-07	1.91E-07	2.57E-07	4.08E-07	7.20E-08	4.10E-07	2.24E-06
1930	495311.06	3859301.99	3.05E-03	3.09E-03	3.08E-03	1.06E-06	3.20E-06	1.85E-06	1.87E-06	1.70E-06	7.74E-07	7.71E-07	3.53E-08	8.54E-07	1.88E-07	2.54E-07	4.03E-07	7.10E-08	4.05E-07	2.21E-06
1931	495361.06	3859301.99	3.05E-03	3.08E-03	3.07E-03	1.06E-06	3.19E-06	1.85E-06	1.87E-06	1.69E-06	7.73E-07	7.70E-07	3.53E-08	8.52E-07	1.88E-07	2.54E-07	4.02E-07	7.09E-08	4.04E-07	2.21E-06
1932	495411.06	3859301.99	3.03E-03	3.07E-03	3.06E-03	1.05E-06	3.17E-06	1.84E-06	1.86E-06	1.68E-06	7.69E-07	7.66E-07	3.51E-08	8.48E-07	1.87E-07	2.52E-07	4.00E-07	7.06E-08	4.02E-07	2.19E-06
1933	495461.06	3859301.99	3.02E-03	3.06E-03	3.04E-03	1.05E-06	3.16E-06	1.83E-06	1.85E-06	1.68E-06	7.66E-07	7.62E-07	3.49E-08	8.44E-07	1.86E-07	2.51E-07	3.99E-07	7.03E-08	4.00E-07	2.19E-06
1934	495511.06	3859301.99	2.98E-03	3.02E-03	3.01E-03	1.03E-06	3.12E-06	1.81E-06	1.83E-06	1.66E-06	7.56E-07	7.53E-07	3.45E-08	8.34E-07	1.84E-07	2.48E-07	3.94E-07	6.94E-08	3.95E-07	2.16E-06
1935	495561.06	3859301.99	2.93E-03	2.96E-03	2.95E-03	1.01E-06	3.06E-06	1.77E-06	1.80E-06	1.63E-06	7.43E-07	7.39E-07	3.39E-08	8.19E-07	1.81E-07	2.44E-07	3.87E-07	6.82E-08	3.88E-07	2.12E-06
1936	495611.06	3859301.99	2.90E-03	2.94E-03	2.92E-03	1.01E-06	3.04E-06	1.76E-06	1.78E-06	1.61E-06	7.36E-07	7.32E-07	3.36E-08	8.11E-07	1.79E-07	2.42E-07	3.83E-07	6.76E-08	3.84E-07	2.10E-06
1937	495661.06	3859301.99	2.88E-03	2.91E-03	2.90E-03	9.97E-07	3.01E-06	1.74E-06	1.76E-06	1.60E-06	7.29E-07	7.25E-07	3.33E-08	8.04E-07	1.77E-07	2.39E-07	3.80E-07	6.69E-08	3.81E-07	2.08E-06
1938	494311.06	3859351.99	4.18E-03	4.22E-03	4.24E-03	1.45E-06	4.37E-06	2.53E-06	2.56E-06	2.32E-06	1.06E-06	1.06E-06	4.83E-08	1.17E-06	2.58E-07	3.47E-07	5.51E-07	9.70E-08	5.57E-07	3.03E-06
1939	494361.06	3859351.99	4.11E-03	4.16E-03	4.17E-03	1.43E-06	4.30E-06	2.49E-06	2.52E-06	2.28E-06	1.04E-06	1.05E-06	4.76E-08	1.15E-06	2.54E-07	3.42E-07	5.42E-07	9.55E-08	5.49E-07	2.98E-06
1940	494411.06	3859351.99	4.03E-03	4.07E-03	4.08E-03	1.40E-06	4.21E-06	2.44E-06	2.46E-06	2.23E-06	1.02E-06	1.02E-06	4.66E-08	1.13E-06	2.48E-07	3.35E-07	5.31E-07	9.36E-08	5.37E-07	2.92E-06
1941	494461.06	3859351.99	3.95E-03	3.99E-03	4.01E-03	1.37E-06	4.14E-06	2.39E-06	2.42E-06	2.19E-06	1.00E-06	1.00E-06	4.57E-08	1.11E-06	2.44E-07	3.29E-07	5.21E-07	9.19E-08	5.27E-07	2.86E-06
1942	494511.06	3859351.99	3.89E-03	3.93E-03	3.94E-03	1.35E-06	4.07E-06	2.35E-06	2.38E-06	2.16E-06	9.84E-07	9.87E-07	4.50E-08	1.09E-06	2.40E-07	3.23E-07	5.13E-07	9.03E-08	5.18E-07	2.82E-06
1943	494561.06	3859351.99	3.84E-03	3.88E-03	3.89E-03	1.33E-06	4.02E-06	2.32E-06	2.35E-06	2.13E-06	9.72E-07	9.74E-07	4.44E-08	1.07E-06	2.37E-07	3.19E-07	5.06E-07	8.92E-08	5.11E-07	2.78E-06
1944	494611.06	3859351.99	3.78E-03	3.82E-03	3.83E-03	1.31E-06	3.96E-06	2.29E-06	2.31E-06	2.10E-06	9.57E-07	9.59E-07	4.37E-08	1.06E-06	2.33E-07	3.14E-07	4.99E-07	8.79E-08	5.03E-07	2.74E-06
1945	494661.06	3859351.99	3.72E-03	3.76E-03	3.77E-03	1.29E-06	3.89E-06	2.25E-06	2.28E-06	2.07E-06	9.42E-07	9.44E-07	4.31E-08	1.04E-06	2.29E-07	3.09E-07	4.91E-07	8.65E-08	4.95E-07	2.69E-06
1946	494711.06	3859351.99	3.65E-03	3.69E-03	3.69E-03	1.26E-06	3.82E-06	2.21E-06	2.23E-06	2.02E-06	9.24E-07	9.25E-07	4.22E-08	1.02E-06	2.25E-07	3.03E-07	4.81E-07	8.48E-08	4.85E-07	2.64E-06
1947	494761.06	3859351.99	3.55E-03	3.59E-03	3.59E-03	1.23E-06	3.72E-06	2.15E-06	2.18E-06	1.97E-06	9.00E-07	9.01E-07	4.11E-08	9.94E-07	2.19E-07	2.96E-07	4.69E-07	8.26E-08	4.73E-07	2.57E-06
1948	494811.06	3859351.99	3.44E-03	3.48E-03	3.48E-03	1.19E-06	3.60E-06	2.08E-06	2.11E-06	1.91E-06	8.71E-07	8.71E-07	3.98E-08	9.61E-07	2.12E-07	2.86E-07	4.54E-07	7.99E-08	4.57E-07	2.49E-06
1949	494861.06	3859351.99	3.39E-03	3.43E-03	3.42E-03	1.17E-06	3.55E-06	2.05E-06	2.08E-06	1.88E-06	8.59E-07	8.58E-07	3.92E-08	9.47E-07	2.09E-07	2.82E-07	4.47E-07	7.88E-08	4.50E-07	2.45E-06
1950	494911.06	3859351.99	3.35E-03	3.39E-03	3.39E-03	1.16E-06	3.51E-06	2.03E-06	2.05E-06	1.86E-06	8.50E-07	8.49E-07	3.88E-08	9.38E-07	2.07E-07	2.79E-07	4.43E-07	7.80E-08	4.46E-07	2.43E-06
1951	494961.06	3859351.99	3.30E-03	3.34E-03	3.33E-03	1.14E-06	3.45E-06	2.00E-06	2.02E-06	1.83E-06	8.36E-07	8.35E-07	3.82E-08	9.23E-07	2.04E-07	2.75E-07	4.36E-07	7.68E-08	4.38E-07	2.39E-06
1952	495011.06	3859351.99	3.26E-03	3.30E-03	3.29E-03	1.13E-06	3.41E-06	1.97E-06	2.00E-06	1.81E-06	8.26E-07	8.24E-07	3.77E-08	9.11E-07	2.01E-07	2.71E-07	4.30E-07	7.58E-08	4.33E-07	2.36E-06
1953	495061.06	3859351.99	3.27E-03	3.31E-03	3.30E-03	1.13E-06	3.42E-06	1.98E-06	2.00E-06	1.82E-06	8.29E-07	8.27E-07	3.78E-08	9.14E-07	2.02E-07	2.72E-07	4.32E-07	7.61E-08	4.34E-07	2.37E-06
1954	495111.06	3859351.99	3.23E-03	3.26E-03	3.26E-03	1.12E-06	3.37E-06	1.95E-06	1.98E-06	1.79E-06	8.17E-07	8.16E-07	3.73E-08	9.02E-07	1.99E-07	2.68E-07	4.26E-07	7.50E-08	4.28E-07	2.33E-06

1955	495161.06	3859351.99	3.20E-03	3.24E-03	3.23E-03	1.11E-06	3.35E-06	1.94E-06	1.96E-06	1.78E-06	8.11E-07	8.09E-07	3.70E-08	8.95E-07	1.97E-07	2.66E-07	4.22E-07	7.44E-08	4.25E-07	2.32E-06
1956	495211.06	3859351.99	3.17E-03	3.21E-03	3.20E-03	1.10E-06	3.32E-06	1.92E-06	1.95E-06	1.76E-06	8.05E-07	8.03E-07	3.67E-08	8.87E-07	1.96E-07	2.64E-07	4.19E-07	7.38E-08	4.21E-07	2.30E-06
1957	495261.06	3859351.99	3.16E-03	3.20E-03	3.19E-03	1.10E-06	3.31E-06	1.92E-06	1.94E-06	1.76E-06	8.01E-07	7.99E-07	3.66E-08	8.84E-07	1.95E-07	2.63E-07	4.17E-07	7.35E-08	4.20E-07	2.29E-06
1958	495311.06	3859351.99	3.12E-03	3.16E-03	3.15E-03	1.08E-06	3.27E-06	1.89E-06	1.91E-06	1.74E-06	7.92E-07	7.90E-07	3.62E-08	8.73E-07	1.93E-07	2.60E-07	4.12E-07	7.27E-08	4.15E-07	2.26E-06
1959	495361.06	3859351.99	3.10E-03	3.14E-03	3.13E-03	1.07E-06	3.25E-06	1.88E-06	1.90E-06	1.72E-06	7.86E-07	7.84E-07	3.59E-08	8.67E-07	1.91E-07	2.58E-07	4.09E-07	7.21E-08	4.11E-07	2.24E-06
1960	495411.06	3859351.99	3.09E-03	3.12E-03	3.11E-03	1.07E-06	3.23E-06	1.87E-06	1.89E-06	1.72E-06	7.83E-07	7.80E-07	3.57E-08	8.63E-07	1.90E-07	2.57E-07	4.08E-07	7.18E-08	4.09E-07	2.23E-06
1961	495461.06	3859351.99	3.08E-03	3.12E-03	3.11E-03	1.07E-06	3.22E-06	1.87E-06	1.89E-06	1.71E-06	7.81E-07	7.78E-07	3.56E-08	8.61E-07	1.90E-07	2.56E-07	4.07E-07	7.17E-08	4.08E-07	2.23E-06
1962	495511.06	3859351.99	3.03E-03	3.07E-03	3.06E-03	1.05E-06	3.17E-06	1.84E-06	1.86E-06	1.68E-06	7.69E-07	7.66E-07	3.51E-08	8.47E-07	1.87E-07	2.52E-07	4.00E-07	7.05E-08	4.02E-07	2.19E-06
1963	495561.06	3859351.99	2.99E-03	3.03E-03	3.02E-03	1.04E-06	3.13E-06	1.81E-06	1.84E-06	1.66E-06	7.59E-07	7.56E-07	3.47E-08	8.37E-07	1.85E-07	2.49E-07	3.95E-07	6.97E-08	3.97E-07	2.17E-06
1964	495611.06	3859351.99	2.97E-03	3.00E-03	2.99E-03	1.03E-06	3.10E-06	1.80E-06	1.82E-06	1.65E-06	7.52E-07	7.49E-07	3.43E-08	8.29E-07	1.83E-07	2.47E-07	3.92E-07	6.90E-08	3.93E-07	2.15E-06
1965	495661.06	3859351.99	2.92E-03	2.95E-03	2.94E-03	1.01E-06	3.06E-06	1.77E-06	1.79E-06	1.62E-06	7.40E-07	7.37E-07	3.38E-08	8.16E-07	1.80E-07	2.43E-07	3.86E-07	6.79E-08	3.87E-07	2.11E-06
1966	494311.06	3859401.99	4.25E-03	4.29E-03	4.32E-03	1.47E-06	4.45E-06	2.57E-06	2.60E-06	2.36E-06	1.08E-06	1.08E-06	4.92E-08	1.19E-06	2.62E-07	3.53E-07	5.60E-07	9.87E-08	5.68E-07	3.08E-06
1967	494361.06	3859401.99	4.16E-03	4.20E-03	4.22E-03	1.44E-06	4.35E-06	2.52E-06	2.55E-06	2.31E-06	1.05E-06	1.06E-06	4.81E-08	1.16E-06	2.57E-07	3.46E-07	5.48E-07	9.66E-08	5.55E-07	3.01E-06
1968	494411.06	3859401.99	4.07E-03	4.11E-03	4.13E-03	1.41E-06	4.26E-06	2.47E-06	2.49E-06	2.26E-06	1.03E-06	1.04E-06	4.71E-08	1.14E-06	2.51E-07	3.38E-07	5.36E-07	9.45E-08	5.43E-07	2.95E-06
1969	494461.06	3859401.99	4.00E-03	4.04E-03	4.06E-03	1.39E-06	4.19E-06	2.42E-06	2.45E-06	2.22E-06	1.01E-06	1.02E-06	4.63E-08	1.12E-06	2.47E-07	3.33E-07	5.28E-07	9.30E-08	5.34E-07	2.90E-06
1970	494511.06	3859401.99	3.96E-03	4.00E-03	4.01E-03	1.37E-06	4.14E-06	2.40E-06	2.42E-06	2.19E-06	1.00E-06	1.01E-06	4.58E-08	1.11E-06	2.44E-07	3.29E-07	5.21E-07	9.19E-08	5.28E-07	2.86E-06
1971	494561.06	3859401.99	3.90E-03	3.94E-03	3.95E-03	1.35E-06	4.08E-06	2.36E-06	2.39E-06	2.16E-06	9.88E-07	9.91E-07	4.51E-08	1.09E-06	2.41E-07	3.24E-07	5.14E-07	9.06E-08	5.20E-07	2.83E-06
1972	494611.06	3859401.99	3.83E-03	3.87E-03	3.89E-03	1.33E-06	4.01E-06	2.32E-06	2.35E-06	2.13E-06	9.71E-07	9.74E-07	4.44E-08	1.07E-06	2.37E-07	3.19E-07	5.06E-07	8.91E-08	5.11E-07	2.78E-06
1973	494661.06	3859401.99	3.79E-03	3.83E-03	3.84E-03	1.31E-06	3.96E-06	2.29E-06	2.32E-06	2.10E-06	9.59E-07	9.61E-07	4.38E-08	1.06E-06	2.34E-07	3.15E-07	4.99E-07	8.80E-08	5.04E-07	2.74E-06
1974	494711.06	3859401.99	3.73E-03	3.77E-03	3.78E-03	1.29E-06	3.90E-06	2.26E-06	2.28E-06	2.07E-06	9.44E-07	9.46E-07	4.32E-08	1.04E-06	2.30E-07	3.10E-07	4.92E-07	8.67E-08	4.97E-07	2.70E-06
1975	494761.06	3859401.99	3.63E-03	3.67E-03	3.67E-03	1.26E-06	3.80E-06	2.20E-06	2.22E-06	2.01E-06	9.19E-07	9.20E-07	4.20E-08	1.01E-06	2.24E-07	3.02E-07	4.79E-07	8.44E-08	4.83E-07	2.63E-06
1976	494811.06	3859401.99	3.55E-03	3.59E-03	3.60E-03	1.23E-06	3.72E-06	2.15E-06	2.18E-06	1.97E-06	9.00E-07	9.01E-07	4.11E-08	9.94E-07	2.19E-07	2.96E-07	4.69E-07	8.26E-08	4.73E-07	2.57E-06
1977	494861.06	3859401.99	3.46E-03	3.50E-03	3.50E-03	1.20E-06	3.62E-06	2.10E-06	2.12E-06	1.92E-06	8.77E-07	8.77E-07	4.01E-08	9.68E-07	2.14E-07	2.88E-07	4.57E-07	8.05E-08	4.60E-07	2.51E-06
1978	494911.06	3859401.99	3.40E-03	3.44E-03	3.44E-03	1.18E-06	3.56E-06	2.06E-06	2.08E-06	1.89E-06	8.61E-07	8.61E-07	3.93E-08	9.50E-07	2.10E-07	2.83E-07	4.48E-07	7.90E-08	4.52E-07	2.46E-06
1979	494961.06	3859401.99	3.37E-03	3.41E-03	3.41E-03	1.17E-06	3.52E-06	2.04E-06	2.06E-06	1.87E-06	8.54E-07	8.53E-07	3.90E-08	9.42E-07	2.08E-07	2.80E-07	4.44E-07	7.83E-08	4.48E-07	2.44E-06
1980	495011.06	3859401.99	3.34E-03	3.38E-03	3.38E-03	1.16E-06	3.50E-06	2.02E-06	2.05E-06	1.86E-06	8.47E-07	8.46E-07	3.87E-08	9.34E-07	2.06E-07	2.78E-07	4.41E-07	7.77E-08	4.44E-07	2.42E-06
1981	495061.06	3859401.99	3.32E-03	3.36E-03	3.36E-03	1.15E-06	3.48E-06	2.01E-06	2.04E-06	1.84E-06	8.42E-07	8.41E-07	3.84E-08	9.29E-07	2.05E-07	2.76E-07	4.38E-07	7.73E-08	4.41E-07	2.41E-06
1982	495111.06	3859401.99	3.27E-03	3.31E-03	3.31E-03	1.13E-06	3.42E-06	1.98E-06	2.00E-06	1.82E-06	8.29E-07	8.28E-07	3.79E-08	9.15E-07	2.02E-07	2.72E-07	4.32E-07	7.61E-08	4.35E-07	2.37E-06
1983	495161.06	3859401.99	3.26E-03	3.29E-03	3.29E-03	1.13E-06	3.41E-06	1.97E-06	2.00E-06	1.81E-06	8.25E-07	8.24E-07	3.77E-08	9.10E-07	2.01E-07	2.71E-07	4.30E-07	7.57E-08	4.33E-07	2.36E-06
1984	495211.06	3859401.99	3.24E-03	3.28E-03	3.28E-03	1.12E-06	3.40E-06	1.97E-06	1.99E-06	1.80E-06	8.22E-07	8.21E-07	3.75E-08	9.07E-07	2.00E-07	2.70E-07	4.28E-07	7.55E-08	4.31E-07	2.35E-06
1985	495261.06	3859401.99	3.22E-03	3.26E-03	3.25E-03	1.12E-06	3.37E-06	1.95E-06	1.97E-06	1.79E-06	8.16E-07	8.14E-07	3.72E-08	9.00E-07	1.99E-07	2.68E-07	4.25E-07	7.49E-08	4.27E-07	2.33E-06
1986	495311.06	3859401.99	3.19E-03	3.23E-03	3.22E-03	1.11E-06	3.34E-06	1.93E-06	1.95E-06	1.77E-06	8.08E-07	8.07E-07	3.69E-08	8.92E-07	1.97E-07	2.65E-07	4.21E-07	7.42E-08	4.23E-07	2.31E-06
1987	495361.06	3859401.99	3.18E-03	3.22E-03	3.21E-03	1.10E-06	3.33E-06	1.93E-06	1.95E-06	1.77E-06	8.07E-07	8.05E-07	3.68E-08	8.90E-07	1.96E-07	2.65E-07	4.20E-07	7.40E-08	4.23E-07	2.30E-06
1988	495411.06	3859401.99	3.16E-03	3.20E-03	3.19E-03	1.10E-06	3.31E-06	1.92E-06	1.94E-06	1.76E-06	8.01E-07	8.00E-07	3.66E-08	8.84E-07	1.95E-07	2.63E-07	4.17E-07	7.36E-08	4.20E-07	2.29E-06
1989	495461.06	3859401.99	3.13E-03	3.16E-03	3.16E-03	1.08E-06	3.27E-06	1.89E-06	1.92E-06	1.74E-06	7.93E-07	7.91E-07	3.62E-08	8.74E-07	1.93E-07	2.60E-07	4.13E-07	7.28E-08	4.15E-07	2.26E-06
1990	495511.06	3859401.99	3.08E-03	3.12E-03	3.11E-03	1.07E-06	3.22E-06	1.87E-06	1.89E-06	1.71E-06	7.81E-07	7.79E-07	3.57E-08	8.61E-07	1.90E-07	2.56E-07	4.07E-07	7.17E-08	4.09E-07	2.23E-06
1991	495561.06	3859401.99	3.03E-03	3.06E-03	3.05E-03	1.05E-06	3.17E-06	1.83E-06	1.86E-06	1.68E-06	7.67E-07	7.65E-07	3.50E-08	8.46E-07	1.87E-07	2.52E-07	4.00E-07	7.04E-08	4.01E-07	2.19E-06
1992	495611.06	3859401.99	3.00E-03	3.03E-03	3.02E-03	1.04E-06	3.13E-06	1.81E-06	1.84E-06	1.66E-06	7.59E-07	7.57E-07	3.47E-08	8.37E-07	1.85E-07	2.49E-07	3.95E-07	6.97E-08	3.97E-07	2.17E-06
1993	495661.06	3859401.99	2.97E-03	3.00E-03	2.99E-03	1.03E-06	3.11E-06	1.80E-06	1.82E-06	1.65E-06	7.53E-07	7.50E-07	3.44E-08	8.30E-07	1.83E-07	2.47E-07	3.92E-07	6.91E-08	3.94E-07	2.15E-06
1994	494311.06	3859451.99	4.28E-03	4.32E-03	4.35E-03	1.48E-06	4.48E-06	2.59E-06	2.62E-06	2.37E-06	1.08E-06	1.09E-06	4.95E-08	1.20E-06	2.64E-07	3.56E-07	5.64E-07	9.94E-08	5.73E-07	3.10E-06
1995	494361.06	3859451.99	4.20E-03	4.24E-03	4.27E-03	1.46E-06	4.40E-06	2.55E-06	2.57E-06	2.33E-06	1.06E-06	1.07E-06	4.86E-08	1.17E-06	2.59E-07	3.49E-07	5.54E-07	9.76E-08	5.62E-07	3.04E-06
1996	494411.06	3859451.99	4.09E-03	4.13E-03	4.16E-03	1.42E-06	4.28E-06	2.48E-06	2.50E-06	2.27E-06	1.04E-06	1.04E-06	4.73E-08	1.14E-06	2.52E-07	3.40E-07	5.39E-07	9.50E-08	5.46E-07	2.96E-06
1997	494461.06	3859451.99	4.05E-03	4.09E-03	4.11E-03	1.40E-06	4.24E-06	2.45E-06	2.48E-06	2.25E-06	1.03E-06	1.03E-06	4.69E-08	1.13E-06	2.50E-07	3.37E-07	5.34E-07	9.41E-08	5.41E-07	2.93E-06
1998	494511.06	3859451.99	3.99E-03	4.03E-03	4.05E-03	1.38E-06	4.17E-06	2.41E-06	2.44E-06	2.21E-06	1.01E-06	1.01E-06	4.61E-08	1.11E-06	2.46E-07	3.31E-07	5.25E-07	9.26E-08	5.32E-07	2.89E-06
1999	494561.06	3859451.99	3.93E-03	3.97E-03	3.99E-03	1.36E-06	4.11E-06	2.38E-06	2.41E-06	2.18E-06	9.95E-07	1.00E-06	4.55E-08	1.10E-06	2.43E-07	3.27E-07	5.18E-07	9.13E-08	5.25E-07	2.85E-06
2000	494611.06	3859451.99	3.90E-03	3.94E-03	3.96E-03	1.35E-06	4.08E-06	2.36E-06	2.39E-06	2.16E-06	9.87E-07	9.91E-07	4.51E-08	1.09E-06	2.40E-07	3.24E-07	5.14E-07	9.06E-08	5.20E-07	2.82E-06
2001	494661.06	3859451.99	3.83E-03	3.87E-03	3.88E-03	1.33E-06	4.01E-06	2.32E-06	2.34E-06	2.13E-06	9.70E-07	9.73E-07	4.43E-08	1.07E-06	2.36E-07	3.18E-07	5.05E-07	8.90E-08	5.11E-07	2.77E-06
2002	494711.06	3859451.99	3.76E-03	3.80E-03	3.82E-03	1.30E-06	3.94E-06	2.28E-06	2.30E-06	2.09E-06	9.53E-07	9.56E-07	4.35E-08	1.05E-06	2.32E-07	3.13E-07	4.96E-07	8.74E-08	5.02E-07	2.73E-06
2003	494761.06	3859451.99	3.71E-03	3.75E-03	3.76E-03	1.28E-06	3.88E-06	2.25E-06	2.27E-06	2.06E-06	9.39E-07	9.41E-07	4.29E-08	1.04E-06	2.29E-07	3.08E-07	4.89E-07	8.61E-08	4.94E-07	2.68E-06
2004	494811.06	3859451.99	3.62E-03	3.66E-03	3.67E-03	1.26E-06	3.79E-06	2.20E-06	2.22E-06	2.01E-06	9.18E-07	9.20E-07	4.19E-08	1.01E-06	2.24E-07	3.01E-07	4.78E-07	8.42E-08	4.83E-07	2.62E-06
2005	494861.06	3859451.99	3.56E-03	3.59E-03	3.60E-03	1.23E-06	3.72E-06	2.15E-06	2.18E-06	1.97E-06	9.00E-07	9.02E-07	4.11E-08	9.94E-07	2.19E-07	2.96E-07	4.69E-07	8.26E-08	4.73E-07	2.57E-06
2006	494911.06	3859451.99	3.50E-03	3.54E-03	3.55E-03	1.21E-06	3.67E-06	2.12E-06	2.14E-06	1.94E-06	8.87E-07	8.88E-07	4.05E-08	9.79E-07	2.16E-07	2.91E-07	4.62E-07	8.14E-08	4.66E-07	2.54E-06
2007	494961.06	3859451.99	3.47E-03	3.51E-03	3.51E-03	1.20E-06	3.63E-06	2.10E-06	2.12E-06	1.93E-06	8.79E-07	8.80E-07	4.02E-08	9.70E-07	2.14E-07	2.88E-07	4.58E-07	8.07E-08	4.62E-07	2.51E-06

2008	495011.06	3859451.99	3.43E-03	3.47E-03	3.47E-03	1.19E-06	3.59E-06	2.08E-06	2.10E-06	1.90E-06	8.69E-07	8.69E-07	3.97E-08	9.59E-07	2.12E-07	2.85E-07	4.52E-07	7.97E-08	4.56E-07	2.48E-06
2009	495061.06	3859451.99	3.39E-03	3.43E-03	3.43E-03	1.17E-06	3.55E-06	2.05E-06	2.08E-06	1.88E-06	8.59E-07	8.59E-07	3.92E-08	9.48E-07	2.09E-07	2.82E-07	4.47E-07	7.88E-08	4.51E-07	2.46E-06
2010	495111.06	3859451.99	3.35E-03	3.39E-03	3.39E-03	1.16E-06	3.51E-06	2.03E-06	2.05E-06	1.86E-06	8.49E-07	8.49E-07	3.88E-08	9.37E-07	2.07E-07	2.79E-07	4.42E-07	7.79E-08	4.46E-07	2.43E-06
2011	495161.06	3859451.99	3.33E-03	3.37E-03	3.37E-03	1.15E-06	3.48E-06	2.02E-06	2.04E-06	1.85E-06	8.43E-07	8.43E-07	3.85E-08	9.31E-07	2.05E-07	2.77E-07	4.39E-07	7.74E-08	4.43E-07	2.41E-06
2012	495211.06	3859451.99	3.31E-03	3.35E-03	3.35E-03	1.15E-06	3.47E-06	2.01E-06	2.03E-06	1.84E-06	8.40E-07	8.39E-07	3.84E-08	9.26E-07	2.04E-07	2.76E-07	4.37E-07	7.71E-08	4.41E-07	2.40E-06
2013	495261.06	3859451.99	3.30E-03	3.33E-03	3.33E-03	1.14E-06	3.45E-06	2.00E-06	2.02E-06	1.83E-06	8.35E-07	8.35E-07	3.81E-08	9.22E-07	2.03E-07	2.74E-07	4.35E-07	7.67E-08	4.38E-07	2.39E-06
2014	495311.06	3859451.99	3.27E-03	3.30E-03	3.30E-03	1.13E-06	3.42E-06	1.98E-06	2.00E-06	1.81E-06	8.27E-07	8.27E-07	3.78E-08	9.13E-07	2.01E-07	2.72E-07	4.31E-07	7.59E-08	4.34E-07	2.36E-06
2015	495361.06	3859451.99	3.24E-03	3.28E-03	3.27E-03	1.12E-06	3.39E-06	1.96E-06	1.98E-06	1.80E-06	8.21E-07	8.20E-07	3.75E-08	9.06E-07	2.00E-07	2.69E-07	4.27E-07	7.53E-08	4.31E-07	2.35E-06
2016	495411.06	3859451.99	3.21E-03	3.24E-03	3.24E-03	1.11E-06	3.36E-06	1.94E-06	1.97E-06	1.78E-06	8.13E-07	8.12E-07	3.71E-08	8.97E-07	1.98E-07	2.67E-07	4.23E-07	7.46E-08	4.26E-07	2.32E-06
2017	495461.06	3859451.99	3.18E-03	3.22E-03	3.21E-03	1.10E-06	3.33E-06	1.93E-06	1.95E-06	1.77E-06	8.06E-07	8.05E-07	3.68E-08	8.89E-07	1.96E-07	2.65E-07	4.20E-07	7.40E-08	4.23E-07	2.30E-06
2018	495511.06	3859451.99	3.13E-03	3.16E-03	3.16E-03	1.08E-06	3.27E-06	1.89E-06	1.92E-06	1.74E-06	7.92E-07	7.91E-07	3.62E-08	8.74E-07	1.93E-07	2.60E-07	4.13E-07	7.27E-08	4.15E-07	2.26E-06
2019	495561.06	3859451.99	3.09E-03	3.13E-03	3.12E-03	1.07E-06	3.23E-06	1.87E-06	1.89E-06	1.72E-06	7.83E-07	7.82E-07	3.58E-08	8.64E-07	1.91E-07	2.57E-07	4.08E-07	7.19E-08	4.10E-07	2.24E-06
2020	495611.06	3859451.99	3.06E-03	3.09E-03	3.08E-03	1.06E-06	3.20E-06	1.85E-06	1.87E-06	1.70E-06	7.75E-07	7.73E-07	3.54E-08	8.54E-07	1.89E-07	2.54E-07	4.03E-07	7.11E-08	4.06E-07	2.21E-06
2021	495661.06	3859451.99	3.02E-03	3.06E-03	3.05E-03	1.05E-06	3.16E-06	1.83E-06	1.85E-06	1.68E-06	7.67E-07	7.65E-07	3.50E-08	8.45E-07	1.87E-07	2.52E-07	3.99E-07	7.04E-08	4.01E-07	2.19E-06
2022	494311.06	3859501.99	4.33E-03	4.37E-03	4.41E-03	1.50E-06	4.53E-06	2.62E-06	2.65E-06	2.40E-06	1.09E-06	1.10E-06	5.01E-08	1.21E-06	2.67E-07	3.59E-07	5.70E-07	1.00E-07	5.79E-07	3.14E-06
2023	494361.06	3859501.99	4.25E-03	4.29E-03	4.32E-03	1.47E-06	4.44E-06	2.57E-06	2.60E-06	2.35E-06	1.07E-06	1.08E-06	4.91E-08	1.19E-06	2.62E-07	3.53E-07	5.59E-07	9.86E-08	5.68E-07	3.08E-06
2024	494411.06	3859501.99	4.11E-03	4.15E-03	4.18E-03	1.43E-06	4.30E-06	2.49E-06	2.52E-06	2.28E-06	1.04E-06	1.05E-06	4.76E-08	1.15E-06	2.54E-07	3.42E-07	5.42E-07	9.55E-08	5.50E-07	2.98E-06
2025	494461.06	3859501.99	4.10E-03	4.15E-03	4.17E-03	1.42E-06	4.30E-06	2.49E-06	2.51E-06	2.28E-06	1.04E-06	1.05E-06	4.75E-08	1.15E-06	2.53E-07	3.41E-07	5.41E-07	9.53E-08	5.49E-07	2.97E-06
2026	494511.06	3859501.99	4.03E-03	4.07E-03	4.10E-03	1.40E-06	4.22E-06	2.44E-06	2.47E-06	2.24E-06	1.02E-06	1.03E-06	4.66E-08	1.13E-06	2.49E-07	3.35E-07	5.31E-07	9.36E-08	5.39E-07	2.92E-06
2027	494561.06	3859501.99	3.97E-03	4.01E-03	4.03E-03	1.38E-06	4.15E-06	2.40E-06	2.43E-06	2.20E-06	1.00E-06	1.01E-06	4.59E-08	1.11E-06	2.45E-07	3.30E-07	5.23E-07	9.22E-08	5.30E-07	2.87E-06
2028	494611.06	3859501.99	3.96E-03	4.00E-03	4.03E-03	1.37E-06	4.15E-06	2.40E-06	2.43E-06	2.20E-06	1.00E-06	1.01E-06	4.59E-08	1.11E-06	2.45E-07	3.29E-07	5.22E-07	9.21E-08	5.30E-07	2.87E-06
2029	494661.06	3859501.99	3.89E-03	3.93E-03	3.94E-03	1.35E-06	4.07E-06	2.35E-06	2.38E-06	2.16E-06	9.83E-07	9.88E-07	4.50E-08	1.09E-06	2.40E-07	3.23E-07	5.12E-07	9.03E-08	5.19E-07	2.81E-06
2030	494711.06	3859501.99	3.79E-03	3.83E-03	3.85E-03	1.31E-06	3.97E-06	2.30E-06	2.32E-06	2.11E-06	9.61E-07	9.65E-07	4.39E-08	1.06E-06	2.34E-07	3.15E-07	5.00E-07	8.82E-08	5.06E-07	2.75E-06
2031	494761.06	3859501.99	3.77E-03	3.81E-03	3.83E-03	1.31E-06	3.95E-06	2.29E-06	2.31E-06	2.09E-06	9.55E-07	9.59E-07	4.37E-08	1.05E-06	2.33E-07	3.13E-07	4.97E-07	8.76E-08	5.03E-07	2.73E-06
2032	494811.06	3859501.99	3.66E-03	3.70E-03	3.71E-03	1.27E-06	3.83E-06	2.22E-06	2.24E-06	2.03E-06	9.27E-07	9.30E-07	4.24E-08	1.02E-06	2.26E-07	3.04E-07	4.83E-07	8.51E-08	4.88E-07	2.65E-06
2033	494861.06	3859501.99	3.61E-03	3.65E-03	3.66E-03	1.25E-06	3.78E-06	2.19E-06	2.21E-06	2.01E-06	9.15E-07	9.17E-07	4.18E-08	1.01E-06	2.23E-07	3.00E-07	4.76E-07	8.40E-08	4.81E-07	2.62E-06
2034	494911.06	3859501.99	3.58E-03	3.62E-03	3.63E-03	1.24E-06	3.75E-06	2.17E-06	2.19E-06	1.99E-06	9.07E-07	9.09E-07	4.14E-08	1.00E-06	2.21E-07	2.98E-07	4.72E-07	8.32E-08	4.77E-07	2.59E-06
2035	494961.06	3859501.99	3.52E-03	3.56E-03	3.57E-03	1.22E-06	3.69E-06	2.13E-06	2.16E-06	1.96E-06	8.92E-07	8.94E-07	4.08E-08	9.85E-07	2.17E-07	2.93E-07	4.65E-07	8.19E-08	4.69E-07	2.55E-06
2036	495011.06	3859501.99	3.49E-03	3.53E-03	3.54E-03	1.21E-06	3.66E-06	2.12E-06	2.14E-06	1.94E-06	8.85E-07	8.87E-07	4.04E-08	9.77E-07	2.16E-07	2.91E-07	4.61E-07	8.12E-08	4.65E-07	2.53E-06
2037	495061.06	3859501.99	3.47E-03	3.50E-03	3.51E-03	1.20E-06	3.63E-06	2.10E-06	2.12E-06	1.92E-06	8.78E-07	8.79E-07	4.01E-08	9.69E-07	2.14E-07	2.88E-07	4.57E-07	8.06E-08	4.62E-07	2.51E-06
2038	495111.06	3859501.99	3.41E-03	3.45E-03	3.45E-03	1.18E-06	3.57E-06	2.07E-06	2.09E-06	1.89E-06	8.64E-07	8.65E-07	3.95E-08	9.54E-07	2.11E-07	2.84E-07	4.50E-07	7.93E-08	4.54E-07	2.47E-06
2039	495161.06	3859501.99	3.39E-03	3.42E-03	3.43E-03	1.17E-06	3.54E-06	2.05E-06	2.07E-06	1.88E-06	8.58E-07	8.59E-07	3.92E-08	9.47E-07	2.09E-07	2.82E-07	4.47E-07	7.87E-08	4.51E-07	2.45E-06
2040	495211.06	3859501.99	3.37E-03	3.41E-03	3.41E-03	1.17E-06	3.53E-06	2.04E-06	2.07E-06	1.87E-06	8.55E-07	8.55E-07	3.90E-08	9.43E-07	2.08E-07	2.80E-07	4.45E-07	7.84E-08	4.49E-07	2.44E-06
2041	495261.06	3859501.99	3.35E-03	3.38E-03	3.39E-03	1.16E-06	3.50E-06	2.03E-06	2.05E-06	1.86E-06	8.48E-07	8.49E-07	3.87E-08	9.36E-07	2.07E-07	2.78E-07	4.42E-07	7.78E-08	4.45E-07	2.42E-06
2042	495311.06	3859501.99	3.33E-03	3.36E-03	3.37E-03	1.15E-06	3.48E-06	2.02E-06	2.04E-06	1.85E-06	8.43E-07	8.43E-07	3.85E-08	9.30E-07	2.05E-07	2.77E-07	4.39E-07	7.74E-08	4.43E-07	2.41E-06
2043	495361.06	3859501.99	3.30E-03	3.33E-03	3.34E-03	1.14E-06	3.45E-06	2.00E-06	2.02E-06	1.83E-06	8.36E-07	8.36E-07	3.82E-08	9.22E-07	2.03E-07	2.74E-07	4.35E-07	7.67E-08	4.39E-07	2.39E-06
2044	495411.06	3859501.99	3.27E-03	3.31E-03	3.31E-03	1.13E-06	3.42E-06	1.98E-06	2.00E-06	1.82E-06	8.29E-07	8.29E-07	3.79E-08	9.15E-07	2.02E-07	2.72E-07	4.32E-07	7.61E-08	4.35E-07	2.37E-06
2045	495461.06	3859501.99	3.24E-03	3.27E-03	3.27E-03	1.12E-06	3.39E-06	1.96E-06	1.98E-06	1.80E-06	8.20E-07	8.20E-07	3.75E-08	9.05E-07	2.00E-07	2.69E-07	4.27E-07	7.53E-08	4.30E-07	2.34E-06
2046	495511.06	3859501.99	3.17E-03	3.20E-03	3.20E-03	1.10E-06	3.31E-06	1.92E-06	1.94E-06	1.76E-06	8.03E-07	8.02E-07	3.67E-08	8.86E-07	1.95E-07	2.64E-07	4.18E-07	7.37E-08	4.21E-07	2.29E-06
2047	495561.06	3859501.99	3.15E-03	3.19E-03	3.19E-03	1.09E-06	3.30E-06	1.91E-06	1.93E-06	1.75E-06	7.99E-07	7.98E-07	3.65E-08	8.81E-07	1.94E-07	2.62E-07	4.16E-07	7.33E-08	4.19E-07	2.28E-06
2048	495611.06	3859501.99	3.11E-03	3.15E-03	3.15E-03	1.08E-06	3.26E-06	1.89E-06	1.91E-06	1.73E-06	7.89E-07	7.88E-07	3.60E-08	8.71E-07	1.92E-07	2.59E-07	4.11E-07	7.24E-08	4.14E-07	2.26E-06
2049	495661.06	3859501.99	3.07E-03	3.11E-03	3.10E-03	1.07E-06	3.22E-06	1.86E-06	1.88E-06	1.71E-06	7.79E-07	7.78E-07	3.56E-08	8.59E-07	1.90E-07	2.56E-07	4.06E-07	7.15E-08	4.08E-07	2.23E-06
2050	494311.06	3859551.99	4.36E-03	4.41E-03	4.45E-03	1.51E-06	4.57E-06	2.64E-06	2.67E-06	2.42E-06	1.10E-06	1.11E-06	5.05E-08	1.22E-06	2.69E-07	3.62E-07	5.75E-07	1.01E-07	5.85E-07	3.16E-06
2051	494361.06	3859551.99	4.27E-03	4.31E-03	4.35E-03	1.48E-06	4.47E-06	2.59E-06	2.61E-06	2.37E-06	1.08E-06	1.09E-06	4.94E-08	1.19E-06	2.63E-07	3.54E-07	5.62E-07	9.91E-08	5.72E-07	3.09E-06
2052	494411.06	3859551.99	4.13E-03	4.17E-03	4.20E-03	1.43E-06	4.32E-06	2.50E-06	2.53E-06	2.29E-06	1.04E-06	1.05E-06	4.78E-08	1.15E-06	2.55E-07	3.43E-07	5.44E-07	9.59E-08	5.53E-07	2.99E-06
2053	494461.06	3859551.99	4.14E-03	4.18E-03	4.22E-03	1.44E-06	4.34E-06	2.51E-06	2.53E-06	2.30E-06	1.05E-06	1.06E-06	4.79E-08	1.16E-06	2.56E-07	3.44E-07	5.46E-07	9.62E-08	5.54E-07	3.00E-06
2054	494511.06	3859551.99	4.07E-03	4.11E-03	4.14E-03	1.41E-06	4.26E-06	2.47E-06	2.49E-06	2.26E-06	1.03E-06	1.04E-06	4.71E-08	1.14E-06	2.51E-07	3.38E-07	5.36E-07	9.45E-08	5.45E-07	2.95E-06
2055	494561.06	3859551.99	4.02E-03	4.06E-03	4.08E-03	1.39E-06	4.20E-06	2.43E-06	2.46E-06	2.23E-06	1.02E-06	1.02E-06	4.65E-08	1.12E-06	2.48E-07	3.34E-07	5.29E-07	9.33E-08	5.37E-07	2.91E-06
2056	494611.06	3859551.99	3.98E-03	4.02E-03	4.05E-03	1.38E-06	4.17E-06	2.41E-06	2.44E-06	2.21E-06	1.01E-06	1.01E-06	4.61E-08	1.11E-06	2.46E-07	3.31E-07	5.25E-07	9.25E-08	5.33E-07	2.89E-06
2057	494661.06	3859551.99	3.94E-03	3.98E-03	4.00E-03	1.36E-06	4.12E-06	2.39E-06	2.41E-06	2.18E-06	9.96E-07	1.00E-06	4.56E-08	1.10E-06	2.43E-07	3.27E-07	5.19E-07	9.14E-08	5.26E-07	2.85E-06
2058	494711.06	3859551.99	3.80E-03	3.84E-03	3.86E-03	1.32E-06	3.98E-06	2.30E-06	2.33E-06	2.11E-06	9.62E-07	9.67E-07	4.40E-08	1.06E-06	2.35E-07	3.16E-07	5.01E-07	8.83E-08	5.08E-07	2.75E-06
2059	494761.06	3859551.99	3.82E-03	3.86E-03	3.88E-03	1.32E-06	4.00E-06	2.31E-06	2.34E-06	2.12E-06	9.67E-07	9.72E-07	4.42E-08	1.07E-06	2.36E-07	3.17E-07	5.03E-07	8.87E-08	5.10E-07	2.77E-06
2060	494811.06	3859551.99	3.72E-03	3.76E-03	3.78E-03	1.29E-06	3.90E-06	2.26E-06	2.28E-06	2.07E-06	9.43E-07	9.47E-07	4.31E-08	1.04E-06	2.30E-07	3.09E-07	4.91E-07	8.65E-08	4.97E-07	2.70E-06

2061	494861.06	3859551.99	3.68E-03	3.72E-03	3.73E-03	1.27E-06	3.85E-06	2.23E-06	2.25E-06	2.04E-06	9.31E-07	9.35E-07	4.26E-08	1.03E-06	2.27E-07	3.06E-07	4.85E-07	8.54E-08	4.91E-07	2.66E-06
2062	494911.06	3859551.99	3.62E-03	3.66E-03	3.67E-03	1.26E-06	3.79E-06	2.20E-06	2.22E-06	2.01E-06	9.17E-07	9.21E-07	4.19E-08	1.01E-06	2.24E-07	3.01E-07	4.78E-07	8.42E-08	4.83E-07	2.62E-06
2063	494961.06	3859551.99	3.59E-03	3.63E-03	3.64E-03	1.25E-06	3.76E-06	2.18E-06	2.20E-06	1.99E-06	9.10E-07	9.13E-07	4.16E-08	1.00E-06	2.22E-07	2.99E-07	4.74E-07	8.35E-08	4.79E-07	2.60E-06
2064	495011.06	3859551.99	3.57E-03	3.61E-03	3.62E-03	1.24E-06	3.74E-06	2.16E-06	2.19E-06	1.98E-06	9.04E-07	9.07E-07	4.13E-08	9.98E-07	2.20E-07	2.97E-07	4.71E-07	8.30E-08	4.76E-07	2.59E-06
2065	495061.06	3859551.99	3.53E-03	3.57E-03	3.58E-03	1.22E-06	3.69E-06	2.14E-06	2.16E-06	1.96E-06	8.94E-07	8.96E-07	4.09E-08	9.87E-07	2.18E-07	2.93E-07	4.65E-07	8.20E-08	4.70E-07	2.56E-06
2066	495111.06	3859551.99	3.48E-03	3.52E-03	3.53E-03	1.21E-06	3.64E-06	2.11E-06	2.13E-06	1.93E-06	8.81E-07	8.83E-07	4.03E-08	9.73E-07	2.15E-07	2.89E-07	4.59E-07	8.09E-08	4.64E-07	2.52E-06
2067	495161.06	3859551.99	3.46E-03	3.50E-03	3.50E-03	1.20E-06	3.62E-06	2.10E-06	2.12E-06	1.92E-06	8.76E-07	8.78E-07	4.00E-08	9.67E-07	2.13E-07	2.88E-07	4.56E-07	8.04E-08	4.61E-07	2.50E-06
2068	495211.06	3859551.99	3.44E-03	3.48E-03	3.49E-03	1.19E-06	3.60E-06	2.09E-06	2.11E-06	1.91E-06	8.72E-07	8.74E-07	3.99E-08	9.63E-07	2.12E-07	2.86E-07	4.54E-07	8.01E-08	4.59E-07	2.49E-06
2069	495261.06	3859551.99	3.40E-03	3.44E-03	3.45E-03	1.18E-06	3.56E-06	2.06E-06	2.08E-06	1.89E-06	8.62E-07	8.64E-07	3.94E-08	9.52E-07	2.10E-07	2.83E-07	4.49E-07	7.91E-08	4.53E-07	2.47E-06
2070	495311.06	3859551.99	3.37E-03	3.41E-03	3.41E-03	1.17E-06	3.53E-06	2.04E-06	2.07E-06	1.87E-06	8.54E-07	8.56E-07	3.90E-08	9.43E-07	2.08E-07	2.80E-07	4.45E-07	7.84E-08	4.49E-07	2.44E-06
2071	495361.06	3859551.99	3.35E-03	3.38E-03	3.39E-03	1.16E-06	3.50E-06	2.03E-06	2.05E-06	1.86E-06	8.48E-07	8.49E-07	3.87E-08	9.35E-07	2.06E-07	2.78E-07	4.41E-07	7.78E-08	4.45E-07	2.42E-06
2072	495411.06	3859551.99	3.33E-03	3.36E-03	3.37E-03	1.15E-06	3.48E-06	2.01E-06	2.04E-06	1.85E-06	8.43E-07	8.44E-07	3.85E-08	9.30E-07	2.05E-07	2.77E-07	4.39E-07	7.73E-08	4.43E-07	2.41E-06
2073	495461.06	3859551.99	3.28E-03	3.31E-03	3.32E-03	1.14E-06	3.43E-06	1.98E-06	2.01E-06	1.82E-06	8.30E-07	8.31E-07	3.79E-08	9.16E-07	2.02E-07	2.72E-07	4.32E-07	7.62E-08	4.36E-07	2.37E-06
2074	495511.06	3859551.99	3.23E-03	3.26E-03	3.26E-03	1.12E-06	3.38E-06	1.95E-06	1.98E-06	1.79E-06	8.17E-07	8.18E-07	3.73E-08	9.02E-07	1.99E-07	2.68E-07	4.26E-07	7.50E-08	4.29E-07	2.34E-06
2075	495561.06	3859551.99	3.19E-03	3.23E-03	3.23E-03	1.11E-06	3.34E-06	1.94E-06	1.96E-06	1.77E-06	8.09E-07	8.09E-07	3.70E-08	8.93E-07	1.97E-07	2.66E-07	4.21E-07	7.43E-08	4.25E-07	2.31E-06
2076	495611.06	3859551.99	3.16E-03	3.20E-03	3.20E-03	1.10E-06	3.31E-06	1.92E-06	1.94E-06	1.76E-06	8.01E-07	8.01E-07	3.66E-08	8.84E-07	1.95E-07	2.63E-07	4.17E-07	7.35E-08	4.20E-07	2.29E-06
2077	495661.06	3859551.99	3.12E-03	3.16E-03	3.16E-03	1.08E-06	3.27E-06	1.89E-06	1.91E-06	1.73E-06	7.91E-07	7.91E-07	3.61E-08	8.73E-07	1.93E-07	2.60E-07	4.12E-07	7.26E-08	4.15E-07	2.26E-06
2078	494311.06	3859601.99	4.41E-03	4.45E-03	4.50E-03	1.53E-06	4.62E-06	2.67E-06	2.70E-06	2.45E-06	1.12E-06	1.13E-06	5.11E-08	1.23E-06	2.72E-07	3.66E-07	5.81E-07	1.02E-07	5.92E-07	3.20E-06
2079	494361.06	3859601.99	4.26E-03	4.30E-03	4.34E-03	1.48E-06	4.46E-06	2.58E-06	2.61E-06	2.36E-06	1.08E-06	1.09E-06	4.93E-08	1.19E-06	2.63E-07	3.54E-07	5.61E-07	9.89E-08	5.71E-07	3.09E-06
2080	494411.06	3859601.99	4.18E-03	4.22E-03	4.26E-03	1.45E-06	4.37E-06	2.53E-06	2.55E-06	2.32E-06	1.06E-06	1.07E-06	4.84E-08	1.17E-06	2.58E-07	3.47E-07	5.50E-07	9.70E-08	5.60E-07	3.03E-06
2081	494461.06	3859601.99	4.18E-03	4.22E-03	4.26E-03	1.45E-06	4.38E-06	2.53E-06	2.56E-06	2.32E-06	1.06E-06	1.07E-06	4.84E-08	1.17E-06	2.58E-07	3.47E-07	5.51E-07	9.71E-08	5.60E-07	3.03E-06
2082	494511.06	3859601.99	4.08E-03	4.12E-03	4.16E-03	1.42E-06	4.27E-06	2.47E-06	2.50E-06	2.26E-06	1.03E-06	1.04E-06	4.73E-08	1.14E-06	2.52E-07	3.39E-07	5.38E-07	9.48E-08	5.47E-07	2.96E-06
2083	494561.06	3859601.99	4.07E-03	4.11E-03	4.15E-03	1.41E-06	4.26E-06	2.47E-06	2.49E-06	2.26E-06	1.03E-06	1.04E-06	4.72E-08	1.14E-06	2.51E-07	3.38E-07	5.37E-07	9.46E-08	5.45E-07	2.95E-06
2084	494611.06	3859601.99	4.04E-03	4.08E-03	4.12E-03	1.40E-06	4.23E-06	2.45E-06	2.47E-06	2.24E-06	1.02E-06	1.03E-06	4.68E-08	1.13E-06	2.50E-07	3.36E-07	5.33E-07	9.39E-08	5.41E-07	2.93E-06
2085	494661.06	3859601.99	3.94E-03	3.98E-03	4.01E-03	1.37E-06	4.12E-06	2.39E-06	2.41E-06	2.18E-06	9.97E-07	1.00E-06	4.56E-08	1.10E-06	2.43E-07	3.27E-07	5.19E-07	9.15E-08	5.27E-07	2.85E-06
2086	494711.06	3859601.99	3.85E-03	3.89E-03	3.91E-03	1.33E-06	4.03E-06	2.33E-06	2.35E-06	2.13E-06	9.74E-07	9.80E-07	4.45E-08	1.08E-06	2.37E-07	3.20E-07	5.07E-07	8.94E-08	5.14E-07	2.79E-06
2087	494761.06	3859601.99	3.89E-03	3.93E-03	3.95E-03	1.35E-06	4.07E-06	2.36E-06	2.38E-06	2.16E-06	9.84E-07	9.91E-07	4.50E-08	1.09E-06	2.40E-07	3.23E-07	5.12E-07	9.03E-08	5.20E-07	2.82E-06
2088	494811.06	3859601.99	3.79E-03	3.83E-03	3.85E-03	1.31E-06	3.96E-06	2.29E-06	2.32E-06	2.10E-06	9.59E-07	9.64E-07	4.38E-08	1.06E-06	2.34E-07	3.15E-07	4.99E-07	8.80E-08	5.06E-07	2.74E-06
2089	494861.06	3859601.99	3.75E-03	3.79E-03	3.81E-03	1.30E-06	3.92E-06	2.27E-06	2.29E-06	2.08E-06	9.48E-07	9.54E-07	4.34E-08	1.05E-06	2.31E-07	3.11E-07	4.94E-07	8.70E-08	5.00E-07	2.71E-06
2090	494911.06	3859601.99	3.67E-03	3.71E-03	3.73E-03	1.27E-06	3.84E-06	2.23E-06	2.25E-06	2.04E-06	9.30E-07	9.35E-07	4.25E-08	1.03E-06	2.27E-07	3.05E-07	4.84E-07	8.54E-08	4.90E-07	2.66E-06
2091	494961.06	3859601.99	3.68E-03	3.72E-03	3.73E-03	1.27E-06	3.85E-06	2.23E-06	2.25E-06	2.04E-06	9.31E-07	9.36E-07	4.26E-08	1.03E-06	2.27E-07	3.06E-07	4.85E-07	8.54E-08	4.91E-07	2.66E-06
2092	495011.06	3859601.99	3.60E-03	3.64E-03	3.65E-03	1.25E-06	3.77E-06	2.18E-06	2.20E-06	2.00E-06	9.12E-07	9.16E-07	4.17E-08	1.01E-06	2.22E-07	2.99E-07	4.75E-07	8.37E-08	4.81E-07	2.61E-06
2093	495061.06	3859601.99	3.59E-03	3.63E-03	3.64E-03	1.24E-06	3.76E-06	2.17E-06	2.20E-06	1.99E-06	9.09E-07	9.13E-07	4.15E-08	1.00E-06	2.21E-07	2.98E-07	4.73E-07	8.34E-08	4.79E-07	2.60E-06
2094	495111.06	3859601.99	3.54E-03	3.57E-03	3.59E-03	1.23E-06	3.70E-06	2.14E-06	2.16E-06	1.96E-06	8.95E-07	8.98E-07	4.09E-08	9.88E-07	2.18E-07	2.94E-07	4.66E-07	8.21E-08	4.71E-07	2.56E-06
2095	495161.06	3859601.99	3.52E-03	3.55E-03	3.57E-03	1.22E-06	3.68E-06	2.13E-06	2.15E-06	1.95E-06	8.90E-07	8.93E-07	4.07E-08	9.83E-07	2.17E-07	2.92E-07	4.64E-07	8.17E-08	4.69E-07	2.55E-06
2096	495211.06	3859601.99	3.48E-03	3.52E-03	3.53E-03	1.21E-06	3.65E-06	2.11E-06	2.13E-06	1.93E-06	8.82E-07	8.85E-07	4.03E-08	9.74E-07	2.15E-07	2.90E-07	4.59E-07	8.10E-08	4.65E-07	2.52E-06
2097	495261.06	3859601.99	3.46E-03	3.50E-03	3.51E-03	1.20E-06	3.62E-06	2.10E-06	2.12E-06	1.92E-06	8.76E-07	8.79E-07	4.00E-08	9.67E-07	2.13E-07	2.88E-07	4.56E-07	8.04E-08	4.61E-07	2.51E-06
2098	495311.06	3859601.99	3.44E-03	3.47E-03	3.48E-03	1.19E-06	3.60E-06	2.08E-06	2.10E-06	1.91E-06	8.71E-07	8.73E-07	3.98E-08	9.61E-07	2.12E-07	2.86E-07	4.53E-07	7.99E-08	4.58E-07	2.49E-06
2099	495361.06	3859601.99	3.40E-03	3.44E-03	3.45E-03	1.18E-06	3.56E-06	2.06E-06	2.08E-06	1.89E-06	8.62E-07	8.64E-07	3.94E-08	9.52E-07	2.10E-07	2.83E-07	4.49E-07	7.91E-08	4.54E-07	2.47E-06
2100	495411.06	3859601.99	3.38E-03	3.42E-03	3.43E-03	1.17E-06	3.54E-06	2.05E-06	2.07E-06	1.88E-06	8.56E-07	8.58E-07	3.91E-08	9.45E-07	2.09E-07	2.81E-07	4.46E-07	7.86E-08	4.50E-07	2.45E-06
2101	495461.06	3859601.99	3.32E-03	3.36E-03	3.36E-03	1.15E-06	3.47E-06	2.01E-06	2.03E-06	1.84E-06	8.41E-07	8.43E-07	3.84E-08	9.28E-07	2.05E-07	2.76E-07	4.38E-07	7.72E-08	4.42E-07	2.40E-06
2102	495511.06	3859601.99	3.27E-03	3.30E-03	3.31E-03	1.13E-06	3.42E-06	1.98E-06	2.00E-06	1.81E-06	8.27E-07	8.29E-07	3.78E-08	9.13E-07	2.01E-07	2.72E-07	4.31E-07	7.59E-08	4.35E-07	2.37E-06
2103	495561.06	3859601.99	3.25E-03	3.29E-03	3.29E-03	1.13E-06	3.40E-06	1.97E-06	1.99E-06	1.81E-06	8.24E-07	8.25E-07	3.76E-08	9.09E-07	2.01E-07	2.71E-07	4.29E-07	7.56E-08	4.33E-07	2.36E-06
2104	495611.06	3859601.99	3.19E-03	3.23E-03	3.23E-03	1.11E-06	3.34E-06	1.93E-06	1.96E-06	1.77E-06	8.09E-07	8.09E-07	3.69E-08	8.92E-07	1.97E-07	2.65E-07	4.21E-07	7.42E-08	4.25E-07	2.31E-06
2105	495661.06	3859601.99	3.17E-03	3.21E-03	3.21E-03	1.10E-06	3.32E-06	1.92E-06	1.94E-06	1.76E-06	8.03E-07	8.04E-07	3.67E-08	8.86E-07	1.96E-07	2.64E-07	4.18E-07	7.37E-08	4.22E-07	2.30E-06
2106	494311.06	3859651.99	4.42E-03	4.45E-03	4.51E-03	1.53E-06	4.62E-06	2.67E-06	2.70E-06	2.45E-06	1.12E-06	1.13E-06	5.11E-08	1.23E-06	2.72E-07	3.66E-07	5.81E-07	1.02E-07	5.93E-07	3.20E-06
2107	494361.06	3859651.99	4.28E-03	4.32E-03	4.36E-03	1.48E-06	4.48E-06	2.59E-06	2.62E-06	2.37E-06	1.08E-06	1.09E-06	4.95E-08	1.20E-06	2.64E-07	3.55E-07	5.63E-07	9.93E-08	5.74E-07	3.10E-06
2108	494411.06	3859651.99	4.22E-03	4.26E-03	4.31E-03	1.46E-06	4.42E-06	2.56E-06	2.58E-06	2.34E-06	1.07E-06	1.08E-06	4.89E-08	1.18E-06	2.61E-07	3.51E-07	5.56E-07	9.80E-08	5.66E-07	3.06E-06
2109	494461.06	3859651.99	4.22E-03	4.26E-03	4.31E-03	1.46E-06	4.42E-06	2.56E-06	2.58E-06	2.34E-06	1.07E-06	1.08E-06	4.89E-08	1.18E-06	2.61E-07	3.51E-07	5.56E-07	9.80E-08	5.66E-07	3.06E-06
2110	494511.06	3859651.99	4.16E-03	4.20E-03	4.24E-03	1.44E-06	4.36E-06	2.52E-06	2.55E-06	2.31E-06	1.05E-06	1.06E-06	4.82E-08	1.16E-06	2.57E-07	3.46E-07	5.48E-07	9.67E-08	5.58E-07	3.02E-06
2111	494561.06	3859651.99	4.13E-03	4.17E-03	4.20E-03	1.43E-06	4.32E-06	2.50E-06	2.52E-06	2.29E-06	1.04E-06	1.05E-06	4.78E-08	1.15E-06	2.55E-07	3.43E-07	5.43E-07	9.58E-08	5.53E-07	2.99E-06
2112	494611.06	3859651.99	4.09E-03	4.12E-03	4.16E-03	1.42E-06	4.28E-06	2.48E-06	2.50E-06	2.26E-06	1.03E-06	1.04E-06	4.73E-08	1.14E-06	2.52E-07	3.39E-07	5.38E-07	9.48E-08	5.47E-07	2.96E-06
2113	494661.06	3859651.99	3.97E-03	4.01E-03	4.04E-03	1.38E-06	4.15E-06	2.40E-06	2.43E-06	2.20E-06	1.00E-06	1.01E-06	4.59E-08	1.11E-06	2.45E-07	3.30E-07	5.23E-07	9.21E-08	5.31E-07	2.88E-06

2114	494711.06	3859651.99	3.93E-03	3.97E-03	4.00E-03	1.36E-06	4.12E-06	2.38E-06	2.41E-06	2.18E-06	9.95E-07	1.00E-06	4.55E-08	1.10E-06	2.43E-07	3.27E-07	5.18E-07	9.13E-08	5.26E-07	2.85E-06
2115	494761.06	3859651.99	3.91E-03	3.95E-03	3.98E-03	1.36E-06	4.09E-06	2.37E-06	2.39E-06	2.17E-06	9.89E-07	9.97E-07	4.52E-08	1.09E-06	2.41E-07	3.25E-07	5.15E-07	9.08E-08	5.23E-07	2.83E-06
2116	494811.06	3859651.99	3.84E-03	3.88E-03	3.91E-03	1.33E-06	4.02E-06	2.33E-06	2.35E-06	2.13E-06	9.72E-07	9.79E-07	4.45E-08	1.07E-06	2.37E-07	3.19E-07	5.06E-07	8.92E-08	5.14E-07	2.78E-06
2117	494861.06	3859651.99	3.81E-03	3.85E-03	3.87E-03	1.32E-06	3.99E-06	2.31E-06	2.33E-06	2.11E-06	9.64E-07	9.71E-07	4.41E-08	1.06E-06	2.35E-07	3.16E-07	5.02E-07	8.85E-08	5.09E-07	2.76E-06
2118	494911.06	3859651.99	3.76E-03	3.80E-03	3.82E-03	1.30E-06	3.94E-06	2.28E-06	2.30E-06	2.09E-06	9.52E-07	9.58E-07	4.35E-08	1.05E-06	2.32E-07	3.12E-07	4.96E-07	8.73E-08	5.03E-07	2.73E-06
2119	494961.06	3859651.99	3.72E-03	3.76E-03	3.79E-03	1.29E-06	3.90E-06	2.26E-06	2.28E-06	2.07E-06	9.43E-07	9.48E-07	4.31E-08	1.04E-06	2.30E-07	3.09E-07	4.91E-07	8.65E-08	4.98E-07	2.70E-06
2120	495011.06	3859651.99	3.68E-03	3.72E-03	3.74E-03	1.28E-06	3.85E-06	2.23E-06	2.25E-06	2.04E-06	9.31E-07	9.37E-07	4.26E-08	1.03E-06	2.27E-07	3.06E-07	4.85E-07	8.55E-08	4.92E-07	2.67E-06
2121	495061.06	3859651.99	3.65E-03	3.69E-03	3.71E-03	1.27E-06	3.82E-06	2.21E-06	2.24E-06	2.03E-06	9.25E-07	9.30E-07	4.23E-08	1.02E-06	2.25E-07	3.04E-07	4.82E-07	8.49E-08	4.88E-07	2.65E-06
2122	495111.06	3859651.99	3.61E-03	3.64E-03	3.66E-03	1.25E-06	3.77E-06	2.18E-06	2.21E-06	2.00E-06	9.13E-07	9.17E-07	4.17E-08	1.01E-06	2.22E-07	3.00E-07	4.75E-07	8.38E-08	4.82E-07	2.61E-06
2123	495161.06	3859651.99	3.57E-03	3.61E-03	3.63E-03	1.24E-06	3.74E-06	2.16E-06	2.19E-06	1.98E-06	9.04E-07	9.09E-07	4.13E-08	9.99E-07	2.20E-07	2.97E-07	4.71E-07	8.30E-08	4.77E-07	2.59E-06
2124	495211.06	3859651.99	3.55E-03	3.58E-03	3.60E-03	1.23E-06	3.71E-06	2.15E-06	2.17E-06	1.97E-06	8.98E-07	9.02E-07	4.11E-08	9.92E-07	2.19E-07	2.95E-07	4.68E-07	8.24E-08	4.73E-07	2.57E-06
2125	495261.06	3859651.99	3.51E-03	3.55E-03	3.56E-03	1.22E-06	3.68E-06	2.13E-06	2.15E-06	1.95E-06	8.89E-07	8.93E-07	4.06E-08	9.82E-07	2.17E-07	2.92E-07	4.63E-07	8.16E-08	4.69E-07	2.54E-06
2126	495311.06	3859651.99	3.48E-03	3.52E-03	3.53E-03	1.21E-06	3.65E-06	2.11E-06	2.13E-06	1.93E-06	8.82E-07	8.85E-07	4.03E-08	9.74E-07	2.15E-07	2.89E-07	4.59E-07	8.09E-08	4.65E-07	2.52E-06
2127	495361.06	3859651.99	3.46E-03	3.49E-03	3.51E-03	1.20E-06	3.62E-06	2.09E-06	2.12E-06	1.92E-06	8.75E-07	8.79E-07	4.00E-08	9.67E-07	2.13E-07	2.87E-07	4.56E-07	8.03E-08	4.61E-07	2.50E-06
2128	495411.06	3859651.99	3.42E-03	3.46E-03	3.47E-03	1.19E-06	3.58E-06	2.07E-06	2.10E-06	1.90E-06	8.67E-07	8.70E-07	3.96E-08	9.57E-07	2.11E-07	2.85E-07	4.51E-07	7.96E-08	4.57E-07	2.48E-06
2129	495461.06	3859651.99	3.37E-03	3.40E-03	3.41E-03	1.17E-06	3.52E-06	2.04E-06	2.06E-06	1.87E-06	8.52E-07	8.55E-07	3.89E-08	9.41E-07	2.08E-07	2.80E-07	4.44E-07	7.82E-08	4.49E-07	2.44E-06
2130	495511.06	3859651.99	3.32E-03	3.35E-03	3.36E-03	1.15E-06	3.47E-06	2.01E-06	2.03E-06	1.84E-06	8.40E-07	8.42E-07	3.84E-08	9.27E-07	2.05E-07	2.76E-07	4.37E-07	7.71E-08	4.42E-07	2.40E-06
2131	495561.06	3859651.99	3.29E-03	3.33E-03	3.33E-03	1.14E-06	3.44E-06	1.99E-06	2.01E-06	1.83E-06	8.33E-07	8.35E-07	3.81E-08	9.20E-07	2.03E-07	2.74E-07	4.34E-07	7.65E-08	4.38E-07	2.38E-06
2132	495611.06	3859651.99	3.25E-03	3.29E-03	3.30E-03	1.13E-06	3.40E-06	1.97E-06	1.99E-06	1.81E-06	8.24E-07	8.26E-07	3.77E-08	9.10E-07	2.01E-07	2.70E-07	4.29E-07	7.56E-08	4.33E-07	2.36E-06
2133	495661.06	3859651.99	3.21E-03	3.25E-03	3.25E-03	1.11E-06	3.36E-06	1.95E-06	1.97E-06	1.78E-06	8.14E-07	8.15E-07	3.72E-08	8.98E-07	1.98E-07	2.67E-07	4.24E-07	7.47E-08	4.28E-07	2.33E-06
2134	494311.06	3859701.99	4.33E-03	4.37E-03	4.42E-03	1.50E-06	4.54E-06	2.63E-06	2.65E-06	2.40E-06	1.10E-06	1.11E-06	5.02E-08	1.21E-06	2.67E-07	3.60E-07	5.71E-07	1.01E-07	5.82E-07	3.14E-06
2135	494361.06	3859701.99	4.27E-03	4.31E-03	4.36E-03	1.48E-06	4.47E-06	2.59E-06	2.61E-06	2.37E-06	1.08E-06	1.09E-06	4.95E-08	1.19E-06	2.64E-07	3.55E-07	5.63E-07	9.91E-08	5.73E-07	3.10E-06
2136	494411.06	3859701.99	4.24E-03	4.28E-03	4.33E-03	1.47E-06	4.44E-06	2.57E-06	2.59E-06	2.35E-06	1.07E-06	1.08E-06	4.91E-08	1.19E-06	2.62E-07	3.52E-07	5.59E-07	9.84E-08	5.69E-07	3.07E-06
2137	494461.06	3859701.99	4.26E-03	4.30E-03	4.35E-03	1.48E-06	4.46E-06	2.58E-06	2.60E-06	2.36E-06	1.08E-06	1.09E-06	4.93E-08	1.19E-06	2.63E-07	3.54E-07	5.61E-07	9.88E-08	5.72E-07	3.09E-06
2138	494511.06	3859701.99	4.21E-03	4.25E-03	4.29E-03	1.46E-06	4.40E-06	2.55E-06	2.57E-06	2.33E-06	1.06E-06	1.08E-06	4.87E-08	1.18E-06	2.60E-07	3.49E-07	5.54E-07	9.77E-08	5.65E-07	3.05E-06
2139	494561.06	3859701.99	4.17E-03	4.21E-03	4.26E-03	1.45E-06	4.37E-06	2.53E-06	2.55E-06	2.31E-06	1.06E-06	1.07E-06	4.83E-08	1.17E-06	2.57E-07	3.46E-07	5.50E-07	9.69E-08	5.60E-07	3.03E-06
2140	494611.06	3859701.99	4.14E-03	4.17E-03	4.22E-03	1.43E-06	4.33E-06	2.51E-06	2.53E-06	2.29E-06	1.05E-06	1.06E-06	4.79E-08	1.16E-06	2.55E-07	3.43E-07	5.45E-07	9.60E-08	5.55E-07	3.00E-06
2141	494661.06	3859701.99	4.01E-03	4.05E-03	4.08E-03	1.39E-06	4.19E-06	2.43E-06	2.45E-06	2.22E-06	1.01E-06	1.02E-06	4.64E-08	1.12E-06	2.47E-07	3.33E-07	5.28E-07	9.30E-08	5.37E-07	2.90E-06
2142	494711.06	3859701.99	3.99E-03	4.03E-03	4.07E-03	1.38E-06	4.18E-06	2.42E-06	2.44E-06	2.21E-06	1.01E-06	1.02E-06	4.62E-08	1.12E-06	2.46E-07	3.32E-07	5.26E-07	9.27E-08	5.35E-07	2.89E-06
2143	494761.06	3859701.99	3.93E-03	3.97E-03	4.01E-03	1.36E-06	4.12E-06	2.38E-06	2.41E-06	2.18E-06	9.95E-07	1.00E-06	4.55E-08	1.10E-06	2.43E-07	3.27E-07	5.18E-07	9.13E-08	5.27E-07	2.85E-06
2144	494811.06	3859701.99	3.87E-03	3.91E-03	3.94E-03	1.34E-06	4.05E-06	2.35E-06	2.37E-06	2.15E-06	9.80E-07	9.88E-07	4.48E-08	1.08E-06	2.39E-07	3.22E-07	5.10E-07	9.00E-08	5.19E-07	2.81E-06
2145	494861.06	3859701.99	3.87E-03	3.90E-03	3.94E-03	1.34E-06	4.05E-06	2.34E-06	2.36E-06	2.14E-06	9.78E-07	9.86E-07	4.47E-08	1.08E-06	2.38E-07	3.21E-07	5.09E-07	8.98E-08	5.17E-07	2.80E-06
2146	494911.06	3859701.99	3.82E-03	3.85E-03	3.88E-03	1.32E-06	3.99E-06	2.31E-06	2.33E-06	2.12E-06	9.66E-07	9.73E-07	4.42E-08	1.07E-06	2.35E-07	3.17E-07	5.03E-07	8.86E-08	5.11E-07	2.77E-06
2147	494961.06	3859701.99	3.77E-03	3.81E-03	3.83E-03	1.31E-06	3.95E-06	2.28E-06	2.31E-06	2.09E-06	9.54E-07	9.61E-07	4.36E-08	1.05E-06	2.33E-07	3.13E-07	4.97E-07	8.75E-08	5.04E-07	2.73E-06
2148	495011.06	3859701.99	3.74E-03	3.78E-03	3.81E-03	1.30E-06	3.92E-06	2.27E-06	2.29E-06	2.08E-06	9.47E-07	9.54E-07	4.33E-08	1.05E-06	2.31E-07	3.11E-07	4.93E-07	8.69E-08	5.01E-07	2.71E-06
2149	495061.06	3859701.99	3.71E-03	3.74E-03	3.77E-03	1.28E-06	3.88E-06	2.24E-06	2.27E-06	2.05E-06	9.38E-07	9.44E-07	4.29E-08	1.04E-06	2.29E-07	3.08E-07	4.88E-07	8.60E-08	4.95E-07	2.68E-06
2150	495111.06	3859701.99	3.67E-03	3.70E-03	3.73E-03	1.27E-06	3.84E-06	2.22E-06	2.24E-06	2.03E-06	9.28E-07	9.34E-07	4.24E-08	1.03E-06	2.26E-07	3.05E-07	4.83E-07	8.52E-08	4.90E-07	2.66E-06
2151	495161.06	3859701.99	3.62E-03	3.66E-03	3.68E-03	1.26E-06	3.79E-06	2.20E-06	2.22E-06	2.01E-06	9.17E-07	9.23E-07	4.19E-08	1.01E-06	2.24E-07	3.01E-07	4.78E-07	8.42E-08	4.84E-07	2.63E-06
2152	495211.06	3859701.99	3.58E-03	3.62E-03	3.64E-03	1.24E-06	3.75E-06	2.17E-06	2.19E-06	1.99E-06	9.06E-07	9.11E-07	4.14E-08	1.00E-06	2.21E-07	2.97E-07	4.72E-07	8.32E-08	4.78E-07	2.59E-06
2153	495261.06	3859701.99	3.57E-03	3.60E-03	3.62E-03	1.24E-06	3.73E-06	2.16E-06	2.18E-06	1.98E-06	9.03E-07	9.08E-07	4.13E-08	9.97E-07	2.20E-07	2.96E-07	4.70E-07	8.29E-08	4.77E-07	2.58E-06
2154	495311.06	3859701.99	3.53E-03	3.56E-03	3.58E-03	1.22E-06	3.69E-06	2.14E-06	2.16E-06	1.96E-06	8.93E-07	8.98E-07	4.08E-08	9.86E-07	2.18E-07	2.93E-07	4.65E-07	8.20E-08	4.71E-07	2.56E-06
2155	495361.06	3859701.99	3.49E-03	3.53E-03	3.54E-03	1.21E-06	3.65E-06	2.11E-06	2.14E-06	1.94E-06	8.83E-07	8.88E-07	4.04E-08	9.75E-07	2.15E-07	2.90E-07	4.60E-07	8.11E-08	4.66E-07	2.53E-06
2156	495411.06	3859701.99	3.44E-03	3.48E-03	3.49E-03	1.19E-06	3.60E-06	2.08E-06	2.11E-06	1.91E-06	8.71E-07	8.75E-07	3.98E-08	9.62E-07	2.12E-07	2.86E-07	4.54E-07	7.99E-08	4.59E-07	2.49E-06
2157	495461.06	3859701.99	3.40E-03	3.44E-03	3.45E-03	1.18E-06	3.56E-06	2.06E-06	2.08E-06	1.89E-06	8.61E-07	8.65E-07	3.94E-08	9.51E-07	2.10E-07	2.83E-07	4.49E-07	7.90E-08	4.54E-07	2.46E-06
2158	495511.06	3859701.99	3.33E-03	3.37E-03	3.38E-03	1.16E-06	3.49E-06	2.02E-06	2.04E-06	1.85E-06	8.44E-07	8.47E-07	3.86E-08	9.32E-07	2.06E-07	2.77E-07	4.39E-07	7.75E-08	4.44E-07	2.41E-06
2159	495561.06	3859701.99	3.33E-03	3.37E-03	3.38E-03	1.15E-06	3.49E-06	2.02E-06	2.04E-06	1.85E-06	8.43E-07	8.46E-07	3.85E-08	9.31E-07	2.05E-07	2.77E-07	4.39E-07	7.74E-08	4.44E-07	2.41E-06
2160	495611.06	3859701.99	3.30E-03	3.33E-03	3.34E-03	1.14E-06	3.45E-06	2.00E-06	2.02E-06	1.83E-06	8.35E-07	8.37E-07	3.81E-08	9.21E-07	2.03E-07	2.74E-07	4.35E-07	7.66E-08	4.39E-07	2.39E-06
2161	495661.06	3859701.99	3.26E-03	3.29E-03	3.30E-03	1.13E-06	3.41E-06	1.97E-06	2.00E-06	1.81E-06	8.25E-07	8.28E-07	3.77E-08	9.11E-07	2.01E-07	2.71E-07	4.30E-07	7.57E-08	4.34E-07	2.36E-06
2162	494311.06	3859751.99	4.39E-03	4.43E-03	4.49E-03	1.52E-06	4.59E-06	2.66E-06	2.68E-06	2.43E-06	1.11E-06	1.12E-06	5.08E-08	1.23E-06	2.71E-07	3.64E-07	5.78E-07	1.02E-07	5.90E-07	3.18E-06
2163	494361.06	3859751.99	4.34E-03	4.38E-03	4.43E-03	1.50E-06	4.54E-06	2.63E-06	2.65E-06	2.40E-06	1.10E-06	1.11E-06	5.02E-08	1.21E-06	2.68E-07	3.60E-07	5.71E-07	1.01E-07	5.83E-07	3.15E-06
2164	494411.06	3859751.99	4.28E-03	4.31E-03	4.36E-03	1.48E-06	4.47E-06	2.59E-06	2.61E-06	2.37E-06	1.08E-06	1.09E-06	4.95E-08	1.20E-06	2.64E-07	3.55E-07	5.63E-07	9.92E-08	5.74E-07	3.10E-06
2165	494461.06	3859751.99	4.28E-03	4.32E-03	4.37E-03	1.48E-06	4.48E-06	2.59E-06	2.62E-06	2.37E-06	1.08E-06	1.09E-06	4.95E-08	1.20E-06	2.64E-07	3.55E-07	5.63E-07	9.93E-08	5.74E-07	3.10E-06
2166	494511.06	3859751.99	4.26E-03	4.30E-03	4.35E-03	1.48E-06	4.46E-06	2.58E-06	2.60E-06	2.36E-06	1.08E-06	1.09E-06	4.93E-08	1.19E-06	2.63E-07	3.54E-07	5.61E-07	9.89E-08	5.72E-07	3.09E-06

2167	494561.06	3859751.99	4.21E-03	4.25E-03	4.30E-03	1.46E-06	4.41E-06	2.55E-06	2.58E-06	2.33E-06	1.07E-06	1.08E-06	4.88E-08	1.18E-06	2.60E-07	3.50E-07	5.55E-07	9.78E-08	5.66E-07	3.05E-06
2168	494611.06	3859751.99	4.15E-03	4.19E-03	4.24E-03	1.44E-06	4.34E-06	2.51E-06	2.54E-06	2.30E-06	1.05E-06	1.06E-06	4.80E-08	1.16E-06	2.56E-07	3.45E-07	5.47E-07	9.63E-08	5.57E-07	3.01E-06
2169	494661.06	3859751.99	4.05E-03	4.09E-03	4.13E-03	1.40E-06	4.24E-06	2.46E-06	2.48E-06	2.25E-06	1.03E-06	1.04E-06	4.69E-08	1.13E-06	2.50E-07	3.36E-07	5.34E-07	9.41E-08	5.43E-07	2.94E-06
2170	494711.06	3859751.99	4.04E-03	4.08E-03	4.12E-03	1.40E-06	4.23E-06	2.45E-06	2.47E-06	2.24E-06	1.02E-06	1.03E-06	4.68E-08	1.13E-06	2.49E-07	3.35E-07	5.32E-07	9.38E-08	5.42E-07	2.93E-06
2171	494761.06	3859751.99	4.01E-03	4.05E-03	4.09E-03	1.39E-06	4.19E-06	2.43E-06	2.45E-06	2.22E-06	1.01E-06	1.02E-06	4.64E-08	1.12E-06	2.47E-07	3.33E-07	5.28E-07	9.30E-08	5.37E-07	2.90E-06
2172	494811.06	3859751.99	3.95E-03	3.99E-03	4.03E-03	1.37E-06	4.14E-06	2.40E-06	2.42E-06	2.19E-06	1.00E-06	1.01E-06	4.58E-08	1.11E-06	2.44E-07	3.28E-07	5.21E-07	9.18E-08	5.30E-07	2.87E-06
2173	494861.06	3859751.99	3.92E-03	3.95E-03	3.99E-03	1.36E-06	4.10E-06	2.37E-06	2.39E-06	2.17E-06	9.90E-07	1.00E-06	4.53E-08	1.09E-06	2.42E-07	3.25E-07	5.16E-07	9.09E-08	5.25E-07	2.84E-06
2174	494911.06	3859751.99	3.88E-03	3.91E-03	3.95E-03	1.34E-06	4.06E-06	2.35E-06	2.37E-06	2.15E-06	9.81E-07	9.89E-07	4.49E-08	1.08E-06	2.39E-07	3.22E-07	5.11E-07	9.00E-08	5.19E-07	2.81E-06
2175	494961.06	3859751.99	3.84E-03	3.88E-03	3.91E-03	1.33E-06	4.02E-06	2.33E-06	2.35E-06	2.13E-06	9.71E-07	9.80E-07	4.44E-08	1.07E-06	2.37E-07	3.19E-07	5.06E-07	8.91E-08	5.14E-07	2.78E-06
2176	495011.06	3859751.99	3.80E-03	3.83E-03	3.87E-03	1.32E-06	3.97E-06	2.30E-06	2.32E-06	2.11E-06	9.61E-07	9.69E-07	4.39E-08	1.06E-06	2.34E-07	3.15E-07	5.00E-07	8.82E-08	5.08E-07	2.75E-06
2177	495061.06	3859751.99	3.77E-03	3.81E-03	3.84E-03	1.31E-06	3.94E-06	2.28E-06	2.31E-06	2.09E-06	9.54E-07	9.61E-07	4.36E-08	1.05E-06	2.33E-07	3.13E-07	4.97E-07	8.75E-08	5.04E-07	2.73E-06
2178	495111.06	3859751.99	3.73E-03	3.77E-03	3.79E-03	1.29E-06	3.90E-06	2.26E-06	2.28E-06	2.07E-06	9.44E-07	9.51E-07	4.32E-08	1.04E-06	2.30E-07	3.10E-07	4.91E-07	8.66E-08	4.99E-07	2.70E-06
2179	495161.06	3859751.99	3.69E-03	3.72E-03	3.75E-03	1.28E-06	3.86E-06	2.23E-06	2.25E-06	2.04E-06	9.32E-07	9.39E-07	4.26E-08	1.03E-06	2.27E-07	3.06E-07	4.86E-07	8.56E-08	4.93E-07	2.67E-06
2180	495211.06	3859751.99	3.64E-03	3.68E-03	3.70E-03	1.26E-06	3.81E-06	2.20E-06	2.23E-06	2.02E-06	9.21E-07	9.27E-07	4.21E-08	1.02E-06	2.25E-07	3.02E-07	4.80E-07	8.45E-08	4.87E-07	2.64E-06
2181	495261.06	3859751.99	3.61E-03	3.65E-03	3.67E-03	1.25E-06	3.78E-06	2.19E-06	2.21E-06	2.00E-06	9.14E-07	9.20E-07	4.18E-08	1.01E-06	2.23E-07	3.00E-07	4.76E-07	8.38E-08	4.83E-07	2.62E-06
2182	495311.06	3859751.99	3.57E-03	3.61E-03	3.63E-03	1.24E-06	3.74E-06	2.16E-06	2.18E-06	1.98E-06	9.04E-07	9.09E-07	4.13E-08	9.98E-07	2.20E-07	2.97E-07	4.71E-07	8.29E-08	4.77E-07	2.59E-06
2183	495361.06	3859751.99	3.53E-03	3.57E-03	3.59E-03	1.22E-06	3.70E-06	2.14E-06	2.16E-06	1.96E-06	8.95E-07	9.00E-07	4.09E-08	9.88E-07	2.18E-07	2.94E-07	4.66E-07	8.21E-08	4.72E-07	2.56E-06
2184	495411.06	3859751.99	3.50E-03	3.54E-03	3.56E-03	1.21E-06	3.66E-06	2.12E-06	2.14E-06	1.94E-06	8.86E-07	8.91E-07	4.05E-08	9.78E-07	2.16E-07	2.91E-07	4.61E-07	8.13E-08	4.68E-07	2.54E-06
2185	495461.06	3859751.99	3.45E-03	3.48E-03	3.50E-03	1.20E-06	3.61E-06	2.09E-06	2.11E-06	1.91E-06	8.73E-07	8.78E-07	3.99E-08	9.64E-07	2.13E-07	2.87E-07	4.55E-07	8.01E-08	4.61E-07	2.50E-06
2186	495511.06	3859751.99	3.40E-03	3.43E-03	3.45E-03	1.18E-06	3.56E-06	2.06E-06	2.08E-06	1.89E-06	8.60E-07	8.65E-07	3.93E-08	9.50E-07	2.10E-07	2.82E-07	4.48E-07	7.90E-08	4.54E-07	2.46E-06
2187	495561.06	3859751.99	3.36E-03	3.40E-03	3.41E-03	1.17E-06	3.52E-06	2.04E-06	2.06E-06	1.87E-06	8.51E-07	8.55E-07	3.89E-08	9.40E-07	2.07E-07	2.79E-07	4.43E-07	7.81E-08	4.49E-07	2.44E-06
2188	495611.06	3859751.99	3.33E-03	3.36E-03	3.38E-03	1.15E-06	3.48E-06	2.02E-06	2.04E-06	1.85E-06	8.43E-07	8.46E-07	3.85E-08	9.31E-07	2.05E-07	2.77E-07	4.39E-07	7.74E-08	4.44E-07	2.41E-06
2189	495661.06	3859751.99	3.30E-03	3.34E-03	3.35E-03	1.15E-06	3.46E-06	2.00E-06	2.02E-06	1.83E-06	8.37E-07	8.40E-07	3.82E-08	9.24E-07	2.04E-07	2.75E-07	4.36E-07	7.68E-08	4.41E-07	2.39E-06
2190	494311.06	3859801.99	4.44E-03	4.48E-03	4.54E-03	1.54E-06	4.65E-06	2.69E-06	2.72E-06	2.46E-06	1.12E-06	1.14E-06	5.14E-08	1.24E-06	2.74E-07	3.69E-07	5.85E-07	1.03E-07	5.98E-07	3.22E-06
2191	494361.06	3859801.99	4.37E-03	4.41E-03	4.47E-03	1.51E-06	4.57E-06	2.65E-06	2.67E-06	2.42E-06	1.10E-06	1.12E-06	5.06E-08	1.22E-06	2.70E-07	3.63E-07	5.75E-07	1.01E-07	5.87E-07	3.17E-06
2192	494411.06	3859801.99	4.29E-03	4.33E-03	4.39E-03	1.49E-06	4.49E-06	2.60E-06	2.62E-06	2.38E-06	1.09E-06	1.10E-06	4.97E-08	1.20E-06	2.65E-07	3.56E-07	5.65E-07	9.96E-08	5.77E-07	3.11E-06
2193	494461.06	3859801.99	4.29E-03	4.33E-03	4.38E-03	1.49E-06	4.49E-06	2.60E-06	2.62E-06	2.38E-06	1.08E-06	1.10E-06	4.97E-08	1.20E-06	2.65E-07	3.56E-07	5.65E-07	9.96E-08	5.77E-07	3.11E-06
2194	494511.06	3859801.99	4.29E-03	4.33E-03	4.39E-03	1.49E-06	4.49E-06	2.60E-06	2.62E-06	2.38E-06	1.09E-06	1.10E-06	4.97E-08	1.20E-06	2.65E-07	3.56E-07	5.65E-07	9.96E-08	5.77E-07	3.11E-06
2195	494561.06	3859801.99	4.25E-03	4.29E-03	4.34E-03	1.47E-06	4.45E-06	2.57E-06	2.60E-06	2.35E-06	1.07E-06	1.09E-06	4.92E-08	1.19E-06	2.62E-07	3.53E-07	5.59E-07	9.86E-08	5.71E-07	3.08E-06
2196	494611.06	3859801.99	4.16E-03	4.20E-03	4.25E-03	1.44E-06	4.35E-06	2.52E-06	2.54E-06	2.30E-06	1.05E-06	1.06E-06	4.81E-08	1.16E-06	2.57E-07	3.45E-07	5.48E-07	9.65E-08	5.58E-07	3.02E-06
2197	494661.06	3859801.99	4.11E-03	4.15E-03	4.19E-03	1.42E-06	4.30E-06	2.49E-06	2.51E-06	2.28E-06	1.04E-06	1.05E-06	4.76E-08	1.15E-06	2.53E-07	3.41E-07	5.41E-07	9.53E-08	5.51E-07	2.98E-06
2198	494711.06	3859801.99	4.05E-03	4.08E-03	4.13E-03	1.40E-06	4.23E-06	2.45E-06	2.47E-06	2.24E-06	1.02E-06	1.03E-06	4.68E-08	1.13E-06	2.50E-07	3.36E-07	5.33E-07	9.39E-08	5.43E-07	2.93E-06
2199	494761.06	3859801.99	4.05E-03	4.08E-03	4.13E-03	1.40E-06	4.24E-06	2.45E-06	2.47E-06	2.24E-06	1.02E-06	1.03E-06	4.68E-08	1.13E-06	2.50E-07	3.36E-07	5.33E-07	9.39E-08	5.43E-07	2.93E-06
2200	494811.06	3859801.99	4.00E-03	4.04E-03	4.08E-03	1.39E-06	4.18E-06	2.42E-06	2.44E-06	2.22E-06	1.01E-06	1.02E-06	4.63E-08	1.12E-06	2.47E-07	3.32E-07	5.27E-07	9.28E-08	5.36E-07	2.90E-06
2201	494861.06	3859801.99	3.97E-03	4.00E-03	4.04E-03	1.37E-06	4.15E-06	2.40E-06	2.42E-06	2.20E-06	1.00E-06	1.01E-06	4.59E-08	1.11E-06	2.45E-07	3.29E-07	5.22E-07	9.20E-08	5.32E-07	2.87E-06
2202	494911.06	3859801.99	3.91E-03	3.95E-03	3.99E-03	1.36E-06	4.09E-06	2.37E-06	2.39E-06	2.17E-06	9.90E-07	1.00E-06	4.53E-08	1.09E-06	2.41E-07	3.25E-07	5.15E-07	9.08E-08	5.25E-07	2.84E-06
2203	494961.06	3859801.99	3.88E-03	3.91E-03	3.95E-03	1.34E-06	4.06E-06	2.35E-06	2.37E-06	2.15E-06	9.80E-07	9.90E-07	4.48E-08	1.08E-06	2.39E-07	3.22E-07	5.10E-07	8.99E-08	5.19E-07	2.81E-06
2204	495011.06	3859801.99	3.83E-03	3.87E-03	3.91E-03	1.33E-06	4.01E-06	2.32E-06	2.34E-06	2.13E-06	9.70E-07	9.79E-07	4.44E-08	1.07E-06	2.37E-07	3.18E-07	5.05E-07	8.90E-08	5.14E-07	2.78E-06
2205	495061.06	3859801.99	3.80E-03	3.84E-03	3.87E-03	1.32E-06	3.98E-06	2.30E-06	2.33E-06	2.11E-06	9.62E-07	9.71E-07	4.40E-08	1.06E-06	2.35E-07	3.16E-07	5.01E-07	8.83E-08	5.09E-07	2.76E-06
2206	495111.06	3859801.99	3.76E-03	3.79E-03	3.83E-03	1.30E-06	3.93E-06	2.28E-06	2.30E-06	2.08E-06	9.50E-07	9.58E-07	4.35E-08	1.05E-06	2.32E-07	3.12E-07	4.95E-07	8.72E-08	5.03E-07	2.72E-06
2207	495161.06	3859801.99	3.71E-03	3.75E-03	3.78E-03	1.29E-06	3.88E-06	2.25E-06	2.27E-06	2.06E-06	9.39E-07	9.47E-07	4.30E-08	1.04E-06	2.29E-07	3.08E-07	4.89E-07	8.62E-08	4.97E-07	2.69E-06
2208	495211.06	3859801.99	3.68E-03	3.72E-03	3.75E-03	1.28E-06	3.85E-06	2.23E-06	2.25E-06	2.04E-06	9.31E-07	9.39E-07	4.26E-08	1.03E-06	2.27E-07	3.06E-07	4.85E-07	8.55E-08	4.93E-07	2.67E-06
2209	495261.06	3859801.99	3.64E-03	3.67E-03	3.70E-03	1.26E-06	3.81E-06	2.20E-06	2.22E-06	2.02E-06	9.20E-07	9.27E-07	4.21E-08	1.02E-06	2.24E-07	3.02E-07	4.79E-07	8.44E-08	4.87E-07	2.64E-06
2210	495311.06	3859801.99	3.61E-03	3.64E-03	3.67E-03	1.25E-06	3.78E-06	2.19E-06	2.21E-06	2.00E-06	9.13E-07	9.20E-07	4.18E-08	1.01E-06	2.23E-07	3.00E-07	4.76E-07	8.38E-08	4.83E-07	2.62E-06
2211	495361.06	3859801.99	3.57E-03	3.61E-03	3.63E-03	1.24E-06	3.74E-06	2.16E-06	2.18E-06	1.98E-06	9.03E-07	9.10E-07	4.13E-08	9.98E-07	2.20E-07	2.97E-07	4.70E-07	8.29E-08	4.77E-07	2.59E-06
2212	495411.06	3859801.99	3.52E-03	3.56E-03	3.58E-03	1.22E-06	3.69E-06	2.14E-06	2.16E-06	1.95E-06	8.92E-07	8.98E-07	4.08E-08	9.85E-07	2.17E-07	2.93E-07	4.64E-07	8.19E-08	4.71E-07	2.55E-06
2213	495461.06	3859801.99	3.49E-03	3.52E-03	3.55E-03	1.21E-06	3.65E-06	2.11E-06	2.13E-06	1.93E-06	8.83E-07	8.88E-07	4.04E-08	9.75E-07	2.15E-07	2.90E-07	4.60E-07	8.10E-08	4.66E-07	2.53E-06
2214	495511.06	3859801.99	3.44E-03	3.47E-03	3.49E-03	1.19E-06	3.59E-06	2.08E-06	2.10E-06	1.91E-06	8.70E-07	8.75E-07	3.98E-08	9.60E-07	2.12E-07	2.85E-07	4.53E-07	7.98E-08	4.59E-07	2.49E-06
2215	495561.06	3859801.99	3.41E-03	3.44E-03	3.46E-03	1.18E-06	3.56E-06	2.06E-06	2.08E-06	1.89E-06	8.62E-07	8.67E-07	3.94E-08	9.52E-07	2.10E-07	2.83E-07	4.49E-07	7.91E-08	4.55E-07	2.47E-06
2216	495611.06	3859801.99	3.39E-03	3.42E-03	3.44E-03	1.17E-06	3.55E-06	2.05E-06	2.07E-06	1.88E-06	8.58E-07	8.63E-07	3.92E-08	9.48E-07	2.09E-07	2.82E-07	4.47E-07	7.88E-08	4.53E-07	2.46E-06
2217	495661.06	3859801.99	3.34E-03	3.38E-03	3.40E-03	1.16E-06	3.50E-06	2.03E-06	2.05E-06	1.86E-06	8.46E-07	8.51E-07	3.87E-08	9.35E-07	2.06E-07	2.78E-07	4.41E-07	7.77E-08	4.46E-07	2.42E-06
2218	494311.06	3859851.99	4.47E-03	4.50E-03	4.57E-03	1.55E-06	4.67E-06	2.71E-06	2.73E-06	2.47E-06	1.13E-06	1.14E-06	5.17E-08	1.25E-06	2.75E-07	3.70E-07	5.88E-07	1.04E-07	6.01E-07	3.24E-06
2219	494361.06	3859851.99	4.41E-03	4.44E-03	4.51E-03	1.53E-06	4.61E-06	2.67E-06	2.69E-06	2.44E-06	1.11E-06	1.13E-06	5.10E-08	1.23E-06	2.72E-07	3.65E-07	5.80E-07	1.02E-07	5.93E-07	3.19E-06

2220	494411.06	3859851.99	4.34E-03	4.38E-03	4.44E-03	1.50E-06	4.54E-06	2.63E-06	2.65E-06	2.40E-06	1.10E-06	1.11E-06	5.02E-08	1.21E-06	2.68E-07	3.60E-07	5.71E-07	1.01E-07	5.83E-07	3.15E-06
2221	494461.06	3859851.99	4.29E-03	4.33E-03	4.39E-03	1.49E-06	4.49E-06	2.60E-06	2.62E-06	2.38E-06	1.08E-06	1.10E-06	4.97E-08	1.20E-06	2.65E-07	3.56E-07	5.65E-07	9.95E-08	5.77E-07	3.11E-06
2222	494511.06	3859851.99	4.28E-03	4.31E-03	4.37E-03	1.48E-06	4.47E-06	2.59E-06	2.61E-06	2.37E-06	1.08E-06	1.10E-06	4.95E-08	1.20E-06	2.64E-07	3.55E-07	5.63E-07	9.92E-08	5.75E-07	3.10E-06
2223	494561.06	3859851.99	4.27E-03	4.31E-03	4.36E-03	1.48E-06	4.47E-06	2.59E-06	2.61E-06	2.36E-06	1.08E-06	1.09E-06	4.94E-08	1.19E-06	2.63E-07	3.54E-07	5.62E-07	9.90E-08	5.74E-07	3.10E-06
2224	494611.06	3859851.99	4.18E-03	4.21E-03	4.27E-03	1.45E-06	4.37E-06	2.53E-06	2.55E-06	2.31E-06	1.06E-06	1.07E-06	4.83E-08	1.17E-06	2.58E-07	3.46E-07	5.50E-07	9.68E-08	5.61E-07	3.03E-06
2225	494661.06	3859851.99	4.15E-03	4.19E-03	4.24E-03	1.44E-06	4.35E-06	2.52E-06	2.54E-06	2.30E-06	1.05E-06	1.06E-06	4.81E-08	1.16E-06	2.56E-07	3.45E-07	5.47E-07	9.63E-08	5.58E-07	3.01E-06
2226	494711.06	3859851.99	4.08E-03	4.12E-03	4.17E-03	1.42E-06	4.27E-06	2.47E-06	2.50E-06	2.26E-06	1.03E-06	1.04E-06	4.73E-08	1.14E-06	2.52E-07	3.39E-07	5.38E-07	9.47E-08	5.48E-07	2.96E-06
2227	494761.06	3859851.99	4.08E-03	4.11E-03	4.16E-03	1.41E-06	4.27E-06	2.47E-06	2.49E-06	2.26E-06	1.03E-06	1.04E-06	4.72E-08	1.14E-06	2.52E-07	3.38E-07	5.37E-07	9.46E-08	5.48E-07	2.96E-06
2228	494811.06	3859851.99	4.03E-03	4.07E-03	4.12E-03	1.40E-06	4.22E-06	2.44E-06	2.46E-06	2.23E-06	1.02E-06	1.03E-06	4.67E-08	1.13E-06	2.49E-07	3.35E-07	5.31E-07	9.36E-08	5.41E-07	2.92E-06
2229	494861.06	3859851.99	4.01E-03	4.04E-03	4.09E-03	1.39E-06	4.19E-06	2.43E-06	2.45E-06	2.22E-06	1.01E-06	1.02E-06	4.63E-08	1.12E-06	2.47E-07	3.32E-07	5.27E-07	9.29E-08	5.38E-07	2.90E-06
2230	494911.06	3859851.99	3.95E-03	3.99E-03	4.03E-03	1.37E-06	4.14E-06	2.40E-06	2.42E-06	2.19E-06	1.00E-06	1.01E-06	4.58E-08	1.11E-06	2.44E-07	3.28E-07	5.21E-07	9.17E-08	5.31E-07	2.87E-06
2231	494961.06	3859851.99	3.92E-03	3.95E-03	3.99E-03	1.36E-06	4.10E-06	2.37E-06	2.39E-06	2.17E-06	9.90E-07	1.00E-06	4.53E-08	1.09E-06	2.42E-07	3.25E-07	5.16E-07	9.09E-08	5.25E-07	2.84E-06
2232	495011.06	3859851.99	3.88E-03	3.91E-03	3.95E-03	1.34E-06	4.06E-06	2.35E-06	2.37E-06	2.15E-06	9.80E-07	9.91E-07	4.49E-08	1.08E-06	2.39E-07	3.22E-07	5.10E-07	8.99E-08	5.20E-07	2.81E-06
2233	495061.06	3859851.99	3.84E-03	3.88E-03	3.92E-03	1.33E-06	4.02E-06	2.33E-06	2.35E-06	2.13E-06	9.72E-07	9.82E-07	4.45E-08	1.07E-06	2.37E-07	3.19E-07	5.06E-07	8.92E-08	5.15E-07	2.79E-06
2234	495111.06	3859851.99	3.79E-03	3.83E-03	3.87E-03	1.31E-06	3.97E-06	2.30E-06	2.32E-06	2.10E-06	9.59E-07	9.69E-07	4.39E-08	1.06E-06	2.34E-07	3.15E-07	5.00E-07	8.81E-08	5.09E-07	2.75E-06
2235	495161.06	3859851.99	3.75E-03	3.79E-03	3.82E-03	1.30E-06	3.93E-06	2.27E-06	2.29E-06	2.08E-06	9.49E-07	9.58E-07	4.34E-08	1.05E-06	2.32E-07	3.12E-07	4.94E-07	8.71E-08	5.03E-07	2.72E-06
2236	495211.06	3859851.99	3.72E-03	3.75E-03	3.79E-03	1.29E-06	3.89E-06	2.25E-06	2.27E-06	2.06E-06	9.40E-07	9.49E-07	4.30E-08	1.04E-06	2.29E-07	3.08E-07	4.89E-07	8.62E-08	4.98E-07	2.69E-06
2237	495261.06	3859851.99	3.68E-03	3.71E-03	3.74E-03	1.27E-06	3.85E-06	2.23E-06	2.25E-06	2.04E-06	9.30E-07	9.38E-07	4.25E-08	1.03E-06	2.27E-07	3.05E-07	4.84E-07	8.53E-08	4.92E-07	2.66E-06
2238	495311.06	3859851.99	3.64E-03	3.68E-03	3.71E-03	1.26E-06	3.81E-06	2.21E-06	2.23E-06	2.02E-06	9.22E-07	9.30E-07	4.22E-08	1.02E-06	2.25E-07	3.03E-07	4.80E-07	8.46E-08	4.88E-07	2.64E-06
2239	495361.06	3859851.99	3.61E-03	3.64E-03	3.67E-03	1.25E-06	3.78E-06	2.19E-06	2.21E-06	2.00E-06	9.13E-07	9.21E-07	4.18E-08	1.01E-06	2.23E-07	3.00E-07	4.75E-07	8.38E-08	4.83E-07	2.62E-06
2240	495411.06	3859851.99	3.57E-03	3.60E-03	3.63E-03	1.24E-06	3.73E-06	2.16E-06	2.18E-06	1.98E-06	9.02E-07	9.09E-07	4.13E-08	9.97E-07	2.20E-07	2.96E-07	4.70E-07	8.28E-08	4.77E-07	2.58E-06
2241	495461.06	3859851.99	3.52E-03	3.56E-03	3.58E-03	1.22E-06	3.69E-06	2.13E-06	2.15E-06	1.95E-06	8.91E-07	8.98E-07	4.08E-08	9.85E-07	2.17E-07	2.93E-07	4.64E-07	8.18E-08	4.71E-07	2.55E-06
2242	495511.06	3859851.99	3.48E-03	3.51E-03	3.53E-03	1.20E-06	3.64E-06	2.11E-06	2.13E-06	1.93E-06	8.79E-07	8.86E-07	4.02E-08	9.72E-07	2.14E-07	2.89E-07	4.58E-07	8.07E-08	4.65E-07	2.52E-06
2243	495561.06	3859851.99	3.45E-03	3.48E-03	3.51E-03	1.20E-06	3.61E-06	2.09E-06	2.11E-06	1.91E-06	8.73E-07	8.79E-07	3.99E-08	9.65E-07	2.13E-07	2.87E-07	4.55E-07	8.01E-08	4.61E-07	2.50E-06
2244	495611.06	3859851.99	3.42E-03	3.46E-03	3.48E-03	1.19E-06	3.58E-06	2.07E-06	2.09E-06	1.90E-06	8.66E-07	8.72E-07	3.96E-08	9.57E-07	2.11E-07	2.84E-07	4.51E-07	7.95E-08	4.58E-07	2.48E-06
2245	495661.06	3859851.99	3.38E-03	3.41E-03	3.43E-03	1.17E-06	3.54E-06	2.05E-06	2.07E-06	1.87E-06	8.55E-07	8.60E-07	3.91E-08	9.44E-07	2.08E-07	2.81E-07	4.45E-07	7.85E-08	4.52E-07	2.45E-06
2246	494311.06	3859901.99	4.48E-03	4.51E-03	4.58E-03	1.55E-06	4.68E-06	2.71E-06	2.73E-06	2.48E-06	1.13E-06	1.15E-06	5.18E-08	1.25E-06	2.76E-07	3.71E-07	5.89E-07	1.04E-07	6.03E-07	3.25E-06
2247	494361.06	3859901.99	4.39E-03	4.43E-03	4.49E-03	1.52E-06	4.60E-06	2.66E-06	2.68E-06	2.43E-06	1.11E-06	1.13E-06	5.08E-08	1.23E-06	2.71E-07	3.64E-07	5.78E-07	1.02E-07	5.91E-07	3.18E-06
2248	494411.06	3859901.99	4.36E-03	4.40E-03	4.47E-03	1.51E-06	4.57E-06	2.64E-06	2.67E-06	2.42E-06	1.10E-06	1.12E-06	5.05E-08	1.22E-06	2.69E-07	3.62E-07	5.74E-07	1.01E-07	5.87E-07	3.16E-06
2249	494461.06	3859901.99	4.32E-03	4.35E-03	4.42E-03	1.50E-06	4.52E-06	2.62E-06	2.64E-06	2.39E-06	1.09E-06	1.11E-06	5.00E-08	1.21E-06	2.66E-07	3.58E-07	5.68E-07	1.00E-07	5.81E-07	3.13E-06
2250	494511.06	3859901.99	4.29E-03	4.32E-03	4.39E-03	1.49E-06	4.49E-06	2.60E-06	2.62E-06	2.37E-06	1.08E-06	1.10E-06	4.96E-08	1.20E-06	2.65E-07	3.56E-07	5.64E-07	9.94E-08	5.77E-07	3.11E-06
2251	494561.06	3859901.99	4.29E-03	4.33E-03	4.39E-03	1.49E-06	4.49E-06	2.60E-06	2.62E-06	2.38E-06	1.08E-06	1.10E-06	4.97E-08	1.20E-06	2.65E-07	3.56E-07	5.65E-07	9.96E-08	5.77E-07	3.11E-06
2252	494611.06	3859901.99	4.20E-03	4.23E-03	4.29E-03	1.45E-06	4.39E-06	2.54E-06	2.56E-06	2.32E-06	1.06E-06	1.07E-06	4.86E-08	1.17E-06	2.59E-07	3.48E-07	5.52E-07	9.73E-08	5.64E-07	3.04E-06
2253	494661.06	3859901.99	4.19E-03	4.23E-03	4.29E-03	1.45E-06	4.39E-06	2.54E-06	2.56E-06	2.32E-06	1.06E-06	1.07E-06	4.85E-08	1.17E-06	2.59E-07	3.48E-07	5.52E-07	9.73E-08	5.64E-07	3.04E-06
2254	494711.06	3859901.99	4.10E-03	4.14E-03	4.19E-03	1.42E-06	4.29E-06	2.48E-06	2.51E-06	2.27E-06	1.04E-06	1.05E-06	4.75E-08	1.15E-06	2.53E-07	3.40E-07	5.40E-07	9.51E-08	5.51E-07	2.97E-06
2255	494761.06	3859901.99	4.08E-03	4.12E-03	4.17E-03	1.42E-06	4.27E-06	2.47E-06	2.50E-06	2.26E-06	1.03E-06	1.05E-06	4.73E-08	1.14E-06	2.52E-07	3.39E-07	5.38E-07	9.47E-08	5.49E-07	2.96E-06
2256	494811.06	3859901.99	4.07E-03	4.10E-03	4.16E-03	1.41E-06	4.26E-06	2.46E-06	2.49E-06	2.25E-06	1.03E-06	1.04E-06	4.71E-08	1.14E-06	2.51E-07	3.38E-07	5.36E-07	9.44E-08	5.47E-07	2.95E-06
2257	494861.06	3859901.99	4.04E-03	4.07E-03	4.13E-03	1.40E-06	4.23E-06	2.45E-06	2.47E-06	2.24E-06	1.02E-06	1.03E-06	4.67E-08	1.13E-06	2.49E-07	3.35E-07	5.32E-07	9.37E-08	5.42E-07	2.93E-06
2258	494911.06	3859901.99	3.99E-03	4.02E-03	4.07E-03	1.38E-06	4.17E-06	2.42E-06	2.44E-06	2.21E-06	1.01E-06	1.02E-06	4.61E-08	1.11E-06	2.46E-07	3.31E-07	5.25E-07	9.25E-08	5.35E-07	2.89E-06
2259	494961.06	3859901.99	3.95E-03	3.99E-03	4.04E-03	1.37E-06	4.14E-06	2.40E-06	2.42E-06	2.19E-06	1.00E-06	1.01E-06	4.58E-08	1.11E-06	2.44E-07	3.28E-07	5.20E-07	9.17E-08	5.31E-07	2.87E-06
2260	495011.06	3859901.99	3.91E-03	3.94E-03	3.99E-03	1.35E-06	4.09E-06	2.37E-06	2.39E-06	2.17E-06	9.88E-07	1.00E-06	4.52E-08	1.09E-06	2.41E-07	3.24E-07	5.14E-07	9.07E-08	5.25E-07	2.83E-06
2261	495061.06	3859901.99	3.87E-03	3.90E-03	3.95E-03	1.34E-06	4.05E-06	2.34E-06	2.36E-06	2.14E-06	9.78E-07	9.89E-07	4.48E-08	1.08E-06	2.39E-07	3.21E-07	5.09E-07	8.98E-08	5.19E-07	2.80E-06
2262	495111.06	3859901.99	3.82E-03	3.85E-03	3.89E-03	1.32E-06	4.00E-06	2.31E-06	2.33E-06	2.12E-06	9.65E-07	9.76E-07	4.42E-08	1.07E-06	2.36E-07	3.17E-07	5.03E-07	8.86E-08	5.12E-07	2.77E-06
2263	495161.06	3859901.99	3.77E-03	3.81E-03	3.85E-03	1.31E-06	3.95E-06	2.28E-06	2.31E-06	2.09E-06	9.54E-07	9.64E-07	4.36E-08	1.05E-06	2.33E-07	3.13E-07	4.97E-07	8.75E-08	5.06E-07	2.73E-06
2264	495211.06	3859901.99	3.74E-03	3.78E-03	3.82E-03	1.30E-06	3.92E-06	2.27E-06	2.29E-06	2.08E-06	9.47E-07	9.57E-07	4.33E-08	1.05E-06	2.31E-07	3.11E-07	4.93E-07	8.69E-08	5.02E-07	2.71E-06
2265	495261.06	3859901.99	3.69E-03	3.73E-03	3.76E-03	1.28E-06	3.86E-06	2.24E-06	2.26E-06	2.05E-06	9.34E-07	9.43E-07	4.27E-08	1.03E-06	2.28E-07	3.06E-07	4.86E-07	8.57E-08	4.95E-07	2.68E-06
2266	495311.06	3859901.99	3.67E-03	3.70E-03	3.74E-03	1.27E-06	3.84E-06	2.22E-06	2.24E-06	2.03E-06	9.27E-07	9.36E-07	4.24E-08	1.02E-06	2.26E-07	3.04E-07	4.83E-07	8.51E-08	4.91E-07	2.66E-06
2267	495361.06	3859901.99	3.63E-03	3.66E-03	3.69E-03	1.26E-06	3.79E-06	2.20E-06	2.22E-06	2.01E-06	9.17E-07	9.26E-07	4.20E-08	1.01E-06	2.24E-07	3.01E-07	4.78E-07	8.42E-08	4.86E-07	2.63E-06
2268	495411.06	3859901.99	3.58E-03	3.62E-03	3.65E-03	1.24E-06	3.75E-06	2.17E-06	2.19E-06	1.99E-06	9.06E-07	9.14E-07	4.14E-08	1.00E-06	2.21E-07	2.97E-07	4.72E-07	8.31E-08	4.80E-07	2.60E-06
2269	495461.06	3859901.99	3.54E-03	3.58E-03	3.61E-03	1.23E-06	3.71E-06	2.15E-06	2.17E-06	1.96E-06	8.96E-07	9.03E-07	4.10E-08	9.90E-07	2.18E-07	2.94E-07	4.67E-07	8.22E-08	4.74E-07	2.57E-06
2270	495511.06	3859901.99	3.51E-03	3.55E-03	3.58E-03	1.22E-06	3.68E-06	2.13E-06	2.15E-06	1.95E-06	8.89E-07	8.96E-07	4.07E-08	9.82E-07	2.17E-07	2.92E-07	4.63E-07	8.16E-08	4.70E-07	2.55E-06
2271	495561.06	3859901.99	3.49E-03	3.52E-03	3.55E-03	1.21E-06	3.65E-06	2.11E-06	2.13E-06	1.93E-06	8.82E-07	8.89E-07	4.03E-08	9.75E-07	2.15E-07	2.90E-07	4.59E-07	8.09E-08	4.67E-07	2.53E-06
2272	495611.06	3859901.99	3.45E-03	3.48E-03	3.51E-03	1.19E-06	3.61E-06	2.09E-06	2.11E-06	1.91E-06	8.72E-07	8.78E-07	3.99E-08	9.63E-07	2.13E-07	2.86E-07	4.54E-07	8.00E-08	4.61E-07	2.50E-06

2273	495661.06	3859901.99	3.40E-03	3.44E-03	3.46E-03	1.18E-06	3.56E-06	2.06E-06	2.08E-06	1.89E-06	8.61E-07	8.67E-07	3.94E-08	9.51E-07	2.10E-07	2.83E-07	4.48E-07	7.90E-08	4.55E-07	2.46E-06
2274	494311.06	3859951.99	4.50E-03	4.53E-03	4.60E-03	1.56E-06	4.70E-06	2.72E-06	2.75E-06	2.49E-06	1.14E-06	1.15E-06	5.20E-08	1.26E-06	2.77E-07	3.73E-07	5.91E-07	1.04E-07	6.05E-07	3.26E-06
2275	494361.06	3859951.99	4.43E-03	4.47E-03	4.54E-03	1.54E-06	4.64E-06	2.69E-06	2.71E-06	2.46E-06	1.12E-06	1.14E-06	5.13E-08	1.24E-06	2.74E-07	3.68E-07	5.83E-07	1.03E-07	5.97E-07	3.22E-06
2276	494411.06	3859951.99	4.38E-03	4.42E-03	4.48E-03	1.52E-06	4.58E-06	2.65E-06	2.68E-06	2.43E-06	1.11E-06	1.12E-06	5.07E-08	1.22E-06	2.70E-07	3.63E-07	5.76E-07	1.02E-07	5.90E-07	3.18E-06
2277	494461.06	3859951.99	4.33E-03	4.37E-03	4.44E-03	1.50E-06	4.54E-06	2.63E-06	2.65E-06	2.40E-06	1.10E-06	1.11E-06	5.02E-08	1.21E-06	2.67E-07	3.59E-07	5.70E-07	1.01E-07	5.83E-07	3.14E-06
2278	494511.06	3859951.99	4.31E-03	4.34E-03	4.41E-03	1.49E-06	4.51E-06	2.61E-06	2.63E-06	2.38E-06	1.09E-06	1.10E-06	4.98E-08	1.20E-06	2.66E-07	3.57E-07	5.67E-07	9.98E-08	5.79E-07	3.12E-06
2279	494561.06	3859951.99	4.32E-03	4.36E-03	4.42E-03	1.50E-06	4.52E-06	2.62E-06	2.64E-06	2.39E-06	1.09E-06	1.11E-06	5.00E-08	1.21E-06	2.67E-07	3.58E-07	5.68E-07	1.00E-07	5.82E-07	3.13E-06
2280	494611.06	3859951.99	4.23E-03	4.27E-03	4.33E-03	1.47E-06	4.43E-06	2.57E-06	2.59E-06	2.35E-06	1.07E-06	1.09E-06	4.90E-08	1.18E-06	2.61E-07	3.51E-07	5.57E-07	9.82E-08	5.70E-07	3.07E-06
2281	494661.06	3859951.99	4.23E-03	4.26E-03	4.32E-03	1.46E-06	4.42E-06	2.56E-06	2.58E-06	2.34E-06	1.07E-06	1.08E-06	4.89E-08	1.18E-06	2.61E-07	3.51E-07	5.56E-07	9.80E-08	5.69E-07	3.06E-06
2282	494711.06	3859951.99	4.15E-03	4.18E-03	4.24E-03	1.44E-06	4.34E-06	2.51E-06	2.53E-06	2.30E-06	1.05E-06	1.06E-06	4.80E-08	1.16E-06	2.56E-07	3.44E-07	5.46E-07	9.62E-08	5.58E-07	3.01E-06
2283	494761.06	3859951.99	4.12E-03	4.15E-03	4.21E-03	1.43E-06	4.31E-06	2.50E-06	2.52E-06	2.28E-06	1.04E-06	1.06E-06	4.77E-08	1.15E-06	2.54E-07	3.42E-07	5.42E-07	9.55E-08	5.54E-07	2.99E-06
2284	494811.06	3859951.99	4.09E-03	4.12E-03	4.18E-03	1.42E-06	4.27E-06	2.47E-06	2.50E-06	2.26E-06	1.03E-06	1.05E-06	4.73E-08	1.14E-06	2.52E-07	3.39E-07	5.38E-07	9.47E-08	5.49E-07	2.96E-06
2285	494861.06	3859951.99	4.07E-03	4.10E-03	4.16E-03	1.41E-06	4.25E-06	2.46E-06	2.48E-06	2.25E-06	1.03E-06	1.04E-06	4.70E-08	1.14E-06	2.51E-07	3.37E-07	5.35E-07	9.43E-08	5.46E-07	2.95E-06
2286	494911.06	3859951.99	4.01E-03	4.05E-03	4.10E-03	1.39E-06	4.20E-06	2.43E-06	2.45E-06	2.22E-06	1.01E-06	1.03E-06	4.64E-08	1.12E-06	2.48E-07	3.33E-07	5.28E-07	9.31E-08	5.39E-07	2.91E-06
2287	494961.06	3859951.99	3.97E-03	4.00E-03	4.05E-03	1.37E-06	4.15E-06	2.40E-06	2.42E-06	2.20E-06	1.00E-06	1.01E-06	4.59E-08	1.11E-06	2.45E-07	3.29E-07	5.22E-07	9.20E-08	5.33E-07	2.87E-06
2288	495011.06	3859951.99	3.92E-03	3.96E-03	4.01E-03	1.36E-06	4.10E-06	2.38E-06	2.40E-06	2.17E-06	9.91E-07	1.00E-06	4.54E-08	1.10E-06	2.42E-07	3.25E-07	5.16E-07	9.10E-08	5.27E-07	2.84E-06
2289	495061.06	3859951.99	3.89E-03	3.92E-03	3.97E-03	1.35E-06	4.07E-06	2.35E-06	2.38E-06	2.15E-06	9.83E-07	9.95E-07	4.50E-08	1.09E-06	2.40E-07	3.23E-07	5.12E-07	9.02E-08	5.22E-07	2.82E-06
2290	495111.06	3859951.99	3.84E-03	3.87E-03	3.92E-03	1.33E-06	4.02E-06	2.32E-06	2.35E-06	2.13E-06	9.70E-07	9.82E-07	4.44E-08	1.07E-06	2.37E-07	3.18E-07	5.05E-07	8.90E-08	5.15E-07	2.78E-06
2291	495161.06	3859951.99	3.79E-03	3.82E-03	3.87E-03	1.31E-06	3.97E-06	2.30E-06	2.32E-06	2.10E-06	9.58E-07	9.69E-07	4.39E-08	1.06E-06	2.34E-07	3.15E-07	4.99E-07	8.79E-08	5.09E-07	2.75E-06
2292	495211.06	3859951.99	3.74E-03	3.78E-03	3.82E-03	1.30E-06	3.92E-06	2.27E-06	2.29E-06	2.07E-06	9.47E-07	9.57E-07	4.33E-08	1.05E-06	2.31E-07	3.11E-07	4.93E-07	8.69E-08	5.02E-07	2.71E-06
2293	495261.06	3859951.99	3.71E-03	3.74E-03	3.78E-03	1.28E-06	3.88E-06	2.25E-06	2.27E-06	2.05E-06	9.37E-07	9.47E-07	4.29E-08	1.04E-06	2.29E-07	3.08E-07	4.88E-07	8.60E-08	4.97E-07	2.69E-06
2294	495311.06	3859951.99	3.68E-03	3.72E-03	3.76E-03	1.28E-06	3.86E-06	2.23E-06	2.25E-06	2.04E-06	9.32E-07	9.41E-07	4.26E-08	1.03E-06	2.27E-07	3.06E-07	4.85E-07	8.55E-08	4.94E-07	2.67E-06
2295	495361.06	3859951.99	3.65E-03	3.69E-03	3.72E-03	1.27E-06	3.82E-06	2.21E-06	2.23E-06	2.02E-06	9.23E-07	9.33E-07	4.23E-08	1.02E-06	2.25E-07	3.03E-07	4.81E-07	8.47E-08	4.90E-07	2.65E-06
2296	495411.06	3859951.99	3.61E-03	3.64E-03	3.68E-03	1.25E-06	3.78E-06	2.19E-06	2.21E-06	2.00E-06	9.12E-07	9.21E-07	4.18E-08	1.01E-06	2.23E-07	3.00E-07	4.75E-07	8.37E-08	4.84E-07	2.61E-06
2297	495461.06	3859951.99	3.57E-03	3.60E-03	3.64E-03	1.24E-06	3.73E-06	2.16E-06	2.18E-06	1.98E-06	9.03E-07	9.11E-07	4.13E-08	9.98E-07	2.20E-07	2.96E-07	4.70E-07	8.28E-08	4.78E-07	2.59E-06
2298	495511.06	3859951.99	3.53E-03	3.56E-03	3.60E-03	1.22E-06	3.69E-06	2.14E-06	2.16E-06	1.96E-06	8.93E-07	9.01E-07	4.08E-08	9.87E-07	2.18E-07	2.93E-07	4.65E-07	8.19E-08	4.73E-07	2.56E-06
2299	495561.06	3859951.99	3.51E-03	3.55E-03	3.58E-03	1.22E-06	3.68E-06	2.13E-06	2.15E-06	1.95E-06	8.88E-07	8.96E-07	4.06E-08	9.82E-07	2.17E-07	2.92E-07	4.63E-07	8.15E-08	4.70E-07	2.55E-06
2300	495611.06	3859951.99	3.47E-03	3.50E-03	3.53E-03	1.20E-06	3.63E-06	2.10E-06	2.12E-06	1.92E-06	8.78E-07	8.86E-07	4.02E-08	9.70E-07	2.14E-07	2.88E-07	4.57E-07	8.06E-08	4.65E-07	2.52E-06
2301	495661.06	3859951.99	3.42E-03	3.46E-03	3.49E-03	1.19E-06	3.58E-06	2.07E-06	2.09E-06	1.90E-06	8.66E-07	8.73E-07	3.96E-08	9.57E-07	2.11E-07	2.84E-07	4.51E-07	7.95E-08	4.58E-07	2.48E-06
2302	494311.06	3860001.99	4.50E-03	4.54E-03	4.62E-03	1.56E-06	4.71E-06	2.73E-06	2.75E-06	2.49E-06	1.14E-06	1.16E-06	5.21E-08	1.26E-06	2.78E-07	3.73E-07	5.92E-07	1.04E-07	6.07E-07	3.27E-06
2303	494361.06	3860001.99	4.46E-03	4.49E-03	4.57E-03	1.54E-06	4.66E-06	2.70E-06	2.72E-06	2.47E-06	1.13E-06	1.14E-06	5.16E-08	1.25E-06	2.75E-07	3.69E-07	5.86E-07	1.03E-07	6.00E-07	3.23E-06
2304	494411.06	3860001.99	4.39E-03	4.42E-03	4.49E-03	1.52E-06	4.59E-06	2.66E-06	2.68E-06	2.43E-06	1.11E-06	1.13E-06	5.08E-08	1.23E-06	2.71E-07	3.64E-07	5.77E-07	1.02E-07	5.91E-07	3.18E-06
2305	494461.06	3860001.99	4.35E-03	4.39E-03	4.46E-03	1.51E-06	4.56E-06	2.64E-06	2.66E-06	2.41E-06	1.10E-06	1.12E-06	5.04E-08	1.22E-06	2.69E-07	3.61E-07	5.73E-07	1.01E-07	5.86E-07	3.16E-06
2306	494511.06	3860001.99	4.30E-03	4.34E-03	4.40E-03	1.49E-06	4.50E-06	2.60E-06	2.63E-06	2.38E-06	1.09E-06	1.10E-06	4.98E-08	1.20E-06	2.65E-07	3.57E-07	5.66E-07	9.97E-08	5.79E-07	3.12E-06
2307	494561.06	3860001.99	4.33E-03	4.37E-03	4.44E-03	1.50E-06	4.53E-06	2.62E-06	2.65E-06	2.40E-06	1.09E-06	1.11E-06	5.01E-08	1.21E-06	2.67E-07	3.59E-07	5.70E-07	1.00E-07	5.84E-07	3.14E-06
2308	494611.06	3860001.99	4.28E-03	4.31E-03	4.38E-03	1.48E-06	4.47E-06	2.59E-06	2.61E-06	2.37E-06	1.08E-06	1.10E-06	4.95E-08	1.20E-06	2.64E-07	3.55E-07	5.62E-07	9.91E-08	5.76E-07	3.10E-06
2309	494661.06	3860001.99	4.24E-03	4.28E-03	4.34E-03	1.47E-06	4.44E-06	2.57E-06	2.59E-06	2.35E-06	1.07E-06	1.09E-06	4.91E-08	1.19E-06	2.62E-07	3.52E-07	5.58E-07	9.83E-08	5.71E-07	3.08E-06
2310	494711.06	3860001.99	4.14E-03	4.17E-03	4.23E-03	1.43E-06	4.33E-06	2.51E-06	2.53E-06	2.29E-06	1.05E-06	1.06E-06	4.79E-08	1.16E-06	2.55E-07	3.43E-07	5.44E-07	9.59E-08	5.57E-07	3.00E-06
2311	494761.06	3860001.99	4.14E-03	4.17E-03	4.24E-03	1.43E-06	4.33E-06	2.51E-06	2.53E-06	2.29E-06	1.05E-06	1.06E-06	4.79E-08	1.16E-06	2.55E-07	3.43E-07	5.45E-07	9.60E-08	5.57E-07	3.00E-06
2312	494811.06	3860001.99	4.11E-03	4.15E-03	4.21E-03	1.43E-06	4.30E-06	2.49E-06	2.51E-06	2.28E-06	1.04E-06	1.05E-06	4.76E-08	1.15E-06	2.54E-07	3.41E-07	5.41E-07	9.54E-08	5.53E-07	2.98E-06
2313	494861.06	3860001.99	4.09E-03	4.12E-03	4.18E-03	1.42E-06	4.28E-06	2.48E-06	2.50E-06	2.27E-06	1.03E-06	1.05E-06	4.73E-08	1.14E-06	2.52E-07	3.39E-07	5.38E-07	9.48E-08	5.50E-07	2.97E-06
2314	494911.06	3860001.99	4.00E-03	4.03E-03	4.09E-03	1.39E-06	4.18E-06	2.42E-06	2.44E-06	2.21E-06	1.01E-06	1.02E-06	4.63E-08	1.12E-06	2.47E-07	3.32E-07	5.26E-07	9.27E-08	5.37E-07	2.90E-06
2315	494961.06	3860001.99	3.97E-03	4.01E-03	4.06E-03	1.38E-06	4.16E-06	2.41E-06	2.43E-06	2.20E-06	1.00E-06	1.02E-06	4.60E-08	1.11E-06	2.45E-07	3.30E-07	5.23E-07	9.21E-08	5.34E-07	2.88E-06
2316	495011.06	3860001.99	3.93E-03	3.96E-03	4.01E-03	1.36E-06	4.11E-06	2.38E-06	2.40E-06	2.17E-06	9.92E-07	1.01E-06	4.54E-08	1.10E-06	2.42E-07	3.26E-07	5.17E-07	9.11E-08	5.28E-07	2.85E-06
2317	495061.06	3860001.99	3.90E-03	3.94E-03	3.99E-03	1.35E-06	4.08E-06	2.36E-06	2.39E-06	2.16E-06	9.87E-07	9.99E-07	4.52E-08	1.09E-06	2.41E-07	3.24E-07	5.14E-07	9.05E-08	5.24E-07	2.83E-06
2318	495111.06	3860001.99	3.86E-03	3.89E-03	3.94E-03	1.34E-06	4.03E-06	2.34E-06	2.36E-06	2.14E-06	9.75E-07	9.87E-07	4.46E-08	1.08E-06	2.38E-07	3.20E-07	5.07E-07	8.94E-08	5.18E-07	2.79E-06
2319	495161.06	3860001.99	3.81E-03	3.84E-03	3.89E-03	1.32E-06	3.99E-06	2.31E-06	2.33E-06	2.11E-06	9.63E-07	9.74E-07	4.41E-08	1.06E-06	2.35E-07	3.16E-07	5.01E-07	8.83E-08	5.11E-07	2.76E-06
2320	495211.06	3860001.99	3.79E-03	3.82E-03	3.86E-03	1.31E-06	3.96E-06	2.29E-06	2.31E-06	2.10E-06	9.57E-07	9.68E-07	4.38E-08	1.06E-06	2.33E-07	3.14E-07	4.98E-07	8.78E-08	5.08E-07	2.74E-06
2321	495261.06	3860001.99	3.74E-03	3.78E-03	3.82E-03	1.30E-06	3.92E-06	2.27E-06	2.29E-06	2.07E-06	9.46E-07	9.57E-07	4.33E-08	1.05E-06	2.31E-07	3.11E-07	4.93E-07	8.68E-08	5.02E-07	2.71E-06
2322	495311.06	3860001.99	3.71E-03	3.74E-03	3.79E-03	1.29E-06	3.88E-06	2.25E-06	2.27E-06	2.06E-06	9.38E-07	9.48E-07	4.29E-08	1.04E-06	2.29E-07	3.08E-07	4.88E-07	8.61E-08	4.98E-07	2.69E-06
2323	495361.06	3860001.99	3.65E-03	3.68E-03	3.72E-03	1.26E-06	3.82E-06	2.21E-06	2.23E-06	2.02E-06	9.23E-07	9.33E-07	4.22E-08	1.02E-06	2.25E-07	3.03E-07	4.80E-07	8.47E-08	4.89E-07	2.64E-06
2324	495411.06	3860001.99	3.63E-03	3.67E-03	3.71E-03	1.26E-06	3.80E-06	2.20E-06	2.22E-06	2.01E-06	9.19E-07	9.29E-07	4.20E-08	1.02E-06	2.24E-07	3.02E-07	4.78E-07	8.43E-08	4.87E-07	2.63E-06
2325	495461.06	3860001.99	3.60E-03	3.63E-03	3.67E-03	1.25E-06	3.76E-06	2.18E-06	2.20E-06	1.99E-06	9.09E-07	9.19E-07	4.16E-08	1.01E-06	2.22E-07	2.99E-07	4.74E-07	8.35E-08	4.82E-07	2.61E-06

2326	495511.06	3860001.99	3.56E-03	3.59E-03	3.63E-03	1.23E-06	3.73E-06	2.16E-06	2.18E-06	1.97E-06	9.01E-07	9.10E-07	4.12E-08	9.96E-07	2.20E-07	2.96E-07	4.69E-07	8.27E-08	4.77E-07	2.58E-06
2327	495561.06	3860001.99	3.54E-03	3.57E-03	3.61E-03	1.23E-06	3.70E-06	2.14E-06	2.16E-06	1.96E-06	8.95E-07	9.04E-07	4.09E-08	9.89E-07	2.18E-07	2.94E-07	4.66E-07	8.21E-08	4.74E-07	2.56E-06
2328	495611.06	3860001.99	3.49E-03	3.53E-03	3.56E-03	1.21E-06	3.66E-06	2.12E-06	2.14E-06	1.94E-06	8.84E-07	8.92E-07	4.04E-08	9.77E-07	2.16E-07	2.90E-07	4.60E-07	8.11E-08	4.68E-07	2.53E-06
2329	495661.06	3860001.99	3.45E-03	3.48E-03	3.52E-03	1.20E-06	3.61E-06	2.09E-06	2.11E-06	1.91E-06	8.73E-07	8.81E-07	3.99E-08	9.65E-07	2.13E-07	2.87E-07	4.55E-07	8.01E-08	4.62E-07	2.50E-06
2330	494411.06	3860051.99	4.41E-03	4.44E-03	4.51E-03	1.53E-06	4.61E-06	2.67E-06	2.69E-06	2.44E-06	1.11E-06	1.13E-06	5.10E-08	1.23E-06	2.72E-07	3.65E-07	5.79E-07	1.02E-07	5.94E-07	3.19E-06
2331	494461.06	3860051.99	4.36E-03	4.39E-03	4.47E-03	1.51E-06	4.56E-06	2.64E-06	2.66E-06	2.41E-06	1.10E-06	1.12E-06	5.04E-08	1.22E-06	2.69E-07	3.61E-07	5.73E-07	1.01E-07	5.87E-07	3.16E-06
2332	494511.06	3860051.99	4.32E-03	4.35E-03	4.42E-03	1.50E-06	4.52E-06	2.61E-06	2.64E-06	2.39E-06	1.09E-06	1.11E-06	4.99E-08	1.21E-06	2.66E-07	3.58E-07	5.68E-07	1.00E-07	5.81E-07	3.13E-06
2333	494561.06	3860051.99	4.31E-03	4.35E-03	4.42E-03	1.50E-06	4.51E-06	2.61E-06	2.63E-06	2.39E-06	1.09E-06	1.11E-06	4.99E-08	1.21E-06	2.66E-07	3.58E-07	5.67E-07	1.00E-07	5.81E-07	3.13E-06
2334	494611.06	3860051.99	4.29E-03	4.32E-03	4.39E-03	1.49E-06	4.49E-06	2.60E-06	2.62E-06	2.37E-06	1.08E-06	1.10E-06	4.96E-08	1.20E-06	2.64E-07	3.55E-07	5.64E-07	9.94E-08	5.78E-07	3.11E-06
2335	494661.06	3860051.99	4.25E-03	4.29E-03	4.36E-03	1.47E-06	4.45E-06	2.58E-06	2.60E-06	2.36E-06	1.07E-06	1.09E-06	4.92E-08	1.19E-06	2.62E-07	3.53E-07	5.60E-07	9.86E-08	5.73E-07	3.08E-06
2336	494711.06	3860051.99	4.18E-03	4.22E-03	4.28E-03	1.45E-06	4.38E-06	2.53E-06	2.56E-06	2.32E-06	1.06E-06	1.07E-06	4.84E-08	1.17E-06	2.58E-07	3.47E-07	5.50E-07	9.70E-08	5.63E-07	3.03E-06
2337	494761.06	3860051.99	4.15E-03	4.19E-03	4.25E-03	1.44E-06	4.35E-06	2.52E-06	2.54E-06	2.30E-06	1.05E-06	1.07E-06	4.81E-08	1.16E-06	2.56E-07	3.44E-07	5.47E-07	9.63E-08	5.59E-07	3.01E-06
2338	494811.06	3860051.99	4.14E-03	4.17E-03	4.24E-03	1.43E-06	4.33E-06	2.51E-06	2.53E-06	2.29E-06	1.05E-06	1.06E-06	4.79E-08	1.16E-06	2.55E-07	3.43E-07	5.45E-07	9.60E-08	5.57E-07	3.00E-06
2339	494861.06	3860051.99	4.12E-03	4.15E-03	4.22E-03	1.43E-06	4.31E-06	2.50E-06	2.52E-06	2.28E-06	1.04E-06	1.06E-06	4.77E-08	1.15E-06	2.54E-07	3.42E-07	5.42E-07	9.55E-08	5.55E-07	2.99E-06
2340	494911.06	3860051.99	4.06E-03	4.10E-03	4.16E-03	1.41E-06	4.25E-06	2.46E-06	2.48E-06	2.25E-06	1.03E-06	1.04E-06	4.70E-08	1.14E-06	2.51E-07	3.37E-07	5.35E-07	9.42E-08	5.47E-07	2.95E-06
2341	494961.06	3860051.99	4.01E-03	4.04E-03	4.10E-03	1.39E-06	4.19E-06	2.43E-06	2.45E-06	2.22E-06	1.01E-06	1.03E-06	4.64E-08	1.12E-06	2.47E-07	3.32E-07	5.27E-07	9.29E-08	5.39E-07	2.90E-06
2342	495011.06	3860051.99	3.96E-03	3.99E-03	4.04E-03	1.37E-06	4.14E-06	2.40E-06	2.42E-06	2.19E-06	1.00E-06	1.01E-06	4.58E-08	1.11E-06	2.44E-07	3.28E-07	5.20E-07	9.17E-08	5.32E-07	2.87E-06
2343	495061.06	3860051.99	3.91E-03	3.95E-03	4.00E-03	1.36E-06	4.10E-06	2.37E-06	2.39E-06	2.17E-06	9.89E-07	1.00E-06	4.53E-08	1.09E-06	2.41E-07	3.25E-07	5.15E-07	9.08E-08	5.26E-07	2.84E-06
2344	495111.06	3860051.99	3.86E-03	3.89E-03	3.95E-03	1.34E-06	4.04E-06	2.34E-06	2.36E-06	2.14E-06	9.76E-07	9.89E-07	4.47E-08	1.08E-06	2.38E-07	3.20E-07	5.08E-07	8.96E-08	5.19E-07	2.80E-06
2345	495161.06	3860051.99	3.82E-03	3.86E-03	3.91E-03	1.32E-06	4.00E-06	2.32E-06	2.34E-06	2.12E-06	9.66E-07	9.79E-07	4.42E-08	1.07E-06	2.36E-07	3.17E-07	5.03E-07	8.87E-08	5.14E-07	2.77E-06
2346	495211.06	3860051.99	3.78E-03	3.81E-03	3.86E-03	1.31E-06	3.95E-06	2.29E-06	2.31E-06	2.09E-06	9.55E-07	9.67E-07	4.37E-08	1.06E-06	2.33E-07	3.13E-07	4.97E-07	8.76E-08	5.07E-07	2.74E-06
2347	495261.06	3860051.99	3.75E-03	3.78E-03	3.83E-03	1.30E-06	3.92E-06	2.27E-06	2.29E-06	2.08E-06	9.47E-07	9.59E-07	4.34E-08	1.05E-06	2.31E-07	3.11E-07	4.93E-07	8.69E-08	5.03E-07	2.72E-06
2348	495311.06	3860051.99	3.72E-03	3.75E-03	3.80E-03	1.29E-06	3.89E-06	2.25E-06	2.27E-06	2.06E-06	9.41E-07	9.52E-07	4.31E-08	1.04E-06	2.30E-07	3.09E-07	4.90E-07	8.63E-08	5.00E-07	2.70E-06
2349	495361.06	3860051.99	3.69E-03	3.72E-03	3.77E-03	1.28E-06	3.86E-06	2.23E-06	2.25E-06	2.04E-06	9.33E-07	9.44E-07	4.27E-08	1.03E-06	2.28E-07	3.06E-07	4.86E-07	8.56E-08	4.95E-07	2.67E-06
2350	495411.06	3860051.99	3.65E-03	3.69E-03	3.73E-03	1.27E-06	3.82E-06	2.21E-06	2.23E-06	2.02E-06	9.24E-07	9.35E-07	4.23E-08	1.02E-06	2.25E-07	3.03E-07	4.81E-07	8.48E-08	4.91E-07	2.65E-06
2351	495461.06	3860051.99	3.62E-03	3.65E-03	3.69E-03	1.25E-06	3.78E-06	2.19E-06	2.21E-06	2.00E-06	9.14E-07	9.25E-07	4.18E-08	1.01E-06	2.23E-07	3.00E-07	4.76E-07	8.39E-08	4.85E-07	2.62E-06
2352	495511.06	3860051.99	3.59E-03	3.62E-03	3.66E-03	1.24E-06	3.75E-06	2.17E-06	2.19E-06	1.99E-06	9.07E-07	9.17E-07	4.15E-08	1.00E-06	2.21E-07	2.98E-07	4.72E-07	8.33E-08	4.81E-07	2.60E-06
2353	495561.06	3860051.99	3.55E-03	3.59E-03	3.63E-03	1.23E-06	3.72E-06	2.15E-06	2.17E-06	1.97E-06	8.99E-07	9.08E-07	4.11E-08	9.94E-07	2.19E-07	2.95E-07	4.68E-07	8.25E-08	4.77E-07	2.58E-06
2354	495611.06	3860051.99	3.52E-03	3.55E-03	3.59E-03	1.22E-06	3.68E-06	2.13E-06	2.15E-06	1.95E-06	8.89E-07	8.98E-07	4.07E-08	9.83E-07	2.17E-07	2.92E-07	4.63E-07	8.16E-08	4.71E-07	2.55E-06
2355	495661.06	3860051.99	3.47E-03	3.50E-03	3.54E-03	1.20E-06	3.63E-06	2.10E-06	2.12E-06	1.92E-06	8.77E-07	8.86E-07	4.01E-08	9.70E-07	2.14E-07	2.88E-07	4.57E-07	8.05E-08	4.65E-07	2.51E-06
2356	494411.06	3860101.99	4.38E-03	4.41E-03	4.49E-03	1.52E-06	4.58E-06	2.65E-06	2.67E-06	2.42E-06	1.11E-06	1.12E-06	5.06E-08	1.22E-06	2.70E-07	3.63E-07	5.75E-07	1.01E-07	5.90E-07	3.17E-06
2357	494461.06	3860101.99	4.37E-03	4.40E-03	4.48E-03	1.51E-06	4.57E-06	2.65E-06	2.67E-06	2.42E-06	1.10E-06	1.12E-06	5.05E-08	1.22E-06	2.69E-07	3.62E-07	5.74E-07	1.01E-07	5.89E-07	3.17E-06
2358	494511.06	3860101.99	4.30E-03	4.34E-03	4.41E-03	1.49E-06	4.50E-06	2.61E-06	2.63E-06	2.38E-06	1.09E-06	1.11E-06	4.98E-08	1.20E-06	2.65E-07	3.57E-07	5.66E-07	9.98E-08	5.80E-07	3.12E-06
2359	494561.06	3860101.99	4.28E-03	4.32E-03	4.39E-03	1.48E-06	4.48E-06	2.59E-06	2.61E-06	2.37E-06	1.08E-06	1.10E-06	4.95E-08	1.20E-06	2.64E-07	3.55E-07	5.63E-07	9.92E-08	5.77E-07	3.10E-06
2360	494611.06	3860101.99	4.28E-03	4.31E-03	4.38E-03	1.48E-06	4.48E-06	2.59E-06	2.61E-06	2.37E-06	1.08E-06	1.10E-06	4.95E-08	1.20E-06	2.64E-07	3.55E-07	5.63E-07	9.92E-08	5.76E-07	3.10E-06
2361	494661.06	3860101.99	4.25E-03	4.28E-03	4.35E-03	1.47E-06	4.45E-06	2.57E-06	2.60E-06	2.35E-06	1.07E-06	1.09E-06	4.92E-08	1.19E-06	2.62E-07	3.52E-07	5.59E-07	9.85E-08	5.73E-07	3.08E-06
2362	494711.06	3860101.99	4.19E-03	4.22E-03	4.29E-03	1.45E-06	4.38E-06	2.54E-06	2.56E-06	2.32E-06	1.06E-06	1.08E-06	4.85E-08	1.17E-06	2.58E-07	3.47E-07	5.51E-07	9.71E-08	5.64E-07	3.04E-06
2363	494761.06	3860101.99	4.16E-03	4.19E-03	4.26E-03	1.44E-06	4.35E-06	2.52E-06	2.54E-06	2.30E-06	1.05E-06	1.07E-06	4.81E-08	1.16E-06	2.57E-07	3.45E-07	5.47E-07	9.64E-08	5.60E-07	3.02E-06
2364	494811.06	3860101.99	4.13E-03	4.17E-03	4.23E-03	1.43E-06	4.32E-06	2.50E-06	2.52E-06	2.29E-06	1.04E-06	1.06E-06	4.78E-08	1.15E-06	2.55E-07	3.43E-07	5.43E-07	9.58E-08	5.56E-07	3.00E-06
2365	494861.06	3860101.99	4.15E-03	4.18E-03	4.25E-03	1.44E-06	4.34E-06	2.51E-06	2.53E-06	2.30E-06	1.05E-06	1.06E-06	4.80E-08	1.16E-06	2.56E-07	3.44E-07	5.45E-07	9.61E-08	5.59E-07	3.01E-06
2366	494911.06	3860101.99	4.04E-03	4.08E-03	4.14E-03	1.40E-06	4.23E-06	2.45E-06	2.47E-06	2.24E-06	1.02E-06	1.04E-06	4.68E-08	1.13E-06	2.49E-07	3.35E-07	5.32E-07	9.37E-08	5.44E-07	2.93E-06
2367	494961.06	3860101.99	4.01E-03	4.04E-03	4.10E-03	1.39E-06	4.19E-06	2.43E-06	2.45E-06	2.22E-06	1.01E-06	1.03E-06	4.64E-08	1.12E-06	2.47E-07	3.32E-07	5.27E-07	9.29E-08	5.39E-07	2.91E-06
2368	495011.06	3860101.99	3.96E-03	3.99E-03	4.05E-03	1.37E-06	4.14E-06	2.40E-06	2.42E-06	2.19E-06	1.00E-06	1.02E-06	4.58E-08	1.11E-06	2.44E-07	3.28E-07	5.21E-07	9.18E-08	5.33E-07	2.87E-06
2369	495061.06	3860101.99	3.91E-03	3.95E-03	4.00E-03	1.36E-06	4.10E-06	2.37E-06	2.39E-06	2.17E-06	9.89E-07	1.00E-06	4.53E-08	1.09E-06	2.41E-07	3.25E-07	5.15E-07	9.08E-08	5.27E-07	2.84E-06
2370	495111.06	3860101.99	3.86E-03	3.89E-03	3.95E-03	1.34E-06	4.04E-06	2.34E-06	2.36E-06	2.14E-06	9.75E-07	9.89E-07	4.47E-08	1.08E-06	2.38E-07	3.20E-07	5.08E-07	8.95E-08	5.19E-07	2.80E-06
2371	495161.06	3860101.99	3.83E-03	3.86E-03	3.92E-03	1.33E-06	4.01E-06	2.32E-06	2.34E-06	2.12E-06	9.68E-07	9.81E-07	4.43E-08	1.07E-06	2.36E-07	3.18E-07	5.04E-07	8.89E-08	5.15E-07	2.78E-06
2372	495211.06	3860101.99	3.79E-03	3.83E-03	3.88E-03	1.31E-06	3.97E-06	2.30E-06	2.32E-06	2.10E-06	9.59E-07	9.72E-07	4.39E-08	1.06E-06	2.34E-07	3.15E-07	4.99E-07	8.80E-08	5.10E-07	2.75E-06
2373	495261.06	3860101.99	3.76E-03	3.79E-03	3.84E-03	1.30E-06	3.93E-06	2.28E-06	2.30E-06	2.08E-06	9.50E-07	9.62E-07	4.35E-08	1.05E-06	2.32E-07	3.12E-07	4.94E-07	8.71E-08	5.05E-07	2.72E-06
2374	495311.06	3860101.99	3.72E-03	3.76E-03	3.81E-03	1.29E-06	3.90E-06	2.26E-06	2.28E-06	2.06E-06	9.41E-07	9.53E-07	4.31E-08	1.04E-06	2.30E-07	3.09E-07	4.90E-07	8.64E-08	5.00E-07	2.70E-06
2375	495361.06	3860101.99	3.70E-03	3.73E-03	3.78E-03	1.28E-06	3.87E-06	2.24E-06	2.26E-06	2.05E-06	9.35E-07	9.47E-07	4.28E-08	1.03E-06	2.28E-07	3.07E-07	4.87E-07	8.58E-08	4.97E-07	2.68E-06
2376	495411.06	3860101.99	3.66E-03	3.70E-03	3.74E-03	1.27E-06	3.83E-06	2.22E-06	2.24E-06	2.03E-06	9.26E-07	9.38E-07	4.24E-08	1.02E-06	2.26E-07	3.04E-07	4.82E-07	8.50E-08	4.92E-07	2.66E-06
2377	495461.06	3860101.99	3.61E-03	3.65E-03	3.69E-03	1.25E-06	3.78E-06	2.19E-06	2.21E-06	2.00E-06	9.14E-07	9.25E-07	4.18E-08	1.01E-06	2.23E-07	3.00E-07	4.76E-07	8.39E-08	4.85E-07	2.62E-06
2378	495511.06	3860101.99	3.59E-03	3.62E-03	3.67E-03	1.24E-06	3.76E-06	2.18E-06	2.20E-06	1.99E-06	9.08E-07	9.19E-07	4.16E-08	1.00E-06	2.22E-07	2.98E-07	4.73E-07	8.33E-08	4.82E-07	2.60E-06

2379	495561.06	3860101.99	3.57E-03	3.60E-03	3.64E-03	1.24E-06	3.73E-06	2.16E-06	2.18E-06	1.98E-06	9.02E-07	9.13E-07	4.13E-08	9.97E-07	2.20E-07	2.96E-07	4.70E-07	8.28E-08	4.79E-07	2.59E-06
2380	495611.06	3860101.99	3.52E-03	3.55E-03	3.59E-03	1.22E-06	3.68E-06	2.13E-06	2.15E-06	1.95E-06	8.90E-07	9.00E-07	4.07E-08	9.84E-07	2.17E-07	2.92E-07	4.64E-07	8.17E-08	4.72E-07	2.55E-06
2381	495661.06	3860101.99	3.49E-03	3.52E-03	3.56E-03	1.21E-06	3.65E-06	2.11E-06	2.13E-06	1.93E-06	8.82E-07	8.92E-07	4.04E-08	9.75E-07	2.15E-07	2.90E-07	4.59E-07	8.10E-08	4.68E-07	2.53E-06
2382	494861.06	3860151.99	4.16E-03	4.19E-03	4.26E-03	1.44E-06	4.35E-06	2.52E-06	2.54E-06	2.30E-06	1.05E-06	1.07E-06	4.82E-08	1.16E-06	2.57E-07	3.45E-07	5.47E-07	9.64E-08	5.61E-07	3.02E-06
2383	494911.06	3860151.99	4.05E-03	4.09E-03	4.15E-03	1.40E-06	4.24E-06	2.45E-06	2.48E-06	2.24E-06	1.02E-06	1.04E-06	4.69E-08	1.13E-06	2.50E-07	3.36E-07	5.33E-07	9.40E-08	5.46E-07	2.94E-06
2384	494961.06	3860151.99	4.01E-03	4.04E-03	4.10E-03	1.39E-06	4.19E-06	2.43E-06	2.45E-06	2.22E-06	1.01E-06	1.03E-06	4.64E-08	1.12E-06	2.47E-07	3.32E-07	5.27E-07	9.29E-08	5.40E-07	2.91E-06
2385	495011.06	3860151.99	3.96E-03	3.99E-03	4.06E-03	1.37E-06	4.15E-06	2.40E-06	2.42E-06	2.19E-06	1.00E-06	1.02E-06	4.58E-08	1.11E-06	2.44E-07	3.29E-07	5.21E-07	9.18E-08	5.33E-07	2.87E-06
2386	495061.06	3860151.99	3.92E-03	3.95E-03	4.01E-03	1.36E-06	4.10E-06	2.37E-06	2.39E-06	2.17E-06	9.89E-07	1.00E-06	4.53E-08	1.09E-06	2.41E-07	3.25E-07	5.15E-07	9.08E-08	5.27E-07	2.84E-06
2387	495111.06	3860151.99	3.88E-03	3.91E-03	3.97E-03	1.34E-06	4.06E-06	2.35E-06	2.37E-06	2.15E-06	9.80E-07	9.94E-07	4.49E-08	1.08E-06	2.39E-07	3.22E-07	5.10E-07	8.99E-08	5.22E-07	2.81E-06
2388	495161.06	3860151.99	3.84E-03	3.87E-03	3.93E-03	1.33E-06	4.02E-06	2.33E-06	2.35E-06	2.13E-06	9.71E-07	9.85E-07	4.45E-08	1.07E-06	2.37E-07	3.19E-07	5.05E-07	8.91E-08	5.17E-07	2.79E-06
2389	495211.06	3860151.99	3.80E-03	3.83E-03	3.89E-03	1.32E-06	3.98E-06	2.30E-06	2.32E-06	2.11E-06	9.61E-07	9.74E-07	4.40E-08	1.06E-06	2.35E-07	3.15E-07	5.00E-07	8.82E-08	5.11E-07	2.76E-06
2390	495261.06	3860151.99	3.77E-03	3.80E-03	3.85E-03	1.31E-06	3.94E-06	2.28E-06	2.30E-06	2.09E-06	9.53E-07	9.66E-07	4.36E-08	1.05E-06	2.33E-07	3.13E-07	4.96E-07	8.74E-08	5.07E-07	2.73E-06
2391	495311.06	3860151.99	3.74E-03	3.77E-03	3.82E-03	1.30E-06	3.91E-06	2.26E-06	2.28E-06	2.07E-06	9.44E-07	9.57E-07	4.32E-08	1.04E-06	2.31E-07	3.10E-07	4.92E-07	8.67E-08	5.02E-07	2.71E-06
2392	495361.06	3860151.99	3.71E-03	3.74E-03	3.79E-03	1.28E-06	3.88E-06	2.25E-06	2.26E-06	2.05E-06	9.37E-07	9.49E-07	4.29E-08	1.04E-06	2.29E-07	3.08E-07	4.88E-07	8.60E-08	4.98E-07	2.69E-06
2393	495411.06	3860151.99	3.67E-03	3.70E-03	3.75E-03	1.27E-06	3.84E-06	2.22E-06	2.24E-06	2.03E-06	9.28E-07	9.40E-07	4.25E-08	1.03E-06	2.26E-07	3.05E-07	4.83E-07	8.52E-08	4.93E-07	2.66E-06
2394	495461.06	3860151.99	3.64E-03	3.67E-03	3.72E-03	1.26E-06	3.81E-06	2.20E-06	2.22E-06	2.02E-06	9.20E-07	9.31E-07	4.21E-08	1.02E-06	2.24E-07	3.02E-07	4.79E-07	8.44E-08	4.89E-07	2.64E-06
2395	495511.06	3860151.99	3.60E-03	3.63E-03	3.68E-03	1.25E-06	3.77E-06	2.18E-06	2.20E-06	1.99E-06	9.10E-07	9.21E-07	4.17E-08	1.01E-06	2.22E-07	2.99E-07	4.74E-07	8.35E-08	4.83E-07	2.61E-06
2396	495561.06	3860151.99	3.57E-03	3.60E-03	3.65E-03	1.24E-06	3.74E-06	2.16E-06	2.18E-06	1.98E-06	9.03E-07	9.14E-07	4.13E-08	9.98E-07	2.20E-07	2.96E-07	4.70E-07	8.28E-08	4.80E-07	2.59E-06
2397	495611.06	3860151.99	3.53E-03	3.57E-03	3.61E-03	1.22E-06	3.70E-06	2.14E-06	2.16E-06	1.96E-06	8.93E-07	9.04E-07	4.09E-08	9.88E-07	2.18E-07	2.93E-07	4.65E-07	8.20E-08	4.74E-07	2.56E-06
2398	495661.06	3860151.99	3.49E-03	3.53E-03	3.57E-03	1.21E-06	3.66E-06	2.12E-06	2.14E-06	1.94E-06	8.84E-07	8.94E-07	4.04E-08	9.77E-07	2.16E-07	2.90E-07	4.60E-07	8.11E-08	4.69E-07	2.53E-06
2399	495718.25	3859442.96	2.97E-03	3.01E-03	3.00E-03	1.03E-06	3.11E-06	1.80E-06	1.82E-06	1.65E-06	7.54E-07	7.52E-07	3.44E-08	8.31E-07	1.83E-07	2.48E-07	3.93E-07	6.92E-08	3.95E-07	2.15E-06
2400	495818.25	3859442.96	2.90E-03	2.94E-03	2.93E-03	1.01E-06	3.04E-06	1.76E-06	1.78E-06	1.61E-06	7.36E-07	7.34E-07	3.36E-08	8.12E-07	1.79E-07	2.42E-07	3.83E-07	6.76E-08	3.85E-07	2.10E-06
2401	495918.25	3859442.96	2.85E-03	2.89E-03	2.87E-03	9.88E-07	2.98E-06	1.73E-06	1.75E-06	1.58E-06	7.23E-07	7.20E-07	3.30E-08	7.97E-07	1.76E-07	2.37E-07	3.76E-07	6.64E-08	3.78E-07	2.06E-06
2402	496018.25	3859442.96	2.81E-03	2.84E-03	2.83E-03	9.73E-07	2.94E-06	1.70E-06	1.72E-06	1.56E-06	7.12E-07	7.08E-07	3.25E-08	7.85E-07	1.73E-07	2.34E-07	3.71E-07	6.53E-08	3.72E-07	2.03E-06
2403	496118.25	3859442.96	2.82E-03	2.85E-03	2.84E-03	9.76E-07	2.95E-06	1.71E-06	1.73E-06	1.56E-06	7.14E-07	7.11E-07	3.26E-08	7.87E-07	1.74E-07	2.34E-07	3.72E-07	6.55E-08	3.73E-07	2.04E-06
2404	496218.25	3859442.96	2.82E-03	2.85E-03	2.84E-03	9.77E-07	2.95E-06	1.71E-06	1.73E-06	1.57E-06	7.15E-07	7.11E-07	3.26E-08	7.88E-07	1.74E-07	2.35E-07	3.72E-07	6.56E-08	3.73E-07	2.04E-06
2405	496318.25	3859442.96	2.78E-03	2.81E-03	2.80E-03	9.63E-07	2.91E-06	1.68E-06	1.70E-06	1.54E-06	7.05E-07	7.01E-07	3.22E-08	7.77E-07	1.71E-07	2.31E-07	3.67E-07	6.47E-08	3.68E-07	2.01E-06
2406	496418.25	3859442.96	2.74E-03	2.77E-03	2.76E-03	9.49E-07	2.87E-06	1.66E-06	1.68E-06	1.52E-06	6.95E-07	6.91E-07	3.17E-08	7.65E-07	1.69E-07	2.28E-07	3.62E-07	6.37E-08	3.62E-07	1.98E-06
2407	495718.25	3859542.96	3.07E-03	3.11E-03	3.11E-03	1.07E-06	3.22E-06	1.86E-06	1.88E-06	1.71E-06	7.79E-07	7.78E-07	3.56E-08	8.59E-07	1.90E-07	2.56E-07	4.06E-07	7.15E-08	4.08E-07	2.23E-06
2408	495818.25	3859542.96	3.02E-03	3.05E-03	3.05E-03	1.05E-06	3.16E-06	1.83E-06	1.85E-06	1.68E-06	7.65E-07	7.64E-07	3.49E-08	8.43E-07	1.86E-07	2.51E-07	3.98E-07	7.02E-08	4.01E-07	2.18E-06
2409	495918.25	3859542.96	2.95E-03	2.98E-03	2.98E-03	1.02E-06	3.09E-06	1.79E-06	1.81E-06	1.64E-06	7.48E-07	7.46E-07	3.41E-08	8.25E-07	1.82E-07	2.45E-07	3.89E-07	6.86E-08	3.92E-07	2.14E-06
2410	496018.25	3859542.96	2.89E-03	2.93E-03	2.92E-03	1.00E-06	3.03E-06	1.75E-06	1.77E-06	1.61E-06	7.34E-07	7.32E-07	3.35E-08	8.09E-07	1.78E-07	2.41E-07	3.82E-07	6.73E-08	3.84E-07	2.09E-06
2411	496118.25	3859542.96	2.90E-03	2.93E-03	2.93E-03	1.00E-06	3.03E-06	1.76E-06	1.78E-06	1.61E-06	7.35E-07	7.33E-07	3.36E-08	8.11E-07	1.79E-07	2.41E-07	3.83E-07	6.75E-08	3.85E-07	2.10E-06
2412	496218.25	3859542.96	2.89E-03	2.92E-03	2.92E-03	1.00E-06	3.02E-06	1.75E-06	1.77E-06	1.61E-06	7.33E-07	7.31E-07	3.34E-08	8.08E-07	1.78E-07	2.40E-07	3.81E-07	6.72E-08	3.83E-07	2.09E-06
2413	496318.25	3859542.96	2.87E-03	2.90E-03	2.89E-03	9.94E-07	3.00E-06	1.74E-06	1.76E-06	1.59E-06	7.27E-07	7.25E-07	3.32E-08	8.02E-07	1.77E-07	2.39E-07	3.79E-07	6.67E-08	3.81E-07	2.08E-06
2414	496418.25	3859542.96	2.81E-03	2.85E-03	2.84E-03	9.75E-07	2.94E-06	1.70E-06	1.72E-06	1.56E-06	7.13E-07	7.11E-07	3.25E-08	7.86E-07	1.73E-07	2.34E-07	3.71E-07	6.54E-08	3.73E-07	2.04E-06
2415	495718.25	3859642.96	3.16E-03	3.19E-03	3.19E-03	1.09E-06	3.30E-06	1.91E-06	1.93E-06	1.75E-06	7.99E-07	8.00E-07	3.65E-08	8.82E-07	1.95E-07	2.62E-07	4.16E-07	7.34E-08	4.20E-07	2.29E-06
2416	495818.25	3859642.96	3.09E-03	3.12E-03	3.12E-03	1.07E-06	3.23E-06	1.87E-06	1.89E-06	1.71E-06	7.82E-07	7.83E-07	3.57E-08	8.63E-07	1.90E-07	2.57E-07	4.07E-07	7.18E-08	4.11E-07	2.24E-06
2417	495918.25	3859642.96	3.04E-03	3.08E-03	3.08E-03	1.05E-06	3.18E-06	1.84E-06	1.86E-06	1.69E-06	7.71E-07	7.71E-07	3.52E-08	8.50E-07	1.88E-07	2.53E-07	4.01E-07	7.07E-08	4.04E-07	2.20E-06
2418	496018.25	3859642.96	2.98E-03	3.02E-03	3.01E-03	1.03E-06	3.12E-06	1.81E-06	1.83E-06	1.66E-06	7.56E-07	7.55E-07	3.45E-08	8.34E-07	1.84E-07	2.48E-07	3.94E-07	6.94E-08	3.96E-07	2.16E-06
2419	496118.25	3859642.96	3.00E-03	3.03E-03	3.03E-03	1.04E-06	3.13E-06	1.81E-06	1.83E-06	1.66E-06	7.59E-07	7.59E-07	3.47E-08	8.37E-07	1.85E-07	2.49E-07	3.95E-07	6.97E-08	3.98E-07	2.17E-06
2420	496218.25	3859642.96	2.99E-03	3.02E-03	3.02E-03	1.04E-06	3.13E-06	1.81E-06	1.83E-06	1.66E-06	7.58E-07	7.57E-07	3.46E-08	8.36E-07	1.84E-07	2.49E-07	3.94E-07	6.95E-08	3.97E-07	2.16E-06
2421	496318.25	3859642.96	2.94E-03	2.97E-03	2.97E-03	1.02E-06	3.08E-06	1.78E-06	1.80E-06	1.63E-06	7.45E-07	7.45E-07	3.40E-08	8.22E-07	1.81E-07	2.45E-07	3.88E-07	6.84E-08	3.91E-07	2.13E-06
2422	496418.25	3859642.96	2.80E-03	2.83E-03	2.82E-03	9.69E-07	2.93E-06	1.69E-06	1.71E-06	1.55E-06	7.09E-07	7.07E-07	3.23E-08	7.81E-07	1.72E-07	2.33E-07	3.69E-07	6.50E-08	3.71E-07	2.02E-06
2423	495718.25	3859742.96	3.26E-03	3.30E-03	3.31E-03	1.13E-06	3.41E-06	1.98E-06	2.00E-06	1.81E-06	8.26E-07	8.28E-07	3.77E-08	9.12E-07	2.01E-07	2.71E-07	4.30E-07	7.58E-08	4.35E-07	2.36E-06
2424	495818.25	3859742.96	3.18E-03	3.21E-03	3.22E-03	1.10E-06	3.33E-06	1.93E-06	1.95E-06	1.77E-06	8.06E-07	8.08E-07	3.68E-08	8.89E-07	1.96E-07	2.64E-07	4.19E-07	7.39E-08	4.24E-07	2.30E-06
2425	495918.25	3859742.96	3.12E-03	3.15E-03	3.16E-03	1.08E-06	3.27E-06	1.89E-06	1.91E-06	1.73E-06	7.90E-07	7.92E-07	3.61E-08	8.72E-07	1.92E-07	2.59E-07	4.12E-07	7.25E-08	4.16E-07	2.26E-06
2426	496018.25	3859742.96	3.06E-03	3.09E-03	3.10E-03	1.06E-06	3.20E-06	1.85E-06	1.87E-06	1.70E-06	7.74E-07	7.76E-07	3.54E-08	8.55E-07	1.89E-07	2.54E-07	4.03E-07	7.11E-08	4.07E-07	2.21E-06
2427	496118.25	3859742.96	3.06E-03	3.09E-03	3.10E-03	1.06E-06	3.20E-06	1.85E-06	1.87E-06	1.70E-06	7.75E-07	7.76E-07	3.54E-08	8.55E-07	1.89E-07	2.54E-07	4.04E-07	7.11E-08	4.07E-07	2.22E-06
2428	496218.25	3859742.96	3.07E-03	3.11E-03	3.11E-03	1.07E-06	3.22E-06	1.86E-06	1.88E-06	1.71E-06	7.79E-07	7.80E-07	3.56E-08	8.59E-07	1.90E-07	2.56E-07	4.05E-07	7.14E-08	4.09E-07	2.23E-06
2429	496318.25	3859742.96	2.94E-03	2.98E-03	2.98E-03	1.02E-06	3.08E-06	1.78E-06	1.80E-06	1.63E-06	7.46E-07	7.46E-07	3.41E-08	8.23E-07	1.82E-07	2.45E-07	3.88E-07	6.84E-08	3.92E-07	2.13E-06
2430	496418.25	3859742.96	2.83E-03	2.86E-03	2.86E-03	9.81E-07	2.96E-06	1.71E-06	1.73E-06	1.57E-06	7.17E-07	7.17E-07	3.28E-08	7.91E-07	1.75E-07	2.35E-07	3.73E-07	6.58E-08	3.76E-07	2.05E-06
2431	495718.25	3859842.96	3.34E-03	3.37E-03	3.39E-03	1.16E-06	3.49E-06	2.02E-06	2.04E-06	1.85E-06	8.45E-07	8.49E-07	3.86E-08	9.33E-07	2.06E-07	2.77E-07	4.40E-07	7.75E-08	4.46E-07	2.42E-06

2432	495818.25	3859842.96	3.27E-03	3.31E-03	3.32E-03	1.13E-06	3.42E-06	1.98E-06	2.00E-06	1.82E-06	8.28E-07	8.32E-07	3.79E-08	9.15E-07	2.02E-07	2.72E-07	4.31E-07	7.60E-08	4.37E-07	2.37E-06
2433	495918.25	3859842.96	3.21E-03	3.24E-03	3.25E-03	1.11E-06	3.36E-06	1.94E-06	1.96E-06	1.78E-06	8.12E-07	8.15E-07	3.71E-08	8.96E-07	1.98E-07	2.66E-07	4.23E-07	7.45E-08	4.28E-07	2.32E-06
2434	496018.25	3859842.96	3.16E-03	3.20E-03	3.21E-03	1.10E-06	3.31E-06	1.92E-06	1.94E-06	1.76E-06	8.01E-07	8.04E-07	3.66E-08	8.85E-07	1.95E-07	2.63E-07	4.17E-07	7.35E-08	4.22E-07	2.29E-06
2435	496118.25	3859842.96	3.18E-03	3.22E-03	3.23E-03	1.10E-06	3.33E-06	1.93E-06	1.95E-06	1.77E-06	8.06E-07	8.10E-07	3.69E-08	8.90E-07	1.96E-07	2.65E-07	4.20E-07	7.40E-08	4.25E-07	2.31E-06
2436	496218.25	3859842.96	3.06E-03	3.09E-03	3.10E-03	1.06E-06	3.20E-06	1.85E-06	1.87E-06	1.70E-06	7.75E-07	7.77E-07	3.54E-08	8.55E-07	1.89E-07	2.54E-07	4.03E-07	7.11E-08	4.08E-07	2.22E-06
2437	496318.25	3859842.96	2.84E-03	2.87E-03	2.87E-03	9.84E-07	2.97E-06	1.72E-06	1.74E-06	1.58E-06	7.20E-07	7.20E-07	3.29E-08	7.94E-07	1.75E-07	2.36E-07	3.75E-07	6.60E-08	3.78E-07	2.06E-06
2438	496418.25	3859842.96	2.70E-03	2.73E-03	2.73E-03	9.36E-07	2.83E-06	1.64E-06	1.65E-06	1.50E-06	6.84E-07	6.84E-07	3.12E-08	7.55E-07	1.67E-07	2.25E-07	3.56E-07	6.28E-08	3.59E-07	1.96E-06
2439	495718.25	3859942.96	3.39E-03	3.42E-03	3.45E-03	1.17E-06	3.55E-06	2.05E-06	2.07E-06	1.88E-06	8.58E-07	8.64E-07	3.92E-08	9.48E-07	2.09E-07	2.82E-07	4.47E-07	7.87E-08	4.54E-07	2.46E-06
2440	495818.25	3859942.96	3.32E-03	3.35E-03	3.38E-03	1.15E-06	3.47E-06	2.01E-06	2.03E-06	1.84E-06	8.40E-07	8.46E-07	3.84E-08	9.28E-07	2.05E-07	2.76E-07	4.37E-07	7.71E-08	4.44E-07	2.41E-06
2441	495918.25	3859942.96	3.27E-03	3.30E-03	3.32E-03	1.13E-06	3.42E-06	1.98E-06	2.00E-06	1.81E-06	8.27E-07	8.32E-07	3.78E-08	9.14E-07	2.02E-07	2.71E-07	4.31E-07	7.59E-08	4.37E-07	2.37E-06
2442	496018.25	3859942.96	3.26E-03	3.29E-03	3.32E-03	1.13E-06	3.41E-06	1.98E-06	2.00E-06	1.81E-06	8.25E-07	8.31E-07	3.77E-08	9.12E-07	2.01E-07	2.71E-07	4.30E-07	7.57E-08	4.36E-07	2.36E-06
2443	496118.25	3859942.96	3.16E-03	3.19E-03	3.21E-03	1.10E-06	3.31E-06	1.91E-06	1.93E-06	1.75E-06	8.00E-07	8.04E-07	3.66E-08	8.83E-07	1.95E-07	2.63E-07	4.17E-07	7.34E-08	4.22E-07	2.29E-06
2444	496218.25	3859942.96	3.01E-03	3.04E-03	3.05E-03	1.04E-06	3.15E-06	1.82E-06	1.84E-06	1.67E-06	7.61E-07	7.64E-07	3.48E-08	8.41E-07	1.85E-07	2.50E-07	3.96E-07	6.99E-08	4.01E-07	2.18E-06
2445	496318.25	3859942.96	2.86E-03	2.89E-03	2.89E-03	9.90E-07	2.99E-06	1.73E-06	1.75E-06	1.59E-06	7.24E-07	7.25E-07	3.31E-08	7.99E-07	1.76E-07	2.38E-07	3.77E-07	6.64E-08	3.81E-07	2.07E-06
2446	496418.25	3859942.96	2.67E-03	2.70E-03	2.70E-03	9.25E-07	2.79E-06	1.62E-06	1.63E-06	1.48E-06	6.76E-07	6.76E-07	3.09E-08	7.46E-07	1.65E-07	2.22E-07	3.52E-07	6.20E-08	3.55E-07	1.93E-06
2447	496856.82	3858864.83	2.16E-03	2.19E-03	2.15E-03	7.48E-07	2.26E-06	1.31E-06	1.33E-06	1.20E-06	5.49E-07	5.39E-07	2.50E-08	6.03E-07	1.33E-07	1.80E-07	2.86E-07	5.03E-08	2.83E-07	1.56E-06
2448	496956.82	3858864.83	2.12E-03	2.15E-03	2.12E-03	7.36E-07	2.22E-06	1.29E-06	1.30E-06	1.18E-06	5.40E-07	5.30E-07	2.46E-08	5.93E-07	1.31E-07	1.77E-07	2.81E-07	4.95E-08	2.78E-07	1.53E-06
2449	497056.82	3858864.83	2.09E-03	2.12E-03	2.08E-03	7.24E-07	2.19E-06	1.26E-06	1.28E-06	1.16E-06	5.31E-07	5.22E-07	2.42E-08	5.84E-07	1.29E-07	1.74E-07	2.76E-07	4.87E-08	2.74E-07	1.51E-06
2450	497156.82	3858864.83	2.05E-03	2.08E-03	2.04E-03	7.10E-07	2.14E-06	1.24E-06	1.26E-06	1.14E-06	5.21E-07	5.12E-07	2.37E-08	5.72E-07	1.26E-07	1.71E-07	2.71E-07	4.78E-08	2.68E-07	1.48E-06
2451	497256.82	3858864.83	2.03E-03	2.06E-03	2.02E-03	7.04E-07	2.13E-06	1.23E-06	1.25E-06	1.13E-06	5.16E-07	5.07E-07	2.35E-08	5.68E-07	1.25E-07	1.69E-07	2.69E-07	4.74E-08	2.66E-07	1.47E-06
2452	496856.82	3858964.83	2.23E-03	2.26E-03	2.23E-03	7.73E-07	2.33E-06	1.35E-06	1.37E-06	1.24E-06	5.67E-07	5.58E-07	2.58E-08	6.24E-07	1.38E-07	1.86E-07	2.95E-07	5.20E-08	2.93E-07	1.61E-06
2453	496956.82	3858964.83	2.18E-03	2.21E-03	2.18E-03	7.56E-07	2.28E-06	1.32E-06	1.34E-06	1.21E-06	5.54E-07	5.46E-07	2.52E-08	6.10E-07	1.35E-07	1.82E-07	2.89E-07	5.09E-08	2.86E-07	1.58E-06
2454	497056.82	3858964.83	2.14E-03	2.17E-03	2.14E-03	7.43E-07	2.24E-06	1.30E-06	1.32E-06	1.19E-06	5.45E-07	5.36E-07	2.48E-08	5.99E-07	1.32E-07	1.79E-07	2.84E-07	5.00E-08	2.81E-07	1.55E-06
2455	497156.82	3858964.83	2.10E-03	2.13E-03	2.10E-03	7.29E-07	2.20E-06	1.27E-06	1.29E-06	1.17E-06	5.35E-07	5.26E-07	2.44E-08	5.88E-07	1.30E-07	1.76E-07	2.78E-07	4.91E-08	2.76E-07	1.52E-06
2456	497256.82	3858964.83	2.11E-03	2.14E-03	2.11E-03	7.32E-07	2.21E-06	1.28E-06	1.30E-06	1.18E-06	5.37E-07	5.28E-07	2.45E-08	5.91E-07	1.30E-07	1.76E-07	2.80E-07	4.93E-08	2.77E-07	1.53E-06
2457	496856.82	3859064.83	2.28E-03	2.31E-03	2.28E-03	7.89E-07	2.38E-06	1.38E-06	1.40E-06	1.27E-06	5.78E-07	5.70E-07	2.63E-08	6.36E-07	1.40E-07	1.90E-07	3.01E-07	5.30E-08	2.99E-07	1.65E-06
2458	496956.82	3859064.83	2.23E-03	2.26E-03	2.23E-03	7.74E-07	2.34E-06	1.35E-06	1.37E-06	1.24E-06	5.67E-07	5.59E-07	2.58E-08	6.24E-07	1.38E-07	1.86E-07	2.95E-07	5.20E-08	2.93E-07	1.61E-06
2459	497056.82	3859064.83	2.20E-03	2.23E-03	2.20E-03	7.61E-07	2.30E-06	1.33E-06	1.35E-06	1.22E-06	5.58E-07	5.50E-07	2.54E-08	6.14E-07	1.36E-07	1.83E-07	2.91E-07	5.12E-08	2.89E-07	1.59E-06
2460	497156.82	3859064.83	2.17E-03	2.20E-03	2.16E-03	7.50E-07	2.27E-06	1.31E-06	1.33E-06	1.21E-06	5.50E-07	5.42E-07	2.51E-08	6.05E-07	1.34E-07	1.81E-07	2.86E-07	5.05E-08	2.84E-07	1.57E-06
2461	497256.82	3859064.83	2.19E-03	2.22E-03	2.19E-03	7.60E-07	2.29E-06	1.33E-06	1.35E-06	1.22E-06	5.57E-07	5.49E-07	2.54E-08	6.13E-07	1.35E-07	1.83E-07	2.90E-07	5.11E-08	2.88E-07	1.59E-06
2462	496856.82	3859164.83	2.29E-03	2.33E-03	2.30E-03	7.95E-07	2.40E-06	1.39E-06	1.41E-06	1.28E-06	5.83E-07	5.75E-07	2.65E-08	6.41E-07	1.41E-07	1.91E-07	3.03E-07	5.35E-08	3.02E-07	1.66E-06
2463	496956.82	3859164.83	2.25E-03	2.28E-03	2.25E-03	7.79E-07	2.35E-06	1.36E-06	1.38E-06	1.25E-06	5.71E-07	5.63E-07	2.60E-08	6.28E-07	1.39E-07	1.87E-07	2.97E-07	5.24E-08	2.96E-07	1.63E-06
2464	497056.82	3859164.83	2.23E-03	2.26E-03	2.23E-03	7.71E-07	2.33E-06	1.35E-06	1.37E-06	1.24E-06	5.65E-07	5.58E-07	2.57E-08	6.22E-07	1.37E-07	1.86E-07	2.94E-07	5.19E-08	2.93E-07	1.61E-06
2465	497156.82	3859164.83	2.23E-03	2.26E-03	2.23E-03	7.73E-07	2.33E-06	1.35E-06	1.37E-06	1.24E-06	5.67E-07	5.59E-07	2.58E-08	6.24E-07	1.38E-07	1.86E-07	2.95E-07	5.20E-08	2.93E-07	1.61E-06
2466	497256.82	3859164.83	2.27E-03	2.30E-03	2.27E-03	7.87E-07	2.38E-06	1.38E-06	1.39E-06	1.26E-06	5.77E-07	5.69E-07	2.63E-08	6.35E-07	1.40E-07	1.89E-07	3.00E-07	5.29E-08	2.99E-07	1.64E-06
2467	496856.82	3859264.83	2.29E-03	2.32E-03	2.30E-03	7.95E-07	2.40E-06	1.39E-06	1.41E-06	1.28E-06	5.82E-07	5.76E-07	2.65E-08	6.41E-07	1.41E-07	1.91E-07	3.03E-07	5.34E-08	3.02E-07	1.66E-06
2468	496956.82	3859264.83	2.28E-03	2.31E-03	2.28E-03	7.90E-07	2.39E-06	1.38E-06	1.40E-06	1.27E-06	5.79E-07	5.72E-07	2.64E-08	6.37E-07	1.41E-07	1.90E-07	3.01E-07	5.31E-08	3.00E-07	1.65E-06
2469	497056.82	3859264.83	2.29E-03	2.32E-03	2.29E-03	7.93E-07	2.40E-06	1.39E-06	1.41E-06	1.27E-06	5.81E-07	5.74E-07	2.65E-08	6.40E-07	1.41E-07	1.91E-07	3.03E-07	5.33E-08	3.01E-07	1.66E-06
2470	497156.82	3859264.83	2.29E-03	2.32E-03	2.30E-03	7.95E-07	2.40E-06	1.39E-06	1.41E-06	1.28E-06	5.83E-07	5.75E-07	2.65E-08	6.41E-07	1.41E-07	1.91E-07	3.03E-07	5.35E-08	3.02E-07	1.66E-06
2471	497256.82	3859264.83	2.33E-03	2.36E-03	2.33E-03	8.06E-07	2.43E-06	1.41E-06	1.43E-06	1.29E-06	5.91E-07	5.83E-07	2.69E-08	6.50E-07	1.43E-07	1.94E-07	3.08E-07	5.42E-08	3.06E-07	1.68E-06
2472	497088.92	3858620.93	1.92E-03	1.95E-03	1.91E-03	6.65E-07	2.01E-06	1.16E-06	1.18E-06	1.07E-06	4.88E-07	4.78E-07	2.22E-08	5.36E-07	1.18E-07	1.60E-07	2.54E-07	4.48E-08	2.51E-07	1.39E-06
2473	497138.92	3858620.93	1.91E-03	1.94E-03	1.90E-03	6.63E-07	2.00E-06	1.16E-06	1.18E-06	1.07E-06	4.87E-07	4.77E-07	2.21E-08	5.35E-07	1.18E-07	1.60E-07	2.53E-07	4.47E-08	2.50E-07	1.38E-06
2474	497188.92	3858620.93	1.89E-03	1.92E-03	1.88E-03	6.57E-07	1.98E-06	1.15E-06	1.17E-06	1.06E-06	4.82E-07	4.72E-07	2.19E-08	5.30E-07	1.17E-07	1.58E-07	2.51E-07	4.42E-08	2.48E-07	1.37E-06
2475	497238.92	3858620.93	1.88E-03	1.91E-03	1.87E-03	6.53E-07	1.97E-06	1.14E-06	1.16E-06	1.05E-06	4.79E-07	4.69E-07	2.18E-08	5.27E-07	1.16E-07	1.57E-07	2.49E-07	4.40E-08	2.46E-07	1.36E-06
2476	497088.92	3858670.93	1.93E-03	1.96E-03	1.92E-03	6.68E-07	2.02E-06	1.17E-06	1.19E-06	1.07E-06	4.90E-07	4.81E-07	2.23E-08	5.39E-07	1.19E-07	1.61E-07	2.55E-07	4.50E-08	2.52E-07	1.39E-06
2477	497138.92	3858670.93	1.93E-03	1.96E-03	1.92E-03	6.69E-07	2.02E-06	1.17E-06	1.19E-06	1.08E-06	4.91E-07	4.81E-07	2.23E-08	5.40E-07	1.19E-07	1.61E-07	2.56E-07	4.51E-08	2.53E-07	1.40E-06
2478	497188.92	3858670.93	1.91E-03	1.94E-03	1.90E-03	6.63E-07	2.00E-06	1.16E-06	1.18E-06	1.07E-06	4.87E-07	4.77E-07	2.22E-08	5.35E-07	1.18E-07	1.60E-07	2.53E-07	4.47E-08	2.50E-07	1.38E-06
2479	497238.92	3858670.93	1.91E-03	1.94E-03	1.90E-03	6.61E-07	2.00E-06	1.16E-06	1.17E-06	1.06E-06	4.85E-07	4.76E-07	2.21E-08	5.33E-07	1.18E-07	1.59E-07	2.53E-07	4.45E-08	2.50E-07	1.38E-06
2480	497088.92	3858720.93	1.98E-03	2.00E-03	1.97E-03	6.85E-07	2.07E-06	1.20E-06	1.21E-06	1.10E-06	5.02E-07	4.93E-07	2.29E-08	5.52E-07	1.22E-07	1.65E-07	2.62E-07	4.61E-08	2.59E-07	1.43E-06
2481	497138.92	3858720.93	1.93E-03	1.96E-03	1.92E-03	6.70E-07	2.02E-06	1.17E-06	1.19E-06	1.08E-06	4.91E-07	4.82E-07	2.24E-08	5.40E-07	1.19E-07	1.61E-07	2.56E-07	4.51E-08	2.53E-07	1.40E-06
2482	497188.92	3858720.93	1.92E-03	1.95E-03	1.91E-03	6.66E-07	2.01E-06	1.16E-06	1.18E-06	1.07E-06	4.88E-07	4.79E-07	2.22E-08	5.37E-07	1.18E-07	1.60E-07	2.54E-07	4.48E-08	2.51E-07	1.39E-06
2483	497238.92	3858720.93	1.94E-03	1.97E-03	1.93E-03	6.71E-07	2.03E-06	1.17E-06	1.19E-06	1.08E-06	4.93E-07	4.83E-07	2.24E-08	5.42E-07	1.20E-07	1.62E-07	2.57E-07	4.52E-08	2.54E-07	1.40E-06
2484	497088.92	3858770.93	2.00E-03	2.03E-03	1.99E-03	6.92E-07	2.09E-06	1.21E-06	1.23E-06	1.11E-06	5.08E-07	4.98E-07	2.31E-08	5.58E-07	1.23E-07	1.67E-07	2.64E-07	4.66E-08	2.62E-07	1.44E-06

2485	497138.92	3858770.93	1.98E-03	2.01E-03	1.97E-03	6.85E-07	2.07E-06	1.20E-06	1.21E-06	1.10E-06	5.02E-07	4.93E-07	2.29E-08	5.52E-07	1.22E-07	1.65E-07	2.62E-07	4.61E-08	2.59E-07	1.43E-06
2486	497188.92	3858770.93	1.96E-03	1.99E-03	1.96E-03	6.80E-07	2.05E-06	1.19E-06	1.21E-06	1.09E-06	4.99E-07	4.90E-07	2.27E-08	5.49E-07	1.21E-07	1.64E-07	2.60E-07	4.58E-08	2.57E-07	1.42E-06
2487	497238.92	3858770.93	1.97E-03	2.00E-03	1.96E-03	6.82E-07	2.06E-06	1.19E-06	1.21E-06	1.10E-06	5.00E-07	4.91E-07	2.28E-08	5.50E-07	1.21E-07	1.64E-07	2.60E-07	4.59E-08	2.58E-07	1.42E-06
2488	497396.65	3858622.63	1.93E-03	1.96E-03	1.92E-03	6.70E-07	2.02E-06	1.17E-06	1.19E-06	1.08E-06	4.92E-07	4.81E-07	2.24E-08	5.41E-07	1.19E-07	1.61E-07	2.56E-07	4.52E-08	2.53E-07	1.40E-06
2489	497496.65	3858622.63	1.96E-03	1.99E-03	1.95E-03	6.79E-07	2.05E-06	1.19E-06	1.21E-06	1.09E-06	4.99E-07	4.88E-07	2.27E-08	5.48E-07	1.21E-07	1.64E-07	2.60E-07	4.58E-08	2.56E-07	1.42E-06
2490	497596.65	3858622.63	2.02E-03	2.05E-03	2.01E-03	7.01E-07	2.12E-06	1.22E-06	1.24E-06	1.13E-06	5.14E-07	5.03E-07	2.34E-08	5.65E-07	1.25E-07	1.69E-07	2.68E-07	4.72E-08	2.64E-07	1.46E-06
2491	497696.65	3858622.63	2.03E-03	2.06E-03	2.02E-03	7.05E-07	2.13E-06	1.23E-06	1.25E-06	1.13E-06	5.17E-07	5.05E-07	2.35E-08	5.68E-07	1.25E-07	1.70E-07	2.69E-07	4.75E-08	2.65E-07	1.47E-06
2492	497796.65	3858622.63	2.07E-03	2.10E-03	2.05E-03	7.16E-07	2.16E-06	1.25E-06	1.27E-06	1.15E-06	5.26E-07	5.14E-07	2.39E-08	5.78E-07	1.28E-07	1.73E-07	2.74E-07	4.83E-08	2.70E-07	1.49E-06
2493	497896.65	3858622.63	2.10E-03	2.14E-03	2.09E-03	7.29E-07	2.20E-06	1.27E-06	1.29E-06	1.17E-06	5.36E-07	5.23E-07	2.44E-08	5.88E-07	1.30E-07	1.76E-07	2.79E-07	4.92E-08	2.74E-07	1.52E-06
2494	497396.65	3858722.63	2.00E-03	2.03E-03	1.99E-03	6.93E-07	2.09E-06	1.21E-06	1.23E-06	1.12E-06	5.09E-07	4.99E-07	2.32E-08	5.59E-07	1.23E-07	1.67E-07	2.65E-07	4.67E-08	2.62E-07	1.45E-06
2495	497496.65	3858722.63	2.03E-03	2.06E-03	2.02E-03	7.04E-07	2.13E-06	1.23E-06	1.25E-06	1.13E-06	5.17E-07	5.06E-07	2.35E-08	5.68E-07	1.25E-07	1.70E-07	2.69E-07	4.74E-08	2.65E-07	1.47E-06
2496	497596.65	3858722.63	2.09E-03	2.12E-03	2.07E-03	7.24E-07	2.18E-06	1.26E-06	1.28E-06	1.16E-06	5.31E-07	5.20E-07	2.42E-08	5.84E-07	1.29E-07	1.74E-07	2.77E-07	4.87E-08	2.73E-07	1.51E-06
2497	497696.65	3858722.63	2.12E-03	2.15E-03	2.10E-03	7.34E-07	2.22E-06	1.28E-06	1.30E-06	1.18E-06	5.39E-07	5.27E-07	2.45E-08	5.92E-07	1.31E-07	1.77E-07	2.81E-07	4.94E-08	2.77E-07	1.53E-06
2498	497796.65	3858722.63	2.13E-03	2.16E-03	2.11E-03	7.38E-07	2.23E-06	1.29E-06	1.31E-06	1.19E-06	5.42E-07	5.30E-07	2.46E-08	5.95E-07	1.31E-07	1.78E-07	2.82E-07	4.97E-08	2.78E-07	1.54E-06
2499	497896.65	3858722.63	2.15E-03	2.19E-03	2.14E-03	7.46E-07	2.25E-06	1.30E-06	1.32E-06	1.20E-06	5.48E-07	5.36E-07	2.49E-08	6.02E-07	1.33E-07	1.80E-07	2.85E-07	5.03E-08	2.81E-07	1.56E-06
2500	497396.65	3858822.63	2.05E-03	2.08E-03	2.05E-03	7.12E-07	2.15E-06	1.24E-06	1.26E-06	1.14E-06	5.22E-07	5.12E-07	2.38E-08	5.74E-07	1.27E-07	1.71E-07	2.72E-07	4.79E-08	2.69E-07	1.49E-06
2501	497496.65	3858822.63	2.08E-03	2.11E-03	2.07E-03	7.20E-07	2.17E-06	1.26E-06	1.28E-06	1.16E-06	5.28E-07	5.18E-07	2.40E-08	5.81E-07	1.28E-07	1.73E-07	2.75E-07	4.85E-08	2.72E-07	1.50E-06
2502	497596.65	3858822.63	2.15E-03	2.18E-03	2.14E-03	7.46E-07	2.25E-06	1.30E-06	1.32E-06	1.20E-06	5.47E-07	5.36E-07	2.49E-08	6.02E-07	1.33E-07	1.80E-07	2.85E-07	5.02E-08	2.82E-07	1.56E-06
2503	497696.65	3858822.63	2.17E-03	2.20E-03	2.16E-03	7.52E-07	2.27E-06	1.31E-06	1.33E-06	1.21E-06	5.52E-07	5.41E-07	2.51E-08	6.06E-07	1.34E-07	1.81E-07	2.87E-07	5.06E-08	2.84E-07	1.57E-06
2504	497796.65	3858822.63	2.18E-03	2.22E-03	2.17E-03	7.56E-07	2.28E-06	1.32E-06	1.34E-06	1.22E-06	5.55E-07	5.44E-07	2.53E-08	6.10E-07	1.35E-07	1.82E-07	2.89E-07	5.10E-08	2.85E-07	1.58E-06
2505	497896.65	3858822.63	2.23E-03	2.26E-03	2.22E-03	7.73E-07	2.33E-06	1.35E-06	1.37E-06	1.24E-06	5.67E-07	5.56E-07	2.58E-08	6.23E-07	1.38E-07	1.86E-07	2.95E-07	5.21E-08	2.92E-07	1.61E-06
2506	497396.65	3858922.63	2.11E-03	2.14E-03	2.10E-03	7.31E-07	2.21E-06	1.28E-06	1.30E-06	1.18E-06	5.36E-07	5.27E-07	2.44E-08	5.90E-07	1.30E-07	1.76E-07	2.79E-07	4.92E-08	2.76E-07	1.53E-06
2507	497496.65	3858922.63	2.17E-03	2.20E-03	2.16E-03	7.52E-07	2.27E-06	1.31E-06	1.33E-06	1.21E-06	5.52E-07	5.42E-07	2.51E-08	6.07E-07	1.34E-07	1.81E-07	2.87E-07	5.06E-08	2.84E-07	1.57E-06
2508	497596.65	3858922.63	2.16E-03	2.19E-03	2.15E-03	7.49E-07	2.26E-06	1.31E-06	1.33E-06	1.20E-06	5.49E-07	5.39E-07	2.50E-08	6.04E-07	1.33E-07	1.80E-07	2.86E-07	5.04E-08	2.83E-07	1.56E-06
2509	497696.65	3858922.63	2.24E-03	2.27E-03	2.23E-03	7.76E-07	2.34E-06	1.36E-06	1.38E-06	1.25E-06	5.69E-07	5.58E-07	2.59E-08	6.26E-07	1.38E-07	1.87E-07	2.96E-07	5.22E-08	2.93E-07	1.62E-06
2510	497796.65	3858922.63	2.27E-03	2.30E-03	2.26E-03	7.87E-07	2.38E-06	1.38E-06	1.40E-06	1.27E-06	5.77E-07	5.67E-07	2.63E-08	6.35E-07	1.40E-07	1.90E-07	3.01E-07	5.30E-08	2.97E-07	1.64E-06
2511	497896.65	3858922.63	2.34E-03	2.38E-03	2.33E-03	8.11E-07	2.45E-06	1.42E-06	1.44E-06	1.30E-06	5.95E-07	5.85E-07	2.71E-08	6.55E-07	1.44E-07	1.95E-07	3.10E-07	5.46E-08	3.07E-07	1.69E-06
2512	497364.44	3858201.52	1.77E-03	1.80E-03	1.75E-03	6.13E-07	1.85E-06	1.07E-06	1.09E-06	9.87E-07	4.50E-07	4.39E-07	2.05E-08	4.94E-07	1.09E-07	1.48E-07	2.34E-07	4.13E-08	2.30E-07	1.28E-06
2513	497414.44	3858201.52	1.78E-03	1.81E-03	1.77E-03	6.18E-07	1.87E-06	1.08E-06	1.10E-06	9.96E-07	4.54E-07	4.42E-07	2.06E-08	4.99E-07	1.10E-07	1.49E-07	2.37E-07	4.17E-08	2.32E-07	1.29E-06
2514	497464.44	3858201.52	1.79E-03	1.82E-03	1.77E-03	6.22E-07	1.88E-06	1.09E-06	1.10E-06	1.00E-06	4.57E-07	4.45E-07	2.08E-08	5.02E-07	1.11E-07	1.50E-07	2.38E-07	4.19E-08	2.33E-07	1.30E-06
2515	497514.44	3858201.52	1.79E-03	1.82E-03	1.77E-03	6.21E-07	1.88E-06	1.09E-06	1.10E-06	1.00E-06	4.57E-07	4.44E-07	2.08E-08	5.01E-07	1.11E-07	1.50E-07	2.38E-07	4.19E-08	2.33E-07	1.30E-06
2516	497564.44	3858201.52	1.79E-03	1.81E-03	1.77E-03	6.19E-07	1.87E-06	1.08E-06	1.10E-06	9.96E-07	4.55E-07	4.42E-07	2.07E-08	4.99E-07	1.10E-07	1.49E-07	2.37E-07	4.17E-08	2.32E-07	1.29E-06
2517	497614.44	3858201.52	1.79E-03	1.81E-03	1.77E-03	6.19E-07	1.87E-06	1.08E-06	1.10E-06	9.97E-07	4.55E-07	4.42E-07	2.07E-08	4.99E-07	1.10E-07	1.49E-07	2.37E-07	4.17E-08	2.32E-07	1.29E-06
2518	497364.44	3858251.52	1.80E-03	1.83E-03	1.78E-03	6.25E-07	1.89E-06	1.09E-06	1.11E-06	1.01E-06	4.59E-07	4.47E-07	2.09E-08	5.04E-07	1.11E-07	1.51E-07	2.39E-07	4.21E-08	2.35E-07	1.30E-06
2519	497414.44	3858251.52	1.82E-03	1.85E-03	1.80E-03	6.31E-07	1.90E-06	1.10E-06	1.12E-06	1.02E-06	4.63E-07	4.51E-07	2.11E-08	5.09E-07	1.12E-07	1.52E-07	2.41E-07	4.25E-08	2.37E-07	1.31E-06
2520	497464.44	3858251.52	1.81E-03	1.83E-03	1.79E-03	6.26E-07	1.89E-06	1.09E-06	1.11E-06	1.01E-06	4.60E-07	4.48E-07	2.09E-08	5.05E-07	1.11E-07	1.51E-07	2.39E-07	4.22E-08	2.35E-07	1.30E-06
2521	497514.44	3858251.52	1.79E-03	1.82E-03	1.77E-03	6.20E-07	1.87E-06	1.08E-06	1.10E-06	9.98E-07	4.55E-07	4.43E-07	2.07E-08	5.00E-07	1.10E-07	1.49E-07	2.37E-07	4.18E-08	2.33E-07	1.29E-06
2522	497564.44	3858251.52	1.78E-03	1.81E-03	1.76E-03	6.17E-07	1.86E-06	1.08E-06	1.10E-06	9.94E-07	4.53E-07	4.42E-07	2.06E-08	4.98E-07	1.10E-07	1.49E-07	2.36E-07	4.16E-08	2.32E-07	1.29E-06
2523	497614.44	3858251.52	1.77E-03	1.80E-03	1.76E-03	6.15E-07	1.86E-06	1.07E-06	1.09E-06	9.90E-07	4.52E-07	4.40E-07	2.05E-08	4.96E-07	1.09E-07	1.48E-07	2.35E-07	4.14E-08	2.31E-07	1.28E-06
2524	497364.44	3858301.52	1.82E-03	1.85E-03	1.80E-03	6.30E-07	1.90E-06	1.10E-06	1.12E-06	1.01E-06	4.63E-07	4.51E-07	2.10E-08	5.08E-07	1.12E-07	1.52E-07	2.41E-07	4.24E-08	2.37E-07	1.31E-06
2525	497414.44	3858301.52	1.83E-03	1.86E-03	1.81E-03	6.33E-07	1.91E-06	1.11E-06	1.12E-06	1.02E-06	4.65E-07	4.53E-07	2.11E-08	5.11E-07	1.13E-07	1.53E-07	2.42E-07	4.27E-08	2.38E-07	1.32E-06
2526	497464.44	3858301.52	1.81E-03	1.84E-03	1.79E-03	6.27E-07	1.89E-06	1.10E-06	1.11E-06	1.01E-06	4.60E-07	4.49E-07	2.09E-08	5.06E-07	1.12E-07	1.51E-07	2.40E-07	4.23E-08	2.36E-07	1.31E-06
2527	497514.44	3858301.52	1.80E-03	1.82E-03	1.78E-03	6.22E-07	1.88E-06	1.09E-06	1.11E-06	1.00E-06	4.57E-07	4.46E-07	2.08E-08	5.02E-07	1.11E-07	1.50E-07	2.38E-07	4.20E-08	2.34E-07	1.30E-06
2528	497564.44	3858301.52	1.78E-03	1.81E-03	1.76E-03	6.16E-07	1.86E-06	1.08E-06	1.09E-06	9.91E-07	4.52E-07	4.41E-07	2.06E-08	4.97E-07	1.10E-07	1.48E-07	2.36E-07	4.15E-08	2.31E-07	1.28E-06
2529	497614.44	3858301.52	1.77E-03	1.80E-03	1.75E-03	6.13E-07	1.85E-06	1.07E-06	1.09E-06	9.87E-07	4.50E-07	4.39E-07	2.05E-08	4.95E-07	1.09E-07	1.48E-07	2.35E-07	4.13E-08	2.30E-07	1.28E-06
2530	497364.44	3858351.52	1.84E-03	1.87E-03	1.82E-03	6.37E-07	1.92E-06	1.11E-06	1.13E-06	1.02E-06	4.68E-07	4.56E-07	2.13E-08	5.13E-07	1.13E-07	1.53E-07	2.43E-07	4.29E-08	2.39E-07	1.33E-06
2531	497414.44	3858351.52	1.82E-03	1.85E-03	1.81E-03	6.32E-07	1.91E-06	1.10E-06	1.12E-06	1.02E-06	4.64E-07	4.53E-07	2.11E-08	5.10E-07	1.13E-07	1.52E-07	2.42E-07	4.26E-08	2.38E-07	1.32E-06
2532	497464.44	3858351.52	1.82E-03	1.85E-03	1.80E-03	6.30E-07	1.90E-06	1.10E-06	1.12E-06	1.01E-06	4.63E-07	4.51E-07	2.10E-08	5.08E-07	1.12E-07	1.52E-07	2.41E-07	4.25E-08	2.37E-07	1.31E-06
2533	497514.44	3858351.52	1.81E-03	1.84E-03	1.79E-03	6.26E-07	1.89E-06	1.09E-06	1.11E-06	1.01E-06	4.60E-07	4.48E-07	2.09E-08	5.05E-07	1.11E-07	1.51E-07	2.39E-07	4.22E-08	2.35E-07	1.31E-06
2534	497564.44	3858351.52	1.78E-03	1.81E-03	1.77E-03	6.18E-07	1.87E-06	1.08E-06	1.10E-06	9.95E-07	4.54E-07	4.43E-07	2.06E-08	4.99E-07	1.10E-07	1.49E-07	2.36E-07	4.17E-08	2.32E-07	1.29E-06
2535	497614.44	3858351.52	1.78E-03	1.80E-03	1.76E-03	6.16E-07	1.86E-06	1.08E-06	1.09E-06	9.91E-07	4.52E-07	4.41E-07	2.06E-08	4.97E-07	1.10E-07	1.48E-07	2.35E-07	4.15E-08	2.31E-07	1.28E-06
2536	497364.44	3858401.52	1.84E-03	1.87E-03	1.82E-03	6.36E-07	1.92E-06	1.11E-06	1.13E-06	1.02E-06	4.67E-07	4.56E-07	2.13E-08	5.13E-07	1.13E-07	1.53E-07	2.43E-07	4.29E-08	2.39E-07	1.33E-06
2537	497414.44	3858401.52	1.83E-03	1.86E-03	1.81E-03	6.34E-07	1.91E-06	1.11E-06	1.12E-06	1.02E-06	4.65E-07	4.54E-07	2.12E-08	5.11E-07	1.13E-07	1.53E-07	2.42E-07	4.27E-08	2.38E-07	1.32E-06

2538	497464.44	3858401.52	1.81E-03	1.84E-03	1.80E-03	6.29E-07	1.90E-06	1.10E-06	1.12E-06	1.01E-06	4.62E-07	4.51E-07	2.10E-08	5.07E-07	1.12E-07	1.52E-07	2.40E-07	4.24E-08	2.37E-07	1.31E-06
2539	497514.44	3858401.52	1.81E-03	1.83E-03	1.79E-03	6.26E-07	1.89E-06	1.09E-06	1.11E-06	1.01E-06	4.60E-07	4.49E-07	2.09E-08	5.05E-07	1.11E-07	1.51E-07	2.39E-07	4.22E-08	2.35E-07	1.30E-06
2540	497564.44	3858401.52	1.82E-03	1.85E-03	1.80E-03	6.30E-07	1.90E-06	1.10E-06	1.12E-06	1.01E-06	4.63E-07	4.51E-07	2.10E-08	5.08E-07	1.12E-07	1.52E-07	2.41E-07	4.25E-08	2.37E-07	1.31E-06
2541	497614.44	3858401.52	1.83E-03	1.86E-03	1.81E-03	6.35E-07	1.92E-06	1.11E-06	1.13E-06	1.02E-06	4.66E-07	4.55E-07	2.12E-08	5.12E-07	1.13E-07	1.53E-07	2.43E-07	4.28E-08	2.39E-07	1.32E-06
2542	493478.11	3860497.94	4.98E-03	5.01E-03	5.14E-03	1.72E-06	5.21E-06	3.01E-06	3.03E-06	2.75E-06	1.25E-06	1.29E-06	5.76E-08	1.39E-06	3.07E-07	4.12E-07	6.53E-07	1.15E-07	6.76E-07	3.61E-06
2543	493528.11	3860497.94	4.93E-03	4.96E-03	5.09E-03	1.71E-06	5.16E-06	2.99E-06	3.01E-06	2.72E-06	1.24E-06	1.28E-06	5.71E-08	1.38E-06	3.04E-07	4.08E-07	6.47E-07	1.14E-07	6.69E-07	3.58E-06
2544	493478.11	3860547.94	4.89E-03	4.92E-03	5.05E-03	1.69E-06	5.11E-06	2.96E-06	2.98E-06	2.70E-06	1.23E-06	1.26E-06	5.66E-08	1.37E-06	3.02E-07	4.04E-07	6.42E-07	1.13E-07	6.64E-07	3.55E-06
2545	493528.11	3860547.94	4.85E-03	4.88E-03	5.01E-03	1.68E-06	5.07E-06	2.94E-06	2.95E-06	2.68E-06	1.22E-06	1.25E-06	5.61E-08	1.36E-06	2.99E-07	4.01E-07	6.36E-07	1.12E-07	6.58E-07	3.52E-06
2546	493478.11	3860597.94	4.80E-03	4.83E-03	4.96E-03	1.66E-06	5.02E-06	2.91E-06	2.92E-06	2.65E-06	1.21E-06	1.24E-06	5.55E-08	1.34E-06	2.96E-07	3.97E-07	6.30E-07	1.11E-07	6.52E-07	3.48E-06
2547	493528.11	3860597.94	4.76E-03	4.79E-03	4.91E-03	1.65E-06	4.98E-06	2.88E-06	2.90E-06	2.63E-06	1.20E-06	1.23E-06	5.50E-08	1.33E-06	2.93E-07	3.94E-07	6.24E-07	1.10E-07	6.46E-07	3.45E-06
2548	493561.88	3860524.64	4.86E-03	4.89E-03	5.01E-03	1.68E-06	5.08E-06	2.94E-06	2.96E-06	2.68E-06	1.22E-06	1.26E-06	5.62E-08	1.36E-06	3.00E-07	4.02E-07	6.37E-07	1.12E-07	6.59E-07	3.52E-06
2549	493591.88	3860524.64	4.83E-03	4.86E-03	4.98E-03	1.67E-06	5.05E-06	2.92E-06	2.94E-06	2.67E-06	1.22E-06	1.25E-06	5.59E-08	1.35E-06	2.98E-07	4.00E-07	6.34E-07	1.12E-07	6.55E-07	3.50E-06
2550	493561.88	3860554.64	4.81E-03	4.84E-03	4.96E-03	1.67E-06	5.03E-06	2.91E-06	2.93E-06	2.66E-06	1.21E-06	1.24E-06	5.56E-08	1.34E-06	2.96E-07	3.98E-07	6.31E-07	1.11E-07	6.52E-07	3.49E-06
2551	493591.88	3860554.64	4.78E-03	4.81E-03	4.93E-03	1.66E-06	5.00E-06	2.89E-06	2.91E-06	2.64E-06	1.20E-06	1.24E-06	5.53E-08	1.34E-06	2.95E-07	3.95E-07	6.27E-07	1.11E-07	6.48E-07	3.47E-06
2552	492880.5	3860293.11	6.07E-03	6.11E-03	6.29E-03	2.10E-06	6.36E-06	3.68E-06	3.70E-06	3.35E-06	1.53E-06	1.58E-06	7.03E-08	1.70E-06	3.75E-07	5.02E-07	7.97E-07	1.40E-07	8.27E-07	4.41E-06
2553	492930.5	3860293.11	6.00E-03	6.03E-03	6.21E-03	2.08E-06	6.28E-06	3.63E-06	3.65E-06	3.31E-06	1.51E-06	1.56E-06	6.94E-08	1.68E-06	3.70E-07	4.96E-07	7.87E-07	1.39E-07	8.16E-07	4.35E-06
2554	492980.5	3860293.11	5.92E-03	5.96E-03	6.13E-03	2.05E-06	6.20E-06	3.59E-06	3.61E-06	3.27E-06	1.49E-06	1.54E-06	6.86E-08	1.66E-06	3.65E-07	4.90E-07	7.77E-07	1.37E-07	8.06E-07	4.30E-06
2555	493030.5	3860293.11	5.82E-03	5.85E-03	6.01E-03	2.02E-06	6.08E-06	3.52E-06	3.54E-06	3.21E-06	1.47E-06	1.51E-06	6.73E-08	1.63E-06	3.59E-07	4.81E-07	7.63E-07	1.34E-07	7.91E-07	4.22E-06
2556	493080.5	3860293.11	5.67E-03	5.70E-03	5.86E-03	1.96E-06	5.93E-06	3.43E-06	3.45E-06	3.13E-06	1.43E-06	1.47E-06	6.56E-08	1.58E-06	3.50E-07	4.69E-07	7.44E-07	1.31E-07	7.70E-07	4.11E-06
2557	493130.5	3860293.11	5.67E-03	5.70E-03	5.85E-03	1.96E-06	5.93E-06	3.43E-06	3.45E-06	3.13E-06	1.43E-06	1.47E-06	6.56E-08	1.58E-06	3.49E-07	4.69E-07	7.44E-07	1.31E-07	7.70E-07	4.11E-06
2558	493180.5	3860293.11	5.64E-03	5.67E-03	5.83E-03	1.95E-06	5.90E-06	3.42E-06	3.44E-06	3.12E-06	1.42E-06	1.46E-06	6.53E-08	1.58E-06	3.48E-07	4.67E-07	7.40E-07	1.30E-07	7.66E-07	4.09E-06
2559	493230.5	3860293.11	5.59E-03	5.62E-03	5.77E-03	1.94E-06	5.85E-06	3.38E-06	3.40E-06	3.09E-06	1.41E-06	1.45E-06	6.47E-08	1.56E-06	3.45E-07	4.62E-07	7.33E-07	1.29E-07	7.59E-07	4.05E-06
2560	493280.5	3860293.11	5.50E-03	5.54E-03	5.68E-03	1.91E-06	5.76E-06	3.33E-06	3.35E-06	3.04E-06	1.39E-06	1.42E-06	6.37E-08	1.54E-06	3.39E-07	4.55E-07	7.22E-07	1.27E-07	7.47E-07	3.99E-06
2561	493330.5	3860293.11	5.43E-03	5.47E-03	5.61E-03	1.88E-06	5.68E-06	3.29E-06	3.31E-06	3.00E-06	1.37E-06	1.40E-06	6.29E-08	1.52E-06	3.35E-07	4.50E-07	7.13E-07	1.26E-07	7.37E-07	3.94E-06
2562	493380.5	3860293.11	5.37E-03	5.40E-03	5.54E-03	1.86E-06	5.62E-06	3.25E-06	3.27E-06	2.97E-06	1.35E-06	1.39E-06	6.21E-08	1.50E-06	3.31E-07	4.44E-07	7.05E-07	1.24E-07	7.29E-07	3.90E-06
2563	492880.5	3860343.11	5.97E-03	6.00E-03	6.18E-03	2.07E-06	6.25E-06	3.62E-06	3.63E-06	3.29E-06	1.50E-06	1.55E-06	6.91E-08	1.67E-06	3.68E-07	4.93E-07	7.83E-07	1.38E-07	8.13E-07	4.33E-06
2564	492930.5	3860343.11	5.90E-03	5.93E-03	6.11E-03	2.04E-06	6.17E-06	3.57E-06	3.59E-06	3.26E-06	1.49E-06	1.53E-06	6.83E-08	1.65E-06	3.64E-07	4.88E-07	7.74E-07	1.36E-07	8.03E-07	4.28E-06
2565	492980.5	3860343.11	5.81E-03	5.84E-03	6.01E-03	2.01E-06	6.08E-06	3.52E-06	3.54E-06	3.21E-06	1.46E-06	1.51E-06	6.72E-08	1.62E-06	3.58E-07	4.80E-07	7.62E-07	1.34E-07	7.90E-07	4.21E-06
2566	493030.5	3860343.11	5.74E-03	5.77E-03	5.94E-03	1.99E-06	6.01E-06	3.48E-06	3.50E-06	3.17E-06	1.45E-06	1.49E-06	6.64E-08	1.60E-06	3.54E-07	4.75E-07	7.53E-07	1.33E-07	7.81E-07	4.17E-06
2567	493080.5	3860343.11	5.63E-03	5.66E-03	5.82E-03	1.95E-06	5.89E-06	3.41E-06	3.43E-06	3.11E-06	1.42E-06	1.46E-06	6.51E-08	1.57E-06	3.47E-07	4.66E-07	7.39E-07	1.30E-07	7.65E-07	4.08E-06
2568	493130.5	3860343.11	5.58E-03	5.62E-03	5.77E-03	1.94E-06	5.84E-06	3.38E-06	3.40E-06	3.08E-06	1.41E-06	1.45E-06	6.46E-08	1.56E-06	3.44E-07	4.62E-07	7.33E-07	1.29E-07	7.59E-07	4.05E-06
2569	493180.5	3860343.11	5.56E-03	5.59E-03	5.75E-03	1.93E-06	5.82E-06	3.37E-06	3.39E-06	3.07E-06	1.40E-06	1.44E-06	6.43E-08	1.55E-06	3.43E-07	4.60E-07	7.30E-07	1.29E-07	7.56E-07	4.03E-06
2570	493230.5	3860343.11	5.50E-03	5.54E-03	5.69E-03	1.91E-06	5.76E-06	3.33E-06	3.35E-06	3.04E-06	1.39E-06	1.42E-06	6.37E-08	1.54E-06	3.40E-07	4.55E-07	7.22E-07	1.27E-07	7.48E-07	3.99E-06
2571	493280.5	3860343.11	5.43E-03	5.46E-03	5.60E-03	1.88E-06	5.68E-06	3.29E-06	3.31E-06	3.00E-06	1.37E-06	1.40E-06	6.28E-08	1.52E-06	3.35E-07	4.49E-07	7.12E-07	1.26E-07	7.37E-07	3.94E-06
2572	493330.5	3860343.11	5.36E-03	5.39E-03	5.53E-03	1.86E-06	5.60E-06	3.24E-06	3.26E-06	2.96E-06	1.35E-06	1.39E-06	6.20E-08	1.50E-06	3.30E-07	4.43E-07	7.03E-07	1.24E-07	7.27E-07	3.89E-06
2573	493380.5	3860343.11	5.30E-03	5.33E-03	5.47E-03	1.84E-06	5.54E-06	3.21E-06	3.23E-06	2.93E-06	1.34E-06	1.37E-06	6.13E-08	1.48E-06	3.27E-07	4.38E-07	6.96E-07	1.23E-07	7.19E-07	3.84E-06
2574	492880.5	3860393.11	5.86E-03	5.89E-03	6.07E-03	2.03E-06	6.13E-06	3.55E-06	3.57E-06	3.23E-06	1.48E-06	1.52E-06	6.78E-08	1.64E-06	3.61E-07	4.84E-07	7.69E-07	1.35E-07	7.98E-07	4.25E-06
2575	492930.5	3860393.11	5.79E-03	5.82E-03	6.00E-03	2.01E-06	6.06E-06	3.51E-06	3.53E-06	3.20E-06	1.46E-06	1.50E-06	6.70E-08	1.62E-06	3.57E-07	4.79E-07	7.60E-07	1.34E-07	7.89E-07	4.20E-06
2576	492980.5	3860393.11	5.72E-03	5.75E-03	5.92E-03	1.98E-06	5.98E-06	3.46E-06	3.48E-06	3.16E-06	1.44E-06	1.48E-06	6.62E-08	1.60E-06	3.53E-07	4.73E-07	7.50E-07	1.32E-07	7.79E-07	4.15E-06
2577	493030.5	3860393.11	5.65E-03	5.68E-03	5.85E-03	1.96E-06	5.91E-06	3.42E-06	3.44E-06	3.12E-06	1.42E-06	1.46E-06	6.54E-08	1.58E-06	3.48E-07	4.67E-07	7.41E-07	1.31E-07	7.69E-07	4.10E-06
2578	493080.5	3860393.11	5.55E-03	5.58E-03	5.74E-03	1.92E-06	5.81E-06	3.36E-06	3.38E-06	3.07E-06	1.40E-06	1.44E-06	6.43E-08	1.55E-06	3.43E-07	4.59E-07	7.29E-07	1.28E-07	7.55E-07	4.03E-06
2579	493130.5	3860393.11	5.51E-03	5.54E-03	5.70E-03	1.91E-06	5.77E-06	3.34E-06	3.36E-06	3.04E-06	1.39E-06	1.43E-06	6.38E-08	1.54E-06	3.40E-07	4.56E-07	7.23E-07	1.27E-07	7.49E-07	4.00E-06
2580	493180.5	3860393.11	5.47E-03	5.51E-03	5.66E-03	1.90E-06	5.73E-06	3.32E-06	3.34E-06	3.02E-06	1.38E-06	1.42E-06	6.34E-08	1.53E-06	3.38E-07	4.53E-07	7.18E-07	1.27E-07	7.44E-07	3.97E-06
2581	493230.5	3860393.11	5.42E-03	5.45E-03	5.60E-03	1.88E-06	5.67E-06	3.28E-06	3.30E-06	2.99E-06	1.37E-06	1.40E-06	6.27E-08	1.51E-06	3.34E-07	4.48E-07	7.11E-07	1.25E-07	7.36E-07	3.93E-06
2582	493280.5	3860393.11	5.35E-03	5.38E-03	5.52E-03	1.85E-06	5.59E-06	3.24E-06	3.26E-06	2.95E-06	1.35E-06	1.38E-06	6.19E-08	1.49E-06	3.30E-07	4.42E-07	7.02E-07	1.24E-07	7.26E-07	3.88E-06
2583	493330.5	3860393.11	5.28E-03	5.31E-03	5.45E-03	1.83E-06	5.52E-06	3.20E-06	3.22E-06	2.92E-06	1.33E-06	1.37E-06	6.11E-08	1.48E-06	3.26E-07	4.37E-07	6.93E-07	1.22E-07	7.17E-07	3.83E-06
2584	493380.5	3860393.11	5.22E-03	5.25E-03	5.39E-03	1.81E-06	5.46E-06	3.16E-06	3.18E-06	2.88E-06	1.32E-06	1.35E-06	6.04E-08	1.46E-06	3.22E-07	4.32E-07	6.85E-07	1.21E-07	7.09E-07	3.79E-06
2585	492880.5	3860443.11	5.75E-03	5.78E-03	5.95E-03	1.99E-06	6.01E-06	3.48E-06	3.50E-06	3.17E-06	1.45E-06	1.49E-06	6.65E-08	1.61E-06	3.54E-07	4.75E-07	7.53E-07	1.33E-07	7.83E-07	4.17E-06
2586	492930.5	3860443.11	5.68E-03	5.71E-03	5.89E-03	1.97E-06	5.95E-06	3.44E-06	3.46E-06	3.14E-06	1.43E-06	1.48E-06	6.58E-08	1.59E-06	3.51E-07	4.70E-07	7.45E-07	1.31E-07	7.74E-07	4.13E-06
2587	492980.5	3860443.11	5.62E-03	5.65E-03	5.82E-03	1.95E-06	5.88E-06	3.41E-06	3.42E-06	3.10E-06	1.42E-06	1.46E-06	6.51E-08	1.57E-06	3.47E-07	4.65E-07	7.37E-07	1.30E-07	7.66E-07	4.08E-06
2588	493030.5	3860443.11	5.55E-03	5.58E-03	5.75E-03	1.92E-06	5.81E-06	3.36E-06	3.38E-06	3.07E-06	1.40E-06	1.44E-06	6.43E-08	1.55E-06	3.43E-07	4.59E-07	7.29E-07	1.28E-07	7.56E-07	4.03E-06
2589	493080.5	3860443.11	5.49E-03	5.52E-03	5.68E-03	1.90E-06	5.75E-06	3.33E-06	3.35E-06	3.03E-06	1.38E-06	1.42E-06	6.36E-08	1.54E-06	3.39E-07	4.54E-07	7.21E-07	1.27E-07	7.48E-07	3.99E-06
2590	493130.5	3860443.11	5.43E-03	5.46E-03	5.62E-03	1.88E-06	5.69E-06	3.29E-06	3.31E-06	3.00E-06	1.37E-06	1.41E-06	6.29E-08	1.52E-06	3.35E-07	4.49E-07	7.13E-07	1.26E-07	7.39E-07	3.94E-06

2591	493180.5	3860443.11	5.39E-03	5.42E-03	5.57E-03	1.87E-06	5.64E-06	3.26E-06	3.28E-06	2.97E-06	1.36E-06	1.40E-06	6.23E-08	1.51E-06	3.32E-07	4.46E-07	7.07E-07	1.25E-07	7.33E-07	3.91E-06
2592	493230.5	3860443.11	5.32E-03	5.35E-03	5.50E-03	1.84E-06	5.57E-06	3.22E-06	3.24E-06	2.94E-06	1.34E-06	1.38E-06	6.16E-08	1.49E-06	3.28E-07	4.40E-07	6.98E-07	1.23E-07	7.23E-07	3.86E-06
2593	493280.5	3860443.11	5.26E-03	5.29E-03	5.44E-03	1.82E-06	5.51E-06	3.19E-06	3.21E-06	2.91E-06	1.33E-06	1.36E-06	6.09E-08	1.47E-06	3.25E-07	4.35E-07	6.91E-07	1.22E-07	7.15E-07	3.82E-06
2594	493330.5	3860443.11	5.20E-03	5.23E-03	5.37E-03	1.80E-06	5.44E-06	3.15E-06	3.17E-06	2.87E-06	1.31E-06	1.34E-06	6.01E-08	1.45E-06	3.20E-07	4.30E-07	6.82E-07	1.20E-07	7.06E-07	3.77E-06
2595	493380.5	3860443.11	5.15E-03	5.18E-03	5.32E-03	1.78E-06	5.39E-06	3.12E-06	3.14E-06	2.84E-06	1.30E-06	1.33E-06	5.96E-08	1.44E-06	3.18E-07	4.26E-07	6.76E-07	1.19E-07	6.99E-07	3.74E-06
2596	493180.5	3860493.11	5.29E-03	5.32E-03	5.47E-03	1.83E-06	5.53E-06	3.20E-06	3.22E-06	2.92E-06	1.33E-06	1.37E-06	6.12E-08	1.48E-06	3.26E-07	4.37E-07	6.93E-07	1.22E-07	7.19E-07	3.84E-06
2597	493230.5	3860493.11	5.23E-03	5.26E-03	5.41E-03	1.81E-06	5.47E-06	3.17E-06	3.19E-06	2.89E-06	1.32E-06	1.35E-06	6.05E-08	1.46E-06	3.23E-07	4.33E-07	6.86E-07	1.21E-07	7.11E-07	3.80E-06
2598	493280.5	3860493.11	5.17E-03	5.20E-03	5.35E-03	1.79E-06	5.41E-06	3.13E-06	3.15E-06	2.86E-06	1.30E-06	1.34E-06	5.98E-08	1.45E-06	3.19E-07	4.28E-07	6.79E-07	1.20E-07	7.03E-07	3.75E-06
2599	493330.5	3860493.11	5.12E-03	5.15E-03	5.29E-03	1.77E-06	5.35E-06	3.10E-06	3.12E-06	2.83E-06	1.29E-06	1.32E-06	5.92E-08	1.43E-06	3.16E-07	4.23E-07	6.72E-07	1.18E-07	6.95E-07	3.71E-06
2600	493380.5	3860493.11	5.07E-03	5.10E-03	5.24E-03	1.76E-06	5.31E-06	3.07E-06	3.09E-06	2.80E-06	1.28E-06	1.31E-06	5.87E-08	1.42E-06	3.13E-07	4.20E-07	6.65E-07	1.17E-07	6.89E-07	3.68E-06
2601	493330.5	3860543.11	5.03E-03	5.06E-03	5.20E-03	1.74E-06	5.26E-06	3.05E-06	3.06E-06	2.78E-06	1.27E-06	1.30E-06	5.82E-08	1.41E-06	3.10E-07	4.16E-07	6.60E-07	1.16E-07	6.83E-07	3.65E-06
2602	493380.5	3860543.11	4.98E-03	5.01E-03	5.15E-03	1.73E-06	5.21E-06	3.02E-06	3.04E-06	2.75E-06	1.26E-06	1.29E-06	5.77E-08	1.39E-06	3.07E-07	4.12E-07	6.54E-07	1.15E-07	6.77E-07	3.62E-06
2603	494135.94	3860876.85	3.87E-03	3.89E-03	3.99E-03	1.34E-06	4.05E-06	2.34E-06	2.36E-06	2.14E-06	9.75E-07	9.99E-07	4.48E-08	1.08E-06	2.39E-07	3.20E-07	5.08E-07	8.95E-08	5.24E-07	2.81E-06
2604	494185.94	3860876.85	3.84E-03	3.87E-03	3.96E-03	1.33E-06	4.02E-06	2.33E-06	2.34E-06	2.12E-06	9.69E-07	9.91E-07	4.44E-08	1.07E-06	2.37E-07	3.18E-07	5.04E-07	8.89E-08	5.20E-07	2.79E-06
2605	494135.94	3860926.85	3.79E-03	3.81E-03	3.91E-03	1.31E-06	3.97E-06	2.30E-06	2.31E-06	2.09E-06	9.56E-07	9.79E-07	4.39E-08	1.06E-06	2.34E-07	3.14E-07	4.98E-07	8.77E-08	5.14E-07	2.75E-06
2606	494185.94	3860926.85	3.76E-03	3.79E-03	3.88E-03	1.30E-06	3.94E-06	2.28E-06	2.29E-06	2.08E-06	9.49E-07	9.72E-07	4.36E-08	1.05E-06	2.32E-07	3.12E-07	4.94E-07	8.71E-08	5.10E-07	2.73E-06
2607	494135.94	3860976.85	3.71E-03	3.74E-03	3.83E-03	1.29E-06	3.88E-06	2.25E-06	2.26E-06	2.05E-06	9.36E-07	9.59E-07	4.30E-08	1.04E-06	2.29E-07	3.07E-07	4.88E-07	8.59E-08	5.03E-07	2.69E-06
2608	494185.94	3860976.85	3.69E-03	3.71E-03	3.80E-03	1.28E-06	3.86E-06	2.23E-06	2.25E-06	2.04E-06	9.30E-07	9.52E-07	4.27E-08	1.03E-06	2.27E-07	3.05E-07	4.84E-07	8.54E-08	5.00E-07	2.68E-06
2609	494135.94	3861026.85	3.64E-03	3.66E-03	3.75E-03	1.26E-06	3.80E-06	2.20E-06	2.22E-06	2.01E-06	9.17E-07	9.39E-07	4.21E-08	1.02E-06	2.24E-07	3.01E-07	4.77E-07	8.41E-08	4.93E-07	2.64E-06
2610	494185.94	3861026.85	3.61E-03	3.64E-03	3.72E-03	1.25E-06	3.78E-06	2.19E-06	2.20E-06	2.00E-06	9.11E-07	9.33E-07	4.18E-08	1.01E-06	2.23E-07	2.99E-07	4.74E-07	8.36E-08	4.90E-07	2.62E-06
2611	494135.94	3861076.85	3.56E-03	3.58E-03	3.67E-03	1.23E-06	3.72E-06	2.16E-06	2.17E-06	1.97E-06	8.98E-07	9.20E-07	4.12E-08	9.95E-07	2.20E-07	2.95E-07	4.67E-07	8.24E-08	4.83E-07	2.58E-06
2612	494185.94	3861076.85	3.54E-03	3.56E-03	3.65E-03	1.23E-06	3.70E-06	2.14E-06	2.16E-06	1.95E-06	8.92E-07	9.14E-07	4.09E-08	9.89E-07	2.18E-07	2.93E-07	4.64E-07	8.18E-08	4.79E-07	2.57E-06
2613	490360.04	3858710.04	1.27E-02	1.28E-02	1.31E-02	4.40E-06	1.33E-05	7.69E-06	7.73E-06	7.01E-06	3.20E-06	3.28E-06	1.47E-07	3.55E-06	7.83E-07	1.05E-06	1.67E-06	2.94E-07	1.72E-06	9.21E-06
2614	490410.04	3858710.04	1.24E-02	1.25E-02	1.28E-02	4.30E-06	1.30E-05	7.51E-06	7.56E-06	6.86E-06	3.13E-06	3.20E-06	1.44E-07	3.47E-06	7.65E-07	1.03E-06	1.63E-06	2.87E-07	1.68E-06	9.00E-06
2615	490460.04	3858710.04	1.20E-02	1.21E-02	1.24E-02	4.17E-06	1.26E-05	7.30E-06	7.34E-06	6.66E-06	3.04E-06	3.11E-06	1.39E-07	3.37E-06	7.43E-07	9.97E-07	1.58E-06	2.79E-07	1.63E-06	8.74E-06
2616	490510.04	3858710.04	1.18E-02	1.19E-02	1.21E-02	4.08E-06	1.23E-05	7.14E-06	7.19E-06	6.51E-06	2.97E-06	3.04E-06	1.36E-07	3.29E-06	7.27E-07	9.76E-07	1.55E-06	2.73E-07	1.59E-06	8.55E-06
2617	490560.04	3858710.04	1.16E-02	1.16E-02	1.19E-02	4.00E-06	1.21E-05	7.00E-06	7.05E-06	6.39E-06	2.91E-06	2.98E-06	1.34E-07	3.23E-06	7.13E-07	9.57E-07	1.52E-06	2.67E-07	1.56E-06	8.38E-06
2618	490610.04	3858710.04	1.13E-02	1.14E-02	1.16E-02	3.92E-06	1.18E-05	6.85E-06	6.90E-06	6.26E-06	2.86E-06	2.91E-06	1.31E-07	3.16E-06	6.98E-07	9.37E-07	1.49E-06	2.62E-07	1.53E-06	8.21E-06
2619	490660.04	3858710.04	1.12E-02	1.12E-02	1.15E-02	3.87E-06	1.17E-05	6.76E-06	6.81E-06	6.17E-06	2.82E-06	2.87E-06	1.29E-07	3.12E-06	6.88E-07	9.24E-07	1.47E-06	2.58E-07	1.51E-06	8.09E-06
2620	490710.04	3858710.04	1.09E-02	1.10E-02	1.12E-02	3.77E-06	1.14E-05	6.59E-06	6.64E-06	6.02E-06	2.75E-06	2.80E-06	1.26E-07	3.04E-06	6.71E-07	9.02E-07	1.43E-06	2.52E-07	1.47E-06	7.89E-06
2621	490760.04	3858710.04	1.06E-02	1.07E-02	1.09E-02	3.69E-06	1.11E-05	6.45E-06	6.50E-06	5.89E-06	2.69E-06	2.74E-06	1.23E-07	2.98E-06	6.57E-07	8.82E-07	1.40E-06	2.47E-07	1.44E-06	7.72E-06
2622	490810.04	3858710.04	1.04E-02	1.05E-02	1.07E-02	3.61E-06	1.09E-05	6.31E-06	6.36E-06	5.76E-06	2.63E-06	2.68E-06	1.21E-07	2.91E-06	6.43E-07	8.63E-07	1.37E-06	2.41E-07	1.40E-06	7.55E-06
2623	490860.04	3858710.04	1.01E-02	1.02E-02	1.04E-02	3.52E-06	1.06E-05	6.15E-06	6.19E-06	5.62E-06	2.56E-06	2.61E-06	1.17E-07	2.84E-06	6.26E-07	8.41E-07	1.33E-06	2.35E-07	1.37E-06	7.36E-06
2624	490360.04	3858760.04	1.30E-02	1.30E-02	1.34E-02	4.49E-06	1.36E-05	7.86E-06	7.90E-06	7.16E-06	3.27E-06	3.35E-06	1.50E-07	3.63E-06	8.00E-07	1.07E-06	1.70E-06	3.00E-07	1.76E-06	9.41E-06
2625	490410.04	3858760.04	1.26E-02	1.27E-02	1.30E-02	4.38E-06	1.32E-05	7.66E-06	7.71E-06	6.99E-06	3.19E-06	3.27E-06	1.46E-07	3.54E-06	7.80E-07	1.05E-06	1.66E-06	2.93E-07	1.72E-06	9.18E-06
2626	490460.04	3858760.04	1.23E-02	1.24E-02	1.27E-02	4.27E-06	1.29E-05	7.45E-06	7.50E-06	6.80E-06	3.10E-06	3.18E-06	1.42E-07	3.44E-06	7.59E-07	1.02E-06	1.62E-06	2.85E-07	1.67E-06	8.93E-06
2627	490510.04	3858760.04	1.20E-02	1.20E-02	1.23E-02	4.15E-06	1.25E-05	7.25E-06	7.30E-06	6.61E-06	3.02E-06	3.09E-06	1.38E-07	3.35E-06	7.38E-07	9.91E-07	1.57E-06	2.77E-07	1.62E-06	8.68E-06
2628	490560.04	3858760.04	1.17E-02	1.18E-02	1.20E-02	4.05E-06	1.22E-05	7.08E-06	7.13E-06	6.46E-06	2.95E-06	3.02E-06	1.35E-07	3.27E-06	7.21E-07	9.68E-07	1.54E-06	2.71E-07	1.58E-06	8.48E-06
2629	490610.04	3858760.04	1.14E-02	1.15E-02	1.17E-02	3.95E-06	1.19E-05	6.91E-06	6.96E-06	6.31E-06	2.88E-06	2.94E-06	1.32E-07	3.19E-06	7.04E-07	9.45E-07	1.50E-06	2.64E-07	1.54E-06	8.28E-06
2630	490660.04	3858760.04	1.12E-02	1.12E-02	1.15E-02	3.87E-06	1.17E-05	6.76E-06	6.81E-06	6.17E-06	2.82E-06	2.88E-06	1.29E-07	3.12E-06	6.88E-07	9.24E-07	1.47E-06	2.58E-07	1.51E-06	8.09E-06
2631	490710.04	3858760.04	1.09E-02	1.10E-02	1.12E-02	3.78E-06	1.14E-05	6.61E-06	6.66E-06	6.03E-06	2.75E-06	2.81E-06	1.26E-07	3.05E-06	6.73E-07	9.04E-07	1.43E-06	2.53E-07	1.47E-06	7.91E-06
2632	490760.04	3858760.04	1.06E-02	1.07E-02	1.09E-02	3.69E-06	1.11E-05	6.44E-06	6.49E-06	5.88E-06	2.68E-06	2.74E-06	1.23E-07	2.97E-06	6.56E-07	8.81E-07	1.40E-06	2.46E-07	1.44E-06	7.71E-06
2633	490810.04	3858760.04	1.04E-02	1.05E-02	1.07E-02	3.60E-06	1.09E-05	6.29E-06	6.33E-06	5.74E-06	2.62E-06	2.67E-06	1.20E-07	2.90E-06	6.40E-07	8.60E-07	1.36E-06	2.40E-07	1.40E-06	7.53E-06
2634	490860.04	3858760.04	1.02E-02	1.02E-02	1.04E-02	3.52E-06	1.06E-05	6.15E-06	6.20E-06	5.62E-06	2.56E-06	2.61E-06	1.18E-07	2.84E-06	6.26E-07	8.42E-07	1.34E-06	2.35E-07	1.37E-06	7.36E-06
2635	490360.04	3858810.04	1.32E-02	1.33E-02	1.36E-02	4.57E-06	1.38E-05	7.99E-06	8.03E-06	7.28E-06	3.32E-06	3.41E-06	1.53E-07	3.69E-06	8.13E-07	1.09E-06	1.73E-06	3.05E-07	1.79E-06	9.57E-06
2636	490410.04	3858810.04	1.28E-02	1.29E-02	1.32E-02	4.44E-06	1.34E-05	7.77E-06	7.81E-06	7.08E-06	3.23E-06	3.32E-06	1.48E-07	3.59E-06	7.91E-07	1.06E-06	1.68E-06	2.97E-07	1.74E-06	9.31E-06
2637	490460.04	3858810.04	1.25E-02	1.25E-02	1.29E-02	4.32E-06	1.30E-05	7.55E-06	7.60E-06	6.89E-06	3.14E-06	3.22E-06	1.44E-07	3.49E-06	7.69E-07	1.03E-06	1.64E-06	2.88E-07	1.69E-06	9.05E-06
2638	490510.04	3858810.04	1.22E-02	1.23E-02	1.26E-02	4.22E-06	1.27E-05	7.38E-06	7.43E-06	6.73E-06	3.07E-06	3.15E-06	1.41E-07	3.41E-06	7.52E-07	1.01E-06	1.60E-06	2.82E-07	1.65E-06	8.84E-06
2639	490560.04	3858810.04	1.19E-02	1.20E-02	1.23E-02	4.12E-06	1.24E-05	7.20E-06	7.25E-06	6.57E-06	3.00E-06	3.07E-06	1.38E-07	3.32E-06	7.33E-07	9.84E-07	1.56E-06	2.75E-07	1.61E-06	8.63E-06
2640	490610.04	3858810.04	1.15E-02	1.16E-02	1.19E-02	4.00E-06	1.21E-05	6.99E-06	7.04E-06	6.38E-06	2.91E-06	2.98E-06	1.34E-07	3.23E-06	7.12E-07	9.55E-07	1.52E-06	2.67E-07	1.56E-06	8.37E-06
2641	490660.04	3858810.04	1.13E-02	1.13E-02	1.16E-02	3.90E-06	1.18E-05	6.82E-06	6.86E-06	6.22E-06	2.84E-06	2.90E-06	1.30E-07	3.15E-06	6.94E-07	9.32E-07	1.48E-06	2.61E-07	1.52E-06	8.16E-06
2642	490710.04	3858810.04	1.10E-02	1.10E-02	1.13E-02	3.80E-06	1.15E-05	6.64E-06	6.68E-06	6.06E-06	2.76E-06	2.82E-06	1.27E-07	3.06E-06	6.76E-07	9.07E-07	1.44E-06	2.54E-07	1.48E-06	7.95E-06
2643	490760.04	3858810.04	1.06E-02	1.07E-02	1.09E-02	3.68E-06	1.11E-05	6.42E-06	6.47E-06	5.87E-06	2.68E-06	2.73E-06	1.23E-07	2.96E-06	6.54E-07	8.78E-07	1.39E-06	2.46E-07	1.43E-06	7.69E-06

2644	490810.04	3858810.04	1.04E-02	1.05E-02	1.07E-02	3.61E-06	1.09E-05	6.31E-06	6.36E-06	5.76E-06	2.63E-06	2.68E-06	1.21E-07	2.91E-06	6.43E-07	8.63E-07	1.37E-06	2.41E-07	1.41E-06	7.56E-06
2645	490860.04	3858810.04	1.01E-02	1.02E-02	1.04E-02	3.52E-06	1.06E-05	6.14E-06	6.19E-06	5.61E-06	2.56E-06	2.61E-06	1.17E-07	2.84E-06	6.26E-07	8.40E-07	1.33E-06	2.35E-07	1.37E-06	7.36E-06
2646	490360.04	3858860.04	1.33E-02	1.34E-02	1.38E-02	4.61E-06	1.39E-05	8.06E-06	8.10E-06	7.35E-06	3.35E-06	3.45E-06	1.54E-07	3.72E-06	8.21E-07	1.10E-06	1.75E-06	3.08E-07	1.81E-06	9.66E-06
2647	490410.04	3858860.04	1.30E-02	1.31E-02	1.35E-02	4.52E-06	1.36E-05	7.90E-06	7.94E-06	7.20E-06	3.29E-06	3.38E-06	1.51E-07	3.65E-06	8.04E-07	1.08E-06	1.71E-06	3.01E-07	1.77E-06	9.46E-06
2648	490460.04	3858860.04	1.26E-02	1.27E-02	1.31E-02	4.38E-06	1.32E-05	7.65E-06	7.70E-06	6.98E-06	3.18E-06	3.27E-06	1.46E-07	3.53E-06	7.79E-07	1.04E-06	1.66E-06	2.92E-07	1.72E-06	9.17E-06
2649	490510.04	3858860.04	1.24E-02	1.25E-02	1.28E-02	4.29E-06	1.30E-05	7.51E-06	7.55E-06	6.84E-06	3.12E-06	3.21E-06	1.43E-07	3.46E-06	7.64E-07	1.02E-06	1.63E-06	2.87E-07	1.68E-06	8.99E-06
2650	490560.04	3858860.04	1.20E-02	1.21E-02	1.24E-02	4.17E-06	1.26E-05	7.29E-06	7.34E-06	6.65E-06	3.03E-06	3.11E-06	1.39E-07	3.37E-06	7.43E-07	9.96E-07	1.58E-06	2.78E-07	1.63E-06	8.74E-06
2651	490610.04	3858860.04	1.16E-02	1.17E-02	1.20E-02	4.02E-06	1.22E-05	7.03E-06	7.08E-06	6.42E-06	2.93E-06	3.00E-06	1.34E-07	3.25E-06	7.16E-07	9.61E-07	1.52E-06	2.69E-07	1.57E-06	8.43E-06
2652	490660.04	3858860.04	1.13E-02	1.14E-02	1.17E-02	3.92E-06	1.18E-05	6.86E-06	6.90E-06	6.25E-06	2.85E-06	2.92E-06	1.31E-07	3.16E-06	6.98E-07	9.37E-07	1.49E-06	2.62E-07	1.53E-06	8.21E-06
2653	490710.04	3858860.04	1.11E-02	1.12E-02	1.14E-02	3.84E-06	1.16E-05	6.71E-06	6.75E-06	6.12E-06	2.79E-06	2.86E-06	1.28E-07	3.10E-06	6.83E-07	9.17E-07	1.45E-06	2.56E-07	1.50E-06	8.04E-06
2654	490760.04	3858860.04	1.07E-02	1.08E-02	1.10E-02	3.72E-06	1.12E-05	6.49E-06	6.54E-06	5.93E-06	2.70E-06	2.76E-06	1.24E-07	3.00E-06	6.61E-07	8.88E-07	1.41E-06	2.48E-07	1.45E-06	7.78E-06
2655	490810.04	3858860.04	1.04E-02	1.05E-02	1.07E-02	3.60E-06	1.09E-05	6.30E-06	6.34E-06	5.75E-06	2.62E-06	2.68E-06	1.20E-07	2.91E-06	6.41E-07	8.61E-07	1.37E-06	2.41E-07	1.41E-06	7.54E-06
2656	490860.04	3858860.04	1.01E-02	1.02E-02	1.04E-02	3.49E-06	1.05E-05	6.11E-06	6.15E-06	5.58E-06	2.54E-06	2.59E-06	1.17E-07	2.82E-06	6.22E-07	8.35E-07	1.32E-06	2.33E-07	1.36E-06	7.31E-06
2657	490360.04	3858910.04	1.36E-02	1.37E-02	1.41E-02	4.73E-06	1.43E-05	8.26E-06	8.30E-06	7.53E-06	3.43E-06	3.54E-06	1.58E-07	3.81E-06	8.41E-07	1.13E-06	1.79E-06	3.15E-07	1.86E-06	9.90E-06
2658	490410.04	3858910.04	1.33E-02	1.33E-02	1.37E-02	4.60E-06	1.39E-05	8.04E-06	8.08E-06	7.32E-06	3.34E-06	3.44E-06	1.54E-07	3.71E-06	8.18E-07	1.10E-06	1.74E-06	3.07E-07	1.81E-06	9.63E-06
2659	490460.04	3858910.04	1.29E-02	1.30E-02	1.33E-02	4.47E-06	1.35E-05	7.81E-06	7.85E-06	7.11E-06	3.25E-06	3.34E-06	1.49E-07	3.60E-06	7.95E-07	1.07E-06	1.69E-06	2.98E-07	1.75E-06	9.35E-06
2660	490510.04	3858910.04	1.25E-02	1.26E-02	1.29E-02	4.33E-06	1.31E-05	7.57E-06	7.61E-06	6.90E-06	3.15E-06	3.24E-06	1.45E-07	3.49E-06	7.71E-07	1.03E-06	1.64E-06	2.89E-07	1.70E-06	9.07E-06
2661	490560.04	3858910.04	1.21E-02	1.22E-02	1.25E-02	4.19E-06	1.27E-05	7.33E-06	7.37E-06	6.68E-06	3.05E-06	3.13E-06	1.40E-07	3.38E-06	7.46E-07	1.00E-06	1.59E-06	2.80E-07	1.64E-06	8.78E-06
2662	490610.04	3858910.04	1.17E-02	1.18E-02	1.21E-02	4.06E-06	1.22E-05	7.09E-06	7.13E-06	6.47E-06	2.95E-06	3.03E-06	1.35E-07	3.27E-06	7.22E-07	9.68E-07	1.54E-06	2.71E-07	1.59E-06	8.49E-06
2663	490660.04	3858910.04	1.14E-02	1.15E-02	1.17E-02	3.95E-06	1.19E-05	6.90E-06	6.94E-06	6.29E-06	2.87E-06	2.94E-06	1.32E-07	3.18E-06	7.02E-07	9.42E-07	1.49E-06	2.63E-07	1.54E-06	8.26E-06
2664	490710.04	3858910.04	1.10E-02	1.11E-02	1.14E-02	3.83E-06	1.16E-05	6.69E-06	6.73E-06	6.10E-06	2.78E-06	2.85E-06	1.28E-07	3.09E-06	6.81E-07	9.14E-07	1.45E-06	2.55E-07	1.50E-06	8.01E-06
2665	490760.04	3858910.04	1.07E-02	1.07E-02	1.10E-02	3.69E-06	1.11E-05	6.45E-06	6.50E-06	5.89E-06	2.69E-06	2.75E-06	1.23E-07	2.98E-06	6.57E-07	8.82E-07	1.40E-06	2.47E-07	1.44E-06	7.73E-06
2666	490810.04	3858910.04	1.04E-02	1.04E-02	1.07E-02	3.59E-06	1.09E-05	6.28E-06	6.33E-06	5.73E-06	2.62E-06	2.67E-06	1.20E-07	2.90E-06	6.40E-07	8.59E-07	1.36E-06	2.40E-07	1.40E-06	7.52E-06
2667	490860.04	3858910.04	1.00E-02	1.01E-02	1.03E-02	3.47E-06	1.05E-05	6.07E-06	6.11E-06	5.54E-06	2.53E-06	2.58E-06	1.16E-07	2.80E-06	6.18E-07	8.29E-07	1.32E-06	2.32E-07	1.35E-06	7.26E-06
2668	490360.04	3858960.04	1.38E-02	1.39E-02	1.43E-02	4.78E-06	1.44E-05	8.36E-06	8.40E-06	7.61E-06	3.47E-06	3.59E-06	1.60E-07	3.86E-06	8.51E-07	1.14E-06	1.81E-06	3.19E-07	1.88E-06	1.00E-05
2669	490410.04	3858960.04	1.34E-02	1.34E-02	1.39E-02	4.63E-06	1.40E-05	8.10E-06	8.14E-06	7.38E-06	3.37E-06	3.47E-06	1.55E-07	3.74E-06	8.25E-07	1.10E-06	1.75E-06	3.09E-07	1.82E-06	9.71E-06
2670	490460.04	3858960.04	1.29E-02	1.30E-02	1.34E-02	4.48E-06	1.35E-05	7.83E-06	7.87E-06	7.13E-06	3.26E-06	3.35E-06	1.50E-07	3.61E-06	7.97E-07	1.07E-06	1.70E-06	2.99E-07	1.76E-06	9.38E-06
2671	490510.04	3858960.04	1.25E-02	1.26E-02	1.30E-02	4.34E-06	1.31E-05	7.59E-06	7.63E-06	6.92E-06	3.16E-06	3.25E-06	1.45E-07	3.50E-06	7.73E-07	1.04E-06	1.64E-06	2.90E-07	1.71E-06	9.10E-06
2672	490560.04	3858960.04	1.22E-02	1.22E-02	1.26E-02	4.21E-06	1.27E-05	7.36E-06	7.40E-06	6.71E-06	3.06E-06	3.15E-06	1.41E-07	3.40E-06	7.50E-07	1.00E-06	1.59E-06	2.81E-07	1.65E-06	8.82E-06
2673	490610.04	3858960.04	1.17E-02	1.18E-02	1.21E-02	4.05E-06	1.22E-05	7.09E-06	7.13E-06	6.46E-06	2.95E-06	3.03E-06	1.35E-07	3.27E-06	7.22E-07	9.68E-07	1.54E-06	2.71E-07	1.59E-06	8.49E-06
2674	490660.04	3858960.04	1.14E-02	1.15E-02	1.18E-02	3.97E-06	1.20E-05	6.94E-06	6.98E-06	6.32E-06	2.89E-06	2.96E-06	1.32E-07	3.20E-06	7.06E-07	9.47E-07	1.50E-06	2.65E-07	1.55E-06	8.31E-06
2675	490710.04	3858960.04	1.10E-02	1.11E-02	1.14E-02	3.82E-06	1.15E-05	6.68E-06	6.72E-06	6.09E-06	2.78E-06	2.85E-06	1.28E-07	3.08E-06	6.80E-07	9.13E-07	1.45E-06	2.55E-07	1.50E-06	8.00E-06
2676	490760.04	3858960.04	1.07E-02	1.07E-02	1.10E-02	3.70E-06	1.12E-05	6.46E-06	6.50E-06	5.90E-06	2.69E-06	2.76E-06	1.23E-07	2.98E-06	6.58E-07	8.83E-07	1.40E-06	2.47E-07	1.45E-06	7.74E-06
2677	490810.04	3858960.04	1.03E-02	1.04E-02	1.06E-02	3.58E-06	1.08E-05	6.25E-06	6.29E-06	5.70E-06	2.60E-06	2.66E-06	1.19E-07	2.88E-06	6.36E-07	8.54E-07	1.35E-06	2.39E-07	1.40E-06	7.48E-06
2678	490860.04	3858960.04	9.93E-03	1.00E-02	1.02E-02	3.44E-06	1.04E-05	6.02E-06	6.06E-06	5.49E-06	2.51E-06	2.56E-06	1.15E-07	2.78E-06	6.13E-07	8.22E-07	1.30E-06	2.30E-07	1.34E-06	7.20E-06
2679	490360.04	3859010.04	1.39E-02	1.40E-02	1.45E-02	4.83E-06	1.46E-05	8.44E-06	8.48E-06	7.69E-06	3.51E-06	3.63E-06	1.61E-07	3.90E-06	8.60E-07	1.15E-06	1.83E-06	3.22E-07	1.90E-06	1.01E-05
2680	490410.04	3859010.04	1.35E-02	1.35E-02	1.40E-02	4.66E-06	1.41E-05	8.15E-06	8.19E-06	7.42E-06	3.39E-06	3.50E-06	1.56E-07	3.76E-06	8.30E-07	1.11E-06	1.76E-06	3.11E-07	1.84E-06	9.77E-06
2681	490460.04	3859010.04	1.29E-02	1.30E-02	1.34E-02	4.48E-06	1.35E-05	7.83E-06	7.87E-06	7.13E-06	3.25E-06	3.36E-06	1.50E-07	3.61E-06	7.97E-07	1.07E-06	1.69E-06	2.99E-07	1.76E-06	9.38E-06
2682	490510.04	3859010.04	1.24E-02	1.25E-02	1.29E-02	4.31E-06	1.30E-05	7.53E-06	7.56E-06	6.86E-06	3.13E-06	3.22E-06	1.44E-07	3.47E-06	7.66E-07	1.03E-06	1.63E-06	2.87E-07	1.69E-06	9.02E-06
2683	490560.04	3859010.04	1.21E-02	1.22E-02	1.25E-02	4.20E-06	1.27E-05	7.34E-06	7.38E-06	6.69E-06	3.05E-06	3.14E-06	1.40E-07	3.39E-06	7.47E-07	1.00E-06	1.59E-06	2.80E-07	1.65E-06	8.79E-06
2684	490610.04	3859010.04	1.17E-02	1.17E-02	1.21E-02	4.04E-06	1.22E-05	7.07E-06	7.10E-06	6.44E-06	2.94E-06	3.02E-06	1.35E-07	3.26E-06	7.19E-07	9.65E-07	1.53E-06	2.70E-07	1.59E-06	8.46E-06
2685	490660.04	3859010.04	1.14E-02	1.15E-02	1.18E-02	3.96E-06	1.19E-05	6.92E-06	6.96E-06	6.31E-06	2.88E-06	2.96E-06	1.32E-07	3.19E-06	7.04E-07	9.44E-07	1.50E-06	2.64E-07	1.55E-06	8.29E-06
2686	490710.04	3859010.04	1.10E-02	1.10E-02	1.13E-02	3.80E-06	1.15E-05	6.65E-06	6.69E-06	6.06E-06	2.77E-06	2.84E-06	1.27E-07	3.07E-06	6.77E-07	9.08E-07	1.44E-06	2.54E-07	1.49E-06	7.96E-06
2687	490760.04	3859010.04	1.06E-02	1.07E-02	1.09E-02	3.67E-06	1.11E-05	6.41E-06	6.45E-06	5.85E-06	2.67E-06	2.74E-06	1.23E-07	2.96E-06	6.53E-07	8.76E-07	1.39E-06	2.45E-07	1.44E-06	7.68E-06
2688	490810.04	3859010.04	1.02E-02	1.03E-02	1.05E-02	3.54E-06	1.07E-05	6.18E-06	6.22E-06	5.64E-06	2.57E-06	2.64E-06	1.18E-07	2.85E-06	6.30E-07	8.45E-07	1.34E-06	2.36E-07	1.38E-06	7.41E-06
2689	490860.04	3859010.04	9.87E-03	9.94E-03	1.02E-02	3.42E-06	1.03E-05	5.98E-06	6.02E-06	5.46E-06	2.49E-06	2.55E-06	1.14E-07	2.76E-06	6.09E-07	8.17E-07	1.30E-06	2.29E-07	1.34E-06	7.16E-06
2690	490360.04	3859060.04	1.40E-02	1.41E-02	1.46E-02	4.85E-06	1.47E-05	8.48E-06	8.52E-06	7.72E-06	3.52E-06	3.65E-06	1.62E-07	3.92E-06	8.64E-07	1.16E-06	1.84E-06	3.23E-07	1.91E-06	1.02E-05
2691	490410.04	3859060.04	1.34E-02	1.34E-02	1.39E-02	4.64E-06	1.40E-05	8.11E-06	8.14E-06	7.38E-06	3.37E-06	3.48E-06	1.55E-07	3.74E-06	8.26E-07	1.11E-06	1.75E-06	3.09E-07	1.83E-06	9.72E-06
2692	490460.04	3859060.04	1.29E-02	1.29E-02	1.34E-02	4.46E-06	1.35E-05	7.80E-06	7.84E-06	7.11E-06	3.24E-06	3.35E-06	1.49E-07	3.60E-06	7.95E-07	1.06E-06	1.69E-06	2.98E-07	1.76E-06	9.35E-06
2693	490510.04	3859060.04	1.24E-02	1.25E-02	1.29E-02	4.31E-06	1.30E-05	7.54E-06	7.58E-06	6.87E-06	3.13E-06	3.23E-06	1.44E-07	3.48E-06	7.68E-07	1.03E-06	1.63E-06	2.88E-07	1.70E-06	9.04E-06
2694	490560.04	3859060.04	1.20E-02	1.20E-02	1.24E-02	4.15E-06	1.25E-05	7.25E-06	7.28E-06	6.60E-06	3.01E-06	3.10E-06	1.38E-07	3.34E-06	7.38E-07	9.89E-07	1.57E-06	2.76E-07	1.63E-06	8.68E-06
2695	490610.04	3859060.04	1.16E-02	1.17E-02	1.20E-02	4.03E-06	1.22E-05	7.04E-06	7.08E-06	6.41E-06	2.93E-06	3.01E-06	1.34E-07	3.25E-06	7.17E-07	9.61E-07	1.52E-06	2.69E-07	1.58E-06	8.43E-06
2696	490660.04	3859060.04	1.13E-02	1.14E-02	1.17E-02	3.92E-06	1.18E-05	6.85E-06	6.89E-06	6.24E-06	2.85E-06	2.93E-06	1.31E-07	3.16E-06	6.97E-07	9.35E-07	1.48E-06	2.61E-07	1.54E-06	8.21E-06

2697	490710.04	3859060.04	1.09E-02	1.09E-02	1.12E-02	3.76E-06	1.14E-05	6.58E-06	6.61E-06	5.99E-06	2.74E-06	2.81E-06	1.26E-07	3.03E-06	6.70E-07	8.98E-07	1.42E-06	2.51E-07	1.47E-06	7.88E-06
2698	490760.04	3859060.04	1.05E-02	1.05E-02	1.08E-02	3.62E-06	1.09E-05	6.34E-06	6.37E-06	5.78E-06	2.64E-06	2.70E-06	1.21E-07	2.92E-06	6.45E-07	8.65E-07	1.37E-06	2.42E-07	1.42E-06	7.59E-06
2699	490810.04	3859060.04	1.01E-02	1.01E-02	1.04E-02	3.49E-06	1.05E-05	6.10E-06	6.14E-06	5.56E-06	2.54E-06	2.60E-06	1.17E-07	2.81E-06	6.21E-07	8.33E-07	1.32E-06	2.33E-07	1.37E-06	7.31E-06
2700	490860.04	3859060.04	9.73E-03	9.79E-03	1.00E-02	3.37E-06	1.02E-05	5.89E-06	5.93E-06	5.38E-06	2.45E-06	2.51E-06	1.13E-07	2.72E-06	6.00E-07	8.05E-07	1.28E-06	2.25E-07	1.32E-06	7.06E-06
2701	490360.04	3859110.04	1.41E-02	1.42E-02	1.47E-02	4.90E-06	1.48E-05	8.57E-06	8.60E-06	7.80E-06	3.56E-06	3.68E-06	1.64E-07	3.95E-06	8.72E-07	1.17E-06	1.85E-06	3.27E-07	1.93E-06	1.03E-05
2702	490410.04	3859110.04	1.35E-02	1.36E-02	1.40E-02	4.68E-06	1.41E-05	8.18E-06	8.21E-06	7.44E-06	3.40E-06	3.51E-06	1.56E-07	3.77E-06	8.32E-07	1.11E-06	1.77E-06	3.12E-07	1.84E-06	9.80E-06
2703	490460.04	3859110.04	1.30E-02	1.31E-02	1.35E-02	4.52E-06	1.36E-05	7.89E-06	7.93E-06	7.19E-06	3.28E-06	3.39E-06	1.51E-07	3.64E-06	8.04E-07	1.08E-06	1.71E-06	3.01E-07	1.78E-06	9.46E-06
2704	490510.04	3859110.04	1.24E-02	1.24E-02	1.28E-02	4.28E-06	1.29E-05	7.48E-06	7.52E-06	6.81E-06	3.11E-06	3.21E-06	1.43E-07	3.45E-06	7.62E-07	1.02E-06	1.62E-06	2.85E-07	1.68E-06	8.97E-06
2705	490560.04	3859110.04	1.19E-02	1.20E-02	1.23E-02	4.13E-06	1.25E-05	7.21E-06	7.25E-06	6.57E-06	3.00E-06	3.09E-06	1.38E-07	3.33E-06	7.34E-07	9.84E-07	1.56E-06	2.75E-07	1.62E-06	8.64E-06
2706	490610.04	3859110.04	1.14E-02	1.15E-02	1.18E-02	3.97E-06	1.20E-05	6.93E-06	6.97E-06	6.32E-06	2.88E-06	2.97E-06	1.32E-07	3.20E-06	7.06E-07	9.46E-07	1.50E-06	2.65E-07	1.56E-06	8.31E-06
2707	490660.04	3859110.04	1.10E-02	1.10E-02	1.13E-02	3.80E-06	1.15E-05	6.64E-06	6.68E-06	6.05E-06	2.76E-06	2.84E-06	1.27E-07	3.07E-06	6.76E-07	9.07E-07	1.44E-06	2.54E-07	1.49E-06	7.96E-06
2708	490710.04	3859110.04	1.07E-02	1.07E-02	1.10E-02	3.69E-06	1.11E-05	6.45E-06	6.49E-06	5.88E-06	2.68E-06	2.76E-06	1.23E-07	2.98E-06	6.57E-07	8.81E-07	1.40E-06	2.46E-07	1.45E-06	7.73E-06
2709	490760.04	3859110.04	1.03E-02	1.03E-02	1.06E-02	3.56E-06	1.08E-05	6.23E-06	6.27E-06	5.68E-06	2.59E-06	2.66E-06	1.19E-07	2.87E-06	6.34E-07	8.51E-07	1.35E-06	2.38E-07	1.40E-06	7.46E-06
2710	490810.04	3859110.04	9.87E-03	9.93E-03	1.02E-02	3.42E-06	1.03E-05	5.98E-06	6.02E-06	5.45E-06	2.49E-06	2.55E-06	1.14E-07	2.76E-06	6.09E-07	8.17E-07	1.30E-06	2.28E-07	1.34E-06	7.16E-06
2711	490860.04	3859110.04	9.49E-03	9.55E-03	9.78E-03	3.29E-06	9.93E-06	5.75E-06	5.79E-06	5.24E-06	2.39E-06	2.45E-06	1.10E-07	2.65E-06	5.85E-07	7.85E-07	1.25E-06	2.20E-07	1.29E-06	6.89E-06
2712	490360.04	3859160.04	1.43E-02	1.44E-02	1.49E-02	4.96E-06	1.50E-05	8.67E-06	8.71E-06	7.89E-06	3.60E-06	3.73E-06	1.66E-07	4.00E-06	8.83E-07	1.18E-06	1.87E-06	3.30E-07	1.96E-06	1.04E-05
2713	490410.04	3859160.04	1.37E-02	1.37E-02	1.42E-02	4.74E-06	1.43E-05	8.28E-06	8.31E-06	7.54E-06	3.44E-06	3.56E-06	1.58E-07	3.82E-06	8.43E-07	1.13E-06	1.79E-06	3.16E-07	1.87E-06	9.93E-06
2714	490460.04	3859160.04	1.31E-02	1.32E-02	1.36E-02	4.54E-06	1.37E-05	7.94E-06	7.97E-06	7.23E-06	3.30E-06	3.41E-06	1.52E-07	3.66E-06	8.08E-07	1.08E-06	1.72E-06	3.03E-07	1.79E-06	9.51E-06
2715	490510.04	3859160.04	1.26E-02	1.26E-02	1.30E-02	4.35E-06	1.31E-05	7.60E-06	7.64E-06	6.92E-06	3.16E-06	3.26E-06	1.45E-07	3.51E-06	7.74E-07	1.04E-06	1.65E-06	2.90E-07	1.71E-06	9.11E-06
2716	490560.04	3859160.04	1.19E-02	1.20E-02	1.24E-02	4.14E-06	1.25E-05	7.23E-06	7.27E-06	6.59E-06	3.01E-06	3.10E-06	1.38E-07	3.34E-06	7.37E-07	9.87E-07	1.57E-06	2.76E-07	1.63E-06	8.67E-06
2717	490610.04	3859160.04	1.15E-02	1.16E-02	1.19E-02	3.99E-06	1.21E-05	6.98E-06	7.01E-06	6.36E-06	2.90E-06	2.99E-06	1.33E-07	3.22E-06	7.11E-07	9.52E-07	1.51E-06	2.66E-07	1.57E-06	8.36E-06
2718	490660.04	3859160.04	1.08E-02	1.09E-02	1.12E-02	3.74E-06	1.13E-05	6.54E-06	6.58E-06	5.96E-06	2.72E-06	2.80E-06	1.25E-07	3.02E-06	6.66E-07	8.93E-07	1.42E-06	2.50E-07	1.47E-06	7.84E-06
2719	490710.04	3859160.04	1.05E-02	1.05E-02	1.08E-02	3.63E-06	1.09E-05	6.34E-06	6.37E-06	5.78E-06	2.64E-06	2.71E-06	1.21E-07	2.93E-06	6.45E-07	8.65E-07	1.37E-06	2.42E-07	1.42E-06	7.59E-06
2720	490760.04	3859160.04	9.96E-03	1.00E-02	1.03E-02	3.45E-06	1.04E-05	6.03E-06	6.07E-06	5.50E-06	2.51E-06	2.58E-06	1.15E-07	2.78E-06	6.14E-07	8.24E-07	1.31E-06	2.30E-07	1.35E-06	7.23E-06
2721	490810.04	3859160.04	9.65E-03	9.71E-03	9.96E-03	3.34E-06	1.01E-05	5.85E-06	5.88E-06	5.33E-06	2.43E-06	2.50E-06	1.12E-07	2.70E-06	5.95E-07	7.98E-07	1.27E-06	2.23E-07	1.31E-06	7.00E-06
2722	490860.04	3859160.04	9.33E-03	9.39E-03	9.62E-03	3.23E-06	9.77E-06	5.65E-06	5.69E-06	5.16E-06	2.35E-06	2.41E-06	1.08E-07	2.61E-06	5.76E-07	7.72E-07	1.23E-06	2.16E-07	1.27E-06	6.77E-06
2723	490360.04	3859210.04	1.45E-02	1.45E-02	1.51E-02	5.02E-06	1.51E-05	8.77E-06	8.80E-06	7.98E-06	3.64E-06	3.78E-06	1.67E-07	4.05E-06	8.93E-07	1.19E-06	1.90E-06	3.34E-07	1.98E-06	1.05E-05
2724	490410.04	3859210.04	1.40E-02	1.41E-02	1.46E-02	4.85E-06	1.47E-05	8.48E-06	8.52E-06	7.72E-06	3.52E-06	3.65E-06	1.62E-07	3.91E-06	8.64E-07	1.16E-06	1.83E-06	3.23E-07	1.92E-06	1.02E-05
2725	490460.04	3859210.04	1.32E-02	1.32E-02	1.37E-02	4.57E-06	1.38E-05	7.99E-06	8.02E-06	7.27E-06	3.32E-06	3.43E-06	1.53E-07	3.69E-06	8.13E-07	1.09E-06	1.73E-06	3.04E-07	1.80E-06	9.58E-06
2726	490510.04	3859210.04	1.26E-02	1.26E-02	1.31E-02	4.36E-06	1.32E-05	7.63E-06	7.66E-06	6.94E-06	3.17E-06	3.28E-06	1.46E-07	3.52E-06	7.77E-07	1.04E-06	1.65E-06	2.91E-07	1.72E-06	9.14E-06
2727	490560.04	3859210.04	1.22E-02	1.22E-02	1.26E-02	4.21E-06	1.27E-05	7.36E-06	7.40E-06	6.70E-06	3.06E-06	3.16E-06	1.41E-07	3.40E-06	7.50E-07	1.00E-06	1.59E-06	2.81E-07	1.66E-06	8.83E-06
2728	490610.04	3859210.04	1.16E-02	1.17E-02	1.20E-02	4.03E-06	1.22E-05	7.04E-06	7.07E-06	6.41E-06	2.93E-06	3.02E-06	1.34E-07	3.25E-06	7.17E-07	9.60E-07	1.52E-06	2.68E-07	1.58E-06	8.44E-06
2729	490660.04	3859210.04	1.09E-02	1.10E-02	1.13E-02	3.79E-06	1.14E-05	6.62E-06	6.65E-06	6.03E-06	2.75E-06	2.84E-06	1.26E-07	3.05E-06	6.74E-07	9.03E-07	1.43E-06	2.53E-07	1.49E-06	7.93E-06
2730	490710.04	3859210.04	1.05E-02	1.06E-02	1.09E-02	3.64E-06	1.10E-05	6.37E-06	6.40E-06	5.80E-06	2.65E-06	2.73E-06	1.22E-07	2.94E-06	6.49E-07	8.69E-07	1.38E-06	2.43E-07	1.43E-06	7.63E-06
2731	490760.04	3859210.04	9.98E-03	1.00E-02	1.03E-02	3.46E-06	1.04E-05	6.04E-06	6.08E-06	5.51E-06	2.51E-06	2.58E-06	1.15E-07	2.79E-06	6.15E-07	8.25E-07	1.31E-06	2.31E-07	1.36E-06	7.24E-06
2732	490810.04	3859210.04	9.81E-03	9.86E-03	1.01E-02	3.40E-06	1.03E-05	5.94E-06	5.97E-06	5.42E-06	2.47E-06	2.54E-06	1.13E-07	2.74E-06	6.05E-07	8.11E-07	1.29E-06	2.27E-07	1.33E-06	7.12E-06
2733	490860.04	3859210.04	9.62E-03	9.68E-03	9.94E-03	3.34E-06	1.01E-05	5.83E-06	5.86E-06	5.32E-06	2.43E-06	2.49E-06	1.11E-07	2.69E-06	5.94E-07	7.96E-07	1.26E-06	2.23E-07	1.31E-06	6.98E-06
2734	490360.04	3859260.04	1.45E-02	1.46E-02	1.51E-02	5.04E-06	1.52E-05	8.80E-06	8.83E-06	8.01E-06	3.65E-06	3.79E-06	1.68E-07	4.06E-06	8.96E-07	1.20E-06	1.90E-06	3.35E-07	1.99E-06	1.06E-05
2735	490410.04	3859260.04	1.40E-02	1.40E-02	1.46E-02	4.85E-06	1.46E-05	8.47E-06	8.51E-06	7.71E-06	3.52E-06	3.65E-06	1.62E-07	3.91E-06	8.63E-07	1.15E-06	1.83E-06	3.23E-07	1.92E-06	1.02E-05
2736	490460.04	3859260.04	1.35E-02	1.36E-02	1.41E-02	4.69E-06	1.42E-05	8.20E-06	8.23E-06	7.46E-06	3.41E-06	3.53E-06	1.57E-07	3.79E-06	8.35E-07	1.12E-06	1.77E-06	3.13E-07	1.85E-06	9.84E-06
2737	490510.04	3859260.04	1.31E-02	1.32E-02	1.36E-02	4.54E-06	1.37E-05	7.94E-06	7.97E-06	7.22E-06	3.30E-06	3.41E-06	1.52E-07	3.66E-06	8.08E-07	1.08E-06	1.72E-06	3.02E-07	1.79E-06	9.51E-06
2738	490560.04	3859260.04	1.25E-02	1.26E-02	1.30E-02	4.34E-06	1.31E-05	7.59E-06	7.62E-06	6.91E-06	3.15E-06	3.26E-06	1.45E-07	3.50E-06	7.73E-07	1.03E-06	1.64E-06	2.89E-07	1.71E-06	9.10E-06
2739	490610.04	3859260.04	1.18E-02	1.19E-02	1.23E-02	4.10E-06	1.24E-05	7.16E-06	7.19E-06	6.52E-06	2.97E-06	3.07E-06	1.37E-07	3.30E-06	7.29E-07	9.76E-07	1.55E-06	2.73E-07	1.61E-06	8.58E-06
2740	490660.04	3859260.04	1.16E-02	1.16E-02	1.20E-02	4.01E-06	1.21E-05	7.01E-06	7.04E-06	6.38E-06	2.91E-06	3.01E-06	1.34E-07	3.23E-06	7.13E-07	9.56E-07	1.52E-06	2.67E-07	1.58E-06	8.40E-06
2741	490710.04	3859260.04	1.12E-02	1.12E-02	1.16E-02	3.87E-06	1.17E-05	6.76E-06	6.79E-06	6.15E-06	2.81E-06	2.90E-06	1.29E-07	3.12E-06	6.88E-07	9.22E-07	1.46E-06	2.58E-07	1.52E-06	8.10E-06
2742	490760.04	3859260.04	1.05E-02	1.06E-02	1.09E-02	3.65E-06	1.10E-05	6.38E-06	6.41E-06	5.81E-06	2.65E-06	2.73E-06	1.22E-07	2.94E-06	6.50E-07	8.71E-07	1.38E-06	2.43E-07	1.43E-06	7.65E-06
2743	490810.04	3859260.04	1.03E-02	1.03E-02	1.06E-02	3.56E-06	1.08E-05	6.23E-06	6.26E-06	5.68E-06	2.59E-06	2.67E-06	1.19E-07	2.87E-06	6.34E-07	8.50E-07	1.35E-06	2.38E-07	1.40E-06	7.47E-06
2744	490860.04	3859260.04	1.00E-02	1.01E-02	1.04E-02	3.48E-06	1.05E-05	6.08E-06	6.12E-06	5.54E-06	2.53E-06	2.60E-06	1.16E-07	2.81E-06	6.19E-07	8.30E-07	1.32E-06	2.32E-07	1.37E-06	7.29E-06
2745	490360.04	3859310.04	1.48E-02	1.48E-02	1.54E-02	5.13E-06	1.55E-05	8.96E-06	8.99E-06	8.15E-06	3.72E-06	3.86E-06	1.71E-07	4.14E-06	9.13E-07	1.22E-06	1.94E-06	3.41E-07	2.03E-06	1.07E-05
2746	490410.04	3859310.04	1.42E-02	1.43E-02	1.48E-02	4.94E-06	1.49E-05	8.63E-06	8.66E-06	7.85E-06	3.58E-06	3.72E-06	1.65E-07	3.98E-06	8.79E-07	1.18E-06	1.87E-06	3.29E-07	1.95E-06	1.03E-05
2747	490460.04	3859310.04	1.38E-02	1.38E-02	1.43E-02	4.77E-06	1.44E-05	8.33E-06	8.36E-06	7.58E-06	3.46E-06	3.59E-06	1.59E-07	3.85E-06	8.49E-07	1.14E-06	1.80E-06	3.17E-07	1.88E-06	9.99E-06
2748	490510.04	3859310.04	1.34E-02	1.34E-02	1.39E-02	4.63E-06	1.40E-05	8.09E-06	8.12E-06	7.36E-06	3.36E-06	3.48E-06	1.55E-07	3.73E-06	8.24E-07	1.10E-06	1.75E-06	3.08E-07	1.83E-06	9.70E-06
2749	490560.04	3859310.04	1.29E-02	1.30E-02	1.35E-02	4.49E-06	1.35E-05	7.84E-06	7.87E-06	7.14E-06	3.26E-06	3.37E-06	1.50E-07	3.62E-06	7.98E-07	1.07E-06	1.70E-06	2.99E-07	1.77E-06	9.40E-06

2750	490610.04	3859310.04	1.26E-02	1.26E-02	1.31E-02	4.36E-06	1.32E-05	7.62E-06	7.65E-06	6.94E-06	3.17E-06	3.28E-06	1.46E-07	3.52E-06	7.76E-07	1.04E-06	1.65E-06	2.91E-07	1.72E-06	9.14E-06
2751	490660.04	3859310.04	1.21E-02	1.22E-02	1.26E-02	4.21E-06	1.27E-05	7.36E-06	7.39E-06	6.70E-06	3.06E-06	3.16E-06	1.41E-07	3.40E-06	7.49E-07	1.00E-06	1.59E-06	2.81E-07	1.66E-06	8.82E-06
2752	490710.04	3859310.04	1.15E-02	1.15E-02	1.19E-02	3.97E-06	1.20E-05	6.95E-06	6.98E-06	6.32E-06	2.89E-06	2.98E-06	1.33E-07	3.21E-06	7.07E-07	9.47E-07	1.50E-06	2.65E-07	1.57E-06	8.32E-06
2753	490760.04	3859310.04	1.10E-02	1.11E-02	1.14E-02	3.82E-06	1.15E-05	6.68E-06	6.72E-06	6.09E-06	2.78E-06	2.87E-06	1.28E-07	3.08E-06	6.81E-07	9.12E-07	1.45E-06	2.55E-07	1.51E-06	8.01E-06
2754	490810.04	3859310.04	1.07E-02	1.08E-02	1.11E-02	3.72E-06	1.12E-05	6.51E-06	6.54E-06	5.93E-06	2.71E-06	2.79E-06	1.24E-07	3.00E-06	6.63E-07	8.88E-07	1.41E-06	2.48E-07	1.47E-06	7.80E-06
2755	490860.04	3859310.04	1.04E-02	1.04E-02	1.07E-02	3.59E-06	1.09E-05	6.28E-06	6.31E-06	5.72E-06	2.61E-06	2.69E-06	1.20E-07	2.90E-06	6.40E-07	8.57E-07	1.36E-06	2.40E-07	1.41E-06	7.53E-06
2756	490360.04	3859360.04	1.51E-02	1.51E-02	1.57E-02	5.22E-06	1.58E-05	9.12E-06	9.15E-06	8.30E-06	3.79E-06	3.94E-06	1.74E-07	4.21E-06	9.29E-07	1.24E-06	1.97E-06	3.47E-07	2.07E-06	1.09E-05
2757	490410.04	3859360.04	1.46E-02	1.47E-02	1.52E-02	5.06E-06	1.53E-05	8.85E-06	8.88E-06	8.05E-06	3.67E-06	3.82E-06	1.69E-07	4.08E-06	9.01E-07	1.21E-06	1.91E-06	3.37E-07	2.00E-06	1.06E-05
2758	490460.04	3859360.04	1.42E-02	1.42E-02	1.48E-02	4.92E-06	1.49E-05	8.60E-06	8.63E-06	7.82E-06	3.57E-06	3.71E-06	1.64E-07	3.97E-06	8.75E-07	1.17E-06	1.86E-06	3.27E-07	1.95E-06	1.03E-05
2759	490510.04	3859360.04	1.38E-02	1.38E-02	1.44E-02	4.78E-06	1.44E-05	8.35E-06	8.38E-06	7.59E-06	3.46E-06	3.60E-06	1.59E-07	3.85E-06	8.50E-07	1.14E-06	1.80E-06	3.18E-07	1.89E-06	1.00E-05
2760	490560.04	3859360.04	1.33E-02	1.33E-02	1.38E-02	4.60E-06	1.39E-05	8.05E-06	8.07E-06	7.32E-06	3.34E-06	3.46E-06	1.54E-07	3.71E-06	8.19E-07	1.10E-06	1.74E-06	3.07E-07	1.82E-06	9.65E-06
2761	490610.04	3859360.04	1.28E-02	1.29E-02	1.33E-02	4.44E-06	1.34E-05	7.76E-06	7.79E-06	7.06E-06	3.22E-06	3.34E-06	1.48E-07	3.58E-06	7.90E-07	1.06E-06	1.68E-06	2.96E-07	1.75E-06	9.31E-06
2762	490660.04	3859360.04	1.24E-02	1.25E-02	1.29E-02	4.30E-06	1.30E-05	7.52E-06	7.55E-06	6.84E-06	3.12E-06	3.23E-06	1.44E-07	3.47E-06	7.66E-07	1.02E-06	1.63E-06	2.87E-07	1.70E-06	9.01E-06
2763	490710.04	3859360.04	1.19E-02	1.20E-02	1.24E-02	4.13E-06	1.25E-05	7.21E-06	7.24E-06	6.56E-06	3.00E-06	3.10E-06	1.38E-07	3.33E-06	7.34E-07	9.83E-07	1.56E-06	2.75E-07	1.63E-06	8.65E-06
2764	490760.04	3859360.04	1.14E-02	1.14E-02	1.18E-02	3.95E-06	1.19E-05	6.90E-06	6.93E-06	6.28E-06	2.87E-06	2.96E-06	1.32E-07	3.18E-06	7.02E-07	9.41E-07	1.49E-06	2.63E-07	1.55E-06	8.27E-06
2765	490810.04	3859360.04	1.12E-02	1.12E-02	1.16E-02	3.87E-06	1.17E-05	6.77E-06	6.80E-06	6.16E-06	2.81E-06	2.91E-06	1.29E-07	3.12E-06	6.89E-07	9.23E-07	1.46E-06	2.58E-07	1.52E-06	8.11E-06
2766	490860.04	3859360.04	1.08E-02	1.09E-02	1.12E-02	3.75E-06	1.13E-05	6.55E-06	6.58E-06	5.97E-06	2.72E-06	2.81E-06	1.25E-07	3.02E-06	6.67E-07	8.94E-07	1.42E-06	2.50E-07	1.48E-06	7.86E-06
2767	490360.04	3859410.04	1.53E-02	1.53E-02	1.60E-02	5.30E-06	1.60E-05	9.27E-06	9.29E-06	8.43E-06	3.84E-06	4.00E-06	1.77E-07	4.28E-06	9.44E-07	1.26E-06	2.00E-06	3.53E-07	2.10E-06	1.11E-05
2768	490410.04	3859410.04	1.49E-02	1.49E-02	1.55E-02	5.16E-06	1.56E-05	9.01E-06	9.04E-06	8.19E-06	3.74E-06	3.89E-06	1.72E-07	4.16E-06	9.18E-07	1.23E-06	1.95E-06	3.43E-07	2.04E-06	1.08E-05
2769	490460.04	3859410.04	1.45E-02	1.45E-02	1.51E-02	5.01E-06	1.51E-05	8.76E-06	8.79E-06	7.97E-06	3.64E-06	3.78E-06	1.67E-07	4.04E-06	8.92E-07	1.19E-06	1.89E-06	3.34E-07	1.98E-06	1.05E-05
2770	490510.04	3859410.04	1.40E-02	1.41E-02	1.46E-02	4.87E-06	1.47E-05	8.51E-06	8.54E-06	7.74E-06	3.53E-06	3.67E-06	1.63E-07	3.93E-06	8.67E-07	1.16E-06	1.84E-06	3.24E-07	1.93E-06	1.02E-05
2771	490560.04	3859410.04	1.36E-02	1.37E-02	1.42E-02	4.73E-06	1.43E-05	8.27E-06	8.29E-06	7.52E-06	3.43E-06	3.56E-06	1.58E-07	3.81E-06	8.42E-07	1.13E-06	1.79E-06	3.15E-07	1.87E-06	9.91E-06
2772	490610.04	3859410.04	1.32E-02	1.33E-02	1.38E-02	4.59E-06	1.39E-05	8.02E-06	8.05E-06	7.30E-06	3.33E-06	3.46E-06	1.53E-07	3.70E-06	8.17E-07	1.09E-06	1.73E-06	3.06E-07	1.81E-06	9.62E-06
2773	490660.04	3859410.04	1.27E-02	1.28E-02	1.32E-02	4.41E-06	1.33E-05	7.71E-06	7.74E-06	7.01E-06	3.20E-06	3.32E-06	1.47E-07	3.56E-06	7.85E-07	1.05E-06	1.67E-06	2.94E-07	1.74E-06	9.24E-06
2774	490710.04	3859410.04	1.23E-02	1.23E-02	1.28E-02	4.25E-06	1.28E-05	7.44E-06	7.46E-06	6.77E-06	3.09E-06	3.20E-06	1.42E-07	3.43E-06	7.57E-07	1.01E-06	1.61E-06	2.83E-07	1.68E-06	8.91E-06
2775	490760.04	3859410.04	1.17E-02	1.18E-02	1.22E-02	4.07E-06	1.23E-05	7.11E-06	7.14E-06	6.47E-06	2.95E-06	3.06E-06	1.36E-07	3.28E-06	7.24E-07	9.69E-07	1.54E-06	2.71E-07	1.60E-06	8.52E-06
2776	490810.04	3859410.04	1.15E-02	1.15E-02	1.19E-02	3.98E-06	1.20E-05	6.95E-06	6.98E-06	6.33E-06	2.89E-06	2.99E-06	1.33E-07	3.21E-06	7.08E-07	9.48E-07	1.50E-06	2.65E-07	1.57E-06	8.34E-06
2777	490860.04	3859410.04	1.13E-02	1.13E-02	1.17E-02	3.92E-06	1.18E-05	6.84E-06	6.87E-06	6.23E-06	2.84E-06	2.94E-06	1.31E-07	3.16E-06	6.97E-07	9.33E-07	1.48E-06	2.61E-07	1.54E-06	8.20E-06
2778	490360.04	3859460.04	1.54E-02	1.55E-02	1.61E-02	5.35E-06	1.62E-05	9.36E-06	9.38E-06	8.51E-06	3.88E-06	4.04E-06	1.79E-07	4.32E-06	9.53E-07	1.27E-06	2.02E-06	3.56E-07	2.12E-06	1.12E-05
2779	490410.04	3859460.04	1.50E-02	1.51E-02	1.57E-02	5.20E-06	1.57E-05	9.09E-06	9.12E-06	8.27E-06	3.77E-06	3.93E-06	1.74E-07	4.20E-06	9.26E-07	1.24E-06	1.96E-06	3.46E-07	2.06E-06	1.09E-05
2780	490460.04	3859460.04	1.46E-02	1.47E-02	1.53E-02	5.07E-06	1.53E-05	8.86E-06	8.88E-06	8.05E-06	3.67E-06	3.82E-06	1.69E-07	4.09E-06	9.02E-07	1.21E-06	1.91E-06	3.37E-07	2.01E-06	1.06E-05
2781	490510.04	3859460.04	1.42E-02	1.43E-02	1.48E-02	4.93E-06	1.49E-05	8.62E-06	8.65E-06	7.84E-06	3.58E-06	3.72E-06	1.65E-07	3.98E-06	8.78E-07	1.17E-06	1.86E-06	3.28E-07	1.95E-06	1.03E-05
2782	490560.04	3859460.04	1.39E-02	1.39E-02	1.44E-02	4.80E-06	1.45E-05	8.39E-06	8.42E-06	7.63E-06	3.48E-06	3.62E-06	1.60E-07	3.87E-06	8.55E-07	1.14E-06	1.81E-06	3.20E-07	1.90E-06	1.01E-05
2783	490610.04	3859460.04	1.34E-02	1.35E-02	1.40E-02	4.66E-06	1.41E-05	8.14E-06	8.17E-06	7.41E-06	3.38E-06	3.51E-06	1.56E-07	3.76E-06	8.29E-07	1.11E-06	1.76E-06	3.10E-07	1.84E-06	9.76E-06
2784	490660.04	3859460.04	1.30E-02	1.31E-02	1.36E-02	4.51E-06	1.36E-05	7.88E-06	7.91E-06	7.17E-06	3.27E-06	3.40E-06	1.51E-07	3.64E-06	8.03E-07	1.07E-06	1.70E-06	3.00E-07	1.78E-06	9.45E-06
2785	490710.04	3859460.04	1.27E-02	1.27E-02	1.32E-02	4.39E-06	1.32E-05	7.67E-06	7.69E-06	6.98E-06	3.18E-06	3.30E-06	1.46E-07	3.54E-06	7.81E-07	1.04E-06	1.66E-06	2.92E-07	1.73E-06	9.19E-06
2786	490760.04	3859460.04	1.22E-02	1.23E-02	1.27E-02	4.24E-06	1.28E-05	7.42E-06	7.45E-06	6.75E-06	3.08E-06	3.19E-06	1.42E-07	3.42E-06	7.55E-07	1.01E-06	1.60E-06	2.83E-07	1.68E-06	8.89E-06
2787	490810.04	3859460.04	1.19E-02	1.19E-02	1.23E-02	4.11E-06	1.24E-05	7.18E-06	7.21E-06	6.54E-06	2.98E-06	3.09E-06	1.37E-07	3.32E-06	7.32E-07	9.79E-07	1.55E-06	2.74E-07	1.62E-06	8.61E-06
2788	490860.04	3859460.04	1.16E-02	1.17E-02	1.21E-02	4.03E-06	1.22E-05	7.04E-06	7.07E-06	6.41E-06	2.92E-06	3.03E-06	1.35E-07	3.25E-06	7.17E-07	9.60E-07	1.52E-06	2.68E-07	1.59E-06	8.44E-06
2789	490360.04	3859510.04	1.55E-02	1.56E-02	1.62E-02	5.38E-06	1.62E-05	9.41E-06	9.43E-06	8.55E-06	3.90E-06	4.06E-06	1.80E-07	4.34E-06	9.58E-07	1.28E-06	2.03E-06	3.58E-07	2.13E-06	1.13E-05
2790	490410.04	3859510.04	1.52E-02	1.52E-02	1.58E-02	5.25E-06	1.59E-05	9.18E-06	9.20E-06	8.34E-06	3.81E-06	3.96E-06	1.75E-07	4.24E-06	9.35E-07	1.25E-06	1.98E-06	3.49E-07	2.08E-06	1.10E-05
2791	490460.04	3859510.04	1.48E-02	1.48E-02	1.54E-02	5.11E-06	1.54E-05	8.94E-06	8.97E-06	8.13E-06	3.71E-06	3.86E-06	1.71E-07	4.13E-06	9.10E-07	1.22E-06	1.93E-06	3.40E-07	2.03E-06	1.07E-05
2792	490510.04	3859510.04	1.44E-02	1.44E-02	1.50E-02	4.98E-06	1.51E-05	8.71E-06	8.74E-06	7.92E-06	3.61E-06	3.76E-06	1.66E-07	4.02E-06	8.87E-07	1.19E-06	1.88E-06	3.32E-07	1.97E-06	1.04E-05
2793	490560.04	3859510.04	1.40E-02	1.41E-02	1.46E-02	4.86E-06	1.47E-05	8.49E-06	8.51E-06	7.72E-06	3.52E-06	3.66E-06	1.62E-07	3.92E-06	8.64E-07	1.16E-06	1.83E-06	3.23E-07	1.92E-06	1.02E-05
2794	490610.04	3859510.04	1.36E-02	1.37E-02	1.42E-02	4.72E-06	1.43E-05	8.25E-06	8.28E-06	7.50E-06	3.42E-06	3.56E-06	1.58E-07	3.81E-06	8.40E-07	1.12E-06	1.78E-06	3.14E-07	1.87E-06	9.90E-06
2795	490660.04	3859510.04	1.32E-02	1.33E-02	1.38E-02	4.59E-06	1.39E-05	8.02E-06	8.05E-06	7.29E-06	3.33E-06	3.46E-06	1.53E-07	3.70E-06	8.17E-07	1.09E-06	1.73E-06	3.05E-07	1.82E-06	9.62E-06
2796	490710.04	3859510.04	1.29E-02	1.29E-02	1.34E-02	4.45E-06	1.34E-05	7.79E-06	7.81E-06	7.08E-06	3.23E-06	3.36E-06	1.49E-07	3.59E-06	7.93E-07	1.06E-06	1.68E-06	2.97E-07	1.76E-06	9.34E-06
2797	490760.04	3859510.04	1.25E-02	1.25E-02	1.30E-02	4.33E-06	1.31E-05	7.56E-06	7.59E-06	6.88E-06	3.14E-06	3.26E-06	1.45E-07	3.49E-06	7.70E-07	1.03E-06	1.64E-06	2.88E-07	1.71E-06	9.07E-06
2798	490810.04	3859510.04	1.22E-02	1.22E-02	1.27E-02	4.22E-06	1.27E-05	7.38E-06	7.40E-06	6.71E-06	3.06E-06	3.18E-06	1.41E-07	3.40E-06	7.51E-07	1.01E-06	1.59E-06	2.81E-07	1.67E-06	8.85E-06
2799	490860.04	3859510.04	1.18E-02	1.19E-02	1.23E-02	4.11E-06	1.24E-05	7.18E-06	7.20E-06	6.53E-06	2.98E-06	3.09E-06	1.37E-07	3.31E-06	7.31E-07	9.78E-07	1.55E-06	2.73E-07	1.62E-06	8.60E-06
2800	490360.04	3859560.04	1.56E-02	1.56E-02	1.63E-02	5.40E-06	1.63E-05	9.44E-06	9.46E-06	8.58E-06	3.91E-06	4.08E-06	1.80E-07	4.36E-06	9.61E-07	1.28E-06	2.04E-06	3.59E-07	2.14E-06	1.13E-05
2801	490410.04	3859560.04	1.52E-02	1.53E-02	1.59E-02	5.27E-06	1.59E-05	9.22E-06	9.25E-06	8.38E-06	3.82E-06	3.98E-06	1.76E-07	4.25E-06	9.39E-07	1.26E-06	1.99E-06	3.51E-07	2.09E-06	1.11E-05
2802	490460.04	3859560.04	1.49E-02	1.49E-02	1.55E-02	5.15E-06	1.55E-05	9.00E-06	9.03E-06	8.18E-06	3.73E-06	3.89E-06	1.72E-07	4.15E-06	9.17E-07	1.23E-06	1.94E-06	3.43E-07	2.04E-06	1.08E-05

2803	490510.04	3859560.04	1.45E-02	1.45E-02	1.51E-02	5.02E-06	1.51E-05	8.77E-06	8.79E-06	7.97E-06	3.64E-06	3.79E-06	1.68E-07	4.05E-06	8.93E-07	1.19E-06	1.89E-06	3.34E-07	1.99E-06	1.05E-05
2804	490560.04	3859560.04	1.41E-02	1.42E-02	1.48E-02	4.90E-06	1.48E-05	8.57E-06	8.59E-06	7.79E-06	3.55E-06	3.70E-06	1.64E-07	3.95E-06	8.72E-07	1.17E-06	1.85E-06	3.26E-07	1.94E-06	1.03E-05
2805	490610.04	3859560.04	1.38E-02	1.38E-02	1.44E-02	4.77E-06	1.44E-05	8.34E-06	8.37E-06	7.59E-06	3.46E-06	3.60E-06	1.59E-07	3.85E-06	8.50E-07	1.14E-06	1.80E-06	3.18E-07	1.89E-06	1.00E-05
2806	490660.04	3859560.04	1.34E-02	1.35E-02	1.40E-02	4.65E-06	1.40E-05	8.13E-06	8.15E-06	7.39E-06	3.37E-06	3.51E-06	1.55E-07	3.75E-06	8.27E-07	1.11E-06	1.76E-06	3.09E-07	1.84E-06	9.74E-06
2807	490710.04	3859560.04	1.30E-02	1.31E-02	1.36E-02	4.52E-06	1.36E-05	7.90E-06	7.93E-06	7.19E-06	3.28E-06	3.41E-06	1.51E-07	3.65E-06	8.05E-07	1.08E-06	1.71E-06	3.01E-07	1.79E-06	9.48E-06
2808	490760.04	3859560.04	1.26E-02	1.27E-02	1.32E-02	4.38E-06	1.32E-05	7.66E-06	7.68E-06	6.96E-06	3.18E-06	3.30E-06	1.46E-07	3.53E-06	7.80E-07	1.04E-06	1.65E-06	2.92E-07	1.73E-06	9.18E-06
2809	490810.04	3859560.04	1.23E-02	1.23E-02	1.28E-02	4.26E-06	1.29E-05	7.45E-06	7.47E-06	6.77E-06	3.09E-06	3.21E-06	1.42E-07	3.44E-06	7.58E-07	1.01E-06	1.61E-06	2.84E-07	1.68E-06	8.93E-06
2810	490860.04	3859560.04	1.19E-02	1.20E-02	1.24E-02	4.14E-06	1.25E-05	7.24E-06	7.26E-06	6.58E-06	3.00E-06	3.12E-06	1.38E-07	3.34E-06	7.37E-07	9.86E-07	1.56E-06	2.76E-07	1.64E-06	8.68E-06
2811	490187.25	3859422.08	1.69E-02	1.69E-02	1.76E-02	5.85E-06	1.77E-05	1.02E-05	1.03E-05	9.29E-06	4.24E-06	4.42E-06	1.95E-07	4.72E-06	1.04E-06	1.39E-06	2.21E-06	3.89E-07	2.32E-06	1.23E-05
2812	490237.25	3859422.08	1.64E-02	1.65E-02	1.71E-02	5.69E-06	1.72E-05	9.94E-06	9.97E-06	9.04E-06	4.12E-06	4.30E-06	1.90E-07	4.59E-06	1.01E-06	1.35E-06	2.15E-06	3.79E-07	2.26E-06	1.19E-05
2813	490287.25	3859422.08	1.60E-02	1.60E-02	1.67E-02	5.54E-06	1.67E-05	9.68E-06	9.71E-06	8.80E-06	4.01E-06	4.18E-06	1.85E-07	4.47E-06	9.85E-07	1.32E-06	2.09E-06	3.68E-07	2.19E-06	1.16E-05
2814	490337.25	3859422.08	1.55E-02	1.56E-02	1.62E-02	5.38E-06	1.62E-05	9.40E-06	9.43E-06	8.55E-06	3.90E-06	4.06E-06	1.80E-07	4.34E-06	9.57E-07	1.28E-06	2.03E-06	3.58E-07	2.13E-06	1.13E-05
2815	490187.25	3859472.08	1.69E-02	1.69E-02	1.77E-02	5.86E-06	1.77E-05	1.02E-05	1.03E-05	9.30E-06	4.25E-06	4.43E-06	1.96E-07	4.72E-06	1.04E-06	1.39E-06	2.21E-06	3.90E-07	2.32E-06	1.23E-05
2816	490237.25	3859472.08	1.65E-02	1.65E-02	1.72E-02	5.71E-06	1.72E-05	9.98E-06	1.00E-05	9.07E-06	4.14E-06	4.31E-06	1.91E-07	4.61E-06	1.02E-06	1.36E-06	2.16E-06	3.80E-07	2.26E-06	1.20E-05
2817	490287.25	3859472.08	1.60E-02	1.61E-02	1.67E-02	5.56E-06	1.68E-05	9.71E-06	9.74E-06	8.83E-06	4.03E-06	4.20E-06	1.86E-07	4.48E-06	9.89E-07	1.32E-06	2.10E-06	3.70E-07	2.20E-06	1.16E-05
2818	490337.25	3859472.08	1.56E-02	1.57E-02	1.63E-02	5.42E-06	1.64E-05	9.48E-06	9.50E-06	8.62E-06	3.93E-06	4.09E-06	1.81E-07	4.37E-06	9.65E-07	1.29E-06	2.05E-06	3.61E-07	2.15E-06	1.14E-05
2819	490297.07	3859500.42	1.60E-02	1.60E-02	1.67E-02	5.54E-06	1.67E-05	9.69E-06	9.71E-06	8.81E-06	4.02E-06	4.19E-06	1.85E-07	4.47E-06	9.86E-07	1.32E-06	2.09E-06	3.69E-07	2.20E-06	1.16E-05
2820	490327.07	3859500.42	1.58E-02	1.58E-02	1.65E-02	5.47E-06	1.65E-05	9.56E-06	9.59E-06	8.69E-06	3.97E-06	4.13E-06	1.83E-07	4.41E-06	9.74E-07	1.30E-06	2.07E-06	3.64E-07	2.17E-06	1.15E-05
2821	490297.07	3859530.42	1.60E-02	1.61E-02	1.68E-02	5.56E-06	1.68E-05	9.72E-06	9.74E-06	8.83E-06	4.03E-06	4.20E-06	1.86E-07	4.48E-06	9.90E-07	1.32E-06	2.10E-06	3.70E-07	2.20E-06	1.17E-05
2822	490327.07	3859530.42	1.58E-02	1.59E-02	1.65E-02	5.48E-06	1.65E-05	9.58E-06	9.60E-06	8.71E-06	3.97E-06	4.14E-06	1.83E-07	4.42E-06	9.75E-07	1.30E-06	2.07E-06	3.65E-07	2.17E-06	1.15E-05
2823	490319.73	3859055.34	1.45E-02	1.46E-02	1.51E-02	5.03E-06	1.52E-05	8.79E-06	8.83E-06	8.00E-06	3.65E-06	3.78E-06	1.68E-07	4.06E-06	8.95E-07	1.20E-06	1.90E-06	3.35E-07	1.98E-06	1.05E-05
2824	490319.73	3859105.34	1.46E-02	1.47E-02	1.52E-02	5.07E-06	1.53E-05	8.86E-06	8.90E-06	8.06E-06	3.68E-06	3.81E-06	1.69E-07	4.09E-06	9.02E-07	1.21E-06	1.92E-06	3.38E-07	2.00E-06	1.06E-05
2825	490069.73	3859155.34	1.72E-02	1.73E-02	1.80E-02	5.97E-06	1.80E-05	1.04E-05	1.05E-05	9.49E-06	4.33E-06	4.50E-06	1.99E-07	4.82E-06	1.06E-06	1.42E-06	2.26E-06	3.97E-07	2.36E-06	1.25E-05
2826	490119.73	3859155.34	1.68E-02	1.68E-02	1.75E-02	5.81E-06	1.75E-05	1.02E-05	1.02E-05	9.23E-06	4.21E-06	4.38E-06	1.94E-07	4.69E-06	1.03E-06	1.38E-06	2.19E-06	3.87E-07	2.30E-06	1.22E-05
2827	490269.73	3859155.34	1.54E-02	1.55E-02	1.61E-02	5.34E-06	1.61E-05	9.34E-06	9.37E-06	8.49E-06	3.88E-06	4.02E-06	1.78E-07	4.31E-06	9.51E-07	1.27E-06	2.02E-06	3.56E-07	2.11E-06	1.12E-05
2828	490319.73	3859155.34	1.48E-02	1.49E-02	1.54E-02	5.13E-06	1.55E-05	8.98E-06	9.01E-06	8.17E-06	3.73E-06	3.86E-06	1.71E-07	4.14E-06	9.14E-07	1.22E-06	1.94E-06	3.42E-07	2.03E-06	1.08E-05
2829	490069.73	3859205.34	1.75E-02	1.76E-02	1.83E-02	6.08E-06	1.84E-05	1.06E-05	1.07E-05	9.66E-06	4.41E-06	4.59E-06	2.03E-07	4.91E-06	1.08E-06	1.45E-06	2.30E-06	4.05E-07	2.41E-06	1.27E-05
2830	490119.73	3859205.34	1.71E-02	1.72E-02	1.79E-02	5.94E-06	1.79E-05	1.04E-05	1.04E-05	9.44E-06	4.31E-06	4.48E-06	1.98E-07	4.79E-06	1.06E-06	1.41E-06	2.24E-06	3.95E-07	2.35E-06	1.25E-05
2831	490169.73	3859205.34	1.67E-02	1.67E-02	1.74E-02	5.77E-06	1.74E-05	1.01E-05	1.01E-05	9.17E-06	4.19E-06	4.35E-06	1.93E-07	4.66E-06	1.03E-06	1.37E-06	2.18E-06	3.84E-07	2.28E-06	1.21E-05
2832	490219.73	3859205.34	1.61E-02	1.61E-02	1.68E-02	5.57E-06	1.68E-05	9.74E-06	9.77E-06	8.86E-06	4.04E-06	4.20E-06	1.86E-07	4.49E-06	9.92E-07	1.33E-06	2.10E-06	3.71E-07	2.20E-06	1.17E-05
2833	490269.73	3859205.34	1.54E-02	1.55E-02	1.61E-02	5.34E-06	1.61E-05	9.34E-06	9.37E-06	8.50E-06	3.88E-06	4.03E-06	1.78E-07	4.31E-06	9.51E-07	1.27E-06	2.02E-06	3.56E-07	2.11E-06	1.12E-05
2834	490319.73	3859205.34	1.49E-02	1.50E-02	1.55E-02	5.17E-06	1.56E-05	9.04E-06	9.07E-06	8.22E-06	3.75E-06	3.90E-06	1.73E-07	4.17E-06	9.21E-07	1.23E-06	1.95E-06	3.44E-07	2.04E-06	1.08E-05
2835	490069.73	3859255.34	1.77E-02	1.77E-02	1.85E-02	6.13E-06	1.85E-05	1.07E-05	1.07E-05	9.74E-06	4.44E-06	4.63E-06	2.05E-07	4.94E-06	1.09E-06	1.46E-06	2.31E-06	4.08E-07	2.43E-06	1.28E-05
2836	490119.73	3859255.34	1.73E-02	1.73E-02	1.80E-02	5.98E-06	1.81E-05	1.05E-05	1.05E-05	9.50E-06	4.34E-06	4.51E-06	2.00E-07	4.82E-06	1.06E-06	1.42E-06	2.26E-06	3.98E-07	2.37E-06	1.25E-05
2837	490169.73	3859255.34	1.68E-02	1.68E-02	1.75E-02	5.82E-06	1.76E-05	1.02E-05	1.02E-05	9.24E-06	4.22E-06	4.39E-06	1.94E-07	4.69E-06	1.04E-06	1.38E-06	2.20E-06	3.87E-07	2.30E-06	1.22E-05
2838	490219.73	3859255.34	1.62E-02	1.63E-02	1.69E-02	5.62E-06	1.70E-05	9.82E-06	9.85E-06	8.93E-06	4.08E-06	4.24E-06	1.88E-07	4.53E-06	1.00E-06	1.34E-06	2.12E-06	3.74E-07	2.22E-06	1.18E-05
2839	490269.73	3859255.34	1.56E-02	1.57E-02	1.63E-02	5.42E-06	1.64E-05	9.47E-06	9.50E-06	8.61E-06	3.93E-06	4.08E-06	1.81E-07	4.37E-06	9.64E-07	1.29E-06	2.05E-06	3.60E-07	2.14E-06	1.14E-05
2840	490319.73	3859255.34	1.51E-02	1.52E-02	1.58E-02	5.24E-06	1.58E-05	9.16E-06	9.19E-06	8.33E-06	3.80E-06	3.95E-06	1.75E-07	4.23E-06	9.32E-07	1.25E-06	1.98E-06	3.49E-07	2.07E-06	1.10E-05
2841	490069.73	3859305.34	1.78E-02	1.78E-02	1.86E-02	6.16E-06	1.86E-05	1.08E-05	1.08E-05	9.79E-06	4.47E-06	4.65E-06	2.06E-07	4.97E-06	1.10E-06	1.47E-06	2.33E-06	4.10E-07	2.44E-06	1.29E-05
2842	490119.73	3859305.34	1.74E-02	1.74E-02	1.81E-02	6.01E-06	1.82E-05	1.05E-05	1.05E-05	9.56E-06	4.36E-06	4.54E-06	2.01E-07	4.85E-06	1.07E-06	1.43E-06	2.27E-06	4.00E-07	2.38E-06	1.26E-05
2843	490169.73	3859305.34	1.69E-02	1.69E-02	1.76E-02	5.85E-06	1.77E-05	1.02E-05	1.03E-05	9.30E-06	4.24E-06	4.42E-06	1.95E-07	4.72E-06	1.04E-06	1.39E-06	2.21E-06	3.89E-07	2.32E-06	1.23E-05
2844	490219.73	3859305.34	1.64E-02	1.64E-02	1.71E-02	5.67E-06	1.71E-05	9.91E-06	9.94E-06	9.01E-06	4.11E-06	4.28E-06	1.89E-07	4.57E-06	1.01E-06	1.35E-06	2.14E-06	3.77E-07	2.25E-06	1.19E-05
2845	490269.73	3859305.34	1.58E-02	1.59E-02	1.65E-02	5.49E-06	1.66E-05	9.60E-06	9.63E-06	8.73E-06	3.98E-06	4.14E-06	1.83E-07	4.43E-06	9.77E-07	1.31E-06	2.07E-06	3.65E-07	2.17E-06	1.15E-05
2846	490319.73	3859305.34	1.53E-02	1.53E-02	1.59E-02	5.29E-06	1.60E-05	9.24E-06	9.27E-06	8.41E-06	3.84E-06	3.99E-06	1.77E-07	4.27E-06	9.41E-07	1.26E-06	2.00E-06	3.52E-07	2.09E-06	1.11E-05
2847	490069.73	3859355.34	1.79E-02	1.79E-02	1.87E-02	6.20E-06	1.87E-05	1.08E-05	1.09E-05	9.85E-06	4.49E-06	4.68E-06	2.07E-07	5.00E-06	1.10E-06	1.47E-06	2.34E-06	4.12E-07	2.46E-06	1.30E-05
2848	490119.73	3859355.34	1.75E-02	1.75E-02	1.82E-02	6.05E-06	1.83E-05	1.06E-05	1.06E-05	9.61E-06	4.39E-06	4.57E-06	2.02E-07	4.88E-06	1.08E-06	1.44E-06	2.28E-06	4.03E-07	2.40E-06	1.27E-05
2849	490169.73	3859355.34	1.70E-02	1.70E-02	1.77E-02	5.89E-06	1.78E-05	1.03E-05	1.03E-05	9.36E-06	4.27E-06	4.45E-06	1.97E-07	4.75E-06	1.05E-06	1.40E-06	2.22E-06	3.92E-07	2.33E-06	1.23E-05
2850	490219.73	3859355.34	1.65E-02	1.65E-02	1.72E-02	5.71E-06	1.72E-05	9.98E-06	1.00E-05	9.08E-06	4.14E-06	4.31E-06	1.91E-07	4.61E-06	1.02E-06	1.36E-06	2.16E-06	3.80E-07	2.26E-06	1.20E-05
2851	490269.73	3859355.34	1.60E-02	1.61E-02	1.67E-02	5.55E-06	1.67E-05	9.69E-06	9.72E-06	8.81E-06	4.02E-06	4.19E-06	1.85E-07	4.47E-06	9.87E-07	1.32E-06	2.09E-06	3.69E-07	2.20E-06	1.16E-05
2852	490319.73	3859355.34	1.55E-02	1.55E-02	1.62E-02	5.36E-06	1.62E-05	9.38E-06	9.41E-06	8.53E-06	3.89E-06	4.05E-06	1.79E-07	4.33E-06	9.55E-07	1.28E-06	2.03E-06	3.57E-07	2.12E-06	1.12E-05
2853	490069.73	3859405.34	1.79E-02	1.80E-02	1.88E-02	6.22E-06	1.88E-05	1.09E-05	1.09E-05	9.88E-06	4.51E-06	4.70E-06	2.08E-07	5.01E-06	1.11E-06	1.48E-06	2.35E-06	4.14E-07	2.47E-06	1.30E-05
2854	490119.73	3859405.34	1.75E-02	1.75E-02	1.83E-02	6.06E-06	1.83E-05	1.06E-05	1.06E-05	9.63E-06	4.40E-06	4.58E-06	2.02E-07	4.89E-06	1.08E-06	1.44E-06	2.29E-06	4.03E-07	2.40E-06	1.27E-05
2855	490169.73	3859405.34	1.70E-02	1.71E-02	1.78E-02	5.90E-06	1.78E-05	1.03E-05	1.03E-05	9.37E-06	4.28E-06	4.46E-06	1.97E-07	4.76E-06	1.05E-06	1.40E-06	2.23E-06	3.93E-07	2.34E-06	1.24E-05

2856	490219.73	3859405.34	1.66E-02	1.66E-02	1.73E-02	5.74E-06	1.73E-05	1.00E-05	1.01E-05	9.12E-06	4.16E-06	4.34E-06	1.92E-07	4.63E-06	1.02E-06	1.37E-06	2.17E-06	3.82E-07	2.28E-06	1.20E-05
2857	490269.73	3859405.34	1.61E-02	1.61E-02	1.68E-02	5.58E-06	1.68E-05	9.75E-06	9.77E-06	8.86E-06	4.04E-06	4.21E-06	1.86E-07	4.50E-06	9.92E-07	1.33E-06	2.10E-06	3.71E-07	2.21E-06	1.17E-05
2858	490319.73	3859405.34	1.56E-02	1.57E-02	1.63E-02	5.41E-06	1.63E-05	9.46E-06	9.49E-06	8.60E-06	3.92E-06	4.08E-06	1.81E-07	4.36E-06	9.63E-07	1.29E-06	2.04E-06	3.60E-07	2.14E-06	1.13E-05
2859	490161.89	3859541.83	1.71E-02	1.71E-02	1.79E-02	5.93E-06	1.79E-05	1.04E-05	1.04E-05	9.41E-06	4.30E-06	4.48E-06	1.98E-07	4.78E-06	1.05E-06	1.41E-06	2.24E-06	3.94E-07	2.35E-06	1.24E-05
2860	490171.89	3859541.83	1.70E-02	1.71E-02	1.78E-02	5.90E-06	1.78E-05	1.03E-05	1.03E-05	9.37E-06	4.27E-06	4.46E-06	1.97E-07	4.76E-06	1.05E-06	1.40E-06	2.23E-06	3.92E-07	2.34E-06	1.24E-05
2861	490161.89	3859551.83	1.71E-02	1.71E-02	1.79E-02	5.92E-06	1.79E-05	1.04E-05	1.04E-05	9.41E-06	4.29E-06	4.48E-06	1.98E-07	4.78E-06	1.05E-06	1.41E-06	2.24E-06	3.94E-07	2.35E-06	1.24E-05
2862	490171.89	3859551.83	1.70E-02	1.71E-02	1.78E-02	5.90E-06	1.78E-05	1.03E-05	1.03E-05	9.36E-06	4.27E-06	4.46E-06	1.97E-07	4.76E-06	1.05E-06	1.40E-06	2.23E-06	3.92E-07	2.34E-06	1.24E-05
2863	489799.72	3859348.21	2.08E-02	2.09E-02	2.18E-02	7.21E-06	2.18E-05	1.26E-05	1.26E-05	1.14E-05	5.22E-06	5.45E-06	2.41E-07	5.81E-06	1.28E-06	1.71E-06	2.72E-06	4.79E-07	2.86E-06	1.51E-05
2864	489819.72	3859348.21	2.06E-02	2.06E-02	2.15E-02	7.12E-06	2.15E-05	1.25E-05	1.25E-05	1.13E-05	5.16E-06	5.39E-06	2.38E-07	5.75E-06	1.27E-06	1.69E-06	2.69E-06	4.74E-07	2.83E-06	1.49E-05
2865	489799.72	3859368.21	2.08E-02	2.08E-02	2.18E-02	7.21E-06	2.18E-05	1.26E-05	1.26E-05	1.14E-05	5.22E-06	5.45E-06	2.41E-07	5.81E-06	1.28E-06	1.71E-06	2.72E-06	4.79E-07	2.86E-06	1.51E-05
2866	489819.72	3859368.21	2.05E-02	2.06E-02	2.15E-02	7.12E-06	2.15E-05	1.24E-05	1.25E-05	1.13E-05	5.16E-06	5.38E-06	2.38E-07	5.74E-06	1.27E-06	1.69E-06	2.69E-06	4.73E-07	2.83E-06	1.49E-05
2867	489775.41	3859329.72	2.11E-02	2.12E-02	2.21E-02	7.33E-06	2.21E-05	1.28E-05	1.28E-05	1.16E-05	5.31E-06	5.54E-06	2.45E-07	5.91E-06	1.30E-06	1.74E-06	2.77E-06	4.87E-07	2.91E-06	1.54E-05
2868	489795.41	3859329.72	2.09E-02	2.09E-02	2.19E-02	7.24E-06	2.19E-05	1.27E-05	1.27E-05	1.15E-05	5.25E-06	5.47E-06	2.42E-07	5.84E-06	1.29E-06	1.72E-06	2.73E-06	4.81E-07	2.87E-06	1.52E-05
2869	489775.41	3859349.72	2.11E-02	2.12E-02	2.21E-02	7.32E-06	2.21E-05	1.28E-05	1.28E-05	1.16E-05	5.31E-06	5.54E-06	2.45E-07	5.91E-06	1.30E-06	1.74E-06	2.76E-06	4.87E-07	2.91E-06	1.54E-05
2870	489795.41	3859349.72	2.09E-02	2.09E-02	2.18E-02	7.23E-06	2.18E-05	1.26E-05	1.27E-05	1.15E-05	5.24E-06	5.47E-06	2.41E-07	5.83E-06	1.29E-06	1.72E-06	2.73E-06	4.81E-07	2.87E-06	1.52E-05
2871	489595.05	3859219.43	2.37E-02	2.38E-02	2.48E-02	8.21E-06	2.48E-05	1.44E-05	1.44E-05	1.30E-05	5.95E-06	6.22E-06	2.74E-07	6.63E-06	1.46E-06	1.95E-06	3.10E-06	5.46E-07	3.26E-06	1.72E-05
2872	489615.05	3859219.43	2.33E-02	2.34E-02	2.44E-02	8.08E-06	2.44E-05	1.41E-05	1.42E-05	1.28E-05	5.86E-06	6.12E-06	2.70E-07	6.52E-06	1.44E-06	1.92E-06	3.05E-06	5.38E-07	3.21E-06	1.70E-05
2873	489595.05	3859239.43	2.38E-02	2.39E-02	2.49E-02	8.25E-06	2.49E-05	1.44E-05	1.45E-05	1.31E-05	5.98E-06	6.24E-06	2.75E-07	6.65E-06	1.47E-06	1.96E-06	3.11E-06	5.49E-07	3.28E-06	1.73E-05
2874	489615.05	3859239.43	2.34E-02	2.35E-02	2.45E-02	8.12E-06	2.45E-05	1.42E-05	1.42E-05	1.29E-05	5.88E-06	6.14E-06	2.71E-07	6.55E-06	1.44E-06	1.93E-06	3.06E-06	5.40E-07	3.22E-06	1.70E-05
2875	489372.4	3859092.58	2.70E-02	2.71E-02	2.83E-02	9.36E-06	2.83E-05	1.64E-05	1.64E-05	1.49E-05	6.78E-06	7.08E-06	3.12E-07	7.55E-06	1.67E-06	2.23E-06	3.53E-06	6.22E-07	3.72E-06	1.96E-05
2876	489422.4	3859092.58	2.59E-02	2.59E-02	2.71E-02	8.97E-06	2.71E-05	1.57E-05	1.57E-05	1.42E-05	6.50E-06	6.79E-06	2.99E-07	7.23E-06	1.60E-06	2.13E-06	3.38E-06	5.96E-07	3.56E-06	1.88E-05
2877	489372.4	3859142.58	2.77E-02	2.78E-02	2.90E-02	9.61E-06	2.90E-05	1.68E-05	1.68E-05	1.53E-05	6.96E-06	7.28E-06	3.21E-07	7.75E-06	1.71E-06	2.28E-06	3.62E-06	6.39E-07	3.82E-06	2.01E-05
2878	489422.4	3859142.58	2.66E-02	2.66E-02	2.78E-02	9.21E-06	2.78E-05	1.61E-05	1.61E-05	1.46E-05	6.67E-06	6.97E-06	3.07E-07	7.43E-06	1.64E-06	2.19E-06	3.47E-06	6.12E-07	3.66E-06	1.93E-05
2879	488870.84	3858666.64	2.03E-02	2.04E-02	2.12E-02	7.05E-06	2.13E-05	1.23E-05	1.24E-05	1.12E-05	5.11E-06	5.30E-06	2.35E-07	5.68E-06	1.25E-06	1.68E-06	2.66E-06	4.69E-07	2.78E-06	1.48E-05
2880	488900.84	3858666.64	2.01E-02	2.02E-02	2.09E-02	6.97E-06	2.11E-05	1.22E-05	1.22E-05	1.11E-05	5.06E-06	5.25E-06	2.33E-07	5.63E-06	1.24E-06	1.66E-06	2.64E-06	4.65E-07	2.75E-06	1.46E-05
2881	488870.84	3858696.64	2.15E-02	2.15E-02	2.24E-02	7.44E-06	2.25E-05	1.30E-05	1.30E-05	1.18E-05	5.40E-06	5.60E-06	2.48E-07	6.00E-06	1.32E-06	1.77E-06	2.81E-06	4.95E-07	2.94E-06	1.56E-05
2882	488900.84	3858696.64	2.12E-02	2.13E-02	2.21E-02	7.35E-06	2.22E-05	1.28E-05	1.29E-05	1.17E-05	5.33E-06	5.53E-06	2.45E-07	5.93E-06	1.31E-06	1.75E-06	2.78E-06	4.89E-07	2.90E-06	1.54E-05
2883	488889.67	3858683.97	2.08E-02	2.09E-02	2.17E-02	7.21E-06	2.18E-05	1.26E-05	1.26E-05	1.15E-05	5.23E-06	5.43E-06	2.41E-07	5.82E-06	1.28E-06	1.72E-06	2.72E-06	4.80E-07	2.85E-06	1.51E-05
2884	488919.67	3858683.97	2.06E-02	2.07E-02	2.14E-02	7.14E-06	2.15E-05	1.25E-05	1.25E-05	1.13E-05	5.18E-06	5.37E-06	2.38E-07	5.76E-06	1.27E-06	1.70E-06	2.70E-06	4.75E-07	2.82E-06	1.50E-05
2885	488889.67	3858713.97	2.20E-02	2.21E-02	2.29E-02	7.63E-06	2.30E-05	1.33E-05	1.34E-05	1.21E-05	5.53E-06	5.75E-06	2.55E-07	6.15E-06	1.36E-06	1.82E-06	2.88E-06	5.08E-07	3.02E-06	1.60E-05
2886	488919.67	3858713.97	2.17E-02	2.18E-02	2.26E-02	7.53E-06	2.27E-05	1.32E-05	1.32E-05	1.20E-05	5.46E-06	5.67E-06	2.51E-07	6.07E-06	1.34E-06	1.79E-06	2.84E-06	5.01E-07	2.98E-06	1.58E-05
2887	488906.61	3858703.33	2.14E-02	2.15E-02	2.23E-02	7.42E-06	2.24E-05	1.30E-05	1.30E-05	1.18E-05	5.39E-06	5.59E-06	2.48E-07	5.99E-06	1.32E-06	1.77E-06	2.80E-06	4.94E-07	2.94E-06	1.56E-05
2888	488936.61	3858703.33	2.11E-02	2.12E-02	2.20E-02	7.33E-06	2.21E-05	1.28E-05	1.29E-05	1.17E-05	5.32E-06	5.52E-06	2.45E-07	5.91E-06	1.30E-06	1.75E-06	2.77E-06	4.88E-07	2.90E-06	1.54E-05
2889	488906.61	3858733.33	2.26E-02	2.27E-02	2.36E-02	7.84E-06	2.37E-05	1.37E-05	1.38E-05	1.25E-05	5.69E-06	5.91E-06	2.62E-07	6.33E-06	1.40E-06	1.87E-06	2.96E-06	5.22E-07	3.10E-06	1.64E-05
2890	488936.61	3858733.33	2.23E-02	2.24E-02	2.33E-02	7.74E-06	2.34E-05	1.35E-05	1.36E-05	1.23E-05	5.62E-06	5.84E-06	2.58E-07	6.24E-06	1.38E-06	1.84E-06	2.92E-06	5.15E-07	3.06E-06	1.62E-05
2891	488637.63	3858467.85	1.74E-02	1.75E-02	1.80E-02	6.04E-06	1.82E-05	1.06E-05	1.06E-05	9.62E-06	4.39E-06	4.52E-06	2.02E-07	4.87E-06	1.08E-06	1.44E-06	2.29E-06	4.03E-07	2.37E-06	1.27E-05
2892	488662.63	3858467.85	1.73E-02	1.74E-02	1.79E-02	6.00E-06	1.81E-05	1.05E-05	1.05E-05	9.56E-06	4.36E-06	4.49E-06	2.00E-07	4.84E-06	1.07E-06	1.43E-06	2.27E-06	4.00E-07	2.36E-06	1.26E-05
2893	488637.63	3858492.85	1.78E-02	1.78E-02	1.84E-02	6.15E-06	1.86E-05	1.08E-05	1.08E-05	9.80E-06	4.47E-06	4.61E-06	2.05E-07	4.96E-06	1.10E-06	1.47E-06	2.33E-06	4.10E-07	2.42E-06	1.29E-05
2894	488662.63	3858492.85	1.76E-02	1.77E-02	1.82E-02	6.11E-06	1.84E-05	1.07E-05	1.07E-05	9.72E-06	4.44E-06	4.57E-06	2.04E-07	4.92E-06	1.09E-06	1.46E-06	2.31E-06	4.07E-07	2.40E-06	1.28E-05
2895	488687.63	3858492.85	1.75E-02	1.76E-02	1.81E-02	6.05E-06	1.83E-05	1.06E-05	1.06E-05	9.64E-06	4.40E-06	4.53E-06	2.02E-07	4.88E-06	1.08E-06	1.44E-06	2.29E-06	4.04E-07	2.38E-06	1.27E-05
2896	488637.63	3858517.85	1.81E-02	1.82E-02	1.88E-02	6.29E-06	1.90E-05	1.10E-05	1.10E-05	1.00E-05	4.57E-06	4.71E-06	2.10E-07	5.07E-06	1.12E-06	1.50E-06	2.38E-06	4.19E-07	2.47E-06	1.32E-05
2897	488662.63	3858517.85	1.80E-02	1.81E-02	1.86E-02	6.23E-06	1.88E-05	1.09E-05	1.09E-05	9.92E-06	4.53E-06	4.67E-06	2.08E-07	5.03E-06	1.11E-06	1.49E-06	2.36E-06	4.16E-07	2.45E-06	1.31E-05
2898	488687.63	3858517.85	1.78E-02	1.79E-02	1.85E-02	6.19E-06	1.87E-05	1.08E-05	1.09E-05	9.85E-06	4.49E-06	4.63E-06	2.07E-07	4.99E-06	1.10E-06	1.47E-06	2.34E-06	4.12E-07	2.43E-06	1.30E-05
2899	488194.42	3857168.98	1.11E-02	1.17E-02	9.77E-03	3.86E-06	1.17E-05	6.75E-06	7.09E-06	6.43E-06	2.93E-06	2.45E-06	1.29E-07	3.12E-06	6.88E-07	9.63E-07	1.53E-06	2.69E-07	1.29E-06	7.98E-06
2900	488244.42	3857168.98	1.10E-02	1.16E-02	9.71E-03	3.82E-06	1.15E-05	6.68E-06	7.00E-06	6.35E-06	2.90E-06	2.43E-06	1.28E-07	3.08E-06	6.80E-07	9.51E-07	1.51E-06	2.66E-07	1.28E-06	7.89E-06
2901	488294.42	3857168.98	1.09E-02	1.14E-02	9.62E-03	3.77E-06	1.14E-05	6.59E-06	6.90E-06	6.26E-06	2.85E-06	2.41E-06	1.26E-07	3.04E-06	6.71E-07	9.37E-07	1.49E-06	2.62E-07	1.26E-06	7.79E-06
2902	488244.42	3857218.98	1.09E-02	1.14E-02	9.73E-03	3.79E-06	1.14E-05	6.62E-06	6.93E-06	6.28E-06	2.87E-06	2.44E-06	1.27E-07	3.06E-06	6.74E-07	9.40E-07	1.49E-06	2.63E-07	1.28E-06	7.83E-06
2903	488294.42	3857218.98	1.08E-02	1.13E-02	9.66E-03	3.75E-06	1.13E-05	6.55E-06	6.85E-06	6.21E-06	2.83E-06	2.42E-06	1.25E-07	3.02E-06	6.67E-07	9.29E-07	1.47E-06	2.60E-07	1.27E-06	7.75E-06
2904	488294.42	3857268.98	1.08E-02	1.12E-02	9.73E-03	3.73E-06	1.13E-05	6.52E-06	6.80E-06	6.16E-06	2.81E-06	2.44E-06	1.25E-07	3.01E-06	6.64E-07	9.23E-07	1.46E-06	2.58E-07	1.28E-06	7.73E-06
2905	488139.13	3857111.68	1.15E-02	1.21E-02	9.87E-03	3.97E-06	1.20E-05	6.94E-06	7.32E-06	6.64E-06	3.03E-06	2.47E-06	1.33E-07	3.20E-06	7.07E-07	9.94E-07	1.58E-06	2.78E-07	1.30E-06	8.19E-06
2906	488189.13	3857111.68	1.13E-02	1.19E-02	9.81E-03	3.92E-06	1.18E-05	6.85E-06	7.22E-06	6.54E-06	2.98E-06	2.46E-06	1.31E-07	3.16E-06	6.98E-07	9.80E-07	1.55E-06	2.74E-07	1.29E-06	8.09E-06
2907	488189.13	3857161.68	1.12E-02	1.17E-02	9.78E-03	3.88E-06	1.17E-05	6.77E-06	7.11E-06	6.45E-06	2.94E-06	2.45E-06	1.29E-07	3.13E-06	6.90E-07	9.66E-07	1.53E-06	2.70E-07	1.29E-06	8.00E-06
2908	487951.04	3856961.26	1.28E-02	1.36E-02	1.04E-02	4.42E-06	1.34E-05	7.73E-06	8.24E-06	7.47E-06	3.41E-06	2.62E-06	1.48E-07	3.57E-06	7.87E-07	1.12E-06	1.78E-06	3.13E-07	1.37E-06	9.08E-06

2909	488001.04	3856961.26	1.25E-02	1.33E-02	1.03E-02	4.32E-06	1.30E-05	7.55E-06	8.03E-06	7.28E-06	3.32E-06	2.57E-06	1.44E-07	3.48E-06	7.68E-07	1.09E-06	1.73E-06	3.05E-07	1.35E-06	8.87E-06
2910	488051.04	3856961.26	1.21E-02	1.29E-02	1.00E-02	4.21E-06	1.27E-05	7.35E-06	7.82E-06	7.09E-06	3.23E-06	2.52E-06	1.40E-07	3.39E-06	7.49E-07	1.06E-06	1.68E-06	2.97E-07	1.32E-06	8.65E-06
2911	488101.04	3856961.26	1.19E-02	1.27E-02	9.95E-03	4.13E-06	1.25E-05	7.22E-06	7.67E-06	6.95E-06	3.17E-06	2.49E-06	1.38E-07	3.33E-06	7.35E-07	1.04E-06	1.65E-06	2.91E-07	1.31E-06	8.50E-06
2912	487951.04	3857011.26	1.27E-02	1.35E-02	1.05E-02	4.40E-06	1.33E-05	7.70E-06	8.19E-06	7.42E-06	3.39E-06	2.63E-06	1.47E-07	3.55E-06	7.84E-07	1.11E-06	1.76E-06	3.11E-07	1.38E-06	9.05E-06
2913	488001.04	3857011.26	1.24E-02	1.31E-02	1.03E-02	4.29E-06	1.29E-05	7.49E-06	7.96E-06	7.22E-06	3.29E-06	2.58E-06	1.43E-07	3.46E-06	7.63E-07	1.08E-06	1.72E-06	3.02E-07	1.35E-06	8.81E-06
2914	488051.04	3857011.26	1.21E-02	1.28E-02	1.01E-02	4.18E-06	1.26E-05	7.31E-06	7.76E-06	7.03E-06	3.21E-06	2.52E-06	1.40E-07	3.37E-06	7.44E-07	1.05E-06	1.67E-06	2.94E-07	1.32E-06	8.60E-06
2915	488101.04	3857011.26	1.19E-02	1.26E-02	9.98E-03	4.11E-06	1.24E-05	7.18E-06	7.61E-06	6.90E-06	3.15E-06	2.50E-06	1.37E-07	3.31E-06	7.31E-07	1.03E-06	1.64E-06	2.89E-07	1.31E-06	8.46E-06
2916	488001.04	3857061.26	1.23E-02	1.30E-02	1.03E-02	4.25E-06	1.28E-05	7.43E-06	7.87E-06	7.14E-06	3.26E-06	2.58E-06	1.42E-07	3.43E-06	7.56E-07	1.07E-06	1.70E-06	2.99E-07	1.35E-06	8.74E-06
2917	488051.04	3857061.26	1.20E-02	1.27E-02	1.01E-02	4.16E-06	1.26E-05	7.27E-06	7.69E-06	6.97E-06	3.18E-06	2.54E-06	1.39E-07	3.35E-06	7.40E-07	1.04E-06	1.66E-06	2.92E-07	1.33E-06	8.56E-06
2918	488101.04	3857061.26	1.18E-02	1.24E-02	1.00E-02	4.08E-06	1.23E-05	7.13E-06	7.54E-06	6.83E-06	3.12E-06	2.51E-06	1.36E-07	3.29E-06	7.26E-07	1.02E-06	1.62E-06	2.86E-07	1.31E-06	8.40E-06
2919	487638.98	3856673.79	1.39E-02	1.50E-02	1.07E-02	4.82E-06	1.46E-05	8.43E-06	9.10E-06	8.25E-06	3.76E-06	2.68E-06	1.61E-07	3.89E-06	8.58E-07	1.24E-06	1.96E-06	3.45E-07	1.41E-06	9.86E-06
2920	487688.98	3856673.79	1.36E-02	1.47E-02	1.05E-02	4.71E-06	1.42E-05	8.23E-06	8.88E-06	8.05E-06	3.67E-06	2.63E-06	1.57E-07	3.80E-06	8.38E-07	1.21E-06	1.91E-06	3.37E-07	1.38E-06	9.63E-06
2921	487638.98	3856723.79	1.43E-02	1.55E-02	1.10E-02	4.96E-06	1.50E-05	8.67E-06	9.37E-06	8.49E-06	3.88E-06	2.76E-06	1.66E-07	4.00E-06	8.83E-07	1.27E-06	2.02E-06	3.56E-07	1.45E-06	1.01E-05
2922	487688.98	3856723.79	1.39E-02	1.50E-02	1.08E-02	4.83E-06	1.46E-05	8.45E-06	9.12E-06	8.26E-06	3.77E-06	2.70E-06	1.61E-07	3.90E-06	8.60E-07	1.24E-06	1.96E-06	3.46E-07	1.42E-06	9.89E-06
2923	486324.61	3855740.57	1.12E-02	1.23E-02	7.90E-03	3.89E-06	1.18E-05	6.81E-06	7.48E-06	6.78E-06	3.09E-06	1.98E-06	1.30E-07	3.14E-06	6.93E-07	1.02E-06	1.61E-06	2.84E-07	1.04E-06	7.91E-06
2924	486374.61	3855740.57	1.06E-02	1.16E-02	7.49E-03	3.66E-06	1.11E-05	6.40E-06	7.02E-06	6.36E-06	2.90E-06	1.88E-06	1.22E-07	2.95E-06	6.52E-07	9.53E-07	1.51E-06	2.66E-07	9.85E-07	7.44E-06
2925	486424.61	3855740.57	1.02E-02	1.12E-02	7.27E-03	3.53E-06	1.07E-05	6.17E-06	6.76E-06	6.13E-06	2.80E-06	1.82E-06	1.18E-07	2.85E-06	6.29E-07	9.18E-07	1.46E-06	2.57E-07	9.56E-07	7.18E-06
2926	486324.61	3855790.57	1.19E-02	1.31E-02	8.35E-03	4.13E-06	1.25E-05	7.22E-06	7.93E-06	7.19E-06	3.28E-06	2.09E-06	1.38E-07	3.33E-06	7.35E-07	1.08E-06	1.71E-06	3.01E-07	1.10E-06	8.39E-06
2927	486374.61	3855790.57	1.12E-02	1.23E-02	7.94E-03	3.89E-06	1.18E-05	6.81E-06	7.47E-06	6.77E-06	3.09E-06	1.99E-06	1.30E-07	3.14E-06	6.93E-07	1.01E-06	1.61E-06	2.84E-07	1.04E-06	7.92E-06
2928	486424.61	3855790.57	1.09E-02	1.20E-02	7.77E-03	3.79E-06	1.14E-05	6.62E-06	7.26E-06	6.58E-06	3.00E-06	1.95E-06	1.26E-07	3.05E-06	6.74E-07	9.86E-07	1.56E-06	2.76E-07	1.02E-06	7.70E-06
2929	486324.61	3855840.57	1.26E-02	1.39E-02	8.80E-03	4.37E-06	1.32E-05	7.64E-06	8.41E-06	7.62E-06	3.48E-06	2.21E-06	1.46E-07	3.53E-06	7.78E-07	1.14E-06	1.81E-06	3.19E-07	1.16E-06	8.88E-06
2930	486374.61	3855840.57	1.22E-02	1.34E-02	8.56E-03	4.22E-06	1.28E-05	7.38E-06	8.11E-06	7.35E-06	3.36E-06	2.15E-06	1.41E-07	3.41E-06	7.52E-07	1.10E-06	1.75E-06	3.08E-07	1.13E-06	8.58E-06
2931	486424.61	3855840.57	1.17E-02	1.29E-02	8.28E-03	4.06E-06	1.23E-05	7.09E-06	7.79E-06	7.06E-06	3.22E-06	2.08E-06	1.36E-07	3.27E-06	7.22E-07	1.06E-06	1.68E-06	2.96E-07	1.09E-06	8.25E-06
2932	486324.61	3855890.57	1.37E-02	1.51E-02	9.50E-03	4.75E-06	1.43E-05	8.30E-06	9.14E-06	8.28E-06	3.78E-06	2.38E-06	1.58E-07	3.83E-06	8.45E-07	1.24E-06	1.97E-06	3.47E-07	1.25E-06	9.64E-06
2933	486374.61	3855890.57	1.31E-02	1.45E-02	9.19E-03	4.56E-06	1.38E-05	7.96E-06	8.76E-06	7.94E-06	3.62E-06	2.30E-06	1.52E-07	3.68E-06	8.11E-07	1.19E-06	1.89E-06	3.33E-07	1.21E-06	9.26E-06
2934	486424.61	3855890.57	1.26E-02	1.38E-02	8.85E-03	4.36E-06	1.32E-05	7.62E-06	8.37E-06	7.58E-06	3.46E-06	2.22E-06	1.46E-07	3.51E-06	7.76E-07	1.14E-06	1.80E-06	3.18E-07	1.16E-06	8.85E-06
2935	488735.69	3858285.64	1.61E-02	1.62E-02	1.65E-02	5.57E-06	1.68E-05	9.73E-06	9.79E-06	8.88E-06	4.05E-06	4.13E-06	1.86E-07	4.49E-06	9.91E-07	1.33E-06	2.11E-06	3.72E-07	2.17E-06	1.16E-05
2936	488765.69	3858285.64	1.59E-02	1.60E-02	1.63E-02	5.51E-06	1.66E-05	9.64E-06	9.70E-06	8.79E-06	4.01E-06	4.09E-06	1.84E-07	4.45E-06	9.81E-07	1.32E-06	2.09E-06	3.68E-07	2.14E-06	1.15E-05
2937	488735.69	3858315.64	1.61E-02	1.62E-02	1.65E-02	5.57E-06	1.68E-05	9.73E-06	9.79E-06	8.87E-06	4.05E-06	4.13E-06	1.86E-07	4.49E-06	9.91E-07	1.33E-06	2.11E-06	3.72E-07	2.17E-06	1.16E-05
2938	488765.69	3858315.64	1.59E-02	1.60E-02	1.63E-02	5.51E-06	1.66E-05	9.64E-06	9.70E-06	8.79E-06	4.01E-06	4.09E-06	1.84E-07	4.45E-06	9.81E-07	1.32E-06	2.09E-06	3.68E-07	2.15E-06	1.15E-05
2939	478676.63	3849871.93	3.16E-04	3.22E-04	3.09E-04	1.09E-07	3.30E-07	1.91E-07	1.95E-07	1.77E-07	8.08E-08	7.73E-08	3.65E-09	8.83E-08	1.95E-08	2.65E-08	4.21E-08	7.41E-09	4.06E-08	2.28E-07
2940	479326.63	3849871.93	2.86E-04	2.96E-04	2.67E-04	9.92E-08	3.00E-07	1.73E-07	1.79E-07	1.63E-07	7.41E-08	6.69E-08	3.31E-09	8.00E-08	1.77E-08	2.43E-08	3.86E-08	6.80E-09	3.51E-08	2.06E-07
2941	479376.63	3849871.93	2.84E-04	2.94E-04	2.64E-04	9.84E-08	2.97E-07	1.72E-07	1.78E-07	1.61E-07	7.36E-08	6.61E-08	3.29E-09	7.94E-08	1.75E-08	2.42E-08	3.83E-08	6.76E-09	3.47E-08	2.04E-07
2942	479426.63	3849871.93	2.83E-04	2.93E-04	2.62E-04	9.82E-08	2.96E-07	1.72E-07	1.78E-07	1.61E-07	7.35E-08	6.56E-08	3.28E-09	7.92E-08	1.75E-08	2.41E-08	3.83E-08	6.74E-09	3.44E-08	2.03E-07
2943	478726.63	3849921.93	3.21E-04	3.28E-04	3.14E-04	1.11E-07	3.36E-07	1.94E-07	1.98E-07	1.80E-07	8.21E-08	7.86E-08	3.71E-09	8.97E-08	1.98E-08	2.70E-08	4.28E-08	7.53E-09	4.13E-08	2.32E-07
2944	478776.63	3849921.93	3.20E-04	3.27E-04	3.12E-04	1.11E-07	3.35E-07	1.94E-07	1.98E-07	1.80E-07	8.19E-08	7.83E-08	3.71E-09	8.95E-08	1.97E-08	2.69E-08	4.27E-08	7.52E-09	4.11E-08	2.31E-07
2945	478826.63	3849921.93	3.19E-04	3.26E-04	3.10E-04	1.10E-07	3.33E-07	1.93E-07	1.97E-07	1.79E-07	8.16E-08	7.77E-08	3.69E-09	8.90E-08	1.96E-08	2.68E-08	4.25E-08	7.49E-09	4.08E-08	2.30E-07
2946	478976.63	3849921.93	3.14E-04	3.21E-04	3.03E-04	1.09E-07	3.28E-07	1.90E-07	1.95E-07	1.77E-07	8.05E-08	7.59E-08	3.63E-09	8.77E-08	1.94E-08	2.64E-08	4.19E-08	7.39E-09	3.98E-08	2.26E-07
2947	479026.63	3849921.93	3.15E-04	3.23E-04	3.04E-04	1.09E-07	3.30E-07	1.91E-07	1.96E-07	1.77E-07	8.10E-08	7.61E-08	3.65E-09	8.81E-08	1.94E-08	2.66E-08	4.22E-08	7.43E-09	3.99E-08	2.27E-07
2948	479076.63	3849921.93	3.14E-04	3.22E-04	3.01E-04	1.09E-07	3.29E-07	1.90E-07	1.95E-07	1.77E-07	8.08E-08	7.55E-08	3.64E-09	8.78E-08	1.94E-08	2.65E-08	4.21E-08	7.41E-09	3.96E-08	2.26E-07
2949	479126.63	3849921.93	3.12E-04	3.21E-04	2.98E-04	1.08E-07	3.27E-07	1.89E-07	1.94E-07	1.76E-07	8.03E-08	7.47E-08	3.61E-09	8.72E-08	1.93E-08	2.64E-08	4.18E-08	7.37E-09	3.92E-08	2.25E-07
2950	479176.63	3849921.93	3.12E-04	3.20E-04	2.97E-04	1.08E-07	3.26E-07	1.89E-07	1.94E-07	1.76E-07	8.03E-08	7.43E-08	3.61E-09	8.71E-08	1.92E-08	2.63E-08	4.18E-08	7.37E-09	3.90E-08	2.24E-07
2951	479226.63	3849921.93	3.04E-04	3.13E-04	2.88E-04	1.05E-07	3.18E-07	1.84E-07	1.90E-07	1.72E-07	7.85E-08	7.22E-08	3.52E-09	8.51E-08	1.88E-08	2.58E-08	4.09E-08	7.20E-09	3.79E-08	2.19E-07
2952	479276.63	3849921.93	2.94E-04	3.03E-04	2.76E-04	1.02E-07	3.07E-07	1.78E-07	1.83E-07	1.66E-07	7.58E-08	6.92E-08	3.40E-09	8.21E-08	1.81E-08	2.49E-08	3.95E-08	6.96E-09	3.63E-08	2.11E-07
2953	479326.63	3849921.93	3.02E-04	3.12E-04	2.84E-04	1.05E-07	3.16E-07	1.83E-07	1.89E-07	1.71E-07	7.81E-08	7.11E-08	3.49E-09	8.44E-08	1.86E-08	2.56E-08	4.06E-08	7.16E-09	3.73E-08	2.17E-07
2954	479376.63	3849921.93	2.91E-04	3.01E-04	2.71E-04	1.01E-07	3.04E-07	1.76E-07	1.82E-07	1.65E-07	7.53E-08	6.80E-08	3.37E-09	8.13E-08	1.79E-08	2.47E-08	3.92E-08	6.91E-09	3.57E-08	2.09E-07
2955	479426.63	3849921.93	2.95E-04	3.05E-04	2.75E-04	1.02E-07	3.09E-07	1.79E-07	1.85E-07	1.68E-07	7.65E-08	6.89E-08	3.42E-09	8.26E-08	1.82E-08	2.51E-08	3.99E-08	7.02E-09	3.61E-08	2.12E-07
2956	478726.63	3849971.93	3.27E-04	3.33E-04	3.20E-04	1.13E-07	3.42E-07	1.98E-07	2.02E-07	1.83E-07	8.35E-08	8.02E-08	3.78E-09	9.14E-08	2.02E-08	2.74E-08	4.35E-08	7.67E-09	4.21E-08	2.36E-07
2957	478776.63	3849971.93	3.26E-04	3.32E-04	3.18E-04	1.13E-07	3.41E-07	1.97E-07	2.01E-07	1.82E-07	8.33E-08	7.98E-08	3.77E-09	9.10E-08	2.01E-08	2.73E-08	4.34E-08	7.64E-09	4.19E-08	2.35E-07
2958	478826.63	3849971.93	3.24E-04	3.31E-04	3.16E-04	1.12E-07	3.39E-07	1.96E-07	2.01E-07	1.82E-07	8.29E-08	7.92E-08	3.75E-09	9.06E-08	2.00E-08	2.72E-08	4.32E-08	7.61E-09	4.16E-08	2.34E-07
2959	478976.63	3849971.93	3.24E-04	3.31E-04	3.14E-04	1.12E-07	3.39E-07	1.96E-07	2.01E-07	1.82E-07	8.30E-08	7.86E-08	3.75E-09	9.05E-08	2.00E-08	2.72E-08	4.32E-08	7.62E-09	4.13E-08	2.34E-07
2960	479026.63	3849971.93	3.22E-04	3.30E-04	3.11E-04	1.12E-07	3.37E-07	1.95E-07	2.00E-07	1.81E-07	8.26E-08	7.79E-08	3.73E-09	9.00E-08	1.99E-08	2.71E-08	4.30E-08	7.58E-09	4.09E-08	2.32E-07
2961	479076.63	3849971.93	3.20E-04	3.28E-04	3.08E-04	1.11E-07	3.35E-07	1.94E-07	1.99E-07	1.80E-07	8.22E-08	7.72E-08	3.70E-09	8.94E-08	1.97E-08	2.70E-08	4.28E-08	7.54E-09	4.05E-08	2.31E-07

2962	479126.63	3849971.93	3.19E-04	3.27E-04	3.06E-04	1.10E-07	3.33E-07	1.93E-07	1.98E-07	1.79E-07	8.19E-08	7.66E-08	3.69E-09	8.91E-08	1.97E-08	2.69E-08	4.26E-08	7.52E-09	4.02E-08	2.30E-07
2963	479176.63	3849971.93	3.17E-04	3.26E-04	3.03E-04	1.10E-07	3.32E-07	1.92E-07	1.97E-07	1.79E-07	8.16E-08	7.60E-08	3.67E-09	8.87E-08	1.96E-08	2.68E-08	4.25E-08	7.49E-09	3.99E-08	2.29E-07
2964	479226.63	3849971.93	3.02E-04	3.11E-04	2.87E-04	1.05E-07	3.16E-07	1.83E-07	1.88E-07	1.71E-07	7.79E-08	7.19E-08	3.50E-09	8.45E-08	1.86E-08	2.56E-08	4.06E-08	7.15E-09	3.77E-08	2.18E-07
2965	479276.63	3849971.93	3.09E-04	3.18E-04	2.93E-04	1.07E-07	3.24E-07	1.87E-07	1.93E-07	1.75E-07	7.98E-08	7.34E-08	3.58E-09	8.65E-08	1.91E-08	2.62E-08	4.15E-08	7.32E-09	3.85E-08	2.23E-07
2966	479326.63	3849971.93	3.14E-04	3.23E-04	2.96E-04	1.09E-07	3.28E-07	1.90E-07	1.96E-07	1.77E-07	8.09E-08	7.42E-08	3.63E-09	8.77E-08	1.93E-08	2.66E-08	4.21E-08	7.43E-09	3.90E-08	2.26E-07
2967	479376.63	3849971.93	3.02E-04	3.12E-04	2.84E-04	1.05E-07	3.16E-07	1.83E-07	1.89E-07	1.71E-07	7.82E-08	7.11E-08	3.50E-09	8.46E-08	1.87E-08	2.57E-08	4.07E-08	7.18E-09	3.73E-08	2.18E-07
2968	479426.63	3849971.93	3.03E-04	3.13E-04	2.83E-04	1.05E-07	3.17E-07	1.84E-07	1.90E-07	1.72E-07	7.85E-08	7.10E-08	3.51E-09	8.48E-08	1.87E-08	2.58E-08	4.09E-08	7.20E-09	3.73E-08	2.18E-07
2969	478726.63	3850021.93	3.33E-04	3.39E-04	3.26E-04	1.15E-07	3.48E-07	2.02E-07	2.06E-07	1.86E-07	8.50E-08	8.18E-08	3.85E-09	9.30E-08	2.05E-08	2.79E-08	4.43E-08	7.80E-09	4.29E-08	2.40E-07
2970	478776.63	3850021.93	3.31E-04	3.38E-04	3.25E-04	1.15E-07	3.47E-07	2.01E-07	2.05E-07	1.86E-07	8.47E-08	8.13E-08	3.83E-09	9.26E-08	2.04E-08	2.78E-08	4.41E-08	7.77E-09	4.27E-08	2.39E-07
2971	478826.63	3850021.93	3.30E-04	3.37E-04	3.23E-04	1.14E-07	3.45E-07	2.00E-07	2.04E-07	1.85E-07	8.44E-08	8.09E-08	3.82E-09	9.23E-08	2.04E-08	2.77E-08	4.40E-08	7.75E-09	4.25E-08	2.38E-07
2972	478976.63	3850021.93	3.30E-04	3.37E-04	3.20E-04	1.14E-07	3.45E-07	2.00E-07	2.04E-07	1.85E-07	8.45E-08	8.03E-08	3.82E-09	9.22E-08	2.03E-08	2.77E-08	4.40E-08	7.75E-09	4.21E-08	2.38E-07
2973	478726.63	3850071.93	3.39E-04	3.46E-04	3.33E-04	1.18E-07	3.55E-07	2.05E-07	2.09E-07	1.90E-07	8.66E-08	8.35E-08	3.93E-09	9.48E-08	2.09E-08	2.84E-08	4.51E-08	7.95E-09	4.38E-08	2.45E-07
2974	478776.63	3850071.93	3.38E-04	3.45E-04	3.32E-04	1.17E-07	3.54E-07	2.05E-07	2.09E-07	1.89E-07	8.64E-08	8.31E-08	3.91E-09	9.45E-08	2.08E-08	2.83E-08	4.50E-08	7.92E-09	4.36E-08	2.44E-07
2975	478826.63	3850071.93	3.37E-04	3.43E-04	3.30E-04	1.17E-07	3.52E-07	2.04E-07	2.08E-07	1.89E-07	8.60E-08	8.26E-08	3.89E-09	9.41E-08	2.08E-08	2.82E-08	4.48E-08	7.90E-09	4.34E-08	2.43E-07
2976	478876.63	3850071.93	3.36E-04	3.43E-04	3.29E-04	1.16E-07	3.52E-07	2.03E-07	2.08E-07	1.88E-07	8.59E-08	8.23E-08	3.89E-09	9.39E-08	2.07E-08	2.82E-08	4.47E-08	7.88E-09	4.32E-08	2.43E-07
2977	478976.63	3850071.93	3.36E-04	3.43E-04	3.27E-04	1.16E-07	3.51E-07	2.03E-07	2.08E-07	1.88E-07	8.60E-08	8.20E-08	3.89E-09	9.38E-08	2.07E-08	2.82E-08	4.48E-08	7.89E-09	4.30E-08	2.42E-07
2978	478726.63	3850121.93	3.45E-04	3.52E-04	3.40E-04	1.20E-07	3.61E-07	2.09E-07	2.13E-07	1.93E-07	8.82E-08	8.51E-08	4.00E-09	9.66E-08	2.13E-08	2.90E-08	4.59E-08	8.10E-09	4.47E-08	2.50E-07
2979	478776.63	3850121.93	3.44E-04	3.51E-04	3.38E-04	1.19E-07	3.60E-07	2.09E-07	2.13E-07	1.93E-07	8.80E-08	8.48E-08	3.99E-09	9.63E-08	2.12E-08	2.89E-08	4.58E-08	8.07E-09	4.45E-08	2.49E-07
2980	478826.63	3850121.93	3.43E-04	3.50E-04	3.37E-04	1.19E-07	3.59E-07	2.08E-07	2.12E-07	1.92E-07	8.77E-08	8.44E-08	3.97E-09	9.59E-08	2.12E-08	2.88E-08	4.57E-08	8.05E-09	4.43E-08	2.48E-07
2981	478876.63	3850121.93	3.42E-04	3.49E-04	3.35E-04	1.18E-07	3.58E-07	2.07E-07	2.11E-07	1.91E-07	8.74E-08	8.39E-08	3.96E-09	9.55E-08	2.11E-08	2.87E-08	4.55E-08	8.02E-09	4.40E-08	2.47E-07
2982	478976.63	3850121.93	3.42E-04	3.49E-04	3.34E-04	1.19E-07	3.58E-07	2.07E-07	2.12E-07	1.92E-07	8.75E-08	8.37E-08	3.96E-09	9.56E-08	2.11E-08	2.87E-08	4.56E-08	8.03E-09	4.39E-08	2.47E-07
2983	479026.63	3850121.93	3.42E-04	3.49E-04	3.33E-04	1.18E-07	3.58E-07	2.07E-07	2.11E-07	1.92E-07	8.75E-08	8.34E-08	3.95E-09	9.55E-08	2.11E-08	2.87E-08	4.55E-08	8.03E-09	4.38E-08	2.47E-07
2984	479076.63	3850121.93	3.41E-04	3.48E-04	3.31E-04	1.18E-07	3.56E-07	2.06E-07	2.11E-07	1.91E-07	8.72E-08	8.30E-08	3.94E-09	9.52E-08	2.10E-08	2.86E-08	4.54E-08	8.00E-09	4.35E-08	2.46E-07
2985	479126.63	3850121.93	3.40E-04	3.47E-04	3.29E-04	1.18E-07	3.55E-07	2.06E-07	2.10E-07	1.91E-07	8.70E-08	8.25E-08	3.93E-09	9.49E-08	2.09E-08	2.86E-08	4.53E-08	7.99E-09	4.33E-08	2.45E-07
2986	478776.63	3850171.93	3.51E-04	3.57E-04	3.45E-04	1.22E-07	3.67E-07	2.12E-07	2.17E-07	1.96E-07	8.96E-08	8.64E-08	4.06E-09	9.80E-08	2.16E-08	2.94E-08	4.66E-08	8.22E-09	4.53E-08	2.53E-07
2987	478826.63	3850171.93	3.49E-04	3.56E-04	3.43E-04	1.21E-07	3.66E-07	2.12E-07	2.16E-07	1.96E-07	8.92E-08	8.60E-08	4.04E-09	9.77E-08	2.15E-08	2.93E-08	4.65E-08	8.19E-09	4.51E-08	2.52E-07
2988	478876.63	3850171.93	3.48E-04	3.55E-04	3.42E-04	1.21E-07	3.64E-07	2.11E-07	2.15E-07	1.95E-07	8.90E-08	8.56E-08	4.03E-09	9.73E-08	2.15E-08	2.92E-08	4.63E-08	8.16E-09	4.49E-08	2.51E-07
2989	478976.63	3850171.93	3.48E-04	3.56E-04	3.41E-04	1.21E-07	3.64E-07	2.11E-07	2.15E-07	1.95E-07	8.91E-08	8.54E-08	4.03E-09	9.74E-08	2.15E-08	2.92E-08	4.64E-08	8.17E-09	4.48E-08	2.52E-07
2990	479026.63	3850171.93	3.49E-04	3.56E-04	3.41E-04	1.21E-07	3.65E-07	2.11E-07	2.16E-07	1.96E-07	8.92E-08	8.54E-08	4.04E-09	9.75E-08	2.15E-08	2.93E-08	4.65E-08	8.19E-09	4.48E-08	2.52E-07
2991	479076.63	3850171.93	3.48E-04	3.55E-04	3.39E-04	1.20E-07	3.64E-07	2.11E-07	2.15E-07	1.95E-07	8.90E-08	8.49E-08	4.02E-09	9.71E-08	2.14E-08	2.92E-08	4.63E-08	8.16E-09	4.46E-08	2.51E-07
2992	479126.63	3850171.93	3.47E-04	3.54E-04	3.37E-04	1.20E-07	3.63E-07	2.10E-07	2.15E-07	1.95E-07	8.88E-08	8.45E-08	4.01E-09	9.69E-08	2.14E-08	2.91E-08	4.62E-08	8.15E-09	4.43E-08	2.50E-07
2993	479176.63	3850171.93	3.47E-04	3.55E-04	3.37E-04	1.20E-07	3.63E-07	2.10E-07	2.15E-07	1.95E-07	8.89E-08	8.44E-08	4.02E-09	9.70E-08	2.14E-08	2.92E-08	4.63E-08	8.16E-09	4.43E-08	2.50E-07
2994	479226.63	3850171.93	3.50E-04	3.58E-04	3.39E-04	1.21E-07	3.66E-07	2.12E-07	2.17E-07	1.96E-07	8.97E-08	8.48E-08	4.05E-09	9.77E-08	2.16E-08	2.94E-08	4.67E-08	8.23E-09	4.45E-08	2.52E-07
2995	479276.63	3850171.93	3.52E-04	3.61E-04	3.40E-04	1.22E-07	3.69E-07	2.13E-07	2.19E-07	1.98E-07	9.04E-08	8.53E-08	4.08E-09	9.85E-08	2.17E-08	2.97E-08	4.71E-08	8.30E-09	4.48E-08	2.54E-07
2996	479326.63	3850171.93	3.49E-04	3.58E-04	3.36E-04	1.21E-07	3.66E-07	2.12E-07	2.17E-07	1.97E-07	8.98E-08	8.43E-08	4.04E-09	9.77E-08	2.16E-08	2.95E-08	4.67E-08	8.24E-09	4.42E-08	2.52E-07
2997	479376.63	3850171.93	3.47E-04	3.56E-04	3.32E-04	1.20E-07	3.63E-07	2.10E-07	2.15E-07	1.95E-07	8.91E-08	8.33E-08	4.01E-09	9.69E-08	2.14E-08	2.92E-08	4.64E-08	8.18E-09	4.37E-08	2.50E-07
2998	478676.63	3850221.93	3.57E-04	3.64E-04	3.51E-04	1.24E-07	3.73E-07	2.16E-07	2.20E-07	2.00E-07	9.11E-08	8.81E-08	4.13E-09	9.98E-08	2.20E-08	2.99E-08	4.74E-08	8.36E-09	4.62E-08	2.58E-07
2999	478726.63	3850221.93	3.57E-04	3.64E-04	3.52E-04	1.24E-07	3.74E-07	2.16E-07	2.21E-07	2.00E-07	9.12E-08	8.82E-08	4.14E-09	9.99E-08	2.20E-08	2.99E-08	4.75E-08	8.37E-09	4.63E-08	2.58E-07
3000	478976.63	3850221.93	3.55E-04	3.62E-04	3.48E-04	1.23E-07	3.72E-07	2.15E-07	2.20E-07	1.99E-07	9.08E-08	8.72E-08	4.11E-09	9.93E-08	2.19E-08	2.98E-08	4.73E-08	8.33E-09	4.58E-08	2.57E-07
3001	479026.63	3850221.93	3.56E-04	3.63E-04	3.48E-04	1.23E-07	3.72E-07	2.15E-07	2.20E-07	1.99E-07	9.09E-08	8.72E-08	4.11E-09	9.94E-08	2.19E-08	2.98E-08	4.73E-08	8.34E-09	4.58E-08	2.57E-07
3002	479076.63	3850221.93	3.54E-04	3.62E-04	3.46E-04	1.23E-07	3.71E-07	2.15E-07	2.19E-07	1.99E-07	9.07E-08	8.68E-08	4.10E-09	9.91E-08	2.19E-08	2.98E-08	4.72E-08	8.32E-09	4.55E-08	2.56E-07
3003	479126.63	3850221.93	3.54E-04	3.62E-04	3.45E-04	1.23E-07	3.71E-07	2.14E-07	2.19E-07	1.99E-07	9.06E-08	8.65E-08	4.10E-09	9.90E-08	2.18E-08	2.98E-08	4.72E-08	8.32E-09	4.54E-08	2.56E-07
3004	479176.63	3850221.93	3.55E-04	3.63E-04	3.46E-04	1.23E-07	3.72E-07	2.15E-07	2.20E-07	1.99E-07	9.10E-08	8.66E-08	4.11E-09	9.93E-08	2.19E-08	2.99E-08	4.74E-08	8.35E-09	4.55E-08	2.56E-07
3005	479226.63	3850221.93	3.57E-04	3.65E-04	3.46E-04	1.24E-07	3.73E-07	2.16E-07	2.21E-07	2.00E-07	9.14E-08	8.68E-08	4.13E-09	9.97E-08	2.20E-08	3.00E-08	4.76E-08	8.39E-09	4.56E-08	2.57E-07
3006	479276.63	3850221.93	3.58E-04	3.66E-04	3.47E-04	1.24E-07	3.75E-07	2.17E-07	2.22E-07	2.01E-07	9.18E-08	8.69E-08	4.14E-09	1.00E-07	2.21E-08	3.01E-08	4.78E-08	8.43E-09	4.56E-08	2.58E-07
3007	479326.63	3850221.93	3.55E-04	3.64E-04	3.43E-04	1.23E-07	3.72E-07	2.15E-07	2.21E-07	2.00E-07	9.12E-08	8.60E-08	4.11E-09	9.94E-08	2.19E-08	2.99E-08	4.75E-08	8.37E-09	4.51E-08	2.56E-07
3008	479376.63	3850221.93	3.54E-04	3.63E-04	3.41E-04	1.23E-07	3.70E-07	2.14E-07	2.20E-07	1.99E-07	9.09E-08	8.54E-08	4.10E-09	9.89E-08	2.18E-08	2.98E-08	4.73E-08	8.34E-09	4.48E-08	2.55E-07
3009	478676.63	3850271.93	3.62E-04	3.69E-04	3.57E-04	1.26E-07	3.79E-07	2.20E-07	2.24E-07	2.03E-07	9.25E-08	8.94E-08	4.19E-09	1.01E-07	2.24E-08	3.04E-08	4.82E-08	8.49E-09	4.69E-08	2.62E-07
3010	478726.63	3850271.93	3.63E-04	3.70E-04	3.58E-04	1.26E-07	3.80E-07	2.20E-07	2.24E-07	2.03E-07	9.27E-08	8.96E-08	4.20E-09	1.01E-07	2.24E-08	3.04E-08	4.83E-08	8.51E-09	4.70E-08	2.62E-07
3011	478976.63	3850271.93	3.61E-04	3.68E-04	3.55E-04	1.25E-07	3.78E-07	2.19E-07	2.23E-07	2.02E-07	9.23E-08	8.88E-08	4.18E-09	1.01E-07	2.23E-08	3.03E-08	4.81E-08	8.47E-09	4.66E-08	2.61E-07
3012	479026.63	3850271.93	3.62E-04	3.69E-04	3.55E-04	1.25E-07	3.79E-07	2.19E-07	2.24E-07	2.03E-07	9.26E-08	8.90E-08	4.19E-09	1.01E-07	2.23E-08	3.04E-08	4.82E-08	8.49E-09	4.67E-08	2.62E-07
3013	479076.63	3850271.93	3.62E-04	3.69E-04	3.54E-04	1.25E-07	3.79E-07	2.19E-07	2.24E-07	2.03E-07	9.25E-08	8.87E-08	4.19E-09	1.01E-07	2.23E-08	3.04E-08	4.82E-08	8.49E-09	4.66E-08	2.61E-07
3014	479126.63	3850271.93	3.62E-04	3.69E-04	3.53E-04	1.25E-07	3.78E-07	2.19E-07	2.24E-07	2.03E-07	9.25E-08	8.86E-08	4.19E-09	1.01E-07	2.23E-08	3.04E-08	4.82E-08	8.49E-09	4.65E-08	2.61E-07

3015	479176.63	3850271.93	3.62E-04	3.70E-04	3.53E-04	1.26E-07	3.79E-07	2.19E-07	2.24E-07	2.03E-07	9.27E-08	8.86E-08	4.19E-09	1.01E-07	2.23E-08	3.04E-08	4.83E-08	8.51E-09	4.65E-08	2.61E-07
3016	479226.63	3850271.93	3.63E-04	3.71E-04	3.54E-04	1.26E-07	3.80E-07	2.20E-07	2.25E-07	2.04E-07	9.31E-08	8.87E-08	4.21E-09	1.02E-07	2.24E-08	3.05E-08	4.85E-08	8.54E-09	4.65E-08	2.62E-07
3017	479276.63	3850271.93	3.63E-04	3.72E-04	3.53E-04	1.26E-07	3.80E-07	2.20E-07	2.25E-07	2.04E-07	9.31E-08	8.84E-08	4.20E-09	1.02E-07	2.24E-08	3.06E-08	4.85E-08	8.54E-09	4.64E-08	2.62E-07
3018	479326.63	3850271.93	3.61E-04	3.70E-04	3.50E-04	1.25E-07	3.78E-07	2.19E-07	2.24E-07	2.03E-07	9.27E-08	8.78E-08	4.18E-09	1.01E-07	2.23E-08	3.04E-08	4.83E-08	8.51E-09	4.61E-08	2.61E-07
3019	479376.63	3850271.93	3.58E-04	3.67E-04	3.46E-04	1.24E-07	3.75E-07	2.17E-07	2.22E-07	2.01E-07	9.19E-08	8.66E-08	4.14E-09	1.00E-07	2.21E-08	3.02E-08	4.78E-08	8.43E-09	4.55E-08	2.58E-07
3020	479053.24	3850293.52	3.65E-04	3.73E-04	3.58E-04	1.27E-07	3.82E-07	2.21E-07	2.26E-07	2.05E-07	9.34E-08	8.97E-08	4.23E-09	1.02E-07	2.25E-08	3.07E-08	4.86E-08	8.57E-09	4.71E-08	2.64E-07
3021	479103.24	3850293.52	3.65E-04	3.73E-04	3.58E-04	1.27E-07	3.82E-07	2.21E-07	2.26E-07	2.05E-07	9.34E-08	8.96E-08	4.23E-09	1.02E-07	2.25E-08	3.07E-08	4.86E-08	8.57E-09	4.70E-08	2.64E-07
3022	479153.24	3850293.52	3.65E-04	3.73E-04	3.57E-04	1.26E-07	3.82E-07	2.21E-07	2.26E-07	2.05E-07	9.33E-08	8.93E-08	4.22E-09	1.02E-07	2.25E-08	3.06E-08	4.86E-08	8.57E-09	4.69E-08	2.63E-07
3023	479203.24	3850293.52	3.66E-04	3.74E-04	3.57E-04	1.27E-07	3.83E-07	2.22E-07	2.26E-07	2.05E-07	9.37E-08	8.94E-08	4.23E-09	1.02E-07	2.26E-08	3.07E-08	4.88E-08	8.59E-09	4.69E-08	2.64E-07
3024	479253.24	3850293.52	3.66E-04	3.74E-04	3.57E-04	1.27E-07	3.83E-07	2.22E-07	2.27E-07	2.06E-07	9.38E-08	8.94E-08	4.24E-09	1.02E-07	2.26E-08	3.08E-08	4.88E-08	8.61E-09	4.69E-08	2.64E-07
3025	479303.24	3850293.52	3.65E-04	3.73E-04	3.54E-04	1.26E-07	3.82E-07	2.21E-07	2.26E-07	2.05E-07	9.35E-08	8.87E-08	4.22E-09	1.02E-07	2.25E-08	3.07E-08	4.87E-08	8.58E-09	4.66E-08	2.63E-07
3026	479353.24	3850293.52	3.62E-04	3.71E-04	3.51E-04	1.25E-07	3.79E-07	2.19E-07	2.24E-07	2.03E-07	9.28E-08	8.78E-08	4.19E-09	1.01E-07	2.23E-08	3.05E-08	4.83E-08	8.52E-09	4.61E-08	2.61E-07
3027	479153.24	3850343.52	3.72E-04	3.80E-04	3.65E-04	1.29E-07	3.90E-07	2.26E-07	2.30E-07	2.09E-07	9.52E-08	9.13E-08	4.31E-09	1.04E-07	2.30E-08	3.13E-08	4.96E-08	8.74E-09	4.79E-08	2.69E-07
3028	479203.24	3850343.52	3.74E-04	3.82E-04	3.65E-04	1.29E-07	3.91E-07	2.26E-07	2.31E-07	2.10E-07	9.56E-08	9.14E-08	4.32E-09	1.04E-07	2.30E-08	3.14E-08	4.98E-08	8.77E-09	4.80E-08	2.70E-07
3029	479253.24	3850343.52	3.72E-04	3.80E-04	3.63E-04	1.29E-07	3.89E-07	2.25E-07	2.30E-07	2.09E-07	9.52E-08	9.09E-08	4.30E-09	1.04E-07	2.29E-08	3.12E-08	4.96E-08	8.73E-09	4.77E-08	2.68E-07
3030	479303.24	3850343.52	3.70E-04	3.78E-04	3.60E-04	1.28E-07	3.87E-07	2.24E-07	2.29E-07	2.08E-07	9.48E-08	9.03E-08	4.28E-09	1.03E-07	2.28E-08	3.11E-08	4.93E-08	8.70E-09	4.74E-08	2.67E-07
3031	479353.24	3850343.52	3.67E-04	3.76E-04	3.57E-04	1.27E-07	3.85E-07	2.23E-07	2.28E-07	2.06E-07	9.42E-08	8.94E-08	4.25E-09	1.03E-07	2.27E-08	3.09E-08	4.90E-08	8.64E-09	4.69E-08	2.65E-07
3032	479203.24	3850393.52	3.80E-04	3.88E-04	3.71E-04	1.32E-07	3.97E-07	2.30E-07	2.35E-07	2.13E-07	9.71E-08	9.31E-08	4.39E-09	1.06E-07	2.34E-08	3.19E-08	5.06E-08	8.91E-09	4.88E-08	2.74E-07
3033	479253.24	3850393.52	3.79E-04	3.87E-04	3.70E-04	1.31E-07	3.96E-07	2.29E-07	2.34E-07	2.12E-07	9.69E-08	9.26E-08	4.38E-09	1.06E-07	2.34E-08	3.18E-08	5.04E-08	8.89E-09	4.86E-08	2.73E-07
3034	479303.24	3850393.52	3.77E-04	3.85E-04	3.67E-04	1.31E-07	3.95E-07	2.28E-07	2.33E-07	2.12E-07	9.65E-08	9.21E-08	4.36E-09	1.05E-07	2.33E-08	3.17E-08	5.03E-08	8.86E-09	4.83E-08	2.72E-07
3035	479353.24	3850393.52	3.74E-04	3.82E-04	3.64E-04	1.30E-07	3.91E-07	2.26E-07	2.31E-07	2.10E-07	9.58E-08	9.12E-08	4.33E-09	1.05E-07	2.31E-08	3.14E-08	4.99E-08	8.79E-09	4.79E-08	2.70E-07
3036	479403.24	3850393.52	3.72E-04	3.80E-04	3.61E-04	1.29E-07	3.89E-07	2.25E-07	2.30E-07	2.09E-07	9.53E-08	9.04E-08	4.30E-09	1.04E-07	2.29E-08	3.13E-08	4.96E-08	8.74E-09	4.74E-08	2.68E-07
3037	479453.24	3850393.52	3.68E-04	3.76E-04	3.56E-04	1.27E-07	3.85E-07	2.23E-07	2.28E-07	2.07E-07	9.43E-08	8.92E-08	4.25E-09	1.03E-07	2.27E-08	3.10E-08	4.91E-08	8.65E-09	4.68E-08	2.65E-07
3038	479503.24	3850393.52	3.63E-04	3.72E-04	3.50E-04	1.26E-07	3.80E-07	2.20E-07	2.26E-07	2.04E-07	9.33E-08	8.78E-08	4.20E-09	1.02E-07	2.24E-08	3.06E-08	4.86E-08	8.56E-09	4.61E-08	2.62E-07
3039	479303.24	3850443.52	3.82E-04	3.91E-04	3.73E-04	1.33E-07	4.00E-07	2.32E-07	2.37E-07	2.14E-07	9.78E-08	9.35E-08	4.42E-09	1.07E-07	2.36E-08	3.21E-08	5.09E-08	8.98E-09	4.91E-08	2.76E-07
3040	479353.24	3850443.52	3.79E-04	3.87E-04	3.69E-04	1.31E-07	3.96E-07	2.29E-07	2.34E-07	2.12E-07	9.70E-08	9.26E-08	4.38E-09	1.06E-07	2.34E-08	3.18E-08	5.05E-08	8.90E-09	4.86E-08	2.73E-07
3041	479403.24	3850443.52	3.75E-04	3.83E-04	3.65E-04	1.30E-07	3.92E-07	2.27E-07	2.32E-07	2.11E-07	9.61E-08	9.14E-08	4.34E-09	1.05E-07	2.31E-08	3.15E-08	5.00E-08	8.82E-09	4.80E-08	2.71E-07
3042	479453.24	3850443.52	3.72E-04	3.80E-04	3.61E-04	1.29E-07	3.89E-07	2.25E-07	2.30E-07	2.09E-07	9.53E-08	9.03E-08	4.30E-09	1.04E-07	2.29E-08	3.13E-08	4.96E-08	8.74E-09	4.74E-08	2.68E-07
3043	479503.24	3850443.52	3.67E-04	3.76E-04	3.55E-04	1.27E-07	3.84E-07	2.23E-07	2.28E-07	2.07E-07	9.43E-08	8.90E-08	4.25E-09	1.03E-07	2.27E-08	3.09E-08	4.91E-08	8.65E-09	4.67E-08	2.65E-07
3044	480327.18	3850987.04	4.38E-04	4.50E-04	4.17E-04	1.52E-07	4.58E-07	2.65E-07	2.72E-07	2.47E-07	1.13E-07	1.05E-07	5.06E-09	1.22E-07	2.70E-08	3.70E-08	5.87E-08	1.03E-08	5.48E-08	3.15E-07
3045	480377.18	3850987.04	4.37E-04	4.49E-04	4.15E-04	1.51E-07	4.57E-07	2.64E-07	2.72E-07	2.47E-07	1.13E-07	1.04E-07	5.05E-09	1.22E-07	2.69E-08	3.69E-08	5.86E-08	1.03E-08	5.45E-08	3.14E-07
3046	480427.18	3850987.04	4.35E-04	4.48E-04	4.11E-04	1.51E-07	4.55E-07	2.63E-07	2.71E-07	2.46E-07	1.12E-07	1.03E-07	5.03E-09	1.21E-07	2.68E-08	3.68E-08	5.84E-08	1.03E-08	5.41E-08	3.13E-07
3047	480477.18	3850987.04	4.32E-04	4.45E-04	4.08E-04	1.50E-07	4.52E-07	2.62E-07	2.70E-07	2.44E-07	1.12E-07	1.02E-07	5.00E-09	1.21E-07	2.66E-08	3.66E-08	5.81E-08	1.02E-08	5.36E-08	3.11E-07
3048	480327.18	3851037.04	4.45E-04	4.57E-04	4.25E-04	1.54E-07	4.65E-07	2.69E-07	2.77E-07	2.51E-07	1.14E-07	1.07E-07	5.14E-09	1.24E-07	2.74E-08	3.75E-08	5.96E-08	1.05E-08	5.59E-08	3.20E-07
3049	480377.18	3851037.04	4.43E-04	4.56E-04	4.23E-04	1.54E-07	4.64E-07	2.69E-07	2.76E-07	2.50E-07	1.14E-07	1.06E-07	5.13E-09	1.24E-07	2.73E-08	3.75E-08	5.95E-08	1.05E-08	5.56E-08	3.19E-07
3050	480427.18	3851037.04	4.41E-04	4.54E-04	4.19E-04	1.53E-07	4.62E-07	2.67E-07	2.75E-07	2.49E-07	1.14E-07	1.05E-07	5.11E-09	1.23E-07	2.72E-08	3.74E-08	5.93E-08	1.04E-08	5.51E-08	3.18E-07
3051	480477.18	3851037.04	4.41E-04	4.54E-04	4.17E-04	1.53E-07	4.61E-07	2.67E-07	2.75E-07	2.49E-07	1.14E-07	1.05E-07	5.10E-09	1.23E-07	2.72E-08	3.73E-08	5.92E-08	1.04E-08	5.49E-08	3.17E-07
3052	480622.06	3851087.39	4.47E-04	4.61E-04	4.21E-04	1.55E-07	4.68E-07	2.71E-07	2.79E-07	2.53E-07	1.16E-07	1.05E-07	5.17E-09	1.25E-07	2.76E-08	3.79E-08	6.01E-08	1.06E-08	5.53E-08	3.22E-07
3053	480672.06	3851087.39	4.47E-04	4.61E-04	4.20E-04	1.55E-07	4.68E-07	2.71E-07	2.79E-07	2.53E-07	1.16E-07	1.05E-07	5.17E-09	1.25E-07	2.76E-08	3.79E-08	6.02E-08	1.06E-08	5.52E-08	3.22E-07
3054	480622.06	3851137.39	4.56E-04	4.70E-04	4.31E-04	1.58E-07	4.77E-07	2.76E-07	2.85E-07	2.58E-07	1.18E-07	1.08E-07	5.28E-09	1.27E-07	2.81E-08	3.86E-08	6.13E-08	1.08E-08	5.66E-08	3.28E-07
3055	480672.06	3851137.39	4.56E-04	4.70E-04	4.29E-04	1.58E-07	4.77E-07	2.76E-07	2.85E-07	2.58E-07	1.18E-07	1.08E-07	5.27E-09	1.27E-07	2.81E-08	3.87E-08	6.13E-08	1.08E-08	5.65E-08	3.28E-07
3056	480722.06	3851137.39	4.56E-04	4.71E-04	4.29E-04	1.58E-07	4.77E-07	2.76E-07	2.85E-07	2.58E-07	1.18E-07	1.07E-07	5.28E-09	1.27E-07	2.81E-08	3.87E-08	6.14E-08	1.08E-08	5.63E-08	3.28E-07
3057	480622.06	3851187.39	4.64E-04	4.78E-04	4.40E-04	1.61E-07	4.86E-07	2.81E-07	2.90E-07	2.63E-07	1.20E-07	1.10E-07	5.37E-09	1.30E-07	2.86E-08	3.93E-08	6.24E-08	1.10E-08	5.79E-08	3.34E-07
3058	480672.06	3851187.39	4.65E-04	4.79E-04	4.39E-04	1.61E-07	4.86E-07	2.82E-07	2.90E-07	2.63E-07	1.20E-07	1.10E-07	5.38E-09	1.30E-07	2.87E-08	3.94E-08	6.25E-08	1.10E-08	5.78E-08	3.35E-07
3059	480722.06	3851187.39	4.66E-04	4.80E-04	4.39E-04	1.61E-07	4.87E-07	2.82E-07	2.91E-07	2.64E-07	1.20E-07	1.10E-07	5.39E-09	1.30E-07	2.87E-08	3.95E-08	6.26E-08	1.10E-08	5.77E-08	3.35E-07
3060	471363.09	3845877.25	8.63E-05	8.86E-05	8.24E-05	2.99E-08	9.03E-08	5.23E-08	5.36E-08	4.86E-08	2.22E-08	2.06E-08	9.99E-10	2.41E-08	5.32E-09	7.28E-09	1.16E-08	2.04E-09	1.08E-08	6.22E-08
3061	471863.09	3845877.25	8.34E-05	8.56E-05	7.97E-05	2.89E-08	8.73E-08	5.06E-08	5.18E-08	4.70E-08	2.14E-08	2.00E-08	9.66E-10	2.33E-08	5.15E-09	7.04E-09	1.12E-08	1.97E-09	1.05E-08	6.01E-08
3062	472363.09	3845877.25	9.09E-05	9.32E-05	8.70E-05	3.15E-08	9.51E-08	5.51E-08	5.65E-08	5.12E-08	2.34E-08	2.18E-08	1.05E-09	2.54E-08	5.61E-09	7.67E-09	1.22E-08	2.14E-09	1.14E-08	6.55E-08
3063	472863.09	3845877.25	8.39E-05	8.59E-05	8.08E-05	2.91E-08	8.78E-08	5.09E-08	5.20E-08	4.72E-08	2.15E-08	2.02E-08	9.71E-10	2.35E-08	5.18E-09	7.07E-09	1.12E-08	1.98E-09	1.06E-08	6.05E-08
3064	473363.09	3845877.25	9.07E-05	9.26E-05	8.84E-05	3.14E-08	9.49E-08	5.50E-08	5.61E-08	5.08E-08	2.32E-08	2.21E-08	1.05E-09	2.54E-08	5.60E-09	7.62E-09	1.21E-08	2.13E-09	1.16E-08	6.55E-08
3065	473863.09	3845877.25	9.86E-05	1.01E-04	9.63E-05	3.42E-08	1.03E-07	5.97E-08	6.09E-08	5.52E-08	2.52E-08	2.41E-08	1.14E-09	2.76E-08	6.08E-09	8.27E-09	1.31E-08	2.31E-09	1.27E-08	7.11E-08
3066	474363.09	3845877.25	1.11E-04	1.13E-04	1.08E-04	3.83E-08	1.16E-07	6.70E-08	6.83E-08	6.19E-08	2.83E-08	2.70E-08	1.28E-09	3.09E-08	6.82E-09	9.28E-09	1.47E-08	2.59E-09	1.42E-08	7.98E-08
3067	474863.09	3845877.25	1.19E-04	1.22E-04	1.15E-04	4.13E-08	1.25E-07	7.22E-08	7.38E-08	6.69E-08	3.05E-08	2.89E-08	1.38E-09	3.33E-08	7.35E-09	1.00E-08	1.59E-08	2.80E-09	1.51E-08	8.59E-08

3068	475363.09	3845877.25	1.28E-04	1.32E-04	1.21E-04	4.44E-08	1.34E-07	7.75E-08	7.99E-08	7.24E-08	3.30E-08	3.02E-08	1.48E-09	3.58E-08	7.89E-09	1.08E-08	1.72E-08	3.03E-09	1.59E-08	9.21E-08
3069	475863.09	3845877.25	1.25E-04	1.29E-04	1.17E-04	4.34E-08	1.31E-07	7.59E-08	7.83E-08	7.10E-08	3.24E-08	2.93E-08	1.45E-09	3.50E-08	7.73E-09	1.06E-08	1.69E-08	2.97E-09	1.54E-08	9.01E-08
3070	476363.09	3845877.25	1.14E-04	1.18E-04	1.06E-04	3.95E-08	1.19E-07	6.91E-08	7.13E-08	6.47E-08	2.95E-08	2.66E-08	1.32E-09	3.19E-08	7.03E-09	9.68E-09	1.54E-08	2.71E-09	1.40E-08	8.20E-08
3071	476863.09	3845877.25	1.05E-04	1.09E-04	9.75E-05	3.64E-08	1.10E-07	6.37E-08	6.58E-08	5.96E-08	2.72E-08	2.44E-08	1.22E-09	2.94E-08	6.48E-09	8.93E-09	1.42E-08	2.50E-09	1.28E-08	7.55E-08
3072	477363.09	3845877.25	9.82E-05	1.01E-04	9.35E-05	3.40E-08	1.03E-07	5.95E-08	6.10E-08	5.53E-08	2.52E-08	2.34E-08	1.14E-09	2.74E-08	6.05E-09	8.28E-09	1.31E-08	2.32E-09	1.23E-08	7.07E-08
3073	477863.09	3845877.25	9.23E-05	9.45E-05	8.85E-05	3.20E-08	9.65E-08	5.59E-08	5.72E-08	5.19E-08	2.37E-08	2.22E-08	1.07E-09	2.58E-08	5.69E-09	7.77E-09	1.23E-08	2.17E-09	1.16E-08	6.65E-08
3074	478363.09	3845877.25	9.06E-05	9.30E-05	8.62E-05	3.14E-08	9.48E-08	5.49E-08	5.63E-08	5.11E-08	2.33E-08	2.16E-08	1.05E-09	2.53E-08	5.59E-09	7.65E-09	1.21E-08	2.14E-09	1.13E-08	6.52E-08
3075	478863.09	3845877.25	8.38E-05	8.59E-05	8.01E-05	2.90E-08	8.77E-08	5.08E-08	5.20E-08	4.71E-08	2.15E-08	2.01E-08	9.70E-10	2.34E-08	5.17E-09	7.06E-09	1.12E-08	1.97E-09	1.05E-08	6.03E-08
3076	479363.09	3845877.25	8.20E-05	8.40E-05	7.87E-05	2.84E-08	8.59E-08	4.97E-08	5.09E-08	4.61E-08	2.11E-08	1.97E-08	9.49E-10	2.29E-08	5.06E-09	6.91E-09	1.10E-08	1.93E-09	1.03E-08	5.91E-08
3077	479863.09	3845877.25	8.10E-05	8.30E-05	7.75E-05	2.81E-08	8.48E-08	4.91E-08	5.03E-08	4.56E-08	2.08E-08	1.94E-08	9.38E-10	2.27E-08	5.00E-09	6.83E-09	1.08E-08	1.91E-09	1.02E-08	5.84E-08
3078	480363.09	3845877.25	7.65E-05	7.83E-05	7.36E-05	2.65E-08	8.01E-08	4.63E-08	4.74E-08	4.30E-08	1.96E-08	1.84E-08	8.85E-10	2.14E-08	4.72E-09	6.44E-09	1.02E-08	1.80E-09	9.68E-09	5.51E-08
3079	480863.09	3845877.25	7.15E-05	7.30E-05	6.91E-05	2.48E-08	7.48E-08	4.33E-08	4.42E-08	4.01E-08	1.83E-08	1.73E-08	8.27E-10	2.00E-08	4.41E-09	6.01E-09	9.53E-09	1.68E-09	9.09E-09	5.15E-08
3080	481363.09	3845877.25	6.84E-05	6.97E-05	6.65E-05	2.37E-08	7.15E-08	4.14E-08	4.22E-08	3.83E-08	1.75E-08	1.67E-08	7.91E-10	1.91E-08	4.22E-09	5.73E-09	9.09E-09	1.60E-09	8.74E-09	4.93E-08
3081	481863.09	3845877.25	6.63E-05	6.75E-05	6.46E-05	2.30E-08	6.94E-08	4.02E-08	4.09E-08	3.71E-08	1.69E-08	1.62E-08	7.67E-10	1.85E-08	4.09E-09	5.56E-09	8.81E-09	1.55E-09	8.49E-09	4.78E-08
3082	482363.09	3845877.25	6.45E-05	6.57E-05	6.29E-05	2.24E-08	6.75E-08	3.91E-08	3.98E-08	3.61E-08	1.65E-08	1.57E-08	7.46E-10	1.80E-08	3.98E-09	5.40E-09	8.57E-09	1.51E-09	8.27E-09	4.65E-08
3083	482863.09	3845877.25	5.96E-05	6.05E-05	5.85E-05	2.06E-08	6.23E-08	3.61E-08	3.67E-08	3.32E-08	1.52E-08	1.46E-08	6.90E-10	1.67E-08	3.68E-09	4.98E-09	7.90E-09	1.39E-09	7.69E-09	4.30E-08
3084	483363.09	3845877.25	5.71E-05	5.80E-05	5.61E-05	1.98E-08	5.98E-08	3.46E-08	3.51E-08	3.18E-08	1.45E-08	1.41E-08	6.61E-10	1.60E-08	3.52E-09	4.77E-09	7.56E-09	1.33E-09	7.38E-09	4.12E-08
3085	483863.09	3845877.25	6.21E-05	6.31E-05	6.08E-05	2.15E-08	6.50E-08	3.76E-08	3.82E-08	3.47E-08	1.58E-08	1.52E-08	7.19E-10	1.74E-08	3.83E-09	5.19E-09	8.23E-09	1.45E-09	8.00E-09	4.48E-08
3086	484363.09	3845877.25	6.23E-05	6.33E-05	6.11E-05	2.16E-08	6.52E-08	3.78E-08	3.84E-08	3.48E-08	1.59E-08	1.53E-08	7.22E-10	1.74E-08	3.85E-09	5.21E-09	8.26E-09	1.46E-09	8.04E-09	4.50E-08
3087	484863.09	3845877.25	6.07E-05	6.16E-05	5.95E-05	2.10E-08	6.35E-08	3.68E-08	3.73E-08	3.38E-08	1.54E-08	1.49E-08	7.02E-10	1.70E-08	3.74E-09	5.07E-09	8.04E-09	1.42E-09	7.82E-09	4.38E-08
3088	485363.09	3845877.25	5.76E-05	5.85E-05	5.65E-05	2.00E-08	6.02E-08	3.49E-08	3.54E-08	3.21E-08	1.46E-08	1.41E-08	6.66E-10	1.61E-08	3.55E-09	4.81E-09	7.63E-09	1.34E-09	7.42E-09	4.15E-08
3089	485863.09	3845877.25	5.53E-05	5.61E-05	5.43E-05	1.92E-08	5.78E-08	3.35E-08	3.40E-08	3.08E-08	1.41E-08	1.36E-08	6.40E-10	1.55E-08	3.41E-09	4.62E-09	7.32E-09	1.29E-09	7.14E-09	3.99E-08
3090	486363.09	3845877.25	5.38E-05	5.47E-05	5.29E-05	1.87E-08	5.63E-08	3.26E-08	3.31E-08	3.00E-08	1.37E-08	1.33E-08	6.23E-10	1.50E-08	3.32E-09	4.49E-09	7.13E-09	1.26E-09	6.96E-09	3.88E-08
3091	486863.09	3845877.25	5.10E-05	5.17E-05	5.02E-05	1.77E-08	5.34E-08	3.09E-08	3.13E-08	2.84E-08	1.30E-08	1.26E-08	5.90E-10	1.43E-08	3.14E-09	4.25E-09	6.75E-09	1.19E-09	6.61E-09	3.68E-08
3092	487363.09	3845877.25	4.89E-05	4.96E-05	4.82E-05	1.69E-08	5.12E-08	2.96E-08	3.01E-08	2.73E-08	1.24E-08	1.21E-08	5.66E-10	1.37E-08	3.02E-09	4.08E-09	6.48E-09	1.14E-09	6.33E-09	3.53E-08
3093	487863.09	3845877.25	4.70E-05	4.77E-05	4.63E-05	1.63E-08	4.92E-08	2.85E-08	2.89E-08	2.62E-08	1.19E-08	1.16E-08	5.44E-10	1.31E-08	2.90E-09	3.92E-09	6.22E-09	1.10E-09	6.08E-09	3.39E-08
3094	488363.09	3845877.25	4.67E-05	4.74E-05	4.60E-05	1.62E-08	4.89E-08	2.83E-08	2.87E-08	2.60E-08	1.19E-08	1.15E-08	5.41E-10	1.31E-08	2.88E-09	3.90E-09	6.19E-09	1.09E-09	6.05E-09	3.37E-08
3095	488863.09	3845877.25	5.13E-05	5.21E-05	5.05E-05	1.78E-08	5.37E-08	3.11E-08	3.15E-08	2.86E-08	1.30E-08	1.27E-08	5.94E-10	1.43E-08	3.17E-09	4.28E-09	6.79E-09	1.20E-09	6.64E-09	3.70E-08
3096	489363.09	3845877.25	5.13E-05	5.21E-05	5.05E-05	1.78E-08	5.37E-08	3.11E-08	3.16E-08	2.86E-08	1.31E-08	1.27E-08	5.94E-10	1.44E-08	3.17E-09	4.28E-09	6.80E-09	1.20E-09	6.64E-09	3.70E-08
3097	489863.09	3845877.25	5.13E-05	5.20E-05	5.04E-05	1.78E-08	5.36E-08	3.10E-08	3.15E-08	2.85E-08	1.30E-08	1.26E-08	5.93E-10	1.43E-08	3.16E-09	4.28E-09	6.78E-09	1.20E-09	6.63E-09	3.70E-08
3098	490363.09	3845877.25	4.91E-05	4.98E-05	4.84E-05	1.70E-08	5.14E-08	2.97E-08	3.02E-08	2.73E-08	1.25E-08	1.21E-08	5.68E-10	1.37E-08	3.03E-09	4.09E-09	6.49E-09	1.14E-09	6.36E-09	3.54E-08
3099	490863.09	3845877.25	4.59E-05	4.66E-05	4.53E-05	1.59E-08	4.81E-08	2.78E-08	2.82E-08	2.56E-08	1.17E-08	1.13E-08	5.32E-10	1.28E-08	2.83E-09	3.83E-09	6.08E-09	1.07E-09	5.96E-09	3.31E-08
3100	491363.09	3845877.25	4.85E-05	4.92E-05	4.78E-05	1.68E-08	5.07E-08	2.94E-08	2.98E-08	2.70E-08	1.23E-08	1.20E-08	5.61E-10	1.36E-08	2.99E-09	4.04E-09	6.42E-09	1.13E-09	6.29E-09	3.50E-08
3101	491863.09	3845877.25	5.09E-05	5.16E-05	5.01E-05	1.76E-08	5.32E-08	3.08E-08	3.12E-08	2.83E-08	1.29E-08	1.26E-08	5.89E-10	1.42E-08	3.14E-09	4.24E-09	6.73E-09	1.19E-09	6.59E-09	3.67E-08
3102	492363.09	3845877.25	4.97E-05	5.04E-05	4.89E-05	1.72E-08	5.20E-08	3.01E-08	3.06E-08	2.77E-08	1.26E-08	1.23E-08	5.75E-10	1.39E-08	3.07E-09	4.15E-09	6.58E-09	1.16E-09	6.43E-09	3.59E-08
3103	492863.09	3845877.25	5.48E-05	5.56E-05	5.38E-05	1.90E-08	5.73E-08	3.32E-08	3.37E-08	3.05E-08	1.39E-08	1.35E-08	6.34E-10	1.53E-08	3.38E-09	4.57E-09	7.25E-09	1.28E-09	7.08E-09	3.95E-08
3104	493363.09	3845877.25	5.66E-05	5.75E-05	5.55E-05	1.96E-08	5.92E-08	3.43E-08	3.48E-08	3.16E-08	1.44E-08	1.39E-08	6.55E-10	1.58E-08	3.49E-09	4.73E-09	7.50E-09	1.32E-09	7.30E-09	4.08E-08
3105	493863.09	3845877.25	5.81E-05	5.91E-05	5.70E-05	2.02E-08	6.08E-08	3.52E-08	3.58E-08	3.24E-08	1.48E-08	1.43E-08	6.73E-10	1.63E-08	3.59E-09	4.86E-09	7.71E-09	1.36E-09	7.49E-09	4.19E-08
3106	494363.09	3845877.25	5.94E-05	6.04E-05	5.81E-05	2.06E-08	6.22E-08	3.60E-08	3.66E-08	3.32E-08	1.51E-08	1.45E-08	6.88E-10	1.66E-08	3.67E-09	4.97E-09	7.89E-09	1.39E-09	7.63E-09	4.28E-08
3107	494863.09	3845877.25	6.06E-05	6.16E-05	5.91E-05	2.10E-08	6.34E-08	3.67E-08	3.73E-08	3.38E-08	1.54E-08	1.48E-08	7.01E-10	1.69E-08	3.73E-09	5.07E-09	8.04E-09	1.42E-09	7.77E-09	4.37E-08
3108	495363.09	3845877.25	6.38E-05	6.49E-05	6.22E-05	2.21E-08	6.67E-08	3.86E-08	3.93E-08	3.56E-08	1.63E-08	1.56E-08	7.38E-10	1.78E-08	3.93E-09	5.34E-09	8.46E-09	1.49E-09	8.18E-09	4.60E-08
3109	495863.09	3845877.25	6.66E-05	6.78E-05	6.50E-05	2.31E-08	6.97E-08	4.04E-08	4.11E-08	3.72E-08	1.70E-08	1.63E-08	7.71E-10	1.86E-08	4.11E-09	5.58E-09	8.85E-09	1.56E-09	8.54E-09	4.80E-08
3110	496363.09	3845877.25	6.97E-05	7.10E-05	6.80E-05	2.42E-08	7.30E-08	4.22E-08	4.30E-08	3.90E-08	1.78E-08	1.70E-08	8.07E-10	1.95E-08	4.30E-09	5.84E-09	9.26E-09	1.63E-09	8.95E-09	5.03E-08
3111	496863.09	3845877.25	7.33E-05	7.46E-05	7.16E-05	2.54E-08	7.67E-08	4.44E-08	4.52E-08	4.09E-08	1.87E-08	1.79E-08	8.48E-10	2.05E-08	4.52E-09	6.13E-09	9.73E-09	1.71E-09	9.41E-09	5.28E-08
3112	497363.09	3845877.25	7.71E-05	7.85E-05	7.53E-05	2.67E-08	8.07E-08	4.67E-08	4.75E-08	4.31E-08	1.97E-08	1.89E-08	8.93E-10	2.16E-08	4.76E-09	6.45E-09	1.02E-08	1.80E-09	9.90E-09	5.56E-08
3113	497863.09	3845877.25	8.16E-05	8.30E-05	7.96E-05	2.83E-08	8.53E-08	4.94E-08	5.03E-08	4.56E-08	2.08E-08	1.99E-08	9.44E-10	2.28E-08	5.03E-09	6.82E-09	1.08E-08	1.91E-09	1.05E-08	5.88E-08
3114	498363.09	3845877.25	8.62E-05	8.77E-05	8.41E-05	2.99E-08	9.02E-08	5.22E-08	5.31E-08	4.82E-08	2.20E-08	2.11E-08	9.98E-10	2.41E-08	5.32E-09	7.21E-09	1.14E-08	2.02E-09	1.11E-08	6.22E-08
3115	471363.09	3846377.25	1.30E-04	1.34E-04	1.26E-04	4.52E-08	1.37E-07	7.90E-08	8.09E-08	7.34E-08	3.35E-08	3.15E-08	1.51E-09	3.65E-08	8.05E-09	1.10E-08	1.74E-08	3.07E-09	1.65E-08	9.40E-08
3116	471863.09	3846377.25	1.15E-04	1.18E-04	1.10E-04	4.00E-08	1.21E-07	6.99E-08	7.17E-08	6.50E-08	2.97E-08	2.76E-08	1.34E-09	3.23E-08	7.12E-09	9.74E-09	1.54E-08	2.72E-09	1.45E-08	8.31E-08
3117	472363.09	3846377.25	8.85E-05	9.08E-05	8.43E-05	3.07E-08	9.26E-08	5.36E-08	5.50E-08	4.98E-08	2.27E-08	2.11E-08	1.02E-09	2.47E-08	5.46E-09	7.47E-09	1.18E-08	2.09E-09	1.11E-08	6.37E-08
3118	472863.09	3846377.25	9.08E-05	9.31E-05	8.68E-05	3.15E-08	9.50E-08	5.50E-08	5.64E-08	5.11E-08	2.33E-08	2.17E-08	1.05E-09	2.54E-08	5.60E-09	7.66E-09	1.22E-08	2.14E-09	1.14E-08	6.54E-08
3119	473363.09	3846377.25	9.48E-05	9.72E-05	9.11E-05	3.29E-08	9.93E-08	5.75E-08	5.89E-08	5.34E-08	2.43E-08	2.28E-08	1.10E-09	2.65E-08	5.85E-09	7.99E-09	1.27E-08	2.23E-09	1.20E-08	6.83E-08
3120	473863.09	3846377.25	1.07E-04	1.09E-04	1.04E-04	3.70E-08	1.12E-07	6.47E-08	6.61E-08	5.99E-08	2.73E-08	2.60E-08	1.24E-09	2.99E-08	6.59E-09	8.97E-09	1.42E-08	2.51E-09	1.37E-08	7.71E-08

3121	474363.09	3846377.25	1.18E-04	1.20E-04	1.16E-04	4.09E-08	1.24E-07	7.15E-08	7.29E-08	6.61E-08	3.02E-08	2.89E-08	1.37E-09	3.30E-08	7.28E-09	9.90E-09	1.57E-08	2.77E-09	1.52E-08	8.52E-08
3122	474863.09	3846377.25	1.30E-04	1.32E-04	1.27E-04	4.49E-08	1.36E-07	7.86E-08	8.02E-08	7.27E-08	3.32E-08	3.17E-08	1.50E-09	3.63E-08	8.00E-09	1.09E-08	1.73E-08	3.04E-09	1.67E-08	9.36E-08
3123	475363.09	3846377.25	1.35E-04	1.38E-04	1.31E-04	4.68E-08	1.41E-07	8.19E-08	8.38E-08	7.60E-08	3.47E-08	3.27E-08	1.56E-09	3.78E-08	8.34E-09	1.14E-08	1.80E-08	3.18E-09	1.72E-08	9.75E-08
3124	475863.09	3846377.25	1.44E-04	1.48E-04	1.35E-04	4.98E-08	1.50E-07	8.70E-08	8.96E-08	8.12E-08	3.71E-08	3.38E-08	1.66E-09	4.01E-08	8.86E-09	1.22E-08	1.93E-08	3.40E-09	1.78E-08	1.03E-07
3125	476363.09	3846377.25	1.35E-04	1.39E-04	1.26E-04	4.67E-08	1.41E-07	8.16E-08	8.43E-08	7.64E-08	3.49E-08	3.15E-08	1.56E-09	3.77E-08	8.31E-09	1.14E-08	1.81E-08	3.20E-09	1.65E-08	9.68E-08
3126	476863.09	3846377.25	1.21E-04	1.25E-04	1.12E-04	4.20E-08	1.27E-07	7.34E-08	7.59E-08	6.88E-08	3.14E-08	2.82E-08	1.40E-09	3.39E-08	7.48E-09	1.03E-08	1.64E-08	2.88E-09	1.48E-08	8.71E-08
3127	477363.09	3846377.25	1.14E-04	1.18E-04	1.06E-04	3.95E-08	1.19E-07	6.90E-08	7.13E-08	6.47E-08	2.95E-08	2.65E-08	1.32E-09	3.19E-08	7.03E-09	9.69E-09	1.54E-08	2.71E-09	1.39E-08	8.19E-08
3128	477863.09	3846377.25	1.04E-04	1.07E-04	9.94E-05	3.61E-08	1.09E-07	6.30E-08	6.47E-08	5.86E-08	2.67E-08	2.49E-08	1.20E-09	2.91E-08	6.42E-09	8.78E-09	1.39E-08	2.45E-09	1.31E-08	7.49E-08
3129	478363.09	3846377.25	1.00E-04	1.03E-04	9.59E-05	3.48E-08	1.05E-07	6.08E-08	6.23E-08	5.65E-08	2.58E-08	2.40E-08	1.16E-09	2.81E-08	6.19E-09	8.46E-09	1.34E-08	2.37E-09	1.26E-08	7.23E-08
3130	478863.09	3846377.25	9.83E-05	1.01E-04	9.33E-05	3.41E-08	1.03E-07	5.96E-08	6.12E-08	5.55E-08	2.53E-08	2.34E-08	1.14E-09	2.75E-08	6.07E-09	8.31E-09	1.32E-08	2.32E-09	1.23E-08	7.08E-08
3131	479363.09	3846377.25	9.17E-05	9.40E-05	8.75E-05	3.18E-08	9.59E-08	5.55E-08	5.69E-08	5.16E-08	2.35E-08	2.19E-08	1.06E-09	2.56E-08	5.65E-09	7.73E-09	1.23E-08	2.16E-09	1.15E-08	6.60E-08
3132	479863.09	3846377.25	8.70E-05	8.92E-05	8.32E-05	3.01E-08	9.10E-08	5.27E-08	5.40E-08	4.90E-08	2.23E-08	2.08E-08	1.01E-09	2.43E-08	5.37E-09	7.33E-09	1.16E-08	2.05E-09	1.09E-08	6.26E-08
3133	480363.09	3846377.25	8.87E-05	9.09E-05	8.46E-05	3.07E-08	9.28E-08	5.37E-08	5.51E-08	4.99E-08	2.28E-08	2.12E-08	1.03E-09	2.48E-08	5.47E-09	7.48E-09	1.19E-08	2.09E-09	1.11E-08	6.38E-08
3134	480863.09	3846377.25	8.01E-05	8.19E-05	7.71E-05	2.78E-08	8.38E-08	4.85E-08	4.96E-08	4.50E-08	2.05E-08	1.93E-08	9.27E-10	2.24E-08	4.94E-09	6.74E-09	1.07E-08	1.88E-09	1.01E-08	5.77E-08
3135	481363.09	3846377.25	7.60E-05	7.76E-05	7.34E-05	2.63E-08	7.95E-08	4.60E-08	4.70E-08	4.26E-08	1.94E-08	1.84E-08	8.79E-10	2.12E-08	4.69E-09	6.38E-09	1.01E-08	1.78E-09	9.65E-09	5.47E-08
3136	481863.09	3846377.25	7.26E-05	7.40E-05	7.06E-05	2.52E-08	7.59E-08	4.40E-08	4.48E-08	4.06E-08	1.85E-08	1.77E-08	8.40E-10	2.03E-08	4.48E-09	6.08E-09	9.65E-09	1.70E-09	9.28E-09	5.23E-08
3137	482363.09	3846377.25	6.94E-05	7.07E-05	6.75E-05	2.41E-08	7.26E-08	4.20E-08	4.28E-08	3.88E-08	1.77E-08	1.69E-08	8.03E-10	1.94E-08	4.28E-09	5.82E-09	9.23E-09	1.63E-09	8.88E-09	5.00E-08
3138	482863.09	3846377.25	6.51E-05	6.63E-05	6.37E-05	2.26E-08	6.82E-08	3.95E-08	4.01E-08	3.64E-08	1.66E-08	1.60E-08	7.54E-10	1.82E-08	4.02E-09	5.45E-09	8.64E-09	1.52E-09	8.38E-09	4.70E-08
3139	483363.09	3846377.25	6.65E-05	6.76E-05	6.50E-05	2.30E-08	6.96E-08	4.03E-08	4.10E-08	3.71E-08	1.69E-08	1.63E-08	7.70E-10	1.86E-08	4.10E-09	5.56E-09	8.82E-09	1.56E-09	8.54E-09	4.79E-08
3140	483863.09	3846377.25	6.69E-05	6.80E-05	6.54E-05	2.32E-08	7.00E-08	4.05E-08	4.12E-08	3.74E-08	1.70E-08	1.64E-08	7.74E-10	1.87E-08	4.13E-09	5.59E-09	8.87E-09	1.56E-09	8.60E-09	4.82E-08
3141	484363.09	3846377.25	6.51E-05	6.61E-05	6.38E-05	2.25E-08	6.81E-08	3.94E-08	4.00E-08	3.63E-08	1.66E-08	1.60E-08	7.53E-10	1.82E-08	4.01E-09	5.43E-09	8.62E-09	1.52E-09	8.38E-09	4.69E-08
3142	484863.09	3846377.25	6.69E-05	6.80E-05	6.55E-05	2.32E-08	7.00E-08	4.06E-08	4.12E-08	3.74E-08	1.70E-08	1.64E-08	7.75E-10	1.87E-08	4.13E-09	5.59E-09	8.88E-09	1.56E-09	8.61E-09	4.83E-08
3143	485363.09	3846377.25	6.51E-05	6.62E-05	6.37E-05	2.26E-08	6.81E-08	3.94E-08	4.01E-08	3.63E-08	1.66E-08	1.60E-08	7.53E-10	1.82E-08	4.02E-09	5.44E-09	8.63E-09	1.52E-09	8.37E-09	4.69E-08
3144	485863.09	3846377.25	6.01E-05	6.10E-05	5.89E-05	2.08E-08	6.29E-08	3.64E-08	3.70E-08	3.35E-08	1.53E-08	1.48E-08	6.95E-10	1.68E-08	3.71E-09	5.02E-09	7.96E-09	1.40E-09	7.75E-09	4.33E-08
3145	486363.09	3846377.25	5.51E-05	5.59E-05	5.43E-05	1.91E-08	5.77E-08	3.34E-08	3.39E-08	3.07E-08	1.40E-08	1.36E-08	6.38E-10	1.54E-08	3.40E-09	4.60E-09	7.30E-09	1.29E-09	7.14E-09	3.98E-08
3146	486863.09	3846377.25	5.30E-05	5.37E-05	5.22E-05	1.84E-08	5.54E-08	3.21E-08	3.26E-08	2.95E-08	1.35E-08	1.31E-08	6.13E-10	1.48E-08	3.27E-09	4.42E-09	7.01E-09	1.24E-09	6.87E-09	3.82E-08
3147	487363.09	3846377.25	5.17E-05	5.25E-05	5.09E-05	1.79E-08	5.41E-08	3.13E-08	3.18E-08	2.88E-08	1.32E-08	1.27E-08	5.98E-10	1.45E-08	3.19E-09	4.32E-09	6.85E-09	1.21E-09	6.69E-09	3.73E-08
3148	487863.09	3846377.25	5.34E-05	5.43E-05	5.25E-05	1.85E-08	5.59E-08	3.24E-08	3.29E-08	2.98E-08	1.36E-08	1.31E-08	6.18E-10	1.49E-08	3.30E-09	4.46E-09	7.08E-09	1.25E-09	6.90E-09	3.85E-08
3149	488363.09	3846377.25	5.43E-05	5.51E-05	5.33E-05	1.88E-08	5.68E-08	3.29E-08	3.34E-08	3.02E-08	1.38E-08	1.34E-08	6.28E-10	1.52E-08	3.35E-09	4.53E-09	7.19E-09	1.27E-09	7.01E-09	3.91E-08
3150	488863.09	3846377.25	5.52E-05	5.60E-05	5.43E-05	1.91E-08	5.78E-08	3.35E-08	3.39E-08	3.08E-08	1.40E-08	1.36E-08	6.39E-10	1.54E-08	3.41E-09	4.61E-09	7.31E-09	1.29E-09	7.14E-09	3.98E-08
3151	489363.09	3846377.25	5.60E-05	5.68E-05	5.50E-05	1.94E-08	5.86E-08	3.39E-08	3.44E-08	3.12E-08	1.42E-08	1.38E-08	6.48E-10	1.56E-08	3.45E-09	4.67E-09	7.41E-09	1.31E-09	7.24E-09	4.04E-08
3152	489863.09	3846377.25	5.55E-05	5.63E-05	5.46E-05	1.92E-08	5.81E-08	3.36E-08	3.41E-08	3.09E-08	1.41E-08	1.37E-08	6.42E-10	1.55E-08	3.42E-09	4.63E-09	7.34E-09	1.29E-09	7.18E-09	4.00E-08
3153	490363.09	3846377.25	5.10E-05	5.17E-05	5.02E-05	1.77E-08	5.33E-08	3.09E-08	3.13E-08	2.84E-08	1.29E-08	1.26E-08	5.90E-10	1.42E-08	3.14E-09	4.25E-09	6.74E-09	1.19E-09	6.60E-09	3.68E-08
3154	490863.09	3846377.25	5.01E-05	5.08E-05	4.94E-05	1.74E-08	5.24E-08	3.03E-08	3.08E-08	2.79E-08	1.27E-08	1.24E-08	5.80E-10	1.40E-08	3.09E-09	4.18E-09	6.63E-09	1.17E-09	6.49E-09	3.61E-08
3155	491363.09	3846377.25	5.07E-05	5.14E-05	4.99E-05	1.76E-08	5.30E-08	3.07E-08	3.11E-08	2.82E-08	1.29E-08	1.25E-08	5.86E-10	1.42E-08	3.12E-09	4.23E-09	6.70E-09	1.18E-09	6.57E-09	3.65E-08
3156	491863.09	3846377.25	5.56E-05	5.64E-05	5.47E-05	1.93E-08	5.82E-08	3.37E-08	3.42E-08	3.10E-08	1.41E-08	1.37E-08	6.43E-10	1.55E-08	3.43E-09	4.64E-09	7.36E-09	1.30E-09	7.19E-09	4.01E-08
3157	492363.09	3846377.25	5.65E-05	5.74E-05	5.56E-05	1.96E-08	5.92E-08	3.42E-08	3.48E-08	3.15E-08	1.44E-08	1.39E-08	6.54E-10	1.58E-08	3.49E-09	4.72E-09	7.49E-09	1.32E-09	7.31E-09	4.08E-08
3158	492863.09	3846377.25	5.78E-05	5.87E-05	5.68E-05	2.00E-08	6.05E-08	3.50E-08	3.56E-08	3.22E-08	1.47E-08	1.42E-08	6.69E-10	1.62E-08	3.57E-09	4.83E-09	7.66E-09	1.35E-09	7.47E-09	4.17E-08
3159	493363.09	3846377.25	6.04E-05	6.14E-05	5.92E-05	2.09E-08	6.32E-08	3.66E-08	3.72E-08	3.37E-08	1.54E-08	1.48E-08	6.99E-10	1.69E-08	3.73E-09	5.05E-09	8.01E-09	1.41E-09	7.79E-09	4.36E-08
3160	493863.09	3846377.25	6.20E-05	6.30E-05	6.06E-05	2.15E-08	6.49E-08	3.76E-08	3.82E-08	3.46E-08	1.58E-08	1.52E-08	7.18E-10	1.73E-08	3.82E-09	5.18E-09	8.23E-09	1.45E-09	7.97E-09	4.47E-08
3161	494363.09	3846377.25	6.35E-05	6.47E-05	6.20E-05	2.20E-08	6.65E-08	3.85E-08	3.92E-08	3.55E-08	1.62E-08	1.55E-08	7.35E-10	1.78E-08	3.92E-09	5.32E-09	8.44E-09	1.49E-09	8.15E-09	4.58E-08
3162	494863.09	3846377.25	6.65E-05	6.77E-05	6.48E-05	2.30E-08	6.96E-08	4.03E-08	4.10E-08	3.72E-08	1.70E-08	1.62E-08	7.70E-10	1.86E-08	4.10E-09	5.57E-09	8.83E-09	1.56E-09	8.52E-09	4.79E-08
3163	495363.09	3846377.25	6.93E-05	7.06E-05	6.76E-05	2.40E-08	7.26E-08	4.20E-08	4.28E-08	3.88E-08	1.77E-08	1.69E-08	8.02E-10	1.94E-08	4.28E-09	5.80E-09	9.21E-09	1.62E-09	8.89E-09	5.00E-08
3164	495863.09	3846377.25	7.30E-05	7.43E-05	7.12E-05	2.53E-08	7.64E-08	4.42E-08	4.50E-08	4.08E-08	1.86E-08	1.78E-08	8.45E-10	2.04E-08	4.50E-09	6.11E-09	9.70E-09	1.71E-09	9.37E-09	5.27E-08
3165	496363.09	3846377.25	7.73E-05	7.86E-05	7.54E-05	2.68E-08	8.08E-08	4.68E-08	4.76E-08	4.32E-08	1.97E-08	1.89E-08	8.94E-10	2.16E-08	4.77E-09	6.47E-09	1.03E-08	1.81E-09	9.92E-09	5.57E-08
3166	496863.09	3846377.25	8.20E-05	8.34E-05	8.00E-05	2.84E-08	8.58E-08	4.97E-08	5.05E-08	4.58E-08	2.09E-08	2.00E-08	9.49E-10	2.29E-08	5.06E-09	6.86E-09	1.09E-08	1.92E-09	1.05E-08	5.91E-08
3167	497363.09	3846377.25	8.74E-05	8.89E-05	8.52E-05	3.03E-08	9.14E-08	5.29E-08	5.39E-08	4.88E-08	2.23E-08	2.14E-08	1.01E-09	2.44E-08	5.39E-09	7.32E-09	1.16E-08	2.05E-09	1.12E-08	6.30E-08
3168	497863.09	3846377.25	9.25E-05	9.42E-05	9.02E-05	3.21E-08	9.68E-08	5.60E-08	5.70E-08	5.17E-08	2.36E-08	2.26E-08	1.07E-09	2.59E-08	5.71E-09	7.74E-09	1.23E-08	2.17E-09	1.19E-08	6.67E-08
3169	498363.09	3846377.25	9.78E-05	9.95E-05	9.53E-05	3.39E-08	1.02E-07	5.92E-08	6.03E-08	5.46E-08	2.49E-08	2.39E-08	1.13E-09	2.73E-08	6.03E-09	8.18E-09	1.30E-08	2.29E-09	1.25E-08	7.05E-08
3170	471363.09	3846877.25	1.47E-04	1.51E-04	1.42E-04	5.11E-08	1.54E-07	8.93E-08	9.15E-08	8.29E-08	3.78E-08	3.56E-08	1.71E-09	4.12E-08	9.09E-09	1.24E-08	1.97E-08	3.47E-09	1.87E-08	1.06E-07
3171	471863.09	3846877.25	1.44E-04	1.47E-04	1.39E-04	4.99E-08	1.51E-07	8.72E-08	8.93E-08	8.10E-08	3.69E-08	3.47E-08	1.67E-09	4.02E-08	8.88E-09	1.21E-08	1.92E-08	3.39E-09	1.82E-08	1.04E-07
3172	472363.09	3846877.25	1.32E-04	1.35E-04	1.26E-04	4.57E-08	1.38E-07	7.99E-08	8.19E-08	7.43E-08	3.39E-08	3.17E-08	1.53E-09	3.69E-08	8.13E-09	1.11E-08	1.76E-08	3.11E-09	1.66E-08	9.50E-08
3173	472863.09	3846877.25	9.33E-05	9.58E-05	8.88E-05	3.23E-08	9.76E-08	5.65E-08	5.80E-08	5.26E-08	2.40E-08	2.22E-08	1.08E-09	2.61E-08	5.75E-09	7.88E-09	1.25E-08	2.20E-09	1.17E-08	6.72E-08

3174	473363.09	3846877.25	1.00E-04	1.03E-04	9.57E-05	3.48E-08	1.05E-07	6.09E-08	6.25E-08	5.66E-08	2.58E-08	2.40E-08	1.16E-09	2.81E-08	6.20E-09	8.48E-09	1.35E-08	2.37E-09	1.26E-08	7.23E-08
3175	473863.09	3846877.25	1.13E-04	1.16E-04	1.09E-04	3.93E-08	1.19E-07	6.86E-08	7.04E-08	6.38E-08	2.91E-08	2.72E-08	1.31E-09	3.17E-08	6.99E-09	9.55E-09	1.52E-08	2.67E-09	1.43E-08	8.16E-08
3176	474363.09	3846877.25	1.22E-04	1.25E-04	1.19E-04	4.24E-08	1.28E-07	7.41E-08	7.57E-08	6.86E-08	3.13E-08	2.98E-08	1.42E-09	3.42E-08	7.54E-09	1.03E-08	1.63E-08	2.87E-09	1.56E-08	8.82E-08
3177	474863.09	3846877.25	1.32E-04	1.34E-04	1.29E-04	4.57E-08	1.38E-07	7.99E-08	8.14E-08	7.38E-08	3.37E-08	3.23E-08	1.53E-09	3.69E-08	8.13E-09	1.11E-08	1.75E-08	3.09E-09	1.70E-08	9.52E-08
3178	475363.09	3846877.25	1.36E-04	1.38E-04	1.32E-04	4.70E-08	1.42E-07	8.22E-08	8.39E-08	7.60E-08	3.47E-08	3.32E-08	1.57E-09	3.79E-08	8.37E-09	1.14E-08	1.81E-08	3.18E-09	1.74E-08	9.79E-08
3179	475863.09	3846877.25	1.48E-04	1.52E-04	1.43E-04	5.13E-08	1.55E-07	8.97E-08	9.18E-08	8.32E-08	3.80E-08	3.58E-08	1.71E-09	4.14E-08	9.13E-09	1.25E-08	1.98E-08	3.48E-09	1.88E-08	1.07E-07
3180	476363.09	3846877.25	1.54E-04	1.59E-04	1.45E-04	5.35E-08	1.62E-07	9.35E-08	9.64E-08	8.74E-08	3.99E-08	3.63E-08	1.79E-09	4.32E-08	9.52E-09	1.31E-08	2.08E-08	3.66E-09	1.91E-08	1.11E-07
3181	476863.09	3846877.25	1.45E-04	1.50E-04	1.35E-04	5.04E-08	1.52E-07	8.81E-08	9.10E-08	8.25E-08	3.76E-08	3.39E-08	1.68E-09	4.06E-08	8.97E-09	1.24E-08	1.96E-08	3.45E-09	1.78E-08	1.04E-07
3182	477363.09	3846877.25	1.31E-04	1.35E-04	1.21E-04	4.52E-08	1.37E-07	7.91E-08	8.19E-08	7.42E-08	3.39E-08	3.02E-08	1.51E-09	3.65E-08	8.05E-09	1.11E-08	1.76E-08	3.11E-09	1.59E-08	9.38E-08
3183	477863.09	3846877.25	1.22E-04	1.26E-04	1.13E-04	4.22E-08	1.27E-07	7.37E-08	7.61E-08	6.90E-08	3.15E-08	2.84E-08	1.41E-09	3.40E-08	7.51E-09	1.03E-08	1.64E-08	2.89E-09	1.49E-08	8.75E-08
3184	478363.09	3846877.25	1.14E-04	1.17E-04	1.09E-04	3.96E-08	1.20E-07	6.92E-08	7.10E-08	6.44E-08	2.94E-08	2.73E-08	1.32E-09	3.19E-08	7.05E-09	9.64E-09	1.53E-08	2.69E-09	1.43E-08	8.23E-08
3185	478863.09	3846877.25	1.15E-04	1.18E-04	1.09E-04	3.99E-08	1.21E-07	6.98E-08	7.17E-08	6.50E-08	2.97E-08	2.74E-08	1.33E-09	3.22E-08	7.11E-09	9.73E-09	1.54E-08	2.72E-09	1.44E-08	8.30E-08
3186	479363.09	3846877.25	1.05E-04	1.08E-04	9.98E-05	3.65E-08	1.10E-07	6.38E-08	6.56E-08	5.94E-08	2.71E-08	2.50E-08	1.22E-09	2.95E-08	6.50E-09	8.90E-09	1.41E-08	2.49E-09	1.31E-08	7.58E-08
3187	479863.09	3846877.25	8.90E-05	9.12E-05	8.52E-05	3.08E-08	9.31E-08	5.39E-08	5.52E-08	5.01E-08	2.28E-08	2.13E-08	1.03E-09	2.49E-08	5.49E-09	7.50E-09	1.19E-08	2.10E-09	1.12E-08	6.41E-08
3188	480363.09	3846877.25	8.29E-05	8.48E-05	7.97E-05	2.87E-08	8.67E-08	5.02E-08	5.14E-08	4.66E-08	2.12E-08	2.00E-08	9.59E-10	2.32E-08	5.11E-09	6.97E-09	1.11E-08	1.95E-09	1.05E-08	5.97E-08
3189	480863.09	3846877.25	7.99E-05	8.17E-05	7.70E-05	2.77E-08	8.36E-08	4.84E-08	4.95E-08	4.49E-08	2.05E-08	1.93E-08	9.25E-10	2.23E-08	4.93E-09	6.72E-09	1.07E-08	1.88E-09	1.01E-08	5.76E-08
3190	481363.09	3846877.25	7.96E-05	8.13E-05	7.67E-05	2.76E-08	8.33E-08	4.82E-08	4.93E-08	4.47E-08	2.04E-08	1.92E-08	9.21E-10	2.22E-08	4.91E-09	6.69E-09	1.06E-08	1.87E-09	1.01E-08	5.73E-08
3191	481863.09	3846877.25	7.77E-05	7.93E-05	7.54E-05	2.69E-08	8.13E-08	4.71E-08	4.80E-08	4.35E-08	1.99E-08	1.89E-08	8.99E-10	2.17E-08	4.79E-09	6.52E-09	1.03E-08	1.82E-09	9.92E-09	5.60E-08
3192	482363.09	3846877.25	7.27E-05	7.41E-05	7.07E-05	2.52E-08	7.61E-08	4.41E-08	4.49E-08	4.07E-08	1.86E-08	1.77E-08	8.42E-10	2.03E-08	4.49E-09	6.10E-09	9.67E-09	1.70E-09	9.30E-09	5.24E-08
3193	482863.09	3846877.25	7.22E-05	7.36E-05	7.02E-05	2.50E-08	7.56E-08	4.38E-08	4.46E-08	4.04E-08	1.84E-08	1.76E-08	8.36E-10	2.02E-08	4.46E-09	6.05E-09	9.60E-09	1.69E-09	9.24E-09	5.21E-08
3194	483363.09	3846877.25	7.20E-05	7.33E-05	7.00E-05	2.49E-08	7.53E-08	4.36E-08	4.44E-08	4.03E-08	1.84E-08	1.75E-08	8.33E-10	2.01E-08	4.44E-09	6.03E-09	9.57E-09	1.69E-09	9.21E-09	5.19E-08
3195	483863.09	3846877.25	7.22E-05	7.35E-05	7.03E-05	2.50E-08	7.55E-08	4.37E-08	4.45E-08	4.04E-08	1.84E-08	1.76E-08	8.35E-10	2.02E-08	4.45E-09	6.04E-09	9.59E-09	1.69E-09	9.24E-09	5.20E-08
3196	484363.09	3846877.25	7.27E-05	7.39E-05	7.09E-05	2.52E-08	7.60E-08	4.40E-08	4.48E-08	4.06E-08	1.85E-08	1.78E-08	8.41E-10	2.03E-08	4.48E-09	6.08E-09	9.64E-09	1.70E-09	9.33E-09	5.24E-08
3197	484863.09	3846877.25	7.19E-05	7.31E-05	7.02E-05	2.49E-08	7.53E-08	4.36E-08	4.43E-08	4.02E-08	1.83E-08	1.76E-08	8.32E-10	2.01E-08	4.44E-09	6.01E-09	9.54E-09	1.68E-09	9.24E-09	5.18E-08
3198	485363.09	3846877.25	7.04E-05	7.16E-05	6.88E-05	2.44E-08	7.37E-08	4.27E-08	4.34E-08	3.93E-08	1.79E-08	1.72E-08	8.15E-10	1.97E-08	4.35E-09	5.89E-09	9.34E-09	1.65E-09	9.05E-09	5.08E-08
3199	485863.09	3846877.25	6.57E-05	6.67E-05	6.43E-05	2.28E-08	6.87E-08	3.98E-08	4.04E-08	3.66E-08	1.67E-08	1.61E-08	7.60E-10	1.84E-08	4.05E-09	5.49E-09	8.71E-09	1.53E-09	8.46E-09	4.74E-08
3200	486363.09	3846877.25	6.49E-05	6.60E-05	6.36E-05	2.25E-08	6.79E-08	3.93E-08	4.00E-08	3.62E-08	1.65E-08	1.59E-08	7.51E-10	1.81E-08	4.00E-09	5.43E-09	8.61E-09	1.52E-09	8.36E-09	4.68E-08
3201	486863.09	3846877.25	5.99E-05	6.08E-05	5.88E-05	2.08E-08	6.27E-08	3.63E-08	3.68E-08	3.34E-08	1.52E-08	1.47E-08	6.93E-10	1.67E-08	3.69E-09	5.00E-09	7.93E-09	1.40E-09	7.74E-09	4.32E-08
3202	487363.09	3846877.25	5.83E-05	5.93E-05	5.72E-05	2.02E-08	6.10E-08	3.53E-08	3.59E-08	3.25E-08	1.48E-08	1.43E-08	6.75E-10	1.63E-08	3.60E-09	4.87E-09	7.73E-09	1.36E-09	7.52E-09	4.21E-08
3203	487863.09	3846877.25	5.76E-05	5.85E-05	5.65E-05	2.00E-08	6.03E-08	3.49E-08	3.55E-08	3.21E-08	1.47E-08	1.41E-08	6.67E-10	1.61E-08	3.55E-09	4.81E-09	7.64E-09	1.35E-09	7.43E-09	4.15E-08
3204	488363.09	3846877.25	5.80E-05	5.89E-05	5.69E-05	2.01E-08	6.07E-08	3.51E-08	3.57E-08	3.23E-08	1.48E-08	1.43E-08	6.71E-10	1.62E-08	3.58E-09	4.84E-09	7.69E-09	1.35E-09	7.49E-09	4.18E-08
3205	488863.09	3846877.25	5.92E-05	6.01E-05	5.82E-05	2.05E-08	6.20E-08	3.59E-08	3.64E-08	3.30E-08	1.51E-08	1.46E-08	6.86E-10	1.66E-08	3.65E-09	4.95E-09	7.85E-09	1.38E-09	7.66E-09	4.27E-08
3206	489363.09	3846877.25	6.08E-05	6.17E-05	5.97E-05	2.11E-08	6.36E-08	3.68E-08	3.74E-08	3.39E-08	1.55E-08	1.50E-08	7.03E-10	1.70E-08	3.75E-09	5.07E-09	8.05E-09	1.42E-09	7.85E-09	4.38E-08
3207	489863.09	3846877.25	6.13E-05	6.22E-05	6.03E-05	2.13E-08	6.42E-08	3.71E-08	3.77E-08	3.42E-08	1.56E-08	1.51E-08	7.10E-10	1.71E-08	3.78E-09	5.12E-09	8.12E-09	1.43E-09	7.93E-09	4.42E-08
3208	490363.09	3846877.25	5.73E-05	5.81E-05	5.65E-05	1.99E-08	6.00E-08	3.47E-08	3.52E-08	3.19E-08	1.46E-08	1.42E-08	6.64E-10	1.60E-08	3.54E-09	4.78E-09	7.59E-09	1.34E-09	7.43E-09	4.14E-08
3209	490863.09	3846877.25	5.62E-05	5.70E-05	5.54E-05	1.95E-08	5.89E-08	3.41E-08	3.46E-08	3.13E-08	1.43E-08	1.39E-08	6.51E-10	1.57E-08	3.47E-09	4.69E-09	7.44E-09	1.31E-09	7.28E-09	4.06E-08
3210	491363.09	3846877.25	5.75E-05	5.84E-05	5.66E-05	1.99E-08	6.02E-08	3.48E-08	3.54E-08	3.20E-08	1.46E-08	1.42E-08	6.66E-10	1.61E-08	3.55E-09	4.80E-09	7.61E-09	1.34E-09	7.44E-09	4.15E-08
3211	491863.09	3846877.25	5.82E-05	5.91E-05	5.72E-05	2.02E-08	6.09E-08	3.53E-08	3.58E-08	3.24E-08	1.48E-08	1.43E-08	6.73E-10	1.63E-08	3.59E-09	4.86E-09	7.71E-09	1.36E-09	7.52E-09	4.20E-08
3212	492363.09	3846877.25	6.32E-05	6.41E-05	6.20E-05	2.19E-08	6.61E-08	3.83E-08	3.89E-08	3.52E-08	1.61E-08	1.55E-08	7.31E-10	1.77E-08	3.90E-09	5.27E-09	8.37E-09	1.47E-09	8.15E-09	4.56E-08
3213	492863.09	3846877.25	6.42E-05	6.53E-05	6.30E-05	2.23E-08	6.72E-08	3.89E-08	3.95E-08	3.58E-08	1.64E-08	1.58E-08	7.43E-10	1.80E-08	3.96E-09	5.37E-09	8.51E-09	1.50E-09	8.28E-09	4.63E-08
3214	493363.09	3846877.25	6.62E-05	6.73E-05	6.47E-05	2.29E-08	6.92E-08	4.01E-08	4.08E-08	3.69E-08	1.69E-08	1.62E-08	7.66E-10	1.85E-08	4.08E-09	5.53E-09	8.78E-09	1.55E-09	8.51E-09	4.77E-08
3215	493863.09	3846877.25	6.76E-05	6.88E-05	6.60E-05	2.34E-08	7.07E-08	4.09E-08	4.17E-08	3.78E-08	1.72E-08	1.65E-08	7.82E-10	1.89E-08	4.17E-09	5.66E-09	8.97E-09	1.58E-09	8.67E-09	4.87E-08
3216	494363.09	3846877.25	6.95E-05	7.08E-05	6.77E-05	2.41E-08	7.27E-08	4.21E-08	4.29E-08	3.89E-08	1.77E-08	1.70E-08	8.05E-10	1.94E-08	4.29E-09	5.82E-09	9.23E-09	1.63E-09	8.91E-09	5.01E-08
3217	494863.09	3846877.25	7.24E-05	7.37E-05	7.06E-05	2.51E-08	7.58E-08	4.39E-08	4.47E-08	4.05E-08	1.85E-08	1.77E-08	8.38E-10	2.02E-08	4.47E-09	6.06E-09	9.62E-09	1.70E-09	9.28E-09	5.22E-08
3218	495363.09	3846877.25	7.56E-05	7.69E-05	7.37E-05	2.62E-08	7.91E-08	4.58E-08	4.66E-08	4.23E-08	1.93E-08	1.85E-08	8.75E-10	2.11E-08	4.66E-09	6.33E-09	1.00E-08	1.77E-09	9.70E-09	5.45E-08
3219	495863.09	3846877.25	7.93E-05	8.07E-05	7.74E-05	2.75E-08	8.30E-08	4.81E-08	4.89E-08	4.43E-08	2.02E-08	1.94E-08	9.18E-10	2.22E-08	4.89E-09	6.64E-09	1.05E-08	1.86E-09	1.02E-08	5.72E-08
3220	496363.09	3846877.25	8.44E-05	8.59E-05	8.23E-05	2.93E-08	8.83E-08	5.11E-08	5.20E-08	4.72E-08	2.15E-08	2.06E-08	9.77E-10	2.36E-08	5.21E-09	7.07E-09	1.12E-08	1.98E-09	1.08E-08	6.09E-08
3221	496863.09	3846877.25	9.03E-05	9.20E-05	8.80E-05	3.13E-08	9.45E-08	5.47E-08	5.57E-08	5.05E-08	2.30E-08	2.21E-08	1.05E-09	2.53E-08	5.57E-09	7.56E-09	1.20E-08	2.11E-09	1.16E-08	6.51E-08
3222	497363.09	3846877.25	9.81E-05	9.99E-05	9.55E-05	3.40E-08	1.03E-07	5.94E-08	6.05E-08	5.49E-08	2.50E-08	2.39E-08	1.14E-09	2.74E-08	6.05E-09	8.22E-09	1.30E-08	2.30E-09	1.26E-08	7.07E-08
3223	497863.09	3846877.25	1.06E-04	1.08E-04	1.03E-04	3.68E-08	1.11E-07	6.43E-08	6.54E-08	5.93E-08	2.71E-08	2.59E-08	1.23E-09	2.96E-08	6.54E-09	8.88E-09	1.41E-08	2.48E-09	1.36E-08	7.64E-08
3224	498363.09	3846877.25	1.11E-04	1.13E-04	1.08E-04	3.85E-08	1.16E-07	6.73E-08	6.85E-08	6.21E-08	2.83E-08	2.71E-08	1.29E-09	3.10E-08	6.85E-09	9.30E-09	1.48E-08	2.60E-09	1.42E-08	8.01E-08
3225	471363.09	3847377.25	1.59E-04	1.62E-04	1.53E-04	5.49E-08	1.66E-07	9.60E-08	9.83E-08	8.91E-08	4.07E-08	3.83E-08	1.83E-09	4.43E-08	9.78E-09	1.33E-08	2.12E-08	3.73E-09	2.01E-08	1.14E-07
3226	471863.09	3847377.25	1.60E-04	1.64E-04	1.54E-04	5.54E-08	1.67E-07	9.68E-08	9.92E-08	8.99E-08	4.10E-08	3.86E-08	1.85E-09	4.47E-08	9.86E-09	1.35E-08	2.14E-08	3.76E-09	2.02E-08	1.15E-07

3227	472363.09	3847377.25	1.57E-04	1.61E-04	1.51E-04	5.43E-08	1.64E-07	9.50E-08	9.73E-08	8.82E-08	4.03E-08	3.78E-08	1.81E-09	4.38E-08	9.67E-09	1.32E-08	2.10E-08	3.69E-09	1.98E-08	1.13E-07
3228	472863.09	3847377.25	1.45E-04	1.48E-04	1.38E-04	5.01E-08	1.51E-07	8.76E-08	8.98E-08	8.14E-08	3.71E-08	3.47E-08	1.67E-09	4.04E-08	8.92E-09	1.22E-08	1.93E-08	3.41E-09	1.82E-08	1.04E-07
3229	473363.09	3847377.25	1.16E-04	1.20E-04	1.10E-04	4.03E-08	1.22E-07	7.05E-08	7.24E-08	6.57E-08	3.00E-08	2.77E-08	1.35E-09	3.25E-08	7.18E-09	9.83E-09	1.56E-08	2.75E-09	1.45E-08	8.38E-08
3230	473863.09	3847377.25	1.17E-04	1.20E-04	1.11E-04	4.05E-08	1.22E-07	7.08E-08	7.27E-08	6.59E-08	3.01E-08	2.78E-08	1.35E-09	3.27E-08	7.21E-09	9.88E-09	1.57E-08	2.76E-09	1.46E-08	8.42E-08
3231	474363.09	3847377.25	1.30E-04	1.33E-04	1.25E-04	4.51E-08	1.36E-07	7.88E-08	8.08E-08	7.33E-08	3.34E-08	3.13E-08	1.51E-09	3.64E-08	8.03E-09	1.10E-08	1.74E-08	3.07E-09	1.64E-08	9.38E-08
3232	474863.09	3847377.25	1.36E-04	1.39E-04	1.32E-04	4.71E-08	1.42E-07	8.24E-08	8.43E-08	7.64E-08	3.48E-08	3.30E-08	1.57E-09	3.80E-08	8.39E-09	1.14E-08	1.81E-08	3.20E-09	1.73E-08	9.81E-08
3233	475363.09	3847377.25	1.39E-04	1.42E-04	1.36E-04	4.81E-08	1.45E-07	8.41E-08	8.58E-08	7.77E-08	3.55E-08	3.40E-08	1.61E-09	3.88E-08	8.56E-09	1.16E-08	1.85E-08	3.26E-09	1.78E-08	1.00E-07
3234	475863.09	3847377.25	1.58E-04	1.61E-04	1.54E-04	5.47E-08	1.65E-07	9.55E-08	9.75E-08	8.84E-08	4.03E-08	3.86E-08	1.83E-09	4.41E-08	9.73E-09	1.32E-08	2.10E-08	3.70E-09	2.03E-08	1.14E-07
3235	476363.09	3847377.25	1.75E-04	1.79E-04	1.69E-04	6.06E-08	1.83E-07	1.06E-07	1.08E-07	9.83E-08	4.48E-08	4.23E-08	2.02E-09	4.89E-08	1.08E-08	1.47E-08	2.33E-08	4.11E-09	2.22E-08	1.26E-07
3236	476863.09	3847377.25	1.68E-04	1.74E-04	1.58E-04	5.83E-08	1.76E-07	1.02E-07	1.05E-07	9.53E-08	4.35E-08	3.96E-08	1.95E-09	4.71E-08	1.04E-08	1.43E-08	2.27E-08	3.99E-09	2.08E-08	1.21E-07
3237	477363.09	3847377.25	1.60E-04	1.66E-04	1.49E-04	5.55E-08	1.68E-07	9.71E-08	1.00E-07	9.10E-08	4.15E-08	3.73E-08	1.85E-09	4.48E-08	9.89E-09	1.36E-08	2.16E-08	3.81E-09	1.96E-08	1.15E-07
3238	477863.09	3847377.25	1.43E-04	1.48E-04	1.32E-04	4.95E-08	1.50E-07	8.66E-08	8.97E-08	8.13E-08	3.71E-08	3.30E-08	1.65E-09	4.00E-08	8.82E-09	1.22E-08	1.93E-08	3.40E-09	1.73E-08	1.03E-07
3239	478363.09	3847377.25	1.37E-04	1.41E-04	1.28E-04	4.75E-08	1.43E-07	8.30E-08	8.57E-08	7.77E-08	3.54E-08	3.21E-08	1.59E-09	3.83E-08	8.46E-09	1.16E-08	1.85E-08	3.25E-09	1.68E-08	9.85E-08
3240	478863.09	3847377.25	1.35E-04	1.38E-04	1.29E-04	4.67E-08	1.41E-07	8.17E-08	8.38E-08	7.59E-08	3.47E-08	3.23E-08	1.56E-09	3.77E-08	8.32E-09	1.14E-08	1.80E-08	3.18E-09	1.69E-08	9.71E-08
3241	479363.09	3847377.25	1.13E-04	1.16E-04	1.07E-04	3.91E-08	1.18E-07	6.84E-08	7.03E-08	6.37E-08	2.91E-08	2.68E-08	1.31E-09	3.16E-08	6.97E-09	9.55E-09	1.51E-08	2.67E-09	1.41E-08	8.13E-08
3242	479863.09	3847377.25	8.98E-05	9.21E-05	8.59E-05	3.11E-08	9.40E-08	5.44E-08	5.58E-08	5.06E-08	2.31E-08	2.15E-08	1.04E-09	2.51E-08	5.54E-09	7.57E-09	1.20E-08	2.12E-09	1.13E-08	6.47E-08
3243	480363.09	3847377.25	7.53E-05	7.68E-05	7.31E-05	2.61E-08	7.88E-08	4.56E-08	4.65E-08	4.21E-08	1.92E-08	1.83E-08	8.71E-10	2.10E-08	4.64E-09	6.31E-09	1.00E-08	1.76E-09	9.61E-09	5.43E-08
3244	480863.09	3847377.25	7.23E-05	7.37E-05	7.03E-05	2.51E-08	7.57E-08	4.38E-08	4.47E-08	4.05E-08	1.85E-08	1.76E-08	8.37E-10	2.02E-08	4.46E-09	6.06E-09	9.62E-09	1.70E-09	9.24E-09	5.21E-08
3245	481363.09	3847377.25	7.50E-05	7.66E-05	7.27E-05	2.60E-08	7.85E-08	4.54E-08	4.64E-08	4.20E-08	1.92E-08	1.82E-08	8.68E-10	2.10E-08	4.63E-09	6.30E-09	9.99E-09	1.76E-09	9.56E-09	5.41E-08
3246	481863.09	3847377.25	8.32E-05	8.50E-05	8.04E-05	2.88E-08	8.70E-08	5.04E-08	5.15E-08	4.67E-08	2.13E-08	2.01E-08	9.63E-10	2.33E-08	5.13E-09	6.99E-09	1.11E-08	1.95E-09	1.06E-08	5.99E-08
3247	482363.09	3847377.25	8.12E-05	8.28E-05	7.87E-05	2.81E-08	8.50E-08	4.92E-08	5.02E-08	4.55E-08	2.08E-08	1.97E-08	9.40E-10	2.27E-08	5.01E-09	6.81E-09	1.08E-08	1.90E-09	1.03E-08	5.85E-08
3248	482863.09	3847377.25	7.89E-05	8.05E-05	7.65E-05	2.73E-08	8.26E-08	4.78E-08	4.88E-08	4.42E-08	2.02E-08	1.92E-08	9.13E-10	2.21E-08	4.87E-09	6.62E-09	1.05E-08	1.85E-09	1.01E-08	5.69E-08
3249	483363.09	3847377.25	7.71E-05	7.85E-05	7.48E-05	2.67E-08	8.06E-08	4.67E-08	4.76E-08	4.31E-08	1.97E-08	1.87E-08	8.92E-10	2.15E-08	4.75E-09	6.46E-09	1.02E-08	1.81E-09	9.83E-09	5.55E-08
3250	483863.09	3847377.25	7.79E-05	7.94E-05	7.56E-05	2.70E-08	8.15E-08	4.72E-08	4.81E-08	4.36E-08	1.99E-08	1.89E-08	9.02E-10	2.18E-08	4.81E-09	6.53E-09	1.04E-08	1.83E-09	9.94E-09	5.61E-08
3251	484363.09	3847377.25	8.04E-05	8.19E-05	7.82E-05	2.79E-08	8.42E-08	4.87E-08	4.96E-08	4.50E-08	2.05E-08	1.96E-08	9.31E-10	2.25E-08	4.96E-09	6.73E-09	1.07E-08	1.88E-09	1.03E-08	5.80E-08
3252	484863.09	3847377.25	7.98E-05	8.12E-05	7.77E-05	2.76E-08	8.35E-08	4.83E-08	4.92E-08	4.46E-08	2.03E-08	1.95E-08	9.23E-10	2.23E-08	4.92E-09	6.68E-09	1.06E-08	1.87E-09	1.02E-08	5.75E-08
3253	485363.09	3847377.25	7.77E-05	7.91E-05	7.57E-05	2.69E-08	8.13E-08	4.71E-08	4.79E-08	4.34E-08	1.98E-08	1.90E-08	8.99E-10	2.17E-08	4.79E-09	6.50E-09	1.03E-08	1.82E-09	9.96E-09	5.60E-08
3254	485863.09	3847377.25	7.40E-05	7.53E-05	7.22E-05	2.56E-08	7.74E-08	4.48E-08	4.56E-08	4.13E-08	1.89E-08	1.81E-08	8.56E-10	2.07E-08	4.56E-09	6.19E-09	9.82E-09	1.73E-09	9.50E-09	5.33E-08
3255	486363.09	3847377.25	7.16E-05	7.28E-05	7.00E-05	2.48E-08	7.49E-08	4.34E-08	4.41E-08	4.00E-08	1.82E-08	1.76E-08	8.29E-10	2.00E-08	4.42E-09	5.99E-09	9.50E-09	1.67E-09	9.21E-09	5.16E-08
3256	486863.09	3847377.25	6.74E-05	6.85E-05	6.60E-05	2.33E-08	7.05E-08	4.08E-08	4.15E-08	3.76E-08	1.72E-08	1.65E-08	7.79E-10	1.88E-08	4.15E-09	5.63E-09	8.93E-09	1.57E-09	8.68E-09	4.86E-08
3257	487363.09	3847377.25	6.56E-05	6.67E-05	6.42E-05	2.27E-08	6.86E-08	3.97E-08	4.04E-08	3.66E-08	1.67E-08	1.61E-08	7.59E-10	1.83E-08	4.04E-09	5.48E-09	8.70E-09	1.53E-09	8.44E-09	4.73E-08
3258	487863.09	3847377.25	6.27E-05	6.38E-05	6.14E-05	2.17E-08	6.56E-08	3.80E-08	3.86E-08	3.50E-08	1.60E-08	1.54E-08	7.26E-10	1.75E-08	3.87E-09	5.25E-09	8.32E-09	1.47E-09	8.08E-09	4.52E-08
3259	488363.09	3847377.25	6.34E-05	6.44E-05	6.21E-05	2.20E-08	6.63E-08	3.84E-08	3.90E-08	3.53E-08	1.61E-08	1.56E-08	7.33E-10	1.77E-08	3.91E-09	5.29E-09	8.40E-09	1.48E-09	8.17E-09	4.57E-08
3260	488863.09	3847377.25	6.53E-05	6.63E-05	6.40E-05	2.26E-08	6.83E-08	3.95E-08	4.01E-08	3.64E-08	1.66E-08	1.60E-08	7.55E-10	1.82E-08	4.03E-09	5.45E-09	8.65E-09	1.52E-09	8.42E-09	4.71E-08
3261	489363.09	3847377.25	6.68E-05	6.78E-05	6.56E-05	2.32E-08	6.99E-08	4.05E-08	4.11E-08	3.72E-08	1.70E-08	1.64E-08	7.73E-10	1.87E-08	4.12E-09	5.58E-09	8.85E-09	1.56E-09	8.62E-09	4.82E-08
3262	489863.09	3847377.25	6.60E-05	6.69E-05	6.49E-05	2.29E-08	6.90E-08	4.00E-08	4.05E-08	3.68E-08	1.68E-08	1.63E-08	7.64E-10	1.84E-08	4.07E-09	5.51E-09	8.73E-09	1.54E-09	8.53E-09	4.76E-08
3263	490363.09	3847377.25	6.33E-05	6.43E-05	6.23E-05	2.19E-08	6.63E-08	3.84E-08	3.89E-08	3.53E-08	1.61E-08	1.56E-08	7.33E-10	1.77E-08	3.91E-09	5.28E-09	8.38E-09	1.48E-09	8.20E-09	4.57E-08
3264	490863.09	3847377.25	6.40E-05	6.50E-05	6.30E-05	2.22E-08	6.70E-08	3.88E-08	3.94E-08	3.57E-08	1.63E-08	1.58E-08	7.41E-10	1.79E-08	3.95E-09	5.35E-09	8.48E-09	1.49E-09	8.28E-09	4.62E-08
3265	491363.09	3847377.25	6.50E-05	6.60E-05	6.38E-05	2.25E-08	6.80E-08	3.94E-08	4.00E-08	3.62E-08	1.65E-08	1.60E-08	7.52E-10	1.82E-08	4.01E-09	5.43E-09	8.61E-09	1.52E-09	8.39E-09	4.69E-08
3266	491863.09	3847377.25	6.87E-05	6.98E-05	6.74E-05	2.38E-08	7.19E-08	4.16E-08	4.23E-08	3.84E-08	1.75E-08	1.69E-08	7.96E-10	1.92E-08	4.24E-09	5.74E-09	9.11E-09	1.61E-09	8.86E-09	4.96E-08
3267	492363.09	3847377.25	6.94E-05	7.06E-05	6.80E-05	2.41E-08	7.27E-08	4.21E-08	4.27E-08	3.87E-08	1.77E-08	1.70E-08	8.04E-10	1.94E-08	4.28E-09	5.80E-09	9.21E-09	1.62E-09	8.95E-09	5.01E-08
3268	492863.09	3847377.25	7.14E-05	7.26E-05	6.98E-05	2.47E-08	7.47E-08	4.32E-08	4.40E-08	3.98E-08	1.82E-08	1.75E-08	8.26E-10	1.99E-08	4.40E-09	5.97E-09	9.47E-09	1.67E-09	9.17E-09	5.15E-08
3269	493363.09	3847377.25	7.22E-05	7.35E-05	7.04E-05	2.50E-08	7.56E-08	4.37E-08	4.45E-08	4.04E-08	1.84E-08	1.77E-08	8.36E-10	2.02E-08	4.45E-09	6.04E-09	9.59E-09	1.69E-09	9.26E-09	5.21E-08
3270	493863.09	3847377.25	7.30E-05	7.43E-05	7.11E-05	2.53E-08	7.64E-08	4.42E-08	4.50E-08	4.08E-08	1.86E-08	1.78E-08	8.44E-10	2.04E-08	4.50E-09	6.11E-09	9.69E-09	1.71E-09	9.35E-09	5.26E-08
3271	494363.09	3847377.25	7.50E-05	7.63E-05	7.31E-05	2.60E-08	7.85E-08	4.54E-08	4.62E-08	4.19E-08	1.91E-08	1.83E-08	8.68E-10	2.10E-08	4.63E-09	6.28E-09	9.96E-09	1.76E-09	9.61E-09	5.41E-08
3272	494863.09	3847377.25	7.78E-05	7.92E-05	7.59E-05	2.70E-08	8.14E-08	4.71E-08	4.80E-08	4.35E-08	1.98E-08	1.90E-08	9.00E-10	2.17E-08	4.80E-09	6.51E-09	1.03E-08	1.82E-09	9.98E-09	5.61E-08
3273	495363.09	3847377.25	8.14E-05	8.28E-05	7.94E-05	2.82E-08	8.52E-08	4.93E-08	5.02E-08	4.55E-08	2.08E-08	1.99E-08	9.42E-10	2.28E-08	5.02E-09	6.81E-09	1.08E-08	1.91E-09	1.04E-08	5.87E-08
3274	495863.09	3847377.25	8.64E-05	8.80E-05	8.43E-05	3.00E-08	9.05E-08	5.24E-08	5.33E-08	4.83E-08	2.20E-08	2.11E-08	1.00E-09	2.42E-08	5.33E-09	7.24E-09	1.15E-08	2.02E-09	1.11E-08	6.23E-08
3275	496363.09	3847377.25	9.19E-05	9.35E-05	8.96E-05	3.18E-08	9.61E-08	5.57E-08	5.67E-08	5.14E-08	2.34E-08	2.24E-08	1.06E-09	2.57E-08	5.67E-09	7.69E-09	1.22E-08	2.15E-09	1.18E-08	6.62E-08
3276	496863.09	3847377.25	9.87E-05	1.01E-04	9.61E-05	3.42E-08	1.03E-07	5.98E-08	6.09E-08	5.52E-08	2.52E-08	2.41E-08	1.14E-09	2.76E-08	6.09E-09	8.27E-09	1.31E-08	2.31E-09	1.26E-08	7.12E-08
3277	497363.09	3847377.25	1.08E-04	1.10E-04	1.05E-04	3.75E-08	1.13E-07	6.56E-08	6.68E-08	6.06E-08	2.76E-08	2.64E-08	1.25E-09	3.03E-08	6.68E-09	9.07E-09	1.44E-08	2.54E-09	1.38E-08	7.80E-08
3278	497863.09	3847377.25	1.20E-04	1.22E-04	1.16E-04	4.15E-08	1.25E-07	7.26E-08	7.39E-08	6.70E-08	3.06E-08	2.91E-08	1.39E-09	3.35E-08	7.39E-09	1.00E-08	1.59E-08	2.81E-09	1.53E-08	8.63E-08
3279	498363.09	3847377.25	1.26E-04	1.29E-04	1.22E-04	4.38E-08	1.32E-07	7.65E-08	7.80E-08	7.07E-08	3.23E-08	3.07E-08	1.46E-09	3.53E-08	7.79E-09	1.06E-08	1.68E-08	2.96E-09	1.61E-08	9.10E-08

3280	471363.09	3847877.25	1.70E-04	1.74E-04	1.63E-04	5.89E-08	1.78E-07	1.03E-07	1.05E-07	9.56E-08	4.36E-08	4.10E-08	1.97E-09	4.75E-08	1.05E-08	1.43E-08	2.27E-08	4.00E-09	2.15E-08	1.22E-07
3281	471863.09	3847877.25	1.73E-04	1.77E-04	1.67E-04	5.99E-08	1.81E-07	1.05E-07	1.07E-07	9.71E-08	4.43E-08	4.17E-08	2.00E-09	4.83E-08	1.07E-08	1.46E-08	2.31E-08	4.07E-09	2.19E-08	1.25E-07
3282	472363.09	3847877.25	1.74E-04	1.78E-04	1.68E-04	6.04E-08	1.82E-07	1.05E-07	1.08E-07	9.80E-08	4.47E-08	4.21E-08	2.02E-09	4.87E-08	1.07E-08	1.47E-08	2.33E-08	4.10E-09	2.21E-08	1.26E-07
3283	472863.09	3847877.25	1.71E-04	1.76E-04	1.65E-04	5.94E-08	1.79E-07	1.04E-07	1.06E-07	9.64E-08	4.40E-08	4.13E-08	1.98E-09	4.79E-08	1.06E-08	1.44E-08	2.29E-08	4.04E-09	2.17E-08	1.23E-07
3284	473363.09	3847877.25	1.67E-04	1.71E-04	1.60E-04	5.78E-08	1.75E-07	1.01E-07	1.04E-07	9.40E-08	4.29E-08	4.01E-08	1.93E-09	4.67E-08	1.03E-08	1.41E-08	2.23E-08	3.93E-09	2.11E-08	1.20E-07
3285	473863.09	3847877.25	1.53E-04	1.57E-04	1.46E-04	5.31E-08	1.60E-07	9.29E-08	9.54E-08	8.65E-08	3.94E-08	3.67E-08	1.77E-09	4.29E-08	9.46E-09	1.29E-08	2.05E-08	3.62E-09	1.92E-08	1.10E-07
3286	474363.09	3847877.25	1.32E-04	1.35E-04	1.25E-04	4.56E-08	1.38E-07	7.97E-08	8.19E-08	7.43E-08	3.39E-08	3.13E-08	1.52E-09	3.68E-08	8.12E-09	1.11E-08	1.76E-08	3.11E-09	1.64E-08	9.47E-08
3287	474863.09	3847877.25	1.46E-04	1.50E-04	1.40E-04	5.07E-08	1.53E-07	8.87E-08	9.10E-08	8.25E-08	3.76E-08	3.51E-08	1.69E-09	4.09E-08	9.03E-09	1.23E-08	1.96E-08	3.45E-09	1.84E-08	1.05E-07
3288	475363.09	3847877.25	1.50E-04	1.54E-04	1.45E-04	5.20E-08	1.57E-07	9.09E-08	9.30E-08	8.43E-08	3.85E-08	3.64E-08	1.74E-09	4.20E-08	9.26E-09	1.26E-08	2.00E-08	3.53E-09	1.91E-08	1.08E-07
3289	475863.09	3847877.25	1.51E-04	1.55E-04	1.48E-04	5.25E-08	1.58E-07	9.17E-08	9.36E-08	8.48E-08	3.87E-08	3.71E-08	1.75E-09	4.23E-08	9.34E-09	1.27E-08	2.02E-08	3.55E-09	1.94E-08	1.09E-07
3290	476363.09	3847877.25	1.89E-04	1.92E-04	1.85E-04	6.53E-08	1.97E-07	1.14E-07	1.16E-07	1.06E-07	4.82E-08	4.63E-08	2.18E-09	5.27E-08	1.16E-08	1.58E-08	2.51E-08	4.42E-09	2.43E-08	1.36E-07
3291	476863.09	3847877.25	1.91E-04	1.95E-04	1.84E-04	6.61E-08	2.00E-07	1.16E-07	1.18E-07	1.07E-07	4.89E-08	4.61E-08	2.21E-09	5.33E-08	1.18E-08	1.61E-08	2.55E-08	4.49E-09	2.42E-08	1.38E-07
3292	477363.09	3847877.25	1.91E-04	1.97E-04	1.79E-04	6.61E-08	2.00E-07	1.15E-07	1.19E-07	1.08E-07	4.93E-08	4.48E-08	2.21E-09	5.33E-08	1.18E-08	1.62E-08	2.57E-08	4.52E-09	2.35E-08	1.37E-07
3293	477863.09	3847877.25	1.75E-04	1.82E-04	1.62E-04	6.08E-08	1.84E-07	1.06E-07	1.10E-07	9.97E-08	4.55E-08	4.06E-08	2.03E-09	4.90E-08	1.08E-08	1.49E-08	2.37E-08	4.18E-09	2.13E-08	1.26E-07
3294	478363.09	3847877.25	1.59E-04	1.65E-04	1.46E-04	5.51E-08	1.66E-07	9.64E-08	9.99E-08	9.05E-08	4.13E-08	3.66E-08	1.84E-09	4.45E-08	9.81E-09	1.36E-08	2.15E-08	3.79E-09	1.92E-08	1.14E-07
3295	478863.09	3847877.25	1.52E-04	1.56E-04	1.42E-04	5.25E-08	1.59E-07	9.18E-08	9.46E-08	8.58E-08	3.91E-08	3.56E-08	1.75E-09	4.24E-08	9.35E-09	1.28E-08	2.04E-08	3.59E-09	1.87E-08	1.09E-07
3296	479363.09	3847877.25	1.15E-04	1.18E-04	1.09E-04	3.98E-08	1.20E-07	6.96E-08	7.14E-08	6.47E-08	2.95E-08	2.74E-08	1.33E-09	3.21E-08	7.09E-09	9.69E-09	1.54E-08	2.71E-09	1.44E-08	8.27E-08
3297	479863.09	3847877.25	8.29E-05	8.47E-05	7.97E-05	2.87E-08	8.67E-08	5.02E-08	5.13E-08	4.65E-08	2.12E-08	2.00E-08	9.59E-10	2.32E-08	5.11E-09	6.97E-09	1.11E-08	1.95E-09	1.05E-08	5.97E-08
3298	480363.09	3847877.25	8.40E-05	8.59E-05	8.11E-05	2.91E-08	8.79E-08	5.09E-08	5.20E-08	4.72E-08	2.15E-08	2.03E-08	9.72E-10	2.35E-08	5.18E-09	7.06E-09	1.12E-08	1.97E-09	1.07E-08	6.06E-08
3299	480863.09	3847877.25	8.02E-05	8.18E-05	7.77E-05	2.78E-08	8.39E-08	4.86E-08	4.96E-08	4.49E-08	2.05E-08	1.95E-08	9.28E-10	2.24E-08	4.95E-09	6.73E-09	1.07E-08	1.88E-09	1.02E-08	5.78E-08
3300	481363.09	3847877.25	8.07E-05	8.24E-05	7.81E-05	2.80E-08	8.45E-08	4.89E-08	4.99E-08	4.53E-08	2.07E-08	1.96E-08	9.34E-10	2.26E-08	4.98E-09	6.78E-09	1.08E-08	1.90E-09	1.03E-08	5.82E-08
3301	481863.09	3847877.25	9.39E-05	9.61E-05	9.01E-05	3.25E-08	9.82E-08	5.69E-08	5.82E-08	5.28E-08	2.41E-08	2.26E-08	1.09E-09	2.62E-08	5.79E-09	7.90E-09	1.25E-08	2.21E-09	1.19E-08	6.76E-08
3302	482363.09	3847877.25	9.02E-05	9.22E-05	8.71E-05	3.13E-08	9.44E-08	5.46E-08	5.58E-08	5.06E-08	2.31E-08	2.18E-08	1.04E-09	2.52E-08	5.56E-09	7.58E-09	1.20E-08	2.12E-09	1.14E-08	6.50E-08
3303	482863.09	3847877.25	8.52E-05	8.69E-05	8.24E-05	2.95E-08	8.91E-08	5.16E-08	5.27E-08	4.77E-08	2.18E-08	2.06E-08	9.86E-10	2.38E-08	5.25E-09	7.15E-09	1.13E-08	2.00E-09	1.08E-08	6.14E-08
3304	483363.09	3847877.25	8.40E-05	8.57E-05	8.14E-05	2.91E-08	8.79E-08	5.09E-08	5.19E-08	4.71E-08	2.15E-08	2.04E-08	9.73E-10	2.35E-08	5.18E-09	7.05E-09	1.12E-08	1.97E-09	1.07E-08	6.06E-08
3305	483863.09	3847877.25	8.49E-05	8.66E-05	8.20E-05	2.94E-08	8.88E-08	5.14E-08	5.25E-08	4.76E-08	2.17E-08	2.06E-08	9.83E-10	2.37E-08	5.24E-09	7.13E-09	1.13E-08	1.99E-09	1.08E-08	6.12E-08
3306	484363.09	3847877.25	8.71E-05	8.87E-05	8.44E-05	3.02E-08	9.11E-08	5.27E-08	5.38E-08	4.87E-08	2.22E-08	2.11E-08	1.01E-09	2.43E-08	5.37E-09	7.30E-09	1.16E-08	2.04E-09	1.11E-08	6.27E-08
3307	484863.09	3847877.25	8.85E-05	9.01E-05	8.59E-05	3.07E-08	9.26E-08	5.36E-08	5.46E-08	4.95E-08	2.26E-08	2.15E-08	1.02E-09	2.47E-08	5.46E-09	7.41E-09	1.18E-08	2.07E-09	1.13E-08	6.37E-08
3308	485363.09	3847877.25	8.83E-05	8.99E-05	8.57E-05	3.06E-08	9.23E-08	5.35E-08	5.44E-08	4.94E-08	2.25E-08	2.15E-08	1.02E-09	2.47E-08	5.44E-09	7.39E-09	1.17E-08	2.07E-09	1.13E-08	6.36E-08
3309	485863.09	3847877.25	8.43E-05	8.58E-05	8.20E-05	2.92E-08	8.82E-08	5.11E-08	5.20E-08	4.71E-08	2.15E-08	2.06E-08	9.75E-10	2.36E-08	5.20E-09	7.06E-09	1.12E-08	1.97E-09	1.08E-08	6.08E-08
3310	486363.09	3847877.25	7.79E-05	7.92E-05	7.60E-05	2.70E-08	8.15E-08	4.72E-08	4.80E-08	4.35E-08	1.99E-08	1.91E-08	9.01E-10	2.18E-08	4.80E-09	6.52E-09	1.03E-08	1.82E-09	1.00E-08	5.61E-08
3311	486863.09	3847877.25	7.49E-05	7.62E-05	7.32E-05	2.59E-08	7.83E-08	4.53E-08	4.61E-08	4.18E-08	1.91E-08	1.83E-08	8.66E-10	2.09E-08	4.62E-09	6.26E-09	9.94E-09	1.75E-09	9.62E-09	5.40E-08
3312	487363.09	3847877.25	7.10E-05	7.23E-05	6.93E-05	2.46E-08	7.43E-08	4.30E-08	4.38E-08	3.97E-08	1.81E-08	1.74E-08	8.22E-10	1.98E-08	4.38E-09	5.94E-09	9.43E-09	1.66E-09	9.12E-09	5.12E-08
3313	487863.09	3847877.25	6.84E-05	6.96E-05	6.68E-05	2.37E-08	7.16E-08	4.14E-08	4.22E-08	3.82E-08	1.74E-08	1.67E-08	7.92E-10	1.91E-08	4.22E-09	5.72E-09	9.08E-09	1.60E-09	8.79E-09	4.93E-08
3314	488363.09	3847877.25	6.94E-05	7.05E-05	6.79E-05	2.40E-08	7.26E-08	4.20E-08	4.27E-08	3.87E-08	1.77E-08	1.70E-08	8.03E-10	1.94E-08	4.28E-09	5.80E-09	9.20E-09	1.62E-09	8.93E-09	5.00E-08
3315	488863.09	3847877.25	7.21E-05	7.32E-05	7.07E-05	2.50E-08	7.54E-08	4.37E-08	4.44E-08	4.02E-08	1.84E-08	1.77E-08	8.34E-10	2.02E-08	4.45E-09	6.02E-09	9.56E-09	1.68E-09	9.29E-09	5.20E-08
3316	489363.09	3847877.25	7.36E-05	7.48E-05	7.22E-05	2.55E-08	7.70E-08	4.46E-08	4.53E-08	4.11E-08	1.87E-08	1.81E-08	8.52E-10	2.06E-08	4.54E-09	6.15E-09	9.76E-09	1.72E-09	9.49E-09	5.31E-08
3317	489863.09	3847877.25	7.57E-05	7.69E-05	7.43E-05	2.62E-08	7.92E-08	4.59E-08	4.66E-08	4.22E-08	1.93E-08	1.86E-08	8.76E-10	2.12E-08	4.67E-09	6.32E-09	1.00E-08	1.77E-09	9.77E-09	5.46E-08
3318	490363.09	3847877.25	7.50E-05	7.62E-05	7.36E-05	2.60E-08	7.85E-08	4.54E-08	4.61E-08	4.18E-08	1.91E-08	1.84E-08	8.68E-10	2.10E-08	4.63E-09	6.26E-09	9.94E-09	1.75E-09	9.67E-09	5.41E-08
3319	490863.09	3847877.25	7.46E-05	7.58E-05	7.31E-05	2.59E-08	7.81E-08	4.52E-08	4.59E-08	4.16E-08	1.90E-08	1.83E-08	8.63E-10	2.09E-08	4.60E-09	6.24E-09	9.89E-09	1.74E-09	9.61E-09	5.38E-08
3320	491363.09	3847877.25	7.47E-05	7.59E-05	7.31E-05	2.59E-08	7.81E-08	4.52E-08	4.60E-08	4.17E-08	1.90E-08	1.83E-08	8.64E-10	2.09E-08	4.61E-09	6.24E-09	9.90E-09	1.75E-09	9.62E-09	5.38E-08
3321	491863.09	3847877.25	7.63E-05	7.76E-05	7.46E-05	2.64E-08	7.98E-08	4.62E-08	4.70E-08	4.26E-08	1.94E-08	1.87E-08	8.83E-10	2.13E-08	4.71E-09	6.38E-09	1.01E-08	1.78E-09	9.81E-09	5.50E-08
3322	492363.09	3847877.25	7.80E-05	7.93E-05	7.62E-05	2.70E-08	8.16E-08	4.72E-08	4.81E-08	4.36E-08	1.99E-08	1.91E-08	9.03E-10	2.18E-08	4.81E-09	6.52E-09	1.03E-08	1.82E-09	1.00E-08	5.62E-08
3323	492863.09	3847877.25	7.84E-05	7.98E-05	7.64E-05	2.72E-08	8.21E-08	4.75E-08	4.83E-08	4.38E-08	2.00E-08	1.92E-08	9.07E-10	2.19E-08	4.84E-09	6.56E-09	1.04E-08	1.84E-09	1.01E-08	5.65E-08
3324	493363.09	3847877.25	7.74E-05	7.88E-05	7.54E-05	2.68E-08	8.10E-08	4.69E-08	4.77E-08	4.33E-08	1.97E-08	1.89E-08	8.96E-10	2.16E-08	4.78E-09	6.48E-09	1.03E-08	1.81E-09	9.92E-09	5.58E-08
3325	493863.09	3847877.25	7.80E-05	7.94E-05	7.60E-05	2.70E-08	8.16E-08	4.72E-08	4.81E-08	4.36E-08	1.99E-08	1.90E-08	9.02E-10	2.18E-08	4.81E-09	6.53E-09	1.04E-08	1.83E-09	9.99E-09	5.62E-08
3326	494363.09	3847877.25	8.03E-05	8.18E-05	7.83E-05	2.78E-08	8.41E-08	4.87E-08	4.95E-08	4.49E-08	2.05E-08	1.96E-08	9.30E-10	2.25E-08	4.95E-09	6.72E-09	1.07E-08	1.88E-09	1.03E-08	5.79E-08
3327	494863.09	3847877.25	8.41E-05	8.56E-05	8.21E-05	2.92E-08	8.81E-08	5.10E-08	5.19E-08	4.70E-08	2.15E-08	2.06E-08	9.74E-10	2.35E-08	5.19E-09	7.04E-09	1.12E-08	1.97E-09	1.08E-08	6.07E-08
3328	495363.09	3847877.25	8.77E-05	8.92E-05	8.56E-05	3.04E-08	9.17E-08	5.31E-08	5.40E-08	4.90E-08	2.24E-08	2.14E-08	1.01E-09	2.45E-08	5.41E-09	7.34E-09	1.16E-08	2.05E-09	1.13E-08	6.32E-08
3329	495863.09	3847877.25	8.73E-05	8.88E-05	8.52E-05	3.02E-08	9.13E-08	5.29E-08	5.38E-08	4.88E-08	2.22E-08	2.14E-08	1.01E-09	2.44E-08	5.38E-09	7.30E-09	1.16E-08	2.04E-09	1.12E-08	6.29E-08
3330	496363.09	3847877.25	9.97E-05	1.02E-04	9.71E-05	3.46E-08	1.04E-07	6.04E-08	6.15E-08	5.58E-08	2.54E-08	2.43E-08	1.15E-09	2.79E-08	6.15E-09	8.35E-09	1.32E-08	2.34E-09	1.28E-08	7.19E-08
3331	496863.09	3847877.25	1.08E-04	1.10E-04	1.05E-04	3.74E-08	1.13E-07	6.54E-08	6.66E-08	6.04E-08	2.75E-08	2.63E-08	1.25E-09	3.02E-08	6.66E-09	9.04E-09	1.43E-08	2.53E-09	1.38E-08	7.78E-08
3332	497363.09	3847877.25	1.18E-04	1.20E-04	1.15E-04	4.09E-08	1.24E-07	7.15E-08	7.29E-08	6.61E-08	3.01E-08	2.87E-08	1.37E-09	3.30E-08	7.28E-09	9.90E-09	1.57E-08	2.77E-09	1.51E-08	8.51E-08

3333	497863.09	3847877.25	1.35E-04	1.38E-04	1.31E-04	4.68E-08	1.41E-07	8.19E-08	8.35E-08	7.57E-08	3.45E-08	3.28E-08	1.56E-09	3.78E-08	8.34E-09	1.13E-08	1.80E-08	3.17E-09	1.72E-08	9.74E-08
3334	498363.09	3847877.25	1.44E-04	1.47E-04	1.40E-04	5.00E-08	1.51E-07	8.74E-08	8.92E-08	8.09E-08	3.69E-08	3.50E-08	1.67E-09	4.04E-08	8.90E-09	1.21E-08	1.92E-08	3.39E-09	1.83E-08	1.04E-07
3335	471363.09	3848377.25	1.82E-04	1.86E-04	1.75E-04	6.29E-08	1.90E-07	1.10E-07	1.13E-07	1.02E-07	4.66E-08	4.39E-08	2.10E-09	5.08E-08	1.12E-08	1.53E-08	2.43E-08	4.28E-09	2.31E-08	1.31E-07
3336	471863.09	3848377.25	1.84E-04	1.89E-04	1.77E-04	6.39E-08	1.93E-07	1.12E-07	1.14E-07	1.04E-07	4.73E-08	4.44E-08	2.13E-09	5.15E-08	1.14E-08	1.55E-08	2.46E-08	4.34E-09	2.33E-08	1.33E-07
3337	472363.09	3848377.25	1.86E-04	1.90E-04	1.79E-04	6.43E-08	1.94E-07	1.12E-07	1.15E-07	1.04E-07	4.77E-08	4.47E-08	2.15E-09	5.19E-08	1.15E-08	1.56E-08	2.48E-08	4.38E-09	2.35E-08	1.34E-07
3338	472863.09	3848377.25	1.89E-04	1.93E-04	1.82E-04	6.54E-08	1.97E-07	1.14E-07	1.17E-07	1.06E-07	4.84E-08	4.55E-08	2.18E-09	5.28E-08	1.16E-08	1.59E-08	2.52E-08	4.45E-09	2.39E-08	1.36E-07
3339	473363.09	3848377.25	1.87E-04	1.91E-04	1.80E-04	6.47E-08	1.95E-07	1.13E-07	1.16E-07	1.05E-07	4.80E-08	4.50E-08	2.16E-09	5.22E-08	1.15E-08	1.57E-08	2.50E-08	4.40E-09	2.36E-08	1.35E-07
3340	473863.09	3848377.25	1.83E-04	1.87E-04	1.75E-04	6.33E-08	1.91E-07	1.11E-07	1.14E-07	1.03E-07	4.69E-08	4.39E-08	2.11E-09	5.11E-08	1.13E-08	1.54E-08	2.44E-08	4.31E-09	2.30E-08	1.32E-07
3341	474363.09	3848377.25	1.72E-04	1.76E-04	1.64E-04	5.94E-08	1.79E-07	1.04E-07	1.07E-07	9.67E-08	4.41E-08	4.10E-08	1.99E-09	4.79E-08	1.06E-08	1.45E-08	2.30E-08	4.05E-09	2.15E-08	1.24E-07
3342	474863.09	3848377.25	1.51E-04	1.55E-04	1.43E-04	5.22E-08	1.58E-07	9.13E-08	9.38E-08	8.51E-08	3.88E-08	3.58E-08	1.74E-09	4.21E-08	9.29E-09	1.27E-08	2.02E-08	3.56E-09	1.88E-08	1.08E-07
3343	475363.09	3848377.25	1.74E-04	1.78E-04	1.67E-04	6.03E-08	1.82E-07	1.05E-07	1.08E-07	9.80E-08	4.47E-08	4.19E-08	2.01E-09	4.87E-08	1.07E-08	1.47E-08	2.33E-08	4.10E-09	2.20E-08	1.25E-07
3344	475863.09	3848377.25	1.74E-04	1.78E-04	1.68E-04	6.02E-08	1.82E-07	1.05E-07	1.08E-07	9.76E-08	4.45E-08	4.20E-08	2.01E-09	4.85E-08	1.07E-08	1.46E-08	2.32E-08	4.09E-09	2.21E-08	1.25E-07
3345	476363.09	3848377.25	1.68E-04	1.72E-04	1.64E-04	5.82E-08	1.76E-07	1.02E-07	1.04E-07	9.42E-08	4.30E-08	4.10E-08	1.94E-09	4.70E-08	1.04E-08	1.41E-08	2.24E-08	3.94E-09	2.15E-08	1.21E-07
3346	476863.09	3848377.25	2.18E-04	2.22E-04	2.14E-04	7.56E-08	2.28E-07	1.32E-07	1.35E-07	1.22E-07	5.57E-08	5.37E-08	2.52E-09	6.10E-08	1.35E-08	1.83E-08	2.90E-08	5.11E-09	2.82E-08	1.58E-07
3347	477363.09	3848377.25	2.06E-04	2.11E-04	1.98E-04	7.13E-08	2.15E-07	1.25E-07	1.28E-07	1.16E-07	5.28E-08	4.97E-08	2.38E-09	5.75E-08	1.27E-08	1.73E-08	2.75E-08	4.85E-09	2.61E-08	1.48E-07
3348	477863.09	3848377.25	2.09E-04	2.16E-04	1.96E-04	7.26E-08	2.19E-07	1.27E-07	1.31E-07	1.19E-07	5.42E-08	4.91E-08	2.42E-09	5.85E-08	1.29E-08	1.78E-08	2.82E-08	4.97E-09	2.58E-08	1.51E-07
3349	478363.09	3848377.25	1.88E-04	1.95E-04	1.73E-04	6.51E-08	1.97E-07	1.14E-07	1.18E-07	1.07E-07	4.88E-08	4.33E-08	2.18E-09	5.25E-08	1.16E-08	1.60E-08	2.54E-08	4.48E-09	2.27E-08	1.35E-07
3350	478863.09	3848377.25	1.67E-04	1.73E-04	1.53E-04	5.80E-08	1.75E-07	1.01E-07	1.05E-07	9.53E-08	4.35E-08	3.84E-08	1.94E-09	4.68E-08	1.03E-08	1.43E-08	2.26E-08	3.99E-09	2.02E-08	1.20E-07
3351	479363.09	3848377.25	1.30E-04	1.34E-04	1.22E-04	4.50E-08	1.36E-07	7.87E-08	8.10E-08	7.34E-08	3.35E-08	3.06E-08	1.50E-09	3.63E-08	8.01E-09	1.10E-08	1.74E-08	3.07E-09	1.61E-08	9.34E-08
3352	479863.09	3848377.25	7.35E-05	7.49E-05	7.13E-05	2.55E-08	7.69E-08	4.45E-08	4.54E-08	4.11E-08	1.88E-08	1.79E-08	8.50E-10	2.05E-08	4.53E-09	6.16E-09	9.78E-09	1.72E-09	9.38E-09	5.30E-08
3353	480363.09	3848377.25	8.67E-05	8.86E-05	8.35E-05	3.00E-08	9.07E-08	5.25E-08	5.37E-08	4.87E-08	2.22E-08	2.09E-08	1.00E-09	2.42E-08	5.35E-09	7.29E-09	1.16E-08	2.04E-09	1.10E-08	6.25E-08
3354	480863.09	3848377.25	1.03E-04	1.05E-04	9.83E-05	3.56E-08	1.08E-07	6.23E-08	6.38E-08	5.78E-08	2.64E-08	2.46E-08	1.19E-09	2.87E-08	6.34E-09	8.66E-09	1.37E-08	2.42E-09	1.29E-08	7.40E-08
3355	481363.09	3848377.25	1.04E-04	1.07E-04	9.90E-05	3.60E-08	1.09E-07	6.29E-08	6.45E-08	5.85E-08	2.67E-08	2.48E-08	1.20E-09	2.90E-08	6.41E-09	8.76E-09	1.39E-08	2.45E-09	1.30E-08	7.48E-08
3356	481863.09	3848377.25	1.05E-04	1.08E-04	1.00E-04	3.65E-08	1.10E-07	6.38E-08	6.54E-08	5.93E-08	2.70E-08	2.52E-08	1.22E-09	2.94E-08	6.50E-09	8.88E-09	1.41E-08	2.48E-09	1.32E-08	7.58E-08
3357	482363.09	3848377.25	1.04E-04	1.06E-04	9.95E-05	3.60E-08	1.09E-07	6.29E-08	6.44E-08	5.84E-08	2.67E-08	2.49E-08	1.20E-09	2.90E-08	6.41E-09	8.75E-09	1.39E-08	2.45E-09	1.31E-08	7.48E-08
3358	482863.09	3848377.25	9.51E-05	9.72E-05	9.16E-05	3.30E-08	9.95E-08	5.76E-08	5.89E-08	5.34E-08	2.44E-08	2.30E-08	1.10E-09	2.66E-08	5.87E-09	8.00E-09	1.27E-08	2.24E-09	1.20E-08	6.85E-08
3359	483363.09	3848377.25	9.43E-05	9.64E-05	9.09E-05	3.27E-08	9.87E-08	5.71E-08	5.84E-08	5.29E-08	2.41E-08	2.28E-08	1.09E-09	2.64E-08	5.82E-09	7.93E-09	1.26E-08	2.22E-09	1.19E-08	6.79E-08
3360	483863.09	3848377.25	9.13E-05	9.33E-05	8.80E-05	3.16E-08	9.55E-08	5.53E-08	5.65E-08	5.12E-08	2.34E-08	2.20E-08	1.06E-09	2.55E-08	5.63E-09	7.67E-09	1.22E-08	2.14E-09	1.16E-08	6.58E-08
3361	484363.09	3848377.25	9.19E-05	9.38E-05	8.88E-05	3.19E-08	9.62E-08	5.57E-08	5.68E-08	5.15E-08	2.35E-08	2.23E-08	1.06E-09	2.57E-08	5.67E-09	7.71E-09	1.22E-08	2.16E-09	1.17E-08	6.62E-08
3362	484863.09	3848377.25	9.89E-05	1.01E-04	9.57E-05	3.43E-08	1.04E-07	5.99E-08	6.11E-08	5.54E-08	2.53E-08	2.40E-08	1.14E-09	2.77E-08	6.10E-09	8.30E-09	1.32E-08	2.32E-09	1.26E-08	7.13E-08
3363	485363.09	3848377.25	9.82E-05	1.00E-04	9.50E-05	3.40E-08	1.03E-07	5.95E-08	6.06E-08	5.50E-08	2.51E-08	2.38E-08	1.14E-09	2.74E-08	6.05E-09	8.23E-09	1.31E-08	2.30E-09	1.25E-08	7.07E-08
3364	485863.09	3848377.25	9.28E-05	9.45E-05	9.01E-05	3.22E-08	9.71E-08	5.62E-08	5.73E-08	5.19E-08	2.37E-08	2.26E-08	1.07E-09	2.59E-08	5.72E-09	7.78E-09	1.23E-08	2.17E-09	1.18E-08	6.69E-08
3365	486363.09	3848377.25	8.68E-05	8.84E-05	8.45E-05	3.01E-08	9.08E-08	5.26E-08	5.35E-08	4.85E-08	2.21E-08	2.12E-08	1.00E-09	2.43E-08	5.35E-09	7.27E-09	1.15E-08	2.03E-09	1.11E-08	6.26E-08
3366	486863.09	3848377.25	8.30E-05	8.45E-05	8.08E-05	2.88E-08	8.68E-08	5.03E-08	5.12E-08	4.64E-08	2.12E-08	2.03E-08	9.60E-10	2.32E-08	5.12E-09	6.95E-09	1.10E-08	1.94E-09	1.06E-08	5.98E-08
3367	487363.09	3848377.25	7.63E-05	7.77E-05	7.44E-05	2.65E-08	7.99E-08	4.62E-08	4.71E-08	4.27E-08	1.95E-08	1.87E-08	8.83E-10	2.13E-08	4.71E-09	6.39E-09	1.01E-08	1.79E-09	9.79E-09	5.50E-08
3368	487863.09	3848377.25	7.48E-05	7.61E-05	7.29E-05	2.59E-08	7.82E-08	4.53E-08	4.61E-08	4.18E-08	1.91E-08	1.83E-08	8.65E-10	2.09E-08	4.61E-09	6.26E-09	9.93E-09	1.75E-09	9.59E-09	5.39E-08
3369	488363.09	3848377.25	7.66E-05	7.79E-05	7.49E-05	2.65E-08	8.01E-08	4.64E-08	4.72E-08	4.28E-08	1.95E-08	1.88E-08	8.86E-10	2.14E-08	4.72E-09	6.41E-09	1.02E-08	1.79E-09	9.85E-09	5.52E-08
3370	488863.09	3848377.25	7.88E-05	8.01E-05	7.71E-05	2.73E-08	8.25E-08	4.78E-08	4.86E-08	4.40E-08	2.01E-08	1.93E-08	9.12E-10	2.20E-08	4.86E-09	6.59E-09	1.05E-08	1.84E-09	1.01E-08	5.68E-08
3371	489363.09	3848377.25	8.11E-05	8.24E-05	7.94E-05	2.81E-08	8.48E-08	4.91E-08	4.99E-08	4.52E-08	2.06E-08	1.99E-08	9.38E-10	2.27E-08	5.00E-09	6.78E-09	1.08E-08	1.89E-09	1.04E-08	5.85E-08
3372	489863.09	3848377.25	8.43E-05	8.57E-05	8.26E-05	2.92E-08	8.82E-08	5.11E-08	5.19E-08	4.71E-08	2.15E-08	2.07E-08	9.76E-10	2.36E-08	5.20E-09	7.05E-09	1.12E-08	1.97E-09	1.09E-08	6.08E-08
3373	490363.09	3848377.25	8.37E-05	8.52E-05	8.18E-05	2.90E-08	8.76E-08	5.07E-08	5.16E-08	4.68E-08	2.13E-08	2.05E-08	9.69E-10	2.34E-08	5.17E-09	7.00E-09	1.11E-08	1.96E-09	1.08E-08	6.04E-08
3374	490863.09	3848377.25	8.31E-05	8.46E-05	8.12E-05	2.88E-08	8.70E-08	5.04E-08	5.12E-08	4.64E-08	2.12E-08	2.03E-08	9.62E-10	2.32E-08	5.13E-09	6.95E-09	1.10E-08	1.94E-09	1.07E-08	5.99E-08
3375	491363.09	3848377.25	8.45E-05	8.60E-05	8.25E-05	2.93E-08	8.84E-08	5.12E-08	5.21E-08	4.72E-08	2.15E-08	2.07E-08	9.78E-10	2.36E-08	5.21E-09	7.07E-09	1.12E-08	1.98E-09	1.09E-08	6.09E-08
3376	491863.09	3848377.25	8.54E-05	8.69E-05	8.34E-05	2.96E-08	8.94E-08	5.17E-08	5.26E-08	4.77E-08	2.18E-08	2.09E-08	9.89E-10	2.39E-08	5.27E-09	7.15E-09	1.13E-08	2.00E-09	1.10E-08	6.16E-08
3377	492363.09	3848377.25	8.41E-05	8.56E-05	8.21E-05	2.92E-08	8.81E-08	5.10E-08	5.19E-08	4.70E-08	2.15E-08	2.06E-08	9.74E-10	2.35E-08	5.19E-09	7.04E-09	1.12E-08	1.97E-09	1.08E-08	6.07E-08
3378	492863.09	3848377.25	8.24E-05	8.39E-05	8.03E-05	2.86E-08	8.62E-08	4.99E-08	5.08E-08	4.61E-08	2.10E-08	2.01E-08	9.54E-10	2.30E-08	5.08E-09	6.90E-09	1.09E-08	1.93E-09	1.06E-08	5.94E-08
3379	493363.09	3848377.25	8.26E-05	8.41E-05	8.04E-05	2.86E-08	8.64E-08	5.00E-08	5.09E-08	4.62E-08	2.11E-08	2.02E-08	9.56E-10	2.31E-08	5.09E-09	6.91E-09	1.10E-08	1.93E-09	1.06E-08	5.95E-08
3380	493863.09	3848377.25	8.44E-05	8.59E-05	8.22E-05	2.92E-08	8.83E-08	5.11E-08	5.20E-08	4.72E-08	2.15E-08	2.06E-08	9.76E-10	2.36E-08	5.20E-09	7.06E-09	1.12E-08	1.97E-09	1.08E-08	6.08E-08
3381	494363.09	3848377.25	8.69E-05	8.84E-05	8.47E-05	3.01E-08	9.09E-08	5.26E-08	5.36E-08	4.86E-08	2.22E-08	2.12E-08	1.01E-09	2.43E-08	5.36E-09	7.27E-09	1.15E-08	2.03E-09	1.11E-08	6.26E-08
3382	494863.09	3848377.25	9.18E-05	9.34E-05	8.94E-05	3.18E-08	9.60E-08	5.56E-08	5.66E-08	5.13E-08	2.34E-08	2.24E-08	1.06E-09	2.56E-08	5.66E-09	7.68E-09	1.22E-08	2.15E-09	1.18E-08	6.62E-08
3383	495363.09	3848377.25	9.38E-05	9.55E-05	9.15E-05	3.25E-08	9.81E-08	5.68E-08	5.78E-08	5.24E-08	2.39E-08	2.29E-08	1.09E-09	2.62E-08	5.79E-09	7.85E-09	1.25E-08	2.20E-09	1.20E-08	6.76E-08
3384	495863.09	3848377.25	9.88E-05	1.01E-04	9.63E-05	3.43E-08	1.03E-07	5.99E-08	6.09E-08	5.52E-08	2.52E-08	2.41E-08	1.14E-09	2.76E-08	6.10E-09	8.28E-09	1.31E-08	2.31E-09	1.27E-08	7.12E-08
3385	496363.09	3848377.25	1.08E-04	1.10E-04	1.05E-04	3.75E-08	1.13E-07	6.56E-08	6.68E-08	6.06E-08	2.76E-08	2.64E-08	1.25E-09	3.03E-08	6.68E-09	9.07E-09	1.44E-08	2.54E-09	1.39E-08	7.81E-08

3386	496863.09	3848377.25	1.13E-04	1.15E-04	1.10E-04	3.93E-08	1.19E-07	6.87E-08	7.00E-08	6.34E-08	2.89E-08	2.76E-08	1.31E-09	3.17E-08	6.99E-09	9.50E-09	1.51E-08	2.66E-09	1.45E-08	8.17E-08
3387	497363.09	3848377.25	1.26E-04	1.29E-04	1.23E-04	4.38E-08	1.32E-07	7.65E-08	7.80E-08	7.07E-08	3.22E-08	3.07E-08	1.46E-09	3.53E-08	7.79E-09	1.06E-08	1.68E-08	2.96E-09	1.61E-08	9.10E-08
3388	497863.09	3848377.25	1.56E-04	1.59E-04	1.50E-04	5.39E-08	1.63E-07	9.42E-08	9.62E-08	8.72E-08	3.98E-08	3.76E-08	1.80E-09	4.35E-08	9.60E-09	1.31E-08	2.07E-08	3.65E-09	1.97E-08	1.12E-07
3389	498363.09	3848377.25	1.62E-04	1.66E-04	1.56E-04	5.62E-08	1.70E-07	9.82E-08	1.00E-07	9.10E-08	4.15E-08	3.91E-08	1.88E-09	4.53E-08	1.00E-08	1.36E-08	2.16E-08	3.81E-09	2.05E-08	1.17E-07
3390	471363.09	3848877.25	1.88E-04	1.92E-04	1.83E-04	6.50E-08	1.96E-07	1.14E-07	1.16E-07	1.05E-07	4.80E-08	4.59E-08	2.17E-09	5.25E-08	1.16E-08	1.58E-08	2.50E-08	4.41E-09	2.41E-08	1.35E-07
3391	471863.09	3848877.25	1.96E-04	2.00E-04	1.90E-04	6.79E-08	2.05E-07	1.19E-07	1.21E-07	1.10E-07	5.02E-08	4.76E-08	2.27E-09	5.47E-08	1.21E-08	1.65E-08	2.61E-08	4.60E-09	2.50E-08	1.41E-07
3392	472363.09	3848877.25	2.00E-04	2.05E-04	1.93E-04	6.94E-08	2.10E-07	1.21E-07	1.24E-07	1.13E-07	5.14E-08	4.84E-08	2.32E-09	5.60E-08	1.24E-08	1.69E-08	2.68E-08	4.72E-09	2.54E-08	1.44E-07
3393	472863.09	3848877.25	2.03E-04	2.08E-04	1.95E-04	7.02E-08	2.12E-07	1.23E-07	1.26E-07	1.14E-07	5.20E-08	4.88E-08	2.34E-09	5.66E-08	1.25E-08	1.71E-08	2.71E-08	4.77E-09	2.56E-08	1.46E-07
3394	473363.09	3848877.25	2.07E-04	2.12E-04	1.99E-04	7.17E-08	2.17E-07	1.25E-07	1.29E-07	1.17E-07	5.32E-08	4.99E-08	2.40E-09	5.79E-08	1.28E-08	1.75E-08	2.77E-08	4.88E-09	2.62E-08	1.49E-07
3395	473863.09	3848877.25	2.06E-04	2.11E-04	1.98E-04	7.14E-08	2.16E-07	1.25E-07	1.28E-07	1.16E-07	5.29E-08	4.96E-08	2.38E-09	5.76E-08	1.27E-08	1.74E-08	2.75E-08	4.86E-09	2.60E-08	1.48E-07
3396	474363.09	3848877.25	2.04E-04	2.09E-04	1.95E-04	7.06E-08	2.13E-07	1.23E-07	1.27E-07	1.15E-07	5.24E-08	4.90E-08	2.36E-09	5.70E-08	1.26E-08	1.72E-08	2.73E-08	4.81E-09	2.57E-08	1.47E-07
3397	474863.09	3848877.25	1.86E-04	1.91E-04	1.77E-04	6.43E-08	1.94E-07	1.12E-07	1.16E-07	1.05E-07	4.78E-08	4.43E-08	2.15E-09	5.19E-08	1.15E-08	1.57E-08	2.49E-08	4.39E-09	2.32E-08	1.34E-07
3398	475363.09	3848877.25	1.79E-04	1.84E-04	1.70E-04	6.20E-08	1.87E-07	1.08E-07	1.11E-07	1.01E-07	4.61E-08	4.26E-08	2.07E-09	5.00E-08	1.10E-08	1.51E-08	2.40E-08	4.23E-09	2.24E-08	1.29E-07
3399	475863.09	3848877.25	2.00E-04	2.05E-04	1.92E-04	6.91E-08	2.09E-07	1.21E-07	1.24E-07	1.12E-07	5.13E-08	4.80E-08	2.31E-09	5.58E-08	1.23E-08	1.68E-08	2.67E-08	4.70E-09	2.52E-08	1.44E-07
3400	476363.09	3848877.25	2.08E-04	2.13E-04	2.02E-04	7.23E-08	2.18E-07	1.26E-07	1.29E-07	1.17E-07	5.34E-08	5.06E-08	2.41E-09	5.83E-08	1.29E-08	1.75E-08	2.78E-08	4.90E-09	2.65E-08	1.50E-07
3401	476863.09	3848877.25	2.09E-04	2.13E-04	2.04E-04	7.23E-08	2.18E-07	1.26E-07	1.29E-07	1.17E-07	5.34E-08	5.11E-08	2.42E-09	5.83E-08	1.29E-08	1.75E-08	2.78E-08	4.90E-09	2.68E-08	1.51E-07
3402	477363.09	3848877.25	2.55E-04	2.60E-04	2.51E-04	8.84E-08	2.67E-07	1.55E-07	1.57E-07	1.43E-07	6.51E-08	6.30E-08	2.95E-09	7.13E-08	1.57E-08	2.14E-08	3.39E-08	5.98E-09	3.31E-08	1.84E-07
3403	477863.09	3848877.25	2.34E-04	2.40E-04	2.26E-04	8.12E-08	2.45E-07	1.42E-07	1.45E-07	1.32E-07	6.01E-08	5.67E-08	2.71E-09	6.55E-08	1.44E-08	1.97E-08	3.13E-08	5.52E-09	2.97E-08	1.69E-07
3404	478363.09	3848877.25	2.36E-04	2.44E-04	2.21E-04	8.18E-08	2.47E-07	1.43E-07	1.48E-07	1.34E-07	6.10E-08	5.53E-08	2.73E-09	6.59E-08	1.46E-08	2.00E-08	3.18E-08	5.60E-09	2.90E-08	1.70E-07
3405	478863.09	3848877.25	2.03E-04	2.11E-04	1.86E-04	7.04E-08	2.13E-07	1.23E-07	1.28E-07	1.16E-07	5.28E-08	4.65E-08	2.35E-09	5.68E-08	1.25E-08	1.73E-08	2.75E-08	4.85E-09	2.44E-08	1.46E-07
3406	479363.09	3848877.25	1.73E-04	1.80E-04	1.59E-04	6.01E-08	1.81E-07	1.05E-07	1.09E-07	9.88E-08	4.51E-08	3.98E-08	2.01E-09	4.85E-08	1.07E-08	1.48E-08	2.35E-08	4.14E-09	2.09E-08	1.24E-07
3407	479863.09	3848877.25	1.40E-04	1.44E-04	1.32E-04	4.86E-08	1.47E-07	8.50E-08	8.75E-08	7.93E-08	3.62E-08	3.31E-08	1.62E-09	3.92E-08	8.66E-09	1.19E-08	1.88E-08	3.32E-09	1.74E-08	1.01E-07
3408	480363.09	3848877.25	1.39E-04	1.43E-04	1.31E-04	4.82E-08	1.46E-07	8.43E-08	8.68E-08	7.86E-08	3.59E-08	3.28E-08	1.61E-09	3.89E-08	8.58E-09	1.18E-08	1.87E-08	3.29E-09	1.72E-08	1.00E-07
3409	480863.09	3848877.25	1.40E-04	1.44E-04	1.31E-04	4.84E-08	1.46E-07	8.46E-08	8.71E-08	7.90E-08	3.60E-08	3.29E-08	1.62E-09	3.91E-08	8.62E-09	1.18E-08	1.88E-08	3.31E-09	1.73E-08	1.00E-07
3410	481363.09	3848877.25	1.29E-04	1.33E-04	1.22E-04	4.48E-08	1.35E-07	7.82E-08	8.04E-08	7.29E-08	3.33E-08	3.06E-08	1.49E-09	3.61E-08	7.97E-09	1.09E-08	1.73E-08	3.05E-09	1.61E-08	9.29E-08
3411	481863.09	3848877.25	1.18E-04	1.22E-04	1.12E-04	4.10E-08	1.24E-07	7.17E-08	7.36E-08	6.67E-08	3.05E-08	2.81E-08	1.37E-09	3.31E-08	7.30E-09	1.00E-08	1.59E-08	2.79E-09	1.47E-08	8.51E-08
3412	482363.09	3848877.25	1.05E-04	1.08E-04	1.01E-04	3.64E-08	1.10E-07	6.37E-08	6.52E-08	5.91E-08	2.70E-08	2.53E-08	1.22E-09	2.94E-08	6.49E-09	8.86E-09	1.40E-08	2.48E-09	1.33E-08	7.57E-08
3413	482863.09	3848877.25	9.48E-05	9.69E-05	9.15E-05	3.29E-08	9.92E-08	5.75E-08	5.87E-08	5.32E-08	2.43E-08	2.29E-08	1.10E-09	2.65E-08	5.85E-09	7.97E-09	1.26E-08	2.23E-09	1.20E-08	6.83E-08
3414	483363.09	3848877.25	9.06E-05	9.24E-05	8.77E-05	3.14E-08	9.48E-08	5.49E-08	5.60E-08	5.08E-08	2.32E-08	2.20E-08	1.05E-09	2.53E-08	5.59E-09	7.60E-09	1.21E-08	2.13E-09	1.15E-08	6.53E-08
3415	483863.09	3848877.25	9.06E-05	9.25E-05	8.75E-05	3.14E-08	9.48E-08	5.49E-08	5.60E-08	5.08E-08	2.32E-08	2.19E-08	1.05E-09	2.53E-08	5.59E-09	7.60E-09	1.21E-08	2.13E-09	1.15E-08	6.53E-08
3416	484363.09	3848877.25	9.84E-05	1.01E-04	9.48E-05	3.41E-08	1.03E-07	5.96E-08	6.09E-08	5.52E-08	2.52E-08	2.37E-08	1.14E-09	2.75E-08	6.07E-09	8.27E-09	1.31E-08	2.31E-09	1.25E-08	7.09E-08
3417	484863.09	3848877.25	1.09E-04	1.12E-04	1.05E-04	3.79E-08	1.14E-07	6.63E-08	6.77E-08	6.14E-08	2.80E-08	2.64E-08	1.27E-09	3.06E-08	6.75E-09	9.19E-09	1.46E-08	2.57E-09	1.38E-08	7.88E-08
3418	485363.09	3848877.25	1.10E-04	1.13E-04	1.06E-04	3.83E-08	1.16E-07	6.69E-08	6.83E-08	6.19E-08	2.82E-08	2.67E-08	1.28E-09	3.09E-08	6.81E-09	9.27E-09	1.47E-08	2.59E-09	1.40E-08	7.95E-08
3419	485863.09	3848877.25	1.04E-04	1.06E-04	1.01E-04	3.60E-08	1.09E-07	6.30E-08	6.42E-08	5.82E-08	2.66E-08	2.52E-08	1.20E-09	2.91E-08	6.41E-09	8.72E-09	1.38E-08	2.44E-09	1.32E-08	7.49E-08
3420	486363.09	3848877.25	9.54E-05	9.72E-05	9.28E-05	3.31E-08	9.99E-08	5.78E-08	5.89E-08	5.34E-08	2.44E-08	2.32E-08	1.10E-09	2.67E-08	5.89E-09	8.00E-09	1.27E-08	2.24E-09	1.22E-08	6.88E-08
3421	486863.09	3848877.25	8.93E-05	9.10E-05	8.69E-05	3.10E-08	9.35E-08	5.41E-08	5.51E-08	5.00E-08	2.28E-08	2.18E-08	1.03E-09	2.50E-08	5.51E-09	7.49E-09	1.19E-08	2.09E-09	1.14E-08	6.44E-08
3422	487363.09	3848877.25	8.56E-05	8.72E-05	8.32E-05	2.97E-08	8.96E-08	5.19E-08	5.28E-08	4.79E-08	2.19E-08	2.09E-08	9.91E-10	2.39E-08	5.28E-09	7.17E-09	1.14E-08	2.01E-09	1.09E-08	6.17E-08
3423	487863.09	3848877.25	8.29E-05	8.44E-05	8.07E-05	2.87E-08	8.67E-08	5.02E-08	5.11E-08	4.64E-08	2.12E-08	2.02E-08	9.59E-10	2.32E-08	5.11E-09	6.94E-09	1.10E-08	1.94E-09	1.06E-08	5.97E-08
3424	488363.09	3848877.25	8.52E-05	8.68E-05	8.31E-05	2.95E-08	8.92E-08	5.16E-08	5.26E-08	4.77E-08	2.17E-08	2.08E-08	9.87E-10	2.38E-08	5.26E-09	7.14E-09	1.13E-08	2.00E-09	1.09E-08	6.15E-08
3425	488863.09	3848877.25	8.74E-05	8.90E-05	8.53E-05	3.03E-08	9.15E-08	5.30E-08	5.39E-08	4.88E-08	2.23E-08	2.14E-08	1.01E-09	2.44E-08	5.39E-09	7.32E-09	1.16E-08	2.05E-09	1.12E-08	6.30E-08
3426	489363.09	3848877.25	9.13E-05	9.29E-05	8.92E-05	3.16E-08	9.55E-08	5.53E-08	5.62E-08	5.10E-08	2.33E-08	2.23E-08	1.06E-09	2.55E-08	5.63E-09	7.64E-09	1.21E-08	2.14E-09	1.17E-08	6.58E-08
3427	489863.09	3848877.25	9.46E-05	9.62E-05	9.23E-05	3.28E-08	9.90E-08	5.73E-08	5.83E-08	5.29E-08	2.41E-08	2.31E-08	1.09E-09	2.64E-08	5.84E-09	7.92E-09	1.26E-08	2.21E-09	1.21E-08	6.82E-08
3428	490363.09	3848877.25	9.23E-05	9.39E-05	8.99E-05	3.20E-08	9.65E-08	5.59E-08	5.69E-08	5.16E-08	2.35E-08	2.25E-08	1.07E-09	2.58E-08	5.69E-09	7.72E-09	1.23E-08	2.16E-09	1.18E-08	6.65E-08
3429	490863.09	3848877.25	9.21E-05	9.38E-05	8.98E-05	3.19E-08	9.64E-08	5.58E-08	5.68E-08	5.15E-08	2.35E-08	2.25E-08	1.07E-09	2.58E-08	5.68E-09	7.71E-09	1.22E-08	2.16E-09	1.18E-08	6.64E-08
3430	491363.09	3848877.25	9.37E-05	9.54E-05	9.13E-05	3.25E-08	9.81E-08	5.68E-08	5.78E-08	5.24E-08	2.39E-08	2.29E-08	1.08E-09	2.62E-08	5.78E-09	7.85E-09	1.24E-08	2.19E-09	1.20E-08	6.76E-08
3431	491863.09	3848877.25	9.27E-05	9.44E-05	9.04E-05	3.21E-08	9.71E-08	5.62E-08	5.72E-08	5.18E-08	2.37E-08	2.26E-08	1.07E-09	2.59E-08	5.72E-09	7.77E-09	1.23E-08	2.17E-09	1.19E-08	6.69E-08
3432	492363.09	3848877.25	9.09E-05	9.25E-05	8.85E-05	3.15E-08	9.51E-08	5.50E-08	5.60E-08	5.08E-08	2.32E-08	2.22E-08	1.05E-09	2.54E-08	5.61E-09	7.61E-09	1.21E-08	2.13E-09	1.16E-08	6.55E-08
3433	492863.09	3848877.25	8.75E-05	8.91E-05	8.53E-05	3.03E-08	9.16E-08	5.30E-08	5.40E-08	4.89E-08	2.23E-08	2.14E-08	1.01E-09	2.45E-08	5.40E-09	7.33E-09	1.16E-08	2.05E-09	1.12E-08	6.31E-08
3434	493363.09	3848877.25	8.62E-05	8.77E-05	8.40E-05	2.99E-08	9.02E-08	5.22E-08	5.31E-08	4.82E-08	2.20E-08	2.11E-08	9.97E-10	2.41E-08	5.32E-09	7.22E-09	1.14E-08	2.02E-09	1.11E-08	6.21E-08
3435	493863.09	3848877.25	9.11E-05	9.28E-05	8.88E-05	3.16E-08	9.53E-08	5.52E-08	5.62E-08	5.09E-08	2.32E-08	2.23E-08	1.05E-09	2.55E-08	5.62E-09	7.63E-09	1.21E-08	2.13E-09	1.17E-08	6.57E-08
3436	494363.09	3848877.25	9.55E-05	9.72E-05	9.31E-05	3.31E-08	9.99E-08	5.78E-08	5.89E-08	5.34E-08	2.44E-08	2.33E-08	1.10E-09	2.67E-08	5.89E-09	8.00E-09	1.27E-08	2.24E-09	1.22E-08	6.88E-08
3437	494863.09	3848877.25	1.03E-04	1.05E-04	1.00E-04	3.56E-08	1.08E-07	6.23E-08	6.34E-08	5.75E-08	2.62E-08	2.51E-08	1.19E-09	2.87E-08	6.34E-09	8.61E-09	1.37E-08	2.41E-09	1.32E-08	7.41E-08
3438	495363.09	3848877.25	1.10E-04	1.12E-04	1.07E-04	3.80E-08	1.15E-07	6.64E-08	6.77E-08	6.14E-08	2.80E-08	2.67E-08	1.27E-09	3.07E-08	6.76E-09	9.19E-09	1.46E-08	2.57E-09	1.40E-08	7.90E-08

3439	495863.09	3848877.25	1.11E-04	1.13E-04	1.08E-04	3.83E-08	1.16E-07	6.70E-08	6.83E-08	6.19E-08	2.82E-08	2.69E-08	1.28E-09	3.09E-08	6.82E-09	9.27E-09	1.47E-08	2.59E-09	1.41E-08	7.97E-08
3440	496363.09	3848877.25	1.18E-04	1.20E-04	1.15E-04	4.09E-08	1.24E-07	7.16E-08	7.29E-08	6.61E-08	3.02E-08	2.88E-08	1.37E-09	3.30E-08	7.29E-09	9.90E-09	1.57E-08	2.77E-09	1.51E-08	8.51E-08
3441	496863.09	3848877.25	1.32E-04	1.35E-04	1.28E-04	4.59E-08	1.39E-07	8.02E-08	8.18E-08	7.41E-08	3.38E-08	3.22E-08	1.53E-09	3.70E-08	8.17E-09	1.11E-08	1.76E-08	3.10E-09	1.69E-08	9.54E-08
3442	497363.09	3848877.25	1.58E-04	1.61E-04	1.52E-04	5.47E-08	1.65E-07	9.57E-08	9.77E-08	8.85E-08	4.04E-08	3.82E-08	1.83E-09	4.41E-08	9.74E-09	1.33E-08	2.10E-08	3.71E-09	2.00E-08	1.14E-07
3443	497863.09	3848877.25	1.72E-04	1.76E-04	1.66E-04	5.97E-08	1.80E-07	1.04E-07	1.07E-07	9.66E-08	4.41E-08	4.15E-08	1.99E-09	4.81E-08	1.06E-08	1.45E-08	2.30E-08	4.05E-09	2.18E-08	1.24E-07
3444	498363.09	3848877.25	1.83E-04	1.88E-04	1.76E-04	6.35E-08	1.92E-07	1.11E-07	1.14E-07	1.03E-07	4.70E-08	4.40E-08	2.12E-09	5.12E-08	1.13E-08	1.54E-08	2.45E-08	4.31E-09	2.31E-08	1.32E-07
3445	471363.09	3849377.25	1.91E-04	1.95E-04	1.87E-04	6.62E-08	2.00E-07	1.16E-07	1.18E-07	1.07E-07	4.89E-08	4.68E-08	2.21E-09	5.34E-08	1.18E-08	1.60E-08	2.54E-08	4.48E-09	2.46E-08	1.38E-07
3446	471863.09	3849377.25	2.04E-04	2.08E-04	2.00E-04	7.08E-08	2.14E-07	1.24E-07	1.26E-07	1.14E-07	5.22E-08	5.01E-08	2.36E-09	5.71E-08	1.26E-08	1.71E-08	2.72E-08	4.79E-09	2.63E-08	1.47E-07
3447	472363.09	3849377.25	2.12E-04	2.16E-04	2.06E-04	7.33E-08	2.21E-07	1.28E-07	1.31E-07	1.19E-07	5.41E-08	5.17E-08	2.45E-09	5.91E-08	1.30E-08	1.78E-08	2.82E-08	4.97E-09	2.71E-08	1.53E-07
3448	472863.09	3849377.25	2.18E-04	2.23E-04	2.12E-04	7.57E-08	2.29E-07	1.32E-07	1.35E-07	1.23E-07	5.60E-08	5.31E-08	2.53E-09	6.11E-08	1.35E-08	1.84E-08	2.92E-08	5.14E-09	2.79E-08	1.58E-07
3449	473363.09	3849377.25	2.22E-04	2.27E-04	2.14E-04	7.69E-08	2.32E-07	1.34E-07	1.38E-07	1.25E-07	5.69E-08	5.35E-08	2.57E-09	6.20E-08	1.37E-08	1.87E-08	2.96E-08	5.22E-09	2.81E-08	1.60E-07
3450	473863.09	3849377.25	2.25E-04	2.31E-04	2.17E-04	7.81E-08	2.36E-07	1.37E-07	1.40E-07	1.27E-07	5.79E-08	5.43E-08	2.61E-09	6.30E-08	1.39E-08	1.90E-08	3.02E-08	5.32E-09	2.85E-08	1.62E-07
3451	474363.09	3849377.25	2.28E-04	2.33E-04	2.19E-04	7.89E-08	2.38E-07	1.38E-07	1.41E-07	1.28E-07	5.85E-08	5.48E-08	2.63E-09	6.36E-08	1.40E-08	1.92E-08	3.05E-08	5.37E-09	2.87E-08	1.64E-07
3452	474863.09	3849377.25	2.26E-04	2.32E-04	2.16E-04	7.83E-08	2.36E-07	1.37E-07	1.40E-07	1.27E-07	5.81E-08	5.42E-08	2.61E-09	6.31E-08	1.39E-08	1.91E-08	3.02E-08	5.33E-09	2.85E-08	1.63E-07
3453	475363.09	3849377.25	2.19E-04	2.24E-04	2.09E-04	7.57E-08	2.29E-07	1.32E-07	1.36E-07	1.23E-07	5.62E-08	5.23E-08	2.53E-09	6.11E-08	1.35E-08	1.85E-08	2.93E-08	5.16E-09	2.74E-08	1.57E-07
3454	475863.09	3849377.25	2.23E-04	2.29E-04	2.14E-04	7.74E-08	2.34E-07	1.35E-07	1.39E-07	1.26E-07	5.74E-08	5.36E-08	2.58E-09	6.24E-08	1.38E-08	1.89E-08	2.99E-08	5.27E-09	2.81E-08	1.61E-07
3455	476363.09	3849377.25	2.46E-04	2.52E-04	2.38E-04	8.53E-08	2.58E-07	1.49E-07	1.53E-07	1.38E-07	6.31E-08	5.96E-08	2.85E-09	6.88E-08	1.52E-08	2.07E-08	3.29E-08	5.79E-09	3.13E-08	1.78E-07
3456	476863.09	3849377.25	2.69E-04	2.75E-04	2.62E-04	9.32E-08	2.81E-07	1.63E-07	1.66E-07	1.51E-07	6.88E-08	6.57E-08	3.11E-09	7.52E-08	1.66E-08	2.26E-08	3.58E-08	6.31E-09	3.45E-08	1.94E-07
3457	477363.09	3849377.25	2.76E-04	2.81E-04	2.71E-04	9.56E-08	2.89E-07	1.67E-07	1.70E-07	1.54E-07	7.05E-08	6.79E-08	3.19E-09	7.71E-08	1.70E-08	2.31E-08	3.67E-08	6.47E-09	3.56E-08	1.99E-07
3458	477863.09	3849377.25	2.69E-04	2.74E-04	2.64E-04	9.31E-08	2.81E-07	1.63E-07	1.66E-07	1.50E-07	6.87E-08	6.62E-08	3.11E-09	7.51E-08	1.66E-08	2.25E-08	3.57E-08	6.30E-09	3.47E-08	1.94E-07
3459	478363.09	3849377.25	2.65E-04	2.71E-04	2.56E-04	9.19E-08	2.77E-07	1.61E-07	1.64E-07	1.49E-07	6.80E-08	6.42E-08	3.07E-09	7.41E-08	1.63E-08	2.23E-08	3.54E-08	6.24E-09	3.37E-08	1.91E-07
3460	478863.09	3849377.25	2.45E-04	2.53E-04	2.27E-04	8.48E-08	2.56E-07	1.48E-07	1.53E-07	1.39E-07	6.34E-08	5.70E-08	2.83E-09	6.84E-08	1.51E-08	2.08E-08	3.30E-08	5.82E-09	2.99E-08	1.76E-07
3461	479363.09	3849377.25	2.22E-04	2.31E-04	2.02E-04	7.69E-08	2.32E-07	1.34E-07	1.40E-07	1.27E-07	5.78E-08	5.06E-08	2.57E-09	6.20E-08	1.37E-08	1.90E-08	3.01E-08	5.30E-09	2.65E-08	1.59E-07
3462	479863.09	3849377.25	1.86E-04	1.92E-04	1.70E-04	6.43E-08	1.94E-07	1.12E-07	1.17E-07	1.06E-07	4.82E-08	4.26E-08	2.15E-09	5.19E-08	1.14E-08	1.58E-08	2.51E-08	4.43E-09	2.23E-08	1.33E-07
3463	480363.09	3849377.25	1.91E-04	1.97E-04	1.79E-04	6.61E-08	1.99E-07	1.15E-07	1.19E-07	1.08E-07	4.92E-08	4.47E-08	2.21E-09	5.33E-08	1.18E-08	1.62E-08	2.56E-08	4.52E-09	2.35E-08	1.37E-07
3464	480863.09	3849377.25	1.77E-04	1.82E-04	1.66E-04	6.13E-08	1.85E-07	1.07E-07	1.10E-07	1.00E-07	4.57E-08	4.15E-08	2.05E-09	4.95E-08	1.09E-08	1.50E-08	2.38E-08	4.19E-09	2.18E-08	1.27E-07
3465	481363.09	3849377.25	1.48E-04	1.52E-04	1.39E-04	5.11E-08	1.54E-07	8.94E-08	9.20E-08	8.34E-08	3.81E-08	3.48E-08	1.71E-09	4.12E-08	9.10E-09	1.25E-08	1.98E-08	3.49E-09	1.83E-08	1.06E-07
3466	481863.09	3849377.25	1.18E-04	1.21E-04	1.12E-04	4.09E-08	1.23E-07	7.14E-08	7.33E-08	6.64E-08	3.03E-08	2.81E-08	1.36E-09	3.30E-08	7.27E-09	9.95E-09	1.58E-08	2.78E-09	1.48E-08	8.49E-08
3467	482363.09	3849377.25	1.09E-04	1.12E-04	1.04E-04	3.77E-08	1.14E-07	6.60E-08	6.75E-08	6.12E-08	2.79E-08	2.62E-08	1.26E-09	3.04E-08	6.72E-09	9.17E-09	1.45E-08	2.56E-09	1.37E-08	7.84E-08
3468	482863.09	3849377.25	9.71E-05	9.92E-05	9.37E-05	3.37E-08	1.02E-07	5.88E-08	6.01E-08	5.45E-08	2.49E-08	2.35E-08	1.12E-09	2.72E-08	5.99E-09	8.16E-09	1.29E-08	2.28E-09	1.23E-08	7.00E-08
3469	483363.09	3849377.25	9.35E-05	9.54E-05	9.05E-05	3.24E-08	9.78E-08	5.66E-08	5.78E-08	5.24E-08	2.39E-08	2.27E-08	1.08E-09	2.61E-08	5.77E-09	7.85E-09	1.24E-08	2.19E-09	1.19E-08	6.74E-08
3470	483863.09	3849377.25	8.88E-05	9.06E-05	8.62E-05	3.08E-08	9.30E-08	5.38E-08	5.49E-08	4.97E-08	2.27E-08	2.16E-08	1.03E-09	2.48E-08	5.48E-09	7.45E-09	1.18E-08	2.08E-09	1.13E-08	6.40E-08
3471	484363.09	3849377.25	1.06E-04	1.09E-04	1.02E-04	3.68E-08	1.11E-07	6.43E-08	6.58E-08	5.96E-08	2.72E-08	2.55E-08	1.23E-09	2.97E-08	6.55E-09	8.93E-09	1.42E-08	2.50E-09	1.34E-08	7.64E-08
3472	484863.09	3849377.25	1.20E-04	1.23E-04	1.15E-04	4.17E-08	1.26E-07	7.30E-08	7.47E-08	6.77E-08	3.09E-08	2.88E-08	1.39E-09	3.37E-08	7.43E-09	1.01E-08	1.61E-08	2.84E-09	1.51E-08	8.67E-08
3473	485363.09	3849377.25	1.24E-04	1.27E-04	1.19E-04	4.29E-08	1.30E-07	7.50E-08	7.67E-08	6.95E-08	3.17E-08	2.98E-08	1.43E-09	3.46E-08	7.64E-09	1.04E-08	1.65E-08	2.91E-09	1.56E-08	8.91E-08
3474	485863.09	3849377.25	1.05E-04	1.07E-04	1.02E-04	3.64E-08	1.10E-07	6.37E-08	6.49E-08	5.89E-08	2.69E-08	2.56E-08	1.22E-09	2.94E-08	6.49E-09	8.81E-09	1.40E-08	2.46E-09	1.34E-08	7.58E-08
3475	486363.09	3849377.25	9.22E-05	9.38E-05	8.99E-05	3.19E-08	9.65E-08	5.58E-08	5.68E-08	5.15E-08	2.35E-08	2.25E-08	1.07E-09	2.58E-08	5.69E-09	7.72E-09	1.22E-08	2.16E-09	1.18E-08	6.65E-08
3476	486863.09	3849377.25	9.76E-05	9.95E-05	9.47E-05	3.38E-08	1.02E-07	5.91E-08	6.03E-08	5.46E-08	2.49E-08	2.37E-08	1.13E-09	2.73E-08	6.02E-09	8.18E-09	1.30E-08	2.29E-09	1.24E-08	7.03E-08
3477	487363.09	3849377.25	9.56E-05	9.75E-05	9.28E-05	3.31E-08	1.00E-07	5.79E-08	5.91E-08	5.36E-08	2.44E-08	2.33E-08	1.11E-09	2.67E-08	5.90E-09	8.02E-09	1.27E-08	2.24E-09	1.22E-08	6.89E-08
3478	487863.09	3849377.25	9.37E-05	9.55E-05	9.10E-05	3.25E-08	9.80E-08	5.68E-08	5.79E-08	5.25E-08	2.39E-08	2.28E-08	1.08E-09	2.62E-08	5.78E-09	7.86E-09	1.25E-08	2.20E-09	1.20E-08	6.75E-08
3479	488363.09	3849377.25	9.57E-05	9.75E-05	9.31E-05	3.32E-08	1.00E-07	5.80E-08	5.91E-08	5.35E-08	2.44E-08	2.33E-08	1.11E-09	2.68E-08	5.90E-09	8.02E-09	1.27E-08	2.24E-09	1.22E-08	6.90E-08
3480	488863.09	3849377.25	9.99E-05	1.02E-04	9.72E-05	3.46E-08	1.05E-07	6.05E-08	6.17E-08	5.59E-08	2.55E-08	2.43E-08	1.16E-09	2.79E-08	6.16E-09	8.37E-09	1.33E-08	2.34E-09	1.28E-08	7.20E-08
3481	489363.09	3849377.25	1.04E-04	1.06E-04	1.01E-04	3.62E-08	1.09E-07	6.32E-08	6.44E-08	5.83E-08	2.66E-08	2.54E-08	1.21E-09	2.92E-08	6.43E-09	8.74E-09	1.39E-08	2.44E-09	1.33E-08	7.52E-08
3482	489863.09	3849377.25	1.06E-04	1.08E-04	1.03E-04	3.66E-08	1.11E-07	6.40E-08	6.52E-08	5.91E-08	2.70E-08	2.57E-08	1.22E-09	2.95E-08	6.52E-09	8.85E-09	1.40E-08	2.47E-09	1.35E-08	7.61E-08
3483	490363.09	3849377.25	1.03E-04	1.05E-04	9.98E-05	3.56E-08	1.08E-07	6.22E-08	6.34E-08	5.75E-08	2.62E-08	2.50E-08	1.19E-09	2.87E-08	6.34E-09	8.61E-09	1.37E-08	2.41E-09	1.31E-08	7.40E-08
3484	490863.09	3849377.25	1.04E-04	1.06E-04	1.01E-04	3.61E-08	1.09E-07	6.31E-08	6.43E-08	5.83E-08	2.66E-08	2.54E-08	1.21E-09	2.91E-08	6.43E-09	8.73E-09	1.39E-08	2.44E-09	1.33E-08	7.51E-08
3485	491363.09	3849377.25	1.06E-04	1.08E-04	1.03E-04	3.68E-08	1.11E-07	6.44E-08	6.56E-08	5.94E-08	2.71E-08	2.59E-08	1.23E-09	2.97E-08	6.55E-09	8.90E-09	1.41E-08	2.49E-09	1.36E-08	7.66E-08
3486	491863.09	3849377.25	1.04E-04	1.06E-04	1.01E-04	3.60E-08	1.09E-07	6.29E-08	6.41E-08	5.81E-08	2.65E-08	2.53E-08	1.20E-09	2.90E-08	6.41E-09	8.71E-09	1.38E-08	2.43E-09	1.33E-08	7.49E-08
3487	492363.09	3849377.25	1.02E-04	1.04E-04	9.90E-05	3.53E-08	1.07E-07	6.17E-08	6.29E-08	5.70E-08	2.60E-08	2.48E-08	1.18E-09	2.85E-08	6.28E-09	8.54E-09	1.35E-08	2.39E-09	1.30E-08	7.34E-08
3488	492863.09	3849377.25	9.76E-05	9.94E-05	9.49E-05	3.38E-08	1.02E-07	5.91E-08	6.02E-08	5.46E-08	2.49E-08	2.38E-08	1.13E-09	2.73E-08	6.02E-09	8.17E-09	1.30E-08	2.29E-09	1.25E-08	7.03E-08
3489	493363.09	3849377.25	9.97E-05	1.02E-04	9.71E-05	3.46E-08	1.04E-07	6.04E-08	6.15E-08	5.58E-08	2.55E-08	2.43E-08	1.15E-09	2.79E-08	6.15E-09	8.36E-09	1.33E-08	2.34E-09	1.28E-08	7.19E-08
3490	493863.09	3849377.25	1.04E-04	1.06E-04	1.01E-04	3.60E-08	1.09E-07	6.29E-08	6.41E-08	5.81E-08	2.65E-08	2.53E-08	1.20E-09	2.90E-08	6.40E-09	8.70E-09	1.38E-08	2.43E-09	1.33E-08	7.48E-08
3491	494363.09	3849377.25	1.12E-04	1.14E-04	1.09E-04	3.87E-08	1.17E-07	6.77E-08	6.90E-08	6.25E-08	2.85E-08	2.72E-08	1.29E-09	3.12E-08	6.89E-09	9.37E-09	1.49E-08	2.62E-09	1.43E-08	8.06E-08

3492	494863.09	3849377.25	1.28E-04	1.30E-04	1.24E-04	4.42E-08	1.34E-07	7.73E-08	7.89E-08	7.15E-08	3.26E-08	3.10E-08	1.48E-09	3.57E-08	7.87E-09	1.07E-08	1.70E-08	2.99E-09	1.63E-08	9.20E-08
3493	495363.09	3849377.25	1.38E-04	1.41E-04	1.33E-04	4.77E-08	1.44E-07	8.35E-08	8.52E-08	7.72E-08	3.52E-08	3.34E-08	1.59E-09	3.85E-08	8.50E-09	1.16E-08	1.83E-08	3.23E-09	1.75E-08	9.93E-08
3494	495863.09	3849377.25	1.28E-04	1.30E-04	1.24E-04	4.43E-08	1.34E-07	7.74E-08	7.89E-08	7.16E-08	3.27E-08	3.11E-08	1.48E-09	3.57E-08	7.88E-09	1.07E-08	1.70E-08	3.00E-09	1.63E-08	9.21E-08
3495	496363.09	3849377.25	1.32E-04	1.35E-04	1.28E-04	4.59E-08	1.39E-07	8.03E-08	8.18E-08	7.42E-08	3.38E-08	3.22E-08	1.53E-09	3.70E-08	8.17E-09	1.11E-08	1.76E-08	3.11E-09	1.69E-08	9.55E-08
3496	496863.09	3849377.25	1.63E-04	1.66E-04	1.57E-04	5.64E-08	1.70E-07	9.86E-08	1.01E-07	9.13E-08	4.17E-08	3.93E-08	1.88E-09	4.55E-08	1.00E-08	1.37E-08	2.17E-08	3.82E-09	2.06E-08	1.17E-07
3497	497363.09	3849377.25	1.77E-04	1.81E-04	1.70E-04	6.13E-08	1.85E-07	1.07E-07	1.09E-07	9.92E-08	4.53E-08	4.26E-08	2.05E-09	4.94E-08	1.09E-08	1.49E-08	2.36E-08	4.16E-09	2.23E-08	1.27E-07
3498	497863.09	3849377.25	2.11E-04	2.16E-04	2.01E-04	7.30E-08	2.21E-07	1.28E-07	1.31E-07	1.19E-07	5.41E-08	5.03E-08	2.44E-09	5.89E-08	1.30E-08	1.78E-08	2.82E-08	4.97E-09	2.64E-08	1.52E-07
3499	498363.09	3849377.25	2.11E-04	2.16E-04	2.01E-04	7.32E-08	2.21E-07	1.28E-07	1.31E-07	1.19E-07	5.42E-08	5.04E-08	2.44E-09	5.90E-08	1.30E-08	1.78E-08	2.82E-08	4.98E-09	2.65E-08	1.52E-07
3500	471363.09	3849877.25	1.70E-04	1.74E-04	1.66E-04	5.90E-08	1.78E-07	1.03E-07	1.05E-07	9.54E-08	4.35E-08	4.16E-08	1.97E-09	4.76E-08	1.05E-08	1.43E-08	2.27E-08	3.99E-09	2.18E-08	1.23E-07
3501	471863.09	3849877.25	1.98E-04	2.02E-04	1.94E-04	6.87E-08	2.07E-07	1.20E-07	1.22E-07	1.11E-07	5.06E-08	4.85E-08	2.29E-09	5.54E-08	1.22E-08	1.66E-08	2.64E-08	4.65E-09	2.55E-08	1.43E-07
3502	472363.09	3849877.25	2.19E-04	2.24E-04	2.15E-04	7.60E-08	2.29E-07	1.33E-07	1.36E-07	1.23E-07	5.60E-08	5.38E-08	2.54E-09	6.13E-08	1.35E-08	1.84E-08	2.92E-08	5.14E-09	2.82E-08	1.58E-07
3503	472863.09	3849877.25	2.31E-04	2.35E-04	2.26E-04	8.00E-08	2.41E-07	1.40E-07	1.43E-07	1.29E-07	5.90E-08	5.66E-08	2.67E-09	6.45E-08	1.42E-08	1.94E-08	3.07E-08	5.41E-09	2.97E-08	1.67E-07
3504	473363.09	3849877.25	2.36E-04	2.41E-04	2.30E-04	8.18E-08	2.47E-07	1.43E-07	1.46E-07	1.32E-07	6.04E-08	5.76E-08	2.73E-09	6.60E-08	1.46E-08	1.98E-08	3.15E-08	5.55E-09	3.02E-08	1.70E-07
3505	473863.09	3849877.25	2.43E-04	2.49E-04	2.36E-04	8.44E-08	2.55E-07	1.47E-07	1.51E-07	1.37E-07	6.24E-08	5.91E-08	2.82E-09	6.81E-08	1.50E-08	2.05E-08	3.25E-08	5.73E-09	3.10E-08	1.76E-07
3506	474363.09	3849877.25	2.48E-04	2.54E-04	2.39E-04	8.60E-08	2.60E-07	1.50E-07	1.54E-07	1.40E-07	6.37E-08	5.99E-08	2.87E-09	6.94E-08	1.53E-08	2.09E-08	3.32E-08	5.85E-09	3.14E-08	1.79E-07
3507	474863.09	3849877.25	2.52E-04	2.58E-04	2.42E-04	8.73E-08	2.64E-07	1.53E-07	1.57E-07	1.42E-07	6.48E-08	6.06E-08	2.92E-09	7.04E-08	1.55E-08	2.13E-08	3.37E-08	5.94E-09	3.18E-08	1.82E-07
3508	475363.09	3849877.25	2.49E-04	2.55E-04	2.38E-04	8.62E-08	2.60E-07	1.51E-07	1.55E-07	1.40E-07	6.39E-08	5.96E-08	2.88E-09	6.95E-08	1.53E-08	2.10E-08	3.33E-08	5.87E-09	3.13E-08	1.79E-07
3509	475863.09	3849877.25	2.45E-04	2.51E-04	2.33E-04	8.48E-08	2.56E-07	1.48E-07	1.52E-07	1.38E-07	6.30E-08	5.85E-08	2.83E-09	6.84E-08	1.51E-08	2.07E-08	3.28E-08	5.78E-09	3.07E-08	1.76E-07
3510	476363.09	3849877.25	2.47E-04	2.54E-04	2.36E-04	8.57E-08	2.59E-07	1.50E-07	1.54E-07	1.40E-07	6.37E-08	5.92E-08	2.86E-09	6.92E-08	1.53E-08	2.09E-08	3.31E-08	5.84E-09	3.11E-08	1.78E-07
3511	476863.09	3849877.25	2.77E-04	2.84E-04	2.68E-04	9.60E-08	2.90E-07	1.68E-07	1.72E-07	1.56E-07	7.11E-08	6.71E-08	3.21E-09	7.75E-08	1.71E-08	2.33E-08	3.70E-08	6.53E-09	3.52E-08	2.00E-07
3512	477363.09	3849877.25	3.24E-04	3.30E-04	3.17E-04	1.12E-07	3.39E-07	1.96E-07	2.00E-07	1.81E-07	8.27E-08	7.94E-08	3.75E-09	9.05E-08	2.00E-08	2.72E-08	4.31E-08	7.59E-09	4.17E-08	2.34E-07
3513	477863.09	3849877.25	3.38E-04	3.44E-04	3.33E-04	1.17E-07	3.53E-07	2.05E-07	2.08E-07	1.89E-07	8.62E-08	8.34E-08	3.91E-09	9.44E-08	2.08E-08	2.83E-08	4.49E-08	7.91E-09	4.38E-08	2.44E-07
3514	478363.09	3849877.25	3.16E-04	3.22E-04	3.11E-04	1.10E-07	3.31E-07	1.92E-07	1.95E-07	1.77E-07	8.08E-08	7.80E-08	3.66E-09	8.84E-08	1.95E-08	2.65E-08	4.21E-08	7.41E-09	4.09E-08	2.29E-07
3515	478863.09	3849877.25	3.14E-04	3.21E-04	3.04E-04	1.09E-07	3.29E-07	1.90E-07	1.95E-07	1.76E-07	8.05E-08	7.63E-08	3.63E-09	8.78E-08	1.94E-08	2.64E-08	4.19E-08	7.39E-09	4.00E-08	2.27E-07
3516	479363.09	3849877.25	2.85E-04	2.95E-04	2.65E-04	9.88E-08	2.98E-07	1.73E-07	1.79E-07	1.62E-07	7.39E-08	6.64E-08	3.30E-09	7.97E-08	1.76E-08	2.42E-08	3.85E-08	6.78E-09	3.48E-08	2.05E-07
3517	479863.09	3849877.25	2.76E-04	2.87E-04	2.52E-04	9.56E-08	2.89E-07	1.67E-07	1.74E-07	1.57E-07	7.18E-08	6.32E-08	3.19E-09	7.72E-08	1.70E-08	2.36E-08	3.74E-08	6.59E-09	3.31E-08	1.98E-07
3518	480363.09	3849877.25	2.32E-04	2.40E-04	2.12E-04	8.03E-08	2.42E-07	1.40E-07	1.46E-07	1.32E-07	6.02E-08	5.31E-08	2.68E-09	6.48E-08	1.43E-08	1.98E-08	3.14E-08	5.53E-09	2.79E-08	1.66E-07
3519	480863.09	3849877.25	1.89E-04	1.96E-04	1.76E-04	6.57E-08	1.98E-07	1.15E-07	1.18E-07	1.07E-07	4.90E-08	4.42E-08	2.19E-09	5.30E-08	1.17E-08	1.61E-08	2.55E-08	4.50E-09	2.32E-08	1.36E-07
3520	481363.09	3849877.25	1.74E-04	1.79E-04	1.63E-04	6.03E-08	1.82E-07	1.05E-07	1.09E-07	9.85E-08	4.49E-08	4.07E-08	2.01E-09	4.86E-08	1.07E-08	1.47E-08	2.34E-08	4.12E-09	2.14E-08	1.25E-07
3521	481863.09	3849877.25	1.27E-04	1.30E-04	1.21E-04	4.39E-08	1.33E-07	7.68E-08	7.88E-08	7.15E-08	3.26E-08	3.02E-08	1.47E-09	3.54E-08	7.82E-09	1.07E-08	1.70E-08	2.99E-09	1.58E-08	9.12E-08
3522	482363.09	3849877.25	1.14E-04	1.16E-04	1.09E-04	3.94E-08	1.19E-07	6.89E-08	7.05E-08	6.39E-08	2.92E-08	2.73E-08	1.32E-09	3.18E-08	7.02E-09	9.58E-09	1.52E-08	2.68E-09	1.43E-08	8.19E-08
3523	482863.09	3849877.25	1.04E-04	1.06E-04	1.00E-04	3.60E-08	1.09E-07	6.30E-08	6.43E-08	5.83E-08	2.66E-08	2.51E-08	1.20E-09	2.91E-08	6.41E-09	8.74E-09	1.39E-08	2.44E-09	1.32E-08	7.49E-08
3524	483363.09	3849877.25	9.72E-05	9.92E-05	9.40E-05	3.37E-08	1.02E-07	5.89E-08	6.01E-08	5.45E-08	2.48E-08	2.36E-08	1.12E-09	2.72E-08	5.99E-09	8.16E-09	1.29E-08	2.28E-09	1.24E-08	7.00E-08
3525	483863.09	3849877.25	9.79E-05	9.99E-05	9.47E-05	3.39E-08	1.02E-07	5.93E-08	6.05E-08	5.49E-08	2.50E-08	2.37E-08	1.13E-09	2.74E-08	6.04E-09	8.22E-09	1.30E-08	2.30E-09	1.24E-08	7.05E-08
3526	484363.09	3849877.25	1.14E-04	1.17E-04	1.09E-04	3.95E-08	1.19E-07	6.91E-08	7.08E-08	6.42E-08	2.93E-08	2.74E-08	1.32E-09	3.19E-08	7.04E-09	9.61E-09	1.52E-08	2.69E-09	1.44E-08	8.22E-08
3527	484863.09	3849877.25	1.36E-04	1.40E-04	1.29E-04	4.72E-08	1.43E-07	8.26E-08	8.47E-08	7.68E-08	3.50E-08	3.24E-08	1.58E-09	3.81E-08	8.41E-09	1.15E-08	1.82E-08	3.22E-09	1.70E-08	9.80E-08
3528	485363.09	3849877.25	1.35E-04	1.38E-04	1.29E-04	4.68E-08	1.41E-07	8.19E-08	8.38E-08	7.59E-08	3.47E-08	3.24E-08	1.56E-09	3.78E-08	8.34E-09	1.14E-08	1.80E-08	3.18E-09	1.70E-08	9.73E-08
3529	485863.09	3849877.25	1.21E-04	1.24E-04	1.17E-04	4.20E-08	1.27E-07	7.34E-08	7.49E-08	6.79E-08	3.10E-08	2.93E-08	1.40E-09	3.39E-08	7.48E-09	1.02E-08	1.61E-08	2.84E-09	1.54E-08	8.73E-08
3530	486363.09	3849877.25	1.12E-04	1.14E-04	1.08E-04	3.87E-08	1.17E-07	6.76E-08	6.90E-08	6.25E-08	2.85E-08	2.71E-08	1.29E-09	3.12E-08	6.89E-09	9.36E-09	1.49E-08	2.62E-09	1.42E-08	8.04E-08
3531	486863.09	3849877.25	1.14E-04	1.17E-04	1.11E-04	3.96E-08	1.20E-07	6.93E-08	7.08E-08	6.41E-08	2.93E-08	2.77E-08	1.32E-09	3.20E-08	7.06E-09	9.61E-09	1.52E-08	2.69E-09	1.45E-08	8.24E-08
3532	487363.09	3849877.25	1.10E-04	1.13E-04	1.07E-04	3.82E-08	1.15E-07	6.68E-08	6.82E-08	6.18E-08	2.82E-08	2.68E-08	1.28E-09	3.08E-08	6.81E-09	9.26E-09	1.47E-08	2.59E-09	1.40E-08	7.95E-08
3533	487863.09	3849877.25	1.06E-04	1.09E-04	1.03E-04	3.69E-08	1.11E-07	6.45E-08	6.58E-08	5.96E-08	2.72E-08	2.58E-08	1.23E-09	2.97E-08	6.56E-09	8.93E-09	1.42E-08	2.50E-09	1.35E-08	7.67E-08
3534	488363.09	3849877.25	1.09E-04	1.12E-04	1.06E-04	3.79E-08	1.14E-07	6.63E-08	6.76E-08	6.13E-08	2.80E-08	2.66E-08	1.27E-09	3.06E-08	6.75E-09	9.18E-09	1.46E-08	2.57E-09	1.39E-08	7.89E-08
3535	488863.09	3849877.25	1.15E-04	1.18E-04	1.12E-04	4.00E-08	1.21E-07	6.99E-08	7.13E-08	6.46E-08	2.95E-08	2.80E-08	1.34E-09	3.23E-08	7.12E-09	9.68E-09	1.54E-08	2.71E-09	1.47E-08	8.32E-08
3536	489363.09	3849877.25	1.20E-04	1.22E-04	1.16E-04	4.14E-08	1.25E-07	7.24E-08	7.38E-08	6.69E-08	3.05E-08	2.90E-08	1.38E-09	3.34E-08	7.37E-09	1.00E-08	1.59E-08	2.80E-09	1.52E-08	8.61E-08
3537	489863.09	3849877.25	1.19E-04	1.22E-04	1.16E-04	4.14E-08	1.25E-07	7.23E-08	7.38E-08	6.69E-08	3.05E-08	2.90E-08	1.38E-09	3.34E-08	7.37E-09	1.00E-08	1.59E-08	2.80E-09	1.52E-08	8.60E-08
3538	490363.09	3849877.25	1.17E-04	1.20E-04	1.14E-04	4.07E-08	1.23E-07	7.12E-08	7.26E-08	6.58E-08	3.00E-08	2.85E-08	1.36E-09	3.28E-08	7.25E-09	9.86E-09	1.56E-08	2.76E-09	1.50E-08	8.47E-08
3539	490863.09	3849877.25	1.21E-04	1.23E-04	1.17E-04	4.20E-08	1.27E-07	7.33E-08	7.48E-08	6.78E-08	3.09E-08	2.94E-08	1.40E-09	3.38E-08	7.47E-09	1.02E-08	1.61E-08	2.84E-09	1.54E-08	8.72E-08
3540	491363.09	3849877.25	1.23E-04	1.25E-04	1.19E-04	4.25E-08	1.28E-07	7.43E-08	7.58E-08	6.87E-08	3.13E-08	2.98E-08	1.42E-09	3.43E-08	7.57E-09	1.03E-08	1.63E-08	2.88E-09	1.56E-08	8.84E-08
3541	491863.09	3849877.25	1.20E-04	1.22E-04	1.16E-04	4.16E-08	1.25E-07	7.26E-08	7.41E-08	6.72E-08	3.06E-08	2.91E-08	1.39E-09	3.35E-08	7.40E-09	1.01E-08	1.60E-08	2.81E-09	1.53E-08	8.64E-08
3542	492363.09	3849877.25	1.19E-04	1.22E-04	1.15E-04	4.13E-08	1.25E-07	7.21E-08	7.36E-08	6.67E-08	3.04E-08	2.89E-08	1.38E-09	3.33E-08	7.35E-09	9.99E-09	1.59E-08	2.79E-09	1.52E-08	8.58E-08
3543	492863.09	3849877.25	1.18E-04	1.20E-04	1.14E-04	4.08E-08	1.23E-07	7.14E-08	7.28E-08	6.60E-08	3.01E-08	2.86E-08	1.36E-09	3.29E-08	7.27E-09	9.89E-09	1.57E-08	2.77E-09	1.50E-08	8.49E-08
3544	493363.09	3849877.25	1.18E-04	1.21E-04	1.15E-04	4.10E-08	1.24E-07	7.16E-08	7.30E-08	6.62E-08	3.02E-08	2.87E-08	1.37E-09	3.30E-08	7.29E-09	9.92E-09	1.57E-08	2.77E-09	1.51E-08	8.52E-08

3545	493863.09	3849877.25	1.22E-04	1.24E-04	1.18E-04	4.22E-08	1.27E-07	7.37E-08	7.51E-08	6.81E-08	3.11E-08	2.96E-08	1.41E-09	3.40E-08	7.50E-09	1.02E-08	1.62E-08	2.85E-09	1.55E-08	8.77E-08
3546	494363.09	3849877.25	1.43E-04	1.46E-04	1.38E-04	4.94E-08	1.49E-07	8.64E-08	8.82E-08	8.00E-08	3.65E-08	3.45E-08	1.65E-09	3.99E-08	8.80E-09	1.20E-08	1.90E-08	3.35E-09	1.81E-08	1.03E-07
3547	494863.09	3849877.25	1.62E-04	1.65E-04	1.56E-04	5.60E-08	1.69E-07	9.79E-08	1.00E-07	9.07E-08	4.14E-08	3.90E-08	1.87E-09	4.52E-08	9.97E-09	1.36E-08	2.16E-08	3.80E-09	2.05E-08	1.16E-07
3548	495363.09	3849877.25	1.58E-04	1.61E-04	1.52E-04	5.48E-08	1.65E-07	9.58E-08	9.78E-08	8.87E-08	4.05E-08	3.82E-08	1.83E-09	4.42E-08	9.75E-09	1.33E-08	2.11E-08	3.71E-09	2.00E-08	1.14E-07
3549	495863.09	3849877.25	1.80E-04	1.84E-04	1.74E-04	6.25E-08	1.89E-07	1.09E-07	1.12E-07	1.01E-07	4.62E-08	4.35E-08	2.09E-09	5.05E-08	1.11E-08	1.52E-08	2.41E-08	4.24E-09	2.28E-08	1.30E-07
3550	496363.09	3849877.25	1.94E-04	1.98E-04	1.86E-04	6.71E-08	2.03E-07	1.17E-07	1.20E-07	1.09E-07	4.96E-08	4.65E-08	2.24E-09	5.41E-08	1.19E-08	1.63E-08	2.58E-08	4.55E-09	2.44E-08	1.39E-07
3551	496863.09	3849877.25	2.03E-04	2.08E-04	1.94E-04	7.03E-08	2.12E-07	1.23E-07	1.26E-07	1.14E-07	5.20E-08	4.86E-08	2.35E-09	5.67E-08	1.25E-08	1.71E-08	2.71E-08	4.77E-09	2.55E-08	1.46E-07
3552	497363.09	3849877.25	2.30E-04	2.36E-04	2.19E-04	7.96E-08	2.40E-07	1.39E-07	1.43E-07	1.29E-07	5.90E-08	5.48E-08	2.66E-09	6.42E-08	1.42E-08	1.94E-08	3.07E-08	5.42E-09	2.87E-08	1.65E-07
3553	497863.09	3849877.25	2.44E-04	2.50E-04	2.31E-04	8.44E-08	2.55E-07	1.48E-07	1.52E-07	1.37E-07	6.27E-08	5.79E-08	2.82E-09	6.81E-08	1.50E-08	2.06E-08	3.26E-08	5.75E-09	3.04E-08	1.75E-07
3554	498363.09	3849877.25	2.45E-04	2.51E-04	2.33E-04	8.49E-08	2.56E-07	1.48E-07	1.52E-07	1.38E-07	6.30E-08	5.83E-08	2.84E-09	6.85E-08	1.51E-08	2.07E-08	3.28E-08	5.78E-09	3.06E-08	1.76E-07
3555	471363.09	3850377.25	1.38E-04	1.41E-04	1.33E-04	4.77E-08	1.44E-07	8.34E-08	8.54E-08	7.74E-08	3.53E-08	3.33E-08	1.59E-09	3.85E-08	8.50E-09	1.16E-08	1.84E-08	3.24E-09	1.75E-08	9.93E-08
3556	471863.09	3850377.25	1.74E-04	1.78E-04	1.69E-04	6.02E-08	1.82E-07	1.05E-07	1.08E-07	9.75E-08	4.45E-08	4.22E-08	2.01E-09	4.85E-08	1.07E-08	1.46E-08	2.32E-08	4.08E-09	2.22E-08	1.25E-07
3557	472363.09	3850377.25	1.96E-04	2.00E-04	1.91E-04	6.79E-08	2.05E-07	1.19E-07	1.21E-07	1.10E-07	5.01E-08	4.78E-08	2.27E-09	5.47E-08	1.21E-08	1.64E-08	2.61E-08	4.60E-09	2.51E-08	1.41E-07
3558	472863.09	3850377.25	2.33E-04	2.38E-04	2.28E-04	8.08E-08	2.44E-07	1.41E-07	1.44E-07	1.31E-07	5.96E-08	5.72E-08	2.70E-09	6.51E-08	1.44E-08	1.95E-08	3.10E-08	5.47E-09	3.00E-08	1.68E-07
3559	473363.09	3850377.25	2.40E-04	2.45E-04	2.34E-04	8.30E-08	2.51E-07	1.45E-07	1.48E-07	1.34E-07	6.13E-08	5.87E-08	2.77E-09	6.70E-08	1.48E-08	2.01E-08	3.19E-08	5.62E-09	3.08E-08	1.73E-07
3560	473863.09	3850377.25	2.53E-04	2.59E-04	2.47E-04	8.78E-08	2.65E-07	1.53E-07	1.57E-07	1.42E-07	6.48E-08	6.19E-08	2.93E-09	7.08E-08	1.56E-08	2.13E-08	3.37E-08	5.95E-09	3.25E-08	1.83E-07
3561	474363.09	3850377.25	2.66E-04	2.72E-04	2.59E-04	9.22E-08	2.78E-07	1.61E-07	1.65E-07	1.49E-07	6.82E-08	6.49E-08	3.08E-09	7.44E-08	1.64E-08	2.24E-08	3.55E-08	6.26E-09	3.40E-08	1.92E-07
3562	474863.09	3850377.25	2.73E-04	2.80E-04	2.64E-04	9.48E-08	2.86E-07	1.66E-07	1.70E-07	1.54E-07	7.02E-08	6.63E-08	3.17E-09	7.65E-08	1.69E-08	2.30E-08	3.65E-08	6.44E-09	3.48E-08	1.97E-07
3563	475363.09	3850377.25	2.80E-04	2.87E-04	2.69E-04	9.71E-08	2.93E-07	1.70E-07	1.74E-07	1.58E-07	7.19E-08	6.75E-08	3.24E-09	7.83E-08	1.73E-08	2.36E-08	3.75E-08	6.60E-09	3.54E-08	2.02E-07
3564	475863.09	3850377.25	2.80E-04	2.87E-04	2.68E-04	9.70E-08	2.93E-07	1.70E-07	1.74E-07	1.58E-07	7.20E-08	6.71E-08	3.24E-09	7.82E-08	1.73E-08	2.36E-08	3.75E-08	6.61E-09	3.52E-08	2.02E-07
3565	476363.09	3850377.25	2.75E-04	2.82E-04	2.62E-04	9.53E-08	2.88E-07	1.66E-07	1.71E-07	1.55E-07	7.08E-08	6.56E-08	3.18E-09	7.68E-08	1.70E-08	2.32E-08	3.68E-08	6.49E-09	3.45E-08	1.98E-07
3566	476863.09	3850377.25	2.77E-04	2.84E-04	2.64E-04	9.59E-08	2.89E-07	1.68E-07	1.72E-07	1.56E-07	7.12E-08	6.61E-08	3.20E-09	7.73E-08	1.71E-08	2.34E-08	3.71E-08	6.54E-09	3.47E-08	1.99E-07
3567	477363.09	3850377.25	3.09E-04	3.16E-04	2.98E-04	1.07E-07	3.23E-07	1.87E-07	1.92E-07	1.74E-07	7.93E-08	7.46E-08	3.57E-09	8.63E-08	1.90E-08	2.60E-08	4.13E-08	7.28E-09	3.91E-08	2.23E-07
3568	477863.09	3850377.25	3.61E-04	3.68E-04	3.52E-04	1.25E-07	3.77E-07	2.18E-07	2.23E-07	2.02E-07	9.23E-08	8.83E-08	4.17E-09	1.01E-07	2.22E-08	3.03E-08	4.80E-08	8.47E-09	4.63E-08	2.60E-07
3569	478363.09	3850377.25	3.76E-04	3.83E-04	3.69E-04	1.30E-07	3.93E-07	2.28E-07	2.32E-07	2.11E-07	9.61E-08	9.26E-08	4.35E-09	1.05E-07	2.32E-08	3.15E-08	5.00E-08	8.82E-09	4.86E-08	2.72E-07
3570	478863.09	3850377.25	3.78E-04	3.85E-04	3.72E-04	1.31E-07	3.96E-07	2.29E-07	2.33E-07	2.12E-07	9.65E-08	9.33E-08	4.38E-09	1.06E-07	2.33E-08	3.17E-08	5.03E-08	8.86E-09	4.90E-08	2.73E-07
3571	479363.09	3850377.25	3.71E-04	3.80E-04	3.61E-04	1.29E-07	3.88E-07	2.25E-07	2.30E-07	2.08E-07	9.51E-08	9.04E-08	4.30E-09	1.04E-07	2.29E-08	3.12E-08	4.95E-08	8.73E-09	4.75E-08	2.68E-07
3572	479863.09	3850377.25	3.39E-04	3.50E-04	3.16E-04	1.17E-07	3.54E-07	2.05E-07	2.12E-07	1.92E-07	8.77E-08	7.92E-08	3.92E-09	9.46E-08	2.09E-08	2.88E-08	4.56E-08	8.04E-09	4.15E-08	2.43E-07
3573	480363.09	3850377.25	3.12E-04	3.25E-04	2.85E-04	1.08E-07	3.27E-07	1.89E-07	1.97E-07	1.78E-07	8.13E-08	7.13E-08	3.61E-09	8.73E-08	1.93E-08	2.67E-08	4.23E-08	7.46E-09	3.74E-08	2.24E-07
3574	480863.09	3850377.25	2.88E-04	2.98E-04	2.64E-04	9.97E-08	3.01E-07	1.74E-07	1.81E-07	1.64E-07	7.47E-08	6.62E-08	3.33E-09	8.04E-08	1.77E-08	2.45E-08	3.89E-08	6.86E-09	3.48E-08	2.06E-07
3575	481363.09	3850377.25	2.01E-04	2.08E-04	1.87E-04	6.98E-08	2.11E-07	1.22E-07	1.26E-07	1.14E-07	5.21E-08	4.68E-08	2.33E-09	5.63E-08	1.24E-08	1.71E-08	2.71E-08	4.78E-09	2.46E-08	1.45E-07
3576	481863.09	3850377.25	1.93E-04	1.99E-04	1.79E-04	6.67E-08	2.01E-07	1.17E-07	1.20E-07	1.09E-07	4.98E-08	4.49E-08	2.23E-09	5.38E-08	1.19E-08	1.63E-08	2.59E-08	4.57E-09	2.36E-08	1.38E-07
3577	482363.09	3850377.25	1.76E-04	1.81E-04	1.64E-04	6.08E-08	1.84E-07	1.06E-07	1.10E-07	9.94E-08	4.54E-08	4.11E-08	2.03E-09	4.91E-08	1.08E-08	1.49E-08	2.36E-08	4.16E-09	2.16E-08	1.26E-07
3578	482863.09	3850377.25	1.34E-04	1.37E-04	1.27E-04	4.64E-08	1.40E-07	8.11E-08	8.32E-08	7.54E-08	3.44E-08	3.18E-08	1.55E-09	3.74E-08	8.25E-09	1.13E-08	1.79E-08	3.16E-09	1.67E-08	9.63E-08
3579	483363.09	3850377.25	1.17E-04	1.20E-04	1.12E-04	4.05E-08	1.22E-07	7.07E-08	7.24E-08	6.56E-08	2.99E-08	2.80E-08	1.35E-09	3.26E-08	7.20E-09	9.83E-09	1.56E-08	2.75E-09	1.47E-08	8.41E-08
3580	483863.09	3850377.25	1.22E-04	1.25E-04	1.17E-04	4.24E-08	1.28E-07	7.42E-08	7.60E-08	6.89E-08	3.14E-08	2.94E-08	1.42E-09	3.42E-08	7.55E-09	1.03E-08	1.64E-08	2.88E-09	1.54E-08	8.82E-08
3581	484363.09	3850377.25	1.37E-04	1.41E-04	1.30E-04	4.76E-08	1.44E-07	8.32E-08	8.55E-08	7.75E-08	3.54E-08	3.26E-08	1.59E-09	3.84E-08	8.48E-09	1.16E-08	1.84E-08	3.24E-09	1.71E-08	9.88E-08
3582	484863.09	3850377.25	1.52E-04	1.56E-04	1.43E-04	5.27E-08	1.59E-07	9.21E-08	9.48E-08	8.59E-08	3.92E-08	3.58E-08	1.76E-09	4.25E-08	9.38E-09	1.29E-08	2.04E-08	3.60E-09	1.88E-08	1.09E-07
3583	485363.09	3850377.25	1.57E-04	1.61E-04	1.49E-04	5.43E-08	1.64E-07	9.50E-08	9.74E-08	8.83E-08	4.03E-08	3.73E-08	1.81E-09	4.38E-08	9.67E-09	1.32E-08	2.10E-08	3.70E-09	1.96E-08	1.13E-07
3584	485863.09	3850377.25	1.48E-04	1.52E-04	1.42E-04	5.14E-08	1.55E-07	8.99E-08	9.19E-08	8.33E-08	3.80E-08	3.56E-08	1.72E-09	4.15E-08	9.15E-09	1.25E-08	1.98E-08	3.49E-09	1.87E-08	1.07E-07
3585	486363.09	3850377.25	1.42E-04	1.45E-04	1.36E-04	4.93E-08	1.49E-07	8.61E-08	8.80E-08	7.98E-08	3.64E-08	3.42E-08	1.65E-09	3.97E-08	8.77E-09	1.20E-08	1.90E-08	3.34E-09	1.79E-08	1.02E-07
3586	486863.09	3850377.25	1.39E-04	1.42E-04	1.34E-04	4.81E-08	1.45E-07	8.41E-08	8.59E-08	7.79E-08	3.55E-08	3.35E-08	1.61E-09	3.88E-08	8.56E-09	1.17E-08	1.85E-08	3.26E-09	1.76E-08	9.99E-08
3587	487363.09	3850377.25	1.28E-04	1.31E-04	1.23E-04	4.43E-08	1.34E-07	7.74E-08	7.91E-08	7.17E-08	3.27E-08	3.09E-08	1.48E-09	3.57E-08	7.88E-09	1.07E-08	1.70E-08	3.00E-09	1.62E-08	9.21E-08
3588	487863.09	3850377.25	1.24E-04	1.27E-04	1.19E-04	4.29E-08	1.30E-07	7.50E-08	7.66E-08	6.95E-08	3.17E-08	2.99E-08	1.43E-09	3.46E-08	7.64E-09	1.04E-08	1.65E-08	2.91E-09	1.57E-08	8.92E-08
3589	488363.09	3850377.25	1.28E-04	1.31E-04	1.23E-04	4.43E-08	1.34E-07	7.75E-08	7.92E-08	7.18E-08	3.28E-08	3.09E-08	1.48E-09	3.58E-08	7.89E-09	1.08E-08	1.71E-08	3.01E-09	1.62E-08	9.22E-08
3590	488863.09	3850377.25	1.34E-04	1.37E-04	1.29E-04	4.65E-08	1.40E-07	8.13E-08	8.31E-08	7.53E-08	3.44E-08	3.24E-08	1.55E-09	3.75E-08	8.28E-09	1.13E-08	1.79E-08	3.15E-09	1.70E-08	9.67E-08
3591	489363.09	3850377.25	1.38E-04	1.41E-04	1.34E-04	4.80E-08	1.45E-07	8.39E-08	8.56E-08	7.76E-08	3.54E-08	3.35E-08	1.60E-09	3.87E-08	8.54E-09	1.16E-08	1.84E-08	3.25E-09	1.76E-08	9.97E-08
3592	489863.09	3850377.25	1.38E-04	1.41E-04	1.33E-04	4.78E-08	1.44E-07	8.35E-08	8.53E-08	7.73E-08	3.53E-08	3.33E-08	1.60E-09	3.85E-08	8.50E-09	1.16E-08	1.84E-08	3.24E-09	1.75E-08	9.93E-08
3593	490363.09	3850377.25	1.39E-04	1.42E-04	1.34E-04	4.82E-08	1.46E-07	8.43E-08	8.61E-08	7.80E-08	3.56E-08	3.36E-08	1.61E-09	3.89E-08	8.58E-09	1.17E-08	1.85E-08	3.27E-09	1.76E-08	1.00E-07
3594	490863.09	3850377.25	1.43E-04	1.46E-04	1.38E-04	4.95E-08	1.49E-07	8.65E-08	8.84E-08	8.01E-08	3.65E-08	3.46E-08	1.65E-09	3.99E-08	8.81E-09	1.20E-08	1.90E-08	3.35E-09	1.81E-08	1.03E-07
3595	491363.09	3850377.25	1.44E-04	1.48E-04	1.39E-04	5.01E-08	1.51E-07	8.75E-08	8.94E-08	8.10E-08	3.70E-08	3.49E-08	1.67E-09	4.04E-08	8.91E-09	1.21E-08	1.92E-08	3.39E-09	1.83E-08	1.04E-07
3596	491863.09	3850377.25	1.42E-04	1.45E-04	1.37E-04	4.92E-08	1.49E-07	8.60E-08	8.79E-08	7.96E-08	3.63E-08	3.43E-08	1.64E-09	3.97E-08	8.76E-09	1.19E-08	1.89E-08	3.33E-09	1.80E-08	1.02E-07
3597	492363.09	3850377.25	1.40E-04	1.43E-04	1.35E-04	4.86E-08	1.47E-07	8.50E-08	8.68E-08	7.87E-08	3.59E-08	3.39E-08	1.62E-09	3.92E-08	8.65E-09	1.18E-08	1.87E-08	3.30E-09	1.78E-08	1.01E-07

3598	492863.09	3850377.25	1.44E-04	1.47E-04	1.39E-04	4.98E-08	1.50E-07	8.71E-08	8.90E-08	8.07E-08	3.68E-08	3.48E-08	1.66E-09	4.02E-08	8.87E-09	1.21E-08	1.92E-08	3.38E-09	1.82E-08	1.04E-07
3599	493363.09	3850377.25	1.46E-04	1.49E-04	1.41E-04	5.05E-08	1.53E-07	8.83E-08	9.02E-08	8.18E-08	3.73E-08	3.52E-08	1.69E-09	4.08E-08	8.99E-09	1.22E-08	1.94E-08	3.42E-09	1.85E-08	1.05E-07
3600	493863.09	3850377.25	1.61E-04	1.65E-04	1.55E-04	5.59E-08	1.69E-07	9.77E-08	9.99E-08	9.05E-08	4.13E-08	3.89E-08	1.87E-09	4.51E-08	9.95E-09	1.36E-08	2.15E-08	3.79E-09	2.04E-08	1.16E-07
3601	494363.09	3850377.25	1.76E-04	1.80E-04	1.69E-04	6.10E-08	1.84E-07	1.07E-07	1.09E-07	9.88E-08	4.51E-08	4.23E-08	2.04E-09	4.92E-08	1.09E-08	1.48E-08	2.35E-08	4.14E-09	2.22E-08	1.27E-07
3602	494863.09	3850377.25	1.98E-04	2.03E-04	1.90E-04	6.87E-08	2.07E-07	1.20E-07	1.23E-07	1.11E-07	5.08E-08	4.76E-08	2.29E-09	5.54E-08	1.22E-08	1.67E-08	2.65E-08	4.66E-09	2.50E-08	1.43E-07
3603	495363.09	3850377.25	2.23E-04	2.29E-04	2.13E-04	7.73E-08	2.33E-07	1.35E-07	1.38E-07	1.25E-07	5.73E-08	5.33E-08	2.58E-09	6.23E-08	1.38E-08	1.88E-08	2.98E-08	5.25E-09	2.80E-08	1.61E-07
3604	495863.09	3850377.25	2.25E-04	2.31E-04	2.15E-04	7.81E-08	2.36E-07	1.37E-07	1.40E-07	1.27E-07	5.79E-08	5.39E-08	2.61E-09	6.30E-08	1.39E-08	1.90E-08	3.01E-08	5.31E-09	2.83E-08	1.62E-07
3605	496363.09	3850377.25	2.47E-04	2.54E-04	2.35E-04	8.57E-08	2.59E-07	1.50E-07	1.54E-07	1.39E-07	6.36E-08	5.89E-08	2.86E-09	6.92E-08	1.53E-08	2.09E-08	3.31E-08	5.84E-09	3.09E-08	1.78E-07
3606	496863.09	3850377.25	2.67E-04	2.75E-04	2.53E-04	9.26E-08	2.80E-07	1.62E-07	1.66E-07	1.51E-07	6.88E-08	6.34E-08	3.09E-09	7.47E-08	1.65E-08	2.26E-08	3.58E-08	6.31E-09	3.33E-08	1.92E-07
3607	497363.09	3850377.25	2.79E-04	2.87E-04	2.64E-04	9.68E-08	2.92E-07	1.69E-07	1.74E-07	1.58E-07	7.19E-08	6.61E-08	3.23E-09	7.81E-08	1.72E-08	2.36E-08	3.75E-08	6.60E-09	3.47E-08	2.01E-07
3608	497863.09	3850377.25	2.85E-04	2.93E-04	2.69E-04	9.87E-08	2.98E-07	1.73E-07	1.77E-07	1.61E-07	7.34E-08	6.75E-08	3.30E-09	7.97E-08	1.76E-08	2.41E-08	3.82E-08	6.73E-09	3.54E-08	2.05E-07
3609	498363.09	3850377.25	2.91E-04	2.99E-04	2.76E-04	1.01E-07	3.05E-07	1.77E-07	1.81E-07	1.64E-07	7.50E-08	6.91E-08	3.37E-09	8.15E-08	1.80E-08	2.46E-08	3.91E-08	6.88E-09	3.63E-08	2.10E-07
3610	471363.09	3850877.25	1.61E-04	1.65E-04	1.53E-04	5.56E-08	1.68E-07	9.72E-08	9.98E-08	9.05E-08	4.13E-08	3.84E-08	1.86E-09	4.49E-08	9.90E-09	1.35E-08	2.15E-08	3.79E-09	2.01E-08	1.16E-07
3611	471863.09	3850877.25	1.75E-04	1.80E-04	1.68E-04	6.07E-08	1.83E-07	1.06E-07	1.09E-07	9.87E-08	4.50E-08	4.21E-08	2.03E-09	4.90E-08	1.08E-08	1.48E-08	2.34E-08	4.13E-09	2.21E-08	1.26E-07
3612	472363.09	3850877.25	1.99E-04	2.04E-04	1.92E-04	6.90E-08	2.08E-07	1.21E-07	1.24E-07	1.12E-07	5.11E-08	4.82E-08	2.31E-09	5.57E-08	1.23E-08	1.68E-08	2.66E-08	4.69E-09	2.53E-08	1.44E-07
3613	472863.09	3850877.25	2.28E-04	2.33E-04	2.22E-04	7.91E-08	2.39E-07	1.38E-07	1.41E-07	1.28E-07	5.84E-08	5.56E-08	2.64E-09	6.38E-08	1.41E-08	1.92E-08	3.04E-08	5.36E-09	2.92E-08	1.65E-07
3614	473363.09	3850877.25	2.23E-04	2.28E-04	2.17E-04	7.72E-08	2.33E-07	1.35E-07	1.38E-07	1.25E-07	5.70E-08	5.43E-08	2.58E-09	6.23E-08	1.37E-08	1.87E-08	2.97E-08	5.24E-09	2.85E-08	1.61E-07
3615	473863.09	3850877.25	2.51E-04	2.56E-04	2.45E-04	8.70E-08	2.63E-07	1.52E-07	1.55E-07	1.41E-07	6.42E-08	6.14E-08	2.91E-09	7.02E-08	1.55E-08	2.11E-08	3.35E-08	5.90E-09	3.22E-08	1.81E-07
3616	474363.09	3850877.25	2.82E-04	2.87E-04	2.76E-04	9.76E-08	2.95E-07	1.71E-07	1.74E-07	1.58E-07	7.20E-08	6.91E-08	3.26E-09	7.87E-08	1.74E-08	2.36E-08	3.75E-08	6.61E-09	3.62E-08	2.03E-07
3617	474863.09	3850877.25	2.93E-04	2.99E-04	2.86E-04	1.02E-07	3.07E-07	1.78E-07	1.81E-07	1.64E-07	7.50E-08	7.17E-08	3.39E-09	8.19E-08	1.81E-08	2.46E-08	3.90E-08	6.88E-09	3.76E-08	2.12E-07
3618	475363.09	3850877.25	3.03E-04	3.10E-04	2.94E-04	1.05E-07	3.17E-07	1.84E-07	1.88E-07	1.70E-07	7.76E-08	7.37E-08	3.51E-09	8.47E-08	1.87E-08	2.55E-08	4.04E-08	7.12E-09	3.87E-08	2.19E-07
3619	475863.09	3850877.25	3.11E-04	3.19E-04	3.00E-04	1.08E-07	3.26E-07	1.89E-07	1.93E-07	1.75E-07	7.99E-08	7.53E-08	3.60E-09	8.70E-08	1.92E-08	2.62E-08	4.16E-08	7.33E-09	3.95E-08	2.24E-07
3620	476363.09	3850877.25	3.15E-04	3.23E-04	3.03E-04	1.09E-07	3.30E-07	1.91E-07	1.96E-07	1.78E-07	8.10E-08	7.58E-08	3.65E-09	8.81E-08	1.94E-08	2.66E-08	4.22E-08	7.44E-09	3.98E-08	2.27E-07
3621	476863.09	3850877.25	3.13E-04	3.22E-04	2.99E-04	1.09E-07	3.28E-07	1.90E-07	1.95E-07	1.77E-07	8.06E-08	7.49E-08	3.62E-09	8.76E-08	1.93E-08	2.65E-08	4.20E-08	7.40E-09	3.93E-08	2.26E-07
3622	477363.09	3850877.25	3.16E-04	3.24E-04	3.00E-04	1.09E-07	3.30E-07	1.91E-07	1.96E-07	1.78E-07	8.13E-08	7.53E-08	3.65E-09	8.82E-08	1.95E-08	2.67E-08	4.23E-08	7.46E-09	3.95E-08	2.27E-07
3623	477863.09	3850877.25	3.48E-04	3.57E-04	3.35E-04	1.21E-07	3.64E-07	2.11E-07	2.16E-07	1.96E-07	8.95E-08	8.39E-08	4.03E-09	9.73E-08	2.15E-08	2.94E-08	4.66E-08	8.21E-09	4.40E-08	2.51E-07
3624	478363.09	3850877.25	4.13E-04	4.22E-04	4.03E-04	1.43E-07	4.32E-07	2.50E-07	2.55E-07	2.32E-07	1.06E-07	1.01E-07	4.78E-09	1.15E-07	2.55E-08	3.47E-08	5.50E-08	9.70E-09	5.30E-08	2.98E-07
3625	478863.09	3850877.25	4.59E-04	4.68E-04	4.52E-04	1.59E-07	4.80E-07	2.78E-07	2.83E-07	2.57E-07	1.17E-07	1.13E-07	5.31E-09	1.28E-07	2.83E-08	3.85E-08	6.10E-08	1.08E-08	5.95E-08	3.32E-07
3626	479363.09	3850877.25	4.42E-04	4.50E-04	4.35E-04	1.53E-07	4.62E-07	2.68E-07	2.73E-07	2.47E-07	1.13E-07	1.09E-07	5.11E-09	1.24E-07	2.73E-08	3.70E-08	5.88E-08	1.04E-08	5.72E-08	3.19E-07
3627	479863.09	3850877.25	4.12E-04	4.22E-04	3.99E-04	1.43E-07	4.31E-07	2.50E-07	2.55E-07	2.32E-07	1.06E-07	1.00E-07	4.77E-09	1.15E-07	2.54E-08	3.47E-08	5.50E-08	9.70E-09	5.25E-08	2.97E-07
3628	480363.09	3850877.25	4.21E-04	4.33E-04	3.97E-04	1.46E-07	4.40E-07	2.55E-07	2.62E-07	2.38E-07	1.09E-07	9.95E-08	4.87E-09	1.18E-07	2.59E-08	3.56E-08	5.65E-08	9.96E-09	5.22E-08	3.03E-07
3629	480863.09	3850877.25	3.97E-04	4.11E-04	3.66E-04	1.37E-07	4.15E-07	2.40E-07	2.49E-07	2.26E-07	1.03E-07	9.16E-08	4.59E-09	1.11E-07	2.45E-08	3.38E-08	5.37E-08	9.46E-09	4.81E-08	2.85E-07
3630	481363.09	3850877.25	3.37E-04	3.49E-04	3.11E-04	1.17E-07	3.53E-07	2.04E-07	2.12E-07	1.92E-07	8.76E-08	7.78E-08	3.90E-09	9.43E-08	2.08E-08	2.87E-08	4.56E-08	8.04E-09	4.08E-08	2.42E-07
3631	481863.09	3850877.25	2.85E-04	2.95E-04	2.64E-04	9.89E-08	2.99E-07	1.73E-07	1.79E-07	1.62E-07	7.40E-08	6.61E-08	3.30E-09	7.98E-08	1.76E-08	2.43E-08	3.85E-08	6.79E-09	3.47E-08	2.05E-07
3632	482363.09	3850877.25	2.32E-04	2.40E-04	2.14E-04	8.03E-08	2.42E-07	1.40E-07	1.45E-07	1.32E-07	6.00E-08	5.37E-08	2.68E-09	6.48E-08	1.43E-08	1.97E-08	3.13E-08	5.51E-09	2.82E-08	1.66E-07
3633	482863.09	3850877.25	1.93E-04	2.00E-04	1.80E-04	6.70E-08	2.02E-07	1.17E-07	1.21E-07	1.10E-07	5.00E-08	4.51E-08	2.24E-09	5.40E-08	1.19E-08	1.64E-08	2.60E-08	4.59E-09	2.37E-08	1.39E-07
3634	483363.09	3850877.25	1.59E-04	1.63E-04	1.49E-04	5.50E-08	1.66E-07	9.62E-08	9.90E-08	8.97E-08	4.09E-08	3.74E-08	1.84E-09	4.44E-08	9.79E-09	1.34E-08	2.13E-08	3.76E-09	1.97E-08	1.14E-07
3635	483863.09	3850877.25	1.54E-04	1.58E-04	1.46E-04	5.34E-08	1.61E-07	9.34E-08	9.60E-08	8.70E-08	3.97E-08	3.65E-08	1.78E-09	4.31E-08	9.51E-09	1.30E-08	2.07E-08	3.64E-09	1.92E-08	1.11E-07
3636	484363.09	3850877.25	1.73E-04	1.78E-04	1.62E-04	5.98E-08	1.81E-07	1.05E-07	1.08E-07	9.76E-08	4.45E-08	4.06E-08	2.00E-09	4.82E-08	1.06E-08	1.46E-08	2.32E-08	4.09E-09	2.13E-08	1.24E-07
3637	484863.09	3850877.25	1.69E-04	1.74E-04	1.58E-04	5.86E-08	1.77E-07	1.02E-07	1.06E-07	9.57E-08	4.37E-08	3.96E-08	1.96E-09	4.73E-08	1.04E-08	1.43E-08	2.27E-08	4.01E-09	2.08E-08	1.21E-07
3638	485363.09	3850877.25	1.78E-04	1.83E-04	1.68E-04	6.19E-08	1.87E-07	1.08E-07	1.11E-07	1.01E-07	4.60E-08	4.22E-08	2.07E-09	4.99E-08	1.10E-08	1.51E-08	2.39E-08	4.22E-09	2.21E-08	1.28E-07
3639	485863.09	3850877.25	1.68E-04	1.72E-04	1.60E-04	5.81E-08	1.75E-07	1.01E-07	1.04E-07	9.43E-08	4.30E-08	4.00E-08	1.94E-09	4.68E-08	1.03E-08	1.41E-08	2.24E-08	3.95E-09	2.10E-08	1.21E-07
3640	486363.09	3850877.25	1.70E-04	1.74E-04	1.62E-04	5.88E-08	1.77E-07	1.03E-07	1.05E-07	9.53E-08	4.35E-08	4.06E-08	1.96E-09	4.74E-08	1.05E-08	1.43E-08	2.26E-08	3.99E-09	2.13E-08	1.22E-07
3641	486863.09	3850877.25	1.65E-04	1.69E-04	1.58E-04	5.72E-08	1.73E-07	9.99E-08	1.02E-07	9.27E-08	4.23E-08	3.97E-08	1.91E-09	4.61E-08	1.02E-08	1.39E-08	2.20E-08	3.88E-09	2.08E-08	1.19E-07
3642	487363.09	3850877.25	1.50E-04	1.53E-04	1.44E-04	5.20E-08	1.57E-07	9.09E-08	9.29E-08	8.43E-08	3.84E-08	3.62E-08	1.74E-09	4.19E-08	9.25E-09	1.26E-08	2.00E-08	3.53E-09	1.90E-08	1.08E-07
3643	487863.09	3850877.25	1.46E-04	1.49E-04	1.40E-04	5.05E-08	1.52E-07	8.82E-08	9.03E-08	8.18E-08	3.73E-08	3.50E-08	1.68E-09	4.07E-08	8.98E-09	1.23E-08	1.94E-08	3.43E-09	1.84E-08	1.05E-07
3644	488363.09	3850877.25	1.52E-04	1.56E-04	1.46E-04	5.27E-08	1.59E-07	9.22E-08	9.44E-08	8.55E-08	3.90E-08	3.65E-08	1.76E-09	4.25E-08	9.39E-09	1.28E-08	2.03E-08	3.58E-09	1.92E-08	1.10E-07
3645	488863.09	3850877.25	1.58E-04	1.62E-04	1.52E-04	5.49E-08	1.66E-07	9.60E-08	9.82E-08	8.90E-08	4.06E-08	3.81E-08	1.83E-09	4.43E-08	9.78E-09	1.33E-08	2.12E-08	3.73E-09	2.00E-08	1.14E-07
3646	489363.09	3850877.25	1.65E-04	1.68E-04	1.58E-04	5.70E-08	1.72E-07	9.97E-08	1.02E-07	9.24E-08	4.22E-08	3.96E-08	1.90E-09	4.60E-08	1.02E-08	1.38E-08	2.20E-08	3.87E-09	2.08E-08	1.19E-07
3647	489863.09	3850877.25	1.65E-04	1.69E-04	1.59E-04	5.72E-08	1.73E-07	1.00E-07	1.02E-07	9.27E-08	4.23E-08	3.97E-08	1.91E-09	4.62E-08	1.02E-08	1.39E-08	2.20E-08	3.88E-09	2.08E-08	1.19E-07
3648	490363.09	3850877.25	1.71E-04	1.75E-04	1.64E-04	5.92E-08	1.79E-07	1.03E-07	1.06E-07	9.59E-08	4.38E-08	4.11E-08	1.98E-09	4.77E-08	1.05E-08	1.44E-08	2.28E-08	4.02E-09	2.16E-08	1.23E-07
3649	490863.09	3850877.25	1.76E-04	1.80E-04	1.69E-04	6.09E-08	1.84E-07	1.06E-07	1.09E-07	9.87E-08	4.50E-08	4.23E-08	2.03E-09	4.91E-08	1.08E-08	1.48E-08	2.35E-08	4.13E-09	2.22E-08	1.27E-07
3650	491363.09	3850877.25	1.75E-04	1.80E-04	1.68E-04	6.08E-08	1.84E-07	1.06E-07	1.09E-07	9.86E-08	4.50E-08	4.22E-08	2.03E-09	4.91E-08	1.08E-08	1.48E-08	2.34E-08	4.13E-09	2.21E-08	1.26E-07

3651	491863.09	3850877.25	1.75E-04	1.79E-04	1.68E-04	6.07E-08	1.83E-07	1.06E-07	1.09E-07	9.85E-08	4.49E-08	4.20E-08	2.03E-09	4.90E-08	1.08E-08	1.48E-08	2.34E-08	4.12E-09	2.20E-08	1.26E-07
3652	492363.09	3850877.25	1.78E-04	1.82E-04	1.70E-04	6.15E-08	1.86E-07	1.08E-07	1.10E-07	9.98E-08	4.56E-08	4.26E-08	2.05E-09	4.96E-08	1.10E-08	1.50E-08	2.37E-08	4.18E-09	2.24E-08	1.28E-07
3653	492863.09	3850877.25	1.84E-04	1.88E-04	1.76E-04	6.38E-08	1.93E-07	1.11E-07	1.14E-07	1.03E-07	4.72E-08	4.42E-08	2.13E-09	5.14E-08	1.14E-08	1.55E-08	2.46E-08	4.33E-09	2.32E-08	1.33E-07
3654	493363.09	3850877.25	1.94E-04	1.99E-04	1.86E-04	6.73E-08	2.03E-07	1.18E-07	1.21E-07	1.09E-07	4.99E-08	4.66E-08	2.25E-09	5.43E-08	1.20E-08	1.64E-08	2.60E-08	4.58E-09	2.45E-08	1.40E-07
3655	493863.09	3850877.25	2.15E-04	2.21E-04	2.05E-04	7.47E-08	2.25E-07	1.30E-07	1.34E-07	1.21E-07	5.53E-08	5.15E-08	2.49E-09	6.02E-08	1.33E-08	1.82E-08	2.88E-08	5.08E-09	2.70E-08	1.55E-07
3656	494363.09	3850877.25	2.31E-04	2.37E-04	2.20E-04	8.01E-08	2.42E-07	1.40E-07	1.44E-07	1.30E-07	5.94E-08	5.52E-08	2.68E-09	6.46E-08	1.43E-08	1.95E-08	3.09E-08	5.45E-09	2.89E-08	1.66E-07
3657	494863.09	3850877.25	2.56E-04	2.63E-04	2.43E-04	8.88E-08	2.68E-07	1.55E-07	1.59E-07	1.44E-07	6.59E-08	6.10E-08	2.97E-09	7.17E-08	1.58E-08	2.16E-08	3.43E-08	6.05E-09	3.20E-08	1.84E-07
3658	495363.09	3850877.25	2.83E-04	2.90E-04	2.67E-04	9.79E-08	2.96E-07	1.71E-07	1.76E-07	1.59E-07	7.27E-08	6.70E-08	3.27E-09	7.90E-08	1.74E-08	2.39E-08	3.79E-08	6.67E-09	3.51E-08	2.03E-07
3659	495863.09	3850877.25	2.92E-04	3.00E-04	2.76E-04	1.01E-07	3.06E-07	1.77E-07	1.82E-07	1.65E-07	7.52E-08	6.91E-08	3.38E-09	8.16E-08	1.80E-08	2.47E-08	3.92E-08	6.90E-09	3.63E-08	2.10E-07
3660	496363.09	3850877.25	3.05E-04	3.14E-04	2.88E-04	1.06E-07	3.19E-07	1.85E-07	1.90E-07	1.72E-07	7.87E-08	7.21E-08	3.53E-09	8.53E-08	1.88E-08	2.58E-08	4.10E-08	7.22E-09	3.78E-08	2.20E-07
3661	496863.09	3850877.25	3.27E-04	3.37E-04	3.07E-04	1.13E-07	3.42E-07	1.98E-07	2.04E-07	1.85E-07	8.44E-08	7.70E-08	3.79E-09	9.14E-08	2.02E-08	2.77E-08	4.39E-08	7.74E-09	4.04E-08	2.35E-07
3662	497363.09	3850877.25	3.35E-04	3.45E-04	3.15E-04	1.16E-07	3.51E-07	2.03E-07	2.09E-07	1.89E-07	8.64E-08	7.90E-08	3.88E-09	9.37E-08	2.07E-08	2.84E-08	4.50E-08	7.93E-09	4.14E-08	2.41E-07
3663	497863.09	3850877.25	3.40E-04	3.49E-04	3.20E-04	1.18E-07	3.55E-07	2.06E-07	2.12E-07	1.92E-07	8.75E-08	8.02E-08	3.93E-09	9.49E-08	2.10E-08	2.87E-08	4.56E-08	8.03E-09	4.21E-08	2.44E-07
3664	498363.09	3850877.25	3.43E-04	3.53E-04	3.24E-04	1.19E-07	3.59E-07	2.08E-07	2.14E-07	1.94E-07	8.85E-08	8.12E-08	3.98E-09	9.60E-08	2.12E-08	2.90E-08	4.61E-08	8.12E-09	4.26E-08	2.47E-07
3665	471363.09	3851377.25	1.71E-04	1.76E-04	1.63E-04	5.94E-08	1.79E-07	1.04E-07	1.07E-07	9.67E-08	4.41E-08	4.07E-08	1.98E-09	4.79E-08	1.06E-08	1.45E-08	2.30E-08	4.05E-09	2.14E-08	1.23E-07
3666	471863.09	3851377.25	2.03E-04	2.09E-04	1.93E-04	7.04E-08	2.12E-07	1.23E-07	1.26E-07	1.15E-07	5.23E-08	4.83E-08	2.35E-09	5.67E-08	1.25E-08	1.72E-08	2.72E-08	4.80E-09	2.54E-08	1.46E-07
3667	472363.09	3851377.25	2.08E-04	2.13E-04	1.98E-04	7.20E-08	2.17E-07	1.26E-07	1.29E-07	1.17E-07	5.35E-08	4.95E-08	2.40E-09	5.81E-08	1.28E-08	1.76E-08	2.78E-08	4.91E-09	2.60E-08	1.50E-07
3668	472863.09	3851377.25	2.13E-04	2.18E-04	2.03E-04	7.37E-08	2.23E-07	1.29E-07	1.32E-07	1.20E-07	5.47E-08	5.09E-08	2.46E-09	5.95E-08	1.31E-08	1.80E-08	2.85E-08	5.02E-09	2.67E-08	1.53E-07
3669	473363.09	3851377.25	1.99E-04	2.04E-04	1.90E-04	6.90E-08	2.08E-07	1.21E-07	1.24E-07	1.12E-07	5.12E-08	4.77E-08	2.30E-09	5.56E-08	1.23E-08	1.68E-08	2.66E-08	4.69E-09	2.50E-08	1.43E-07
3670	473863.09	3851377.25	2.13E-04	2.18E-04	2.04E-04	7.37E-08	2.22E-07	1.29E-07	1.32E-07	1.20E-07	5.46E-08	5.12E-08	2.46E-09	5.94E-08	1.31E-08	1.79E-08	2.84E-08	5.01E-09	2.69E-08	1.53E-07
3671	474363.09	3851377.25	2.54E-04	2.60E-04	2.47E-04	8.82E-08	2.66E-07	1.54E-07	1.58E-07	1.43E-07	6.52E-08	6.18E-08	2.95E-09	7.11E-08	1.57E-08	2.14E-08	3.40E-08	5.98E-09	3.25E-08	1.84E-07
3672	474863.09	3851377.25	2.91E-04	2.97E-04	2.83E-04	1.01E-07	3.04E-07	1.76E-07	1.80E-07	1.63E-07	7.44E-08	7.10E-08	3.36E-09	8.12E-08	1.79E-08	2.44E-08	3.87E-08	6.82E-09	3.73E-08	2.10E-07
3673	475363.09	3851377.25	3.15E-04	3.22E-04	3.08E-04	1.09E-07	3.30E-07	1.91E-07	1.95E-07	1.77E-07	8.07E-08	7.72E-08	3.65E-09	8.82E-08	1.95E-08	2.65E-08	4.20E-08	7.40E-09	4.05E-08	2.28E-07
3674	475863.09	3851377.25	3.29E-04	3.37E-04	3.21E-04	1.14E-07	3.45E-07	2.00E-07	2.04E-07	1.85E-07	8.43E-08	8.04E-08	3.81E-09	9.21E-08	2.03E-08	2.77E-08	4.39E-08	7.74E-09	4.22E-08	2.38E-07
3675	476363.09	3851377.25	3.41E-04	3.49E-04	3.30E-04	1.18E-07	3.57E-07	2.07E-07	2.11E-07	1.92E-07	8.74E-08	8.27E-08	3.95E-09	9.53E-08	2.10E-08	2.87E-08	4.55E-08	8.03E-09	4.34E-08	2.46E-07
3676	476863.09	3851377.25	3.40E-04	3.49E-04	3.26E-04	1.18E-07	3.56E-07	2.06E-07	2.11E-07	1.92E-07	8.74E-08	8.16E-08	3.93E-09	9.50E-08	2.10E-08	2.87E-08	4.55E-08	8.02E-09	4.28E-08	2.45E-07
3677	477363.09	3851377.25	3.56E-04	3.66E-04	3.40E-04	1.23E-07	3.73E-07	2.16E-07	2.22E-07	2.01E-07	9.16E-08	8.52E-08	4.12E-09	9.95E-08	2.20E-08	3.01E-08	4.77E-08	8.41E-09	4.47E-08	2.57E-07
3678	477863.09	3851377.25	3.60E-04	3.70E-04	3.42E-04	1.25E-07	3.76E-07	2.18E-07	2.24E-07	2.03E-07	9.27E-08	8.57E-08	4.16E-09	1.01E-07	2.22E-08	3.04E-08	4.83E-08	8.51E-09	4.50E-08	2.59E-07
3679	478363.09	3851377.25	3.90E-04	4.00E-04	3.73E-04	1.35E-07	4.08E-07	2.36E-07	2.42E-07	2.20E-07	1.00E-07	9.35E-08	4.51E-09	1.09E-07	2.40E-08	3.29E-08	5.22E-08	9.20E-09	4.91E-08	2.81E-07
3680	478863.09	3851377.25	4.69E-04	4.80E-04	4.57E-04	1.63E-07	4.91E-07	2.84E-07	2.90E-07	2.63E-07	1.20E-07	1.14E-07	5.43E-09	1.31E-07	2.89E-08	3.94E-08	6.26E-08	1.10E-08	6.00E-08	3.39E-07
3681	479363.09	3851377.25	5.19E-04	5.29E-04	5.09E-04	1.80E-07	5.43E-07	3.14E-07	3.21E-07	2.91E-07	1.33E-07	1.28E-07	6.00E-09	1.45E-07	3.20E-08	4.35E-08	6.90E-08	1.22E-08	6.70E-08	3.75E-07
3682	479863.09	3851377.25	5.11E-04	5.21E-04	5.02E-04	1.77E-07	5.35E-07	3.10E-07	3.16E-07	2.86E-07	1.31E-07	1.26E-07	5.92E-09	1.43E-07	3.15E-08	4.29E-08	6.80E-08	1.20E-08	6.61E-08	3.69E-07
3683	480363.09	3851377.25	4.94E-04	5.05E-04	4.80E-04	1.71E-07	5.16E-07	2.99E-07	3.06E-07	2.77E-07	1.26E-07	1.20E-07	5.71E-09	1.38E-07	3.04E-08	4.15E-08	6.58E-08	1.16E-08	6.31E-08	3.56E-07
3684	480863.09	3851377.25	4.98E-04	5.13E-04	4.71E-04	1.72E-07	5.21E-07	3.01E-07	3.10E-07	2.81E-07	1.28E-07	1.18E-07	5.76E-09	1.39E-07	3.07E-08	4.22E-08	6.69E-08	1.18E-08	6.19E-08	3.58E-07
3685	481363.09	3851377.25	4.58E-04	4.75E-04	4.22E-04	1.59E-07	4.79E-07	2.77E-07	2.88E-07	2.61E-07	1.19E-07	1.06E-07	5.30E-09	1.28E-07	2.82E-08	3.90E-08	6.19E-08	1.09E-08	5.55E-08	3.29E-07
3686	481863.09	3851377.25	3.86E-04	4.00E-04	3.55E-04	1.34E-07	4.04E-07	2.34E-07	2.42E-07	2.20E-07	1.00E-07	8.90E-08	4.47E-09	1.08E-07	2.38E-08	3.29E-08	5.22E-08	9.20E-09	4.67E-08	2.77E-07
3687	482363.09	3851377.25	3.36E-04	3.49E-04	3.10E-04	1.17E-07	3.52E-07	2.04E-07	2.11E-07	1.91E-07	8.73E-08	7.77E-08	3.89E-09	9.40E-08	2.08E-08	2.87E-08	4.55E-08	8.01E-09	4.08E-08	2.42E-07
3688	482863.09	3851377.25	2.71E-04	2.81E-04	2.48E-04	9.38E-08	2.83E-07	1.64E-07	1.70E-07	1.54E-07	7.03E-08	6.21E-08	3.13E-09	7.57E-08	1.67E-08	2.31E-08	3.66E-08	6.45E-09	3.26E-08	1.94E-07
3689	483363.09	3851377.25	2.05E-04	2.11E-04	1.90E-04	7.09E-08	2.14E-07	1.24E-07	1.28E-07	1.16E-07	5.30E-08	4.75E-08	2.37E-09	5.72E-08	1.26E-08	1.74E-08	2.76E-08	4.86E-09	2.49E-08	1.47E-07
3690	483863.09	3851377.25	1.85E-04	1.91E-04	1.73E-04	6.43E-08	1.94E-07	1.12E-07	1.16E-07	1.05E-07	4.79E-08	4.34E-08	2.15E-09	5.18E-08	1.14E-08	1.57E-08	2.50E-08	4.40E-09	2.28E-08	1.33E-07
3691	484363.09	3851377.25	2.25E-04	2.33E-04	2.09E-04	7.81E-08	2.36E-07	1.36E-07	1.41E-07	1.28E-07	5.83E-08	5.24E-08	2.61E-09	6.30E-08	1.39E-08	1.91E-08	3.04E-08	5.35E-09	2.75E-08	1.62E-07
3692	484863.09	3851377.25	1.76E-04	1.81E-04	1.65E-04	6.09E-08	1.84E-07	1.07E-07	1.10E-07	9.95E-08	4.54E-08	4.12E-08	2.04E-09	4.92E-08	1.08E-08	1.49E-08	2.36E-08	4.17E-09	2.16E-08	1.26E-07
3693	485363.09	3851377.25	2.09E-04	2.15E-04	1.95E-04	7.24E-08	2.18E-07	1.26E-07	1.30E-07	1.18E-07	5.40E-08	4.87E-08	2.42E-09	5.84E-08	1.29E-08	1.77E-08	2.81E-08	4.95E-09	2.56E-08	1.50E-07
3694	485863.09	3851377.25	1.96E-04	2.01E-04	1.86E-04	6.79E-08	2.05E-07	1.19E-07	1.22E-07	1.11E-07	5.04E-08	4.65E-08	2.27E-09	5.48E-08	1.21E-08	1.66E-08	2.63E-08	4.63E-09	2.44E-08	1.41E-07
3695	486363.09	3851377.25	2.06E-04	2.11E-04	1.96E-04	7.15E-08	2.16E-07	1.25E-07	1.28E-07	1.16E-07	5.30E-08	4.92E-08	2.39E-09	5.77E-08	1.27E-08	1.74E-08	2.76E-08	4.86E-09	2.58E-08	1.48E-07
3696	486863.09	3851377.25	1.98E-04	2.03E-04	1.89E-04	6.86E-08	2.07E-07	1.20E-07	1.23E-07	1.11E-07	5.08E-08	4.74E-08	2.29E-09	5.53E-08	1.22E-08	1.67E-08	2.64E-08	4.66E-09	2.49E-08	1.42E-07
3697	487363.09	3851377.25	1.69E-04	1.73E-04	1.63E-04	5.87E-08	1.77E-07	1.03E-07	1.05E-07	9.51E-08	4.34E-08	4.08E-08	1.96E-09	4.73E-08	1.04E-08	1.42E-08	2.26E-08	3.98E-09	2.14E-08	1.22E-07
3698	487863.09	3851377.25	1.74E-04	1.79E-04	1.66E-04	6.04E-08	1.82E-07	1.06E-07	1.08E-07	9.81E-08	4.48E-08	4.16E-08	2.02E-09	4.87E-08	1.07E-08	1.47E-08	2.33E-08	4.11E-09	2.19E-08	1.25E-07
3699	488363.09	3851377.25	1.85E-04	1.90E-04	1.77E-04	6.42E-08	1.94E-07	1.12E-07	1.15E-07	1.04E-07	4.76E-08	4.42E-08	2.14E-09	5.18E-08	1.14E-08	1.56E-08	2.48E-08	4.37E-09	2.32E-08	1.33E-07
3700	488863.09	3851377.25	1.95E-04	1.99E-04	1.86E-04	6.75E-08	2.04E-07	1.18E-07	1.21E-07	1.10E-07	5.00E-08	4.67E-08	2.25E-09	5.44E-08	1.20E-08	1.64E-08	2.60E-08	4.59E-09	2.45E-08	1.40E-07
3701	489363.09	3851377.25	2.01E-04	2.06E-04	1.92E-04	6.96E-08	2.10E-07	1.22E-07	1.25E-07	1.13E-07	5.15E-08	4.81E-08	2.32E-09	5.61E-08	1.24E-08	1.69E-08	2.68E-08	4.73E-09	2.53E-08	1.45E-07
3702	489863.09	3851377.25	2.04E-04	2.09E-04	1.95E-04	7.07E-08	2.13E-07	1.24E-07	1.27E-07	1.15E-07	5.23E-08	4.89E-08	2.36E-09	5.70E-08	1.26E-08	1.72E-08	2.73E-08	4.80E-09	2.56E-08	1.47E-07
3703	490363.09	3851377.25	2.12E-04	2.18E-04	2.03E-04	7.36E-08	2.22E-07	1.29E-07	1.32E-07	1.19E-07	5.45E-08	5.08E-08	2.46E-09	5.94E-08	1.31E-08	1.79E-08	2.84E-08	5.00E-09	2.67E-08	1.53E-07

3704	490863.09	3851377.25	2.18E-04	2.24E-04	2.08E-04	7.57E-08	2.29E-07	1.32E-07	1.36E-07	1.23E-07	5.61E-08	5.21E-08	2.53E-09	6.11E-08	1.35E-08	1.84E-08	2.92E-08	5.15E-09	2.74E-08	1.57E-07
3705	491363.09	3851377.25	2.19E-04	2.24E-04	2.08E-04	7.58E-08	2.29E-07	1.32E-07	1.36E-07	1.23E-07	5.62E-08	5.21E-08	2.53E-09	6.11E-08	1.35E-08	1.85E-08	2.93E-08	5.16E-09	2.73E-08	1.57E-07
3706	491863.09	3851377.25	2.22E-04	2.28E-04	2.11E-04	7.69E-08	2.32E-07	1.34E-07	1.38E-07	1.25E-07	5.71E-08	5.28E-08	2.57E-09	6.20E-08	1.37E-08	1.87E-08	2.97E-08	5.24E-09	2.77E-08	1.60E-07
3707	492363.09	3851377.25	2.31E-04	2.37E-04	2.19E-04	7.99E-08	2.41E-07	1.40E-07	1.43E-07	1.30E-07	5.93E-08	5.49E-08	2.67E-09	6.45E-08	1.42E-08	1.95E-08	3.09E-08	5.44E-09	2.88E-08	1.66E-07
3708	492863.09	3851377.25	2.38E-04	2.44E-04	2.26E-04	8.25E-08	2.49E-07	1.44E-07	1.48E-07	1.34E-07	6.12E-08	5.66E-08	2.75E-09	6.65E-08	1.47E-08	2.01E-08	3.19E-08	5.62E-09	2.97E-08	1.71E-07
3709	493363.09	3851377.25	2.35E-04	2.41E-04	2.24E-04	8.15E-08	2.46E-07	1.42E-07	1.46E-07	1.32E-07	6.04E-08	5.60E-08	2.72E-09	6.57E-08	1.45E-08	1.98E-08	3.15E-08	5.54E-09	2.94E-08	1.69E-07
3710	493863.09	3851377.25	2.59E-04	2.66E-04	2.46E-04	8.99E-08	2.71E-07	1.57E-07	1.61E-07	1.46E-07	6.67E-08	6.16E-08	3.00E-09	7.25E-08	1.60E-08	2.19E-08	3.47E-08	6.12E-09	3.23E-08	1.87E-07
3711	494363.09	3851377.25	3.01E-04	3.09E-04	2.83E-04	1.04E-07	3.15E-07	1.82E-07	1.87E-07	1.70E-07	7.74E-08	7.10E-08	3.48E-09	8.40E-08	1.85E-08	2.54E-08	4.03E-08	7.11E-09	3.73E-08	2.16E-07
3712	494863.09	3851377.25	3.19E-04	3.28E-04	3.01E-04	1.11E-07	3.34E-07	1.93E-07	1.99E-07	1.80E-07	8.23E-08	7.54E-08	3.69E-09	8.93E-08	1.97E-08	2.70E-08	4.28E-08	7.55E-09	3.95E-08	2.30E-07
3713	495363.09	3851377.25	3.60E-04	3.71E-04	3.38E-04	1.25E-07	3.77E-07	2.18E-07	2.25E-07	2.04E-07	9.30E-08	8.46E-08	4.17E-09	1.01E-07	2.22E-08	3.05E-08	4.84E-08	8.53E-09	4.44E-08	2.59E-07
3714	495863.09	3851377.25	3.77E-04	3.88E-04	3.52E-04	1.31E-07	3.94E-07	2.28E-07	2.35E-07	2.13E-07	9.73E-08	8.83E-08	4.36E-09	1.05E-07	2.32E-08	3.19E-08	5.07E-08	8.93E-09	4.63E-08	2.71E-07
3715	496363.09	3851377.25	3.87E-04	3.99E-04	3.62E-04	1.34E-07	4.05E-07	2.35E-07	2.42E-07	2.19E-07	1.00E-07	9.08E-08	4.48E-09	1.08E-07	2.39E-08	3.29E-08	5.21E-08	9.19E-09	4.76E-08	2.78E-07
3716	496863.09	3851377.25	3.96E-04	4.09E-04	3.71E-04	1.37E-07	4.15E-07	2.40E-07	2.48E-07	2.24E-07	1.02E-07	9.29E-08	4.59E-09	1.11E-07	2.45E-08	3.36E-08	5.33E-08	9.40E-09	4.88E-08	2.85E-07
3717	497363.09	3851377.25	4.05E-04	4.17E-04	3.79E-04	1.40E-07	4.24E-07	2.45E-07	2.53E-07	2.29E-07	1.04E-07	9.50E-08	4.68E-09	1.13E-07	2.50E-08	3.43E-08	5.44E-08	9.59E-09	4.99E-08	2.91E-07
3718	497863.09	3851377.25	4.08E-04	4.21E-04	3.83E-04	1.42E-07	4.27E-07	2.47E-07	2.55E-07	2.31E-07	1.05E-07	9.61E-08	4.73E-09	1.14E-07	2.52E-08	3.46E-08	5.49E-08	9.67E-09	5.04E-08	2.94E-07
3719	498363.09	3851377.25	4.02E-04	4.13E-04	3.78E-04	1.39E-07	4.20E-07	2.43E-07	2.50E-07	2.27E-07	1.04E-07	9.48E-08	4.65E-09	1.12E-07	2.48E-08	3.40E-08	5.39E-08	9.50E-09	4.97E-08	2.89E-07
3720	471363.09	3851877.25	1.87E-04	1.92E-04	1.78E-04	6.48E-08	1.96E-07	1.13E-07	1.16E-07	1.05E-07	4.80E-08	4.46E-08	2.16E-09	5.22E-08	1.15E-08	1.58E-08	2.50E-08	4.41E-09	2.34E-08	1.35E-07
3721	471863.09	3851877.25	1.84E-04	1.89E-04	1.75E-04	6.36E-08	1.92E-07	1.11E-07	1.14E-07	1.04E-07	4.72E-08	4.37E-08	2.12E-09	5.13E-08	1.13E-08	1.55E-08	2.46E-08	4.34E-09	2.30E-08	1.32E-07
3722	472363.09	3851877.25	2.02E-04	2.08E-04	1.92E-04	7.00E-08	2.11E-07	1.22E-07	1.26E-07	1.14E-07	5.20E-08	4.80E-08	2.34E-09	5.65E-08	1.25E-08	1.71E-08	2.71E-08	4.77E-09	2.52E-08	1.45E-07
3723	472863.09	3851877.25	2.20E-04	2.26E-04	2.09E-04	7.64E-08	2.31E-07	1.33E-07	1.37E-07	1.24E-07	5.67E-08	5.24E-08	2.55E-09	6.16E-08	1.36E-08	1.86E-08	2.95E-08	5.21E-09	2.75E-08	1.59E-07
3724	473363.09	3851877.25	2.12E-04	2.18E-04	2.01E-04	7.34E-08	2.22E-07	1.28E-07	1.32E-07	1.20E-07	5.46E-08	5.03E-08	2.45E-09	5.92E-08	1.31E-08	1.79E-08	2.84E-08	5.01E-09	2.64E-08	1.52E-07
3725	473863.09	3851877.25	2.16E-04	2.22E-04	2.05E-04	7.49E-08	2.26E-07	1.31E-07	1.35E-07	1.22E-07	5.57E-08	5.13E-08	2.50E-09	6.04E-08	1.33E-08	1.83E-08	2.90E-08	5.11E-09	2.69E-08	1.56E-07
3726	474363.09	3851877.25	2.46E-04	2.53E-04	2.35E-04	8.53E-08	2.58E-07	1.49E-07	1.53E-07	1.39E-07	6.33E-08	5.88E-08	2.85E-09	6.88E-08	1.52E-08	2.08E-08	3.30E-08	5.81E-09	3.08E-08	1.77E-07
3727	474863.09	3851877.25	2.85E-04	2.92E-04	2.74E-04	9.87E-08	2.98E-07	1.72E-07	1.77E-07	1.60E-07	7.31E-08	6.87E-08	3.30E-09	7.96E-08	1.76E-08	2.40E-08	3.81E-08	6.71E-09	3.60E-08	2.05E-07
3728	475363.09	3851877.25	3.12E-04	3.19E-04	3.02E-04	1.08E-07	3.26E-07	1.89E-07	1.93E-07	1.75E-07	7.99E-08	7.56E-08	3.61E-09	8.71E-08	1.92E-08	2.62E-08	4.16E-08	7.33E-09	3.97E-08	2.25E-07
3729	475863.09	3851877.25	3.26E-04	3.33E-04	3.16E-04	1.13E-07	3.41E-07	1.97E-07	2.02E-07	1.83E-07	8.35E-08	7.93E-08	3.77E-09	9.11E-08	2.01E-08	2.74E-08	4.35E-08	7.67E-09	4.16E-08	2.35E-07
3730	476363.09	3851877.25	3.13E-04	3.21E-04	3.02E-04	1.09E-07	3.28E-07	1.90E-07	1.94E-07	1.76E-07	8.03E-08	7.57E-08	3.62E-09	8.75E-08	1.93E-08	2.64E-08	4.18E-08	7.37E-09	3.97E-08	2.26E-07
3731	476863.09	3851877.25	3.39E-04	3.48E-04	3.27E-04	1.18E-07	3.55E-07	2.06E-07	2.11E-07	1.91E-07	8.71E-08	8.20E-08	3.93E-09	9.48E-08	2.09E-08	2.86E-08	4.54E-08	7.99E-09	4.30E-08	2.45E-07
3732	477363.09	3851877.25	3.62E-04	3.72E-04	3.47E-04	1.26E-07	3.79E-07	2.19E-07	2.25E-07	2.04E-07	9.32E-08	8.70E-08	4.19E-09	1.01E-07	2.23E-08	3.06E-08	4.85E-08	8.55E-09	4.57E-08	2.61E-07
3733	477863.09	3851877.25	3.72E-04	3.83E-04	3.53E-04	1.29E-07	3.90E-07	2.26E-07	2.32E-07	2.10E-07	9.60E-08	8.86E-08	4.31E-09	1.04E-07	2.30E-08	3.15E-08	5.00E-08	8.81E-09	4.65E-08	2.68E-07
3734	478363.09	3851877.25	3.68E-04	3.79E-04	3.45E-04	1.27E-07	3.85E-07	2.23E-07	2.30E-07	2.08E-07	9.51E-08	8.64E-08	4.25E-09	1.03E-07	2.27E-08	3.12E-08	4.95E-08	8.72E-09	4.53E-08	2.64E-07
3735	478863.09	3851877.25	4.11E-04	4.23E-04	3.88E-04	1.42E-07	4.30E-07	2.49E-07	2.56E-07	2.32E-07	1.06E-07	9.73E-08	4.75E-09	1.15E-07	2.53E-08	3.48E-08	5.52E-08	9.73E-09	5.10E-08	2.96E-07
3736	479363.09	3851877.25	5.24E-04	5.37E-04	5.07E-04	1.82E-07	5.49E-07	3.18E-07	3.25E-07	2.95E-07	1.35E-07	1.27E-07	6.07E-09	1.47E-07	3.24E-08	4.42E-08	7.01E-08	1.23E-08	6.67E-08	3.78E-07
3737	479863.09	3851877.25	6.00E-04	6.12E-04	5.87E-04	2.08E-07	6.27E-07	3.63E-07	3.71E-07	3.36E-07	1.53E-07	1.47E-07	6.94E-09	1.68E-07	3.70E-08	5.03E-08	7.99E-08	1.41E-08	7.72E-08	4.33E-07
3738	480363.09	3851877.25	5.84E-04	5.96E-04	5.72E-04	2.02E-07	6.11E-07	3.54E-07	3.61E-07	3.27E-07	1.49E-07	1.43E-07	6.76E-09	1.63E-07	3.60E-08	4.90E-08	7.78E-08	1.37E-08	7.52E-08	4.22E-07
3739	480863.09	3851877.25	5.71E-04	5.84E-04	5.55E-04	1.98E-07	5.97E-07	3.46E-07	3.54E-07	3.21E-07	1.46E-07	1.39E-07	6.60E-09	1.60E-07	3.52E-08	4.80E-08	7.62E-08	1.34E-08	7.29E-08	4.12E-07
3740	481363.09	3851877.25	5.77E-04	5.95E-04	5.45E-04	2.00E-07	6.04E-07	3.50E-07	3.60E-07	3.27E-07	1.49E-07	1.37E-07	6.68E-09	1.61E-07	3.56E-08	4.89E-08	7.76E-08	1.37E-08	7.17E-08	4.16E-07
3741	481863.09	3851877.25	5.16E-04	5.36E-04	4.72E-04	1.79E-07	5.40E-07	3.13E-07	3.25E-07	2.94E-07	1.34E-07	1.18E-07	5.97E-09	1.44E-07	3.18E-08	4.41E-08	6.99E-08	1.23E-08	6.20E-08	3.70E-07
3742	482363.09	3851877.25	3.83E-04	3.98E-04	3.46E-04	1.33E-07	4.00E-07	2.32E-07	2.41E-07	2.19E-07	9.98E-08	8.68E-08	4.43E-09	1.07E-07	2.36E-08	3.28E-08	5.20E-08	9.16E-09	4.55E-08	2.74E-07
3743	482863.09	3851877.25	2.90E-04	3.01E-04	2.65E-04	1.00E-07	3.03E-07	1.75E-07	1.82E-07	1.65E-07	7.53E-08	6.63E-08	3.35E-09	8.10E-08	1.79E-08	2.47E-08	3.92E-08	6.91E-09	3.48E-08	2.08E-07
3744	483363.09	3851877.25	2.88E-04	2.98E-04	2.62E-04	9.96E-08	3.01E-07	1.74E-07	1.81E-07	1.64E-07	7.48E-08	6.57E-08	3.33E-09	8.04E-08	1.77E-08	2.45E-08	3.89E-08	6.86E-09	3.45E-08	2.06E-07
3745	483863.09	3851877.25	2.57E-04	2.66E-04	2.35E-04	8.90E-08	2.69E-07	1.55E-07	1.61E-07	1.46E-07	6.67E-08	5.88E-08	2.97E-09	7.18E-08	1.58E-08	2.19E-08	3.47E-08	6.12E-09	3.09E-08	1.84E-07
3746	484363.09	3851877.25	2.78E-04	2.88E-04	2.55E-04	9.64E-08	2.91E-07	1.69E-07	1.75E-07	1.58E-07	7.22E-08	6.39E-08	3.22E-09	7.78E-08	1.72E-08	2.37E-08	3.76E-08	6.63E-09	3.35E-08	2.00E-07
3747	484863.09	3851877.25	2.53E-04	2.62E-04	2.32E-04	8.76E-08	2.65E-07	1.53E-07	1.59E-07	1.44E-07	6.56E-08	5.82E-08	2.93E-09	7.07E-08	1.56E-08	2.15E-08	3.42E-08	6.02E-09	3.06E-08	1.81E-07
3748	485363.09	3851877.25	2.49E-04	2.57E-04	2.30E-04	8.62E-08	2.60E-07	1.51E-07	1.56E-07	1.41E-07	6.44E-08	5.76E-08	2.88E-09	6.95E-08	1.53E-08	2.11E-08	3.35E-08	5.91E-09	3.02E-08	1.79E-07
3749	485863.09	3851877.25	2.59E-04	2.68E-04	2.42E-04	8.99E-08	2.71E-07	1.57E-07	1.62E-07	1.47E-07	6.70E-08	6.06E-08	3.00E-09	7.25E-08	1.60E-08	2.20E-08	3.49E-08	6.15E-09	3.18E-08	1.86E-07
3750	486363.09	3851877.25	2.41E-04	2.48E-04	2.29E-04	8.36E-08	2.53E-07	1.46E-07	1.50E-07	1.36E-07	6.21E-08	5.73E-08	2.79E-09	6.75E-08	1.49E-08	2.04E-08	3.23E-08	5.69E-09	3.01E-08	1.74E-07
3751	486863.09	3851877.25	2.38E-04	2.44E-04	2.26E-04	8.24E-08	2.49E-07	1.44E-07	1.48E-07	1.34E-07	6.10E-08	5.67E-08	2.75E-09	6.64E-08	1.47E-08	2.00E-08	3.18E-08	5.60E-09	2.98E-08	1.71E-07
3752	487363.09	3851877.25	2.23E-04	2.29E-04	2.12E-04	7.73E-08	2.34E-07	1.35E-07	1.39E-07	1.26E-07	5.74E-08	5.32E-08	2.58E-09	6.24E-08	1.38E-08	1.88E-08	2.99E-08	5.26E-09	2.79E-08	1.61E-07
3753	487863.09	3851877.25	2.04E-04	2.09E-04	1.94E-04	7.06E-08	2.13E-07	1.23E-07	1.27E-07	1.15E-07	5.23E-08	4.87E-08	2.36E-09	5.69E-08	1.26E-08	1.72E-08	2.72E-08	4.80E-09	2.55E-08	1.47E-07
3754	488363.09	3851877.25	2.17E-04	2.22E-04	2.07E-04	7.51E-08	2.27E-07	1.31E-07	1.35E-07	1.22E-07	5.57E-08	5.18E-08	2.51E-09	6.06E-08	1.34E-08	1.83E-08	2.90E-08	5.11E-09	2.72E-08	1.56E-07
3755	488863.09	3851877.25	2.22E-04	2.27E-04	2.13E-04	7.69E-08	2.32E-07	1.34E-07	1.38E-07	1.25E-07	5.69E-08	5.33E-08	2.57E-09	6.20E-08	1.37E-08	1.87E-08	2.96E-08	5.22E-09	2.80E-08	1.60E-07
3756	489363.09	3851877.25	2.26E-04	2.32E-04	2.17E-04	7.85E-08	2.37E-07	1.37E-07	1.40E-07	1.27E-07	5.81E-08	5.44E-08	2.62E-09	6.33E-08	1.40E-08	1.91E-08	3.02E-08	5.33E-09	2.85E-08	1.63E-07

3757	489863.09	3851877.25	2.34E-04	2.39E-04	2.23E-04	8.09E-08	2.44E-07	1.41E-07	1.45E-07	1.31E-07	6.00E-08	5.59E-08	2.70E-09	6.53E-08	1.44E-08	1.97E-08	3.12E-08	5.50E-09	2.93E-08	1.68E-07
3758	490363.09	3851877.25	2.50E-04	2.56E-04	2.37E-04	8.66E-08	2.61E-07	1.51E-07	1.55E-07	1.41E-07	6.42E-08	5.95E-08	2.89E-09	6.98E-08	1.54E-08	2.11E-08	3.34E-08	5.89E-09	3.12E-08	1.80E-07
3759	490863.09	3851877.25	2.65E-04	2.72E-04	2.51E-04	9.17E-08	2.77E-07	1.60E-07	1.65E-07	1.49E-07	6.81E-08	6.28E-08	3.06E-09	7.40E-08	1.63E-08	2.24E-08	3.55E-08	6.25E-09	3.30E-08	1.90E-07
3760	491363.09	3851877.25	2.80E-04	2.88E-04	2.64E-04	9.69E-08	2.93E-07	1.69E-07	1.74E-07	1.58E-07	7.21E-08	6.61E-08	3.24E-09	7.82E-08	1.72E-08	2.37E-08	3.75E-08	6.62E-09	3.47E-08	2.01E-07
3761	491863.09	3851877.25	2.95E-04	3.04E-04	2.78E-04	1.02E-07	3.09E-07	1.79E-07	1.84E-07	1.67E-07	7.62E-08	6.96E-08	3.42E-09	8.26E-08	1.82E-08	2.50E-08	3.97E-08	6.99E-09	3.65E-08	2.12E-07
3762	492363.09	3851877.25	3.02E-04	3.11E-04	2.84E-04	1.05E-07	3.16E-07	1.83E-07	1.89E-07	1.71E-07	7.80E-08	7.12E-08	3.50E-09	8.45E-08	1.86E-08	2.56E-08	4.06E-08	7.16E-09	3.73E-08	2.17E-07
3763	492863.09	3851877.25	2.90E-04	2.98E-04	2.73E-04	1.00E-07	3.03E-07	1.75E-07	1.80E-07	1.64E-07	7.46E-08	6.85E-08	3.35E-09	8.10E-08	1.79E-08	2.45E-08	3.89E-08	6.85E-09	3.59E-08	2.08E-07
3764	493363.09	3851877.25	3.40E-04	3.50E-04	3.18E-04	1.18E-07	3.55E-07	2.06E-07	2.12E-07	1.92E-07	8.77E-08	7.97E-08	3.93E-09	9.49E-08	2.09E-08	2.88E-08	4.57E-08	8.05E-09	4.19E-08	2.44E-07
3765	493863.09	3851877.25	3.97E-04	4.10E-04	3.71E-04	1.38E-07	4.16E-07	2.41E-07	2.48E-07	2.25E-07	1.03E-07	9.28E-08	4.60E-09	1.11E-07	2.45E-08	3.37E-08	5.35E-08	9.43E-09	4.87E-08	2.86E-07
3766	494363.09	3851877.25	4.03E-04	4.16E-04	3.76E-04	1.40E-07	4.22E-07	2.44E-07	2.52E-07	2.28E-07	1.04E-07	9.43E-08	4.66E-09	1.13E-07	2.49E-08	3.42E-08	5.42E-08	9.56E-09	4.95E-08	2.90E-07
3767	494863.09	3851877.25	4.40E-04	4.54E-04	4.09E-04	1.52E-07	4.60E-07	2.66E-07	2.75E-07	2.49E-07	1.14E-07	1.03E-07	5.09E-09	1.23E-07	2.71E-08	3.73E-08	5.92E-08	1.04E-08	5.38E-08	3.16E-07
3768	495363.09	3851877.25	4.61E-04	4.77E-04	4.29E-04	1.60E-07	4.83E-07	2.79E-07	2.89E-07	2.62E-07	1.19E-07	1.07E-07	5.34E-09	1.29E-07	2.85E-08	3.92E-08	6.22E-08	1.10E-08	5.64E-08	3.31E-07
3769	495863.09	3851877.25	4.78E-04	4.94E-04	4.44E-04	1.66E-07	5.00E-07	2.89E-07	2.99E-07	2.71E-07	1.24E-07	1.11E-07	5.53E-09	1.34E-07	2.95E-08	4.06E-08	6.44E-08	1.13E-08	5.83E-08	3.43E-07
3770	496363.09	3851877.25	4.82E-04	4.97E-04	4.48E-04	1.67E-07	5.04E-07	2.92E-07	3.01E-07	2.73E-07	1.25E-07	1.12E-07	5.57E-09	1.35E-07	2.97E-08	4.09E-08	6.49E-08	1.14E-08	5.89E-08	3.46E-07
3771	496863.09	3851877.25	4.85E-04	5.00E-04	4.51E-04	1.68E-07	5.07E-07	2.94E-07	3.03E-07	2.75E-07	1.25E-07	1.13E-07	5.61E-09	1.35E-07	2.99E-08	4.11E-08	6.52E-08	1.15E-08	5.94E-08	3.48E-07
3772	497363.09	3851877.25	4.84E-04	4.99E-04	4.52E-04	1.68E-07	5.07E-07	2.93E-07	3.03E-07	2.74E-07	1.25E-07	1.13E-07	5.60E-09	1.35E-07	2.99E-08	4.11E-08	6.52E-08	1.15E-08	5.95E-08	3.48E-07
3773	497863.09	3851877.25	4.71E-04	4.86E-04	4.42E-04	1.63E-07	4.93E-07	2.86E-07	2.94E-07	2.67E-07	1.22E-07	1.11E-07	5.45E-09	1.32E-07	2.91E-08	3.99E-08	6.34E-08	1.12E-08	5.81E-08	3.39E-07
3774	498363.09	3851877.25	4.60E-04	4.74E-04	4.33E-04	1.59E-07	4.82E-07	2.79E-07	2.87E-07	2.60E-07	1.19E-07	1.08E-07	5.33E-09	1.29E-07	2.84E-08	3.89E-08	6.18E-08	1.09E-08	5.69E-08	3.31E-07
3775	471363.09	3852377.25	1.80E-04	1.84E-04	1.72E-04	6.22E-08	1.88E-07	1.09E-07	1.11E-07	1.01E-07	4.61E-08	4.31E-08	2.08E-09	5.02E-08	1.11E-08	1.51E-08	2.40E-08	4.23E-09	2.26E-08	1.29E-07
3776	471863.09	3852377.25	1.96E-04	2.01E-04	1.87E-04	6.79E-08	2.05E-07	1.19E-07	1.22E-07	1.10E-07	5.03E-08	4.68E-08	2.27E-09	5.47E-08	1.21E-08	1.65E-08	2.62E-08	4.62E-09	2.46E-08	1.41E-07
3777	472363.09	3852377.25	2.08E-04	2.13E-04	1.98E-04	7.20E-08	2.17E-07	1.26E-07	1.29E-07	1.17E-07	5.35E-08	4.96E-08	2.40E-09	5.81E-08	1.28E-08	1.75E-08	2.78E-08	4.91E-09	2.60E-08	1.50E-07
3778	472863.09	3852377.25	2.18E-04	2.24E-04	2.07E-04	7.57E-08	2.29E-07	1.32E-07	1.36E-07	1.23E-07	5.62E-08	5.20E-08	2.53E-09	6.11E-08	1.35E-08	1.85E-08	2.93E-08	5.16E-09	2.73E-08	1.57E-07
3779	473363.09	3852377.25	2.26E-04	2.32E-04	2.14E-04	7.83E-08	2.36E-07	1.37E-07	1.41E-07	1.28E-07	5.82E-08	5.37E-08	2.61E-09	6.32E-08	1.39E-08	1.91E-08	3.03E-08	5.34E-09	2.82E-08	1.63E-07
3780	473863.09	3852377.25	2.32E-04	2.38E-04	2.19E-04	8.03E-08	2.42E-07	1.40E-07	1.44E-07	1.31E-07	5.97E-08	5.50E-08	2.68E-09	6.48E-08	1.43E-08	1.96E-08	3.11E-08	5.48E-09	2.88E-08	1.67E-07
3781	474363.09	3852377.25	2.39E-04	2.46E-04	2.26E-04	8.30E-08	2.51E-07	1.45E-07	1.49E-07	1.35E-07	6.17E-08	5.67E-08	2.77E-09	6.69E-08	1.48E-08	2.03E-08	3.21E-08	5.67E-09	2.98E-08	1.72E-07
3782	474863.09	3852377.25	2.94E-04	3.02E-04	2.79E-04	1.02E-07	3.07E-07	1.78E-07	1.83E-07	1.66E-07	7.57E-08	6.99E-08	3.40E-09	8.21E-08	1.81E-08	2.48E-08	3.94E-08	6.95E-09	3.67E-08	2.12E-07
3783	475363.09	3852377.25	3.04E-04	3.12E-04	2.89E-04	1.05E-07	3.18E-07	1.84E-07	1.89E-07	1.72E-07	7.83E-08	7.24E-08	3.52E-09	8.50E-08	1.87E-08	2.57E-08	4.08E-08	7.18E-09	3.80E-08	2.19E-07
3784	475863.09	3852377.25	3.12E-04	3.20E-04	2.97E-04	1.08E-07	3.26E-07	1.89E-07	1.94E-07	1.76E-07	8.02E-08	7.45E-08	3.61E-09	8.71E-08	1.92E-08	2.63E-08	4.18E-08	7.36E-09	3.91E-08	2.24E-07
3785	476363.09	3852377.25	3.06E-04	3.14E-04	2.92E-04	1.06E-07	3.20E-07	1.85E-07	1.90E-07	1.72E-07	7.86E-08	7.31E-08	3.54E-09	8.54E-08	1.89E-08	2.58E-08	4.09E-08	7.22E-09	3.83E-08	2.20E-07
3786	476863.09	3852377.25	3.16E-04	3.24E-04	3.02E-04	1.10E-07	3.31E-07	1.91E-07	1.97E-07	1.78E-07	8.13E-08	7.57E-08	3.66E-09	8.83E-08	1.95E-08	2.67E-08	4.23E-08	7.46E-09	3.97E-08	2.28E-07
3787	477363.09	3852377.25	3.18E-04	3.27E-04	3.03E-04	1.10E-07	3.33E-07	1.93E-07	1.98E-07	1.79E-07	8.18E-08	7.60E-08	3.68E-09	8.89E-08	1.96E-08	2.69E-08	4.26E-08	7.51E-09	3.99E-08	2.29E-07
3788	477863.09	3852377.25	2.87E-04	2.95E-04	2.71E-04	9.93E-08	3.00E-07	1.74E-07	1.79E-07	1.62E-07	7.39E-08	6.79E-08	3.32E-09	8.01E-08	1.77E-08	2.43E-08	3.85E-08	6.78E-09	3.57E-08	2.06E-07
3789	478363.09	3852377.25	2.75E-04	2.84E-04	2.58E-04	9.54E-08	2.88E-07	1.67E-07	1.72E-07	1.56E-07	7.12E-08	6.46E-08	3.18E-09	7.69E-08	1.70E-08	2.34E-08	3.71E-08	6.53E-09	3.39E-08	1.98E-07
3790	478863.09	3852377.25	3.26E-04	3.37E-04	3.01E-04	1.13E-07	3.41E-07	1.97E-07	2.04E-07	1.85E-07	8.45E-08	7.54E-08	3.77E-09	9.10E-08	2.01E-08	2.77E-08	4.40E-08	7.75E-09	3.95E-08	2.34E-07
3791	479363.09	3852377.25	3.67E-04	3.81E-04	3.38E-04	1.27E-07	3.84E-07	2.23E-07	2.31E-07	2.09E-07	9.55E-08	8.46E-08	4.25E-09	1.03E-07	2.27E-08	3.13E-08	4.97E-08	8.76E-09	4.44E-08	2.64E-07
3792	479863.09	3852377.25	5.25E-04	5.40E-04	4.98E-04	1.82E-07	5.49E-07	3.18E-07	3.27E-07	2.97E-07	1.35E-07	1.25E-07	6.07E-09	1.47E-07	3.24E-08	4.44E-08	7.05E-08	1.24E-08	6.55E-08	3.78E-07
3793	480363.09	3852377.25	7.02E-04	7.17E-04	6.84E-04	2.43E-07	7.34E-07	4.25E-07	4.35E-07	3.94E-07	1.80E-07	1.71E-07	8.12E-09	1.96E-07	4.33E-08	5.90E-08	9.36E-08	1.65E-08	9.00E-08	5.07E-07
3794	480863.09	3852377.25	6.86E-04	7.01E-04	6.68E-04	2.38E-07	7.17E-07	4.15E-07	4.24E-07	3.85E-07	1.76E-07	1.67E-07	7.93E-09	1.92E-07	4.23E-08	5.76E-08	9.14E-08	1.61E-08	8.78E-08	4.95E-07
3795	481363.09	3852377.25	6.72E-04	6.87E-04	6.51E-04	2.33E-07	7.03E-07	4.07E-07	4.16E-07	3.77E-07	1.72E-07	1.63E-07	7.77E-09	1.88E-07	4.14E-08	5.65E-08	8.97E-08	1.58E-08	8.57E-08	4.85E-07
3796	481863.09	3852377.25	6.59E-04	6.81E-04	6.18E-04	2.28E-07	6.90E-07	3.99E-07	4.12E-07	3.74E-07	1.71E-07	1.55E-07	7.63E-09	1.84E-07	4.07E-08	5.60E-08	8.88E-08	1.57E-08	8.13E-08	4.74E-07
3797	482363.09	3852377.25	6.19E-04	6.43E-04	5.65E-04	2.14E-07	6.48E-07	3.75E-07	3.90E-07	3.53E-07	1.61E-07	1.41E-07	7.16E-09	1.73E-07	3.82E-08	5.29E-08	8.39E-08	1.48E-08	7.42E-08	4.44E-07
3798	482863.09	3852377.25	5.06E-04	5.26E-04	4.60E-04	1.75E-07	5.30E-07	3.07E-07	3.19E-07	2.89E-07	1.32E-07	1.15E-07	5.86E-09	1.41E-07	3.12E-08	4.33E-08	6.87E-08	1.21E-08	6.05E-08	3.63E-07
3799	483363.09	3852377.25	3.82E-04	3.99E-04	3.43E-04	1.33E-07	4.00E-07	2.32E-07	2.42E-07	2.19E-07	9.99E-08	8.60E-08	4.43E-09	1.07E-07	2.36E-08	3.28E-08	5.20E-08	9.17E-09	4.51E-08	2.74E-07
3800	483863.09	3852377.25	3.12E-04	3.25E-04	2.83E-04	1.08E-07	3.27E-07	1.89E-07	1.97E-07	1.78E-07	8.14E-08	7.09E-08	3.61E-09	8.73E-08	1.93E-08	2.67E-08	4.24E-08	7.47E-09	3.72E-08	2.24E-07
3801	484363.09	3852377.25	3.32E-04	3.46E-04	2.99E-04	1.15E-07	3.47E-07	2.01E-07	2.09E-07	1.90E-07	8.66E-08	7.50E-08	3.84E-09	9.28E-08	2.05E-08	2.84E-08	4.51E-08	7.95E-09	3.93E-08	2.38E-07
3802	484863.09	3852377.25	3.43E-04	3.56E-04	3.11E-04	1.19E-07	3.59E-07	2.08E-07	2.16E-07	1.96E-07	8.93E-08	7.79E-08	3.97E-09	9.58E-08	2.11E-08	2.93E-08	4.65E-08	8.19E-09	4.09E-08	2.46E-07
3803	485363.09	3852377.25	3.42E-04	3.55E-04	3.12E-04	1.18E-07	3.58E-07	2.07E-07	2.15E-07	1.95E-07	8.89E-08	7.81E-08	3.96E-09	9.56E-08	2.11E-08	2.92E-08	4.63E-08	8.16E-09	4.10E-08	2.45E-07
3804	485863.09	3852377.25	3.18E-04	3.29E-04	2.93E-04	1.10E-07	3.33E-07	1.93E-07	1.99E-07	1.81E-07	8.24E-08	7.35E-08	3.68E-09	8.88E-08	1.96E-08	2.70E-08	4.29E-08	7.56E-09	3.86E-08	2.28E-07
3805	486363.09	3852377.25	2.88E-04	2.96E-04	2.72E-04	9.98E-08	3.01E-07	1.74E-07	1.79E-07	1.63E-07	7.42E-08	6.81E-08	3.33E-09	8.05E-08	1.78E-08	2.44E-08	3.86E-08	6.81E-09	3.57E-08	2.07E-07
3806	486863.09	3852377.25	2.82E-04	2.90E-04	2.68E-04	9.79E-08	2.96E-07	1.71E-07	1.76E-07	1.59E-07	7.26E-08	6.72E-08	3.27E-09	7.90E-08	1.74E-08	2.38E-08	3.78E-08	6.66E-09	3.53E-08	2.03E-07
3807	487363.09	3852377.25	2.63E-04	2.69E-04	2.50E-04	9.10E-08	2.75E-07	1.59E-07	1.63E-07	1.48E-07	6.75E-08	6.27E-08	3.04E-09	7.34E-08	1.62E-08	2.21E-08	3.51E-08	6.19E-09	3.29E-08	1.89E-07
3808	487863.09	3852377.25	2.51E-04	2.58E-04	2.40E-04	8.71E-08	2.63E-07	1.52E-07	1.56E-07	1.42E-07	6.46E-08	6.01E-08	2.91E-09	7.02E-08	1.55E-08	2.12E-08	3.36E-08	5.93E-09	3.15E-08	1.81E-07
3809	488363.09	3852377.25	2.55E-04	2.61E-04	2.44E-04	8.82E-08	2.66E-07	1.54E-07	1.58E-07	1.43E-07	6.53E-08	6.11E-08	2.95E-09	7.12E-08	1.57E-08	2.15E-08	3.40E-08	6.00E-09	3.20E-08	1.83E-07

3810	488863.09	3852377.25	2.60E-04	2.66E-04	2.49E-04	9.01E-08	2.72E-07	1.58E-07	1.61E-07	1.46E-07	6.67E-08	6.25E-08	3.01E-09	7.27E-08	1.60E-08	2.19E-08	3.47E-08	6.12E-09	3.28E-08	1.87E-07
3811	489363.09	3852377.25	2.68E-04	2.74E-04	2.55E-04	9.27E-08	2.80E-07	1.62E-07	1.66E-07	1.51E-07	6.87E-08	6.40E-08	3.10E-09	7.48E-08	1.65E-08	2.26E-08	3.58E-08	6.31E-09	3.36E-08	1.93E-07
3812	489863.09	3852377.25	2.69E-04	2.76E-04	2.56E-04	9.31E-08	2.81E-07	1.63E-07	1.67E-07	1.51E-07	6.91E-08	6.41E-08	3.11E-09	7.51E-08	1.66E-08	2.27E-08	3.60E-08	6.34E-09	3.36E-08	1.93E-07
3813	490363.09	3852377.25	3.00E-04	3.08E-04	2.83E-04	1.04E-07	3.14E-07	1.82E-07	1.87E-07	1.69E-07	7.72E-08	7.10E-08	3.47E-09	8.38E-08	1.85E-08	2.53E-08	4.02E-08	7.08E-09	3.73E-08	2.16E-07
3814	490863.09	3852377.25	3.27E-04	3.37E-04	3.07E-04	1.13E-07	3.42E-07	1.98E-07	2.04E-07	1.85E-07	8.44E-08	7.70E-08	3.78E-09	9.14E-08	2.02E-08	2.77E-08	4.40E-08	7.75E-09	4.04E-08	2.35E-07
3815	491363.09	3852377.25	3.79E-04	3.91E-04	3.53E-04	1.31E-07	3.97E-07	2.30E-07	2.37E-07	2.15E-07	9.81E-08	8.84E-08	4.39E-09	1.06E-07	2.34E-08	3.22E-08	5.11E-08	9.00E-09	4.64E-08	2.72E-07
3816	491863.09	3852377.25	4.03E-04	4.16E-04	3.74E-04	1.40E-07	4.22E-07	2.44E-07	2.52E-07	2.29E-07	1.04E-07	9.37E-08	4.66E-09	1.13E-07	2.48E-08	3.42E-08	5.43E-08	9.57E-09	4.92E-08	2.89E-07
3817	492363.09	3852377.25	4.25E-04	4.40E-04	3.94E-04	1.47E-07	4.45E-07	2.58E-07	2.66E-07	2.41E-07	1.10E-07	9.88E-08	4.92E-09	1.19E-07	2.62E-08	3.62E-08	5.74E-08	1.01E-08	5.18E-08	3.06E-07
3818	492863.09	3852377.25	4.65E-04	4.81E-04	4.30E-04	1.61E-07	4.86E-07	2.82E-07	2.91E-07	2.64E-07	1.20E-07	1.08E-07	5.38E-09	1.30E-07	2.87E-08	3.95E-08	6.27E-08	1.11E-08	5.65E-08	3.34E-07
3819	493363.09	3852377.25	5.23E-04	5.41E-04	4.82E-04	1.81E-07	5.47E-07	3.17E-07	3.28E-07	2.97E-07	1.36E-07	1.21E-07	6.05E-09	1.46E-07	3.23E-08	4.45E-08	7.06E-08	1.24E-08	6.34E-08	3.75E-07
3820	493863.09	3852377.25	5.36E-04	5.55E-04	4.95E-04	1.86E-07	5.61E-07	3.25E-07	3.36E-07	3.05E-07	1.39E-07	1.24E-07	6.21E-09	1.50E-07	3.31E-08	4.56E-08	7.24E-08	1.28E-08	6.51E-08	3.85E-07
3821	494363.09	3852377.25	5.42E-04	5.61E-04	5.00E-04	1.88E-07	5.67E-07	3.28E-07	3.40E-07	3.08E-07	1.40E-07	1.25E-07	6.27E-09	1.51E-07	3.34E-08	4.61E-08	7.31E-08	1.29E-08	6.58E-08	3.89E-07
3822	494863.09	3852377.25	5.69E-04	5.89E-04	5.24E-04	1.97E-07	5.95E-07	3.45E-07	3.57E-07	3.23E-07	1.48E-07	1.31E-07	6.58E-09	1.59E-07	3.51E-08	4.84E-08	7.68E-08	1.35E-08	6.89E-08	4.08E-07
3823	495363.09	3852377.25	5.98E-04	6.19E-04	5.51E-04	2.07E-07	6.26E-07	3.62E-07	3.75E-07	3.40E-07	1.55E-07	1.38E-07	6.92E-09	1.67E-07	3.69E-08	5.09E-08	8.08E-08	1.42E-08	7.24E-08	4.29E-07
3824	495863.09	3852377.25	5.92E-04	6.12E-04	5.46E-04	2.05E-07	6.19E-07	3.58E-07	3.71E-07	3.36E-07	1.53E-07	1.37E-07	6.85E-09	1.65E-07	3.65E-08	5.03E-08	7.99E-08	1.41E-08	7.18E-08	4.25E-07
3825	496363.09	3852377.25	5.85E-04	6.05E-04	5.42E-04	2.03E-07	6.12E-07	3.55E-07	3.67E-07	3.32E-07	1.52E-07	1.36E-07	6.77E-09	1.64E-07	3.61E-08	4.98E-08	7.89E-08	1.39E-08	7.12E-08	4.20E-07
3826	496863.09	3852377.25	5.85E-04	6.04E-04	5.43E-04	2.03E-07	6.12E-07	3.54E-07	3.66E-07	3.32E-07	1.51E-07	1.36E-07	6.77E-09	1.64E-07	3.61E-08	4.97E-08	7.88E-08	1.39E-08	7.14E-08	4.20E-07
3827	497363.09	3852377.25	5.58E-04	5.76E-04	5.20E-04	1.93E-07	5.84E-07	3.38E-07	3.49E-07	3.16E-07	1.44E-07	1.30E-07	6.46E-09	1.56E-07	3.44E-08	4.73E-08	7.51E-08	1.32E-08	6.84E-08	4.01E-07
3828	497863.09	3852377.25	5.32E-04	5.48E-04	4.99E-04	1.84E-07	5.57E-07	3.22E-07	3.32E-07	3.01E-07	1.37E-07	1.25E-07	6.16E-09	1.49E-07	3.28E-08	4.51E-08	7.15E-08	1.26E-08	6.56E-08	3.83E-07
3829	498363.09	3852377.25	5.08E-04	5.22E-04	4.79E-04	1.76E-07	5.31E-07	3.08E-07	3.16E-07	2.87E-07	1.31E-07	1.20E-07	5.88E-09	1.42E-07	3.13E-08	4.29E-08	6.81E-08	1.20E-08	6.29E-08	3.65E-07
3830	471363.09	3852877.25	1.95E-04	2.00E-04	1.87E-04	6.77E-08	2.04E-07	1.18E-07	1.21E-07	1.10E-07	5.02E-08	4.68E-08	2.26E-09	5.46E-08	1.20E-08	1.65E-08	2.61E-08	4.61E-09	2.45E-08	1.41E-07
3831	471863.09	3852877.25	2.08E-04	2.13E-04	1.98E-04	7.21E-08	2.18E-07	1.26E-07	1.29E-07	1.17E-07	5.35E-08	4.97E-08	2.41E-09	5.81E-08	1.28E-08	1.76E-08	2.78E-08	4.91E-09	2.61E-08	1.50E-07
3832	472363.09	3852877.25	2.21E-04	2.27E-04	2.11E-04	7.68E-08	2.32E-07	1.34E-07	1.38E-07	1.25E-07	5.70E-08	5.28E-08	2.56E-09	6.19E-08	1.37E-08	1.87E-08	2.97E-08	5.23E-09	2.77E-08	1.59E-07
3833	472863.09	3852877.25	2.33E-04	2.39E-04	2.21E-04	8.06E-08	2.43E-07	1.41E-07	1.45E-07	1.31E-07	5.99E-08	5.54E-08	2.69E-09	6.50E-08	1.43E-08	1.96E-08	3.12E-08	5.49E-09	2.91E-08	1.67E-07
3834	473363.09	3852877.25	2.45E-04	2.52E-04	2.33E-04	8.49E-08	2.56E-07	1.48E-07	1.53E-07	1.38E-07	6.31E-08	5.83E-08	2.84E-09	6.85E-08	1.51E-08	2.07E-08	3.29E-08	5.79E-09	3.06E-08	1.76E-07
3835	473863.09	3852877.25	2.62E-04	2.69E-04	2.48E-04	9.08E-08	2.74E-07	1.59E-07	1.63E-07	1.48E-07	6.75E-08	6.22E-08	3.03E-09	7.32E-08	1.62E-08	2.21E-08	3.51E-08	6.19E-09	3.26E-08	1.88E-07
3836	474363.09	3852877.25	2.81E-04	2.89E-04	2.66E-04	9.75E-08	2.94E-07	1.70E-07	1.75E-07	1.59E-07	7.25E-08	6.67E-08	3.26E-09	7.87E-08	1.74E-08	2.38E-08	3.78E-08	6.66E-09	3.50E-08	2.03E-07
3837	474863.09	3852877.25	2.70E-04	2.78E-04	2.55E-04	9.36E-08	2.83E-07	1.64E-07	1.68E-07	1.53E-07	6.96E-08	6.39E-08	3.12E-09	7.55E-08	1.67E-08	2.29E-08	3.63E-08	6.39E-09	3.35E-08	1.94E-07
3838	475363.09	3852877.25	2.95E-04	3.04E-04	2.79E-04	1.02E-07	3.09E-07	1.79E-07	1.84E-07	1.67E-07	7.62E-08	6.98E-08	3.42E-09	8.26E-08	1.82E-08	2.50E-08	3.97E-08	6.99E-09	3.66E-08	2.12E-07
3839	475863.09	3852877.25	3.04E-04	3.13E-04	2.87E-04	1.05E-07	3.19E-07	1.84E-07	1.90E-07	1.72E-07	7.85E-08	7.19E-08	3.52E-09	8.51E-08	1.88E-08	2.58E-08	4.09E-08	7.21E-09	3.77E-08	2.19E-07
3840	476363.09	3852877.25	2.94E-04	3.03E-04	2.77E-04	1.02E-07	3.08E-07	1.78E-07	1.84E-07	1.67E-07	7.60E-08	6.95E-08	3.41E-09	8.23E-08	1.82E-08	2.49E-08	3.96E-08	6.98E-09	3.65E-08	2.12E-07
3841	476863.09	3852877.25	2.70E-04	2.78E-04	2.54E-04	9.35E-08	2.82E-07	1.63E-07	1.68E-07	1.53E-07	6.96E-08	6.37E-08	3.12E-09	7.54E-08	1.66E-08	2.28E-08	3.62E-08	6.39E-09	3.34E-08	1.94E-07
3842	477363.09	3852877.25	2.49E-04	2.56E-04	2.35E-04	8.63E-08	2.61E-07	1.51E-07	1.55E-07	1.41E-07	6.42E-08	5.90E-08	2.88E-09	6.96E-08	1.54E-08	2.11E-08	3.34E-08	5.90E-09	3.09E-08	1.79E-07
3843	477863.09	3852877.25	2.29E-04	2.35E-04	2.17E-04	7.94E-08	2.40E-07	1.39E-07	1.43E-07	1.29E-07	5.90E-08	5.44E-08	2.65E-09	6.40E-08	1.41E-08	1.94E-08	3.07E-08	5.41E-09	2.86E-08	1.65E-07
3844	478363.09	3852877.25	2.02E-04	2.07E-04	1.94E-04	7.00E-08	2.11E-07	1.22E-07	1.25E-07	1.14E-07	5.19E-08	4.85E-08	2.34E-09	5.65E-08	1.25E-08	1.70E-08	2.70E-08	4.76E-09	2.55E-08	1.46E-07
3845	478863.09	3852877.25	2.29E-04	2.35E-04	2.19E-04	7.94E-08	2.40E-07	1.39E-07	1.42E-07	1.29E-07	5.89E-08	5.48E-08	2.65E-09	6.40E-08	1.41E-08	1.93E-08	3.07E-08	5.41E-09	2.87E-08	1.65E-07
3846	479363.09	3852877.25	2.81E-04	2.90E-04	2.63E-04	9.74E-08	2.94E-07	1.70E-07	1.76E-07	1.59E-07	7.27E-08	6.58E-08	3.25E-09	7.86E-08	1.73E-08	2.39E-08	3.78E-08	6.67E-09	3.45E-08	2.02E-07
3847	479863.09	3852877.25	4.17E-04	4.32E-04	3.82E-04	1.44E-07	4.36E-07	2.52E-07	2.62E-07	2.37E-07	1.08E-07	9.58E-08	4.82E-09	1.16E-07	2.57E-08	3.56E-08	5.64E-08	9.94E-09	5.03E-08	2.99E-07
3848	480363.09	3852877.25	6.63E-04	6.82E-04	6.31E-04	2.30E-07	6.93E-07	4.01E-07	4.13E-07	3.74E-07	1.71E-07	1.58E-07	7.67E-09	1.85E-07	4.09E-08	5.61E-08	8.89E-08	1.57E-08	8.29E-08	4.77E-07
3849	480863.09	3852877.25	7.81E-04	8.01E-04	7.52E-04	2.71E-07	8.17E-07	4.73E-07	4.85E-07	4.40E-07	2.01E-07	1.88E-07	9.04E-09	2.18E-07	4.82E-08	6.59E-08	1.04E-07	1.84E-08	9.89E-08	5.63E-07
3850	481363.09	3852877.25	8.32E-04	8.51E-04	8.07E-04	2.88E-07	8.71E-07	5.04E-07	5.16E-07	4.68E-07	2.13E-07	2.02E-07	9.63E-09	2.33E-07	5.13E-08	7.00E-08	1.11E-07	1.96E-08	1.06E-07	6.00E-07
3851	481863.09	3852877.25	7.96E-04	8.16E-04	7.69E-04	2.76E-07	8.33E-07	4.82E-07	4.94E-07	4.48E-07	2.04E-07	1.93E-07	9.22E-09	2.23E-07	4.91E-08	6.71E-08	1.06E-07	1.88E-08	1.01E-07	5.74E-07
3852	482363.09	3852877.25	7.99E-04	8.26E-04	7.46E-04	2.77E-07	8.36E-07	4.84E-07	5.00E-07	4.53E-07	2.07E-07	1.87E-07	9.25E-09	2.23E-07	4.93E-08	6.79E-08	1.08E-07	1.90E-08	9.81E-08	5.75E-07
3853	482863.09	3852877.25	7.59E-04	7.90E-04	6.90E-04	2.63E-07	7.94E-07	4.60E-07	4.78E-07	4.34E-07	1.98E-07	1.73E-07	8.78E-09	2.12E-07	4.68E-08	6.49E-08	1.03E-07	1.82E-08	9.07E-08	5.44E-07
3854	483363.09	3852877.25	5.88E-04	6.13E-04	5.26E-04	2.04E-07	6.15E-07	3.56E-07	3.72E-07	3.37E-07	1.54E-07	1.32E-07	6.80E-09	1.64E-07	3.62E-08	5.04E-08	8.00E-08	1.41E-08	6.92E-08	4.21E-07
3855	483863.09	3852877.25	4.23E-04	4.42E-04	3.76E-04	1.47E-07	4.43E-07	2.56E-07	2.68E-07	2.43E-07	1.11E-07	9.42E-08	4.90E-09	1.18E-07	2.61E-08	3.64E-08	5.77E-08	1.02E-08	4.95E-08	3.03E-07
3856	484363.09	3852877.25	4.42E-04	4.62E-04	3.92E-04	1.53E-07	4.63E-07	2.68E-07	2.80E-07	2.54E-07	1.16E-07	9.82E-08	5.12E-09	1.24E-07	2.73E-08	3.80E-08	6.03E-08	1.06E-08	5.16E-08	3.17E-07
3857	484863.09	3852877.25	4.52E-04	4.72E-04	4.06E-04	1.57E-07	4.73E-07	2.74E-07	2.86E-07	2.59E-07	1.18E-07	1.02E-07	5.24E-09	1.26E-07	2.79E-08	3.88E-08	6.15E-08	1.08E-08	5.34E-08	3.24E-07
3858	485363.09	3852877.25	3.59E-04	3.72E-04	3.29E-04	1.24E-07	3.76E-07	2.18E-07	2.25E-07	2.04E-07	9.33E-08	8.25E-08	4.16E-09	1.00E-07	2.22E-08	3.06E-08	4.86E-08	8.56E-09	4.33E-08	2.58E-07
3859	485863.09	3852877.25	3.24E-04	3.34E-04	3.02E-04	1.12E-07	3.39E-07	1.96E-07	2.03E-07	1.84E-07	8.38E-08	7.56E-08	3.75E-09	9.05E-08	2.00E-08	2.75E-08	4.36E-08	7.69E-09	3.97E-08	2.33E-07
3860	486363.09	3852877.25	3.13E-04	3.22E-04	2.97E-04	1.09E-07	3.28E-07	1.90E-07	1.95E-07	1.77E-07	8.06E-08	7.45E-08	3.63E-09	8.76E-08	1.93E-08	2.65E-08	4.20E-08	7.40E-09	3.91E-08	2.25E-07
3861	486863.09	3852877.25	3.24E-04	3.32E-04	3.09E-04	1.12E-07	3.39E-07	1.96E-07	2.01E-07	1.82E-07	8.31E-08	7.74E-08	3.75E-09	9.05E-08	2.00E-08	2.73E-08	4.33E-08	7.63E-09	4.06E-08	2.33E-07
3862	487363.09	3852877.25	3.12E-04	3.19E-04	2.98E-04	1.08E-07	3.26E-07	1.89E-07	1.93E-07	1.75E-07	8.00E-08	7.48E-08	3.61E-09	8.71E-08	1.92E-08	2.63E-08	4.17E-08	7.34E-09	3.92E-08	2.24E-07

3863	487863.09	3852877.25	3.09E-04	3.17E-04	2.96E-04	1.07E-07	3.24E-07	1.87E-07	1.92E-07	1.74E-07	7.94E-08	7.41E-08	3.58E-09	8.65E-08	1.91E-08	2.61E-08	4.14E-08	7.29E-09	3.89E-08	2.23E-07
3864	488363.09	3852877.25	2.81E-04	2.87E-04	2.70E-04	9.73E-08	2.94E-07	1.70E-07	1.74E-07	1.58E-07	7.20E-08	6.76E-08	3.25E-09	7.85E-08	1.73E-08	2.36E-08	3.75E-08	6.61E-09	3.55E-08	2.02E-07
3865	488863.09	3852877.25	3.19E-04	3.27E-04	3.04E-04	1.10E-07	3.33E-07	1.93E-07	1.98E-07	1.79E-07	8.19E-08	7.61E-08	3.69E-09	8.90E-08	1.96E-08	2.69E-08	4.26E-08	7.51E-09	3.99E-08	2.29E-07
3866	489363.09	3852877.25	3.41E-04	3.51E-04	3.23E-04	1.18E-07	3.57E-07	2.07E-07	2.13E-07	1.93E-07	8.79E-08	8.09E-08	3.95E-09	9.54E-08	2.11E-08	2.89E-08	4.58E-08	8.07E-09	4.24E-08	2.46E-07
3867	489863.09	3852877.25	3.65E-04	3.76E-04	3.43E-04	1.26E-07	3.82E-07	2.21E-07	2.28E-07	2.06E-07	9.41E-08	8.58E-08	4.22E-09	1.02E-07	2.25E-08	3.09E-08	4.90E-08	8.64E-09	4.50E-08	2.62E-07
3868	490363.09	3852877.25	4.47E-04	4.62E-04	4.14E-04	1.55E-07	4.68E-07	2.71E-07	2.80E-07	2.54E-07	1.16E-07	1.04E-07	5.17E-09	1.25E-07	2.76E-08	3.80E-08	6.03E-08	1.06E-08	5.45E-08	3.21E-07
3869	490863.09	3852877.25	4.92E-04	5.09E-04	4.53E-04	1.70E-07	5.15E-07	2.98E-07	3.09E-07	2.80E-07	1.28E-07	1.14E-07	5.69E-09	1.38E-07	3.03E-08	4.19E-08	6.65E-08	1.17E-08	5.96E-08	3.53E-07
3870	491363.09	3852877.25	5.38E-04	5.58E-04	4.94E-04	1.87E-07	5.63E-07	3.26E-07	3.38E-07	3.07E-07	1.40E-07	1.24E-07	6.23E-09	1.51E-07	3.32E-08	4.59E-08	7.29E-08	1.28E-08	6.49E-08	3.87E-07
3871	491863.09	3852877.25	5.69E-04	5.90E-04	5.20E-04	1.97E-07	5.95E-07	3.45E-07	3.57E-07	3.24E-07	1.48E-07	1.30E-07	6.58E-09	1.59E-07	3.51E-08	4.85E-08	7.70E-08	1.36E-08	6.84E-08	4.08E-07
3872	492363.09	3852877.25	6.08E-04	6.30E-04	5.55E-04	2.11E-07	6.36E-07	3.68E-07	3.82E-07	3.46E-07	1.58E-07	1.39E-07	7.03E-09	1.70E-07	3.75E-08	5.18E-08	8.22E-08	1.45E-08	7.30E-08	4.36E-07
3873	492863.09	3852877.25	6.74E-04	6.99E-04	6.14E-04	2.33E-07	7.05E-07	4.08E-07	4.24E-07	3.84E-07	1.75E-07	1.54E-07	7.80E-09	1.88E-07	4.16E-08	5.75E-08	9.12E-08	1.61E-08	8.08E-08	4.83E-07
3874	493363.09	3852877.25	7.21E-04	7.48E-04	6.57E-04	2.50E-07	7.54E-07	4.37E-07	4.53E-07	4.11E-07	1.87E-07	1.65E-07	8.34E-09	2.02E-07	4.45E-08	6.15E-08	9.76E-08	1.72E-08	8.64E-08	5.17E-07
3875	493863.09	3852877.25	7.22E-04	7.50E-04	6.59E-04	2.50E-07	7.56E-07	4.38E-07	4.54E-07	4.12E-07	1.88E-07	1.65E-07	8.36E-09	2.02E-07	4.46E-08	6.17E-08	9.78E-08	1.72E-08	8.67E-08	5.18E-07
3876	494363.09	3852877.25	7.24E-04	7.51E-04	6.61E-04	2.51E-07	7.57E-07	4.38E-07	4.55E-07	4.12E-07	1.88E-07	1.66E-07	8.37E-09	2.02E-07	4.46E-08	6.18E-08	9.80E-08	1.73E-08	8.69E-08	5.19E-07
3877	494863.09	3852877.25	7.38E-04	7.66E-04	6.75E-04	2.56E-07	7.73E-07	4.47E-07	4.64E-07	4.21E-07	1.92E-07	1.69E-07	8.54E-09	2.06E-07	4.55E-08	6.30E-08	9.99E-08	1.76E-08	8.87E-08	5.30E-07
3878	495363.09	3852877.25	7.22E-04	7.49E-04	6.62E-04	2.50E-07	7.56E-07	4.38E-07	4.54E-07	4.11E-07	1.88E-07	1.66E-07	8.36E-09	2.02E-07	4.46E-08	6.16E-08	9.77E-08	1.72E-08	8.71E-08	5.18E-07
3879	495863.09	3852877.25	7.07E-04	7.32E-04	6.51E-04	2.45E-07	7.40E-07	4.28E-07	4.43E-07	4.02E-07	1.83E-07	1.63E-07	8.18E-09	1.98E-07	4.36E-08	6.02E-08	9.55E-08	1.68E-08	8.56E-08	5.07E-07
3880	496363.09	3852877.25	7.12E-04	7.36E-04	6.57E-04	2.47E-07	7.45E-07	4.31E-07	4.46E-07	4.04E-07	1.84E-07	1.65E-07	8.23E-09	1.99E-07	4.39E-08	6.05E-08	9.60E-08	1.69E-08	8.64E-08	5.11E-07
3881	496863.09	3852877.25	7.02E-04	7.26E-04	6.51E-04	2.43E-07	7.35E-07	4.25E-07	4.40E-07	3.98E-07	1.82E-07	1.63E-07	8.13E-09	1.96E-07	4.33E-08	5.97E-08	9.47E-08	1.67E-08	8.56E-08	5.04E-07
3882	497363.09	3852877.25	6.46E-04	6.66E-04	6.03E-04	2.24E-07	6.75E-07	3.91E-07	4.03E-07	3.66E-07	1.67E-07	1.51E-07	7.47E-09	1.80E-07	3.98E-08	5.48E-08	8.69E-08	1.53E-08	7.92E-08	4.64E-07
3883	497863.09	3852877.25	5.53E-04	5.68E-04	5.21E-04	1.91E-07	5.78E-07	3.35E-07	3.44E-07	3.12E-07	1.42E-07	1.31E-07	6.39E-09	1.54E-07	3.41E-08	4.67E-08	7.41E-08	1.31E-08	6.85E-08	3.97E-07
3884	498363.09	3852877.25	5.44E-04	5.58E-04	5.15E-04	1.88E-07	5.69E-07	3.29E-07	3.38E-07	3.07E-07	1.40E-07	1.29E-07	6.29E-09	1.52E-07	3.35E-08	4.59E-08	7.29E-08	1.28E-08	6.77E-08	3.91E-07
3885	471363.09	3853377.25	2.10E-04	2.15E-04	2.01E-04	7.28E-08	2.20E-07	1.27E-07	1.30E-07	1.18E-07	5.39E-08	5.04E-08	2.43E-09	5.87E-08	1.30E-08	1.77E-08	2.81E-08	4.95E-09	2.64E-08	1.51E-07
3886	471863.09	3853377.25	2.22E-04	2.28E-04	2.12E-04	7.71E-08	2.33E-07	1.35E-07	1.38E-07	1.25E-07	5.72E-08	5.32E-08	2.57E-09	6.22E-08	1.37E-08	1.88E-08	2.98E-08	5.25E-09	2.79E-08	1.60E-07
3887	472363.09	3853377.25	2.34E-04	2.40E-04	2.23E-04	8.12E-08	2.45E-07	1.42E-07	1.46E-07	1.32E-07	6.02E-08	5.59E-08	2.71E-09	6.55E-08	1.44E-08	1.98E-08	3.14E-08	5.53E-09	2.94E-08	1.69E-07
3888	472863.09	3853377.25	2.47E-04	2.53E-04	2.35E-04	8.54E-08	2.58E-07	1.49E-07	1.53E-07	1.39E-07	6.34E-08	5.88E-08	2.85E-09	6.89E-08	1.52E-08	2.08E-08	3.30E-08	5.82E-09	3.08E-08	1.77E-07
3889	473363.09	3853377.25	2.56E-04	2.63E-04	2.43E-04	8.86E-08	2.68E-07	1.55E-07	1.59E-07	1.44E-07	6.58E-08	6.09E-08	2.96E-09	7.15E-08	1.58E-08	2.16E-08	3.43E-08	6.04E-09	3.20E-08	1.84E-07
3890	473863.09	3853377.25	2.66E-04	2.74E-04	2.53E-04	9.23E-08	2.79E-07	1.61E-07	1.66E-07	1.50E-07	6.86E-08	6.33E-08	3.08E-09	7.45E-08	1.64E-08	2.25E-08	3.57E-08	6.30E-09	3.32E-08	1.92E-07
3891	474363.09	3853377.25	2.77E-04	2.85E-04	2.62E-04	9.59E-08	2.90E-07	1.68E-07	1.72E-07	1.56E-07	7.13E-08	6.57E-08	3.20E-09	7.74E-08	1.71E-08	2.34E-08	3.71E-08	6.54E-09	3.45E-08	1.99E-07
3892	474863.09	3853377.25	2.75E-04	2.83E-04	2.59E-04	9.52E-08	2.87E-07	1.66E-07	1.71E-07	1.55E-07	7.08E-08	6.50E-08	3.18E-09	7.68E-08	1.69E-08	2.33E-08	3.69E-08	6.50E-09	3.41E-08	1.98E-07
3893	475363.09	3853377.25	2.78E-04	2.87E-04	2.62E-04	9.65E-08	2.91E-07	1.69E-07	1.74E-07	1.57E-07	7.18E-08	6.57E-08	3.22E-09	7.78E-08	1.72E-08	2.36E-08	3.74E-08	6.59E-09	3.45E-08	2.00E-07
3894	475863.09	3853377.25	2.81E-04	2.90E-04	2.65E-04	9.75E-08	2.94E-07	1.70E-07	1.75E-07	1.59E-07	7.26E-08	6.63E-08	3.25E-09	7.86E-08	1.73E-08	2.38E-08	3.78E-08	6.66E-09	3.48E-08	2.02E-07
3895	476363.09	3853377.25	2.68E-04	2.76E-04	2.53E-04	9.30E-08	2.81E-07	1.63E-07	1.67E-07	1.52E-07	6.93E-08	6.33E-08	3.11E-09	7.50E-08	1.66E-08	2.27E-08	3.61E-08	6.36E-09	3.32E-08	1.93E-07
3896	476863.09	3853377.25	2.44E-04	2.50E-04	2.30E-04	8.44E-08	2.55E-07	1.48E-07	1.52E-07	1.38E-07	6.28E-08	5.77E-08	2.82E-09	6.81E-08	1.50E-08	2.06E-08	3.27E-08	5.76E-09	3.03E-08	1.75E-07
3897	477363.09	3853377.25	2.43E-04	2.49E-04	2.30E-04	8.40E-08	2.54E-07	1.47E-07	1.51E-07	1.37E-07	6.25E-08	5.76E-08	2.81E-09	6.78E-08	1.50E-08	2.05E-08	3.25E-08	5.73E-09	3.02E-08	1.75E-07
3898	477863.09	3853377.25	2.46E-04	2.52E-04	2.33E-04	8.51E-08	2.57E-07	1.49E-07	1.53E-07	1.39E-07	6.32E-08	5.83E-08	2.84E-09	6.86E-08	1.51E-08	2.08E-08	3.29E-08	5.80E-09	3.06E-08	1.77E-07
3899	478363.09	3853377.25	2.22E-04	2.27E-04	2.11E-04	7.68E-08	2.32E-07	1.34E-07	1.38E-07	1.25E-07	5.70E-08	5.30E-08	2.56E-09	6.19E-08	1.37E-08	1.87E-08	2.97E-08	5.23E-09	2.78E-08	1.60E-07
3900	478863.09	3853377.25	1.94E-04	1.99E-04	1.87E-04	6.73E-08	2.03E-07	1.18E-07	1.20E-07	1.09E-07	4.98E-08	4.69E-08	2.25E-09	5.43E-08	1.20E-08	1.63E-08	2.59E-08	4.57E-09	2.46E-08	1.40E-07
3901	479363.09	3853377.25	2.65E-04	2.72E-04	2.52E-04	9.18E-08	2.77E-07	1.61E-07	1.65E-07	1.50E-07	6.82E-08	6.31E-08	3.07E-09	7.41E-08	1.63E-08	2.24E-08	3.55E-08	6.26E-09	3.31E-08	1.91E-07
3902	479863.09	3853377.25	3.47E-04	3.59E-04	3.24E-04	1.20E-07	3.63E-07	2.10E-07	2.17E-07	1.97E-07	8.99E-08	8.13E-08	4.02E-09	9.71E-08	2.14E-08	2.95E-08	4.68E-08	8.25E-09	4.26E-08	2.50E-07
3903	480363.09	3853377.25	5.17E-04	5.36E-04	4.78E-04	1.79E-07	5.41E-07	3.13E-07	3.25E-07	2.94E-07	1.34E-07	1.20E-07	5.99E-09	1.45E-07	3.19E-08	4.41E-08	6.99E-08	1.23E-08	6.29E-08	3.72E-07
3904	480863.09	3853377.25	5.41E-04	5.62E-04	4.94E-04	1.87E-07	5.66E-07	3.28E-07	3.40E-07	3.08E-07	1.41E-07	1.24E-07	6.26E-09	1.51E-07	3.34E-08	4.62E-08	7.33E-08	1.29E-08	6.50E-08	3.88E-07
3905	481363.09	3853377.25	8.10E-04	8.36E-04	7.61E-04	2.81E-07	8.48E-07	4.91E-07	5.07E-07	4.59E-07	2.10E-07	1.91E-07	9.38E-09	2.27E-07	5.00E-08	6.88E-08	1.09E-07	1.92E-08	1.00E-07	5.83E-07
3906	481863.09	3853377.25	1.04E-03	1.07E-03	1.00E-03	3.60E-07	1.09E-06	6.29E-07	6.45E-07	5.85E-07	2.67E-07	2.51E-07	1.20E-08	2.90E-07	6.41E-08	8.76E-08	1.39E-07	2.45E-08	1.32E-07	7.49E-07
3907	482363.09	3853377.25	9.67E-04	9.93E-04	9.25E-04	3.35E-07	1.01E-06	5.86E-07	6.02E-07	5.45E-07	2.49E-07	2.32E-07	1.12E-08	2.70E-07	5.97E-08	8.17E-08	1.30E-07	2.28E-08	1.22E-07	6.97E-07
3908	482863.09	3853377.25	1.00E-03	1.04E-03	9.31E-04	3.48E-07	1.05E-06	6.08E-07	6.29E-07	5.71E-07	2.60E-07	2.33E-07	1.16E-08	2.81E-07	6.19E-08	8.55E-08	1.36E-07	2.39E-08	1.22E-07	7.21E-07
3909	483363.09	3853377.25	8.33E-04	8.74E-04	7.32E-04	2.89E-07	8.72E-07	5.05E-07	5.29E-07	4.80E-07	2.19E-07	1.83E-07	9.64E-09	2.33E-07	5.14E-08	7.19E-08	1.14E-07	2.01E-08	9.63E-08	5.96E-07
3910	483863.09	3853377.25	6.84E-04	7.18E-04	6.00E-04	2.37E-07	7.16E-07	4.15E-07	4.35E-07	3.94E-07	1.80E-07	1.50E-07	7.92E-09	1.91E-07	4.22E-08	5.91E-08	9.37E-08	1.65E-08	7.89E-08	4.90E-07
3911	484363.09	3853377.25	6.44E-04	6.75E-04	5.67E-04	2.23E-07	6.74E-07	3.90E-07	4.09E-07	3.71E-07	1.69E-07	1.42E-07	7.45E-09	1.80E-07	3.97E-08	5.55E-08	8.80E-08	1.55E-08	7.46E-08	4.61E-07
3912	484863.09	3853377.25	5.20E-04	5.44E-04	4.60E-04	1.80E-07	5.44E-07	3.15E-07	3.29E-07	2.99E-07	1.36E-07	1.15E-07	6.01E-09	1.45E-07	3.21E-08	4.47E-08	7.09E-08	1.25E-08	6.05E-08	3.72E-07
3913	485363.09	3853377.25	4.00E-04	4.13E-04	3.70E-04	1.39E-07	4.18E-07	2.42E-07	2.50E-07	2.27E-07	1.04E-07	9.27E-08	4.63E-09	1.12E-07	2.47E-08	3.40E-08	5.39E-08	9.50E-09	4.87E-08	2.87E-07
3914	485863.09	3853377.25	3.33E-04	3.42E-04	3.17E-04	1.15E-07	3.48E-07	2.02E-07	2.07E-07	1.88E-07	8.57E-08	7.93E-08	3.85E-09	9.31E-08	2.05E-08	2.81E-08	4.46E-08	7.86E-09	4.16E-08	2.40E-07
3915	486363.09	3853377.25	3.72E-04	3.82E-04	3.56E-04	1.29E-07	3.90E-07	2.26E-07	2.31E-07	2.10E-07	9.56E-08	8.91E-08	4.31E-09	1.04E-07	2.30E-08	3.14E-08	4.98E-08	8.78E-09	4.68E-08	2.68E-07

3916	486863.09	3853377.25	4.07E-04	4.17E-04	3.90E-04	1.41E-07	4.26E-07	2.47E-07	2.53E-07	2.29E-07	1.05E-07	9.77E-08	4.71E-09	1.14E-07	2.51E-08	3.43E-08	5.44E-08	9.59E-09	5.13E-08	2.93E-07
3917	487363.09	3853377.25	4.46E-04	4.57E-04	4.24E-04	1.54E-07	4.66E-07	2.70E-07	2.77E-07	2.51E-07	1.15E-07	1.06E-07	5.16E-09	1.25E-07	2.75E-08	3.76E-08	5.97E-08	1.05E-08	5.57E-08	3.21E-07
3918	487863.09	3853377.25	4.76E-04	4.90E-04	4.47E-04	1.65E-07	4.98E-07	2.88E-07	2.97E-07	2.69E-07	1.23E-07	1.12E-07	5.51E-09	1.33E-07	2.94E-08	4.03E-08	6.40E-08	1.13E-08	5.88E-08	3.42E-07
3919	488363.09	3853377.25	5.32E-04	5.50E-04	4.95E-04	1.84E-07	5.57E-07	3.22E-07	3.33E-07	3.02E-07	1.38E-07	1.24E-07	6.16E-09	1.49E-07	3.28E-08	4.52E-08	7.17E-08	1.26E-08	6.51E-08	3.82E-07
3920	488863.09	3853377.25	5.76E-04	5.96E-04	5.31E-04	2.00E-07	6.03E-07	3.49E-07	3.61E-07	3.27E-07	1.49E-07	1.33E-07	6.66E-09	1.61E-07	3.55E-08	4.90E-08	7.78E-08	1.37E-08	6.98E-08	4.13E-07
3921	489363.09	3853377.25	6.09E-04	6.32E-04	5.58E-04	2.11E-07	6.38E-07	3.69E-07	3.83E-07	3.47E-07	1.58E-07	1.40E-07	7.05E-09	1.70E-07	3.76E-08	5.20E-08	8.25E-08	1.45E-08	7.33E-08	4.37E-07
3922	489863.09	3853377.25	6.34E-04	6.58E-04	5.79E-04	2.20E-07	6.63E-07	3.84E-07	3.99E-07	3.61E-07	1.65E-07	1.45E-07	7.34E-09	1.77E-07	3.91E-08	5.41E-08	8.58E-08	1.51E-08	7.61E-08	4.55E-07
3923	490363.09	3853377.25	6.92E-04	7.19E-04	6.29E-04	2.40E-07	7.24E-07	4.19E-07	4.36E-07	3.95E-07	1.80E-07	1.58E-07	8.01E-09	1.93E-07	4.27E-08	5.92E-08	9.39E-08	1.65E-08	8.27E-08	4.96E-07
3924	490863.09	3853377.25	7.34E-04	7.64E-04	6.63E-04	2.54E-07	7.68E-07	4.44E-07	4.62E-07	4.19E-07	1.91E-07	1.66E-07	8.49E-09	2.05E-07	4.52E-08	6.28E-08	9.96E-08	1.76E-08	8.72E-08	5.26E-07
3925	491363.09	3853377.25	7.72E-04	8.05E-04	6.96E-04	2.68E-07	8.08E-07	4.68E-07	4.88E-07	4.42E-07	2.02E-07	1.74E-07	8.94E-09	2.16E-07	4.76E-08	6.62E-08	1.05E-07	1.85E-08	9.15E-08	5.54E-07
3926	491863.09	3853377.25	8.17E-04	8.51E-04	7.35E-04	2.83E-07	8.55E-07	4.95E-07	5.16E-07	4.67E-07	2.13E-07	1.84E-07	9.45E-09	2.28E-07	5.04E-08	7.00E-08	1.11E-07	1.96E-08	9.67E-08	5.85E-07
3927	492363.09	3853377.25	8.84E-04	9.21E-04	7.96E-04	3.06E-07	9.25E-07	5.36E-07	5.58E-07	5.06E-07	2.31E-07	1.99E-07	1.02E-08	2.47E-07	5.45E-08	7.58E-08	1.20E-07	2.12E-08	1.05E-07	6.34E-07
3928	492863.09	3853377.25	9.47E-04	9.86E-04	8.53E-04	3.28E-07	9.91E-07	5.74E-07	5.98E-07	5.42E-07	2.47E-07	2.14E-07	1.10E-08	2.65E-07	5.84E-08	8.11E-08	1.29E-07	2.27E-08	1.12E-07	6.79E-07
3929	493363.09	3853377.25	9.58E-04	9.97E-04	8.65E-04	3.32E-07	1.00E-06	5.80E-07	6.04E-07	5.48E-07	2.50E-07	2.17E-07	1.11E-08	2.68E-07	5.91E-08	8.20E-08	1.30E-07	2.29E-08	1.14E-07	6.87E-07
3930	493863.09	3853377.25	9.56E-04	9.94E-04	8.64E-04	3.31E-07	1.00E-06	5.79E-07	6.02E-07	5.46E-07	2.49E-07	2.16E-07	1.11E-08	2.67E-07	5.89E-08	8.18E-08	1.30E-07	2.29E-08	1.14E-07	6.85E-07
3931	494363.09	3853377.25	9.31E-04	9.68E-04	8.44E-04	3.23E-07	9.74E-07	5.64E-07	5.86E-07	5.31E-07	2.42E-07	2.11E-07	1.08E-08	2.60E-07	5.74E-08	7.96E-08	1.26E-07	2.23E-08	1.11E-07	6.67E-07
3932	494863.09	3853377.25	9.06E-04	9.41E-04	8.25E-04	3.14E-07	9.48E-07	5.49E-07	5.70E-07	5.17E-07	2.36E-07	2.07E-07	1.05E-08	2.53E-07	5.59E-08	7.74E-08	1.23E-07	2.16E-08	1.08E-07	6.50E-07
3933	495363.09	3853377.25	9.02E-04	9.36E-04	8.25E-04	3.13E-07	9.44E-07	5.47E-07	5.67E-07	5.14E-07	2.35E-07	2.07E-07	1.04E-08	2.52E-07	5.57E-08	7.70E-08	1.22E-07	2.15E-08	1.08E-07	6.47E-07
3934	495863.09	3853377.25	8.81E-04	9.13E-04	8.09E-04	3.05E-07	9.22E-07	5.34E-07	5.53E-07	5.01E-07	2.29E-07	2.03E-07	1.02E-08	2.46E-07	5.43E-08	7.51E-08	1.19E-07	2.10E-08	1.06E-07	6.32E-07
3935	496363.09	3853377.25	8.43E-04	8.72E-04	7.78E-04	2.92E-07	8.82E-07	5.10E-07	5.28E-07	4.79E-07	2.18E-07	1.95E-07	9.75E-09	2.36E-07	5.20E-08	7.17E-08	1.14E-07	2.00E-08	1.02E-07	6.05E-07
3936	496863.09	3853377.25	7.85E-04	8.10E-04	7.29E-04	2.72E-07	8.21E-07	4.75E-07	4.91E-07	4.45E-07	2.03E-07	1.83E-07	9.08E-09	2.19E-07	4.84E-08	6.66E-08	1.06E-07	1.86E-08	9.59E-08	5.64E-07
3937	497363.09	3853377.25	7.10E-04	7.32E-04	6.66E-04	2.46E-07	7.43E-07	4.30E-07	4.43E-07	4.02E-07	1.83E-07	1.67E-07	8.22E-09	1.99E-07	4.38E-08	6.02E-08	9.55E-08	1.68E-08	8.75E-08	5.11E-07
3938	497863.09	3853377.25	5.65E-04	5.80E-04	5.37E-04	1.96E-07	5.92E-07	3.43E-07	3.51E-07	3.19E-07	1.45E-07	1.35E-07	6.54E-09	1.58E-07	3.49E-08	4.77E-08	7.57E-08	1.33E-08	7.06E-08	4.07E-07
3939	498363.09	3853377.25	4.98E-04	5.10E-04	4.77E-04	1.73E-07	5.22E-07	3.02E-07	3.09E-07	2.80E-07	1.28E-07	1.20E-07	5.77E-09	1.39E-07	3.07E-08	4.19E-08	6.65E-08	1.17E-08	6.27E-08	3.59E-07
3940	471363.09	3853877.25	2.21E-04	2.26E-04	2.13E-04	7.67E-08	2.31E-07	1.34E-07	1.37E-07	1.24E-07	5.67E-08	5.34E-08	2.56E-09	6.18E-08	1.36E-08	1.86E-08	2.95E-08	5.20E-09	2.80E-08	1.59E-07
3941	471863.09	3853877.25	2.38E-04	2.44E-04	2.29E-04	8.26E-08	2.49E-07	1.44E-07	1.48E-07	1.34E-07	6.12E-08	5.74E-08	2.76E-09	6.66E-08	1.47E-08	2.01E-08	3.19E-08	5.61E-09	3.01E-08	1.72E-07
3942	472363.09	3853877.25	2.48E-04	2.54E-04	2.37E-04	8.58E-08	2.59E-07	1.50E-07	1.54E-07	1.39E-07	6.36E-08	5.94E-08	2.86E-09	6.92E-08	1.53E-08	2.09E-08	3.31E-08	5.83E-09	3.12E-08	1.78E-07
3943	472863.09	3853877.25	2.59E-04	2.66E-04	2.48E-04	8.99E-08	2.71E-07	1.57E-07	1.61E-07	1.46E-07	6.67E-08	6.21E-08	3.00E-09	7.25E-08	1.60E-08	2.19E-08	3.47E-08	6.12E-09	3.26E-08	1.87E-07
3944	473363.09	3853877.25	2.66E-04	2.73E-04	2.53E-04	9.21E-08	2.78E-07	1.61E-07	1.65E-07	1.50E-07	6.84E-08	6.34E-08	3.08E-09	7.43E-08	1.64E-08	2.24E-08	3.56E-08	6.27E-09	3.33E-08	1.91E-07
3945	473863.09	3853877.25	2.74E-04	2.81E-04	2.60E-04	9.48E-08	2.86E-07	1.66E-07	1.70E-07	1.54E-07	7.04E-08	6.51E-08	3.17E-09	7.65E-08	1.69E-08	2.31E-08	3.67E-08	6.46E-09	3.42E-08	1.97E-07
3946	474363.09	3853877.25	2.85E-04	2.93E-04	2.71E-04	9.89E-08	2.99E-07	1.73E-07	1.78E-07	1.61E-07	7.35E-08	6.78E-08	3.30E-09	7.98E-08	1.76E-08	2.41E-08	3.83E-08	6.75E-09	3.56E-08	2.05E-07
3947	474863.09	3853877.25	2.94E-04	3.03E-04	2.79E-04	1.02E-07	3.08E-07	1.78E-07	1.83E-07	1.66E-07	7.58E-08	6.98E-08	3.41E-09	8.23E-08	1.82E-08	2.49E-08	3.95E-08	6.96E-09	3.66E-08	2.12E-07
3948	475363.09	3853877.25	2.88E-04	2.96E-04	2.72E-04	9.97E-08	3.01E-07	1.74E-07	1.79E-07	1.62E-07	7.41E-08	6.82E-08	3.33E-09	8.04E-08	1.77E-08	2.43E-08	3.86E-08	6.80E-09	3.58E-08	2.07E-07
3949	475863.09	3853877.25	2.62E-04	2.69E-04	2.49E-04	9.09E-08	2.74E-07	1.59E-07	1.63E-07	1.48E-07	6.75E-08	6.24E-08	3.03E-09	7.33E-08	1.62E-08	2.22E-08	3.51E-08	6.19E-09	3.27E-08	1.89E-07
3950	476363.09	3853877.25	2.38E-04	2.44E-04	2.28E-04	8.26E-08	2.49E-07	1.44E-07	1.48E-07	1.34E-07	6.13E-08	5.70E-08	2.76E-09	6.66E-08	1.47E-08	2.01E-08	3.19E-08	5.62E-09	2.99E-08	1.72E-07
3951	476863.09	3853877.25	2.12E-04	2.16E-04	2.04E-04	7.33E-08	2.21E-07	1.28E-07	1.31E-07	1.19E-07	5.42E-08	5.10E-08	2.45E-09	5.91E-08	1.30E-08	1.78E-08	2.82E-08	4.98E-09	2.68E-08	1.52E-07
3952	477363.09	3853877.25	2.23E-04	2.28E-04	2.14E-04	7.72E-08	2.33E-07	1.35E-07	1.38E-07	1.25E-07	5.72E-08	5.35E-08	2.58E-09	6.23E-08	1.37E-08	1.88E-08	2.98E-08	5.25E-09	2.81E-08	1.60E-07
3953	477863.09	3853877.25	2.43E-04	2.49E-04	2.32E-04	8.42E-08	2.54E-07	1.47E-07	1.51E-07	1.37E-07	6.25E-08	5.81E-08	2.81E-09	6.80E-08	1.50E-08	2.05E-08	3.25E-08	5.73E-09	3.05E-08	1.75E-07
3954	478363.09	3853877.25	2.54E-04	2.61E-04	2.42E-04	8.82E-08	2.66E-07	1.54E-07	1.58E-07	1.43E-07	6.54E-08	6.08E-08	2.94E-09	7.11E-08	1.57E-08	2.15E-08	3.41E-08	6.00E-09	3.19E-08	1.83E-07
3955	478863.09	3853877.25	2.12E-04	2.16E-04	2.04E-04	7.33E-08	2.21E-07	1.28E-07	1.31E-07	1.19E-07	5.42E-08	5.11E-08	2.45E-09	5.92E-08	1.31E-08	1.78E-08	2.82E-08	4.98E-09	2.68E-08	1.53E-07
3956	479363.09	3853877.25	2.54E-04	2.60E-04	2.42E-04	8.79E-08	2.65E-07	1.54E-07	1.58E-07	1.43E-07	6.52E-08	6.07E-08	2.93E-09	7.09E-08	1.56E-08	2.14E-08	3.39E-08	5.98E-09	3.19E-08	1.83E-07
3957	479863.09	3853877.25	3.70E-04	3.82E-04	3.47E-04	1.28E-07	3.88E-07	2.24E-07	2.32E-07	2.10E-07	9.58E-08	8.69E-08	4.29E-09	1.04E-07	2.29E-08	3.14E-08	4.99E-08	8.79E-09	4.56E-08	2.66E-07
3958	480363.09	3853877.25	4.76E-04	4.93E-04	4.40E-04	1.65E-07	4.98E-07	2.88E-07	2.99E-07	2.71E-07	1.23E-07	1.10E-07	5.51E-09	1.33E-07	2.94E-08	4.05E-08	6.43E-08	1.13E-08	5.78E-08	3.42E-07
3959	480863.09	3853877.25	6.81E-04	7.05E-04	6.31E-04	2.36E-07	7.13E-07	4.13E-07	4.27E-07	3.87E-07	1.77E-07	1.58E-07	7.88E-09	1.90E-07	4.20E-08	5.80E-08	9.20E-08	1.62E-08	8.30E-08	4.90E-07
3960	481363.09	3853877.25	9.03E-04	9.32E-04	8.49E-04	3.13E-07	9.45E-07	5.47E-07	5.65E-07	5.12E-07	2.33E-07	2.13E-07	1.05E-08	2.52E-07	5.57E-08	7.66E-08	1.22E-07	2.14E-08	1.12E-07	6.50E-07
3961	481863.09	3853877.25	1.37E-03	1.40E-03	1.33E-03	4.75E-07	1.43E-06	8.30E-07	8.50E-07	7.71E-07	3.52E-07	3.33E-07	1.59E-08	3.83E-07	8.46E-08	1.15E-07	1.83E-07	3.23E-08	1.75E-07	9.89E-07
3962	482363.09	3853877.25	1.35E-03	1.38E-03	1.29E-03	4.67E-07	1.41E-06	8.16E-07	8.39E-07	7.60E-07	3.47E-07	3.23E-07	1.56E-08	3.77E-07	8.31E-08	1.14E-07	1.81E-07	3.18E-08	1.69E-07	9.71E-07
3963	482863.09	3853877.25	1.22E-03	1.26E-03	1.15E-03	4.24E-07	1.28E-06	7.41E-07	7.64E-07	6.93E-07	3.16E-07	2.87E-07	1.41E-08	3.42E-07	7.54E-08	1.04E-07	1.65E-07	2.90E-08	1.51E-07	8.80E-07
3964	483363.09	3853877.25	1.10E-03	1.15E-03	9.72E-04	3.82E-07	1.15E-06	6.68E-07	7.00E-07	6.34E-07	2.89E-07	2.44E-07	1.28E-08	3.08E-07	6.80E-08	9.50E-08	1.51E-07	2.66E-08	1.28E-07	7.89E-07
3965	483863.09	3853877.25	1.05E-03	1.11E-03	9.02E-04	3.65E-07	1.10E-06	6.39E-07	6.74E-07	6.11E-07	2.79E-07	2.26E-07	1.22E-08	2.95E-07	6.50E-08	9.15E-08	1.45E-07	2.56E-08	1.19E-07	7.53E-07
3966	484363.09	3853877.25	8.20E-04	8.64E-04	7.07E-04	2.84E-07	8.58E-07	4.97E-07	5.23E-07	4.74E-07	2.16E-07	1.77E-07	9.49E-09	2.29E-07	5.06E-08	7.10E-08	1.13E-07	1.99E-08	9.29E-08	5.86E-07
3967	484863.09	3853877.25	6.38E-04	6.66E-04	5.71E-04	2.21E-07	6.68E-07	3.86E-07	4.03E-07	3.65E-07	1.67E-07	1.43E-07	7.38E-09	1.78E-07	3.94E-08	5.47E-08	8.68E-08	1.53E-08	7.50E-08	4.57E-07
3968	485363.09	3853877.25	4.91E-04	5.05E-04	4.62E-04	1.70E-07	5.14E-07	2.97E-07	3.06E-07	2.77E-07	1.27E-07	1.16E-07	5.68E-09	1.37E-07	3.03E-08	4.16E-08	6.59E-08	1.16E-08	6.07E-08	3.53E-07

3969	485863.09	3853877.25	5.76E-04	5.92E-04	5.44E-04	1.99E-07	6.02E-07	3.49E-07	3.59E-07	3.25E-07	1.48E-07	1.36E-07	6.66E-09	1.61E-07	3.55E-08	4.87E-08	7.72E-08	1.36E-08	7.16E-08	4.14E-07
3970	486363.09	3853877.25	6.00E-04	6.17E-04	5.69E-04	2.08E-07	6.28E-07	3.63E-07	3.74E-07	3.39E-07	1.55E-07	1.42E-07	6.94E-09	1.68E-07	3.70E-08	5.07E-08	8.05E-08	1.42E-08	7.48E-08	4.32E-07
3971	486863.09	3853877.25	6.40E-04	6.59E-04	6.04E-04	2.22E-07	6.70E-07	3.88E-07	3.99E-07	3.62E-07	1.65E-07	1.51E-07	7.41E-09	1.79E-07	3.95E-08	5.42E-08	8.60E-08	1.51E-08	7.94E-08	4.60E-07
3972	487363.09	3853877.25	7.15E-04	7.39E-04	6.65E-04	2.48E-07	7.49E-07	4.33E-07	4.48E-07	4.06E-07	1.85E-07	1.67E-07	8.28E-09	2.00E-07	4.41E-08	6.08E-08	9.64E-08	1.70E-08	8.74E-08	5.14E-07
3973	487863.09	3853877.25	8.17E-04	8.49E-04	7.43E-04	2.83E-07	8.55E-07	4.95E-07	5.14E-07	4.66E-07	2.13E-07	1.86E-07	9.45E-09	2.28E-07	5.04E-08	6.98E-08	1.11E-07	1.95E-08	9.77E-08	5.86E-07
3974	488363.09	3853877.25	8.96E-04	9.34E-04	8.05E-04	3.10E-07	9.37E-07	5.43E-07	5.66E-07	5.13E-07	2.34E-07	2.02E-07	1.04E-08	2.50E-07	5.53E-08	7.68E-08	1.22E-07	2.15E-08	1.06E-07	6.42E-07
3975	488863.09	3853877.25	1.00E-03	1.05E-03	8.92E-04	3.48E-07	1.05E-06	6.08E-07	6.35E-07	5.76E-07	2.63E-07	2.24E-07	1.16E-08	2.80E-07	6.19E-08	8.62E-08	1.37E-07	2.41E-08	1.17E-07	7.18E-07
3976	489363.09	3853877.25	1.01E-03	1.05E-03	8.95E-04	3.49E-07	1.05E-06	6.11E-07	6.38E-07	5.79E-07	2.64E-07	2.24E-07	1.17E-08	2.82E-07	6.22E-08	8.67E-08	1.37E-07	2.42E-08	1.18E-07	7.22E-07
3977	489863.09	3853877.25	1.07E-03	1.12E-03	9.52E-04	3.72E-07	1.12E-06	6.50E-07	6.80E-07	6.17E-07	2.81E-07	2.39E-07	1.24E-08	3.00E-07	6.62E-08	9.24E-08	1.47E-07	2.58E-08	1.25E-07	7.69E-07
3978	490363.09	3853877.25	1.09E-03	1.14E-03	9.67E-04	3.78E-07	1.14E-06	6.61E-07	6.91E-07	6.27E-07	2.86E-07	2.42E-07	1.26E-08	3.05E-07	6.73E-08	9.39E-08	1.49E-07	2.62E-08	1.27E-07	7.81E-07
3979	490863.09	3853877.25	1.10E-03	1.16E-03	9.76E-04	3.83E-07	1.16E-06	6.69E-07	7.00E-07	6.35E-07	2.90E-07	2.45E-07	1.28E-08	3.09E-07	6.81E-08	9.51E-08	1.51E-07	2.66E-08	1.28E-07	7.90E-07
3980	491363.09	3853877.25	1.14E-03	1.20E-03	1.01E-03	3.96E-07	1.20E-06	6.93E-07	7.25E-07	6.57E-07	3.00E-07	2.53E-07	1.32E-08	3.20E-07	7.05E-08	9.85E-08	1.56E-07	2.75E-08	1.33E-07	8.19E-07
3981	491863.09	3853877.25	1.19E-03	1.24E-03	1.06E-03	4.12E-07	1.25E-06	7.21E-07	7.54E-07	6.83E-07	3.12E-07	2.65E-07	1.38E-08	3.33E-07	7.34E-08	1.02E-07	1.62E-07	2.86E-08	1.39E-07	8.52E-07
3982	492363.09	3853877.25	1.26E-03	1.32E-03	1.12E-03	4.37E-07	1.32E-06	7.64E-07	7.98E-07	7.23E-07	3.30E-07	2.81E-07	1.46E-08	3.52E-07	7.78E-08	1.08E-07	1.72E-07	3.03E-08	1.48E-07	9.03E-07
3983	492863.09	3853877.25	1.29E-03	1.35E-03	1.15E-03	4.47E-07	1.35E-06	7.81E-07	8.15E-07	7.39E-07	3.37E-07	2.88E-07	1.49E-08	3.60E-07	7.95E-08	1.11E-07	1.76E-07	3.09E-08	1.51E-07	9.23E-07
3984	493363.09	3853877.25	1.26E-03	1.32E-03	1.13E-03	4.38E-07	1.32E-06	7.65E-07	7.98E-07	7.23E-07	3.30E-07	2.83E-07	1.46E-08	3.53E-07	7.79E-08	1.08E-07	1.72E-07	3.03E-08	1.49E-07	9.05E-07
3985	493863.09	3853877.25	1.23E-03	1.28E-03	1.10E-03	4.26E-07	1.29E-06	7.45E-07	7.76E-07	7.04E-07	3.21E-07	2.77E-07	1.42E-08	3.44E-07	7.58E-08	1.05E-07	1.67E-07	2.95E-08	1.45E-07	8.81E-07
3986	494363.09	3853877.25	1.22E-03	1.27E-03	1.10E-03	4.23E-07	1.28E-06	7.40E-07	7.70E-07	6.98E-07	3.18E-07	2.77E-07	1.41E-08	3.41E-07	7.53E-08	1.05E-07	1.66E-07	2.92E-08	1.45E-07	8.76E-07
3987	494863.09	3853877.25	1.18E-03	1.23E-03	1.07E-03	4.10E-07	1.24E-06	7.16E-07	7.44E-07	6.75E-07	3.08E-07	2.69E-07	1.37E-08	3.31E-07	7.30E-08	1.01E-07	1.60E-07	2.83E-08	1.41E-07	8.48E-07
3988	495363.09	3853877.25	1.06E-03	1.10E-03	9.73E-04	3.69E-07	1.11E-06	6.44E-07	6.68E-07	6.06E-07	2.76E-07	2.44E-07	1.23E-08	2.97E-07	6.56E-08	9.07E-08	1.44E-07	2.54E-08	1.28E-07	7.63E-07
3989	495863.09	3853877.25	9.82E-04	1.02E-03	9.04E-04	3.40E-07	1.03E-06	5.95E-07	6.16E-07	5.58E-07	2.55E-07	2.27E-07	1.14E-08	2.74E-07	6.06E-08	8.36E-08	1.33E-07	2.34E-08	1.19E-07	7.05E-07
3990	496363.09	3853877.25	9.40E-04	9.71E-04	8.71E-04	3.26E-07	9.83E-07	5.69E-07	5.88E-07	5.33E-07	2.43E-07	2.18E-07	1.09E-08	2.63E-07	5.80E-08	7.99E-08	1.27E-07	2.23E-08	1.14E-07	6.75E-07
3991	496863.09	3853877.25	8.55E-04	8.82E-04	7.99E-04	2.96E-07	8.95E-07	5.18E-07	5.34E-07	4.84E-07	2.21E-07	2.00E-07	9.90E-09	2.39E-07	5.28E-08	7.25E-08	1.15E-07	2.03E-08	1.05E-07	6.15E-07
3992	497363.09	3853877.25	7.87E-04	8.09E-04	7.40E-04	2.73E-07	8.23E-07	4.76E-07	4.90E-07	4.44E-07	2.03E-07	1.86E-07	9.10E-09	2.20E-07	4.85E-08	6.65E-08	1.06E-07	1.86E-08	9.74E-08	5.66E-07
3993	497863.09	3853877.25	6.91E-04	7.09E-04	6.57E-04	2.40E-07	7.23E-07	4.19E-07	4.29E-07	3.89E-07	1.78E-07	1.65E-07	8.00E-09	1.93E-07	4.26E-08	5.83E-08	9.25E-08	1.63E-08	8.64E-08	4.97E-07
3994	498363.09	3853877.25	6.33E-04	6.48E-04	6.05E-04	2.19E-07	6.62E-07	3.83E-07	3.92E-07	3.56E-07	1.62E-07	1.52E-07	7.32E-09	1.77E-07	3.90E-08	5.33E-08	8.45E-08	1.49E-08	7.95E-08	4.55E-07
3995	471363.09	3854377.25	2.25E-04	2.30E-04	2.18E-04	7.80E-08	2.35E-07	1.36E-07	1.39E-07	1.26E-07	5.76E-08	5.46E-08	2.60E-09	6.29E-08	1.39E-08	1.89E-08	3.00E-08	5.29E-09	2.86E-08	1.62E-07
3996	471863.09	3854377.25	2.44E-04	2.49E-04	2.36E-04	8.45E-08	2.55E-07	1.48E-07	1.51E-07	1.37E-07	6.24E-08	5.91E-08	2.82E-09	6.81E-08	1.50E-08	2.05E-08	3.25E-08	5.73E-09	3.10E-08	1.76E-07
3997	472363.09	3854377.25	2.58E-04	2.63E-04	2.49E-04	8.93E-08	2.70E-07	1.56E-07	1.60E-07	1.45E-07	6.60E-08	6.23E-08	2.98E-09	7.20E-08	1.59E-08	2.17E-08	3.44E-08	6.06E-09	3.27E-08	1.86E-07
3998	472863.09	3854377.25	2.68E-04	2.74E-04	2.58E-04	9.28E-08	2.80E-07	1.62E-07	1.66E-07	1.50E-07	6.87E-08	6.46E-08	3.10E-09	7.48E-08	1.65E-08	2.25E-08	3.57E-08	6.30E-09	3.39E-08	1.93E-07
3999	473363.09	3854377.25	2.81E-04	2.88E-04	2.70E-04	9.75E-08	2.94E-07	1.70E-07	1.74E-07	1.58E-07	7.22E-08	6.77E-08	3.25E-09	7.86E-08	1.73E-08	2.37E-08	3.76E-08	6.62E-09	3.56E-08	2.03E-07
4000	473863.09	3854377.25	2.97E-04	3.05E-04	2.85E-04	1.03E-07	3.11E-07	1.80E-07	1.85E-07	1.67E-07	7.64E-08	7.14E-08	3.44E-09	8.31E-08	1.83E-08	2.51E-08	3.98E-08	7.01E-09	3.75E-08	2.14E-07
4001	474363.09	3854377.25	3.11E-04	3.19E-04	2.97E-04	1.08E-07	3.25E-07	1.88E-07	1.93E-07	1.75E-07	7.99E-08	7.44E-08	3.60E-09	8.69E-08	1.92E-08	2.62E-08	4.16E-08	7.34E-09	3.90E-08	2.24E-07
4002	474863.09	3854377.25	3.01E-04	3.09E-04	2.86E-04	1.04E-07	3.15E-07	1.82E-07	1.87E-07	1.69E-07	7.73E-08	7.17E-08	3.48E-09	8.40E-08	1.85E-08	2.54E-08	4.03E-08	7.10E-09	3.76E-08	2.16E-07
4003	475363.09	3854377.25	2.75E-04	2.82E-04	2.62E-04	9.52E-08	2.87E-07	1.66E-07	1.71E-07	1.55E-07	7.07E-08	6.55E-08	3.18E-09	7.68E-08	1.69E-08	2.32E-08	3.68E-08	6.48E-09	3.44E-08	1.98E-07
4004	475863.09	3854377.25	2.24E-04	2.30E-04	2.16E-04	7.78E-08	2.35E-07	1.36E-07	1.39E-07	1.26E-07	5.75E-08	5.42E-08	2.60E-09	6.27E-08	1.38E-08	1.89E-08	2.99E-08	5.28E-09	2.84E-08	1.62E-07
4005	476363.09	3854377.25	2.16E-04	2.21E-04	2.09E-04	7.50E-08	2.27E-07	1.31E-07	1.34E-07	1.21E-07	5.54E-08	5.25E-08	2.51E-09	6.05E-08	1.34E-08	1.82E-08	2.89E-08	5.09E-09	2.75E-08	1.56E-07
4006	476863.09	3854377.25	2.17E-04	2.21E-04	2.10E-04	7.51E-08	2.27E-07	1.31E-07	1.34E-07	1.21E-07	5.54E-08	5.26E-08	2.51E-09	6.05E-08	1.34E-08	1.82E-08	2.89E-08	5.09E-09	2.76E-08	1.56E-07
4007	477363.09	3854377.25	2.19E-04	2.24E-04	2.13E-04	7.60E-08	2.29E-07	1.33E-07	1.36E-07	1.23E-07	5.61E-08	5.33E-08	2.54E-09	6.13E-08	1.35E-08	1.84E-08	2.92E-08	5.15E-09	2.80E-08	1.58E-07
4008	477863.09	3854377.25	2.24E-04	2.29E-04	2.17E-04	7.77E-08	2.35E-07	1.36E-07	1.39E-07	1.26E-07	5.73E-08	5.44E-08	2.59E-09	6.26E-08	1.38E-08	1.88E-08	2.99E-08	5.26E-09	2.86E-08	1.62E-07
4009	478363.09	3854377.25	2.46E-04	2.52E-04	2.37E-04	8.52E-08	2.57E-07	1.49E-07	1.52E-07	1.38E-07	6.30E-08	5.94E-08	2.85E-09	6.87E-08	1.52E-08	2.07E-08	3.28E-08	5.78E-09	3.12E-08	1.77E-07
4010	478863.09	3854377.25	2.63E-04	2.69E-04	2.52E-04	9.10E-08	2.75E-07	1.59E-07	1.63E-07	1.48E-07	6.73E-08	6.32E-08	3.04E-09	7.34E-08	1.62E-08	2.21E-08	3.51E-08	6.18E-09	3.32E-08	1.89E-07
4011	479363.09	3854377.25	3.45E-04	3.55E-04	3.27E-04	1.20E-07	3.61E-07	2.09E-07	2.15E-07	1.95E-07	8.90E-08	8.20E-08	4.00E-09	9.65E-08	2.13E-08	2.92E-08	4.63E-08	8.17E-09	4.30E-08	2.49E-07
4012	479863.09	3854377.25	4.14E-04	4.27E-04	3.88E-04	1.44E-07	4.34E-07	2.51E-07	2.59E-07	2.35E-07	1.07E-07	9.73E-08	4.80E-09	1.16E-07	2.56E-08	3.52E-08	5.58E-08	9.83E-09	5.11E-08	2.98E-07
4013	480363.09	3854377.25	5.24E-04	5.42E-04	4.85E-04	1.81E-07	5.48E-07	3.17E-07	3.28E-07	2.98E-07	1.36E-07	1.22E-07	6.06E-09	1.46E-07	3.23E-08	4.46E-08	7.07E-08	1.25E-08	6.38E-08	3.76E-07
4014	480863.09	3854377.25	7.14E-04	7.41E-04	6.55E-04	2.47E-07	7.47E-07	4.32E-07	4.49E-07	4.07E-07	1.86E-07	1.64E-07	8.26E-09	2.00E-07	4.40E-08	6.09E-08	9.67E-08	1.70E-08	8.61E-08	5.13E-07
4015	481363.09	3854377.25	9.48E-04	9.82E-04	8.75E-04	3.28E-07	9.92E-07	5.74E-07	5.95E-07	5.39E-07	2.46E-07	2.19E-07	1.10E-08	2.65E-07	5.85E-08	8.08E-08	1.28E-07	2.26E-08	1.15E-07	6.81E-07
4016	481863.09	3854377.25	1.75E-03	1.79E-03	1.70E-03	6.05E-07	1.83E-06	1.06E-06	1.08E-06	9.80E-07	4.47E-07	4.26E-07	2.02E-08	4.88E-07	1.08E-07	1.47E-07	2.33E-07	4.11E-08	2.24E-07	1.26E-06
4017	482363.09	3854377.25	2.01E-03	2.05E-03	1.96E-03	6.96E-07	2.10E-06	1.22E-06	1.24E-06	1.13E-06	5.15E-07	4.90E-07	2.32E-08	5.61E-07	1.24E-07	1.69E-07	2.68E-07	4.72E-08	2.57E-07	1.45E-06
4018	482863.09	3854377.25	1.77E-03	1.83E-03	1.67E-03	6.14E-07	1.85E-06	1.07E-06	1.11E-06	1.00E-06	4.58E-07	4.17E-07	2.05E-08	4.95E-07	1.09E-07	1.50E-07	2.39E-07	4.21E-08	2.19E-07	1.28E-06
4019	483363.09	3854377.25	1.54E-03	1.61E-03	1.38E-03	5.33E-07	1.61E-06	9.32E-07	9.73E-07	8.82E-07	4.03E-07	3.45E-07	1.78E-08	4.30E-07	9.49E-08	1.32E-07	2.10E-07	3.69E-08	1.81E-07	1.10E-06
4020	483863.09	3854377.25	1.40E-03	1.48E-03	1.17E-03	4.83E-07	1.46E-06	8.45E-07	8.95E-07	8.11E-07	3.70E-07	2.94E-07	1.61E-08	3.90E-07	8.61E-08	1.22E-07	1.93E-07	3.40E-08	1.54E-07	9.95E-07
4021	484363.09	3854377.25	1.14E-03	1.20E-03	9.88E-04	3.94E-07	1.19E-06	6.89E-07	7.25E-07	6.57E-07	3.00E-07	2.48E-07	1.32E-08	3.18E-07	7.02E-08	9.84E-08	1.56E-07	2.75E-08	1.30E-07	8.13E-07

4022	484863.09	3854377.25	8.99E-04	9.30E-04	8.34E-04	3.12E-07	9.41E-07	5.45E-07	5.63E-07	5.11E-07	2.33E-07	2.09E-07	1.04E-08	2.51E-07	5.55E-08	7.65E-08	1.21E-07	2.14E-08	1.10E-07	6.46E-07
4023	485363.09	3854377.25	1.07E-03	1.10E-03	9.92E-04	3.70E-07	1.12E-06	6.47E-07	6.69E-07	6.07E-07	2.77E-07	2.48E-07	1.24E-08	2.99E-07	6.59E-08	9.09E-08	1.44E-07	2.54E-08	1.30E-07	7.68E-07
4024	485863.09	3854377.25	1.00E-03	1.03E-03	9.36E-04	3.47E-07	1.05E-06	6.06E-07	6.26E-07	5.67E-07	2.59E-07	2.34E-07	1.16E-08	2.80E-07	6.17E-08	8.49E-08	1.35E-07	2.37E-08	1.23E-07	7.19E-07
4025	486363.09	3854377.25	1.14E-03	1.18E-03	1.04E-03	3.94E-07	1.19E-06	6.89E-07	7.16E-07	6.49E-07	2.96E-07	2.60E-07	1.32E-08	3.18E-07	7.02E-08	9.72E-08	1.54E-07	2.72E-08	1.36E-07	8.16E-07
4026	486863.09	3854377.25	1.20E-03	1.25E-03	1.08E-03	4.15E-07	1.25E-06	7.25E-07	7.56E-07	6.85E-07	3.13E-07	2.70E-07	1.39E-08	3.35E-07	7.38E-08	1.03E-07	1.63E-07	2.87E-08	1.41E-07	8.58E-07
4027	487363.09	3854377.25	1.34E-03	1.40E-03	1.18E-03	4.64E-07	1.40E-06	8.11E-07	8.48E-07	7.69E-07	3.51E-07	2.97E-07	1.55E-08	3.74E-07	8.25E-08	1.15E-07	1.83E-07	3.22E-08	1.56E-07	9.58E-07
4028	487863.09	3854377.25	1.47E-03	1.54E-03	1.27E-03	5.08E-07	1.53E-06	8.88E-07	9.34E-07	8.47E-07	3.86E-07	3.19E-07	1.70E-08	4.10E-07	9.05E-08	1.27E-07	2.01E-07	3.55E-08	1.68E-07	1.05E-06
4029	488363.09	3854377.25	1.57E-03	1.65E-03	1.35E-03	5.44E-07	1.64E-06	9.51E-07	1.00E-06	9.08E-07	4.14E-07	3.39E-07	1.82E-08	4.39E-07	9.69E-08	1.36E-07	2.16E-07	3.80E-08	1.78E-07	1.12E-06
4030	488863.09	3854377.25	1.65E-03	1.74E-03	1.42E-03	5.72E-07	1.73E-06	1.00E-06	1.05E-06	9.55E-07	4.36E-07	3.55E-07	1.91E-08	4.61E-07	1.02E-07	1.43E-07	2.27E-07	4.00E-08	1.86E-07	1.18E-06
4031	489363.09	3854377.25	1.70E-03	1.79E-03	1.46E-03	5.90E-07	1.78E-06	1.03E-06	1.09E-06	9.85E-07	4.50E-07	3.67E-07	1.97E-08	4.76E-07	1.05E-07	1.48E-07	2.34E-07	4.13E-08	1.93E-07	1.22E-06
4032	489863.09	3854377.25	1.73E-03	1.82E-03	1.49E-03	5.98E-07	1.81E-06	1.05E-06	1.10E-06	9.97E-07	4.55E-07	3.73E-07	2.00E-08	4.82E-07	1.06E-07	1.49E-07	2.37E-07	4.18E-08	1.96E-07	1.23E-06
4033	490363.09	3854377.25	1.68E-03	1.77E-03	1.45E-03	5.81E-07	1.76E-06	1.02E-06	1.07E-06	9.70E-07	4.42E-07	3.63E-07	1.94E-08	4.69E-07	1.03E-07	1.45E-07	2.30E-07	4.06E-08	1.91E-07	1.20E-06
4034	490863.09	3854377.25	1.44E-03	1.52E-03	1.26E-03	5.00E-07	1.51E-06	8.74E-07	9.18E-07	8.32E-07	3.80E-07	3.15E-07	1.67E-08	4.03E-07	8.90E-08	1.25E-07	1.98E-07	3.48E-08	1.65E-07	1.03E-06
4035	491363.09	3854377.25	1.60E-03	1.68E-03	1.39E-03	5.53E-07	1.67E-06	9.67E-07	1.01E-06	9.20E-07	4.20E-07	3.49E-07	1.85E-08	4.46E-07	9.84E-08	1.38E-07	2.19E-07	3.85E-08	1.83E-07	1.14E-06
4036	491863.09	3854377.25	1.71E-03	1.79E-03	1.50E-03	5.92E-07	1.79E-06	1.03E-06	1.08E-06	9.82E-07	4.48E-07	3.76E-07	1.98E-08	4.77E-07	1.05E-07	1.47E-07	2.33E-07	4.11E-08	1.97E-07	1.22E-06
4037	492363.09	3854377.25	1.73E-03	1.81E-03	1.53E-03	6.01E-07	1.81E-06	1.05E-06	1.10E-06	9.96E-07	4.55E-07	3.84E-07	2.01E-08	4.84E-07	1.07E-07	1.49E-07	2.37E-07	4.17E-08	2.01E-07	1.24E-06
4038	492863.09	3854377.25	1.69E-03	1.76E-03	1.50E-03	5.85E-07	1.77E-06	1.02E-06	1.07E-06	9.69E-07	4.42E-07	3.75E-07	1.95E-08	4.72E-07	1.04E-07	1.45E-07	2.30E-07	4.06E-08	1.97E-07	1.21E-06
4039	493363.09	3854377.25	1.63E-03	1.71E-03	1.46E-03	5.66E-07	1.71E-06	9.90E-07	1.03E-06	9.37E-07	4.27E-07	3.66E-07	1.89E-08	4.57E-07	1.01E-07	1.40E-07	2.23E-07	3.92E-08	1.92E-07	1.17E-06
4040	493863.09	3854377.25	1.59E-03	1.65E-03	1.43E-03	5.50E-07	1.66E-06	9.62E-07	1.00E-06	9.08E-07	4.15E-07	3.58E-07	1.84E-08	4.44E-07	9.80E-08	1.36E-07	2.16E-07	3.80E-08	1.88E-07	1.14E-06
4041	494363.09	3854377.25	1.53E-03	1.59E-03	1.38E-03	5.30E-07	1.60E-06	9.27E-07	9.64E-07	8.74E-07	3.99E-07	3.47E-07	1.77E-08	4.28E-07	9.44E-08	1.31E-07	2.08E-07	3.66E-08	1.82E-07	1.10E-06
4042	494863.09	3854377.25	1.31E-03	1.35E-03	1.19E-03	4.52E-07	1.37E-06	7.91E-07	8.21E-07	7.44E-07	3.39E-07	2.98E-07	1.51E-08	3.65E-07	8.05E-08	1.11E-07	1.77E-07	3.11E-08	1.56E-07	9.36E-07
4043	495363.09	3854377.25	1.11E-03	1.15E-03	1.02E-03	3.84E-07	1.16E-06	6.72E-07	6.95E-07	6.30E-07	2.87E-07	2.56E-07	1.28E-08	3.10E-07	6.84E-08	9.44E-08	1.50E-07	2.64E-08	1.34E-07	7.96E-07
4044	495863.09	3854377.25	1.00E-03	1.03E-03	9.31E-04	3.47E-07	1.05E-06	6.07E-07	6.26E-07	5.68E-07	2.59E-07	2.33E-07	1.16E-08	2.80E-07	6.18E-08	8.50E-08	1.35E-07	2.38E-08	1.22E-07	7.19E-07
4045	496363.09	3854377.25	9.57E-04	9.86E-04	8.96E-04	3.32E-07	1.00E-06	5.80E-07	5.97E-07	5.41E-07	2.47E-07	2.24E-07	1.11E-08	2.68E-07	5.90E-08	8.11E-08	1.29E-07	2.27E-08	1.18E-07	6.88E-07
4046	496863.09	3854377.25	8.89E-04	9.14E-04	8.38E-04	3.08E-07	9.31E-07	5.39E-07	5.54E-07	5.02E-07	2.29E-07	2.10E-07	1.03E-08	2.49E-07	5.49E-08	7.52E-08	1.19E-07	2.10E-08	1.10E-07	6.40E-07
4047	497363.09	3854377.25	7.79E-04	7.99E-04	7.41E-04	2.70E-07	8.16E-07	4.72E-07	4.84E-07	4.39E-07	2.00E-07	1.86E-07	9.02E-09	2.18E-07	4.81E-08	6.57E-08	1.04E-07	1.84E-08	9.75E-08	5.61E-07
4048	497863.09	3854377.25	7.99E-04	8.19E-04	7.61E-04	2.77E-07	8.36E-07	4.84E-07	4.96E-07	4.50E-07	2.05E-07	1.91E-07	9.25E-09	2.23E-07	4.93E-08	6.73E-08	1.07E-07	1.88E-08	1.00E-07	5.75E-07
4049	498363.09	3854377.25	7.35E-04	7.52E-04	7.04E-04	2.55E-07	7.69E-07	4.45E-07	4.55E-07	4.13E-07	1.88E-07	1.76E-07	8.50E-09	2.05E-07	4.53E-08	6.18E-08	9.81E-08	1.73E-08	9.25E-08	5.29E-07
4050	471363.09	3854877.25	2.29E-04	2.35E-04	2.22E-04	7.95E-08	2.40E-07	1.39E-07	1.42E-07	1.29E-07	5.88E-08	5.55E-08	2.66E-09	6.41E-08	1.42E-08	1.93E-08	3.06E-08	5.40E-09	2.91E-08	1.65E-07
4051	471863.09	3854877.25	2.45E-04	2.50E-04	2.36E-04	8.48E-08	2.56E-07	1.48E-07	1.52E-07	1.38E-07	6.27E-08	5.92E-08	2.83E-09	6.84E-08	1.51E-08	2.06E-08	3.27E-08	5.76E-09	3.11E-08	1.76E-07
4052	472363.09	3854877.25	2.58E-04	2.64E-04	2.49E-04	8.95E-08	2.70E-07	1.56E-07	1.60E-07	1.45E-07	6.62E-08	6.24E-08	2.99E-09	7.22E-08	1.59E-08	2.17E-08	3.45E-08	6.08E-09	3.28E-08	1.86E-07
4053	472863.09	3854877.25	2.65E-04	2.71E-04	2.55E-04	9.18E-08	2.77E-07	1.60E-07	1.64E-07	1.49E-07	6.79E-08	6.40E-08	3.07E-09	7.41E-08	1.63E-08	2.23E-08	3.54E-08	6.24E-09	3.36E-08	1.91E-07
4054	473363.09	3854877.25	2.87E-04	2.93E-04	2.76E-04	9.93E-08	3.00E-07	1.74E-07	1.78E-07	1.61E-07	7.35E-08	6.92E-08	3.32E-09	8.01E-08	1.77E-08	2.41E-08	3.83E-08	6.74E-09	3.63E-08	2.07E-07
4055	473863.09	3854877.25	3.07E-04	3.14E-04	2.95E-04	1.06E-07	3.21E-07	1.86E-07	1.90E-07	1.72E-07	7.87E-08	7.40E-08	3.55E-09	8.57E-08	1.89E-08	2.58E-08	4.10E-08	7.22E-09	3.88E-08	2.21E-07
4056	474363.09	3854877.25	3.34E-04	3.42E-04	3.21E-04	1.16E-07	3.49E-07	2.02E-07	2.07E-07	1.88E-07	8.57E-08	8.05E-08	3.86E-09	9.33E-08	2.06E-08	2.81E-08	4.46E-08	7.86E-09	4.22E-08	2.41E-07
4057	474863.09	3854877.25	2.95E-04	3.03E-04	2.83E-04	1.02E-07	3.09E-07	1.79E-07	1.83E-07	1.66E-07	7.59E-08	7.10E-08	3.42E-09	8.26E-08	1.82E-08	2.49E-08	3.95E-08	6.96E-09	3.73E-08	2.13E-07
4058	475363.09	3854877.25	2.54E-04	2.60E-04	2.45E-04	8.81E-08	2.66E-07	1.54E-07	1.58E-07	1.43E-07	6.52E-08	6.14E-08	2.94E-09	7.11E-08	1.57E-08	2.14E-08	3.40E-08	5.98E-09	3.22E-08	1.83E-07
4059	475863.09	3854877.25	2.20E-04	2.25E-04	2.14E-04	7.64E-08	2.31E-07	1.34E-07	1.36E-07	1.24E-07	5.64E-08	5.36E-08	2.55E-09	6.16E-08	1.36E-08	1.85E-08	2.94E-08	5.17E-09	2.81E-08	1.59E-07
4060	476363.09	3854877.25	1.82E-04	1.85E-04	1.79E-04	6.30E-08	1.90E-07	1.10E-07	1.12E-07	1.02E-07	4.63E-08	4.48E-08	2.10E-09	5.08E-08	1.12E-08	1.52E-08	2.41E-08	4.25E-09	2.35E-08	1.31E-07
4061	476863.09	3854877.25	1.85E-04	1.88E-04	1.82E-04	6.41E-08	1.93E-07	1.12E-07	1.14E-07	1.03E-07	4.71E-08	4.55E-08	2.14E-09	5.17E-08	1.14E-08	1.55E-08	2.45E-08	4.32E-09	2.39E-08	1.33E-07
4062	477363.09	3854877.25	2.08E-04	2.12E-04	2.04E-04	7.22E-08	2.18E-07	1.26E-07	1.28E-07	1.16E-07	5.31E-08	5.11E-08	2.41E-09	5.82E-08	1.29E-08	1.74E-08	2.77E-08	4.88E-09	2.68E-08	1.50E-07
4063	477863.09	3854877.25	2.31E-04	2.35E-04	2.25E-04	8.01E-08	2.42E-07	1.40E-07	1.43E-07	1.29E-07	5.90E-08	5.65E-08	2.67E-09	6.46E-08	1.42E-08	1.94E-08	3.07E-08	5.41E-09	2.96E-08	1.67E-07
4064	478363.09	3854877.25	2.76E-04	2.82E-04	2.67E-04	9.57E-08	2.89E-07	1.67E-07	1.71E-07	1.55E-07	7.07E-08	6.70E-08	3.20E-09	7.72E-08	1.70E-08	2.32E-08	3.68E-08	6.49E-09	3.52E-08	1.99E-07
4065	478863.09	3854877.25	3.42E-04	3.51E-04	3.28E-04	1.19E-07	3.58E-07	2.07E-07	2.13E-07	1.93E-07	8.79E-08	8.22E-08	3.96E-09	9.57E-08	2.11E-08	2.89E-08	4.58E-08	8.07E-09	4.31E-08	2.47E-07
4066	479363.09	3854877.25	4.35E-04	4.48E-04	4.11E-04	1.51E-07	4.55E-07	2.63E-07	2.71E-07	2.46E-07	1.12E-07	1.03E-07	5.03E-09	1.22E-07	2.68E-08	3.68E-08	5.84E-08	1.03E-08	5.40E-08	3.13E-07
4067	479863.09	3854877.25	5.59E-04	5.78E-04	5.21E-04	1.94E-07	5.85E-07	3.39E-07	3.50E-07	3.17E-07	1.45E-07	1.31E-07	6.47E-09	1.56E-07	3.45E-08	4.75E-08	7.54E-08	1.33E-08	6.85E-08	4.02E-07
4068	480363.09	3854877.25	6.97E-04	7.22E-04	6.45E-04	2.42E-07	7.30E-07	4.23E-07	4.37E-07	3.97E-07	1.81E-07	1.62E-07	8.07E-09	1.95E-07	4.30E-08	5.94E-08	9.42E-08	1.66E-08	8.48E-08	5.01E-07
4069	480863.09	3854877.25	9.50E-04	9.84E-04	8.78E-04	3.29E-07	9.94E-07	5.76E-07	5.96E-07	5.41E-07	2.47E-07	2.20E-07	1.10E-08	2.66E-07	5.86E-08	8.10E-08	1.28E-07	2.26E-08	1.15E-07	6.83E-07
4070	481363.09	3854877.25	1.18E-03	1.22E-03	1.09E-03	4.09E-07	1.23E-06	7.15E-07	7.40E-07	6.71E-07	3.06E-07	2.74E-07	1.37E-08	3.30E-07	7.28E-08	1.00E-07	1.59E-07	2.81E-08	1.44E-07	8.48E-07
4071	481863.09	3854877.25	1.27E-03	1.31E-03	1.17E-03	4.39E-07	1.32E-06	7.67E-07	7.94E-07	7.20E-07	3.29E-07	2.93E-07	1.46E-08	3.54E-07	7.81E-08	1.08E-07	1.71E-07	3.02E-08	1.54E-07	9.09E-07
4072	482363.09	3854877.25	3.40E-03	3.45E-03	3.37E-03	1.18E-06	3.55E-06	2.06E-06	2.09E-06	1.90E-06	8.65E-07	8.45E-07	3.93E-08	9.49E-07	2.09E-07	2.84E-07	4.51E-07	7.94E-08	4.43E-07	2.46E-06
4073	482863.09	3854877.25	4.68E-03	4.75E-03	4.66E-03	1.62E-06	4.89E-06	2.83E-06	2.88E-06	2.61E-06	1.19E-06	1.17E-06	5.41E-08	1.31E-06	2.88E-07	3.91E-07	6.20E-07	1.09E-07	6.13E-07	3.38E-06
4074	483363.09	3854877.25	4.81E-03	4.91E-03	4.69E-03	1.67E-06	5.03E-06	2.91E-06	2.98E-06	2.70E-06	1.23E-06	1.17E-06	5.57E-08	1.34E-06	2.97E-07	4.04E-07	6.41E-07	1.13E-07	6.17E-07	3.47E-06

4075	483863.09	3854877.25	4.13E-03	4.28E-03	3.81E-03	1.43E-06	4.32E-06	2.50E-06	2.59E-06	2.35E-06	1.07E-06	9.53E-07	4.78E-08	1.15E-06	2.55E-07	3.52E-07	5.58E-07	9.84E-08	5.00E-07	2.96E-06
4076	484363.09	3854877.25	3.43E-03	3.61E-03	2.96E-03	1.19E-06	3.59E-06	2.08E-06	2.19E-06	1.98E-06	9.06E-07	7.42E-07	3.97E-08	9.59E-07	2.12E-07	2.97E-07	4.72E-07	8.31E-08	3.90E-07	2.45E-06
4077	484863.09	3854877.25	2.92E-03	3.07E-03	2.53E-03	1.01E-06	3.06E-06	1.77E-06	1.86E-06	1.69E-06	7.70E-07	6.35E-07	3.38E-08	8.16E-07	1.80E-07	2.53E-07	4.01E-07	7.06E-08	3.33E-07	2.09E-06
4078	485363.09	3854877.25	2.94E-03	3.12E-03	2.45E-03	1.02E-06	3.08E-06	1.78E-06	1.89E-06	1.71E-06	7.83E-07	6.14E-07	3.40E-08	8.22E-07	1.81E-07	2.57E-07	4.07E-07	7.18E-08	3.22E-07	2.10E-06
4079	485863.09	3854877.25	2.82E-03	3.00E-03	2.31E-03	9.76E-07	2.95E-06	1.71E-06	1.82E-06	1.65E-06	7.52E-07	5.78E-07	3.26E-08	7.88E-07	1.74E-07	2.47E-07	3.92E-07	6.90E-08	3.03E-07	2.01E-06
4080	486363.09	3854877.25	2.66E-03	2.83E-03	2.18E-03	9.21E-07	2.78E-06	1.61E-06	1.71E-06	1.55E-06	7.09E-07	5.47E-07	3.07E-08	7.43E-07	1.64E-07	2.33E-07	3.69E-07	6.51E-08	2.87E-07	1.89E-06
4081	486863.09	3854877.25	2.52E-03	2.69E-03	2.08E-03	8.75E-07	2.64E-06	1.53E-06	1.63E-06	1.48E-06	6.73E-07	5.22E-07	2.92E-08	7.06E-07	1.56E-07	2.21E-07	3.51E-07	6.18E-08	2.74E-07	1.80E-06
4082	487363.09	3854877.25	2.65E-03	2.81E-03	2.18E-03	9.17E-07	2.77E-06	1.60E-06	1.70E-06	1.55E-06	7.05E-07	5.47E-07	3.06E-08	7.40E-07	1.63E-07	2.31E-07	3.67E-07	6.47E-08	2.87E-07	1.88E-06
4083	487863.09	3854877.25	2.66E-03	2.83E-03	2.19E-03	9.23E-07	2.79E-06	1.61E-06	1.72E-06	1.56E-06	7.10E-07	5.50E-07	3.08E-08	7.44E-07	1.64E-07	2.33E-07	3.70E-07	6.52E-08	2.89E-07	1.90E-06
4084	488363.09	3854877.25	2.70E-03	2.87E-03	2.23E-03	9.35E-07	2.82E-06	1.63E-06	1.74E-06	1.58E-06	7.19E-07	5.59E-07	3.12E-08	7.54E-07	1.66E-07	2.36E-07	3.74E-07	6.60E-08	2.93E-07	1.92E-06
4085	488863.09	3854877.25	2.74E-03	2.91E-03	2.28E-03	9.51E-07	2.87E-06	1.66E-06	1.77E-06	1.60E-06	7.30E-07	5.72E-07	3.18E-08	7.67E-07	1.69E-07	2.40E-07	3.80E-07	6.70E-08	3.00E-07	1.96E-06
4086	489363.09	3854877.25	2.71E-03	2.88E-03	2.28E-03	9.41E-07	2.84E-06	1.64E-06	1.74E-06	1.58E-06	7.21E-07	5.72E-07	3.14E-08	7.59E-07	1.67E-07	2.37E-07	3.75E-07	6.61E-08	3.00E-07	1.94E-06
4087	489863.09	3854877.25	2.54E-03	2.69E-03	2.15E-03	8.82E-07	2.66E-06	1.54E-06	1.63E-06	1.48E-06	6.74E-07	5.40E-07	2.94E-08	7.11E-07	1.57E-07	2.21E-07	3.51E-07	6.19E-08	2.83E-07	1.82E-06
4088	490363.09	3854877.25	1.98E-03	2.09E-03	1.69E-03	6.86E-07	2.07E-06	1.20E-06	1.27E-06	1.15E-06	5.24E-07	4.24E-07	2.29E-08	5.54E-07	1.22E-07	1.72E-07	2.73E-07	4.81E-08	2.22E-07	1.41E-06
4089	490863.09	3854877.25	1.54E-03	1.62E-03	1.35E-03	5.34E-07	1.61E-06	9.34E-07	9.81E-07	8.89E-07	4.06E-07	3.37E-07	1.78E-08	4.31E-07	9.51E-08	1.33E-07	2.11E-07	3.72E-08	1.77E-07	1.10E-06
4090	491363.09	3854877.25	1.66E-03	1.74E-03	1.45E-03	5.76E-07	1.74E-06	1.01E-06	1.06E-06	9.58E-07	4.37E-07	3.65E-07	1.92E-08	4.65E-07	1.03E-07	1.43E-07	2.28E-07	4.01E-08	1.91E-07	1.19E-06
4091	491863.09	3854877.25	2.27E-03	2.38E-03	1.99E-03	7.87E-07	2.38E-06	1.38E-06	1.44E-06	1.31E-06	5.97E-07	4.98E-07	2.63E-08	6.35E-07	1.40E-07	1.96E-07	3.11E-07	5.48E-08	2.61E-07	1.62E-06
4092	492363.09	3854877.25	2.26E-03	2.37E-03	1.99E-03	7.83E-07	2.36E-06	1.37E-06	1.43E-06	1.30E-06	5.93E-07	4.99E-07	2.61E-08	6.31E-07	1.39E-07	1.95E-07	3.09E-07	5.44E-08	2.62E-07	1.62E-06
4093	492863.09	3854877.25	2.19E-03	2.29E-03	1.95E-03	7.59E-07	2.29E-06	1.33E-06	1.39E-06	1.26E-06	5.73E-07	4.88E-07	2.53E-08	6.12E-07	1.35E-07	1.88E-07	2.98E-07	5.26E-08	2.56E-07	1.57E-06
4094	493363.09	3854877.25	2.08E-03	2.17E-03	1.87E-03	7.21E-07	2.18E-06	1.26E-06	1.31E-06	1.19E-06	5.43E-07	4.67E-07	2.41E-08	5.81E-07	1.28E-07	1.78E-07	2.83E-07	4.99E-08	2.45E-07	1.49E-06
4095	493863.09	3854877.25	1.98E-03	2.06E-03	1.78E-03	6.85E-07	2.07E-06	1.20E-06	1.25E-06	1.13E-06	5.15E-07	4.47E-07	2.29E-08	5.52E-07	1.22E-07	1.69E-07	2.68E-07	4.73E-08	2.35E-07	1.42E-06
4096	494363.09	3854877.25	1.61E-03	1.67E-03	1.46E-03	5.57E-07	1.68E-06	9.74E-07	1.01E-06	9.17E-07	4.18E-07	3.66E-07	1.86E-08	4.49E-07	9.92E-08	1.37E-07	2.18E-07	3.84E-08	1.92E-07	1.15E-06
4097	494863.09	3854877.25	1.28E-03	1.32E-03	1.18E-03	4.42E-07	1.34E-06	7.73E-07	8.00E-07	7.25E-07	3.31E-07	2.95E-07	1.48E-08	3.57E-07	7.87E-08	1.09E-07	1.72E-07	3.04E-08	1.55E-07	9.16E-07
4098	495363.09	3854877.25	1.11E-03	1.14E-03	1.03E-03	3.84E-07	1.16E-06	6.71E-07	6.92E-07	6.27E-07	2.86E-07	2.59E-07	1.28E-08	3.10E-07	6.83E-08	9.40E-08	1.49E-07	2.63E-08	1.36E-07	7.96E-07
4099	495863.09	3854877.25	1.02E-03	1.05E-03	9.57E-04	3.53E-07	1.07E-06	6.17E-07	6.34E-07	5.75E-07	2.62E-07	2.40E-07	1.18E-08	2.85E-07	6.28E-08	8.61E-08	1.37E-07	2.41E-08	1.26E-07	7.32E-07
4100	496363.09	3854877.25	8.99E-04	9.22E-04	8.53E-04	3.12E-07	9.41E-07	5.45E-07	5.59E-07	5.06E-07	2.31E-07	2.14E-07	1.04E-08	2.51E-07	5.54E-08	7.58E-08	1.20E-07	2.12E-08	1.12E-07	6.47E-07
4101	496863.09	3854877.25	8.22E-04	8.42E-04	7.85E-04	2.85E-07	8.60E-07	4.98E-07	5.10E-07	4.62E-07	2.11E-07	1.97E-07	9.52E-09	2.30E-07	5.07E-08	6.93E-08	1.10E-07	1.94E-08	1.03E-07	5.92E-07
4102	497363.09	3854877.25	7.98E-04	8.17E-04	7.65E-04	2.77E-07	8.35E-07	4.84E-07	4.95E-07	4.49E-07	2.05E-07	1.92E-07	9.24E-09	2.23E-07	4.93E-08	6.72E-08	1.07E-07	1.88E-08	1.01E-07	5.75E-07
4103	497863.09	3854877.25	8.48E-04	8.68E-04	8.13E-04	2.94E-07	8.88E-07	5.14E-07	5.26E-07	4.77E-07	2.17E-07	2.04E-07	9.82E-09	2.37E-07	5.23E-08	7.14E-08	1.13E-07	2.00E-08	1.07E-07	6.11E-07
4104	498363.09	3854877.25	8.35E-04	8.54E-04	8.03E-04	2.90E-07	8.74E-07	5.06E-07	5.17E-07	4.69E-07	2.14E-07	2.01E-07	9.67E-09	2.34E-07	5.15E-08	7.02E-08	1.11E-07	1.96E-08	1.06E-07	6.02E-07
4105	471363.09	3855377.25	2.39E-04	2.44E-04	2.31E-04	8.27E-08	2.50E-07	1.45E-07	1.48E-07	1.34E-07	6.12E-08	5.78E-08	2.76E-09	6.67E-08	1.47E-08	2.01E-08	3.18E-08	5.61E-09	3.03E-08	1.72E-07
4106	471863.09	3855377.25	2.48E-04	2.53E-04	2.39E-04	8.59E-08	2.59E-07	1.50E-07	1.54E-07	1.39E-07	6.35E-08	6.00E-08	2.87E-09	6.93E-08	1.53E-08	2.08E-08	3.31E-08	5.83E-09	3.15E-08	1.79E-07
4107	472363.09	3855377.25	2.65E-04	2.71E-04	2.56E-04	9.19E-08	2.78E-07	1.61E-07	1.64E-07	1.49E-07	6.80E-08	6.42E-08	3.07E-09	7.42E-08	1.64E-08	2.23E-08	3.54E-08	6.24E-09	3.37E-08	1.91E-07
4108	472863.09	3855377.25	2.74E-04	2.81E-04	2.65E-04	9.51E-08	2.87E-07	1.66E-07	1.70E-07	1.54E-07	7.04E-08	6.63E-08	3.18E-09	7.67E-08	1.69E-08	2.31E-08	3.66E-08	6.46E-09	3.48E-08	1.98E-07
4109	473363.09	3855377.25	2.99E-04	3.06E-04	2.89E-04	1.04E-07	3.13E-07	1.81E-07	1.86E-07	1.68E-07	7.68E-08	7.23E-08	3.46E-09	8.37E-08	1.85E-08	2.52E-08	4.00E-08	7.05E-09	3.80E-08	2.16E-07
4110	473863.09	3855377.25	3.20E-04	3.28E-04	3.09E-04	1.11E-07	3.35E-07	1.94E-07	1.99E-07	1.80E-07	8.22E-08	7.74E-08	3.71E-09	8.96E-08	1.98E-08	2.70E-08	4.28E-08	7.54E-09	4.06E-08	2.31E-07
4111	474363.09	3855377.25	3.44E-04	3.52E-04	3.31E-04	1.19E-07	3.60E-07	2.08E-07	2.13E-07	1.93E-07	8.82E-08	8.29E-08	3.98E-09	9.61E-08	2.12E-08	2.89E-08	4.59E-08	8.09E-09	4.35E-08	2.48E-07
4112	474863.09	3855377.25	3.05E-04	3.12E-04	2.92E-04	1.06E-07	3.19E-07	1.84E-07	1.89E-07	1.71E-07	7.82E-08	7.32E-08	3.52E-09	8.51E-08	1.88E-08	2.57E-08	4.07E-08	7.17E-09	3.84E-08	2.19E-07
4113	475363.09	3855377.25	2.03E-04	2.07E-04	1.98E-04	7.02E-08	2.12E-07	1.23E-07	1.25E-07	1.13E-07	5.17E-08	4.96E-08	2.35E-09	5.66E-08	1.25E-08	1.70E-08	2.69E-08	4.75E-09	2.60E-08	1.46E-07
4114	475863.09	3855377.25	1.80E-04	1.83E-04	1.78E-04	6.25E-08	1.89E-07	1.09E-07	1.11E-07	1.01E-07	4.59E-08	4.45E-08	2.09E-09	5.04E-08	1.11E-08	1.51E-08	2.39E-08	4.21E-09	2.34E-08	1.30E-07
4115	476363.09	3855377.25	2.01E-04	2.05E-04	1.97E-04	6.97E-08	2.10E-07	1.22E-07	1.24E-07	1.12E-07	5.13E-08	4.95E-08	2.33E-09	5.62E-08	1.24E-08	1.68E-08	2.67E-08	4.71E-09	2.60E-08	1.45E-07
4116	476863.09	3855377.25	2.05E-04	2.08E-04	2.01E-04	7.10E-08	2.14E-07	1.24E-07	1.26E-07	1.14E-07	5.22E-08	5.04E-08	2.37E-09	5.73E-08	1.26E-08	1.71E-08	2.72E-08	4.79E-09	2.65E-08	1.48E-07
4117	477363.09	3855377.25	2.22E-04	2.26E-04	2.18E-04	7.70E-08	2.32E-07	1.35E-07	1.37E-07	1.24E-07	5.66E-08	5.46E-08	2.57E-09	6.21E-08	1.37E-08	1.86E-08	2.95E-08	5.20E-09	2.86E-08	1.60E-07
4118	477863.09	3855377.25	2.61E-04	2.66E-04	2.54E-04	9.03E-08	2.73E-07	1.58E-07	1.61E-07	1.46E-07	6.66E-08	6.36E-08	3.02E-09	7.29E-08	1.61E-08	2.19E-08	3.47E-08	6.11E-09	3.34E-08	1.88E-07
4119	478363.09	3855377.25	3.08E-04	3.15E-04	2.98E-04	1.07E-07	3.22E-07	1.87E-07	1.91E-07	1.73E-07	7.89E-08	7.47E-08	3.57E-09	8.61E-08	1.90E-08	2.59E-08	4.11E-08	7.24E-09	3.92E-08	2.22E-07
4120	478863.09	3855377.25	3.64E-04	3.73E-04	3.50E-04	1.26E-07	3.81E-07	2.21E-07	2.26E-07	2.05E-07	9.35E-08	8.77E-08	4.22E-09	1.02E-07	2.25E-08	3.07E-08	4.87E-08	8.58E-09	4.60E-08	2.63E-07
4121	479363.09	3855377.25	4.54E-04	4.66E-04	4.32E-04	1.57E-07	4.75E-07	2.75E-07	2.82E-07	2.56E-07	1.17E-07	1.08E-07	5.25E-09	1.27E-07	2.80E-08	3.83E-08	6.08E-08	1.07E-08	5.68E-08	3.27E-07
4122	479863.09	3855377.25	5.56E-04	5.72E-04	5.25E-04	1.93E-07	5.82E-07	3.37E-07	3.47E-07	3.14E-07	1.43E-07	1.31E-07	6.43E-09	1.55E-07	3.43E-08	4.71E-08	7.47E-08	1.32E-08	6.90E-08	4.00E-07
4123	480363.09	3855377.25	7.53E-04	7.78E-04	7.02E-04	2.61E-07	7.88E-07	4.56E-07	4.72E-07	4.27E-07	1.95E-07	1.76E-07	8.72E-09	2.11E-07	4.65E-08	6.40E-08	1.02E-07	1.79E-08	9.23E-08	5.42E-07
4124	480863.09	3855377.25	1.09E-03	1.13E-03	1.02E-03	3.79E-07	1.15E-06	6.63E-07	6.85E-07	6.21E-07	2.83E-07	2.56E-07	1.27E-08	3.06E-07	6.75E-08	9.30E-08	1.48E-07	2.60E-08	1.35E-07	7.87E-07
4125	481363.09	3855377.25	1.68E-03	1.73E-03	1.61E-03	5.83E-07	1.76E-06	1.02E-06	1.05E-06	9.49E-07	4.33E-07	4.02E-07	1.95E-08	4.70E-07	1.04E-07	1.42E-07	2.26E-07	3.98E-08	2.11E-07	1.21E-06
4126	481863.09	3855377.25	2.68E-03	2.73E-03	2.62E-03	9.28E-07	2.80E-06	1.62E-06	1.66E-06	1.50E-06	6.85E-07	6.57E-07	3.10E-08	7.49E-07	1.65E-07	2.25E-07	3.57E-07	6.29E-08	3.45E-07	1.93E-06
4127	482363.09	3855377.25	5.27E-03	5.34E-03	5.33E-03	1.83E-06	5.52E-06	3.19E-06	3.23E-06	2.93E-06	1.34E-06	1.33E-06	6.10E-08	1.47E-06	3.25E-07	4.39E-07	6.97E-07	1.23E-07	7.01E-07	3.82E-06

4128	482863.09	3855377.25	2.13E-02	2.14E-02	2.22E-02	7.38E-06	2.23E-05	1.29E-05	1.30E-05	1.17E-05	5.36E-06	5.56E-06	2.46E-07	5.95E-06	1.31E-06	1.76E-06	2.79E-06	4.92E-07	2.92E-06	1.55E-05
4129	483363.09	3855377.25	2.87E-02	2.88E-02	2.98E-02	9.93E-06	3.00E-05	1.74E-05	1.74E-05	1.58E-05	7.21E-06	7.48E-06	3.32E-07	8.01E-06	1.77E-06	2.37E-06	3.75E-06	6.62E-07	3.92E-06	2.08E-05
4130	483863.09	3855377.25	1.35E-02	1.37E-02	1.35E-02	4.67E-06	1.41E-05	8.16E-06	8.28E-06	7.50E-06	3.42E-06	3.39E-06	1.56E-07	3.77E-06	8.31E-07	1.12E-06	1.78E-06	3.14E-07	1.78E-06	9.75E-06
4131	484363.09	3855377.25	9.58E-03	1.01E-02	8.11E-03	3.32E-06	1.00E-05	5.81E-06	6.15E-06	5.57E-06	2.54E-06	2.03E-06	1.11E-07	2.68E-06	5.91E-07	8.34E-07	1.32E-06	2.33E-07	1.07E-06	6.84E-06
4132	484863.09	3855377.25	4.00E-02	4.56E-02	2.25E-02	1.39E-05	4.19E-05	2.42E-05	2.76E-05	2.50E-05	1.14E-05	5.64E-06	4.63E-07	1.12E-05	2.47E-06	3.75E-06	5.95E-06	1.05E-06	2.96E-06	2.78E-05
4133	485363.09	3855377.25	1.66E-02	1.87E-02	1.03E-02	5.77E-06	1.74E-05	1.01E-05	1.13E-05	1.03E-05	4.68E-06	2.59E-06	1.93E-07	4.65E-06	1.03E-06	1.54E-06	2.44E-06	4.29E-07	1.36E-06	1.16E-05
4134	485863.09	3855377.25	9.41E-03	1.04E-02	6.49E-03	3.26E-06	9.85E-06	5.70E-06	6.29E-06	5.70E-06	2.60E-06	1.62E-06	1.09E-07	2.63E-06	5.81E-07	8.54E-07	1.35E-06	2.39E-07	8.53E-07	6.62E-06
4135	486363.09	3855377.25	6.52E-03	7.11E-03	4.79E-03	2.26E-06	6.83E-06	3.95E-06	4.31E-06	3.90E-06	1.78E-06	1.20E-06	7.55E-08	1.82E-06	4.02E-07	5.85E-07	9.27E-07	1.63E-07	6.30E-07	4.61E-06
4136	486863.09	3855377.25	5.15E-03	5.56E-03	3.94E-03	1.78E-06	5.39E-06	3.12E-06	3.37E-06	3.06E-06	1.39E-06	9.88E-07	5.96E-08	1.44E-06	3.18E-07	4.58E-07	7.26E-07	1.28E-07	5.19E-07	3.65E-06
4137	487363.09	3855377.25	4.92E-03	5.30E-03	3.85E-03	1.71E-06	5.15E-06	2.98E-06	3.21E-06	2.91E-06	1.33E-06	9.65E-07	5.70E-08	1.38E-06	3.04E-07	4.36E-07	6.91E-07	1.22E-07	5.07E-07	3.49E-06
4138	487863.09	3855377.25	4.64E-03	4.98E-03	3.69E-03	1.61E-06	4.85E-06	2.81E-06	3.01E-06	2.73E-06	1.25E-06	9.24E-07	5.37E-08	1.30E-06	2.86E-07	4.09E-07	6.49E-07	1.14E-07	4.85E-07	3.29E-06
4139	488363.09	3855377.25	4.42E-03	4.72E-03	3.57E-03	1.53E-06	4.62E-06	2.68E-06	2.86E-06	2.59E-06	1.18E-06	8.94E-07	5.11E-08	1.24E-06	2.73E-07	3.88E-07	6.16E-07	1.09E-07	4.69E-07	3.14E-06
4140	488863.09	3855377.25	4.22E-03	4.49E-03	3.46E-03	1.46E-06	4.41E-06	2.55E-06	2.72E-06	2.47E-06	1.13E-06	8.67E-07	4.88E-08	1.18E-06	2.60E-07	3.69E-07	5.86E-07	1.03E-07	4.55E-07	3.00E-06
4141	489363.09	3855377.25	3.99E-03	4.23E-03	3.32E-03	1.38E-06	4.17E-06	2.41E-06	2.56E-06	2.32E-06	1.06E-06	8.31E-07	4.61E-08	1.11E-06	2.46E-07	3.48E-07	5.52E-07	9.73E-08	4.36E-07	2.84E-06
4142	489863.09	3855377.25	3.63E-03	3.85E-03	3.05E-03	1.26E-06	3.80E-06	2.20E-06	2.33E-06	2.11E-06	9.65E-07	7.65E-07	4.20E-08	1.02E-06	2.24E-07	3.17E-07	5.02E-07	8.85E-08	4.01E-07	2.59E-06
4143	490363.09	3855377.25	3.53E-03	3.73E-03	3.01E-03	1.22E-06	3.70E-06	2.14E-06	2.26E-06	2.05E-06	9.35E-07	7.55E-07	4.09E-08	9.88E-07	2.18E-07	3.07E-07	4.87E-07	8.58E-08	3.96E-07	2.52E-06
4144	490863.09	3855377.25	2.43E-03	2.56E-03	2.09E-03	8.42E-07	2.54E-06	1.47E-06	1.55E-06	1.41E-06	6.41E-07	5.25E-07	2.81E-08	6.79E-07	1.50E-07	2.10E-07	3.34E-07	5.88E-08	2.75E-07	1.74E-06
4145	491363.09	3855377.25	2.10E-03	2.20E-03	1.83E-03	7.27E-07	2.20E-06	1.27E-06	1.33E-06	1.21E-06	5.52E-07	4.59E-07	2.43E-08	5.86E-07	1.29E-07	1.81E-07	2.87E-07	5.06E-08	2.41E-07	1.50E-06
4146	491863.09	3855377.25	2.89E-03	3.03E-03	2.54E-03	1.00E-06	3.03E-06	1.75E-06	1.84E-06	1.67E-06	7.60E-07	6.37E-07	3.35E-08	8.09E-07	1.78E-07	2.49E-07	3.96E-07	6.97E-08	3.34E-07	2.07E-06
4147	492363.09	3855377.25	2.87E-03	3.00E-03	2.55E-03	9.94E-07	3.00E-06	1.74E-06	1.82E-06	1.65E-06	7.51E-07	6.40E-07	3.32E-08	8.02E-07	1.77E-07	2.47E-07	3.91E-07	6.89E-08	3.36E-07	2.05E-06
4148	492863.09	3855377.25	2.71E-03	2.82E-03	2.43E-03	9.39E-07	2.83E-06	1.64E-06	1.71E-06	1.55E-06	7.08E-07	6.09E-07	3.14E-08	7.57E-07	1.67E-07	2.32E-07	3.69E-07	6.50E-08	3.20E-07	1.94E-06
4149	493363.09	3855377.25	2.43E-03	2.53E-03	2.19E-03	8.42E-07	2.54E-06	1.47E-06	1.53E-06	1.39E-06	6.33E-07	5.49E-07	2.81E-08	6.79E-07	1.50E-07	2.08E-07	3.30E-07	5.81E-08	2.88E-07	1.74E-06
4150	493863.09	3855377.25	1.99E-03	2.07E-03	1.81E-03	6.90E-07	2.08E-06	1.21E-06	1.25E-06	1.13E-06	5.18E-07	4.54E-07	2.30E-08	5.56E-07	1.23E-07	1.70E-07	2.70E-07	4.75E-08	2.38E-07	1.43E-06
4151	494363.09	3855377.25	1.57E-03	1.63E-03	1.45E-03	5.44E-07	1.64E-06	9.51E-07	9.84E-07	8.92E-07	4.07E-07	3.63E-07	1.82E-08	4.39E-07	9.69E-08	1.34E-07	2.12E-07	3.74E-08	1.90E-07	1.13E-06
4152	494863.09	3855377.25	1.27E-03	1.31E-03	1.19E-03	4.42E-07	1.33E-06	7.72E-07	7.95E-07	7.21E-07	3.29E-07	2.99E-07	1.47E-08	3.56E-07	7.86E-08	1.08E-07	1.71E-07	3.02E-08	1.57E-07	9.16E-07
4153	495363.09	3855377.25	1.09E-03	1.12E-03	1.03E-03	3.78E-07	1.14E-06	6.61E-07	6.78E-07	6.15E-07	2.81E-07	2.59E-07	1.26E-08	3.05E-07	6.73E-08	9.21E-08	1.46E-07	2.57E-08	1.36E-07	7.84E-07
4154	495863.09	3855377.25	9.64E-04	9.87E-04	9.19E-04	3.34E-07	1.01E-06	5.84E-07	5.98E-07	5.42E-07	2.47E-07	2.30E-07	1.12E-08	2.69E-07	5.95E-08	8.12E-08	1.29E-07	2.27E-08	1.21E-07	6.94E-07
4155	496363.09	3855377.25	9.35E-04	9.57E-04	8.95E-04	3.24E-07	9.79E-07	5.67E-07	5.80E-07	5.26E-07	2.40E-07	2.24E-07	1.08E-08	2.61E-07	5.77E-08	7.87E-08	1.25E-07	2.20E-08	1.18E-07	6.73E-07
4156	496863.09	3855377.25	9.10E-04	9.31E-04	8.74E-04	3.16E-07	9.53E-07	5.51E-07	5.64E-07	5.11E-07	2.33E-07	2.19E-07	1.05E-08	2.54E-07	5.62E-08	7.65E-08	1.21E-07	2.14E-08	1.15E-07	6.56E-07
4157	497363.09	3855377.25	9.15E-04	9.35E-04	8.81E-04	3.17E-07	9.58E-07	5.55E-07	5.67E-07	5.14E-07	2.34E-07	2.21E-07	1.06E-08	2.56E-07	5.65E-08	7.69E-08	1.22E-07	2.15E-08	1.16E-07	6.59E-07
4158	497863.09	3855377.25	9.39E-04	9.59E-04	9.04E-04	3.25E-07	9.82E-07	5.69E-07	5.81E-07	5.27E-07	2.40E-07	2.27E-07	1.09E-08	2.62E-07	5.79E-08	7.89E-08	1.25E-07	2.20E-08	1.19E-07	6.76E-07
4159	498363.09	3855377.25	9.73E-04	9.94E-04	9.37E-04	3.37E-07	1.02E-06	5.89E-07	6.02E-07	5.46E-07	2.49E-07	2.35E-07	1.13E-08	2.72E-07	6.00E-08	8.17E-08	1.30E-07	2.28E-08	1.23E-07	7.01E-07
4160	471363.09	3855877.25	2.45E-04	2.50E-04	2.38E-04	8.49E-08	2.56E-07	1.48E-07	1.52E-07	1.37E-07	6.27E-08	5.95E-08	2.83E-09	6.85E-08	1.51E-08	2.06E-08	3.27E-08	5.76E-09	3.13E-08	1.77E-07
4161	471863.09	3855877.25	2.55E-04	2.60E-04	2.47E-04	8.83E-08	2.67E-07	1.54E-07	1.58E-07	1.43E-07	6.52E-08	6.19E-08	2.95E-09	7.12E-08	1.57E-08	2.14E-08	3.40E-08	5.99E-09	3.25E-08	1.84E-07
4162	472363.09	3855877.25	2.78E-04	2.84E-04	2.70E-04	9.64E-08	2.91E-07	1.68E-07	1.72E-07	1.56E-07	7.12E-08	6.76E-08	3.22E-09	7.77E-08	1.72E-08	2.34E-08	3.71E-08	6.54E-09	3.55E-08	2.01E-07
4163	472863.09	3855877.25	2.82E-04	2.89E-04	2.73E-04	9.79E-08	2.96E-07	1.71E-07	1.75E-07	1.59E-07	7.24E-08	6.85E-08	3.27E-09	7.89E-08	1.74E-08	2.38E-08	3.77E-08	6.64E-09	3.60E-08	2.04E-07
4164	473363.09	3855877.25	3.14E-04	3.21E-04	3.04E-04	1.09E-07	3.29E-07	1.90E-07	1.95E-07	1.76E-07	8.05E-08	7.63E-08	3.64E-09	8.79E-08	1.94E-08	2.64E-08	4.19E-08	7.39E-09	4.00E-08	2.27E-07
4165	473863.09	3855877.25	3.38E-04	3.46E-04	3.28E-04	1.17E-07	3.54E-07	2.05E-07	2.10E-07	1.90E-07	8.67E-08	8.21E-08	3.91E-09	9.46E-08	2.09E-08	2.84E-08	4.51E-08	7.95E-09	4.31E-08	2.44E-07
4166	474363.09	3855877.25	3.60E-04	3.68E-04	3.48E-04	1.25E-07	3.76E-07	2.18E-07	2.23E-07	2.02E-07	9.21E-08	8.72E-08	4.16E-09	1.01E-07	2.22E-08	3.02E-08	4.80E-08	8.46E-09	4.57E-08	2.59E-07
4167	474863.09	3855877.25	2.96E-04	3.03E-04	2.85E-04	1.03E-07	3.09E-07	1.79E-07	1.83E-07	1.66E-07	7.59E-08	7.13E-08	3.42E-09	8.27E-08	1.82E-08	2.49E-08	3.95E-08	6.96E-09	3.74E-08	2.13E-07
4168	475363.09	3855877.25	2.24E-04	2.29E-04	2.18E-04	7.77E-08	2.35E-07	1.36E-07	1.39E-07	1.26E-07	5.74E-08	5.45E-08	2.59E-09	6.27E-08	1.38E-08	1.88E-08	2.99E-08	5.26E-09	2.86E-08	1.62E-07
4169	475863.09	3855877.25	1.52E-04	1.54E-04	1.51E-04	5.27E-08	1.59E-07	9.21E-08	9.35E-08	8.47E-08	3.87E-08	3.77E-08	1.76E-09	4.25E-08	9.38E-09	1.27E-08	2.01E-08	3.55E-09	1.98E-08	1.10E-07
4170	476363.09	3855877.25	1.63E-04	1.65E-04	1.61E-04	5.65E-08	1.71E-07	9.87E-08	1.00E-07	9.08E-08	4.14E-08	4.04E-08	1.89E-09	4.56E-08	1.01E-08	1.36E-08	2.16E-08	3.80E-09	2.12E-08	1.18E-07
4171	476863.09	3855877.25	2.08E-04	2.12E-04	2.05E-04	7.22E-08	2.18E-07	1.26E-07	1.28E-07	1.16E-07	5.31E-08	5.13E-08	2.41E-09	5.82E-08	1.28E-08	1.74E-08	2.76E-08	4.87E-09	2.69E-08	1.50E-07
4172	477363.09	3855877.25	2.38E-04	2.43E-04	2.33E-04	8.26E-08	2.49E-07	1.44E-07	1.47E-07	1.33E-07	6.08E-08	5.84E-08	2.76E-09	6.66E-08	1.47E-08	2.00E-08	3.17E-08	5.58E-09	3.07E-08	1.72E-07
4173	477863.09	3855877.25	2.73E-04	2.79E-04	2.67E-04	9.47E-08	2.86E-07	1.66E-07	1.69E-07	1.53E-07	6.99E-08	6.68E-08	3.16E-09	7.64E-08	1.69E-08	2.29E-08	3.64E-08	6.41E-09	3.50E-08	1.97E-07
4174	478363.09	3855877.25	3.25E-04	3.32E-04	3.14E-04	1.12E-07	3.40E-07	1.97E-07	2.01E-07	1.82E-07	8.31E-08	7.87E-08	3.76E-09	9.07E-08	2.00E-08	2.73E-08	4.33E-08	7.63E-09	4.13E-08	2.34E-07
4175	478863.09	3855877.25	3.95E-04	4.04E-04	3.80E-04	1.37E-07	4.13E-07	2.39E-07	2.45E-07	2.22E-07	1.01E-07	9.52E-08	4.57E-09	1.10E-07	2.44E-08	3.33E-08	5.28E-08	9.30E-09	5.00E-08	2.85E-07
4176	479363.09	3855877.25	4.97E-04	5.11E-04	4.74E-04	1.72E-07	5.20E-07	3.01E-07	3.09E-07	2.80E-07	1.28E-07	1.19E-07	5.76E-09	1.39E-07	3.07E-08	4.20E-08	6.66E-08	1.17E-08	6.23E-08	3.58E-07
4177	479863.09	3855877.25	6.23E-04	6.41E-04	5.89E-04	2.16E-07	6.52E-07	3.77E-07	3.88E-07	3.52E-07	1.61E-07	1.48E-07	7.21E-09	1.74E-07	3.84E-08	5.27E-08	8.36E-08	1.47E-08	7.75E-08	4.48E-07
4178	480363.09	3855877.25	8.24E-04	8.50E-04	7.75E-04	2.86E-07	8.63E-07	4.99E-07	5.15E-07	4.67E-07	2.13E-07	1.94E-07	9.54E-09	2.30E-07	5.08E-08	6.99E-08	1.11E-07	1.95E-08	1.02E-07	5.93E-07
4179	480863.09	3855877.25	1.15E-03	1.18E-03	1.08E-03	3.98E-07	1.20E-06	6.96E-07	7.17E-07	6.50E-07	2.97E-07	2.71E-07	1.33E-08	3.21E-07	7.08E-08	9.73E-08	1.54E-07	2.72E-08	1.42E-07	8.26E-07
4180	481363.09	3855877.25	1.31E-03	1.35E-03	1.23E-03	4.54E-07	1.37E-06	7.93E-07	8.18E-07	7.42E-07	3.38E-07	3.08E-07	1.51E-08	3.66E-07	8.07E-08	1.11E-07	1.76E-07	3.11E-08	1.62E-07	9.42E-07

4181	481863.09	3855877.25	2.72E-03	2.78E-03	2.67E-03	9.44E-07	2.85E-06	1.65E-06	1.68E-06	1.53E-06	6.97E-07	6.68E-07	3.15E-08	7.61E-07	1.68E-07	2.29E-07	3.63E-07	6.39E-08	3.51E-07	1.97E-06
4182	482363.09	3855877.25	5.64E-03	5.71E-03	5.71E-03	1.95E-06	5.90E-06	3.42E-06	3.46E-06	3.13E-06	1.43E-06	1.43E-06	6.53E-08	1.58E-06	3.48E-07	4.69E-07	7.45E-07	1.31E-07	7.51E-07	4.09E-06
4183	482863.09	3855877.25	1.02E-02	1.03E-02	1.05E-02	3.55E-06	1.07E-05	6.20E-06	6.26E-06	5.67E-06	2.59E-06	2.63E-06	1.18E-07	2.86E-06	6.32E-07	8.49E-07	1.35E-06	2.37E-07	1.38E-06	7.42E-06
4184	483363.09	3855877.25	3.87E-02	3.88E-02	4.04E-02	1.34E-05	4.05E-05	2.34E-05	2.35E-05	2.13E-05	9.73E-06	1.01E-05	4.48E-07	1.08E-05	2.39E-06	3.19E-06	5.06E-06	8.92E-07	5.31E-06	2.81E-05
4185	483863.09	3855877.25	2.84E-02	2.85E-02	2.93E-02	9.83E-06	2.97E-05	1.72E-05	1.73E-05	1.57E-05	7.15E-06	7.34E-06	3.28E-07	7.93E-06	1.75E-06	2.35E-06	3.72E-06	6.56E-07	3.85E-06	2.06E-05
4186	484363.09	3855877.25	1.68E-02	1.71E-02	1.66E-02	5.82E-06	1.76E-05	1.02E-05	1.04E-05	9.39E-06	4.28E-06	4.15E-06	1.94E-07	4.69E-06	1.04E-06	1.41E-06	2.23E-06	3.93E-07	2.18E-06	1.21E-05
4187	484863.09	3855877.25	1.41E-02	1.48E-02	1.25E-02	4.90E-06	1.48E-05	8.56E-06	8.97E-06	8.13E-06	3.71E-06	3.13E-06	1.64E-07	3.95E-06	8.72E-07	1.22E-06	1.93E-06	3.40E-07	1.64E-06	1.01E-05
4188	485363.09	3855877.25	4.00E-02	4.50E-02	2.41E-02	1.38E-05	4.18E-05	2.42E-05	2.73E-05	2.47E-05	1.13E-05	6.03E-06	4.62E-07	1.12E-05	2.46E-06	3.70E-06	5.88E-06	1.04E-06	3.17E-06	2.79E-05
4189	485863.09	3855877.25	2.63E-02	2.95E-02	1.64E-02	9.12E-06	2.75E-05	1.59E-05	1.79E-05	1.62E-05	7.39E-06	4.10E-06	3.04E-07	7.35E-06	1.62E-06	2.43E-06	3.85E-06	6.79E-07	2.15E-06	1.84E-05
4190	486363.09	3855877.25	1.30E-02	1.43E-02	9.08E-03	4.51E-06	1.36E-05	7.88E-06	8.66E-06	7.85E-06	3.58E-06	2.28E-06	1.50E-07	3.63E-06	8.02E-07	1.18E-06	1.87E-06	3.29E-07	1.19E-06	9.15E-06
4191	486863.09	3855877.25	9.45E-03	1.03E-02	6.98E-03	3.27E-06	9.89E-06	5.72E-06	6.23E-06	5.65E-06	2.58E-06	1.75E-06	1.09E-07	2.64E-06	5.83E-07	8.46E-07	1.34E-06	2.37E-07	9.18E-07	6.68E-06
4192	487363.09	3855877.25	8.26E-03	8.93E-03	6.32E-03	2.86E-06	8.64E-06	5.00E-06	5.41E-06	4.90E-06	2.24E-06	1.58E-06	9.56E-08	2.31E-06	5.09E-07	7.35E-07	1.17E-06	2.05E-07	8.31E-07	5.85E-06
4193	487863.09	3855877.25	7.38E-03	7.93E-03	5.80E-03	2.56E-06	7.72E-06	4.47E-06	4.80E-06	4.36E-06	1.99E-06	1.45E-06	8.54E-08	2.06E-06	4.55E-07	6.52E-07	1.03E-06	1.82E-07	7.63E-07	5.23E-06
4194	488363.09	3855877.25	6.57E-03	7.04E-03	5.29E-03	2.28E-06	6.88E-06	3.98E-06	4.26E-06	3.86E-06	1.76E-06	1.32E-06	7.61E-08	1.84E-06	4.06E-07	5.79E-07	9.18E-07	1.62E-07	6.95E-07	4.67E-06
4195	488863.09	3855877.25	5.98E-03	6.37E-03	4.91E-03	2.07E-06	6.26E-06	3.62E-06	3.86E-06	3.50E-06	1.60E-06	1.23E-06	6.92E-08	1.67E-06	3.69E-07	5.24E-07	8.31E-07	1.46E-07	6.46E-07	4.26E-06
4196	489363.09	3855877.25	5.43E-03	5.76E-03	4.54E-03	1.88E-06	5.68E-06	3.29E-06	3.49E-06	3.16E-06	1.44E-06	1.14E-06	6.28E-08	1.52E-06	3.35E-07	4.74E-07	7.51E-07	1.32E-07	5.96E-07	3.87E-06
4197	489863.09	3855877.25	4.96E-03	5.24E-03	4.21E-03	1.72E-06	5.19E-06	3.00E-06	3.18E-06	2.88E-06	1.31E-06	1.06E-06	5.74E-08	1.39E-06	3.06E-07	4.31E-07	6.84E-07	1.21E-07	5.54E-07	3.54E-06
4198	490363.09	3855877.25	4.63E-03	4.87E-03	4.00E-03	1.60E-06	4.84E-06	2.80E-06	2.95E-06	2.68E-06	1.22E-06	1.00E-06	5.36E-08	1.29E-06	2.85E-07	4.01E-07	6.36E-07	1.12E-07	5.25E-07	3.31E-06
4199	490863.09	3855877.25	4.17E-03	4.38E-03	3.63E-03	1.44E-06	4.36E-06	2.53E-06	2.65E-06	2.41E-06	1.10E-06	9.10E-07	4.82E-08	1.17E-06	2.57E-07	3.60E-07	5.72E-07	1.01E-07	4.78E-07	2.98E-06
4200	491363.09	3855877.25	3.58E-03	3.76E-03	3.14E-03	1.24E-06	3.75E-06	2.17E-06	2.28E-06	2.06E-06	9.41E-07	7.87E-07	4.14E-08	1.00E-06	2.21E-07	3.09E-07	4.90E-07	8.64E-08	4.13E-07	2.56E-06
4201	491863.09	3855877.25	3.72E-03	3.88E-03	3.33E-03	1.29E-06	3.89E-06	2.25E-06	2.35E-06	2.13E-06	9.73E-07	8.34E-07	4.31E-08	1.04E-06	2.30E-07	3.20E-07	5.07E-07	8.93E-08	4.38E-07	2.67E-06
4202	492363.09	3855877.25	3.43E-03	3.57E-03	3.09E-03	1.19E-06	3.59E-06	2.08E-06	2.16E-06	1.96E-06	8.95E-07	7.74E-07	3.97E-08	9.59E-07	2.12E-07	2.94E-07	4.66E-07	8.21E-08	4.06E-07	2.46E-06
4203	492863.09	3855877.25	3.20E-03	3.33E-03	2.91E-03	1.11E-06	3.35E-06	1.94E-06	2.02E-06	1.83E-06	8.34E-07	7.29E-07	3.71E-08	8.95E-07	1.98E-07	2.74E-07	4.34E-07	7.65E-08	3.83E-07	2.30E-06
4204	493363.09	3855877.25	2.57E-03	2.67E-03	2.35E-03	8.91E-07	2.69E-06	1.56E-06	1.61E-06	1.46E-06	6.68E-07	5.88E-07	2.97E-08	7.18E-07	1.59E-07	2.19E-07	3.48E-07	6.13E-08	3.08E-07	1.84E-06
4205	493863.09	3855877.25	1.95E-03	2.02E-03	1.81E-03	6.77E-07	2.04E-06	1.18E-06	1.22E-06	1.11E-06	5.06E-07	4.53E-07	2.26E-08	5.46E-07	1.21E-07	1.66E-07	2.64E-07	4.64E-08	2.38E-07	1.40E-06
4206	494363.09	3855877.25	1.54E-03	1.58E-03	1.44E-03	5.32E-07	1.61E-06	9.31E-07	9.58E-07	8.68E-07	3.96E-07	3.61E-07	1.78E-08	4.29E-07	9.48E-08	1.30E-07	2.06E-07	3.64E-08	1.90E-07	1.10E-06
4207	494863.09	3855877.25	1.29E-03	1.32E-03	1.22E-03	4.46E-07	1.35E-06	7.80E-07	8.00E-07	7.25E-07	3.31E-07	3.06E-07	1.49E-08	3.60E-07	7.94E-08	1.09E-07	1.72E-07	3.04E-08	1.61E-07	9.26E-07
4208	495363.09	3855877.25	1.03E-03	1.06E-03	9.94E-04	3.59E-07	1.08E-06	6.27E-07	6.41E-07	5.81E-07	2.65E-07	2.49E-07	1.20E-08	2.89E-07	6.38E-08	8.70E-08	1.38E-07	2.43E-08	1.31E-07	7.45E-07
4209	495863.09	3855877.25	1.01E-03	1.03E-03	9.71E-04	3.49E-07	1.05E-06	6.10E-07	6.23E-07	5.65E-07	2.58E-07	2.43E-07	1.17E-08	2.82E-07	6.22E-08	8.46E-08	1.34E-07	2.37E-08	1.28E-07	7.26E-07
4210	496363.09	3855877.25	9.91E-04	1.01E-03	9.57E-04	3.43E-07	1.04E-06	6.00E-07	6.13E-07	5.55E-07	2.53E-07	2.40E-07	1.15E-08	2.77E-07	6.11E-08	8.32E-08	1.32E-07	2.33E-08	1.26E-07	7.14E-07
4211	496863.09	3855877.25	1.01E-03	1.03E-03	9.75E-04	3.49E-07	1.05E-06	6.10E-07	6.23E-07	5.65E-07	2.58E-07	2.44E-07	1.17E-08	2.82E-07	6.22E-08	8.46E-08	1.34E-07	2.36E-08	1.28E-07	7.26E-07
4212	497363.09	3855877.25	1.03E-03	1.05E-03	9.95E-04	3.56E-07	1.08E-06	6.22E-07	6.35E-07	5.76E-07	2.63E-07	2.49E-07	1.19E-08	2.87E-07	6.34E-08	8.62E-08	1.37E-07	2.41E-08	1.31E-07	7.40E-07
4213	497863.09	3855877.25	1.06E-03	1.08E-03	1.03E-03	3.67E-07	1.11E-06	6.42E-07	6.55E-07	5.94E-07	2.71E-07	2.57E-07	1.23E-08	2.96E-07	6.54E-08	8.90E-08	1.41E-07	2.49E-08	1.35E-07	7.64E-07
4214	498363.09	3855877.25	1.14E-03	1.16E-03	1.10E-03	3.95E-07	1.19E-06	6.90E-07	7.05E-07	6.39E-07	2.91E-07	2.76E-07	1.32E-08	3.18E-07	7.03E-08	9.57E-08	1.52E-07	2.67E-08	1.45E-07	8.21E-07
4215	471363.09	3856377.25	2.48E-04	2.54E-04	2.41E-04	8.61E-08	2.60E-07	1.50E-07	1.54E-07	1.39E-07	6.36E-08	6.04E-08	2.87E-09	6.94E-08	1.53E-08	2.09E-08	3.31E-08	5.83E-09	3.17E-08	1.79E-07
4216	471863.09	3856377.25	2.57E-04	2.63E-04	2.50E-04	8.92E-08	2.69E-07	1.56E-07	1.59E-07	1.44E-07	6.59E-08	6.25E-08	2.98E-09	7.19E-08	1.59E-08	2.16E-08	3.43E-08	6.05E-09	3.28E-08	1.86E-07
4217	472363.09	3856377.25	2.75E-04	2.82E-04	2.67E-04	9.55E-08	2.88E-07	1.67E-07	1.71E-07	1.55E-07	7.06E-08	6.69E-08	3.19E-09	7.70E-08	1.70E-08	2.32E-08	3.67E-08	6.48E-09	3.51E-08	1.99E-07
4218	472863.09	3856377.25	2.99E-04	3.06E-04	2.90E-04	1.04E-07	3.13E-07	1.81E-07	1.85E-07	1.68E-07	7.66E-08	7.26E-08	3.46E-09	8.36E-08	1.84E-08	2.51E-08	3.99E-08	7.03E-09	3.81E-08	2.16E-07
4219	473363.09	3856377.25	3.19E-04	3.26E-04	3.09E-04	1.11E-07	3.34E-07	1.93E-07	1.98E-07	1.79E-07	8.17E-08	7.74E-08	3.69E-09	8.92E-08	1.97E-08	2.68E-08	4.26E-08	7.50E-09	4.06E-08	2.30E-07
4220	473863.09	3856377.25	3.58E-04	3.66E-04	3.47E-04	1.24E-07	3.74E-07	2.17E-07	2.21E-07	2.01E-07	9.16E-08	8.69E-08	4.14E-09	1.00E-07	2.21E-08	3.01E-08	4.77E-08	8.41E-09	4.56E-08	2.58E-07
4221	474363.09	3856377.25	3.50E-04	3.58E-04	3.38E-04	1.21E-07	3.66E-07	2.12E-07	2.17E-07	1.97E-07	8.97E-08	8.46E-08	4.05E-09	9.77E-08	2.16E-08	2.94E-08	4.67E-08	8.23E-09	4.44E-08	2.52E-07
4222	474863.09	3856377.25	3.37E-04	3.45E-04	3.24E-04	1.17E-07	3.52E-07	2.04E-07	2.09E-07	1.89E-07	8.64E-08	8.11E-08	3.90E-09	9.41E-08	2.08E-08	2.83E-08	4.50E-08	7.93E-09	4.26E-08	2.43E-07
4223	475363.09	3856377.25	2.83E-04	2.90E-04	2.73E-04	9.82E-08	2.97E-07	1.72E-07	1.76E-07	1.59E-07	7.27E-08	6.83E-08	3.28E-09	7.92E-08	1.75E-08	2.39E-08	3.79E-08	6.68E-09	3.58E-08	2.04E-07
4224	475863.09	3856377.25	2.27E-04	2.32E-04	2.20E-04	7.86E-08	2.37E-07	1.37E-07	1.40E-07	1.27E-07	5.80E-08	5.52E-08	2.63E-09	6.34E-08	1.40E-08	1.91E-08	3.02E-08	5.33E-09	2.90E-08	1.64E-07
4225	476363.09	3856377.25	2.25E-04	2.30E-04	2.19E-04	7.81E-08	2.36E-07	1.36E-07	1.39E-07	1.26E-07	5.76E-08	5.50E-08	2.61E-09	6.30E-08	1.39E-08	1.89E-08	3.00E-08	5.28E-09	2.89E-08	1.62E-07
4226	476863.09	3856377.25	2.36E-04	2.41E-04	2.30E-04	8.18E-08	2.47E-07	1.43E-07	1.46E-07	1.32E-07	6.03E-08	5.77E-08	2.73E-09	6.60E-08	1.46E-08	1.98E-08	3.14E-08	5.53E-09	3.03E-08	1.70E-07
4227	477363.09	3856377.25	2.53E-04	2.59E-04	2.47E-04	8.78E-08	2.65E-07	1.54E-07	1.57E-07	1.42E-07	6.48E-08	6.19E-08	2.93E-09	7.08E-08	1.56E-08	2.13E-08	3.37E-08	5.94E-09	3.25E-08	1.83E-07
4228	477863.09	3856377.25	2.37E-04	2.41E-04	2.33E-04	8.21E-08	2.48E-07	1.44E-07	1.46E-07	1.32E-07	6.04E-08	5.83E-08	2.74E-09	6.62E-08	1.46E-08	1.98E-08	3.14E-08	5.54E-09	3.06E-08	1.71E-07
4229	478363.09	3856377.25	2.33E-04	2.37E-04	2.30E-04	8.09E-08	2.44E-07	1.41E-07	1.44E-07	1.30E-07	5.94E-08	5.77E-08	2.70E-09	6.53E-08	1.44E-08	1.95E-08	3.09E-08	5.45E-09	3.03E-08	1.69E-07
4230	478863.09	3856377.25	3.46E-04	3.54E-04	3.36E-04	1.20E-07	3.62E-07	2.10E-07	2.14E-07	1.94E-07	8.87E-08	8.41E-08	4.01E-09	9.68E-08	2.14E-08	2.91E-08	4.62E-08	8.14E-09	4.41E-08	2.50E-07
4231	479363.09	3856377.25	4.26E-04	4.37E-04	4.11E-04	1.48E-07	4.46E-07	2.58E-07	2.64E-07	2.40E-07	1.09E-07	1.03E-07	4.93E-09	1.19E-07	2.63E-08	3.59E-08	5.70E-08	1.00E-08	5.40E-08	3.07E-07
4232	479863.09	3856377.25	6.25E-04	6.43E-04	5.93E-04	2.17E-07	6.54E-07	3.79E-07	3.89E-07	3.53E-07	1.61E-07	1.49E-07	7.23E-09	1.75E-07	3.86E-08	5.29E-08	8.38E-08	1.48E-08	7.79E-08	4.50E-07
4233	480363.09	3856377.25	8.88E-04	9.14E-04	8.38E-04	3.08E-07	9.29E-07	5.38E-07	5.54E-07	5.02E-07	2.29E-07	2.10E-07	1.03E-08	2.48E-07	5.48E-08	7.52E-08	1.19E-07	2.10E-08	1.10E-07	6.39E-07

4234	480863.09	3856377.25	1.20E-03	1.24E-03	1.14E-03	4.17E-07	1.26E-06	7.29E-07	7.50E-07	6.80E-07	3.10E-07	2.86E-07	1.39E-08	3.36E-07	7.42E-08	1.02E-07	1.62E-07	2.85E-08	1.50E-07	8.66E-07
4235	481363.09	3856377.25	1.73E-03	1.77E-03	1.66E-03	5.99E-07	1.81E-06	1.05E-06	1.07E-06	9.74E-07	4.44E-07	4.16E-07	2.00E-08	4.83E-07	1.07E-07	1.46E-07	2.31E-07	4.08E-08	2.18E-07	1.25E-06
4236	481863.09	3856377.25	2.99E-03	3.05E-03	2.96E-03	1.04E-06	3.13E-06	1.81E-06	1.85E-06	1.67E-06	7.64E-07	7.41E-07	3.46E-08	8.37E-07	1.85E-07	2.51E-07	3.98E-07	7.01E-08	3.89E-07	2.16E-06
4237	482363.09	3856377.25	5.29E-03	5.36E-03	5.35E-03	1.83E-06	5.54E-06	3.21E-06	3.25E-06	2.94E-06	1.34E-06	1.34E-06	6.13E-08	1.48E-06	3.26E-07	4.41E-07	6.99E-07	1.23E-07	7.03E-07	3.83E-06
4238	482863.09	3856377.25	8.35E-03	8.43E-03	8.51E-03	2.89E-06	8.74E-06	5.06E-06	5.11E-06	4.63E-06	2.11E-06	2.13E-06	9.66E-08	2.33E-06	5.15E-07	6.93E-07	1.10E-06	1.94E-07	1.12E-06	6.05E-06
4239	483363.09	3856377.25	2.66E-02	2.67E-02	2.77E-02	9.22E-06	2.78E-05	1.61E-05	1.62E-05	1.47E-05	6.69E-06	6.94E-06	3.08E-07	7.44E-06	1.64E-06	2.20E-06	3.48E-06	6.14E-07	3.64E-06	1.93E-05
4240	483863.09	3856377.25	5.55E-02	5.56E-02	5.80E-02	1.92E-05	5.81E-05	3.36E-05	3.37E-05	3.06E-05	1.39E-05	1.45E-05	6.42E-07	1.55E-05	3.42E-06	4.58E-06	7.26E-06	1.28E-06	7.63E-06	4.03E-05
4241	484363.09	3856377.25	5.55E-02	5.57E-02	5.78E-02	1.92E-05	5.81E-05	3.36E-05	3.37E-05	3.06E-05	1.40E-05	1.45E-05	6.42E-07	1.55E-05	3.42E-06	4.58E-06	7.27E-06	1.28E-06	7.60E-06	4.03E-05
4242	484863.09	3856377.25	2.77E-02	2.80E-02	2.81E-02	9.60E-06	2.90E-05	1.68E-05	1.70E-05	1.54E-05	7.02E-06	7.03E-06	3.20E-07	7.74E-06	1.71E-06	2.30E-06	3.65E-06	6.44E-07	3.69E-06	2.01E-05
4243	485363.09	3856377.25	1.98E-02	2.04E-02	1.88E-02	6.88E-06	2.08E-05	1.20E-05	1.24E-05	1.12E-05	5.12E-06	4.72E-06	2.30E-07	5.55E-06	1.22E-06	1.68E-06	2.67E-06	4.70E-07	2.47E-06	1.43E-05
4244	485863.09	3856377.25	3.05E-02	3.36E-02	2.14E-02	1.06E-05	3.19E-05	1.85E-05	2.03E-05	1.84E-05	8.41E-06	5.36E-06	3.53E-07	8.53E-06	1.88E-06	2.76E-06	4.38E-06	7.72E-07	2.81E-06	2.15E-05
4245	486363.09	3856377.25	3.04E-02	3.40E-02	1.92E-02	1.05E-05	3.18E-05	1.84E-05	2.06E-05	1.87E-05	8.53E-06	4.81E-06	3.52E-07	8.50E-06	1.88E-06	2.80E-06	4.44E-06	7.82E-07	2.52E-06	2.13E-05
4246	486863.09	3856377.25	1.66E-02	1.82E-02	1.18E-02	5.76E-06	1.74E-05	1.01E-05	1.10E-05	1.00E-05	4.57E-06	2.96E-06	1.92E-07	4.65E-06	1.03E-06	1.50E-06	2.38E-06	4.19E-07	1.56E-06	1.17E-05
4247	487363.09	3856377.25	1.27E-02	1.38E-02	9.61E-03	4.41E-06	1.33E-05	7.71E-06	8.36E-06	7.58E-06	3.46E-06	2.41E-06	1.47E-07	3.56E-06	7.85E-07	1.13E-06	1.80E-06	3.17E-07	1.26E-06	9.01E-06
4248	487863.09	3856377.25	1.06E-02	1.14E-02	8.38E-03	3.69E-06	1.11E-05	6.44E-06	6.92E-06	6.28E-06	2.86E-06	2.10E-06	1.23E-07	2.97E-06	6.56E-07	9.40E-07	1.49E-06	2.63E-07	1.10E-06	7.55E-06
4249	488363.09	3856377.25	9.00E-03	9.61E-03	7.31E-03	3.12E-06	9.41E-06	5.45E-06	5.82E-06	5.28E-06	2.41E-06	1.83E-06	1.04E-07	2.51E-06	5.55E-07	7.90E-07	1.25E-06	2.21E-07	9.61E-07	6.40E-06
4250	488863.09	3856377.25	7.79E-03	8.27E-03	6.50E-03	2.70E-06	8.15E-06	4.72E-06	5.01E-06	4.54E-06	2.07E-06	1.63E-06	9.02E-08	2.18E-06	4.81E-07	6.81E-07	1.08E-06	1.90E-07	8.54E-07	5.55E-06
4251	489363.09	3856377.25	6.88E-03	7.27E-03	5.87E-03	2.38E-06	7.20E-06	4.17E-06	4.40E-06	3.99E-06	1.82E-06	1.47E-06	7.96E-08	1.92E-06	4.24E-07	5.98E-07	9.48E-07	1.67E-07	7.72E-07	4.91E-06
4252	489863.09	3856377.25	6.23E-03	6.55E-03	5.42E-03	2.16E-06	6.52E-06	3.77E-06	3.97E-06	3.59E-06	1.64E-06	1.36E-06	7.21E-08	1.74E-06	3.84E-07	5.38E-07	8.54E-07	1.51E-07	7.13E-07	4.45E-06
4253	490363.09	3856377.25	5.62E-03	5.89E-03	4.96E-03	1.95E-06	5.88E-06	3.40E-06	3.57E-06	3.23E-06	1.47E-06	1.24E-06	6.50E-08	1.57E-06	3.47E-07	4.84E-07	7.68E-07	1.35E-07	6.52E-07	4.02E-06
4254	490863.09	3856377.25	5.16E-03	5.38E-03	4.61E-03	1.79E-06	5.39E-06	3.12E-06	3.26E-06	2.96E-06	1.35E-06	1.16E-06	5.97E-08	1.44E-06	3.18E-07	4.43E-07	7.02E-07	1.24E-07	6.06E-07	3.69E-06
4255	491363.09	3856377.25	4.79E-03	4.98E-03	4.33E-03	1.66E-06	5.01E-06	2.90E-06	3.02E-06	2.73E-06	1.25E-06	1.09E-06	5.54E-08	1.34E-06	2.95E-07	4.10E-07	6.50E-07	1.15E-07	5.69E-07	3.43E-06
4256	491863.09	3856377.25	4.42E-03	4.58E-03	4.03E-03	1.53E-06	4.62E-06	2.67E-06	2.78E-06	2.52E-06	1.15E-06	1.01E-06	5.11E-08	1.23E-06	2.72E-07	3.77E-07	5.98E-07	1.05E-07	5.30E-07	3.17E-06
4257	492363.09	3856377.25	3.98E-03	4.12E-03	3.65E-03	1.38E-06	4.16E-06	2.41E-06	2.50E-06	2.26E-06	1.03E-06	9.15E-07	4.60E-08	1.11E-06	2.45E-07	3.39E-07	5.38E-07	9.48E-08	4.80E-07	2.85E-06
4258	492863.09	3856377.25	3.32E-03	3.44E-03	3.06E-03	1.15E-06	3.47E-06	2.01E-06	2.08E-06	1.89E-06	8.61E-07	7.66E-07	3.84E-08	9.28E-07	2.05E-07	2.83E-07	4.48E-07	7.90E-08	4.02E-07	2.38E-06
4259	493363.09	3856377.25	2.35E-03	2.42E-03	2.19E-03	8.13E-07	2.45E-06	1.42E-06	1.47E-06	1.33E-06	6.06E-07	5.48E-07	2.71E-08	6.56E-07	1.45E-07	1.99E-07	3.16E-07	5.56E-08	2.88E-07	1.69E-06
4260	493863.09	3856377.25	1.96E-03	2.01E-03	1.85E-03	6.79E-07	2.05E-06	1.19E-06	1.22E-06	1.11E-06	5.05E-07	4.63E-07	2.27E-08	5.48E-07	1.21E-07	1.66E-07	2.63E-07	4.63E-08	2.43E-07	1.41E-06
4261	494363.09	3856377.25	1.59E-03	1.62E-03	1.52E-03	5.50E-07	1.66E-06	9.61E-07	9.84E-07	8.92E-07	4.07E-07	3.80E-07	1.84E-08	4.43E-07	9.79E-08	1.34E-07	2.12E-07	3.74E-08	1.99E-07	1.14E-06
4262	494863.09	3856377.25	1.31E-03	1.34E-03	1.27E-03	4.55E-07	1.37E-06	7.96E-07	8.13E-07	7.37E-07	3.36E-07	3.17E-07	1.52E-08	3.67E-07	8.10E-08	1.10E-07	1.75E-07	3.09E-08	1.67E-07	9.46E-07
4263	495363.09	3856377.25	1.13E-03	1.15E-03	1.10E-03	3.92E-07	1.18E-06	6.86E-07	6.99E-07	6.34E-07	2.89E-07	2.75E-07	1.31E-08	3.16E-07	6.98E-08	9.49E-08	1.51E-07	2.65E-08	1.44E-07	8.16E-07
4264	495863.09	3856377.25	1.09E-03	1.11E-03	1.06E-03	3.77E-07	1.14E-06	6.58E-07	6.71E-07	6.08E-07	2.77E-07	2.65E-07	1.26E-08	3.04E-07	6.70E-08	9.11E-08	1.44E-07	2.55E-08	1.39E-07	7.83E-07
4265	496363.09	3856377.25	1.08E-03	1.10E-03	1.06E-03	3.76E-07	1.13E-06	6.57E-07	6.69E-07	6.06E-07	2.77E-07	2.64E-07	1.25E-08	3.03E-07	6.69E-08	9.08E-08	1.44E-07	2.54E-08	1.39E-07	7.82E-07
4266	496863.09	3856377.25	1.13E-03	1.15E-03	1.10E-03	3.91E-07	1.18E-06	6.84E-07	6.96E-07	6.31E-07	2.88E-07	2.75E-07	1.31E-08	3.15E-07	6.96E-08	9.45E-08	1.50E-07	2.64E-08	1.45E-07	8.14E-07
4267	497363.09	3856377.25	1.16E-03	1.19E-03	1.13E-03	4.04E-07	1.22E-06	7.05E-07	7.19E-07	6.51E-07	2.97E-07	2.84E-07	1.35E-08	3.26E-07	7.18E-08	9.76E-08	1.55E-07	2.73E-08	1.49E-07	8.40E-07
4268	497863.09	3856377.25	1.22E-03	1.24E-03	1.18E-03	4.22E-07	1.27E-06	7.37E-07	7.51E-07	6.81E-07	3.11E-07	2.97E-07	1.41E-08	3.40E-07	7.51E-08	1.02E-07	1.62E-07	2.85E-08	1.56E-07	8.77E-07
4269	498363.09	3856377.25	1.29E-03	1.32E-03	1.26E-03	4.48E-07	1.35E-06	7.83E-07	7.98E-07	7.24E-07	3.30E-07	3.15E-07	1.50E-08	3.61E-07	7.97E-08	1.08E-07	1.72E-07	3.03E-08	1.65E-07	9.32E-07
4270	471363.09	3856877.25	2.56E-04	2.61E-04	2.48E-04	8.86E-08	2.68E-07	1.55E-07	1.58E-07	1.43E-07	6.55E-08	6.22E-08	2.96E-09	7.15E-08	1.58E-08	2.15E-08	3.41E-08	6.01E-09	3.27E-08	1.84E-07
4271	471863.09	3856877.25	2.62E-04	2.68E-04	2.54E-04	9.07E-08	2.74E-07	1.59E-07	1.62E-07	1.47E-07	6.70E-08	6.36E-08	3.03E-09	7.32E-08	1.61E-08	2.20E-08	3.49E-08	6.15E-09	3.34E-08	1.89E-07
4272	472363.09	3856877.25	2.79E-04	2.85E-04	2.70E-04	9.67E-08	2.92E-07	1.69E-07	1.73E-07	1.57E-07	7.14E-08	6.78E-08	3.23E-09	7.80E-08	1.72E-08	2.35E-08	3.72E-08	6.56E-09	3.56E-08	2.01E-07
4273	472863.09	3856877.25	2.97E-04	3.03E-04	2.87E-04	1.03E-07	3.10E-07	1.80E-07	1.84E-07	1.67E-07	7.60E-08	7.20E-08	3.43E-09	8.29E-08	1.83E-08	2.49E-08	3.96E-08	6.97E-09	3.78E-08	2.14E-07
4274	473363.09	3856877.25	3.33E-04	3.41E-04	3.23E-04	1.16E-07	3.49E-07	2.02E-07	2.06E-07	1.87E-07	8.54E-08	8.10E-08	3.86E-09	9.32E-08	2.06E-08	2.80E-08	4.45E-08	7.83E-09	4.25E-08	2.40E-07
4275	473863.09	3856877.25	3.54E-04	3.62E-04	3.44E-04	1.23E-07	3.71E-07	2.15E-07	2.19E-07	1.99E-07	9.08E-08	8.61E-08	4.10E-09	9.91E-08	2.19E-08	2.98E-08	4.73E-08	8.33E-09	4.52E-08	2.56E-07
4276	474363.09	3856877.25	3.42E-04	3.50E-04	3.31E-04	1.19E-07	3.58E-07	2.07E-07	2.12E-07	1.92E-07	8.78E-08	8.28E-08	3.96E-09	9.57E-08	2.11E-08	2.88E-08	4.57E-08	8.06E-09	4.35E-08	2.47E-07
4277	474863.09	3856877.25	3.25E-04	3.32E-04	3.12E-04	1.12E-07	3.40E-07	1.97E-07	2.01E-07	1.83E-07	8.33E-08	7.82E-08	3.76E-09	9.07E-08	2.00E-08	2.73E-08	4.34E-08	7.64E-09	4.11E-08	2.34E-07
4278	475363.09	3856877.25	2.87E-04	2.94E-04	2.76E-04	9.95E-08	3.00E-07	1.74E-07	1.78E-07	1.61E-07	7.37E-08	6.91E-08	3.32E-09	8.02E-08	1.77E-08	2.42E-08	3.84E-08	6.76E-09	3.63E-08	2.07E-07
4279	475863.09	3856877.25	2.92E-04	2.99E-04	2.81E-04	1.01E-07	3.06E-07	1.77E-07	1.81E-07	1.64E-07	7.50E-08	7.04E-08	3.38E-09	8.17E-08	1.80E-08	2.46E-08	3.91E-08	6.88E-09	3.69E-08	2.11E-07
4280	476363.09	3856877.25	2.72E-04	2.78E-04	2.62E-04	9.41E-08	2.84E-07	1.65E-07	1.68E-07	1.53E-07	6.96E-08	6.57E-08	3.14E-09	7.59E-08	1.68E-08	2.28E-08	3.62E-08	6.39E-09	3.45E-08	1.96E-07
4281	476863.09	3856877.25	2.71E-04	2.77E-04	2.63E-04	9.41E-08	2.84E-07	1.64E-07	1.68E-07	1.52E-07	6.95E-08	6.58E-08	3.14E-09	7.59E-08	1.67E-08	2.28E-08	3.62E-08	6.38E-09	3.46E-08	1.96E-07
4282	477363.09	3856877.25	2.59E-04	2.65E-04	2.52E-04	8.99E-08	2.71E-07	1.57E-07	1.60E-07	1.45E-07	6.63E-08	6.33E-08	3.00E-09	7.25E-08	1.60E-08	2.18E-08	3.45E-08	6.09E-09	3.32E-08	1.87E-07
4283	477863.09	3856877.25	2.20E-04	2.23E-04	2.17E-04	7.62E-08	2.30E-07	1.33E-07	1.35E-07	1.23E-07	5.60E-08	5.43E-08	2.54E-09	6.14E-08	1.36E-08	1.84E-08	2.91E-08	5.14E-09	2.85E-08	1.59E-07
4284	478363.09	3856877.25	2.15E-04	2.19E-04	2.13E-04	7.46E-08	2.25E-07	1.30E-07	1.32E-07	1.20E-07	5.48E-08	5.34E-08	2.49E-09	6.02E-08	1.33E-08	1.80E-08	2.85E-08	5.03E-09	2.80E-08	1.56E-07
4285	478863.09	3856877.25	2.54E-04	2.58E-04	2.50E-04	8.79E-08	2.65E-07	1.54E-07	1.56E-07	1.42E-07	6.46E-08	6.26E-08	2.94E-09	7.09E-08	1.56E-08	2.12E-08	3.37E-08	5.93E-09	3.29E-08	1.83E-07
4286	479363.09	3856877.25	3.10E-04	3.16E-04	3.03E-04	1.07E-07	3.24E-07	1.88E-07	1.91E-07	1.73E-07	7.91E-08	7.59E-08	3.58E-09	8.65E-08	1.91E-08	2.60E-08	4.12E-08	7.26E-09	3.98E-08	2.23E-07

4287	479863.09	3856877.25	5.90E-04	6.06E-04	5.61E-04	2.04E-07	6.17E-07	3.57E-07	3.67E-07	3.33E-07	1.52E-07	1.41E-07	6.83E-09	1.65E-07	3.64E-08	4.99E-08	7.91E-08	1.39E-08	7.37E-08	4.25E-07
4288	480363.09	3856877.25	8.87E-04	9.14E-04	8.37E-04	3.07E-07	9.28E-07	5.37E-07	5.54E-07	5.02E-07	2.29E-07	2.10E-07	1.03E-08	2.48E-07	5.47E-08	7.52E-08	1.19E-07	2.10E-08	1.10E-07	6.38E-07
4289	480863.09	3856877.25	1.29E-03	1.33E-03	1.23E-03	4.48E-07	1.35E-06	7.83E-07	8.05E-07	7.29E-07	3.33E-07	3.08E-07	1.50E-08	3.61E-07	7.97E-08	1.09E-07	1.73E-07	3.05E-08	1.62E-07	9.31E-07
4290	481363.09	3856877.25	1.87E-03	1.92E-03	1.81E-03	6.49E-07	1.96E-06	1.13E-06	1.16E-06	1.05E-06	4.80E-07	4.53E-07	2.17E-08	5.23E-07	1.15E-07	1.58E-07	2.50E-07	4.41E-08	2.38E-07	1.35E-06
4291	481863.09	3856877.25	2.54E-03	2.59E-03	2.48E-03	8.79E-07	2.65E-06	1.54E-06	1.57E-06	1.42E-06	6.49E-07	6.21E-07	2.93E-08	7.09E-07	1.56E-07	2.13E-07	3.38E-07	5.96E-08	3.26E-07	1.83E-06
4292	482363.09	3856877.25	4.61E-03	4.68E-03	4.65E-03	1.60E-06	4.83E-06	2.80E-06	2.83E-06	2.57E-06	1.17E-06	1.16E-06	5.34E-08	1.29E-06	2.85E-07	3.85E-07	6.10E-07	1.08E-07	6.11E-07	3.34E-06
4293	482863.09	3856877.25	7.00E-03	7.08E-03	7.13E-03	2.43E-06	7.33E-06	4.24E-06	4.29E-06	3.89E-06	1.77E-06	1.79E-06	8.10E-08	1.96E-06	4.32E-07	5.82E-07	9.23E-07	1.63E-07	9.37E-07	5.08E-06
4294	483363.09	3856877.25	1.29E-02	1.30E-02	1.33E-02	4.47E-06	1.35E-05	7.82E-06	7.87E-06	7.14E-06	3.26E-06	3.33E-06	1.49E-07	3.61E-06	7.96E-07	1.07E-06	1.70E-06	2.99E-07	1.75E-06	9.36E-06
4295	483863.09	3856877.25	5.11E-02	5.12E-02	5.35E-02	1.77E-05	5.35E-05	3.09E-05	3.10E-05	2.81E-05	1.28E-05	1.34E-05	5.91E-07	1.43E-05	3.15E-06	4.21E-06	6.68E-06	1.18E-06	7.04E-06	3.71E-05
4296	484363.09	3856877.25	6.63E-02	6.64E-02	6.94E-02	2.30E-05	6.93E-05	4.01E-05	4.02E-05	3.65E-05	1.66E-05	1.74E-05	7.67E-07	1.85E-05	4.09E-06	5.46E-06	8.66E-06	1.53E-06	9.12E-06	4.82E-05
4297	484863.09	3856877.25	7.81E-02	7.83E-02	8.17E-02	2.70E-05	8.17E-05	4.73E-05	4.74E-05	4.30E-05	1.96E-05	2.05E-05	9.03E-07	2.18E-05	4.81E-06	6.44E-06	1.02E-05	1.80E-06	1.07E-05	5.67E-05
4298	485363.09	3856877.25	3.47E-02	3.50E-02	3.56E-02	1.20E-05	3.63E-05	2.10E-05	2.12E-05	1.92E-05	8.78E-06	8.92E-06	4.02E-07	9.71E-06	2.14E-06	2.88E-06	4.57E-06	8.06E-07	4.68E-06	2.52E-05
4299	485863.09	3856877.25	2.30E-02	2.35E-02	2.24E-02	7.96E-06	2.40E-05	1.39E-05	1.42E-05	1.29E-05	5.88E-06	5.62E-06	2.66E-07	6.42E-06	1.42E-06	1.93E-06	3.06E-06	5.39E-07	2.95E-06	1.66E-05
4300	486363.09	3856877.25	2.13E-02	2.31E-02	1.64E-02	7.40E-06	2.23E-05	1.29E-05	1.40E-05	1.27E-05	5.78E-06	4.10E-06	2.47E-07	5.97E-06	1.32E-06	1.90E-06	3.01E-06	5.31E-07	2.15E-06	1.51E-05
4301	486863.09	3856877.25	5.03E-02	5.67E-02	2.99E-02	1.74E-05	5.26E-05	3.04E-05	3.44E-05	3.12E-05	1.42E-05	7.50E-06	5.82E-07	1.40E-05	3.10E-06	4.67E-06	7.40E-06	1.30E-06	3.93E-06	3.50E-05
4302	487363.09	3856877.25	1.91E-02	2.08E-02	1.39E-02	6.61E-06	1.99E-05	1.15E-05	1.26E-05	1.14E-05	5.21E-06	3.49E-06	2.21E-07	5.33E-06	1.18E-06	1.71E-06	2.71E-06	4.78E-07	1.83E-06	1.35E-05
4303	487863.09	3856877.25	1.34E-02	1.43E-02	1.07E-02	4.63E-06	1.40E-05	8.09E-06	8.67E-06	7.86E-06	3.59E-06	2.68E-06	1.55E-07	3.73E-06	8.24E-07	1.18E-06	1.87E-06	3.29E-07	1.40E-06	9.49E-06
4304	488363.09	3856877.25	1.06E-02	1.13E-02	8.97E-03	3.69E-06	1.11E-05	6.44E-06	6.83E-06	6.19E-06	2.82E-06	2.25E-06	1.23E-07	2.97E-06	6.56E-07	9.27E-07	1.47E-06	2.59E-07	1.18E-06	7.59E-06
4305	488863.09	3856877.25	8.99E-03	9.45E-03	7.82E-03	3.12E-06	9.41E-06	5.45E-06	5.73E-06	5.19E-06	2.37E-06	1.96E-06	1.04E-07	2.51E-06	5.55E-07	7.78E-07	1.23E-06	2.17E-07	1.03E-06	6.43E-06
4306	489363.09	3856877.25	8.09E-03	8.45E-03	7.22E-03	2.80E-06	8.46E-06	4.90E-06	5.12E-06	4.64E-06	2.12E-06	1.81E-06	9.36E-08	2.26E-06	4.99E-07	6.95E-07	1.10E-06	1.94E-07	9.49E-07	5.79E-06
4307	489863.09	3856877.25	7.36E-03	7.66E-03	6.68E-03	2.55E-06	7.70E-06	4.46E-06	4.64E-06	4.20E-06	1.92E-06	1.67E-06	8.52E-08	2.06E-06	4.54E-07	6.30E-07	9.99E-07	1.76E-07	8.78E-07	5.28E-06
4308	490363.09	3856877.25	6.69E-03	6.94E-03	6.14E-03	2.32E-06	7.00E-06	4.05E-06	4.20E-06	3.81E-06	1.74E-06	1.54E-06	7.75E-08	1.87E-06	4.13E-07	5.71E-07	9.06E-07	1.60E-07	8.08E-07	4.81E-06
4309	490863.09	3856877.25	6.12E-03	6.33E-03	5.66E-03	2.12E-06	6.40E-06	3.71E-06	3.83E-06	3.47E-06	1.59E-06	1.42E-06	7.08E-08	1.71E-06	3.77E-07	5.20E-07	8.26E-07	1.46E-07	7.45E-07	4.39E-06
4310	491363.09	3856877.25	5.60E-03	5.78E-03	5.22E-03	1.94E-06	5.86E-06	3.39E-06	3.50E-06	3.17E-06	1.45E-06	1.31E-06	6.48E-08	1.56E-06	3.45E-07	4.75E-07	7.54E-07	1.33E-07	6.86E-07	4.02E-06
4311	491863.09	3856877.25	5.11E-03	5.27E-03	4.79E-03	1.77E-06	5.35E-06	3.09E-06	3.19E-06	2.89E-06	1.32E-06	1.20E-06	5.91E-08	1.43E-06	3.15E-07	4.33E-07	6.87E-07	1.21E-07	6.29E-07	3.67E-06
4312	492363.09	3856877.25	4.21E-03	4.34E-03	3.94E-03	1.46E-06	4.40E-06	2.55E-06	2.63E-06	2.38E-06	1.09E-06	9.86E-07	4.87E-08	1.18E-06	2.59E-07	3.57E-07	5.66E-07	9.97E-08	5.18E-07	3.02E-06
4313	492863.09	3856877.25	3.46E-03	3.56E-03	3.26E-03	1.20E-06	3.62E-06	2.10E-06	2.16E-06	1.95E-06	8.92E-07	8.16E-07	4.00E-08	9.67E-07	2.13E-07	2.93E-07	4.65E-07	8.19E-08	4.28E-07	2.49E-06
4314	493363.09	3856877.25	2.69E-03	2.76E-03	2.55E-03	9.32E-07	2.81E-06	1.63E-06	1.67E-06	1.52E-06	6.91E-07	6.40E-07	3.11E-08	7.52E-07	1.66E-07	2.27E-07	3.60E-07	6.34E-08	3.36E-07	1.93E-06
4315	493863.09	3856877.25	2.04E-03	2.09E-03	1.96E-03	7.08E-07	2.14E-06	1.24E-06	1.27E-06	1.15E-06	5.24E-07	4.92E-07	2.36E-08	5.71E-07	1.26E-07	1.72E-07	2.73E-07	4.80E-08	2.58E-07	1.47E-06
4316	494363.09	3856877.25	1.63E-03	1.66E-03	1.58E-03	5.64E-07	1.70E-06	9.86E-07	1.01E-06	9.12E-07	4.16E-07	3.96E-07	1.88E-08	4.55E-07	1.00E-07	1.37E-07	2.17E-07	3.82E-08	2.08E-07	1.17E-06
4317	494863.09	3856877.25	1.43E-03	1.46E-03	1.40E-03	4.96E-07	1.50E-06	8.67E-07	8.83E-07	8.00E-07	3.65E-07	3.50E-07	1.66E-08	4.00E-07	8.83E-08	1.20E-07	1.90E-07	3.35E-08	1.84E-07	1.03E-06
4318	495363.09	3856877.25	1.31E-03	1.33E-03	1.28E-03	4.53E-07	1.37E-06	7.93E-07	8.06E-07	7.31E-07	3.33E-07	3.21E-07	1.51E-08	3.66E-07	8.07E-08	1.09E-07	1.74E-07	3.06E-08	1.68E-07	9.44E-07
4319	495863.09	3856877.25	1.27E-03	1.29E-03	1.24E-03	4.39E-07	1.32E-06	7.67E-07	7.80E-07	7.07E-07	3.23E-07	3.11E-07	1.46E-08	3.54E-07	7.81E-08	1.06E-07	1.68E-07	2.96E-08	1.63E-07	9.13E-07
4320	496363.09	3856877.25	1.24E-03	1.26E-03	1.21E-03	4.28E-07	1.29E-06	7.48E-07	7.61E-07	6.90E-07	3.15E-07	3.03E-07	1.43E-08	3.45E-07	7.62E-08	1.03E-07	1.64E-07	2.89E-08	1.59E-07	8.91E-07
4321	496863.09	3856877.25	1.24E-03	1.26E-03	1.22E-03	4.31E-07	1.30E-06	7.53E-07	7.65E-07	6.94E-07	3.17E-07	3.05E-07	1.44E-08	3.47E-07	7.66E-08	1.04E-07	1.65E-07	2.91E-08	1.60E-07	8.96E-07
4322	497363.09	3856877.25	1.27E-03	1.29E-03	1.24E-03	4.40E-07	1.33E-06	7.70E-07	7.83E-07	7.10E-07	3.24E-07	3.12E-07	1.47E-08	3.55E-07	7.84E-08	1.06E-07	1.69E-07	2.97E-08	1.64E-07	9.17E-07
4323	497863.09	3856877.25	1.36E-03	1.39E-03	1.33E-03	4.72E-07	1.42E-06	8.25E-07	8.39E-07	7.61E-07	3.47E-07	3.33E-07	1.58E-08	3.80E-07	8.40E-08	1.14E-07	1.81E-07	3.19E-08	1.75E-07	9.82E-07
4324	498363.09	3856877.25	1.48E-03	1.50E-03	1.44E-03	5.12E-07	1.54E-06	8.94E-07	9.11E-07	8.26E-07	3.77E-07	3.61E-07	1.71E-08	4.13E-07	9.11E-08	1.24E-07	1.96E-07	3.46E-08	1.89E-07	1.06E-06
4325	471363.09	3857377.25	2.62E-04	2.68E-04	2.55E-04	9.08E-08	2.74E-07	1.59E-07	1.62E-07	1.47E-07	6.71E-08	6.38E-08	3.03E-09	7.33E-08	1.62E-08	2.20E-08	3.49E-08	6.16E-09	3.35E-08	1.89E-07
4326	471863.09	3857377.25	2.67E-04	2.73E-04	2.59E-04	9.26E-08	2.80E-07	1.62E-07	1.66E-07	1.50E-07	6.85E-08	6.50E-08	3.09E-09	7.47E-08	1.65E-08	2.25E-08	3.56E-08	6.28E-09	3.41E-08	1.93E-07
4327	472363.09	3857377.25	2.82E-04	2.88E-04	2.73E-04	9.76E-08	2.95E-07	1.71E-07	1.74E-07	1.58E-07	7.22E-08	6.84E-08	3.26E-09	7.88E-08	1.74E-08	2.37E-08	3.76E-08	6.62E-09	3.59E-08	2.03E-07
4328	472863.09	3857377.25	3.02E-04	3.08E-04	2.92E-04	1.04E-07	3.15E-07	1.83E-07	1.87E-07	1.69E-07	7.72E-08	7.33E-08	3.49E-09	8.43E-08	1.86E-08	2.54E-08	4.02E-08	7.09E-09	3.84E-08	2.17E-07
4329	473363.09	3857377.25	3.29E-04	3.37E-04	3.20E-04	1.14E-07	3.45E-07	2.00E-07	2.04E-07	1.85E-07	8.44E-08	8.01E-08	3.81E-09	9.21E-08	2.03E-08	2.77E-08	4.39E-08	7.74E-09	4.20E-08	2.38E-07
4330	473863.09	3857377.25	3.66E-04	3.74E-04	3.56E-04	1.27E-07	3.83E-07	2.22E-07	2.26E-07	2.05E-07	9.37E-08	8.91E-08	4.23E-09	1.02E-07	2.26E-08	3.07E-08	4.88E-08	8.60E-09	4.68E-08	2.64E-07
4331	474363.09	3857377.25	3.40E-04	3.47E-04	3.28E-04	1.18E-07	3.55E-07	2.06E-07	2.10E-07	1.91E-07	8.71E-08	8.22E-08	3.93E-09	9.49E-08	2.09E-08	2.86E-08	4.53E-08	7.99E-09	4.32E-08	2.45E-07
4332	474863.09	3857377.25	2.69E-04	2.76E-04	2.59E-04	9.33E-08	2.82E-07	1.63E-07	1.67E-07	1.51E-07	6.91E-08	6.49E-08	3.12E-09	7.53E-08	1.66E-08	2.27E-08	3.60E-08	6.34E-09	3.41E-08	1.94E-07
4333	475363.09	3857377.25	2.11E-04	2.16E-04	2.05E-04	7.32E-08	2.21E-07	1.28E-07	1.31E-07	1.18E-07	5.41E-08	5.14E-08	2.44E-09	5.90E-08	1.30E-08	1.77E-08	2.81E-08	4.96E-09	2.70E-08	1.52E-07
4334	475863.09	3857377.25	2.07E-04	2.12E-04	2.02E-04	7.18E-08	2.17E-07	1.26E-07	1.28E-07	1.16E-07	5.30E-08	5.06E-08	2.40E-09	5.80E-08	1.28E-08	1.74E-08	2.76E-08	4.86E-09	2.66E-08	1.50E-07
4335	476363.09	3857377.25	2.52E-04	2.58E-04	2.44E-04	8.74E-08	2.64E-07	1.53E-07	1.56E-07	1.42E-07	6.46E-08	6.12E-08	2.92E-09	7.05E-08	1.56E-08	2.12E-08	3.37E-08	5.93E-09	3.21E-08	1.82E-07
4336	476863.09	3857377.25	2.69E-04	2.75E-04	2.60E-04	9.31E-08	2.81E-07	1.63E-07	1.66E-07	1.51E-07	6.88E-08	6.51E-08	3.11E-09	7.51E-08	1.66E-08	2.26E-08	3.58E-08	6.32E-09	3.42E-08	1.94E-07
4337	477363.09	3857377.25	2.53E-04	2.59E-04	2.46E-04	8.78E-08	2.65E-07	1.53E-07	1.57E-07	1.42E-07	6.48E-08	6.17E-08	2.93E-09	7.08E-08	1.56E-08	2.13E-08	3.37E-08	5.95E-09	3.24E-08	1.83E-07
4338	477863.09	3857377.25	2.23E-04	2.27E-04	2.19E-04	7.72E-08	2.33E-07	1.35E-07	1.37E-07	1.25E-07	5.68E-08	5.48E-08	2.58E-09	6.23E-08	1.37E-08	1.87E-08	2.96E-08	5.22E-09	2.88E-08	1.61E-07
4339	478363.09	3857377.25	2.03E-04	2.06E-04	2.01E-04	7.03E-08	2.12E-07	1.23E-07	1.25E-07	1.13E-07	5.16E-08	5.04E-08	2.35E-09	5.67E-08	1.25E-08	1.69E-08	2.68E-08	4.73E-09	2.64E-08	1.46E-07

4340	478863.09	3857377.25	1.95E-04	1.98E-04	1.95E-04	6.77E-08	2.04E-07	1.18E-07	1.20E-07	1.09E-07	4.96E-08	4.88E-08	2.26E-09	5.46E-08	1.21E-08	1.63E-08	2.58E-08	4.55E-09	2.56E-08	1.41E-07
4341	479363.09	3857377.25	2.60E-04	2.64E-04	2.56E-04	9.01E-08	2.72E-07	1.58E-07	1.60E-07	1.45E-07	6.62E-08	6.43E-08	3.01E-09	7.27E-08	1.60E-08	2.17E-08	3.45E-08	6.08E-09	3.37E-08	1.88E-07
4342	479863.09	3857377.25	5.05E-04	5.18E-04	4.83E-04	1.75E-07	5.29E-07	3.06E-07	3.14E-07	2.85E-07	1.30E-07	1.21E-07	5.85E-09	1.41E-07	3.12E-08	4.26E-08	6.76E-08	1.19E-08	6.35E-08	3.64E-07
4343	480363.09	3857377.25	4.57E-04	4.68E-04	4.41E-04	1.58E-07	4.78E-07	2.77E-07	2.83E-07	2.57E-07	1.17E-07	1.10E-07	5.29E-09	1.28E-07	2.82E-08	3.85E-08	6.11E-08	1.08E-08	5.80E-08	3.30E-07
4344	480863.09	3857377.25	1.29E-03	1.33E-03	1.24E-03	4.49E-07	1.35E-06	7.84E-07	8.06E-07	7.31E-07	3.33E-07	3.10E-07	1.50E-08	3.62E-07	7.99E-08	1.09E-07	1.74E-07	3.06E-08	1.62E-07	9.33E-07
4345	481363.09	3857377.25	1.44E-03	1.48E-03	1.37E-03	5.00E-07	1.51E-06	8.75E-07	8.99E-07	8.15E-07	3.72E-07	3.44E-07	1.67E-08	4.04E-07	8.91E-08	1.22E-07	1.94E-07	3.41E-08	1.81E-07	1.04E-06
4346	481863.09	3857377.25	2.05E-03	2.10E-03	1.99E-03	7.11E-07	2.15E-06	1.24E-06	1.27E-06	1.15E-06	5.26E-07	4.98E-07	2.37E-08	5.73E-07	1.27E-07	1.73E-07	2.74E-07	4.83E-08	2.61E-07	1.48E-06
4347	482363.09	3857377.25	3.73E-03	3.79E-03	3.73E-03	1.29E-06	3.90E-06	2.26E-06	2.29E-06	2.08E-06	9.49E-07	9.35E-07	4.32E-08	1.04E-06	2.30E-07	3.11E-07	4.94E-07	8.70E-08	4.91E-07	2.70E-06
4348	482863.09	3857377.25	5.30E-03	5.36E-03	5.36E-03	1.84E-06	5.54E-06	3.21E-06	3.25E-06	2.94E-06	1.34E-06	1.34E-06	6.13E-08	1.48E-06	3.27E-07	4.41E-07	7.00E-07	1.23E-07	7.05E-07	3.84E-06
4349	483363.09	3857377.25	7.40E-03	7.48E-03	7.53E-03	2.56E-06	7.74E-06	4.48E-06	4.53E-06	4.11E-06	1.87E-06	1.89E-06	8.57E-08	2.07E-06	4.57E-07	6.15E-07	9.76E-07	1.72E-07	9.91E-07	5.36E-06
4350	483863.09	3857377.25	1.09E-02	1.10E-02	1.11E-02	3.77E-06	1.14E-05	6.59E-06	6.65E-06	6.02E-06	2.75E-06	2.79E-06	1.26E-07	3.04E-06	6.71E-07	9.02E-07	1.43E-06	2.52E-07	1.47E-06	7.89E-06
4351	484363.09	3857377.25	1.72E-02	1.73E-02	1.78E-02	5.96E-06	1.80E-05	1.04E-05	1.05E-05	9.51E-06	4.34E-06	4.45E-06	1.99E-07	4.81E-06	1.06E-06	1.42E-06	2.26E-06	3.98E-07	2.33E-06	1.25E-05
4352	484863.09	3857377.25	3.03E-02	3.05E-02	3.15E-02	1.05E-05	3.17E-05	1.84E-05	1.85E-05	1.67E-05	7.63E-06	7.90E-06	3.51E-07	8.48E-06	1.87E-06	2.51E-06	3.98E-06	7.01E-07	4.14E-06	2.20E-05
4353	485363.09	3857377.25	7.28E-02	7.30E-02	7.62E-02	2.52E-05	7.62E-05	4.41E-05	4.42E-05	4.01E-05	1.83E-05	1.91E-05	8.43E-07	2.04E-05	4.49E-06	6.00E-06	9.52E-06	1.68E-06	1.00E-05	5.29E-05
4354	485863.09	3857377.25	4.29E-02	4.32E-02	4.45E-02	1.49E-05	4.49E-05	2.60E-05	2.61E-05	2.37E-05	1.08E-05	1.12E-05	4.97E-07	1.20E-05	2.65E-06	3.55E-06	5.63E-06	9.92E-07	5.85E-06	3.12E-05
4355	486363.09	3857377.25	2.07E-02	2.11E-02	2.07E-02	7.18E-06	2.17E-05	1.26E-05	1.28E-05	1.16E-05	5.28E-06	5.18E-06	2.40E-07	5.79E-06	1.28E-06	1.73E-06	2.75E-06	4.84E-07	2.72E-06	1.50E-05
4356	486863.09	3857377.25	1.41E-02	1.46E-02	1.30E-02	4.88E-06	1.47E-05	8.54E-06	8.85E-06	8.02E-06	3.66E-06	3.27E-06	1.63E-07	3.94E-06	8.69E-07	1.20E-06	1.91E-06	3.36E-07	1.71E-06	1.01E-05
4357	487363.09	3857377.25	1.30E-02	1.36E-02	1.18E-02	4.52E-06	1.36E-05	7.90E-06	8.22E-06	7.45E-06	3.40E-06	2.97E-06	1.51E-07	3.64E-06	8.04E-07	1.12E-06	1.77E-06	3.12E-07	1.56E-06	9.35E-06
4358	487863.09	3857377.25	1.19E-02	1.24E-02	1.10E-02	4.14E-06	1.25E-05	7.23E-06	7.51E-06	6.81E-06	3.11E-06	2.75E-06	1.38E-07	3.34E-06	7.37E-07	1.02E-06	1.62E-06	2.85E-07	1.44E-06	8.58E-06
4359	488363.09	3857377.25	1.07E-02	1.10E-02	9.89E-03	3.69E-06	1.12E-05	6.46E-06	6.68E-06	6.06E-06	2.76E-06	2.48E-06	1.23E-07	2.98E-06	6.57E-07	9.08E-07	1.44E-06	2.54E-07	1.30E-06	7.66E-06
4360	488863.09	3857377.25	1.04E-02	1.08E-02	9.85E-03	3.62E-06	1.09E-05	6.33E-06	6.52E-06	5.91E-06	2.69E-06	2.47E-06	1.21E-07	2.92E-06	6.44E-07	8.85E-07	1.40E-06	2.47E-07	1.29E-06	7.52E-06
4361	489363.09	3857377.25	1.00E-02	1.03E-02	9.53E-03	3.47E-06	1.05E-05	6.06E-06	6.22E-06	5.64E-06	2.57E-06	2.39E-06	1.16E-07	2.80E-06	6.18E-07	8.45E-07	1.34E-06	2.36E-07	1.25E-06	7.21E-06
4362	489863.09	3857377.25	8.98E-03	9.20E-03	8.58E-03	3.11E-06	9.39E-06	5.44E-06	5.57E-06	5.05E-06	2.31E-06	2.15E-06	1.04E-07	2.51E-06	5.54E-07	7.57E-07	1.20E-06	2.12E-07	1.13E-06	6.46E-06
4363	490363.09	3857377.25	8.01E-03	8.21E-03	7.68E-03	2.78E-06	8.39E-06	4.85E-06	4.97E-06	4.51E-06	2.06E-06	1.92E-06	9.27E-08	2.24E-06	4.94E-07	6.75E-07	1.07E-06	1.89E-07	1.01E-06	5.77E-06
4364	490863.09	3857377.25	7.26E-03	7.43E-03	6.98E-03	2.52E-06	7.60E-06	4.40E-06	4.50E-06	4.08E-06	1.86E-06	1.75E-06	8.40E-08	2.03E-06	4.48E-07	6.11E-07	9.70E-07	1.71E-07	9.17E-07	5.23E-06
4365	491363.09	3857377.25	6.64E-03	6.80E-03	6.40E-03	2.30E-06	6.95E-06	4.02E-06	4.12E-06	3.73E-06	1.70E-06	1.60E-06	7.69E-08	1.86E-06	4.10E-07	5.59E-07	8.87E-07	1.56E-07	8.42E-07	4.79E-06
4366	491863.09	3857377.25	5.87E-03	6.01E-03	5.66E-03	2.04E-06	6.14E-06	3.56E-06	3.64E-06	3.30E-06	1.51E-06	1.42E-06	6.80E-08	1.64E-06	3.62E-07	4.94E-07	7.84E-07	1.38E-07	7.44E-07	4.23E-06
4367	492363.09	3857377.25	4.53E-03	4.64E-03	4.34E-03	1.57E-06	4.74E-06	2.75E-06	2.81E-06	2.55E-06	1.16E-06	1.09E-06	5.25E-08	1.27E-06	2.80E-07	3.82E-07	6.05E-07	1.07E-07	5.71E-07	3.26E-06
4368	492863.09	3857377.25	3.34E-03	3.42E-03	3.22E-03	1.16E-06	3.50E-06	2.02E-06	2.07E-06	1.88E-06	8.56E-07	8.07E-07	3.87E-08	9.34E-07	2.06E-07	2.81E-07	4.46E-07	7.85E-08	4.23E-07	2.41E-06
4369	493363.09	3857377.25	2.49E-03	2.54E-03	2.42E-03	8.62E-07	2.60E-06	1.51E-06	1.54E-06	1.39E-06	6.35E-07	6.05E-07	2.88E-08	6.95E-07	1.53E-07	2.09E-07	3.31E-07	5.83E-08	3.18E-07	1.79E-06
4370	493863.09	3857377.25	2.14E-03	2.18E-03	2.09E-03	7.42E-07	2.24E-06	1.30E-06	1.32E-06	1.20E-06	5.46E-07	5.24E-07	2.48E-08	5.99E-07	1.32E-07	1.79E-07	2.85E-07	5.01E-08	2.75E-07	1.54E-06
4371	494363.09	3857377.25	1.82E-03	1.85E-03	1.79E-03	6.32E-07	1.91E-06	1.10E-06	1.12E-06	1.02E-06	4.65E-07	4.48E-07	2.11E-08	5.10E-07	1.12E-07	1.53E-07	2.42E-07	4.26E-08	2.35E-07	1.32E-06
4372	494863.09	3857377.25	1.66E-03	1.69E-03	1.63E-03	5.75E-07	1.74E-06	1.00E-06	1.02E-06	9.26E-07	4.22E-07	4.08E-07	1.92E-08	4.64E-07	1.02E-07	1.39E-07	2.20E-07	3.88E-08	2.14E-07	1.20E-06
4373	495363.09	3857377.25	1.53E-03	1.55E-03	1.50E-03	5.30E-07	1.60E-06	9.26E-07	9.41E-07	8.53E-07	3.89E-07	3.77E-07	1.77E-08	4.27E-07	9.43E-08	1.28E-07	2.03E-07	3.57E-08	1.98E-07	1.10E-06
4374	495863.09	3857377.25	1.47E-03	1.49E-03	1.45E-03	5.09E-07	1.54E-06	8.89E-07	9.03E-07	8.19E-07	3.74E-07	3.62E-07	1.70E-08	4.10E-07	9.05E-08	1.23E-07	1.95E-07	3.43E-08	1.90E-07	1.06E-06
4375	496363.09	3857377.25	1.42E-03	1.45E-03	1.40E-03	4.94E-07	1.49E-06	8.63E-07	8.77E-07	7.95E-07	3.63E-07	3.51E-07	1.65E-08	3.98E-07	8.78E-08	1.19E-07	1.89E-07	3.33E-08	1.84E-07	1.03E-06
4376	496863.09	3857377.25	1.40E-03	1.42E-03	1.38E-03	4.84E-07	1.46E-06	8.46E-07	8.60E-07	7.79E-07	3.56E-07	3.45E-07	1.62E-08	3.90E-07	8.62E-08	1.17E-07	1.85E-07	3.26E-08	1.81E-07	1.01E-06
4377	497363.09	3857377.25	1.42E-03	1.45E-03	1.40E-03	4.94E-07	1.49E-06	8.63E-07	8.77E-07	7.95E-07	3.63E-07	3.51E-07	1.65E-08	3.98E-07	8.78E-08	1.19E-07	1.89E-07	3.33E-08	1.84E-07	1.03E-06
4378	497863.09	3857377.25	1.48E-03	1.51E-03	1.46E-03	5.14E-07	1.55E-06	8.99E-07	9.15E-07	8.29E-07	3.78E-07	3.65E-07	1.72E-08	4.15E-07	9.16E-08	1.24E-07	1.97E-07	3.47E-08	1.92E-07	1.07E-06
4379	498363.09	3857377.25	1.70E-03	1.73E-03	1.67E-03	5.89E-07	1.78E-06	1.03E-06	1.05E-06	9.51E-07	4.34E-07	4.17E-07	1.97E-08	4.75E-07	1.05E-07	1.42E-07	2.26E-07	3.98E-08	2.19E-07	1.23E-06
4380	471363.09	3857877.25	2.70E-04	2.76E-04	2.62E-04	9.35E-08	2.82E-07	1.63E-07	1.67E-07	1.51E-07	6.91E-08	6.56E-08	3.12E-09	7.54E-08	1.66E-08	2.27E-08	3.60E-08	6.34E-09	3.44E-08	1.95E-07
4381	471863.09	3857877.25	2.77E-04	2.83E-04	2.68E-04	9.59E-08	2.90E-07	1.68E-07	1.71E-07	1.55E-07	7.09E-08	6.73E-08	3.20E-09	7.74E-08	1.71E-08	2.33E-08	3.69E-08	6.51E-09	3.53E-08	2.00E-07
4382	472363.09	3857877.25	2.91E-04	2.97E-04	2.82E-04	1.01E-07	3.04E-07	1.76E-07	1.80E-07	1.63E-07	7.45E-08	7.06E-08	3.37E-09	8.13E-08	1.79E-08	2.45E-08	3.88E-08	6.84E-09	3.71E-08	2.10E-07
4383	472863.09	3857877.25	3.17E-04	3.24E-04	3.08E-04	1.10E-07	3.32E-07	1.92E-07	1.96E-07	1.78E-07	8.13E-08	7.71E-08	3.67E-09	8.87E-08	1.96E-08	2.67E-08	4.23E-08	7.46E-09	4.05E-08	2.29E-07
4384	473363.09	3857877.25	3.35E-04	3.42E-04	3.24E-04	1.16E-07	3.50E-07	2.03E-07	2.07E-07	1.88E-07	8.57E-08	8.13E-08	3.87E-09	9.35E-08	2.06E-08	2.81E-08	4.46E-08	7.86E-09	4.27E-08	2.41E-07
4385	473863.09	3857877.25	3.65E-04	3.73E-04	3.54E-04	1.26E-07	3.81E-07	2.21E-07	2.26E-07	2.05E-07	9.34E-08	8.87E-08	4.22E-09	1.02E-07	2.25E-08	3.06E-08	4.86E-08	8.57E-09	4.65E-08	2.63E-07
4386	474363.09	3857877.25	3.31E-04	3.38E-04	3.19E-04	1.15E-07	3.46E-07	2.00E-07	2.05E-07	1.86E-07	8.48E-08	7.98E-08	3.82E-09	9.24E-08	2.04E-08	2.78E-08	4.41E-08	7.78E-09	4.19E-08	2.38E-07
4387	474863.09	3857877.25	2.52E-04	2.58E-04	2.42E-04	8.73E-08	2.64E-07	1.53E-07	1.56E-07	1.42E-07	6.46E-08	6.06E-08	2.91E-09	7.04E-08	1.55E-08	2.12E-08	3.37E-08	5.93E-09	3.18E-08	1.81E-07
4388	475363.09	3857877.25	1.75E-04	1.78E-04	1.71E-04	6.07E-08	1.83E-07	1.06E-07	1.08E-07	9.80E-08	4.47E-08	4.28E-08	2.03E-09	4.89E-08	1.08E-08	1.47E-08	2.33E-08	4.10E-09	2.25E-08	1.26E-07
4389	475863.09	3857877.25	1.19E-04	1.21E-04	1.19E-04	4.13E-08	1.25E-07	7.22E-08	7.31E-08	6.63E-08	3.02E-08	2.98E-08	1.38E-09	3.33E-08	7.35E-09	9.93E-09	1.57E-08	2.78E-09	1.56E-08	8.61E-08
4390	476363.09	3857877.25	1.98E-04	2.02E-04	1.93E-04	6.86E-08	2.07E-07	1.20E-07	1.22E-07	1.11E-07	5.05E-08	4.84E-08	2.29E-09	5.53E-08	1.22E-08	1.66E-08	2.63E-08	4.64E-09	2.54E-08	1.43E-07
4391	476863.09	3857877.25	2.32E-04	2.37E-04	2.25E-04	8.04E-08	2.43E-07	1.41E-07	1.44E-07	1.30E-07	5.94E-08	5.64E-08	2.68E-09	6.49E-08	1.43E-08	1.95E-08	3.09E-08	5.45E-09	2.96E-08	1.67E-07
4392	477363.09	3857877.25	2.37E-04	2.42E-04	2.30E-04	8.20E-08	2.48E-07	1.43E-07	1.46E-07	1.33E-07	6.05E-08	5.76E-08	2.74E-09	6.61E-08	1.46E-08	1.99E-08	3.15E-08	5.55E-09	3.02E-08	1.71E-07

4393	477863.09	3857877.25	2.39E-04	2.44E-04	2.33E-04	8.29E-08	2.50E-07	1.45E-07	1.48E-07	1.34E-07	6.11E-08	5.85E-08	2.77E-09	6.68E-08	1.48E-08	2.01E-08	3.18E-08	5.61E-09	3.07E-08	1.73E-07
4394	478363.09	3857877.25	1.82E-04	1.84E-04	1.81E-04	6.29E-08	1.90E-07	1.10E-07	1.12E-07	1.01E-07	4.61E-08	4.53E-08	2.10E-09	5.08E-08	1.12E-08	1.51E-08	2.40E-08	4.23E-09	2.38E-08	1.31E-07
4395	478863.09	3857877.25	1.69E-04	1.71E-04	1.69E-04	5.86E-08	1.77E-07	1.02E-07	1.04E-07	9.40E-08	4.29E-08	4.24E-08	1.96E-09	4.73E-08	1.04E-08	1.41E-08	2.23E-08	3.94E-09	2.22E-08	1.22E-07
4396	479363.09	3857877.25	4.57E-04	4.70E-04	4.35E-04	1.58E-07	4.78E-07	2.77E-07	2.84E-07	2.58E-07	1.18E-07	1.09E-07	5.29E-09	1.28E-07	2.82E-08	3.86E-08	6.13E-08	1.08E-08	5.72E-08	3.29E-07
4397	479863.09	3857877.25	8.39E-04	8.63E-04	7.95E-04	2.91E-07	8.78E-07	5.08E-07	5.23E-07	4.74E-07	2.16E-07	1.99E-07	9.71E-09	2.35E-07	5.18E-08	7.10E-08	1.13E-07	1.99E-08	1.05E-07	6.04E-07
4398	480363.09	3857877.25	1.12E-03	1.15E-03	1.07E-03	3.88E-07	1.17E-06	6.78E-07	6.95E-07	6.30E-07	2.88E-07	2.69E-07	1.29E-08	3.13E-07	6.90E-08	9.44E-08	1.50E-07	2.64E-08	1.41E-07	8.06E-07
4399	480863.09	3857877.25	1.29E-03	1.32E-03	1.24E-03	4.46E-07	1.35E-06	7.80E-07	8.00E-07	7.25E-07	3.31E-07	3.10E-07	1.49E-08	3.60E-07	7.94E-08	1.09E-07	1.72E-07	3.04E-08	1.63E-07	9.28E-07
4400	481363.09	3857877.25	1.49E-03	1.53E-03	1.44E-03	5.18E-07	1.56E-06	9.05E-07	9.28E-07	8.41E-07	3.84E-07	3.60E-07	1.73E-08	4.18E-07	9.22E-08	1.26E-07	2.00E-07	3.52E-08	1.89E-07	1.08E-06
4401	481863.09	3857877.25	1.84E-03	1.89E-03	1.79E-03	6.39E-07	1.93E-06	1.12E-06	1.14E-06	1.04E-06	4.73E-07	4.48E-07	2.13E-08	5.16E-07	1.14E-07	1.55E-07	2.46E-07	4.34E-08	2.35E-07	1.33E-06
4402	482363.09	3857877.25	2.79E-03	2.84E-03	2.76E-03	9.68E-07	2.92E-06	1.69E-06	1.72E-06	1.56E-06	7.12E-07	6.92E-07	3.23E-08	7.81E-07	1.72E-07	2.34E-07	3.71E-07	6.54E-08	3.63E-07	2.02E-06
4403	482863.09	3857877.25	4.22E-03	4.28E-03	4.25E-03	1.46E-06	4.42E-06	2.56E-06	2.59E-06	2.35E-06	1.07E-06	1.07E-06	4.89E-08	1.18E-06	2.60E-07	3.52E-07	5.58E-07	9.83E-08	5.59E-07	3.06E-06
4404	483363.09	3857877.25	5.14E-03	5.21E-03	5.19E-03	1.78E-06	5.38E-06	3.11E-06	3.15E-06	2.86E-06	1.30E-06	1.30E-06	5.95E-08	1.44E-06	3.17E-07	4.28E-07	6.79E-07	1.20E-07	6.83E-07	3.72E-06
4405	483863.09	3857877.25	6.26E-03	6.34E-03	6.34E-03	2.17E-06	6.55E-06	3.79E-06	3.84E-06	3.48E-06	1.59E-06	1.59E-06	7.25E-08	1.75E-06	3.86E-07	5.21E-07	8.27E-07	1.46E-07	8.33E-07	4.54E-06
4406	484363.09	3857877.25	7.55E-03	7.63E-03	7.65E-03	2.62E-06	7.90E-06	4.57E-06	4.62E-06	4.19E-06	1.91E-06	1.92E-06	8.73E-08	2.11E-06	4.65E-07	6.28E-07	9.96E-07	1.76E-07	1.01E-06	5.47E-06
4407	484863.09	3857877.25	9.40E-03	9.50E-03	9.56E-03	3.26E-06	9.84E-06	5.70E-06	5.76E-06	5.22E-06	2.38E-06	2.40E-06	1.09E-07	2.63E-06	5.80E-07	7.82E-07	1.24E-06	2.19E-07	1.26E-06	6.82E-06
4408	485363.09	3857877.25	1.20E-02	1.22E-02	1.23E-02	4.17E-06	1.26E-05	7.29E-06	7.36E-06	6.67E-06	3.05E-06	3.08E-06	1.39E-07	3.37E-06	7.43E-07	1.00E-06	1.59E-06	2.79E-07	1.62E-06	8.73E-06
4409	485863.09	3857877.25	1.79E-02	1.80E-02	1.84E-02	6.19E-06	1.87E-05	1.08E-05	1.09E-05	9.88E-06	4.51E-06	4.61E-06	2.07E-07	4.99E-06	1.10E-06	1.48E-06	2.35E-06	4.14E-07	2.42E-06	1.30E-05
4410	486363.09	3857877.25	5.83E-02	5.85E-02	6.11E-02	2.02E-05	6.10E-05	3.53E-05	3.54E-05	3.21E-05	1.46E-05	1.53E-05	6.75E-07	1.63E-05	3.60E-06	4.81E-06	7.63E-06	1.34E-06	8.03E-06	4.24E-05
4411	486863.09	3857877.25	2.25E-02	2.27E-02	2.33E-02	7.81E-06	2.36E-05	1.36E-05	1.37E-05	1.24E-05	5.68E-06	5.83E-06	2.61E-07	6.30E-06	1.39E-06	1.86E-06	2.96E-06	5.21E-07	3.06E-06	1.63E-05
4412	487363.09	3857877.25	1.63E-02	1.65E-02	1.66E-02	5.65E-06	1.71E-05	9.88E-06	9.98E-06	9.04E-06	4.13E-06	4.16E-06	1.89E-07	4.56E-06	1.01E-06	1.35E-06	2.15E-06	3.79E-07	2.18E-06	1.18E-05
4413	487863.09	3857877.25	1.43E-02	1.45E-02	1.44E-02	4.97E-06	1.50E-05	8.68E-06	8.79E-06	7.96E-06	3.63E-06	3.62E-06	1.66E-07	4.01E-06	8.84E-07	1.19E-06	1.89E-06	3.33E-07	1.90E-06	1.04E-05
4414	488363.09	3857877.25	2.90E-02	2.91E-02	2.90E-02	1.00E-05	3.03E-05	1.76E-05	1.77E-05	1.60E-05	7.30E-06	7.27E-06	3.35E-07	8.10E-06	1.79E-06	2.40E-06	3.80E-06	6.70E-07	3.82E-06	2.09E-05
4415	488863.09	3857877.25	1.82E-02	1.84E-02	1.82E-02	6.31E-06	1.90E-05	1.10E-05	1.11E-05	1.01E-05	4.60E-06	4.55E-06	2.11E-07	5.09E-06	1.12E-06	1.51E-06	2.40E-06	4.22E-07	2.39E-06	1.31E-05
4416	489363.09	3857877.25	1.31E-02	1.33E-02	1.31E-02	4.56E-06	1.38E-05	7.97E-06	8.07E-06	7.31E-06	3.34E-06	3.28E-06	1.52E-07	3.68E-06	8.11E-07	1.10E-06	1.74E-06	3.06E-07	1.72E-06	9.50E-06
4417	489863.09	3857877.25	1.08E-02	1.10E-02	1.07E-02	3.75E-06	1.13E-05	6.55E-06	6.64E-06	6.02E-06	2.75E-06	2.69E-06	1.25E-07	3.02E-06	6.67E-07	9.02E-07	1.43E-06	2.52E-07	1.41E-06	7.81E-06
4418	490363.09	3857877.25	9.47E-03	9.61E-03	9.40E-03	3.28E-06	9.91E-06	5.74E-06	5.82E-06	5.28E-06	2.41E-06	2.35E-06	1.10E-07	2.65E-06	5.84E-07	7.91E-07	1.25E-06	2.21E-07	1.24E-06	6.84E-06
4419	490863.09	3857877.25	8.47E-03	8.60E-03	8.40E-03	2.94E-06	8.86E-06	5.13E-06	5.21E-06	4.72E-06	2.16E-06	2.10E-06	9.80E-08	2.37E-06	5.23E-07	7.07E-07	1.12E-06	1.98E-07	1.10E-06	6.12E-06
4420	491363.09	3857877.25	7.25E-03	7.37E-03	7.17E-03	2.51E-06	7.59E-06	4.39E-06	4.47E-06	4.05E-06	1.85E-06	1.80E-06	8.39E-08	2.03E-06	4.47E-07	6.06E-07	9.62E-07	1.70E-07	9.42E-07	5.24E-06
4421	491863.09	3857877.25	6.00E-03	6.11E-03	5.90E-03	2.08E-06	6.28E-06	3.64E-06	3.70E-06	3.35E-06	1.53E-06	1.48E-06	6.94E-08	1.68E-06	3.70E-07	5.02E-07	7.97E-07	1.40E-07	7.75E-07	4.33E-06
4422	492363.09	3857877.25	4.35E-03	4.43E-03	4.25E-03	1.51E-06	4.55E-06	2.63E-06	2.68E-06	2.43E-06	1.11E-06	1.07E-06	5.03E-08	1.22E-06	2.68E-07	3.64E-07	5.78E-07	1.02E-07	5.59E-07	3.14E-06
4423	492863.09	3857877.25	3.15E-03	3.21E-03	3.10E-03	1.09E-06	3.30E-06	1.91E-06	1.94E-06	1.76E-06	8.04E-07	7.77E-07	3.65E-08	8.81E-07	1.95E-07	2.64E-07	4.18E-07	7.37E-08	4.08E-07	2.28E-06
4424	493363.09	3857877.25	2.67E-03	2.71E-03	2.63E-03	9.25E-07	2.79E-06	1.62E-06	1.64E-06	1.49E-06	6.80E-07	6.60E-07	3.09E-08	7.46E-07	1.65E-07	2.23E-07	3.54E-07	6.24E-08	3.46E-07	1.93E-06
4425	493863.09	3857877.25	2.40E-03	2.44E-03	2.37E-03	8.31E-07	2.51E-06	1.45E-06	1.48E-06	1.34E-06	6.10E-07	5.93E-07	2.77E-08	6.70E-07	1.48E-07	2.00E-07	3.18E-07	5.60E-08	3.11E-07	1.73E-06
4426	494363.09	3857877.25	2.19E-03	2.23E-03	2.17E-03	7.60E-07	2.29E-06	1.33E-06	1.35E-06	1.22E-06	5.58E-07	5.43E-07	2.54E-08	6.13E-07	1.35E-07	1.83E-07	2.91E-07	5.12E-08	2.85E-07	1.58E-06
4427	494863.09	3857877.25	1.91E-03	1.94E-03	1.90E-03	6.64E-07	2.00E-06	1.16E-06	1.18E-06	1.07E-06	4.87E-07	4.75E-07	2.22E-08	5.35E-07	1.18E-07	1.60E-07	2.54E-07	4.47E-08	2.49E-07	1.38E-06
4428	495363.09	3857877.25	1.79E-03	1.82E-03	1.77E-03	6.20E-07	1.87E-06	1.08E-06	1.10E-06	9.97E-07	4.55E-07	4.44E-07	2.07E-08	5.00E-07	1.10E-07	1.49E-07	2.37E-07	4.18E-08	2.33E-07	1.29E-06
4429	495863.09	3857877.25	1.68E-03	1.70E-03	1.66E-03	5.81E-07	1.75E-06	1.02E-06	1.03E-06	9.35E-07	4.27E-07	4.16E-07	1.94E-08	4.69E-07	1.03E-07	1.40E-07	2.22E-07	3.92E-08	2.18E-07	1.21E-06
4430	496363.09	3857877.25	1.64E-03	1.67E-03	1.63E-03	5.70E-07	1.72E-06	9.96E-07	1.01E-06	9.17E-07	4.19E-07	4.08E-07	1.90E-08	4.60E-07	1.01E-07	1.37E-07	2.18E-07	3.84E-08	2.14E-07	1.19E-06
4431	496863.09	3857877.25	1.61E-03	1.64E-03	1.59E-03	5.59E-07	1.69E-06	9.77E-07	9.92E-07	8.99E-07	4.10E-07	3.99E-07	1.87E-08	4.51E-07	9.94E-08	1.35E-07	2.14E-07	3.77E-08	2.10E-07	1.16E-06
4432	497363.09	3857877.25	1.56E-03	1.59E-03	1.55E-03	5.42E-07	1.64E-06	9.48E-07	9.63E-07	8.73E-07	3.98E-07	3.87E-07	1.81E-08	4.37E-07	9.65E-08	1.31E-07	2.07E-07	3.66E-08	2.03E-07	1.13E-06
4433	497863.09	3857877.25	1.70E-03	1.72E-03	1.67E-03	5.88E-07	1.77E-06	1.03E-06	1.04E-06	9.47E-07	4.32E-07	4.19E-07	1.96E-08	4.74E-07	1.05E-07	1.42E-07	2.25E-07	3.96E-08	2.20E-07	1.22E-06
4434	498363.09	3857877.25	1.84E-03	1.87E-03	1.81E-03	6.36E-07	1.92E-06	1.11E-06	1.13E-06	1.03E-06	4.68E-07	4.53E-07	2.13E-08	5.13E-07	1.13E-07	1.54E-07	2.44E-07	4.30E-08	2.38E-07	1.33E-06
4435	471363.09	3858377.25	2.85E-04	2.91E-04	2.77E-04	9.86E-08	2.98E-07	1.72E-07	1.76E-07	1.60E-07	7.28E-08	6.95E-08	3.29E-09	7.96E-08	1.76E-08	2.39E-08	3.79E-08	6.68E-09	3.65E-08	2.05E-07
4436	471863.09	3858377.25	2.92E-04	2.98E-04	2.84E-04	1.01E-07	3.06E-07	1.77E-07	1.81E-07	1.64E-07	7.48E-08	7.12E-08	3.38E-09	8.16E-08	1.80E-08	2.45E-08	3.89E-08	6.86E-09	3.74E-08	2.11E-07
4437	472363.09	3858377.25	3.01E-04	3.07E-04	2.92E-04	1.04E-07	3.15E-07	1.82E-07	1.86E-07	1.69E-07	7.70E-08	7.32E-08	3.48E-09	8.41E-08	1.86E-08	2.53E-08	4.01E-08	7.07E-09	3.84E-08	2.17E-07
4438	472863.09	3858377.25	3.21E-04	3.28E-04	3.13E-04	1.11E-07	3.36E-07	1.95E-07	1.99E-07	1.80E-07	8.23E-08	7.83E-08	3.72E-09	8.99E-08	1.98E-08	2.70E-08	4.29E-08	7.55E-09	4.11E-08	2.32E-07
4439	473363.09	3858377.25	3.69E-04	3.77E-04	3.61E-04	1.28E-07	3.87E-07	2.24E-07	2.28E-07	2.07E-07	9.45E-08	9.04E-08	4.28E-09	1.03E-07	2.28E-08	3.10E-08	4.92E-08	8.67E-09	4.74E-08	2.67E-07
4440	473863.09	3858377.25	3.63E-04	3.71E-04	3.53E-04	1.26E-07	3.80E-07	2.20E-07	2.25E-07	2.04E-07	9.31E-08	8.85E-08	4.21E-09	1.02E-07	2.24E-08	3.05E-08	4.85E-08	8.54E-09	4.64E-08	2.62E-07
4441	474363.09	3858377.25	3.12E-04	3.19E-04	3.00E-04	1.08E-07	3.26E-07	1.89E-07	1.93E-07	1.75E-07	7.99E-08	7.51E-08	3.60E-09	8.71E-08	1.92E-08	2.62E-08	4.16E-08	7.34E-09	3.94E-08	2.25E-07
4442	474863.09	3858377.25	2.55E-04	2.61E-04	2.44E-04	8.83E-08	2.67E-07	1.54E-07	1.58E-07	1.43E-07	6.54E-08	6.12E-08	2.95E-09	7.12E-08	1.57E-08	2.15E-08	3.41E-08	6.00E-09	3.21E-08	1.83E-07
4443	475363.09	3858377.25	1.94E-04	1.98E-04	1.88E-04	6.73E-08	2.03E-07	1.18E-07	1.20E-07	1.09E-07	4.97E-08	4.71E-08	2.25E-09	5.43E-08	1.20E-08	1.63E-08	2.59E-08	4.56E-09	2.47E-08	1.40E-07
4444	475863.09	3858377.25	1.65E-04	1.68E-04	1.62E-04	5.73E-08	1.73E-07	1.00E-07	1.02E-07	9.24E-08	4.22E-08	4.06E-08	1.91E-09	4.62E-08	1.02E-08	1.38E-08	2.20E-08	3.87E-09	2.13E-08	1.19E-07
4445	476363.09	3858377.25	1.78E-04	1.81E-04	1.75E-04	6.18E-08	1.86E-07	1.08E-07	1.10E-07	9.96E-08	4.55E-08	4.38E-08	2.06E-09	4.98E-08	1.10E-08	1.49E-08	2.37E-08	4.17E-09	2.30E-08	1.29E-07

4446	476863.09	3858377.25	1.93E-04	1.97E-04	1.89E-04	6.71E-08	2.02E-07	1.17E-07	1.19E-07	1.08E-07	4.94E-08	4.75E-08	2.24E-09	5.41E-08	1.19E-08	1.62E-08	2.57E-08	4.53E-09	2.49E-08	1.40E-07
4447	477363.09	3858377.25	1.94E-04	1.97E-04	1.91E-04	6.72E-08	2.03E-07	1.17E-07	1.20E-07	1.08E-07	4.94E-08	4.77E-08	2.24E-09	5.42E-08	1.20E-08	1.62E-08	2.57E-08	4.54E-09	2.51E-08	1.40E-07
4448	477863.09	3858377.25	2.37E-04	2.42E-04	2.31E-04	8.23E-08	2.48E-07	1.44E-07	1.47E-07	1.33E-07	6.07E-08	5.79E-08	2.75E-09	6.63E-08	1.46E-08	1.99E-08	3.16E-08	5.57E-09	3.04E-08	1.71E-07
4449	478363.09	3858377.25	2.57E-04	2.62E-04	2.50E-04	8.90E-08	2.69E-07	1.56E-07	1.59E-07	1.44E-07	6.57E-08	6.26E-08	2.97E-09	7.18E-08	1.58E-08	2.16E-08	3.42E-08	6.03E-09	3.29E-08	1.85E-07
4450	478863.09	3858377.25	2.13E-04	2.16E-04	2.10E-04	7.38E-08	2.23E-07	1.29E-07	1.31E-07	1.19E-07	5.42E-08	5.27E-08	2.47E-09	5.96E-08	1.31E-08	1.78E-08	2.82E-08	4.98E-09	2.77E-08	1.54E-07
4451	479363.09	3858377.25	4.72E-04	4.85E-04	4.47E-04	1.63E-07	4.94E-07	2.86E-07	2.94E-07	2.66E-07	1.21E-07	1.12E-07	5.46E-09	1.32E-07	2.91E-08	3.99E-08	6.33E-08	1.12E-08	5.88E-08	3.39E-07
4452	479863.09	3858377.25	8.98E-04	9.21E-04	8.59E-04	3.11E-07	9.39E-07	5.44E-07	5.58E-07	5.06E-07	2.31E-07	2.15E-07	1.04E-08	2.51E-07	5.54E-08	7.58E-08	1.20E-07	2.12E-08	1.13E-07	6.47E-07
4453	480363.09	3858377.25	1.19E-03	1.21E-03	1.15E-03	4.11E-07	1.24E-06	7.19E-07	7.35E-07	6.67E-07	3.04E-07	2.88E-07	1.37E-08	3.32E-07	7.32E-08	9.98E-08	1.58E-07	2.79E-08	1.51E-07	8.56E-07
4454	480863.09	3858377.25	1.32E-03	1.35E-03	1.28E-03	4.58E-07	1.38E-06	8.01E-07	8.19E-07	7.43E-07	3.39E-07	3.21E-07	1.53E-08	3.70E-07	8.15E-08	1.11E-07	1.76E-07	3.11E-08	1.69E-07	9.54E-07
4455	481363.09	3858377.25	1.54E-03	1.57E-03	1.50E-03	5.33E-07	1.61E-06	9.31E-07	9.52E-07	8.63E-07	3.94E-07	3.75E-07	1.78E-08	4.30E-07	9.48E-08	1.29E-07	2.05E-07	3.61E-08	1.97E-07	1.11E-06
4456	481863.09	3858377.25	1.71E-03	1.75E-03	1.66E-03	5.91E-07	1.79E-06	1.03E-06	1.06E-06	9.58E-07	4.37E-07	4.15E-07	1.97E-08	4.77E-07	1.05E-07	1.44E-07	2.28E-07	4.01E-08	2.18E-07	1.23E-06
4457	482363.09	3858377.25	2.07E-03	2.11E-03	2.02E-03	7.17E-07	2.16E-06	1.25E-06	1.28E-06	1.16E-06	5.30E-07	5.06E-07	2.39E-08	5.78E-07	1.28E-07	1.74E-07	2.76E-07	4.86E-08	2.66E-07	1.49E-06
4458	482863.09	3858377.25	3.00E-03	3.06E-03	2.99E-03	1.04E-06	3.14E-06	1.82E-06	1.85E-06	1.68E-06	7.66E-07	7.48E-07	3.48E-08	8.40E-07	1.85E-07	2.51E-07	3.99E-07	7.03E-08	3.93E-07	2.17E-06
4459	483363.09	3858377.25	4.01E-03	4.06E-03	4.03E-03	1.39E-06	4.20E-06	2.43E-06	2.46E-06	2.23E-06	1.02E-06	1.01E-06	4.64E-08	1.12E-06	2.47E-07	3.34E-07	5.30E-07	9.35E-08	5.30E-07	2.90E-06
4460	483863.09	3858377.25	4.68E-03	4.74E-03	4.72E-03	1.62E-06	4.90E-06	2.84E-06	2.87E-06	2.60E-06	1.19E-06	1.18E-06	5.42E-08	1.31E-06	2.89E-07	3.90E-07	6.18E-07	1.09E-07	6.21E-07	3.39E-06
4461	484363.09	3858377.25	5.45E-03	5.51E-03	5.51E-03	1.89E-06	5.70E-06	3.30E-06	3.34E-06	3.03E-06	1.38E-06	1.38E-06	6.30E-08	1.52E-06	3.36E-07	4.53E-07	7.19E-07	1.27E-07	7.24E-07	3.95E-06
4462	484863.09	3858377.25	6.56E-03	6.63E-03	6.67E-03	2.27E-06	6.87E-06	3.98E-06	4.02E-06	3.64E-06	1.66E-06	1.67E-06	7.59E-08	1.83E-06	4.05E-07	5.46E-07	8.66E-07	1.53E-07	8.77E-07	4.76E-06
4463	485363.09	3858377.25	8.41E-03	8.49E-03	8.60E-03	2.92E-06	8.80E-06	5.10E-06	5.14E-06	4.66E-06	2.13E-06	2.15E-06	9.73E-08	2.35E-06	5.19E-07	6.98E-07	1.11E-06	1.95E-07	1.13E-06	6.10E-06
4464	485863.09	3858377.25	1.28E-02	1.29E-02	1.32E-02	4.44E-06	1.34E-05	7.76E-06	7.81E-06	7.08E-06	3.23E-06	3.31E-06	1.48E-07	3.58E-06	7.90E-07	1.06E-06	1.68E-06	2.96E-07	1.74E-06	9.30E-06
4465	486363.09	3858377.25	5.93E-02	5.94E-02	6.23E-02	2.05E-05	6.20E-05	3.59E-05	3.60E-05	3.26E-05	1.49E-05	1.56E-05	6.86E-07	1.66E-05	3.66E-06	4.88E-06	7.74E-06	1.36E-06	8.19E-06	4.31E-05
4466	486863.09	3858377.25	7.80E-02	7.81E-02	8.20E-02	2.70E-05	8.16E-05	4.72E-05	4.73E-05	4.29E-05	1.96E-05	2.06E-05	9.03E-07	2.18E-05	4.81E-06	6.42E-06	1.02E-05	1.80E-06	1.08E-05	5.67E-05
4467	487363.09	3858377.25	3.67E-02	3.68E-02	3.85E-02	1.27E-05	3.84E-05	2.23E-05	2.23E-05	2.02E-05	9.23E-06	9.63E-06	4.25E-07	1.03E-05	2.27E-06	3.03E-06	4.80E-06	8.47E-07	5.06E-06	2.67E-05
4468	487863.09	3858377.25	2.41E-02	2.42E-02	2.50E-02	8.34E-06	2.52E-05	1.46E-05	1.46E-05	1.33E-05	6.06E-06	6.27E-06	2.79E-07	6.73E-06	1.49E-06	1.99E-06	3.15E-06	5.56E-07	3.29E-06	1.75E-05
4469	488363.09	3858377.25	1.83E-02	1.84E-02	1.89E-02	6.33E-06	1.91E-05	1.11E-05	1.11E-05	1.01E-05	4.60E-06	4.73E-06	2.11E-07	5.11E-06	1.13E-06	1.51E-06	2.40E-06	4.22E-07	2.48E-06	1.33E-05
4470	488863.09	3858377.25	1.57E-02	1.57E-02	1.61E-02	5.42E-06	1.64E-05	9.48E-06	9.54E-06	8.65E-06	3.95E-06	4.04E-06	1.81E-07	4.38E-06	9.65E-07	1.30E-06	2.05E-06	3.62E-07	2.12E-06	1.14E-05
4471	489363.09	3858377.25	1.37E-02	1.38E-02	1.40E-02	4.74E-06	1.43E-05	8.29E-06	8.35E-06	7.57E-06	3.45E-06	3.51E-06	1.58E-07	3.83E-06	8.44E-07	1.13E-06	1.80E-06	3.17E-07	1.84E-06	9.92E-06
4472	489863.09	3858377.25	1.22E-02	1.23E-02	1.24E-02	4.22E-06	1.27E-05	7.38E-06	7.44E-06	6.75E-06	3.08E-06	3.12E-06	1.41E-07	3.41E-06	7.51E-07	1.01E-06	1.60E-06	2.82E-07	1.64E-06	8.83E-06
4473	490363.09	3858377.25	1.08E-02	1.09E-02	1.10E-02	3.76E-06	1.13E-05	6.57E-06	6.63E-06	6.01E-06	2.74E-06	2.77E-06	1.26E-07	3.03E-06	6.69E-07	9.00E-07	1.43E-06	2.52E-07	1.45E-06	7.86E-06
4474	490863.09	3858377.25	9.62E-03	9.72E-03	9.77E-03	3.34E-06	1.01E-05	5.83E-06	5.89E-06	5.34E-06	2.44E-06	2.45E-06	1.11E-07	2.69E-06	5.94E-07	7.99E-07	1.27E-06	2.24E-07	1.29E-06	6.97E-06
4475	491363.09	3858377.25	7.96E-03	8.05E-03	8.03E-03	2.76E-06	8.33E-06	4.82E-06	4.87E-06	4.42E-06	2.02E-06	2.01E-06	9.21E-08	2.22E-06	4.91E-07	6.62E-07	1.05E-06	1.85E-07	1.06E-06	5.76E-06
4476	491863.09	3858377.25	5.84E-03	5.91E-03	5.84E-03	2.02E-06	6.11E-06	3.54E-06	3.58E-06	3.25E-06	1.48E-06	1.46E-06	6.75E-08	1.63E-06	3.60E-07	4.86E-07	7.72E-07	1.36E-07	7.68E-07	4.22E-06
4477	492363.09	3858377.25	3.95E-03	4.00E-03	3.95E-03	1.37E-06	4.13E-06	2.39E-06	2.42E-06	2.20E-06	1.00E-06	9.89E-07	4.57E-08	1.10E-06	2.43E-07	3.29E-07	5.22E-07	9.19E-08	5.19E-07	2.85E-06
4478	492863.09	3858377.25	4.00E-03	4.06E-03	3.99E-03	1.39E-06	4.18E-06	2.42E-06	2.46E-06	2.23E-06	1.02E-06	9.99E-07	4.63E-08	1.12E-06	2.47E-07	3.34E-07	5.29E-07	9.33E-08	5.24E-07	2.89E-06
4479	493363.09	3858377.25	3.37E-03	3.42E-03	3.36E-03	1.17E-06	3.52E-06	2.04E-06	2.07E-06	1.88E-06	8.56E-07	8.41E-07	3.90E-08	9.41E-07	2.08E-07	2.81E-07	4.46E-07	7.85E-08	4.42E-07	2.43E-06
4480	493863.09	3858377.25	3.01E-03	3.05E-03	3.00E-03	1.04E-06	3.15E-06	1.82E-06	1.85E-06	1.68E-06	7.65E-07	7.52E-07	3.49E-08	8.42E-07	1.86E-07	2.51E-07	3.99E-07	7.02E-08	3.95E-07	2.18E-06
4481	494363.09	3858377.25	2.65E-03	2.69E-03	2.64E-03	9.18E-07	2.77E-06	1.60E-06	1.63E-06	1.48E-06	6.73E-07	6.61E-07	3.07E-08	7.41E-07	1.63E-07	2.21E-07	3.51E-07	6.18E-08	3.47E-07	1.92E-06
4482	494863.09	3858377.25	2.36E-03	2.40E-03	2.36E-03	8.19E-07	2.47E-06	1.43E-06	1.45E-06	1.32E-06	6.01E-07	5.90E-07	2.74E-08	6.61E-07	1.46E-07	1.97E-07	3.13E-07	5.51E-08	3.10E-07	1.71E-06
4483	495363.09	3858377.25	2.08E-03	2.11E-03	2.07E-03	7.20E-07	2.17E-06	1.26E-06	1.28E-06	1.16E-06	5.28E-07	5.19E-07	2.40E-08	5.81E-07	1.28E-07	1.73E-07	2.75E-07	4.84E-08	2.72E-07	1.50E-06
4484	495863.09	3858377.25	1.98E-03	2.00E-03	1.97E-03	6.85E-07	2.07E-06	1.20E-06	1.21E-06	1.10E-06	5.02E-07	4.93E-07	2.29E-08	5.52E-07	1.22E-07	1.65E-07	2.62E-07	4.61E-08	2.59E-07	1.43E-06
4485	496363.09	3858377.25	1.87E-03	1.90E-03	1.86E-03	6.48E-07	1.96E-06	1.13E-06	1.15E-06	1.04E-06	4.75E-07	4.66E-07	2.16E-08	5.23E-07	1.15E-07	1.56E-07	2.48E-07	4.36E-08	2.44E-07	1.35E-06
4486	496863.09	3858377.25	1.88E-03	1.91E-03	1.86E-03	6.50E-07	1.96E-06	1.14E-06	1.15E-06	1.05E-06	4.77E-07	4.67E-07	2.17E-08	5.25E-07	1.16E-07	1.57E-07	2.49E-07	4.38E-08	2.45E-07	1.36E-06
4487	497363.09	3858377.25	1.83E-03	1.86E-03	1.82E-03	6.35E-07	1.92E-06	1.11E-06	1.13E-06	1.02E-06	4.66E-07	4.55E-07	2.12E-08	5.12E-07	1.13E-07	1.53E-07	2.43E-07	4.28E-08	2.39E-07	1.32E-06
4488	497863.09	3858377.25	1.93E-03	1.96E-03	1.91E-03	6.69E-07	2.02E-06	1.17E-06	1.19E-06	1.08E-06	4.92E-07	4.79E-07	2.24E-08	5.40E-07	1.19E-07	1.61E-07	2.56E-07	4.51E-08	2.51E-07	1.40E-06
4489	498363.09	3858377.25	2.10E-03	2.14E-03	2.08E-03	7.29E-07	2.20E-06	1.27E-06	1.30E-06	1.17E-06	5.36E-07	5.21E-07	2.44E-08	5.88E-07	1.30E-07	1.76E-07	2.79E-07	4.92E-08	2.74E-07	1.52E-06
4490	471363.09	3858877.25	2.87E-04	2.93E-04	2.81E-04	9.96E-08	3.01E-07	1.74E-07	1.78E-07	1.61E-07	7.35E-08	7.03E-08	3.32E-09	8.03E-08	1.77E-08	2.41E-08	3.83E-08	6.74E-09	3.69E-08	2.07E-07
4491	471863.09	3858877.25	2.93E-04	2.99E-04	2.86E-04	1.02E-07	3.07E-07	1.77E-07	1.81E-07	1.64E-07	7.49E-08	7.16E-08	3.39E-09	8.19E-08	1.81E-08	2.46E-08	3.90E-08	6.88E-09	3.76E-08	2.11E-07
4492	472363.09	3858877.25	3.17E-04	3.24E-04	3.09E-04	1.10E-07	3.32E-07	1.92E-07	1.96E-07	1.78E-07	8.11E-08	7.75E-08	3.67E-09	8.86E-08	1.96E-08	2.66E-08	4.22E-08	7.44E-09	4.07E-08	2.29E-07
4493	472863.09	3858877.25	3.38E-04	3.45E-04	3.30E-04	1.17E-07	3.54E-07	2.05E-07	2.09E-07	1.90E-07	8.65E-08	8.27E-08	3.92E-09	9.46E-08	2.09E-08	2.84E-08	4.51E-08	7.94E-09	4.34E-08	2.44E-07
4494	473363.09	3858877.25	3.79E-04	3.86E-04	3.70E-04	1.31E-07	3.96E-07	2.29E-07	2.34E-07	2.12E-07	9.68E-08	9.28E-08	4.38E-09	1.06E-07	2.34E-08	3.18E-08	5.04E-08	8.88E-09	4.87E-08	2.73E-07
4495	473863.09	3858877.25	3.78E-04	3.86E-04	3.68E-04	1.31E-07	3.95E-07	2.29E-07	2.34E-07	2.12E-07	9.67E-08	9.21E-08	4.37E-09	1.06E-07	2.33E-08	3.17E-08	5.03E-08	8.87E-09	4.84E-08	2.73E-07
4496	474363.09	3858877.25	3.37E-04	3.45E-04	3.25E-04	1.17E-07	3.53E-07	2.04E-07	2.09E-07	1.90E-07	8.65E-08	8.14E-08	3.90E-09	9.43E-08	2.08E-08	2.84E-08	4.50E-08	7.94E-09	4.27E-08	2.43E-07
4497	474863.09	3858877.25	1.84E-04	1.88E-04	1.78E-04	6.38E-08	1.93E-07	1.12E-07	1.14E-07	1.03E-07	4.71E-08	4.46E-08	2.13E-09	5.15E-08	1.14E-08	1.55E-08	2.45E-08	4.33E-09	2.34E-08	1.33E-07
4498	475363.09	3858877.25	1.56E-04	1.59E-04	1.53E-04	5.42E-08	1.64E-07	9.48E-08	9.65E-08	8.75E-08	3.99E-08	3.83E-08	1.81E-09	4.37E-08	9.65E-09	1.31E-08	2.08E-08	3.66E-09	2.01E-08	1.13E-07

4499	475863.09	3858877.25	1.73E-04	1.77E-04	1.69E-04	6.01E-08	1.81E-07	1.05E-07	1.07E-07	9.71E-08	4.43E-08	4.24E-08	2.01E-09	4.85E-08	1.07E-08	1.45E-08	2.31E-08	4.06E-09	2.22E-08	1.25E-07
4500	476363.09	3858877.25	1.37E-04	1.39E-04	1.35E-04	4.73E-08	1.43E-07	8.28E-08	8.40E-08	7.61E-08	3.47E-08	3.39E-08	1.58E-09	3.82E-08	8.43E-09	1.14E-08	1.81E-08	3.19E-09	1.78E-08	9.87E-08
4501	476863.09	3858877.25	1.59E-04	1.62E-04	1.57E-04	5.53E-08	1.67E-07	9.66E-08	9.81E-08	8.90E-08	4.06E-08	3.94E-08	1.85E-09	4.46E-08	9.84E-09	1.33E-08	2.11E-08	3.73E-09	2.07E-08	1.15E-07
4502	477363.09	3858877.25	1.67E-04	1.70E-04	1.65E-04	5.79E-08	1.75E-07	1.01E-07	1.03E-07	9.33E-08	4.26E-08	4.12E-08	1.93E-09	4.67E-08	1.03E-08	1.40E-08	2.22E-08	3.91E-09	2.16E-08	1.21E-07
4503	477863.09	3858877.25	1.96E-04	2.00E-04	1.92E-04	6.80E-08	2.05E-07	1.19E-07	1.21E-07	1.10E-07	5.01E-08	4.82E-08	2.27E-09	5.49E-08	1.21E-08	1.64E-08	2.61E-08	4.60E-09	2.53E-08	1.42E-07
4504	478363.09	3858877.25	3.35E-04	3.44E-04	3.20E-04	1.16E-07	3.51E-07	2.03E-07	2.08E-07	1.89E-07	8.62E-08	8.03E-08	3.88E-09	9.38E-08	2.07E-08	2.83E-08	4.49E-08	7.91E-09	4.21E-08	2.42E-07
4505	478863.09	3858877.25	3.03E-04	3.10E-04	2.91E-04	1.05E-07	3.17E-07	1.83E-07	1.88E-07	1.70E-07	7.76E-08	7.30E-08	3.50E-09	8.46E-08	1.87E-08	2.55E-08	4.04E-08	7.12E-09	3.83E-08	2.18E-07
4506	479363.09	3858877.25	2.66E-04	2.71E-04	2.58E-04	9.21E-08	2.78E-07	1.61E-07	1.64E-07	1.49E-07	6.80E-08	6.47E-08	3.07E-09	7.43E-08	1.64E-08	2.23E-08	3.54E-08	6.24E-09	3.39E-08	1.92E-07
4507	479863.09	3858877.25	9.71E-04	9.93E-04	9.39E-04	3.36E-07	1.02E-06	5.88E-07	6.02E-07	5.46E-07	2.49E-07	2.35E-07	1.12E-08	2.71E-07	5.99E-08	8.17E-08	1.30E-07	2.28E-08	1.23E-07	7.00E-07
4508	480363.09	3858877.25	1.19E-03	1.21E-03	1.16E-03	4.12E-07	1.24E-06	7.20E-07	7.36E-07	6.67E-07	3.04E-07	2.91E-07	1.38E-08	3.32E-07	7.34E-08	9.99E-08	1.59E-07	2.79E-08	1.53E-07	8.59E-07
4509	480863.09	3858877.25	1.39E-03	1.41E-03	1.36E-03	4.80E-07	1.45E-06	8.39E-07	8.56E-07	7.76E-07	3.54E-07	3.40E-07	1.60E-08	3.87E-07	8.55E-08	1.16E-07	1.84E-07	3.25E-08	1.79E-07	1.00E-06
4510	481363.09	3858877.25	1.55E-03	1.58E-03	1.52E-03	5.38E-07	1.62E-06	9.40E-07	9.59E-07	8.70E-07	3.97E-07	3.82E-07	1.80E-08	4.34E-07	9.58E-08	1.30E-07	2.07E-07	3.64E-08	2.00E-07	1.12E-06
4511	481863.09	3858877.25	1.76E-03	1.80E-03	1.73E-03	6.11E-07	1.85E-06	1.07E-06	1.09E-06	9.87E-07	4.50E-07	4.35E-07	2.04E-08	4.93E-07	1.09E-07	1.48E-07	2.35E-07	4.13E-08	2.28E-07	1.27E-06
4512	482363.09	3858877.25	1.92E-03	1.96E-03	1.89E-03	6.67E-07	2.01E-06	1.17E-06	1.19E-06	1.08E-06	4.92E-07	4.74E-07	2.23E-08	5.38E-07	1.19E-07	1.61E-07	2.56E-07	4.51E-08	2.49E-07	1.39E-06
4513	482863.09	3858877.25	2.25E-03	2.30E-03	2.22E-03	7.81E-07	2.36E-06	1.37E-06	1.39E-06	1.26E-06	5.75E-07	5.57E-07	2.61E-08	6.30E-07	1.39E-07	1.89E-07	3.00E-07	5.28E-08	2.92E-07	1.63E-06
4514	483363.09	3858877.25	3.33E-03	3.37E-03	3.35E-03	1.15E-06	3.48E-06	2.02E-06	2.04E-06	1.85E-06	8.45E-07	8.40E-07	3.85E-08	9.30E-07	2.05E-07	2.77E-07	4.40E-07	7.75E-08	4.41E-07	2.41E-06
4515	483863.09	3858877.25	3.83E-03	3.88E-03	3.88E-03	1.33E-06	4.01E-06	2.32E-06	2.35E-06	2.13E-06	9.72E-07	9.71E-07	4.44E-08	1.07E-06	2.36E-07	3.19E-07	5.06E-07	8.92E-08	5.10E-07	2.78E-06
4516	484363.09	3858877.25	4.50E-03	4.55E-03	4.57E-03	1.56E-06	4.71E-06	2.73E-06	2.76E-06	2.50E-06	1.14E-06	1.14E-06	5.21E-08	1.26E-06	2.78E-07	3.75E-07	5.94E-07	1.05E-07	6.00E-07	3.26E-06
4517	484863.09	3858877.25	5.48E-03	5.53E-03	5.58E-03	1.90E-06	5.73E-06	3.32E-06	3.35E-06	3.04E-06	1.39E-06	1.40E-06	6.34E-08	1.53E-06	3.38E-07	4.55E-07	7.22E-07	1.27E-07	7.34E-07	3.97E-06
4518	485363.09	3858877.25	7.19E-03	7.24E-03	7.38E-03	2.49E-06	7.52E-06	4.35E-06	4.39E-06	3.98E-06	1.81E-06	1.85E-06	8.32E-08	2.01E-06	4.43E-07	5.96E-07	9.45E-07	1.67E-07	9.70E-07	5.21E-06
4519	485863.09	3858877.25	1.13E-02	1.13E-02	1.17E-02	3.90E-06	1.18E-05	6.82E-06	6.86E-06	6.22E-06	2.84E-06	2.92E-06	1.30E-07	3.15E-06	6.95E-07	9.31E-07	1.48E-06	2.60E-07	1.53E-06	8.17E-06
4520	486363.09	3858877.25	5.54E-02	5.54E-02	5.82E-02	1.92E-05	5.79E-05	3.35E-05	3.36E-05	3.04E-05	1.39E-05	1.46E-05	6.41E-07	1.55E-05	3.42E-06	4.56E-06	7.23E-06	1.27E-06	7.66E-06	4.03E-05
4521	486863.09	3858877.25	8.03E-02	8.04E-02	8.46E-02	2.78E-05	8.40E-05	4.86E-05	4.87E-05	4.41E-05	2.01E-05	2.12E-05	9.29E-07	2.24E-05	4.95E-06	6.61E-06	1.05E-05	1.85E-06	1.11E-05	5.84E-05
4522	487363.09	3858877.25	8.22E-02	8.22E-02	8.65E-02	2.85E-05	8.60E-05	4.98E-05	4.98E-05	4.52E-05	2.06E-05	2.17E-05	9.51E-07	2.30E-05	5.07E-06	6.76E-06	1.07E-05	1.89E-06	1.14E-05	5.98E-05
4523	487863.09	3858877.25	4.02E-02	4.02E-02	4.22E-02	1.39E-05	4.20E-05	2.43E-05	2.44E-05	2.21E-05	1.01E-05	1.06E-05	4.65E-07	1.12E-05	2.48E-06	3.31E-06	5.25E-06	9.25E-07	5.54E-06	2.92E-05
4524	488363.09	3858877.25	6.80E-02	6.80E-02	7.15E-02	2.36E-05	7.11E-05	4.12E-05	4.12E-05	3.74E-05	1.70E-05	1.79E-05	7.87E-07	1.90E-05	4.19E-06	5.60E-06	8.88E-06	1.56E-06	9.40E-06	4.94E-05
4525	488863.09	3858877.25	3.27E-02	3.28E-02	3.43E-02	1.13E-05	3.42E-05	1.98E-05	1.99E-05	1.80E-05	8.21E-06	8.58E-06	3.78E-07	9.14E-06	2.02E-06	2.70E-06	4.28E-06	7.54E-07	4.51E-06	2.38E-05
4526	489363.09	3858877.25	2.22E-02	2.23E-02	2.32E-02	7.71E-06	2.33E-05	1.35E-05	1.35E-05	1.22E-05	5.59E-06	5.82E-06	2.57E-07	6.22E-06	1.37E-06	1.83E-06	2.91E-06	5.13E-07	3.05E-06	1.62E-05
4527	489863.09	3858877.25	1.71E-02	1.71E-02	1.78E-02	5.91E-06	1.79E-05	1.03E-05	1.04E-05	9.40E-06	4.29E-06	4.45E-06	1.97E-07	4.77E-06	1.05E-06	1.41E-06	2.23E-06	3.94E-07	2.33E-06	1.24E-05
4528	490363.09	3858877.25	1.34E-02	1.35E-02	1.39E-02	4.65E-06	1.40E-05	8.12E-06	8.16E-06	7.40E-06	3.38E-06	3.48E-06	1.55E-07	3.75E-06	8.27E-07	1.11E-06	1.76E-06	3.10E-07	1.82E-06	9.73E-06
4529	490863.09	3858877.25	1.00E-02	1.01E-02	1.03E-02	3.48E-06	1.05E-05	6.08E-06	6.12E-06	5.55E-06	2.53E-06	2.58E-06	1.16E-07	2.81E-06	6.19E-07	8.31E-07	1.32E-06	2.32E-07	1.36E-06	7.28E-06
4530	491363.09	3858877.25	7.14E-03	7.21E-03	7.27E-03	2.48E-06	7.47E-06	4.33E-06	4.37E-06	3.96E-06	1.81E-06	1.82E-06	8.27E-08	2.00E-06	4.41E-07	5.93E-07	9.41E-07	1.66E-07	9.56E-07	5.18E-06
4531	491863.09	3858877.25	5.10E-03	5.15E-03	5.17E-03	1.77E-06	5.33E-06	3.09E-06	3.12E-06	2.83E-06	1.29E-06	1.29E-06	5.90E-08	1.43E-06	3.14E-07	4.24E-07	6.72E-07	1.18E-07	6.79E-07	3.69E-06
4532	492363.09	3858877.25	5.27E-03	5.33E-03	5.33E-03	1.83E-06	5.51E-06	3.19E-06	3.23E-06	2.92E-06	1.33E-06	1.34E-06	6.10E-08	1.47E-06	3.25E-07	4.38E-07	6.95E-07	1.22E-07	7.01E-07	3.82E-06
4533	492863.09	3858877.25	5.46E-03	5.52E-03	5.53E-03	1.89E-06	5.71E-06	3.31E-06	3.34E-06	3.03E-06	1.38E-06	1.39E-06	6.32E-08	1.53E-06	3.37E-07	4.54E-07	7.20E-07	1.27E-07	7.28E-07	3.95E-06
4534	493363.09	3858877.25	4.71E-03	4.76E-03	4.75E-03	1.63E-06	4.93E-06	2.85E-06	2.88E-06	2.61E-06	1.19E-06	1.19E-06	5.45E-08	1.32E-06	2.90E-07	3.92E-07	6.21E-07	1.09E-07	6.25E-07	3.41E-06
4535	493863.09	3858877.25	3.76E-03	3.80E-03	3.78E-03	1.30E-06	3.93E-06	2.28E-06	2.30E-06	2.09E-06	9.53E-07	9.47E-07	4.35E-08	1.05E-06	2.32E-07	3.13E-07	4.96E-07	8.74E-08	4.97E-07	2.72E-06
4536	494363.09	3858877.25	3.37E-03	3.41E-03	3.38E-03	1.17E-06	3.52E-06	2.04E-06	2.07E-06	1.87E-06	8.55E-07	8.48E-07	3.90E-08	9.42E-07	2.08E-07	2.81E-07	4.45E-07	7.84E-08	4.45E-07	2.44E-06
4537	494863.09	3858877.25	2.94E-03	2.97E-03	2.95E-03	1.02E-06	3.07E-06	1.78E-06	1.80E-06	1.63E-06	7.45E-07	7.38E-07	3.40E-08	8.21E-07	1.81E-07	2.45E-07	3.88E-07	6.84E-08	3.87E-07	2.12E-06
4538	495363.09	3858877.25	2.58E-03	2.61E-03	2.58E-03	8.93E-07	2.70E-06	1.56E-06	1.58E-06	1.43E-06	6.54E-07	6.47E-07	2.98E-08	7.20E-07	1.59E-07	2.15E-07	3.41E-07	6.00E-08	3.40E-07	1.86E-06
4539	495863.09	3858877.25	2.37E-03	2.40E-03	2.37E-03	8.22E-07	2.48E-06	1.44E-06	1.46E-06	1.32E-06	6.02E-07	5.95E-07	2.75E-08	6.63E-07	1.46E-07	1.98E-07	3.14E-07	5.53E-08	3.12E-07	1.72E-06
4540	496363.09	3858877.25	2.26E-03	2.29E-03	2.26E-03	7.84E-07	2.37E-06	1.37E-06	1.39E-06	1.26E-06	5.75E-07	5.67E-07	2.62E-08	6.33E-07	1.40E-07	1.89E-07	2.99E-07	5.28E-08	2.97E-07	1.64E-06
4541	496863.09	3858877.25	2.17E-03	2.20E-03	2.16E-03	7.51E-07	2.27E-06	1.31E-06	1.33E-06	1.21E-06	5.51E-07	5.42E-07	2.51E-08	6.06E-07	1.34E-07	1.81E-07	2.87E-07	5.06E-08	2.84E-07	1.57E-06
4542	497363.09	3858877.25	2.07E-03	2.11E-03	2.07E-03	7.19E-07	2.17E-06	1.26E-06	1.28E-06	1.16E-06	5.27E-07	5.18E-07	2.40E-08	5.80E-07	1.28E-07	1.73E-07	2.75E-07	4.84E-08	2.72E-07	1.50E-06
4543	497863.09	3858877.25	2.23E-03	2.26E-03	2.22E-03	7.72E-07	2.33E-06	1.35E-06	1.37E-06	1.24E-06	5.67E-07	5.56E-07	2.58E-08	6.23E-07	1.37E-07	1.86E-07	2.95E-07	5.20E-08	2.92E-07	1.61E-06
4544	498363.09	3858877.25	2.39E-03	2.42E-03	2.38E-03	8.27E-07	2.50E-06	1.45E-06	1.47E-06	1.33E-06	6.07E-07	5.96E-07	2.76E-08	6.67E-07	1.47E-07	1.99E-07	3.16E-07	5.57E-08	3.13E-07	1.72E-06
4545	471363.09	3859377.25	2.89E-04	2.95E-04	2.82E-04	1.00E-07	3.03E-07	1.75E-07	1.79E-07	1.62E-07	7.39E-08	7.08E-08	3.35E-09	8.08E-08	1.78E-08	2.43E-08	3.85E-08	6.78E-09	3.71E-08	2.09E-07
4546	471863.09	3859377.25	3.03E-04	3.09E-04	2.96E-04	1.05E-07	3.17E-07	1.84E-07	1.87E-07	1.70E-07	7.75E-08	7.41E-08	3.51E-09	8.47E-08	1.87E-08	2.54E-08	4.04E-08	7.11E-09	3.89E-08	2.19E-07
4547	472363.09	3859377.25	3.29E-04	3.36E-04	3.22E-04	1.14E-07	3.45E-07	1.99E-07	2.04E-07	1.85E-07	8.42E-08	8.06E-08	3.81E-09	9.21E-08	2.03E-08	2.76E-08	4.38E-08	7.73E-09	4.23E-08	2.38E-07
4548	472863.09	3859377.25	3.51E-04	3.59E-04	3.43E-04	1.22E-07	3.68E-07	2.13E-07	2.17E-07	1.97E-07	8.98E-08	8.59E-08	4.07E-09	9.82E-08	2.17E-08	2.95E-08	4.68E-08	8.24E-09	4.51E-08	2.54E-07
4549	473363.09	3859377.25	3.81E-04	3.89E-04	3.72E-04	1.32E-07	3.98E-07	2.31E-07	2.35E-07	2.13E-07	9.74E-08	9.32E-08	4.41E-09	1.06E-07	2.35E-08	3.20E-08	5.07E-08	8.94E-09	4.89E-08	2.75E-07
4550	473863.09	3859377.25	3.95E-04	4.03E-04	3.85E-04	1.37E-07	4.13E-07	2.39E-07	2.44E-07	2.21E-07	1.01E-07	9.64E-08	4.57E-09	1.10E-07	2.43E-08	3.31E-08	5.26E-08	9.27E-09	5.06E-08	2.85E-07
4551	474363.09	3859377.25	3.46E-04	3.54E-04	3.33E-04	1.20E-07	3.62E-07	2.10E-07	2.14E-07	1.94E-07	8.87E-08	8.35E-08	4.00E-09	9.67E-08	2.13E-08	2.91E-08	4.62E-08	8.14E-09	4.38E-08	2.49E-07

4552	474863.09	3859377.25	2.57E-04	2.63E-04	2.46E-04	8.90E-08	2.69E-07	1.56E-07	1.60E-07	1.45E-07	6.60E-08	6.16E-08	2.97E-09	7.18E-08	1.58E-08	2.17E-08	3.44E-08	6.06E-09	3.23E-08	1.85E-07
4553	475363.09	3859377.25	1.85E-04	1.89E-04	1.78E-04	6.40E-08	1.93E-07	1.12E-07	1.14E-07	1.04E-07	4.73E-08	4.47E-08	2.14E-09	5.16E-08	1.14E-08	1.55E-08	2.46E-08	4.34E-09	2.35E-08	1.33E-07
4554	475863.09	3859377.25	1.44E-04	1.47E-04	1.42E-04	5.00E-08	1.51E-07	8.74E-08	8.89E-08	8.06E-08	3.68E-08	3.55E-08	1.67E-09	4.03E-08	8.90E-09	1.21E-08	1.91E-08	3.37E-09	1.86E-08	1.04E-07
4555	476363.09	3859377.25	1.38E-04	1.41E-04	1.36E-04	4.80E-08	1.45E-07	8.39E-08	8.53E-08	7.73E-08	3.53E-08	3.42E-08	1.60E-09	3.87E-08	8.54E-09	1.16E-08	1.84E-08	3.24E-09	1.79E-08	9.99E-08
4556	476863.09	3859377.25	1.26E-04	1.28E-04	1.25E-04	4.38E-08	1.32E-07	7.65E-08	7.76E-08	7.04E-08	3.21E-08	3.14E-08	1.46E-09	3.53E-08	7.79E-09	1.05E-08	1.67E-08	2.95E-09	1.65E-08	9.12E-08
4557	477363.09	3859377.25	1.36E-04	1.38E-04	1.35E-04	4.71E-08	1.42E-07	8.24E-08	8.36E-08	7.58E-08	3.46E-08	3.37E-08	1.57E-09	3.80E-08	8.39E-09	1.14E-08	1.80E-08	3.17E-09	1.77E-08	9.82E-08
4558	477863.09	3859377.25	2.02E-04	2.06E-04	1.96E-04	7.01E-08	2.12E-07	1.22E-07	1.25E-07	1.13E-07	5.17E-08	4.92E-08	2.34E-09	5.65E-08	1.25E-08	1.70E-08	2.69E-08	4.75E-09	2.58E-08	1.46E-07
4559	478363.09	3859377.25	2.92E-04	3.00E-04	2.80E-04	1.01E-07	3.06E-07	1.77E-07	1.82E-07	1.65E-07	7.51E-08	7.01E-08	3.38E-09	8.18E-08	1.80E-08	2.47E-08	3.91E-08	6.90E-09	3.68E-08	2.11E-07
4560	478863.09	3859377.25	4.53E-04	4.65E-04	4.28E-04	1.57E-07	4.74E-07	2.74E-07	2.82E-07	2.56E-07	1.17E-07	1.07E-07	5.24E-09	1.27E-07	2.79E-08	3.83E-08	6.07E-08	1.07E-08	5.63E-08	3.26E-07
4561	479363.09	3859377.25	6.36E-04	6.53E-04	6.05E-04	2.20E-07	6.65E-07	3.85E-07	3.96E-07	3.59E-07	1.64E-07	1.52E-07	7.36E-09	1.78E-07	3.92E-08	5.37E-08	8.52E-08	1.50E-08	7.95E-08	4.58E-07
4562	479863.09	3859377.25	8.40E-04	8.60E-04	8.09E-04	2.91E-07	8.79E-07	5.09E-07	5.21E-07	4.72E-07	2.16E-07	2.03E-07	9.72E-09	2.35E-07	5.18E-08	7.07E-08	1.12E-07	1.98E-08	1.06E-07	6.05E-07
4563	480363.09	3859377.25	1.09E-03	1.11E-03	1.06E-03	3.77E-07	1.14E-06	6.60E-07	6.74E-07	6.11E-07	2.79E-07	2.67E-07	1.26E-08	3.04E-07	6.72E-08	9.14E-08	1.45E-07	2.56E-08	1.40E-07	7.86E-07
4564	480863.09	3859377.25	1.30E-03	1.33E-03	1.29E-03	4.52E-07	1.37E-06	7.90E-07	8.05E-07	7.30E-07	3.33E-07	3.22E-07	1.51E-08	3.65E-07	8.05E-08	1.09E-07	1.73E-07	3.06E-08	1.69E-07	9.43E-07
4565	481363.09	3859377.25	1.50E-03	1.53E-03	1.48E-03	5.19E-07	1.57E-06	9.08E-07	9.24E-07	8.38E-07	3.82E-07	3.71E-07	1.73E-08	4.19E-07	9.24E-08	1.25E-07	1.99E-07	3.51E-08	1.95E-07	1.08E-06
4566	481863.09	3859377.25	1.70E-03	1.73E-03	1.68E-03	5.88E-07	1.78E-06	1.03E-06	1.05E-06	9.48E-07	4.33E-07	4.21E-07	1.96E-08	4.74E-07	1.05E-07	1.42E-07	2.25E-07	3.97E-08	2.21E-07	1.23E-06
4567	482363.09	3859377.25	1.87E-03	1.91E-03	1.86E-03	6.49E-07	1.96E-06	1.14E-06	1.15E-06	1.05E-06	4.78E-07	4.66E-07	2.17E-08	5.24E-07	1.16E-07	1.57E-07	2.49E-07	4.38E-08	2.44E-07	1.35E-06
4568	482863.09	3859377.25	2.19E-03	2.23E-03	2.18E-03	7.60E-07	2.29E-06	1.33E-06	1.35E-06	1.22E-06	5.58E-07	5.47E-07	2.54E-08	6.13E-07	1.35E-07	1.83E-07	2.91E-07	5.12E-08	2.87E-07	1.59E-06
4569	483363.09	3859377.25	2.76E-03	2.79E-03	2.77E-03	9.56E-07	2.89E-06	1.67E-06	1.69E-06	1.53E-06	7.00E-07	6.95E-07	3.19E-08	7.71E-07	1.70E-07	2.30E-07	3.65E-07	6.43E-08	3.65E-07	2.00E-06
4570	483863.09	3859377.25	3.31E-03	3.35E-03	3.35E-03	1.15E-06	3.46E-06	2.00E-06	2.03E-06	1.84E-06	8.38E-07	8.39E-07	3.83E-08	9.25E-07	2.04E-07	2.75E-07	4.37E-07	7.69E-08	4.40E-07	2.40E-06
4571	484363.09	3859377.25	3.87E-03	3.91E-03	3.93E-03	1.34E-06	4.04E-06	2.34E-06	2.37E-06	2.14E-06	9.79E-07	9.84E-07	4.47E-08	1.08E-06	2.38E-07	3.21E-07	5.10E-07	8.98E-08	5.17E-07	2.80E-06
4572	484863.09	3859377.25	4.65E-03	4.69E-03	4.74E-03	1.61E-06	4.86E-06	2.82E-06	2.84E-06	2.58E-06	1.18E-06	1.19E-06	5.38E-08	1.30E-06	2.87E-07	3.86E-07	6.12E-07	1.08E-07	6.24E-07	3.37E-06
4573	485363.09	3859377.25	5.92E-03	5.96E-03	6.08E-03	2.05E-06	6.19E-06	3.58E-06	3.61E-06	3.27E-06	1.49E-06	1.52E-06	6.85E-08	1.65E-06	3.65E-07	4.90E-07	7.78E-07	1.37E-07	8.00E-07	4.29E-06
4574	485863.09	3859377.25	8.23E-03	8.27E-03	8.52E-03	2.85E-06	8.61E-06	4.98E-06	5.01E-06	4.54E-06	2.07E-06	2.14E-06	9.52E-08	2.30E-06	5.08E-07	6.80E-07	1.08E-06	1.90E-07	1.12E-06	5.97E-06
4575	486363.09	3859377.25	1.33E-02	1.34E-02	1.39E-02	4.62E-06	1.40E-05	8.08E-06	8.11E-06	7.35E-06	3.35E-06	3.49E-06	1.54E-07	3.73E-06	8.23E-07	1.10E-06	1.75E-06	3.08E-07	1.83E-06	9.69E-06
4576	486863.09	3859377.25	5.32E-02	5.33E-02	5.61E-02	1.85E-05	5.57E-05	3.23E-05	3.23E-05	2.93E-05	1.34E-05	1.40E-05	6.16E-07	1.49E-05	3.28E-06	4.38E-06	6.95E-06	1.23E-06	7.37E-06	3.87E-05
4577	487363.09	3859377.25	6.96E-02	6.96E-02	7.33E-02	2.41E-05	7.28E-05	4.21E-05	4.22E-05	3.82E-05	1.74E-05	1.84E-05	8.05E-07	1.95E-05	4.29E-06	5.73E-06	9.08E-06	1.60E-06	9.64E-06	5.06E-05
4578	487863.09	3859377.25	7.46E-02	7.46E-02	7.85E-02	2.58E-05	7.80E-05	4.52E-05	4.52E-05	4.10E-05	1.87E-05	1.97E-05	8.63E-07	2.08E-05	4.60E-06	6.14E-06	9.73E-06	1.72E-06	1.03E-05	5.42E-05
4579	488363.09	3859377.25	8.73E-02	8.74E-02	9.20E-02	3.03E-05	9.14E-05	5.29E-05	5.29E-05	4.80E-05	2.19E-05	2.31E-05	1.01E-06	2.44E-05	5.39E-06	7.19E-06	1.14E-05	2.01E-06	1.21E-05	6.35E-05
4580	488863.09	3859377.25	5.76E-02	5.76E-02	6.06E-02	1.99E-05	6.02E-05	3.49E-05	3.49E-05	3.16E-05	1.44E-05	1.52E-05	6.66E-07	1.61E-05	3.55E-06	4.74E-06	7.52E-06	1.32E-06	7.96E-06	4.19E-05
4581	489363.09	3859377.25	2.87E-02	2.88E-02	3.01E-02	9.95E-06	3.00E-05	1.74E-05	1.74E-05	1.58E-05	7.21E-06	7.54E-06	3.32E-07	8.02E-06	1.77E-06	2.37E-06	3.75E-06	6.61E-07	3.96E-06	2.09E-05
4582	489863.09	3859377.25	2.00E-02	2.01E-02	2.09E-02	6.94E-06	2.09E-05	1.21E-05	1.22E-05	1.10E-05	5.03E-06	5.25E-06	2.32E-07	5.60E-06	1.23E-06	1.65E-06	2.62E-06	4.61E-07	2.75E-06	1.45E-05
4583	490363.09	3859377.25	1.51E-02	1.52E-02	1.58E-02	5.24E-06	1.58E-05	9.16E-06	9.19E-06	8.33E-06	3.80E-06	3.95E-06	1.75E-07	4.23E-06	9.33E-07	1.25E-06	1.98E-06	3.49E-07	2.07E-06	1.10E-05
4584	490863.09	3859377.25	1.10E-02	1.10E-02	1.14E-02	3.81E-06	1.15E-05	6.66E-06	6.69E-06	6.06E-06	2.77E-06	2.86E-06	1.27E-07	3.07E-06	6.78E-07	9.08E-07	1.44E-06	2.54E-07	1.50E-06	7.98E-06
4585	491363.09	3859377.25	7.05E-03	7.10E-03	7.24E-03	2.44E-06	7.37E-06	4.27E-06	4.30E-06	3.90E-06	1.78E-06	1.81E-06	8.15E-08	1.97E-06	4.35E-07	5.84E-07	9.26E-07	1.63E-07	9.52E-07	5.11E-06
4586	491863.09	3859377.25	7.49E-03	7.55E-03	7.71E-03	2.60E-06	7.84E-06	4.54E-06	4.57E-06	4.14E-06	1.89E-06	1.93E-06	8.67E-08	2.10E-06	4.62E-07	6.21E-07	9.85E-07	1.74E-07	1.01E-06	5.44E-06
4587	492363.09	3859377.25	6.67E-03	6.72E-03	6.84E-03	2.31E-06	6.98E-06	4.04E-06	4.07E-06	3.69E-06	1.68E-06	1.71E-06	7.72E-08	1.86E-06	4.11E-07	5.53E-07	8.77E-07	1.54E-07	8.99E-07	4.83E-06
4588	492863.09	3859377.25	6.10E-03	6.15E-03	6.24E-03	2.11E-06	6.38E-06	3.69E-06	3.72E-06	3.37E-06	1.54E-06	1.56E-06	7.06E-08	1.70E-06	3.76E-07	5.05E-07	8.02E-07	1.41E-07	8.21E-07	4.42E-06
4589	493363.09	3859377.25	5.15E-03	5.20E-03	5.26E-03	1.79E-06	5.39E-06	3.12E-06	3.15E-06	2.85E-06	1.30E-06	1.32E-06	5.96E-08	1.44E-06	3.18E-07	4.28E-07	6.78E-07	1.20E-07	6.91E-07	3.73E-06
4590	493863.09	3859377.25	4.70E-03	4.74E-03	4.78E-03	1.63E-06	4.92E-06	2.85E-06	2.87E-06	2.60E-06	1.19E-06	1.20E-06	5.44E-08	1.31E-06	2.90E-07	3.90E-07	6.19E-07	1.09E-07	6.29E-07	3.40E-06
4591	494363.09	3859377.25	4.14E-03	4.18E-03	4.20E-03	1.43E-06	4.33E-06	2.51E-06	2.53E-06	2.30E-06	1.05E-06	1.05E-06	4.79E-08	1.16E-06	2.55E-07	3.44E-07	5.45E-07	9.61E-08	5.52E-07	3.00E-06
4592	494863.09	3859377.25	3.41E-03	3.45E-03	3.45E-03	1.18E-06	3.57E-06	2.07E-06	2.09E-06	1.90E-06	8.65E-07	8.65E-07	3.95E-08	9.54E-07	2.11E-07	2.84E-07	4.50E-07	7.94E-08	4.54E-07	2.47E-06
4593	495363.09	3859377.25	3.15E-03	3.18E-03	3.17E-03	1.09E-06	3.29E-06	1.91E-06	1.93E-06	1.75E-06	7.97E-07	7.95E-07	3.64E-08	8.79E-07	1.94E-07	2.62E-07	4.15E-07	7.32E-08	4.17E-07	2.28E-06
4594	495863.09	3859377.25	2.83E-03	2.86E-03	2.85E-03	9.79E-07	2.96E-06	1.71E-06	1.73E-06	1.57E-06	7.17E-07	7.13E-07	3.27E-08	7.90E-07	1.74E-07	2.35E-07	3.73E-07	6.58E-08	3.74E-07	2.05E-06
4595	496363.09	3859377.25	2.71E-03	2.75E-03	2.73E-03	9.40E-07	2.84E-06	1.64E-06	1.66E-06	1.51E-06	6.88E-07	6.84E-07	3.14E-08	7.58E-07	1.67E-07	2.26E-07	3.58E-07	6.32E-08	3.59E-07	1.96E-06
4596	496863.09	3859377.25	2.39E-03	2.42E-03	2.39E-03	8.27E-07	2.50E-06	1.45E-06	1.46E-06	1.33E-06	6.06E-07	6.00E-07	2.76E-08	6.67E-07	1.47E-07	1.99E-07	3.15E-07	5.56E-08	3.15E-07	1.73E-06
4597	497363.09	3859377.25	2.41E-03	2.44E-03	2.41E-03	8.34E-07	2.52E-06	1.46E-06	1.48E-06	1.34E-06	6.11E-07	6.04E-07	2.78E-08	6.72E-07	1.48E-07	2.00E-07	3.18E-07	5.60E-08	3.17E-07	1.74E-06
4598	497863.09	3859377.25	2.54E-03	2.58E-03	2.55E-03	8.81E-07	2.66E-06	1.54E-06	1.56E-06	1.41E-06	6.45E-07	6.40E-07	2.94E-08	7.11E-07	1.57E-07	2.12E-07	3.36E-07	5.92E-08	3.36E-07	1.84E-06
4599	498363.09	3859377.25	2.61E-03	2.64E-03	2.62E-03	9.04E-07	2.73E-06	1.58E-06	1.60E-06	1.45E-06	6.62E-07	6.57E-07	3.02E-08	7.29E-07	1.61E-07	2.17E-07	3.45E-07	6.07E-08	3.45E-07	1.89E-06
4600	471363.09	3859877.25	3.02E-04	3.08E-04	2.95E-04	1.05E-07	3.16E-07	1.83E-07	1.87E-07	1.69E-07	7.72E-08	7.40E-08	3.50E-09	8.44E-08	1.86E-08	2.53E-08	4.02E-08	7.09E-09	3.89E-08	2.18E-07
4601	471863.09	3859877.25	3.20E-04	3.26E-04	3.13E-04	1.11E-07	3.35E-07	1.94E-07	1.98E-07	1.79E-07	8.18E-08	7.84E-08	3.70E-09	8.94E-08	1.97E-08	2.68E-08	4.26E-08	7.50E-09	4.11E-08	2.31E-07
4602	472363.09	3859877.25	3.34E-04	3.41E-04	3.27E-04	1.16E-07	3.50E-07	2.03E-07	2.07E-07	1.87E-07	8.55E-08	8.19E-08	3.87E-09	9.35E-08	2.06E-08	2.81E-08	4.45E-08	7.85E-09	4.30E-08	2.41E-07
4603	472863.09	3859877.25	3.63E-04	3.70E-04	3.55E-04	1.26E-07	3.80E-07	2.20E-07	2.24E-07	2.03E-07	9.28E-08	8.90E-08	4.20E-09	1.01E-07	2.24E-08	3.05E-08	4.83E-08	8.52E-09	4.67E-08	2.62E-07
4604	473363.09	3859877.25	3.93E-04	4.01E-04	3.85E-04	1.36E-07	4.11E-07	2.38E-07	2.43E-07	2.20E-07	1.00E-07	9.64E-08	4.55E-09	1.10E-07	2.42E-08	3.30E-08	5.23E-08	9.21E-09	5.06E-08	2.84E-07

4605	473863.09	3859877.25	4.17E-04	4.25E-04	4.08E-04	1.44E-07	4.36E-07	2.53E-07	2.58E-07	2.34E-07	1.07E-07	1.02E-07	4.82E-09	1.17E-07	2.57E-08	3.50E-08	5.55E-08	9.78E-09	5.37E-08	3.01E-07
4606	474363.09	3859877.25	3.80E-04	3.89E-04	3.69E-04	1.32E-07	3.98E-07	2.30E-07	2.36E-07	2.13E-07	9.74E-08	9.24E-08	4.40E-09	1.06E-07	2.35E-08	3.20E-08	5.07E-08	8.94E-09	4.85E-08	2.74E-07
4607	474863.09	3859877.25	3.22E-04	3.30E-04	3.09E-04	1.12E-07	3.37E-07	1.95E-07	2.00E-07	1.81E-07	8.27E-08	7.74E-08	3.73E-09	9.00E-08	1.99E-08	2.71E-08	4.31E-08	7.59E-09	4.06E-08	2.32E-07
4608	475363.09	3859877.25	2.10E-04	2.15E-04	2.01E-04	7.26E-08	2.19E-07	1.27E-07	1.30E-07	1.18E-07	5.38E-08	5.03E-08	2.42E-09	5.86E-08	1.29E-08	1.77E-08	2.80E-08	4.94E-09	2.64E-08	1.51E-07
4609	475863.09	3859877.25	1.37E-04	1.39E-04	1.34E-04	4.74E-08	1.43E-07	8.28E-08	8.43E-08	7.64E-08	3.49E-08	3.35E-08	1.58E-09	3.82E-08	8.43E-09	1.14E-08	1.82E-08	3.20E-09	1.76E-08	9.86E-08
4610	476363.09	3859877.25	1.05E-04	1.07E-04	1.04E-04	3.65E-08	1.10E-07	6.38E-08	6.46E-08	5.86E-08	2.67E-08	2.62E-08	1.22E-09	2.94E-08	6.49E-09	8.78E-09	1.39E-08	2.45E-09	1.37E-08	7.60E-08
4611	476863.09	3859877.25	1.19E-04	1.21E-04	1.18E-04	4.12E-08	1.24E-07	7.20E-08	7.30E-08	6.62E-08	3.02E-08	2.95E-08	1.38E-09	3.32E-08	7.33E-09	9.92E-09	1.57E-08	2.77E-09	1.55E-08	8.58E-08
4612	477363.09	3859877.25	1.28E-04	1.29E-04	1.26E-04	4.42E-08	1.34E-07	7.73E-08	7.84E-08	7.11E-08	3.24E-08	3.16E-08	1.48E-09	3.57E-08	7.87E-09	1.06E-08	1.69E-08	2.98E-09	1.66E-08	9.21E-08
4613	477863.09	3859877.25	1.86E-04	1.89E-04	1.81E-04	6.44E-08	1.94E-07	1.13E-07	1.15E-07	1.04E-07	4.75E-08	4.52E-08	2.15E-09	5.19E-08	1.15E-08	1.56E-08	2.47E-08	4.36E-09	2.37E-08	1.34E-07
4614	478363.09	3859877.25	2.92E-04	3.00E-04	2.79E-04	1.01E-07	3.06E-07	1.77E-07	1.82E-07	1.65E-07	7.51E-08	7.00E-08	3.38E-09	8.17E-08	1.80E-08	2.47E-08	3.91E-08	6.89E-09	3.67E-08	2.11E-07
4615	478863.09	3859877.25	4.60E-04	4.72E-04	4.37E-04	1.59E-07	4.81E-07	2.79E-07	2.86E-07	2.59E-07	1.18E-07	1.10E-07	5.32E-09	1.29E-07	2.84E-08	3.88E-08	6.16E-08	1.09E-08	5.75E-08	3.31E-07
4616	479363.09	3859877.25	6.70E-04	6.87E-04	6.44E-04	2.32E-07	7.01E-07	4.06E-07	4.16E-07	3.77E-07	1.72E-07	1.61E-07	7.76E-09	1.87E-07	4.13E-08	5.65E-08	8.96E-08	1.58E-08	8.47E-08	4.83E-07
4617	479863.09	3859877.25	8.70E-04	8.89E-04	8.48E-04	3.02E-07	9.10E-07	5.27E-07	5.38E-07	4.88E-07	2.23E-07	2.12E-07	1.01E-08	2.43E-07	5.37E-08	7.31E-08	1.16E-07	2.04E-08	1.11E-07	6.28E-07
4618	480363.09	3859877.25	1.09E-03	1.11E-03	1.08E-03	3.79E-07	1.14E-06	6.63E-07	6.75E-07	6.12E-07	2.79E-07	2.70E-07	1.27E-08	3.06E-07	6.75E-08	9.17E-08	1.45E-07	2.56E-08	1.42E-07	7.91E-07
4619	480863.09	3859877.25	1.27E-03	1.30E-03	1.26E-03	4.42E-07	1.33E-06	7.72E-07	7.86E-07	7.12E-07	3.25E-07	3.17E-07	1.48E-08	3.56E-07	7.86E-08	1.07E-07	1.69E-07	2.98E-08	1.66E-07	9.22E-07
4620	481363.09	3859877.25	1.44E-03	1.46E-03	1.43E-03	4.99E-07	1.51E-06	8.73E-07	8.87E-07	8.04E-07	3.67E-07	3.59E-07	1.67E-08	4.03E-07	8.89E-08	1.20E-07	1.91E-07	3.37E-08	1.88E-07	1.04E-06
4621	481863.09	3859877.25	1.61E-03	1.63E-03	1.60E-03	5.57E-07	1.68E-06	9.73E-07	9.88E-07	8.96E-07	4.09E-07	4.01E-07	1.86E-08	4.49E-07	9.91E-08	1.34E-07	2.13E-07	3.75E-08	2.11E-07	1.16E-06
4622	482363.09	3859877.25	1.80E-03	1.83E-03	1.80E-03	6.25E-07	1.89E-06	1.09E-06	1.11E-06	1.00E-06	4.59E-07	4.51E-07	2.09E-08	5.04E-07	1.11E-07	1.51E-07	2.39E-07	4.21E-08	2.37E-07	1.30E-06
4623	482863.09	3859877.25	2.04E-03	2.07E-03	2.04E-03	7.07E-07	2.13E-06	1.24E-06	1.25E-06	1.14E-06	5.18E-07	5.12E-07	2.36E-08	5.70E-07	1.26E-07	1.70E-07	2.70E-07	4.76E-08	2.68E-07	1.48E-06
4624	483363.09	3859877.25	2.32E-03	2.36E-03	2.33E-03	8.05E-07	2.43E-06	1.41E-06	1.43E-06	1.29E-06	5.90E-07	5.85E-07	2.69E-08	6.50E-07	1.43E-07	1.94E-07	3.07E-07	5.42E-08	3.07E-07	1.68E-06
4625	483863.09	3859877.25	2.87E-03	2.90E-03	2.91E-03	9.94E-07	3.00E-06	1.74E-06	1.76E-06	1.59E-06	7.27E-07	7.28E-07	3.32E-08	8.02E-07	1.77E-07	2.39E-07	3.79E-07	6.67E-08	3.82E-07	2.08E-06
4626	484363.09	3859877.25	3.31E-03	3.34E-03	3.36E-03	1.15E-06	3.46E-06	2.00E-06	2.02E-06	1.83E-06	8.37E-07	8.43E-07	3.83E-08	9.24E-07	2.04E-07	2.75E-07	4.36E-07	7.68E-08	4.42E-07	2.40E-06
4627	484863.09	3859877.25	3.89E-03	3.92E-03	3.97E-03	1.35E-06	4.07E-06	2.35E-06	2.37E-06	2.15E-06	9.82E-07	9.95E-07	4.50E-08	1.09E-06	2.40E-07	3.22E-07	5.11E-07	9.01E-08	5.22E-07	2.82E-06
4628	485363.09	3859877.25	4.71E-03	4.74E-03	4.84E-03	1.63E-06	4.93E-06	2.85E-06	2.87E-06	2.60E-06	1.19E-06	1.21E-06	5.45E-08	1.32E-06	2.90E-07	3.90E-07	6.19E-07	1.09E-07	6.37E-07	3.42E-06
4629	485863.09	3859877.25	5.96E-03	6.00E-03	6.17E-03	2.07E-06	6.24E-06	3.61E-06	3.63E-06	3.29E-06	1.50E-06	1.55E-06	6.90E-08	1.67E-06	3.68E-07	4.93E-07	7.82E-07	1.38E-07	8.11E-07	4.33E-06
4630	486363.09	3859877.25	7.69E-03	7.72E-03	8.00E-03	2.67E-06	8.05E-06	4.66E-06	4.68E-06	4.24E-06	1.94E-06	2.00E-06	8.90E-08	2.15E-06	4.74E-07	6.35E-07	1.01E-06	1.78E-07	1.05E-06	5.59E-06
4631	486863.09	3859877.25	1.02E-02	1.02E-02	1.07E-02	3.54E-06	1.07E-05	6.18E-06	6.20E-06	5.62E-06	2.57E-06	2.67E-06	1.18E-07	2.85E-06	6.30E-07	8.42E-07	1.34E-06	2.36E-07	1.40E-06	7.42E-06
4632	487363.09	3859877.25	1.50E-02	1.50E-02	1.57E-02	5.19E-06	1.57E-05	9.07E-06	9.09E-06	8.24E-06	3.76E-06	3.93E-06	1.73E-07	4.18E-06	9.23E-07	1.23E-06	1.96E-06	3.45E-07	2.06E-06	1.09E-05
4633	487863.09	3859877.25	6.21E-02	6.22E-02	6.55E-02	2.15E-05	6.50E-05	3.76E-05	3.77E-05	3.41E-05	1.56E-05	1.64E-05	7.19E-07	1.74E-05	3.83E-06	5.11E-06	8.11E-06	1.43E-06	8.61E-06	4.52E-05
4634	488363.09	3859877.25	7.69E-02	7.70E-02	8.11E-02	2.67E-05	8.05E-05	4.66E-05	4.66E-05	4.23E-05	1.93E-05	2.03E-05	8.90E-07	2.15E-05	4.75E-06	6.33E-06	1.00E-05	1.77E-06	1.07E-05	5.59E-05
4635	488863.09	3859877.25	3.37E-02	3.37E-02	3.54E-02	1.17E-05	3.52E-05	2.04E-05	2.04E-05	1.85E-05	8.44E-06	8.86E-06	3.89E-07	9.41E-06	2.08E-06	2.77E-06	4.40E-06	7.75E-07	4.65E-06	2.45E-05
4636	489363.09	3859877.25	2.44E-02	2.44E-02	2.56E-02	8.45E-06	2.55E-05	1.48E-05	1.48E-05	1.34E-05	6.12E-06	6.41E-06	2.82E-07	6.81E-06	1.50E-06	2.01E-06	3.19E-06	5.61E-07	3.36E-06	1.77E-05
4637	489863.09	3859877.25	1.91E-02	1.91E-02	2.00E-02	6.61E-06	1.99E-05	1.15E-05	1.16E-05	1.05E-05	4.79E-06	5.00E-06	2.21E-07	5.33E-06	1.18E-06	1.57E-06	2.49E-06	4.39E-07	2.63E-06	1.39E-05
4638	490363.09	3859877.25	1.55E-02	1.55E-02	1.62E-02	5.36E-06	1.62E-05	9.37E-06	9.40E-06	8.52E-06	3.89E-06	4.06E-06	1.79E-07	4.33E-06	9.54E-07	1.28E-06	2.02E-06	3.57E-07	2.13E-06	1.12E-05
4639	490863.09	3859877.25	1.24E-02	1.24E-02	1.29E-02	4.30E-06	1.30E-05	7.51E-06	7.53E-06	6.83E-06	3.11E-06	3.24E-06	1.43E-07	3.46E-06	7.65E-07	1.02E-06	1.62E-06	2.86E-07	1.70E-06	9.00E-06
4640	491363.09	3859877.25	1.04E-02	1.04E-02	1.09E-02	3.61E-06	1.09E-05	6.31E-06	6.33E-06	5.74E-06	2.62E-06	2.72E-06	1.21E-07	2.91E-06	6.42E-07	8.59E-07	1.36E-06	2.40E-07	1.43E-06	7.56E-06
4641	491863.09	3859877.25	8.80E-03	8.84E-03	9.14E-03	3.05E-06	9.21E-06	5.33E-06	5.35E-06	4.85E-06	2.21E-06	2.29E-06	1.02E-07	2.46E-06	5.43E-07	7.27E-07	1.15E-06	2.03E-07	1.20E-06	6.39E-06
4642	492363.09	3859877.25	7.59E-03	7.63E-03	7.85E-03	2.63E-06	7.94E-06	4.60E-06	4.62E-06	4.19E-06	1.91E-06	1.97E-06	8.78E-08	2.12E-06	4.68E-07	6.27E-07	9.95E-07	1.75E-07	1.03E-06	5.51E-06
4643	492863.09	3859877.25	6.43E-03	6.47E-03	6.63E-03	2.23E-06	6.73E-06	3.90E-06	3.92E-06	3.55E-06	1.62E-06	1.66E-06	7.44E-08	1.80E-06	3.97E-07	5.32E-07	8.45E-07	1.49E-07	8.72E-07	4.67E-06
4644	493363.09	3859877.25	5.65E-03	5.69E-03	5.81E-03	1.96E-06	5.91E-06	3.42E-06	3.45E-06	3.13E-06	1.43E-06	1.46E-06	6.54E-08	1.58E-06	3.49E-07	4.68E-07	7.43E-07	1.31E-07	7.64E-07	4.10E-06
4645	493863.09	3859877.25	5.02E-03	5.06E-03	5.15E-03	1.74E-06	5.25E-06	3.04E-06	3.06E-06	2.78E-06	1.27E-06	1.29E-06	5.81E-08	1.40E-06	3.10E-07	4.16E-07	6.60E-07	1.16E-07	6.77E-07	3.64E-06
4646	494363.09	3859877.25	4.39E-03	4.43E-03	4.49E-03	1.52E-06	4.59E-06	2.66E-06	2.68E-06	2.43E-06	1.11E-06	1.13E-06	5.08E-08	1.23E-06	2.71E-07	3.64E-07	5.78E-07	1.02E-07	5.91E-07	3.18E-06
4647	494863.09	3859877.25	4.02E-03	4.06E-03	4.10E-03	1.39E-06	4.21E-06	2.43E-06	2.46E-06	2.23E-06	1.02E-06	1.03E-06	4.65E-08	1.12E-06	2.48E-07	3.34E-07	5.29E-07	9.33E-08	5.40E-07	2.91E-06
4648	495363.09	3859877.25	3.61E-03	3.65E-03	3.68E-03	1.25E-06	3.78E-06	2.19E-06	2.21E-06	2.00E-06	9.14E-07	9.22E-07	4.18E-08	1.01E-06	2.23E-07	3.00E-07	4.76E-07	8.39E-08	4.84E-07	2.62E-06
4649	495863.09	3859877.25	3.24E-03	3.28E-03	3.30E-03	1.12E-06	3.40E-06	1.97E-06	1.99E-06	1.80E-06	8.21E-07	8.26E-07	3.76E-08	9.07E-07	2.00E-07	2.70E-07	4.28E-07	7.54E-08	4.33E-07	2.35E-06
4650	496363.09	3859877.25	2.79E-03	2.83E-03	2.83E-03	9.69E-07	2.92E-06	1.69E-06	1.71E-06	1.55E-06	7.08E-07	7.08E-07	3.23E-08	7.81E-07	1.72E-07	2.32E-07	3.69E-07	6.50E-08	3.72E-07	2.02E-06
4651	496863.09	3859877.25	2.08E-03	2.10E-03	2.10E-03	7.21E-07	2.18E-06	1.26E-06	1.28E-06	1.16E-06	5.27E-07	5.25E-07	2.41E-08	5.81E-07	1.28E-07	1.73E-07	2.75E-07	4.84E-08	2.76E-07	1.51E-06
4652	497363.09	3859877.25	2.38E-03	2.40E-03	2.39E-03	8.23E-07	2.49E-06	1.44E-06	1.46E-06	1.32E-06	6.02E-07	6.00E-07	2.75E-08	6.64E-07	1.47E-07	1.98E-07	3.14E-07	5.53E-08	3.15E-07	1.72E-06
4653	497863.09	3859877.25	2.61E-03	2.64E-03	2.64E-03	9.05E-07	2.73E-06	1.58E-06	1.60E-06	1.45E-06	6.62E-07	6.62E-07	3.02E-08	7.30E-07	1.61E-07	2.17E-07	3.45E-07	6.07E-08	3.47E-07	1.89E-06
4654	498363.09	3859877.25	2.65E-03	2.68E-03	2.68E-03	9.18E-07	2.77E-06	1.60E-06	1.62E-06	1.47E-06	6.71E-07	6.72E-07	3.06E-08	7.40E-07	1.63E-07	2.20E-07	3.49E-07	6.16E-08	3.52E-07	1.92E-06
4655	471363.09	3860377.25	3.15E-04	3.21E-04	3.09E-04	1.09E-07	3.29E-07	1.91E-07	1.94E-07	1.76E-07	8.04E-08	7.73E-08	3.64E-09	8.80E-08	1.94E-08	2.64E-08	4.19E-08	7.38E-09	4.06E-08	2.27E-07
4656	471863.09	3860377.25	3.33E-04	3.40E-04	3.26E-04	1.15E-07	3.48E-07	2.02E-07	2.06E-07	1.86E-07	8.51E-08	8.18E-08	3.85E-09	9.31E-08	2.05E-08	2.79E-08	4.43E-08	7.81E-09	4.29E-08	2.40E-07
4657	472363.09	3860377.25	3.57E-04	3.64E-04	3.50E-04	1.24E-07	3.74E-07	2.16E-07	2.21E-07	2.00E-07	9.12E-08	8.78E-08	4.13E-09	9.98E-08	2.20E-08	2.99E-08	4.75E-08	8.37E-09	4.61E-08	2.58E-07

4658	472863.09	3860377.25	3.86E-04	3.94E-04	3.79E-04	1.34E-07	4.04E-07	2.34E-07	2.38E-07	2.16E-07	9.86E-08	9.51E-08	4.47E-09	1.08E-07	2.38E-08	3.24E-08	5.14E-08	9.05E-09	4.99E-08	2.79E-07
4659	473363.09	3860377.25	4.13E-04	4.21E-04	4.06E-04	1.43E-07	4.32E-07	2.50E-07	2.55E-07	2.31E-07	1.05E-07	1.02E-07	4.78E-09	1.15E-07	2.55E-08	3.46E-08	5.49E-08	9.67E-09	5.33E-08	2.98E-07
4660	473863.09	3860377.25	4.32E-04	4.41E-04	4.24E-04	1.50E-07	4.52E-07	2.62E-07	2.67E-07	2.42E-07	1.10E-07	1.06E-07	5.00E-09	1.21E-07	2.67E-08	3.63E-08	5.75E-08	1.01E-08	5.58E-08	3.12E-07
4661	474363.09	3860377.25	4.29E-04	4.38E-04	4.18E-04	1.49E-07	4.49E-07	2.60E-07	2.65E-07	2.40E-07	1.10E-07	1.05E-07	4.96E-09	1.20E-07	2.64E-08	3.60E-08	5.71E-08	1.01E-08	5.49E-08	3.09E-07
4662	474863.09	3860377.25	4.14E-04	4.24E-04	4.00E-04	1.44E-07	4.34E-07	2.51E-07	2.57E-07	2.33E-07	1.06E-07	1.00E-07	4.80E-09	1.16E-07	2.56E-08	3.49E-08	5.53E-08	9.75E-09	5.26E-08	2.99E-07
4663	475363.09	3860377.25	3.62E-04	3.71E-04	3.46E-04	1.25E-07	3.79E-07	2.19E-07	2.25E-07	2.04E-07	9.30E-08	8.68E-08	4.19E-09	1.01E-07	2.23E-08	3.05E-08	4.84E-08	8.53E-09	4.55E-08	2.61E-07
4664	475863.09	3860377.25	3.00E-04	3.08E-04	2.85E-04	1.04E-07	3.14E-07	1.82E-07	1.86E-07	1.69E-07	7.71E-08	7.15E-08	3.47E-09	8.38E-08	1.85E-08	2.53E-08	4.01E-08	7.07E-09	3.75E-08	2.16E-07
4665	476363.09	3860377.25	2.40E-04	2.46E-04	2.29E-04	8.30E-08	2.51E-07	1.45E-07	1.49E-07	1.35E-07	6.15E-08	5.73E-08	2.77E-09	6.70E-08	1.48E-08	2.02E-08	3.20E-08	5.65E-09	3.01E-08	1.72E-07
4666	476863.09	3860377.25	2.22E-04	2.28E-04	2.13E-04	7.70E-08	2.33E-07	1.35E-07	1.38E-07	1.25E-07	5.70E-08	5.33E-08	2.57E-09	6.21E-08	1.37E-08	1.87E-08	2.97E-08	5.23E-09	2.80E-08	1.60E-07
4667	477363.09	3860377.25	1.62E-04	1.65E-04	1.58E-04	5.60E-08	1.69E-07	9.79E-08	9.97E-08	9.04E-08	4.12E-08	3.95E-08	1.87E-09	4.52E-08	9.96E-09	1.35E-08	2.15E-08	3.78E-09	2.07E-08	1.16E-07
4668	477863.09	3860377.25	1.92E-04	1.96E-04	1.86E-04	6.67E-08	2.01E-07	1.17E-07	1.19E-07	1.08E-07	4.92E-08	4.67E-08	2.23E-09	5.38E-08	1.19E-08	1.62E-08	2.56E-08	4.52E-09	2.45E-08	1.39E-07
4669	478363.09	3860377.25	3.17E-04	3.25E-04	3.02E-04	1.10E-07	3.32E-07	1.92E-07	1.97E-07	1.79E-07	8.15E-08	7.57E-08	3.67E-09	8.86E-08	1.96E-08	2.67E-08	4.24E-08	7.48E-09	3.97E-08	2.28E-07
4670	478863.09	3860377.25	4.50E-04	4.62E-04	4.29E-04	1.56E-07	4.71E-07	2.73E-07	2.80E-07	2.54E-07	1.16E-07	1.07E-07	5.21E-09	1.26E-07	2.78E-08	3.80E-08	6.03E-08	1.06E-08	5.64E-08	3.24E-07
4671	479363.09	3860377.25	6.37E-04	6.52E-04	6.15E-04	2.21E-07	6.66E-07	3.86E-07	3.95E-07	3.58E-07	1.63E-07	1.54E-07	7.37E-09	1.78E-07	3.93E-08	5.36E-08	8.50E-08	1.50E-08	8.08E-08	4.59E-07
4672	479863.09	3860377.25	8.61E-04	8.78E-04	8.45E-04	2.98E-07	9.01E-07	5.21E-07	5.32E-07	4.82E-07	2.20E-07	2.12E-07	9.96E-09	2.41E-07	5.31E-08	7.22E-08	1.15E-07	2.02E-08	1.11E-07	6.22E-07
4673	480363.09	3860377.25	1.06E-03	1.08E-03	1.05E-03	3.69E-07	1.11E-06	6.44E-07	6.55E-07	5.94E-07	2.71E-07	2.64E-07	1.23E-08	2.97E-07	6.56E-08	8.90E-08	1.41E-07	2.49E-08	1.39E-07	7.69E-07
4674	480863.09	3860377.25	1.22E-03	1.24E-03	1.22E-03	4.23E-07	1.28E-06	7.40E-07	7.52E-07	6.81E-07	3.11E-07	3.05E-07	1.41E-08	3.41E-07	7.54E-08	1.02E-07	1.62E-07	2.85E-08	1.60E-07	8.84E-07
4675	481363.09	3860377.25	1.36E-03	1.38E-03	1.36E-03	4.70E-07	1.42E-06	8.22E-07	8.34E-07	7.56E-07	3.45E-07	3.40E-07	1.57E-08	3.79E-07	8.37E-08	1.13E-07	1.80E-07	3.17E-08	1.78E-07	9.82E-07
4676	481863.09	3860377.25	1.53E-03	1.55E-03	1.53E-03	5.31E-07	1.60E-06	9.27E-07	9.41E-07	8.53E-07	3.89E-07	3.84E-07	1.77E-08	4.28E-07	9.44E-08	1.28E-07	2.03E-07	3.57E-08	2.02E-07	1.11E-06
4677	482363.09	3860377.25	1.69E-03	1.71E-03	1.69E-03	5.85E-07	1.77E-06	1.02E-06	1.04E-06	9.41E-07	4.29E-07	4.24E-07	1.96E-08	4.72E-07	1.04E-07	1.41E-07	2.24E-07	3.94E-08	2.23E-07	1.22E-06
4678	482863.09	3860377.25	1.86E-03	1.88E-03	1.87E-03	6.44E-07	1.94E-06	1.13E-06	1.14E-06	1.03E-06	4.72E-07	4.67E-07	2.15E-08	5.19E-07	1.15E-07	1.55E-07	2.46E-07	4.33E-08	2.45E-07	1.34E-06
4679	483363.09	3860377.25	2.14E-03	2.17E-03	2.16E-03	7.42E-07	2.24E-06	1.30E-06	1.31E-06	1.19E-06	5.44E-07	5.41E-07	2.48E-08	5.99E-07	1.32E-07	1.78E-07	2.83E-07	4.99E-08	2.84E-07	1.55E-06
4680	483863.09	3860377.25	2.39E-03	2.42E-03	2.42E-03	8.29E-07	2.50E-06	1.45E-06	1.47E-06	1.33E-06	6.07E-07	6.06E-07	2.77E-08	6.69E-07	1.48E-07	1.99E-07	3.16E-07	5.57E-08	3.18E-07	1.73E-06
4681	484363.09	3860377.25	2.80E-03	2.82E-03	2.84E-03	9.69E-07	2.93E-06	1.69E-06	1.71E-06	1.55E-06	7.08E-07	7.13E-07	3.24E-08	7.81E-07	1.72E-07	2.32E-07	3.68E-07	6.49E-08	3.74E-07	2.03E-06
4682	484863.09	3860377.25	3.21E-03	3.24E-03	3.28E-03	1.11E-06	3.36E-06	1.94E-06	1.96E-06	1.78E-06	8.11E-07	8.21E-07	3.71E-08	8.96E-07	1.98E-07	2.66E-07	4.22E-07	7.44E-08	4.31E-07	2.33E-06
4683	485363.09	3860377.25	3.75E-03	3.77E-03	3.85E-03	1.30E-06	3.92E-06	2.27E-06	2.29E-06	2.07E-06	9.45E-07	9.65E-07	4.33E-08	1.05E-06	2.31E-07	3.10E-07	4.92E-07	8.68E-08	5.06E-07	2.72E-06
4684	485863.09	3860377.25	4.50E-03	4.53E-03	4.65E-03	1.56E-06	4.71E-06	2.73E-06	2.74E-06	2.49E-06	1.13E-06	1.17E-06	5.21E-08	1.26E-06	2.78E-07	3.72E-07	5.91E-07	1.04E-07	6.12E-07	3.27E-06
4685	486363.09	3860377.25	5.45E-03	5.47E-03	5.65E-03	1.89E-06	5.70E-06	3.30E-06	3.32E-06	3.01E-06	1.37E-06	1.42E-06	6.30E-08	1.52E-06	3.36E-07	4.50E-07	7.14E-07	1.26E-07	7.43E-07	3.96E-06
4686	486863.09	3860377.25	6.86E-03	6.88E-03	7.14E-03	2.38E-06	7.18E-06	4.15E-06	4.17E-06	3.78E-06	1.73E-06	1.79E-06	7.94E-08	1.92E-06	4.23E-07	5.66E-07	8.98E-07	1.58E-07	9.39E-07	4.98E-06
4687	487363.09	3860377.25	1.05E-02	1.06E-02	1.10E-02	3.65E-06	1.10E-05	6.38E-06	6.39E-06	5.79E-06	2.64E-06	2.76E-06	1.22E-07	2.94E-06	6.49E-07	8.68E-07	1.38E-06	2.43E-07	1.45E-06	7.65E-06
4688	487863.09	3860377.25	5.25E-02	5.25E-02	5.53E-02	1.82E-05	5.49E-05	3.18E-05	3.18E-05	2.88E-05	1.31E-05	1.38E-05	6.07E-07	1.47E-05	3.24E-06	4.32E-06	6.85E-06	1.21E-06	7.27E-06	3.81E-05
4689	488363.09	3860377.25	7.47E-02	7.47E-02	7.88E-02	2.59E-05	7.82E-05	4.53E-05	4.53E-05	4.10E-05	1.87E-05	1.97E-05	8.65E-07	2.09E-05	4.61E-06	6.15E-06	9.75E-06	1.72E-06	1.04E-05	5.43E-05
4690	488863.09	3860377.25	8.16E-02	8.16E-02	8.60E-02	2.83E-05	8.53E-05	4.94E-05	4.94E-05	4.48E-05	2.04E-05	2.15E-05	9.44E-07	2.28E-05	5.03E-06	6.71E-06	1.06E-05	1.88E-06	1.13E-05	5.93E-05
4691	489363.09	3860377.25	3.67E-02	3.67E-02	3.86E-02	1.27E-05	3.84E-05	2.22E-05	2.22E-05	2.02E-05	9.20E-06	9.67E-06	4.24E-07	1.03E-05	2.26E-06	3.02E-06	4.79E-06	8.44E-07	5.08E-06	2.67E-05
4692	489863.09	3860377.25	1.92E-02	1.92E-02	2.01E-02	6.65E-06	2.01E-05	1.16E-05	1.16E-05	1.06E-05	4.82E-06	5.05E-06	2.22E-07	5.37E-06	1.18E-06	1.58E-06	2.51E-06	4.42E-07	2.65E-06	1.40E-05
4693	490363.09	3860377.25	1.36E-02	1.37E-02	1.43E-02	4.73E-06	1.43E-05	8.26E-06	8.28E-06	7.51E-06	3.43E-06	3.58E-06	1.58E-07	3.81E-06	8.41E-07	1.12E-06	1.78E-06	3.14E-07	1.88E-06	9.91E-06
4694	490863.09	3860377.25	1.07E-02	1.08E-02	1.12E-02	3.72E-06	1.12E-05	6.50E-06	6.52E-06	5.91E-06	2.70E-06	2.81E-06	1.24E-07	3.00E-06	6.62E-07	8.86E-07	1.40E-06	2.48E-07	1.48E-06	7.80E-06
4695	491363.09	3860377.25	8.85E-03	8.87E-03	9.23E-03	3.07E-06	9.26E-06	5.36E-06	5.38E-06	4.87E-06	2.22E-06	2.31E-06	1.02E-07	2.47E-06	5.46E-07	7.30E-07	1.16E-06	2.04E-07	1.21E-06	6.43E-06
4696	491863.09	3860377.25	7.58E-03	7.61E-03	7.90E-03	2.63E-06	7.94E-06	4.59E-06	4.61E-06	4.18E-06	1.91E-06	1.98E-06	8.78E-08	2.12E-06	4.68E-07	6.26E-07	9.93E-07	1.75E-07	1.04E-06	5.51E-06
4697	492363.09	3860377.25	6.66E-03	6.69E-03	6.92E-03	2.31E-06	6.97E-06	4.03E-06	4.05E-06	3.67E-06	1.68E-06	1.73E-06	7.71E-08	1.86E-06	4.11E-07	5.50E-07	8.73E-07	1.54E-07	9.10E-07	4.84E-06
4698	492863.09	3860377.25	5.92E-03	5.95E-03	6.13E-03	2.05E-06	6.19E-06	3.59E-06	3.60E-06	3.27E-06	1.49E-06	1.54E-06	6.85E-08	1.65E-06	3.65E-07	4.89E-07	7.76E-07	1.37E-07	8.06E-07	4.30E-06
4699	493363.09	3860377.25	5.26E-03	5.30E-03	5.43E-03	1.82E-06	5.51E-06	3.19E-06	3.21E-06	2.91E-06	1.33E-06	1.36E-06	6.09E-08	1.47E-06	3.25E-07	4.36E-07	6.91E-07	1.22E-07	7.15E-07	3.82E-06
4700	493863.09	3860377.25	4.82E-03	4.85E-03	4.96E-03	1.67E-06	5.04E-06	2.92E-06	2.94E-06	2.66E-06	1.21E-06	1.24E-06	5.57E-08	1.35E-06	2.97E-07	3.99E-07	6.33E-07	1.11E-07	6.52E-07	3.49E-06
4701	494363.09	3860377.25	4.34E-03	4.38E-03	4.46E-03	1.51E-06	4.55E-06	2.63E-06	2.65E-06	2.40E-06	1.10E-06	1.12E-06	5.03E-08	1.21E-06	2.68E-07	3.60E-07	5.71E-07	1.01E-07	5.87E-07	3.15E-06
4702	494863.09	3860377.25	4.03E-03	4.06E-03	4.13E-03	1.40E-06	4.22E-06	2.44E-06	2.46E-06	2.23E-06	1.02E-06	1.04E-06	4.66E-08	1.13E-06	2.49E-07	3.34E-07	5.30E-07	9.34E-08	5.44E-07	2.92E-06
4703	495363.09	3860377.25	3.67E-03	3.70E-03	3.76E-03	1.27E-06	3.84E-06	2.22E-06	2.24E-06	2.03E-06	9.27E-07	9.41E-07	4.25E-08	1.03E-06	2.26E-07	3.04E-07	4.83E-07	8.50E-08	4.94E-07	2.66E-06
4704	495863.09	3860377.25	3.20E-03	3.23E-03	3.27E-03	1.11E-06	3.35E-06	1.94E-06	1.96E-06	1.77E-06	8.09E-07	8.18E-07	3.70E-08	8.95E-07	1.97E-07	2.66E-07	4.21E-07	7.43E-08	4.30E-07	2.32E-06
4705	496363.09	3860377.25	2.77E-03	2.80E-03	2.82E-03	9.61E-07	2.90E-06	1.68E-06	1.70E-06	1.54E-06	7.01E-07	7.06E-07	3.21E-08	7.75E-07	1.71E-07	2.30E-07	3.65E-07	6.44E-08	3.70E-07	2.01E-06
4706	496863.09	3860377.25	2.45E-03	2.47E-03	2.48E-03	8.48E-07	2.56E-06	1.48E-06	1.50E-06	1.36E-06	6.20E-07	6.21E-07	2.83E-08	6.84E-07	1.51E-07	2.04E-07	3.23E-07	5.69E-08	3.26E-07	1.77E-06
4707	497363.09	3860377.25	2.11E-03	2.14E-03	2.13E-03	7.32E-07	2.21E-06	1.28E-06	1.29E-06	1.17E-06	5.36E-07	5.34E-07	2.45E-08	5.91E-07	1.30E-07	1.76E-07	2.79E-07	4.92E-08	2.80E-07	1.53E-06
4708	497863.09	3860377.25	2.32E-03	2.35E-03	2.35E-03	8.06E-07	2.43E-06	1.41E-06	1.42E-06	1.29E-06	5.89E-07	5.90E-07	2.69E-08	6.50E-07	1.43E-07	1.93E-07	3.07E-07	5.40E-08	3.09E-07	1.68E-06
4709	498363.09	3860377.25	2.43E-03	2.46E-03	2.47E-03	8.43E-07	2.54E-06	1.47E-06	1.49E-06	1.35E-06	6.16E-07	6.18E-07	2.81E-08	6.80E-07	1.50E-07	2.02E-07	3.21E-07	5.65E-08	3.24E-07	1.76E-06
4710	471363.09	3860877.25	3.31E-04	3.38E-04	3.26E-04	1.15E-07	3.47E-07	2.01E-07	2.05E-07	1.85E-07	8.46E-08	8.16E-08	3.83E-09	9.26E-08	2.04E-08	2.78E-08	4.41E-08	7.76E-09	4.28E-08	2.39E-07

4711	471863.09	3860877.25	3.52E-04	3.59E-04	3.46E-04	1.22E-07	3.69E-07	2.13E-07	2.17E-07	1.97E-07	8.99E-08	8.68E-08	4.08E-09	9.85E-08	2.17E-08	2.95E-08	4.68E-08	8.25E-09	4.56E-08	2.54E-07
4712	472363.09	3860877.25	3.73E-04	3.80E-04	3.67E-04	1.29E-07	3.90E-07	2.26E-07	2.30E-07	2.09E-07	9.52E-08	9.19E-08	4.32E-09	1.04E-07	2.30E-08	3.13E-08	4.96E-08	8.74E-09	4.82E-08	2.69E-07
4713	472863.09	3860877.25	3.98E-04	4.06E-04	3.92E-04	1.38E-07	4.17E-07	2.41E-07	2.46E-07	2.23E-07	1.02E-07	9.81E-08	4.61E-09	1.11E-07	2.46E-08	3.34E-08	5.30E-08	9.34E-09	5.15E-08	2.88E-07
4714	473363.09	3860877.25	4.19E-04	4.27E-04	4.11E-04	1.45E-07	4.38E-07	2.54E-07	2.58E-07	2.34E-07	1.07E-07	1.03E-07	4.84E-09	1.17E-07	2.58E-08	3.51E-08	5.57E-08	9.81E-09	5.40E-08	3.02E-07
4715	473863.09	3860877.25	4.37E-04	4.46E-04	4.28E-04	1.52E-07	4.58E-07	2.65E-07	2.70E-07	2.45E-07	1.12E-07	1.07E-07	5.06E-09	1.22E-07	2.70E-08	3.67E-08	5.82E-08	1.03E-08	5.63E-08	3.16E-07
4716	474363.09	3860877.25	4.52E-04	4.62E-04	4.42E-04	1.57E-07	4.73E-07	2.74E-07	2.80E-07	2.53E-07	1.16E-07	1.11E-07	5.23E-09	1.26E-07	2.79E-08	3.80E-08	6.02E-08	1.06E-08	5.81E-08	3.27E-07
4717	474863.09	3860877.25	4.74E-04	4.84E-04	4.63E-04	1.64E-07	4.97E-07	2.87E-07	2.93E-07	2.66E-07	1.21E-07	1.16E-07	5.49E-09	1.33E-07	2.93E-08	3.98E-08	6.32E-08	1.11E-08	6.09E-08	3.42E-07
4718	475363.09	3860877.25	4.67E-04	4.77E-04	4.54E-04	1.62E-07	4.88E-07	2.83E-07	2.89E-07	2.62E-07	1.19E-07	1.14E-07	5.40E-09	1.30E-07	2.88E-08	3.92E-08	6.22E-08	1.10E-08	5.97E-08	3.37E-07
4719	475863.09	3860877.25	4.34E-04	4.44E-04	4.19E-04	1.50E-07	4.54E-07	2.63E-07	2.69E-07	2.44E-07	1.11E-07	1.05E-07	5.02E-09	1.21E-07	2.68E-08	3.65E-08	5.79E-08	1.02E-08	5.51E-08	3.13E-07
4720	476363.09	3860877.25	3.82E-04	3.91E-04	3.67E-04	1.32E-07	4.00E-07	2.31E-07	2.37E-07	2.15E-07	9.80E-08	9.19E-08	4.42E-09	1.07E-07	2.36E-08	3.22E-08	5.11E-08	9.00E-09	4.82E-08	2.75E-07
4721	476863.09	3860877.25	3.63E-04	3.72E-04	3.47E-04	1.26E-07	3.80E-07	2.20E-07	2.25E-07	2.04E-07	9.33E-08	8.70E-08	4.20E-09	1.02E-07	2.24E-08	3.06E-08	4.86E-08	8.56E-09	4.57E-08	2.61E-07
4722	477363.09	3860877.25	3.72E-04	3.81E-04	3.55E-04	1.29E-07	3.89E-07	2.25E-07	2.31E-07	2.09E-07	9.55E-08	8.89E-08	4.30E-09	1.04E-07	2.29E-08	3.13E-08	4.97E-08	8.76E-09	4.67E-08	2.68E-07
4723	477863.09	3860877.25	3.23E-04	3.31E-04	3.07E-04	1.12E-07	3.38E-07	1.96E-07	2.01E-07	1.82E-07	8.30E-08	7.70E-08	3.74E-09	9.03E-08	1.99E-08	2.73E-08	4.32E-08	7.62E-09	4.04E-08	2.32E-07
4724	478363.09	3860877.25	2.19E-04	2.24E-04	2.11E-04	7.60E-08	2.29E-07	1.33E-07	1.36E-07	1.23E-07	5.62E-08	5.28E-08	2.54E-09	6.13E-08	1.35E-08	1.84E-08	2.93E-08	5.16E-09	2.77E-08	1.58E-07
4725	478863.09	3860877.25	4.19E-04	4.30E-04	4.00E-04	1.45E-07	4.39E-07	2.54E-07	2.61E-07	2.36E-07	1.08E-07	1.00E-07	4.85E-09	1.17E-07	2.59E-08	3.54E-08	5.61E-08	9.89E-09	5.26E-08	3.02E-07
4726	479363.09	3860877.25	6.24E-04	6.38E-04	6.06E-04	2.16E-07	6.53E-07	3.78E-07	3.86E-07	3.50E-07	1.60E-07	1.52E-07	7.22E-09	1.74E-07	3.85E-08	5.25E-08	8.32E-08	1.47E-08	7.97E-08	4.50E-07
4727	479863.09	3860877.25	8.34E-04	8.49E-04	8.24E-04	2.89E-07	8.73E-07	5.05E-07	5.14E-07	4.66E-07	2.13E-07	2.06E-07	9.65E-09	2.33E-07	5.15E-08	6.98E-08	1.11E-07	1.95E-08	1.08E-07	6.03E-07
4728	480363.09	3860877.25	1.02E-03	1.04E-03	1.02E-03	3.54E-07	1.07E-06	6.19E-07	6.28E-07	5.70E-07	2.60E-07	2.55E-07	1.18E-08	2.86E-07	6.30E-08	8.53E-08	1.35E-07	2.38E-08	1.34E-07	7.39E-07
4729	480863.09	3860877.25	1.15E-03	1.17E-03	1.15E-03	4.00E-07	1.21E-06	6.99E-07	7.09E-07	6.43E-07	2.93E-07	2.89E-07	1.34E-08	3.23E-07	7.12E-08	9.63E-08	1.53E-07	2.69E-08	1.52E-07	8.35E-07
4730	481363.09	3860877.25	1.30E-03	1.32E-03	1.30E-03	4.50E-07	1.36E-06	7.86E-07	7.97E-07	7.22E-07	3.30E-07	3.26E-07	1.50E-08	3.63E-07	8.00E-08	1.08E-07	1.72E-07	3.02E-08	1.71E-07	9.39E-07
4731	481863.09	3860877.25	1.42E-03	1.44E-03	1.42E-03	4.92E-07	1.49E-06	8.60E-07	8.72E-07	7.90E-07	3.61E-07	3.57E-07	1.64E-08	3.97E-07	8.75E-08	1.18E-07	1.88E-07	3.31E-08	1.87E-07	1.03E-06
4732	482363.09	3860877.25	1.58E-03	1.60E-03	1.59E-03	5.49E-07	1.66E-06	9.59E-07	9.72E-07	8.81E-07	4.02E-07	3.99E-07	1.83E-08	4.43E-07	9.77E-08	1.32E-07	2.09E-07	3.69E-08	2.09E-07	1.15E-06
4733	482863.09	3860877.25	1.73E-03	1.75E-03	1.74E-03	6.00E-07	1.81E-06	1.05E-06	1.06E-06	9.63E-07	4.39E-07	4.37E-07	2.00E-08	4.84E-07	1.07E-07	1.44E-07	2.29E-07	4.03E-08	2.29E-07	1.25E-06
4734	483363.09	3860877.25	1.89E-03	1.92E-03	1.91E-03	6.56E-07	1.98E-06	1.15E-06	1.16E-06	1.05E-06	4.80E-07	4.78E-07	2.19E-08	5.29E-07	1.17E-07	1.58E-07	2.50E-07	4.40E-08	2.51E-07	1.37E-06
4735	483863.09	3860877.25	2.08E-03	2.11E-03	2.11E-03	7.22E-07	2.18E-06	1.26E-06	1.28E-06	1.16E-06	5.28E-07	5.28E-07	2.41E-08	5.82E-07	1.28E-07	1.73E-07	2.75E-07	4.85E-08	2.77E-07	1.51E-06
4736	484363.09	3860877.25	2.37E-03	2.40E-03	2.41E-03	8.22E-07	2.48E-06	1.44E-06	1.45E-06	1.32E-06	6.01E-07	6.04E-07	2.75E-08	6.63E-07	1.46E-07	1.97E-07	3.13E-07	5.51E-08	3.17E-07	1.72E-06
4737	484863.09	3860877.25	2.68E-03	2.71E-03	2.75E-03	9.30E-07	2.81E-06	1.63E-06	1.64E-06	1.49E-06	6.79E-07	6.88E-07	3.11E-08	7.50E-07	1.66E-07	2.23E-07	3.53E-07	6.23E-08	3.61E-07	1.95E-06
4738	485363.09	3860877.25	3.06E-03	3.08E-03	3.14E-03	1.06E-06	3.20E-06	1.85E-06	1.86E-06	1.69E-06	7.71E-07	7.87E-07	3.54E-08	8.54E-07	1.88E-07	2.53E-07	4.02E-07	7.08E-08	4.13E-07	2.22E-06
4739	485863.09	3860877.25	3.52E-03	3.54E-03	3.63E-03	1.22E-06	3.68E-06	2.13E-06	2.15E-06	1.94E-06	8.87E-07	9.09E-07	4.07E-08	9.83E-07	2.17E-07	2.91E-07	4.62E-07	8.14E-08	4.77E-07	2.55E-06
4740	486363.09	3860877.25	4.04E-03	4.07E-03	4.19E-03	1.40E-06	4.23E-06	2.45E-06	2.46E-06	2.23E-06	1.02E-06	1.05E-06	4.68E-08	1.13E-06	2.49E-07	3.34E-07	5.30E-07	9.35E-08	5.51E-07	2.94E-06
4741	486863.09	3860877.25	4.85E-03	4.87E-03	5.04E-03	1.68E-06	5.07E-06	2.94E-06	2.95E-06	2.67E-06	1.22E-06	1.26E-06	5.61E-08	1.36E-06	2.99E-07	4.01E-07	6.35E-07	1.12E-07	6.62E-07	3.52E-06
4742	487363.09	3860877.25	6.22E-03	6.25E-03	6.49E-03	2.16E-06	6.51E-06	3.77E-06	3.78E-06	3.43E-06	1.56E-06	1.63E-06	7.20E-08	1.74E-06	3.84E-07	5.14E-07	8.15E-07	1.44E-07	8.53E-07	4.52E-06
4743	487863.09	3860877.25	7.88E-03	7.90E-03	8.23E-03	2.73E-06	8.24E-06	4.77E-06	4.79E-06	4.34E-06	1.98E-06	2.06E-06	9.12E-08	2.20E-06	4.86E-07	6.50E-07	1.03E-06	1.82E-07	1.08E-06	5.72E-06
4744	488363.09	3860877.25	9.85E-03	9.87E-03	1.03E-02	3.41E-06	1.03E-05	5.96E-06	5.98E-06	5.42E-06	2.47E-06	2.58E-06	1.14E-07	2.75E-06	6.07E-07	8.12E-07	1.29E-06	2.27E-07	1.36E-06	7.16E-06
4745	488863.09	3860877.25	1.05E-02	1.05E-02	1.10E-02	3.62E-06	1.09E-05	6.33E-06	6.35E-06	5.75E-06	2.63E-06	2.74E-06	1.21E-07	2.92E-06	6.45E-07	8.62E-07	1.37E-06	2.41E-07	1.44E-06	7.60E-06
4746	489363.09	3860877.25	1.04E-02	1.04E-02	1.09E-02	3.60E-06	1.09E-05	6.29E-06	6.31E-06	5.72E-06	2.61E-06	2.73E-06	1.20E-07	2.90E-06	6.41E-07	8.57E-07	1.36E-06	2.39E-07	1.43E-06	7.55E-06
4747	489863.09	3860877.25	9.27E-03	9.30E-03	9.70E-03	3.21E-06	9.70E-06	5.62E-06	5.63E-06	5.11E-06	2.33E-06	2.43E-06	1.07E-07	2.59E-06	5.72E-07	7.65E-07	1.21E-06	2.14E-07	1.28E-06	6.74E-06
4748	490363.09	3860877.25	8.18E-03	8.20E-03	8.54E-03	2.83E-06	8.56E-06	4.96E-06	4.97E-06	4.51E-06	2.06E-06	2.14E-06	9.47E-08	2.29E-06	5.05E-07	6.75E-07	1.07E-06	1.89E-07	1.12E-06	5.94E-06
4749	490863.09	3860877.25	7.18E-03	7.21E-03	7.48E-03	2.49E-06	7.51E-06	4.35E-06	4.37E-06	3.96E-06	1.81E-06	1.87E-06	8.31E-08	2.01E-06	4.43E-07	5.93E-07	9.40E-07	1.66E-07	9.84E-07	5.22E-06
4750	491363.09	3860877.25	6.39E-03	6.41E-03	6.65E-03	2.21E-06	6.68E-06	3.87E-06	3.88E-06	3.52E-06	1.61E-06	1.67E-06	7.39E-08	1.79E-06	3.94E-07	5.27E-07	8.37E-07	1.47E-07	8.74E-07	4.64E-06
4751	491863.09	3860877.25	5.75E-03	5.77E-03	5.98E-03	1.99E-06	6.01E-06	3.48E-06	3.50E-06	3.17E-06	1.45E-06	1.50E-06	6.65E-08	1.61E-06	3.55E-07	4.75E-07	7.53E-07	1.33E-07	7.86E-07	4.17E-06
4752	492363.09	3860877.25	5.10E-03	5.13E-03	5.30E-03	1.77E-06	5.34E-06	3.09E-06	3.10E-06	2.81E-06	1.28E-06	1.33E-06	5.91E-08	1.43E-06	3.15E-07	4.22E-07	6.69E-07	1.18E-07	6.97E-07	3.71E-06
4753	492863.09	3860877.25	4.68E-03	4.70E-03	4.85E-03	1.62E-06	4.90E-06	2.84E-06	2.85E-06	2.58E-06	1.18E-06	1.22E-06	5.42E-08	1.31E-06	2.89E-07	3.87E-07	6.14E-07	1.08E-07	6.38E-07	3.40E-06
4754	493363.09	3860877.25	4.36E-03	4.38E-03	4.51E-03	1.51E-06	4.56E-06	2.64E-06	2.65E-06	2.41E-06	1.10E-06	1.13E-06	5.04E-08	1.22E-06	2.69E-07	3.60E-07	5.72E-07	1.01E-07	5.93E-07	3.16E-06
4755	493863.09	3860877.25	4.02E-03	4.05E-03	4.15E-03	1.39E-06	4.21E-06	2.44E-06	2.45E-06	2.22E-06	1.01E-06	1.04E-06	4.66E-08	1.12E-06	2.48E-07	3.33E-07	5.28E-07	9.31E-08	5.46E-07	2.92E-06
4756	494363.09	3860877.25	3.74E-03	3.77E-03	3.85E-03	1.30E-06	3.92E-06	2.27E-06	2.28E-06	2.07E-06	9.44E-07	9.65E-07	4.33E-08	1.05E-06	2.31E-07	3.10E-07	4.92E-07	8.67E-08	5.07E-07	2.72E-06
4757	494863.09	3860877.25	3.50E-03	3.53E-03	3.60E-03	1.21E-06	3.66E-06	2.12E-06	2.14E-06	1.94E-06	8.84E-07	9.01E-07	4.05E-08	9.79E-07	2.16E-07	2.90E-07	4.60E-07	8.11E-08	4.73E-07	2.54E-06
4758	495363.09	3860877.25	3.28E-03	3.30E-03	3.36E-03	1.14E-06	3.43E-06	1.98E-06	2.00E-06	1.81E-06	8.28E-07	8.42E-07	3.79E-08	9.16E-07	2.02E-07	2.72E-07	4.31E-07	7.59E-08	4.42E-07	2.38E-06
4759	495863.09	3860877.25	3.07E-03	3.10E-03	3.15E-03	1.07E-06	3.22E-06	1.86E-06	1.88E-06	1.70E-06	7.77E-07	7.89E-07	3.56E-08	8.59E-07	1.90E-07	2.55E-07	4.04E-07	7.13E-08	4.14E-07	2.23E-06
4760	496363.09	3860877.25	2.87E-03	2.89E-03	2.93E-03	9.94E-07	3.00E-06	1.74E-06	1.75E-06	1.59E-06	7.25E-07	7.35E-07	3.32E-08	8.02E-07	1.77E-07	2.38E-07	3.78E-07	6.66E-08	3.86E-07	2.08E-06
4761	496863.09	3860877.25	2.54E-03	2.57E-03	2.59E-03	8.81E-07	2.66E-06	1.54E-06	1.55E-06	1.41E-06	6.43E-07	6.49E-07	2.94E-08	7.11E-07	1.57E-07	2.11E-07	3.35E-07	5.90E-08	3.41E-07	1.84E-06
4762	497363.09	3860877.25	2.41E-03	2.43E-03	2.45E-03	8.35E-07	2.52E-06	1.46E-06	1.47E-06	1.34E-06	6.09E-07	6.14E-07	2.79E-08	6.73E-07	1.49E-07	2.00E-07	3.17E-07	5.59E-08	3.22E-07	1.75E-06
4763	497863.09	3860877.25	2.24E-03	2.27E-03	2.28E-03	7.77E-07	2.35E-06	1.36E-06	1.37E-06	1.24E-06	5.68E-07	5.71E-07	2.59E-08	6.27E-07	1.38E-07	1.86E-07	2.96E-07	5.21E-08	3.00E-07	1.62E-06

4764	498363.09	3860877.25	2.24E-03	2.26E-03	2.27E-03	7.75E-07	2.34E-06	1.36E-06	1.37E-06	1.24E-06	5.66E-07	5.70E-07	2.59E-08	6.25E-07	1.38E-07	1.86E-07	2.95E-07	5.20E-08	2.99E-07	1.62E-06
4765	471363.09	3861377.25	3.46E-04	3.52E-04	3.41E-04	1.20E-07	3.62E-07	2.10E-07	2.13E-07	1.93E-07	8.82E-08	8.54E-08	4.00E-09	9.67E-08	2.13E-08	2.90E-08	4.60E-08	8.10E-09	4.48E-08	2.50E-07
4766	471863.09	3861377.25	3.64E-04	3.70E-04	3.58E-04	1.26E-07	3.80E-07	2.20E-07	2.24E-07	2.03E-07	9.28E-08	8.96E-08	4.21E-09	1.02E-07	2.24E-08	3.05E-08	4.83E-08	8.51E-09	4.70E-08	2.63E-07
4767	472363.09	3861377.25	3.82E-04	3.89E-04	3.75E-04	1.32E-07	4.00E-07	2.31E-07	2.36E-07	2.14E-07	9.75E-08	9.40E-08	4.42E-09	1.07E-07	2.36E-08	3.20E-08	5.08E-08	8.95E-09	4.93E-08	2.76E-07
4768	472863.09	3861377.25	4.04E-04	4.12E-04	3.97E-04	1.40E-07	4.23E-07	2.45E-07	2.50E-07	2.26E-07	1.03E-07	9.95E-08	4.68E-09	1.13E-07	2.49E-08	3.39E-08	5.38E-08	9.48E-09	5.22E-08	2.92E-07
4769	473363.09	3861377.25	4.25E-04	4.33E-04	4.17E-04	1.47E-07	4.44E-07	2.57E-07	2.62E-07	2.38E-07	1.08E-07	1.04E-07	4.91E-09	1.19E-07	2.62E-08	3.56E-08	5.65E-08	9.95E-09	5.48E-08	3.07E-07
4770	473863.09	3861377.25	4.41E-04	4.49E-04	4.32E-04	1.53E-07	4.61E-07	2.67E-07	2.72E-07	2.47E-07	1.13E-07	1.08E-07	5.10E-09	1.23E-07	2.72E-08	3.70E-08	5.86E-08	1.03E-08	5.69E-08	3.18E-07
4771	474363.09	3861377.25	4.68E-04	4.77E-04	4.60E-04	1.62E-07	4.90E-07	2.84E-07	2.89E-07	2.62E-07	1.19E-07	1.15E-07	5.42E-09	1.31E-07	2.89E-08	3.92E-08	6.22E-08	1.10E-08	6.05E-08	3.38E-07
4772	474863.09	3861377.25	4.80E-04	4.89E-04	4.72E-04	1.66E-07	5.02E-07	2.91E-07	2.96E-07	2.68E-07	1.22E-07	1.18E-07	5.55E-09	1.34E-07	2.96E-08	4.02E-08	6.38E-08	1.12E-08	6.20E-08	3.47E-07
4773	475363.09	3861377.25	5.08E-04	5.18E-04	5.00E-04	1.76E-07	5.32E-07	3.08E-07	3.14E-07	2.84E-07	1.30E-07	1.25E-07	5.88E-09	1.42E-07	3.13E-08	4.26E-08	6.75E-08	1.19E-08	6.58E-08	3.67E-07
4774	475863.09	3861377.25	5.11E-04	5.21E-04	5.02E-04	1.77E-07	5.35E-07	3.10E-07	3.15E-07	2.86E-07	1.30E-07	1.26E-07	5.92E-09	1.43E-07	3.15E-08	4.28E-08	6.80E-08	1.20E-08	6.60E-08	3.69E-07
4775	476363.09	3861377.25	4.96E-04	5.06E-04	4.85E-04	1.72E-07	5.19E-07	3.00E-07	3.06E-07	2.78E-07	1.27E-07	1.21E-07	5.74E-09	1.39E-07	3.06E-08	4.16E-08	6.60E-08	1.16E-08	6.37E-08	3.58E-07
4776	476863.09	3861377.25	4.87E-04	4.97E-04	4.74E-04	1.69E-07	5.09E-07	2.95E-07	3.01E-07	2.73E-07	1.25E-07	1.19E-07	5.63E-09	1.36E-07	3.00E-08	4.09E-08	6.49E-08	1.14E-08	6.23E-08	3.51E-07
4777	477363.09	3861377.25	4.86E-04	4.97E-04	4.72E-04	1.69E-07	5.09E-07	2.95E-07	3.01E-07	2.73E-07	1.25E-07	1.18E-07	5.63E-09	1.36E-07	3.00E-08	4.09E-08	6.48E-08	1.14E-08	6.21E-08	3.51E-07
4778	477863.09	3861377.25	3.98E-04	4.07E-04	3.81E-04	1.38E-07	4.16E-07	2.41E-07	2.47E-07	2.24E-07	1.02E-07	9.56E-08	4.60E-09	1.11E-07	2.45E-08	3.35E-08	5.31E-08	9.37E-09	5.01E-08	2.86E-07
4779	478363.09	3861377.25	2.52E-04	2.58E-04	2.41E-04	8.72E-08	2.63E-07	1.52E-07	1.56E-07	1.42E-07	6.46E-08	6.03E-08	2.91E-09	7.03E-08	1.55E-08	2.12E-08	3.36E-08	5.93E-09	3.16E-08	1.81E-07
4780	478863.09	3861377.25	3.06E-04	3.13E-04	2.92E-04	1.06E-07	3.20E-07	1.85E-07	1.90E-07	1.72E-07	7.85E-08	7.33E-08	3.54E-09	8.55E-08	1.89E-08	2.58E-08	4.09E-08	7.21E-09	3.85E-08	2.20E-07
4781	479363.09	3861377.25	5.84E-04	5.96E-04	5.70E-04	2.02E-07	6.11E-07	3.54E-07	3.61E-07	3.27E-07	1.49E-07	1.43E-07	6.76E-09	1.63E-07	3.60E-08	4.90E-08	7.77E-08	1.37E-08	7.49E-08	4.21E-07
4782	479863.09	3861377.25	7.98E-04	8.11E-04	7.91E-04	2.77E-07	8.35E-07	4.83E-07	4.92E-07	4.46E-07	2.03E-07	1.98E-07	9.24E-09	2.23E-07	4.92E-08	6.67E-08	1.06E-07	1.87E-08	1.04E-07	5.77E-07
4783	480363.09	3861377.25	9.96E-04	1.01E-03	9.97E-04	3.45E-07	1.04E-06	6.03E-07	6.12E-07	5.55E-07	2.53E-07	2.50E-07	1.15E-08	2.78E-07	6.15E-08	8.31E-08	1.32E-07	2.32E-08	1.31E-07	7.21E-07
4784	480863.09	3861377.25	1.12E-03	1.13E-03	1.12E-03	3.88E-07	1.17E-06	6.78E-07	6.87E-07	6.23E-07	2.84E-07	2.81E-07	1.30E-08	3.13E-07	6.90E-08	9.33E-08	1.48E-07	2.61E-08	1.48E-07	8.10E-07
4785	481363.09	3861377.25	1.24E-03	1.25E-03	1.24E-03	4.29E-07	1.30E-06	7.50E-07	7.60E-07	6.89E-07	3.14E-07	3.12E-07	1.43E-08	3.46E-07	7.64E-08	1.03E-07	1.64E-07	2.89E-08	1.64E-07	8.96E-07
4786	481863.09	3861377.25	1.34E-03	1.35E-03	1.34E-03	4.63E-07	1.40E-06	8.09E-07	8.20E-07	7.43E-07	3.39E-07	3.37E-07	1.55E-08	3.73E-07	8.24E-08	1.11E-07	1.77E-07	3.11E-08	1.77E-07	9.67E-07
4787	482363.09	3861377.25	1.44E-03	1.46E-03	1.45E-03	4.99E-07	1.51E-06	8.73E-07	8.84E-07	8.02E-07	3.66E-07	3.64E-07	1.67E-08	4.03E-07	8.89E-08	1.20E-07	1.90E-07	3.36E-08	1.91E-07	1.04E-06
4788	482863.09	3861377.25	1.56E-03	1.57E-03	1.57E-03	5.39E-07	1.63E-06	9.42E-07	9.54E-07	8.65E-07	3.95E-07	3.93E-07	1.80E-08	4.35E-07	9.59E-08	1.30E-07	2.05E-07	3.62E-08	2.06E-07	1.13E-06
4789	483363.09	3861377.25	1.68E-03	1.70E-03	1.70E-03	5.82E-07	1.76E-06	1.02E-06	1.03E-06	9.34E-07	4.26E-07	4.25E-07	1.94E-08	4.70E-07	1.04E-07	1.40E-07	2.22E-07	3.91E-08	2.23E-07	1.22E-06
4790	483863.09	3861377.25	1.83E-03	1.85E-03	1.85E-03	6.34E-07	1.92E-06	1.11E-06	1.12E-06	1.02E-06	4.64E-07	4.64E-07	2.12E-08	5.12E-07	1.13E-07	1.52E-07	2.42E-07	4.26E-08	2.44E-07	1.33E-06
4791	484363.09	3861377.25	2.00E-03	2.02E-03	2.03E-03	6.93E-07	2.09E-06	1.21E-06	1.22E-06	1.11E-06	5.06E-07	5.09E-07	2.31E-08	5.59E-07	1.23E-07	1.66E-07	2.64E-07	4.65E-08	2.67E-07	1.45E-06
4792	484863.09	3861377.25	2.26E-03	2.28E-03	2.31E-03	7.84E-07	2.37E-06	1.37E-06	1.38E-06	1.25E-06	5.72E-07	5.79E-07	2.62E-08	6.32E-07	1.40E-07	1.88E-07	2.98E-07	5.25E-08	3.04E-07	1.64E-06
4793	485363.09	3861377.25	2.49E-03	2.51E-03	2.56E-03	8.63E-07	2.61E-06	1.51E-06	1.52E-06	1.38E-06	6.29E-07	6.41E-07	2.88E-08	6.96E-07	1.54E-07	2.06E-07	3.28E-07	5.77E-08	3.36E-07	1.81E-06
4794	485863.09	3861377.25	2.77E-03	2.79E-03	2.85E-03	9.59E-07	2.89E-06	1.68E-06	1.69E-06	1.53E-06	6.98E-07	7.14E-07	3.20E-08	7.73E-07	1.71E-07	2.29E-07	3.63E-07	6.40E-08	3.75E-07	2.01E-06
4795	486363.09	3861377.25	3.05E-03	3.07E-03	3.15E-03	1.06E-06	3.19E-06	1.85E-06	1.86E-06	1.69E-06	7.69E-07	7.90E-07	3.53E-08	8.53E-07	1.88E-07	2.52E-07	4.00E-07	7.06E-08	4.14E-07	2.21E-06
4796	486863.09	3861377.25	3.42E-03	3.44E-03	3.54E-03	1.18E-06	3.58E-06	2.07E-06	2.08E-06	1.89E-06	8.61E-07	8.87E-07	3.96E-08	9.56E-07	2.11E-07	2.83E-07	4.48E-07	7.90E-08	4.66E-07	2.48E-06
4797	487363.09	3861377.25	3.86E-03	3.88E-03	4.01E-03	1.34E-06	4.04E-06	2.34E-06	2.35E-06	2.13E-06	9.73E-07	1.00E-06	4.47E-08	1.08E-06	2.38E-07	3.19E-07	5.07E-07	8.93E-08	5.27E-07	2.81E-06
4798	487863.09	3861377.25	4.16E-03	4.17E-03	4.32E-03	1.44E-06	4.35E-06	2.52E-06	2.53E-06	2.29E-06	1.05E-06	1.08E-06	4.81E-08	1.16E-06	2.56E-07	3.43E-07	5.45E-07	9.60E-08	5.68E-07	3.02E-06
4799	488363.09	3861377.25	4.24E-03	4.25E-03	4.40E-03	1.47E-06	4.43E-06	2.57E-06	2.58E-06	2.34E-06	1.07E-06	1.10E-06	4.90E-08	1.18E-06	2.61E-07	3.50E-07	5.55E-07	9.78E-08	5.79E-07	3.08E-06
4800	488863.09	3861377.25	4.40E-03	4.42E-03	4.58E-03	1.53E-06	4.61E-06	2.67E-06	2.68E-06	2.43E-06	1.11E-06	1.15E-06	5.10E-08	1.23E-06	2.72E-07	3.64E-07	5.77E-07	1.02E-07	6.02E-07	3.20E-06
4801	489363.09	3861377.25	4.51E-03	4.53E-03	4.69E-03	1.56E-06	4.72E-06	2.73E-06	2.74E-06	2.49E-06	1.14E-06	1.18E-06	5.22E-08	1.26E-06	2.78E-07	3.73E-07	5.91E-07	1.04E-07	6.17E-07	3.28E-06
4802	489863.09	3861377.25	4.57E-03	4.60E-03	4.75E-03	1.59E-06	4.79E-06	2.77E-06	2.78E-06	2.52E-06	1.15E-06	1.19E-06	5.29E-08	1.28E-06	2.82E-07	3.78E-07	6.00E-07	1.06E-07	6.25E-07	3.32E-06
4803	490363.09	3861377.25	4.48E-03	4.50E-03	4.65E-03	1.55E-06	4.69E-06	2.71E-06	2.73E-06	2.47E-06	1.13E-06	1.17E-06	5.18E-08	1.25E-06	2.76E-07	3.70E-07	5.87E-07	1.03E-07	6.12E-07	3.25E-06
4804	490863.09	3861377.25	4.38E-03	4.40E-03	4.54E-03	1.52E-06	4.58E-06	2.65E-06	2.66E-06	2.42E-06	1.10E-06	1.14E-06	5.07E-08	1.22E-06	2.70E-07	3.62E-07	5.74E-07	1.01E-07	5.98E-07	3.18E-06
4805	491363.09	3861377.25	4.20E-03	4.22E-03	4.35E-03	1.45E-06	4.39E-06	2.54E-06	2.56E-06	2.32E-06	1.06E-06	1.09E-06	4.86E-08	1.17E-06	2.59E-07	3.47E-07	5.51E-07	9.70E-08	5.72E-07	3.05E-06
4806	491863.09	3861377.25	4.01E-03	4.03E-03	4.15E-03	1.39E-06	4.19E-06	2.43E-06	2.44E-06	2.21E-06	1.01E-06	1.04E-06	4.64E-08	1.12E-06	2.47E-07	3.31E-07	5.26E-07	9.27E-08	5.46E-07	2.91E-06
4807	492363.09	3861377.25	3.82E-03	3.84E-03	3.96E-03	1.32E-06	4.00E-06	2.32E-06	2.33E-06	2.11E-06	9.63E-07	9.93E-07	4.42E-08	1.07E-06	2.36E-07	3.16E-07	5.01E-07	8.84E-08	5.21E-07	2.78E-06
4808	492863.09	3861377.25	3.62E-03	3.63E-03	3.74E-03	1.25E-06	3.78E-06	2.19E-06	2.20E-06	2.00E-06	9.11E-07	9.38E-07	4.18E-08	1.01E-06	2.23E-07	2.99E-07	4.74E-07	8.36E-08	4.92E-07	2.62E-06
4809	493363.09	3861377.25	3.41E-03	3.43E-03	3.53E-03	1.18E-06	3.57E-06	2.07E-06	2.08E-06	1.89E-06	8.60E-07	8.85E-07	3.95E-08	9.54E-07	2.11E-07	2.82E-07	4.48E-07	7.89E-08	4.64E-07	2.48E-06
4810	493863.09	3861377.25	3.21E-03	3.23E-03	3.32E-03	1.11E-06	3.36E-06	1.95E-06	1.96E-06	1.78E-06	8.10E-07	8.32E-07	3.72E-08	8.99E-07	1.98E-07	2.66E-07	4.22E-07	7.44E-08	4.37E-07	2.33E-06
4811	494363.09	3861377.25	3.04E-03	3.06E-03	3.13E-03	1.05E-06	3.18E-06	1.84E-06	1.85E-06	1.68E-06	7.66E-07	7.85E-07	3.51E-08	8.49E-07	1.87E-07	2.51E-07	3.99E-07	7.03E-08	4.12E-07	2.20E-06
4812	494863.09	3861377.25	2.88E-03	2.90E-03	2.96E-03	9.99E-07	3.02E-06	1.75E-06	1.76E-06	1.59E-06	7.28E-07	7.43E-07	3.34E-08	8.06E-07	1.78E-07	2.39E-07	3.79E-07	6.68E-08	3.90E-07	2.09E-06
4813	495363.09	3861377.25	2.74E-03	2.76E-03	2.81E-03	9.49E-07	2.87E-06	1.66E-06	1.67E-06	1.52E-06	6.92E-07	7.04E-07	3.17E-08	7.66E-07	1.69E-07	2.27E-07	3.60E-07	6.35E-08	3.70E-07	1.99E-06
4814	495863.09	3861377.25	2.60E-03	2.62E-03	2.66E-03	9.01E-07	2.72E-06	1.57E-06	1.59E-06	1.44E-06	6.57E-07	6.67E-07	3.01E-08	7.27E-07	1.60E-07	2.16E-07	3.42E-07	6.03E-08	3.50E-07	1.88E-06
4815	496363.09	3861377.25	2.50E-03	2.52E-03	2.55E-03	8.65E-07	2.61E-06	1.51E-06	1.53E-06	1.38E-06	6.31E-07	6.40E-07	2.89E-08	6.98E-07	1.54E-07	2.07E-07	3.29E-07	5.79E-08	3.36E-07	1.81E-06
4816	496863.09	3861377.25	2.40E-03	2.42E-03	2.45E-03	8.30E-07	2.51E-06	1.45E-06	1.46E-06	1.33E-06	6.06E-07	6.13E-07	2.77E-08	6.70E-07	1.48E-07	1.99E-07	3.15E-07	5.56E-08	3.22E-07	1.74E-06

4817	497363.09	3861377.25	2.28E-03	2.30E-03	2.33E-03	7.90E-07	2.39E-06	1.38E-06	1.39E-06	1.26E-06	5.77E-07	5.83E-07	2.64E-08	6.37E-07	1.41E-07	1.89E-07	3.00E-07	5.29E-08	3.06E-07	1.65E-06
4818	497863.09	3861377.25	2.18E-03	2.20E-03	2.22E-03	7.54E-07	2.28E-06	1.32E-06	1.33E-06	1.21E-06	5.50E-07	5.56E-07	2.52E-08	6.08E-07	1.34E-07	1.81E-07	2.86E-07	5.05E-08	2.92E-07	1.58E-06
4819	498363.09	3861377.25	2.07E-03	2.09E-03	2.11E-03	7.18E-07	2.17E-06	1.25E-06	1.27E-06	1.15E-06	5.24E-07	5.28E-07	2.40E-08	5.79E-07	1.28E-07	1.72E-07	2.73E-07	4.81E-08	2.77E-07	1.50E-06
4820	471363.09	3861877.25	3.50E-04	3.56E-04	3.44E-04	1.21E-07	3.66E-07	2.12E-07	2.16E-07	1.96E-07	8.93E-08	8.63E-08	4.05E-09	9.78E-08	2.16E-08	2.93E-08	4.65E-08	8.19E-09	4.53E-08	2.53E-07
4821	471863.09	3861877.25	3.66E-04	3.73E-04	3.60E-04	1.27E-07	3.83E-07	2.22E-07	2.26E-07	2.05E-07	9.35E-08	9.03E-08	4.24E-09	1.02E-07	2.26E-08	3.07E-08	4.87E-08	8.58E-09	4.74E-08	2.65E-07
4822	472363.09	3861877.25	3.84E-04	3.91E-04	3.78E-04	1.33E-07	4.02E-07	2.33E-07	2.37E-07	2.15E-07	9.81E-08	9.47E-08	4.45E-09	1.07E-07	2.37E-08	3.22E-08	5.11E-08	9.00E-09	4.97E-08	2.77E-07
4823	472863.09	3861877.25	4.05E-04	4.12E-04	3.98E-04	1.40E-07	4.23E-07	2.45E-07	2.50E-07	2.26E-07	1.03E-07	9.98E-08	4.68E-09	1.13E-07	2.50E-08	3.39E-08	5.38E-08	9.48E-09	5.24E-08	2.92E-07
4824	473363.09	3861877.25	4.25E-04	4.33E-04	4.19E-04	1.47E-07	4.45E-07	2.58E-07	2.62E-07	2.38E-07	1.08E-07	1.05E-07	4.92E-09	1.19E-07	2.62E-08	3.56E-08	5.65E-08	9.95E-09	5.51E-08	3.07E-07
4825	473863.09	3861877.25	4.43E-04	4.51E-04	4.36E-04	1.53E-07	4.63E-07	2.68E-07	2.73E-07	2.48E-07	1.13E-07	1.09E-07	5.12E-09	1.24E-07	2.73E-08	3.71E-08	5.88E-08	1.04E-08	5.74E-08	3.20E-07
4826	474363.09	3861877.25	4.63E-04	4.72E-04	4.57E-04	1.61E-07	4.85E-07	2.81E-07	2.86E-07	2.59E-07	1.18E-07	1.15E-07	5.36E-09	1.30E-07	2.86E-08	3.88E-08	6.15E-08	1.08E-08	6.02E-08	3.35E-07
4827	474863.09	3861877.25	4.80E-04	4.89E-04	4.74E-04	1.66E-07	5.03E-07	2.91E-07	2.96E-07	2.68E-07	1.22E-07	1.19E-07	5.56E-09	1.34E-07	2.96E-08	4.02E-08	6.38E-08	1.12E-08	6.24E-08	3.47E-07
4828	475363.09	3861877.25	5.01E-04	5.10E-04	4.95E-04	1.74E-07	5.24E-07	3.03E-07	3.09E-07	2.80E-07	1.28E-07	1.24E-07	5.80E-09	1.40E-07	3.09E-08	4.19E-08	6.65E-08	1.17E-08	6.51E-08	3.62E-07
4829	475863.09	3861877.25	5.28E-04	5.37E-04	5.22E-04	1.83E-07	5.52E-07	3.20E-07	3.25E-07	2.95E-07	1.35E-07	1.31E-07	6.11E-09	1.48E-07	3.26E-08	4.42E-08	7.01E-08	1.23E-08	6.86E-08	3.81E-07
4830	476363.09	3861877.25	5.46E-04	5.55E-04	5.40E-04	1.89E-07	5.71E-07	3.31E-07	3.36E-07	3.05E-07	1.39E-07	1.35E-07	6.32E-09	1.53E-07	3.37E-08	4.57E-08	7.25E-08	1.28E-08	7.10E-08	3.95E-07
4831	476863.09	3861877.25	5.48E-04	5.57E-04	5.40E-04	1.90E-07	5.73E-07	3.32E-07	3.38E-07	3.06E-07	1.40E-07	1.35E-07	6.34E-09	1.53E-07	3.38E-08	4.58E-08	7.27E-08	1.28E-08	7.10E-08	3.96E-07
4832	477363.09	3861877.25	5.39E-04	5.48E-04	5.30E-04	1.87E-07	5.64E-07	3.26E-07	3.32E-07	3.01E-07	1.37E-07	1.33E-07	6.23E-09	1.51E-07	3.32E-08	4.51E-08	7.16E-08	1.26E-08	6.97E-08	3.89E-07
4833	477863.09	3861877.25	4.13E-04	4.21E-04	4.00E-04	1.43E-07	4.32E-07	2.50E-07	2.55E-07	2.31E-07	1.06E-07	1.00E-07	4.77E-09	1.15E-07	2.55E-08	3.47E-08	5.50E-08	9.69E-09	5.25E-08	2.97E-07
4834	478363.09	3861877.25	2.08E-04	2.12E-04	1.99E-04	7.20E-08	2.17E-07	1.26E-07	1.29E-07	1.17E-07	5.32E-08	5.00E-08	2.40E-09	5.80E-08	1.28E-08	1.75E-08	2.77E-08	4.88E-09	2.62E-08	1.50E-07
4835	478863.09	3861877.25	3.28E-04	3.35E-04	3.14E-04	1.14E-07	3.43E-07	1.98E-07	2.03E-07	1.84E-07	8.41E-08	7.88E-08	3.79E-09	9.16E-08	2.02E-08	2.76E-08	4.38E-08	7.71E-09	4.13E-08	2.36E-07
4836	479363.09	3861877.25	3.01E-04	3.09E-04	2.88E-04	1.04E-07	3.15E-07	1.83E-07	1.87E-07	1.70E-07	7.74E-08	7.22E-08	3.49E-09	8.43E-08	1.86E-08	2.54E-08	4.03E-08	7.11E-09	3.79E-08	2.17E-07
4837	479863.09	3861877.25	7.51E-04	7.63E-04	7.45E-04	2.60E-07	7.85E-07	4.55E-07	4.62E-07	4.19E-07	1.91E-07	1.87E-07	8.69E-09	2.10E-07	4.63E-08	6.27E-08	9.95E-08	1.75E-08	9.79E-08	5.43E-07
4838	480363.09	3861877.25	9.56E-04	9.69E-04	9.59E-04	3.31E-07	1.00E-06	5.79E-07	5.87E-07	5.32E-07	2.43E-07	2.40E-07	1.11E-08	2.67E-07	5.90E-08	7.97E-08	1.26E-07	2.23E-08	1.26E-07	6.92E-07
4839	480863.09	3861877.25	1.05E-03	1.07E-03	1.06E-03	3.64E-07	1.10E-06	6.37E-07	6.45E-07	5.85E-07	2.67E-07	2.65E-07	1.22E-08	2.94E-07	6.48E-08	8.76E-08	1.39E-07	2.45E-08	1.39E-07	7.61E-07
4840	481363.09	3861877.25	1.14E-03	1.15E-03	1.14E-03	3.94E-07	1.19E-06	6.89E-07	6.98E-07	6.33E-07	2.89E-07	2.87E-07	1.32E-08	3.18E-07	7.02E-08	9.48E-08	1.50E-07	2.65E-08	1.50E-07	8.24E-07
4841	481863.09	3861877.25	1.21E-03	1.23E-03	1.22E-03	4.20E-07	1.27E-06	7.33E-07	7.43E-07	6.73E-07	3.07E-07	3.05E-07	1.40E-08	3.38E-07	7.47E-08	1.01E-07	1.60E-07	2.82E-08	1.60E-07	8.76E-07
4842	482363.09	3861877.25	1.30E-03	1.31E-03	1.31E-03	4.50E-07	1.36E-06	7.86E-07	7.96E-07	7.21E-07	3.29E-07	3.27E-07	1.50E-08	3.63E-07	8.00E-08	1.08E-07	1.71E-07	3.02E-08	1.72E-07	9.39E-07
4843	482863.09	3861877.25	1.39E-03	1.41E-03	1.41E-03	4.83E-07	1.46E-06	8.45E-07	8.56E-07	7.76E-07	3.54E-07	3.53E-07	1.61E-08	3.90E-07	8.60E-08	1.16E-07	1.84E-07	3.25E-08	1.85E-07	1.01E-06
4844	483363.09	3861877.25	1.50E-03	1.52E-03	1.52E-03	5.20E-07	1.57E-06	9.09E-07	9.19E-07	8.34E-07	3.80E-07	3.80E-07	1.74E-08	4.19E-07	9.25E-08	1.25E-07	1.98E-07	3.49E-08	1.99E-07	1.09E-06
4845	483863.09	3861877.25	1.61E-03	1.62E-03	1.63E-03	5.57E-07	1.68E-06	9.73E-07	9.84E-07	8.92E-07	4.07E-07	4.08E-07	1.86E-08	4.49E-07	9.91E-08	1.34E-07	2.12E-07	3.74E-08	2.14E-07	1.16E-06
4846	484363.09	3861877.25	1.74E-03	1.76E-03	1.77E-03	6.03E-07	1.82E-06	1.05E-06	1.06E-06	9.65E-07	4.40E-07	4.43E-07	2.01E-08	4.86E-07	1.07E-07	1.45E-07	2.29E-07	4.04E-08	2.33E-07	1.26E-06
4847	484863.09	3861877.25	1.89E-03	1.91E-03	1.93E-03	6.55E-07	1.98E-06	1.15E-06	1.16E-06	1.05E-06	4.78E-07	4.84E-07	2.19E-08	5.29E-07	1.17E-07	1.57E-07	2.49E-07	4.39E-08	2.54E-07	1.37E-06
4848	485363.09	3861877.25	2.04E-03	2.06E-03	2.09E-03	7.07E-07	2.13E-06	1.23E-06	1.25E-06	1.13E-06	5.15E-07	5.23E-07	2.36E-08	5.70E-07	1.26E-07	1.69E-07	2.68E-07	4.73E-08	2.75E-07	1.48E-06
4849	485863.09	3861877.25	2.16E-03	2.18E-03	2.22E-03	7.50E-07	2.26E-06	1.31E-06	1.32E-06	1.20E-06	5.46E-07	5.57E-07	2.50E-08	6.05E-07	1.33E-07	1.79E-07	2.84E-07	5.01E-08	2.92E-07	1.57E-06
4850	486363.09	3861877.25	2.32E-03	2.34E-03	2.39E-03	8.05E-07	2.43E-06	1.41E-06	1.42E-06	1.28E-06	5.86E-07	6.00E-07	2.69E-08	6.50E-07	1.43E-07	1.92E-07	3.05E-07	5.38E-08	3.15E-07	1.69E-06
4851	486863.09	3861877.25	2.51E-03	2.53E-03	2.59E-03	8.71E-07	2.63E-06	1.52E-06	1.53E-06	1.39E-06	6.34E-07	6.50E-07	2.91E-08	7.03E-07	1.55E-07	2.08E-07	3.30E-07	5.82E-08	3.41E-07	1.82E-06
4852	487363.09	3861877.25	2.70E-03	2.72E-03	2.79E-03	9.36E-07	2.83E-06	1.64E-06	1.65E-06	1.49E-06	6.81E-07	7.00E-07	3.13E-08	7.55E-07	1.67E-07	2.24E-07	3.55E-07	6.25E-08	3.67E-07	1.96E-06
4853	487863.09	3861877.25	2.78E-03	2.79E-03	2.87E-03	9.63E-07	2.91E-06	1.68E-06	1.69E-06	1.53E-06	7.00E-07	7.19E-07	3.21E-08	7.76E-07	1.71E-07	2.30E-07	3.65E-07	6.42E-08	3.78E-07	2.02E-06
4854	488363.09	3861877.25	2.73E-03	2.75E-03	2.83E-03	9.48E-07	2.86E-06	1.66E-06	1.67E-06	1.51E-06	6.89E-07	7.08E-07	3.16E-08	7.64E-07	1.69E-07	2.26E-07	3.59E-07	6.32E-08	3.72E-07	1.98E-06
4855	488863.09	3861877.25	2.75E-03	2.77E-03	2.84E-03	9.53E-07	2.88E-06	1.67E-06	1.68E-06	1.52E-06	6.93E-07	7.12E-07	3.18E-08	7.68E-07	1.70E-07	2.27E-07	3.61E-07	6.36E-08	3.74E-07	2.00E-06
4856	489363.09	3861877.25	2.82E-03	2.83E-03	2.91E-03	9.76E-07	2.95E-06	1.71E-06	1.72E-06	1.56E-06	7.10E-07	7.30E-07	3.26E-08	7.87E-07	1.74E-07	2.33E-07	3.70E-07	6.51E-08	3.83E-07	2.04E-06
4857	489863.09	3861877.25	2.89E-03	2.90E-03	2.99E-03	1.00E-06	3.02E-06	1.75E-06	1.76E-06	1.59E-06	7.28E-07	7.48E-07	3.34E-08	8.07E-07	1.78E-07	2.39E-07	3.79E-07	6.68E-08	3.93E-07	2.10E-06
4858	490363.09	3861877.25	2.88E-03	2.90E-03	2.98E-03	1.00E-06	3.02E-06	1.75E-06	1.76E-06	1.59E-06	7.27E-07	7.47E-07	3.34E-08	8.06E-07	1.78E-07	2.39E-07	3.79E-07	6.67E-08	3.92E-07	2.09E-06
4859	490863.09	3861877.25	2.84E-03	2.86E-03	2.94E-03	9.85E-07	2.97E-06	1.72E-06	1.73E-06	1.57E-06	7.17E-07	7.36E-07	3.29E-08	7.95E-07	1.75E-07	2.35E-07	3.73E-07	6.58E-08	3.86E-07	2.06E-06
4860	491363.09	3861877.25	2.84E-03	2.85E-03	2.93E-03	9.83E-07	2.97E-06	1.72E-06	1.73E-06	1.57E-06	7.15E-07	7.33E-07	3.28E-08	7.93E-07	1.75E-07	2.35E-07	3.72E-07	6.56E-08	3.85E-07	2.06E-06
4861	491863.09	3861877.25	2.83E-03	2.85E-03	2.92E-03	9.82E-07	2.96E-06	1.72E-06	1.73E-06	1.57E-06	7.14E-07	7.32E-07	3.28E-08	7.92E-07	1.75E-07	2.34E-07	3.72E-07	6.55E-08	3.84E-07	2.06E-06
4862	492363.09	3861877.25	2.76E-03	2.78E-03	2.84E-03	9.56E-07	2.89E-06	1.67E-06	1.68E-06	1.52E-06	6.96E-07	7.12E-07	3.19E-08	7.71E-07	1.70E-07	2.28E-07	3.62E-07	6.38E-08	3.74E-07	2.00E-06
4863	492863.09	3861877.25	2.69E-03	2.71E-03	2.78E-03	9.34E-07	2.82E-06	1.63E-06	1.64E-06	1.49E-06	6.80E-07	6.97E-07	3.12E-08	7.53E-07	1.66E-07	2.23E-07	3.54E-07	6.24E-08	3.66E-07	1.96E-06
4864	493363.09	3861877.25	2.63E-03	2.64E-03	2.71E-03	9.10E-07	2.75E-06	1.59E-06	1.60E-06	1.45E-06	6.62E-07	6.79E-07	3.04E-08	7.34E-07	1.62E-07	2.17E-07	3.45E-07	6.07E-08	3.56E-07	1.91E-06
4865	493863.09	3861877.25	2.54E-03	2.56E-03	2.62E-03	8.80E-07	2.66E-06	1.54E-06	1.55E-06	1.40E-06	6.40E-07	6.56E-07	2.94E-08	7.10E-07	1.57E-07	2.10E-07	3.33E-07	5.88E-08	3.45E-07	1.84E-06
4866	494363.09	3861877.25	2.44E-03	2.46E-03	2.52E-03	8.47E-07	2.56E-06	1.48E-06	1.49E-06	1.35E-06	6.16E-07	6.31E-07	2.83E-08	6.83E-07	1.51E-07	2.02E-07	3.21E-07	5.65E-08	3.31E-07	1.77E-06
4867	494863.09	3861877.25	2.36E-03	2.37E-03	2.43E-03	8.17E-07	2.47E-06	1.43E-06	1.44E-06	1.30E-06	5.95E-07	6.08E-07	2.73E-08	6.59E-07	1.45E-07	1.95E-07	3.10E-07	5.46E-08	3.19E-07	1.71E-06
4868	495363.09	3861877.25	2.26E-03	2.28E-03	2.33E-03	7.85E-07	2.37E-06	1.37E-06	1.38E-06	1.25E-06	5.72E-07	5.83E-07	2.62E-08	6.33E-07	1.40E-07	1.88E-07	2.98E-07	5.25E-08	3.06E-07	1.64E-06
4869	495863.09	3861877.25	2.18E-03	2.19E-03	2.23E-03	7.54E-07	2.28E-06	1.32E-06	1.33E-06	1.20E-06	5.50E-07	5.59E-07	2.52E-08	6.08E-07	1.34E-07	1.80E-07	2.86E-07	5.05E-08	2.93E-07	1.58E-06

4870	496363.09	3861877.25	2.10E-03	2.12E-03	2.15E-03	7.28E-07	2.20E-06	1.27E-06	1.28E-06	1.16E-06	5.31E-07	5.38E-07	2.43E-08	5.87E-07	1.30E-07	1.74E-07	2.77E-07	4.87E-08	2.83E-07	1.52E-06
4871	496863.09	3861877.25	2.06E-03	2.08E-03	2.10E-03	7.13E-07	2.15E-06	1.25E-06	1.26E-06	1.14E-06	5.20E-07	5.26E-07	2.38E-08	5.75E-07	1.27E-07	1.71E-07	2.71E-07	4.78E-08	2.76E-07	1.49E-06
4872	497363.09	3861877.25	1.98E-03	2.00E-03	2.02E-03	6.87E-07	2.07E-06	1.20E-06	1.21E-06	1.10E-06	5.01E-07	5.06E-07	2.29E-08	5.54E-07	1.22E-07	1.65E-07	2.61E-07	4.60E-08	2.66E-07	1.44E-06
4873	497863.09	3861877.25	1.90E-03	1.92E-03	1.94E-03	6.58E-07	1.99E-06	1.15E-06	1.16E-06	1.05E-06	4.80E-07	4.85E-07	2.20E-08	5.31E-07	1.17E-07	1.58E-07	2.50E-07	4.41E-08	2.55E-07	1.38E-06
4874	498363.09	3861877.25	1.83E-03	1.84E-03	1.86E-03	6.33E-07	1.91E-06	1.11E-06	1.12E-06	1.01E-06	4.62E-07	4.67E-07	2.11E-08	5.11E-07	1.13E-07	1.52E-07	2.41E-07	4.24E-08	2.45E-07	1.32E-06
4875	471363.09	3862377.25	3.49E-04	3.55E-04	3.43E-04	1.21E-07	3.65E-07	2.11E-07	2.15E-07	1.95E-07	8.90E-08	8.60E-08	4.04E-09	9.75E-08	2.15E-08	2.92E-08	4.63E-08	8.17E-09	4.51E-08	2.52E-07
4876	471863.09	3862377.25	3.63E-04	3.70E-04	3.58E-04	1.26E-07	3.80E-07	2.20E-07	2.24E-07	2.03E-07	9.27E-08	8.96E-08	4.21E-09	1.02E-07	2.24E-08	3.04E-08	4.83E-08	8.51E-09	4.70E-08	2.62E-07
4877	472363.09	3862377.25	3.81E-04	3.88E-04	3.76E-04	1.32E-07	3.99E-07	2.31E-07	2.35E-07	2.13E-07	9.73E-08	9.42E-08	4.41E-09	1.07E-07	2.35E-08	3.19E-08	5.07E-08	8.93E-09	4.94E-08	2.76E-07
4878	472863.09	3862377.25	3.99E-04	4.06E-04	3.94E-04	1.38E-07	4.18E-07	2.42E-07	2.46E-07	2.23E-07	1.02E-07	9.87E-08	4.62E-09	1.12E-07	2.46E-08	3.34E-08	5.30E-08	9.34E-09	5.18E-08	2.88E-07
4879	473363.09	3862377.25	4.17E-04	4.24E-04	4.12E-04	1.44E-07	4.36E-07	2.52E-07	2.57E-07	2.33E-07	1.06E-07	1.03E-07	4.82E-09	1.16E-07	2.57E-08	3.49E-08	5.53E-08	9.75E-09	5.41E-08	3.01E-07
4880	473863.09	3862377.25	4.33E-04	4.41E-04	4.29E-04	1.50E-07	4.53E-07	2.62E-07	2.67E-07	2.42E-07	1.10E-07	1.07E-07	5.01E-09	1.21E-07	2.67E-08	3.62E-08	5.75E-08	1.01E-08	5.64E-08	3.13E-07
4881	474363.09	3862377.25	4.48E-04	4.55E-04	4.43E-04	1.55E-07	4.69E-07	2.71E-07	2.76E-07	2.50E-07	1.14E-07	1.11E-07	5.18E-09	1.25E-07	2.76E-08	3.75E-08	5.94E-08	1.05E-08	5.83E-08	3.24E-07
4882	474863.09	3862377.25	4.59E-04	4.67E-04	4.54E-04	1.59E-07	4.80E-07	2.78E-07	2.83E-07	2.57E-07	1.17E-07	1.14E-07	5.31E-09	1.28E-07	2.83E-08	3.84E-08	6.09E-08	1.07E-08	5.97E-08	3.32E-07
4883	475363.09	3862377.25	4.87E-04	4.96E-04	4.83E-04	1.69E-07	5.10E-07	2.95E-07	3.00E-07	2.72E-07	1.24E-07	1.21E-07	5.64E-09	1.36E-07	3.01E-08	4.08E-08	6.47E-08	1.14E-08	6.35E-08	3.52E-07
4884	475863.09	3862377.25	5.14E-04	5.22E-04	5.10E-04	1.78E-07	5.38E-07	3.11E-07	3.16E-07	2.87E-07	1.31E-07	1.28E-07	5.95E-09	1.44E-07	3.17E-08	4.30E-08	6.81E-08	1.20E-08	6.70E-08	3.71E-07
4885	476363.09	3862377.25	5.36E-04	5.45E-04	5.33E-04	1.86E-07	5.61E-07	3.25E-07	3.30E-07	2.99E-07	1.37E-07	1.33E-07	6.21E-09	1.50E-07	3.31E-08	4.48E-08	7.11E-08	1.25E-08	7.01E-08	3.88E-07
4886	476863.09	3862377.25	5.55E-04	5.64E-04	5.52E-04	1.92E-07	5.81E-07	3.36E-07	3.41E-07	3.10E-07	1.41E-07	1.38E-07	6.42E-09	1.55E-07	3.42E-08	4.64E-08	7.35E-08	1.30E-08	7.26E-08	4.01E-07
4887	477363.09	3862377.25	5.53E-04	5.62E-04	5.50E-04	1.92E-07	5.79E-07	3.35E-07	3.41E-07	3.09E-07	1.41E-07	1.38E-07	6.40E-09	1.55E-07	3.41E-08	4.62E-08	7.33E-08	1.29E-08	7.23E-08	4.00E-07
4888	477863.09	3862377.25	4.49E-04	4.58E-04	4.40E-04	1.56E-07	4.70E-07	2.72E-07	2.77E-07	2.51E-07	1.15E-07	1.10E-07	5.20E-09	1.26E-07	2.77E-08	3.77E-08	5.97E-08	1.05E-08	5.79E-08	3.24E-07
4889	478363.09	3862377.25	3.47E-04	3.55E-04	3.35E-04	1.20E-07	3.63E-07	2.10E-07	2.15E-07	1.95E-07	8.88E-08	8.38E-08	4.01E-09	9.69E-08	2.14E-08	2.92E-08	4.63E-08	8.15E-09	4.40E-08	2.50E-07
4890	478863.09	3862377.25	3.66E-04	3.75E-04	3.53E-04	1.27E-07	3.83E-07	2.22E-07	2.27E-07	2.06E-07	9.39E-08	8.85E-08	4.24E-09	1.02E-07	2.26E-08	3.08E-08	4.89E-08	8.61E-09	4.64E-08	2.64E-07
4891	479363.09	3862377.25	4.56E-04	4.66E-04	4.43E-04	1.58E-07	4.77E-07	2.76E-07	2.82E-07	2.56E-07	1.17E-07	1.11E-07	5.28E-09	1.27E-07	2.81E-08	3.83E-08	6.08E-08	1.07E-08	5.82E-08	3.29E-07
4892	479863.09	3862377.25	7.57E-04	7.69E-04	7.55E-04	2.62E-07	7.92E-07	4.59E-07	4.66E-07	4.22E-07	1.93E-07	1.89E-07	8.76E-09	2.12E-07	4.67E-08	6.32E-08	1.00E-07	1.77E-08	9.93E-08	5.48E-07
4893	480363.09	3862377.25	9.04E-04	9.16E-04	9.08E-04	3.13E-07	9.46E-07	5.48E-07	5.55E-07	5.03E-07	2.30E-07	2.27E-07	1.05E-08	2.53E-07	5.58E-08	7.53E-08	1.20E-07	2.11E-08	1.19E-07	6.54E-07
4894	480863.09	3862377.25	9.79E-04	9.92E-04	9.84E-04	3.39E-07	1.02E-06	5.93E-07	6.01E-07	5.45E-07	2.48E-07	2.47E-07	1.13E-08	2.74E-07	6.04E-08	8.16E-08	1.29E-07	2.28E-08	1.29E-07	7.08E-07
4895	481363.09	3862377.25	1.05E-03	1.06E-03	1.05E-03	3.63E-07	1.10E-06	6.34E-07	6.42E-07	5.82E-07	2.66E-07	2.64E-07	1.21E-08	2.93E-07	6.46E-08	8.72E-08	1.38E-07	2.44E-08	1.38E-07	7.58E-07
4896	481863.09	3862377.25	1.12E-03	1.13E-03	1.12E-03	3.87E-07	1.17E-06	6.76E-07	6.85E-07	6.21E-07	2.83E-07	2.82E-07	1.29E-08	3.12E-07	6.89E-08	9.30E-08	1.48E-07	2.60E-08	1.48E-07	8.08E-07
4897	482363.09	3862377.25	1.19E-03	1.20E-03	1.20E-03	4.12E-07	1.24E-06	7.19E-07	7.28E-07	6.60E-07	3.01E-07	3.00E-07	1.37E-08	3.32E-07	7.32E-08	9.89E-08	1.57E-07	2.76E-08	1.57E-07	8.60E-07
4898	482863.09	3862377.25	1.25E-03	1.27E-03	1.27E-03	4.35E-07	1.31E-06	7.60E-07	7.69E-07	6.97E-07	3.18E-07	3.17E-07	1.45E-08	3.51E-07	7.74E-08	1.04E-07	1.66E-07	2.92E-08	1.66E-07	9.08E-07
4899	483363.09	3862377.25	1.31E-03	1.33E-03	1.33E-03	4.55E-07	1.37E-06	7.95E-07	8.04E-07	7.29E-07	3.33E-07	3.32E-07	1.52E-08	3.67E-07	8.09E-08	1.09E-07	1.73E-07	3.05E-08	1.74E-07	9.50E-07
4900	483863.09	3862377.25	1.40E-03	1.41E-03	1.42E-03	4.84E-07	1.46E-06	8.47E-07	8.56E-07	7.76E-07	3.54E-07	3.55E-07	1.62E-08	3.91E-07	8.62E-08	1.16E-07	1.84E-07	3.25E-08	1.86E-07	1.01E-06
4901	484363.09	3862377.25	1.48E-03	1.50E-03	1.51E-03	5.13E-07	1.55E-06	8.97E-07	9.07E-07	8.22E-07	3.75E-07	3.77E-07	1.71E-08	4.14E-07	9.14E-08	1.23E-07	1.95E-07	3.44E-08	1.98E-07	1.07E-06
4902	484863.09	3862377.25	1.56E-03	1.58E-03	1.59E-03	5.41E-07	1.63E-06	9.46E-07	9.56E-07	8.66E-07	3.95E-07	3.99E-07	1.81E-08	4.37E-07	9.64E-08	1.30E-07	2.06E-07	3.63E-08	2.09E-07	1.13E-06
4903	485363.09	3862377.25	1.66E-03	1.67E-03	1.69E-03	5.74E-07	1.73E-06	1.00E-06	1.01E-06	9.18E-07	4.19E-07	4.24E-07	1.92E-08	4.63E-07	1.02E-07	1.38E-07	2.18E-07	3.84E-08	2.23E-07	1.20E-06
4904	485863.09	3862377.25	1.75E-03	1.76E-03	1.80E-03	6.07E-07	1.83E-06	1.06E-06	1.07E-06	9.69E-07	4.42E-07	4.50E-07	2.03E-08	4.89E-07	1.08E-07	1.45E-07	2.30E-07	4.06E-08	2.36E-07	1.27E-06
4905	486363.09	3862377.25	1.86E-03	1.87E-03	1.91E-03	6.45E-07	1.95E-06	1.13E-06	1.14E-06	1.03E-06	4.70E-07	4.79E-07	2.15E-08	5.20E-07	1.15E-07	1.54E-07	2.45E-07	4.31E-08	2.52E-07	1.35E-06
4906	486863.09	3862377.25	1.94E-03	1.95E-03	1.99E-03	6.71E-07	2.03E-06	1.17E-06	1.18E-06	1.07E-06	4.89E-07	4.99E-07	2.24E-08	5.41E-07	1.19E-07	1.60E-07	2.54E-07	4.48E-08	2.62E-07	1.41E-06
4907	487363.09	3862377.25	2.02E-03	2.03E-03	2.08E-03	7.00E-07	2.11E-06	1.22E-06	1.23E-06	1.12E-06	5.10E-07	5.21E-07	2.34E-08	5.65E-07	1.25E-07	1.67E-07	2.65E-07	4.68E-08	2.74E-07	1.47E-06
4908	487863.09	3862377.25	2.05E-03	2.06E-03	2.11E-03	7.09E-07	2.14E-06	1.24E-06	1.25E-06	1.13E-06	5.17E-07	5.28E-07	2.37E-08	5.72E-07	1.26E-07	1.70E-07	2.69E-07	4.74E-08	2.77E-07	1.49E-06
4909	488363.09	3862377.25	1.99E-03	2.00E-03	2.05E-03	6.90E-07	2.08E-06	1.21E-06	1.21E-06	1.10E-06	5.02E-07	5.13E-07	2.30E-08	5.56E-07	1.23E-07	1.65E-07	2.61E-07	4.61E-08	2.69E-07	1.44E-06
4910	488863.09	3862377.25	1.99E-03	2.00E-03	2.05E-03	6.89E-07	2.08E-06	1.20E-06	1.21E-06	1.10E-06	5.02E-07	5.13E-07	2.30E-08	5.56E-07	1.23E-07	1.65E-07	2.61E-07	4.60E-08	2.69E-07	1.44E-06
4911	489363.09	3862377.25	2.04E-03	2.05E-03	2.10E-03	7.06E-07	2.13E-06	1.23E-06	1.24E-06	1.13E-06	5.14E-07	5.26E-07	2.36E-08	5.69E-07	1.26E-07	1.69E-07	2.68E-07	4.72E-08	2.76E-07	1.48E-06
4912	489863.09	3862377.25	2.08E-03	2.10E-03	2.15E-03	7.22E-07	2.18E-06	1.26E-06	1.27E-06	1.15E-06	5.26E-07	5.38E-07	2.41E-08	5.83E-07	1.29E-07	1.73E-07	2.74E-07	4.83E-08	2.82E-07	1.51E-06
4913	490363.09	3862377.25	2.14E-03	2.15E-03	2.20E-03	7.41E-07	2.24E-06	1.30E-06	1.30E-06	1.18E-06	5.39E-07	5.52E-07	2.47E-08	5.98E-07	1.32E-07	1.77E-07	2.81E-07	4.95E-08	2.90E-07	1.55E-06
4914	490863.09	3862377.25	2.14E-03	2.15E-03	2.20E-03	7.41E-07	2.24E-06	1.30E-06	1.30E-06	1.18E-06	5.40E-07	5.52E-07	2.48E-08	5.98E-07	1.32E-07	1.77E-07	2.81E-07	4.95E-08	2.89E-07	1.55E-06
4915	491363.09	3862377.25	2.09E-03	2.11E-03	2.15E-03	7.26E-07	2.19E-06	1.27E-06	1.28E-06	1.16E-06	5.29E-07	5.40E-07	2.42E-08	5.85E-07	1.29E-07	1.73E-07	2.75E-07	4.85E-08	2.83E-07	1.52E-06
4916	491863.09	3862377.25	2.06E-03	2.07E-03	2.12E-03	7.13E-07	2.15E-06	1.25E-06	1.26E-06	1.14E-06	5.20E-07	5.30E-07	2.38E-08	5.75E-07	1.27E-07	1.71E-07	2.71E-07	4.77E-08	2.78E-07	1.49E-06
4917	492363.09	3862377.25	2.07E-03	2.09E-03	2.13E-03	7.19E-07	2.17E-06	1.26E-06	1.27E-06	1.15E-06	5.24E-07	5.33E-07	2.40E-08	5.80E-07	1.28E-07	1.72E-07	2.73E-07	4.80E-08	2.80E-07	1.50E-06
4918	492863.09	3862377.25	2.08E-03	2.09E-03	2.13E-03	7.20E-07	2.17E-06	1.26E-06	1.27E-06	1.15E-06	5.25E-07	5.35E-07	2.40E-08	5.81E-07	1.28E-07	1.72E-07	2.73E-07	4.81E-08	2.81E-07	1.51E-06
4919	493363.09	3862377.25	2.06E-03	2.07E-03	2.11E-03	7.12E-07	2.15E-06	1.25E-06	1.25E-06	1.14E-06	5.19E-07	5.29E-07	2.38E-08	5.75E-07	1.27E-07	1.70E-07	2.70E-07	4.76E-08	2.78E-07	1.49E-06
4920	493863.09	3862377.25	2.02E-03	2.04E-03	2.08E-03	7.01E-07	2.12E-06	1.23E-06	1.23E-06	1.12E-06	5.11E-07	5.22E-07	2.34E-08	5.66E-07	1.25E-07	1.68E-07	2.66E-07	4.69E-08	2.74E-07	1.47E-06
4921	494363.09	3862377.25	1.99E-03	2.00E-03	2.04E-03	6.89E-07	2.08E-06	1.20E-06	1.21E-06	1.10E-06	5.02E-07	5.12E-07	2.30E-08	5.56E-07	1.23E-07	1.65E-07	2.61E-07	4.60E-08	2.69E-07	1.44E-06
4922	494863.09	3862377.25	1.94E-03	1.96E-03	2.00E-03	6.74E-07	2.03E-06	1.18E-06	1.19E-06	1.08E-06	4.91E-07	5.01E-07	2.25E-08	5.43E-07	1.20E-07	1.61E-07	2.55E-07	4.50E-08	2.63E-07	1.41E-06

4923	495363.09	3862377.25	1.88E-03	1.89E-03	1.93E-03	6.50E-07	1.96E-06	1.14E-06	1.14E-06	1.04E-06	4.73E-07	4.83E-07	2.17E-08	5.24E-07	1.16E-07	1.55E-07	2.47E-07	4.34E-08	2.53E-07	1.36E-06
4924	495863.09	3862377.25	1.81E-03	1.83E-03	1.86E-03	6.29E-07	1.90E-06	1.10E-06	1.11E-06	1.00E-06	4.58E-07	4.66E-07	2.10E-08	5.07E-07	1.12E-07	1.50E-07	2.39E-07	4.21E-08	2.45E-07	1.32E-06
4925	496363.09	3862377.25	1.76E-03	1.77E-03	1.80E-03	6.08E-07	1.84E-06	1.06E-06	1.07E-06	9.72E-07	4.44E-07	4.50E-07	2.03E-08	4.91E-07	1.08E-07	1.46E-07	2.31E-07	4.07E-08	2.36E-07	1.27E-06
4926	496863.09	3862377.25	1.72E-03	1.74E-03	1.76E-03	5.96E-07	1.80E-06	1.04E-06	1.05E-06	9.53E-07	4.35E-07	4.40E-07	1.99E-08	4.81E-07	1.06E-07	1.43E-07	2.26E-07	3.99E-08	2.31E-07	1.25E-06
4927	497363.09	3862377.25	1.66E-03	1.68E-03	1.69E-03	5.76E-07	1.74E-06	1.01E-06	1.02E-06	9.21E-07	4.20E-07	4.25E-07	1.92E-08	4.65E-07	1.03E-07	1.38E-07	2.19E-07	3.86E-08	2.23E-07	1.20E-06
4928	497863.09	3862377.25	1.61E-03	1.63E-03	1.64E-03	5.59E-07	1.69E-06	9.77E-07	9.87E-07	8.94E-07	4.08E-07	4.12E-07	1.87E-08	4.51E-07	9.95E-08	1.34E-07	2.13E-07	3.75E-08	2.16E-07	1.17E-06
4929	498363.09	3862377.25	1.56E-03	1.58E-03	1.59E-03	5.40E-07	1.63E-06	9.45E-07	9.54E-07	8.65E-07	3.95E-07	3.98E-07	1.80E-08	4.36E-07	9.62E-08	1.30E-07	2.06E-07	3.62E-08	2.09E-07	1.13E-06
4930	471363.09	3862877.25	3.42E-04	3.49E-04	3.38E-04	1.19E-07	3.58E-07	2.07E-07	2.11E-07	1.91E-07	8.74E-08	8.46E-08	3.96E-09	9.57E-08	2.11E-08	2.87E-08	4.55E-08	8.02E-09	4.44E-08	2.47E-07
4931	471863.09	3862877.25	3.57E-04	3.63E-04	3.53E-04	1.24E-07	3.74E-07	2.16E-07	2.20E-07	2.00E-07	9.11E-08	8.83E-08	4.13E-09	9.98E-08	2.20E-08	2.99E-08	4.74E-08	8.36E-09	4.64E-08	2.58E-07
4932	472363.09	3862877.25	3.73E-04	3.80E-04	3.69E-04	1.29E-07	3.90E-07	2.26E-07	2.30E-07	2.08E-07	9.51E-08	9.24E-08	4.32E-09	1.04E-07	2.30E-08	3.12E-08	4.95E-08	8.73E-09	4.85E-08	2.70E-07
4933	472863.09	3862877.25	3.88E-04	3.94E-04	3.83E-04	1.34E-07	4.06E-07	2.35E-07	2.39E-07	2.16E-07	9.88E-08	9.61E-08	4.48E-09	1.08E-07	2.39E-08	3.24E-08	5.14E-08	9.06E-09	5.04E-08	2.80E-07
4934	473363.09	3862877.25	4.03E-04	4.10E-04	3.99E-04	1.40E-07	4.22E-07	2.44E-07	2.48E-07	2.25E-07	1.03E-07	1.00E-07	4.66E-09	1.13E-07	2.49E-08	3.37E-08	5.34E-08	9.42E-09	5.25E-08	2.91E-07
4935	473863.09	3862877.25	4.19E-04	4.26E-04	4.15E-04	1.45E-07	4.38E-07	2.54E-07	2.58E-07	2.34E-07	1.07E-07	1.04E-07	4.85E-09	1.17E-07	2.58E-08	3.50E-08	5.55E-08	9.79E-09	5.46E-08	3.03E-07
4936	474363.09	3862877.25	4.34E-04	4.41E-04	4.31E-04	1.50E-07	4.54E-07	2.63E-07	2.67E-07	2.42E-07	1.11E-07	1.08E-07	5.03E-09	1.21E-07	2.68E-08	3.63E-08	5.76E-08	1.02E-08	5.66E-08	3.14E-07
4937	474863.09	3862877.25	4.51E-04	4.59E-04	4.48E-04	1.56E-07	4.72E-07	2.73E-07	2.78E-07	2.52E-07	1.15E-07	1.12E-07	5.22E-09	1.26E-07	2.78E-08	3.77E-08	5.98E-08	1.05E-08	5.89E-08	3.26E-07
4938	475363.09	3862877.25	4.74E-04	4.81E-04	4.71E-04	1.64E-07	4.96E-07	2.87E-07	2.91E-07	2.64E-07	1.21E-07	1.18E-07	5.48E-09	1.32E-07	2.92E-08	3.96E-08	6.28E-08	1.11E-08	6.19E-08	3.42E-07
4939	475863.09	3862877.25	4.96E-04	5.03E-04	4.94E-04	1.72E-07	5.19E-07	3.00E-07	3.05E-07	2.76E-07	1.26E-07	1.24E-07	5.74E-09	1.39E-07	3.06E-08	4.14E-08	6.57E-08	1.16E-08	6.50E-08	3.59E-07
4940	476363.09	3862877.25	5.19E-04	5.27E-04	5.19E-04	1.80E-07	5.44E-07	3.15E-07	3.19E-07	2.89E-07	1.32E-07	1.30E-07	6.01E-09	1.45E-07	3.20E-08	4.34E-08	6.88E-08	1.21E-08	6.82E-08	3.76E-07
4941	476863.09	3862877.25	5.40E-04	5.48E-04	5.40E-04	1.87E-07	5.65E-07	3.27E-07	3.32E-07	3.01E-07	1.37E-07	1.35E-07	6.25E-09	1.51E-07	3.33E-08	4.51E-08	7.15E-08	1.26E-08	7.10E-08	3.91E-07
4942	477363.09	3862877.25	5.58E-04	5.66E-04	5.57E-04	1.93E-07	5.84E-07	3.38E-07	3.43E-07	3.11E-07	1.42E-07	1.40E-07	6.45E-09	1.56E-07	3.44E-08	4.65E-08	7.38E-08	1.30E-08	7.33E-08	4.03E-07
4943	477863.09	3862877.25	5.25E-04	5.34E-04	5.22E-04	1.82E-07	5.49E-07	3.18E-07	3.23E-07	2.93E-07	1.34E-07	1.31E-07	6.08E-09	1.47E-07	3.24E-08	4.39E-08	6.96E-08	1.23E-08	6.86E-08	3.80E-07
4944	478363.09	3862877.25	4.15E-04	4.24E-04	4.05E-04	1.44E-07	4.34E-07	2.51E-07	2.57E-07	2.33E-07	1.06E-07	1.02E-07	4.80E-09	1.16E-07	2.56E-08	3.48E-08	5.53E-08	9.74E-09	5.33E-08	3.00E-07
4945	478863.09	3862877.25	4.40E-04	4.49E-04	4.30E-04	1.53E-07	4.61E-07	2.67E-07	2.72E-07	2.47E-07	1.13E-07	1.08E-07	5.10E-09	1.23E-07	2.72E-08	3.70E-08	5.86E-08	1.03E-08	5.65E-08	3.18E-07
4946	479363.09	3862877.25	4.81E-04	4.90E-04	4.71E-04	1.67E-07	5.03E-07	2.91E-07	2.97E-07	2.69E-07	1.23E-07	1.18E-07	5.56E-09	1.34E-07	2.96E-08	4.03E-08	6.39E-08	1.13E-08	6.19E-08	3.47E-07
4947	479863.09	3862877.25	7.80E-04	7.91E-04	7.83E-04	2.70E-07	8.17E-07	4.73E-07	4.79E-07	4.34E-07	1.98E-07	1.96E-07	9.03E-09	2.18E-07	4.81E-08	6.51E-08	1.03E-07	1.82E-08	1.03E-07	5.65E-07
4948	480363.09	3862877.25	8.53E-04	8.64E-04	8.58E-04	2.96E-07	8.93E-07	5.17E-07	5.24E-07	4.75E-07	2.17E-07	2.15E-07	9.87E-09	2.39E-07	5.26E-08	7.11E-08	1.13E-07	1.99E-08	1.13E-07	6.18E-07
4949	480863.09	3862877.25	9.10E-04	9.22E-04	9.15E-04	3.15E-07	9.52E-07	5.51E-07	5.59E-07	5.06E-07	2.31E-07	2.29E-07	1.05E-08	2.54E-07	5.61E-08	7.58E-08	1.20E-07	2.12E-08	1.20E-07	6.59E-07
4950	481363.09	3862877.25	9.64E-04	9.77E-04	9.70E-04	3.34E-07	1.01E-06	5.84E-07	5.92E-07	5.36E-07	2.45E-07	2.43E-07	1.12E-08	2.70E-07	5.95E-08	8.03E-08	1.27E-07	2.25E-08	1.28E-07	6.98E-07
4951	481863.09	3862877.25	9.98E-04	1.01E-03	1.00E-03	3.46E-07	1.04E-06	6.04E-07	6.12E-07	5.55E-07	2.53E-07	2.52E-07	1.15E-08	2.79E-07	6.16E-08	8.31E-08	1.32E-07	2.32E-08	1.32E-07	7.22E-07
4952	482363.09	3862877.25	1.05E-03	1.07E-03	1.06E-03	3.65E-07	1.10E-06	6.38E-07	6.45E-07	5.85E-07	2.67E-07	2.66E-07	1.22E-08	2.94E-07	6.49E-08	8.76E-08	1.39E-07	2.45E-08	1.40E-07	7.62E-07
4953	482863.09	3862877.25	1.10E-03	1.12E-03	1.11E-03	3.82E-07	1.15E-06	6.68E-07	6.76E-07	6.13E-07	2.80E-07	2.79E-07	1.28E-08	3.08E-07	6.80E-08	9.18E-08	1.46E-07	2.57E-08	1.46E-07	7.98E-07
4954	483363.09	3862877.25	1.16E-03	1.17E-03	1.17E-03	4.01E-07	1.21E-06	7.01E-07	7.09E-07	6.43E-07	2.93E-07	2.93E-07	1.34E-08	3.23E-07	7.13E-08	9.63E-08	1.53E-07	2.69E-08	1.54E-07	8.38E-07
4955	483863.09	3862877.25	1.21E-03	1.22E-03	1.22E-03	4.19E-07	1.27E-06	7.32E-07	7.41E-07	6.71E-07	3.06E-07	3.07E-07	1.40E-08	3.38E-07	7.46E-08	1.01E-07	1.60E-07	2.81E-08	1.61E-07	8.76E-07
4956	484363.09	3862877.25	1.25E-03	1.26E-03	1.27E-03	4.33E-07	1.31E-06	7.58E-07	7.66E-07	6.94E-07	3.17E-07	3.18E-07	1.45E-08	3.50E-07	7.71E-08	1.04E-07	1.65E-07	2.91E-08	1.67E-07	9.06E-07
4957	484863.09	3862877.25	1.31E-03	1.33E-03	1.33E-03	4.55E-07	1.37E-06	7.95E-07	8.03E-07	7.28E-07	3.32E-07	3.34E-07	1.52E-08	3.67E-07	8.09E-08	1.09E-07	1.73E-07	3.05E-08	1.75E-07	9.51E-07
4958	485363.09	3862877.25	1.40E-03	1.41E-03	1.42E-03	4.83E-07	1.46E-06	8.45E-07	8.53E-07	7.73E-07	3.53E-07	3.57E-07	1.61E-08	3.90E-07	8.61E-08	1.16E-07	1.84E-07	3.24E-08	1.87E-07	1.01E-06
4959	485863.09	3862877.25	1.46E-03	1.48E-03	1.50E-03	5.07E-07	1.53E-06	8.86E-07	8.94E-07	8.10E-07	3.70E-07	3.75E-07	1.69E-08	4.09E-07	9.03E-08	1.21E-07	1.93E-07	3.39E-08	1.97E-07	1.06E-06
4960	486363.09	3862877.25	1.54E-03	1.55E-03	1.58E-03	5.33E-07	1.61E-06	9.31E-07	9.38E-07	8.51E-07	3.88E-07	3.95E-07	1.78E-08	4.30E-07	9.48E-08	1.27E-07	2.02E-07	3.56E-08	2.07E-07	1.11E-06
4961	486863.09	3862877.25	1.54E-03	1.55E-03	1.58E-03	5.34E-07	1.61E-06	9.33E-07	9.40E-07	8.52E-07	3.89E-07	3.96E-07	1.78E-08	4.30E-07	9.50E-08	1.28E-07	2.02E-07	3.57E-08	2.08E-07	1.12E-06
4962	487363.09	3862877.25	1.58E-03	1.59E-03	1.62E-03	5.48E-07	1.65E-06	9.57E-07	9.64E-07	8.74E-07	3.99E-07	4.06E-07	1.83E-08	4.42E-07	9.75E-08	1.31E-07	2.08E-07	3.66E-08	2.13E-07	1.15E-06
4963	487863.09	3862877.25	1.60E-03	1.61E-03	1.64E-03	5.54E-07	1.67E-06	9.68E-07	9.75E-07	8.84E-07	4.03E-07	4.11E-07	1.85E-08	4.47E-07	9.85E-08	1.32E-07	2.10E-07	3.70E-08	2.15E-07	1.16E-06
4964	488363.09	3862877.25	1.55E-03	1.57E-03	1.59E-03	5.38E-07	1.62E-06	9.41E-07	9.48E-07	8.60E-07	3.92E-07	3.99E-07	1.80E-08	4.34E-07	9.58E-08	1.29E-07	2.04E-07	3.60E-08	2.09E-07	1.13E-06
4965	488863.09	3862877.25	1.54E-03	1.55E-03	1.58E-03	5.33E-07	1.61E-06	9.32E-07	9.40E-07	8.52E-07	3.89E-07	3.96E-07	1.78E-08	4.30E-07	9.49E-08	1.28E-07	2.02E-07	3.57E-08	2.08E-07	1.12E-06
4966	489363.09	3862877.25	1.57E-03	1.58E-03	1.61E-03	5.44E-07	1.64E-06	9.51E-07	9.59E-07	8.69E-07	3.97E-07	4.04E-07	1.82E-08	4.39E-07	9.69E-08	1.30E-07	2.07E-07	3.64E-08	2.12E-07	1.14E-06
4967	489863.09	3862877.25	1.60E-03	1.61E-03	1.64E-03	5.53E-07	1.67E-06	9.66E-07	9.74E-07	8.83E-07	4.03E-07	4.10E-07	1.85E-08	4.46E-07	9.84E-08	1.32E-07	2.10E-07	3.70E-08	2.15E-07	1.16E-06
4968	490363.09	3862877.25	1.63E-03	1.65E-03	1.67E-03	5.66E-07	1.71E-06	9.89E-07	9.97E-07	9.03E-07	4.12E-07	4.20E-07	1.89E-08	4.56E-07	1.01E-07	1.35E-07	2.15E-07	3.78E-08	2.20E-07	1.18E-06
4969	490863.09	3862877.25	1.67E-03	1.69E-03	1.72E-03	5.80E-07	1.75E-06	1.01E-06	1.02E-06	9.27E-07	4.23E-07	4.31E-07	1.94E-08	4.68E-07	1.03E-07	1.39E-07	2.20E-07	3.88E-08	2.26E-07	1.21E-06
4970	491363.09	3862877.25	1.69E-03	1.70E-03	1.73E-03	5.86E-07	1.77E-06	1.02E-06	1.03E-06	9.36E-07	4.27E-07	4.35E-07	1.96E-08	4.73E-07	1.04E-07	1.40E-07	2.22E-07	3.92E-08	2.28E-07	1.23E-06
4971	491863.09	3862877.25	1.64E-03	1.65E-03	1.68E-03	5.67E-07	1.71E-06	9.91E-07	1.00E-06	9.06E-07	4.13E-07	4.20E-07	1.89E-08	4.58E-07	1.01E-07	1.36E-07	2.15E-07	3.79E-08	2.21E-07	1.19E-06
4972	492363.09	3862877.25	1.60E-03	1.62E-03	1.64E-03	5.56E-07	1.68E-06	9.71E-07	9.79E-07	8.88E-07	4.05E-07	4.11E-07	1.86E-08	4.48E-07	9.89E-08	1.33E-07	2.11E-07	3.72E-08	2.16E-07	1.16E-06
4973	492863.09	3862877.25	1.61E-03	1.62E-03	1.64E-03	5.56E-07	1.68E-06	9.72E-07	9.81E-07	8.89E-07	4.06E-07	4.11E-07	1.86E-08	4.49E-07	9.90E-08	1.33E-07	2.11E-07	3.72E-08	2.16E-07	1.16E-06
4974	493363.09	3862877.25	1.63E-03	1.64E-03	1.66E-03	5.64E-07	1.70E-06	9.86E-07	9.94E-07	9.01E-07	4.11E-07	4.17E-07	1.88E-08	4.55E-07	1.00E-07	1.35E-07	2.14E-07	3.77E-08	2.19E-07	1.18E-06
4975	493863.09	3862877.25	1.64E-03	1.65E-03	1.68E-03	5.67E-07	1.71E-06	9.92E-07	1.00E-06	9.07E-07	4.14E-07	4.20E-07	1.89E-08	4.58E-07	1.01E-07	1.36E-07	2.15E-07	3.80E-08	2.21E-07	1.19E-06

4976	494363.09	3862877.25	1.62E-03	1.64E-03	1.67E-03	5.63E-07	1.70E-06	9.84E-07	9.92E-07	8.99E-07	4.10E-07	4.18E-07	1.88E-08	4.54E-07	1.00E-07	1.35E-07	2.14E-07	3.77E-08	2.19E-07	1.18E-06
4977	494863.09	3862877.25	1.60E-03	1.61E-03	1.64E-03	5.54E-07	1.67E-06	9.69E-07	9.77E-07	8.85E-07	4.04E-07	4.11E-07	1.85E-08	4.47E-07	9.87E-08	1.33E-07	2.10E-07	3.71E-08	2.16E-07	1.16E-06
4978	495363.09	3862877.25	1.58E-03	1.59E-03	1.62E-03	5.47E-07	1.65E-06	9.56E-07	9.64E-07	8.74E-07	3.99E-07	4.06E-07	1.83E-08	4.41E-07	9.74E-08	1.31E-07	2.08E-07	3.66E-08	2.13E-07	1.14E-06
4979	495863.09	3862877.25	1.55E-03	1.56E-03	1.59E-03	5.37E-07	1.62E-06	9.39E-07	9.46E-07	8.58E-07	3.91E-07	3.98E-07	1.79E-08	4.33E-07	9.56E-08	1.29E-07	2.04E-07	3.59E-08	2.09E-07	1.12E-06
4980	496363.09	3862877.25	1.51E-03	1.52E-03	1.55E-03	5.24E-07	1.58E-06	9.15E-07	9.23E-07	8.37E-07	3.82E-07	3.88E-07	1.75E-08	4.22E-07	9.32E-08	1.25E-07	1.99E-07	3.50E-08	2.03E-07	1.10E-06
4981	496863.09	3862877.25	1.47E-03	1.48E-03	1.50E-03	5.09E-07	1.54E-06	8.89E-07	8.97E-07	8.13E-07	3.71E-07	3.76E-07	1.70E-08	4.10E-07	9.05E-08	1.22E-07	1.93E-07	3.40E-08	1.97E-07	1.06E-06
4982	497363.09	3862877.25	1.42E-03	1.44E-03	1.45E-03	4.93E-07	1.49E-06	8.61E-07	8.69E-07	7.88E-07	3.60E-07	3.64E-07	1.65E-08	3.97E-07	8.77E-08	1.18E-07	1.87E-07	3.30E-08	1.91E-07	1.03E-06
4983	497863.09	3862877.25	1.38E-03	1.40E-03	1.41E-03	4.80E-07	1.45E-06	8.38E-07	8.47E-07	7.68E-07	3.50E-07	3.53E-07	1.60E-08	3.87E-07	8.54E-08	1.15E-07	1.82E-07	3.21E-08	1.85E-07	1.00E-06
4984	498363.09	3862877.25	1.35E-03	1.37E-03	1.38E-03	4.70E-07	1.42E-06	8.21E-07	8.29E-07	7.52E-07	3.43E-07	3.45E-07	1.57E-08	3.79E-07	8.36E-08	1.13E-07	1.79E-07	3.15E-08	1.81E-07	9.82E-07
4985	471363.09	3863377.25	3.37E-04	3.43E-04	3.33E-04	1.17E-07	3.53E-07	2.04E-07	2.08E-07	1.88E-07	8.59E-08	8.34E-08	3.90E-09	9.42E-08	2.08E-08	2.82E-08	4.47E-08	7.88E-09	4.38E-08	2.43E-07
4986	471863.09	3863377.25	3.50E-04	3.56E-04	3.46E-04	1.21E-07	3.66E-07	2.12E-07	2.15E-07	1.95E-07	8.91E-08	8.67E-08	4.05E-09	9.77E-08	2.16E-08	2.92E-08	4.64E-08	8.18E-09	4.55E-08	2.53E-07
4987	472363.09	3863377.25	3.63E-04	3.69E-04	3.60E-04	1.26E-07	3.80E-07	2.20E-07	2.24E-07	2.03E-07	9.25E-08	9.02E-08	4.20E-09	1.02E-07	2.24E-08	3.04E-08	4.82E-08	8.49E-09	4.73E-08	2.62E-07
4988	472863.09	3863377.25	3.77E-04	3.83E-04	3.74E-04	1.31E-07	3.95E-07	2.28E-07	2.32E-07	2.11E-07	9.61E-08	9.37E-08	4.36E-09	1.05E-07	2.33E-08	3.15E-08	5.00E-08	8.82E-09	4.92E-08	2.73E-07
4989	473363.09	3863377.25	3.92E-04	3.98E-04	3.89E-04	1.36E-07	4.10E-07	2.37E-07	2.41E-07	2.19E-07	9.97E-08	9.74E-08	4.53E-09	1.09E-07	2.42E-08	3.27E-08	5.19E-08	9.15E-09	5.11E-08	2.83E-07
4990	473863.09	3863377.25	4.06E-04	4.12E-04	4.03E-04	1.41E-07	4.25E-07	2.46E-07	2.50E-07	2.26E-07	1.03E-07	1.01E-07	4.70E-09	1.13E-07	2.50E-08	3.39E-08	5.38E-08	9.48E-09	5.30E-08	2.94E-07
4991	474363.09	3863377.25	4.20E-04	4.27E-04	4.18E-04	1.46E-07	4.40E-07	2.55E-07	2.59E-07	2.34E-07	1.07E-07	1.05E-07	4.86E-09	1.17E-07	2.59E-08	3.51E-08	5.57E-08	9.81E-09	5.50E-08	3.04E-07
4992	474863.09	3863377.25	4.40E-04	4.46E-04	4.39E-04	1.52E-07	4.60E-07	2.66E-07	2.70E-07	2.45E-07	1.12E-07	1.10E-07	5.09E-09	1.23E-07	2.71E-08	3.67E-08	5.82E-08	1.03E-08	5.77E-08	3.18E-07
4993	475363.09	3863377.25	4.58E-04	4.65E-04	4.58E-04	1.59E-07	4.80E-07	2.78E-07	2.82E-07	2.55E-07	1.17E-07	1.15E-07	5.30E-09	1.28E-07	2.83E-08	3.82E-08	6.07E-08	1.07E-08	6.02E-08	3.32E-07
4994	475863.09	3863377.25	4.80E-04	4.87E-04	4.80E-04	1.66E-07	5.02E-07	2.91E-07	2.95E-07	2.67E-07	1.22E-07	1.20E-07	5.55E-09	1.34E-07	2.96E-08	4.00E-08	6.35E-08	1.12E-08	6.31E-08	3.47E-07
4995	476363.09	3863377.25	5.07E-04	5.14E-04	5.08E-04	1.76E-07	5.31E-07	3.07E-07	3.11E-07	2.82E-07	1.29E-07	1.27E-07	5.87E-09	1.42E-07	3.13E-08	4.23E-08	6.71E-08	1.18E-08	6.68E-08	3.67E-07
4996	476863.09	3863377.25	5.36E-04	5.43E-04	5.37E-04	1.86E-07	5.60E-07	3.24E-07	3.29E-07	2.98E-07	1.36E-07	1.35E-07	6.20E-09	1.50E-07	3.30E-08	4.47E-08	7.08E-08	1.25E-08	7.06E-08	3.88E-07
4997	477363.09	3863377.25	5.62E-04	5.69E-04	5.63E-04	1.95E-07	5.88E-07	3.40E-07	3.45E-07	3.13E-07	1.43E-07	1.41E-07	6.50E-09	1.57E-07	3.46E-08	4.68E-08	7.43E-08	1.31E-08	7.40E-08	4.06E-07
4998	477863.09	3863377.25	5.71E-04	5.79E-04	5.71E-04	1.98E-07	5.97E-07	3.46E-07	3.51E-07	3.18E-07	1.45E-07	1.43E-07	6.61E-09	1.60E-07	3.52E-08	4.76E-08	7.55E-08	1.33E-08	7.51E-08	4.13E-07
4999	478363.09	3863377.25	5.23E-04	5.31E-04	5.19E-04	1.81E-07	5.47E-07	3.17E-07	3.22E-07	2.92E-07	1.33E-07	1.30E-07	6.05E-09	1.46E-07	3.22E-08	4.37E-08	6.93E-08	1.22E-08	6.82E-08	3.78E-07
5000	478863.09	3863377.25	5.72E-04	5.81E-04	5.70E-04	1.98E-07	5.99E-07	3.47E-07	3.52E-07	3.19E-07	1.46E-07	1.43E-07	6.62E-09	1.60E-07	3.53E-08	4.78E-08	7.58E-08	1.34E-08	7.49E-08	4.14E-07
5001	479363.09	3863377.25	6.72E-04	6.81E-04	6.73E-04	2.33E-07	7.03E-07	4.07E-07	4.13E-07	3.74E-07	1.71E-07	1.69E-07	7.77E-09	1.88E-07	4.14E-08	5.60E-08	8.89E-08	1.57E-08	8.85E-08	4.86E-07
5002	479863.09	3863377.25	7.53E-04	7.63E-04	7.57E-04	2.61E-07	7.88E-07	4.56E-07	4.62E-07	4.19E-07	1.91E-07	1.90E-07	8.71E-09	2.10E-07	4.64E-08	6.27E-08	9.95E-08	1.75E-08	9.95E-08	5.45E-07
5003	480363.09	3863377.25	7.95E-04	8.06E-04	8.00E-04	2.76E-07	8.32E-07	4.82E-07	4.88E-07	4.42E-07	2.02E-07	2.00E-07	9.20E-09	2.22E-07	4.91E-08	6.63E-08	1.05E-07	1.85E-08	1.05E-07	5.76E-07
5004	480863.09	3863377.25	8.32E-04	8.43E-04	8.36E-04	2.88E-07	8.71E-07	5.04E-07	5.11E-07	4.63E-07	2.11E-07	2.10E-07	9.63E-09	2.33E-07	5.13E-08	6.94E-08	1.10E-07	1.94E-08	1.10E-07	6.02E-07
5005	481363.09	3863377.25	8.66E-04	8.77E-04	8.71E-04	3.00E-07	9.06E-07	5.24E-07	5.31E-07	4.82E-07	2.20E-07	2.18E-07	1.00E-08	2.42E-07	5.34E-08	7.21E-08	1.14E-07	2.02E-08	1.14E-07	6.27E-07
5006	481863.09	3863377.25	8.98E-04	9.10E-04	9.04E-04	3.11E-07	9.40E-07	5.44E-07	5.51E-07	4.99E-07	2.28E-07	2.27E-07	1.04E-08	2.51E-07	5.54E-08	7.48E-08	1.19E-07	2.09E-08	1.19E-07	6.50E-07
5007	482363.09	3863377.25	9.36E-04	9.48E-04	9.44E-04	3.25E-07	9.80E-07	5.67E-07	5.74E-07	5.21E-07	2.38E-07	2.37E-07	1.08E-08	2.62E-07	5.78E-08	7.80E-08	1.24E-07	2.18E-08	1.24E-07	6.78E-07
5008	482863.09	3863377.25	9.75E-04	9.87E-04	9.84E-04	3.38E-07	1.02E-06	5.91E-07	5.98E-07	5.42E-07	2.47E-07	2.46E-07	1.13E-08	2.73E-07	6.01E-08	8.12E-08	1.29E-07	2.27E-08	1.29E-07	7.06E-07
5009	483363.09	3863377.25	1.01E-03	1.02E-03	1.02E-03	3.50E-07	1.06E-06	6.12E-07	6.19E-07	5.61E-07	2.56E-07	2.56E-07	1.17E-08	2.82E-07	6.23E-08	8.41E-08	1.33E-07	2.35E-08	1.34E-07	7.31E-07
5010	483863.09	3863377.25	1.04E-03	1.05E-03	1.05E-03	3.61E-07	1.09E-06	6.31E-07	6.38E-07	5.78E-07	2.64E-07	2.64E-07	1.20E-08	2.91E-07	6.42E-08	8.66E-08	1.37E-07	2.42E-08	1.39E-07	7.54E-07
5011	484363.09	3863377.25	1.08E-03	1.09E-03	1.10E-03	3.75E-07	1.13E-06	6.55E-07	6.62E-07	6.00E-07	2.74E-07	2.75E-07	1.25E-08	3.02E-07	6.67E-08	8.99E-08	1.43E-07	2.51E-08	1.44E-07	7.83E-07
5012	484863.09	3863377.25	1.14E-03	1.15E-03	1.16E-03	3.95E-07	1.19E-06	6.91E-07	6.98E-07	6.33E-07	2.89E-07	2.90E-07	1.32E-08	3.19E-07	7.04E-08	9.48E-08	1.50E-07	2.65E-08	1.52E-07	8.27E-07
5013	485363.09	3863377.25	1.19E-03	1.21E-03	1.22E-03	4.14E-07	1.25E-06	7.23E-07	7.30E-07	6.62E-07	3.02E-07	3.05E-07	1.38E-08	3.34E-07	7.36E-08	9.91E-08	1.57E-07	2.77E-08	1.60E-07	8.65E-07
5014	485863.09	3863377.25	1.25E-03	1.26E-03	1.28E-03	4.32E-07	1.30E-06	7.55E-07	7.62E-07	6.91E-07	3.15E-07	3.20E-07	1.44E-08	3.49E-07	7.69E-08	1.03E-07	1.64E-07	2.89E-08	1.68E-07	9.04E-07
5015	486363.09	3863377.25	1.28E-03	1.29E-03	1.31E-03	4.43E-07	1.34E-06	7.74E-07	7.80E-07	7.07E-07	3.23E-07	3.28E-07	1.48E-08	3.57E-07	7.88E-08	1.06E-07	1.68E-07	2.96E-08	1.72E-07	9.26E-07
5016	486863.09	3863377.25	1.27E-03	1.28E-03	1.30E-03	4.39E-07	1.33E-06	7.67E-07	7.74E-07	7.01E-07	3.20E-07	3.25E-07	1.47E-08	3.54E-07	7.81E-08	1.05E-07	1.67E-07	2.94E-08	1.71E-07	9.18E-07
5017	487363.09	3863377.25	1.28E-03	1.29E-03	1.31E-03	4.44E-07	1.34E-06	7.76E-07	7.82E-07	7.09E-07	3.24E-07	3.29E-07	1.48E-08	3.58E-07	7.90E-08	1.06E-07	1.69E-07	2.97E-08	1.72E-07	9.29E-07
5018	487863.09	3863377.25	1.29E-03	1.30E-03	1.32E-03	4.48E-07	1.35E-06	7.83E-07	7.90E-07	7.16E-07	3.27E-07	3.31E-07	1.50E-08	3.61E-07	7.97E-08	1.07E-07	1.70E-07	3.00E-08	1.74E-07	9.37E-07
5019	488363.09	3863377.25	1.26E-03	1.27E-03	1.29E-03	4.38E-07	1.32E-06	7.65E-07	7.72E-07	7.00E-07	3.19E-07	3.23E-07	1.46E-08	3.53E-07	7.79E-08	1.05E-07	1.66E-07	2.93E-08	1.70E-07	9.16E-07
5020	488863.09	3863377.25	1.24E-03	1.25E-03	1.27E-03	4.30E-07	1.30E-06	7.52E-07	7.59E-07	6.88E-07	3.14E-07	3.18E-07	1.44E-08	3.47E-07	7.66E-08	1.03E-07	1.64E-07	2.88E-08	1.67E-07	9.01E-07
5021	489363.09	3863377.25	1.26E-03	1.27E-03	1.29E-03	4.38E-07	1.32E-06	7.65E-07	7.72E-07	7.00E-07	3.19E-07	3.24E-07	1.46E-08	3.53E-07	7.79E-08	1.05E-07	1.66E-07	2.93E-08	1.70E-07	9.16E-07
5022	489863.09	3863377.25	1.28E-03	1.29E-03	1.31E-03	4.44E-07	1.34E-06	7.76E-07	7.83E-07	7.10E-07	3.24E-07	3.29E-07	1.48E-08	3.58E-07	7.91E-08	1.06E-07	1.69E-07	2.97E-08	1.72E-07	9.29E-07
5023	490363.09	3863377.25	1.30E-03	1.31E-03	1.33E-03	4.50E-07	1.36E-06	7.86E-07	7.93E-07	7.19E-07	3.28E-07	3.32E-07	1.50E-08	3.63E-07	8.00E-08	1.08E-07	1.71E-07	3.01E-08	1.74E-07	9.41E-07
5024	490863.09	3863377.25	1.34E-03	1.35E-03	1.37E-03	4.63E-07	1.40E-06	8.09E-07	8.16E-07	7.40E-07	3.38E-07	3.42E-07	1.55E-08	3.73E-07	8.24E-08	1.11E-07	1.76E-07	3.10E-08	1.80E-07	9.68E-07
5025	491363.09	3863377.25	1.36E-03	1.38E-03	1.40E-03	4.73E-07	1.43E-06	8.27E-07	8.34E-07	7.56E-07	3.45E-07	3.50E-07	1.58E-08	3.82E-07	8.42E-08	1.13E-07	1.80E-07	3.17E-08	1.84E-07	9.90E-07
5026	491863.09	3863377.25	1.37E-03	1.38E-03	1.40E-03	4.76E-07	1.44E-06	8.32E-07	8.39E-07	7.60E-07	3.47E-07	3.52E-07	1.59E-08	3.84E-07	8.47E-08	1.14E-07	1.81E-07	3.18E-08	1.85E-07	9.95E-07
5027	492363.09	3863377.25	1.35E-03	1.36E-03	1.38E-03	4.68E-07	1.41E-06	8.19E-07	8.26E-07	7.49E-07	3.42E-07	3.46E-07	1.56E-08	3.78E-07	8.34E-08	1.12E-07	1.78E-07	3.13E-08	1.82E-07	9.80E-07
5028	492863.09	3863377.25	1.33E-03	1.34E-03	1.35E-03	4.59E-07	1.39E-06	8.03E-07	8.11E-07	7.35E-07	3.35E-07	3.39E-07	1.53E-08	3.71E-07	8.18E-08	1.10E-07	1.75E-07	3.08E-08	1.78E-07	9.61E-07

5029	493363.09	3863377.25	1.31E-03	1.33E-03	1.34E-03	4.55E-07	1.37E-06	7.95E-07	8.03E-07	7.28E-07	3.32E-07	3.35E-07	1.52E-08	3.67E-07	8.10E-08	1.09E-07	1.73E-07	3.05E-08	1.76E-07	9.51E-07
5030	493863.09	3863377.25	1.33E-03	1.34E-03	1.35E-03	4.61E-07	1.39E-06	8.05E-07	8.13E-07	7.37E-07	3.36E-07	3.39E-07	1.54E-08	3.72E-07	8.20E-08	1.10E-07	1.75E-07	3.09E-08	1.78E-07	9.63E-07
5031	494363.09	3863377.25	1.35E-03	1.36E-03	1.38E-03	4.67E-07	1.41E-06	8.16E-07	8.24E-07	7.47E-07	3.41E-07	3.45E-07	1.56E-08	3.77E-07	8.31E-08	1.12E-07	1.77E-07	3.13E-08	1.81E-07	9.77E-07
5032	494863.09	3863377.25	1.35E-03	1.36E-03	1.38E-03	4.69E-07	1.42E-06	8.19E-07	8.27E-07	7.49E-07	3.42E-07	3.46E-07	1.57E-08	3.78E-07	8.34E-08	1.12E-07	1.78E-07	3.14E-08	1.82E-07	9.81E-07
5033	495363.09	3863377.25	1.35E-03	1.36E-03	1.38E-03	4.68E-07	1.41E-06	8.17E-07	8.24E-07	7.47E-07	3.41E-07	3.46E-07	1.56E-08	3.77E-07	8.32E-08	1.12E-07	1.78E-07	3.13E-08	1.82E-07	9.78E-07
5034	495863.09	3863377.25	1.35E-03	1.36E-03	1.38E-03	4.66E-07	1.41E-06	8.15E-07	8.22E-07	7.45E-07	3.40E-07	3.45E-07	1.56E-08	3.76E-07	8.30E-08	1.12E-07	1.77E-07	3.12E-08	1.81E-07	9.75E-07
5035	496363.09	3863377.25	1.32E-03	1.33E-03	1.35E-03	4.58E-07	1.38E-06	8.01E-07	8.08E-07	7.32E-07	3.34E-07	3.39E-07	1.53E-08	3.70E-07	8.15E-08	1.10E-07	1.74E-07	3.07E-08	1.78E-07	9.59E-07
5036	496863.09	3863377.25	1.28E-03	1.29E-03	1.31E-03	4.43E-07	1.34E-06	7.74E-07	7.80E-07	7.07E-07	3.23E-07	3.27E-07	1.48E-08	3.57E-07	7.88E-08	1.06E-07	1.68E-07	2.96E-08	1.72E-07	9.26E-07
5037	497363.09	3863377.25	1.25E-03	1.26E-03	1.28E-03	4.33E-07	1.31E-06	7.56E-07	7.63E-07	6.91E-07	3.16E-07	3.19E-07	1.44E-08	3.49E-07	7.70E-08	1.04E-07	1.64E-07	2.90E-08	1.68E-07	9.05E-07
5038	497863.09	3863377.25	1.22E-03	1.23E-03	1.24E-03	4.22E-07	1.28E-06	7.38E-07	7.45E-07	6.76E-07	3.08E-07	3.11E-07	1.41E-08	3.41E-07	7.52E-08	1.01E-07	1.61E-07	2.83E-08	1.63E-07	8.83E-07
5039	498363.09	3863377.25	1.19E-03	1.20E-03	1.21E-03	4.12E-07	1.24E-06	7.19E-07	7.27E-07	6.59E-07	3.01E-07	3.03E-07	1.37E-08	3.32E-07	7.33E-08	9.86E-08	1.56E-07	2.76E-08	1.59E-07	8.61E-07
5040	471363.09	3863877.25	3.31E-04	3.36E-04	3.28E-04	1.15E-07	3.46E-07	2.00E-07	2.04E-07	1.85E-07	8.42E-08	8.21E-08	3.83E-09	9.24E-08	2.04E-08	2.76E-08	4.39E-08	7.73E-09	4.31E-08	2.39E-07
5041	471863.09	3863877.25	3.39E-04	3.45E-04	3.36E-04	1.17E-07	3.55E-07	2.05E-07	2.09E-07	1.89E-07	8.63E-08	8.42E-08	3.92E-09	9.48E-08	2.09E-08	2.83E-08	4.50E-08	7.92E-09	4.42E-08	2.45E-07
5042	472363.09	3863877.25	3.51E-04	3.57E-04	3.48E-04	1.22E-07	3.67E-07	2.13E-07	2.16E-07	1.96E-07	8.94E-08	8.72E-08	4.06E-09	9.81E-08	2.16E-08	2.93E-08	4.65E-08	8.20E-09	4.58E-08	2.54E-07
5043	472863.09	3863877.25	3.63E-04	3.69E-04	3.61E-04	1.26E-07	3.80E-07	2.20E-07	2.23E-07	2.03E-07	9.24E-08	9.04E-08	4.20E-09	1.01E-07	2.24E-08	3.03E-08	4.81E-08	8.48E-09	4.74E-08	2.62E-07
5044	473363.09	3863877.25	3.77E-04	3.83E-04	3.76E-04	1.31E-07	3.95E-07	2.29E-07	2.32E-07	2.10E-07	9.60E-08	9.41E-08	4.37E-09	1.05E-07	2.33E-08	3.15E-08	5.00E-08	8.81E-09	4.94E-08	2.73E-07
5045	473863.09	3863877.25	3.90E-04	3.96E-04	3.89E-04	1.35E-07	4.08E-07	2.36E-07	2.40E-07	2.18E-07	9.93E-08	9.75E-08	4.52E-09	1.09E-07	2.41E-08	3.26E-08	5.17E-08	9.11E-09	5.12E-08	2.82E-07
5046	474363.09	3863877.25	4.06E-04	4.12E-04	4.06E-04	1.41E-07	4.25E-07	2.46E-07	2.50E-07	2.26E-07	1.03E-07	1.02E-07	4.70E-09	1.14E-07	2.51E-08	3.39E-08	5.38E-08	9.48E-09	5.34E-08	2.94E-07
5047	474863.09	3863877.25	4.27E-04	4.33E-04	4.28E-04	1.48E-07	4.47E-07	2.59E-07	2.62E-07	2.38E-07	1.09E-07	1.07E-07	4.95E-09	1.19E-07	2.64E-08	3.56E-08	5.65E-08	9.96E-09	5.62E-08	3.09E-07
5048	475363.09	3863877.25	4.47E-04	4.54E-04	4.48E-04	1.55E-07	4.68E-07	2.71E-07	2.75E-07	2.49E-07	1.14E-07	1.12E-07	5.18E-09	1.25E-07	2.76E-08	3.73E-08	5.92E-08	1.04E-08	5.89E-08	3.24E-07
5049	475863.09	3863877.25	4.74E-04	4.80E-04	4.76E-04	1.64E-07	4.96E-07	2.87E-07	2.91E-07	2.64E-07	1.20E-07	1.19E-07	5.48E-09	1.32E-07	2.92E-08	3.95E-08	6.27E-08	1.10E-08	6.25E-08	3.43E-07
5050	476363.09	3863877.25	4.98E-04	5.05E-04	5.00E-04	1.73E-07	5.21E-07	3.02E-07	3.06E-07	2.77E-07	1.26E-07	1.25E-07	5.76E-09	1.39E-07	3.07E-08	4.15E-08	6.58E-08	1.16E-08	6.58E-08	3.60E-07
5051	476863.09	3863877.25	5.24E-04	5.31E-04	5.26E-04	1.82E-07	5.48E-07	3.17E-07	3.22E-07	2.92E-07	1.33E-07	1.32E-07	6.07E-09	1.47E-07	3.23E-08	4.37E-08	6.93E-08	1.22E-08	6.92E-08	3.79E-07
5052	477363.09	3863877.25	5.48E-04	5.55E-04	5.50E-04	1.90E-07	5.73E-07	3.32E-07	3.36E-07	3.05E-07	1.39E-07	1.38E-07	6.34E-09	1.53E-07	3.38E-08	4.56E-08	7.24E-08	1.28E-08	7.23E-08	3.96E-07
5053	477863.09	3863877.25	5.62E-04	5.69E-04	5.63E-04	1.95E-07	5.88E-07	3.40E-07	3.45E-07	3.13E-07	1.43E-07	1.41E-07	6.50E-09	1.57E-07	3.46E-08	4.68E-08	7.43E-08	1.31E-08	7.40E-08	4.06E-07
5054	478363.09	3863877.25	5.45E-04	5.53E-04	5.44E-04	1.89E-07	5.70E-07	3.30E-07	3.35E-07	3.03E-07	1.38E-07	1.36E-07	6.30E-09	1.52E-07	3.36E-08	4.55E-08	7.21E-08	1.27E-08	7.15E-08	3.94E-07
5055	478863.09	3863877.25	6.17E-04	6.26E-04	6.20E-04	2.14E-07	6.46E-07	3.74E-07	3.79E-07	3.44E-07	1.57E-07	1.55E-07	7.15E-09	1.73E-07	3.81E-08	5.15E-08	8.16E-08	1.44E-08	8.15E-08	4.47E-07
5056	479363.09	3863877.25	6.63E-04	6.72E-04	6.66E-04	2.30E-07	6.94E-07	4.02E-07	4.07E-07	3.69E-07	1.68E-07	1.67E-07	7.67E-09	1.85E-07	4.09E-08	5.53E-08	8.76E-08	1.54E-08	8.76E-08	4.80E-07
5057	479863.09	3863877.25	6.96E-04	7.06E-04	7.00E-04	2.41E-07	7.29E-07	4.22E-07	4.27E-07	3.87E-07	1.77E-07	1.75E-07	8.06E-09	1.95E-07	4.30E-08	5.80E-08	9.21E-08	1.62E-08	9.20E-08	5.04E-07
5058	480363.09	3863877.25	7.26E-04	7.36E-04	7.30E-04	2.52E-07	7.60E-07	4.40E-07	4.46E-07	4.04E-07	1.84E-07	1.83E-07	8.41E-09	2.03E-07	4.48E-08	6.05E-08	9.60E-08	1.69E-08	9.59E-08	5.26E-07
5059	480863.09	3863877.25	7.52E-04	7.62E-04	7.55E-04	2.61E-07	7.87E-07	4.56E-07	4.62E-07	4.19E-07	1.91E-07	1.89E-07	8.71E-09	2.10E-07	4.64E-08	6.27E-08	9.95E-08	1.75E-08	9.93E-08	5.44E-07
5060	481363.09	3863877.25	7.75E-04	7.85E-04	7.79E-04	2.69E-07	8.11E-07	4.69E-07	4.76E-07	4.31E-07	1.97E-07	1.95E-07	8.97E-09	2.17E-07	4.78E-08	6.46E-08	1.02E-07	1.81E-08	1.02E-07	5.61E-07
5061	481863.09	3863877.25	8.00E-04	8.11E-04	8.06E-04	2.77E-07	8.37E-07	4.85E-07	4.91E-07	4.45E-07	2.03E-07	2.02E-07	9.26E-09	2.24E-07	4.94E-08	6.67E-08	1.06E-07	1.86E-08	1.06E-07	5.79E-07
5062	482363.09	3863877.25	8.30E-04	8.41E-04	8.36E-04	2.88E-07	8.68E-07	5.03E-07	5.09E-07	4.62E-07	2.11E-07	2.09E-07	9.60E-09	2.32E-07	5.12E-08	6.91E-08	1.10E-07	1.93E-08	1.10E-07	6.01E-07
5063	482863.09	3863877.25	8.59E-04	8.70E-04	8.66E-04	2.98E-07	8.99E-07	5.21E-07	5.27E-07	4.78E-07	2.18E-07	2.17E-07	9.94E-09	2.40E-07	5.30E-08	7.16E-08	1.14E-07	2.00E-08	1.14E-07	6.22E-07
5064	483363.09	3863877.25	8.88E-04	8.99E-04	8.97E-04	3.08E-07	9.30E-07	5.38E-07	5.45E-07	4.94E-07	2.25E-07	2.25E-07	1.03E-08	2.48E-07	5.48E-08	7.40E-08	1.17E-07	2.07E-08	1.18E-07	6.43E-07
5065	483863.09	3863877.25	9.20E-04	9.31E-04	9.31E-04	3.19E-07	9.63E-07	5.58E-07	5.64E-07	5.11E-07	2.33E-07	2.33E-07	1.07E-08	2.57E-07	5.68E-08	7.66E-08	1.21E-07	2.14E-08	1.22E-07	6.67E-07
5066	484363.09	3863877.25	9.58E-04	9.69E-04	9.71E-04	3.32E-07	1.00E-06	5.80E-07	5.87E-07	5.32E-07	2.43E-07	2.43E-07	1.11E-08	2.68E-07	5.91E-08	7.97E-08	1.26E-07	2.23E-08	1.28E-07	6.94E-07
5067	484863.09	3863877.25	9.97E-04	1.01E-03	1.01E-03	3.46E-07	1.04E-06	6.04E-07	6.11E-07	5.53E-07	2.53E-07	2.53E-07	1.15E-08	2.79E-07	6.15E-08	8.29E-08	1.32E-07	2.32E-08	1.33E-07	7.22E-07
5068	485363.09	3863877.25	1.03E-03	1.04E-03	1.05E-03	3.58E-07	1.08E-06	6.26E-07	6.32E-07	5.73E-07	2.61E-07	2.64E-07	1.20E-08	2.89E-07	6.37E-08	8.58E-08	1.36E-07	2.40E-08	1.38E-07	7.49E-07
5069	485863.09	3863877.25	1.08E-03	1.09E-03	1.10E-03	3.73E-07	1.13E-06	6.52E-07	6.58E-07	5.97E-07	2.72E-07	2.76E-07	1.25E-08	3.01E-07	6.64E-08	8.94E-08	1.42E-07	2.50E-08	1.45E-07	7.81E-07
5070	486363.09	3863877.25	1.07E-03	1.08E-03	1.10E-03	3.71E-07	1.12E-06	6.49E-07	6.55E-07	5.94E-07	2.71E-07	2.75E-07	1.24E-08	3.00E-07	6.61E-08	8.89E-08	1.41E-07	2.49E-08	1.44E-07	7.77E-07
5071	486863.09	3863877.25	1.07E-03	1.08E-03	1.09E-03	3.70E-07	1.12E-06	6.46E-07	6.52E-07	5.91E-07	2.70E-07	2.73E-07	1.23E-08	2.98E-07	6.58E-08	8.85E-08	1.40E-07	2.47E-08	1.43E-07	7.73E-07
5072	487363.09	3863877.25	1.06E-03	1.07E-03	1.09E-03	3.69E-07	1.11E-06	6.45E-07	6.51E-07	5.90E-07	2.69E-07	2.72E-07	1.23E-08	2.98E-07	6.57E-08	8.84E-08	1.40E-07	2.47E-08	1.43E-07	7.72E-07
5073	487863.09	3863877.25	1.07E-03	1.08E-03	1.09E-03	3.72E-07	1.12E-06	6.50E-07	6.56E-07	5.95E-07	2.71E-07	2.74E-07	1.24E-08	3.00E-07	6.62E-08	8.91E-08	1.41E-07	2.49E-08	1.44E-07	7.78E-07
5074	488363.09	3863877.25	1.06E-03	1.07E-03	1.08E-03	3.67E-07	1.11E-06	6.41E-07	6.47E-07	5.87E-07	2.68E-07	2.70E-07	1.22E-08	2.96E-07	6.53E-08	8.79E-08	1.39E-07	2.46E-08	1.42E-07	7.67E-07
5075	488863.09	3863877.25	1.04E-03	1.05E-03	1.06E-03	3.59E-07	1.08E-06	6.28E-07	6.34E-07	5.74E-07	2.62E-07	2.65E-07	1.20E-08	2.90E-07	6.39E-08	8.60E-08	1.36E-07	2.41E-08	1.39E-07	7.51E-07
5076	489363.09	3863877.25	1.05E-03	1.06E-03	1.07E-03	3.63E-07	1.10E-06	6.35E-07	6.40E-07	5.81E-07	2.65E-07	2.68E-07	1.21E-08	2.93E-07	6.46E-08	8.69E-08	1.38E-07	2.43E-08	1.41E-07	7.59E-07
5077	489863.09	3863877.25	1.07E-03	1.08E-03	1.09E-03	3.69E-07	1.11E-06	6.45E-07	6.51E-07	5.90E-07	2.69E-07	2.73E-07	1.23E-08	2.98E-07	6.57E-08	8.84E-08	1.40E-07	2.47E-08	1.43E-07	7.72E-07
5078	490363.09	3863877.25	1.07E-03	1.08E-03	1.09E-03	3.71E-07	1.12E-06	6.49E-07	6.55E-07	5.94E-07	2.71E-07	2.74E-07	1.24E-08	3.00E-07	6.61E-08	8.90E-08	1.41E-07	2.49E-08	1.44E-07	7.77E-07
5079	490863.09	3863877.25	1.09E-03	1.10E-03	1.11E-03	3.79E-07	1.14E-06	6.62E-07	6.68E-07	6.05E-07	2.76E-07	2.79E-07	1.26E-08	3.05E-07	6.74E-08	9.07E-08	1.44E-07	2.54E-08	1.47E-07	7.92E-07
5080	491363.09	3863877.25	1.12E-03	1.13E-03	1.14E-03	3.88E-07	1.17E-06	6.77E-07	6.84E-07	6.20E-07	2.83E-07	2.86E-07	1.29E-08	3.13E-07	6.90E-08	9.28E-08	1.47E-07	2.60E-08	1.50E-07	8.11E-07
5081	491863.09	3863877.25	1.16E-03	1.17E-03	1.19E-03	4.03E-07	1.22E-06	7.04E-07	7.11E-07	6.44E-07	2.94E-07	2.97E-07	1.34E-08	3.25E-07	7.17E-08	9.65E-08	1.53E-07	2.70E-08	1.56E-07	8.42E-07

5082	492363.09	3863877.25	1.17E-03	1.18E-03	1.19E-03	4.04E-07	1.22E-06	7.07E-07	7.13E-07	6.47E-07	2.95E-07	2.98E-07	1.35E-08	3.26E-07	7.20E-08	9.69E-08	1.54E-07	2.71E-08	1.56E-07	8.46E-07
5083	492863.09	3863877.25	1.08E-03	1.09E-03	1.10E-03	3.75E-07	1.13E-06	6.56E-07	6.63E-07	6.01E-07	2.74E-07	2.76E-07	1.25E-08	3.03E-07	6.68E-08	8.99E-08	1.43E-07	2.51E-08	1.45E-07	7.84E-07
5084	493363.09	3863877.25	1.05E-03	1.06E-03	1.06E-03	3.64E-07	1.10E-06	6.35E-07	6.42E-07	5.82E-07	2.66E-07	2.67E-07	1.21E-08	2.93E-07	6.47E-08	8.72E-08	1.38E-07	2.44E-08	1.40E-07	7.60E-07
5085	493863.09	3863877.25	1.05E-03	1.07E-03	1.07E-03	3.66E-07	1.10E-06	6.39E-07	6.46E-07	5.86E-07	2.67E-07	2.68E-07	1.22E-08	2.95E-07	6.51E-08	8.77E-08	1.39E-07	2.45E-08	1.41E-07	7.64E-07
5086	494363.09	3863877.25	1.08E-03	1.10E-03	1.10E-03	3.76E-07	1.13E-06	6.57E-07	6.64E-07	6.02E-07	2.75E-07	2.75E-07	1.25E-08	3.03E-07	6.69E-08	9.02E-08	1.43E-07	2.52E-08	1.45E-07	7.86E-07
5087	494863.09	3863877.25	1.11E-03	1.12E-03	1.13E-03	3.84E-07	1.16E-06	6.71E-07	6.78E-07	6.15E-07	2.81E-07	2.82E-07	1.28E-08	3.10E-07	6.84E-08	9.21E-08	1.46E-07	2.58E-08	1.48E-07	8.03E-07
5088	495363.09	3863877.25	1.12E-03	1.13E-03	1.14E-03	3.89E-07	1.17E-06	6.80E-07	6.87E-07	6.22E-07	2.84E-07	2.86E-07	1.30E-08	3.14E-07	6.92E-08	9.32E-08	1.48E-07	2.61E-08	1.50E-07	8.13E-07
5089	495863.09	3863877.25	1.13E-03	1.14E-03	1.15E-03	3.90E-07	1.18E-06	6.82E-07	6.88E-07	6.24E-07	2.85E-07	2.88E-07	1.30E-08	3.15E-07	6.94E-08	9.34E-08	1.48E-07	2.61E-08	1.51E-07	8.16E-07
5090	496363.09	3863877.25	1.14E-03	1.15E-03	1.16E-03	3.94E-07	1.19E-06	6.89E-07	6.95E-07	6.30E-07	2.88E-07	2.91E-07	1.32E-08	3.18E-07	7.02E-08	9.44E-08	1.50E-07	2.64E-08	1.53E-07	8.25E-07
5091	496863.09	3863877.25	1.13E-03	1.14E-03	1.16E-03	3.92E-07	1.18E-06	6.85E-07	6.91E-07	6.27E-07	2.86E-07	2.90E-07	1.31E-08	3.16E-07	6.98E-08	9.39E-08	1.49E-07	2.62E-08	1.52E-07	8.20E-07
5092	497363.09	3863877.25	1.11E-03	1.12E-03	1.14E-03	3.86E-07	1.17E-06	6.75E-07	6.81E-07	6.18E-07	2.82E-07	2.85E-07	1.29E-08	3.12E-07	6.88E-08	9.25E-08	1.47E-07	2.59E-08	1.50E-07	8.08E-07
5093	497863.09	3863877.25	1.09E-03	1.10E-03	1.12E-03	3.79E-07	1.14E-06	6.63E-07	6.69E-07	6.06E-07	2.77E-07	2.80E-07	1.27E-08	3.06E-07	6.75E-08	9.08E-08	1.44E-07	2.54E-08	1.47E-07	7.93E-07
5094	498363.09	3863877.25	1.07E-03	1.08E-03	1.09E-03	3.69E-07	1.11E-06	6.45E-07	6.51E-07	5.91E-07	2.69E-07	2.72E-07	1.23E-08	2.98E-07	6.57E-08	8.84E-08	1.40E-07	2.47E-08	1.43E-07	7.72E-07
5095	471363.09	3864377.25	3.19E-04	3.24E-04	3.16E-04	1.10E-07	3.33E-07	1.93E-07	1.96E-07	1.78E-07	8.11E-08	7.92E-08	3.69E-09	8.90E-08	1.96E-08	2.66E-08	4.22E-08	7.44E-09	4.16E-08	2.30E-07
5096	471863.09	3864377.25	3.27E-04	3.32E-04	3.25E-04	1.13E-07	3.42E-07	1.98E-07	2.01E-07	1.83E-07	8.33E-08	8.15E-08	3.79E-09	9.15E-08	2.02E-08	2.73E-08	4.34E-08	7.64E-09	4.28E-08	2.37E-07
5097	472363.09	3864377.25	3.38E-04	3.43E-04	3.36E-04	1.17E-07	3.53E-07	2.05E-07	2.08E-07	1.88E-07	8.59E-08	8.42E-08	3.91E-09	9.44E-08	2.08E-08	2.82E-08	4.47E-08	7.89E-09	4.42E-08	2.44E-07
5098	472863.09	3864377.25	3.49E-04	3.54E-04	3.48E-04	1.21E-07	3.65E-07	2.11E-07	2.15E-07	1.95E-07	8.88E-08	8.72E-08	4.04E-09	9.76E-08	2.15E-08	2.91E-08	4.62E-08	8.15E-09	4.57E-08	2.52E-07
5099	473363.09	3864377.25	3.64E-04	3.69E-04	3.64E-04	1.26E-07	3.81E-07	2.21E-07	2.24E-07	2.03E-07	9.26E-08	9.11E-08	4.21E-09	1.02E-07	2.25E-08	3.04E-08	4.82E-08	8.49E-09	4.78E-08	2.63E-07
5100	473863.09	3864377.25	3.80E-04	3.85E-04	3.80E-04	1.32E-07	3.98E-07	2.30E-07	2.33E-07	2.12E-07	9.66E-08	9.53E-08	4.40E-09	1.06E-07	2.34E-08	3.17E-08	5.03E-08	8.86E-09	5.00E-08	2.75E-07
5101	474363.09	3864377.25	3.98E-04	4.03E-04	3.98E-04	1.38E-07	4.16E-07	2.41E-07	2.44E-07	2.21E-07	1.01E-07	9.98E-08	4.60E-09	1.11E-07	2.45E-08	3.31E-08	5.26E-08	9.27E-09	5.24E-08	2.88E-07
5102	474863.09	3864377.25	4.19E-04	4.24E-04	4.20E-04	1.45E-07	4.38E-07	2.54E-07	2.57E-07	2.33E-07	1.06E-07	1.05E-07	4.84E-09	1.17E-07	2.58E-08	3.49E-08	5.53E-08	9.75E-09	5.52E-08	3.03E-07
5103	475363.09	3864377.25	4.39E-04	4.45E-04	4.41E-04	1.52E-07	4.60E-07	2.66E-07	2.70E-07	2.44E-07	1.12E-07	1.11E-07	5.08E-09	1.23E-07	2.71E-08	3.66E-08	5.81E-08	1.02E-08	5.80E-08	3.18E-07
5104	475863.09	3864377.25	4.60E-04	4.66E-04	4.62E-04	1.59E-07	4.81E-07	2.79E-07	2.82E-07	2.56E-07	1.17E-07	1.16E-07	5.32E-09	1.29E-07	2.84E-08	3.83E-08	6.08E-08	1.07E-08	6.07E-08	3.33E-07
5105	476363.09	3864377.25	4.78E-04	4.84E-04	4.80E-04	1.66E-07	5.00E-07	2.90E-07	2.93E-07	2.66E-07	1.21E-07	1.20E-07	5.53E-09	1.34E-07	2.95E-08	3.98E-08	6.32E-08	1.11E-08	6.31E-08	3.46E-07
5106	476863.09	3864377.25	4.96E-04	5.03E-04	4.98E-04	1.72E-07	5.19E-07	3.00E-07	3.04E-07	2.76E-07	1.26E-07	1.25E-07	5.74E-09	1.39E-07	3.06E-08	4.13E-08	6.56E-08	1.16E-08	6.55E-08	3.59E-07
5107	477363.09	3864377.25	5.19E-04	5.26E-04	5.21E-04	1.80E-07	5.43E-07	3.14E-07	3.18E-07	2.89E-07	1.32E-07	1.31E-07	6.00E-09	1.45E-07	3.20E-08	4.32E-08	6.86E-08	1.21E-08	6.85E-08	3.75E-07
5108	477863.09	3864377.25	5.42E-04	5.49E-04	5.44E-04	1.88E-07	5.67E-07	3.28E-07	3.33E-07	3.02E-07	1.38E-07	1.36E-07	6.27E-09	1.51E-07	3.34E-08	4.52E-08	7.16E-08	1.26E-08	7.16E-08	3.92E-07
5109	478363.09	3864377.25	5.67E-04	5.75E-04	5.70E-04	1.97E-07	5.93E-07	3.44E-07	3.48E-07	3.16E-07	1.44E-07	1.43E-07	6.56E-09	1.59E-07	3.50E-08	4.73E-08	7.50E-08	1.32E-08	7.50E-08	4.10E-07
5110	478863.09	3864377.25	5.93E-04	6.00E-04	5.96E-04	2.05E-07	6.20E-07	3.59E-07	3.64E-07	3.30E-07	1.50E-07	1.49E-07	6.86E-09	1.66E-07	3.66E-08	4.94E-08	7.83E-08	1.38E-08	7.83E-08	4.29E-07
5111	479363.09	3864377.25	6.18E-04	6.26E-04	6.20E-04	2.14E-07	6.46E-07	3.74E-07	3.79E-07	3.44E-07	1.57E-07	1.55E-07	7.15E-09	1.73E-07	3.81E-08	5.15E-08	8.16E-08	1.44E-08	8.16E-08	4.47E-07
5112	479863.09	3864377.25	6.40E-04	6.48E-04	6.42E-04	2.22E-07	6.69E-07	3.87E-07	3.93E-07	3.56E-07	1.62E-07	1.61E-07	7.40E-09	1.79E-07	3.95E-08	5.33E-08	8.46E-08	1.49E-08	8.44E-08	4.63E-07
5113	480363.09	3864377.25	6.59E-04	6.68E-04	6.61E-04	2.28E-07	6.89E-07	3.99E-07	4.05E-07	3.67E-07	1.67E-07	1.66E-07	7.62E-09	1.84E-07	4.06E-08	5.49E-08	8.71E-08	1.54E-08	8.69E-08	4.77E-07
5114	480863.09	3864377.25	6.74E-04	6.84E-04	6.77E-04	2.34E-07	7.06E-07	4.08E-07	4.14E-07	3.75E-07	1.71E-07	1.70E-07	7.80E-09	1.88E-07	4.16E-08	5.62E-08	8.92E-08	1.57E-08	8.90E-08	4.88E-07
5115	481363.09	3864377.25	6.91E-04	7.00E-04	6.94E-04	2.39E-07	7.23E-07	4.18E-07	4.24E-07	3.84E-07	1.75E-07	1.74E-07	7.99E-09	1.93E-07	4.26E-08	5.76E-08	9.13E-08	1.61E-08	9.13E-08	5.00E-07
5116	481863.09	3864377.25	7.14E-04	7.24E-04	7.19E-04	2.48E-07	7.48E-07	4.33E-07	4.39E-07	3.98E-07	1.81E-07	1.80E-07	8.27E-09	2.00E-07	4.41E-08	5.95E-08	9.45E-08	1.66E-08	9.45E-08	5.17E-07
5117	482363.09	3864377.25	7.42E-04	7.51E-04	7.47E-04	2.57E-07	7.76E-07	4.49E-07	4.55E-07	4.13E-07	1.88E-07	1.87E-07	8.58E-09	2.07E-07	4.58E-08	6.18E-08	9.80E-08	1.73E-08	9.82E-08	5.37E-07
5118	482863.09	3864377.25	7.68E-04	7.78E-04	7.74E-04	2.66E-07	8.04E-07	4.65E-07	4.71E-07	4.27E-07	1.95E-07	1.94E-07	8.89E-09	2.15E-07	4.74E-08	6.40E-08	1.02E-07	1.79E-08	1.02E-07	5.56E-07
5119	483363.09	3864377.25	7.96E-04	8.05E-04	8.04E-04	2.76E-07	8.32E-07	4.82E-07	4.88E-07	4.42E-07	2.02E-07	2.01E-07	9.21E-09	2.22E-07	4.91E-08	6.62E-08	1.05E-07	1.85E-08	1.06E-07	5.76E-07
5120	483863.09	3864377.25	8.26E-04	8.36E-04	8.36E-04	2.86E-07	8.64E-07	5.00E-07	5.06E-07	4.59E-07	2.09E-07	2.09E-07	9.56E-09	2.31E-07	5.10E-08	6.87E-08	1.09E-07	1.92E-08	1.10E-07	5.98E-07
5121	484363.09	3864377.25	8.52E-04	8.62E-04	8.63E-04	2.95E-07	8.92E-07	5.16E-07	5.22E-07	4.73E-07	2.16E-07	2.16E-07	9.86E-09	2.38E-07	5.26E-08	7.09E-08	1.12E-07	1.98E-08	1.13E-07	6.17E-07
5122	484863.09	3864377.25	8.74E-04	8.84E-04	8.86E-04	3.03E-07	9.14E-07	5.29E-07	5.35E-07	4.85E-07	2.21E-07	2.22E-07	1.01E-08	2.44E-07	5.39E-08	7.27E-08	1.15E-07	2.03E-08	1.16E-07	6.33E-07
5123	485363.09	3864377.25	9.05E-04	9.14E-04	9.21E-04	3.14E-07	9.47E-07	5.48E-07	5.54E-07	5.02E-07	2.29E-07	2.31E-07	1.05E-08	2.53E-07	5.58E-08	7.52E-08	1.19E-07	2.10E-08	1.21E-07	6.56E-07
5124	485863.09	3864377.25	9.27E-04	9.36E-04	9.46E-04	3.21E-07	9.70E-07	5.62E-07	5.67E-07	5.14E-07	2.35E-07	2.37E-07	1.07E-08	2.59E-07	5.72E-08	7.70E-08	1.22E-07	2.15E-08	1.24E-07	6.72E-07
5125	486363.09	3864377.25	9.14E-04	9.23E-04	9.33E-04	3.17E-07	9.56E-07	5.54E-07	5.59E-07	5.07E-07	2.31E-07	2.34E-07	1.06E-08	2.56E-07	5.64E-08	7.59E-08	1.20E-07	2.12E-08	1.23E-07	6.63E-07
5126	486863.09	3864377.25	9.16E-04	9.24E-04	9.35E-04	3.17E-07	9.58E-07	5.55E-07	5.60E-07	5.08E-07	2.32E-07	2.34E-07	1.06E-08	2.56E-07	5.65E-08	7.60E-08	1.21E-07	2.13E-08	1.23E-07	6.64E-07
5127	487363.09	3864377.25	9.07E-04	9.15E-04	9.25E-04	3.14E-07	9.49E-07	5.49E-07	5.55E-07	5.03E-07	2.29E-07	2.32E-07	1.05E-08	2.53E-07	5.59E-08	7.53E-08	1.19E-07	2.11E-08	1.22E-07	6.57E-07
5128	487863.09	3864377.25	9.10E-04	9.19E-04	9.26E-04	3.15E-07	9.52E-07	5.51E-07	5.57E-07	5.05E-07	2.30E-07	2.32E-07	1.05E-08	2.54E-07	5.61E-08	7.56E-08	1.20E-07	2.11E-08	1.22E-07	6.59E-07
5129	488363.09	3864377.25	9.01E-04	9.10E-04	9.16E-04	3.12E-07	9.42E-07	5.46E-07	5.51E-07	5.00E-07	2.28E-07	2.29E-07	1.04E-08	2.52E-07	5.56E-08	7.48E-08	1.19E-07	2.09E-08	1.20E-07	6.53E-07
5130	488863.09	3864377.25	8.86E-04	8.95E-04	9.01E-04	3.07E-07	9.27E-07	5.37E-07	5.42E-07	4.92E-07	2.24E-07	2.26E-07	1.03E-08	2.48E-07	5.47E-08	7.36E-08	1.17E-07	2.06E-08	1.19E-07	6.42E-07
5131	489363.09	3864377.25	8.90E-04	8.99E-04	9.07E-04	3.09E-07	9.32E-07	5.39E-07	5.45E-07	4.94E-07	2.25E-07	2.27E-07	1.03E-08	2.49E-07	5.49E-08	7.39E-08	1.17E-07	2.07E-08	1.19E-07	6.45E-07
5132	489863.09	3864377.25	9.04E-04	9.13E-04	9.22E-04	3.13E-07	9.46E-07	5.48E-07	5.53E-07	5.01E-07	2.29E-07	2.31E-07	1.05E-08	2.53E-07	5.58E-08	7.51E-08	1.19E-07	2.10E-08	1.21E-07	6.55E-07
5133	490363.09	3864377.25	9.10E-04	9.19E-04	9.27E-04	3.15E-07	9.52E-07	5.51E-07	5.57E-07	5.05E-07	2.30E-07	2.32E-07	1.05E-08	2.54E-07	5.61E-08	7.56E-08	1.20E-07	2.11E-08	1.22E-07	6.60E-07
5134	490863.09	3864377.25	9.25E-04	9.34E-04	9.41E-04	3.21E-07	9.68E-07	5.60E-07	5.66E-07	5.13E-07	2.34E-07	2.36E-07	1.07E-08	2.59E-07	5.71E-08	7.69E-08	1.22E-07	2.15E-08	1.24E-07	6.70E-07

5135	491363.09	3864377.25	9.45E-04	9.55E-04	9.62E-04	3.28E-07	9.89E-07	5.73E-07	5.79E-07	5.25E-07	2.39E-07	2.41E-07	1.09E-08	2.64E-07	5.83E-08	7.86E-08	1.25E-07	2.20E-08	1.26E-07	6.85E-07
5136	491863.09	3864377.25	4.07E-04	4.14E-04	4.01E-04	1.41E-07	4.25E-07	2.46E-07	2.51E-07	2.27E-07	1.04E-07	1.01E-07	4.70E-09	1.14E-07	2.51E-08	3.40E-08	5.40E-08	9.51E-09	5.28E-08	2.94E-07
5137	492363.09	3864377.25	7.78E-04	7.88E-04	7.82E-04	2.69E-07	8.14E-07	4.71E-07	4.77E-07	4.33E-07	1.97E-07	1.96E-07	9.00E-09	2.17E-07	4.80E-08	6.48E-08	1.03E-07	1.81E-08	1.03E-07	5.63E-07
5138	492863.09	3864377.25	5.65E-04	5.74E-04	5.61E-04	1.96E-07	5.91E-07	3.42E-07	3.47E-07	3.15E-07	1.44E-07	1.41E-07	6.53E-09	1.58E-07	3.48E-08	4.72E-08	7.48E-08	1.32E-08	7.38E-08	4.08E-07
5139	493363.09	3864377.25	7.60E-04	7.69E-04	7.66E-04	2.63E-07	7.95E-07	4.60E-07	4.66E-07	4.23E-07	1.93E-07	1.92E-07	8.80E-09	2.12E-07	4.69E-08	6.33E-08	1.00E-07	1.77E-08	1.01E-07	5.50E-07
5140	493863.09	3864377.25	8.41E-04	8.51E-04	8.49E-04	2.91E-07	8.80E-07	5.09E-07	5.15E-07	4.67E-07	2.13E-07	2.13E-07	9.73E-09	2.35E-07	5.18E-08	7.00E-08	1.11E-07	1.96E-08	1.12E-07	6.09E-07
5141	494363.09	3864377.25	8.80E-04	8.90E-04	8.88E-04	3.05E-07	9.21E-07	5.33E-07	5.39E-07	4.89E-07	2.23E-07	2.23E-07	1.02E-08	2.46E-07	5.43E-08	7.32E-08	1.16E-07	2.05E-08	1.17E-07	6.37E-07
5142	494863.09	3864377.25	9.11E-04	9.22E-04	9.21E-04	3.16E-07	9.54E-07	5.52E-07	5.59E-07	5.06E-07	2.31E-07	2.31E-07	1.05E-08	2.55E-07	5.62E-08	7.59E-08	1.20E-07	2.12E-08	1.21E-07	6.60E-07
5143	495363.09	3864377.25	9.31E-04	9.42E-04	9.43E-04	3.23E-07	9.75E-07	5.64E-07	5.71E-07	5.17E-07	2.36E-07	2.36E-07	1.08E-08	2.60E-07	5.74E-08	7.75E-08	1.23E-07	2.17E-08	1.24E-07	6.75E-07
5144	495863.09	3864377.25	9.46E-04	9.56E-04	9.61E-04	3.28E-07	9.90E-07	5.73E-07	5.79E-07	5.25E-07	2.40E-07	2.41E-07	1.10E-08	2.65E-07	5.84E-08	7.87E-08	1.25E-07	2.20E-08	1.26E-07	6.86E-07
5145	496363.09	3864377.25	9.59E-04	9.68E-04	9.76E-04	3.32E-07	1.00E-06	5.81E-07	5.87E-07	5.32E-07	2.43E-07	2.45E-07	1.11E-08	2.68E-07	5.91E-08	7.96E-08	1.26E-07	2.23E-08	1.28E-07	6.95E-07
5146	496863.09	3864377.25	9.68E-04	9.77E-04	9.86E-04	3.35E-07	1.01E-06	5.86E-07	5.92E-07	5.37E-07	2.45E-07	2.47E-07	1.12E-08	2.71E-07	5.97E-08	8.04E-08	1.28E-07	2.25E-08	1.30E-07	7.02E-07
5147	497363.09	3864377.25	9.76E-04	9.85E-04	9.95E-04	3.38E-07	1.02E-06	5.91E-07	5.97E-07	5.41E-07	2.47E-07	2.49E-07	1.13E-08	2.73E-07	6.02E-08	8.10E-08	1.28E-07	2.26E-08	1.31E-07	7.07E-07
5148	497863.09	3864377.25	9.80E-04	9.89E-04	9.99E-04	3.39E-07	1.03E-06	5.93E-07	5.99E-07	5.43E-07	2.48E-07	2.50E-07	1.13E-08	2.74E-07	6.04E-08	8.13E-08	1.29E-07	2.27E-08	1.31E-07	7.10E-07
5149	498363.09	3864377.25	9.64E-04	9.73E-04	9.83E-04	3.34E-07	1.01E-06	5.84E-07	5.90E-07	5.35E-07	2.44E-07	2.46E-07	1.12E-08	2.70E-07	5.95E-08	8.01E-08	1.27E-07	2.24E-08	1.29E-07	6.99E-07
5150	471363.09	3864877.25	3.06E-04	3.11E-04	3.05E-04	1.06E-07	3.21E-07	1.86E-07	1.89E-07	1.71E-07	7.80E-08	7.64E-08	3.55E-09	8.57E-08	1.89E-08	2.56E-08	4.06E-08	7.16E-09	4.01E-08	2.22E-07
5151	471863.09	3864877.25	3.16E-04	3.20E-04	3.15E-04	1.09E-07	3.30E-07	1.91E-07	1.94E-07	1.76E-07	8.03E-08	7.88E-08	3.65E-09	8.82E-08	1.95E-08	2.63E-08	4.18E-08	7.37E-09	4.14E-08	2.28E-07
5152	472363.09	3864877.25	3.27E-04	3.31E-04	3.26E-04	1.13E-07	3.42E-07	1.98E-07	2.01E-07	1.82E-07	8.30E-08	8.17E-08	3.78E-09	9.13E-08	2.01E-08	2.73E-08	4.32E-08	7.62E-09	4.29E-08	2.36E-07
5153	472863.09	3864877.25	3.39E-04	3.44E-04	3.39E-04	1.18E-07	3.55E-07	2.06E-07	2.09E-07	1.89E-07	8.63E-08	8.50E-08	3.93E-09	9.49E-08	2.09E-08	2.83E-08	4.49E-08	7.92E-09	4.46E-08	2.46E-07
5154	473363.09	3864877.25	3.56E-04	3.61E-04	3.56E-04	1.23E-07	3.72E-07	2.16E-07	2.19E-07	1.98E-07	9.04E-08	8.93E-08	4.12E-09	9.95E-08	2.20E-08	2.97E-08	4.71E-08	8.29E-09	4.69E-08	2.57E-07
5155	473863.09	3864877.25	3.73E-04	3.78E-04	3.74E-04	1.29E-07	3.90E-07	2.26E-07	2.29E-07	2.07E-07	9.46E-08	9.36E-08	4.31E-09	1.04E-07	2.30E-08	3.11E-08	4.93E-08	8.68E-09	4.91E-08	2.70E-07
5156	474363.09	3864877.25	3.90E-04	3.95E-04	3.91E-04	1.35E-07	4.08E-07	2.36E-07	2.39E-07	2.17E-07	9.89E-08	9.79E-08	4.51E-09	1.09E-07	2.40E-08	3.25E-08	5.15E-08	9.07E-09	5.14E-08	2.82E-07
5157	474863.09	3864877.25	4.06E-04	4.12E-04	4.08E-04	1.41E-07	4.25E-07	2.46E-07	2.49E-07	2.26E-07	1.03E-07	1.02E-07	4.70E-09	1.14E-07	2.51E-08	3.38E-08	5.37E-08	9.46E-09	5.36E-08	2.94E-07
5158	475363.09	3864877.25	4.21E-04	4.26E-04	4.23E-04	1.46E-07	4.40E-07	2.55E-07	2.58E-07	2.34E-07	1.07E-07	1.06E-07	4.87E-09	1.18E-07	2.60E-08	3.51E-08	5.56E-08	9.80E-09	5.56E-08	3.05E-07
5159	475863.09	3864877.25	4.35E-04	4.41E-04	4.37E-04	1.51E-07	4.55E-07	2.63E-07	2.67E-07	2.42E-07	1.10E-07	1.09E-07	5.03E-09	1.22E-07	2.68E-08	3.62E-08	5.75E-08	1.01E-08	5.74E-08	3.15E-07
5160	476363.09	3864877.25	4.50E-04	4.56E-04	4.52E-04	1.56E-07	4.71E-07	2.73E-07	2.76E-07	2.50E-07	1.14E-07	1.13E-07	5.21E-09	1.26E-07	2.78E-08	3.75E-08	5.95E-08	1.05E-08	5.94E-08	3.26E-07
5161	476863.09	3864877.25	4.68E-04	4.74E-04	4.70E-04	1.62E-07	4.90E-07	2.84E-07	2.87E-07	2.60E-07	1.19E-07	1.18E-07	5.42E-09	1.31E-07	2.89E-08	3.90E-08	6.19E-08	1.09E-08	6.18E-08	3.39E-07
5162	477363.09	3864877.25	4.88E-04	4.95E-04	4.90E-04	1.69E-07	5.11E-07	2.96E-07	3.00E-07	2.72E-07	1.24E-07	1.23E-07	5.65E-09	1.36E-07	3.01E-08	4.07E-08	6.45E-08	1.14E-08	6.45E-08	3.53E-07
5163	477863.09	3864877.25	5.10E-04	5.16E-04	5.12E-04	1.77E-07	5.33E-07	3.09E-07	3.13E-07	2.84E-07	1.29E-07	1.28E-07	5.90E-09	1.42E-07	3.14E-08	4.25E-08	6.74E-08	1.19E-08	6.73E-08	3.69E-07
5164	478363.09	3864877.25	5.31E-04	5.38E-04	5.34E-04	1.84E-07	5.56E-07	3.22E-07	3.26E-07	2.95E-07	1.35E-07	1.34E-07	6.14E-09	1.48E-07	3.27E-08	4.42E-08	7.02E-08	1.24E-08	7.02E-08	3.84E-07
5165	478863.09	3864877.25	5.51E-04	5.58E-04	5.53E-04	1.91E-07	5.77E-07	3.34E-07	3.38E-07	3.07E-07	1.40E-07	1.39E-07	6.38E-09	1.54E-07	3.40E-08	4.59E-08	7.28E-08	1.28E-08	7.28E-08	3.99E-07
5166	479363.09	3864877.25	5.67E-04	5.74E-04	5.69E-04	1.96E-07	5.93E-07	3.43E-07	3.48E-07	3.15E-07	1.44E-07	1.42E-07	6.56E-09	1.58E-07	3.50E-08	4.72E-08	7.49E-08	1.32E-08	7.48E-08	4.10E-07
5167	479863.09	3864877.25	5.79E-04	5.87E-04	5.80E-04	2.01E-07	6.06E-07	3.51E-07	3.56E-07	3.22E-07	1.47E-07	1.45E-07	6.70E-09	1.62E-07	3.57E-08	4.83E-08	7.66E-08	1.35E-08	7.63E-08	4.19E-07
5168	480363.09	3864877.25	5.91E-04	6.00E-04	5.92E-04	2.05E-07	6.19E-07	3.58E-07	3.63E-07	3.29E-07	1.50E-07	1.48E-07	6.84E-09	1.65E-07	3.65E-08	4.93E-08	7.83E-08	1.38E-08	7.79E-08	4.28E-07
5169	480863.09	3864877.25	6.05E-04	6.13E-04	6.06E-04	2.10E-07	6.33E-07	3.66E-07	3.71E-07	3.37E-07	1.54E-07	1.52E-07	7.00E-09	1.69E-07	3.73E-08	5.04E-08	8.00E-08	1.41E-08	7.97E-08	4.38E-07
5170	481363.09	3864877.25	6.24E-04	6.33E-04	6.27E-04	2.16E-07	6.53E-07	3.78E-07	3.83E-07	3.48E-07	1.59E-07	1.57E-07	7.23E-09	1.75E-07	3.85E-08	5.21E-08	8.26E-08	1.46E-08	8.25E-08	4.52E-07
5171	481863.09	3864877.25	6.48E-04	6.57E-04	6.52E-04	2.25E-07	6.78E-07	3.92E-07	3.98E-07	3.61E-07	1.65E-07	1.63E-07	7.50E-09	1.81E-07	4.00E-08	5.40E-08	8.57E-08	1.51E-08	8.57E-08	4.69E-07
5172	482363.09	3864877.25	6.70E-04	6.79E-04	6.74E-04	2.32E-07	7.01E-07	4.06E-07	4.11E-07	3.73E-07	1.70E-07	1.69E-07	7.76E-09	1.87E-07	4.13E-08	5.58E-08	8.86E-08	1.56E-08	8.87E-08	4.85E-07
5173	482863.09	3864877.25	6.94E-04	7.03E-04	7.00E-04	2.41E-07	7.26E-07	4.21E-07	4.26E-07	3.86E-07	1.76E-07	1.75E-07	8.03E-09	1.94E-07	4.28E-08	5.78E-08	9.17E-08	1.62E-08	9.20E-08	5.03E-07
5174	483363.09	3864877.25	7.23E-04	7.32E-04	7.31E-04	2.51E-07	7.57E-07	4.38E-07	4.43E-07	4.02E-07	1.83E-07	1.83E-07	8.37E-09	2.02E-07	4.46E-08	6.02E-08	9.55E-08	1.68E-08	9.61E-08	5.24E-07
5175	483863.09	3864877.25	7.45E-04	7.54E-04	7.53E-04	2.58E-07	7.80E-07	4.51E-07	4.57E-07	4.14E-07	1.89E-07	1.89E-07	8.62E-09	2.08E-07	4.60E-08	6.20E-08	9.83E-08	1.73E-08	9.91E-08	5.40E-07
5176	484363.09	3864877.25	7.59E-04	7.68E-04	7.67E-04	2.63E-07	7.94E-07	4.60E-07	4.65E-07	4.21E-07	1.92E-07	1.92E-07	8.78E-09	2.12E-07	4.68E-08	6.31E-08	1.00E-07	1.76E-08	1.01E-07	5.49E-07
5177	484863.09	3864877.25	7.76E-04	7.84E-04	7.86E-04	2.69E-07	8.12E-07	4.70E-07	4.75E-07	4.31E-07	1.97E-07	1.97E-07	8.98E-09	2.17E-07	4.78E-08	6.45E-08	1.02E-07	1.80E-08	1.03E-07	5.62E-07
5178	485363.09	3864877.25	8.00E-04	8.08E-04	8.13E-04	2.77E-07	8.37E-07	4.84E-07	4.89E-07	4.44E-07	2.02E-07	2.04E-07	9.25E-09	2.24E-07	4.93E-08	6.65E-08	1.05E-07	1.86E-08	1.07E-07	5.79E-07
5179	485863.09	3864877.25	8.02E-04	8.10E-04	8.16E-04	2.78E-07	8.39E-07	4.86E-07	4.90E-07	4.45E-07	2.03E-07	2.04E-07	9.28E-09	2.24E-07	4.95E-08	6.66E-08	1.06E-07	1.86E-08	1.07E-07	5.81E-07
5180	486363.09	3864877.25	7.94E-04	8.02E-04	8.09E-04	2.75E-07	8.31E-07	4.81E-07	4.86E-07	4.40E-07	2.01E-07	2.03E-07	9.19E-09	2.22E-07	4.90E-08	6.59E-08	1.05E-07	1.84E-08	1.06E-07	5.75E-07
5181	486863.09	3864877.25	7.98E-04	8.05E-04	8.14E-04	2.77E-07	8.35E-07	4.83E-07	4.88E-07	4.42E-07	2.02E-07	2.04E-07	9.23E-09	2.23E-07	4.92E-08	6.62E-08	1.05E-07	1.85E-08	1.07E-07	5.78E-07
5182	487363.09	3864877.25	7.86E-04	7.93E-04	8.00E-04	2.72E-07	8.22E-07	4.76E-07	4.81E-07	4.36E-07	1.99E-07	2.00E-07	9.09E-09	2.20E-07	4.85E-08	6.52E-08	1.04E-07	1.82E-08	1.05E-07	5.69E-07
5183	487863.09	3864877.25	7.84E-04	7.92E-04	7.97E-04	2.72E-07	8.20E-07	4.75E-07	4.80E-07	4.35E-07	1.99E-07	2.00E-07	9.07E-09	2.19E-07	4.84E-08	6.52E-08	1.03E-07	1.82E-08	1.05E-07	5.68E-07
5184	488363.09	3864877.25	7.78E-04	7.86E-04	7.89E-04	2.70E-07	8.14E-07	4.71E-07	4.76E-07	4.32E-07	1.97E-07	1.98E-07	9.00E-09	2.17E-07	4.80E-08	6.47E-08	1.03E-07	1.81E-08	1.04E-07	5.63E-07
5185	488863.09	3864877.25	7.69E-04	7.77E-04	7.80E-04	2.66E-07	8.04E-07	4.66E-07	4.71E-07	4.27E-07	1.95E-07	1.95E-07	8.90E-09	2.15E-07	4.74E-08	6.39E-08	1.01E-07	1.79E-08	1.03E-07	5.57E-07
5186	489363.09	3864877.25	7.72E-04	7.80E-04	7.85E-04	2.68E-07	8.08E-07	4.68E-07	4.73E-07	4.28E-07	1.96E-07	1.97E-07	8.94E-09	2.16E-07	4.76E-08	6.42E-08	1.02E-07	1.79E-08	1.03E-07	5.60E-07
5187	489863.09	3864877.25	7.80E-04	7.88E-04	7.94E-04	2.70E-07	8.17E-07	4.73E-07	4.77E-07	4.33E-07	1.98E-07	1.99E-07	9.03E-09	2.18E-07	4.81E-08	6.48E-08	1.03E-07	1.81E-08	1.04E-07	5.66E-07

5188	490363.09	3864877.25	7.86E-04	7.94E-04	7.99E-04	2.72E-07	8.22E-07	4.76E-07	4.81E-07	4.36E-07	1.99E-07	2.00E-07	9.09E-09	2.20E-07	4.85E-08	6.53E-08	1.04E-07	1.82E-08	1.05E-07	5.69E-07
5189	490863.09	3864877.25	7.46E-04	7.55E-04	7.54E-04	2.58E-07	7.80E-07	4.52E-07	4.57E-07	4.14E-07	1.89E-07	1.89E-07	8.63E-09	2.08E-07	4.60E-08	6.21E-08	9.85E-08	1.74E-08	9.92E-08	5.40E-07
5190	491363.09	3864877.25	8.09E-04	8.18E-04	8.20E-04	2.80E-07	8.46E-07	4.90E-07	4.95E-07	4.49E-07	2.05E-07	2.06E-07	9.36E-09	2.26E-07	4.99E-08	6.73E-08	1.07E-07	1.88E-08	1.08E-07	5.86E-07
5191	491863.09	3864877.25	7.45E-04	7.54E-04	7.53E-04	2.58E-07	7.80E-07	4.52E-07	4.57E-07	4.14E-07	1.89E-07	1.89E-07	8.63E-09	2.08E-07	4.60E-08	6.21E-08	9.84E-08	1.73E-08	9.91E-08	5.40E-07
5192	492363.09	3864877.25	2.66E-04	2.70E-04	2.63E-04	9.21E-08	2.78E-07	1.61E-07	1.64E-07	1.48E-07	6.77E-08	6.59E-08	3.08E-09	7.43E-08	1.64E-08	2.22E-08	3.53E-08	6.22E-09	3.46E-08	1.92E-07
5193	492863.09	3864877.25	3.66E-04	3.73E-04	3.61E-04	1.27E-07	3.83E-07	2.22E-07	2.26E-07	2.05E-07	9.34E-08	9.05E-08	4.24E-09	1.02E-07	2.26E-08	3.07E-08	4.86E-08	8.57E-09	4.75E-08	2.65E-07
5194	493363.09	3864877.25	3.76E-04	3.82E-04	3.73E-04	1.30E-07	3.94E-07	2.28E-07	2.32E-07	2.10E-07	9.58E-08	9.34E-08	4.35E-09	1.05E-07	2.32E-08	3.14E-08	4.99E-08	8.79E-09	4.90E-08	2.72E-07
5195	493863.09	3864877.25	7.02E-04	7.11E-04	7.08E-04	2.43E-07	7.35E-07	4.26E-07	4.31E-07	3.90E-07	1.78E-07	1.78E-07	8.13E-09	1.96E-07	4.33E-08	5.85E-08	9.28E-08	1.63E-08	9.32E-08	5.09E-07
5196	494363.09	3864877.25	7.64E-04	7.74E-04	7.72E-04	2.65E-07	8.00E-07	4.63E-07	4.69E-07	4.25E-07	1.94E-07	1.93E-07	8.85E-09	2.14E-07	4.72E-08	6.36E-08	1.01E-07	1.78E-08	1.02E-07	5.54E-07
5197	494863.09	3864877.25	7.70E-04	7.79E-04	7.76E-04	2.67E-07	8.05E-07	4.66E-07	4.72E-07	4.28E-07	1.95E-07	1.94E-07	8.91E-09	2.15E-07	4.75E-08	6.41E-08	1.02E-07	1.79E-08	1.02E-07	5.57E-07
5198	495363.09	3864877.25	7.85E-04	7.95E-04	7.91E-04	2.72E-07	8.22E-07	4.76E-07	4.82E-07	4.37E-07	1.99E-07	1.98E-07	9.09E-09	2.19E-07	4.84E-08	6.54E-08	1.04E-07	1.83E-08	1.04E-07	5.68E-07
5199	495863.09	3864877.25	8.07E-04	8.16E-04	8.15E-04	2.80E-07	8.44E-07	4.89E-07	4.95E-07	4.48E-07	2.05E-07	2.04E-07	9.34E-09	2.26E-07	4.98E-08	6.71E-08	1.07E-07	1.88E-08	1.07E-07	5.84E-07
5200	496363.09	3864877.25	8.09E-04	8.18E-04	8.19E-04	2.80E-07	8.46E-07	4.90E-07	4.95E-07	4.49E-07	2.05E-07	2.05E-07	9.36E-09	2.26E-07	4.99E-08	6.73E-08	1.07E-07	1.88E-08	1.08E-07	5.86E-07
5201	496863.09	3864877.25	8.20E-04	8.29E-04	8.33E-04	2.84E-07	8.58E-07	4.97E-07	5.02E-07	4.55E-07	2.08E-07	2.09E-07	9.49E-09	2.29E-07	5.06E-08	6.82E-08	1.08E-07	1.91E-08	1.09E-07	5.94E-07
5202	497363.09	3864877.25	8.33E-04	8.42E-04	8.47E-04	2.89E-07	8.72E-07	5.05E-07	5.10E-07	4.62E-07	2.11E-07	2.12E-07	9.64E-09	2.33E-07	5.14E-08	6.92E-08	1.10E-07	1.94E-08	1.11E-07	6.04E-07
5203	497863.09	3864877.25	8.43E-04	8.52E-04	8.58E-04	2.92E-07	8.83E-07	5.11E-07	5.16E-07	4.68E-07	2.13E-07	2.15E-07	9.76E-09	2.36E-07	5.20E-08	7.01E-08	1.11E-07	1.96E-08	1.13E-07	6.11E-07
5204	498363.09	3864877.25	8.53E-04	8.61E-04	8.68E-04	2.96E-07	8.92E-07	5.17E-07	5.22E-07	4.73E-07	2.16E-07	2.18E-07	9.87E-09	2.38E-07	5.26E-08	7.08E-08	1.12E-07	1.98E-08	1.14E-07	6.18E-07
5205	471363.09	3865377.25	2.97E-04	3.01E-04	2.96E-04	1.03E-07	3.10E-07	1.80E-07	1.82E-07	1.65E-07	7.54E-08	7.42E-08	3.43E-09	8.29E-08	1.83E-08	2.47E-08	3.92E-08	6.92E-09	3.89E-08	2.14E-07
5206	471863.09	3865377.25	3.07E-04	3.12E-04	3.07E-04	1.07E-07	3.22E-07	1.86E-07	1.89E-07	1.71E-07	7.81E-08	7.70E-08	3.56E-09	8.59E-08	1.90E-08	2.56E-08	4.07E-08	7.17E-09	4.04E-08	2.22E-07
5207	472363.09	3865377.25	3.20E-04	3.25E-04	3.21E-04	1.11E-07	3.35E-07	1.94E-07	1.97E-07	1.78E-07	8.14E-08	8.04E-08	3.71E-09	8.95E-08	1.98E-08	2.67E-08	4.24E-08	7.47E-09	4.22E-08	2.32E-07
5208	472863.09	3865377.25	3.33E-04	3.38E-04	3.34E-04	1.15E-07	3.49E-07	2.02E-07	2.05E-07	1.85E-07	8.46E-08	8.36E-08	3.86E-09	9.31E-08	2.06E-08	2.78E-08	4.41E-08	7.76E-09	4.39E-08	2.41E-07
5209	473363.09	3865377.25	3.48E-04	3.53E-04	3.49E-04	1.21E-07	3.64E-07	2.11E-07	2.14E-07	1.94E-07	8.84E-08	8.75E-08	4.03E-09	9.73E-08	2.15E-08	2.90E-08	4.60E-08	8.11E-09	4.59E-08	2.52E-07
5210	473863.09	3865377.25	3.61E-04	3.66E-04	3.63E-04	1.25E-07	3.78E-07	2.19E-07	2.22E-07	2.01E-07	9.17E-08	9.09E-08	4.18E-09	1.01E-07	2.23E-08	3.01E-08	4.78E-08	8.42E-09	4.77E-08	2.61E-07
5211	474363.09	3865377.25	3.74E-04	3.78E-04	3.75E-04	1.29E-07	3.91E-07	2.26E-07	2.29E-07	2.08E-07	9.48E-08	9.40E-08	4.32E-09	1.04E-07	2.30E-08	3.11E-08	4.94E-08	8.70E-09	4.93E-08	2.70E-07
5212	474863.09	3865377.25	3.85E-04	3.90E-04	3.87E-04	1.33E-07	4.03E-07	2.33E-07	2.36E-07	2.14E-07	9.78E-08	9.69E-08	4.46E-09	1.08E-07	2.38E-08	3.21E-08	5.09E-08	8.97E-09	5.08E-08	2.79E-07
5213	475363.09	3865377.25	3.97E-04	4.02E-04	3.98E-04	1.37E-07	4.15E-07	2.40E-07	2.43E-07	2.21E-07	1.01E-07	9.98E-08	4.59E-09	1.11E-07	2.45E-08	3.30E-08	5.24E-08	9.24E-09	5.24E-08	2.87E-07
5214	475863.09	3865377.25	4.10E-04	4.15E-04	4.12E-04	1.42E-07	4.29E-07	2.48E-07	2.52E-07	2.28E-07	1.04E-07	1.03E-07	4.74E-09	1.15E-07	2.53E-08	3.42E-08	5.42E-08	9.55E-09	5.41E-08	2.97E-07
5215	476363.09	3865377.25	4.22E-04	4.28E-04	4.23E-04	1.46E-07	4.42E-07	2.56E-07	2.59E-07	2.35E-07	1.07E-07	1.06E-07	4.88E-09	1.18E-07	2.60E-08	3.52E-08	5.58E-08	9.84E-09	5.56E-08	3.05E-07
5216	476863.09	3865377.25	4.08E-04	4.14E-04	4.07E-04	1.41E-07	4.27E-07	2.47E-07	2.51E-07	2.27E-07	1.04E-07	1.02E-07	4.72E-09	1.14E-07	2.52E-08	3.40E-08	5.40E-08	9.51E-09	5.35E-08	2.95E-07
5217	477363.09	3865377.25	4.58E-04	4.64E-04	4.59E-04	1.59E-07	4.79E-07	2.77E-07	2.81E-07	2.55E-07	1.16E-07	1.15E-07	5.30E-09	1.28E-07	2.82E-08	3.82E-08	6.05E-08	1.07E-08	6.04E-08	3.31E-07
5218	477863.09	3865377.25	4.77E-04	4.84E-04	4.79E-04	1.65E-07	4.99E-07	2.89E-07	2.93E-07	2.66E-07	1.21E-07	1.20E-07	5.52E-09	1.33E-07	2.94E-08	3.98E-08	6.31E-08	1.11E-08	6.30E-08	3.45E-07
5219	478363.09	3865377.25	4.93E-04	5.00E-04	4.95E-04	1.71E-07	5.16E-07	2.99E-07	3.03E-07	2.75E-07	1.25E-07	1.24E-07	5.71E-09	1.38E-07	3.04E-08	4.11E-08	6.52E-08	1.15E-08	6.51E-08	3.57E-07
5220	478863.09	3865377.25	5.05E-04	5.12E-04	5.06E-04	1.75E-07	5.28E-07	3.06E-07	3.10E-07	2.81E-07	1.28E-07	1.27E-07	5.84E-09	1.41E-07	3.11E-08	4.21E-08	6.68E-08	1.18E-08	6.66E-08	3.65E-07
5221	479363.09	3865377.25	5.13E-04	5.20E-04	5.14E-04	1.78E-07	5.37E-07	3.11E-07	3.15E-07	2.86E-07	1.30E-07	1.29E-07	5.94E-09	1.43E-07	3.16E-08	4.28E-08	6.79E-08	1.20E-08	6.75E-08	3.71E-07
5222	479863.09	3865377.25	5.23E-04	5.30E-04	5.23E-04	1.81E-07	5.47E-07	3.17E-07	3.21E-07	2.91E-07	1.33E-07	1.31E-07	6.05E-09	1.46E-07	3.22E-08	4.36E-08	6.92E-08	1.22E-08	6.88E-08	3.78E-07
5223	480363.09	3865377.25	5.35E-04	5.43E-04	5.36E-04	1.86E-07	5.60E-07	3.24E-07	3.29E-07	2.98E-07	1.36E-07	1.34E-07	6.20E-09	1.50E-07	3.30E-08	4.47E-08	7.09E-08	1.25E-08	7.05E-08	3.87E-07
5224	480863.09	3865377.25	5.53E-04	5.61E-04	5.54E-04	1.92E-07	5.78E-07	3.35E-07	3.40E-07	3.08E-07	1.40E-07	1.39E-07	6.40E-09	1.55E-07	3.41E-08	4.61E-08	7.31E-08	1.29E-08	7.29E-08	4.00E-07
5225	481363.09	3865377.25	5.72E-04	5.80E-04	5.75E-04	1.98E-07	5.99E-07	3.47E-07	3.51E-07	3.19E-07	1.45E-07	1.44E-07	6.62E-09	1.60E-07	3.53E-08	4.77E-08	7.57E-08	1.33E-08	7.56E-08	4.14E-07
5226	481863.09	3865377.25	5.90E-04	5.98E-04	5.94E-04	2.05E-07	6.18E-07	3.58E-07	3.62E-07	3.29E-07	1.50E-07	1.49E-07	6.83E-09	1.65E-07	3.64E-08	4.92E-08	7.81E-08	1.38E-08	7.81E-08	4.27E-07
5227	482363.09	3865377.25	6.09E-04	6.17E-04	6.13E-04	2.11E-07	6.37E-07	3.69E-07	3.74E-07	3.39E-07	1.55E-07	1.54E-07	7.05E-09	1.70E-07	3.76E-08	5.08E-08	8.05E-08	1.42E-08	8.06E-08	4.41E-07
5228	482863.09	3865377.25	6.35E-04	6.43E-04	6.40E-04	2.20E-07	6.64E-07	3.85E-07	3.89E-07	3.53E-07	1.61E-07	1.60E-07	7.35E-09	1.77E-07	3.92E-08	5.29E-08	8.39E-08	1.48E-08	8.42E-08	4.60E-07
5229	483363.09	3865377.25	6.61E-04	6.69E-04	6.68E-04	2.29E-07	6.92E-07	4.00E-07	4.05E-07	3.67E-07	1.68E-07	1.67E-07	7.65E-09	1.85E-07	4.08E-08	5.50E-08	8.73E-08	1.54E-08	8.78E-08	4.79E-07
5230	483863.09	3865377.25	6.72E-04	6.80E-04	6.79E-04	2.33E-07	7.04E-07	4.07E-07	4.12E-07	3.74E-07	1.70E-07	1.70E-07	7.78E-09	1.88E-07	4.15E-08	5.60E-08	8.88E-08	1.56E-08	8.93E-08	4.87E-07
5231	484363.09	3865377.25	6.80E-04	6.88E-04	6.87E-04	2.36E-07	7.11E-07	4.12E-07	4.17E-07	3.78E-07	1.72E-07	1.72E-07	7.87E-09	1.90E-07	4.19E-08	5.66E-08	8.97E-08	1.58E-08	9.03E-08	4.92E-07
5232	484863.09	3865377.25	6.95E-04	7.03E-04	7.04E-04	2.41E-07	7.27E-07	4.21E-07	4.26E-07	3.86E-07	1.76E-07	1.76E-07	8.04E-09	1.94E-07	4.29E-08	5.78E-08	9.17E-08	1.62E-08	9.25E-08	5.03E-07
5233	485363.09	3865377.25	7.07E-04	7.14E-04	7.18E-04	2.45E-07	7.40E-07	4.28E-07	4.33E-07	3.92E-07	1.79E-07	1.80E-07	8.18E-09	1.98E-07	4.36E-08	5.88E-08	9.32E-08	1.64E-08	9.44E-08	5.12E-07
5234	485863.09	3865377.25	6.98E-04	7.06E-04	7.10E-04	2.42E-07	7.31E-07	4.23E-07	4.28E-07	3.88E-07	1.77E-07	1.78E-07	8.08E-09	1.95E-07	4.31E-08	5.80E-08	9.21E-08	1.62E-08	9.33E-08	5.06E-07
5235	486363.09	3865377.25	7.01E-04	7.08E-04	7.14E-04	2.43E-07	7.34E-07	4.25E-07	4.29E-07	3.89E-07	1.77E-07	1.79E-07	8.11E-09	1.96E-07	4.32E-08	5.82E-08	9.24E-08	1.63E-08	9.38E-08	5.08E-07
5236	486863.09	3865377.25	7.03E-04	7.10E-04	7.16E-04	2.44E-07	7.36E-07	4.26E-07	4.30E-07	3.90E-07	1.78E-07	1.79E-07	8.14E-09	1.97E-07	4.34E-08	5.84E-08	9.27E-08	1.63E-08	9.42E-08	5.10E-07
5237	487363.09	3865377.25	6.92E-04	6.99E-04	7.03E-04	2.40E-07	7.24E-07	4.19E-07	4.23E-07	3.84E-07	1.75E-07	1.76E-07	8.01E-09	1.93E-07	4.27E-08	5.75E-08	9.12E-08	1.61E-08	9.25E-08	5.01E-07
5238	487863.09	3865377.25	6.88E-04	6.95E-04	6.98E-04	2.38E-07	7.19E-07	4.17E-07	4.21E-07	3.82E-07	1.74E-07	1.75E-07	7.96E-09	1.92E-07	4.24E-08	5.72E-08	9.07E-08	1.60E-08	9.17E-08	4.98E-07
5239	488363.09	3865377.25	6.81E-04	6.88E-04	6.89E-04	2.36E-07	7.12E-07	4.12E-07	4.17E-07	3.78E-07	1.72E-07	1.73E-07	7.88E-09	1.90E-07	4.20E-08	5.66E-08	8.98E-08	1.58E-08	9.07E-08	4.93E-07
5240	488863.09	3865377.25	6.74E-04	6.82E-04	6.83E-04	2.34E-07	7.06E-07	4.08E-07	4.13E-07	3.75E-07	1.71E-07	1.71E-07	7.80E-09	1.89E-07	4.16E-08	5.61E-08	8.90E-08	1.57E-08	8.98E-08	4.88E-07

5241	489363.09	3865377.25	6.81E-04	6.88E-04	6.91E-04	2.36E-07	7.12E-07	4.12E-07	4.17E-07	3.78E-07	1.72E-07	1.73E-07	7.88E-09	1.90E-07	4.20E-08	5.66E-08	8.98E-08	1.58E-08	9.08E-08	4.93E-07
5242	489863.09	3865377.25	6.90E-04	6.97E-04	7.01E-04	2.39E-07	7.22E-07	4.18E-07	4.22E-07	3.83E-07	1.75E-07	1.76E-07	7.98E-09	1.93E-07	4.25E-08	5.73E-08	9.09E-08	1.60E-08	9.21E-08	5.00E-07
5243	490363.09	3865377.25	6.61E-04	6.68E-04	6.69E-04	2.29E-07	6.91E-07	4.00E-07	4.05E-07	3.67E-07	1.67E-07	1.68E-07	7.65E-09	1.85E-07	4.08E-08	5.50E-08	8.72E-08	1.54E-08	8.80E-08	4.79E-07
5244	490863.09	3865377.25	6.39E-04	6.47E-04	6.45E-04	2.21E-07	6.69E-07	3.87E-07	3.92E-07	3.55E-07	1.62E-07	1.62E-07	7.39E-09	1.79E-07	3.94E-08	5.32E-08	8.44E-08	1.49E-08	8.49E-08	4.63E-07
5245	491363.09	3865377.25	6.28E-04	6.36E-04	6.32E-04	2.18E-07	6.57E-07	3.81E-07	3.86E-07	3.49E-07	1.59E-07	1.58E-07	7.27E-09	1.76E-07	3.87E-08	5.23E-08	8.30E-08	1.46E-08	8.32E-08	4.55E-07
5246	491863.09	3865377.25	6.44E-04	6.53E-04	6.49E-04	2.23E-07	6.74E-07	3.90E-07	3.95E-07	3.58E-07	1.64E-07	1.63E-07	7.46E-09	1.80E-07	3.97E-08	5.37E-08	8.52E-08	1.50E-08	8.54E-08	4.67E-07
5247	492363.09	3865377.25	4.90E-04	4.98E-04	4.89E-04	1.70E-07	5.13E-07	2.97E-07	3.01E-07	2.73E-07	1.25E-07	1.23E-07	5.67E-09	1.37E-07	3.02E-08	4.09E-08	6.49E-08	1.14E-08	6.43E-08	3.55E-07
5248	492863.09	3865377.25	3.72E-04	3.79E-04	3.67E-04	1.29E-07	3.90E-07	2.26E-07	2.30E-07	2.08E-07	9.50E-08	9.20E-08	4.31E-09	1.04E-07	2.30E-08	3.12E-08	4.95E-08	8.72E-09	4.83E-08	2.69E-07
5249	493363.09	3865377.25	3.21E-04	3.26E-04	3.16E-04	1.11E-07	3.36E-07	1.94E-07	1.98E-07	1.79E-07	8.18E-08	7.92E-08	3.71E-09	8.96E-08	1.98E-08	2.68E-08	4.26E-08	7.50E-09	4.16E-08	2.32E-07
5250	493863.09	3865377.25	5.08E-04	5.16E-04	5.06E-04	1.76E-07	5.32E-07	3.08E-07	3.13E-07	2.83E-07	1.29E-07	1.27E-07	5.88E-09	1.42E-07	3.14E-08	4.25E-08	6.73E-08	1.19E-08	6.66E-08	3.68E-07
5251	494363.09	3865377.25	6.46E-04	6.54E-04	6.52E-04	2.24E-07	6.76E-07	3.92E-07	3.96E-07	3.59E-07	1.64E-07	1.63E-07	7.48E-09	1.81E-07	3.99E-08	5.38E-08	8.53E-08	1.50E-08	8.58E-08	4.68E-07
5252	494863.09	3865377.25	6.75E-04	6.84E-04	6.81E-04	2.34E-07	7.07E-07	4.09E-07	4.14E-07	3.75E-07	1.71E-07	1.71E-07	7.82E-09	1.89E-07	4.17E-08	5.62E-08	8.92E-08	1.57E-08	8.96E-08	4.89E-07
5253	495363.09	3865377.25	6.76E-04	6.85E-04	6.80E-04	2.34E-07	7.07E-07	4.09E-07	4.15E-07	3.76E-07	1.72E-07	1.70E-07	7.82E-09	1.89E-07	4.17E-08	5.63E-08	8.93E-08	1.57E-08	8.94E-08	4.89E-07
5254	495863.09	3865377.25	6.93E-04	7.02E-04	6.97E-04	2.40E-07	7.25E-07	4.20E-07	4.25E-07	3.86E-07	1.76E-07	1.75E-07	8.02E-09	1.94E-07	4.28E-08	5.78E-08	9.16E-08	1.61E-08	9.17E-08	5.02E-07
5255	496363.09	3865377.25	6.89E-04	6.98E-04	6.93E-04	2.39E-07	7.21E-07	4.17E-07	4.23E-07	3.83E-07	1.75E-07	1.74E-07	7.97E-09	1.93E-07	4.25E-08	5.74E-08	9.10E-08	1.60E-08	9.12E-08	4.99E-07
5256	496863.09	3865377.25	6.89E-04	6.97E-04	6.95E-04	2.39E-07	7.21E-07	4.17E-07	4.22E-07	3.83E-07	1.75E-07	1.74E-07	7.97E-09	1.93E-07	4.25E-08	5.74E-08	9.10E-08	1.60E-08	9.14E-08	4.99E-07
5257	497363.09	3865377.25	7.10E-04	7.18E-04	7.19E-04	2.46E-07	7.43E-07	4.30E-07	4.35E-07	3.94E-07	1.80E-07	1.80E-07	8.21E-09	1.98E-07	4.38E-08	5.90E-08	9.36E-08	1.65E-08	9.45E-08	5.14E-07
5258	497863.09	3865377.25	7.23E-04	7.30E-04	7.33E-04	2.50E-07	7.56E-07	4.38E-07	4.42E-07	4.01E-07	1.83E-07	1.84E-07	8.36E-09	2.02E-07	4.46E-08	6.01E-08	9.53E-08	1.68E-08	9.64E-08	5.24E-07
5259	498363.09	3865377.25	7.28E-04	7.36E-04	7.40E-04	2.52E-07	7.62E-07	4.41E-07	4.46E-07	4.04E-07	1.84E-07	1.85E-07	8.43E-09	2.04E-07	4.49E-08	6.05E-08	9.61E-08	1.69E-08	9.72E-08	5.28E-07
5260	471363.09	3865877.25	2.91E-04	2.95E-04	2.91E-04	1.01E-07	3.04E-07	1.76E-07	1.78E-07	1.62E-07	7.38E-08	7.29E-08	3.36E-09	8.12E-08	1.79E-08	2.42E-08	3.84E-08	6.77E-09	3.82E-08	2.10E-07
5261	471863.09	3865877.25	3.02E-04	3.06E-04	3.03E-04	1.05E-07	3.16E-07	1.83E-07	1.86E-07	1.68E-07	7.68E-08	7.59E-08	3.50E-09	8.45E-08	1.86E-08	2.52E-08	4.00E-08	7.05E-09	3.98E-08	2.19E-07
5262	472363.09	3865877.25	3.13E-04	3.17E-04	3.13E-04	1.08E-07	3.27E-07	1.89E-07	1.92E-07	1.74E-07	7.94E-08	7.85E-08	3.62E-09	8.74E-08	1.93E-08	2.61E-08	4.13E-08	7.28E-09	4.12E-08	2.26E-07
5263	472863.09	3865877.25	3.24E-04	3.29E-04	3.25E-04	1.12E-07	3.39E-07	1.97E-07	1.99E-07	1.81E-07	8.24E-08	8.15E-08	3.75E-09	9.07E-08	2.00E-08	2.70E-08	4.29E-08	7.56E-09	4.28E-08	2.35E-07
5264	473363.09	3865877.25	3.35E-04	3.39E-04	3.36E-04	1.16E-07	3.50E-07	2.03E-07	2.05E-07	1.86E-07	8.50E-08	8.41E-08	3.87E-09	9.36E-08	2.06E-08	2.79E-08	4.42E-08	7.80E-09	4.42E-08	2.42E-07
5265	473863.09	3865877.25	3.44E-04	3.49E-04	3.46E-04	1.19E-07	3.60E-07	2.09E-07	2.11E-07	1.92E-07	8.74E-08	8.66E-08	3.98E-09	9.63E-08	2.12E-08	2.87E-08	4.55E-08	8.02E-09	4.54E-08	2.49E-07
5266	474363.09	3865877.25	3.53E-04	3.58E-04	3.55E-04	1.22E-07	3.70E-07	2.14E-07	2.17E-07	1.97E-07	8.97E-08	8.89E-08	4.09E-09	9.88E-08	2.18E-08	2.95E-08	4.67E-08	8.23E-09	4.66E-08	2.56E-07
5267	474863.09	3865877.25	3.64E-04	3.68E-04	3.65E-04	1.26E-07	3.80E-07	2.20E-07	2.23E-07	2.02E-07	9.23E-08	9.14E-08	4.21E-09	1.02E-07	2.24E-08	3.03E-08	4.81E-08	8.47E-09	4.80E-08	2.63E-07
5268	475363.09	3865877.25	3.75E-04	3.80E-04	3.77E-04	1.30E-07	3.93E-07	2.27E-07	2.30E-07	2.09E-07	9.53E-08	9.44E-08	4.34E-09	1.05E-07	2.31E-08	3.13E-08	4.96E-08	8.74E-09	4.95E-08	2.72E-07
5269	475863.09	3865877.25	3.89E-04	3.94E-04	3.90E-04	1.35E-07	4.07E-07	2.36E-07	2.39E-07	2.16E-07	9.87E-08	9.78E-08	4.50E-09	1.09E-07	2.40E-08	3.24E-08	5.14E-08	9.06E-09	5.13E-08	2.81E-07
5270	476363.09	3865877.25	3.94E-04	4.00E-04	3.95E-04	1.37E-07	4.12E-07	2.39E-07	2.42E-07	2.19E-07	1.00E-07	9.89E-08	4.56E-09	1.10E-07	2.43E-08	3.29E-08	5.21E-08	9.19E-09	5.19E-08	2.85E-07
5271	476863.09	3865877.25	3.85E-04	3.90E-04	3.84E-04	1.33E-07	4.02E-07	2.33E-07	2.36E-07	2.14E-07	9.78E-08	9.62E-08	4.45E-09	1.08E-07	2.37E-08	3.21E-08	5.09E-08	8.97E-09	5.05E-08	2.78E-07
5272	477363.09	3865877.25	4.28E-04	4.34E-04	4.29E-04	1.48E-07	4.48E-07	2.60E-07	2.63E-07	2.38E-07	1.09E-07	1.08E-07	4.96E-09	1.20E-07	2.64E-08	3.57E-08	5.67E-08	9.99E-09	5.65E-08	3.10E-07
5273	477863.09	3865877.25	4.43E-04	4.49E-04	4.44E-04	1.54E-07	4.64E-07	2.68E-07	2.72E-07	2.47E-07	1.13E-07	1.11E-07	5.13E-09	1.24E-07	2.73E-08	3.69E-08	5.86E-08	1.03E-08	5.84E-08	3.21E-07
5274	478363.09	3865877.25	4.52E-04	4.59E-04	4.53E-04	1.57E-07	4.73E-07	2.74E-07	2.78E-07	2.52E-07	1.15E-07	1.14E-07	5.24E-09	1.26E-07	2.79E-08	3.77E-08	5.99E-08	1.05E-08	5.96E-08	3.27E-07
5275	478863.09	3865877.25	4.59E-04	4.66E-04	4.60E-04	1.59E-07	4.81E-07	2.78E-07	2.82E-07	2.56E-07	1.17E-07	1.15E-07	5.32E-09	1.28E-07	2.83E-08	3.83E-08	6.08E-08	1.07E-08	6.04E-08	3.32E-07
5276	479363.09	3865877.25	4.68E-04	4.75E-04	4.68E-04	1.62E-07	4.89E-07	2.83E-07	2.87E-07	2.61E-07	1.19E-07	1.17E-07	5.41E-09	1.31E-07	2.88E-08	3.90E-08	6.19E-08	1.09E-08	6.15E-08	3.38E-07
5277	479863.09	3865877.25	4.80E-04	4.87E-04	4.80E-04	1.66E-07	5.02E-07	2.91E-07	2.95E-07	2.67E-07	1.22E-07	1.20E-07	5.55E-09	1.34E-07	2.96E-08	4.00E-08	6.35E-08	1.12E-08	6.31E-08	3.47E-07
5278	480363.09	3865877.25	4.95E-04	5.03E-04	4.96E-04	1.72E-07	5.18E-07	3.00E-07	3.04E-07	2.76E-07	1.26E-07	1.24E-07	5.73E-09	1.38E-07	3.06E-08	4.13E-08	6.56E-08	1.16E-08	6.53E-08	3.59E-07
5279	480863.09	3865877.25	5.11E-04	5.18E-04	5.13E-04	1.77E-07	5.35E-07	3.10E-07	3.14E-07	2.85E-07	1.30E-07	1.29E-07	5.92E-09	1.43E-07	3.15E-08	4.26E-08	6.76E-08	1.19E-08	6.74E-08	3.70E-07
5280	481363.09	3865877.25	5.25E-04	5.32E-04	5.27E-04	1.82E-07	5.49E-07	3.18E-07	3.22E-07	2.92E-07	1.33E-07	1.32E-07	6.07E-09	1.47E-07	3.24E-08	4.37E-08	6.94E-08	1.22E-08	6.93E-08	3.80E-07
5281	481863.09	3865877.25	5.40E-04	5.47E-04	5.43E-04	1.87E-07	5.65E-07	3.27E-07	3.31E-07	3.00E-07	1.37E-07	1.36E-07	6.25E-09	1.51E-07	3.33E-08	4.50E-08	7.14E-08	1.26E-08	7.14E-08	3.91E-07
5282	482363.09	3865877.25	5.61E-04	5.68E-04	5.65E-04	1.94E-07	5.87E-07	3.40E-07	3.44E-07	3.12E-07	1.42E-07	1.42E-07	6.49E-09	1.57E-07	3.46E-08	4.67E-08	7.41E-08	1.31E-08	7.43E-08	4.06E-07
5283	482863.09	3865877.25	5.87E-04	5.94E-04	5.92E-04	2.03E-07	6.14E-07	3.56E-07	3.60E-07	3.26E-07	1.49E-07	1.48E-07	6.79E-09	1.64E-07	3.62E-08	4.89E-08	7.75E-08	1.37E-08	7.79E-08	4.25E-07
5284	483363.09	3865877.25	6.04E-04	6.11E-04	6.10E-04	2.09E-07	6.32E-07	3.66E-07	3.70E-07	3.36E-07	1.53E-07	1.53E-07	6.99E-09	1.69E-07	3.73E-08	5.03E-08	7.97E-08	1.41E-08	8.02E-08	4.37E-07
5285	483863.09	3865877.25	6.09E-04	6.16E-04	6.14E-04	2.11E-07	6.37E-07	3.69E-07	3.73E-07	3.38E-07	1.54E-07	1.54E-07	7.04E-09	1.70E-07	3.75E-08	5.07E-08	8.04E-08	1.42E-08	8.08E-08	4.41E-07
5286	484363.09	3865877.25	6.15E-04	6.23E-04	6.21E-04	2.13E-07	6.44E-07	3.73E-07	3.77E-07	3.42E-07	1.56E-07	1.56E-07	7.12E-09	1.72E-07	3.79E-08	5.12E-08	8.12E-08	1.43E-08	8.17E-08	4.45E-07
5287	484863.09	3865877.25	6.25E-04	6.32E-04	6.33E-04	2.17E-07	6.54E-07	3.79E-07	3.83E-07	3.47E-07	1.58E-07	1.59E-07	7.23E-09	1.75E-07	3.86E-08	5.20E-08	8.25E-08	1.45E-08	8.32E-08	4.53E-07
5288	485363.09	3865877.25	6.25E-04	6.32E-04	6.34E-04	2.17E-07	6.54E-07	3.79E-07	3.83E-07	3.47E-07	1.58E-07	1.59E-07	7.24E-09	1.75E-07	3.86E-08	5.20E-08	8.25E-08	1.45E-08	8.34E-08	4.53E-07
5289	485863.09	3865877.25	6.15E-04	6.22E-04	6.24E-04	2.13E-07	6.44E-07	3.73E-07	3.77E-07	3.42E-07	1.56E-07	1.56E-07	7.12E-09	1.72E-07	3.80E-08	5.12E-08	8.12E-08	1.43E-08	8.21E-08	4.46E-07
5290	486363.09	3865877.25	6.26E-04	6.32E-04	6.36E-04	2.17E-07	6.55E-07	3.79E-07	3.83E-07	3.47E-07	1.58E-07	1.59E-07	7.24E-09	1.75E-07	3.86E-08	5.20E-08	8.25E-08	1.45E-08	8.37E-08	4.54E-07
5291	486863.09	3865877.25	6.26E-04	6.32E-04	6.37E-04	2.17E-07	6.55E-07	3.79E-07	3.83E-07	3.47E-07	1.58E-07	1.60E-07	7.24E-09	1.75E-07	3.86E-08	5.20E-08	8.25E-08	1.45E-08	8.37E-08	4.54E-07
5292	487363.09	3865877.25	6.15E-04	6.22E-04	6.25E-04	2.13E-07	6.44E-07	3.73E-07	3.77E-07	3.41E-07	1.56E-07	1.57E-07	7.12E-09	1.72E-07	3.80E-08	5.11E-08	8.11E-08	1.43E-08	8.22E-08	4.46E-07
5293	487863.09	3865877.25	6.12E-04	6.19E-04	6.20E-04	2.12E-07	6.40E-07	3.71E-07	3.75E-07	3.40E-07	1.55E-07	1.55E-07	7.08E-09	1.71E-07	3.77E-08	5.09E-08	8.07E-08	1.42E-08	8.15E-08	4.43E-07

5294	488363.09	3865877.25	6.03E-04	6.10E-04	6.10E-04	2.09E-07	6.31E-07	3.65E-07	3.69E-07	3.35E-07	1.53E-07	1.53E-07	6.98E-09	1.69E-07	3.72E-08	5.02E-08	7.96E-08	1.40E-08	8.02E-08	4.37E-07
5295	488863.09	3865877.25	5.97E-04	6.04E-04	6.03E-04	2.07E-07	6.25E-07	3.62E-07	3.66E-07	3.32E-07	1.51E-07	1.51E-07	6.91E-09	1.67E-07	3.68E-08	4.97E-08	7.88E-08	1.39E-08	7.93E-08	4.32E-07
5296	489363.09	3865877.25	6.05E-04	6.12E-04	6.13E-04	2.10E-07	6.33E-07	3.67E-07	3.71E-07	3.36E-07	1.53E-07	1.53E-07	7.00E-09	1.69E-07	3.73E-08	5.04E-08	7.99E-08	1.41E-08	8.05E-08	4.38E-07
5297	489863.09	3865877.25	6.15E-04	6.22E-04	6.24E-04	2.13E-07	6.44E-07	3.73E-07	3.77E-07	3.42E-07	1.56E-07	1.56E-07	7.12E-09	1.72E-07	3.80E-08	5.12E-08	8.12E-08	1.43E-08	8.21E-08	4.46E-07
5298	490363.09	3865877.25	6.08E-04	6.15E-04	6.17E-04	2.11E-07	6.37E-07	3.69E-07	3.73E-07	3.38E-07	1.54E-07	1.55E-07	7.04E-09	1.70E-07	3.75E-08	5.06E-08	8.03E-08	1.41E-08	8.11E-08	4.41E-07
5299	490863.09	3865877.25	5.80E-04	5.87E-04	5.86E-04	2.01E-07	6.07E-07	3.51E-07	3.56E-07	3.22E-07	1.47E-07	1.47E-07	6.71E-09	1.62E-07	3.58E-08	4.83E-08	7.66E-08	1.35E-08	7.71E-08	4.20E-07
5300	491363.09	3865877.25	5.43E-04	5.50E-04	5.46E-04	1.88E-07	5.68E-07	3.29E-07	3.33E-07	3.02E-07	1.38E-07	1.37E-07	6.28E-09	1.52E-07	3.35E-08	4.53E-08	7.18E-08	1.27E-08	7.17E-08	3.93E-07
5301	491863.09	3865877.25	5.40E-04	5.48E-04	5.42E-04	1.87E-07	5.65E-07	3.27E-07	3.32E-07	3.01E-07	1.37E-07	1.36E-07	6.25E-09	1.51E-07	3.33E-08	4.51E-08	7.15E-08	1.26E-08	7.12E-08	3.91E-07
5302	492363.09	3865877.25	5.06E-04	5.13E-04	5.06E-04	1.75E-07	5.29E-07	3.06E-07	3.11E-07	2.82E-07	1.29E-07	1.27E-07	5.85E-09	1.41E-07	3.12E-08	4.22E-08	6.69E-08	1.18E-08	6.66E-08	3.66E-07
5303	492863.09	3865877.25	3.52E-04	3.58E-04	3.48E-04	1.22E-07	3.68E-07	2.13E-07	2.17E-07	1.97E-07	8.98E-08	8.72E-08	4.07E-09	9.84E-08	2.17E-08	2.95E-08	4.67E-08	8.24E-09	4.58E-08	2.54E-07
5304	493363.09	3865877.25	3.68E-04	3.74E-04	3.63E-04	1.27E-07	3.85E-07	2.23E-07	2.27E-07	2.06E-07	9.38E-08	9.09E-08	4.26E-09	1.03E-07	2.27E-08	3.08E-08	4.88E-08	8.61E-09	4.77E-08	2.66E-07
5305	493863.09	3865877.25	4.61E-04	4.69E-04	4.58E-04	1.60E-07	4.83E-07	2.80E-07	2.84E-07	2.58E-07	1.18E-07	1.15E-07	5.34E-09	1.29E-07	2.85E-08	3.86E-08	6.12E-08	1.08E-08	6.03E-08	3.34E-07
5306	494363.09	3865877.25	5.69E-04	5.77E-04	5.72E-04	1.97E-07	5.96E-07	3.45E-07	3.50E-07	3.17E-07	1.45E-07	1.43E-07	6.59E-09	1.59E-07	3.51E-08	4.75E-08	7.53E-08	1.33E-08	7.52E-08	4.12E-07
5307	494863.09	3865877.25	6.43E-04	6.50E-04	6.50E-04	2.23E-07	6.72E-07	3.89E-07	3.94E-07	3.57E-07	1.63E-07	1.63E-07	7.44E-09	1.80E-07	3.96E-08	5.35E-08	8.48E-08	1.49E-08	8.54E-08	4.65E-07
5308	495363.09	3865877.25	6.27E-04	6.35E-04	6.33E-04	2.17E-07	6.57E-07	3.80E-07	3.85E-07	3.49E-07	1.59E-07	1.59E-07	7.26E-09	1.75E-07	3.87E-08	5.22E-08	8.29E-08	1.46E-08	8.32E-08	4.54E-07
5309	495863.09	3865877.25	6.00E-04	6.09E-04	6.03E-04	2.08E-07	6.28E-07	3.64E-07	3.69E-07	3.34E-07	1.52E-07	1.51E-07	6.95E-09	1.68E-07	3.70E-08	5.01E-08	7.94E-08	1.40E-08	7.93E-08	4.35E-07
5310	496363.09	3865877.25	5.87E-04	5.95E-04	5.88E-04	2.03E-07	6.14E-07	3.56E-07	3.61E-07	3.27E-07	1.49E-07	1.47E-07	6.79E-09	1.64E-07	3.62E-08	4.90E-08	7.77E-08	1.37E-08	7.73E-08	4.25E-07
5311	496863.09	3865877.25	5.78E-04	5.86E-04	5.78E-04	2.00E-07	6.04E-07	3.50E-07	3.55E-07	3.22E-07	1.47E-07	1.45E-07	6.68E-09	1.61E-07	3.56E-08	4.82E-08	7.64E-08	1.35E-08	7.60E-08	4.18E-07
5312	497363.09	3865877.25	5.98E-04	6.06E-04	6.01E-04	2.07E-07	6.26E-07	3.62E-07	3.67E-07	3.33E-07	1.52E-07	1.51E-07	6.92E-09	1.67E-07	3.69E-08	4.98E-08	7.90E-08	1.39E-08	7.91E-08	4.33E-07
5313	497863.09	3865877.25	6.11E-04	6.19E-04	6.17E-04	2.12E-07	6.40E-07	3.70E-07	3.75E-07	3.40E-07	1.55E-07	1.55E-07	7.08E-09	1.71E-07	3.77E-08	5.09E-08	8.07E-08	1.42E-08	8.11E-08	4.43E-07
5314	498363.09	3865877.25	5.97E-04	6.05E-04	6.04E-04	2.07E-07	6.25E-07	3.62E-07	3.66E-07	3.32E-07	1.51E-07	1.51E-07	6.91E-09	1.67E-07	3.69E-08	4.97E-08	7.89E-08	1.39E-08	7.94E-08	4.33E-07
5315	471363.09	3866377.25	2.85E-04	2.89E-04	2.86E-04	9.87E-08	2.98E-07	1.73E-07	1.75E-07	1.59E-07	7.23E-08	7.16E-08	3.30E-09	7.96E-08	1.76E-08	2.37E-08	3.77E-08	6.64E-09	3.76E-08	2.06E-07
5316	471863.09	3866377.25	2.94E-04	2.98E-04	2.94E-04	1.02E-07	3.07E-07	1.78E-07	1.80E-07	1.63E-07	7.46E-08	7.38E-08	3.40E-09	8.21E-08	1.81E-08	2.45E-08	3.88E-08	6.85E-09	3.87E-08	2.13E-07
5317	472363.09	3866377.25	3.02E-04	3.06E-04	3.03E-04	1.05E-07	3.16E-07	1.83E-07	1.85E-07	1.68E-07	7.66E-08	7.58E-08	3.49E-09	8.44E-08	1.86E-08	2.52E-08	3.99E-08	7.03E-09	3.98E-08	2.18E-07
5318	472863.09	3866377.25	3.10E-04	3.14E-04	3.11E-04	1.08E-07	3.25E-07	1.88E-07	1.90E-07	1.73E-07	7.88E-08	7.80E-08	3.59E-09	8.67E-08	1.91E-08	2.59E-08	4.10E-08	7.23E-09	4.09E-08	2.24E-07
5319	473363.09	3866377.25	3.18E-04	3.22E-04	3.19E-04	1.10E-07	3.33E-07	1.93E-07	1.95E-07	1.77E-07	8.07E-08	7.99E-08	3.68E-09	8.89E-08	1.96E-08	2.65E-08	4.20E-08	7.41E-09	4.19E-08	2.30E-07
5320	473863.09	3866377.25	3.26E-04	3.30E-04	3.27E-04	1.13E-07	3.41E-07	1.97E-07	2.00E-07	1.81E-07	8.27E-08	8.19E-08	3.77E-09	9.11E-08	2.01E-08	2.72E-08	4.31E-08	7.59E-09	4.30E-08	2.36E-07
5321	474363.09	3866377.25	3.35E-04	3.39E-04	3.36E-04	1.16E-07	3.50E-07	2.03E-07	2.05E-07	1.86E-07	8.50E-08	8.42E-08	3.87E-09	9.36E-08	2.06E-08	2.79E-08	4.42E-08	7.80E-09	4.42E-08	2.42E-07
5322	474863.09	3866377.25	3.45E-04	3.50E-04	3.46E-04	1.20E-07	3.61E-07	2.09E-07	2.12E-07	1.92E-07	8.76E-08	8.68E-08	3.99E-09	9.65E-08	2.13E-08	2.88E-08	4.56E-08	8.04E-09	4.55E-08	2.50E-07
5323	475363.09	3866377.25	3.56E-04	3.61E-04	3.57E-04	1.23E-07	3.73E-07	2.16E-07	2.19E-07	1.98E-07	9.04E-08	8.95E-08	4.12E-09	9.95E-08	2.20E-08	2.97E-08	4.71E-08	8.29E-09	4.70E-08	2.58E-07
5324	475863.09	3866377.25	3.68E-04	3.73E-04	3.69E-04	1.28E-07	3.85E-07	2.23E-07	2.26E-07	2.05E-07	9.34E-08	9.25E-08	4.26E-09	1.03E-07	2.27E-08	3.07E-08	4.86E-08	8.57E-09	4.85E-08	2.66E-07
5325	476363.09	3866377.25	3.78E-04	3.83E-04	3.78E-04	1.31E-07	3.95E-07	2.29E-07	2.32E-07	2.10E-07	9.59E-08	9.48E-08	4.37E-09	1.06E-07	2.33E-08	3.15E-08	4.99E-08	8.80E-09	4.97E-08	2.73E-07
5326	476863.09	3866377.25	3.53E-04	3.58E-04	3.51E-04	1.22E-07	3.69E-07	2.14E-07	2.17E-07	1.97E-07	8.97E-08	8.80E-08	4.08E-09	9.86E-08	2.18E-08	2.94E-08	4.67E-08	8.23E-09	4.62E-08	2.55E-07
5327	477363.09	3866377.25	3.88E-04	3.93E-04	3.87E-04	1.34E-07	4.06E-07	2.35E-07	2.38E-07	2.16E-07	9.86E-08	9.71E-08	4.49E-09	1.08E-07	2.39E-08	3.24E-08	5.13E-08	9.05E-09	5.09E-08	2.80E-07
5328	477863.09	3866377.25	4.09E-04	4.15E-04	4.09E-04	1.42E-07	4.28E-07	2.48E-07	2.51E-07	2.28E-07	1.04E-07	1.02E-07	4.73E-09	1.14E-07	2.52E-08	3.41E-08	5.41E-08	9.53E-09	5.38E-08	2.96E-07
5329	478363.09	3866377.25	4.15E-04	4.21E-04	4.15E-04	1.44E-07	4.35E-07	2.52E-07	2.55E-07	2.31E-07	1.06E-07	1.04E-07	4.81E-09	1.16E-07	2.56E-08	3.46E-08	5.50E-08	9.69E-09	5.46E-08	3.00E-07
5330	478863.09	3866377.25	4.23E-04	4.30E-04	4.23E-04	1.47E-07	4.43E-07	2.56E-07	2.60E-07	2.36E-07	1.08E-07	1.06E-07	4.90E-09	1.18E-07	2.61E-08	3.53E-08	5.60E-08	9.88E-09	5.56E-08	3.06E-07
5331	479363.09	3866377.25	4.35E-04	4.42E-04	4.35E-04	1.51E-07	4.55E-07	2.64E-07	2.68E-07	2.43E-07	1.11E-07	1.09E-07	5.04E-09	1.22E-07	2.68E-08	3.63E-08	5.76E-08	1.02E-08	5.72E-08	3.15E-07
5332	479863.09	3866377.25	4.50E-04	4.56E-04	4.50E-04	1.56E-07	4.71E-07	2.72E-07	2.76E-07	2.51E-07	1.14E-07	1.13E-07	5.20E-09	1.26E-07	2.77E-08	3.75E-08	5.95E-08	1.05E-08	5.91E-08	3.25E-07
5333	480363.09	3866377.25	4.63E-04	4.69E-04	4.63E-04	1.60E-07	4.84E-07	2.80E-07	2.84E-07	2.58E-07	1.18E-07	1.16E-07	5.35E-09	1.29E-07	2.85E-08	3.86E-08	6.12E-08	1.08E-08	6.09E-08	3.35E-07
5334	480863.09	3866377.25	4.73E-04	4.80E-04	4.74E-04	1.64E-07	4.95E-07	2.86E-07	2.90E-07	2.63E-07	1.20E-07	1.19E-07	5.47E-09	1.32E-07	2.92E-08	3.94E-08	6.26E-08	1.10E-08	6.24E-08	3.42E-07
5335	481363.09	3866377.25	4.84E-04	4.91E-04	4.86E-04	1.68E-07	5.07E-07	2.93E-07	2.97E-07	2.70E-07	1.23E-07	1.22E-07	5.61E-09	1.35E-07	2.99E-08	4.04E-08	6.41E-08	1.13E-08	6.40E-08	3.51E-07
5336	481863.09	3866377.25	5.00E-04	5.07E-04	5.03E-04	1.73E-07	5.24E-07	3.03E-07	3.07E-07	2.78E-07	1.27E-07	1.26E-07	5.79E-09	1.40E-07	3.09E-08	4.17E-08	6.62E-08	1.17E-08	6.62E-08	3.62E-07
5337	482363.09	3866377.25	5.23E-04	5.30E-04	5.27E-04	1.81E-07	5.47E-07	3.17E-07	3.21E-07	2.91E-07	1.33E-07	1.32E-07	6.05E-09	1.46E-07	3.23E-08	4.36E-08	6.91E-08	1.22E-08	6.93E-08	3.79E-07
5338	482863.09	3866377.25	5.44E-04	5.50E-04	5.49E-04	1.88E-07	5.69E-07	3.29E-07	3.33E-07	3.02E-07	1.38E-07	1.37E-07	6.29E-09	1.52E-07	3.35E-08	4.53E-08	7.18E-08	1.27E-08	7.21E-08	3.94E-07
5339	483363.09	3866377.25	5.52E-04	5.58E-04	5.57E-04	1.91E-07	5.77E-07	3.34E-07	3.38E-07	3.07E-07	1.40E-07	1.39E-07	6.38E-09	1.54E-07	3.40E-08	4.59E-08	7.28E-08	1.28E-08	7.32E-08	3.99E-07
5340	483863.09	3866377.25	5.53E-04	5.60E-04	5.58E-04	1.92E-07	5.79E-07	3.35E-07	3.39E-07	3.07E-07	1.40E-07	1.40E-07	6.40E-09	1.55E-07	3.41E-08	4.60E-08	7.30E-08	1.29E-08	7.33E-08	4.00E-07
5341	484363.09	3866377.25	5.58E-04	5.65E-04	5.63E-04	1.93E-07	5.84E-07	3.38E-07	3.42E-07	3.10E-07	1.42E-07	1.41E-07	6.46E-09	1.56E-07	3.44E-08	4.65E-08	7.37E-08	1.30E-08	7.41E-08	4.04E-07
5342	484863.09	3866377.25	5.65E-04	5.72E-04	5.71E-04	1.96E-07	5.91E-07	3.42E-07	3.46E-07	3.14E-07	1.43E-07	1.43E-07	6.54E-09	1.58E-07	3.49E-08	4.70E-08	7.46E-08	1.31E-08	7.51E-08	4.09E-07
5343	485363.09	3866377.25	5.56E-04	5.62E-04	5.62E-04	1.93E-07	5.81E-07	3.37E-07	3.40E-07	3.09E-07	1.41E-07	1.41E-07	6.43E-09	1.55E-07	3.43E-08	4.62E-08	7.33E-08	1.29E-08	7.39E-08	4.02E-07
5344	485863.09	3866377.25	5.49E-04	5.55E-04	5.56E-04	1.90E-07	5.74E-07	3.32E-07	3.36E-07	3.05E-07	1.39E-07	1.39E-07	6.35E-09	1.53E-07	3.38E-08	4.56E-08	7.24E-08	1.28E-08	7.31E-08	3.97E-07
5345	486363.09	3866377.25	5.63E-04	5.69E-04	5.72E-04	1.95E-07	5.89E-07	3.41E-07	3.45E-07	3.13E-07	1.43E-07	1.43E-07	6.52E-09	1.57E-07	3.47E-08	4.68E-08	7.43E-08	1.31E-08	7.52E-08	4.08E-07
5346	486863.09	3866377.25	5.62E-04	5.68E-04	5.72E-04	1.95E-07	5.89E-07	3.41E-07	3.44E-07	3.12E-07	1.42E-07	1.43E-07	6.51E-09	1.57E-07	3.47E-08	4.67E-08	7.41E-08	1.31E-08	7.52E-08	4.08E-07

5347	487363.09	3866377.25	5.59E-04	5.65E-04	5.68E-04	1.94E-07	5.85E-07	3.39E-07	3.42E-07	3.10E-07	1.42E-07	1.42E-07	6.47E-09	1.56E-07	3.45E-08	4.65E-08	7.38E-08	1.30E-08	7.46E-08	4.05E-07
5348	487863.09	3866377.25	5.54E-04	5.60E-04	5.61E-04	1.92E-07	5.80E-07	3.36E-07	3.40E-07	3.08E-07	1.40E-07	1.40E-07	6.41E-09	1.55E-07	3.42E-08	4.61E-08	7.31E-08	1.29E-08	7.37E-08	4.01E-07
5349	488363.09	3866377.25	5.45E-04	5.51E-04	5.49E-04	1.89E-07	5.70E-07	3.30E-07	3.34E-07	3.03E-07	1.38E-07	1.38E-07	6.30E-09	1.52E-07	3.36E-08	4.53E-08	7.19E-08	1.27E-08	7.22E-08	3.94E-07
5350	488863.09	3866377.25	5.26E-04	5.33E-04	5.29E-04	1.82E-07	5.50E-07	3.19E-07	3.23E-07	2.93E-07	1.34E-07	1.33E-07	6.09E-09	1.47E-07	3.24E-08	4.38E-08	6.95E-08	1.23E-08	6.96E-08	3.81E-07
5351	489363.09	3866377.25	5.24E-04	5.30E-04	5.27E-04	1.81E-07	5.48E-07	3.17E-07	3.21E-07	2.91E-07	1.33E-07	1.32E-07	6.06E-09	1.46E-07	3.23E-08	4.36E-08	6.92E-08	1.22E-08	6.93E-08	3.79E-07
5352	489863.09	3866377.25	5.09E-04	5.15E-04	5.12E-04	1.76E-07	5.32E-07	3.08E-07	3.12E-07	2.83E-07	1.29E-07	1.28E-07	5.89E-09	1.42E-07	3.14E-08	4.24E-08	6.72E-08	1.18E-08	6.73E-08	3.68E-07
5353	490363.09	3866377.25	5.50E-04	5.56E-04	5.56E-04	1.90E-07	5.75E-07	3.33E-07	3.37E-07	3.05E-07	1.39E-07	1.39E-07	6.36E-09	1.54E-07	3.39E-08	4.57E-08	7.25E-08	1.28E-08	7.32E-08	3.98E-07
5354	490863.09	3866377.25	5.41E-04	5.48E-04	5.48E-04	1.88E-07	5.67E-07	3.28E-07	3.32E-07	3.01E-07	1.37E-07	1.37E-07	6.27E-09	1.51E-07	3.34E-08	4.50E-08	7.15E-08	1.26E-08	7.21E-08	3.92E-07
5355	491363.09	3866377.25	5.40E-04	5.47E-04	5.46E-04	1.87E-07	5.65E-07	3.27E-07	3.31E-07	3.00E-07	1.37E-07	1.37E-07	6.25E-09	1.51E-07	3.33E-08	4.50E-08	7.14E-08	1.26E-08	7.18E-08	3.91E-07
5356	491863.09	3866377.25	4.50E-04	4.57E-04	4.48E-04	1.56E-07	4.70E-07	2.72E-07	2.77E-07	2.51E-07	1.14E-07	1.12E-07	5.20E-09	1.26E-07	2.77E-08	3.76E-08	5.96E-08	1.05E-08	5.90E-08	3.25E-07
5357	492363.09	3866377.25	4.62E-04	4.69E-04	4.62E-04	1.60E-07	4.84E-07	2.80E-07	2.84E-07	2.58E-07	1.18E-07	1.16E-07	5.35E-09	1.29E-07	2.85E-08	3.86E-08	6.12E-08	1.08E-08	6.07E-08	3.34E-07
5358	492863.09	3866377.25	3.94E-04	4.01E-04	3.92E-04	1.37E-07	4.13E-07	2.39E-07	2.43E-07	2.20E-07	1.00E-07	9.83E-08	4.56E-09	1.10E-07	2.43E-08	3.30E-08	5.23E-08	9.21E-09	5.16E-08	2.85E-07
5359	493363.09	3866377.25	4.22E-04	4.28E-04	4.21E-04	1.46E-07	4.42E-07	2.56E-07	2.60E-07	2.35E-07	1.07E-07	1.06E-07	4.88E-09	1.18E-07	2.60E-08	3.52E-08	5.59E-08	9.85E-09	5.54E-08	3.05E-07
5360	493863.09	3866377.25	4.72E-04	4.79E-04	4.72E-04	1.64E-07	4.94E-07	2.86E-07	2.90E-07	2.63E-07	1.20E-07	1.18E-07	5.47E-09	1.32E-07	2.91E-08	3.94E-08	6.25E-08	1.10E-08	6.20E-08	3.42E-07
5361	494363.09	3866377.25	5.50E-04	5.57E-04	5.53E-04	1.91E-07	5.75E-07	3.33E-07	3.37E-07	3.06E-07	1.40E-07	1.39E-07	6.36E-09	1.54E-07	3.39E-08	4.58E-08	7.27E-08	1.28E-08	7.27E-08	3.98E-07
5362	494863.09	3866377.25	5.63E-04	5.70E-04	5.68E-04	1.95E-07	5.89E-07	3.41E-07	3.45E-07	3.13E-07	1.43E-07	1.42E-07	6.52E-09	1.57E-07	3.47E-08	4.69E-08	7.44E-08	1.31E-08	7.47E-08	4.08E-07
5363	495363.09	3866377.25	5.46E-04	5.52E-04	5.51E-04	1.89E-07	5.71E-07	3.31E-07	3.35E-07	3.03E-07	1.38E-07	1.38E-07	6.32E-09	1.53E-07	3.37E-08	4.54E-08	7.21E-08	1.27E-08	7.24E-08	3.95E-07
5364	495863.09	3866377.25	5.19E-04	5.25E-04	5.21E-04	1.80E-07	5.43E-07	3.14E-07	3.18E-07	2.89E-07	1.32E-07	1.31E-07	6.00E-09	1.45E-07	3.20E-08	4.32E-08	6.86E-08	1.21E-08	6.85E-08	3.75E-07
5365	496363.09	3866377.25	5.01E-04	5.08E-04	5.00E-04	1.74E-07	5.24E-07	3.03E-07	3.08E-07	2.79E-07	1.27E-07	1.25E-07	5.79E-09	1.40E-07	3.09E-08	4.18E-08	6.63E-08	1.17E-08	6.57E-08	3.62E-07
5366	496863.09	3866377.25	4.79E-04	4.86E-04	4.76E-04	1.66E-07	5.01E-07	2.90E-07	2.95E-07	2.67E-07	1.22E-07	1.19E-07	5.54E-09	1.34E-07	2.95E-08	4.00E-08	6.35E-08	1.12E-08	6.26E-08	3.46E-07
5367	497363.09	3866377.25	4.88E-04	4.96E-04	4.86E-04	1.69E-07	5.11E-07	2.96E-07	3.00E-07	2.72E-07	1.24E-07	1.22E-07	5.65E-09	1.36E-07	3.01E-08	4.08E-08	6.47E-08	1.14E-08	6.40E-08	3.53E-07
5368	497863.09	3866377.25	5.09E-04	5.17E-04	5.10E-04	1.76E-07	5.33E-07	3.08E-07	3.13E-07	2.84E-07	1.29E-07	1.28E-07	5.89E-09	1.42E-07	3.14E-08	4.25E-08	6.74E-08	1.19E-08	6.70E-08	3.68E-07
5369	498363.09	3866377.25	4.51E-04	4.58E-04	4.51E-04	1.56E-07	4.72E-07	2.73E-07	2.77E-07	2.51E-07	1.15E-07	1.13E-07	5.22E-09	1.26E-07	2.78E-08	3.77E-08	5.97E-08	1.05E-08	5.93E-08	3.26E-07
5370	474494.92	3848334.16	1.65E-04	1.70E-04	1.57E-04	5.72E-08	1.73E-07	1.00E-07	1.03E-07	9.31E-08	4.25E-08	3.94E-08	1.91E-09	4.62E-08	1.02E-08	1.39E-08	2.21E-08	3.90E-09	2.07E-08	1.19E-07
5371	475167.27	3848920.79	1.84E-04	1.89E-04	1.75E-04	6.37E-08	1.92E-07	1.11E-07	1.14E-07	1.04E-07	4.74E-08	4.38E-08	2.13E-09	5.14E-08	1.13E-08	1.55E-08	2.47E-08	4.35E-09	2.30E-08	1.32E-07
5372	475297.89	3848997.96	1.87E-04	1.92E-04	1.78E-04	6.47E-08	1.95E-07	1.13E-07	1.16E-07	1.05E-07	4.81E-08	4.45E-08	2.16E-09	5.22E-08	1.15E-08	1.58E-08	2.50E-08	4.41E-09	2.33E-08	1.34E-07
5373	475439.05	3849062	1.84E-04	1.89E-04	1.75E-04	6.38E-08	1.93E-07	1.12E-07	1.15E-07	1.04E-07	4.75E-08	4.38E-08	2.13E-09	5.15E-08	1.14E-08	1.56E-08	2.47E-08	4.35E-09	2.30E-08	1.33E-07
5374	475486.86	3849061.09	1.83E-04	1.88E-04	1.73E-04	6.34E-08	1.91E-07	1.11E-07	1.14E-07	1.03E-07	4.71E-08	4.35E-08	2.12E-09	5.11E-08	1.13E-08	1.55E-08	2.45E-08	4.32E-09	2.28E-08	1.32E-07
5375	475538.46	3849075.56	1.85E-04	1.90E-04	1.75E-04	6.39E-08	1.93E-07	1.12E-07	1.15E-07	1.04E-07	4.75E-08	4.39E-08	2.14E-09	5.16E-08	1.14E-08	1.56E-08	2.48E-08	4.36E-09	2.30E-08	1.33E-07
5376	475751.79	3849137.15	1.97E-04	2.03E-04	1.88E-04	6.84E-08	2.07E-07	1.20E-07	1.23E-07	1.11E-07	5.08E-08	4.72E-08	2.29E-09	5.52E-08	1.22E-08	1.67E-08	2.65E-08	4.66E-09	2.48E-08	1.42E-07
5377	476303.62	3849223.38	2.31E-04	2.36E-04	2.23E-04	8.00E-08	2.42E-07	1.40E-07	1.43E-07	1.30E-07	5.93E-08	5.59E-08	2.67E-09	6.46E-08	1.42E-08	1.95E-08	3.09E-08	5.44E-09	2.93E-08	1.67E-07
5378	476304.51	3849238.92	2.31E-04	2.36E-04	2.23E-04	8.00E-08	2.41E-07	1.40E-07	1.43E-07	1.30E-07	5.92E-08	5.58E-08	2.67E-09	6.45E-08	1.42E-08	1.94E-08	3.08E-08	5.44E-09	2.93E-08	1.66E-07
5379	476365.04	3849247.98	2.35E-04	2.41E-04	2.28E-04	8.16E-08	2.46E-07	1.43E-07	1.46E-07	1.32E-07	6.04E-08	5.70E-08	2.72E-09	6.58E-08	1.45E-08	1.98E-08	3.14E-08	5.54E-09	2.99E-08	1.70E-07
5380	476444.86	3849267.13	2.38E-04	2.44E-04	2.30E-04	8.26E-08	2.49E-07	1.44E-07	1.48E-07	1.34E-07	6.11E-08	5.77E-08	2.76E-09	6.66E-08	1.47E-08	2.01E-08	3.18E-08	5.61E-09	3.03E-08	1.72E-07
5381	476550.75	3849300.66	2.49E-04	2.54E-04	2.41E-04	8.61E-08	2.60E-07	1.51E-07	1.54E-07	1.40E-07	6.37E-08	6.04E-08	2.88E-09	6.95E-08	1.53E-08	2.09E-08	3.32E-08	5.85E-09	3.17E-08	1.79E-07
5382	476656.71	3849346.88	2.57E-04	2.63E-04	2.50E-04	8.90E-08	2.69E-07	1.56E-07	1.59E-07	1.44E-07	6.58E-08	6.25E-08	2.97E-09	7.18E-08	1.58E-08	2.16E-08	3.43E-08	6.04E-09	3.28E-08	1.85E-07
5383	476873.55	3849454.53	2.75E-04	2.81E-04	2.69E-04	9.54E-08	2.88E-07	1.67E-07	1.70E-07	1.54E-07	7.05E-08	6.73E-08	3.19E-09	7.70E-08	1.70E-08	2.31E-08	3.67E-08	6.47E-09	3.53E-08	1.99E-07
5384	477700	3849859.7	3.42E-04	3.49E-04	3.37E-04	1.19E-07	3.58E-07	2.07E-07	2.11E-07	1.92E-07	8.74E-08	8.45E-08	3.96E-09	9.57E-08	2.11E-08	2.87E-08	4.55E-08	8.02E-09	4.44E-08	2.47E-07
5385	477743.16	3849856.38	3.40E-04	3.46E-04	3.35E-04	1.18E-07	3.55E-07	2.06E-07	2.10E-07	1.90E-07	8.67E-08	8.39E-08	3.93E-09	9.50E-08	2.10E-08	2.85E-08	4.52E-08	7.96E-09	4.40E-08	2.45E-07
5386	478477.35	3850216.33	3.57E-04	3.64E-04	3.51E-04	1.24E-07	3.73E-07	2.16E-07	2.20E-07	2.00E-07	9.11E-08	8.80E-08	4.13E-09	9.97E-08	2.20E-08	2.99E-08	4.74E-08	8.36E-09	4.62E-08	2.58E-07
5387	478485.8	3850201.6	3.55E-04	3.62E-04	3.50E-04	1.23E-07	3.72E-07	2.15E-07	2.19E-07	1.99E-07	9.07E-08	8.77E-08	4.11E-09	9.93E-08	2.19E-08	2.98E-08	4.72E-08	8.33E-09	4.60E-08	2.57E-07
5388	479113.21	3850501.53	3.92E-04	4.00E-04	3.85E-04	1.36E-07	4.10E-07	2.38E-07	2.42E-07	2.20E-07	1.00E-07	9.65E-08	4.54E-09	1.10E-07	2.42E-08	3.29E-08	5.22E-08	9.19E-09	5.07E-08	2.83E-07
5389	479108.11	3850382.28	3.78E-04	3.85E-04	3.70E-04	1.31E-07	3.95E-07	2.29E-07	2.33E-07	2.12E-07	9.65E-08	9.27E-08	4.37E-09	1.06E-07	2.33E-08	3.17E-08	5.03E-08	8.86E-09	4.87E-08	2.73E-07
5390	479689.85	3850674.28	3.84E-04	3.93E-04	3.72E-04	1.33E-07	4.02E-07	2.33E-07	2.38E-07	2.16E-07	9.85E-08	9.32E-08	4.45E-09	1.07E-07	2.37E-08	3.23E-08	5.13E-08	9.04E-09	4.89E-08	2.77E-07
5391	479952.42	3850774.28	3.94E-04	4.05E-04	3.78E-04	1.37E-07	4.12E-07	2.39E-07	2.45E-07	2.22E-07	1.01E-07	9.47E-08	4.56E-09	1.10E-07	2.43E-08	3.33E-08	5.28E-08	9.30E-09	4.97E-08	2.84E-07
5392	479911.32	3850884.85	4.12E-04	4.22E-04	3.99E-04	1.43E-07	4.31E-07	2.50E-07	2.56E-07	2.32E-07	1.06E-07	9.99E-08	4.77E-09	1.15E-07	2.54E-08	3.47E-08	5.51E-08	9.71E-09	5.24E-08	2.97E-07
5393	480500.92	3851178.12	4.62E-04	4.75E-04	4.41E-04	1.60E-07	4.84E-07	2.80E-07	2.88E-07	2.61E-07	1.19E-07	1.10E-07	5.35E-09	1.29E-07	2.85E-08	3.91E-08	6.20E-08	1.09E-08	5.80E-08	3.33E-07
5394	480738.01	3851289.27	4.84E-04	4.98E-04	4.58E-04	1.68E-07	5.06E-07	2.93E-07	3.02E-07	2.73E-07	1.25E-07	1.15E-07	5.60E-09	1.35E-07	2.98E-08	4.09E-08	6.49E-08	1.14E-08	6.03E-08	3.48E-07
5395	481055.42	3851443.58	5.07E-04	5.23E-04	4.76E-04	1.76E-07	5.30E-07	3.07E-07	3.17E-07	2.87E-07	1.31E-07	1.19E-07	5.86E-09	1.42E-07	3.13E-08	4.30E-08	6.82E-08	1.20E-08	6.26E-08	3.65E-07
5396	481110.22	3851443.15	5.04E-04	5.20E-04	4.71E-04	1.74E-07	5.27E-07	3.05E-07	3.15E-07	2.86E-07	1.30E-07	1.18E-07	5.83E-09	1.41E-07	3.11E-08	4.28E-08	6.78E-08	1.20E-08	6.20E-08	3.62E-07
5397	481111.1	3851417.45	4.98E-04	5.14E-04	4.65E-04	1.72E-07	5.21E-07	3.02E-07	3.12E-07	2.82E-07	1.29E-07	1.17E-07	5.76E-09	1.39E-07	3.07E-08	4.23E-08	6.71E-08	1.18E-08	6.12E-08	3.58E-07
5398	482248.44	3852605.09	7.24E-04	7.49E-04	6.71E-04	2.51E-07	7.57E-07	4.38E-07	4.54E-07	4.12E-07	1.88E-07	1.68E-07	8.38E-09	2.02E-07	4.46E-08	6.16E-08	9.78E-08	1.72E-08	8.82E-08	5.20E-07
5399	482273.34	3852632.31	7.31E-04	7.57E-04	6.77E-04	2.53E-07	7.65E-07	4.43E-07	4.59E-07	4.16E-07	1.90E-07	1.70E-07	8.46E-09	2.04E-07	4.51E-08	6.23E-08	9.88E-08	1.74E-08	8.91E-08	5.25E-07

5400	482665.46	3853038.72	8.71E-04	9.03E-04	8.04E-04	3.02E-07	9.12E-07	5.28E-07	5.47E-07	4.96E-07	2.26E-07	2.02E-07	1.01E-08	2.44E-07	5.37E-08	7.43E-08	1.18E-07	2.08E-08	1.06E-07	6.26E-07
5401	483077.95	3853844.31	1.15E-03	1.19E-03	1.07E-03	4.00E-07	1.21E-06	6.99E-07	7.24E-07	6.56E-07	2.99E-07	2.67E-07	1.33E-08	3.22E-07	7.11E-08	9.83E-08	1.56E-07	2.75E-08	1.40E-07	8.29E-07
5402	483121.38	3853909.38	1.17E-03	1.21E-03	1.08E-03	4.06E-07	1.23E-06	7.09E-07	7.36E-07	6.67E-07	3.04E-07	2.70E-07	1.36E-08	3.27E-07	7.22E-08	9.99E-08	1.58E-07	2.79E-08	1.42E-07	8.41E-07
5403	483492.64	3853911.49	1.16E-03	1.21E-03	1.01E-03	4.00E-07	1.21E-06	7.00E-07	7.35E-07	6.66E-07	3.04E-07	2.52E-07	1.34E-08	3.23E-07	7.12E-08	9.98E-08	1.58E-07	2.79E-08	1.32E-07	8.26E-07
5404	483498.29	3854204.73	1.32E-03	1.38E-03	1.17E-03	4.58E-07	1.38E-06	8.00E-07	8.38E-07	7.59E-07	3.46E-07	2.93E-07	1.53E-08	3.69E-07	8.15E-08	1.14E-07	1.80E-07	3.18E-08	1.54E-07	9.46E-07
5405	484132.44	3854662.55	1.97E-03	2.07E-03	1.73E-03	6.84E-07	2.07E-06	1.20E-06	1.25E-06	1.14E-06	5.19E-07	4.33E-07	2.28E-08	5.52E-07	1.22E-07	1.70E-07	2.70E-07	4.76E-08	2.27E-07	1.41E-06
5406	484627.62	3854876.13	3.20E-03	3.38E-03	2.73E-03	1.11E-06	3.35E-06	1.94E-06	2.04E-06	1.85E-06	8.46E-07	6.84E-07	3.70E-08	8.94E-07	1.97E-07	2.78E-07	4.40E-07	7.76E-08	3.59E-07	2.28E-06
5407	484756.14	3854949.04	3.84E-03	4.07E-03	3.19E-03	1.33E-06	4.01E-06	2.32E-06	2.47E-06	2.24E-06	1.02E-06	8.00E-07	4.44E-08	1.07E-06	2.37E-07	3.35E-07	5.32E-07	9.37E-08	4.20E-07	2.73E-06
5408	486697.51	3856599.17	2.78E-02	3.09E-02	1.81E-02	9.62E-06	2.90E-05	1.68E-05	1.87E-05	1.70E-05	7.74E-06	4.54E-06	3.21E-07	7.76E-06	1.71E-06	2.54E-06	4.03E-06	7.10E-07	2.38E-06	1.95E-05
5409	487105.31	3856962.27	3.02E-02	3.35E-02	2.00E-02	1.05E-05	3.16E-05	1.83E-05	2.03E-05	1.84E-05	8.40E-06	5.00E-06	3.49E-07	8.44E-06	1.86E-06	2.76E-06	4.38E-06	7.71E-07	2.62E-06	2.12E-05
5410	487157.57	3856901.7	2.48E-02	2.74E-02	1.71E-02	8.59E-06	2.59E-05	1.50E-05	1.66E-05	1.50E-05	6.85E-06	4.28E-06	2.87E-07	6.93E-06	1.53E-06	2.25E-06	3.57E-06	6.29E-07	2.24E-06	1.74E-05
5411	487173.5	3856853.74	2.28E-02	2.50E-02	1.59E-02	7.89E-06	2.38E-05	1.38E-05	1.52E-05	1.38E-05	6.28E-06	3.99E-06	2.64E-07	6.37E-06	1.40E-06	2.06E-06	3.27E-06	5.76E-07	2.09E-06	1.60E-05
5412	487564.41	3856860.83	1.60E-02	1.73E-02	1.22E-02	5.55E-06	1.68E-05	9.71E-06	1.05E-05	9.53E-06	4.35E-06	3.06E-06	1.85E-07	4.48E-06	9.88E-07	1.43E-06	2.26E-06	3.99E-07	1.60E-06	1.13E-05
5413	487563.31	3856931.58	1.63E-02	1.77E-02	1.25E-02	5.66E-06	1.71E-05	9.89E-06	1.07E-05	9.70E-06	4.43E-06	3.13E-06	1.89E-07	4.57E-06	1.01E-06	1.45E-06	2.30E-06	4.06E-07	1.64E-06	1.16E-05
5414	487782.7	3856926.85	1.40E-02	1.51E-02	1.12E-02	4.87E-06	1.47E-05	8.51E-06	9.13E-06	8.28E-06	3.78E-06	2.80E-06	1.63E-07	3.93E-06	8.67E-07	1.24E-06	1.97E-06	3.47E-07	1.47E-06	9.98E-06
5415	487782.39	3856757.07	1.35E-02	1.45E-02	1.06E-02	4.68E-06	1.41E-05	8.18E-06	8.80E-06	7.97E-06	3.64E-06	2.65E-06	1.56E-07	3.77E-06	8.33E-07	1.19E-06	1.89E-06	3.34E-07	1.39E-06	9.58E-06
5416	487917.26	3856752.41	1.26E-02	1.35E-02	1.01E-02	4.38E-06	1.32E-05	7.65E-06	8.20E-06	7.43E-06	3.39E-06	2.52E-06	1.46E-07	3.53E-06	7.79E-07	1.11E-06	1.77E-06	3.11E-07	1.32E-06	8.97E-06
5417	487919.57	3856953.35	1.30E-02	1.39E-02	1.06E-02	4.51E-06	1.36E-05	7.89E-06	8.42E-06	7.63E-06	3.48E-06	2.66E-06	1.51E-07	3.64E-06	8.03E-07	1.14E-06	1.81E-06	3.20E-07	1.40E-06	9.27E-06
5418	487932.76	3857000.32	1.28E-02	1.37E-02	1.06E-02	4.45E-06	1.34E-05	7.78E-06	8.29E-06	7.51E-06	3.43E-06	2.65E-06	1.49E-07	3.59E-06	7.92E-07	1.13E-06	1.78E-06	3.15E-07	1.39E-06	9.15E-06
5419	487960.5	3857044.75	1.26E-02	1.33E-02	1.05E-02	4.35E-06	1.31E-05	7.61E-06	8.08E-06	7.32E-06	3.34E-06	2.62E-06	1.45E-07	3.51E-06	7.75E-07	1.10E-06	1.74E-06	3.07E-07	1.38E-06	8.95E-06
5420	488016.54	3857089.54	1.21E-02	1.28E-02	1.03E-02	4.19E-06	1.27E-05	7.33E-06	7.76E-06	7.03E-06	3.21E-06	2.57E-06	1.40E-07	3.38E-06	7.47E-07	1.05E-06	1.67E-06	2.95E-07	1.35E-06	8.64E-06
5421	488114.39	3857165.47	1.15E-02	1.20E-02	9.98E-03	3.97E-06	1.20E-05	6.94E-06	7.30E-06	6.62E-06	3.02E-06	2.50E-06	1.33E-07	3.20E-06	7.07E-07	9.91E-07	1.57E-06	2.77E-07	1.31E-06	8.19E-06
5422	488171.49	3857234.24	1.11E-02	1.17E-02	9.92E-03	3.86E-06	1.17E-05	6.75E-06	7.07E-06	6.40E-06	2.92E-06	2.49E-06	1.29E-07	3.12E-06	6.88E-07	9.59E-07	1.52E-06	2.68E-07	1.30E-06	7.99E-06
5423	488193.16	3857297.8	1.11E-02	1.15E-02	1.00E-02	3.83E-06	1.16E-05	6.70E-06	6.97E-06	6.32E-06	2.88E-06	2.51E-06	1.28E-07	3.09E-06	6.82E-07	9.47E-07	1.50E-06	2.65E-07	1.32E-06	7.93E-06
5424	488189.27	3857649.94	1.18E-02	1.20E-02	1.15E-02	4.08E-06	1.23E-05	7.13E-06	7.28E-06	6.60E-06	3.01E-06	2.88E-06	1.36E-07	3.29E-06	7.26E-07	9.88E-07	1.57E-06	2.76E-07	1.51E-06	8.50E-06
5425	488127.43	3857732.32	1.23E-02	1.26E-02	1.22E-02	4.28E-06	1.29E-05	7.48E-06	7.61E-06	6.90E-06	3.15E-06	3.06E-06	1.43E-07	3.45E-06	7.61E-07	1.03E-06	1.64E-06	2.89E-07	1.60E-06	8.92E-06
5426	488149.93	3857752.94	1.25E-02	1.27E-02	1.24E-02	4.33E-06	1.31E-05	7.56E-06	7.69E-06	6.97E-06	3.18E-06	3.10E-06	1.44E-07	3.49E-06	7.70E-07	1.04E-06	1.66E-06	2.92E-07	1.63E-06	9.02E-06
5427	488144.76	3857758.71	1.25E-02	1.27E-02	1.24E-02	4.34E-06	1.31E-05	7.59E-06	7.72E-06	6.99E-06	3.19E-06	3.11E-06	1.45E-07	3.50E-06	7.73E-07	1.05E-06	1.66E-06	2.93E-07	1.63E-06	9.06E-06
5428	488335.58	3857932.55	3.82E-02	3.84E-02	3.83E-02	1.32E-05	4.00E-05	2.31E-05	2.32E-05	2.11E-05	9.61E-06	9.60E-06	4.42E-07	1.07E-05	2.36E-06	3.15E-06	5.00E-06	8.82E-07	5.04E-06	2.76E-05
5429	488372.29	3857943.79	3.77E-02	3.78E-02	3.78E-02	1.30E-05	3.94E-05	2.28E-05	2.29E-05	2.08E-05	9.47E-06	9.47E-06	4.36E-07	1.05E-05	2.32E-06	3.11E-06	4.93E-06	8.69E-07	4.97E-06	2.72E-05
5430	488828.64	3857936.4	1.90E-02	1.91E-02	1.90E-02	6.57E-06	1.98E-05	1.15E-05	1.16E-05	1.05E-05	4.79E-06	4.76E-06	2.19E-07	5.30E-06	1.17E-06	1.57E-06	2.49E-06	4.39E-07	2.50E-06	1.37E-05
5431	488829.08	3857959.58	1.88E-02	1.90E-02	1.89E-02	6.52E-06	1.97E-05	1.14E-05	1.15E-05	1.04E-05	4.75E-06	4.73E-06	2.18E-07	5.26E-06	1.16E-06	1.56E-06	2.47E-06	4.36E-07	2.48E-06	1.36E-05
5432	488351.61	3857964.55	4.03E-02	4.05E-02	4.05E-02	1.40E-05	4.22E-05	2.44E-05	2.45E-05	2.22E-05	1.01E-05	1.01E-05	4.66E-07	1.13E-05	2.49E-06	3.33E-06	5.28E-06	9.30E-07	5.32E-06	2.91E-05
5433	488316.87	3857947.65	4.11E-02	4.12E-02	4.12E-02	1.42E-05	4.30E-05	2.49E-05	2.50E-05	2.26E-05	1.03E-05	1.03E-05	4.75E-07	1.15E-05	2.53E-06	3.39E-06	5.38E-06	9.48E-07	5.42E-06	2.96E-05
5434	488129.1	3857775.77	1.27E-02	1.29E-02	1.26E-02	4.40E-06	1.33E-05	7.69E-06	7.81E-06	7.08E-06	3.23E-06	3.16E-06	1.47E-07	3.55E-06	7.83E-07	1.06E-06	1.68E-06	2.96E-07	1.66E-06	9.17E-06
5435	488062.53	3857846.13	1.36E-02	1.38E-02	1.36E-02	4.71E-06	1.42E-05	8.23E-06	8.33E-06	7.56E-06	3.45E-06	3.41E-06	1.57E-07	3.80E-06	8.38E-07	1.13E-06	1.80E-06	3.16E-07	1.79E-06	9.82E-06
5436	488330.41	3858091.34	2.51E-02	2.52E-02	2.54E-02	8.69E-06	2.62E-05	1.52E-05	1.53E-05	1.38E-05	6.32E-06	6.35E-06	2.90E-07	7.01E-06	1.55E-06	2.07E-06	3.29E-06	5.80E-07	3.33E-06	1.81E-05
5437	488470.87	3858174.45	1.86E-02	1.87E-02	1.90E-02	6.45E-06	1.95E-05	1.13E-05	1.13E-05	1.03E-05	4.69E-06	4.75E-06	2.15E-07	5.20E-06	1.15E-06	1.54E-06	2.44E-06	4.31E-07	2.49E-06	1.35E-05
5438	488568.9	3858262.31	1.70E-02	1.71E-02	1.74E-02	5.88E-06	1.78E-05	1.03E-05	1.03E-05	9.38E-06	4.28E-06	4.36E-06	1.96E-07	4.74E-06	1.05E-06	1.40E-06	2.23E-06	3.93E-07	2.29E-06	1.23E-05
5439	488964.27	3858025.71	1.63E-02	1.65E-02	1.64E-02	5.65E-06	1.71E-05	9.88E-06	9.97E-06	9.04E-06	4.12E-06	4.11E-06	1.89E-07	4.56E-06	1.01E-06	1.35E-06	2.15E-06	3.78E-07	2.16E-06	1.18E-05
5440	489147.25	3857956.64	1.48E-02	1.50E-02	1.48E-02	5.14E-06	1.55E-05	8.98E-06	9.07E-06	8.23E-06	3.75E-06	3.72E-06	1.72E-07	4.14E-06	9.14E-07	1.23E-06	1.95E-06	3.44E-07	1.95E-06	1.07E-05
5441	489343.52	3857932.45	1.33E-02	1.35E-02	1.33E-02	4.62E-06	1.39E-05	8.07E-06	8.17E-06	7.40E-06	3.38E-06	3.33E-06	1.54E-07	3.72E-06	8.22E-07	1.11E-06	1.76E-06	3.10E-07	1.75E-06	9.63E-06
5442	489866.19	3857923.19	1.09E-02	1.10E-02	1.08E-02	3.78E-06	1.14E-05	6.60E-06	6.69E-06	6.06E-06	2.77E-06	2.72E-06	1.26E-07	3.05E-06	6.72E-07	9.08E-07	1.44E-06	2.54E-07	1.43E-06	7.87E-06
5443	489955.65	3857902.27	1.05E-02	1.07E-02	1.05E-02	3.65E-06	1.10E-05	6.37E-06	6.47E-06	5.86E-06	2.67E-06	2.62E-06	1.22E-07	2.94E-06	6.49E-07	8.78E-07	1.39E-06	2.45E-07	1.38E-06	7.60E-06
5444	490079.44	3857847.9	1.01E-02	1.03E-02	1.01E-02	3.52E-06	1.06E-05	6.15E-06	6.24E-06	5.66E-06	2.58E-06	2.52E-06	1.17E-07	2.84E-06	6.26E-07	8.47E-07	1.34E-06	2.37E-07	1.32E-06	7.33E-06
5445	490108.49	3857934.13	1.02E-02	1.03E-02	1.02E-02	3.54E-06	1.07E-05	6.18E-06	6.27E-06	5.68E-06	2.59E-06	2.55E-06	1.18E-07	2.85E-06	6.29E-07	8.51E-07	1.35E-06	2.38E-07	1.34E-06	7.37E-06
5446	489884.48	3858014.17	1.10E-02	1.11E-02	1.10E-02	3.81E-06	1.15E-05	6.65E-06	6.74E-06	6.11E-06	2.79E-06	2.75E-06	1.27E-07	3.07E-06	6.77E-07	9.14E-07	1.45E-06	2.56E-07	1.45E-06	7.94E-06
5447	489326.56	3858025.86	1.34E-02	1.35E-02	1.34E-02	4.64E-06	1.40E-05	8.11E-06	8.19E-06	7.43E-06	3.39E-06	3.37E-06	1.55E-07	3.74E-06	8.25E-07	1.11E-06	1.76E-06	3.11E-07	1.77E-06	9.68E-06
5448	489130.38	3858056.71	1.45E-02	1.47E-02	1.46E-02	5.04E-06	1.52E-05	8.81E-06	8.89E-06	8.06E-06	3.68E-06	3.67E-06	1.68E-07	4.06E-06	8.97E-07	1.21E-06	1.92E-06	3.38E-07	1.93E-06	1.05E-05
5449	488936.49	3858143.93	1.55E-02	1.56E-02	1.57E-02	5.36E-06	1.62E-05	9.37E-06	9.45E-06	8.56E-06	3.91E-06	3.93E-06	1.79E-07	4.32E-06	9.54E-07	1.28E-06	2.03E-06	3.59E-07	2.06E-06	1.12E-05
5450	488638.08	3858327.45	1.66E-02	1.67E-02	1.70E-02	5.74E-06	1.73E-05	1.00E-05	1.01E-05	9.15E-06	4.17E-06	4.27E-06	1.92E-07	4.63E-06	1.02E-06	1.37E-06	2.17E-06	3.83E-07	2.24E-06	1.20E-05
5451	488663.79	3858349.57	1.65E-02	1.66E-02	1.70E-02	5.71E-06	1.72E-05	9.98E-06	1.00E-05	9.10E-06	4.15E-06	4.25E-06	1.91E-07	4.61E-06	1.02E-06	1.36E-06	2.16E-06	3.81E-07	2.23E-06	1.19E-05
5452	488694.56	3858349.5	1.63E-02	1.64E-02	1.68E-02	5.66E-06	1.71E-05	9.89E-06	9.95E-06	9.02E-06	4.12E-06	4.21E-06	1.89E-07	4.57E-06	1.01E-06	1.35E-06	2.14E-06	3.78E-07	2.21E-06	1.18E-05

5453	488694.35	3858336.75	1.63E-02	1.64E-02	1.68E-02	5.65E-06	1.71E-05	9.88E-06	9.94E-06	9.01E-06	4.11E-06	4.20E-06	1.89E-07	4.56E-06	1.01E-06	1.35E-06	2.14E-06	3.77E-07	2.21E-06	1.18E-05
5454	488712.81	3858336.38	1.62E-02	1.63E-02	1.67E-02	5.62E-06	1.70E-05	9.82E-06	9.88E-06	8.96E-06	4.09E-06	4.18E-06	1.88E-07	4.53E-06	1.00E-06	1.34E-06	2.13E-06	3.75E-07	2.19E-06	1.18E-05
5455	488713.23	3858367.46	1.63E-02	1.64E-02	1.68E-02	5.65E-06	1.71E-05	9.87E-06	9.93E-06	9.00E-06	4.11E-06	4.21E-06	1.89E-07	4.56E-06	1.01E-06	1.35E-06	2.14E-06	3.77E-07	2.21E-06	1.18E-05
5456	488704.63	3858384.05	1.64E-02	1.65E-02	1.69E-02	5.69E-06	1.72E-05	9.95E-06	1.00E-05	9.07E-06	4.14E-06	4.24E-06	1.90E-07	4.59E-06	1.01E-06	1.36E-06	2.15E-06	3.80E-07	2.23E-06	1.19E-05
5457	488604.15	3858488.29	1.79E-02	1.80E-02	1.86E-02	6.21E-06	1.87E-05	1.08E-05	1.09E-05	9.88E-06	4.51E-06	4.65E-06	2.07E-07	5.01E-06	1.10E-06	1.48E-06	2.35E-06	4.14E-07	2.44E-06	1.30E-05
5458	488605.66	3858550.47	1.89E-02	1.90E-02	1.96E-02	6.55E-06	1.98E-05	1.14E-05	1.15E-05	1.04E-05	4.76E-06	4.91E-06	2.19E-07	5.28E-06	1.17E-06	1.56E-06	2.48E-06	4.37E-07	2.58E-06	1.37E-05
5459	488692.68	3858548.71	1.84E-02	1.84E-02	1.90E-02	6.36E-06	1.92E-05	1.11E-05	1.12E-05	1.01E-05	4.62E-06	4.77E-06	2.12E-07	5.13E-06	1.13E-06	1.52E-06	2.41E-06	4.24E-07	2.50E-06	1.33E-05
5460	488759.93	3858461.81	1.67E-02	1.68E-02	1.73E-02	5.80E-06	1.75E-05	1.01E-05	1.02E-05	9.24E-06	4.21E-06	4.33E-06	1.94E-07	4.68E-06	1.03E-06	1.38E-06	2.19E-06	3.87E-07	2.27E-06	1.21E-05
5461	488816.57	3858541.79	1.76E-02	1.76E-02	1.82E-02	6.08E-06	1.84E-05	1.06E-05	1.07E-05	9.68E-06	4.42E-06	4.56E-06	2.03E-07	4.91E-06	1.08E-06	1.45E-06	2.30E-06	4.05E-07	2.39E-06	1.27E-05
5462	488944.63	3858656.77	1.95E-02	1.96E-02	2.03E-02	6.77E-06	2.04E-05	1.18E-05	1.19E-05	1.08E-05	4.92E-06	5.09E-06	2.26E-07	5.46E-06	1.21E-06	1.61E-06	2.56E-06	4.51E-07	2.67E-06	1.42E-05
5463	489134.91	3858830.7	2.39E-02	2.40E-02	2.50E-02	8.29E-06	2.50E-05	1.45E-05	1.45E-05	1.32E-05	6.01E-06	6.26E-06	2.77E-07	6.69E-06	1.48E-06	1.97E-06	3.13E-06	5.52E-07	3.29E-06	1.74E-05
5464	489193.99	3858886.05	2.51E-02	2.52E-02	2.63E-02	8.71E-06	2.63E-05	1.52E-05	1.53E-05	1.38E-05	6.31E-06	6.58E-06	2.91E-07	7.03E-06	1.55E-06	2.07E-06	3.29E-06	5.79E-07	3.45E-06	1.83E-05
5465	489295.2	3858954.34	2.55E-02	2.56E-02	2.67E-02	8.85E-06	2.67E-05	1.55E-05	1.55E-05	1.41E-05	6.41E-06	6.69E-06	2.95E-07	7.14E-06	1.57E-06	2.10E-06	3.34E-06	5.88E-07	3.51E-06	1.85E-05
5466	489295.64	3858992.74	2.66E-02	2.67E-02	2.79E-02	9.22E-06	2.79E-05	1.61E-05	1.62E-05	1.46E-05	6.68E-06	6.98E-06	3.08E-07	7.44E-06	1.64E-06	2.19E-06	3.48E-06	6.13E-07	3.66E-06	1.93E-05
5467	489183.74	3858911.72	2.63E-02	2.64E-02	2.75E-02	9.11E-06	2.75E-05	1.59E-05	1.60E-05	1.45E-05	6.61E-06	6.89E-06	3.04E-07	7.35E-06	1.62E-06	2.17E-06	3.44E-06	6.06E-07	3.62E-06	1.91E-05
5468	488873.37	3858625.59	1.91E-02	1.92E-02	1.98E-02	6.61E-06	2.00E-05	1.16E-05	1.16E-05	1.05E-05	4.80E-06	4.97E-06	2.21E-07	5.33E-06	1.18E-06	1.58E-06	2.50E-06	4.40E-07	2.61E-06	1.39E-05
5469	488842.84	3858658.69	2.03E-02	2.04E-02	2.11E-02	7.04E-06	2.13E-05	1.23E-05	1.24E-05	1.12E-05	5.11E-06	5.30E-06	2.35E-07	5.68E-06	1.25E-06	1.68E-06	2.66E-06	4.69E-07	2.78E-06	1.48E-05
5470	488856.39	3858670.93	2.06E-02	2.07E-02	2.15E-02	7.14E-06	2.16E-05	1.25E-05	1.25E-05	1.14E-05	5.18E-06	5.38E-06	2.38E-07	5.76E-06	1.27E-06	1.70E-06	2.70E-06	4.76E-07	2.82E-06	1.50E-05
5471	488805.7	3858724.5	2.34E-02	2.34E-02	2.44E-02	8.10E-06	2.44E-05	1.42E-05	1.42E-05	1.29E-05	5.87E-06	6.11E-06	2.70E-07	6.53E-06	1.44E-06	1.93E-06	3.06E-06	5.39E-07	3.20E-06	1.70E-05
5472	488805.87	3858804.16	2.84E-02	2.84E-02	2.97E-02	9.82E-06	2.97E-05	1.72E-05	1.72E-05	1.56E-05	7.12E-06	7.43E-06	3.28E-07	7.92E-06	1.75E-06	2.34E-06	3.71E-06	6.54E-07	3.90E-06	2.06E-05
5473	488995.78	3858936.96	3.29E-02	3.30E-02	3.45E-02	1.14E-05	3.44E-05	1.99E-05	2.00E-05	1.81E-05	8.26E-06	8.64E-06	3.81E-07	9.20E-06	2.03E-06	2.71E-06	4.30E-06	7.58E-07	4.54E-06	2.39E-05
5474	489130.76	3859017.38	3.19E-02	3.19E-02	3.34E-02	1.10E-05	3.33E-05	1.93E-05	1.93E-05	1.75E-05	8.00E-06	8.37E-06	3.69E-07	8.91E-06	1.97E-06	2.63E-06	4.16E-06	7.34E-07	4.39E-06	2.32E-05
5475	489130.92	3859052.24	3.29E-02	3.30E-02	3.45E-02	1.14E-05	3.45E-05	1.99E-05	2.00E-05	1.81E-05	8.27E-06	8.65E-06	3.81E-07	9.21E-06	2.03E-06	2.71E-06	4.30E-06	7.59E-07	4.54E-06	2.39E-05
5476	489200.33	3859090.6	3.16E-02	3.16E-02	3.31E-02	1.09E-05	3.30E-05	1.91E-05	1.92E-05	1.74E-05	7.93E-06	8.29E-06	3.65E-07	8.83E-06	1.95E-06	2.60E-06	4.13E-06	7.27E-07	4.35E-06	2.29E-05
5477	489296.07	3859143.7	2.97E-02	2.98E-02	3.11E-02	1.03E-05	3.11E-05	1.80E-05	1.80E-05	1.63E-05	7.46E-06	7.80E-06	3.44E-07	8.30E-06	1.83E-06	2.45E-06	3.88E-06	6.84E-07	4.09E-06	2.16E-05
5478	489296.43	3858954.74	2.55E-02	2.56E-02	2.67E-02	8.84E-06	2.67E-05	1.55E-05	1.55E-05	1.40E-05	6.41E-06	6.69E-06	2.95E-07	7.13E-06	1.57E-06	2.10E-06	3.34E-06	5.88E-07	3.51E-06	1.85E-05
5479	489410.33	3859033.19	2.51E-02	2.52E-02	2.63E-02	8.70E-06	2.63E-05	1.52E-05	1.52E-05	1.38E-05	6.30E-06	6.58E-06	2.90E-07	7.02E-06	1.55E-06	2.07E-06	3.28E-06	5.79E-07	3.45E-06	1.82E-05
5480	489371.37	3859089.8	2.70E-02	2.70E-02	2.83E-02	9.35E-06	2.82E-05	1.63E-05	1.64E-05	1.48E-05	6.77E-06	7.08E-06	3.12E-07	7.54E-06	1.66E-06	2.22E-06	3.53E-06	6.22E-07	3.72E-06	1.96E-05
5481	489390.52	3859102.82	2.68E-02	2.68E-02	2.80E-02	9.27E-06	2.80E-05	1.62E-05	1.62E-05	1.47E-05	6.72E-06	7.02E-06	3.10E-07	7.48E-06	1.65E-06	2.21E-06	3.50E-06	6.17E-07	3.68E-06	1.94E-05
5482	489382.3	3859114.53	2.71E-02	2.71E-02	2.84E-02	9.39E-06	2.83E-05	1.64E-05	1.64E-05	1.49E-05	6.80E-06	7.11E-06	3.14E-07	7.57E-06	1.67E-06	2.23E-06	3.54E-06	6.24E-07	3.73E-06	1.97E-05
5483	489363.04	3859102.45	2.74E-02	2.74E-02	2.86E-02	9.48E-06	2.86E-05	1.66E-05	1.66E-05	1.51E-05	6.87E-06	7.18E-06	3.17E-07	7.65E-06	1.69E-06	2.25E-06	3.58E-06	6.30E-07	3.77E-06	1.99E-05
5484	489337.52	3859140.71	2.86E-02	2.86E-02	2.99E-02	9.90E-06	2.99E-05	1.73E-05	1.73E-05	1.57E-05	7.17E-06	7.50E-06	3.31E-07	7.99E-06	1.76E-06	2.35E-06	3.74E-06	6.58E-07	3.94E-06	2.08E-05
5485	489375.14	3859164.55	2.79E-02	2.80E-02	2.92E-02	9.67E-06	2.92E-05	1.69E-05	1.69E-05	1.54E-05	7.00E-06	7.32E-06	3.23E-07	7.80E-06	1.72E-06	2.30E-06	3.65E-06	6.43E-07	3.84E-06	2.03E-05
5486	489409.3	3859114.5	2.65E-02	2.66E-02	2.78E-02	9.19E-06	2.77E-05	1.61E-05	1.61E-05	1.46E-05	6.66E-06	6.95E-06	3.07E-07	7.41E-06	1.64E-06	2.18E-06	3.47E-06	6.11E-07	3.65E-06	1.93E-05
5487	489434.87	3859131.81	2.61E-02	2.62E-02	2.74E-02	9.06E-06	2.74E-05	1.58E-05	1.59E-05	1.44E-05	6.56E-06	6.86E-06	3.03E-07	7.31E-06	1.61E-06	2.15E-06	3.42E-06	6.02E-07	3.60E-06	1.90E-05
5488	489471.87	3859075.75	2.46E-02	2.47E-02	2.57E-02	8.53E-06	2.57E-05	1.49E-05	1.49E-05	1.35E-05	6.18E-06	6.45E-06	2.85E-07	6.88E-06	1.52E-06	2.03E-06	3.22E-06	5.67E-07	3.39E-06	1.79E-05
5489	489602.62	3859164.69	2.32E-02	2.33E-02	2.43E-02	8.05E-06	2.43E-05	1.41E-05	1.41E-05	1.28E-05	5.83E-06	6.09E-06	2.69E-07	6.49E-06	1.43E-06	1.92E-06	3.04E-06	5.35E-07	3.20E-06	1.69E-05
5490	489558.29	3859232.45	2.44E-02	2.44E-02	2.55E-02	8.45E-06	2.55E-05	1.48E-05	1.48E-05	1.34E-05	6.13E-06	6.40E-06	2.82E-07	6.82E-06	1.50E-06	2.01E-06	3.19E-06	5.62E-07	3.36E-06	1.77E-05
5491	489620.11	3859273.56	2.35E-02	2.35E-02	2.46E-02	8.13E-06	2.46E-05	1.42E-05	1.42E-05	1.29E-05	5.89E-06	6.15E-06	2.72E-07	6.56E-06	1.45E-06	1.93E-06	3.07E-06	5.41E-07	3.23E-06	1.71E-05
5492	489666.06	3859206.42	2.25E-02	2.25E-02	2.35E-02	7.80E-06	2.35E-05	1.36E-05	1.37E-05	1.24E-05	5.65E-06	5.90E-06	2.60E-07	6.29E-06	1.39E-06	1.85E-06	2.94E-06	5.18E-07	3.09E-06	1.63E-05
5493	489787.9	3859285.65	2.10E-02	2.10E-02	2.19E-02	7.27E-06	2.20E-05	1.27E-05	1.27E-05	1.15E-05	5.27E-06	5.50E-06	2.43E-07	5.86E-06	1.29E-06	1.73E-06	2.74E-06	4.84E-07	2.89E-06	1.52E-05
5494	489752.17	3859343.13	2.15E-02	2.15E-02	2.25E-02	7.44E-06	2.25E-05	1.30E-05	1.30E-05	1.18E-05	5.39E-06	5.63E-06	2.49E-07	6.00E-06	1.32E-06	1.77E-06	2.81E-06	4.95E-07	2.96E-06	1.56E-05
5495	489814.94	3859385.33	2.06E-02	2.07E-02	2.16E-02	7.14E-06	2.16E-05	1.25E-05	1.25E-05	1.13E-05	5.17E-06	5.40E-06	2.38E-07	5.76E-06	1.27E-06	1.70E-06	2.69E-06	4.75E-07	2.83E-06	1.50E-05
5496	489853.42	3859330.74	2.02E-02	2.02E-02	2.11E-02	7.00E-06	2.11E-05	1.22E-05	1.23E-05	1.11E-05	5.07E-06	5.29E-06	2.34E-07	5.64E-06	1.25E-06	1.66E-06	2.64E-06	4.65E-07	2.78E-06	1.47E-05
5497	489969.5	3859401.91	1.89E-02	1.89E-02	1.97E-02	6.54E-06	1.97E-05	1.14E-05	1.15E-05	1.04E-05	4.74E-06	4.94E-06	2.18E-07	5.27E-06	1.16E-06	1.56E-06	2.47E-06	4.35E-07	2.59E-06	1.37E-05
5498	490166.91	3859486.96	1.71E-02	1.71E-02	1.79E-02	5.92E-06	1.79E-05	1.03E-05	1.04E-05	9.40E-06	4.29E-06	4.47E-06	1.98E-07	4.77E-06	1.05E-06	1.41E-06	2.23E-06	3.94E-07	2.35E-06	1.24E-05
5499	490128.86	3859571.46	1.73E-02	1.74E-02	1.81E-02	6.00E-06	1.81E-05	1.05E-05	1.05E-05	9.53E-06	4.35E-06	4.54E-06	2.00E-07	4.84E-06	1.07E-06	1.43E-06	2.27E-06	3.99E-07	2.38E-06	1.26E-05
5500	490186.65	3859593.65	1.69E-02	1.69E-02	1.76E-02	5.84E-06	1.76E-05	1.02E-05	1.02E-05	9.28E-06	4.23E-06	4.42E-06	1.95E-07	4.71E-06	1.04E-06	1.39E-06	2.20E-06	3.88E-07	2.32E-06	1.22E-05
5501	490223.74	3859517.48	1.66E-02	1.67E-02	1.74E-02	5.76E-06	1.74E-05	1.01E-05	1.01E-05	9.15E-06	4.17E-06	4.35E-06	1.92E-07	4.64E-06	1.02E-06	1.37E-06	2.17E-06	3.83E-07	2.28E-06	1.21E-05
5502	490846.34	3859817.22	1.25E-02	1.26E-02	1.31E-02	4.35E-06	1.31E-05	7.60E-06	7.62E-06	6.91E-06	3.15E-06	3.28E-06	1.45E-07	3.51E-06	7.74E-07	1.03E-06	1.64E-06	2.89E-07	1.72E-06	9.12E-06
5503	490925.65	3859844.59	1.21E-02	1.21E-02	1.26E-02	4.19E-06	1.27E-05	7.33E-06	7.35E-06	6.67E-06	3.04E-06	3.16E-06	1.40E-07	3.38E-06	7.46E-07	9.98E-07	1.58E-06	2.79E-07	1.66E-06	8.79E-06
5504	491159.29	3859896.28	1.12E-02	1.12E-02	1.16E-02	3.87E-06	1.17E-05	6.76E-06	6.78E-06	6.14E-06	2.80E-06	2.92E-06	1.29E-07	3.12E-06	6.88E-07	9.20E-07	1.46E-06	2.57E-07	1.53E-06	8.10E-06
5505	491370.69	3859960.89	1.03E-02	1.04E-02	1.08E-02	3.58E-06	1.08E-05	6.26E-06	6.28E-06	5.69E-06	2.60E-06	2.70E-06	1.20E-07	2.89E-06	6.37E-07	8.52E-07	1.35E-06	2.38E-07	1.42E-06	7.50E-06

5506	491330.28	3860063.17	1.02E-02	1.03E-02	1.07E-02	3.55E-06	1.07E-05	6.20E-06	6.22E-06	5.64E-06	2.57E-06	2.67E-06	1.18E-07	2.86E-06	6.31E-07	8.44E-07	1.34E-06	2.36E-07	1.40E-06	7.43E-06
5507	491636.45	3860180.75	8.88E-03	8.91E-03	9.25E-03	3.08E-06	9.29E-06	5.38E-06	5.40E-06	4.89E-06	2.23E-06	2.32E-06	1.03E-07	2.48E-06	5.48E-07	7.33E-07	1.16E-06	2.05E-07	1.22E-06	6.45E-06
5508	491617.94	3860203.93	8.85E-03	8.88E-03	9.23E-03	3.07E-06	9.26E-06	5.36E-06	5.38E-06	4.88E-06	2.23E-06	2.31E-06	1.02E-07	2.47E-06	5.46E-07	7.31E-07	1.16E-06	2.04E-07	1.21E-06	6.43E-06
5509	491805.68	3860271.59	8.12E-03	8.15E-03	8.46E-03	2.82E-06	8.50E-06	4.92E-06	4.94E-06	4.48E-06	2.04E-06	2.12E-06	9.40E-08	2.27E-06	5.01E-07	6.71E-07	1.06E-06	1.87E-07	1.11E-06	5.90E-06
5510	491654.23	3860414.02	7.96E-03	7.98E-03	8.29E-03	2.76E-06	8.32E-06	4.82E-06	4.84E-06	4.38E-06	2.00E-06	2.08E-06	9.21E-08	2.22E-06	4.91E-07	6.57E-07	1.04E-06	1.84E-07	1.09E-06	5.78E-06
5511	491592.62	3860510.76	7.65E-03	7.68E-03	7.98E-03	2.65E-06	8.01E-06	4.64E-06	4.65E-06	4.22E-06	1.92E-06	2.00E-06	8.86E-08	2.14E-06	4.72E-07	6.32E-07	1.00E-06	1.77E-07	1.05E-06	5.56E-06
5512	491475.41	3860368.93	8.55E-03	8.58E-03	8.92E-03	2.96E-06	8.95E-06	5.18E-06	5.20E-06	4.71E-06	2.15E-06	2.24E-06	9.90E-08	2.39E-06	5.28E-07	7.06E-07	1.12E-06	1.97E-07	1.17E-06	6.21E-06
5513	491445.61	3860337.28	8.77E-03	8.80E-03	9.15E-03	3.04E-06	9.18E-06	5.32E-06	5.33E-06	4.83E-06	2.21E-06	2.29E-06	1.02E-07	2.45E-06	5.41E-07	7.24E-07	1.15E-06	2.02E-07	1.20E-06	6.37E-06
5514	491399.05	3860300.37	9.08E-03	9.11E-03	9.48E-03	3.15E-06	9.51E-06	5.50E-06	5.52E-06	5.00E-06	2.28E-06	2.38E-06	1.05E-07	2.54E-06	5.60E-07	7.50E-07	1.19E-06	2.10E-07	1.25E-06	6.60E-06
5515	491228.84	3860235.98	9.93E-03	9.96E-03	1.04E-02	3.44E-06	1.04E-05	6.02E-06	6.03E-06	5.47E-06	2.50E-06	2.60E-06	1.15E-07	2.78E-06	6.13E-07	8.19E-07	1.30E-06	2.29E-07	1.36E-06	7.21E-06
5516	491228.47	3860174.57	1.02E-02	1.02E-02	1.07E-02	3.54E-06	1.07E-05	6.18E-06	6.20E-06	5.62E-06	2.56E-06	2.67E-06	1.18E-07	2.85E-06	6.29E-07	8.42E-07	1.34E-06	2.35E-07	1.40E-06	7.41E-06
5517	491145.77	3860112.55	1.08E-02	1.08E-02	1.12E-02	3.73E-06	1.13E-05	6.52E-06	6.54E-06	5.93E-06	2.71E-06	2.82E-06	1.25E-07	3.01E-06	6.64E-07	8.89E-07	1.41E-06	2.48E-07	1.48E-06	7.83E-06
5518	490844.41	3859966.22	1.25E-02	1.25E-02	1.31E-02	4.34E-06	1.31E-05	7.58E-06	7.60E-06	6.89E-06	3.14E-06	3.28E-06	1.45E-07	3.50E-06	7.72E-07	1.03E-06	1.64E-06	2.88E-07	1.72E-06	9.09E-06
5519	490845.55	3859928.15	1.26E-02	1.26E-02	1.31E-02	4.35E-06	1.31E-05	7.61E-06	7.63E-06	6.92E-06	3.16E-06	3.29E-06	1.45E-07	3.51E-06	7.75E-07	1.04E-06	1.64E-06	2.90E-07	1.73E-06	9.13E-06
5520	490046.91	3859625.6	1.79E-02	1.79E-02	1.87E-02	6.20E-06	1.87E-05	1.08E-05	1.09E-05	9.85E-06	4.49E-06	4.69E-06	2.07E-07	5.00E-06	1.10E-06	1.47E-06	2.34E-06	4.12E-07	2.46E-06	1.30E-05
5521	489970.48	3859589.4	1.86E-02	1.86E-02	1.94E-02	6.44E-06	1.94E-05	1.13E-05	1.13E-05	1.02E-05	4.66E-06	4.87E-06	2.15E-07	5.19E-06	1.15E-06	1.53E-06	2.43E-06	4.28E-07	2.56E-06	1.35E-05
5522	489865.89	3859529.06	1.97E-02	1.97E-02	2.06E-02	6.82E-06	2.06E-05	1.19E-05	1.19E-05	1.08E-05	4.94E-06	5.16E-06	2.28E-07	5.50E-06	1.21E-06	1.62E-06	2.57E-06	4.53E-07	2.71E-06	1.43E-05
5523	489826.89	3859531.74	2.01E-02	2.01E-02	2.10E-02	6.95E-06	2.10E-05	1.21E-05	1.22E-05	1.10E-05	5.04E-06	5.26E-06	2.32E-07	5.61E-06	1.24E-06	1.65E-06	2.62E-06	4.62E-07	2.76E-06	1.46E-05
5524	489410.47	3859303.06	2.77E-02	2.78E-02	2.91E-02	9.61E-06	2.90E-05	1.68E-05	1.68E-05	1.53E-05	6.96E-06	7.28E-06	3.21E-07	7.75E-06	1.71E-06	2.29E-06	3.63E-06	6.39E-07	3.82E-06	2.02E-05
5525	489407.15	3859286.09	2.78E-02	2.79E-02	2.91E-02	9.64E-06	2.91E-05	1.68E-05	1.69E-05	1.53E-05	6.98E-06	7.30E-06	3.22E-07	7.78E-06	1.72E-06	2.29E-06	3.64E-06	6.41E-07	3.83E-06	2.02E-05
5526	488806.07	3858963.62	4.74E-02	4.74E-02	4.98E-02	1.64E-05	4.96E-05	2.87E-05	2.87E-05	2.60E-05	1.19E-05	1.25E-05	5.48E-07	1.32E-05	2.92E-06	3.90E-06	6.19E-06	1.09E-06	6.54E-06	3.44E-05
5527	488817.64	3859546.3	5.54E-02	5.54E-02	5.82E-02	1.92E-05	5.79E-05	3.35E-05	3.36E-05	3.04E-05	1.39E-05	1.46E-05	6.41E-07	1.55E-05	3.42E-06	4.56E-06	7.23E-06	1.27E-06	7.66E-06	4.03E-05
5528	489187.25	3859549.52	3.08E-02	3.09E-02	3.23E-02	1.07E-05	3.22E-05	1.87E-05	1.87E-05	1.69E-05	7.73E-06	8.10E-06	3.57E-07	8.61E-06	1.90E-06	2.54E-06	4.03E-06	7.10E-07	4.25E-06	2.24E-05
5529	489187.66	3859523.74	3.15E-02	3.16E-02	3.31E-02	1.09E-05	3.30E-05	1.91E-05	1.91E-05	1.73E-05	7.91E-06	8.28E-06	3.65E-07	8.81E-06	1.94E-06	2.59E-06	4.12E-06	7.25E-07	4.35E-06	2.29E-05
5530	489232.59	3859522.85	3.01E-02	3.02E-02	3.16E-02	1.04E-05	3.15E-05	1.83E-05	1.83E-05	1.66E-05	7.56E-06	7.92E-06	3.49E-07	8.42E-06	1.86E-06	2.48E-06	3.94E-06	6.94E-07	4.16E-06	2.19E-05
5531	489224.98	3859759.91	2.64E-02	2.64E-02	2.77E-02	9.15E-06	2.76E-05	1.60E-05	1.60E-05	1.45E-05	6.62E-06	6.94E-06	3.06E-07	7.38E-06	1.63E-06	2.17E-06	3.45E-06	6.08E-07	3.64E-06	1.92E-05
5532	488401.39	3859763.34	7.35E-02	7.35E-02	7.73E-02	2.55E-05	7.69E-05	4.45E-05	4.45E-05	4.04E-05	1.84E-05	1.94E-05	8.50E-07	2.05E-05	4.53E-06	6.05E-06	9.59E-06	1.69E-06	1.02E-05	5.34E-05
5533	488405.51	3859966.16	7.39E-02	7.39E-02	7.78E-02	2.56E-05	7.73E-05	4.47E-05	4.48E-05	4.06E-05	1.85E-05	1.95E-05	8.55E-07	2.06E-05	4.56E-06	6.08E-06	9.64E-06	1.70E-06	1.02E-05	5.37E-05
5534	489202.85	3859956.57	2.82E-02	2.82E-02	2.96E-02	9.77E-06	2.95E-05	1.71E-05	1.71E-05	1.55E-05	7.07E-06	7.42E-06	3.26E-07	7.88E-06	1.74E-06	2.32E-06	3.68E-06	6.49E-07	3.89E-06	2.05E-05
5535	489191.9	3860676.74	1.98E-02	1.98E-02	2.08E-02	6.86E-06	2.07E-05	1.20E-05	1.20E-05	1.09E-05	4.97E-06	5.21E-06	2.29E-07	5.54E-06	1.22E-06	1.63E-06	2.59E-06	4.56E-07	2.74E-06	1.44E-05
5536	488392.82	3860687.88	1.92E-02	1.92E-02	2.02E-02	6.65E-06	2.01E-05	1.16E-05	1.16E-05	1.06E-05	4.82E-06	5.06E-06	2.22E-07	5.37E-06	1.18E-06	1.58E-06	2.51E-06	4.42E-07	2.65E-06	1.40E-05
5537	488392.82	3860760.27	1.42E-02	1.42E-02	1.49E-02	4.92E-06	1.49E-05	8.60E-06	8.62E-06	7.81E-06	3.56E-06	3.73E-06	1.64E-07	3.97E-06	8.76E-07	1.17E-06	1.86E-06	3.27E-07	1.96E-06	1.03E-05
5538	487549.05	3860777.45	8.07E-03	8.10E-03	8.44E-03	2.80E-06	8.45E-06	4.89E-06	4.90E-06	4.45E-06	2.03E-06	2.11E-06	9.34E-08	2.26E-06	4.98E-07	6.66E-07	1.06E-06	1.86E-07	1.11E-06	5.87E-06
5539	487554.62	3859571.83	3.22E-02	3.22E-02	3.38E-02	1.11E-05	3.37E-05	1.95E-05	1.95E-05	1.77E-05	8.07E-06	8.47E-06	3.72E-07	8.99E-06	1.98E-06	2.65E-06	4.20E-06	7.40E-07	4.45E-06	2.34E-05
5540	485949.46	3859558.54	7.69E-03	7.73E-03	7.98E-03	2.67E-06	8.05E-06	4.66E-06	4.68E-06	4.25E-06	1.94E-06	2.00E-06	8.90E-08	2.15E-06	4.75E-07	6.36E-07	1.01E-06	1.78E-07	1.05E-06	5.59E-06
5541	485947.55	3857943.61	1.77E-02	1.78E-02	1.82E-02	6.12E-06	1.85E-05	1.07E-05	1.08E-05	9.76E-06	4.45E-06	4.56E-06	2.04E-07	4.93E-06	1.09E-06	1.46E-06	2.32E-06	4.09E-07	2.39E-06	1.28E-05
5542	484738.38	3857940.21	8.35E-03	8.44E-03	8.47E-03	2.89E-06	8.74E-06	5.06E-06	5.11E-06	4.64E-06	2.12E-06	2.12E-06	9.66E-08	2.33E-06	5.15E-07	6.94E-07	1.10E-06	1.94E-07	1.11E-06	6.05E-06
5543	484737.06	3857535.68	1.50E-02	1.51E-02	1.54E-02	5.19E-06	1.57E-05	9.08E-06	9.15E-06	8.29E-06	3.78E-06	3.85E-06	1.73E-07	4.19E-06	9.24E-07	1.24E-06	1.97E-06	3.47E-07	2.02E-06	1.09E-05
5544	483730.2	3857530.13	8.03E-03	8.12E-03	8.17E-03	2.78E-06	8.40E-06	4.87E-06	4.92E-06	4.46E-06	2.03E-06	2.05E-06	9.30E-08	2.25E-06	4.95E-07	6.68E-07	1.06E-06	1.87E-07	1.07E-06	5.82E-06
5545	483727.27	3857130.01	1.48E-02	1.49E-02	1.52E-02	5.12E-06	1.54E-05	8.94E-06	9.00E-06	8.16E-06	3.72E-06	3.81E-06	1.71E-07	4.13E-06	9.10E-07	1.22E-06	1.94E-06	3.42E-07	2.00E-06	1.07E-05
5546	483124.42	3857123.45	7.52E-03	7.60E-03	7.66E-03	2.61E-06	7.87E-06	4.56E-06	4.60E-06	4.17E-06	1.90E-06	1.92E-06	8.70E-08	2.10E-06	4.64E-07	6.25E-07	9.91E-07	1.75E-07	1.01E-06	5.45E-06
5547	483111.13	3855921.03	1.54E-02	1.55E-02	1.59E-02	5.35E-06	1.62E-05	9.35E-06	9.42E-06	8.54E-06	3.89E-06	3.99E-06	1.79E-07	4.32E-06	9.52E-07	1.28E-06	2.03E-06	3.57E-07	2.09E-06	1.12E-05
5548	482701.73	3855918.24	8.05E-03	8.13E-03	8.20E-03	2.79E-06	8.42E-06	4.87E-06	4.92E-06	4.46E-06	2.04E-06	2.05E-06	9.31E-08	2.25E-06	4.96E-07	6.68E-07	1.06E-06	1.87E-07	1.08E-06	5.83E-06
5549	482668.02	3853521.78	1.05E-03	1.08E-03	1.00E-03	3.66E-07	1.10E-06	6.39E-07	6.57E-07	5.96E-07	2.72E-07	2.51E-07	1.22E-08	2.95E-07	6.51E-08	8.92E-08	1.42E-07	2.49E-08	1.32E-07	7.60E-07
5550	482579.91	3853219.19	9.26E-04	9.54E-04	8.72E-04	3.21E-07	9.69E-07	5.61E-07	5.78E-07	5.24E-07	2.39E-07	2.18E-07	1.07E-08	2.59E-07	5.71E-08	7.85E-08	1.25E-07	2.19E-08	1.15E-07	6.66E-07
5551	482434.06	3852961.94	8.29E-04	8.56E-04	7.74E-04	2.87E-07	8.67E-07	5.02E-07	5.19E-07	4.70E-07	2.15E-07	1.94E-07	9.59E-09	2.32E-07	5.11E-08	7.04E-08	1.12E-07	1.97E-08	1.02E-07	5.96E-07
5552	482332.11	3852832.85	7.85E-04	8.11E-04	7.33E-04	2.72E-07	8.21E-07	4.76E-07	4.92E-07	4.46E-07	2.03E-07	1.84E-07	9.08E-09	2.19E-07	4.84E-08	6.67E-08	1.06E-07	1.87E-08	9.63E-08	5.65E-07
5553	481334.99	3851818.96	5.67E-04	5.84E-04	5.34E-04	1.96E-07	5.93E-07	3.43E-07	3.54E-07	3.21E-07	1.46E-07	1.34E-07	6.56E-09	1.58E-07	3.50E-08	4.81E-08	7.62E-08	1.34E-08	7.03E-08	4.08E-07
5554	481127.62	3851646.36	5.44E-04	5.60E-04	5.15E-04	1.89E-07	5.69E-07	3.30E-07	3.39E-07	3.08E-07	1.40E-07	1.29E-07	6.30E-09	1.52E-07	3.36E-08	4.61E-08	7.31E-08	1.29E-08	6.77E-08	3.92E-07
5555	481025.04	3851591.73	5.35E-04	5.51E-04	5.09E-04	1.86E-07	5.60E-07	3.24E-07	3.34E-07	3.03E-07	1.38E-07	1.27E-07	6.20E-09	1.50E-07	3.30E-08	4.53E-08	7.19E-08	1.27E-08	6.69E-08	3.86E-07
5556	480513.6	3851335.76	4.87E-04	5.00E-04	4.70E-04	1.69E-07	5.10E-07	2.95E-07	3.03E-07	2.74E-07	1.25E-07	1.18E-07	5.64E-09	1.36E-07	3.01E-08	4.11E-08	6.52E-08	1.15E-08	6.18E-08	3.51E-07
5557	480523.56	3851317.66	4.85E-04	4.98E-04	4.67E-04	1.68E-07	5.08E-07	2.94E-07	3.01E-07	2.73E-07	1.25E-07	1.17E-07	5.62E-09	1.36E-07	2.99E-08	4.09E-08	6.49E-08	1.14E-08	6.14E-08	3.50E-07
5558	476921.56	3849569.11	2.86E-04	2.92E-04	2.79E-04	9.92E-08	2.99E-07	1.73E-07	1.77E-07	1.61E-07	7.32E-08	7.00E-08	3.31E-09	8.00E-08	1.77E-08	2.40E-08	3.81E-08	6.72E-09	3.67E-08	2.07E-07

5559	476521.19	3849373.96	2.52E-04	2.57E-04	2.44E-04	8.72E-08	2.63E-07	1.52E-07	1.56E-07	1.41E-07	6.45E-08	6.11E-08	2.91E-09	7.03E-08	1.55E-08	2.12E-08	3.36E-08	5.92E-09	3.21E-08	1.82E-07
5560	476391.45	3849333.38	2.44E-04	2.49E-04	2.36E-04	8.45E-08	2.55E-07	1.48E-07	1.51E-07	1.37E-07	6.25E-08	5.91E-08	2.82E-09	6.81E-08	1.50E-08	2.05E-08	3.25E-08	5.74E-09	3.10E-08	1.76E-07
5561	476219.41	3849304.29	2.33E-04	2.39E-04	2.25E-04	8.08E-08	2.44E-07	1.41E-07	1.45E-07	1.31E-07	5.99E-08	5.63E-08	2.70E-09	6.52E-08	1.44E-08	1.97E-08	3.12E-08	5.50E-09	2.96E-08	1.68E-07
5562	475679.11	3849218.47	2.06E-04	2.11E-04	1.96E-04	7.13E-08	2.15E-07	1.25E-07	1.28E-07	1.16E-07	5.29E-08	4.92E-08	2.38E-09	5.75E-08	1.27E-08	1.74E-08	2.76E-08	4.86E-09	2.58E-08	1.48E-07
5563	475677.71	3849233.88	2.07E-04	2.12E-04	1.97E-04	7.17E-08	2.16E-07	1.25E-07	1.29E-07	1.17E-07	5.32E-08	4.94E-08	2.39E-09	5.78E-08	1.28E-08	1.75E-08	2.77E-08	4.88E-09	2.59E-08	1.49E-07
5564	475492.74	3849204.66	1.78E-04	1.83E-04	1.68E-04	6.18E-08	1.86E-07	1.08E-07	1.11E-07	1.01E-07	4.60E-08	4.22E-08	2.06E-09	4.98E-08	1.10E-08	1.51E-08	2.39E-08	4.22E-09	2.22E-08	1.28E-07
5565	475497.64	3849158.75	1.86E-04	1.91E-04	1.76E-04	6.43E-08	1.94E-07	1.12E-07	1.16E-07	1.05E-07	4.78E-08	4.41E-08	2.15E-09	5.19E-08	1.14E-08	1.57E-08	2.49E-08	4.39E-09	2.31E-08	1.34E-07
5566	475391.35	3849141.94	1.93E-04	1.99E-04	1.84E-04	6.70E-08	2.02E-07	1.17E-07	1.20E-07	1.09E-07	4.98E-08	4.61E-08	2.24E-09	5.41E-08	1.19E-08	1.64E-08	2.59E-08	4.57E-09	2.42E-08	1.39E-07
5567	475277	3849095.47	1.94E-04	2.00E-04	1.85E-04	6.73E-08	2.03E-07	1.18E-07	1.21E-07	1.10E-07	5.00E-08	4.63E-08	2.25E-09	5.43E-08	1.20E-08	1.64E-08	2.61E-08	4.59E-09	2.43E-08	1.40E-07
5568	475183.93	3849025.66	1.91E-04	1.96E-04	1.82E-04	6.63E-08	2.00E-07	1.16E-07	1.19E-07	1.08E-07	4.92E-08	4.56E-08	2.21E-09	5.34E-08	1.18E-08	1.62E-08	2.56E-08	4.52E-09	2.39E-08	1.38E-07
5569	474453.23	3848378.77	1.70E-04	1.74E-04	1.62E-04	5.88E-08	1.77E-07	1.03E-07	1.05E-07	9.56E-08	4.36E-08	4.05E-08	1.96E-09	4.74E-08	1.05E-08	1.43E-08	2.27E-08	4.00E-09	2.13E-08	1.22E-07
5570	474569.63	3848399.34	1.67E-04	1.72E-04	1.60E-04	5.80E-08	1.75E-07	1.01E-07	1.04E-07	9.44E-08	4.31E-08	4.00E-08	1.94E-09	4.68E-08	1.03E-08	1.41E-08	2.24E-08	3.95E-09	2.10E-08	1.21E-07
5571	474644.33	3848464.52	1.70E-04	1.75E-04	1.62E-04	5.90E-08	1.78E-07	1.03E-07	1.06E-07	9.60E-08	4.38E-08	4.06E-08	1.97E-09	4.76E-08	1.05E-08	1.44E-08	2.28E-08	4.02E-09	2.13E-08	1.23E-07
5572	474719.04	3848529.7	1.72E-04	1.77E-04	1.64E-04	5.97E-08	1.80E-07	1.04E-07	1.07E-07	9.71E-08	4.43E-08	4.11E-08	1.99E-09	4.81E-08	1.06E-08	1.45E-08	2.31E-08	4.07E-09	2.16E-08	1.24E-07
5573	474793.74	3848594.88	1.73E-04	1.78E-04	1.65E-04	5.99E-08	1.81E-07	1.05E-07	1.08E-07	9.75E-08	4.45E-08	4.12E-08	2.00E-09	4.83E-08	1.07E-08	1.46E-08	2.32E-08	4.08E-09	2.16E-08	1.24E-07
5574	474868.45	3848660.07	1.72E-04	1.77E-04	1.64E-04	5.96E-08	1.80E-07	1.04E-07	1.07E-07	9.71E-08	4.43E-08	4.10E-08	1.99E-09	4.81E-08	1.06E-08	1.45E-08	2.31E-08	4.06E-09	2.15E-08	1.24E-07
5575	474943.15	3848725.25	1.73E-04	1.78E-04	1.64E-04	5.99E-08	1.81E-07	1.05E-07	1.08E-07	9.75E-08	4.45E-08	4.11E-08	2.00E-09	4.83E-08	1.07E-08	1.46E-08	2.32E-08	4.08E-09	2.16E-08	1.24E-07
5576	475017.86	3848790.43	1.76E-04	1.81E-04	1.67E-04	6.10E-08	1.84E-07	1.07E-07	1.10E-07	9.94E-08	4.54E-08	4.19E-08	2.04E-09	4.92E-08	1.09E-08	1.49E-08	2.36E-08	4.16E-09	2.20E-08	1.27E-07
5577	475092.56	3848855.61	1.80E-04	1.85E-04	1.71E-04	6.24E-08	1.89E-07	1.09E-07	1.12E-07	1.02E-07	4.64E-08	4.29E-08	2.08E-09	5.04E-08	1.11E-08	1.52E-08	2.42E-08	4.26E-09	2.25E-08	1.30E-07
5578	475232.58	3848959.38	1.85E-04	1.91E-04	1.76E-04	6.43E-08	1.94E-07	1.12E-07	1.15E-07	1.05E-07	4.78E-08	4.42E-08	2.15E-09	5.18E-08	1.14E-08	1.57E-08	2.49E-08	4.38E-09	2.32E-08	1.34E-07
5579	475368.47	3849029.98	1.87E-04	1.92E-04	1.78E-04	6.48E-08	1.96E-07	1.13E-07	1.16E-07	1.05E-07	4.81E-08	4.45E-08	2.16E-09	5.22E-08	1.15E-08	1.58E-08	2.51E-08	4.42E-09	2.34E-08	1.35E-07
5580	475609.57	3849096.09	1.88E-04	1.93E-04	1.79E-04	6.51E-08	1.97E-07	1.14E-07	1.17E-07	1.06E-07	4.84E-08	4.47E-08	2.17E-09	5.25E-08	1.16E-08	1.59E-08	2.52E-08	4.44E-09	2.35E-08	1.35E-07
5581	475680.68	3849116.62	1.95E-04	2.00E-04	1.85E-04	6.74E-08	2.04E-07	1.18E-07	1.21E-07	1.10E-07	5.01E-08	4.64E-08	2.25E-09	5.44E-08	1.20E-08	1.64E-08	2.61E-08	4.60E-09	2.44E-08	1.40E-07
5582	475843.76	3849151.52	2.04E-04	2.10E-04	1.95E-04	7.07E-08	2.14E-07	1.24E-07	1.27E-07	1.15E-07	5.25E-08	4.89E-08	2.36E-09	5.71E-08	1.26E-08	1.72E-08	2.73E-08	4.82E-09	2.56E-08	1.47E-07
5583	475935.73	3849165.89	2.14E-04	2.19E-04	2.05E-04	7.40E-08	2.23E-07	1.29E-07	1.33E-07	1.20E-07	5.49E-08	5.13E-08	2.47E-09	5.97E-08	1.32E-08	1.80E-08	2.86E-08	5.04E-09	2.69E-08	1.54E-07
5584	476027.71	3849180.27	2.22E-04	2.28E-04	2.14E-04	7.70E-08	2.33E-07	1.35E-07	1.38E-07	1.25E-07	5.71E-08	5.36E-08	2.57E-09	6.21E-08	1.37E-08	1.87E-08	2.97E-08	5.24E-09	2.81E-08	1.60E-07
5585	476119.68	3849194.64	2.21E-04	2.27E-04	2.13E-04	7.67E-08	2.32E-07	1.34E-07	1.37E-07	1.25E-07	5.68E-08	5.33E-08	2.56E-09	6.19E-08	1.37E-08	1.87E-08	2.96E-08	5.22E-09	2.80E-08	1.60E-07
5586	476211.65	3849209.01	2.25E-04	2.31E-04	2.17E-04	7.80E-08	2.36E-07	1.36E-07	1.40E-07	1.27E-07	5.78E-08	5.43E-08	2.61E-09	6.29E-08	1.39E-08	1.90E-08	3.01E-08	5.30E-09	2.85E-08	1.62E-07
5587	476497.81	3849283.9	2.44E-04	2.49E-04	2.36E-04	8.45E-08	2.55E-07	1.48E-07	1.51E-07	1.37E-07	6.25E-08	5.92E-08	2.82E-09	6.82E-08	1.50E-08	2.05E-08	3.26E-08	5.74E-09	3.11E-08	1.76E-07
5588	476603.73	3849323.77	2.53E-04	2.59E-04	2.46E-04	8.78E-08	2.65E-07	1.53E-07	1.57E-07	1.42E-07	6.49E-08	6.16E-08	2.93E-09	7.08E-08	1.56E-08	2.13E-08	3.38E-08	5.96E-09	3.24E-08	1.83E-07
5589	476728.99	3849382.76	2.63E-04	2.69E-04	2.56E-04	9.13E-08	2.76E-07	1.60E-07	1.63E-07	1.48E-07	6.75E-08	6.43E-08	3.05E-09	7.37E-08	1.63E-08	2.21E-08	3.51E-08	6.19E-09	3.37E-08	1.90E-07
5590	476801.27	3849418.65	2.70E-04	2.76E-04	2.63E-04	9.35E-08	2.82E-07	1.63E-07	1.67E-07	1.51E-07	6.91E-08	6.59E-08	3.12E-09	7.54E-08	1.66E-08	2.27E-08	3.60E-08	6.34E-09	3.46E-08	1.95E-07
5591	476956.2	3849495.05	2.84E-04	2.90E-04	2.78E-04	9.84E-08	2.97E-07	1.72E-07	1.76E-07	1.59E-07	7.26E-08	6.95E-08	3.29E-09	7.94E-08	1.75E-08	2.38E-08	3.78E-08	6.67E-09	3.65E-08	2.05E-07
5592	477038.84	3849535.56	2.88E-04	2.94E-04	2.82E-04	9.99E-08	3.02E-07	1.75E-07	1.78E-07	1.62E-07	7.37E-08	7.06E-08	3.34E-09	8.06E-08	1.78E-08	2.42E-08	3.84E-08	6.77E-09	3.71E-08	2.08E-07
5593	477121.49	3849576.08	2.95E-04	3.01E-04	2.89E-04	1.02E-07	3.09E-07	1.79E-07	1.83E-07	1.65E-07	7.55E-08	7.24E-08	3.42E-09	8.25E-08	1.82E-08	2.48E-08	3.93E-08	6.93E-09	3.80E-08	2.13E-07
5594	477204.13	3849616.6	2.99E-04	3.05E-04	2.93E-04	1.04E-07	3.13E-07	1.81E-07	1.85E-07	1.68E-07	7.65E-08	7.34E-08	3.46E-09	8.37E-08	1.85E-08	2.51E-08	3.98E-08	7.02E-09	3.85E-08	2.16E-07
5595	477286.78	3849657.12	2.96E-04	3.02E-04	2.89E-04	1.02E-07	3.09E-07	1.79E-07	1.83E-07	1.66E-07	7.56E-08	7.25E-08	3.42E-09	8.26E-08	1.82E-08	2.48E-08	3.94E-08	6.94E-09	3.80E-08	2.13E-07
5596	477369.42	3849697.63	3.12E-04	3.18E-04	3.06E-04	1.08E-07	3.26E-07	1.89E-07	1.93E-07	1.75E-07	7.97E-08	7.67E-08	3.61E-09	8.72E-08	1.92E-08	2.62E-08	4.15E-08	7.31E-09	4.02E-08	2.25E-07
5597	477452.07	3849738.15	3.16E-04	3.23E-04	3.11E-04	1.10E-07	3.31E-07	1.92E-07	1.95E-07	1.77E-07	8.08E-08	7.78E-08	3.66E-09	8.85E-08	1.95E-08	2.65E-08	4.21E-08	7.42E-09	4.08E-08	2.29E-07
5598	477534.71	3849778.67	3.29E-04	3.35E-04	3.24E-04	1.14E-07	3.44E-07	1.99E-07	2.03E-07	1.84E-07	8.40E-08	8.11E-08	3.81E-09	9.19E-08	2.03E-08	2.76E-08	4.37E-08	7.71E-09	4.25E-08	2.38E-07
5599	477617.36	3849819.18	3.33E-04	3.40E-04	3.28E-04	1.15E-07	3.49E-07	2.02E-07	2.06E-07	1.86E-07	8.51E-08	8.22E-08	3.86E-09	9.31E-08	2.06E-08	2.79E-08	4.43E-08	7.81E-09	4.31E-08	2.41E-07
5600	477824.74	3849896.37	3.47E-04	3.54E-04	3.42E-04	1.20E-07	3.63E-07	2.10E-07	2.14E-07	1.94E-07	8.86E-08	8.58E-08	4.02E-09	9.70E-08	2.14E-08	2.91E-08	4.61E-08	8.13E-09	4.50E-08	2.51E-07
5601	477906.31	3849936.37	3.40E-04	3.47E-04	3.35E-04	1.18E-07	3.56E-07	2.06E-07	2.10E-07	1.90E-07	8.69E-08	8.40E-08	3.94E-09	9.52E-08	2.10E-08	2.85E-08	4.53E-08	7.98E-09	4.41E-08	2.46E-07
5602	477987.89	3849976.36	3.48E-04	3.55E-04	3.43E-04	1.21E-07	3.65E-07	2.11E-07	2.15E-07	1.95E-07	8.89E-08	8.60E-08	4.03E-09	9.74E-08	2.15E-08	2.92E-08	4.63E-08	8.16E-09	4.52E-08	2.52E-07
5603	478069.47	3850016.36	3.44E-04	3.51E-04	3.39E-04	1.19E-07	3.60E-07	2.08E-07	2.12E-07	1.93E-07	8.79E-08	8.49E-08	3.98E-09	9.62E-08	2.12E-08	2.88E-08	4.58E-08	8.06E-09	4.46E-08	2.49E-07
5604	478151.04	3850056.35	3.40E-04	3.47E-04	3.35E-04	1.18E-07	3.56E-07	2.06E-07	2.10E-07	1.90E-07	8.69E-08	8.39E-08	3.94E-09	9.51E-08	2.10E-08	2.85E-08	4.52E-08	7.97E-09	4.40E-08	2.46E-07
5605	478232.62	3850096.35	3.44E-04	3.51E-04	3.38E-04	1.19E-07	3.60E-07	2.08E-07	2.12E-07	1.92E-07	8.78E-08	8.48E-08	3.98E-09	9.61E-08	2.12E-08	2.88E-08	4.57E-08	8.06E-09	4.45E-08	2.48E-07
5606	478314.2	3850136.34	3.48E-04	3.55E-04	3.43E-04	1.21E-07	3.64E-07	2.11E-07	2.15E-07	1.95E-07	8.89E-08	8.59E-08	4.03E-09	9.74E-08	2.15E-08	2.92E-08	4.63E-08	8.16E-09	4.51E-08	2.52E-07
5607	478395.77	3850176.34	3.53E-04	3.59E-04	3.47E-04	1.22E-07	3.69E-07	2.14E-07	2.18E-07	1.97E-07	9.01E-08	8.70E-08	4.08E-09	9.86E-08	2.18E-08	2.96E-08	4.69E-08	8.27E-09	4.57E-08	2.55E-07
5608	478575.43	3850244.45	3.60E-04	3.67E-04	3.55E-04	1.25E-07	3.77E-07	2.18E-07	2.22E-07	2.02E-07	9.20E-08	8.89E-08	4.17E-09	1.01E-07	2.22E-08	3.02E-08	4.79E-08	8.44E-09	4.66E-08	2.60E-07
5609	478665.06	3850287.29	3.65E-04	3.72E-04	3.59E-04	1.26E-07	3.82E-07	2.21E-07	2.25E-07	2.04E-07	9.31E-08	9.00E-08	4.22E-09	1.02E-07	2.25E-08	3.06E-08	4.85E-08	8.55E-09	4.72E-08	2.64E-07
5610	478754.69	3850330.14	3.70E-04	3.77E-04	3.64E-04	1.28E-07	3.87E-07	2.24E-07	2.28E-07	2.07E-07	9.44E-08	9.13E-08	4.28E-09	1.03E-07	2.28E-08	3.10E-08	4.92E-08	8.66E-09	4.79E-08	2.67E-07
5611	478844.32	3850372.99	3.76E-04	3.84E-04	3.71E-04	1.30E-07	3.94E-07	2.28E-07	2.32E-07	2.11E-07	9.61E-08	9.29E-08	4.36E-09	1.05E-07	2.32E-08	3.15E-08	5.00E-08	8.82E-09	4.87E-08	2.72E-07

5612	478933.95	3850415.84	3.85E-04	3.92E-04	3.79E-04	1.33E-07	4.03E-07	2.33E-07	2.38E-07	2.15E-07	9.83E-08	9.49E-08	4.46E-09	1.08E-07	2.37E-08	3.23E-08	5.12E-08	9.02E-09	4.98E-08	2.78E-07
5613	479023.58	3850458.68	3.85E-04	3.92E-04	3.78E-04	1.33E-07	4.03E-07	2.33E-07	2.38E-07	2.15E-07	9.83E-08	9.48E-08	4.45E-09	1.08E-07	2.37E-08	3.23E-08	5.12E-08	9.02E-09	4.98E-08	2.78E-07
5614	479110.66	3850441.91	3.86E-04	3.94E-04	3.79E-04	1.34E-07	4.04E-07	2.34E-07	2.39E-07	2.16E-07	9.87E-08	9.50E-08	4.47E-09	1.08E-07	2.38E-08	3.24E-08	5.14E-08	9.05E-09	4.98E-08	2.79E-07
5615	479191.22	3850423.99	3.83E-04	3.91E-04	3.75E-04	1.33E-07	4.01E-07	2.32E-07	2.37E-07	2.15E-07	9.80E-08	9.41E-08	4.44E-09	1.07E-07	2.36E-08	3.22E-08	5.10E-08	8.99E-09	4.94E-08	2.77E-07
5616	479274.32	3850465.71	3.86E-04	3.94E-04	3.78E-04	1.34E-07	4.04E-07	2.34E-07	2.39E-07	2.16E-07	9.88E-08	9.47E-08	4.47E-09	1.08E-07	2.38E-08	3.24E-08	5.14E-08	9.06E-09	4.97E-08	2.79E-07
5617	479357.43	3850507.42	3.85E-04	3.93E-04	3.76E-04	1.33E-07	4.03E-07	2.33E-07	2.38E-07	2.16E-07	9.85E-08	9.42E-08	4.46E-09	1.08E-07	2.37E-08	3.23E-08	5.13E-08	9.04E-09	4.94E-08	2.78E-07
5618	479440.53	3850549.14	3.81E-04	3.89E-04	3.72E-04	1.32E-07	3.99E-07	2.31E-07	2.36E-07	2.14E-07	9.75E-08	9.31E-08	4.41E-09	1.07E-07	2.35E-08	3.20E-08	5.08E-08	8.95E-09	4.89E-08	2.75E-07
5619	479523.64	3850590.85	3.80E-04	3.89E-04	3.70E-04	1.32E-07	3.98E-07	2.30E-07	2.36E-07	2.14E-07	9.75E-08	9.28E-08	4.40E-09	1.06E-07	2.35E-08	3.20E-08	5.07E-08	8.94E-09	4.87E-08	2.75E-07
5620	479606.74	3850632.57	3.83E-04	3.91E-04	3.72E-04	1.33E-07	4.00E-07	2.32E-07	2.37E-07	2.15E-07	9.81E-08	9.31E-08	4.43E-09	1.07E-07	2.36E-08	3.22E-08	5.11E-08	9.00E-09	4.89E-08	2.76E-07
5621	479777.37	3850707.61	3.85E-04	3.95E-04	3.72E-04	1.33E-07	4.03E-07	2.33E-07	2.39E-07	2.17E-07	9.89E-08	9.31E-08	4.46E-09	1.08E-07	2.38E-08	3.25E-08	5.15E-08	9.07E-09	4.89E-08	2.78E-07
5622	479864.9	3850740.95	3.90E-04	3.99E-04	3.75E-04	1.35E-07	4.08E-07	2.36E-07	2.42E-07	2.19E-07	1.00E-07	9.39E-08	4.51E-09	1.09E-07	2.40E-08	3.29E-08	5.21E-08	9.19E-09	4.93E-08	2.81E-07
5623	479931.87	3850829.57	4.01E-04	4.11E-04	3.87E-04	1.39E-07	4.20E-07	2.43E-07	2.49E-07	2.26E-07	1.03E-07	9.69E-08	4.65E-09	1.12E-07	2.48E-08	3.38E-08	5.37E-08	9.46E-09	5.09E-08	2.89E-07
5624	479995.55	3850926.75	4.21E-04	4.31E-04	4.07E-04	1.46E-07	4.41E-07	2.55E-07	2.61E-07	2.37E-07	1.08E-07	1.02E-07	4.87E-09	1.18E-07	2.60E-08	3.55E-08	5.63E-08	9.92E-09	5.35E-08	3.04E-07
5625	480079.78	3850968.64	4.30E-04	4.41E-04	4.15E-04	1.49E-07	4.50E-07	2.61E-07	2.67E-07	2.42E-07	1.10E-07	1.04E-07	4.98E-09	1.20E-07	2.65E-08	3.63E-08	5.75E-08	1.01E-08	5.46E-08	3.10E-07
5626	480164.01	3851010.54	4.39E-04	4.50E-04	4.23E-04	1.52E-07	4.59E-07	2.66E-07	2.72E-07	2.47E-07	1.13E-07	1.06E-07	5.08E-09	1.23E-07	2.71E-08	3.70E-08	5.87E-08	1.03E-08	5.56E-08	3.16E-07
5627	480248.23	3851052.43	4.47E-04	4.59E-04	4.30E-04	1.55E-07	4.68E-07	2.71E-07	2.78E-07	2.52E-07	1.15E-07	1.08E-07	5.18E-09	1.25E-07	2.76E-08	3.77E-08	5.99E-08	1.06E-08	5.66E-08	3.23E-07
5628	480332.46	3851094.33	4.54E-04	4.65E-04	4.35E-04	1.57E-07	4.75E-07	2.75E-07	2.82E-07	2.56E-07	1.17E-07	1.09E-07	5.25E-09	1.27E-07	2.80E-08	3.83E-08	6.07E-08	1.07E-08	5.73E-08	3.27E-07
5629	480416.69	3851136.22	4.57E-04	4.69E-04	4.37E-04	1.58E-07	4.78E-07	2.77E-07	2.84E-07	2.58E-07	1.18E-07	1.10E-07	5.29E-09	1.28E-07	2.82E-08	3.86E-08	6.12E-08	1.08E-08	5.75E-08	3.29E-07
5630	480579.95	3851215.17	4.68E-04	4.81E-04	4.46E-04	1.62E-07	4.90E-07	2.84E-07	2.92E-07	2.64E-07	1.21E-07	1.12E-07	5.42E-09	1.31E-07	2.89E-08	3.96E-08	6.28E-08	1.11E-08	5.86E-08	3.37E-07
5631	480658.98	3851252.22	4.75E-04	4.89E-04	4.52E-04	1.65E-07	4.98E-07	2.88E-07	2.96E-07	2.69E-07	1.23E-07	1.13E-07	5.50E-09	1.33E-07	2.93E-08	4.02E-08	6.38E-08	1.12E-08	5.94E-08	3.42E-07
5632	480817.36	3851327.85	4.90E-04	5.05E-04	4.63E-04	1.70E-07	5.13E-07	2.97E-07	3.06E-07	2.77E-07	1.26E-07	1.16E-07	5.67E-09	1.37E-07	3.02E-08	4.15E-08	6.58E-08	1.16E-08	6.09E-08	3.53E-07
5633	480896.72	3851366.43	4.96E-04	5.11E-04	4.68E-04	1.72E-07	5.19E-07	3.00E-07	3.09E-07	2.80E-07	1.28E-07	1.17E-07	5.74E-09	1.39E-07	3.06E-08	4.20E-08	6.66E-08	1.17E-08	6.15E-08	3.57E-07
5634	480976.07	3851405	5.01E-04	5.17E-04	4.72E-04	1.74E-07	5.25E-07	3.04E-07	3.13E-07	2.84E-07	1.30E-07	1.18E-07	5.80E-09	1.40E-07	3.09E-08	4.25E-08	6.75E-08	1.19E-08	6.21E-08	3.61E-07
5635	481178	3851487.31	5.09E-04	5.26E-04	4.76E-04	1.76E-07	5.32E-07	3.08E-07	3.18E-07	2.89E-07	1.32E-07	1.19E-07	5.89E-09	1.42E-07	3.14E-08	4.32E-08	6.86E-08	1.21E-08	6.25E-08	3.66E-07
5636	481244.9	3851557.17	5.19E-04	5.36E-04	4.84E-04	1.80E-07	5.43E-07	3.14E-07	3.25E-07	2.94E-07	1.34E-07	1.21E-07	6.00E-09	1.45E-07	3.20E-08	4.41E-08	6.99E-08	1.23E-08	6.37E-08	3.73E-07
5637	481311.81	3851627.03	5.27E-04	5.45E-04	4.92E-04	1.83E-07	5.52E-07	3.19E-07	3.30E-07	2.99E-07	1.37E-07	1.23E-07	6.10E-09	1.47E-07	3.25E-08	4.48E-08	7.11E-08	1.25E-08	6.47E-08	3.79E-07
5638	481378.71	3851696.89	5.35E-04	5.54E-04	4.99E-04	1.86E-07	5.60E-07	3.24E-07	3.35E-07	3.04E-07	1.39E-07	1.25E-07	6.20E-09	1.50E-07	3.30E-08	4.55E-08	7.22E-08	1.27E-08	6.56E-08	3.85E-07
5639	481445.61	3851766.76	5.44E-04	5.63E-04	5.07E-04	1.89E-07	5.70E-07	3.30E-07	3.41E-07	3.09E-07	1.41E-07	1.27E-07	6.30E-09	1.52E-07	3.36E-08	4.63E-08	7.35E-08	1.29E-08	6.67E-08	3.91E-07
5640	481512.51	3851836.62	5.52E-04	5.71E-04	5.14E-04	1.91E-07	5.78E-07	3.35E-07	3.46E-07	3.14E-07	1.43E-07	1.29E-07	6.39E-09	1.54E-07	3.41E-08	4.70E-08	7.46E-08	1.31E-08	6.75E-08	3.97E-07
5641	481579.42	3851906.48	5.61E-04	5.80E-04	5.21E-04	1.94E-07	5.87E-07	3.40E-07	3.52E-07	3.19E-07	1.45E-07	1.30E-07	6.49E-09	1.57E-07	3.46E-08	4.77E-08	7.57E-08	1.33E-08	6.85E-08	4.03E-07
5642	481646.32	3851976.34	5.71E-04	5.91E-04	5.29E-04	1.98E-07	5.97E-07	3.46E-07	3.58E-07	3.24E-07	1.48E-07	1.33E-07	6.60E-09	1.59E-07	3.52E-08	4.86E-08	7.71E-08	1.36E-08	6.96E-08	4.10E-07
5643	481713.22	3852046.2	5.77E-04	5.97E-04	5.34E-04	2.00E-07	6.04E-07	3.49E-07	3.62E-07	3.28E-07	1.50E-07	1.34E-07	6.67E-09	1.61E-07	3.56E-08	4.91E-08	7.79E-08	1.37E-08	7.02E-08	4.14E-07
5644	481780.12	3852116.06	5.90E-04	6.11E-04	5.45E-04	2.04E-07	6.17E-07	3.57E-07	3.70E-07	3.35E-07	1.53E-07	1.37E-07	6.82E-09	1.65E-07	3.64E-08	5.02E-08	7.97E-08	1.40E-08	7.17E-08	4.24E-07
5645	481847.03	3852185.92	6.07E-04	6.28E-04	5.61E-04	2.10E-07	6.35E-07	3.67E-07	3.81E-07	3.45E-07	1.57E-07	1.41E-07	7.02E-09	1.70E-07	3.74E-08	5.17E-08	8.20E-08	1.45E-08	7.38E-08	4.36E-07
5646	481913.93	3852255.78	6.25E-04	6.48E-04	5.79E-04	2.17E-07	6.54E-07	3.79E-07	3.92E-07	3.56E-07	1.62E-07	1.45E-07	7.23E-09	1.75E-07	3.86E-08	5.33E-08	8.45E-08	1.49E-08	7.61E-08	4.49E-07
5647	481980.83	3852325.65	6.46E-04	6.69E-04	5.99E-04	2.24E-07	6.76E-07	3.92E-07	4.05E-07	3.68E-07	1.68E-07	1.50E-07	7.48E-09	1.81E-07	3.99E-08	5.50E-08	8.73E-08	1.54E-08	7.88E-08	4.65E-07
5648	482047.73	3852395.51	6.64E-04	6.88E-04	6.15E-04	2.30E-07	6.95E-07	4.02E-07	4.17E-07	3.78E-07	1.72E-07	1.54E-07	7.69E-09	1.86E-07	4.10E-08	5.66E-08	8.97E-08	1.58E-08	8.09E-08	4.77E-07
5649	482114.64	3852465.37	6.86E-04	7.10E-04	6.36E-04	2.38E-07	7.18E-07	4.15E-07	4.30E-07	3.90E-07	1.78E-07	1.59E-07	7.94E-09	1.92E-07	4.23E-08	5.84E-08	9.26E-08	1.63E-08	8.36E-08	4.93E-07
5650	482181.54	3852535.23	7.03E-04	7.28E-04	6.51E-04	2.44E-07	7.36E-07	4.26E-07	4.41E-07	4.00E-07	1.82E-07	1.63E-07	8.14E-09	1.97E-07	4.34E-08	5.99E-08	9.50E-08	1.67E-08	8.57E-08	5.05E-07
5651	482338.69	3852700.05	7.54E-04	7.80E-04	6.98E-04	2.61E-07	7.89E-07	4.57E-07	4.73E-07	4.29E-07	1.96E-07	1.75E-07	8.72E-09	2.11E-07	4.65E-08	6.42E-08	1.02E-07	1.79E-08	9.18E-08	5.42E-07
5652	482404.05	3852767.78	7.77E-04	8.05E-04	7.20E-04	2.69E-07	8.13E-07	4.71E-07	4.87E-07	4.42E-07	2.02E-07	1.80E-07	8.99E-09	2.17E-07	4.79E-08	6.62E-08	1.05E-07	1.85E-08	9.46E-08	5.58E-07
5653	482469.4	3852835.52	8.01E-04	8.30E-04	7.42E-04	2.78E-07	8.38E-07	4.85E-07	5.03E-07	4.56E-07	2.08E-07	1.86E-07	9.27E-09	2.24E-07	4.94E-08	6.82E-08	1.08E-07	1.91E-08	9.76E-08	5.76E-07
5654	482534.75	3852903.25	8.23E-04	8.53E-04	7.61E-04	2.85E-07	8.61E-07	4.99E-07	5.17E-07	4.68E-07	2.14E-07	1.91E-07	9.53E-09	2.30E-07	5.08E-08	7.01E-08	1.11E-07	1.96E-08	1.00E-07	5.92E-07
5655	482600.11	3852970.99	8.48E-04	8.78E-04	7.83E-04	2.94E-07	8.87E-07	5.13E-07	5.32E-07	4.82E-07	2.20E-07	1.96E-07	9.81E-09	2.37E-07	5.23E-08	7.22E-08	1.15E-07	2.02E-08	1.03E-07	6.09E-07
5656	482706.71	3853119.28	8.96E-04	9.29E-04	8.28E-04	3.11E-07	9.38E-07	5.43E-07	5.63E-07	5.10E-07	2.33E-07	2.07E-07	1.04E-08	2.51E-07	5.53E-08	7.64E-08	1.21E-07	2.14E-08	1.09E-07	6.44E-07
5657	482747.96	3853199.84	9.28E-04	9.62E-04	8.59E-04	3.22E-07	9.71E-07	5.62E-07	5.83E-07	5.28E-07	2.41E-07	2.15E-07	1.07E-08	2.60E-07	5.73E-08	7.91E-08	1.25E-07	2.21E-08	1.13E-07	6.67E-07
5658	482789.21	3853280.4	9.63E-04	9.97E-04	8.94E-04	3.34E-07	1.01E-06	5.83E-07	6.04E-07	5.47E-07	2.50E-07	2.24E-07	1.11E-08	2.69E-07	5.94E-08	8.20E-08	1.30E-07	2.29E-08	1.18E-07	6.92E-07
5659	482830.46	3853360.96	9.96E-04	1.03E-03	9.26E-04	3.45E-07	1.04E-06	6.03E-07	6.24E-07	5.66E-07	2.58E-07	2.32E-07	1.15E-08	2.78E-07	6.15E-08	8.48E-08	1.34E-07	2.37E-08	1.22E-07	7.16E-07
5660	482871.71	3853441.52	1.03E-03	1.07E-03	9.60E-04	3.57E-07	1.08E-06	6.24E-07	6.45E-07	5.85E-07	2.67E-07	2.40E-07	1.19E-08	2.88E-07	6.35E-08	8.76E-08	1.39E-07	2.45E-08	1.26E-07	7.41E-07
5661	482912.95	3853522.07	1.06E-03	1.09E-03	9.85E-04	3.66E-07	1.11E-06	6.40E-07	6.62E-07	6.00E-07	2.74E-07	2.47E-07	1.22E-08	2.95E-07	6.52E-08	8.99E-08	1.43E-07	2.51E-08	1.30E-07	7.60E-07
5662	482954.2	3853602.63	1.08E-03	1.12E-03	1.01E-03	3.76E-07	1.13E-06	6.57E-07	6.79E-07	6.16E-07	2.81E-07	2.53E-07	1.25E-08	3.03E-07	6.69E-08	9.22E-08	1.46E-07	2.58E-08	1.33E-07	7.80E-07
5663	482995.45	3853683.19	1.11E-03	1.15E-03	1.03E-03	3.84E-07	1.16E-06	6.72E-07	6.95E-07	6.30E-07	2.87E-07	2.59E-07	1.28E-08	3.10E-07	6.84E-08	9.44E-08	1.50E-07	2.64E-08	1.36E-07	7.97E-07
5664	483036.7	3853763.75	1.13E-03	1.17E-03	1.05E-03	3.93E-07	1.19E-06	6.87E-07	7.11E-07	6.45E-07	2.94E-07	2.64E-07	1.31E-08	3.17E-07	7.00E-08	9.66E-08	1.53E-07	2.70E-08	1.39E-07	8.16E-07

5665	483214.2	3853909.91	1.12E-03	1.16E-03	1.01E-03	3.87E-07	1.17E-06	6.77E-07	7.05E-07	6.39E-07	2.92E-07	2.53E-07	1.29E-08	3.12E-07	6.89E-08	9.57E-08	1.52E-07	2.68E-08	1.33E-07	8.02E-07
5666	483307.01	3853910.44	1.14E-03	1.19E-03	1.02E-03	3.93E-07	1.19E-06	6.88E-07	7.18E-07	6.51E-07	2.97E-07	2.55E-07	1.31E-08	3.17E-07	7.00E-08	9.75E-08	1.55E-07	2.73E-08	1.34E-07	8.14E-07
5667	483399.83	3853910.96	1.14E-03	1.20E-03	1.01E-03	3.96E-07	1.20E-06	6.92E-07	7.25E-07	6.57E-07	3.00E-07	2.53E-07	1.32E-08	3.19E-07	7.05E-08	9.84E-08	1.56E-07	2.75E-08	1.33E-07	8.18E-07
5668	483494.52	3854009.24	1.21E-03	1.27E-03	1.06E-03	4.20E-07	1.27E-06	7.34E-07	7.70E-07	6.98E-07	3.18E-07	2.67E-07	1.40E-08	3.39E-07	7.47E-08	1.05E-07	1.66E-07	2.92E-08	1.40E-07	8.67E-07
5669	483496.41	3854106.98	1.28E-03	1.34E-03	1.13E-03	4.42E-07	1.34E-06	7.73E-07	8.10E-07	7.34E-07	3.35E-07	2.83E-07	1.48E-08	3.57E-07	7.87E-08	1.10E-07	1.74E-07	3.07E-08	1.49E-07	9.14E-07
5670	483577.56	3854261.96	1.34E-03	1.41E-03	1.17E-03	4.64E-07	1.40E-06	8.11E-07	8.52E-07	7.72E-07	3.52E-07	2.94E-07	1.55E-08	3.74E-07	8.26E-08	1.16E-07	1.83E-07	3.23E-08	1.54E-07	9.58E-07
5671	483656.83	3854319.19	1.36E-03	1.43E-03	1.18E-03	4.71E-07	1.42E-06	8.24E-07	8.67E-07	7.86E-07	3.59E-07	2.95E-07	1.57E-08	3.80E-07	8.39E-08	1.18E-07	1.87E-07	3.29E-08	1.55E-07	9.72E-07
5672	483736.1	3854376.41	1.40E-03	1.48E-03	1.20E-03	4.86E-07	1.47E-06	8.50E-07	8.96E-07	8.12E-07	3.71E-07	3.02E-07	1.62E-08	3.92E-07	8.65E-08	1.22E-07	1.93E-07	3.40E-08	1.58E-07	1.00E-06
5673	483815.37	3854433.64	1.47E-03	1.55E-03	1.26E-03	5.10E-07	1.54E-06	8.92E-07	9.41E-07	8.53E-07	3.89E-07	3.15E-07	1.70E-08	4.12E-07	9.08E-08	1.28E-07	2.03E-07	3.57E-08	1.66E-07	1.05E-06
5674	483894.63	3854490.87	1.56E-03	1.65E-03	1.34E-03	5.41E-07	1.63E-06	9.46E-07	9.97E-07	9.04E-07	4.13E-07	3.35E-07	1.81E-08	4.36E-07	9.63E-08	1.35E-07	2.15E-07	3.79E-08	1.76E-07	1.11E-06
5675	483973.9	3854548.1	1.67E-03	1.76E-03	1.44E-03	5.79E-07	1.75E-06	1.01E-06	1.07E-06	9.66E-07	4.41E-07	3.61E-07	1.93E-08	4.67E-07	1.03E-07	1.45E-07	2.29E-07	4.04E-08	1.90E-07	1.19E-06
5676	484053.17	3854605.32	1.82E-03	1.92E-03	1.59E-03	6.32E-07	1.91E-06	1.11E-06	1.16E-06	1.05E-06	4.80E-07	3.98E-07	2.11E-08	5.10E-07	1.13E-07	1.58E-07	2.50E-07	4.41E-08	2.09E-07	1.30E-06
5677	484214.97	3854698.15	2.15E-03	2.25E-03	1.88E-03	7.44E-07	2.25E-06	1.30E-06	1.37E-06	1.24E-06	5.65E-07	4.71E-07	2.49E-08	6.00E-07	1.32E-07	1.85E-07	2.94E-07	5.18E-08	2.47E-07	1.54E-06
5678	484297.5	3854733.74	2.37E-03	2.49E-03	2.07E-03	8.22E-07	2.48E-06	1.44E-06	1.51E-06	1.37E-06	6.24E-07	5.18E-07	2.74E-08	6.63E-07	1.46E-07	2.05E-07	3.25E-07	5.73E-08	2.72E-07	1.70E-06
5679	484380.03	3854769.34	2.53E-03	2.66E-03	2.20E-03	8.76E-07	2.64E-06	1.53E-06	1.61E-06	1.46E-06	6.65E-07	5.51E-07	2.92E-08	7.06E-07	1.56E-07	2.18E-07	3.47E-07	6.11E-08	2.89E-07	1.81E-06
5680	484462.56	3854804.94	2.77E-03	2.92E-03	2.40E-03	9.60E-07	2.90E-06	1.68E-06	1.77E-06	1.60E-06	7.31E-07	6.01E-07	3.21E-08	7.75E-07	1.71E-07	2.40E-07	3.81E-07	6.71E-08	3.15E-07	1.98E-06
5681	484545.09	3854840.53	2.92E-03	3.07E-03	2.52E-03	1.01E-06	3.05E-06	1.77E-06	1.86E-06	1.69E-06	7.70E-07	6.30E-07	3.38E-08	8.16E-07	1.80E-07	2.53E-07	4.01E-07	7.07E-08	3.31E-07	2.08E-06
5682	484691.88	3854912.59	3.49E-03	3.70E-03	2.95E-03	1.21E-06	3.66E-06	2.12E-06	2.24E-06	2.03E-06	9.27E-07	7.40E-07	4.04E-08	9.77E-07	2.16E-07	3.04E-07	4.83E-07	8.50E-08	3.88E-07	2.49E-06
5683	484830.81	3855012.51	5.29E-03	5.72E-03	4.04E-03	1.83E-06	5.53E-06	3.20E-06	3.46E-06	3.14E-06	1.43E-06	1.01E-06	6.12E-08	1.48E-06	3.26E-07	4.70E-07	7.46E-07	1.31E-07	5.31E-07	3.74E-06
5684	484905.48	3855075.97	9.72E-03	1.08E-02	6.42E-03	3.37E-06	1.02E-05	5.89E-06	6.54E-06	5.93E-06	2.70E-06	1.61E-06	1.12E-07	2.72E-06	5.99E-07	8.88E-07	1.41E-06	2.48E-07	8.44E-07	6.82E-06
5685	484980.14	3855139.44	1.39E-02	1.56E-02	8.67E-03	4.83E-06	1.46E-05	8.44E-06	9.47E-06	8.59E-06	3.92E-06	2.17E-06	1.61E-07	3.90E-06	8.60E-07	1.29E-06	2.04E-06	3.60E-07	1.14E-06	9.74E-06
5686	485054.81	3855202.91	1.67E-02	1.88E-02	1.02E-02	5.79E-06	1.75E-05	1.01E-05	1.14E-05	1.03E-05	4.71E-06	2.54E-06	1.93E-07	4.67E-06	1.03E-06	1.55E-06	2.45E-06	4.32E-07	1.33E-06	1.17E-05
5687	485129.48	3855266.37	1.76E-02	1.98E-02	1.06E-02	6.09E-06	1.84E-05	1.06E-05	1.20E-05	1.09E-05	4.96E-06	2.67E-06	2.03E-07	4.91E-06	1.08E-06	1.63E-06	2.58E-06	4.55E-07	1.40E-06	1.23E-05
5688	485204.15	3855329.84	2.00E-02	2.25E-02	1.20E-02	6.92E-06	2.09E-05	1.21E-05	1.36E-05	1.24E-05	5.64E-06	3.01E-06	2.31E-07	5.58E-06	1.23E-06	1.85E-06	2.94E-06	5.18E-07	1.58E-06	1.39E-05
5689	485278.82	3855393.31	2.10E-02	2.37E-02	1.26E-02	7.27E-06	2.20E-05	1.27E-05	1.43E-05	1.30E-05	5.93E-06	3.16E-06	2.43E-07	5.86E-06	1.29E-06	1.95E-06	3.09E-06	5.44E-07	1.66E-06	1.46E-05
5690	485353.48	3855456.77	2.24E-02	2.53E-02	1.35E-02	7.77E-06	2.35E-05	1.36E-05	1.53E-05	1.39E-05	6.33E-06	3.38E-06	2.59E-07	6.27E-06	1.38E-06	2.08E-06	3.30E-06	5.81E-07	1.77E-06	1.56E-05
5691	485428.15	3855520.24	2.30E-02	2.60E-02	1.39E-02	7.98E-06	2.41E-05	1.40E-05	1.57E-05	1.43E-05	6.50E-06	3.48E-06	2.67E-07	6.44E-06	1.42E-06	2.14E-06	3.39E-06	5.97E-07	1.83E-06	1.61E-05
5692	485502.82	3855583.71	2.37E-02	2.67E-02	1.44E-02	8.22E-06	2.48E-05	1.44E-05	1.62E-05	1.47E-05	6.69E-06	3.60E-06	2.74E-07	6.63E-06	1.46E-06	2.20E-06	3.49E-06	6.14E-07	1.89E-06	1.66E-05
5693	485577.49	3855647.17	2.53E-02	2.85E-02	1.53E-02	8.77E-06	2.65E-05	1.53E-05	1.73E-05	1.56E-05	7.14E-06	3.84E-06	2.93E-07	7.07E-06	1.56E-06	2.34E-06	3.72E-06	6.55E-07	2.02E-06	1.77E-05
5694	485652.16	3855710.64	2.67E-02	3.01E-02	1.63E-02	9.27E-06	2.80E-05	1.62E-05	1.82E-05	1.65E-05	7.54E-06	4.08E-06	3.09E-07	7.47E-06	1.65E-06	2.48E-06	3.93E-06	6.92E-07	2.14E-06	1.87E-05
5695	485726.83	3855774.11	2.76E-02	3.11E-02	1.69E-02	9.58E-06	2.89E-05	1.67E-05	1.88E-05	1.71E-05	7.79E-06	4.23E-06	3.20E-07	7.73E-06	1.71E-06	2.56E-06	4.06E-06	7.15E-07	2.22E-06	1.93E-05
5696	485801.49	3855837.57	2.73E-02	3.07E-02	1.68E-02	9.48E-06	2.86E-05	1.66E-05	1.86E-05	1.69E-05	7.70E-06	4.22E-06	3.16E-07	7.64E-06	1.69E-06	2.53E-06	4.01E-06	7.06E-07	2.21E-06	1.91E-05
5697	485876.16	3855901.04	2.81E-02	3.16E-02	1.74E-02	9.76E-06	2.95E-05	1.71E-05	1.91E-05	1.74E-05	7.92E-06	4.36E-06	3.26E-07	7.87E-06	1.74E-06	2.60E-06	4.12E-06	7.27E-07	2.29E-06	1.97E-05
5698	485950.83	3855964.5	2.79E-02	3.13E-02	1.74E-02	9.66E-06	2.92E-05	1.69E-05	1.89E-05	1.72E-05	7.83E-06	4.35E-06	3.23E-07	7.79E-06	1.72E-06	2.57E-06	4.08E-06	7.19E-07	2.29E-06	1.95E-05
5699	486025.5	3856027.97	2.75E-02	3.08E-02	1.72E-02	9.52E-06	2.87E-05	1.66E-05	1.86E-05	1.69E-05	7.71E-06	4.32E-06	3.18E-07	7.68E-06	1.69E-06	2.53E-06	4.01E-06	7.07E-07	2.27E-06	1.92E-05
5700	486100.17	3856091.44	2.92E-02	3.27E-02	1.84E-02	1.01E-05	3.05E-05	1.77E-05	1.98E-05	1.79E-05	8.19E-06	4.60E-06	3.38E-07	8.16E-06	1.80E-06	2.69E-06	4.26E-06	7.51E-07	2.41E-06	2.04E-05
5701	486174.83	3856154.9	2.83E-02	3.17E-02	1.80E-02	9.81E-06	2.96E-05	1.71E-05	1.92E-05	1.74E-05	7.93E-06	4.50E-06	3.28E-07	7.91E-06	1.75E-06	2.60E-06	4.13E-06	7.28E-07	2.36E-06	1.98E-05
5702	486249.5	3856218.37	2.62E-02	2.93E-02	1.68E-02	9.09E-06	2.74E-05	1.59E-05	1.77E-05	1.61E-05	7.33E-06	4.21E-06	3.03E-07	7.33E-06	1.62E-06	2.41E-06	3.82E-06	6.73E-07	2.21E-06	1.84E-05
5703	486324.17	3856281.84	2.45E-02	2.73E-02	1.59E-02	8.50E-06	2.57E-05	1.49E-05	1.66E-05	1.50E-05	6.85E-06	3.99E-06	2.84E-07	6.86E-06	1.51E-06	2.25E-06	3.57E-06	6.28E-07	2.09E-06	1.72E-05
5704	486398.84	3856345.3	2.52E-02	2.81E-02	1.64E-02	8.75E-06	2.64E-05	1.53E-05	1.70E-05	1.54E-05	7.04E-06	4.11E-06	2.92E-07	7.05E-06	1.56E-06	2.31E-06	3.67E-06	6.46E-07	2.16E-06	1.77E-05
5705	486473.51	3856408.77	2.53E-02	2.82E-02	1.65E-02	8.77E-06	2.65E-05	1.53E-05	1.71E-05	1.55E-05	7.06E-06	4.14E-06	2.93E-07	7.08E-06	1.56E-06	2.32E-06	3.68E-06	6.48E-07	2.17E-06	1.77E-05
5706	486548.17	3856472.24	2.61E-02	2.90E-02	1.70E-02	9.04E-06	2.73E-05	1.58E-05	1.76E-05	1.59E-05	7.27E-06	4.27E-06	3.02E-07	7.29E-06	1.61E-06	2.39E-06	3.79E-06	6.68E-07	2.24E-06	1.83E-05
5707	486622.84	3856535.7	2.69E-02	2.99E-02	1.76E-02	9.32E-06	2.81E-05	1.63E-05	1.81E-05	1.64E-05	7.50E-06	4.40E-06	3.11E-07	7.52E-06	1.66E-06	2.46E-06	3.90E-06	6.88E-07	2.31E-06	1.88E-05
5708	486765.48	3856659.69	2.89E-02	3.21E-02	1.88E-02	1.00E-05	3.02E-05	1.75E-05	1.95E-05	1.77E-05	8.06E-06	4.72E-06	3.34E-07	8.07E-06	1.78E-06	2.64E-06	4.19E-06	7.39E-07	2.48E-06	2.02E-05
5709	486833.44	3856720.2	2.97E-02	3.31E-02	1.94E-02	1.03E-05	3.11E-05	1.80E-05	2.01E-05	1.82E-05	8.30E-06	4.85E-06	3.44E-07	8.31E-06	1.83E-06	2.72E-06	4.32E-06	7.62E-07	2.55E-06	2.08E-05
5710	486901.41	3856780.72	3.03E-02	3.37E-02	1.98E-02	1.05E-05	3.17E-05	1.84E-05	2.04E-05	1.85E-05	8.45E-06	4.95E-06	3.51E-07	8.47E-06	1.87E-06	2.77E-06	4.40E-06	7.76E-07	2.60E-06	2.12E-05
5711	486969.38	3856841.24	3.06E-02	3.40E-02	2.00E-02	1.06E-05	3.20E-05	1.85E-05	2.06E-05	1.87E-05	8.53E-06	5.01E-06	3.54E-07	8.55E-06	1.89E-06	2.80E-06	4.44E-06	7.82E-07	2.63E-06	2.14E-05
5712	487037.34	3856901.75	3.06E-02	3.41E-02	2.01E-02	1.06E-05	3.21E-05	1.86E-05	2.06E-05	1.87E-05	8.54E-06	5.04E-06	3.55E-07	8.57E-06	1.89E-06	2.80E-06	4.45E-06	7.84E-07	2.64E-06	2.15E-05
5713	487271.23	3856855.51	2.05E-02	2.24E-02	1.47E-02	7.10E-06	2.14E-05	1.24E-05	1.36E-05	1.23E-05	5.62E-06	3.68E-06	2.37E-07	5.73E-06	1.26E-06	1.84E-06	2.93E-06	5.16E-07	1.93E-06	1.44E-05
5714	487368.96	3856857.29	1.87E-02	2.04E-02	1.37E-02	6.48E-06	1.96E-05	1.13E-05	1.24E-05	1.12E-05	5.11E-06	3.43E-06	2.16E-07	5.23E-06	1.15E-06	1.68E-06	2.66E-06	4.69E-07	1.80E-06	1.32E-05
5715	487466.68	3856859.06	1.73E-02	1.88E-02	1.29E-02	5.98E-06	1.81E-05	1.05E-05	1.14E-05	1.03E-05	4.70E-06	3.23E-06	2.00E-07	4.83E-06	1.06E-06	1.54E-06	2.45E-06	4.31E-07	1.70E-06	1.22E-05
5716	487636.44	3856930	1.54E-02	1.66E-02	1.20E-02	5.35E-06	1.62E-05	9.35E-06	1.01E-05	9.14E-06	4.17E-06	3.00E-06	1.79E-07	4.31E-06	9.52E-07	1.37E-06	2.17E-06	3.83E-07	1.57E-06	1.09E-05
5717	487709.57	3856928.43	1.47E-02	1.58E-02	1.16E-02	5.09E-06	1.54E-05	8.91E-06	9.58E-06	8.68E-06	3.96E-06	2.90E-06	1.70E-07	4.11E-06	9.07E-07	1.30E-06	2.06E-06	3.64E-07	1.52E-06	1.04E-05

5718	487782.55	3856841.96	1.39E-02	1.49E-02	1.09E-02	4.81E-06	1.45E-05	8.40E-06	9.03E-06	8.19E-06	3.74E-06	2.74E-06	1.61E-07	3.88E-06	8.56E-07	1.23E-06	1.95E-06	3.43E-07	1.44E-06	9.85E-06
5719	487849.83	3856754.74	1.30E-02	1.40E-02	1.03E-02	4.52E-06	1.36E-05	7.89E-06	8.48E-06	7.69E-06	3.51E-06	2.58E-06	1.51E-07	3.64E-06	8.04E-07	1.15E-06	1.83E-06	3.22E-07	1.35E-06	9.25E-06
5720	487918.03	3856819.39	1.29E-02	1.38E-02	1.03E-02	4.46E-06	1.35E-05	7.79E-06	8.35E-06	7.57E-06	3.45E-06	2.58E-06	1.49E-07	3.60E-06	7.93E-07	1.13E-06	1.80E-06	3.17E-07	1.36E-06	9.14E-06
5721	487918.8	3856886.37	1.30E-02	1.39E-02	1.05E-02	4.51E-06	1.36E-05	7.88E-06	8.43E-06	7.64E-06	3.49E-06	2.63E-06	1.51E-07	3.64E-06	8.03E-07	1.14E-06	1.82E-06	3.20E-07	1.38E-06	9.25E-06
5722	488065.47	3857127.51	1.18E-02	1.24E-02	1.01E-02	4.08E-06	1.23E-05	7.13E-06	7.52E-06	6.82E-06	3.11E-06	2.53E-06	1.36E-07	3.29E-06	7.26E-07	1.02E-06	1.62E-06	2.85E-07	1.33E-06	8.41E-06
5723	488192.19	3857385.84	1.10E-02	1.14E-02	1.02E-02	3.82E-06	1.15E-05	6.68E-06	6.92E-06	6.27E-06	2.86E-06	2.56E-06	1.28E-07	3.08E-06	6.80E-07	9.39E-07	1.49E-06	2.63E-07	1.34E-06	7.92E-06
5724	488191.22	3857473.87	1.11E-02	1.15E-02	1.05E-02	3.85E-06	1.16E-05	6.74E-06	6.94E-06	6.29E-06	2.87E-06	2.63E-06	1.29E-07	3.11E-06	6.86E-07	9.42E-07	1.49E-06	2.63E-07	1.38E-06	8.00E-06
5725	488190.24	3857561.91	1.14E-02	1.16E-02	1.09E-02	3.94E-06	1.19E-05	6.88E-06	7.05E-06	6.40E-06	2.92E-06	2.74E-06	1.31E-07	3.17E-06	7.01E-07	9.58E-07	1.52E-06	2.68E-07	1.44E-06	8.19E-06
5726	488158.35	3857691.13	1.20E-02	1.23E-02	1.18E-02	4.17E-06	1.26E-05	7.30E-06	7.44E-06	6.74E-06	3.08E-06	2.97E-06	1.39E-07	3.37E-06	7.43E-07	1.01E-06	1.60E-06	2.82E-07	1.56E-06	8.70E-06
5727	488208.37	3857816.66	1.44E-02	1.46E-02	1.44E-02	4.99E-06	1.51E-05	8.72E-06	8.83E-06	8.00E-06	3.65E-06	3.60E-06	1.67E-07	4.02E-06	8.88E-07	1.20E-06	1.90E-06	3.35E-07	1.89E-06	1.04E-05
5728	488271.97	3857874.6	2.44E-02	2.45E-02	2.44E-02	8.45E-06	2.55E-05	1.48E-05	1.49E-05	1.35E-05	6.15E-06	6.12E-06	2.82E-07	6.81E-06	1.50E-06	2.02E-06	3.20E-06	5.64E-07	3.21E-06	1.76E-05
5729	488463.56	3857942.31	3.17E-02	3.19E-02	3.18E-02	1.10E-05	3.32E-05	1.92E-05	1.93E-05	1.75E-05	7.99E-06	7.98E-06	3.67E-07	8.87E-06	1.96E-06	2.62E-06	4.16E-06	7.33E-07	4.19E-06	2.29E-05
5730	488554.83	3857940.83	2.70E-02	2.71E-02	2.71E-02	9.34E-06	2.82E-05	1.63E-05	1.64E-05	1.49E-05	6.79E-06	6.78E-06	3.12E-07	7.54E-06	1.66E-06	2.23E-06	3.54E-06	6.24E-07	3.56E-06	1.95E-05
5731	488646.1	3857939.36	2.35E-02	2.36E-02	2.35E-02	8.13E-06	2.45E-05	1.42E-05	1.43E-05	1.30E-05	5.92E-06	5.89E-06	2.71E-07	6.56E-06	1.45E-06	1.94E-06	3.08E-06	5.43E-07	3.09E-06	1.69E-05
5732	488737.37	3857937.88	2.09E-02	2.10E-02	2.09E-02	7.24E-06	2.18E-05	1.26E-05	1.27E-05	1.16E-05	5.27E-06	5.25E-06	2.42E-07	5.84E-06	1.29E-06	1.73E-06	2.74E-06	4.84E-07	2.75E-06	1.51E-05
5733	488733.59	3857960.57	2.08E-02	2.10E-02	2.09E-02	7.21E-06	2.18E-05	1.26E-05	1.27E-05	1.15E-05	5.25E-06	5.23E-06	2.41E-07	5.81E-06	1.28E-06	1.72E-06	2.73E-06	4.82E-07	2.75E-06	1.50E-05
5734	488638.09	3857961.57	2.35E-02	2.37E-02	2.36E-02	8.15E-06	2.46E-05	1.42E-05	1.43E-05	1.30E-05	5.93E-06	5.92E-06	2.72E-07	6.58E-06	1.45E-06	1.95E-06	3.09E-06	5.44E-07	3.11E-06	1.70E-05
5735	488542.6	3857962.56	2.74E-02	2.75E-02	2.75E-02	9.49E-06	2.86E-05	1.66E-05	1.67E-05	1.51E-05	6.90E-06	6.89E-06	3.17E-07	7.65E-06	1.69E-06	2.26E-06	3.59E-06	6.33E-07	3.62E-06	1.98E-05
5736	488447.1	3857963.56	3.29E-02	3.31E-02	3.31E-02	1.14E-05	3.45E-05	1.99E-05	2.00E-05	1.82E-05	8.29E-06	8.28E-06	3.81E-07	9.20E-06	2.03E-06	2.72E-06	4.32E-06	7.61E-07	4.35E-06	2.38E-05
5737	488254.28	3857890.36	2.61E-02	2.62E-02	2.61E-02	9.03E-06	2.73E-05	1.58E-05	1.59E-05	1.44E-05	6.57E-06	6.55E-06	3.02E-07	7.28E-06	1.61E-06	2.16E-06	3.42E-06	6.03E-07	3.44E-06	1.88E-05
5738	488191.69	3857833.06	1.46E-02	1.47E-02	1.46E-02	5.04E-06	1.52E-05	8.82E-06	8.93E-06	8.09E-06	3.69E-06	3.65E-06	1.68E-07	4.07E-06	8.98E-07	1.21E-06	1.92E-06	3.39E-07	1.91E-06	1.05E-05
5739	488129.5	3857907.43	1.55E-02	1.56E-02	1.56E-02	5.36E-06	1.62E-05	9.36E-06	9.46E-06	8.58E-06	3.91E-06	3.90E-06	1.79E-07	4.32E-06	9.53E-07	1.28E-06	2.04E-06	3.59E-07	2.05E-06	1.12E-05
5740	488196.47	3857968.74	3.98E-02	3.99E-02	3.99E-02	1.38E-05	4.16E-05	2.41E-05	2.42E-05	2.19E-05	1.00E-05	1.00E-05	4.60E-07	1.11E-05	2.45E-06	3.28E-06	5.21E-06	9.17E-07	5.25E-06	2.87E-05
5741	488263.44	3858030.04	4.01E-02	4.02E-02	4.03E-02	1.39E-05	4.20E-05	2.43E-05	2.44E-05	2.21E-05	1.01E-05	1.01E-05	4.64E-07	1.12E-05	2.47E-06	3.31E-06	5.25E-06	9.25E-07	5.30E-06	2.89E-05
5742	488400.64	3858132.9	2.08E-02	2.09E-02	2.11E-02	7.20E-06	2.18E-05	1.26E-05	1.27E-05	1.15E-05	5.24E-06	5.29E-06	2.41E-07	5.81E-06	1.28E-06	1.72E-06	2.73E-06	4.81E-07	2.78E-06	1.50E-05
5743	488519.89	3858218.38	1.76E-02	1.77E-02	1.80E-02	6.08E-06	1.84E-05	1.06E-05	1.07E-05	9.70E-06	4.43E-06	4.50E-06	2.03E-07	4.91E-06	1.08E-06	1.45E-06	2.30E-06	4.06E-07	2.36E-06	1.27E-05
5744	488647.97	3858214.99	1.69E-02	1.70E-02	1.73E-02	5.86E-06	1.77E-05	1.02E-05	1.03E-05	9.34E-06	4.26E-06	4.33E-06	1.96E-07	4.72E-06	1.04E-06	1.40E-06	2.22E-06	3.91E-07	2.27E-06	1.22E-05
5745	488727.05	3858167.67	1.68E-02	1.69E-02	1.71E-02	5.83E-06	1.76E-05	1.02E-05	1.03E-05	9.30E-06	4.24E-06	4.29E-06	1.95E-07	4.70E-06	1.04E-06	1.39E-06	2.21E-06	3.89E-07	2.25E-06	1.22E-05
5746	488806.12	3858120.35	1.68E-02	1.69E-02	1.70E-02	5.82E-06	1.76E-05	1.02E-05	1.02E-05	9.28E-06	4.24E-06	4.26E-06	1.94E-07	4.69E-06	1.04E-06	1.39E-06	2.21E-06	3.89E-07	2.24E-06	1.21E-05
5747	488885.2	3858073.03	1.66E-02	1.68E-02	1.68E-02	5.77E-06	1.74E-05	1.01E-05	1.02E-05	9.21E-06	4.20E-06	4.21E-06	1.93E-07	4.65E-06	1.03E-06	1.38E-06	2.19E-06	3.86E-07	2.21E-06	1.20E-05
5748	489055.76	3857991.18	1.56E-02	1.57E-02	1.56E-02	5.40E-06	1.63E-05	9.44E-06	9.53E-06	8.64E-06	3.94E-06	3.92E-06	1.80E-07	4.36E-06	9.61E-07	1.29E-06	2.05E-06	3.62E-07	2.06E-06	1.13E-05
5749	489245.39	3857944.55	1.40E-02	1.41E-02	1.40E-02	4.85E-06	1.46E-05	8.47E-06	8.56E-06	7.76E-06	3.54E-06	3.50E-06	1.62E-07	3.91E-06	8.62E-07	1.16E-06	1.84E-06	3.25E-07	1.84E-06	1.01E-05
5750	489430.63	3857930.91	1.28E-02	1.29E-02	1.28E-02	4.43E-06	1.34E-05	7.75E-06	7.84E-06	7.11E-06	3.24E-06	3.20E-06	1.48E-07	3.58E-06	7.89E-07	1.06E-06	1.69E-06	2.98E-07	1.68E-06	9.24E-06
5751	489517.74	3857929.36	1.23E-02	1.25E-02	1.23E-02	4.27E-06	1.29E-05	7.47E-06	7.56E-06	6.86E-06	3.13E-06	3.08E-06	1.43E-07	3.45E-06	7.61E-07	1.03E-06	1.63E-06	2.87E-07	1.62E-06	8.91E-06
5752	489604.86	3857927.82	1.19E-02	1.21E-02	1.19E-02	4.13E-06	1.25E-05	7.21E-06	7.30E-06	6.62E-06	3.02E-06	2.97E-06	1.38E-07	3.33E-06	7.34E-07	9.92E-07	1.57E-06	2.77E-07	1.56E-06	8.60E-06
5753	489691.97	3857926.28	1.15E-02	1.17E-02	1.15E-02	4.00E-06	1.21E-05	6.99E-06	7.09E-06	6.42E-06	2.93E-06	2.88E-06	1.34E-07	3.23E-06	7.12E-07	9.62E-07	1.53E-06	2.69E-07	1.51E-06	8.34E-06
5754	489779.08	3857924.73	1.12E-02	1.14E-02	1.12E-02	3.88E-06	1.17E-05	6.79E-06	6.88E-06	6.24E-06	2.85E-06	2.80E-06	1.30E-07	3.13E-06	6.91E-07	9.34E-07	1.48E-06	2.61E-07	1.47E-06	8.10E-06
5755	490017.55	3857875.09	1.03E-02	1.04E-02	1.02E-02	3.56E-06	1.08E-05	6.23E-06	6.32E-06	5.73E-06	2.62E-06	2.56E-06	1.19E-07	2.88E-06	6.34E-07	8.58E-07	1.36E-06	2.40E-07	1.34E-06	7.43E-06
5756	490033.82	3857960.81	1.05E-02	1.06E-02	1.04E-02	3.62E-06	1.09E-05	6.33E-06	6.42E-06	5.82E-06	2.65E-06	2.61E-06	1.21E-07	2.92E-06	6.45E-07	8.71E-07	1.38E-06	2.44E-07	1.37E-06	7.56E-06
5757	489959.15	3857987.49	1.08E-02	1.09E-02	1.08E-02	3.73E-06	1.13E-05	6.53E-06	6.61E-06	5.99E-06	2.73E-06	2.70E-06	1.25E-07	3.01E-06	6.65E-07	8.98E-07	1.42E-06	2.51E-07	1.42E-06	7.79E-06
5758	489791.49	3858016.12	1.13E-02	1.14E-02	1.13E-02	3.91E-06	1.18E-05	6.83E-06	6.92E-06	6.27E-06	2.86E-06	2.83E-06	1.31E-07	3.15E-06	6.96E-07	9.39E-07	1.49E-06	2.63E-07	1.48E-06	8.15E-06
5759	489698.51	3858018.07	1.16E-02	1.18E-02	1.16E-02	4.03E-06	1.22E-05	7.04E-06	7.13E-06	6.46E-06	2.95E-06	2.92E-06	1.35E-07	3.25E-06	7.17E-07	9.67E-07	1.53E-06	2.70E-07	1.53E-06	8.40E-06
5760	489605.52	3858020.02	1.20E-02	1.21E-02	1.20E-02	4.16E-06	1.26E-05	7.27E-06	7.35E-06	6.67E-06	3.04E-06	3.01E-06	1.39E-07	3.35E-06	7.40E-07	9.98E-07	1.58E-06	2.79E-07	1.58E-06	8.68E-06
5761	489512.53	3858021.96	1.24E-02	1.26E-02	1.24E-02	4.30E-06	1.30E-05	7.52E-06	7.60E-06	6.89E-06	3.14E-06	3.12E-06	1.44E-07	3.47E-06	7.65E-07	1.03E-06	1.64E-06	2.89E-07	1.64E-06	8.97E-06
5762	489419.55	3858023.91	1.29E-02	1.30E-02	1.29E-02	4.46E-06	1.35E-05	7.80E-06	7.89E-06	7.15E-06	3.26E-06	3.24E-06	1.49E-07	3.60E-06	7.95E-07	1.07E-06	1.70E-06	3.00E-07	1.70E-06	9.32E-06
5763	489228.47	3858041.29	1.39E-02	1.40E-02	1.40E-02	4.81E-06	1.45E-05	8.41E-06	8.50E-06	7.70E-06	3.51E-06	3.50E-06	1.61E-07	3.88E-06	8.56E-07	1.15E-06	1.83E-06	3.22E-07	1.84E-06	1.00E-05
5764	489065.75	3858085.78	1.49E-02	1.50E-02	1.51E-02	5.17E-06	1.56E-05	9.04E-06	9.12E-06	8.26E-06	3.77E-06	3.77E-06	1.73E-07	4.17E-06	9.20E-07	1.24E-06	1.96E-06	3.46E-07	1.98E-06	1.08E-05
5765	489001.12	3858114.86	1.52E-02	1.53E-02	1.54E-02	5.27E-06	1.59E-05	9.21E-06	9.29E-06	8.42E-06	3.84E-06	3.86E-06	1.76E-07	4.25E-06	9.38E-07	1.26E-06	2.00E-06	3.53E-07	2.02E-06	1.10E-05
5766	488861.89	3858189.81	1.56E-02	1.57E-02	1.59E-02	5.41E-06	1.63E-05	9.45E-06	9.53E-06	8.63E-06	3.94E-06	3.98E-06	1.81E-07	4.36E-06	9.63E-07	1.29E-06	2.05E-06	3.62E-07	2.09E-06	1.13E-05
5767	488787.29	3858235.69	1.59E-02	1.60E-02	1.62E-02	5.51E-06	1.66E-05	9.63E-06	9.69E-06	8.79E-06	4.01E-06	4.07E-06	1.84E-07	4.44E-06	9.80E-07	1.32E-06	2.09E-06	3.68E-07	2.14E-06	1.15E-05
5768	488712.68	3858281.57	1.62E-02	1.63E-02	1.66E-02	5.60E-06	1.69E-05	9.79E-06	9.85E-06	8.93E-06	4.07E-06	4.15E-06	1.87E-07	4.52E-06	9.97E-07	1.34E-06	2.12E-06	3.74E-07	2.18E-06	1.17E-05
5769	488654.39	3858436.17	1.70E-02	1.71E-02	1.76E-02	5.90E-06	1.78E-05	1.03E-05	1.04E-05	9.40E-06	4.29E-06	4.41E-06	1.97E-07	4.76E-06	1.05E-06	1.41E-06	2.23E-06	3.94E-07	2.32E-06	1.24E-05
5770	488726.31	3858505.26	1.74E-02	1.75E-02	1.81E-02	6.04E-06	1.82E-05	1.06E-05	1.06E-05	9.62E-06	4.39E-06	4.53E-06	2.02E-07	4.88E-06	1.08E-06	1.44E-06	2.29E-06	4.03E-07	2.38E-06	1.27E-05

5771	488880.6	3858599.28	1.84E-02	1.85E-02	1.91E-02	6.37E-06	1.92E-05	1.11E-05	1.12E-05	1.01E-05	4.63E-06	4.79E-06	2.13E-07	5.14E-06	1.13E-06	1.52E-06	2.41E-06	4.25E-07	2.51E-06	1.34E-05
5772	489008.06	3858714.75	2.10E-02	2.10E-02	2.18E-02	7.27E-06	2.19E-05	1.27E-05	1.27E-05	1.16E-05	5.27E-06	5.47E-06	2.43E-07	5.86E-06	1.29E-06	1.73E-06	2.74E-06	4.84E-07	2.87E-06	1.52E-05
5773	489071.48	3858772.72	2.24E-02	2.25E-02	2.34E-02	7.78E-06	2.35E-05	1.36E-05	1.36E-05	1.24E-05	5.64E-06	5.87E-06	2.60E-07	6.28E-06	1.38E-06	1.85E-06	2.94E-06	5.18E-07	3.08E-06	1.63E-05
5774	489244.6	3858920.2	2.54E-02	2.55E-02	2.66E-02	8.80E-06	2.66E-05	1.54E-05	1.54E-05	1.40E-05	6.38E-06	6.65E-06	2.94E-07	7.10E-06	1.57E-06	2.09E-06	3.32E-06	5.85E-07	3.49E-06	1.85E-05
5775	489239.69	3858952.23	2.66E-02	2.66E-02	2.78E-02	9.21E-06	2.78E-05	1.61E-05	1.61E-05	1.46E-05	6.68E-06	6.97E-06	3.08E-07	7.43E-06	1.64E-06	2.19E-06	3.48E-06	6.13E-07	3.66E-06	1.93E-05
5776	489121.67	3858854.49	2.51E-02	2.52E-02	2.63E-02	8.71E-06	2.63E-05	1.52E-05	1.53E-05	1.38E-05	6.32E-06	6.59E-06	2.91E-07	7.03E-06	1.55E-06	2.07E-06	3.29E-06	5.80E-07	3.46E-06	1.83E-05
5777	489059.59	3858797.27	2.36E-02	2.37E-02	2.47E-02	8.18E-06	2.47E-05	1.43E-05	1.43E-05	1.30E-05	5.93E-06	6.18E-06	2.73E-07	6.60E-06	1.46E-06	1.95E-06	3.09E-06	5.45E-07	3.24E-06	1.72E-05
5778	488997.52	3858740.04	2.19E-02	2.20E-02	2.29E-02	7.60E-06	2.30E-05	1.33E-05	1.33E-05	1.21E-05	5.52E-06	5.73E-06	2.54E-07	6.13E-06	1.35E-06	1.81E-06	2.87E-06	5.06E-07	3.01E-06	1.59E-05
5779	488935.44	3858682.82	2.04E-02	2.05E-02	2.13E-02	7.08E-06	2.14E-05	1.24E-05	1.24E-05	1.13E-05	5.14E-06	5.33E-06	2.36E-07	5.71E-06	1.26E-06	1.69E-06	2.67E-06	4.71E-07	2.80E-06	1.48E-05
5780	488869.17	3858848.43	3.02E-02	3.03E-02	3.16E-02	1.05E-05	3.16E-05	1.83E-05	1.83E-05	1.66E-05	7.58E-06	7.92E-06	3.49E-07	8.44E-06	1.86E-06	2.49E-06	3.95E-06	6.96E-07	4.15E-06	2.19E-05
5781	488932.48	3858892.69	3.19E-02	3.20E-02	3.34E-02	1.11E-05	3.34E-05	1.93E-05	1.94E-05	1.76E-05	8.01E-06	8.37E-06	3.69E-07	8.92E-06	1.97E-06	2.63E-06	4.17E-06	7.35E-07	4.40E-06	2.32E-05
5782	489063.27	3858977.17	3.27E-02	3.28E-02	3.43E-02	1.13E-05	3.42E-05	1.98E-05	1.99E-05	1.80E-05	8.22E-06	8.59E-06	3.79E-07	9.15E-06	2.02E-06	2.70E-06	4.28E-06	7.54E-07	4.51E-06	2.38E-05
5783	489248.2	3859117.15	3.06E-02	3.06E-02	3.20E-02	1.06E-05	3.20E-05	1.85E-05	1.85E-05	1.68E-05	7.67E-06	8.03E-06	3.54E-07	8.54E-06	1.89E-06	2.52E-06	4.00E-06	7.04E-07	4.21E-06	2.22E-05
5784	489296.25	3859049.22	2.80E-02	2.81E-02	2.93E-02	9.71E-06	2.93E-05	1.70E-05	1.70E-05	1.54E-05	7.03E-06	7.35E-06	3.24E-07	7.83E-06	1.73E-06	2.31E-06	3.66E-06	6.45E-07	3.86E-06	2.04E-05
5785	489353.38	3858993.97	2.54E-02	2.55E-02	2.66E-02	8.80E-06	2.66E-05	1.54E-05	1.54E-05	1.40E-05	6.38E-06	6.66E-06	2.94E-07	7.10E-06	1.57E-06	2.09E-06	3.32E-06	5.85E-07	3.49E-06	1.85E-05
5786	489537.25	3859120.22	2.39E-02	2.40E-02	2.50E-02	8.29E-06	2.50E-05	1.45E-05	1.45E-05	1.32E-05	6.01E-06	6.27E-06	2.77E-07	6.69E-06	1.48E-06	1.97E-06	3.13E-06	5.51E-07	3.29E-06	1.74E-05
5787	489726.98	3859246.04	2.17E-02	2.18E-02	2.27E-02	7.53E-06	2.27E-05	1.32E-05	1.32E-05	1.20E-05	5.46E-06	5.70E-06	2.52E-07	6.08E-06	1.34E-06	1.79E-06	2.84E-06	5.01E-07	2.99E-06	1.58E-05
5788	489911.46	3859366.33	1.94E-02	1.94E-02	2.03E-02	6.72E-06	2.03E-05	1.17E-05	1.18E-05	1.07E-05	4.87E-06	5.08E-06	2.24E-07	5.42E-06	1.20E-06	1.60E-06	2.54E-06	4.47E-07	2.67E-06	1.41E-05
5789	490035.3	3859430.26	1.83E-02	1.83E-02	1.91E-02	6.33E-06	1.91E-05	1.11E-05	1.11E-05	1.01E-05	4.59E-06	4.78E-06	2.11E-07	5.11E-06	1.13E-06	1.51E-06	2.39E-06	4.21E-07	2.51E-06	1.33E-05
5790	490101.11	3859458.61	1.76E-02	1.77E-02	1.84E-02	6.11E-06	1.85E-05	1.07E-05	1.07E-05	9.71E-06	4.43E-06	4.62E-06	2.04E-07	4.93E-06	1.09E-06	1.45E-06	2.31E-06	4.07E-07	2.43E-06	1.28E-05
5791	490312.68	3859560.3	1.60E-02	1.60E-02	1.67E-02	5.53E-06	1.67E-05	9.66E-06	9.69E-06	8.78E-06	4.01E-06	4.18E-06	1.85E-07	4.46E-06	9.84E-07	1.32E-06	2.09E-06	3.68E-07	2.19E-06	1.16E-05
5792	490401.63	3859603.12	1.53E-02	1.54E-02	1.60E-02	5.31E-06	1.60E-05	9.28E-06	9.31E-06	8.44E-06	3.85E-06	4.01E-06	1.77E-07	4.28E-06	9.45E-07	1.26E-06	2.00E-06	3.53E-07	2.11E-06	1.11E-05
5793	490490.57	3859645.94	1.47E-02	1.48E-02	1.54E-02	5.10E-06	1.54E-05	8.92E-06	8.95E-06	8.11E-06	3.70E-06	3.86E-06	1.70E-07	4.12E-06	9.09E-07	1.21E-06	1.93E-06	3.40E-07	2.02E-06	1.07E-05
5794	490579.51	3859688.76	1.41E-02	1.42E-02	1.48E-02	4.90E-06	1.48E-05	8.57E-06	8.59E-06	7.79E-06	3.55E-06	3.70E-06	1.64E-07	3.95E-06	8.72E-07	1.17E-06	1.85E-06	3.26E-07	1.94E-06	1.03E-05
5795	490668.45	3859731.58	1.35E-02	1.36E-02	1.41E-02	4.69E-06	1.41E-05	8.19E-06	8.21E-06	7.45E-06	3.40E-06	3.54E-06	1.56E-07	3.78E-06	8.34E-07	1.12E-06	1.77E-06	3.12E-07	1.86E-06	9.82E-06
5796	490757.4	3859774.4	1.31E-02	1.31E-02	1.37E-02	4.53E-06	1.37E-05	7.92E-06	7.94E-06	7.20E-06	3.29E-06	3.42E-06	1.51E-07	3.65E-06	8.06E-07	1.08E-06	1.71E-06	3.01E-07	1.80E-06	9.50E-06
5797	491003.53	3859861.82	1.18E-02	1.19E-02	1.23E-02	4.10E-06	1.24E-05	7.16E-06	7.18E-06	6.51E-06	2.97E-06	3.09E-06	1.37E-07	3.30E-06	7.29E-07	9.75E-07	1.55E-06	2.73E-07	1.62E-06	8.59E-06
5798	491081.41	3859879.05	1.15E-02	1.15E-02	1.20E-02	3.98E-06	1.20E-05	6.96E-06	6.98E-06	6.33E-06	2.89E-06	3.00E-06	1.33E-07	3.21E-06	7.09E-07	9.48E-07	1.50E-06	2.65E-07	1.58E-06	8.35E-06
5799	491229.76	3859917.82	1.09E-02	1.09E-02	1.14E-02	3.77E-06	1.14E-05	6.59E-06	6.61E-06	6.00E-06	2.74E-06	2.84E-06	1.26E-07	3.04E-06	6.71E-07	8.98E-07	1.42E-06	2.51E-07	1.49E-06	7.91E-06
5800	491300.22	3859939.35	1.06E-02	1.06E-02	1.11E-02	3.68E-06	1.11E-05	6.42E-06	6.45E-06	5.84E-06	2.67E-06	2.77E-06	1.23E-07	2.96E-06	6.54E-07	8.75E-07	1.39E-06	2.45E-07	1.45E-06	7.70E-06
5801	491350.49	3860012.03	1.03E-02	1.03E-02	1.07E-02	3.57E-06	1.08E-05	6.24E-06	6.26E-06	5.67E-06	2.59E-06	2.69E-06	1.19E-07	2.88E-06	6.35E-07	8.49E-07	1.35E-06	2.37E-07	1.41E-06	7.48E-06
5802	491406.82	3860092.57	9.88E-03	9.91E-03	1.03E-02	3.42E-06	1.03E-05	5.98E-06	6.00E-06	5.44E-06	2.48E-06	2.58E-06	1.14E-07	2.76E-06	6.09E-07	8.15E-07	1.29E-06	2.28E-07	1.35E-06	7.17E-06
5803	491483.37	3860121.96	9.53E-03	9.56E-03	9.94E-03	3.30E-06	9.97E-06	5.77E-06	5.79E-06	5.25E-06	2.40E-06	2.49E-06	1.10E-07	2.66E-06	5.88E-07	7.86E-07	1.25E-06	2.20E-07	1.31E-06	6.92E-06
5804	491559.91	3860151.36	9.20E-03	9.23E-03	9.59E-03	3.19E-06	9.63E-06	5.57E-06	5.59E-06	5.07E-06	2.31E-06	2.40E-06	1.06E-07	2.57E-06	5.67E-07	7.59E-07	1.20E-06	2.12E-07	1.26E-06	6.68E-06
5805	491711.81	3860237.76	8.37E-03	8.40E-03	8.72E-03	2.90E-06	8.76E-06	5.07E-06	5.09E-06	4.61E-06	2.11E-06	2.19E-06	9.69E-08	2.34E-06	5.16E-07	6.91E-07	1.10E-06	1.93E-07	1.15E-06	6.08E-06
5806	491755.2	3860319.07	8.05E-03	8.08E-03	8.39E-03	2.79E-06	8.43E-06	4.88E-06	4.90E-06	4.44E-06	2.03E-06	2.10E-06	9.32E-08	2.25E-06	4.97E-07	6.65E-07	1.05E-06	1.86E-07	1.10E-06	5.85E-06
5807	491704.71	3860366.54	8.00E-03	8.03E-03	8.34E-03	2.77E-06	8.37E-06	4.85E-06	4.86E-06	4.41E-06	2.01E-06	2.09E-06	9.26E-08	2.24E-06	4.94E-07	6.60E-07	1.05E-06	1.85E-07	1.10E-06	5.81E-06
5808	491623.43	3860462.39	7.80E-03	7.83E-03	8.13E-03	2.70E-06	8.16E-06	4.72E-06	4.74E-06	4.30E-06	1.96E-06	2.04E-06	9.02E-08	2.18E-06	4.81E-07	6.44E-07	1.02E-06	1.80E-07	1.07E-06	5.66E-06
5809	491534.02	3860439.85	8.12E-03	8.15E-03	8.46E-03	2.81E-06	8.50E-06	4.92E-06	4.94E-06	4.47E-06	2.04E-06	2.12E-06	9.40E-08	2.27E-06	5.01E-07	6.70E-07	1.06E-06	1.87E-07	1.11E-06	5.90E-06
5810	491313.95	3860268.18	9.48E-03	9.51E-03	9.89E-03	3.28E-06	9.92E-06	5.74E-06	5.76E-06	5.22E-06	2.38E-06	2.48E-06	1.10E-07	2.65E-06	5.85E-07	7.82E-07	1.24E-06	2.19E-07	1.30E-06	6.88E-06
5811	491187.12	3860143.56	1.05E-02	1.05E-02	1.10E-02	3.64E-06	1.10E-05	6.36E-06	6.37E-06	5.78E-06	2.64E-06	2.75E-06	1.21E-07	2.93E-06	6.47E-07	8.66E-07	1.37E-06	2.42E-07	1.44E-06	7.62E-06
5812	491070.43	3860075.97	1.12E-02	1.12E-02	1.17E-02	3.89E-06	1.17E-05	6.79E-06	6.81E-06	6.17E-06	2.82E-06	2.93E-06	1.30E-07	3.13E-06	6.92E-07	9.25E-07	1.47E-06	2.59E-07	1.54E-06	8.15E-06
5813	490995.09	3860039.39	1.17E-02	1.17E-02	1.22E-02	4.04E-06	1.22E-05	7.06E-06	7.08E-06	6.42E-06	2.93E-06	3.05E-06	1.35E-07	3.26E-06	7.19E-07	9.61E-07	1.52E-06	2.69E-07	1.60E-06	8.47E-06
5814	490919.75	3860002.8	1.21E-02	1.21E-02	1.26E-02	4.19E-06	1.27E-05	7.33E-06	7.35E-06	6.66E-06	3.04E-06	3.17E-06	1.40E-07	3.38E-06	7.46E-07	9.98E-07	1.58E-06	2.79E-07	1.66E-06	8.79E-06
5815	490756.81	3859894.53	1.31E-02	1.31E-02	1.36E-02	4.53E-06	1.37E-05	7.91E-06	7.93E-06	7.19E-06	3.28E-06	3.42E-06	1.51E-07	3.65E-06	8.06E-07	1.08E-06	1.71E-06	3.01E-07	1.79E-06	9.49E-06
5816	490668.07	3859860.92	1.36E-02	1.36E-02	1.42E-02	4.72E-06	1.42E-05	8.24E-06	8.27E-06	7.49E-06	3.42E-06	3.56E-06	1.58E-07	3.80E-06	8.40E-07	1.12E-06	1.78E-06	3.14E-07	1.87E-06	9.89E-06
5817	490579.34	3859827.3	1.41E-02	1.42E-02	1.48E-02	4.90E-06	1.48E-05	8.56E-06	8.59E-06	7.78E-06	3.55E-06	3.70E-06	1.64E-07	3.95E-06	8.72E-07	1.17E-06	1.85E-06	3.26E-07	1.94E-06	1.03E-05
5818	490490.6	3859793.68	1.47E-02	1.48E-02	1.54E-02	5.10E-06	1.54E-05	8.92E-06	8.94E-06	8.10E-06	3.70E-06	3.86E-06	1.70E-07	4.11E-06	9.08E-07	1.21E-06	1.93E-06	3.39E-07	2.02E-06	1.07E-05
5819	490401.86	3859760.07	1.53E-02	1.54E-02	1.60E-02	5.31E-06	1.60E-05	9.28E-06	9.31E-06	8.44E-06	3.85E-06	4.02E-06	1.77E-07	4.28E-06	9.45E-07	1.26E-06	2.00E-06	3.53E-07	2.11E-06	1.11E-05
5820	490313.12	3859726.45	1.59E-02	1.60E-02	1.67E-02	5.52E-06	1.67E-05	9.65E-06	9.67E-06	8.77E-06	4.00E-06	4.17E-06	1.84E-07	4.45E-06	9.83E-07	1.31E-06	2.08E-06	3.67E-07	2.19E-06	1.16E-05
5821	490224.39	3859692.83	1.66E-02	1.66E-02	1.73E-02	5.74E-06	1.73E-05	1.00E-05	1.01E-05	9.12E-06	4.16E-06	4.34E-06	1.92E-07	4.63E-06	1.02E-06	1.37E-06	2.17E-06	3.82E-07	2.28E-06	1.20E-05
5822	490135.65	3859659.22	1.72E-02	1.72E-02	1.80E-02	5.95E-06	1.80E-05	1.04E-05	1.04E-05	9.45E-06	4.31E-06	4.50E-06	1.99E-07	4.80E-06	1.06E-06	1.42E-06	2.25E-06	3.96E-07	2.36E-06	1.25E-05
5823	489918.19	3859559.23	1.91E-02	1.91E-02	2.00E-02	6.61E-06	2.00E-05	1.16E-05	1.16E-05	1.05E-05	4.79E-06	5.00E-06	2.21E-07	5.33E-06	1.18E-06	1.57E-06	2.49E-06	4.40E-07	2.62E-06	1.39E-05

5824	489743.61	3859486	2.12E-02	2.12E-02	2.22E-02	7.35E-06	2.22E-05	1.28E-05	1.29E-05	1.17E-05	5.32E-06	5.56E-06	2.45E-07	5.93E-06	1.31E-06	1.75E-06	2.77E-06	4.89E-07	2.92E-06	1.54E-05
5825	489660.32	3859440.27	2.25E-02	2.26E-02	2.36E-02	7.81E-06	2.36E-05	1.37E-05	1.37E-05	1.24E-05	5.66E-06	5.91E-06	2.61E-07	6.30E-06	1.39E-06	1.86E-06	2.95E-06	5.19E-07	3.10E-06	1.64E-05
5826	489577.04	3859394.53	2.41E-02	2.41E-02	2.52E-02	8.34E-06	2.52E-05	1.46E-05	1.46E-05	1.32E-05	6.04E-06	6.31E-06	2.78E-07	6.73E-06	1.48E-06	1.98E-06	3.15E-06	5.54E-07	3.31E-06	1.75E-05
5827	489493.75	3859348.8	2.58E-02	2.59E-02	2.71E-02	8.95E-06	2.70E-05	1.57E-05	1.57E-05	1.42E-05	6.49E-06	6.78E-06	2.99E-07	7.22E-06	1.59E-06	2.13E-06	3.38E-06	5.95E-07	3.56E-06	1.88E-05
5828	489321.28	3859240.02	3.00E-02	3.00E-02	3.14E-02	1.04E-05	3.14E-05	1.82E-05	1.82E-05	1.65E-05	7.52E-06	7.87E-06	3.47E-07	8.38E-06	1.85E-06	2.47E-06	3.92E-06	6.91E-07	4.13E-06	2.18E-05
5829	489235.41	3859193.96	3.20E-02	3.21E-02	3.36E-02	1.11E-05	3.35E-05	1.94E-05	1.94E-05	1.76E-05	8.04E-06	8.41E-06	3.71E-07	8.95E-06	1.97E-06	2.64E-06	4.18E-06	7.38E-07	4.42E-06	2.33E-05
5830	489149.54	3859147.89	3.49E-02	3.49E-02	3.66E-02	1.21E-05	3.65E-05	2.11E-05	2.12E-05	1.92E-05	8.75E-06	9.17E-06	4.04E-07	9.75E-06	2.15E-06	2.87E-06	4.56E-06	8.03E-07	4.81E-06	2.53E-05
5831	489063.68	3859101.82	3.76E-02	3.77E-02	3.95E-02	1.30E-05	3.93E-05	2.28E-05	2.28E-05	2.07E-05	9.44E-06	9.89E-06	4.35E-07	1.05E-05	2.32E-06	3.10E-06	4.91E-06	8.66E-07	5.19E-06	2.73E-05
5832	488977.81	3859055.75	4.06E-02	4.07E-02	4.27E-02	1.41E-05	4.25E-05	2.46E-05	2.47E-05	2.24E-05	1.02E-05	1.07E-05	4.70E-07	1.14E-05	2.51E-06	3.35E-06	5.31E-06	9.36E-07	5.61E-06	2.95E-05
5833	488891.94	3859009.69	4.54E-02	4.55E-02	4.77E-02	1.57E-05	4.75E-05	2.75E-05	2.75E-05	2.50E-05	1.14E-05	1.19E-05	5.25E-07	1.27E-05	2.80E-06	3.74E-06	5.93E-06	1.05E-06	6.27E-06	3.30E-05
5834	488808	3859060.73	5.97E-02	5.97E-02	6.28E-02	2.07E-05	6.24E-05	3.61E-05	3.62E-05	3.28E-05	1.50E-05	1.57E-05	6.91E-07	1.67E-05	3.68E-06	4.91E-06	7.79E-06	1.37E-06	8.25E-06	4.34E-05
5835	488809.93	3859157.85	6.26E-02	6.27E-02	6.59E-02	2.17E-05	6.55E-05	3.79E-05	3.80E-05	3.44E-05	1.57E-05	1.65E-05	7.25E-07	1.75E-05	3.86E-06	5.15E-06	8.18E-06	1.44E-06	8.66E-06	4.55E-05
5836	488811.86	3859254.96	6.50E-02	6.51E-02	6.84E-02	2.25E-05	6.81E-05	3.94E-05	3.94E-05	3.57E-05	1.63E-05	1.72E-05	7.53E-07	1.82E-05	4.01E-06	5.35E-06	8.49E-06	1.50E-06	9.00E-06	4.73E-05
5837	488813.78	3859352.07	6.66E-02	6.66E-02	7.01E-02	2.31E-05	6.97E-05	4.03E-05	4.04E-05	3.66E-05	1.67E-05	1.76E-05	7.71E-07	1.86E-05	4.11E-06	5.48E-06	8.70E-06	1.53E-06	9.22E-06	4.84E-05
5838	488815.71	3859449.19	6.65E-02	6.65E-02	7.00E-02	2.30E-05	6.95E-05	4.03E-05	4.03E-05	3.65E-05	1.67E-05	1.75E-05	7.69E-07	1.86E-05	4.10E-06	5.47E-06	8.68E-06	1.53E-06	9.20E-06	4.83E-05
5839	488910.04	3859547.11	4.40E-02	4.41E-02	4.63E-02	1.53E-05	4.61E-05	2.67E-05	2.67E-05	2.42E-05	1.10E-05	1.16E-05	5.09E-07	1.23E-05	2.72E-06	3.62E-06	5.75E-06	1.01E-06	6.09E-06	3.20E-05
5840	489002.45	3859547.91	3.81E-02	3.81E-02	4.00E-02	1.32E-05	3.99E-05	2.31E-05	2.31E-05	2.09E-05	9.56E-06	1.00E-05	4.41E-07	1.06E-05	2.35E-06	3.14E-06	4.98E-06	8.77E-07	5.26E-06	2.77E-05
5841	489094.85	3859548.72	3.38E-02	3.38E-02	3.55E-02	1.17E-05	3.54E-05	2.05E-05	2.05E-05	1.86E-05	8.48E-06	8.89E-06	3.91E-07	9.45E-06	2.08E-06	2.78E-06	4.41E-06	7.78E-07	4.67E-06	2.46E-05
5842	489230.05	3859601.87	2.85E-02	2.85E-02	2.99E-02	9.88E-06	2.98E-05	1.73E-05	1.73E-05	1.57E-05	7.15E-06	7.49E-06	3.30E-07	7.97E-06	1.76E-06	2.35E-06	3.72E-06	6.56E-07	3.93E-06	2.07E-05
5843	489227.52	3859680.89	2.72E-02	2.72E-02	2.85E-02	9.43E-06	2.85E-05	1.65E-05	1.65E-05	1.50E-05	6.83E-06	7.15E-06	3.15E-07	7.60E-06	1.68E-06	2.24E-06	3.55E-06	6.26E-07	3.75E-06	1.98E-05
5844	489133.47	3859760.29	2.78E-02	2.78E-02	2.91E-02	9.63E-06	2.91E-05	1.68E-05	1.68E-05	1.53E-05	6.97E-06	7.30E-06	3.21E-07	7.76E-06	1.71E-06	2.29E-06	3.63E-06	6.40E-07	3.83E-06	2.02E-05
5845	489041.96	3859760.67	2.93E-02	2.94E-02	3.08E-02	1.02E-05	3.07E-05	1.78E-05	1.78E-05	1.61E-05	7.36E-06	7.71E-06	3.39E-07	8.20E-06	1.81E-06	2.42E-06	3.83E-06	6.75E-07	4.05E-06	2.13E-05
5846	488950.45	3859761.05	3.11E-02	3.12E-02	3.27E-02	1.08E-05	3.26E-05	1.89E-05	1.89E-05	1.71E-05	7.81E-06	8.19E-06	3.60E-07	8.71E-06	1.92E-06	2.57E-06	4.07E-06	7.17E-07	4.30E-06	2.26E-05
5847	488858.94	3859761.43	3.33E-02	3.34E-02	3.50E-02	1.15E-05	3.49E-05	2.02E-05	2.02E-05	1.83E-05	8.36E-06	8.76E-06	3.86E-07	9.31E-06	2.06E-06	2.74E-06	4.35E-06	7.67E-07	4.60E-06	2.42E-05
5848	488767.43	3859761.82	3.63E-02	3.63E-02	3.81E-02	1.26E-05	3.79E-05	2.20E-05	2.20E-05	1.99E-05	9.09E-06	9.54E-06	4.20E-07	1.01E-05	2.24E-06	2.99E-06	4.74E-06	8.35E-07	5.01E-06	2.64E-05
5849	488675.92	3859762.2	4.03E-02	4.03E-02	4.23E-02	1.40E-05	4.21E-05	2.44E-05	2.44E-05	2.21E-05	1.01E-05	1.06E-05	4.66E-07	1.13E-05	2.48E-06	3.32E-06	5.26E-06	9.27E-07	5.56E-06	2.93E-05
5850	488584.41	3859762.58	4.62E-02	4.62E-02	4.85E-02	1.60E-05	4.83E-05	2.80E-05	2.80E-05	2.54E-05	1.16E-05	1.21E-05	5.34E-07	1.29E-05	2.85E-06	3.80E-06	6.03E-06	1.06E-06	6.37E-06	3.35E-05
5851	488492.9	3859762.96	5.53E-02	5.54E-02	5.81E-02	1.92E-05	5.79E-05	3.35E-05	3.35E-05	3.04E-05	1.39E-05	1.46E-05	6.40E-07	1.55E-05	3.41E-06	4.55E-06	7.22E-06	1.27E-06	7.64E-06	4.02E-05
5852	488402.76	3859830.95	7.13E-02	7.13E-02	7.51E-02	2.47E-05	7.46E-05	4.32E-05	4.32E-05	3.92E-05	1.79E-05	1.88E-05	8.25E-07	1.99E-05	4.40E-06	5.87E-06	9.31E-06	1.64E-06	9.87E-06	5.18E-05
5853	488404.14	3859898.55	7.10E-02	7.10E-02	7.48E-02	2.46E-05	7.43E-05	4.30E-05	4.30E-05	3.90E-05	1.78E-05	1.87E-05	8.22E-07	1.98E-05	4.38E-06	5.84E-06	9.27E-06	1.63E-06	9.84E-06	5.16E-05
5854	488505.18	3859964.96	5.99E-02	5.99E-02	6.31E-02	2.08E-05	6.27E-05	3.63E-05	3.63E-05	3.29E-05	1.50E-05	1.58E-05	6.93E-07	1.67E-05	3.69E-06	4.93E-06	7.82E-06	1.38E-06	8.29E-06	4.35E-05
5855	488604.85	3859963.76	5.38E-02	5.39E-02	5.67E-02	1.87E-05	5.63E-05	3.26E-05	3.26E-05	2.96E-05	1.35E-05	1.42E-05	6.23E-07	1.51E-05	3.32E-06	4.43E-06	7.03E-06	1.24E-06	7.45E-06	3.92E-05
5856	488704.51	3859962.56	4.89E-02	4.90E-02	5.15E-02	1.70E-05	5.12E-05	2.96E-05	2.97E-05	2.69E-05	1.23E-05	1.29E-05	5.66E-07	1.37E-05	3.02E-06	4.03E-06	6.39E-06	1.13E-06	6.77E-06	3.56E-05
5857	488804.18	3859961.37	4.35E-02	4.35E-02	4.57E-02	1.51E-05	4.55E-05	2.63E-05	2.64E-05	2.39E-05	1.09E-05	1.15E-05	5.03E-07	1.22E-05	2.68E-06	3.58E-06	5.68E-06	1.00E-06	6.01E-06	3.16E-05
5858	488903.85	3859960.17	3.79E-02	3.80E-02	3.99E-02	1.31E-05	3.97E-05	2.30E-05	2.30E-05	2.08E-05	9.51E-06	9.99E-06	4.39E-07	1.06E-05	2.34E-06	3.12E-06	4.95E-06	8.73E-07	5.24E-06	2.76E-05
5859	489003.52	3859958.97	3.38E-02	3.38E-02	3.55E-02	1.17E-05	3.53E-05	2.05E-05	2.05E-05	1.86E-05	8.47E-06	8.89E-06	3.91E-07	9.44E-06	2.08E-06	2.78E-06	4.41E-06	7.77E-07	4.67E-06	2.45E-05
5860	489103.18	3859957.77	3.07E-02	3.07E-02	3.22E-02	1.06E-05	3.21E-05	1.86E-05	1.86E-05	1.69E-05	7.69E-06	8.07E-06	3.55E-07	8.57E-06	1.89E-06	2.52E-06	4.00E-06	7.06E-07	4.24E-06	2.23E-05
5861	489201.48	3860046.59	2.99E-02	3.00E-02	3.15E-02	1.04E-05	3.13E-05	1.81E-05	1.82E-05	1.65E-05	7.51E-06	7.88E-06	3.46E-07	8.37E-06	1.85E-06	2.46E-06	3.91E-06	6.89E-07	4.14E-06	2.18E-05
5862	489200.11	3860136.61	3.21E-02	3.21E-02	3.37E-02	1.11E-05	3.36E-05	1.94E-05	1.94E-05	1.76E-05	8.04E-06	8.45E-06	3.71E-07	8.96E-06	1.98E-06	2.64E-06	4.19E-06	7.38E-07	4.43E-06	2.33E-05
5863	489198.74	3860226.63	3.82E-02	3.82E-02	4.02E-02	1.32E-05	3.99E-05	2.31E-05	2.31E-05	2.10E-05	9.57E-06	1.01E-05	4.42E-07	1.07E-05	2.35E-06	3.14E-06	4.98E-06	8.78E-07	5.28E-06	2.77E-05
5864	489197.38	3860316.66	5.58E-02	5.59E-02	5.88E-02	1.94E-05	5.84E-05	3.38E-05	3.38E-05	3.07E-05	1.40E-05	1.47E-05	6.46E-07	1.56E-05	3.44E-06	4.60E-06	7.29E-06	1.28E-06	7.74E-06	4.06E-05
5865	489196.01	3860406.68	5.83E-02	5.83E-02	6.14E-02	2.02E-05	6.10E-05	3.53E-05	3.53E-05	3.20E-05	1.46E-05	1.54E-05	6.75E-07	1.63E-05	3.60E-06	4.80E-06	7.61E-06	1.34E-06	8.08E-06	4.24E-05
5866	489194.64	3860496.7	5.33E-02	5.33E-02	5.61E-02	1.85E-05	5.58E-05	3.23E-05	3.23E-05	2.93E-05	1.34E-05	1.41E-05	6.17E-07	1.49E-05	3.29E-06	4.38E-06	6.95E-06	1.23E-06	7.38E-06	3.87E-05
5867	489193.27	3860586.72	3.48E-02	3.48E-02	3.67E-02	1.21E-05	3.64E-05	2.11E-05	2.11E-05	1.91E-05	8.73E-06	9.18E-06	4.03E-07	9.73E-06	2.15E-06	2.87E-06	4.55E-06	8.01E-07	4.82E-06	2.53E-05
5868	489092.02	3860678.13	2.03E-02	2.04E-02	2.14E-02	7.05E-06	2.13E-05	1.23E-05	1.23E-05	1.12E-05	5.10E-06	5.36E-06	2.35E-07	5.69E-06	1.25E-06	1.67E-06	2.66E-06	4.68E-07	2.81E-06	1.48E-05
5869	488992.13	3860679.53	2.07E-02	2.07E-02	2.17E-02	7.17E-06	2.16E-05	1.25E-05	1.25E-05	1.14E-05	5.19E-06	5.45E-06	2.39E-07	5.78E-06	1.28E-06	1.70E-06	2.70E-06	4.76E-07	2.86E-06	1.50E-05
5870	488892.25	3860680.92	2.08E-02	2.08E-02	2.19E-02	7.21E-06	2.18E-05	1.26E-05	1.26E-05	1.14E-05	5.22E-06	5.48E-06	2.41E-07	5.81E-06	1.28E-06	1.71E-06	2.72E-06	4.79E-07	2.87E-06	1.51E-05
5871	488792.36	3860682.31	2.06E-02	2.06E-02	2.16E-02	7.13E-06	2.15E-05	1.25E-05	1.25E-05	1.13E-05	5.16E-06	5.42E-06	2.38E-07	5.75E-06	1.27E-06	1.70E-06	2.69E-06	4.74E-07	2.85E-06	1.50E-05
5872	488692.48	3860683.7	2.03E-02	2.04E-02	2.14E-02	7.05E-06	2.13E-05	1.23E-05	1.23E-05	1.12E-05	5.10E-06	5.36E-06	2.35E-07	5.68E-06	1.25E-06	1.67E-06	2.66E-06	4.68E-07	2.81E-06	1.48E-05
5873	488592.59	3860685.1	1.96E-02	1.97E-02	2.06E-02	6.80E-06	2.05E-05	1.19E-05	1.19E-05	1.08E-05	4.93E-06	5.17E-06	2.27E-07	5.49E-06	1.21E-06	1.62E-06	2.56E-06	4.52E-07	2.71E-06	1.43E-05
5874	488492.71	3860686.49	1.94E-02	1.94E-02	2.04E-02	6.72E-06	2.03E-05	1.17E-05	1.18E-05	1.07E-05	4.86E-06	5.11E-06	2.24E-07	5.42E-06	1.20E-06	1.60E-06	2.53E-06	4.46E-07	2.68E-06	1.41E-05
5875	488299.07	3860762.18	1.36E-02	1.37E-02	1.43E-02	4.73E-06	1.43E-05	8.26E-06	8.28E-06	7.50E-06	3.42E-06	3.58E-06	1.58E-07	3.81E-06	8.41E-07	1.12E-06	1.78E-06	3.14E-07	1.88E-06	9.91E-06
5876	488205.32	3860764.09	1.29E-02	1.30E-02	1.36E-02	4.49E-06	1.36E-05	7.84E-06	7.86E-06	7.12E-06	3.25E-06	3.40E-06	1.50E-07	3.62E-06	7.99E-07	1.07E-06	1.69E-06	2.98E-07	1.79E-06	9.41E-06

5877	488111.56	3860766	1.21E-02	1.21E-02	1.26E-02	4.18E-06	1.26E-05	7.30E-06	7.32E-06	6.63E-06	3.03E-06	3.17E-06	1.40E-07	3.37E-06	7.44E-07	9.94E-07	1.58E-06	2.78E-07	1.66E-06	8.76E-06
5878	488017.81	3860767.91	1.11E-02	1.11E-02	1.16E-02	3.85E-06	1.16E-05	6.73E-06	6.75E-06	6.12E-06	2.79E-06	2.92E-06	1.29E-07	3.11E-06	6.86E-07	9.16E-07	1.45E-06	2.56E-07	1.53E-06	8.08E-06
5879	487924.06	3860769.81	1.03E-02	1.03E-02	1.08E-02	3.57E-06	1.08E-05	6.24E-06	6.25E-06	5.67E-06	2.59E-06	2.70E-06	1.19E-07	2.88E-06	6.35E-07	8.49E-07	1.35E-06	2.37E-07	1.42E-06	7.49E-06
5880	487830.31	3860771.72	9.61E-03	9.63E-03	1.01E-02	3.33E-06	1.01E-05	5.82E-06	5.83E-06	5.29E-06	2.41E-06	2.52E-06	1.11E-07	2.69E-06	5.93E-07	7.92E-07	1.26E-06	2.21E-07	1.32E-06	6.98E-06
5881	487736.55	3860773.63	9.03E-03	9.06E-03	9.45E-03	3.13E-06	9.45E-06	5.47E-06	5.49E-06	4.97E-06	2.27E-06	2.37E-06	1.05E-07	2.53E-06	5.57E-07	7.45E-07	1.18E-06	2.08E-07	1.24E-06	6.57E-06
5882	487642.8	3860775.54	8.55E-03	8.57E-03	8.94E-03	2.96E-06	8.95E-06	5.18E-06	5.19E-06	4.71E-06	2.15E-06	2.24E-06	9.89E-08	2.39E-06	5.27E-07	7.05E-07	1.12E-06	1.97E-07	1.18E-06	6.21E-06
5883	487549.48	3860684.71	9.33E-03	9.35E-03	9.76E-03	3.23E-06	9.76E-06	5.65E-06	5.67E-06	5.14E-06	2.34E-06	2.45E-06	1.08E-07	2.61E-06	5.75E-07	7.69E-07	1.22E-06	2.15E-07	1.28E-06	6.78E-06
5884	487549.91	3860591.97	1.08E-02	1.09E-02	1.14E-02	3.76E-06	1.14E-05	6.57E-06	6.59E-06	5.97E-06	2.72E-06	2.85E-06	1.26E-07	3.03E-06	6.69E-07	8.94E-07	1.42E-06	2.50E-07	1.49E-06	7.88E-06
5885	487550.34	3860499.23	1.26E-02	1.27E-02	1.32E-02	4.38E-06	1.32E-05	7.65E-06	7.66E-06	6.95E-06	3.17E-06	3.32E-06	1.46E-07	3.53E-06	7.79E-07	1.04E-06	1.65E-06	2.91E-07	1.74E-06	9.18E-06
5886	487550.76	3860406.49	1.41E-02	1.41E-02	1.48E-02	4.89E-06	1.48E-05	8.55E-06	8.57E-06	7.77E-06	3.54E-06	3.71E-06	1.63E-07	3.95E-06	8.71E-07	1.16E-06	1.85E-06	3.25E-07	1.95E-06	1.03E-05
5887	487551.19	3860313.75	1.52E-02	1.52E-02	1.59E-02	5.25E-06	1.59E-05	9.18E-06	9.20E-06	8.34E-06	3.81E-06	3.98E-06	1.75E-07	4.24E-06	9.35E-07	1.25E-06	1.98E-06	3.49E-07	2.09E-06	1.10E-05
5888	487551.62	3860221.01	1.61E-02	1.61E-02	1.69E-02	5.58E-06	1.68E-05	9.75E-06	9.77E-06	8.86E-06	4.04E-06	4.23E-06	1.86E-07	4.50E-06	9.93E-07	1.33E-06	2.10E-06	3.71E-07	2.22E-06	1.17E-05
5889	487552.05	3860128.27	1.73E-02	1.73E-02	1.81E-02	5.98E-06	1.81E-05	1.05E-05	1.05E-05	9.49E-06	4.33E-06	4.54E-06	2.00E-07	4.82E-06	1.06E-06	1.42E-06	2.26E-06	3.98E-07	2.38E-06	1.25E-05
5890	487552.48	3860035.53	1.83E-02	1.83E-02	1.92E-02	6.35E-06	1.92E-05	1.11E-05	1.11E-05	1.01E-05	4.60E-06	4.81E-06	2.12E-07	5.12E-06	1.13E-06	1.51E-06	2.39E-06	4.22E-07	2.53E-06	1.33E-05
5891	487552.91	3859942.79	1.90E-02	1.91E-02	2.00E-02	6.59E-06	1.99E-05	1.15E-05	1.15E-05	1.05E-05	4.77E-06	5.00E-06	2.20E-07	5.32E-06	1.17E-06	1.57E-06	2.49E-06	4.38E-07	2.62E-06	1.38E-05
5892	487553.33	3859850.05	2.04E-02	2.05E-02	2.15E-02	7.09E-06	2.14E-05	1.24E-05	1.24E-05	1.12E-05	5.13E-06	5.38E-06	2.37E-07	5.71E-06	1.26E-06	1.68E-06	2.67E-06	4.71E-07	2.82E-06	1.49E-05
5893	487553.76	3859757.31	2.21E-02	2.21E-02	2.32E-02	7.66E-06	2.31E-05	1.34E-05	1.34E-05	1.22E-05	5.55E-06	5.82E-06	2.56E-07	6.18E-06	1.36E-06	1.82E-06	2.89E-06	5.09E-07	3.05E-06	1.61E-05
5894	487554.19	3859664.57	2.50E-02	2.50E-02	2.62E-02	8.66E-06	2.62E-05	1.51E-05	1.52E-05	1.37E-05	6.27E-06	6.58E-06	2.89E-07	6.99E-06	1.54E-06	2.06E-06	3.27E-06	5.76E-07	3.45E-06	1.82E-05
5895	487460.2	3859571.05	2.86E-02	2.87E-02	3.01E-02	9.92E-06	3.00E-05	1.73E-05	1.74E-05	1.57E-05	7.18E-06	7.54E-06	3.31E-07	8.00E-06	1.77E-06	2.36E-06	3.74E-06	6.59E-07	3.96E-06	2.08E-05
5896	487365.78	3859570.27	2.65E-02	2.65E-02	2.78E-02	9.18E-06	2.77E-05	1.61E-05	1.61E-05	1.46E-05	6.65E-06	6.97E-06	3.07E-07	7.41E-06	1.63E-06	2.18E-06	3.46E-06	6.10E-07	3.66E-06	1.93E-05
5897	487271.36	3859569.48	2.46E-02	2.47E-02	2.59E-02	8.53E-06	2.58E-05	1.49E-05	1.49E-05	1.35E-05	6.18E-06	6.48E-06	2.85E-07	6.88E-06	1.52E-06	2.03E-06	3.22E-06	5.67E-07	3.40E-06	1.79E-05
5898	487176.94	3859568.7	2.27E-02	2.28E-02	2.38E-02	7.87E-06	2.38E-05	1.38E-05	1.38E-05	1.25E-05	5.70E-06	5.97E-06	2.63E-07	6.35E-06	1.40E-06	1.87E-06	2.97E-06	5.23E-07	3.13E-06	1.65E-05
5899	487082.51	3859567.92	2.09E-02	2.09E-02	2.19E-02	7.23E-06	2.18E-05	1.26E-05	1.27E-05	1.15E-05	5.24E-06	5.48E-06	2.41E-07	5.83E-06	1.29E-06	1.72E-06	2.73E-06	4.81E-07	2.88E-06	1.52E-05
5900	486988.09	3859567.14	1.90E-02	1.90E-02	1.99E-02	6.58E-06	1.99E-05	1.15E-05	1.15E-05	1.05E-05	4.77E-06	4.99E-06	2.20E-07	5.31E-06	1.17E-06	1.57E-06	2.48E-06	4.38E-07	2.62E-06	1.38E-05
5901	486893.67	3859566.36	1.72E-02	1.73E-02	1.81E-02	5.97E-06	1.80E-05	1.04E-05	1.05E-05	9.48E-06	4.33E-06	4.52E-06	1.99E-07	4.82E-06	1.06E-06	1.42E-06	2.25E-06	3.97E-07	2.37E-06	1.25E-05
5902	486799.25	3859565.58	1.56E-02	1.57E-02	1.63E-02	5.41E-06	1.63E-05	9.46E-06	9.48E-06	8.59E-06	3.92E-06	4.09E-06	1.81E-07	4.36E-06	9.63E-07	1.29E-06	2.04E-06	3.60E-07	2.15E-06	1.13E-05
5903	486704.83	3859564.79	1.42E-02	1.42E-02	1.48E-02	4.92E-06	1.48E-05	8.59E-06	8.61E-06	7.81E-06	3.56E-06	3.72E-06	1.64E-07	3.96E-06	8.75E-07	1.17E-06	1.86E-06	3.27E-07	1.95E-06	1.03E-05
5904	486610.41	3859564.01	1.29E-02	1.30E-02	1.35E-02	4.48E-06	1.35E-05	7.83E-06	7.85E-06	7.12E-06	3.25E-06	3.38E-06	1.50E-07	3.61E-06	7.97E-07	1.07E-06	1.69E-06	2.98E-07	1.78E-06	9.39E-06
5905	486515.99	3859563.23	1.18E-02	1.18E-02	1.23E-02	4.09E-06	1.23E-05	7.15E-06	7.17E-06	6.50E-06	2.97E-06	3.09E-06	1.37E-07	3.30E-06	7.28E-07	9.74E-07	1.54E-06	2.72E-07	1.62E-06	8.57E-06
5906	486421.57	3859562.45	1.09E-02	1.09E-02	1.13E-02	3.77E-06	1.14E-05	6.58E-06	6.61E-06	5.99E-06	2.73E-06	2.84E-06	1.26E-07	3.04E-06	6.70E-07	8.97E-07	1.42E-06	2.51E-07	1.49E-06	7.90E-06
5907	486327.14	3859561.67	1.01E-02	1.01E-02	1.05E-02	3.50E-06	1.06E-05	6.12E-06	6.14E-06	5.57E-06	2.54E-06	2.63E-06	1.17E-07	2.82E-06	6.23E-07	8.34E-07	1.32E-06	2.33E-07	1.38E-06	7.33E-06
5908	486232.72	3859560.89	9.39E-03	9.43E-03	9.77E-03	3.26E-06	9.83E-06	5.69E-06	5.71E-06	5.18E-06	2.36E-06	2.45E-06	1.09E-07	2.63E-06	5.79E-07	7.76E-07	1.23E-06	2.17E-07	1.28E-06	6.82E-06
5909	486138.3	3859560.1	8.77E-03	8.81E-03	9.12E-03	3.04E-06	9.18E-06	5.32E-06	5.34E-06	4.84E-06	2.21E-06	2.28E-06	1.02E-07	2.45E-06	5.41E-07	7.25E-07	1.15E-06	2.03E-07	1.20E-06	6.37E-06
5910	486043.88	3859559.32	8.21E-03	8.24E-03	8.52E-03	2.84E-06	8.59E-06	4.97E-06	4.99E-06	4.53E-06	2.07E-06	2.13E-06	9.50E-08	2.29E-06	5.06E-07	6.78E-07	1.08E-06	1.90E-07	1.12E-06	5.96E-06
5911	485949.35	3859463.54	8.25E-03	8.29E-03	8.56E-03	2.86E-06	8.63E-06	5.00E-06	5.02E-06	4.55E-06	2.08E-06	2.14E-06	9.55E-08	2.31E-06	5.09E-07	6.82E-07	1.08E-06	1.91E-07	1.13E-06	5.99E-06
5912	485949.24	3859368.55	8.89E-03	8.93E-03	9.22E-03	3.08E-06	9.30E-06	5.38E-06	5.41E-06	4.90E-06	2.24E-06	2.31E-06	1.03E-07	2.48E-06	5.48E-07	7.34E-07	1.17E-06	2.05E-07	1.21E-06	6.45E-06
5913	485949.12	3859273.55	9.61E-03	9.65E-03	9.97E-03	3.33E-06	1.01E-05	5.82E-06	5.85E-06	5.30E-06	2.42E-06	2.50E-06	1.11E-07	2.69E-06	5.93E-07	7.94E-07	1.26E-06	2.22E-07	1.31E-06	6.98E-06
5914	485949.01	3859178.56	1.04E-02	1.04E-02	1.08E-02	3.60E-06	1.09E-05	6.30E-06	6.33E-06	5.73E-06	2.62E-06	2.70E-06	1.20E-07	2.91E-06	6.41E-07	8.59E-07	1.36E-06	2.40E-07	1.42E-06	7.55E-06
5915	485948.9	3859083.56	1.12E-02	1.13E-02	1.17E-02	3.89E-06	1.18E-05	6.81E-06	6.84E-06	6.20E-06	2.83E-06	2.92E-06	1.30E-07	3.14E-06	6.93E-07	9.28E-07	1.47E-06	2.60E-07	1.53E-06	8.16E-06
5916	485948.79	3858988.56	1.20E-02	1.21E-02	1.25E-02	4.16E-06	1.26E-05	7.27E-06	7.30E-06	6.62E-06	3.02E-06	3.12E-06	1.39E-07	3.35E-06	7.40E-07	9.91E-07	1.57E-06	2.77E-07	1.64E-06	8.71E-06
5917	485948.67	3858893.57	1.26E-02	1.27E-02	1.31E-02	4.37E-06	1.32E-05	7.63E-06	7.67E-06	6.95E-06	3.17E-06	3.28E-06	1.46E-07	3.52E-06	7.77E-07	1.04E-06	1.65E-06	2.91E-07	1.72E-06	9.15E-06
5918	485948.56	3858798.57	1.30E-02	1.30E-02	1.35E-02	4.50E-06	1.36E-05	7.86E-06	7.90E-06	7.16E-06	3.27E-06	3.37E-06	1.50E-07	3.63E-06	8.00E-07	1.07E-06	1.70E-06	3.00E-07	1.77E-06	9.42E-06
5919	485948.45	3858703.58	1.32E-02	1.33E-02	1.37E-02	4.58E-06	1.38E-05	8.01E-06	8.05E-06	7.29E-06	3.33E-06	3.44E-06	1.53E-07	3.69E-06	8.15E-07	1.09E-06	1.73E-06	3.05E-07	1.80E-06	9.60E-06
5920	485948.34	3858608.58	1.35E-02	1.35E-02	1.40E-02	4.67E-06	1.41E-05	8.16E-06	8.20E-06	7.44E-06	3.39E-06	3.50E-06	1.56E-07	3.77E-06	8.31E-07	1.11E-06	1.77E-06	3.11E-07	1.84E-06	9.78E-06
5921	485948.22	3858513.59	1.38E-02	1.38E-02	1.43E-02	4.77E-06	1.44E-05	8.34E-06	8.39E-06	7.60E-06	3.47E-06	3.57E-06	1.59E-07	3.85E-06	8.50E-07	1.14E-06	1.81E-06	3.18E-07	1.88E-06	1.00E-05
5922	485948.11	3858418.59	1.42E-02	1.43E-02	1.47E-02	4.91E-06	1.48E-05	8.59E-06	8.64E-06	7.83E-06	3.57E-06	3.68E-06	1.64E-07	3.96E-06	8.74E-07	1.17E-06	1.86E-06	3.28E-07	1.93E-06	1.03E-05
5923	485948	3858323.59	1.47E-02	1.48E-02	1.52E-02	5.08E-06	1.54E-05	8.89E-06	8.94E-06	8.10E-06	3.70E-06	3.80E-06	1.70E-07	4.10E-06	9.05E-07	1.21E-06	1.93E-06	3.39E-07	1.99E-06	1.06E-05
5924	485947.89	3858228.6	1.52E-02	1.53E-02	1.57E-02	5.27E-06	1.59E-05	9.21E-06	9.27E-06	8.40E-06	3.83E-06	3.94E-06	1.76E-07	4.25E-06	9.38E-07	1.26E-06	2.00E-06	3.52E-07	2.07E-06	1.10E-05
5925	485947.77	3858133.6	1.57E-02	1.58E-02	1.62E-02	5.45E-06	1.65E-05	9.53E-06	9.60E-06	8.70E-06	3.97E-06	4.07E-06	1.82E-07	4.40E-06	9.71E-07	1.30E-06	2.07E-06	3.64E-07	2.14E-06	1.14E-05
5926	485947.66	3858038.61	1.64E-02	1.65E-02	1.69E-02	5.68E-06	1.71E-05	9.92E-06	9.99E-06	9.06E-06	4.13E-06	4.23E-06	1.90E-07	4.58E-06	1.01E-06	1.36E-06	2.15E-06	3.79E-07	2.22E-06	1.19E-05
5927	485854.54	3857943.35	1.60E-02	1.61E-02	1.64E-02	5.54E-06	1.67E-05	9.68E-06	9.75E-06	8.84E-06	4.03E-06	4.12E-06	1.85E-07	4.47E-06	9.86E-07	1.32E-06	2.10E-06	3.70E-07	2.16E-06	1.16E-05
5928	485761.52	3857943.09	1.46E-02	1.47E-02	1.50E-02	5.05E-06	1.53E-05	8.83E-06	8.90E-06	8.07E-06	3.68E-06	3.75E-06	1.69E-07	4.08E-06	8.99E-07	1.21E-06	1.92E-06	3.38E-07	1.97E-06	1.06E-05
5929	485668.51	3857942.83	1.35E-02	1.36E-02	1.38E-02	4.68E-06	1.41E-05	8.18E-06	8.24E-06	7.47E-06	3.41E-06	3.47E-06	1.56E-07	3.77E-06	8.32E-07	1.12E-06	1.78E-06	3.13E-07	1.82E-06	9.79E-06

5930	485575.5	3857942.56	1.26E-02	1.27E-02	1.29E-02	4.38E-06	1.32E-05	7.66E-06	7.72E-06	7.00E-06	3.19E-06	3.24E-06	1.46E-07	3.53E-06	7.80E-07	1.05E-06	1.66E-06	2.93E-07	1.70E-06	9.16E-06
5931	485482.48	3857942.3	1.19E-02	1.20E-02	1.22E-02	4.13E-06	1.25E-05	7.21E-06	7.28E-06	6.60E-06	3.01E-06	3.05E-06	1.38E-07	3.33E-06	7.34E-07	9.88E-07	1.57E-06	2.76E-07	1.60E-06	8.63E-06
5932	485389.47	3857942.04	1.13E-02	1.14E-02	1.15E-02	3.91E-06	1.18E-05	6.83E-06	6.90E-06	6.25E-06	2.85E-06	2.89E-06	1.31E-07	3.15E-06	6.96E-07	9.37E-07	1.49E-06	2.62E-07	1.51E-06	8.18E-06
5933	485296.46	3857941.78	1.07E-02	1.08E-02	1.09E-02	3.72E-06	1.12E-05	6.50E-06	6.56E-06	5.95E-06	2.71E-06	2.74E-06	1.24E-07	3.00E-06	6.62E-07	8.91E-07	1.41E-06	2.49E-07	1.44E-06	7.78E-06
5934	485203.45	3857941.52	1.02E-02	1.03E-02	1.04E-02	3.55E-06	1.07E-05	6.20E-06	6.26E-06	5.68E-06	2.59E-06	2.61E-06	1.18E-07	2.86E-06	6.31E-07	8.50E-07	1.35E-06	2.38E-07	1.37E-06	7.42E-06
5935	485110.43	3857941.26	9.81E-03	9.91E-03	9.99E-03	3.40E-06	1.03E-05	5.94E-06	6.00E-06	5.44E-06	2.48E-06	2.50E-06	1.13E-07	2.74E-06	6.05E-07	8.15E-07	1.29E-06	2.28E-07	1.31E-06	7.11E-06
5936	485017.42	3857940.99	9.42E-03	9.52E-03	9.58E-03	3.26E-06	9.86E-06	5.71E-06	5.77E-06	5.23E-06	2.38E-06	2.40E-06	1.09E-07	2.63E-06	5.81E-07	7.83E-07	1.24E-06	2.19E-07	1.26E-06	6.83E-06
5937	484924.41	3857940.73	9.05E-03	9.15E-03	9.20E-03	3.14E-06	9.47E-06	5.48E-06	5.54E-06	5.02E-06	2.29E-06	2.31E-06	1.05E-07	2.53E-06	5.58E-07	7.52E-07	1.19E-06	2.10E-07	1.21E-06	6.56E-06
5938	484831.39	3857940.47	8.70E-03	8.79E-03	8.84E-03	3.01E-06	9.10E-06	5.27E-06	5.33E-06	4.83E-06	2.20E-06	2.21E-06	1.01E-07	2.43E-06	5.36E-07	7.23E-07	1.15E-06	2.02E-07	1.16E-06	6.30E-06
5939	484738.12	3857859.3	9.07E-03	9.17E-03	9.22E-03	3.14E-06	9.49E-06	5.49E-06	5.55E-06	5.03E-06	2.30E-06	2.31E-06	1.05E-07	2.53E-06	5.59E-07	7.54E-07	1.20E-06	2.11E-07	1.21E-06	6.57E-06
5940	484737.85	3857778.4	9.96E-03	1.01E-02	1.01E-02	3.45E-06	1.04E-05	6.03E-06	6.10E-06	5.53E-06	2.52E-06	2.54E-06	1.15E-07	2.78E-06	6.14E-07	8.28E-07	1.31E-06	2.31E-07	1.33E-06	7.22E-06
5941	484737.59	3857697.49	1.11E-02	1.12E-02	1.13E-02	3.85E-06	1.16E-05	6.74E-06	6.80E-06	6.17E-06	2.81E-06	2.84E-06	1.29E-07	3.11E-06	6.86E-07	9.24E-07	1.47E-06	2.58E-07	1.49E-06	8.06E-06
5942	484737.32	3857616.59	1.27E-02	1.28E-02	1.30E-02	4.40E-06	1.33E-05	7.70E-06	7.77E-06	7.04E-06	3.21E-06	3.26E-06	1.47E-07	3.55E-06	7.84E-07	1.05E-06	1.67E-06	2.95E-07	1.71E-06	9.21E-06
5943	484645.53	3857535.18	1.40E-02	1.41E-02	1.43E-02	4.84E-06	1.46E-05	8.46E-06	8.53E-06	7.73E-06	3.53E-06	3.59E-06	1.62E-07	3.90E-06	8.61E-07	1.16E-06	1.84E-06	3.24E-07	1.88E-06	1.01E-05
5944	484553.99	3857534.67	1.31E-02	1.32E-02	1.34E-02	4.55E-06	1.37E-05	7.95E-06	8.01E-06	7.26E-06	3.31E-06	3.37E-06	1.52E-07	3.67E-06	8.09E-07	1.09E-06	1.73E-06	3.04E-07	1.77E-06	9.51E-06
5945	484462.46	3857534.17	1.24E-02	1.25E-02	1.27E-02	4.29E-06	1.29E-05	7.49E-06	7.56E-06	6.85E-06	3.13E-06	3.17E-06	1.43E-07	3.46E-06	7.63E-07	1.03E-06	1.63E-06	2.87E-07	1.67E-06	8.97E-06
5946	484370.93	3857533.66	1.17E-02	1.18E-02	1.20E-02	4.06E-06	1.22E-05	7.09E-06	7.15E-06	6.49E-06	2.96E-06	3.00E-06	1.35E-07	3.27E-06	7.22E-07	9.71E-07	1.54E-06	2.72E-07	1.57E-06	8.49E-06
5947	484279.4	3857533.16	1.11E-02	1.12E-02	1.13E-02	3.84E-06	1.16E-05	6.71E-06	6.77E-06	6.14E-06	2.80E-06	2.84E-06	1.28E-07	3.09E-06	6.83E-07	9.19E-07	1.46E-06	2.57E-07	1.49E-06	8.03E-06
5948	484187.86	3857532.65	1.05E-02	1.06E-02	1.07E-02	3.64E-06	1.10E-05	6.36E-06	6.42E-06	5.82E-06	2.65E-06	2.69E-06	1.21E-07	2.93E-06	6.47E-07	8.71E-07	1.38E-06	2.44E-07	1.41E-06	7.61E-06
5949	484096.33	3857532.15	9.86E-03	9.96E-03	1.01E-02	3.42E-06	1.03E-05	5.97E-06	6.03E-06	5.47E-06	2.49E-06	2.52E-06	1.14E-07	2.76E-06	6.08E-07	8.19E-07	1.30E-06	2.29E-07	1.32E-06	7.15E-06
5950	484004.8	3857531.64	9.39E-03	9.48E-03	9.58E-03	3.25E-06	9.82E-06	5.69E-06	5.74E-06	5.21E-06	2.38E-06	2.40E-06	1.09E-07	2.62E-06	5.79E-07	7.80E-07	1.24E-06	2.18E-07	1.26E-06	6.81E-06
5951	483913.27	3857531.14	9.02E-03	9.11E-03	9.20E-03	3.13E-06	9.44E-06	5.46E-06	5.52E-06	5.00E-06	2.28E-06	2.30E-06	1.04E-07	2.52E-06	5.56E-07	7.49E-07	1.19E-06	2.09E-07	1.21E-06	6.54E-06
5952	483821.73	3857530.63	8.57E-03	8.65E-03	8.73E-03	2.97E-06	8.96E-06	5.19E-06	5.24E-06	4.75E-06	2.17E-06	2.19E-06	9.91E-08	2.39E-06	5.28E-07	7.12E-07	1.13E-06	1.99E-07	1.15E-06	6.21E-06
5953	483729.61	3857450.11	8.95E-03	9.04E-03	9.14E-03	3.10E-06	9.37E-06	5.42E-06	5.48E-06	4.96E-06	2.27E-06	2.29E-06	1.04E-07	2.50E-06	5.52E-07	7.44E-07	1.18E-06	2.08E-07	1.20E-06	6.49E-06
5954	483729.03	3857370.08	9.81E-03	9.90E-03	1.00E-02	3.40E-06	1.03E-05	5.94E-06	6.00E-06	5.44E-06	2.48E-06	2.51E-06	1.14E-07	2.74E-06	6.05E-07	8.14E-07	1.29E-06	2.28E-07	1.32E-06	7.11E-06
5955	483728.44	3857290.06	1.10E-02	1.11E-02	1.13E-02	3.81E-06	1.15E-05	6.66E-06	6.72E-06	6.09E-06	2.78E-06	2.82E-06	1.27E-07	3.07E-06	6.78E-07	9.12E-07	1.45E-06	2.55E-07	1.48E-06	7.97E-06
5956	483727.86	3857210.03	1.26E-02	1.27E-02	1.29E-02	4.35E-06	1.31E-05	7.61E-06	7.67E-06	6.95E-06	3.17E-06	3.24E-06	1.45E-07	3.51E-06	7.75E-07	1.04E-06	1.65E-06	2.91E-07	1.70E-06	9.12E-06
5957	483641.15	3857129.07	1.29E-02	1.30E-02	1.32E-02	4.46E-06	1.35E-05	7.79E-06	7.85E-06	7.12E-06	3.25E-06	3.32E-06	1.49E-07	3.60E-06	7.93E-07	1.07E-06	1.69E-06	2.98E-07	1.74E-06	9.33E-06
5958	483555.03	3857128.14	1.15E-02	1.16E-02	1.18E-02	4.00E-06	1.21E-05	6.99E-06	7.04E-06	6.39E-06	2.91E-06	2.97E-06	1.34E-07	3.23E-06	7.12E-07	9.56E-07	1.52E-06	2.67E-07	1.56E-06	8.37E-06
5959	483468.91	3857127.2	1.06E-02	1.07E-02	1.09E-02	3.68E-06	1.11E-05	6.43E-06	6.48E-06	5.87E-06	2.68E-06	2.73E-06	1.23E-07	2.97E-06	6.54E-07	8.80E-07	1.40E-06	2.46E-07	1.43E-06	7.69E-06
5960	483382.78	3857126.26	9.62E-03	9.71E-03	9.85E-03	3.34E-06	1.01E-05	5.83E-06	5.88E-06	5.33E-06	2.43E-06	2.47E-06	1.11E-07	2.69E-06	5.94E-07	7.99E-07	1.27E-06	2.23E-07	1.30E-06	6.98E-06
5961	483296.66	3857125.32	8.86E-03	8.94E-03	9.05E-03	3.07E-06	9.27E-06	5.37E-06	5.42E-06	4.91E-06	2.24E-06	2.27E-06	1.03E-07	2.48E-06	5.46E-07	7.35E-07	1.17E-06	2.06E-07	1.19E-06	6.42E-06
5962	483210.54	3857124.39	8.20E-03	8.28E-03	8.37E-03	2.84E-06	8.58E-06	4.97E-06	5.02E-06	4.55E-06	2.07E-06	2.10E-06	9.49E-08	2.29E-06	5.06E-07	6.81E-07	1.08E-06	1.90E-07	1.10E-06	5.95E-06
5963	483123.4	3857030.96	8.16E-03	8.24E-03	8.33E-03	2.83E-06	8.54E-06	4.94E-06	4.99E-06	4.52E-06	2.06E-06	2.09E-06	9.44E-08	2.28E-06	5.03E-07	6.78E-07	1.07E-06	1.89E-07	1.10E-06	5.92E-06
5964	483122.38	3856938.46	8.70E-03	8.78E-03	8.89E-03	3.02E-06	9.11E-06	5.27E-06	5.32E-06	4.82E-06	2.20E-06	2.23E-06	1.01E-07	2.43E-06	5.37E-07	7.22E-07	1.15E-06	2.02E-07	1.17E-06	6.31E-06
5965	483121.35	3856845.97	9.21E-03	9.30E-03	9.42E-03	3.19E-06	9.64E-06	5.58E-06	5.63E-06	5.10E-06	2.33E-06	2.36E-06	1.07E-07	2.58E-06	5.68E-07	7.65E-07	1.21E-06	2.14E-07	1.24E-06	6.68E-06
5966	483120.33	3856753.47	9.89E-03	9.98E-03	1.01E-02	3.43E-06	1.04E-05	5.99E-06	6.04E-06	5.48E-06	2.50E-06	2.54E-06	1.14E-07	2.77E-06	6.10E-07	8.21E-07	1.30E-06	2.29E-07	1.33E-06	7.17E-06
5967	483119.31	3856660.98	1.05E-02	1.06E-02	1.08E-02	3.65E-06	1.10E-05	6.38E-06	6.43E-06	5.83E-06	2.66E-06	2.71E-06	1.22E-07	2.95E-06	6.50E-07	8.74E-07	1.39E-06	2.44E-07	1.42E-06	7.64E-06
5968	483118.29	3856568.49	1.10E-02	1.11E-02	1.13E-02	3.82E-06	1.15E-05	6.67E-06	6.72E-06	6.10E-06	2.78E-06	2.83E-06	1.27E-07	3.08E-06	6.79E-07	9.13E-07	1.45E-06	2.55E-07	1.49E-06	7.99E-06
5969	483117.26	3856475.99	1.13E-02	1.14E-02	1.16E-02	3.93E-06	1.19E-05	6.87E-06	6.93E-06	6.28E-06	2.87E-06	2.92E-06	1.31E-07	3.17E-06	7.00E-07	9.40E-07	1.49E-06	2.63E-07	1.53E-06	8.23E-06
5970	483116.24	3856383.5	1.18E-02	1.19E-02	1.21E-02	4.08E-06	1.23E-05	7.13E-06	7.19E-06	6.51E-06	2.97E-06	3.03E-06	1.36E-07	3.29E-06	7.26E-07	9.76E-07	1.55E-06	2.73E-07	1.59E-06	8.54E-06
5971	483115.22	3856291.01	1.22E-02	1.23E-02	1.25E-02	4.22E-06	1.27E-05	7.38E-06	7.44E-06	6.74E-06	3.08E-06	3.13E-06	1.41E-07	3.41E-06	7.51E-07	1.01E-06	1.60E-06	2.82E-07	1.64E-06	8.84E-06
5972	483114.2	3856198.51	1.28E-02	1.29E-02	1.32E-02	4.45E-06	1.34E-05	7.77E-06	7.83E-06	7.10E-06	3.24E-06	3.30E-06	1.48E-07	3.59E-06	7.91E-07	1.06E-06	1.69E-06	2.97E-07	1.73E-06	9.31E-06
5973	483113.17	3856106.02	1.30E-02	1.31E-02	1.34E-02	4.52E-06	1.36E-05	7.89E-06	7.96E-06	7.21E-06	3.29E-06	3.35E-06	1.51E-07	3.64E-06	8.04E-07	1.08E-06	1.71E-06	3.02E-07	1.76E-06	9.45E-06
5974	483112.15	3856013.52	1.38E-02	1.40E-02	1.42E-02	4.80E-06	1.45E-05	8.39E-06	8.45E-06	7.66E-06	3.50E-06	3.57E-06	1.60E-07	3.87E-06	8.54E-07	1.15E-06	1.82E-06	3.21E-07	1.87E-06	1.00E-05
5975	483029.25	3855920.47	1.26E-02	1.27E-02	1.29E-02	4.36E-06	1.32E-05	7.63E-06	7.69E-06	6.97E-06	3.18E-06	3.24E-06	1.46E-07	3.52E-06	7.77E-07	1.04E-06	1.66E-06	2.92E-07	1.70E-06	9.13E-06
5976	482947.37	3855919.91	1.10E-02	1.11E-02	1.13E-02	3.83E-06	1.16E-05	6.69E-06	6.74E-06	6.11E-06	2.79E-06	2.84E-06	1.28E-07	3.09E-06	6.81E-07	9.16E-07	1.45E-06	2.56E-07	1.49E-06	8.01E-06
5977	482865.49	3855919.36	9.96E-03	1.00E-02	1.02E-02	3.45E-06	1.04E-05	6.03E-06	6.09E-06	5.52E-06	2.52E-06	2.55E-06	1.15E-07	2.78E-06	6.14E-07	8.26E-07	1.31E-06	2.31E-07	1.34E-06	7.22E-06
5978	482783.61	3855918.8	8.90E-03	8.98E-03	9.08E-03	3.08E-06	9.31E-06	5.39E-06	5.44E-06	4.93E-06	2.25E-06	2.28E-06	1.03E-07	2.49E-06	5.49E-07	7.39E-07	1.17E-06	2.07E-07	1.19E-06	6.45E-06
5979	482700.33	3855818.39	8.56E-03	8.64E-03	8.74E-03	2.97E-06	8.95E-06	5.18E-06	5.23E-06	4.74E-06	2.16E-06	2.19E-06	9.90E-08	2.39E-06	5.28E-07	7.10E-07	1.13E-06	1.99E-07	1.15E-06	6.20E-06
5980	482698.92	3855718.54	9.07E-03	9.15E-03	9.29E-03	3.14E-06	9.50E-06	5.50E-06	5.55E-06	5.03E-06	2.29E-06	2.33E-06	1.05E-07	2.54E-06	5.60E-07	7.53E-07	1.19E-06	2.10E-07	1.22E-06	6.58E-06
5981	482697.52	3855618.68	9.78E-03	9.86E-03	1.00E-02	3.39E-06	1.02E-05	5.93E-06	5.98E-06	5.42E-06	2.47E-06	2.52E-06	1.13E-07	2.74E-06	6.04E-07	8.11E-07	1.29E-06	2.27E-07	1.32E-06	7.10E-06
5982	482696.11	3855518.83	9.51E-03	9.59E-03	9.75E-03	3.30E-06	9.95E-06	5.76E-06	5.81E-06	5.27E-06	2.40E-06	2.44E-06	1.10E-07	2.66E-06	5.87E-07	7.89E-07	1.25E-06	2.20E-07	1.28E-06	6.90E-06

5983	482694.71	3855418.98	9.29E-03	9.37E-03	9.52E-03	3.22E-06	9.72E-06	5.63E-06	5.68E-06	5.15E-06	2.35E-06	2.39E-06	1.08E-07	2.60E-06	5.73E-07	7.71E-07	1.22E-06	2.15E-07	1.25E-06	6.74E-06
5984	482693.3	3855319.13	8.76E-03	8.84E-03	8.97E-03	3.04E-06	9.17E-06	5.31E-06	5.36E-06	4.85E-06	2.22E-06	2.25E-06	1.01E-07	2.45E-06	5.41E-07	7.27E-07	1.15E-06	2.03E-07	1.18E-06	6.36E-06
5985	482691.9	3855219.27	7.81E-03	7.88E-03	7.97E-03	2.71E-06	8.17E-06	4.73E-06	4.78E-06	4.33E-06	1.98E-06	2.00E-06	9.04E-08	2.18E-06	4.82E-07	6.48E-07	1.03E-06	1.81E-07	1.05E-06	5.66E-06
5986	482690.49	3855119.42	7.25E-03	7.33E-03	7.39E-03	2.51E-06	7.59E-06	4.39E-06	4.44E-06	4.02E-06	1.84E-06	1.85E-06	8.40E-08	2.03E-06	4.47E-07	6.03E-07	9.56E-07	1.69E-07	9.72E-07	5.26E-06
5987	482689.09	3855019.57	6.05E-03	6.12E-03	6.12E-03	2.10E-06	6.33E-06	3.67E-06	3.71E-06	3.36E-06	1.53E-06	1.53E-06	7.00E-08	1.69E-06	3.73E-07	5.04E-07	7.99E-07	1.41E-07	8.05E-07	4.38E-06
5988	482687.68	3854919.72	4.72E-03	4.79E-03	4.73E-03	1.64E-06	4.94E-06	2.86E-06	2.90E-06	2.63E-06	1.20E-06	1.18E-06	5.46E-08	1.32E-06	2.91E-07	3.94E-07	6.25E-07	1.10E-07	6.22E-07	3.42E-06
5989	482686.28	3854819.86	3.53E-03	3.59E-03	3.48E-03	1.22E-06	3.69E-06	2.14E-06	2.18E-06	1.97E-06	9.00E-07	8.71E-07	4.08E-08	9.85E-07	2.17E-07	2.95E-07	4.69E-07	8.26E-08	4.57E-07	2.55E-06
5990	482684.88	3854720.01	2.90E-03	2.97E-03	2.84E-03	1.01E-06	3.04E-06	1.76E-06	1.80E-06	1.63E-06	7.43E-07	7.11E-07	3.36E-08	8.12E-07	1.79E-07	2.44E-07	3.87E-07	6.82E-08	3.73E-07	2.10E-06
5991	482683.47	3854620.16	2.43E-03	2.49E-03	2.35E-03	8.41E-07	2.54E-06	1.47E-06	1.51E-06	1.37E-06	6.23E-07	5.88E-07	2.81E-08	6.79E-07	1.50E-07	2.05E-07	3.24E-07	5.72E-08	3.08E-07	1.75E-06
5992	482682.07	3854520.31	2.14E-03	2.19E-03	2.05E-03	7.41E-07	2.24E-06	1.30E-06	1.33E-06	1.21E-06	5.50E-07	5.15E-07	2.48E-08	5.98E-07	1.32E-07	1.81E-07	2.86E-07	5.05E-08	2.70E-07	1.54E-06
5993	482680.66	3854420.45	1.93E-03	1.99E-03	1.85E-03	6.70E-07	2.02E-06	1.17E-06	1.20E-06	1.09E-06	4.97E-07	4.63E-07	2.24E-08	5.40E-07	1.19E-07	1.63E-07	2.59E-07	4.57E-08	2.43E-07	1.39E-06
5994	482679.26	3854320.6	1.78E-03	1.83E-03	1.69E-03	6.15E-07	1.86E-06	1.08E-06	1.11E-06	1.00E-06	4.58E-07	4.24E-07	2.05E-08	4.96E-07	1.10E-07	1.50E-07	2.38E-07	4.20E-08	2.22E-07	1.28E-06
5995	482677.85	3854220.75	1.60E-03	1.65E-03	1.51E-03	5.55E-07	1.68E-06	9.70E-07	1.00E-06	9.06E-07	4.14E-07	3.79E-07	1.85E-08	4.48E-07	9.88E-08	1.36E-07	2.15E-07	3.79E-08	1.99E-07	1.15E-06
5996	482676.45	3854120.9	1.52E-03	1.57E-03	1.44E-03	5.28E-07	1.59E-06	9.23E-07	9.51E-07	8.62E-07	3.93E-07	3.61E-07	1.76E-08	4.26E-07	9.40E-08	1.29E-07	2.05E-07	3.61E-08	1.90E-07	1.10E-06
5997	482675.04	3854021.04	1.43E-03	1.48E-03	1.36E-03	4.97E-07	1.50E-06	8.69E-07	8.95E-07	8.11E-07	3.70E-07	3.41E-07	1.66E-08	4.01E-07	8.85E-08	1.22E-07	1.93E-07	3.40E-08	1.79E-07	1.03E-06
5998	482673.64	3853921.19	1.35E-03	1.39E-03	1.28E-03	4.68E-07	1.41E-06	8.19E-07	8.43E-07	7.64E-07	3.49E-07	3.21E-07	1.56E-08	3.78E-07	8.34E-08	1.14E-07	1.81E-07	3.20E-08	1.69E-07	9.73E-07
5999	482672.23	3853821.34	1.26E-03	1.30E-03	1.20E-03	4.37E-07	1.32E-06	7.64E-07	7.86E-07	7.12E-07	3.25E-07	3.00E-07	1.46E-08	3.52E-07	7.78E-08	1.07E-07	1.69E-07	2.98E-08	1.58E-07	9.08E-07
6000	482670.83	3853721.49	1.18E-03	1.21E-03	1.12E-03	4.09E-07	1.23E-06	7.14E-07	7.35E-07	6.66E-07	3.04E-07	2.81E-07	1.36E-08	3.30E-07	7.27E-08	9.97E-08	1.58E-07	2.79E-08	1.48E-07	8.49E-07
6001	482669.42	3853621.63	1.11E-03	1.14E-03	1.06E-03	3.86E-07	1.17E-06	6.74E-07	6.93E-07	6.29E-07	2.87E-07	2.66E-07	1.29E-08	3.11E-07	6.87E-08	9.42E-08	1.49E-07	2.63E-08	1.40E-07	8.02E-07
6002	482645.99	3853446.13	1.02E-03	1.05E-03	9.67E-04	3.53E-07	1.06E-06	6.16E-07	6.34E-07	5.75E-07	2.62E-07	2.42E-07	1.18E-08	2.84E-07	6.28E-08	8.61E-08	1.37E-07	2.41E-08	1.27E-07	7.33E-07
6003	482623.97	3853370.49	9.84E-04	1.01E-03	9.33E-04	3.41E-07	1.03E-06	5.96E-07	6.14E-07	5.56E-07	2.54E-07	2.34E-07	1.14E-08	2.75E-07	6.07E-08	8.33E-08	1.32E-07	2.33E-08	1.23E-07	7.09E-07
6004	482601.94	3853294.84	9.54E-04	9.83E-04	9.02E-04	3.31E-07	9.98E-07	5.78E-07	5.95E-07	5.40E-07	2.46E-07	2.26E-07	1.10E-08	2.67E-07	5.88E-08	8.08E-08	1.28E-07	2.26E-08	1.19E-07	6.87E-07
6005	482531.29	3853133.44	8.91E-04	9.19E-04	8.37E-04	3.09E-07	9.32E-07	5.40E-07	5.57E-07	5.05E-07	2.30E-07	2.10E-07	1.03E-08	2.49E-07	5.50E-08	7.56E-08	1.20E-07	2.11E-08	1.10E-07	6.41E-07
6006	482482.68	3853047.69	8.57E-04	8.85E-04	8.02E-04	2.97E-07	8.96E-07	5.19E-07	5.36E-07	4.86E-07	2.22E-07	2.01E-07	9.91E-09	2.39E-07	5.28E-08	7.28E-08	1.15E-07	2.03E-08	1.05E-07	6.16E-07
6007	482383.09	3852897.4	8.06E-04	8.33E-04	7.53E-04	2.79E-07	8.44E-07	4.88E-07	5.05E-07	4.58E-07	2.09E-07	1.89E-07	9.33E-09	2.25E-07	4.97E-08	6.85E-08	1.09E-07	1.92E-08	9.90E-08	5.80E-07
6008	482265.64	3852765.26	7.63E-04	7.88E-04	7.12E-04	2.64E-07	7.98E-07	4.62E-07	4.78E-07	4.33E-07	1.98E-07	1.78E-07	8.83E-09	2.13E-07	4.70E-08	6.48E-08	1.03E-07	1.81E-08	9.36E-08	5.49E-07
6009	482199.16	3852697.66	7.42E-04	7.66E-04	6.92E-04	2.57E-07	7.76E-07	4.49E-07	4.64E-07	4.21E-07	1.92E-07	1.74E-07	8.58E-09	2.07E-07	4.57E-08	6.30E-08	1.00E-07	1.76E-08	9.11E-08	5.33E-07
6010	482132.69	3852630.07	7.21E-04	7.45E-04	6.73E-04	2.50E-07	7.55E-07	4.37E-07	4.51E-07	4.09E-07	1.87E-07	1.69E-07	8.34E-09	2.02E-07	4.45E-08	6.13E-08	9.72E-08	1.71E-08	8.86E-08	5.19E-07
6011	482066.21	3852562.48	7.02E-04	7.26E-04	6.56E-04	2.43E-07	7.35E-07	4.25E-07	4.40E-07	3.99E-07	1.82E-07	1.64E-07	8.13E-09	1.96E-07	4.33E-08	5.97E-08	9.47E-08	1.67E-08	8.63E-08	5.05E-07
6012	481999.74	3852494.89	6.86E-04	7.08E-04	6.41E-04	2.38E-07	7.18E-07	4.15E-07	4.29E-07	3.89E-07	1.78E-07	1.61E-07	7.94E-09	1.92E-07	4.23E-08	5.83E-08	9.24E-08	1.63E-08	8.43E-08	4.93E-07
6013	481933.26	3852427.29	6.71E-04	6.93E-04	6.27E-04	2.32E-07	7.02E-07	4.06E-07	4.20E-07	3.80E-07	1.74E-07	1.57E-07	7.76E-09	1.87E-07	4.14E-08	5.70E-08	9.04E-08	1.59E-08	8.25E-08	4.82E-07
6014	481866.79	3852359.7	6.55E-04	6.76E-04	6.13E-04	2.27E-07	6.85E-07	3.97E-07	4.10E-07	3.71E-07	1.69E-07	1.54E-07	7.58E-09	1.83E-07	4.04E-08	5.56E-08	8.82E-08	1.56E-08	8.06E-08	4.71E-07
6015	481800.31	3852292.11	6.39E-04	6.60E-04	5.99E-04	2.22E-07	6.69E-07	3.87E-07	4.00E-07	3.63E-07	1.65E-07	1.50E-07	7.40E-09	1.79E-07	3.94E-08	5.43E-08	8.62E-08	1.52E-08	7.87E-08	4.60E-07
6016	481733.84	3852224.52	6.26E-04	6.46E-04	5.86E-04	2.17E-07	6.55E-07	3.79E-07	3.92E-07	3.55E-07	1.62E-07	1.47E-07	7.24E-09	1.75E-07	3.86E-08	5.32E-08	8.43E-08	1.49E-08	7.71E-08	4.50E-07
6017	481667.36	3852156.92	6.12E-04	6.32E-04	5.73E-04	2.12E-07	6.40E-07	3.70E-07	3.83E-07	3.47E-07	1.58E-07	1.44E-07	7.08E-09	1.71E-07	3.77E-08	5.19E-08	8.24E-08	1.45E-08	7.53E-08	4.40E-07
6018	481600.89	3852089.33	6.02E-04	6.22E-04	5.65E-04	2.09E-07	6.30E-07	3.65E-07	3.77E-07	3.41E-07	1.56E-07	1.42E-07	6.97E-09	1.68E-07	3.71E-08	5.11E-08	8.11E-08	1.43E-08	7.43E-08	4.33E-07
6019	481534.41	3852021.74	5.94E-04	6.13E-04	5.58E-04	2.06E-07	6.22E-07	3.60E-07	3.71E-07	3.37E-07	1.54E-07	1.40E-07	6.88E-09	1.66E-07	3.67E-08	5.04E-08	8.00E-08	1.41E-08	7.34E-08	4.28E-07
6020	481467.94	3851954.15	5.86E-04	6.04E-04	5.51E-04	2.03E-07	6.13E-07	3.55E-07	3.66E-07	3.32E-07	1.51E-07	1.38E-07	6.78E-09	1.64E-07	3.61E-08	4.97E-08	7.88E-08	1.39E-08	7.25E-08	4.22E-07
6021	481401.46	3851886.55	5.75E-04	5.93E-04	5.42E-04	1.99E-07	6.02E-07	3.49E-07	3.59E-07	3.26E-07	1.49E-07	1.36E-07	6.66E-09	1.61E-07	3.55E-08	4.88E-08	7.74E-08	1.36E-08	7.12E-08	4.14E-07
6022	481265.87	3851761.43	5.60E-04	5.77E-04	5.29E-04	1.94E-07	5.86E-07	3.39E-07	3.50E-07	3.17E-07	1.45E-07	1.33E-07	6.48E-09	1.57E-07	3.46E-08	4.75E-08	7.53E-08	1.33E-08	6.96E-08	4.03E-07
6023	481196.74	3851703.89	5.52E-04	5.69E-04	5.22E-04	1.91E-07	5.78E-07	3.34E-07	3.44E-07	3.12E-07	1.42E-07	1.31E-07	6.39E-09	1.54E-07	3.40E-08	4.68E-08	7.42E-08	1.31E-08	6.86E-08	3.97E-07
6024	481076.33	3851619.05	5.40E-04	5.56E-04	5.12E-04	1.87E-07	5.65E-07	3.27E-07	3.37E-07	3.05E-07	1.39E-07	1.28E-07	6.25E-09	1.51E-07	3.33E-08	4.57E-08	7.26E-08	1.28E-08	6.74E-08	3.89E-07
6025	480939.8	3851549.07	5.27E-04	5.42E-04	5.01E-04	1.83E-07	5.51E-07	3.19E-07	3.28E-07	2.97E-07	1.36E-07	1.26E-07	6.10E-09	1.47E-07	3.25E-08	4.45E-08	7.07E-08	1.25E-08	6.59E-08	3.79E-07
6026	480854.56	3851506.41	5.18E-04	5.32E-04	4.95E-04	1.80E-07	5.42E-07	3.14E-07	3.23E-07	2.92E-07	1.33E-07	1.24E-07	6.00E-09	1.45E-07	3.20E-08	4.38E-08	6.95E-08	1.22E-08	6.50E-08	3.73E-07
6027	480769.32	3851463.75	5.09E-04	5.22E-04	4.87E-04	1.76E-07	5.32E-07	3.08E-07	3.16E-07	2.87E-07	1.31E-07	1.22E-07	5.89E-09	1.42E-07	3.14E-08	4.30E-08	6.82E-08	1.20E-08	6.40E-08	3.67E-07
6028	480684.08	3851421.08	5.00E-04	5.13E-04	4.79E-04	1.73E-07	5.23E-07	3.03E-07	3.11E-07	2.82E-07	1.29E-07	1.20E-07	5.78E-09	1.40E-07	3.08E-08	4.22E-08	6.69E-08	1.18E-08	6.30E-08	3.60E-07
6029	480598.84	3851378.42	4.93E-04	5.06E-04	4.74E-04	1.71E-07	5.16E-07	2.99E-07	3.07E-07	2.78E-07	1.27E-07	1.19E-07	5.71E-09	1.38E-07	3.04E-08	4.16E-08	6.60E-08	1.16E-08	6.24E-08	3.56E-07
6030	480435.71	3851275.01	4.78E-04	4.90E-04	4.61E-04	1.66E-07	5.00E-07	2.90E-07	2.97E-07	2.69E-07	1.23E-07	1.16E-07	5.53E-09	1.34E-07	2.95E-08	4.03E-08	6.39E-08	1.13E-08	6.06E-08	3.45E-07
6031	480347.85	3851232.36	4.72E-04	4.84E-04	4.57E-04	1.64E-07	4.94E-07	2.86E-07	2.93E-07	2.66E-07	1.21E-07	1.14E-07	5.47E-09	1.32E-07	2.91E-08	3.98E-08	6.31E-08	1.11E-08	6.00E-08	3.41E-07
6032	480260	3851189.72	4.67E-04	4.78E-04	4.52E-04	1.62E-07	4.88E-07	2.83E-07	2.89E-07	2.62E-07	1.20E-07	1.13E-07	5.40E-09	1.30E-07	2.88E-08	3.93E-08	6.23E-08	1.10E-08	5.95E-08	3.37E-07
6033	480172.15	3851147.07	4.61E-04	4.71E-04	4.47E-04	1.60E-07	4.82E-07	2.79E-07	2.86E-07	2.59E-07	1.18E-07	1.12E-07	5.33E-09	1.29E-07	2.84E-08	3.88E-08	6.15E-08	1.08E-08	5.88E-08	3.33E-07
6034	480084.29	3851104.42	4.54E-04	4.65E-04	4.42E-04	1.58E-07	4.76E-07	2.75E-07	2.81E-07	2.55E-07	1.16E-07	1.11E-07	5.26E-09	1.27E-07	2.80E-08	3.82E-08	6.06E-08	1.07E-08	5.81E-08	3.28E-07
6035	479996.44	3851061.77	4.48E-04	4.58E-04	4.36E-04	1.55E-07	4.68E-07	2.71E-07	2.77E-07	2.51E-07	1.15E-07	1.09E-07	5.18E-09	1.25E-07	2.76E-08	3.76E-08	5.97E-08	1.05E-08	5.73E-08	3.23E-07

6036	479908.58	3851019.13	4.35E-04	4.44E-04	4.23E-04	1.51E-07	4.55E-07	2.63E-07	2.69E-07	2.44E-07	1.11E-07	1.06E-07	5.03E-09	1.21E-07	2.68E-08	3.65E-08	5.80E-08	1.02E-08	5.57E-08	3.14E-07
6037	479820.73	3850976.48	4.29E-04	4.38E-04	4.19E-04	1.49E-07	4.49E-07	2.60E-07	2.66E-07	2.41E-07	1.10E-07	1.05E-07	4.97E-09	1.20E-07	2.65E-08	3.61E-08	5.72E-08	1.01E-08	5.50E-08	3.10E-07
6038	479732.88	3850933.83	4.25E-04	4.34E-04	4.15E-04	1.47E-07	4.44E-07	2.57E-07	2.63E-07	2.38E-07	1.09E-07	1.04E-07	4.91E-09	1.19E-07	2.62E-08	3.57E-08	5.66E-08	9.97E-09	5.45E-08	3.07E-07
6039	479645.02	3850891.18	4.21E-04	4.30E-04	4.12E-04	1.46E-07	4.41E-07	2.55E-07	2.60E-07	2.36E-07	1.08E-07	1.03E-07	4.87E-09	1.18E-07	2.60E-08	3.54E-08	5.61E-08	9.88E-09	5.41E-08	3.04E-07
6040	479557.17	3850848.54	4.19E-04	4.28E-04	4.10E-04	1.45E-07	4.38E-07	2.54E-07	2.59E-07	2.35E-07	1.07E-07	1.03E-07	4.85E-09	1.17E-07	2.58E-08	3.52E-08	5.58E-08	9.83E-09	5.39E-08	3.03E-07
6041	479469.32	3850805.89	4.13E-04	4.21E-04	4.04E-04	1.43E-07	4.32E-07	2.50E-07	2.55E-07	2.31E-07	1.06E-07	1.01E-07	4.78E-09	1.15E-07	2.55E-08	3.47E-08	5.50E-08	9.69E-09	5.32E-08	2.98E-07
6042	479381.46	3850763.24	4.13E-04	4.21E-04	4.05E-04	1.43E-07	4.32E-07	2.50E-07	2.55E-07	2.31E-07	1.06E-07	1.01E-07	4.78E-09	1.15E-07	2.55E-08	3.46E-08	5.50E-08	9.68E-09	5.33E-08	2.98E-07
6043	479293.61	3850720.59	4.16E-04	4.24E-04	4.09E-04	1.44E-07	4.35E-07	2.52E-07	2.57E-07	2.33E-07	1.06E-07	1.02E-07	4.81E-09	1.16E-07	2.57E-08	3.49E-08	5.53E-08	9.75E-09	5.38E-08	3.00E-07
6044	479205.76	3850677.95	4.17E-04	4.25E-04	4.10E-04	1.45E-07	4.36E-07	2.53E-07	2.58E-07	2.33E-07	1.07E-07	1.03E-07	4.83E-09	1.17E-07	2.57E-08	3.50E-08	5.55E-08	9.77E-09	5.40E-08	3.01E-07
6045	479117.9	3850635.3	4.20E-04	4.28E-04	4.14E-04	1.45E-07	4.39E-07	2.54E-07	2.59E-07	2.35E-07	1.07E-07	1.04E-07	4.86E-09	1.17E-07	2.59E-08	3.52E-08	5.58E-08	9.83E-09	5.44E-08	3.03E-07
6046	479030.05	3850592.65	4.20E-04	4.27E-04	4.14E-04	1.45E-07	4.39E-07	2.54E-07	2.59E-07	2.35E-07	1.07E-07	1.04E-07	4.86E-09	1.17E-07	2.59E-08	3.52E-08	5.58E-08	9.83E-09	5.44E-08	3.03E-07
6047	478942.19	3850550	4.13E-04	4.21E-04	4.08E-04	1.43E-07	4.32E-07	2.50E-07	2.55E-07	2.31E-07	1.05E-07	1.02E-07	4.78E-09	1.16E-07	2.55E-08	3.46E-08	5.49E-08	9.68E-09	5.36E-08	2.99E-07
6048	478854.34	3850507.36	3.96E-04	4.03E-04	3.90E-04	1.37E-07	4.14E-07	2.40E-07	2.44E-07	2.22E-07	1.01E-07	9.77E-08	4.58E-09	1.11E-07	2.44E-08	3.32E-08	5.26E-08	9.28E-09	5.13E-08	2.86E-07
6049	478766.49	3850464.71	3.88E-04	3.96E-04	3.82E-04	1.35E-07	4.06E-07	2.35E-07	2.40E-07	2.17E-07	9.91E-08	9.58E-08	4.49E-09	1.09E-07	2.39E-08	3.25E-08	5.16E-08	9.10E-09	5.03E-08	2.80E-07
6050	478678.63	3850422.06	3.83E-04	3.90E-04	3.77E-04	1.33E-07	4.01E-07	2.32E-07	2.36E-07	2.14E-07	9.78E-08	9.45E-08	4.43E-09	1.07E-07	2.36E-08	3.21E-08	5.09E-08	8.97E-09	4.96E-08	2.77E-07
6051	478590.78	3850379.41	3.76E-04	3.84E-04	3.70E-04	1.30E-07	3.94E-07	2.28E-07	2.32E-07	2.11E-07	9.61E-08	9.28E-08	4.36E-09	1.05E-07	2.32E-08	3.15E-08	5.00E-08	8.82E-09	4.87E-08	2.72E-07
6052	478502.93	3850336.77	3.72E-04	3.79E-04	3.66E-04	1.29E-07	3.89E-07	2.25E-07	2.30E-07	2.08E-07	9.50E-08	9.18E-08	4.31E-09	1.04E-07	2.30E-08	3.12E-08	4.95E-08	8.72E-09	4.82E-08	2.69E-07
6053	478415.07	3850294.12	3.69E-04	3.76E-04	3.63E-04	1.28E-07	3.86E-07	2.24E-07	2.28E-07	2.07E-07	9.43E-08	9.11E-08	4.27E-09	1.03E-07	2.28E-08	3.10E-08	4.91E-08	8.65E-09	4.78E-08	2.67E-07
6054	478327.22	3850251.47	3.62E-04	3.69E-04	3.56E-04	1.25E-07	3.79E-07	2.19E-07	2.24E-07	2.03E-07	9.25E-08	8.92E-08	4.19E-09	1.01E-07	2.23E-08	3.04E-08	4.82E-08	8.49E-09	4.68E-08	2.62E-07
6055	478239.36	3850208.82	3.56E-04	3.63E-04	3.50E-04	1.23E-07	3.73E-07	2.16E-07	2.20E-07	1.99E-07	9.10E-08	8.77E-08	4.12E-09	9.96E-08	2.20E-08	2.99E-08	4.74E-08	8.35E-09	4.60E-08	2.57E-07
6056	478151.51	3850166.18	3.51E-04	3.58E-04	3.45E-04	1.22E-07	3.67E-07	2.13E-07	2.17E-07	1.96E-07	8.96E-08	8.64E-08	4.06E-09	9.81E-08	2.16E-08	2.94E-08	4.67E-08	8.23E-09	4.53E-08	2.53E-07
6057	478063.66	3850123.53	3.46E-04	3.53E-04	3.40E-04	1.20E-07	3.62E-07	2.10E-07	2.14E-07	1.94E-07	8.84E-08	8.51E-08	4.00E-09	9.67E-08	2.13E-08	2.90E-08	4.60E-08	8.11E-09	4.47E-08	2.50E-07
6058	477975.8	3850080.88	3.55E-04	3.62E-04	3.50E-04	1.23E-07	3.72E-07	2.15E-07	2.19E-07	1.99E-07	9.07E-08	8.76E-08	4.11E-09	9.93E-08	2.19E-08	2.98E-08	4.72E-08	8.32E-09	4.60E-08	2.57E-07
6059	477887.95	3850038.23	3.54E-04	3.60E-04	3.48E-04	1.23E-07	3.70E-07	2.14E-07	2.18E-07	1.98E-07	9.03E-08	8.72E-08	4.09E-09	9.88E-08	2.18E-08	2.96E-08	4.70E-08	8.29E-09	4.58E-08	2.55E-07
6060	477800.1	3849995.59	3.53E-04	3.60E-04	3.48E-04	1.22E-07	3.69E-07	2.14E-07	2.18E-07	1.98E-07	9.02E-08	8.71E-08	4.09E-09	9.87E-08	2.18E-08	2.96E-08	4.69E-08	8.27E-09	4.57E-08	2.55E-07
6061	477712.24	3849952.94	3.48E-04	3.55E-04	3.43E-04	1.21E-07	3.65E-07	2.11E-07	2.15E-07	1.95E-07	8.90E-08	8.59E-08	4.03E-09	9.74E-08	2.15E-08	2.92E-08	4.63E-08	8.17E-09	4.51E-08	2.52E-07
6062	477624.39	3849910.29	3.43E-04	3.50E-04	3.38E-04	1.19E-07	3.59E-07	2.08E-07	2.12E-07	1.92E-07	8.77E-08	8.47E-08	3.98E-09	9.60E-08	2.12E-08	2.88E-08	4.57E-08	8.05E-09	4.44E-08	2.48E-07
6063	477536.54	3849867.64	3.39E-04	3.46E-04	3.34E-04	1.18E-07	3.55E-07	2.05E-07	2.09E-07	1.90E-07	8.66E-08	8.36E-08	3.92E-09	9.48E-08	2.09E-08	2.84E-08	4.51E-08	7.95E-09	4.39E-08	2.45E-07
6064	477448.68	3849825	3.32E-04	3.39E-04	3.27E-04	1.15E-07	3.48E-07	2.01E-07	2.05E-07	1.86E-07	8.49E-08	8.18E-08	3.85E-09	9.29E-08	2.05E-08	2.79E-08	4.42E-08	7.79E-09	4.29E-08	2.40E-07
6065	477360.83	3849782.35	3.26E-04	3.32E-04	3.20E-04	1.13E-07	3.41E-07	1.97E-07	2.01E-07	1.82E-07	8.33E-08	8.02E-08	3.77E-09	9.11E-08	2.01E-08	2.73E-08	4.34E-08	7.64E-09	4.21E-08	2.35E-07
6066	477272.97	3849739.7	3.19E-04	3.25E-04	3.12E-04	1.10E-07	3.33E-07	1.93E-07	1.97E-07	1.78E-07	8.14E-08	7.83E-08	3.69E-09	8.90E-08	1.96E-08	2.67E-08	4.24E-08	7.47E-09	4.11E-08	2.30E-07
6067	477185.12	3849697.05	3.13E-04	3.19E-04	3.06E-04	1.08E-07	3.27E-07	1.89E-07	1.93E-07	1.75E-07	7.99E-08	7.68E-08	3.62E-09	8.74E-08	1.93E-08	2.62E-08	4.16E-08	7.33E-09	4.03E-08	2.26E-07
6068	477097.27	3849654.41	3.06E-04	3.12E-04	2.99E-04	1.06E-07	3.20E-07	1.85E-07	1.89E-07	1.71E-07	7.81E-08	7.50E-08	3.54E-09	8.54E-08	1.88E-08	2.56E-08	4.07E-08	7.17E-09	3.93E-08	2.21E-07
6069	477009.41	3849611.76	2.95E-04	3.01E-04	2.88E-04	1.02E-07	3.08E-07	1.78E-07	1.82E-07	1.65E-07	7.53E-08	7.21E-08	3.41E-09	8.23E-08	1.82E-08	2.47E-08	3.92E-08	6.91E-09	3.79E-08	2.13E-07
6070	476841.49	3849530.08	2.80E-04	2.86E-04	2.73E-04	9.72E-08	2.93E-07	1.70E-07	1.74E-07	1.57E-07	7.18E-08	6.85E-08	3.24E-09	7.84E-08	1.73E-08	2.36E-08	3.74E-08	6.59E-09	3.59E-08	2.02E-07
6071	476761.41	3849491.05	2.75E-04	2.81E-04	2.68E-04	9.55E-08	2.88E-07	1.67E-07	1.71E-07	1.55E-07	7.05E-08	6.72E-08	3.19E-09	7.70E-08	1.70E-08	2.32E-08	3.67E-08	6.47E-09	3.53E-08	1.99E-07
6072	476681.34	3849452.02	2.68E-04	2.74E-04	2.61E-04	9.30E-08	2.81E-07	1.63E-07	1.66E-07	1.51E-07	6.88E-08	6.54E-08	3.11E-09	7.50E-08	1.66E-08	2.26E-08	3.58E-08	6.31E-09	3.43E-08	1.94E-07
6073	476601.26	3849412.99	2.61E-04	2.67E-04	2.53E-04	9.04E-08	2.73E-07	1.58E-07	1.62E-07	1.46E-07	6.68E-08	6.35E-08	3.02E-09	7.29E-08	1.61E-08	2.19E-08	3.48E-08	6.13E-09	3.33E-08	1.88E-07
6074	476456.32	3849353.67	2.44E-04	2.50E-04	2.36E-04	8.47E-08	2.56E-07	1.48E-07	1.52E-07	1.37E-07	6.27E-08	5.92E-08	2.83E-09	6.83E-08	1.51E-08	2.06E-08	3.27E-08	5.75E-09	3.11E-08	1.76E-07
6075	476305.43	3849318.84	2.39E-04	2.45E-04	2.31E-04	8.27E-08	2.50E-07	1.45E-07	1.48E-07	1.34E-07	6.13E-08	5.78E-08	2.76E-09	6.67E-08	1.47E-08	2.01E-08	3.19E-08	5.62E-09	3.03E-08	1.72E-07
6076	476129.36	3849289.99	2.29E-04	2.35E-04	2.21E-04	7.94E-08	2.40E-07	1.39E-07	1.42E-07	1.29E-07	5.89E-08	5.53E-08	2.65E-09	6.41E-08	1.41E-08	1.93E-08	3.06E-08	5.40E-09	2.90E-08	1.65E-07
6077	476039.31	3849275.68	2.25E-04	2.31E-04	2.16E-04	7.80E-08	2.36E-07	1.36E-07	1.40E-07	1.27E-07	5.78E-08	5.42E-08	2.61E-09	6.29E-08	1.39E-08	1.90E-08	3.01E-08	5.31E-09	2.84E-08	1.62E-07
6078	475949.26	3849261.38	2.18E-04	2.23E-04	2.09E-04	7.54E-08	2.28E-07	1.32E-07	1.35E-07	1.23E-07	5.60E-08	5.23E-08	2.52E-09	6.09E-08	1.34E-08	1.84E-08	2.91E-08	5.14E-09	2.74E-08	1.57E-07
6079	475859.21	3849247.08	2.14E-04	2.20E-04	2.05E-04	7.42E-08	2.24E-07	1.30E-07	1.33E-07	1.21E-07	5.51E-08	5.14E-08	2.48E-09	5.99E-08	1.32E-08	1.81E-08	2.87E-08	5.06E-09	2.70E-08	1.54E-07
6080	475769.16	3849232.77	2.10E-04	2.15E-04	2.00E-04	7.27E-08	2.20E-07	1.27E-07	1.31E-07	1.18E-07	5.40E-08	5.02E-08	2.43E-09	5.87E-08	1.29E-08	1.77E-08	2.81E-08	4.95E-09	2.64E-08	1.51E-07
6081	475585.23	3849219.27	1.78E-04	1.84E-04	1.69E-04	6.18E-08	1.87E-07	1.08E-07	1.11E-07	1.01E-07	4.60E-08	4.22E-08	2.06E-09	4.98E-08	1.10E-08	1.51E-08	2.39E-08	4.22E-09	2.22E-08	1.28E-07
6082	475444.5	3849150.35	1.92E-04	1.98E-04	1.83E-04	6.66E-08	2.01E-07	1.16E-07	1.20E-07	1.08E-07	4.95E-08	4.57E-08	2.22E-09	5.37E-08	1.19E-08	1.62E-08	2.58E-08	4.54E-09	2.40E-08	1.38E-07
6083	475334.18	3849118.71	1.94E-04	2.00E-04	1.85E-04	6.74E-08	2.03E-07	1.18E-07	1.21E-07	1.10E-07	5.01E-08	4.64E-08	2.25E-09	5.44E-08	1.20E-08	1.64E-08	2.61E-08	4.60E-09	2.43E-08	1.40E-07
6084	475230.47	3849060.57	1.92E-04	1.98E-04	1.83E-04	6.67E-08	2.01E-07	1.17E-07	1.20E-07	1.09E-07	4.96E-08	4.59E-08	2.23E-09	5.38E-08	1.19E-08	1.63E-08	2.58E-08	4.55E-09	2.41E-08	1.39E-07
6085	475110.86	3848960.97	1.88E-04	1.93E-04	1.79E-04	6.52E-08	1.97E-07	1.14E-07	1.17E-07	1.06E-07	4.84E-08	4.48E-08	2.18E-09	5.26E-08	1.16E-08	1.59E-08	2.52E-08	4.44E-09	2.35E-08	1.35E-07
6086	475037.79	3848896.28	1.84E-04	1.89E-04	1.75E-04	6.37E-08	1.92E-07	1.11E-07	1.14E-07	1.04E-07	4.73E-08	4.38E-08	2.13E-09	5.14E-08	1.13E-08	1.55E-08	2.46E-08	4.34E-09	2.30E-08	1.32E-07
6087	474964.72	3848831.59	1.80E-04	1.85E-04	1.71E-04	6.24E-08	1.88E-07	1.09E-07	1.12E-07	1.02E-07	4.64E-08	4.29E-08	2.08E-09	5.03E-08	1.11E-08	1.52E-08	2.41E-08	4.25E-09	2.25E-08	1.30E-07
6088	474891.65	3848766.9	1.78E-04	1.83E-04	1.69E-04	6.15E-08	1.86E-07	1.08E-07	1.11E-07	1.00E-07	4.57E-08	4.23E-08	2.06E-09	4.96E-08	1.10E-08	1.50E-08	2.38E-08	4.20E-09	2.22E-08	1.28E-07

6089	474818.58	3848702.22	1.76E-04	1.81E-04	1.68E-04	6.11E-08	1.84E-07	1.07E-07	1.10E-07	9.94E-08	4.54E-08	4.20E-08	2.04E-09	4.93E-08	1.09E-08	1.49E-08	2.36E-08	4.16E-09	2.20E-08	1.27E-07
6090	474745.51	3848637.53	1.78E-04	1.83E-04	1.70E-04	6.17E-08	1.86E-07	1.08E-07	1.11E-07	1.00E-07	4.58E-08	4.25E-08	2.06E-09	4.98E-08	1.10E-08	1.50E-08	2.39E-08	4.21E-09	2.23E-08	1.28E-07
6091	474672.44	3848572.84	1.78E-04	1.82E-04	1.69E-04	6.16E-08	1.86E-07	1.08E-07	1.10E-07	1.00E-07	4.57E-08	4.25E-08	2.06E-09	4.96E-08	1.10E-08	1.50E-08	2.38E-08	4.19E-09	2.23E-08	1.28E-07
6092	474599.37	3848508.15	1.74E-04	1.79E-04	1.66E-04	6.03E-08	1.82E-07	1.05E-07	1.08E-07	9.81E-08	4.48E-08	4.16E-08	2.01E-09	4.86E-08	1.07E-08	1.47E-08	2.33E-08	4.11E-09	2.18E-08	1.25E-07
6093	474526.3	3848443.46	1.72E-04	1.77E-04	1.64E-04	5.96E-08	1.80E-07	1.04E-07	1.07E-07	9.70E-08	4.42E-08	4.11E-08	1.99E-09	4.81E-08	1.06E-08	1.45E-08	2.30E-08	4.06E-09	2.16E-08	1.24E-07

			2028	2033	2048	Residential Dose							Risk by Age Group							
Rec#	X	Y	Conc	Conc	Conc	3rd	0<2	2<9 (2028)	2<9 (2033)	9<16	16<70(2033)	16<70(2048)	3rd	0<2	2<9 (2028)	2<9 (2033)	9<16	16<70(2033)	16<70(2048)	Total Risk
1	485973.61	3854936.51	1.33E-03	1.54E-03	6.91E-04	4.60E-07	1.39E-06	8.03E-07	9.30E-07	8.43E-07	3.85E-07	1.73E-07	1.53E-08	3.71E-07	8.18E-08	1.26E-07	2.00E-07	3.53E-08	9.08E-08	9.21E-07
2	486023.61	3854936.51	1.30E-03	1.50E-03	6.75E-04	4.49E-07	1.36E-06	7.85E-07	9.10E-07	8.24E-07	3.76E-07	1.69E-07	1.50E-08	3.62E-07	8.00E-08	1.23E-07	1.96E-07	3.45E-08	8.88E-08	9.00E-07
3	486073.61	3854936.51	1.28E-03	1.48E-03	6.67E-04	4.44E-07	1.34E-06	7.76E-07	8.99E-07	8.15E-07	3.72E-07	1.67E-07	1.48E-08	3.58E-07	7.90E-08	1.22E-07	1.94E-07	3.41E-08	8.77E-08	8.89E-07
4	486123.61	3854936.51	1.23E-03	1.43E-03	6.42E-04	4.27E-07	1.29E-06	7.47E-07	8.65E-07	7.84E-07	3.58E-07	1.61E-07	1.43E-08	3.45E-07	7.61E-08	1.17E-07	1.86E-07	3.28E-08	8.45E-08	8.56E-07
5	486173.61	3854936.51	1.24E-03	1.43E-03	6.44E-04	4.28E-07	1.29E-06	7.49E-07	8.67E-07	7.86E-07	3.59E-07	1.61E-07	1.43E-08	3.45E-07	7.62E-08	1.18E-07	1.87E-07	3.29E-08	8.47E-08	8.58E-07
6	486223.61	3854936.51	1.21E-03	1.40E-03	6.30E-04	4.19E-07	1.27E-06	7.32E-07	8.48E-07	7.69E-07	3.51E-07	1.58E-07	1.40E-08	3.38E-07	7.46E-08	1.15E-07	1.83E-07	3.22E-08	8.28E-08	8.39E-07
7	486273.61	3854936.51	1.19E-03	1.38E-03	6.21E-04	4.13E-07	1.25E-06	7.22E-07	8.36E-07	7.57E-07	3.46E-07	1.56E-07	1.38E-08	3.33E-07	7.35E-08	1.13E-07	1.80E-07	3.17E-08	8.16E-08	8.27E-07
8	486323.61	3854936.51	1.18E-03	1.36E-03	6.13E-04	4.08E-07	1.23E-06	7.13E-07	8.25E-07	7.48E-07	3.41E-07	1.54E-07	1.36E-08	3.29E-07	7.26E-08	1.12E-07	1.78E-07	3.13E-08	8.06E-08	8.17E-07
9	485973.61	3854986.51	1.58E-03	1.83E-03	8.21E-04	5.47E-07	1.65E-06	9.56E-07	1.11E-06	1.00E-06	4.58E-07	2.06E-07	1.83E-08	4.41E-07	9.73E-08	1.50E-07	2.38E-07	4.20E-08	1.08E-07	1.10E-06
10	486023.61	3854986.51	1.54E-03	1.79E-03	8.04E-04	5.35E-07	1.62E-06	9.35E-07	1.08E-06	9.81E-07	4.48E-07	2.01E-07	1.79E-08	4.31E-07	9.52E-08	1.47E-07	2.33E-07	4.11E-08	1.06E-07	1.07E-06
11	486073.61	3854986.51	1.50E-03	1.74E-03	7.81E-04	5.20E-07	1.57E-06	9.08E-07	1.05E-06	9.54E-07	4.35E-07	1.96E-07	1.74E-08	4.19E-07	9.25E-08	1.43E-07	2.27E-07	3.99E-08	1.03E-07	1.04E-06
12	486123.61	3854986.51	1.46E-03	1.69E-03	7.60E-04	5.06E-07	1.53E-06	8.84E-07	1.02E-06	9.28E-07	4.23E-07	1.90E-07	1.69E-08	4.08E-07	9.00E-08	1.39E-07	2.21E-07	3.89E-08	9.99E-08	1.01E-06
13	486173.61	3854986.51	1.44E-03	1.67E-03	7.51E-04	5.00E-07	1.51E-06	8.73E-07	1.01E-06	9.17E-07	4.18E-07	1.88E-07	1.67E-08	4.03E-07	8.89E-08	1.37E-07	2.18E-07	3.84E-08	9.87E-08	1.00E-06
14	486223.61	3854986.51	1.40E-03	1.62E-03	7.30E-04	4.86E-07	1.47E-06	8.49E-07	9.83E-07	8.91E-07	4.07E-07	1.83E-07	1.62E-08	3.92E-07	8.65E-08	1.33E-07	2.12E-07	3.73E-08	9.60E-08	9.73E-07
15	486273.61	3854986.51	1.36E-03	1.57E-03	7.08E-04	4.71E-07	1.42E-06	8.23E-07	9.53E-07	8.64E-07	3.94E-07	1.77E-07	1.57E-08	3.80E-07	8.38E-08	1.29E-07	2.05E-07	3.62E-08	9.31E-08	9.43E-07
16	486323.61	3854986.51	1.36E-03	1.58E-03	7.09E-04	4.72E-07	1.42E-06	8.25E-07	9.55E-07	8.66E-07	3.95E-07	1.78E-07	1.58E-08	3.81E-07	8.40E-08	1.30E-07	2.06E-07	3.63E-08	9.33E-08	9.45E-07
17	485973.61	3855036.51	1.87E-03	2.17E-03	9.76E-04	6.50E-07	1.96E-06	1.14E-06	1.32E-06	1.19E-06	5.44E-07	2.44E-07	2.17E-08	5.24E-07	1.16E-07	1.79E-07	2.83E-07	4.99E-08	1.28E-07	1.30E-06
18	486023.61	3855036.51	1.82E-03	2.10E-03	9.45E-04	6.29E-07	1.90E-06	1.10E-06	1.27E-06	1.15E-06	5.27E-07	2.37E-07	2.10E-08	5.08E-07	1.12E-07	1.73E-07	2.74E-07	4.84E-08	1.24E-07	1.26E-06
19	486073.61	3855036.51	1.74E-03	2.02E-03	9.08E-04	6.04E-07	1.83E-06	1.06E-06	1.22E-06	1.11E-06	5.06E-07	2.27E-07	2.02E-08	4.88E-07	1.08E-07	1.66E-07	2.64E-07	4.64E-08	1.19E-07	1.21E-06
20	486123.61	3855036.51	1.69E-03	1.96E-03	8.81E-04	5.87E-07	1.77E-06	1.03E-06	1.19E-06	1.08E-06	4.91E-07	2.21E-07	1.96E-08	4.73E-07	1.04E-07	1.61E-07	2.56E-07	4.51E-08	1.16E-07	1.18E-06
21	486173.61	3855036.51	1.67E-03	1.93E-03	8.68E-04	5.78E-07	1.74E-06	1.01E-06	1.17E-06	1.06E-06	4.84E-07	2.17E-07	1.93E-08	4.66E-07	1.03E-07	1.59E-07	2.52E-07	4.44E-08	1.14E-07	1.16E-06
22	486223.61	3855036.51	1.60E-03	1.86E-03	8.35E-04	5.56E-07	1.68E-06	9.72E-07	1.13E-06	1.02E-06	4.65E-07	2.09E-07	1.86E-08	4.48E-07	9.90E-08	1.53E-07	2.42E-07	4.27E-08	1.10E-07	1.11E-06
23	486273.61	3855036.51	1.59E-03	1.84E-03	8.26E-04	5.50E-07	1.66E-06	9.61E-07	1.11E-06	1.01E-06	4.60E-07	2.07E-07	1.84E-08	4.43E-07	9.78E-08	1.51E-07	2.40E-07	4.22E-08	1.09E-07	1.10E-06
24	486323.61	3855036.51	1.54E-03	1.79E-03	8.04E-04	5.35E-07	1.61E-06	9.35E-07	1.08E-06	9.81E-07	4.48E-07	2.01E-07	1.79E-08	4.31E-07	9.52E-08	1.47E-07	2.33E-07	4.11E-08	1.06E-07	1.07E-06
25	485973.61	3855086.51	2.20E-03	2.54E-03	1.14E-03	7.61E-07	2.30E-06	1.33E-06	1.54E-06	1.40E-06	6.38E-07	2.86E-07	2.54E-08	6.14E-07	1.36E-07	2.09E-07	3.32E-07	5.85E-08	1.50E-07	1.53E-06
26	486023.61	3855086.51	2.13E-03	2.47E-03	1.11E-03	7.39E-07	2.23E-06	1.29E-06	1.50E-06	1.36E-06	6.19E-07	2.78E-07	2.47E-08	5.96E-07	1.32E-07	2.03E-07	3.22E-07	5.68E-08	1.46E-07	1.48E-06
27	486073.61	3855086.51	2.03E-03	2.36E-03	1.06E-03	7.05E-07	2.13E-06	1.23E-06	1.43E-06	1.29E-06	5.90E-07	2.65E-07	2.35E-08	5.69E-07	1.25E-07	1.94E-07	3.07E-07	5.42E-08	1.39E-07	1.41E-06
28	486123.61	3855086.51	1.98E-03	2.29E-03	1.03E-03	6.86E-07	2.07E-06	1.20E-06	1.39E-06	1.26E-06	5.74E-07	2.58E-07	2.29E-08	5.53E-07	1.22E-07	1.89E-07	2.99E-07	5.27E-08	1.35E-07	1.37E-06
29	486173.61	3855086.51	1.90E-03	2.20E-03	9.90E-04	6.59E-07	1.99E-06	1.15E-06	1.33E-06	1.21E-06	5.52E-07	2.48E-07	2.20E-08	5.32E-07	1.17E-07	1.81E-07	2.87E-07	5.06E-08	1.30E-07	1.32E-06
30	486223.61	3855086.51	1.85E-03	2.14E-03	9.64E-04	6.42E-07	1.94E-06	1.12E-06	1.30E-06	1.18E-06	5.37E-07	2.42E-07	2.14E-08	5.18E-07	1.14E-07	1.76E-07	2.80E-07	4.93E-08	1.27E-07	1.29E-06
31	485973.61	3855136.51	2.58E-03	2.99E-03	1.34E-03	8.94E-07	2.70E-06	1.56E-06	1.81E-06	1.64E-06	7.48E-07	3.36E-07	2.98E-08	7.21E-07	1.59E-07	2.46E-07	3.90E-07	6.87E-08	1.76E-07	1.79E-06
32	486023.61	3855136.51	2.47E-03	2.86E-03	1.29E-03	8.57E-07	2.59E-06	1.50E-06	1.73E-06	1.57E-06	7.17E-07	3.22E-07	2.86E-08	6.91E-07	1.52E-07	2.35E-07	3.73E-07	6.58E-08	1.69E-07	1.72E-06
33	486073.61	3855136.51	2.37E-03	2.74E-03	1.23E-03	8.20E-07	2.48E-06	1.43E-06	1.66E-06	1.51E-06	6.87E-07	3.09E-07	2.74E-08	6.62E-07	1.46E-07	2.25E-07	3.58E-07	6.30E-08	1.62E-07	1.64E-06
34	486123.61	3855136.51	2.28E-03	2.64E-03	1.19E-03	7.90E-07	2.39E-06	1.38E-06	1.60E-06	1.45E-06	6.61E-07	2.97E-07	2.64E-08	6.37E-07	1.41E-07	2.17E-07	3.44E-07	6.07E-08	1.56E-07	1.58E-06
35	486173.61	3855136.51	2.19E-03	2.53E-03	1.14E-03	7.59E-07	2.29E-06	1.33E-06	1.54E-06	1.39E-06	6.35E-07	2.85E-07	2.53E-08	6.12E-07	1.35E-07	2.08E-07	3.31E-07	5.83E-08	1.50E-07	1.52E-06
36	486223.61	3855136.51	2.11E-03	2.45E-03	1.10E-03	7.32E-07	2.21E-06	1.28E-06	1.48E-06	1.34E-06	6.13E-07	2.76E-07	2.44E-08	5.91E-07	1.30E-07	2.01E-07	3.19E-07	5.63E-08	1.45E-07	1.47E-06
37	485973.61	3855186.51	3.00E-03	3.47E-03	1.56E-03	1.04E-06	3.14E-06	1.82E-06	2.10E-06	1.91E-06	8.70E-07	3.91E-07	3.47E-08	8.39E-07	1.85E-07	2.86E-07	4.53E-07	7.99E-08	2.05E-07	2.08E-06
38	486023.61	3855186.51	2.87E-03	3.32E-03	1.49E-03	9.94E-07	3.00E-06	1.74E-06	2.01E-06	1.82E-06	8.32E-07	3.74E-07	3.32E-08	8.02E-07	1.77E-07	2.73E-07	4.33E-07	7.64E-08	1.96E-07	1.99E-06
39	486073.61	3855186.51	2.72E-03	3.15E-03	1.41E-03	9.41E-07	2.84E-06	1.65E-06	1.91E-06	1.73E-06	7.88E-07	3.54E-07	3.14E-08	7.59E-07	1.68E-07	2.59E-07	4.10E-07	7.23E-08	1.86E-07	1.89E-06
40	486123.61	3855186.51	2.58E-03	2.99E-03	1.34E-03	8.94E-07	2.70E-06	1.56E-06	1.81E-06	1.64E-06	7.48E-07	3.36E-07	2.98E-08	7.21E-07	1.59E-07	2.46E-07	3.90E-07	6.87E-08	1.76E-07	1.79E-06
41	486173.61	3855186.51	2.48E-03	2.87E-03	1.29E-03	8.59E-07	2.59E-06	1.50E-06	1.74E-06	1.58E-06	7.19E-07	3.23E-07	2.87E-08	6.93E-07	1.53E-07	2.36E-07	3.74E-07	6.60E-08	1.70E-07	1.72E-06
42	486223.61	3855186.51	2.38E-03	2.76E-03	1.24E-03	8.26E-07	2.49E-06	1.44E-06	1.67E-06	1.52E-06	6.91E-07	3.11E-07	2.76E-08	6.66E-07	1.47E-07	2.27E-07	3.60E-07	6.35E-08	1.63E-07	1.65E-06
43	486273.61	3855186.51	2.29E-03	2.65E-03	1.19E-03	7.93E-07	2.39E-06	1.39E-06	1.60E-06	1.45E-06	6.64E-07	2.98E-07	2.65E-08	6.40E-07	1.41E-07	2.18E-07	3.46E-07	6.09E-08	1.57E-07	1.59E-06
44	486323.61	3855186.51	2.28E-03	2.64E-03	1.18E-03	7.89E-07	2.38E-06	1.38E-06	1.60E-06	1.45E-06	6.61E-07	2.97E-07	2.63E-08	6.36E-07	1.40E-07	2.17E-07	3.44E-07	6.06E-08	1.56E-07	1.58E-06
45	485973.61	3855236.51	3.45E-03	3.99E-03	1.79E-03	1.20E-06	3.61E-06	2.09E-06	2.42E-06	2.19E-06	1.00E-06	4.49E-07	3.99E-08	9.64E-07	2.13E-07	3.29E-07	5.21E-07	9.18E-08	2.36E-07	2.39E-06

46	486023.61	3855236.51	3.25E-03	3.77E-03	1.69E-03	1.13E-06	3.40E-06	1.97E-06	2.28E-06	2.07E-06	9.44E-07	4.24E-07	3.76E-08	9.09E-07	2.01E-07	3.10E-07	4.91E-07	8.66E-08	2.22E-07	2.26E-06
47	486073.61	3855236.51	3.06E-03	3.55E-03	1.59E-03	1.06E-06	3.21E-06	1.86E-06	2.15E-06	1.95E-06	8.89E-07	3.99E-07	3.55E-08	8.57E-07	1.89E-07	2.92E-07	4.63E-07	8.16E-08	2.10E-07	2.13E-06
48	486123.61	3855236.51	2.92E-03	3.38E-03	1.52E-03	1.01E-06	3.06E-06	1.77E-06	2.05E-06	1.86E-06	8.48E-07	3.81E-07	3.38E-08	8.17E-07	1.80E-07	2.78E-07	4.42E-07	7.78E-08	2.00E-07	2.03E-06
49	486173.61	3855236.51	2.80E-03	3.24E-03	1.46E-03	9.69E-07	2.93E-06	1.69E-06	1.96E-06	1.78E-06	8.12E-07	3.65E-07	3.24E-08	7.82E-07	1.73E-07	2.66E-07	4.23E-07	7.45E-08	1.91E-07	1.94E-06
50	486223.61	3855236.51	2.67E-03	3.10E-03	1.39E-03	9.26E-07	2.80E-06	1.62E-06	1.88E-06	1.70E-06	7.76E-07	3.49E-07	3.09E-08	7.47E-07	1.65E-07	2.55E-07	4.04E-07	7.12E-08	1.83E-07	1.86E-06
51	486273.61	3855236.51	2.52E-03	2.92E-03	1.31E-03	8.73E-07	2.64E-06	1.53E-06	1.77E-06	1.60E-06	7.31E-07	3.29E-07	2.92E-08	7.05E-07	1.55E-07	2.40E-07	3.81E-07	6.71E-08	1.72E-07	1.75E-06
52	486323.61	3855236.51	2.54E-03	2.94E-03	1.32E-03	8.81E-07	2.66E-06	1.54E-06	1.78E-06	1.62E-06	7.38E-07	3.31E-07	2.94E-08	7.11E-07	1.57E-07	2.42E-07	3.84E-07	6.77E-08	1.74E-07	1.76E-06
53	485973.61	3855286.51	3.93E-03	4.55E-03	2.04E-03	1.36E-06	4.11E-06	2.38E-06	2.75E-06	2.50E-06	1.14E-06	5.12E-07	4.54E-08	1.10E-06	2.42E-07	3.74E-07	5.93E-07	1.05E-07	2.68E-07	2.72E-06
54	486023.61	3855286.51	3.68E-03	4.26E-03	1.91E-03	1.27E-06	3.85E-06	2.23E-06	2.58E-06	2.34E-06	1.07E-06	4.79E-07	4.26E-08	1.03E-06	2.27E-07	3.50E-07	5.56E-07	9.79E-08	2.51E-07	2.55E-06
55	486073.61	3855286.51	3.47E-03	4.02E-03	1.81E-03	1.20E-06	3.63E-06	2.10E-06	2.44E-06	2.21E-06	1.01E-06	4.53E-07	4.02E-08	9.71E-07	2.14E-07	3.31E-07	5.25E-07	9.25E-08	2.37E-07	2.41E-06
56	486123.61	3855286.51	3.28E-03	3.79E-03	1.70E-03	1.14E-06	3.43E-06	1.98E-06	2.30E-06	2.08E-06	9.51E-07	4.27E-07	3.79E-08	9.16E-07	2.02E-07	3.12E-07	4.95E-07	8.72E-08	2.24E-07	2.27E-06
57	486173.61	3855286.51	3.11E-03	3.60E-03	1.62E-03	1.08E-06	3.25E-06	1.88E-06	2.18E-06	1.98E-06	9.02E-07	4.05E-07	3.60E-08	8.69E-07	1.92E-07	2.96E-07	4.70E-07	8.28E-08	2.13E-07	2.16E-06
58	486223.61	3855286.51	2.98E-03	3.45E-03	1.55E-03	1.03E-06	3.12E-06	1.81E-06	2.09E-06	1.90E-06	8.65E-07	3.89E-07	3.45E-08	8.34E-07	1.84E-07	2.84E-07	4.51E-07	7.94E-08	2.04E-07	2.07E-06
59	486123.61	3855336.51	3.65E-03	4.23E-03	1.90E-03	1.27E-06	3.82E-06	2.21E-06	2.56E-06	2.32E-06	1.06E-06	4.76E-07	4.22E-08	1.02E-06	2.25E-07	3.48E-07	5.52E-07	9.72E-08	2.50E-07	2.53E-06
60	486173.61	3855336.51	3.48E-03	4.03E-03	1.81E-03	1.20E-06	3.64E-06	2.11E-06	2.44E-06	2.21E-06	1.01E-06	4.53E-07	4.02E-08	9.72E-07	2.14E-07	3.31E-07	5.25E-07	9.26E-08	2.38E-07	2.41E-06
61	486223.61	3855336.51	3.31E-03	3.83E-03	1.72E-03	1.15E-06	3.46E-06	2.00E-06	2.32E-06	2.10E-06	9.60E-07	4.31E-07	3.83E-08	9.25E-07	2.04E-07	3.15E-07	5.00E-07	8.81E-08	2.26E-07	2.30E-06
62	486123.61	3855386.51	4.06E-03	4.70E-03	2.11E-03	1.41E-06	4.25E-06	2.46E-06	2.85E-06	2.58E-06	1.18E-06	5.29E-07	4.70E-08	1.14E-06	2.50E-07	3.87E-07	6.14E-07	1.08E-07	2.78E-07	2.82E-06
63	486173.61	3855386.51	3.86E-03	4.47E-03	2.01E-03	1.34E-06	4.03E-06	2.34E-06	2.70E-06	2.45E-06	1.12E-06	5.02E-07	4.46E-08	1.08E-06	2.38E-07	3.67E-07	5.83E-07	1.03E-07	2.64E-07	2.68E-06
64	486223.61	3855386.51	3.68E-03	4.26E-03	1.91E-03	1.27E-06	3.85E-06	2.23E-06	2.58E-06	2.34E-06	1.07E-06	4.79E-07	4.25E-08	1.03E-06	2.27E-07	3.50E-07	5.55E-07	9.79E-08	2.51E-07	2.55E-06
65	486533.18	3855443.15	3.20E-03	3.71E-03	1.67E-03	1.11E-06	3.35E-06	1.94E-06	2.25E-06	2.04E-06	9.30E-07	4.18E-07	3.71E-08	8.96E-07	1.98E-07	3.05E-07	4.84E-07	8.53E-08	2.19E-07	2.22E-06
66	486583.18	3855443.15	3.08E-03	3.57E-03	1.60E-03	1.07E-06	3.22E-06	1.87E-06	2.16E-06	1.96E-06	8.94E-07	4.02E-07	3.57E-08	8.61E-07	1.90E-07	2.93E-07	4.65E-07	8.20E-08	2.11E-07	2.14E-06
67	486633.18	3855443.15	2.97E-03	3.43E-03	1.54E-03	1.03E-06	3.10E-06	1.80E-06	2.08E-06	1.89E-06	8.60E-07	3.87E-07	3.43E-08	8.29E-07	1.83E-07	2.82E-07	4.48E-07	7.90E-08	2.03E-07	2.06E-06
68	486683.18	3855443.15	2.88E-03	3.34E-03	1.50E-03	9.99E-07	3.01E-06	1.75E-06	2.02E-06	1.83E-06	8.36E-07	3.76E-07	3.33E-08	8.05E-07	1.78E-07	2.74E-07	4.35E-07	7.67E-08	1.97E-07	2.00E-06
69	486533.18	3855493.15	3.47E-03	4.02E-03	1.81E-03	1.20E-06	3.63E-06	2.10E-06	2.44E-06	2.21E-06	1.01E-06	4.53E-07	4.02E-08	9.71E-07	2.14E-07	3.31E-07	5.25E-07	9.25E-08	2.38E-07	2.41E-06
70	486583.18	3855493.15	3.35E-03	3.87E-03	1.74E-03	1.16E-06	3.50E-06	2.03E-06	2.35E-06	2.13E-06	9.71E-07	4.36E-07	3.87E-08	9.35E-07	2.06E-07	3.19E-07	5.05E-07	8.91E-08	2.29E-07	2.32E-06
71	486633.18	3855493.15	3.22E-03	3.73E-03	1.67E-03	1.12E-06	3.37E-06	1.95E-06	2.26E-06	2.05E-06	9.34E-07	4.20E-07	3.72E-08	9.00E-07	1.99E-07	3.07E-07	4.86E-07	8.57E-08	2.20E-07	2.23E-06
72	486683.18	3855493.15	3.10E-03	3.59E-03	1.61E-03	1.07E-06	3.25E-06	1.88E-06	2.18E-06	1.97E-06	9.00E-07	4.04E-07	3.59E-08	8.67E-07	1.91E-07	2.95E-07	4.69E-07	8.26E-08	2.12E-07	2.15E-06
73	486533.18	3855543.15	3.77E-03	4.37E-03	1.96E-03	1.31E-06	3.95E-06	2.29E-06	2.65E-06	2.40E-06	1.10E-06	4.92E-07	4.37E-08	1.06E-06	2.33E-07	3.60E-07	5.70E-07	1.01E-07	2.58E-07	2.62E-06
74	486583.18	3855543.15	3.59E-03	4.16E-03	1.87E-03	1.25E-06	3.76E-06	2.18E-06	2.52E-06	2.29E-06	1.04E-06	4.69E-07	4.16E-08	1.00E-06	2.22E-07	3.42E-07	5.43E-07	9.57E-08	2.46E-07	2.50E-06
75	486633.18	3855543.15	3.46E-03	4.01E-03	1.80E-03	1.20E-06	3.62E-06	2.10E-06	2.43E-06	2.20E-06	1.00E-06	4.51E-07	4.01E-08	9.68E-07	2.14E-07	3.30E-07	5.23E-07	9.22E-08	2.37E-07	2.40E-06
76	486683.18	3855543.15	3.30E-03	3.82E-03	1.72E-03	1.14E-06	3.46E-06	2.00E-06	2.32E-06	2.10E-06	9.58E-07	4.30E-07	3.82E-08	9.23E-07	2.04E-07	3.15E-07	4.99E-07	8.79E-08	2.26E-07	2.29E-06
77	486533.18	3855593.15	4.07E-03	4.71E-03	2.12E-03	1.41E-06	4.25E-06	2.46E-06	2.85E-06	2.59E-06	1.18E-06	5.30E-07	4.71E-08	1.14E-06	2.51E-07	3.87E-07	6.14E-07	1.08E-07	2.78E-07	2.82E-06
78	486583.18	3855593.15	3.88E-03	4.50E-03	2.02E-03	1.35E-06	4.06E-06	2.35E-06	2.72E-06	2.47E-06	1.13E-06	5.06E-07	4.49E-08	1.09E-06	2.39E-07	3.70E-07	5.87E-07	1.03E-07	2.66E-07	2.69E-06
79	486633.18	3855593.15	3.72E-03	4.31E-03	1.94E-03	1.29E-06	3.89E-06	2.25E-06	2.61E-06	2.37E-06	1.08E-06	4.85E-07	4.31E-08	1.04E-06	2.29E-07	3.54E-07	5.62E-07	9.91E-08	2.55E-07	2.58E-06
80	486683.18	3855593.15	3.59E-03	4.15E-03	1.87E-03	1.24E-06	3.75E-06	2.17E-06	2.52E-06	2.28E-06	1.04E-06	4.68E-07	4.15E-08	1.00E-06	2.21E-07	3.42E-07	5.42E-07	9.55E-08	2.45E-07	2.49E-06
81	486533.18	3855643.15	4.38E-03	5.07E-03	2.28E-03	1.52E-06	4.58E-06	2.65E-06	3.07E-06	2.79E-06	1.27E-06	5.71E-07	5.07E-08	1.22E-06	2.70E-07	4.17E-07	6.62E-07	1.17E-07	3.00E-07	3.04E-06
82	486583.18	3855643.15	4.19E-03	4.85E-03	2.18E-03	1.45E-06	4.38E-06	2.54E-06	2.94E-06	2.66E-06	1.21E-06	5.45E-07	4.84E-08	1.17E-06	2.58E-07	3.99E-07	6.32E-07	1.11E-07	2.86E-07	2.91E-06
83	486633.18	3855643.15	4.00E-03	4.64E-03	2.08E-03	1.39E-06	4.19E-06	2.43E-06	2.81E-06	2.55E-06	1.16E-06	5.22E-07	4.63E-08	1.12E-06	2.47E-07	3.81E-07	6.05E-07	1.07E-07	2.74E-07	2.78E-06
84	486683.18	3855643.15	3.84E-03	4.45E-03	2.00E-03	1.33E-06	4.02E-06	2.33E-06	2.70E-06	2.44E-06	1.12E-06	5.01E-07	4.45E-08	1.07E-06	2.37E-07	3.66E-07	5.81E-07	1.02E-07	2.63E-07	2.67E-06
85	486533.18	3855693.15	4.74E-03	5.49E-03	2.47E-03	1.64E-06	4.96E-06	2.87E-06	3.33E-06	3.01E-06	1.38E-06	6.18E-07	5.48E-08	1.32E-06	2.92E-07	4.51E-07	7.16E-07	1.26E-07	3.24E-07	3.29E-06
86	486583.18	3855693.15	4.48E-03	5.19E-03	2.33E-03	1.55E-06	4.69E-06	2.71E-06	3.14E-06	2.85E-06	1.30E-06	5.84E-07	5.18E-08	1.25E-06	2.76E-07	4.27E-07	6.77E-07	1.19E-07	3.06E-07	3.11E-06
87	486633.18	3855693.15	4.24E-03	4.91E-03	2.20E-03	1.47E-06	4.43E-06	2.57E-06	2.97E-06	2.69E-06	1.23E-06	5.52E-07	4.90E-08	1.18E-06	2.61E-07	4.03E-07	6.40E-07	1.13E-07	2.90E-07	2.94E-06
88	486683.18	3855693.15	4.11E-03	4.76E-03	2.14E-03	1.42E-06	4.30E-06	2.49E-06	2.88E-06	2.61E-06	1.19E-06	5.36E-07	4.76E-08	1.15E-06	2.53E-07	3.91E-07	6.21E-07	1.09E-07	2.81E-07	2.85E-06
89	486733.18	3855693.15	4.03E-03	4.66E-03	2.10E-03	1.40E-06	4.21E-06	2.44E-06	2.83E-06	2.56E-06	1.17E-06	5.25E-07	4.66E-08	1.13E-06	2.48E-07	3.84E-07	6.09E-07	1.07E-07	2.76E-07	2.80E-06
90	486783.18	3855693.15	3.97E-03	4.60E-03	2.06E-03	1.38E-06	4.15E-06	2.40E-06	2.78E-06	2.52E-06	1.15E-06	5.17E-07	4.59E-08	1.11E-06	2.45E-07	3.78E-07	6.00E-07	1.06E-07	2.72E-07	2.76E-06
91	486533.18	3855743.15	5.09E-03	5.89E-03	2.64E-03	1.76E-06	5.32E-06	3.08E-06	3.57E-06	3.23E-06	1.48E-06	6.63E-07	5.89E-08	1.42E-06	3.14E-07	4.84E-07	7.68E-07	1.35E-07	3.48E-07	3.53E-06
92	486583.18	3855743.15	4.76E-03	5.52E-03	2.48E-03	1.65E-06	4.98E-06	2.89E-06	3.34E-06	3.03E-06	1.38E-06	6.21E-07	5.51E-08	1.33E-06	2.94E-07	4.54E-07	7.20E-07	1.27E-07	3.26E-07	3.31E-06
93	486633.18	3855743.15	4.53E-03	5.25E-03	2.36E-03	1.57E-06	4.74E-06	2.75E-06	3.18E-06	2.88E-06	1.32E-06	5.91E-07	5.25E-08	1.27E-06	2.80E-07	4.32E-07	6.85E-07	1.21E-07	3.10E-07	3.15E-06
94	486683.18	3855743.15	4.42E-03	5.12E-03	2.30E-03	1.53E-06	4.63E-06	2.68E-06	3.10E-06	2.81E-06	1.28E-06	5.76E-07	5.12E-08	1.24E-06	2.73E-07	4.21E-07	6.68E-07	1.18E-07	3.02E-07	3.07E-06
95	486733.18	3855743.15	4.28E-03	4.96E-03	2.23E-03	1.48E-06	4.48E-06	2.59E-06	3.00E-06	2.72E-06	1.24E-06	5.58E-07	4.96E-08	1.20E-06	2.64E-07	4.08E-07	6.47E-07	1.14E-07	2.93E-07	2.97E-06
96	486783.18	3855743.15	4.24E-03	4.91E-03	2.21E-03	1.47E-06	4.44E-06	2.57E-06	2.98E-06	2.70E-06	1.23E-06	5.53E-07	4.91E-08	1.19E-06	2.62E-07	4.04E-07	6.41E-07	1.13E-07	2.90E-07	2.94E-06
97	486533.18	3855793.15	5.46E-03	6.32E-03	2.84E-03	1.89E-06	5.71E-06	3.31E-06	3.83E-06	3.47E-06	1.58E-06	7.11E-07	6.32E-08	1.53E-06	3.37E-07	5.20E-07	8.25E-07	1.45E-07	3.73E-07	3.79E-06
98	486583.18	3855793.15	5.04E-03	5.83E-03	2.62E-03	1.75E-06	5.27E-06	3.05E-06	3.53E-06	3.20E-06	1.46E-06	6.56E-07	5.83E-08	1.41E-06	3.11E-07	4.80E-07	7.61E-07	1.34E-07	3.44E-07	3.50E-06

99	486633.18	3855793.15	4.89E-03	5.67E-03	2.55E-03	1.70E-06	5.12E-06	2.96E-06	3.43E-06	3.11E-06	1.42E-06	6.38E-07	5.66E-08	1.37E-06	3.02E-07	4.66E-07	7.40E-07	1.30E-07	3.35E-07	3.40E-06
100	486683.18	3855793.15	4.77E-03	5.52E-03	2.48E-03	1.65E-06	4.99E-06	2.89E-06	3.35E-06	3.03E-06	1.38E-06	6.22E-07	5.52E-08	1.33E-06	2.94E-07	4.54E-07	7.21E-07	1.27E-07	3.26E-07	3.31E-06
101	486733.18	3855793.15	4.63E-03	5.36E-03	2.41E-03	1.60E-06	4.84E-06	2.80E-06	3.25E-06	2.94E-06	1.34E-06	6.03E-07	5.36E-08	1.29E-06	2.86E-07	4.41E-07	6.99E-07	1.23E-07	3.17E-07	3.21E-06
102	486783.18	3855793.15	4.51E-03	5.22E-03	2.35E-03	1.56E-06	4.72E-06	2.73E-06	3.16E-06	2.87E-06	1.31E-06	5.88E-07	5.22E-08	1.26E-06	2.78E-07	4.30E-07	6.82E-07	1.20E-07	3.09E-07	3.13E-06
103	486533.18	3855843.15	5.78E-03	6.70E-03	3.01E-03	2.00E-06	6.05E-06	3.50E-06	4.06E-06	3.68E-06	1.68E-06	7.54E-07	6.69E-08	1.62E-06	3.57E-07	5.51E-07	8.74E-07	1.54E-07	3.96E-07	4.01E-06
104	486583.18	3855843.15	5.40E-03	6.26E-03	2.81E-03	1.87E-06	5.65E-06	3.27E-06	3.79E-06	3.44E-06	1.57E-06	7.04E-07	6.25E-08	1.51E-06	3.33E-07	5.15E-07	8.16E-07	1.44E-07	3.70E-07	3.75E-06
105	486633.18	3855843.15	5.25E-03	6.08E-03	2.73E-03	1.82E-06	5.49E-06	3.18E-06	3.68E-06	3.34E-06	1.52E-06	6.84E-07	6.07E-08	1.47E-06	3.24E-07	5.00E-07	7.93E-07	1.40E-07	3.59E-07	3.64E-06
106	486683.18	3855843.15	5.11E-03	5.91E-03	2.66E-03	1.77E-06	5.34E-06	3.09E-06	3.58E-06	3.25E-06	1.48E-06	6.65E-07	5.91E-08	1.43E-06	3.15E-07	4.86E-07	7.72E-07	1.36E-07	3.49E-07	3.54E-06
107	486733.18	3855843.15	4.97E-03	5.75E-03	2.58E-03	1.72E-06	5.20E-06	3.01E-06	3.49E-06	3.16E-06	1.44E-06	6.48E-07	5.75E-08	1.39E-06	3.06E-07	4.73E-07	7.51E-07	1.32E-07	3.40E-07	3.45E-06
108	486783.18	3855843.15	4.83E-03	5.59E-03	2.51E-03	1.67E-06	5.05E-06	2.92E-06	3.39E-06	3.07E-06	1.40E-06	6.29E-07	5.59E-08	1.35E-06	2.98E-07	4.60E-07	7.29E-07	1.29E-07	3.30E-07	3.35E-06
109	486533.18	3855893.15	6.03E-03	6.99E-03	3.14E-03	2.09E-06	6.31E-06	3.65E-06	4.23E-06	3.84E-06	1.75E-06	7.86E-07	6.98E-08	1.69E-06	3.72E-07	5.75E-07	9.11E-07	1.61E-07	4.12E-07	4.19E-06
110	486583.18	3855893.15	5.83E-03	6.75E-03	3.03E-03	2.02E-06	6.10E-06	3.53E-06	4.09E-06	3.70E-06	1.69E-06	7.59E-07	6.74E-08	1.63E-06	3.59E-07	5.55E-07	8.80E-07	1.55E-07	3.98E-07	4.04E-06
111	486633.18	3855893.15	5.62E-03	6.51E-03	2.92E-03	1.95E-06	5.88E-06	3.41E-06	3.95E-06	3.58E-06	1.63E-06	7.33E-07	6.51E-08	1.57E-06	3.47E-07	5.36E-07	8.50E-07	1.50E-07	3.85E-07	3.90E-06
112	486683.18	3855893.15	5.46E-03	6.32E-03	2.84E-03	1.89E-06	5.71E-06	3.31E-06	3.83E-06	3.47E-06	1.58E-06	7.11E-07	6.32E-08	1.53E-06	3.37E-07	5.20E-07	8.25E-07	1.45E-07	3.73E-07	3.79E-06
113	486733.18	3855893.15	5.30E-03	6.14E-03	2.76E-03	1.84E-06	5.55E-06	3.21E-06	3.72E-06	3.37E-06	1.54E-06	6.91E-07	6.14E-08	1.48E-06	3.27E-07	5.05E-07	8.01E-07	1.41E-07	3.63E-07	3.68E-06
114	486783.18	3855893.15	5.17E-03	5.99E-03	2.69E-03	1.79E-06	5.41E-06	3.13E-06	3.63E-06	3.29E-06	1.50E-06	6.74E-07	5.99E-08	1.45E-06	3.19E-07	4.93E-07	7.82E-07	1.38E-07	3.54E-07	3.59E-06
115	486533.18	3855943.15	6.44E-03	7.46E-03	3.35E-03	2.23E-06	6.74E-06	3.90E-06	4.52E-06	4.10E-06	1.87E-06	8.39E-07	7.45E-08	1.80E-06	3.97E-07	6.13E-07	9.73E-07	1.72E-07	4.40E-07	4.47E-06
116	486583.18	3855943.15	6.28E-03	7.27E-03	3.27E-03	2.18E-06	6.57E-06	3.80E-06	4.41E-06	3.99E-06	1.82E-06	8.18E-07	7.27E-08	1.76E-06	3.87E-07	5.98E-07	9.49E-07	1.67E-07	4.29E-07	4.36E-06
117	486633.18	3855943.15	6.03E-03	6.98E-03	3.13E-03	2.09E-06	6.31E-06	3.65E-06	4.23E-06	3.83E-06	1.75E-06	7.85E-07	6.98E-08	1.68E-06	3.72E-07	5.74E-07	9.11E-07	1.61E-07	4.12E-07	4.18E-06
118	486683.18	3855943.15	5.86E-03	6.79E-03	3.05E-03	2.03E-06	6.13E-06	3.55E-06	4.11E-06	3.73E-06	1.70E-06	7.64E-07	6.78E-08	1.64E-06	3.62E-07	5.58E-07	8.86E-07	1.56E-07	4.01E-07	4.07E-06
119	486733.18	3855943.15	5.66E-03	6.56E-03	2.94E-03	1.96E-06	5.93E-06	3.43E-06	3.97E-06	3.60E-06	1.64E-06	7.38E-07	6.55E-08	1.58E-06	3.49E-07	5.39E-07	8.56E-07	1.51E-07	3.87E-07	3.93E-06
120	486783.18	3855943.15	5.52E-03	6.40E-03	2.87E-03	1.91E-06	5.78E-06	3.35E-06	3.87E-06	3.51E-06	1.60E-06	7.20E-07	6.39E-08	1.54E-06	3.41E-07	5.26E-07	8.34E-07	1.47E-07	3.78E-07	3.83E-06
121	486533.18	3855993.15	6.95E-03	8.05E-03	3.62E-03	2.41E-06	7.28E-06	4.21E-06	4.88E-06	4.42E-06	2.02E-06	9.06E-07	8.05E-08	1.94E-06	4.29E-07	6.62E-07	1.05E-06	1.85E-07	4.76E-07	4.83E-06
122	486583.18	3855993.15	6.71E-03	7.77E-03	3.49E-03	2.32E-06	7.02E-06	4.06E-06	4.71E-06	4.27E-06	1.95E-06	8.74E-07	7.76E-08	1.88E-06	4.14E-07	6.39E-07	1.01E-06	1.79E-07	4.59E-07	4.66E-06
123	486633.18	3855993.15	6.46E-03	7.49E-03	3.36E-03	2.24E-06	6.76E-06	3.92E-06	4.54E-06	4.11E-06	1.88E-06	8.42E-07	7.48E-08	1.81E-06	3.99E-07	6.16E-07	9.77E-07	1.72E-07	4.42E-07	4.49E-06
124	486683.18	3855993.15	6.27E-03	7.26E-03	3.26E-03	2.17E-06	6.56E-06	3.80E-06	4.40E-06	3.99E-06	1.82E-06	8.17E-07	7.26E-08	1.75E-06	3.87E-07	5.97E-07	9.48E-07	1.67E-07	4.29E-07	4.35E-06
125	486733.18	3855993.15	6.06E-03	7.01E-03	3.15E-03	2.10E-06	6.34E-06	3.67E-06	4.25E-06	3.85E-06	1.76E-06	7.89E-07	7.01E-08	1.69E-06	3.74E-07	5.77E-07	9.15E-07	1.61E-07	4.14E-07	4.20E-06
126	486783.18	3855993.15	5.87E-03	6.80E-03	3.05E-03	2.04E-06	6.15E-06	3.56E-06	4.12E-06	3.74E-06	1.70E-06	7.65E-07	6.80E-08	1.64E-06	3.62E-07	5.60E-07	8.88E-07	1.56E-07	4.02E-07	4.08E-06
127	486533.18	3856043.15	7.49E-03	8.67E-03	3.89E-03	2.60E-06	7.84E-06	4.54E-06	5.25E-06	4.76E-06	2.17E-06	9.76E-07	8.67E-08	2.09E-06	4.62E-07	7.13E-07	1.13E-06	1.99E-07	5.12E-07	5.20E-06
128	486583.18	3856043.15	7.23E-03	8.38E-03	3.76E-03	2.51E-06	7.57E-06	4.38E-06	5.07E-06	4.60E-06	2.10E-06	9.42E-07	8.37E-08	2.02E-06	4.46E-07	6.89E-07	1.09E-06	1.93E-07	4.95E-07	5.02E-06
129	486633.18	3856043.15	6.93E-03	8.03E-03	3.60E-03	2.40E-06	7.25E-06	4.20E-06	4.86E-06	4.41E-06	2.01E-06	9.03E-07	8.02E-08	1.94E-06	4.28E-07	6.60E-07	1.05E-06	1.85E-07	4.74E-07	4.81E-06
130	486683.18	3856043.15	6.72E-03	7.78E-03	3.49E-03	2.33E-06	7.03E-06	4.07E-06	4.72E-06	4.27E-06	1.95E-06	8.76E-07	7.78E-08	1.88E-06	4.15E-07	6.40E-07	1.02E-06	1.79E-07	4.60E-07	4.67E-06
131	486733.18	3856043.15	6.46E-03	7.49E-03	3.36E-03	2.24E-06	6.76E-06	3.92E-06	4.54E-06	4.11E-06	1.88E-06	8.42E-07	7.48E-08	1.81E-06	3.99E-07	6.16E-07	9.77E-07	1.72E-07	4.42E-07	4.49E-06
132	486783.18	3856043.15	6.29E-03	7.28E-03	3.27E-03	2.18E-06	6.58E-06	3.81E-06	4.41E-06	4.00E-06	1.82E-06	8.19E-07	7.28E-08	1.76E-06	3.88E-07	5.99E-07	9.50E-07	1.67E-07	4.30E-07	4.36E-06
133	486533.18	3856093.15	8.13E-03	9.42E-03	4.23E-03	2.82E-06	8.51E-06	4.93E-06	5.70E-06	5.17E-06	2.36E-06	1.06E-06	9.41E-08	2.27E-06	5.02E-07	7.74E-07	1.23E-06	2.17E-07	5.56E-07	5.64E-06
134	486583.18	3856093.15	7.78E-03	9.01E-03	4.05E-03	2.70E-06	8.14E-06	4.71E-06	5.46E-06	4.95E-06	2.26E-06	1.01E-06	9.01E-08	2.18E-06	4.80E-07	7.41E-07	1.18E-06	2.07E-07	5.32E-07	5.40E-06
135	486633.18	3856093.15	7.46E-03	8.64E-03	3.88E-03	2.58E-06	7.80E-06	4.52E-06	5.23E-06	4.74E-06	2.16E-06	9.72E-07	8.63E-08	2.08E-06	4.60E-07	7.10E-07	1.13E-06	1.99E-07	5.10E-07	5.18E-06
136	486683.18	3856093.15	7.20E-03	8.33E-03	3.74E-03	2.49E-06	7.53E-06	4.36E-06	5.05E-06	4.58E-06	2.09E-06	9.37E-07	8.33E-08	2.01E-06	4.44E-07	6.85E-07	1.09E-06	1.92E-07	4.92E-07	5.00E-06
137	486733.18	3856093.15	6.92E-03	8.02E-03	3.60E-03	2.40E-06	7.24E-06	4.19E-06	4.86E-06	4.40E-06	2.01E-06	9.02E-07	8.01E-08	1.94E-06	4.27E-07	6.59E-07	1.05E-06	1.84E-07	4.73E-07	4.81E-06
138	486783.18	3856093.15	6.70E-03	7.76E-03	3.48E-03	2.32E-06	7.01E-06	4.06E-06	4.70E-06	4.26E-06	1.94E-06	8.73E-07	7.75E-08	1.87E-06	4.13E-07	6.38E-07	1.01E-06	1.78E-07	4.58E-07	4.65E-06
139	486533.18	3856143.15	8.80E-03	1.02E-02	4.57E-03	3.05E-06	9.20E-06	5.33E-06	6.17E-06	5.59E-06	2.55E-06	1.15E-06	1.02E-07	2.46E-06	5.43E-07	8.38E-07	1.33E-06	2.34E-07	6.01E-07	6.11E-06
140	486583.18	3856143.15	8.36E-03	9.68E-03	4.35E-03	2.90E-06	8.75E-06	5.06E-06	5.86E-06	5.32E-06	2.43E-06	1.09E-06	9.67E-08	2.34E-06	5.16E-07	7.96E-07	1.26E-06	2.23E-07	5.71E-07	5.80E-06
141	486633.18	3856143.15	8.03E-03	9.30E-03	4.17E-03	2.78E-06	8.40E-06	4.86E-06	5.63E-06	5.11E-06	2.33E-06	1.05E-06	9.29E-08	2.24E-06	4.95E-07	7.65E-07	1.21E-06	2.14E-07	5.49E-07	5.57E-06
142	486683.18	3856143.15	7.70E-03	8.92E-03	4.01E-03	2.67E-06	8.06E-06	4.67E-06	5.41E-06	4.90E-06	2.24E-06	1.00E-06	8.92E-08	2.15E-06	4.75E-07	7.34E-07	1.16E-06	2.05E-07	5.27E-07	5.35E-06
143	486733.18	3856143.15	7.41E-03	8.58E-03	3.85E-03	2.57E-06	7.75E-06	4.49E-06	5.20E-06	4.71E-06	2.15E-06	9.65E-07	8.57E-08	2.07E-06	4.57E-07	7.06E-07	1.12E-06	1.97E-07	5.06E-07	5.14E-06
144	486783.18	3856143.15	7.19E-03	8.32E-03	3.74E-03	2.49E-06	7.52E-06	4.35E-06	5.04E-06	4.57E-06	2.09E-06	9.36E-07	8.32E-08	2.01E-06	4.43E-07	6.85E-07	1.09E-06	1.91E-07	4.91E-07	4.99E-06
145	486533.18	3856193.15	9.59E-03	1.11E-02	4.98E-03	3.32E-06	1.00E-05	5.81E-06	6.73E-06	6.10E-06	2.78E-06	1.25E-06	1.11E-07	2.68E-06	5.91E-07	9.13E-07	1.45E-06	2.55E-07	6.55E-07	6.66E-06
146	486583.18	3856193.15	9.04E-03	1.05E-02	4.70E-03	3.13E-06	9.46E-06	5.48E-06	6.34E-06	5.75E-06	2.62E-06	1.18E-06	1.05E-07	2.53E-06	5.58E-07	8.61E-07	1.37E-06	2.41E-07	6.18E-07	6.27E-06
147	486633.18	3856193.15	8.65E-03	1.00E-02	4.50E-03	3.00E-06	9.05E-06	5.24E-06	6.07E-06	5.50E-06	2.51E-06	1.13E-06	1.00E-07	2.42E-06	5.33E-07	8.24E-07	1.31E-06	2.30E-07	5.91E-07	6.00E-06
148	486683.18	3856193.15	8.33E-03	9.64E-03	4.33E-03	2.89E-06	8.71E-06	5.04E-06	5.84E-06	5.30E-06	2.42E-06	1.08E-06	9.64E-08	2.33E-06	5.14E-07	7.93E-07	1.26E-06	2.22E-07	5.69E-07	5.78E-06
149	486733.18	3856193.15	7.96E-03	9.22E-03	4.14E-03	2.76E-06	8.33E-06	4.82E-06	5.58E-06	5.06E-06	2.31E-06	1.04E-06	9.21E-08	2.23E-06	4.91E-07	7.58E-07	1.20E-06	2.12E-07	5.44E-07	5.53E-06
150	486783.18	3856193.15	7.70E-03	8.92E-03	4.00E-03	2.67E-06	8.05E-06	4.66E-06	5.40E-06	4.90E-06	2.23E-06	1.00E-06	8.91E-08	2.15E-06	4.75E-07	7.33E-07	1.16E-06	2.05E-07	5.26E-07	5.34E-06
151	486533.18	3856243.15	1.05E-02	1.21E-02	5.43E-03	3.62E-06	1.09E-05	6.33E-06	7.33E-06	6.65E-06	3.03E-06	1.36E-06	1.21E-07	2.92E-06	6.45E-07	9.96E-07	1.58E-06	2.78E-07	7.14E-07	7.25E-06

152	486583.18	3856243.15	9.87E-03	1.14E-02	5.13E-03	3.42E-06	1.03E-05	5.98E-06	6.93E-06	6.28E-06	2.87E-06	1.29E-06	1.14E-07	2.76E-06	6.09E-07	9.40E-07	1.49E-06	2.63E-07	6.75E-07	6.85E-06
153	486633.18	3856243.15	9.37E-03	1.09E-02	4.87E-03	3.25E-06	9.81E-06	5.68E-06	6.57E-06	5.96E-06	2.72E-06	1.22E-06	1.08E-07	2.62E-06	5.78E-07	8.93E-07	1.42E-06	2.50E-07	6.41E-07	6.51E-06
154	486683.18	3856243.15	8.95E-03	1.04E-02	4.65E-03	3.10E-06	9.37E-06	5.42E-06	6.28E-06	5.69E-06	2.60E-06	1.17E-06	1.04E-07	2.50E-06	5.52E-07	8.53E-07	1.35E-06	2.38E-07	6.12E-07	6.21E-06
155	486733.18	3856243.15	8.59E-03	9.95E-03	4.47E-03	2.98E-06	8.99E-06	5.21E-06	6.03E-06	5.47E-06	2.49E-06	1.12E-06	9.94E-08	2.40E-06	5.30E-07	8.19E-07	1.30E-06	2.29E-07	5.87E-07	5.96E-06
156	486783.18	3856243.15	8.23E-03	9.53E-03	4.28E-03	2.85E-06	8.61E-06	4.99E-06	5.77E-06	5.23E-06	2.39E-06	1.07E-06	9.52E-08	2.30E-06	5.08E-07	7.84E-07	1.24E-06	2.19E-07	5.63E-07	5.71E-06
157	486533.18	3856293.15	1.15E-02	1.33E-02	5.98E-03	3.98E-06	1.20E-05	6.96E-06	8.07E-06	7.31E-06	3.34E-06	1.50E-06	1.33E-07	3.21E-06	7.09E-07	1.10E-06	1.74E-06	3.06E-07	7.86E-07	7.98E-06
158	486583.18	3856293.15	1.08E-02	1.25E-02	5.60E-03	3.74E-06	1.13E-05	6.53E-06	7.56E-06	6.86E-06	3.13E-06	1.40E-06	1.25E-07	3.01E-06	6.65E-07	1.03E-06	1.63E-06	2.87E-07	7.37E-07	7.48E-06
159	486633.18	3856293.15	1.02E-02	1.18E-02	5.30E-03	3.53E-06	1.07E-05	6.18E-06	7.15E-06	6.48E-06	2.96E-06	1.33E-06	1.18E-07	2.85E-06	6.29E-07	9.71E-07	1.54E-06	2.72E-07	6.97E-07	7.08E-06
160	486683.18	3856293.15	9.69E-03	1.12E-02	5.04E-03	3.36E-06	1.01E-05	5.87E-06	6.80E-06	6.16E-06	2.81E-06	1.26E-06	1.12E-07	2.71E-06	5.98E-07	9.23E-07	1.46E-06	2.58E-07	6.62E-07	6.72E-06
161	486733.18	3856293.15	9.28E-03	1.07E-02	4.82E-03	3.22E-06	9.71E-06	5.62E-06	6.51E-06	5.90E-06	2.69E-06	1.21E-06	1.07E-07	2.59E-06	5.72E-07	8.84E-07	1.40E-06	2.47E-07	6.34E-07	6.44E-06
162	486783.18	3856293.15	8.85E-03	1.02E-02	4.60E-03	3.07E-06	9.26E-06	5.36E-06	6.21E-06	5.63E-06	2.57E-06	1.15E-06	1.02E-07	2.47E-06	5.46E-07	8.43E-07	1.34E-06	2.36E-07	6.05E-07	6.14E-06
163	486783.18	3856343.15	9.58E-03	1.11E-02	4.98E-03	3.32E-06	1.00E-05	5.80E-06	6.72E-06	6.09E-06	2.78E-06	1.25E-06	1.11E-07	2.68E-06	5.91E-07	9.13E-07	1.45E-06	2.55E-07	6.55E-07	6.65E-06
164	486833.18	3856343.15	9.14E-03	1.06E-02	4.75E-03	3.17E-06	9.56E-06	5.53E-06	6.41E-06	5.81E-06	2.65E-06	1.19E-06	1.06E-07	2.55E-06	5.64E-07	8.70E-07	1.38E-06	2.43E-07	6.25E-07	6.34E-06
165	486883.18	3856343.15	8.73E-03	1.01E-02	4.54E-03	3.03E-06	9.14E-06	5.29E-06	6.13E-06	5.55E-06	2.53E-06	1.14E-06	1.01E-07	2.44E-06	5.39E-07	8.32E-07	1.32E-06	2.33E-07	5.97E-07	6.06E-06
166	486783.18	3856393.15	1.03E-02	1.20E-02	5.37E-03	3.58E-06	1.08E-05	6.26E-06	7.25E-06	6.57E-06	3.00E-06	1.35E-06	1.20E-07	2.89E-06	6.38E-07	9.85E-07	1.56E-06	2.75E-07	7.06E-07	7.17E-06
167	486833.18	3856393.15	9.82E-03	1.14E-02	5.11E-03	3.40E-06	1.03E-05	5.95E-06	6.89E-06	6.25E-06	2.85E-06	1.28E-06	1.14E-07	2.75E-06	6.06E-07	9.36E-07	1.48E-06	2.62E-07	6.71E-07	6.82E-06
168	486883.18	3856393.15	9.32E-03	1.08E-02	4.85E-03	3.23E-06	9.76E-06	5.65E-06	6.54E-06	5.93E-06	2.71E-06	1.21E-06	1.08E-07	2.61E-06	5.75E-07	8.88E-07	1.41E-06	2.48E-07	6.37E-07	6.47E-06
169	487208.74	3856886.11	1.31E-02	1.51E-02	6.79E-03	4.53E-06	1.37E-05	7.92E-06	9.17E-06	8.31E-06	3.79E-06	1.70E-06	1.51E-07	3.65E-06	8.06E-07	1.25E-06	1.98E-06	3.48E-07	8.93E-07	9.07E-06
170	487258.74	3856886.11	1.20E-02	1.39E-02	6.23E-03	4.15E-06	1.25E-05	7.26E-06	8.41E-06	7.62E-06	3.48E-06	1.56E-06	1.39E-07	3.35E-06	7.39E-07	1.14E-06	1.81E-06	3.19E-07	8.19E-07	8.32E-06
171	487308.74	3856886.11	1.11E-02	1.28E-02	5.74E-03	3.83E-06	1.16E-05	6.69E-06	7.75E-06	7.03E-06	3.21E-06	1.44E-06	1.28E-07	3.09E-06	6.82E-07	1.05E-06	1.67E-06	2.94E-07	7.55E-07	7.67E-06
172	487358.74	3856886.11	1.02E-02	1.19E-02	5.32E-03	3.55E-06	1.07E-05	6.20E-06	7.18E-06	6.51E-06	2.97E-06	1.33E-06	1.18E-07	2.86E-06	6.31E-07	9.75E-07	1.55E-06	2.73E-07	6.99E-07	7.10E-06
173	487208.74	3856936.11	1.41E-02	1.63E-02	7.32E-03	4.88E-06	1.47E-05	8.54E-06	9.89E-06	8.96E-06	4.09E-06	1.83E-06	1.63E-07	3.94E-06	8.69E-07	1.34E-06	2.13E-06	3.75E-07	9.63E-07	9.78E-06
174	487258.74	3856936.11	1.27E-02	1.47E-02	6.61E-03	4.41E-06	1.33E-05	7.70E-06	8.92E-06	8.09E-06	3.69E-06	1.66E-06	1.47E-07	3.55E-06	7.84E-07	1.21E-06	1.92E-06	3.39E-07	8.69E-07	8.82E-06
175	487308.74	3856936.11	1.15E-02	1.34E-02	6.00E-03	4.00E-06	1.21E-05	6.99E-06	8.10E-06	7.34E-06	3.35E-06	1.50E-06	1.34E-07	3.23E-06	7.12E-07	1.10E-06	1.74E-06	3.07E-07	7.89E-07	8.01E-06
176	487358.74	3856936.11	1.05E-02	1.22E-02	5.48E-03	3.66E-06	1.10E-05	6.39E-06	7.40E-06	6.71E-06	3.06E-06	1.37E-06	1.22E-07	2.95E-06	6.51E-07	1.00E-06	1.59E-06	2.81E-07	7.21E-07	7.32E-06
177	487208.74	3856986.11	1.50E-02	1.74E-02	7.78E-03	5.19E-06	1.57E-05	9.07E-06	1.05E-05	9.53E-06	4.35E-06	1.95E-06	1.73E-07	4.19E-06	9.24E-07	1.43E-06	2.26E-06	3.99E-07	1.02E-06	1.04E-05
178	487258.74	3856986.11	1.32E-02	1.52E-02	6.84E-03	4.56E-06	1.38E-05	7.97E-06	9.23E-06	8.37E-06	3.82E-06	1.71E-06	1.52E-07	3.68E-06	8.12E-07	1.25E-06	1.99E-06	3.50E-07	8.99E-07	9.13E-06
179	487308.74	3856986.11	1.17E-02	1.36E-02	6.10E-03	4.07E-06	1.23E-05	7.12E-06	8.24E-06	7.47E-06	3.41E-06	1.53E-06	1.36E-07	3.28E-06	7.25E-07	1.12E-06	1.78E-06	3.13E-07	8.03E-07	8.15E-06
180	487358.74	3856986.11	1.06E-02	1.23E-02	5.50E-03	3.67E-06	1.11E-05	6.41E-06	7.42E-06	6.73E-06	3.07E-06	1.38E-06	1.22E-07	2.96E-06	6.53E-07	1.01E-06	1.60E-06	2.82E-07	7.23E-07	7.34E-06
181	487208.74	3857036.11	1.49E-02	1.73E-02	7.76E-03	5.18E-06	1.56E-05	9.05E-06	1.05E-05	9.50E-06	4.34E-06	1.95E-06	1.73E-07	4.18E-06	9.22E-07	1.42E-06	2.26E-06	3.98E-07	1.02E-06	1.04E-05
182	487258.74	3857036.11	1.29E-02	1.49E-02	6.69E-03	4.46E-06	1.35E-05	7.80E-06	9.04E-06	8.19E-06	3.74E-06	1.68E-06	1.49E-07	3.60E-06	7.95E-07	1.23E-06	1.95E-06	3.43E-07	8.80E-07	8.94E-06
183	487308.74	3857036.11	1.13E-02	1.31E-02	5.89E-03	3.93E-06	1.19E-05	6.87E-06	7.95E-06	7.21E-06	3.29E-06	1.48E-06	1.31E-07	3.17E-06	6.99E-07	1.08E-06	1.71E-06	3.02E-07	7.75E-07	7.87E-06
184	487358.74	3857036.11	1.01E-02	1.18E-02	5.27E-03	3.52E-06	1.06E-05	6.15E-06	7.12E-06	6.45E-06	2.94E-06	1.32E-06	1.17E-07	2.84E-06	6.26E-07	9.66E-07	1.53E-06	2.70E-07	6.93E-07	7.04E-06
185	487427.14	3856878.23	9.22E-03	1.07E-02	4.79E-03	3.19E-06	9.64E-06	5.58E-06	6.47E-06	5.86E-06	2.67E-06	1.20E-06	1.07E-07	2.58E-06	5.68E-07	8.78E-07	1.39E-06	2.45E-07	6.30E-07	6.40E-06
186	487477.14	3856878.23	8.61E-03	9.97E-03	4.47E-03	2.98E-06	9.01E-06	5.21E-06	6.04E-06	5.48E-06	2.50E-06	1.12E-06	9.96E-08	2.41E-06	5.31E-07	8.20E-07	1.30E-06	2.29E-07	5.88E-07	5.98E-06
187	487527.14	3856878.23	8.07E-03	9.34E-03	4.19E-03	2.80E-06	8.44E-06	4.89E-06	5.66E-06	5.13E-06	2.34E-06	1.05E-06	9.34E-08	2.25E-06	4.98E-07	7.68E-07	1.22E-06	2.15E-07	5.51E-07	5.60E-06
188	487427.14	3856928.23	9.39E-03	1.09E-02	4.88E-03	3.26E-06	9.83E-06	5.69E-06	6.59E-06	5.98E-06	2.73E-06	1.22E-06	1.09E-07	2.63E-06	5.79E-07	8.95E-07	1.42E-06	2.50E-07	6.42E-07	6.52E-06
189	487477.14	3856928.23	8.71E-03	1.01E-02	4.53E-03	3.02E-06	9.12E-06	5.28E-06	6.11E-06	5.54E-06	2.53E-06	1.13E-06	1.01E-07	2.44E-06	5.37E-07	8.30E-07	1.32E-06	2.32E-07	5.95E-07	6.05E-06
190	487527.14	3856928.23	8.11E-03	9.39E-03	4.21E-03	2.81E-06	8.48E-06	4.91E-06	5.69E-06	5.16E-06	2.35E-06	1.06E-06	9.38E-08	2.27E-06	5.00E-07	7.72E-07	1.22E-06	2.16E-07	5.54E-07	5.63E-06
191	487577.14	3856928.23	7.57E-03	8.77E-03	3.94E-03	2.62E-06	7.92E-06	4.59E-06	5.31E-06	4.82E-06	2.20E-06	9.86E-07	8.76E-08	2.12E-06	4.67E-07	7.21E-07	1.14E-06	2.02E-07	5.18E-07	5.26E-06
192	487627.14	3856928.23	7.11E-03	8.23E-03	3.69E-03	2.46E-06	7.44E-06	4.30E-06	4.99E-06	4.52E-06	2.06E-06	9.26E-07	8.22E-08	1.99E-06	4.38E-07	6.77E-07	1.07E-06	1.89E-07	4.86E-07	4.93E-06
193	487677.14	3856928.23	6.68E-03	7.74E-03	3.47E-03	2.32E-06	6.99E-06	4.05E-06	4.69E-06	4.25E-06	1.94E-06	8.70E-07	7.73E-08	1.87E-06	4.12E-07	6.36E-07	1.01E-06	1.78E-07	4.57E-07	4.64E-06
194	487727.14	3856928.23	6.30E-03	7.30E-03	3.27E-03	2.18E-06	6.59E-06	3.82E-06	4.42E-06	4.01E-06	1.83E-06	8.21E-07	7.29E-08	1.76E-06	3.89E-07	6.00E-07	9.52E-07	1.68E-07	4.31E-07	4.37E-06
195	487777.14	3856928.23	5.96E-03	6.90E-03	3.10E-03	2.07E-06	6.24E-06	3.61E-06	4.18E-06	3.79E-06	1.73E-06	7.76E-07	6.90E-08	1.67E-06	3.68E-07	5.68E-07	9.01E-07	1.59E-07	4.07E-07	4.14E-06
196	487427.14	3856978.23	9.36E-03	1.08E-02	4.86E-03	3.24E-06	9.79E-06	5.67E-06	6.57E-06	5.95E-06	2.72E-06	1.22E-06	1.08E-07	2.62E-06	5.77E-07	8.91E-07	1.41E-06	2.49E-07	6.40E-07	6.50E-06
197	487477.14	3856978.23	8.61E-03	9.97E-03	4.47E-03	2.98E-06	9.01E-06	5.21E-06	6.04E-06	5.47E-06	2.50E-06	1.12E-06	9.96E-08	2.41E-06	5.31E-07	8.20E-07	1.30E-06	2.29E-07	5.88E-07	5.97E-06
198	487527.14	3856978.23	7.97E-03	9.23E-03	4.14E-03	2.76E-06	8.34E-06	4.83E-06	5.59E-06	5.07E-06	2.31E-06	1.04E-06	9.22E-08	2.23E-06	4.91E-07	7.59E-07	1.20E-06	2.12E-07	5.44E-07	5.53E-06
199	487577.14	3856978.23	7.41E-03	8.59E-03	3.85E-03	2.57E-06	7.76E-06	4.49E-06	5.20E-06	4.71E-06	2.15E-06	9.65E-07	8.58E-08	2.07E-06	4.57E-07	7.06E-07	1.12E-06	1.97E-07	5.07E-07	5.15E-06
200	487627.14	3856978.23	6.94E-03	8.03E-03	3.61E-03	2.40E-06	7.26E-06	4.20E-06	4.87E-06	4.41E-06	2.01E-06	9.03E-07	8.03E-08	1.94E-06	4.28E-07	6.61E-07	1.05E-06	1.85E-07	4.74E-07	4.81E-06
201	487677.14	3856978.23	6.50E-03	7.53E-03	3.38E-03	2.25E-06	6.81E-06	3.94E-06	4.56E-06	4.14E-06	1.89E-06	8.47E-07	7.53E-08	1.82E-06	4.01E-07	6.20E-07	9.83E-07	1.73E-07	4.45E-07	4.52E-06
202	487727.14	3856978.23	6.14E-03	7.11E-03	3.19E-03	2.13E-06	6.42E-06	3.72E-06	4.31E-06	3.90E-06	1.78E-06	8.00E-07	7.10E-08	1.72E-06	3.79E-07	5.85E-07	9.28E-07	1.63E-07	4.20E-07	4.26E-06
203	487777.14	3856978.23	5.78E-03	6.69E-03	3.00E-03	2.00E-06	6.05E-06	3.50E-06	4.05E-06	3.68E-06	1.68E-06	7.53E-07	6.69E-08	1.62E-06	3.56E-07	5.50E-07	8.73E-07	1.54E-07	3.95E-07	4.01E-06
204	487427.14	3857028.23	8.98E-03	1.04E-02	4.67E-03	3.11E-06	9.39E-06	5.44E-06	6.30E-06	5.71E-06	2.61E-06	1.17E-06	1.04E-07	2.51E-06	5.54E-07	8.55E-07	1.36E-06	2.39E-07	6.14E-07	6.23E-06

205	487477.14	3857028.23	8.24E-03	9.54E-03	4.28E-03	2.85E-06	8.62E-06	4.99E-06	5.78E-06	5.24E-06	2.39E-06	1.07E-06	9.53E-08	2.30E-06	5.08E-07	7.85E-07	1.24E-06	2.19E-07	5.63E-07	5.72E-06
206	487527.14	3857028.23	7.61E-03	8.82E-03	3.96E-03	2.64E-06	7.97E-06	4.61E-06	5.34E-06	4.84E-06	2.21E-06	9.91E-07	8.81E-08	2.13E-06	4.70E-07	7.25E-07	1.15E-06	2.03E-07	5.20E-07	5.28E-06
207	487577.14	3857028.23	7.07E-03	8.19E-03	3.68E-03	2.45E-06	7.40E-06	4.28E-06	4.96E-06	4.50E-06	2.05E-06	9.21E-07	8.19E-08	1.98E-06	4.36E-07	6.74E-07	1.07E-06	1.88E-07	4.84E-07	4.91E-06
208	487627.14	3857028.23	6.62E-03	7.66E-03	3.44E-03	2.29E-06	6.92E-06	4.01E-06	4.64E-06	4.21E-06	1.92E-06	8.62E-07	7.66E-08	1.85E-06	4.08E-07	6.30E-07	1.00E-06	1.76E-07	4.52E-07	4.59E-06
209	487677.14	3857028.23	6.21E-03	7.19E-03	3.23E-03	2.15E-06	6.49E-06	3.76E-06	4.35E-06	3.95E-06	1.80E-06	8.08E-07	7.18E-08	1.73E-06	3.83E-07	5.91E-07	9.38E-07	1.65E-07	4.24E-07	4.31E-06
210	487727.14	3857028.23	5.84E-03	6.76E-03	3.03E-03	2.02E-06	6.11E-06	3.54E-06	4.10E-06	3.71E-06	1.69E-06	7.60E-07	6.76E-08	1.63E-06	3.60E-07	5.56E-07	8.82E-07	1.55E-07	3.99E-07	4.05E-06
211	487777.14	3857028.23	5.51E-03	6.39E-03	2.87E-03	1.91E-06	5.77E-06	3.34E-06	3.87E-06	3.51E-06	1.60E-06	7.18E-07	6.38E-08	1.54E-06	3.40E-07	5.25E-07	8.33E-07	1.47E-07	3.77E-07	3.83E-06
212	487427.14	3857078.23	8.26E-03	9.57E-03	4.29E-03	2.86E-06	8.64E-06	5.00E-06	5.80E-06	5.25E-06	2.40E-06	1.08E-06	9.56E-08	2.31E-06	5.10E-07	7.87E-07	1.25E-06	2.20E-07	5.65E-07	5.73E-06
213	487477.14	3857078.23	7.61E-03	8.81E-03	3.95E-03	2.64E-06	7.96E-06	4.61E-06	5.34E-06	4.84E-06	2.21E-06	9.91E-07	8.80E-08	2.13E-06	4.69E-07	7.25E-07	1.15E-06	2.03E-07	5.20E-07	5.28E-06
214	487527.14	3857078.23	7.05E-03	8.16E-03	3.66E-03	2.44E-06	7.37E-06	4.27E-06	4.94E-06	4.48E-06	2.05E-06	9.18E-07	8.16E-08	1.97E-06	4.35E-07	6.71E-07	1.06E-06	1.88E-07	4.82E-07	4.89E-06
215	487577.14	3857078.23	6.57E-03	7.61E-03	3.42E-03	2.28E-06	6.87E-06	3.98E-06	4.61E-06	4.18E-06	1.91E-06	8.56E-07	7.60E-08	1.84E-06	4.05E-07	6.26E-07	9.93E-07	1.75E-07	4.49E-07	4.56E-06
216	487627.14	3857078.23	6.16E-03	7.13E-03	3.20E-03	2.13E-06	6.44E-06	3.73E-06	4.32E-06	3.92E-06	1.79E-06	8.02E-07	7.13E-08	1.72E-06	3.80E-07	5.87E-07	9.31E-07	1.64E-07	4.21E-07	4.27E-06
217	487677.14	3857078.23	5.79E-03	6.71E-03	3.01E-03	2.01E-06	6.06E-06	3.51E-06	4.06E-06	3.68E-06	1.68E-06	7.54E-07	6.70E-08	1.62E-06	3.57E-07	5.52E-07	8.75E-07	1.54E-07	3.96E-07	4.02E-06
218	487727.14	3857078.23	5.46E-03	6.33E-03	2.84E-03	1.89E-06	5.72E-06	3.31E-06	3.83E-06	3.47E-06	1.59E-06	7.12E-07	6.32E-08	1.53E-06	3.37E-07	5.20E-07	8.26E-07	1.45E-07	3.74E-07	3.79E-06
219	487777.14	3857078.23	5.18E-03	6.00E-03	2.69E-03	1.79E-06	5.42E-06	3.14E-06	3.63E-06	3.29E-06	1.50E-06	6.74E-07	5.99E-08	1.45E-06	3.19E-07	4.93E-07	7.82E-07	1.38E-07	3.54E-07	3.59E-06
220	487427.14	3857128.23	7.30E-03	8.45E-03	3.79E-03	2.53E-06	7.64E-06	4.42E-06	5.12E-06	4.64E-06	2.12E-06	9.51E-07	8.45E-08	2.04E-06	4.50E-07	6.95E-07	1.10E-06	1.94E-07	4.99E-07	5.07E-06
221	487477.14	3857128.23	6.79E-03	7.86E-03	3.53E-03	2.35E-06	7.10E-06	4.11E-06	4.76E-06	4.32E-06	1.97E-06	8.84E-07	7.85E-08	1.90E-06	4.19E-07	6.46E-07	1.03E-06	1.81E-07	4.64E-07	4.71E-06
222	487527.14	3857128.23	6.34E-03	7.35E-03	3.30E-03	2.20E-06	6.64E-06	3.84E-06	4.45E-06	4.03E-06	1.84E-06	8.26E-07	7.34E-08	1.77E-06	3.91E-07	6.04E-07	9.59E-07	1.69E-07	4.34E-07	4.40E-06
223	487577.14	3857128.23	5.95E-03	6.89E-03	3.09E-03	2.06E-06	6.23E-06	3.60E-06	4.17E-06	3.78E-06	1.73E-06	7.75E-07	6.89E-08	1.66E-06	3.67E-07	5.67E-07	8.99E-07	1.58E-07	4.07E-07	4.13E-06
224	487627.14	3857128.23	5.60E-03	6.49E-03	2.91E-03	1.94E-06	5.86E-06	3.39E-06	3.93E-06	3.56E-06	1.63E-06	7.30E-07	6.49E-08	1.57E-06	3.46E-07	5.34E-07	8.47E-07	1.49E-07	3.83E-07	3.89E-06
225	487677.14	3857128.23	5.30E-03	6.14E-03	2.76E-03	1.84E-06	5.55E-06	3.21E-06	3.72E-06	3.37E-06	1.54E-06	6.91E-07	6.14E-08	1.48E-06	3.27E-07	5.05E-07	8.01E-07	1.41E-07	3.63E-07	3.68E-06
226	487727.14	3857128.23	5.02E-03	5.82E-03	2.61E-03	1.74E-06	5.25E-06	3.04E-06	3.52E-06	3.19E-06	1.46E-06	6.54E-07	5.81E-08	1.40E-06	3.10E-07	4.78E-07	7.59E-07	1.34E-07	3.43E-07	3.49E-06
227	487777.14	3857128.23	4.78E-03	5.53E-03	2.48E-03	1.66E-06	5.00E-06	2.89E-06	3.35E-06	3.04E-06	1.39E-06	6.23E-07	5.53E-08	1.34E-06	2.95E-07	4.55E-07	7.22E-07	1.27E-07	3.27E-07	3.32E-06
228	488049.44	3856539.39	4.51E-03	5.23E-03	2.35E-03	1.56E-06	4.72E-06	2.73E-06	3.17E-06	2.87E-06	1.31E-06	5.88E-07	5.22E-08	1.26E-06	2.78E-07	4.30E-07	6.82E-07	1.20E-07	3.09E-07	3.13E-06
229	488099.44	3856539.39	4.38E-03	5.07E-03	2.27E-03	1.52E-06	4.58E-06	2.65E-06	3.07E-06	2.78E-06	1.27E-06	5.70E-07	5.06E-08	1.22E-06	2.70E-07	4.17E-07	6.61E-07	1.17E-07	2.99E-07	3.04E-06
230	488149.44	3856539.39	4.24E-03	4.92E-03	2.21E-03	1.47E-06	4.44E-06	2.57E-06	2.98E-06	2.70E-06	1.23E-06	5.53E-07	4.91E-08	1.19E-06	2.62E-07	4.04E-07	6.41E-07	1.13E-07	2.90E-07	2.95E-06
231	488049.44	3856589.39	4.60E-03	5.33E-03	2.39E-03	1.59E-06	4.81E-06	2.79E-06	3.23E-06	2.93E-06	1.33E-06	5.99E-07	5.32E-08	1.29E-06	2.84E-07	4.38E-07	6.95E-07	1.22E-07	3.14E-07	3.19E-06
232	488099.44	3856589.39	4.45E-03	5.16E-03	2.32E-03	1.54E-06	4.66E-06	2.70E-06	3.12E-06	2.83E-06	1.29E-06	5.80E-07	5.15E-08	1.24E-06	2.75E-07	4.24E-07	6.73E-07	1.19E-07	3.04E-07	3.09E-06
233	488149.44	3856589.39	4.31E-03	4.99E-03	2.24E-03	1.49E-06	4.51E-06	2.61E-06	3.03E-06	2.74E-06	1.25E-06	5.62E-07	4.99E-08	1.21E-06	2.66E-07	4.11E-07	6.52E-07	1.15E-07	2.95E-07	2.99E-06
234	488199.44	3856589.39	4.18E-03	4.84E-03	2.17E-03	1.45E-06	4.37E-06	2.53E-06	2.93E-06	2.66E-06	1.21E-06	5.44E-07	4.84E-08	1.17E-06	2.58E-07	3.98E-07	6.31E-07	1.11E-07	2.86E-07	2.90E-06
235	488249.44	3856589.39	4.05E-03	4.69E-03	2.11E-03	1.40E-06	4.24E-06	2.45E-06	2.84E-06	2.58E-06	1.18E-06	5.28E-07	4.69E-08	1.13E-06	2.50E-07	3.86E-07	6.12E-07	1.08E-07	2.77E-07	2.81E-06
236	488049.44	3856639.39	4.67E-03	5.41E-03	2.43E-03	1.62E-06	4.89E-06	2.83E-06	3.28E-06	2.97E-06	1.36E-06	6.09E-07	5.41E-08	1.31E-06	2.88E-07	4.45E-07	7.06E-07	1.24E-07	3.19E-07	3.24E-06
237	488099.44	3856639.39	4.52E-03	5.23E-03	2.35E-03	1.56E-06	4.72E-06	2.74E-06	3.17E-06	2.87E-06	1.31E-06	5.88E-07	5.23E-08	1.26E-06	2.79E-07	4.30E-07	6.82E-07	1.20E-07	3.09E-07	3.13E-06
238	488149.44	3856639.39	4.37E-03	5.06E-03	2.27E-03	1.51E-06	4.57E-06	2.64E-06	3.06E-06	2.78E-06	1.27E-06	5.69E-07	5.05E-08	1.22E-06	2.69E-07	4.16E-07	6.60E-07	1.16E-07	2.99E-07	3.03E-06
239	488199.44	3856639.39	4.22E-03	4.89E-03	2.20E-03	1.46E-06	4.42E-06	2.56E-06	2.96E-06	2.69E-06	1.23E-06	5.50E-07	4.89E-08	1.18E-06	2.61E-07	4.02E-07	6.38E-07	1.12E-07	2.89E-07	2.93E-06
240	488249.44	3856639.39	4.09E-03	4.74E-03	2.13E-03	1.42E-06	4.28E-06	2.48E-06	2.87E-06	2.60E-06	1.19E-06	5.33E-07	4.73E-08	1.14E-06	2.52E-07	3.90E-07	6.18E-07	1.09E-07	2.80E-07	2.84E-06
241	488299.44	3856639.39	3.96E-03	4.59E-03	2.06E-03	1.37E-06	4.14E-06	2.40E-06	2.78E-06	2.52E-06	1.15E-06	5.16E-07	4.58E-08	1.11E-06	2.44E-07	3.77E-07	5.98E-07	1.05E-07	2.71E-07	2.75E-06
242	488349.44	3856639.39	3.84E-03	4.45E-03	2.00E-03	1.33E-06	4.02E-06	2.33E-06	2.69E-06	2.44E-06	1.11E-06	5.00E-07	4.44E-08	1.07E-06	2.37E-07	3.66E-07	5.80E-07	1.02E-07	2.63E-07	2.67E-06
243	488399.44	3856639.39	3.72E-03	4.31E-03	1.94E-03	1.29E-06	3.89E-06	2.25E-06	2.61E-06	2.37E-06	1.08E-06	4.85E-07	4.31E-08	1.04E-06	2.30E-07	3.54E-07	5.62E-07	9.91E-08	2.54E-07	2.58E-06
244	488099.44	3856689.39	4.56E-03	5.28E-03	2.37E-03	1.58E-06	4.77E-06	2.76E-06	3.20E-06	2.90E-06	1.32E-06	5.94E-07	5.27E-08	1.27E-06	2.81E-07	4.34E-07	6.89E-07	1.21E-07	3.12E-07	3.16E-06
245	488149.44	3856689.39	4.40E-03	5.10E-03	2.29E-03	1.53E-06	4.61E-06	2.67E-06	3.09E-06	2.80E-06	1.28E-06	5.73E-07	5.09E-08	1.23E-06	2.71E-07	4.19E-07	6.65E-07	1.17E-07	3.01E-07	3.05E-06
246	488199.44	3856689.39	4.25E-03	4.92E-03	2.21E-03	1.47E-06	4.45E-06	2.58E-06	2.98E-06	2.70E-06	1.23E-06	5.54E-07	4.92E-08	1.19E-06	2.62E-07	4.05E-07	6.42E-07	1.13E-07	2.91E-07	2.95E-06
247	488249.44	3856689.39	4.11E-03	4.76E-03	2.14E-03	1.42E-06	4.30E-06	2.49E-06	2.88E-06	2.61E-06	1.19E-06	5.36E-07	4.76E-08	1.15E-06	2.54E-07	3.92E-07	6.21E-07	1.09E-07	2.81E-07	2.85E-06
248	488299.44	3856689.39	3.97E-03	4.60E-03	2.07E-03	1.38E-06	4.16E-06	2.41E-06	2.79E-06	2.53E-06	1.15E-06	5.18E-07	4.60E-08	1.11E-06	2.45E-07	3.79E-07	6.01E-07	1.06E-07	2.72E-07	2.76E-06
249	488349.44	3856689.39	3.85E-03	4.46E-03	2.00E-03	1.33E-06	4.03E-06	2.33E-06	2.70E-06	2.45E-06	1.12E-06	5.01E-07	4.45E-08	1.08E-06	2.37E-07	3.67E-07	5.82E-07	1.02E-07	2.63E-07	2.67E-06
250	488399.44	3856689.39	3.73E-03	4.32E-03	1.94E-03	1.29E-06	3.90E-06	2.26E-06	2.62E-06	2.37E-06	1.08E-06	4.86E-07	4.32E-08	1.04E-06	2.30E-07	3.55E-07	5.64E-07	9.93E-08	2.55E-07	2.59E-06
251	488099.44	3856739.39	4.58E-03	5.30E-03	2.38E-03	1.59E-06	4.79E-06	2.77E-06	3.21E-06	2.91E-06	1.33E-06	5.96E-07	5.30E-08	1.28E-06	2.82E-07	4.36E-07	6.92E-07	1.22E-07	3.13E-07	3.18E-06
252	488149.44	3856739.39	4.41E-03	5.11E-03	2.30E-03	1.53E-06	4.62E-06	2.67E-06	3.10E-06	2.81E-06	1.28E-06	5.75E-07	5.11E-08	1.23E-06	2.72E-07	4.20E-07	6.67E-07	1.18E-07	3.02E-07	3.06E-06
253	488199.44	3856739.39	4.26E-03	4.93E-03	2.21E-03	1.47E-06	4.45E-06	2.58E-06	2.99E-06	2.71E-06	1.23E-06	5.54E-07	4.92E-08	1.19E-06	2.63E-07	4.05E-07	6.43E-07	1.13E-07	2.91E-07	2.95E-06
254	488249.44	3856739.39	4.11E-03	4.76E-03	2.14E-03	1.42E-06	4.30E-06	2.49E-06	2.88E-06	2.61E-06	1.19E-06	5.36E-07	4.76E-08	1.15E-06	2.54E-07	3.91E-07	6.21E-07	1.09E-07	2.81E-07	2.85E-06
255	488299.44	3856739.39	3.97E-03	4.60E-03	2.07E-03	1.38E-06	4.16E-06	2.41E-06	2.79E-06	2.53E-06	1.15E-06	5.18E-07	4.60E-08	1.11E-06	2.45E-07	3.79E-07	6.01E-07	1.06E-07	2.72E-07	2.76E-06
256	488349.44	3856739.39	3.84E-03	4.45E-03	2.00E-03	1.33E-06	4.02E-06	2.33E-06	2.69E-06	2.44E-06	1.11E-06	5.00E-07	4.44E-08	1.07E-06	2.37E-07	3.66E-07	5.80E-07	1.02E-07	2.63E-07	2.67E-06
257	488399.44	3856739.39	3.71E-03	4.30E-03	1.93E-03	1.29E-06	3.88E-06	2.25E-06	2.60E-06	2.36E-06	1.08E-06	4.84E-07	4.30E-08	1.04E-06	2.29E-07	3.54E-07	5.61E-07	9.88E-08	2.54E-07	2.58E-06

258	487999.44	3856789.39	4.96E-03	5.74E-03	2.58E-03	1.72E-06	5.19E-06	3.00E-06	3.48E-06	3.15E-06	1.44E-06	6.46E-07	5.74E-08	1.39E-06	3.06E-07	4.72E-07	7.49E-07	1.32E-07	3.39E-07	3.44E-06
259	488049.44	3856789.39	4.76E-03	5.51E-03	2.47E-03	1.65E-06	4.98E-06	2.88E-06	3.34E-06	3.03E-06	1.38E-06	6.20E-07	5.51E-08	1.33E-06	2.94E-07	4.53E-07	7.19E-07	1.27E-07	3.25E-07	3.30E-06
260	488099.44	3856789.39	4.57E-03	5.29E-03	2.38E-03	1.58E-06	4.78E-06	2.77E-06	3.21E-06	2.91E-06	1.33E-06	5.96E-07	5.29E-08	1.28E-06	2.82E-07	4.35E-07	6.91E-07	1.22E-07	3.13E-07	3.17E-06
261	488149.44	3856789.39	4.40E-03	5.10E-03	2.29E-03	1.53E-06	4.61E-06	2.67E-06	3.09E-06	2.80E-06	1.28E-06	5.73E-07	5.09E-08	1.23E-06	2.71E-07	4.19E-07	6.65E-07	1.17E-07	3.01E-07	3.05E-06
262	488199.44	3856789.39	4.24E-03	4.91E-03	2.20E-03	1.47E-06	4.43E-06	2.57E-06	2.97E-06	2.70E-06	1.23E-06	5.52E-07	4.90E-08	1.18E-06	2.61E-07	4.04E-07	6.40E-07	1.13E-07	2.90E-07	2.94E-06
263	488249.44	3856789.39	4.09E-03	4.73E-03	2.13E-03	1.42E-06	4.28E-06	2.48E-06	2.87E-06	2.60E-06	1.19E-06	5.33E-07	4.73E-08	1.14E-06	2.52E-07	3.89E-07	6.18E-07	1.09E-07	2.80E-07	2.84E-06
264	488299.44	3856789.39	3.95E-03	4.57E-03	2.05E-03	1.37E-06	4.13E-06	2.39E-06	2.77E-06	2.51E-06	1.15E-06	5.14E-07	4.57E-08	1.10E-06	2.44E-07	3.76E-07	5.97E-07	1.05E-07	2.70E-07	2.74E-06
265	488349.44	3856789.39	3.81E-03	4.41E-03	1.98E-03	1.32E-06	3.99E-06	2.31E-06	2.67E-06	2.42E-06	1.11E-06	4.96E-07	4.41E-08	1.06E-06	2.35E-07	3.63E-07	5.76E-07	1.01E-07	2.60E-07	2.64E-06
266	488399.44	3856789.39	3.68E-03	4.26E-03	1.91E-03	1.28E-06	3.85E-06	2.23E-06	2.58E-06	2.34E-06	1.07E-06	4.80E-07	4.26E-08	1.03E-06	2.27E-07	3.51E-07	5.56E-07	9.80E-08	2.52E-07	2.55E-06
267	487949.44	3856839.39	5.15E-03	5.97E-03	2.68E-03	1.79E-06	5.39E-06	3.12E-06	3.62E-06	3.28E-06	1.50E-06	6.71E-07	5.96E-08	1.44E-06	3.18E-07	4.91E-07	7.79E-07	1.37E-07	3.52E-07	3.58E-06
268	487999.44	3856839.39	4.93E-03	5.71E-03	2.56E-03	1.71E-06	5.16E-06	2.99E-06	3.46E-06	3.14E-06	1.43E-06	6.43E-07	5.71E-08	1.38E-06	3.04E-07	4.70E-07	7.45E-07	1.31E-07	3.37E-07	3.42E-06
269	488049.44	3856839.39	4.73E-03	5.48E-03	2.46E-03	1.64E-06	4.95E-06	2.86E-06	3.32E-06	3.01E-06	1.37E-06	6.16E-07	5.47E-08	1.32E-06	2.92E-07	4.50E-07	7.15E-07	1.26E-07	3.23E-07	3.28E-06
270	488099.44	3856839.39	4.54E-03	5.25E-03	2.36E-03	1.57E-06	4.75E-06	2.75E-06	3.18E-06	2.89E-06	1.32E-06	5.91E-07	5.25E-08	1.27E-06	2.80E-07	4.32E-07	6.86E-07	1.21E-07	3.10E-07	3.15E-06
271	488149.44	3856839.39	4.36E-03	5.05E-03	2.27E-03	1.51E-06	4.56E-06	2.64E-06	3.06E-06	2.77E-06	1.26E-06	5.68E-07	5.04E-08	1.22E-06	2.69E-07	4.15E-07	6.59E-07	1.16E-07	2.98E-07	3.03E-06
272	488199.44	3856839.39	4.19E-03	4.85E-03	2.18E-03	1.45E-06	4.39E-06	2.54E-06	2.94E-06	2.67E-06	1.22E-06	5.46E-07	4.85E-08	1.17E-06	2.59E-07	3.99E-07	6.33E-07	1.12E-07	2.87E-07	2.91E-06
273	487949.44	3856889.39	5.09E-03	5.90E-03	2.65E-03	1.77E-06	5.33E-06	3.09E-06	3.57E-06	3.24E-06	1.48E-06	6.64E-07	5.90E-08	1.42E-06	3.14E-07	4.85E-07	7.70E-07	1.36E-07	3.48E-07	3.54E-06
274	487999.44	3856889.39	4.86E-03	5.63E-03	2.53E-03	1.69E-06	5.09E-06	2.95E-06	3.41E-06	3.09E-06	1.41E-06	6.34E-07	5.63E-08	1.36E-06	3.00E-07	4.63E-07	7.35E-07	1.30E-07	3.33E-07	3.38E-06
275	488049.44	3856889.39	4.66E-03	5.40E-03	2.42E-03	1.61E-06	4.88E-06	2.82E-06	3.27E-06	2.96E-06	1.35E-06	6.07E-07	5.39E-08	1.30E-06	2.87E-07	4.44E-07	7.04E-07	1.24E-07	3.19E-07	3.23E-06
276	488099.44	3856889.39	4.46E-03	5.17E-03	2.32E-03	1.55E-06	4.67E-06	2.70E-06	3.13E-06	2.84E-06	1.30E-06	5.81E-07	5.16E-08	1.25E-06	2.75E-07	4.25E-07	6.74E-07	1.19E-07	3.05E-07	3.10E-06
277	488635.86	3857895.05	1.14E-03	1.29E-03	6.70E-04	3.94E-07	1.19E-06	6.89E-07	7.82E-07	7.09E-07	3.24E-07	1.68E-07	1.32E-08	3.18E-07	7.02E-08	1.06E-07	1.68E-07	2.97E-08	8.82E-08	7.94E-07
278	489137.64	3857804.15	1.12E-03	1.28E-03	6.12E-04	3.87E-07	1.17E-06	6.77E-07	7.78E-07	7.05E-07	3.22E-07	1.53E-07	1.29E-08	3.12E-07	6.89E-08	1.06E-07	1.67E-07	2.95E-08	8.05E-08	7.77E-07
279	488617.32	3857859.41	1.18E-03	1.34E-03	6.91E-04	4.10E-07	1.24E-06	7.16E-07	8.14E-07	7.38E-07	3.37E-07	1.73E-07	1.37E-08	3.30E-07	7.29E-08	1.11E-07	1.75E-07	3.09E-08	9.09E-08	8.25E-07
280	488667.32	3857859.41	1.17E-03	1.33E-03	6.77E-04	4.05E-07	1.22E-06	7.08E-07	8.06E-07	7.30E-07	3.33E-07	1.70E-07	1.35E-08	3.27E-07	7.21E-08	1.09E-07	1.73E-07	3.06E-08	8.91E-08	8.15E-07
281	488717.32	3857859.41	1.15E-03	1.32E-03	6.64E-04	4.00E-07	1.21E-06	6.99E-07	7.97E-07	7.23E-07	3.30E-07	1.66E-07	1.34E-08	3.23E-07	7.12E-08	1.08E-07	1.72E-07	3.03E-08	8.73E-08	8.05E-07
282	488767.32	3857859.41	1.14E-03	1.30E-03	6.50E-04	3.95E-07	1.19E-06	6.90E-07	7.88E-07	7.14E-07	3.26E-07	1.63E-07	1.32E-08	3.19E-07	7.03E-08	1.07E-07	1.70E-07	2.99E-08	8.55E-08	7.94E-07
283	488617.32	3857909.41	1.13E-03	1.28E-03	6.70E-04	3.91E-07	1.18E-06	6.83E-07	7.74E-07	7.02E-07	3.20E-07	1.68E-07	1.30E-08	3.15E-07	6.95E-08	1.05E-07	1.67E-07	2.94E-08	8.81E-08	7.87E-07
284	488667.32	3857909.41	1.11E-03	1.26E-03	6.50E-04	3.84E-07	1.16E-06	6.71E-07	7.62E-07	6.91E-07	3.15E-07	1.63E-07	1.28E-08	3.10E-07	6.83E-08	1.03E-07	1.64E-07	2.89E-08	8.55E-08	7.73E-07
285	488717.32	3857909.41	1.09E-03	1.25E-03	6.36E-04	3.79E-07	1.15E-06	6.63E-07	7.55E-07	6.84E-07	3.12E-07	1.59E-07	1.27E-08	3.06E-07	6.75E-08	1.02E-07	1.63E-07	2.87E-08	8.36E-08	7.64E-07
286	488767.32	3857909.41	1.08E-03	1.23E-03	6.21E-04	3.74E-07	1.13E-06	6.54E-07	7.46E-07	6.76E-07	3.08E-07	1.56E-07	1.25E-08	3.02E-07	6.66E-08	1.01E-07	1.61E-07	2.83E-08	8.17E-08	7.53E-07
287	488417.32	3857959.41	1.19E-03	1.32E-03	7.65E-04	4.11E-07	1.24E-06	7.18E-07	8.03E-07	7.28E-07	3.32E-07	1.92E-07	1.37E-08	3.32E-07	7.32E-08	1.09E-07	1.73E-07	3.05E-08	1.01E-07	8.31E-07
288	488467.32	3857959.41	1.14E-03	1.28E-03	7.21E-04	3.96E-07	1.20E-06	6.93E-07	7.77E-07	7.05E-07	3.21E-07	1.81E-07	1.32E-08	3.20E-07	7.06E-08	1.06E-07	1.67E-07	2.95E-08	9.49E-08	8.01E-07
289	488517.32	3857959.41	1.11E-03	1.25E-03	6.85E-04	3.84E-07	1.16E-06	6.72E-07	7.56E-07	6.86E-07	3.13E-07	1.72E-07	1.28E-08	3.10E-07	6.84E-08	1.03E-07	1.63E-07	2.87E-08	9.01E-08	7.76E-07
290	488567.32	3857959.41	1.08E-03	1.22E-03	6.56E-04	3.75E-07	1.13E-06	6.55E-07	7.40E-07	6.70E-07	3.06E-07	1.64E-07	1.25E-08	3.02E-07	6.67E-08	1.00E-07	1.59E-07	2.81E-08	8.63E-08	7.55E-07
291	488617.32	3857959.41	1.06E-03	1.20E-03	6.33E-04	3.67E-07	1.11E-06	6.42E-07	7.27E-07	6.59E-07	3.01E-07	1.59E-07	1.23E-08	2.96E-07	6.53E-08	9.87E-08	1.57E-07	2.76E-08	8.32E-08	7.40E-07
292	488667.32	3857959.41	1.04E-03	1.18E-03	6.14E-04	3.61E-07	1.09E-06	6.31E-07	7.16E-07	6.49E-07	2.96E-07	1.54E-07	1.21E-08	2.91E-07	6.43E-08	9.73E-08	1.54E-07	2.72E-08	8.07E-08	7.27E-07
293	488717.32	3857959.41	1.03E-03	1.17E-03	5.98E-04	3.56E-07	1.07E-06	6.22E-07	7.07E-07	6.41E-07	2.93E-07	1.50E-07	1.19E-08	2.87E-07	6.33E-08	9.60E-08	1.52E-07	2.68E-08	7.86E-08	7.16E-07
294	488767.32	3857959.41	1.01E-03	1.16E-03	5.84E-04	3.51E-07	1.06E-06	6.14E-07	7.00E-07	6.35E-07	2.90E-07	1.46E-07	1.17E-08	2.83E-07	6.25E-08	9.50E-08	1.51E-07	2.66E-08	7.68E-08	7.07E-07
295	488417.32	3858009.41	1.09E-03	1.22E-03	6.98E-04	3.78E-07	1.14E-06	6.61E-07	7.40E-07	6.71E-07	3.06E-07	1.75E-07	1.26E-08	3.05E-07	6.73E-08	1.00E-07	1.59E-07	2.81E-08	9.18E-08	7.65E-07
296	488467.32	3858009.41	1.05E-03	1.18E-03	6.57E-04	3.64E-07	1.10E-06	6.37E-07	7.15E-07	6.48E-07	2.96E-07	1.65E-07	1.22E-08	2.94E-07	6.48E-08	9.71E-08	1.54E-07	2.72E-08	8.64E-08	7.36E-07
297	488517.32	3858009.41	1.02E-03	1.15E-03	6.25E-04	3.53E-07	1.07E-06	6.18E-07	6.96E-07	6.31E-07	2.88E-07	1.57E-07	1.18E-08	2.85E-07	6.29E-08	9.46E-08	1.50E-07	2.64E-08	8.22E-08	7.13E-07
298	488567.32	3858009.41	9.95E-04	1.13E-03	5.99E-04	3.45E-07	1.04E-06	6.03E-07	6.82E-07	6.18E-07	2.82E-07	1.50E-07	1.15E-08	2.78E-07	6.14E-08	9.26E-08	1.47E-07	2.59E-08	7.88E-08	6.95E-07
299	488617.32	3858009.41	9.78E-04	1.11E-03	5.80E-04	3.39E-07	1.02E-06	5.93E-07	6.72E-07	6.09E-07	2.78E-07	1.45E-07	1.13E-08	2.73E-07	6.03E-08	9.12E-08	1.45E-07	2.55E-08	7.63E-08	6.83E-07
300	488667.32	3858009.41	9.65E-04	1.10E-03	5.65E-04	3.34E-07	1.01E-06	5.84E-07	6.64E-07	6.02E-07	2.75E-07	1.42E-07	1.12E-08	2.70E-07	5.95E-08	9.02E-08	1.43E-07	2.52E-08	7.43E-08	6.73E-07
301	488717.32	3858009.41	9.53E-04	1.09E-03	5.52E-04	3.30E-07	9.98E-07	5.78E-07	6.58E-07	5.96E-07	2.72E-07	1.38E-07	1.10E-08	2.67E-07	5.88E-08	8.93E-08	1.42E-07	2.50E-08	7.26E-08	6.65E-07
302	488767.32	3858009.41	9.44E-04	1.08E-03	5.42E-04	3.27E-07	9.88E-07	5.72E-07	6.52E-07	5.91E-07	2.70E-07	1.36E-07	1.09E-08	2.64E-07	5.82E-08	8.86E-08	1.40E-07	2.48E-08	7.12E-08	6.58E-07
303	488417.32	3858059.41	9.59E-04	1.08E-03	5.91E-04	3.33E-07	1.00E-06	5.81E-07	6.55E-07	5.94E-07	2.71E-07	1.48E-07	1.11E-08	2.68E-07	5.92E-08	8.89E-08	1.41E-07	2.49E-08	7.77E-08	6.71E-07
304	488467.32	3858059.41	9.36E-04	1.06E-03	5.67E-04	3.24E-07	9.79E-07	5.67E-07	6.41E-07	5.81E-07	2.65E-07	1.42E-07	1.08E-08	2.62E-07	5.77E-08	8.70E-08	1.38E-07	2.43E-08	7.46E-08	6.54E-07
305	488517.32	3858059.41	9.17E-04	1.04E-03	5.48E-04	3.18E-07	9.60E-07	5.56E-07	6.29E-07	5.71E-07	2.60E-07	1.37E-07	1.06E-08	2.56E-07	5.66E-08	8.55E-08	1.36E-07	2.39E-08	7.21E-08	6.41E-07
306	488567.32	3858059.41	9.03E-04	1.02E-03	5.32E-04	3.13E-07	9.44E-07	5.47E-07	6.21E-07	5.63E-07	2.57E-07	1.33E-07	1.04E-08	2.52E-07	5.57E-08	8.43E-08	1.34E-07	2.36E-08	7.00E-08	6.30E-07
307	488617.32	3858059.41	8.91E-04	1.01E-03	5.20E-04	3.09E-07	9.33E-07	5.40E-07	6.14E-07	5.57E-07	2.54E-07	1.30E-07	1.03E-08	2.49E-07	5.50E-08	8.34E-08	1.32E-07	2.33E-08	6.84E-08	6.22E-07
308	488667.32	3858059.41	8.84E-04	1.01E-03	5.10E-04	3.06E-07	9.25E-07	5.35E-07	6.10E-07	5.53E-07	2.52E-07	1.28E-07	1.02E-08	2.47E-07	5.45E-08	8.28E-08	1.31E-07	2.32E-08	6.71E-08	6.16E-07
309	488417.32	3858109.41	8.48E-04	9.63E-04	4.99E-04	2.94E-07	8.88E-07	5.14E-07	5.83E-07	5.29E-07	2.41E-07	1.25E-07	9.82E-09	2.37E-07	5.23E-08	7.92E-08	1.26E-07	2.21E-08	6.57E-08	5.92E-07
310	488467.32	3858109.41	8.37E-04	9.51E-04	4.89E-04	2.90E-07	8.75E-07	5.07E-07	5.76E-07	5.22E-07	2.38E-07	1.23E-07	9.68E-09	2.34E-07	5.16E-08	7.82E-08	1.24E-07	2.19E-08	6.43E-08	5.84E-07

311	488517.32	3858109.41	8.26E-04	9.41E-04	4.79E-04	2.86E-07	8.65E-07	5.01E-07	5.70E-07	5.17E-07	2.36E-07	1.20E-07	9.56E-09	2.31E-07	5.10E-08	7.74E-08	1.23E-07	2.16E-08	6.30E-08	5.76E-07
312	488567.32	3858109.41	8.19E-04	9.33E-04	4.71E-04	2.84E-07	8.57E-07	4.96E-07	5.65E-07	5.12E-07	2.34E-07	1.18E-07	9.47E-09	2.29E-07	5.05E-08	7.67E-08	1.22E-07	2.15E-08	6.20E-08	5.71E-07
313	488617.32	3858109.41	8.12E-04	9.27E-04	4.64E-04	2.82E-07	8.50E-07	4.92E-07	5.62E-07	5.09E-07	2.32E-07	1.16E-07	9.40E-09	2.27E-07	5.01E-08	7.62E-08	1.21E-07	2.13E-08	6.11E-08	5.66E-07
314	488667.32	3858109.41	8.09E-04	9.25E-04	4.60E-04	2.81E-07	8.47E-07	4.90E-07	5.60E-07	5.08E-07	2.32E-07	1.15E-07	9.37E-09	2.26E-07	4.99E-08	7.61E-08	1.21E-07	2.13E-08	6.05E-08	5.64E-07
315	488769.93	3858449.27	5.36E-04	6.19E-04	2.87E-04	1.86E-07	5.61E-07	3.25E-07	3.75E-07	3.40E-07	1.55E-07	7.19E-08	6.21E-09	1.50E-07	3.31E-08	5.09E-08	8.07E-08	1.42E-08	3.77E-08	3.73E-07
316	488819.93	3858449.27	5.35E-04	6.17E-04	2.86E-04	1.85E-07	5.60E-07	3.24E-07	3.74E-07	3.39E-07	1.55E-07	7.17E-08	6.19E-09	1.49E-07	3.30E-08	5.07E-08	8.05E-08	1.42E-08	3.76E-08	3.72E-07
317	488819.93	3858499.27	5.14E-04	5.93E-04	2.74E-04	1.78E-07	5.37E-07	3.11E-07	3.59E-07	3.25E-07	1.48E-07	6.86E-08	5.94E-09	1.44E-07	3.17E-08	4.87E-08	7.73E-08	1.36E-08	3.60E-08	3.57E-07
318	488869.93	3858499.27	5.12E-04	5.90E-04	2.73E-04	1.77E-07	5.36E-07	3.10E-07	3.58E-07	3.24E-07	1.48E-07	6.85E-08	5.92E-09	1.43E-07	3.16E-08	4.86E-08	7.70E-08	1.36E-08	3.59E-08	3.56E-07
319	488869.93	3858549.27	4.93E-04	5.69E-04	2.63E-04	1.71E-07	5.16E-07	2.99E-07	3.45E-07	3.12E-07	1.43E-07	6.58E-08	5.71E-09	1.38E-07	3.04E-08	4.68E-08	7.42E-08	1.31E-08	3.45E-08	3.43E-07
320	489438.17	3859571.48	2.81E-04	3.24E-04	1.53E-04	9.75E-08	2.94E-07	1.70E-07	1.96E-07	1.78E-07	8.11E-08	3.83E-08	3.26E-09	7.86E-08	1.74E-08	2.66E-08	4.22E-08	7.44E-09	2.01E-08	1.96E-07
321	489488.17	3859571.48	2.81E-04	3.24E-04	1.53E-04	9.75E-08	2.94E-07	1.70E-07	1.96E-07	1.78E-07	8.11E-08	3.82E-08	3.26E-09	7.86E-08	1.74E-08	2.66E-08	4.22E-08	7.44E-09	2.01E-08	1.96E-07
322	489538.17	3859571.48	2.81E-04	3.23E-04	1.52E-04	9.74E-08	2.94E-07	1.70E-07	1.96E-07	1.78E-07	8.10E-08	3.81E-08	3.25E-09	7.85E-08	1.73E-08	2.66E-08	4.22E-08	7.44E-09	2.00E-08	1.95E-07
323	489588.17	3859571.48	2.80E-04	3.22E-04	1.51E-04	9.70E-08	2.93E-07	1.70E-07	1.95E-07	1.77E-07	8.08E-08	3.79E-08	3.24E-09	7.83E-08	1.73E-08	2.65E-08	4.21E-08	7.41E-09	1.99E-08	1.95E-07
324	489438.17	3859621.48	2.74E-04	3.15E-04	1.49E-04	9.48E-08	2.86E-07	1.66E-07	1.91E-07	1.73E-07	7.88E-08	3.73E-08	3.17E-09	7.65E-08	1.69E-08	2.59E-08	4.10E-08	7.23E-09	1.96E-08	1.90E-07
325	489488.17	3859621.48	2.74E-04	3.15E-04	1.49E-04	9.49E-08	2.86E-07	1.66E-07	1.91E-07	1.73E-07	7.89E-08	3.73E-08	3.17E-09	7.65E-08	1.69E-08	2.59E-08	4.11E-08	7.24E-09	1.96E-08	1.90E-07
326	489538.17	3859621.48	2.74E-04	3.15E-04	1.48E-04	9.49E-08	2.86E-07	1.66E-07	1.91E-07	1.73E-07	7.89E-08	3.72E-08	3.17E-09	7.65E-08	1.69E-08	2.59E-08	4.11E-08	7.25E-09	1.95E-08	1.90E-07
327	489588.17	3859621.48	2.74E-04	3.15E-04	1.48E-04	9.49E-08	2.86E-07	1.66E-07	1.91E-07	1.73E-07	7.90E-08	3.71E-08	3.17E-09	7.65E-08	1.69E-08	2.59E-08	4.11E-08	7.25E-09	1.95E-08	1.90E-07
328	489238.17	3859671.48	2.63E-04	3.02E-04	1.45E-04	9.13E-08	2.76E-07	1.60E-07	1.83E-07	1.66E-07	7.58E-08	3.64E-08	3.05E-09	7.36E-08	1.63E-08	2.49E-08	3.94E-08	6.95E-09	1.91E-08	1.83E-07
329	489288.17	3859671.48	2.64E-04	3.03E-04	1.45E-04	9.14E-08	2.76E-07	1.60E-07	1.83E-07	1.66E-07	7.59E-08	3.63E-08	3.05E-09	7.37E-08	1.63E-08	2.49E-08	3.95E-08	6.96E-09	1.91E-08	1.84E-07
330	489338.17	3859671.48	2.64E-04	3.04E-04	1.45E-04	9.16E-08	2.77E-07	1.60E-07	1.84E-07	1.67E-07	7.61E-08	3.63E-08	3.06E-09	7.39E-08	1.63E-08	2.50E-08	3.96E-08	6.98E-09	1.91E-08	1.84E-07
331	489388.17	3859671.48	2.65E-04	3.05E-04	1.45E-04	9.19E-08	2.78E-07	1.61E-07	1.85E-07	1.67E-07	7.64E-08	3.63E-08	3.07E-09	7.42E-08	1.64E-08	2.51E-08	3.98E-08	7.01E-09	1.91E-08	1.85E-07
332	489438.17	3859671.48	2.66E-04	3.06E-04	1.45E-04	9.21E-08	2.78E-07	1.61E-07	1.85E-07	1.68E-07	7.66E-08	3.63E-08	3.08E-09	7.43E-08	1.64E-08	2.51E-08	3.99E-08	7.03E-09	1.90E-08	1.85E-07
333	489488.17	3859671.48	2.67E-04	3.07E-04	1.45E-04	9.24E-08	2.79E-07	1.61E-07	1.86E-07	1.68E-07	7.68E-08	3.63E-08	3.09E-09	7.45E-08	1.64E-08	2.52E-08	4.00E-08	7.05E-09	1.91E-08	1.85E-07
334	489538.17	3859671.48	2.67E-04	3.07E-04	1.45E-04	9.25E-08	2.79E-07	1.62E-07	1.86E-07	1.69E-07	7.70E-08	3.63E-08	3.09E-09	7.46E-08	1.65E-08	2.53E-08	4.01E-08	7.06E-09	1.90E-08	1.86E-07
335	489588.17	3859671.48	2.67E-04	3.08E-04	1.45E-04	9.26E-08	2.80E-07	1.62E-07	1.86E-07	1.69E-07	7.71E-08	3.63E-08	3.09E-09	7.47E-08	1.65E-08	2.53E-08	4.01E-08	7.07E-09	1.90E-08	1.86E-07
336	489238.17	3859721.48	2.56E-04	2.94E-04	1.41E-04	8.87E-08	2.68E-07	1.55E-07	1.78E-07	1.61E-07	7.36E-08	3.54E-08	2.96E-09	7.15E-08	1.58E-08	2.42E-08	3.83E-08	6.75E-09	1.86E-08	1.78E-07
337	489288.17	3859721.48	2.57E-04	2.95E-04	1.41E-04	8.89E-08	2.68E-07	1.55E-07	1.78E-07	1.62E-07	7.38E-08	3.54E-08	2.97E-09	7.17E-08	1.58E-08	2.42E-08	3.84E-08	6.77E-09	1.86E-08	1.78E-07
338	489338.17	3859721.48	2.57E-04	2.95E-04	1.41E-04	8.91E-08	2.69E-07	1.56E-07	1.79E-07	1.62E-07	7.40E-08	3.53E-08	2.97E-09	7.18E-08	1.59E-08	2.43E-08	3.85E-08	6.79E-09	1.85E-08	1.79E-07
339	489388.17	3859721.48	2.58E-04	2.96E-04	1.41E-04	8.93E-08	2.70E-07	1.56E-07	1.79E-07	1.63E-07	7.42E-08	3.53E-08	2.98E-09	7.20E-08	1.59E-08	2.44E-08	3.86E-08	6.81E-09	1.85E-08	1.79E-07
340	489438.17	3859721.48	2.58E-04	2.97E-04	1.41E-04	8.95E-08	2.70E-07	1.56E-07	1.80E-07	1.63E-07	7.44E-08	3.53E-08	2.99E-09	7.22E-08	1.59E-08	2.44E-08	3.87E-08	6.83E-09	1.85E-08	1.80E-07
341	489488.17	3859721.48	2.59E-04	2.98E-04	1.41E-04	8.98E-08	2.71E-07	1.57E-07	1.81E-07	1.64E-07	7.47E-08	3.53E-08	3.00E-09	7.25E-08	1.60E-08	2.45E-08	3.89E-08	6.86E-09	1.85E-08	1.80E-07
342	489538.17	3859721.48	2.60E-04	2.99E-04	1.41E-04	9.01E-08	2.72E-07	1.57E-07	1.81E-07	1.64E-07	7.50E-08	3.54E-08	3.01E-09	7.27E-08	1.60E-08	2.46E-08	3.90E-08	6.88E-09	1.86E-08	1.81E-07
343	489588.17	3859721.48	2.61E-04	3.00E-04	1.41E-04	9.03E-08	2.73E-07	1.58E-07	1.82E-07	1.65E-07	7.51E-08	3.54E-08	3.02E-09	7.28E-08	1.61E-08	2.47E-08	3.91E-08	6.90E-09	1.86E-08	1.81E-07
344	489238.17	3859771.48	2.49E-04	2.85E-04	1.37E-04	8.62E-08	2.60E-07	1.51E-07	1.73E-07	1.57E-07	7.15E-08	3.44E-08	2.88E-09	6.95E-08	1.53E-08	2.35E-08	3.72E-08	6.56E-09	1.81E-08	1.73E-07
345	489288.17	3859771.48	2.49E-04	2.86E-04	1.37E-04	8.64E-08	2.61E-07	1.51E-07	1.73E-07	1.57E-07	7.17E-08	3.44E-08	2.88E-09	6.97E-08	1.54E-08	2.35E-08	3.73E-08	6.58E-09	1.80E-08	1.73E-07
346	489338.17	3859771.48	2.49E-04	2.87E-04	1.37E-04	8.64E-08	2.61E-07	1.51E-07	1.74E-07	1.57E-07	7.18E-08	3.43E-08	2.89E-09	6.97E-08	1.54E-08	2.36E-08	3.74E-08	6.59E-09	1.80E-08	1.74E-07
347	489388.17	3859771.48	2.50E-04	2.87E-04	1.37E-04	8.67E-08	2.62E-07	1.51E-07	1.74E-07	1.58E-07	7.20E-08	3.43E-08	2.89E-09	6.99E-08	1.54E-08	2.36E-08	3.75E-08	6.61E-09	1.80E-08	1.74E-07
348	489438.17	3859771.48	2.51E-04	2.88E-04	1.37E-04	8.68E-08	2.62E-07	1.52E-07	1.75E-07	1.58E-07	7.22E-08	3.42E-08	2.90E-09	7.00E-08	1.55E-08	2.37E-08	3.76E-08	6.62E-09	1.80E-08	1.74E-07
349	489488.17	3859771.48	2.52E-04	2.90E-04	1.37E-04	8.73E-08	2.64E-07	1.53E-07	1.76E-07	1.59E-07	7.26E-08	3.43E-08	2.92E-09	7.04E-08	1.55E-08	2.38E-08	3.78E-08	6.66E-09	1.80E-08	1.75E-07
350	489538.17	3859771.48	2.53E-04	2.91E-04	1.37E-04	8.77E-08	2.65E-07	1.53E-07	1.76E-07	1.60E-07	7.30E-08	3.44E-08	2.93E-09	7.07E-08	1.56E-08	2.40E-08	3.80E-08	6.70E-09	1.81E-08	1.76E-07
351	489588.17	3859771.48	2.54E-04	2.92E-04	1.37E-04	8.79E-08	2.65E-07	1.54E-07	1.77E-07	1.60E-07	7.31E-08	3.44E-08	2.94E-09	7.09E-08	1.56E-08	2.40E-08	3.81E-08	6.71E-09	1.81E-08	1.76E-07
352	489238.17	3859821.48	2.42E-04	2.77E-04	1.33E-04	8.38E-08	2.53E-07	1.46E-07	1.68E-07	1.52E-07	6.95E-08	3.34E-08	2.80E-09	6.76E-08	1.49E-08	2.28E-08	3.62E-08	6.38E-09	1.75E-08	1.68E-07
353	489288.17	3859821.48	2.42E-04	2.78E-04	1.33E-04	8.39E-08	2.53E-07	1.47E-07	1.68E-07	1.53E-07	6.97E-08	3.34E-08	2.80E-09	6.77E-08	1.49E-08	2.29E-08	3.63E-08	6.39E-09	1.75E-08	1.68E-07
354	489338.17	3859821.48	2.42E-04	2.78E-04	1.33E-04	8.40E-08	2.54E-07	1.47E-07	1.69E-07	1.53E-07	6.98E-08	3.33E-08	2.80E-09	6.77E-08	1.49E-08	2.29E-08	3.63E-08	6.40E-09	1.75E-08	1.69E-07
355	489388.17	3859821.48	2.43E-04	2.79E-04	1.33E-04	8.42E-08	2.54E-07	1.47E-07	1.69E-07	1.53E-07	6.99E-08	3.33E-08	2.81E-09	6.79E-08	1.50E-08	2.30E-08	3.64E-08	6.42E-09	1.75E-08	1.69E-07
356	489438.17	3859821.48	2.44E-04	2.80E-04	1.33E-04	8.45E-08	2.55E-07	1.48E-07	1.70E-07	1.54E-07	7.03E-08	3.33E-08	2.82E-09	6.82E-08	1.50E-08	2.31E-08	3.66E-08	6.45E-09	1.75E-08	1.70E-07
357	489488.17	3859821.48	2.45E-04	2.82E-04	1.33E-04	8.49E-08	2.56E-07	1.48E-07	1.71E-07	1.55E-07	7.06E-08	3.34E-08	2.84E-09	6.85E-08	1.51E-08	2.32E-08	3.68E-08	6.48E-09	1.75E-08	1.70E-07
358	489538.17	3859821.48	2.46E-04	2.83E-04	1.34E-04	8.53E-08	2.58E-07	1.49E-07	1.72E-07	1.56E-07	7.10E-08	3.35E-08	2.85E-09	6.88E-08	1.52E-08	2.33E-08	3.70E-08	6.51E-09	1.76E-08	1.71E-07
359	489588.17	3859821.48	2.47E-04	2.84E-04	1.34E-04	8.56E-08	2.58E-07	1.50E-07	1.72E-07	1.56E-07	7.12E-08	3.35E-08	2.86E-09	6.90E-08	1.52E-08	2.34E-08	3.71E-08	6.54E-09	1.76E-08	1.72E-07
360	489238.17	3859871.48	2.35E-04	2.70E-04	1.30E-04	8.15E-08	2.46E-07	1.43E-07	1.64E-07	1.48E-07	6.77E-08	3.25E-08	2.72E-09	6.58E-08	1.45E-08	2.22E-08	3.52E-08	6.21E-09	1.71E-08	1.64E-07
361	489288.17	3859871.48	2.35E-04	2.70E-04	1.29E-04	8.16E-08	2.46E-07	1.43E-07	1.64E-07	1.48E-07	6.77E-08	3.24E-08	2.72E-09	6.58E-08	1.45E-08	2.22E-08	3.53E-08	6.22E-09	1.70E-08	1.64E-07
362	489338.17	3859871.48	2.36E-04	2.71E-04	1.29E-04	8.17E-08	2.47E-07	1.43E-07	1.64E-07	1.49E-07	6.78E-08	3.24E-08	2.73E-09	6.59E-08	1.45E-08	2.23E-08	3.53E-08	6.23E-09	1.70E-08	1.64E-07
363	489388.17	3859871.48	2.36E-04	2.72E-04	1.29E-04	8.19E-08	2.47E-07	1.43E-07	1.65E-07	1.49E-07	6.81E-08	3.24E-08	2.74E-09	6.61E-08	1.46E-08	2.23E-08	3.54E-08	6.25E-09	1.70E-08	1.64E-07

364	489438.17	3859871.48	2.38E-04	2.73E-04	1.30E-04	8.24E-08	2.49E-07	1.44E-07	1.66E-07	1.50E-07	6.85E-08	3.25E-08	2.75E-09	6.64E-08	1.47E-08	2.25E-08	3.57E-08	6.28E-09	1.70E-08	1.65E-07
365	489488.17	3859871.48	2.39E-04	2.75E-04	1.30E-04	8.29E-08	2.50E-07	1.45E-07	1.67E-07	1.51E-07	6.90E-08	3.26E-08	2.77E-09	6.69E-08	1.48E-08	2.26E-08	3.59E-08	6.33E-09	1.71E-08	1.66E-07
366	489538.17	3859871.48	2.40E-04	2.76E-04	1.30E-04	8.31E-08	2.51E-07	1.45E-07	1.67E-07	1.52E-07	6.91E-08	3.26E-08	2.77E-09	6.70E-08	1.48E-08	2.27E-08	3.60E-08	6.34E-09	1.71E-08	1.67E-07
367	489588.17	3859871.48	2.41E-04	2.77E-04	1.30E-04	8.34E-08	2.52E-07	1.46E-07	1.68E-07	1.52E-07	6.94E-08	3.27E-08	2.79E-09	6.73E-08	1.48E-08	2.28E-08	3.61E-08	6.37E-09	1.71E-08	1.67E-07
368	489238.17	3859921.48	2.29E-04	2.63E-04	1.26E-04	7.95E-08	2.40E-07	1.39E-07	1.60E-07	1.45E-07	6.60E-08	3.17E-08	2.66E-09	6.41E-08	1.42E-08	2.17E-08	3.44E-08	6.06E-09	1.66E-08	1.60E-07
369	489288.17	3859921.48	2.30E-04	2.64E-04	1.26E-04	7.96E-08	2.40E-07	1.39E-07	1.60E-07	1.45E-07	6.61E-08	3.16E-08	2.66E-09	6.42E-08	1.42E-08	2.17E-08	3.44E-08	6.07E-09	1.66E-08	1.60E-07
370	489338.17	3859921.48	2.30E-04	2.64E-04	1.26E-04	7.97E-08	2.41E-07	1.39E-07	1.60E-07	1.45E-07	6.62E-08	3.16E-08	2.66E-09	6.43E-08	1.42E-08	2.17E-08	3.45E-08	6.08E-09	1.66E-08	1.60E-07
371	489388.17	3859921.48	2.31E-04	2.65E-04	1.26E-04	8.00E-08	2.41E-07	1.40E-07	1.61E-07	1.46E-07	6.64E-08	3.16E-08	2.67E-09	6.45E-08	1.42E-08	2.18E-08	3.46E-08	6.10E-09	1.66E-08	1.60E-07
372	489438.17	3859921.48	2.32E-04	2.67E-04	1.26E-04	8.04E-08	2.43E-07	1.41E-07	1.62E-07	1.47E-07	6.69E-08	3.17E-08	2.69E-09	6.49E-08	1.43E-08	2.20E-08	3.48E-08	6.14E-09	1.66E-08	1.61E-07
373	489488.17	3859921.48	2.33E-04	2.68E-04	1.27E-04	8.07E-08	2.44E-07	1.41E-07	1.62E-07	1.47E-07	6.72E-08	3.17E-08	2.70E-09	6.51E-08	1.44E-08	2.20E-08	3.50E-08	6.16E-09	1.67E-08	1.62E-07
374	489538.17	3859921.48	2.34E-04	2.69E-04	1.27E-04	8.10E-08	2.45E-07	1.42E-07	1.63E-07	1.48E-07	6.74E-08	3.18E-08	2.70E-09	6.53E-08	1.44E-08	2.21E-08	3.51E-08	6.18E-09	1.67E-08	1.62E-07
375	489588.17	3859921.48	2.35E-04	2.70E-04	1.27E-04	8.14E-08	2.46E-07	1.42E-07	1.64E-07	1.48E-07	6.77E-08	3.19E-08	2.72E-09	6.57E-08	1.45E-08	2.22E-08	3.53E-08	6.22E-09	1.67E-08	1.63E-07
376	489238.17	3859971.48	2.24E-04	2.57E-04	1.23E-04	7.76E-08	2.34E-07	1.36E-07	1.56E-07	1.41E-07	6.44E-08	3.09E-08	2.59E-09	6.26E-08	1.38E-08	2.11E-08	3.35E-08	5.91E-09	1.62E-08	1.56E-07
377	489288.17	3859971.48	2.24E-04	2.57E-04	1.23E-04	7.76E-08	2.34E-07	1.36E-07	1.56E-07	1.41E-07	6.44E-08	3.08E-08	2.59E-09	6.26E-08	1.38E-08	2.11E-08	3.35E-08	5.91E-09	1.62E-08	1.56E-07
378	489338.17	3859971.48	2.24E-04	2.58E-04	1.23E-04	7.77E-08	2.35E-07	1.36E-07	1.56E-07	1.42E-07	6.46E-08	3.08E-08	2.60E-09	6.27E-08	1.38E-08	2.12E-08	3.36E-08	5.93E-09	1.61E-08	1.56E-07
379	489388.17	3859971.48	2.25E-04	2.59E-04	1.23E-04	7.81E-08	2.36E-07	1.36E-07	1.57E-07	1.42E-07	6.49E-08	3.08E-08	2.61E-09	6.30E-08	1.39E-08	2.13E-08	3.38E-08	5.95E-09	1.62E-08	1.57E-07
380	489438.17	3859971.48	2.27E-04	2.61E-04	1.23E-04	7.86E-08	2.37E-07	1.37E-07	1.58E-07	1.43E-07	6.53E-08	3.09E-08	2.62E-09	6.34E-08	1.40E-08	2.14E-08	3.40E-08	6.00E-09	1.62E-08	1.58E-07
381	489488.17	3859971.48	2.29E-04	2.63E-04	1.24E-04	7.92E-08	2.39E-07	1.38E-07	1.59E-07	1.44E-07	6.59E-08	3.11E-08	2.64E-09	6.39E-08	1.41E-08	2.16E-08	3.43E-08	6.05E-09	1.63E-08	1.59E-07
382	489538.17	3859971.48	2.30E-04	2.64E-04	1.24E-04	7.96E-08	2.40E-07	1.39E-07	1.60E-07	1.45E-07	6.63E-08	3.12E-08	2.66E-09	6.42E-08	1.42E-08	2.17E-08	3.45E-08	6.08E-09	1.64E-08	1.60E-07
383	489588.17	3859971.48	2.31E-04	2.66E-04	1.25E-04	8.00E-08	2.42E-07	1.40E-07	1.61E-07	1.46E-07	6.66E-08	3.13E-08	2.67E-09	6.45E-08	1.42E-08	2.19E-08	3.47E-08	6.11E-09	1.64E-08	1.60E-07
384	483577.7	3854071	3.75E-04	4.34E-04	1.95E-04	1.30E-07	3.92E-07	2.27E-07	2.63E-07	2.38E-07	1.09E-07	4.89E-08	4.34E-09	1.05E-07	2.31E-08	3.57E-08	5.66E-08	9.97E-09	2.57E-08	2.60E-07
385	483627.7	3854071	3.90E-04	4.51E-04	2.03E-04	1.35E-07	4.08E-07	2.36E-07	2.73E-07	2.48E-07	1.13E-07	5.09E-08	4.51E-09	1.09E-07	2.40E-08	3.71E-08	5.89E-08	1.04E-08	2.67E-08	2.71E-07
386	483677.7	3854071	4.02E-04	4.66E-04	2.10E-04	1.39E-07	4.21E-07	2.44E-07	2.82E-07	2.56E-07	1.17E-07	5.26E-08	4.66E-09	1.12E-07	2.48E-08	3.83E-08	6.08E-08	1.07E-08	2.76E-08	2.79E-07
387	483727.7	3854071	4.12E-04	4.77E-04	2.15E-04	1.43E-07	4.31E-07	2.50E-07	2.89E-07	2.62E-07	1.20E-07	5.38E-08	4.77E-09	1.15E-07	2.54E-08	3.92E-08	6.22E-08	1.10E-08	2.82E-08	2.86E-07
388	483777.7	3854071	4.18E-04	4.83E-04	2.18E-04	1.45E-07	4.37E-07	2.53E-07	2.93E-07	2.65E-07	1.21E-07	5.45E-08	4.83E-09	1.17E-07	2.58E-08	3.98E-08	6.31E-08	1.11E-08	2.86E-08	2.90E-07
389	483577.7	3854121	3.77E-04	4.37E-04	1.97E-04	1.31E-07	3.95E-07	2.29E-07	2.65E-07	2.40E-07	1.09E-07	4.93E-08	4.37E-09	1.05E-07	2.33E-08	3.59E-08	5.70E-08	1.00E-08	2.59E-08	2.62E-07
390	483627.7	3854121	3.94E-04	4.56E-04	2.05E-04	1.37E-07	4.12E-07	2.39E-07	2.76E-07	2.50E-07	1.14E-07	5.15E-08	4.56E-09	1.10E-07	2.43E-08	3.75E-08	5.95E-08	1.05E-08	2.70E-08	2.73E-07
391	483677.7	3854121	4.09E-04	4.74E-04	2.13E-04	1.42E-07	4.28E-07	2.48E-07	2.87E-07	2.60E-07	1.19E-07	5.34E-08	4.73E-09	1.14E-07	2.52E-08	3.89E-08	6.18E-08	1.09E-08	2.80E-08	2.84E-07
392	483727.7	3854121	4.21E-04	4.88E-04	2.20E-04	1.46E-07	4.41E-07	2.55E-07	2.96E-07	2.68E-07	1.22E-07	5.50E-08	4.88E-09	1.18E-07	2.60E-08	4.01E-08	6.37E-08	1.12E-08	2.89E-08	2.93E-07
393	483777.7	3854121	4.34E-04	5.03E-04	2.26E-04	1.50E-07	4.54E-07	2.63E-07	3.04E-07	2.76E-07	1.26E-07	5.67E-08	5.02E-09	1.21E-07	2.68E-08	4.13E-08	6.56E-08	1.16E-08	2.98E-08	3.01E-07
394	483577.7	3854171	3.80E-04	4.40E-04	1.98E-04	1.32E-07	3.98E-07	2.30E-07	2.67E-07	2.42E-07	1.10E-07	4.97E-08	4.40E-09	1.06E-07	2.34E-08	3.62E-08	5.74E-08	1.01E-08	2.61E-08	2.64E-07
395	483627.7	3854171	3.97E-04	4.59E-04	2.07E-04	1.37E-07	4.15E-07	2.40E-07	2.78E-07	2.52E-07	1.15E-07	5.18E-08	4.59E-09	1.11E-07	2.45E-08	3.78E-08	5.99E-08	1.06E-08	2.72E-08	2.75E-07
396	483677.7	3854171	4.13E-04	4.79E-04	2.15E-04	1.43E-07	4.33E-07	2.50E-07	2.90E-07	2.63E-07	1.20E-07	5.40E-08	4.78E-09	1.16E-07	2.55E-08	3.94E-08	6.24E-08	1.10E-08	2.83E-08	2.87E-07
397	483727.7	3854171	4.30E-04	4.98E-04	2.24E-04	1.49E-07	4.50E-07	2.60E-07	3.01E-07	2.73E-07	1.25E-07	5.61E-08	4.97E-09	1.20E-07	2.65E-08	4.09E-08	6.49E-08	1.14E-08	2.95E-08	2.98E-07
398	483777.7	3854171	4.43E-04	5.13E-04	2.31E-04	1.54E-07	4.64E-07	2.69E-07	3.11E-07	2.82E-07	1.29E-07	5.79E-08	5.13E-09	1.24E-07	2.74E-08	4.22E-08	6.70E-08	1.18E-08	3.04E-08	3.08E-07
399	483827.7	3854171	4.50E-04	5.21E-04	2.35E-04	1.56E-07	4.71E-07	2.73E-07	3.16E-07	2.86E-07	1.31E-07	5.88E-08	5.21E-09	1.26E-07	2.78E-08	4.29E-08	6.80E-08	1.20E-08	3.09E-08	3.12E-07
400	483877.7	3854171	4.53E-04	5.24E-04	2.36E-04	1.57E-07	4.74E-07	2.74E-07	3.17E-07	2.88E-07	1.31E-07	5.91E-08	5.24E-09	1.27E-07	2.79E-08	4.31E-08	6.84E-08	1.20E-08	3.10E-08	3.14E-07
401	483727.7	3854221	4.33E-04	5.01E-04	2.26E-04	1.50E-07	4.53E-07	2.62E-07	3.04E-07	2.75E-07	1.26E-07	5.65E-08	5.01E-09	1.21E-07	2.67E-08	4.12E-08	6.54E-08	1.15E-08	2.97E-08	3.00E-07
402	483777.7	3854221	4.48E-04	5.19E-04	2.34E-04	1.55E-07	4.69E-07	2.72E-07	3.15E-07	2.85E-07	1.30E-07	5.86E-08	5.19E-09	1.25E-07	2.77E-08	4.27E-08	6.77E-08	1.19E-08	3.08E-08	3.11E-07
403	483827.7	3854221	4.64E-04	5.37E-04	2.42E-04	1.61E-07	4.85E-07	2.81E-07	3.25E-07	2.95E-07	1.35E-07	6.06E-08	5.37E-09	1.30E-07	2.86E-08	4.42E-08	7.01E-08	1.23E-08	3.18E-08	3.22E-07
404	483877.7	3854221	4.70E-04	5.44E-04	2.45E-04	1.63E-07	4.92E-07	2.85E-07	3.30E-07	2.99E-07	1.36E-07	6.14E-08	5.44E-09	1.31E-07	2.90E-08	4.47E-08	7.10E-08	1.25E-08	3.22E-08	3.26E-07
405	489150.19	3858726.45	4.30E-04	4.96E-04	2.28E-04	1.49E-07	4.49E-07	2.60E-07	3.00E-07	2.72E-07	1.24E-07	5.72E-08	4.97E-09	1.20E-07	2.65E-08	4.08E-08	6.47E-08	1.14E-08	3.00E-08	2.98E-07
406	489200.19	3858726.45	4.28E-04	4.94E-04	2.28E-04	1.48E-07	4.48E-07	2.59E-07	2.99E-07	2.71E-07	1.24E-07	5.70E-08	4.95E-09	1.20E-07	2.64E-08	4.06E-08	6.44E-08	1.14E-08	2.99E-08	2.97E-07
407	489150.19	3858776.45	4.17E-04	4.81E-04	2.22E-04	1.44E-07	4.36E-07	2.53E-07	2.91E-07	2.64E-07	1.21E-07	5.55E-08	4.82E-09	1.17E-07	2.57E-08	3.96E-08	6.28E-08	1.11E-08	2.92E-08	2.90E-07
408	489200.19	3858776.45	4.15E-04	4.79E-04	2.21E-04	1.44E-07	4.34E-07	2.51E-07	2.90E-07	2.63E-07	1.20E-07	5.53E-08	4.80E-09	1.16E-07	2.56E-08	3.94E-08	6.25E-08	1.10E-08	2.90E-08	2.88E-07
409	488919.6	3856400.76	2.74E-03	3.18E-03	1.43E-03	9.50E-07	2.87E-06	1.66E-06	1.92E-06	1.74E-06	7.96E-07	3.57E-07	3.17E-08	7.66E-07	1.69E-07	2.61E-07	4.14E-07	7.30E-08	1.88E-07	1.90E-06
410	488919.6	3856450.76	2.77E-03	3.20E-03	1.44E-03	9.58E-07	2.89E-06	1.68E-06	1.94E-06	1.76E-06	8.03E-07	3.61E-07	3.20E-08	7.73E-07	1.71E-07	2.63E-07	4.18E-07	7.36E-08	1.89E-07	1.92E-06
411	488969.6	3856450.76	2.70E-03	3.13E-03	1.41E-03	9.36E-07	2.83E-06	1.64E-06	1.90E-06	1.72E-06	7.84E-07	3.52E-07	3.13E-08	7.55E-07	1.67E-07	2.57E-07	4.08E-07	7.20E-08	1.85E-07	1.88E-06
412	488919.6	3856500.76	2.78E-03	3.22E-03	1.45E-03	9.64E-07	2.91E-06	1.69E-06	1.95E-06	1.77E-06	8.07E-07	3.63E-07	3.22E-08	7.78E-07	1.72E-07	2.65E-07	4.20E-07	7.41E-08	1.90E-07	1.93E-06
413	488969.6	3856500.76	2.72E-03	3.15E-03	1.41E-03	9.42E-07	2.84E-06	1.65E-06	1.91E-06	1.73E-06	7.88E-07	3.54E-07	3.14E-08	7.60E-07	1.68E-07	2.59E-07	4.11E-07	7.24E-08	1.86E-07	1.89E-06
414	488919.6	3856550.76	2.79E-03	3.23E-03	1.45E-03	9.68E-07	2.92E-06	1.69E-06	1.96E-06	1.78E-06	8.10E-07	3.64E-07	3.23E-08	7.81E-07	1.72E-07	2.66E-07	4.22E-07	7.44E-08	1.91E-07	1.94E-06
415	488969.6	3856550.76	2.72E-03	3.16E-03	1.42E-03	9.44E-07	2.85E-06	1.65E-06	1.91E-06	1.73E-06	7.91E-07	3.55E-07	3.15E-08	7.62E-07	1.68E-07	2.60E-07	4.12E-07	7.26E-08	1.86E-07	1.89E-06
416	488819.6	3856600.76	2.94E-03	3.40E-03	1.53E-03	1.02E-06	3.07E-06	1.78E-06	2.06E-06	1.87E-06	8.53E-07	3.83E-07	3.40E-08	8.21E-07	1.81E-07	2.80E-07	4.44E-07	7.82E-08	2.01E-07	2.04E-06

417	488869.6	3856600.76	2.86E-03	3.32E-03	1.49E-03	9.93E-07	3.00E-06	1.73E-06	2.01E-06	1.82E-06	8.31E-07	3.73E-07	3.31E-08	8.01E-07	1.77E-07	2.73E-07	4.33E-07	7.63E-08	1.96E-07	1.99E-06
418	488919.6	3856600.76	2.79E-03	3.23E-03	1.45E-03	9.68E-07	2.92E-06	1.69E-06	1.96E-06	1.78E-06	8.10E-07	3.64E-07	3.23E-08	7.81E-07	1.72E-07	2.66E-07	4.22E-07	7.44E-08	1.91E-07	1.94E-06
419	488819.6	3856650.76	2.93E-03	3.40E-03	1.53E-03	1.02E-06	3.07E-06	1.78E-06	2.06E-06	1.86E-06	8.51E-07	3.82E-07	3.39E-08	8.20E-07	1.81E-07	2.79E-07	4.43E-07	7.81E-08	2.01E-07	2.04E-06
420	488869.6	3856650.76	2.86E-03	3.31E-03	1.49E-03	9.90E-07	2.99E-06	1.73E-06	2.00E-06	1.82E-06	8.29E-07	3.72E-07	3.31E-08	7.98E-07	1.76E-07	2.72E-07	4.32E-07	7.61E-08	1.95E-07	1.98E-06
421	488819.6	3856700.76	2.91E-03	3.37E-03	1.52E-03	1.01E-06	3.05E-06	1.77E-06	2.04E-06	1.85E-06	8.46E-07	3.80E-07	3.37E-08	8.15E-07	1.80E-07	2.78E-07	4.40E-07	7.76E-08	1.99E-07	2.02E-06
422	488869.6	3856700.76	2.84E-03	3.29E-03	1.48E-03	9.84E-07	2.97E-06	1.72E-06	1.99E-06	1.80E-06	8.24E-07	3.70E-07	3.28E-08	7.93E-07	1.75E-07	2.70E-07	4.29E-07	7.56E-08	1.94E-07	1.97E-06
423	488819.6	3856750.76	2.89E-03	3.34E-03	1.50E-03	1.00E-06	3.02E-06	1.75E-06	2.02E-06	1.84E-06	8.38E-07	3.76E-07	3.34E-08	8.07E-07	1.78E-07	2.75E-07	4.36E-07	7.69E-08	1.97E-07	2.00E-06
424	488869.6	3856750.76	2.81E-03	3.25E-03	1.46E-03	9.74E-07	2.94E-06	1.70E-06	1.97E-06	1.79E-06	8.15E-07	3.66E-07	3.25E-08	7.85E-07	1.73E-07	2.68E-07	4.24E-07	7.48E-08	1.92E-07	1.95E-06
425	488819.6	3857050.76	2.49E-03	2.88E-03	1.30E-03	8.63E-07	2.61E-06	1.51E-06	1.75E-06	1.58E-06	7.23E-07	3.25E-07	2.88E-08	6.96E-07	1.54E-07	2.37E-07	3.76E-07	6.63E-08	1.71E-07	1.73E-06
426	488869.6	3857050.76	2.43E-03	2.81E-03	1.26E-03	8.41E-07	2.54E-06	1.47E-06	1.70E-06	1.54E-06	7.04E-07	3.17E-07	2.81E-08	6.78E-07	1.50E-07	2.31E-07	3.66E-07	6.46E-08	1.66E-07	1.68E-06
427	488919.6	3857050.76	2.37E-03	2.74E-03	1.23E-03	8.20E-07	2.48E-06	1.43E-06	1.66E-06	1.50E-06	6.86E-07	3.09E-07	2.74E-08	6.61E-07	1.46E-07	2.25E-07	3.57E-07	6.30E-08	1.62E-07	1.64E-06
428	488819.6	3857100.76	2.40E-03	2.77E-03	1.25E-03	8.30E-07	2.51E-06	1.45E-06	1.68E-06	1.52E-06	6.95E-07	3.13E-07	2.77E-08	6.70E-07	1.48E-07	2.28E-07	3.62E-07	6.38E-08	1.64E-07	1.66E-06
429	488869.6	3857100.76	2.34E-03	2.71E-03	1.22E-03	8.10E-07	2.45E-06	1.42E-06	1.64E-06	1.49E-06	6.78E-07	3.05E-07	2.71E-08	6.53E-07	1.44E-07	2.23E-07	3.53E-07	6.22E-08	1.60E-07	1.62E-06
430	488919.6	3857100.76	2.28E-03	2.64E-03	1.19E-03	7.90E-07	2.39E-06	1.38E-06	1.60E-06	1.45E-06	6.61E-07	2.98E-07	2.64E-08	6.37E-07	1.41E-07	2.17E-07	3.44E-07	6.07E-08	1.56E-07	1.58E-06
431	488819.6	3857150.76	2.30E-03	2.66E-03	1.20E-03	7.97E-07	2.41E-06	1.39E-06	1.61E-06	1.46E-06	6.67E-07	3.00E-07	2.66E-08	6.43E-07	1.42E-07	2.19E-07	3.47E-07	6.12E-08	1.58E-07	1.60E-06
432	488869.6	3857150.76	2.24E-03	2.60E-03	1.17E-03	7.78E-07	2.35E-06	1.36E-06	1.57E-06	1.43E-06	6.51E-07	2.93E-07	2.60E-08	6.27E-07	1.38E-07	2.14E-07	3.39E-07	5.97E-08	1.54E-07	1.56E-06
433	488919.6	3857150.76	2.19E-03	2.54E-03	1.14E-03	7.60E-07	2.29E-06	1.33E-06	1.54E-06	1.39E-06	6.36E-07	2.86E-07	2.54E-08	6.13E-07	1.35E-07	2.09E-07	3.31E-07	5.83E-08	1.50E-07	1.52E-06
434	488969.6	3857150.76	2.14E-03	2.48E-03	1.12E-03	7.42E-07	2.24E-06	1.30E-06	1.50E-06	1.36E-06	6.21E-07	2.80E-07	2.48E-08	5.99E-07	1.32E-07	2.04E-07	3.24E-07	5.70E-08	1.47E-07	1.49E-06
435	488819.6	3857200.76	2.20E-03	2.55E-03	1.15E-03	7.62E-07	2.30E-06	1.33E-06	1.54E-06	1.40E-06	6.38E-07	2.87E-07	2.54E-08	6.15E-07	1.36E-07	2.09E-07	3.32E-07	5.85E-08	1.51E-07	1.53E-06
436	488869.6	3857200.76	2.15E-03	2.49E-03	1.12E-03	7.45E-07	2.25E-06	1.30E-06	1.51E-06	1.37E-06	6.23E-07	2.81E-07	2.49E-08	6.01E-07	1.33E-07	2.05E-07	3.24E-07	5.72E-08	1.47E-07	1.49E-06
437	488919.6	3857200.76	2.10E-03	2.43E-03	1.10E-03	7.28E-07	2.20E-06	1.27E-06	1.47E-06	1.34E-06	6.09E-07	2.75E-07	2.43E-08	5.87E-07	1.30E-07	2.00E-07	3.17E-07	5.59E-08	1.44E-07	1.46E-06
438	488969.6	3857200.76	2.06E-03	2.38E-03	1.07E-03	7.13E-07	2.15E-06	1.25E-06	1.44E-06	1.31E-06	5.96E-07	2.69E-07	2.38E-08	5.75E-07	1.27E-07	1.96E-07	3.11E-07	5.47E-08	1.41E-07	1.43E-06
439	488819.6	3857250.76	2.10E-03	2.43E-03	1.10E-03	7.27E-07	2.20E-06	1.27E-06	1.47E-06	1.33E-06	6.09E-07	2.75E-07	2.43E-08	5.87E-07	1.29E-07	2.00E-07	3.17E-07	5.59E-08	1.44E-07	1.46E-06
440	488869.6	3857250.76	2.05E-03	2.38E-03	1.07E-03	7.12E-07	2.15E-06	1.24E-06	1.44E-06	1.31E-06	5.96E-07	2.69E-07	2.38E-08	5.74E-07	1.27E-07	1.95E-07	3.10E-07	5.47E-08	1.41E-07	1.43E-06
441	488919.6	3857250.76	2.01E-03	2.33E-03	1.05E-03	6.97E-07	2.10E-06	1.22E-06	1.41E-06	1.28E-06	5.83E-07	2.63E-07	2.33E-08	5.62E-07	1.24E-07	1.91E-07	3.04E-07	5.35E-08	1.38E-07	1.40E-06
442	488969.6	3857250.76	1.97E-03	2.28E-03	1.03E-03	6.82E-07	2.06E-06	1.19E-06	1.38E-06	1.25E-06	5.71E-07	2.58E-07	2.28E-08	5.50E-07	1.21E-07	1.87E-07	2.97E-07	5.24E-08	1.35E-07	1.37E-06
443	488819.6	3857300.76	2.00E-03	2.31E-03	1.04E-03	6.92E-07	2.09E-06	1.21E-06	1.40E-06	1.27E-06	5.79E-07	2.62E-07	2.31E-08	5.58E-07	1.23E-07	1.90E-07	3.02E-07	5.32E-08	1.37E-07	1.39E-06
444	488869.6	3857300.76	1.96E-03	2.27E-03	1.02E-03	6.78E-07	2.05E-06	1.19E-06	1.37E-06	1.24E-06	5.68E-07	2.57E-07	2.27E-08	5.47E-07	1.21E-07	1.86E-07	2.96E-07	5.21E-08	1.35E-07	1.36E-06
445	488919.6	3857300.76	1.92E-03	2.22E-03	1.00E-03	6.65E-07	2.01E-06	1.16E-06	1.34E-06	1.22E-06	5.56E-07	2.52E-07	2.22E-08	5.36E-07	1.18E-07	1.83E-07	2.90E-07	5.10E-08	1.32E-07	1.33E-06
446	488819.6	3857450.76	1.70E-03	1.97E-03	8.98E-04	5.91E-07	1.78E-06	1.03E-06	1.19E-06	1.08E-06	4.94E-07	2.25E-07	1.97E-08	4.76E-07	1.05E-07	1.62E-07	2.57E-07	4.53E-08	1.18E-07	1.18E-06
447	488869.6	3857450.76	1.68E-03	1.94E-03	8.86E-04	5.82E-07	1.76E-06	1.02E-06	1.18E-06	1.07E-06	4.86E-07	2.22E-07	1.94E-08	4.70E-07	1.04E-07	1.60E-07	2.53E-07	4.46E-08	1.16E-07	1.17E-06
448	488919.6	3857450.76	1.65E-03	1.91E-03	8.72E-04	5.73E-07	1.73E-06	1.00E-06	1.16E-06	1.05E-06	4.79E-07	2.19E-07	1.91E-08	4.62E-07	1.02E-07	1.57E-07	2.49E-07	4.39E-08	1.15E-07	1.15E-06
449	488819.6	3857500.76	1.61E-03	1.87E-03	8.54E-04	5.60E-07	1.69E-06	9.78E-07	1.13E-06	1.02E-06	4.67E-07	2.14E-07	1.87E-08	4.51E-07	9.96E-08	1.53E-07	2.43E-07	4.29E-08	1.12E-07	1.12E-06
450	488869.6	3857500.76	1.59E-03	1.84E-03	8.43E-04	5.52E-07	1.67E-06	9.65E-07	1.11E-06	1.01E-06	4.61E-07	2.11E-07	1.84E-08	4.45E-07	9.82E-08	1.51E-07	2.40E-07	4.23E-08	1.11E-07	1.11E-06
451	488919.6	3857500.76	1.57E-03	1.81E-03	8.32E-04	5.44E-07	1.64E-06	9.51E-07	1.10E-06	9.96E-07	4.54E-07	2.09E-07	1.82E-08	4.39E-07	9.69E-08	1.49E-07	2.37E-07	4.17E-08	1.09E-07	1.09E-06
452	488819.6	3857550.76	1.53E-03	1.77E-03	8.14E-04	5.30E-07	1.60E-06	9.27E-07	1.07E-06	9.69E-07	4.42E-07	2.04E-07	1.77E-08	4.28E-07	9.44E-08	1.45E-07	2.30E-07	4.06E-08	1.07E-07	1.06E-06
453	488869.6	3857550.76	1.51E-03	1.74E-03	8.05E-04	5.24E-07	1.58E-06	9.16E-07	1.06E-06	9.58E-07	4.37E-07	2.02E-07	1.75E-08	4.23E-07	9.32E-08	1.43E-07	2.28E-07	4.01E-08	1.06E-07	1.05E-06
454	488919.6	3857550.76	1.49E-03	1.72E-03	7.95E-04	5.17E-07	1.56E-06	9.04E-07	1.04E-06	9.45E-07	4.31E-07	1.99E-07	1.73E-08	4.17E-07	9.20E-08	1.42E-07	2.25E-07	3.96E-08	1.05E-07	1.04E-06
455	489663.71	3860900.05	1.41E-04	1.62E-04	7.41E-05	4.87E-08	1.47E-07	8.52E-08	9.84E-08	8.92E-08	4.07E-08	1.86E-08	1.63E-09	3.93E-08	8.67E-09	1.34E-08	2.12E-08	3.74E-09	9.75E-09	9.76E-08
456	489813.71	3860900.05	1.41E-04	1.63E-04	7.45E-05	4.90E-08	1.48E-07	8.57E-08	9.90E-08	8.97E-08	4.09E-08	1.87E-08	1.64E-09	3.95E-08	8.72E-09	1.34E-08	2.13E-08	3.76E-09	9.80E-09	9.82E-08
457	489863.71	3860900.05	1.41E-04	1.63E-04	7.46E-05	4.90E-08	1.48E-07	8.57E-08	9.90E-08	8.97E-08	4.09E-08	1.87E-08	1.64E-09	3.95E-08	8.72E-09	1.34E-08	2.13E-08	3.76E-09	9.80E-09	9.82E-08
458	489913.71	3860900.05	1.42E-04	1.64E-04	7.48E-05	4.91E-08	1.48E-07	8.59E-08	9.93E-08	9.00E-08	4.11E-08	1.87E-08	1.64E-09	3.96E-08	8.75E-09	1.35E-08	2.14E-08	3.77E-09	9.83E-09	9.85E-08
459	489963.71	3860900.05	1.42E-04	1.64E-04	7.48E-05	4.91E-08	1.48E-07	8.59E-08	9.92E-08	9.00E-08	4.11E-08	1.87E-08	1.64E-09	3.96E-08	8.74E-09	1.35E-08	2.14E-08	3.77E-09	9.83E-09	9.85E-08
460	490013.71	3860900.05	1.42E-04	1.64E-04	7.50E-05	4.93E-08	1.49E-07	8.61E-08	9.95E-08	9.02E-08	4.12E-08	1.88E-08	1.64E-09	3.97E-08	8.77E-09	1.35E-08	2.14E-08	3.78E-09	9.86E-09	9.87E-08
461	490063.71	3860900.05	1.42E-04	1.65E-04	7.51E-05	4.93E-08	1.49E-07	8.62E-08	9.97E-08	9.04E-08	4.12E-08	1.88E-08	1.65E-09	3.98E-08	8.78E-09	1.35E-08	2.15E-08	3.78E-09	9.87E-09	9.89E-08
462	489663.71	3860950.05	1.38E-04	1.59E-04	7.26E-05	4.78E-08	1.44E-07	8.35E-08	9.65E-08	8.75E-08	3.99E-08	1.82E-08	1.59E-09	3.85E-08	8.50E-09	1.31E-08	2.08E-08	3.66E-09	9.54E-09	9.57E-08
463	489813.71	3860950.05	1.39E-04	1.60E-04	7.30E-05	4.80E-08	1.45E-07	8.40E-08	9.71E-08	8.80E-08	4.02E-08	1.83E-08	1.60E-09	3.88E-08	8.55E-09	1.32E-08	2.09E-08	3.68E-09	9.61E-09	9.63E-08
464	489863.71	3860950.05	1.39E-04	1.60E-04	7.30E-05	4.80E-08	1.45E-07	8.40E-08	9.71E-08	8.80E-08	4.01E-08	1.83E-08	1.60E-09	3.87E-08	8.55E-09	1.32E-08	2.09E-08	3.68E-09	9.60E-09	9.63E-08
465	489913.71	3860950.05	1.39E-04	1.61E-04	7.32E-05	4.81E-08	1.45E-07	8.42E-08	9.73E-08	8.82E-08	4.02E-08	1.83E-08	1.61E-09	3.88E-08	8.57E-09	1.32E-08	2.10E-08	3.69E-09	9.63E-09	9.65E-08
466	489963.71	3860950.05	1.39E-04	1.61E-04	7.33E-05	4.82E-08	1.45E-07	8.42E-08	9.73E-08	8.82E-08	4.03E-08	1.84E-08	1.61E-09	3.89E-08	8.57E-09	1.32E-08	2.10E-08	3.69E-09	9.63E-09	9.65E-08
467	490013.71	3860950.05	1.39E-04	1.61E-04	7.34E-05	4.82E-08	1.46E-07	8.43E-08	9.75E-08	8.84E-08	4.03E-08	1.84E-08	1.61E-09	3.89E-08	8.59E-09	1.32E-08	2.10E-08	3.70E-09	9.65E-09	9.67E-08
468	490063.71	3860950.05	1.39E-04	1.61E-04	7.35E-05	4.83E-08	1.46E-07	8.45E-08	9.76E-08	8.85E-08	4.04E-08	1.84E-08	1.61E-09	3.90E-08	8.60E-09	1.33E-08	2.10E-08	3.71E-09	9.66E-09	9.68E-08
469	489513.71	3861000.05	1.34E-04	1.55E-04	7.07E-05	4.66E-08	1.41E-07	8.14E-08	9.41E-08	8.53E-08	3.89E-08	1.77E-08	1.55E-09	3.76E-08	8.29E-09	1.28E-08	2.03E-08	3.57E-09	9.30E-09	9.33E-08

470	489563.71	3861000.05	1.35E-04	1.56E-04	7.08E-05	4.66E-08	1.41E-07	8.15E-08	9.42E-08	8.54E-08	3.90E-08	1.77E-08	1.56E-09	3.76E-08	8.30E-09	1.28E-08	2.03E-08	3.58E-09	9.31E-09	9.34E-08
471	489613.71	3861000.05	1.35E-04	1.56E-04	7.10E-05	4.67E-08	1.41E-07	8.17E-08	9.45E-08	8.56E-08	3.91E-08	1.78E-08	1.56E-09	3.77E-08	8.32E-09	1.28E-08	2.03E-08	3.59E-09	9.34E-09	9.37E-08
472	489663.71	3861000.05	1.35E-04	1.56E-04	7.11E-05	4.68E-08	1.41E-07	8.19E-08	9.46E-08	8.58E-08	3.91E-08	1.78E-08	1.56E-09	3.78E-08	8.34E-09	1.28E-08	2.04E-08	3.59E-09	9.36E-09	9.39E-08
473	489713.71	3861000.05	1.35E-04	1.56E-04	7.12E-05	4.69E-08	1.42E-07	8.20E-08	9.48E-08	8.59E-08	3.92E-08	1.78E-08	1.57E-09	3.78E-08	8.35E-09	1.29E-08	2.04E-08	3.60E-09	9.37E-09	9.40E-08
474	489763.71	3861000.05	1.36E-04	1.57E-04	7.14E-05	4.70E-08	1.42E-07	8.21E-08	9.49E-08	8.60E-08	3.93E-08	1.79E-08	1.57E-09	3.79E-08	8.36E-09	1.29E-08	2.04E-08	3.60E-09	9.38E-09	9.41E-08
475	489813.71	3861000.05	1.36E-04	1.57E-04	7.16E-05	4.71E-08	1.42E-07	8.24E-08	9.52E-08	8.63E-08	3.94E-08	1.79E-08	1.57E-09	3.80E-08	8.39E-09	1.29E-08	2.05E-08	3.62E-09	9.42E-09	9.45E-08
476	489863.71	3861000.05	1.36E-04	1.57E-04	7.16E-05	4.71E-08	1.42E-07	8.24E-08	9.52E-08	8.63E-08	3.94E-08	1.79E-08	1.57E-09	3.80E-08	8.39E-09	1.29E-08	2.05E-08	3.62E-09	9.42E-09	9.45E-08
477	489913.71	3861000.05	1.36E-04	1.58E-04	7.18E-05	4.72E-08	1.43E-07	8.26E-08	9.55E-08	8.65E-08	3.95E-08	1.80E-08	1.58E-09	3.81E-08	8.41E-09	1.30E-08	2.06E-08	3.62E-09	9.44E-09	9.47E-08
478	489963.71	3861000.05	1.36E-04	1.58E-04	7.18E-05	4.72E-08	1.43E-07	8.26E-08	9.54E-08	8.65E-08	3.95E-08	1.80E-08	1.58E-09	3.81E-08	8.41E-09	1.30E-08	2.06E-08	3.62E-09	9.44E-09	9.47E-08
479	490013.71	3861000.05	1.36E-04	1.58E-04	7.19E-05	4.73E-08	1.43E-07	8.27E-08	9.56E-08	8.66E-08	3.95E-08	1.80E-08	1.58E-09	3.82E-08	8.42E-09	1.30E-08	2.06E-08	3.63E-09	9.45E-09	9.48E-08
480	490063.71	3861000.05	1.37E-04	1.58E-04	7.20E-05	4.73E-08	1.43E-07	8.28E-08	9.57E-08	8.67E-08	3.96E-08	1.80E-08	1.58E-09	3.82E-08	8.43E-09	1.30E-08	2.06E-08	3.63E-09	9.46E-09	9.49E-08
481	489513.71	3861050.05	1.32E-04	1.53E-04	6.94E-05	4.57E-08	1.38E-07	7.99E-08	9.24E-08	8.38E-08	3.82E-08	1.74E-08	1.53E-09	3.69E-08	8.14E-09	1.25E-08	1.99E-08	3.51E-09	9.13E-09	9.16E-08
482	489563.71	3861050.05	1.32E-04	1.53E-04	6.95E-05	4.58E-08	1.38E-07	8.00E-08	9.25E-08	8.38E-08	3.83E-08	1.74E-08	1.53E-09	3.69E-08	8.15E-09	1.26E-08	1.99E-08	3.51E-09	9.13E-09	9.17E-08
483	489613.71	3861050.05	1.33E-04	1.53E-04	6.97E-05	4.59E-08	1.39E-07	8.03E-08	9.28E-08	8.41E-08	3.84E-08	1.75E-08	1.53E-09	3.70E-08	8.17E-09	1.26E-08	2.00E-08	3.52E-09	9.17E-09	9.20E-08
484	489663.71	3861050.05	1.33E-04	1.53E-04	6.97E-05	4.59E-08	1.39E-07	8.03E-08	9.28E-08	8.42E-08	3.84E-08	1.75E-08	1.53E-09	3.71E-08	8.18E-09	1.26E-08	2.00E-08	3.52E-09	9.17E-09	9.21E-08
485	489713.71	3861050.05	1.33E-04	1.53E-04	6.98E-05	4.60E-08	1.39E-07	8.04E-08	9.29E-08	8.42E-08	3.84E-08	1.75E-08	1.54E-09	3.71E-08	8.18E-09	1.26E-08	2.00E-08	3.53E-09	9.18E-09	9.21E-08
486	489763.71	3861050.05	1.33E-04	1.54E-04	7.00E-05	4.61E-08	1.39E-07	8.05E-08	9.31E-08	8.44E-08	3.85E-08	1.75E-08	1.54E-09	3.72E-08	8.20E-09	1.26E-08	2.01E-08	3.53E-09	9.20E-09	9.23E-08
487	489813.71	3861050.05	1.33E-04	1.54E-04	7.02E-05	4.62E-08	1.39E-07	8.08E-08	9.34E-08	8.46E-08	3.86E-08	1.76E-08	1.54E-09	3.73E-08	8.22E-09	1.27E-08	2.01E-08	3.54E-09	9.23E-09	9.26E-08
488	489863.71	3861050.05	1.33E-04	1.54E-04	7.02E-05	4.63E-08	1.40E-07	8.09E-08	9.35E-08	8.47E-08	3.87E-08	1.76E-08	1.54E-09	3.73E-08	8.23E-09	1.27E-08	2.01E-08	3.55E-09	9.24E-09	9.27E-08
489	489913.71	3861050.05	1.34E-04	1.54E-04	7.03E-05	4.63E-08	1.40E-07	8.10E-08	9.36E-08	8.48E-08	3.87E-08	1.76E-08	1.55E-09	3.74E-08	8.24E-09	1.27E-08	2.02E-08	3.55E-09	9.25E-09	9.28E-08
490	489963.71	3861050.05	1.34E-04	1.55E-04	7.04E-05	4.64E-08	1.40E-07	8.10E-08	9.37E-08	8.49E-08	3.87E-08	1.76E-08	1.55E-09	3.74E-08	8.25E-09	1.27E-08	2.02E-08	3.56E-09	9.26E-09	9.29E-08
491	490013.71	3861050.05	1.34E-04	1.55E-04	7.06E-05	4.65E-08	1.40E-07	8.12E-08	9.39E-08	8.51E-08	3.88E-08	1.77E-08	1.55E-09	3.75E-08	8.27E-09	1.27E-08	2.02E-08	3.56E-09	9.28E-09	9.31E-08
492	490063.71	3861050.05	1.34E-04	1.55E-04	7.06E-05	4.65E-08	1.40E-07	8.12E-08	9.39E-08	8.51E-08	3.88E-08	1.77E-08	1.55E-09	3.75E-08	8.27E-09	1.28E-08	2.02E-08	3.57E-09	9.29E-09	9.31E-08
493	489513.71	3861100.05	1.30E-04	1.50E-04	6.83E-05	4.50E-08	1.36E-07	7.87E-08	9.09E-08	8.24E-08	3.76E-08	1.71E-08	1.50E-09	3.63E-08	8.01E-09	1.23E-08	1.96E-08	3.45E-09	8.98E-09	9.02E-08
494	489563.71	3861100.05	1.30E-04	1.50E-04	6.82E-05	4.49E-08	1.36E-07	7.85E-08	9.08E-08	8.23E-08	3.76E-08	1.71E-08	1.50E-09	3.62E-08	8.00E-09	1.23E-08	1.96E-08	3.45E-09	8.96E-09	9.00E-08
495	489613.71	3861100.05	1.29E-04	1.50E-04	6.81E-05	4.49E-08	1.35E-07	7.84E-08	9.07E-08	8.22E-08	3.75E-08	1.71E-08	1.50E-09	3.62E-08	7.99E-09	1.23E-08	1.95E-08	3.44E-09	8.95E-09	8.99E-08
496	489663.71	3861100.05	1.30E-04	1.50E-04	6.82E-05	4.50E-08	1.36E-07	7.86E-08	9.09E-08	8.24E-08	3.76E-08	1.71E-08	1.50E-09	3.63E-08	8.00E-09	1.23E-08	1.96E-08	3.45E-09	8.97E-09	9.01E-08
497	489713.71	3861100.05	1.30E-04	1.50E-04	6.84E-05	4.51E-08	1.36E-07	7.88E-08	9.11E-08	8.26E-08	3.77E-08	1.71E-08	1.50E-09	3.63E-08	8.02E-09	1.24E-08	1.96E-08	3.46E-09	8.99E-09	9.03E-08
498	489763.71	3861100.05	1.30E-04	1.51E-04	6.85E-05	4.52E-08	1.36E-07	7.89E-08	9.13E-08	8.27E-08	3.78E-08	1.72E-08	1.51E-09	3.64E-08	8.04E-09	1.24E-08	1.97E-08	3.46E-09	9.01E-09	9.05E-08
499	489813.71	3861100.05	1.31E-04	1.51E-04	6.87E-05	4.53E-08	1.37E-07	7.92E-08	9.15E-08	8.30E-08	3.79E-08	1.72E-08	1.51E-09	3.65E-08	8.06E-09	1.24E-08	1.97E-08	3.47E-09	9.04E-09	9.07E-08
500	489863.71	3861100.05	1.31E-04	1.52E-04	6.90E-05	4.54E-08	1.37E-07	7.94E-08	9.18E-08	8.32E-08	3.80E-08	1.73E-08	1.52E-09	3.66E-08	8.09E-09	1.25E-08	1.98E-08	3.49E-09	9.07E-09	9.10E-08
501	489913.71	3861100.05	1.31E-04	1.52E-04	6.90E-05	4.54E-08	1.37E-07	7.94E-08	9.18E-08	8.32E-08	3.80E-08	1.73E-08	1.52E-09	3.66E-08	8.09E-09	1.25E-08	1.98E-08	3.49E-09	9.07E-09	9.11E-08
502	489963.71	3861100.05	1.31E-04	1.52E-04	6.91E-05	4.55E-08	1.37E-07	7.95E-08	9.20E-08	8.34E-08	3.80E-08	1.73E-08	1.52E-09	3.67E-08	8.10E-09	1.25E-08	1.98E-08	3.49E-09	9.08E-09	9.12E-08
503	490013.71	3861100.05	1.31E-04	1.52E-04	6.91E-05	4.55E-08	1.37E-07	7.95E-08	9.20E-08	8.34E-08	3.80E-08	1.73E-08	1.52E-09	3.67E-08	8.10E-09	1.25E-08	1.98E-08	3.49E-09	9.09E-09	9.12E-08
504	490063.71	3861100.05	1.31E-04	1.52E-04	6.92E-05	4.56E-08	1.38E-07	7.96E-08	9.21E-08	8.34E-08	3.81E-08	1.73E-08	1.52E-09	3.67E-08	8.11E-09	1.25E-08	1.98E-08	3.49E-09	9.10E-09	9.13E-08
505	489713.71	3861150.05	1.28E-04	1.47E-04	6.70E-05	4.42E-08	1.33E-07	7.72E-08	8.93E-08	8.10E-08	3.69E-08	1.68E-08	1.48E-09	3.56E-08	7.87E-09	1.21E-08	1.92E-08	3.39E-09	8.81E-09	8.86E-08
506	489763.71	3861150.05	1.28E-04	1.48E-04	6.72E-05	4.43E-08	1.34E-07	7.74E-08	8.95E-08	8.12E-08	3.70E-08	1.68E-08	1.48E-09	3.57E-08	7.88E-09	1.22E-08	1.93E-08	3.40E-09	8.84E-09	8.88E-08
507	489813.71	3861150.05	1.28E-04	1.48E-04	6.74E-05	4.44E-08	1.34E-07	7.76E-08	8.98E-08	8.14E-08	3.71E-08	1.69E-08	1.48E-09	3.58E-08	7.91E-09	1.22E-08	1.93E-08	3.41E-09	8.86E-09	8.90E-08
508	489863.71	3861150.05	1.28E-04	1.48E-04	6.75E-05	4.45E-08	1.34E-07	7.78E-08	8.99E-08	8.15E-08	3.72E-08	1.69E-08	1.49E-09	3.59E-08	7.92E-09	1.22E-08	1.94E-08	3.41E-09	8.88E-09	8.92E-08
509	489913.71	3861150.05	1.29E-04	1.49E-04	6.76E-05	4.46E-08	1.35E-07	7.79E-08	9.01E-08	8.16E-08	3.73E-08	1.69E-08	1.49E-09	3.59E-08	7.93E-09	1.22E-08	1.94E-08	3.42E-09	8.89E-09	8.93E-08
510	489963.71	3861150.05	1.29E-04	1.49E-04	6.77E-05	4.46E-08	1.35E-07	7.80E-08	9.01E-08	8.17E-08	3.73E-08	1.70E-08	1.49E-09	3.60E-08	7.94E-09	1.22E-08	1.94E-08	3.42E-09	8.90E-09	8.94E-08
511	490013.71	3861150.05	1.29E-04	1.49E-04	6.77E-05	4.46E-08	1.35E-07	7.80E-08	9.02E-08	8.18E-08	3.73E-08	1.70E-08	1.49E-09	3.60E-08	7.94E-09	1.22E-08	1.94E-08	3.42E-09	8.91E-09	8.94E-08
512	490063.71	3861150.05	1.29E-04	1.49E-04	6.79E-05	4.47E-08	1.35E-07	7.81E-08	9.03E-08	8.19E-08	3.74E-08	1.70E-08	1.49E-09	3.61E-08	7.96E-09	1.23E-08	1.95E-08	3.43E-09	8.92E-09	8.96E-08
513	489613.71	3861200.05	1.25E-04	1.44E-04	6.54E-05	4.31E-08	1.30E-07	7.54E-08	8.72E-08	7.91E-08	3.61E-08	1.64E-08	1.44E-09	3.48E-08	7.68E-09	1.18E-08	1.88E-08	3.31E-09	8.60E-09	8.65E-08
514	489663.71	3861200.05	1.25E-04	1.44E-04	6.56E-05	4.32E-08	1.31E-07	7.56E-08	8.74E-08	7.92E-08	3.62E-08	1.64E-08	1.44E-09	3.49E-08	7.70E-09	1.19E-08	1.88E-08	3.32E-09	8.62E-09	8.66E-08
515	489713.71	3861200.05	1.25E-04	1.45E-04	6.57E-05	4.33E-08	1.31E-07	7.58E-08	8.76E-08	7.94E-08	3.62E-08	1.65E-08	1.45E-09	3.50E-08	7.72E-09	1.19E-08	1.89E-08	3.33E-09	8.64E-09	8.69E-08
516	489763.71	3861200.05	1.25E-04	1.45E-04	6.59E-05	4.35E-08	1.31E-07	7.60E-08	8.78E-08	7.96E-08	3.63E-08	1.65E-08	1.45E-09	3.51E-08	7.73E-09	1.19E-08	1.89E-08	3.33E-09	8.66E-09	8.71E-08
517	489813.71	3861200.05	1.26E-04	1.45E-04	6.61E-05	4.36E-08	1.32E-07	7.61E-08	8.81E-08	7.98E-08	3.64E-08	1.66E-08	1.45E-09	3.51E-08	7.75E-09	1.20E-08	1.90E-08	3.34E-09	8.69E-09	8.73E-08
518	489863.71	3861200.05	1.26E-04	1.46E-04	6.63E-05	4.37E-08	1.32E-07	7.64E-08	8.83E-08	8.01E-08	3.65E-08	1.66E-08	1.46E-09	3.52E-08	7.78E-09	1.20E-08	1.90E-08	3.35E-09	8.71E-09	8.76E-08
519	489913.71	3861200.05	1.26E-04	1.46E-04	6.64E-05	4.38E-08	1.32E-07	7.65E-08	8.85E-08	8.02E-08	3.66E-08	1.66E-08	1.46E-09	3.53E-08	7.79E-09	1.20E-08	1.91E-08	3.36E-09	8.73E-09	8.77E-08
520	489963.71	3861200.05	1.26E-04	1.46E-04	6.64E-05	4.38E-08	1.32E-07	7.65E-08	8.85E-08	8.02E-08	3.66E-08	1.66E-08	1.46E-09	3.53E-08	7.79E-09	1.20E-08	1.91E-08	3.36E-09	8.73E-09	8.77E-08
521	490013.71	3861200.05	1.27E-04	1.46E-04	6.65E-05	4.39E-08	1.32E-07	7.67E-08	8.86E-08	8.03E-08	3.67E-08	1.67E-08	1.46E-09	3.54E-08	7.81E-09	1.20E-08	1.91E-08	3.36E-09	8.75E-09	8.79E-08
522	490063.71	3861200.05	1.27E-04	1.46E-04	6.66E-05	4.39E-08	1.33E-07	7.67E-08	8.87E-08	8.04E-08	3.67E-08	1.67E-08	1.47E-09	3.54E-08	7.81E-09	1.20E-08	1.91E-08	3.37E-09	8.76E-09	8.79E-08

523	489513.71	3861250.05	1.22E-04	1.41E-04	6.39E-05	4.22E-08	1.27E-07	7.37E-08	8.52E-08	7.73E-08	3.53E-08	1.60E-08	1.41E-09	3.40E-08	7.51E-09	1.16E-08	1.84E-08	3.24E-09	8.40E-09	8.45E-08
524	489563.71	3861250.05	1.22E-04	1.41E-04	6.41E-05	4.23E-08	1.28E-07	7.39E-08	8.55E-08	7.75E-08	3.54E-08	1.61E-08	1.41E-09	3.41E-08	7.53E-09	1.16E-08	1.84E-08	3.25E-09	8.43E-09	8.47E-08
525	489613.71	3861250.05	1.22E-04	1.41E-04	6.42E-05	4.24E-08	1.28E-07	7.41E-08	8.57E-08	7.77E-08	3.54E-08	1.61E-08	1.42E-09	3.42E-08	7.54E-09	1.16E-08	1.85E-08	3.25E-09	8.45E-09	8.49E-08
526	489663.71	3861250.05	1.22E-04	1.42E-04	6.43E-05	4.25E-08	1.28E-07	7.42E-08	8.58E-08	7.78E-08	3.55E-08	1.61E-08	1.42E-09	3.42E-08	7.56E-09	1.17E-08	1.85E-08	3.26E-09	8.46E-09	8.51E-08
527	489713.71	3861250.05	1.23E-04	1.42E-04	6.45E-05	4.25E-08	1.28E-07	7.44E-08	8.60E-08	7.80E-08	3.56E-08	1.62E-08	1.42E-09	3.43E-08	7.57E-09	1.17E-08	1.85E-08	3.26E-09	8.48E-09	8.53E-08
528	489763.71	3861250.05	1.23E-04	1.42E-04	6.47E-05	4.27E-08	1.29E-07	7.46E-08	8.62E-08	7.82E-08	3.57E-08	1.62E-08	1.42E-09	3.44E-08	7.59E-09	1.17E-08	1.86E-08	3.27E-09	8.50E-09	8.55E-08
529	489813.71	3861250.05	1.23E-04	1.43E-04	6.48E-05	4.27E-08	1.29E-07	7.47E-08	8.64E-08	7.83E-08	3.57E-08	1.62E-08	1.43E-09	3.45E-08	7.61E-09	1.17E-08	1.86E-08	3.28E-09	8.52E-09	8.57E-08
530	489863.71	3861250.05	1.24E-04	1.43E-04	6.50E-05	4.29E-08	1.29E-07	7.49E-08	8.66E-08	7.85E-08	3.58E-08	1.63E-08	1.43E-09	3.46E-08	7.63E-09	1.18E-08	1.87E-08	3.29E-09	8.54E-09	8.59E-08
531	489913.71	3861250.05	1.24E-04	1.43E-04	6.51E-05	4.30E-08	1.30E-07	7.51E-08	8.68E-08	7.87E-08	3.59E-08	1.63E-08	1.43E-09	3.47E-08	7.65E-09	1.18E-08	1.87E-08	3.30E-09	8.57E-09	8.61E-08
532	489963.71	3861250.05	1.24E-04	1.44E-04	6.53E-05	4.30E-08	1.30E-07	7.52E-08	8.70E-08	7.88E-08	3.60E-08	1.64E-08	1.44E-09	3.47E-08	7.66E-09	1.18E-08	1.87E-08	3.30E-09	8.58E-09	8.62E-08
533	490013.71	3861250.05	1.24E-04	1.44E-04	6.54E-05	4.31E-08	1.30E-07	7.53E-08	8.71E-08	7.90E-08	3.60E-08	1.64E-08	1.44E-09	3.48E-08	7.67E-09	1.18E-08	1.88E-08	3.31E-09	8.59E-09	8.64E-08
534	490063.71	3861250.05	1.24E-04	1.44E-04	6.54E-05	4.31E-08	1.30E-07	7.53E-08	8.71E-08	7.90E-08	3.60E-08	1.64E-08	1.44E-09	3.48E-08	7.67E-09	1.18E-08	1.88E-08	3.31E-09	8.60E-09	8.64E-08
535	489528.13	3861308.47	1.19E-04	1.38E-04	6.26E-05	4.13E-08	1.25E-07	7.22E-08	8.35E-08	7.57E-08	3.45E-08	1.57E-08	1.38E-09	3.33E-08	7.35E-09	1.13E-08	1.80E-08	3.17E-09	8.23E-09	8.28E-08
536	489578.13	3861308.47	1.19E-04	1.38E-04	6.27E-05	4.14E-08	1.25E-07	7.24E-08	8.37E-08	7.59E-08	3.46E-08	1.57E-08	1.38E-09	3.34E-08	7.37E-09	1.14E-08	1.80E-08	3.18E-09	8.25E-09	8.30E-08
537	489628.13	3861308.47	1.20E-04	1.38E-04	6.28E-05	4.15E-08	1.25E-07	7.25E-08	8.39E-08	7.60E-08	3.47E-08	1.57E-08	1.39E-09	3.35E-08	7.38E-09	1.14E-08	1.81E-08	3.18E-09	8.26E-09	8.31E-08
538	489678.13	3861308.47	1.20E-04	1.39E-04	6.30E-05	4.16E-08	1.26E-07	7.27E-08	8.40E-08	7.62E-08	3.48E-08	1.58E-08	1.39E-09	3.35E-08	7.40E-09	1.14E-08	1.81E-08	3.19E-09	8.28E-09	8.33E-08
539	489728.13	3861308.47	1.20E-04	1.39E-04	6.31E-05	4.17E-08	1.26E-07	7.28E-08	8.42E-08	7.64E-08	3.48E-08	1.58E-08	1.39E-09	3.36E-08	7.42E-09	1.14E-08	1.81E-08	3.20E-09	8.30E-09	8.35E-08
540	489778.13	3861308.47	1.20E-04	1.39E-04	6.33E-05	4.17E-08	1.26E-07	7.30E-08	8.44E-08	7.65E-08	3.49E-08	1.59E-08	1.39E-09	3.37E-08	7.43E-09	1.15E-08	1.82E-08	3.20E-09	8.32E-09	8.37E-08
541	489678.13	3861358.47	1.18E-04	1.36E-04	6.18E-05	4.08E-08	1.23E-07	7.13E-08	8.25E-08	7.48E-08	3.41E-08	1.55E-08	1.36E-09	3.29E-08	7.26E-09	1.12E-08	1.78E-08	3.13E-09	8.13E-09	8.18E-08
542	489728.13	3861358.47	1.18E-04	1.36E-04	6.20E-05	4.09E-08	1.23E-07	7.15E-08	8.27E-08	7.49E-08	3.42E-08	1.55E-08	1.37E-09	3.30E-08	7.28E-09	1.12E-08	1.78E-08	3.14E-09	8.15E-09	8.19E-08
543	489528.13	3861408.47	1.15E-04	1.33E-04	6.03E-05	3.98E-08	1.20E-07	6.96E-08	8.05E-08	7.30E-08	3.33E-08	1.51E-08	1.33E-09	3.21E-08	7.09E-09	1.09E-08	1.73E-08	3.06E-09	7.93E-09	7.98E-08
544	489578.13	3861408.47	1.15E-04	1.33E-04	6.05E-05	3.99E-08	1.21E-07	6.98E-08	8.07E-08	7.32E-08	3.34E-08	1.51E-08	1.33E-09	3.22E-08	7.11E-09	1.10E-08	1.74E-08	3.06E-09	7.95E-09	8.00E-08
545	489628.13	3861408.47	1.16E-04	1.34E-04	6.07E-05	4.01E-08	1.21E-07	7.00E-08	8.10E-08	7.34E-08	3.35E-08	1.52E-08	1.34E-09	3.23E-08	7.13E-09	1.10E-08	1.74E-08	3.07E-09	7.98E-09	8.03E-08
546	489678.13	3861408.47	1.16E-04	1.34E-04	6.07E-05	4.01E-08	1.21E-07	7.01E-08	8.11E-08	7.35E-08	3.35E-08	1.52E-08	1.34E-09	3.24E-08	7.14E-09	1.10E-08	1.75E-08	3.08E-09	7.99E-09	8.04E-08
547	489728.13	3861408.47	1.16E-04	1.34E-04	6.08E-05	4.02E-08	1.21E-07	7.02E-08	8.12E-08	7.36E-08	3.36E-08	1.52E-08	1.34E-09	3.24E-08	7.15E-09	1.10E-08	1.75E-08	3.08E-09	8.00E-09	8.05E-08
548	489528.13	3861458.47	1.13E-04	1.31E-04	5.93E-05	3.92E-08	1.18E-07	6.85E-08	7.92E-08	7.18E-08	3.28E-08	1.49E-08	1.31E-09	3.16E-08	6.98E-09	1.08E-08	1.71E-08	3.01E-09	7.80E-09	7.85E-08
549	489578.13	3861458.47	1.13E-04	1.31E-04	5.95E-05	3.93E-08	1.19E-07	6.86E-08	7.94E-08	7.20E-08	3.28E-08	1.49E-08	1.31E-09	3.17E-08	6.99E-09	1.08E-08	1.71E-08	3.01E-09	7.82E-09	7.87E-08
550	489628.13	3861458.47	1.14E-04	1.31E-04	5.96E-05	3.93E-08	1.19E-07	6.88E-08	7.95E-08	7.21E-08	3.29E-08	1.49E-08	1.31E-09	3.17E-08	7.00E-09	1.08E-08	1.71E-08	3.02E-09	7.83E-09	7.88E-08
551	489678.13	3861458.47	1.14E-04	1.31E-04	5.96E-05	3.94E-08	1.19E-07	6.89E-08	7.96E-08	7.22E-08	3.29E-08	1.49E-08	1.32E-09	3.18E-08	7.01E-09	1.08E-08	1.72E-08	3.02E-09	7.84E-09	7.89E-08
552	489728.13	3861458.47	1.14E-04	1.31E-04	5.97E-05	3.94E-08	1.19E-07	6.89E-08	7.96E-08	7.22E-08	3.29E-08	1.49E-08	1.32E-09	3.18E-08	7.01E-09	1.08E-08	1.72E-08	3.02E-09	7.85E-09	7.89E-08
553	489528.13	3861508.47	1.11E-04	1.29E-04	5.83E-05	3.85E-08	1.16E-07	6.74E-08	7.79E-08	7.06E-08	3.22E-08	1.46E-08	1.29E-09	3.11E-08	6.86E-09	1.06E-08	1.68E-08	2.96E-09	7.67E-09	7.72E-08
554	489578.13	3861508.47	1.11E-04	1.29E-04	5.84E-05	3.86E-08	1.17E-07	6.75E-08	7.80E-08	7.07E-08	3.23E-08	1.46E-08	1.29E-09	3.11E-08	6.87E-09	1.06E-08	1.68E-08	2.96E-09	7.68E-09	7.73E-08
555	489628.13	3861508.47	1.11E-04	1.29E-04	5.85E-05	3.86E-08	1.17E-07	6.75E-08	7.81E-08	7.08E-08	3.23E-08	1.47E-08	1.29E-09	3.12E-08	6.88E-09	1.06E-08	1.68E-08	2.97E-09	7.69E-09	7.74E-08
556	489678.13	3861508.47	1.12E-04	1.29E-04	5.86E-05	3.87E-08	1.17E-07	6.76E-08	7.82E-08	7.09E-08	3.23E-08	1.47E-08	1.29E-09	3.12E-08	6.88E-09	1.06E-08	1.68E-08	2.97E-09	7.70E-09	7.75E-08
557	489728.13	3861508.47	1.12E-04	1.29E-04	5.86E-05	3.87E-08	1.17E-07	6.77E-08	7.83E-08	7.09E-08	3.24E-08	1.47E-08	1.29E-09	3.12E-08	6.89E-09	1.06E-08	1.69E-08	2.97E-09	7.71E-09	7.76E-08
558	489628.13	3861558.47	1.10E-04	1.27E-04	5.76E-05	3.80E-08	1.15E-07	6.65E-08	7.69E-08	6.97E-08	3.18E-08	1.44E-08	1.27E-09	3.07E-08	6.77E-09	1.04E-08	1.66E-08	2.92E-09	7.57E-09	7.62E-08
559	489678.13	3861558.47	1.10E-04	1.27E-04	5.77E-05	3.81E-08	1.15E-07	6.66E-08	7.70E-08	6.98E-08	3.19E-08	1.45E-08	1.27E-09	3.07E-08	6.78E-09	1.05E-08	1.66E-08	2.92E-09	7.58E-09	7.64E-08
560	489728.13	3861558.47	1.10E-04	1.27E-04	5.77E-05	3.81E-08	1.15E-07	6.67E-08	7.71E-08	6.99E-08	3.19E-08	1.45E-08	1.27E-09	3.08E-08	6.79E-09	1.05E-08	1.66E-08	2.93E-09	7.59E-09	7.64E-08
561	489357.08	3861015.81	1.33E-04	1.54E-04	7.00E-05	4.61E-08	1.39E-07	8.06E-08	9.32E-08	8.44E-08	3.85E-08	1.75E-08	1.54E-09	3.72E-08	8.20E-09	1.26E-08	2.01E-08	3.54E-09	9.20E-09	9.24E-08
562	489407.08	3861015.81	1.33E-04	1.54E-04	7.00E-05	4.61E-08	1.39E-07	8.06E-08	9.32E-08	8.44E-08	3.85E-08	1.75E-08	1.54E-09	3.72E-08	8.21E-09	1.26E-08	2.01E-08	3.54E-09	9.20E-09	9.24E-08
563	489457.08	3861015.81	1.33E-04	1.54E-04	7.01E-05	4.62E-08	1.39E-07	8.07E-08	9.33E-08	8.45E-08	3.86E-08	1.76E-08	1.54E-09	3.72E-08	8.21E-09	1.27E-08	2.01E-08	3.54E-09	9.21E-09	9.25E-08
564	489357.08	3861065.81	1.31E-04	1.51E-04	6.87E-05	4.53E-08	1.37E-07	7.91E-08	9.15E-08	8.29E-08	3.78E-08	1.72E-08	1.51E-09	3.65E-08	8.05E-09	1.24E-08	1.97E-08	3.47E-09	9.03E-09	9.07E-08
565	489407.08	3861065.81	1.31E-04	1.51E-04	6.87E-05	4.52E-08	1.37E-07	7.91E-08	9.14E-08	8.29E-08	3.78E-08	1.72E-08	1.51E-09	3.65E-08	8.05E-09	1.24E-08	1.97E-08	3.47E-09	9.03E-09	9.07E-08
566	489457.08	3861065.81	1.31E-04	1.51E-04	6.87E-05	4.53E-08	1.37E-07	7.92E-08	9.15E-08	8.30E-08	3.79E-08	1.72E-08	1.51E-09	3.65E-08	8.06E-09	1.24E-08	1.97E-08	3.48E-09	9.04E-09	9.08E-08
567	489357.08	3861115.81	1.28E-04	1.48E-04	6.73E-05	4.44E-08	1.34E-07	7.76E-08	8.97E-08	8.14E-08	3.71E-08	1.69E-08	1.48E-09	3.58E-08	7.90E-09	1.22E-08	1.93E-08	3.41E-09	8.85E-09	8.90E-08
568	489407.08	3861115.81	1.28E-04	1.48E-04	6.74E-05	4.45E-08	1.34E-07	7.77E-08	8.99E-08	8.15E-08	3.72E-08	1.69E-08	1.48E-09	3.59E-08	7.92E-09	1.22E-08	1.94E-08	3.41E-09	8.87E-09	8.91E-08
569	489457.08	3861115.81	1.29E-04	1.49E-04	6.76E-05	4.45E-08	1.34E-07	7.78E-08	9.00E-08	8.16E-08	3.72E-08	1.69E-08	1.49E-09	3.59E-08	7.93E-09	1.22E-08	1.94E-08	3.42E-09	8.88E-09	8.92E-08
570	489407.08	3861165.81	1.26E-04	1.46E-04	6.63E-05	4.37E-08	1.32E-07	7.64E-08	8.84E-08	8.01E-08	3.65E-08	1.66E-08	1.46E-09	3.53E-08	7.78E-09	1.20E-08	1.90E-08	3.35E-09	8.71E-09	8.76E-08
571	489457.08	3861165.81	1.26E-04	1.46E-04	6.63E-05	4.37E-08	1.32E-07	7.64E-08	8.84E-08	8.01E-08	3.66E-08	1.66E-08	1.46E-09	3.53E-08	7.78E-09	1.20E-08	1.90E-08	3.35E-09	8.72E-09	8.76E-08
572	489407.08	3861215.81	1.23E-04	1.43E-04	6.48E-05	4.27E-08	1.29E-07	7.47E-08	8.64E-08	7.83E-08	3.57E-08	1.62E-08	1.43E-09	3.45E-08	7.61E-09	1.17E-08	1.86E-08	3.28E-09	8.51E-09	8.56E-08
573	489457.08	3861215.81	1.23E-04	1.43E-04	6.48E-05	4.28E-08	1.29E-07	7.48E-08	8.65E-08	7.84E-08	3.58E-08	1.62E-08	1.43E-09	3.45E-08	7.61E-09	1.17E-08	1.86E-08	3.28E-09	8.52E-09	8.57E-08
574	489407.08	3861265.81	1.21E-04	1.39E-04	6.33E-05	4.18E-08	1.26E-07	7.30E-08	8.44E-08	7.66E-08	3.49E-08	1.59E-08	1.39E-09	3.37E-08	7.44E-09	1.15E-08	1.82E-08	3.21E-09	8.32E-09	8.37E-08
575	489457.08	3861265.81	1.21E-04	1.40E-04	6.34E-05	4.19E-08	1.26E-07	7.32E-08	8.46E-08	7.67E-08	3.50E-08	1.59E-08	1.40E-09	3.38E-08	7.45E-09	1.15E-08	1.82E-08	3.21E-09	8.34E-09	8.39E-08

576	489309.86	3861110.14	1.28E-04	1.48E-04	6.73E-05	4.44E-08	1.34E-07	7.76E-08	8.97E-08	8.14E-08	3.71E-08	1.69E-08	1.48E-09	3.58E-08	7.90E-09	1.22E-08	1.93E-08	3.41E-09	8.85E-09	8.90E-08
577	489407.08	3861315.81	1.18E-04	1.37E-04	6.21E-05	4.10E-08	1.24E-07	7.17E-08	8.29E-08	7.52E-08	3.43E-08	1.56E-08	1.37E-09	3.31E-08	7.30E-09	1.13E-08	1.79E-08	3.15E-09	8.17E-09	8.22E-08
578	489457.08	3861315.81	1.19E-04	1.37E-04	6.23E-05	4.11E-08	1.24E-07	7.19E-08	8.31E-08	7.54E-08	3.44E-08	1.56E-08	1.37E-09	3.32E-08	7.32E-09	1.13E-08	1.79E-08	3.16E-09	8.19E-09	8.24E-08
579	488906.03	3861006.75	1.32E-04	1.52E-04	6.93E-05	4.57E-08	1.38E-07	7.98E-08	9.23E-08	8.37E-08	3.82E-08	1.74E-08	1.53E-09	3.68E-08	8.13E-09	1.25E-08	1.99E-08	3.50E-09	9.12E-09	9.15E-08
580	488956.03	3861006.75	1.33E-04	1.53E-04	6.98E-05	4.60E-08	1.39E-07	8.03E-08	9.29E-08	8.42E-08	3.84E-08	1.75E-08	1.54E-09	3.71E-08	8.18E-09	1.26E-08	2.00E-08	3.53E-09	9.17E-09	9.21E-08
581	488904.24	3861051.87	1.31E-04	1.52E-04	6.90E-05	4.55E-08	1.37E-07	7.95E-08	9.19E-08	8.33E-08	3.80E-08	1.73E-08	1.52E-09	3.67E-08	8.10E-09	1.25E-08	1.98E-08	3.49E-09	9.08E-09	9.12E-08
582	488954.24	3861051.87	1.31E-04	1.51E-04	6.88E-05	4.54E-08	1.37E-07	7.93E-08	9.17E-08	8.31E-08	3.79E-08	1.72E-08	1.51E-09	3.66E-08	8.07E-09	1.24E-08	1.97E-08	3.48E-09	9.05E-09	9.09E-08
583	489004.24	3861051.87	1.32E-04	1.53E-04	6.93E-05	4.57E-08	1.38E-07	7.99E-08	9.24E-08	8.37E-08	3.82E-08	1.74E-08	1.53E-09	3.69E-08	8.14E-09	1.25E-08	1.99E-08	3.51E-09	9.12E-09	9.16E-08
584	488804.24	3861101.87	1.27E-04	1.47E-04	6.66E-05	4.39E-08	1.33E-07	7.68E-08	8.88E-08	8.05E-08	3.67E-08	1.67E-08	1.47E-09	3.54E-08	7.82E-09	1.21E-08	1.91E-08	3.37E-09	8.76E-09	8.80E-08
585	488854.24	3861101.87	1.28E-04	1.48E-04	6.71E-05	4.42E-08	1.33E-07	7.73E-08	8.94E-08	8.10E-08	3.70E-08	1.68E-08	1.48E-09	3.57E-08	7.87E-09	1.21E-08	1.92E-08	3.39E-09	8.82E-09	8.86E-08
586	488904.24	3861101.87	1.27E-04	1.46E-04	6.65E-05	4.39E-08	1.32E-07	7.67E-08	8.87E-08	8.04E-08	3.67E-08	1.67E-08	1.47E-09	3.54E-08	7.81E-09	1.20E-08	1.91E-08	3.37E-09	8.75E-09	8.79E-08
587	488954.24	3861101.87	1.27E-04	1.46E-04	6.65E-05	4.39E-08	1.33E-07	7.67E-08	8.87E-08	8.04E-08	3.67E-08	1.67E-08	1.47E-09	3.54E-08	7.81E-09	1.20E-08	1.91E-08	3.37E-09	8.75E-09	8.79E-08
588	489004.24	3861101.87	1.27E-04	1.47E-04	6.68E-05	4.40E-08	1.33E-07	7.70E-08	8.90E-08	8.07E-08	3.68E-08	1.67E-08	1.47E-09	3.55E-08	7.84E-09	1.21E-08	1.92E-08	3.38E-09	8.78E-09	8.82E-08
589	488804.24	3861151.87	1.22E-04	1.42E-04	6.44E-05	4.24E-08	1.28E-07	7.42E-08	8.58E-08	7.78E-08	3.55E-08	1.61E-08	1.42E-09	3.42E-08	7.55E-09	1.16E-08	1.85E-08	3.26E-09	8.46E-09	8.50E-08
590	488854.24	3861151.87	1.23E-04	1.42E-04	6.45E-05	4.25E-08	1.28E-07	7.43E-08	8.59E-08	7.79E-08	3.55E-08	1.61E-08	1.42E-09	3.43E-08	7.57E-09	1.17E-08	1.85E-08	3.26E-09	8.48E-09	8.52E-08
591	489129.49	3861187.55	1.23E-04	1.42E-04	6.46E-05	4.26E-08	1.29E-07	7.45E-08	8.62E-08	7.81E-08	3.56E-08	1.62E-08	1.42E-09	3.44E-08	7.59E-09	1.17E-08	1.86E-08	3.27E-09	8.49E-09	8.54E-08
592	489179.49	3861187.55	1.23E-04	1.43E-04	6.47E-05	4.27E-08	1.29E-07	7.47E-08	8.63E-08	7.83E-08	3.57E-08	1.62E-08	1.43E-09	3.45E-08	7.60E-09	1.17E-08	1.86E-08	3.28E-09	8.51E-09	8.56E-08
593	488804.24	3861201.87	1.20E-04	1.39E-04	6.31E-05	4.16E-08	1.26E-07	7.28E-08	8.41E-08	7.63E-08	3.48E-08	1.58E-08	1.39E-09	3.36E-08	7.41E-09	1.14E-08	1.81E-08	3.19E-09	8.30E-09	8.34E-08
594	488854.24	3861201.87	1.20E-04	1.39E-04	6.30E-05	4.16E-08	1.26E-07	7.27E-08	8.41E-08	7.62E-08	3.48E-08	1.58E-08	1.39E-09	3.35E-08	7.40E-09	1.14E-08	1.81E-08	3.19E-09	8.29E-09	8.33E-08
595	489129.49	3861237.55	1.21E-04	1.40E-04	6.35E-05	4.19E-08	1.27E-07	7.33E-08	8.47E-08	7.68E-08	3.50E-08	1.59E-08	1.40E-09	3.38E-08	7.46E-09	1.15E-08	1.82E-08	3.22E-09	8.35E-09	8.40E-08
596	489179.49	3861237.55	1.21E-04	1.40E-04	6.35E-05	4.19E-08	1.27E-07	7.33E-08	8.47E-08	7.68E-08	3.50E-08	1.59E-08	1.40E-09	3.38E-08	7.46E-09	1.15E-08	1.82E-08	3.22E-09	8.35E-09	8.40E-08
597	488804.24	3861251.87	1.18E-04	1.36E-04	6.20E-05	4.09E-08	1.23E-07	7.15E-08	8.27E-08	7.49E-08	3.42E-08	1.55E-08	1.37E-09	3.30E-08	7.28E-09	1.12E-08	1.78E-08	3.14E-09	8.15E-09	8.19E-08
598	488854.24	3861251.87	1.18E-04	1.36E-04	6.19E-05	4.08E-08	1.23E-07	7.13E-08	8.25E-08	7.48E-08	3.41E-08	1.55E-08	1.36E-09	3.29E-08	7.26E-09	1.12E-08	1.78E-08	3.13E-09	8.13E-09	8.18E-08
599	488804.24	3861301.87	1.16E-04	1.34E-04	6.07E-05	4.01E-08	1.21E-07	7.00E-08	8.10E-08	7.34E-08	3.35E-08	1.52E-08	1.34E-09	3.23E-08	7.13E-09	1.10E-08	1.74E-08	3.07E-09	7.98E-09	8.03E-08
600	488854.24	3861301.87	1.16E-04	1.34E-04	6.07E-05	4.01E-08	1.21E-07	7.00E-08	8.10E-08	7.34E-08	3.35E-08	1.52E-08	1.34E-09	3.23E-08	7.13E-09	1.10E-08	1.74E-08	3.07E-09	7.98E-09	8.03E-08
601	490943.5	3860181.97	1.87E-04	2.15E-04	9.90E-05	6.46E-08	1.95E-07	1.13E-07	1.30E-07	1.18E-07	5.40E-08	2.48E-08	2.16E-09	5.21E-08	1.15E-08	1.77E-08	2.81E-08	4.95E-09	1.30E-08	1.30E-07
602	490993.5	3860181.97	1.85E-04	2.14E-04	9.84E-05	6.43E-08	1.94E-07	1.12E-07	1.30E-07	1.18E-07	5.36E-08	2.47E-08	2.15E-09	5.18E-08	1.14E-08	1.76E-08	2.79E-08	4.92E-09	1.29E-08	1.29E-07
603	491043.5	3860181.97	1.84E-04	2.13E-04	9.78E-05	6.39E-08	1.93E-07	1.12E-07	1.29E-07	1.17E-07	5.33E-08	2.45E-08	2.13E-09	5.15E-08	1.14E-08	1.75E-08	2.78E-08	4.90E-09	1.29E-08	1.28E-07
604	491093.5	3860181.97	1.83E-04	2.12E-04	9.72E-05	6.35E-08	1.92E-07	1.11E-07	1.28E-07	1.16E-07	5.30E-08	2.44E-08	2.12E-09	5.12E-08	1.13E-08	1.74E-08	2.76E-08	4.87E-09	1.28E-08	1.27E-07
605	490943.5	3860231.97	1.84E-04	2.12E-04	9.75E-05	6.37E-08	1.92E-07	1.11E-07	1.29E-07	1.17E-07	5.32E-08	2.44E-08	2.13E-09	5.14E-08	1.13E-08	1.75E-08	2.77E-08	4.88E-09	1.28E-08	1.28E-07
606	490993.5	3860231.97	1.83E-04	2.11E-04	9.70E-05	6.34E-08	1.91E-07	1.11E-07	1.28E-07	1.16E-07	5.29E-08	2.43E-08	2.12E-09	5.11E-08	1.13E-08	1.74E-08	2.75E-08	4.86E-09	1.28E-08	1.27E-07
607	491043.5	3860231.97	1.81E-04	2.10E-04	9.62E-05	6.29E-08	1.90E-07	1.10E-07	1.27E-07	1.15E-07	5.25E-08	2.41E-08	2.10E-09	5.07E-08	1.12E-08	1.72E-08	2.73E-08	4.82E-09	1.27E-08	1.26E-07
608	491093.5	3860231.97	1.80E-04	2.08E-04	9.55E-05	6.24E-08	1.89E-07	1.09E-07	1.26E-07	1.14E-07	5.21E-08	2.39E-08	2.09E-09	5.04E-08	1.11E-08	1.71E-08	2.71E-08	4.78E-09	1.26E-08	1.25E-07
609	490943.5	3860281.97	1.81E-04	2.09E-04	9.60E-05	6.28E-08	1.90E-07	1.10E-07	1.27E-07	1.15E-07	5.24E-08	2.41E-08	2.10E-09	5.06E-08	1.12E-08	1.72E-08	2.73E-08	4.81E-09	1.26E-08	1.26E-07
610	490993.5	3860281.97	1.80E-04	2.08E-04	9.55E-05	6.24E-08	1.88E-07	1.09E-07	1.26E-07	1.14E-07	5.21E-08	2.39E-08	2.08E-09	5.03E-08	1.11E-08	1.71E-08	2.71E-08	4.78E-09	1.26E-08	1.25E-07
611	491043.5	3860281.97	1.79E-04	2.06E-04	9.47E-05	6.20E-08	1.87E-07	1.08E-07	1.25E-07	1.13E-07	5.17E-08	2.37E-08	2.07E-09	5.00E-08	1.10E-08	1.70E-08	2.69E-08	4.75E-09	1.25E-08	1.24E-07
612	491093.5	3860281.97	1.77E-04	2.05E-04	9.41E-05	6.15E-08	1.86E-07	1.08E-07	1.24E-07	1.13E-07	5.14E-08	2.36E-08	2.05E-09	4.96E-08	1.09E-08	1.69E-08	2.67E-08	4.71E-09	1.24E-08	1.23E-07
613	490943.5	3860331.97	1.79E-04	2.06E-04	9.46E-05	6.19E-08	1.87E-07	1.08E-07	1.25E-07	1.13E-07	5.17E-08	2.37E-08	2.07E-09	4.99E-08	1.10E-08	1.70E-08	2.69E-08	4.74E-09	1.24E-08	1.24E-07
614	490993.5	3860331.97	1.77E-04	2.05E-04	9.39E-05	6.14E-08	1.85E-07	1.07E-07	1.24E-07	1.12E-07	5.13E-08	2.35E-08	2.05E-09	4.95E-08	1.09E-08	1.68E-08	2.67E-08	4.71E-09	1.23E-08	1.23E-07
615	491043.5	3860331.97	1.76E-04	2.03E-04	9.31E-05	6.09E-08	1.84E-07	1.07E-07	1.23E-07	1.12E-07	5.09E-08	2.33E-08	2.04E-09	4.92E-08	1.08E-08	1.67E-08	2.65E-08	4.67E-09	1.22E-08	1.22E-07
616	491093.5	3860331.97	1.75E-04	2.02E-04	9.25E-05	6.05E-08	1.83E-07	1.06E-07	1.22E-07	1.11E-07	5.05E-08	2.32E-08	2.02E-09	4.88E-08	1.08E-08	1.66E-08	2.63E-08	4.64E-09	1.22E-08	1.21E-07
617	490086.72	3859935.12	2.30E-04	2.65E-04	1.23E-04	7.96E-08	2.40E-07	1.39E-07	1.60E-07	1.45E-07	6.64E-08	3.08E-08	2.66E-09	6.42E-08	1.42E-08	2.18E-08	3.46E-08	6.09E-09	1.62E-08	1.60E-07
618	490136.72	3859935.12	2.28E-04	2.63E-04	1.22E-04	7.91E-08	2.39E-07	1.38E-07	1.60E-07	1.45E-07	6.60E-08	3.06E-08	2.64E-09	6.38E-08	1.41E-08	2.17E-08	3.44E-08	6.05E-09	1.61E-08	1.59E-07
619	490186.72	3859935.12	2.27E-04	2.62E-04	1.21E-04	7.86E-08	2.37E-07	1.37E-07	1.58E-07	1.44E-07	6.55E-08	3.04E-08	2.62E-09	6.34E-08	1.40E-08	2.15E-08	3.41E-08	6.01E-09	1.59E-08	1.58E-07
620	490236.72	3859935.12	2.25E-04	2.60E-04	1.20E-04	7.80E-08	2.35E-07	1.36E-07	1.57E-07	1.43E-07	6.50E-08	3.01E-08	2.60E-09	6.29E-08	1.39E-08	2.13E-08	3.39E-08	5.97E-09	1.58E-08	1.56E-07
621	490286.72	3859935.12	2.23E-04	2.57E-04	1.19E-04	7.73E-08	2.33E-07	1.35E-07	1.56E-07	1.41E-07	6.45E-08	2.99E-08	2.58E-09	6.24E-08	1.38E-08	2.12E-08	3.36E-08	5.92E-09	1.57E-08	1.55E-07
622	490336.72	3859935.12	2.21E-04	2.55E-04	1.18E-04	7.66E-08	2.31E-07	1.34E-07	1.55E-07	1.40E-07	6.39E-08	2.96E-08	2.56E-09	6.18E-08	1.36E-08	2.10E-08	3.33E-08	5.87E-09	1.55E-08	1.54E-07
623	490386.72	3859935.12	2.19E-04	2.53E-04	1.17E-04	7.60E-08	2.29E-07	1.33E-07	1.53E-07	1.39E-07	6.34E-08	2.93E-08	2.54E-09	6.13E-08	1.35E-08	2.08E-08	3.30E-08	5.82E-09	1.54E-08	1.52E-07
624	490436.72	3859935.12	2.17E-04	2.51E-04	1.16E-04	7.53E-08	2.27E-07	1.32E-07	1.52E-07	1.38E-07	6.28E-08	2.91E-08	2.52E-09	6.08E-08	1.34E-08	2.06E-08	3.27E-08	5.77E-09	1.53E-08	1.51E-07
625	490486.72	3859935.12	2.16E-04	2.49E-04	1.15E-04	7.47E-08	2.26E-07	1.31E-07	1.51E-07	1.37E-07	6.23E-08	2.88E-08	2.50E-09	6.03E-08	1.33E-08	2.05E-08	3.25E-08	5.72E-09	1.51E-08	1.50E-07
626	490536.72	3859935.12	2.14E-04	2.47E-04	1.14E-04	7.43E-08	2.24E-07	1.30E-07	1.50E-07	1.36E-07	6.20E-08	2.86E-08	2.48E-09	6.00E-08	1.32E-08	2.04E-08	3.23E-08	5.69E-09	1.50E-08	1.49E-07
627	490586.72	3859935.12	2.14E-04	2.47E-04	1.14E-04	7.40E-08	2.24E-07	1.29E-07	1.49E-07	1.35E-07	6.18E-08	2.85E-08	2.47E-09	5.97E-08	1.32E-08	2.03E-08	3.22E-08	5.67E-09	1.50E-08	1.48E-07
628	490636.72	3859935.12	2.12E-04	2.45E-04	1.13E-04	7.36E-08	2.22E-07	1.29E-07	1.48E-07	1.35E-07	6.14E-08	2.84E-08	2.46E-09	5.94E-08	1.31E-08	2.02E-08	3.20E-08	5.64E-09	1.49E-08	1.48E-07

629	490686.72	3859935.12	2.12E-04	2.45E-04	1.13E-04	7.35E-08	2.22E-07	1.28E-07	1.48E-07	1.34E-07	6.13E-08	2.83E-08	2.45E-09	5.93E-08	1.31E-08	2.01E-08	3.19E-08	5.63E-09	1.48E-08	1.47E-07
630	490736.72	3859935.12	2.11E-04	2.44E-04	1.13E-04	7.33E-08	2.21E-07	1.28E-07	1.48E-07	1.34E-07	6.11E-08	2.82E-08	2.45E-09	5.91E-08	1.30E-08	2.01E-08	3.18E-08	5.61E-09	1.48E-08	1.47E-07
631	490086.72	3859985.12	2.25E-04	2.60E-04	1.20E-04	7.81E-08	2.36E-07	1.36E-07	1.57E-07	1.43E-07	6.51E-08	3.02E-08	2.61E-09	6.30E-08	1.39E-08	2.14E-08	3.39E-08	5.98E-09	1.58E-08	1.57E-07
632	490136.72	3859985.12	2.24E-04	2.59E-04	1.20E-04	7.77E-08	2.35E-07	1.36E-07	1.57E-07	1.42E-07	6.48E-08	3.00E-08	2.59E-09	6.27E-08	1.38E-08	2.13E-08	3.37E-08	5.94E-09	1.58E-08	1.56E-07
633	490186.72	3859985.12	2.23E-04	2.57E-04	1.19E-04	7.73E-08	2.33E-07	1.35E-07	1.56E-07	1.41E-07	6.44E-08	2.98E-08	2.58E-09	6.23E-08	1.38E-08	2.12E-08	3.36E-08	5.91E-09	1.57E-08	1.55E-07
634	490236.72	3859985.12	2.22E-04	2.56E-04	1.18E-04	7.68E-08	2.32E-07	1.34E-07	1.55E-07	1.40E-07	6.41E-08	2.97E-08	2.57E-09	6.20E-08	1.37E-08	2.10E-08	3.34E-08	5.88E-09	1.56E-08	1.54E-07
635	490286.72	3859985.12	2.20E-04	2.54E-04	1.17E-04	7.62E-08	2.30E-07	1.33E-07	1.54E-07	1.39E-07	6.36E-08	2.94E-08	2.55E-09	6.15E-08	1.36E-08	2.09E-08	3.31E-08	5.84E-09	1.54E-08	1.53E-07
636	490336.72	3859985.12	2.18E-04	2.52E-04	1.16E-04	7.56E-08	2.28E-07	1.32E-07	1.52E-07	1.38E-07	6.31E-08	2.92E-08	2.52E-09	6.10E-08	1.35E-08	2.07E-08	3.28E-08	5.79E-09	1.53E-08	1.52E-07
637	490386.72	3859985.12	2.16E-04	2.49E-04	1.15E-04	7.49E-08	2.26E-07	1.31E-07	1.51E-07	1.37E-07	6.24E-08	2.89E-08	2.50E-09	6.04E-08	1.33E-08	2.05E-08	3.25E-08	5.73E-09	1.52E-08	1.50E-07
638	490436.72	3859985.12	2.14E-04	2.47E-04	1.14E-04	7.42E-08	2.24E-07	1.30E-07	1.50E-07	1.36E-07	6.19E-08	2.86E-08	2.48E-09	5.98E-08	1.32E-08	2.03E-08	3.22E-08	5.68E-09	1.50E-08	1.49E-07
639	490486.72	3859985.12	2.12E-04	2.45E-04	1.13E-04	7.36E-08	2.22E-07	1.29E-07	1.48E-07	1.35E-07	6.14E-08	2.84E-08	2.46E-09	5.93E-08	1.31E-08	2.01E-08	3.20E-08	5.63E-09	1.49E-08	1.48E-07
640	490536.72	3859985.12	2.11E-04	2.43E-04	1.12E-04	7.31E-08	2.21E-07	1.28E-07	1.47E-07	1.34E-07	6.10E-08	2.82E-08	2.44E-09	5.89E-08	1.30E-08	2.00E-08	3.17E-08	5.60E-09	1.48E-08	1.47E-07
641	490586.72	3859985.12	2.10E-04	2.42E-04	1.12E-04	7.27E-08	2.19E-07	1.27E-07	1.47E-07	1.33E-07	6.06E-08	2.80E-08	2.43E-09	5.86E-08	1.29E-08	1.99E-08	3.16E-08	5.56E-09	1.47E-08	1.46E-07
642	490636.72	3859985.12	2.09E-04	2.41E-04	1.11E-04	7.23E-08	2.18E-07	1.26E-07	1.46E-07	1.32E-07	6.04E-08	2.78E-08	2.42E-09	5.83E-08	1.29E-08	1.98E-08	3.14E-08	5.54E-09	1.46E-08	1.45E-07
643	490686.72	3859985.12	2.08E-04	2.40E-04	1.11E-04	7.22E-08	2.18E-07	1.26E-07	1.46E-07	1.32E-07	6.02E-08	2.78E-08	2.41E-09	5.82E-08	1.28E-08	1.98E-08	3.14E-08	5.53E-09	1.46E-08	1.45E-07
644	490736.72	3859985.12	2.07E-04	2.39E-04	1.10E-04	7.18E-08	2.17E-07	1.25E-07	1.45E-07	1.31E-07	5.99E-08	2.76E-08	2.40E-09	5.79E-08	1.28E-08	1.97E-08	3.12E-08	5.50E-09	1.45E-08	1.44E-07
645	490786.72	3859985.12	2.06E-04	2.38E-04	1.10E-04	7.14E-08	2.16E-07	1.25E-07	1.44E-07	1.31E-07	5.96E-08	2.75E-08	2.38E-09	5.76E-08	1.27E-08	1.96E-08	3.10E-08	5.47E-09	1.44E-08	1.43E-07
646	490086.72	3860035.12	2.21E-04	2.55E-04	1.18E-04	7.65E-08	2.31E-07	1.34E-07	1.54E-07	1.40E-07	6.38E-08	2.96E-08	2.55E-09	6.17E-08	1.36E-08	2.09E-08	3.32E-08	5.85E-09	1.55E-08	1.53E-07
647	490136.72	3860035.12	2.20E-04	2.54E-04	1.17E-04	7.62E-08	2.30E-07	1.33E-07	1.54E-07	1.39E-07	6.36E-08	2.94E-08	2.54E-09	6.15E-08	1.36E-08	2.09E-08	3.31E-08	5.83E-09	1.54E-08	1.53E-07
648	490186.72	3860035.12	2.19E-04	2.53E-04	1.17E-04	7.59E-08	2.29E-07	1.33E-07	1.53E-07	1.39E-07	6.33E-08	2.93E-08	2.53E-09	6.12E-08	1.35E-08	2.08E-08	3.30E-08	5.81E-09	1.54E-08	1.52E-07
649	490236.72	3860035.12	2.18E-04	2.51E-04	1.16E-04	7.55E-08	2.28E-07	1.32E-07	1.52E-07	1.38E-07	6.29E-08	2.91E-08	2.52E-09	6.09E-08	1.34E-08	2.07E-08	3.28E-08	5.78E-09	1.53E-08	1.51E-07
650	490286.72	3860035.12	2.16E-04	2.50E-04	1.15E-04	7.49E-08	2.26E-07	1.31E-07	1.51E-07	1.37E-07	6.25E-08	2.89E-08	2.50E-09	6.05E-08	1.33E-08	2.05E-08	3.26E-08	5.74E-09	1.52E-08	1.50E-07
651	490336.72	3860035.12	2.15E-04	2.48E-04	1.15E-04	7.45E-08	2.25E-07	1.30E-07	1.50E-07	1.36E-07	6.21E-08	2.87E-08	2.49E-09	6.01E-08	1.33E-08	2.04E-08	3.23E-08	5.70E-09	1.51E-08	1.49E-07
652	490386.72	3860035.12	2.13E-04	2.46E-04	1.13E-04	7.38E-08	2.23E-07	1.29E-07	1.49E-07	1.35E-07	6.16E-08	2.84E-08	2.46E-09	5.95E-08	1.31E-08	2.02E-08	3.21E-08	5.65E-09	1.49E-08	1.48E-07
653	490436.72	3860035.12	2.11E-04	2.43E-04	1.12E-04	7.31E-08	2.21E-07	1.28E-07	1.47E-07	1.34E-07	6.10E-08	2.82E-08	2.44E-09	5.90E-08	1.30E-08	2.00E-08	3.18E-08	5.60E-09	1.48E-08	1.47E-07
654	490486.72	3860035.12	2.09E-04	2.41E-04	1.11E-04	7.25E-08	2.19E-07	1.27E-07	1.46E-07	1.33E-07	6.05E-08	2.79E-08	2.42E-09	5.85E-08	1.29E-08	1.99E-08	3.15E-08	5.55E-09	1.47E-08	1.45E-07
655	490536.72	3860035.12	2.08E-04	2.40E-04	1.11E-04	7.20E-08	2.17E-07	1.26E-07	1.45E-07	1.32E-07	6.00E-08	2.77E-08	2.40E-09	5.80E-08	1.28E-08	1.97E-08	3.13E-08	5.51E-09	1.45E-08	1.44E-07
656	490586.72	3860035.12	2.06E-04	2.38E-04	1.10E-04	7.14E-08	2.16E-07	1.25E-07	1.44E-07	1.31E-07	5.96E-08	2.75E-08	2.39E-09	5.76E-08	1.27E-08	1.96E-08	3.10E-08	5.47E-09	1.44E-08	1.43E-07
657	490636.72	3860035.12	2.04E-04	2.36E-04	1.09E-04	7.09E-08	2.14E-07	1.24E-07	1.43E-07	1.30E-07	5.91E-08	2.73E-08	2.37E-09	5.72E-08	1.26E-08	1.94E-08	3.08E-08	5.43E-09	1.43E-08	1.42E-07
658	490686.72	3860035.12	2.03E-04	2.35E-04	1.08E-04	7.05E-08	2.13E-07	1.23E-07	1.42E-07	1.29E-07	5.88E-08	2.71E-08	2.35E-09	5.69E-08	1.25E-08	1.93E-08	3.06E-08	5.40E-09	1.42E-08	1.41E-07
659	490736.72	3860035.12	2.03E-04	2.34E-04	1.08E-04	7.04E-08	2.13E-07	1.23E-07	1.42E-07	1.29E-07	5.87E-08	2.71E-08	2.35E-09	5.68E-08	1.25E-08	1.93E-08	3.06E-08	5.39E-09	1.42E-08	1.41E-07
660	490786.72	3860035.12	2.02E-04	2.33E-04	1.07E-04	7.00E-08	2.11E-07	1.22E-07	1.41E-07	1.28E-07	5.84E-08	2.69E-08	2.34E-09	5.64E-08	1.25E-08	1.92E-08	3.04E-08	5.36E-09	1.41E-08	1.40E-07
661	490836.72	3860035.12	2.01E-04	2.32E-04	1.07E-04	6.96E-08	2.10E-07	1.22E-07	1.40E-07	1.27E-07	5.81E-08	2.68E-08	2.32E-09	5.61E-08	1.24E-08	1.91E-08	3.02E-08	5.33E-09	1.40E-08	1.40E-07
662	490086.72	3860085.12	2.17E-04	2.50E-04	1.16E-04	7.51E-08	2.27E-07	1.31E-07	1.51E-07	1.37E-07	6.26E-08	2.90E-08	2.51E-09	6.06E-08	1.34E-08	2.06E-08	3.26E-08	5.75E-09	1.52E-08	1.51E-07
663	490136.72	3860085.12	2.15E-04	2.49E-04	1.15E-04	7.47E-08	2.25E-07	1.30E-07	1.51E-07	1.36E-07	6.23E-08	2.88E-08	2.49E-09	6.02E-08	1.33E-08	2.04E-08	3.24E-08	5.71E-09	1.51E-08	1.50E-07
664	490186.72	3860085.12	2.15E-04	2.48E-04	1.15E-04	7.45E-08	2.25E-07	1.30E-07	1.50E-07	1.36E-07	6.21E-08	2.87E-08	2.49E-09	6.01E-08	1.33E-08	2.04E-08	3.24E-08	5.70E-09	1.51E-08	1.49E-07
665	490236.72	3860085.12	2.14E-04	2.47E-04	1.14E-04	7.42E-08	2.24E-07	1.30E-07	1.50E-07	1.36E-07	6.19E-08	2.86E-08	2.48E-09	5.98E-08	1.32E-08	2.03E-08	3.22E-08	5.68E-09	1.50E-08	1.49E-07
666	490286.72	3860085.12	2.13E-04	2.45E-04	1.13E-04	7.37E-08	2.23E-07	1.29E-07	1.49E-07	1.35E-07	6.15E-08	2.84E-08	2.46E-09	5.95E-08	1.31E-08	2.02E-08	3.20E-08	5.64E-09	1.49E-08	1.48E-07
667	490336.72	3860085.12	2.11E-04	2.44E-04	1.13E-04	7.32E-08	2.21E-07	1.28E-07	1.48E-07	1.34E-07	6.11E-08	2.82E-08	2.44E-09	5.91E-08	1.30E-08	2.01E-08	3.18E-08	5.61E-09	1.48E-08	1.47E-07
668	490386.72	3860085.12	2.10E-04	2.42E-04	1.12E-04	7.27E-08	2.19E-07	1.27E-07	1.47E-07	1.33E-07	6.06E-08	2.80E-08	2.43E-09	5.86E-08	1.29E-08	1.99E-08	3.16E-08	5.56E-09	1.47E-08	1.46E-07
669	490436.72	3860085.12	2.08E-04	2.40E-04	1.11E-04	7.21E-08	2.18E-07	1.26E-07	1.45E-07	1.32E-07	6.01E-08	2.77E-08	2.41E-09	5.81E-08	1.28E-08	1.97E-08	3.13E-08	5.52E-09	1.46E-08	1.44E-07
670	490486.72	3860085.12	2.06E-04	2.38E-04	1.10E-04	7.14E-08	2.16E-07	1.25E-07	1.44E-07	1.31E-07	5.96E-08	2.75E-08	2.39E-09	5.76E-08	1.27E-08	1.96E-08	3.10E-08	5.47E-09	1.44E-08	1.43E-07
671	490536.72	3860085.12	2.04E-04	2.36E-04	1.09E-04	7.09E-08	2.14E-07	1.24E-07	1.43E-07	1.30E-07	5.91E-08	2.73E-08	2.37E-09	5.72E-08	1.26E-08	1.94E-08	3.08E-08	5.43E-09	1.43E-08	1.42E-07
672	490586.72	3860085.12	2.03E-04	2.34E-04	1.08E-04	7.03E-08	2.12E-07	1.23E-07	1.42E-07	1.29E-07	5.87E-08	2.71E-08	2.35E-09	5.67E-08	1.25E-08	1.93E-08	3.06E-08	5.39E-09	1.42E-08	1.41E-07
673	490636.72	3860085.12	2.01E-04	2.32E-04	1.07E-04	6.98E-08	2.11E-07	1.22E-07	1.41E-07	1.28E-07	5.82E-08	2.68E-08	2.33E-09	5.63E-08	1.24E-08	1.91E-08	3.03E-08	5.34E-09	1.41E-08	1.40E-07
674	490686.72	3860085.12	2.00E-04	2.31E-04	1.06E-04	6.93E-08	2.09E-07	1.21E-07	1.40E-07	1.27E-07	5.78E-08	2.67E-08	2.31E-09	5.59E-08	1.23E-08	1.90E-08	3.01E-08	5.31E-09	1.40E-08	1.39E-07
675	490736.72	3860085.12	1.99E-04	2.30E-04	1.06E-04	6.89E-08	2.08E-07	1.21E-07	1.39E-07	1.26E-07	5.75E-08	2.65E-08	2.30E-09	5.56E-08	1.23E-08	1.89E-08	3.00E-08	5.28E-09	1.39E-08	1.38E-07
676	490786.72	3860085.12	1.98E-04	2.29E-04	1.05E-04	6.86E-08	2.07E-07	1.20E-07	1.38E-07	1.26E-07	5.73E-08	2.64E-08	2.29E-09	5.54E-08	1.22E-08	1.88E-08	2.98E-08	5.26E-09	1.38E-08	1.38E-07
677	490836.72	3860085.12	1.97E-04	2.27E-04	1.05E-04	6.82E-08	2.06E-07	1.19E-07	1.38E-07	1.25E-07	5.69E-08	2.62E-08	2.28E-09	5.50E-08	1.21E-08	1.87E-08	2.96E-08	5.22E-09	1.38E-08	1.37E-07
678	490086.72	3860135.12	2.11E-04	2.43E-04	1.12E-04	7.30E-08	2.20E-07	1.28E-07	1.47E-07	1.33E-07	6.09E-08	2.82E-08	2.44E-09	5.88E-08	1.30E-08	2.00E-08	3.17E-08	5.58E-09	1.48E-08	1.46E-07
679	490136.72	3860135.12	2.11E-04	2.43E-04	1.12E-04	7.30E-08	2.20E-07	1.28E-07	1.47E-07	1.33E-07	6.09E-08	2.81E-08	2.44E-09	5.89E-08	1.30E-08	2.00E-08	3.17E-08	5.59E-09	1.48E-08	1.46E-07
680	490186.72	3860135.12	2.10E-04	2.43E-04	1.12E-04	7.29E-08	2.20E-07	1.27E-07	1.47E-07	1.33E-07	6.08E-08	2.81E-08	2.44E-09	5.88E-08	1.30E-08	2.00E-08	3.17E-08	5.58E-09	1.47E-08	1.46E-07
681	490236.72	3860135.12	2.10E-04	2.42E-04	1.12E-04	7.27E-08	2.19E-07	1.27E-07	1.47E-07	1.33E-07	6.06E-08	2.80E-08	2.43E-09	5.86E-08	1.29E-08	1.99E-08	3.16E-08	5.56E-09	1.47E-08	1.46E-07

682	490286.72	3860135.12	2.09E-04	2.41E-04	1.11E-04	7.24E-08	2.19E-07	1.27E-07	1.46E-07	1.32E-07	6.04E-08	2.79E-08	2.42E-09	5.84E-08	1.29E-08	1.98E-08	3.14E-08	5.54E-09	1.46E-08	1.45E-07
683	490336.72	3860135.12	2.08E-04	2.40E-04	1.11E-04	7.20E-08	2.17E-07	1.26E-07	1.45E-07	1.32E-07	6.01E-08	2.77E-08	2.40E-09	5.81E-08	1.28E-08	1.97E-08	3.13E-08	5.51E-09	1.45E-08	1.44E-07
684	490386.72	3860135.12	2.06E-04	2.38E-04	1.10E-04	7.15E-08	2.16E-07	1.25E-07	1.44E-07	1.31E-07	5.97E-08	2.75E-08	2.39E-09	5.77E-08	1.27E-08	1.96E-08	3.11E-08	5.48E-09	1.44E-08	1.43E-07
685	490436.72	3860135.12	2.05E-04	2.36E-04	1.09E-04	7.09E-08	2.14E-07	1.24E-07	1.43E-07	1.30E-07	5.92E-08	2.73E-08	2.37E-09	5.72E-08	1.26E-08	1.94E-08	3.08E-08	5.43E-09	1.43E-08	1.42E-07
686	490486.72	3860135.12	2.03E-04	2.34E-04	1.08E-04	7.04E-08	2.13E-07	1.23E-07	1.42E-07	1.29E-07	5.87E-08	2.71E-08	2.35E-09	5.68E-08	1.25E-08	1.93E-08	3.06E-08	5.39E-09	1.42E-08	1.41E-07
687	490536.72	3860135.12	2.02E-04	2.33E-04	1.07E-04	6.99E-08	2.11E-07	1.22E-07	1.41E-07	1.28E-07	5.83E-08	2.69E-08	2.33E-09	5.64E-08	1.24E-08	1.91E-08	3.04E-08	5.35E-09	1.41E-08	1.40E-07
688	490586.72	3860135.12	2.00E-04	2.31E-04	1.06E-04	6.93E-08	2.09E-07	1.21E-07	1.40E-07	1.27E-07	5.78E-08	2.66E-08	2.31E-09	5.59E-08	1.23E-08	1.90E-08	3.01E-08	5.31E-09	1.40E-08	1.39E-07
689	490636.72	3860135.12	1.98E-04	2.29E-04	1.05E-04	6.87E-08	2.08E-07	1.20E-07	1.39E-07	1.26E-07	5.74E-08	2.64E-08	2.30E-09	5.54E-08	1.22E-08	1.88E-08	2.99E-08	5.26E-09	1.39E-08	1.38E-07
690	490686.72	3860135.12	1.97E-04	2.27E-04	1.05E-04	6.82E-08	2.06E-07	1.19E-07	1.38E-07	1.25E-07	5.69E-08	2.62E-08	2.28E-09	5.50E-08	1.21E-08	1.87E-08	2.96E-08	5.22E-09	1.38E-08	1.37E-07
691	490736.72	3860135.12	1.95E-04	2.26E-04	1.04E-04	6.77E-08	2.04E-07	1.18E-07	1.37E-07	1.24E-07	5.65E-08	2.60E-08	2.26E-09	5.46E-08	1.20E-08	1.85E-08	2.94E-08	5.19E-09	1.37E-08	1.36E-07
692	490786.72	3860135.12	1.94E-04	2.24E-04	1.03E-04	6.73E-08	2.03E-07	1.18E-07	1.36E-07	1.23E-07	5.62E-08	2.59E-08	2.25E-09	5.43E-08	1.20E-08	1.85E-08	2.93E-08	5.16E-09	1.36E-08	1.35E-07
693	490836.72	3860135.12	1.93E-04	2.23E-04	1.03E-04	6.69E-08	2.02E-07	1.17E-07	1.35E-07	1.22E-07	5.58E-08	2.57E-08	2.23E-09	5.39E-08	1.19E-08	1.83E-08	2.91E-08	5.12E-09	1.35E-08	1.34E-07
694	490086.72	3860185.12	2.05E-04	2.37E-04	1.09E-04	7.11E-08	2.15E-07	1.24E-07	1.43E-07	1.30E-07	5.93E-08	2.74E-08	2.37E-09	5.73E-08	1.26E-08	1.95E-08	3.09E-08	5.44E-09	1.44E-08	1.42E-07
695	490136.72	3860185.12	2.06E-04	2.37E-04	1.10E-04	7.13E-08	2.15E-07	1.25E-07	1.44E-07	1.30E-07	5.94E-08	2.75E-08	2.38E-09	5.75E-08	1.27E-08	1.95E-08	3.10E-08	5.46E-09	1.44E-08	1.43E-07
696	490186.72	3860185.12	2.06E-04	2.37E-04	1.10E-04	7.13E-08	2.15E-07	1.25E-07	1.44E-07	1.30E-07	5.95E-08	2.75E-08	2.38E-09	5.75E-08	1.27E-08	1.95E-08	3.10E-08	5.46E-09	1.44E-08	1.43E-07
697	490236.72	3860185.12	2.05E-04	2.37E-04	1.09E-04	7.12E-08	2.15E-07	1.24E-07	1.44E-07	1.30E-07	5.94E-08	2.74E-08	2.38E-09	5.74E-08	1.27E-08	1.95E-08	3.09E-08	5.45E-09	1.44E-08	1.43E-07
698	490286.72	3860185.12	2.05E-04	2.36E-04	1.09E-04	7.09E-08	2.14E-07	1.24E-07	1.43E-07	1.30E-07	5.92E-08	2.73E-08	2.37E-09	5.72E-08	1.26E-08	1.94E-08	3.08E-08	5.43E-09	1.43E-08	1.42E-07
699	490336.72	3860185.12	2.04E-04	2.35E-04	1.08E-04	7.06E-08	2.13E-07	1.23E-07	1.43E-07	1.29E-07	5.90E-08	2.72E-08	2.36E-09	5.70E-08	1.26E-08	1.94E-08	3.07E-08	5.41E-09	1.43E-08	1.42E-07
700	490386.72	3860185.12	2.03E-04	2.34E-04	1.08E-04	7.03E-08	2.12E-07	1.23E-07	1.42E-07	1.29E-07	5.87E-08	2.70E-08	2.35E-09	5.67E-08	1.25E-08	1.93E-08	3.05E-08	5.38E-09	1.42E-08	1.41E-07
701	490436.72	3860185.12	2.02E-04	2.33E-04	1.07E-04	6.98E-08	2.11E-07	1.22E-07	1.41E-07	1.28E-07	5.83E-08	2.68E-08	2.33E-09	5.63E-08	1.24E-08	1.91E-08	3.03E-08	5.35E-09	1.41E-08	1.40E-07
702	490486.72	3860185.12	2.00E-04	2.31E-04	1.06E-04	6.93E-08	2.09E-07	1.21E-07	1.40E-07	1.27E-07	5.79E-08	2.66E-08	2.31E-09	5.59E-08	1.23E-08	1.90E-08	3.01E-08	5.31E-09	1.40E-08	1.39E-07
703	490536.72	3860185.12	1.99E-04	2.29E-04	1.06E-04	6.88E-08	2.08E-07	1.20E-07	1.39E-07	1.26E-07	5.74E-08	2.64E-08	2.30E-09	5.55E-08	1.22E-08	1.89E-08	2.99E-08	5.27E-09	1.39E-08	1.38E-07
704	490586.72	3860185.12	1.97E-04	2.28E-04	1.05E-04	6.83E-08	2.06E-07	1.19E-07	1.38E-07	1.25E-07	5.70E-08	2.63E-08	2.28E-09	5.51E-08	1.22E-08	1.87E-08	2.97E-08	5.23E-09	1.38E-08	1.37E-07
705	490636.72	3860185.12	1.96E-04	2.26E-04	1.04E-04	6.78E-08	2.05E-07	1.18E-07	1.37E-07	1.24E-07	5.66E-08	2.60E-08	2.26E-09	5.47E-08	1.21E-08	1.86E-08	2.94E-08	5.19E-09	1.37E-08	1.36E-07
706	490686.72	3860185.12	1.94E-04	2.24E-04	1.03E-04	6.72E-08	2.03E-07	1.18E-07	1.36E-07	1.23E-07	5.61E-08	2.58E-08	2.25E-09	5.42E-08	1.20E-08	1.84E-08	2.92E-08	5.15E-09	1.36E-08	1.35E-07
707	490736.72	3860185.12	1.92E-04	2.22E-04	1.02E-04	6.66E-08	2.01E-07	1.16E-07	1.34E-07	1.22E-07	5.56E-08	2.56E-08	2.23E-09	5.38E-08	1.19E-08	1.83E-08	2.90E-08	5.11E-09	1.34E-08	1.34E-07
708	490786.72	3860185.12	1.91E-04	2.20E-04	1.01E-04	6.62E-08	2.00E-07	1.16E-07	1.34E-07	1.21E-07	5.52E-08	2.54E-08	2.21E-09	5.34E-08	1.18E-08	1.81E-08	2.88E-08	5.07E-09	1.33E-08	1.33E-07
709	490836.72	3860185.12	1.90E-04	2.19E-04	1.01E-04	6.57E-08	1.98E-07	1.15E-07	1.33E-07	1.20E-07	5.49E-08	2.52E-08	2.19E-09	5.30E-08	1.17E-08	1.80E-08	2.86E-08	5.03E-09	1.32E-08	1.32E-07
710	490086.72	3860235.12	2.00E-04	2.31E-04	1.07E-04	6.93E-08	2.09E-07	1.21E-07	1.40E-07	1.27E-07	5.78E-08	2.67E-08	2.31E-09	5.59E-08	1.23E-08	1.90E-08	3.01E-08	5.30E-09	1.40E-08	1.39E-07
711	490136.72	3860235.12	2.00E-04	2.31E-04	1.07E-04	6.95E-08	2.10E-07	1.21E-07	1.40E-07	1.27E-07	5.80E-08	2.67E-08	2.32E-09	5.60E-08	1.24E-08	1.90E-08	3.02E-08	5.32E-09	1.40E-08	1.39E-07
712	490186.72	3860235.12	2.01E-04	2.32E-04	1.07E-04	6.96E-08	2.10E-07	1.22E-07	1.40E-07	1.27E-07	5.81E-08	2.68E-08	2.32E-09	5.61E-08	1.24E-08	1.91E-08	3.02E-08	5.33E-09	1.41E-08	1.40E-07
713	490236.72	3860235.12	2.01E-04	2.32E-04	1.07E-04	6.96E-08	2.10E-07	1.22E-07	1.40E-07	1.27E-07	5.81E-08	2.68E-08	2.32E-09	5.61E-08	1.24E-08	1.91E-08	3.02E-08	5.33E-09	1.40E-08	1.40E-07
714	490286.72	3860235.12	2.01E-04	2.31E-04	1.07E-04	6.95E-08	2.10E-07	1.21E-07	1.40E-07	1.27E-07	5.80E-08	2.67E-08	2.32E-09	5.60E-08	1.24E-08	1.90E-08	3.02E-08	5.32E-09	1.40E-08	1.39E-07
715	490336.72	3860235.12	2.00E-04	2.31E-04	1.06E-04	6.93E-08	2.09E-07	1.21E-07	1.40E-07	1.27E-07	5.78E-08	2.66E-08	2.31E-09	5.59E-08	1.23E-08	1.90E-08	3.01E-08	5.31E-09	1.40E-08	1.39E-07
716	490386.72	3860235.12	1.99E-04	2.30E-04	1.06E-04	6.90E-08	2.08E-07	1.21E-07	1.39E-07	1.26E-07	5.76E-08	2.65E-08	2.31E-09	5.57E-08	1.23E-08	1.89E-08	3.00E-08	5.29E-09	1.39E-08	1.38E-07
717	490436.72	3860235.12	1.98E-04	2.29E-04	1.05E-04	6.87E-08	2.07E-07	1.20E-07	1.39E-07	1.26E-07	5.73E-08	2.64E-08	2.29E-09	5.54E-08	1.22E-08	1.88E-08	2.99E-08	5.26E-09	1.39E-08	1.38E-07
718	490486.72	3860235.12	1.97E-04	2.27E-04	1.05E-04	6.83E-08	2.06E-07	1.19E-07	1.38E-07	1.25E-07	5.70E-08	2.62E-08	2.28E-09	5.51E-08	1.22E-08	1.87E-08	2.97E-08	5.23E-09	1.38E-08	1.37E-07
719	490536.72	3860235.12	1.96E-04	2.26E-04	1.04E-04	6.78E-08	2.05E-07	1.19E-07	1.37E-07	1.24E-07	5.66E-08	2.60E-08	2.26E-09	5.47E-08	1.21E-08	1.86E-08	2.95E-08	5.19E-09	1.37E-08	1.36E-07
720	490586.72	3860235.12	1.94E-04	2.24E-04	1.03E-04	6.73E-08	2.03E-07	1.18E-07	1.36E-07	1.23E-07	5.62E-08	2.59E-08	2.25E-09	5.43E-08	1.20E-08	1.85E-08	2.93E-08	5.16E-09	1.36E-08	1.35E-07
721	490636.72	3860235.12	1.93E-04	2.23E-04	1.02E-04	6.68E-08	2.02E-07	1.17E-07	1.35E-07	1.22E-07	5.58E-08	2.57E-08	2.23E-09	5.39E-08	1.19E-08	1.83E-08	2.90E-08	5.12E-09	1.35E-08	1.34E-07
722	490686.72	3860235.12	1.91E-04	2.21E-04	1.02E-04	6.63E-08	2.00E-07	1.16E-07	1.34E-07	1.21E-07	5.53E-08	2.54E-08	2.21E-09	5.35E-08	1.18E-08	1.82E-08	2.88E-08	5.08E-09	1.34E-08	1.33E-07
723	490736.72	3860235.12	1.90E-04	2.19E-04	1.01E-04	6.58E-08	1.99E-07	1.15E-07	1.33E-07	1.20E-07	5.49E-08	2.52E-08	2.20E-09	5.30E-08	1.17E-08	1.80E-08	2.86E-08	5.04E-09	1.32E-08	1.32E-07
724	490786.72	3860235.12	1.88E-04	2.17E-04	9.99E-05	6.52E-08	1.97E-07	1.14E-07	1.32E-07	1.19E-07	5.44E-08	2.50E-08	2.18E-09	5.26E-08	1.16E-08	1.79E-08	2.83E-08	5.00E-09	1.31E-08	1.31E-07
725	490086.72	3860285.12	1.94E-04	2.24E-04	1.04E-04	6.74E-08	2.03E-07	1.18E-07	1.36E-07	1.23E-07	5.62E-08	2.59E-08	2.25E-09	5.44E-08	1.20E-08	1.85E-08	2.93E-08	5.16E-09	1.36E-08	1.35E-07
726	490136.72	3860285.12	1.95E-04	2.25E-04	1.04E-04	6.77E-08	2.04E-07	1.18E-07	1.37E-07	1.24E-07	5.65E-08	2.60E-08	2.26E-09	5.46E-08	1.20E-08	1.85E-08	2.94E-08	5.18E-09	1.37E-08	1.36E-07
727	490186.72	3860285.12	1.96E-04	2.26E-04	1.04E-04	6.79E-08	2.05E-07	1.19E-07	1.37E-07	1.24E-07	5.66E-08	2.61E-08	2.27E-09	5.47E-08	1.21E-08	1.86E-08	2.95E-08	5.20E-09	1.37E-08	1.36E-07
728	490236.72	3860285.12	1.96E-04	2.26E-04	1.04E-04	6.80E-08	2.05E-07	1.19E-07	1.37E-07	1.24E-07	5.67E-08	2.61E-08	2.27E-09	5.48E-08	1.21E-08	1.86E-08	2.95E-08	5.21E-09	1.37E-08	1.36E-07
729	490286.72	3860285.12	1.96E-04	2.26E-04	1.04E-04	6.80E-08	2.05E-07	1.19E-07	1.37E-07	1.24E-07	5.67E-08	2.61E-08	2.27E-09	5.48E-08	1.21E-08	1.86E-08	2.95E-08	5.21E-09	1.37E-08	1.36E-07
730	490336.72	3860285.12	1.96E-04	2.26E-04	1.04E-04	6.79E-08	2.05E-07	1.19E-07	1.37E-07	1.24E-07	5.67E-08	2.61E-08	2.27E-09	5.47E-08	1.21E-08	1.86E-08	2.95E-08	5.20E-09	1.37E-08	1.36E-07
731	490386.72	3860285.12	1.95E-04	2.26E-04	1.04E-04	6.77E-08	2.05E-07	1.18E-07	1.37E-07	1.24E-07	5.65E-08	2.60E-08	2.26E-09	5.46E-08	1.21E-08	1.86E-08	2.94E-08	5.19E-09	1.36E-08	1.36E-07
732	490436.72	3860285.12	1.95E-04	2.25E-04	1.03E-04	6.75E-08	2.04E-07	1.18E-07	1.36E-07	1.23E-07	5.63E-08	2.59E-08	2.25E-09	5.44E-08	1.20E-08	1.85E-08	2.93E-08	5.17E-09	1.36E-08	1.35E-07
733	490486.72	3860285.12	1.94E-04	2.24E-04	1.03E-04	6.72E-08	2.03E-07	1.17E-07	1.36E-07	1.23E-07	5.61E-08	2.58E-08	2.24E-09	5.42E-08	1.20E-08	1.84E-08	2.92E-08	5.14E-09	1.35E-08	1.35E-07
734	490536.72	3860285.12	1.93E-04	2.22E-04	1.02E-04	6.67E-08	2.02E-07	1.17E-07	1.35E-07	1.22E-07	5.57E-08	2.56E-08	2.23E-09	5.38E-08	1.19E-08	1.83E-08	2.90E-08	5.11E-09	1.34E-08	1.34E-07

735	490586.72	3860285.12	1.91E-04	2.21E-04	1.01E-04	6.63E-08	2.00E-07	1.16E-07	1.34E-07	1.21E-07	5.53E-08	2.54E-08	2.21E-09	5.35E-08	1.18E-08	1.82E-08	2.88E-08	5.08E-09	1.33E-08	1.33E-07
736	490636.72	3860285.12	1.90E-04	2.19E-04	1.01E-04	6.58E-08	1.99E-07	1.15E-07	1.33E-07	1.20E-07	5.50E-08	2.53E-08	2.20E-09	5.31E-08	1.17E-08	1.80E-08	2.86E-08	5.04E-09	1.33E-08	1.32E-07
737	490686.72	3860285.12	1.89E-04	2.18E-04	1.00E-04	6.54E-08	1.97E-07	1.14E-07	1.32E-07	1.20E-07	5.46E-08	2.51E-08	2.18E-09	5.27E-08	1.16E-08	1.79E-08	2.84E-08	5.01E-09	1.32E-08	1.31E-07
738	490736.72	3860285.12	1.87E-04	2.16E-04	9.93E-05	6.49E-08	1.96E-07	1.13E-07	1.31E-07	1.19E-07	5.42E-08	2.49E-08	2.17E-09	5.23E-08	1.15E-08	1.78E-08	2.82E-08	4.97E-09	1.31E-08	1.30E-07
739	490786.72	3860285.12	1.86E-04	2.14E-04	9.85E-05	6.44E-08	1.94E-07	1.13E-07	1.30E-07	1.18E-07	5.37E-08	2.47E-08	2.15E-09	5.19E-08	1.15E-08	1.76E-08	2.80E-08	4.93E-09	1.30E-08	1.29E-07
740	490086.72	3860335.12	1.89E-04	2.18E-04	1.01E-04	6.55E-08	1.98E-07	1.15E-07	1.32E-07	1.20E-07	5.47E-08	2.52E-08	2.19E-09	5.29E-08	1.17E-08	1.80E-08	2.85E-08	5.02E-09	1.32E-08	1.31E-07
741	490136.72	3860335.12	1.90E-04	2.19E-04	1.01E-04	6.59E-08	1.99E-07	1.15E-07	1.33E-07	1.20E-07	5.50E-08	2.53E-08	2.20E-09	5.31E-08	1.17E-08	1.80E-08	2.86E-08	5.05E-09	1.33E-08	1.32E-07
742	490186.72	3860335.12	1.91E-04	2.20E-04	1.01E-04	6.61E-08	2.00E-07	1.16E-07	1.33E-07	1.21E-07	5.52E-08	2.54E-08	2.21E-09	5.33E-08	1.18E-08	1.81E-08	2.87E-08	5.06E-09	1.33E-08	1.33E-07
743	490236.72	3860335.12	1.91E-04	2.21E-04	1.02E-04	6.63E-08	2.00E-07	1.16E-07	1.34E-07	1.21E-07	5.54E-08	2.55E-08	2.22E-09	5.35E-08	1.18E-08	1.82E-08	2.88E-08	5.08E-09	1.34E-08	1.33E-07
744	490286.72	3860335.12	1.92E-04	2.21E-04	1.02E-04	6.64E-08	2.01E-07	1.16E-07	1.34E-07	1.22E-07	5.54E-08	2.55E-08	2.22E-09	5.36E-08	1.18E-08	1.82E-08	2.89E-08	5.09E-09	1.34E-08	1.33E-07
745	490336.72	3860335.12	1.92E-04	2.21E-04	1.02E-04	6.64E-08	2.01E-07	1.16E-07	1.34E-07	1.21E-07	5.54E-08	2.55E-08	2.22E-09	5.36E-08	1.18E-08	1.82E-08	2.89E-08	5.09E-09	1.34E-08	1.33E-07
746	490386.72	3860335.12	1.91E-04	2.21E-04	1.02E-04	6.63E-08	2.00E-07	1.16E-07	1.34E-07	1.21E-07	5.54E-08	2.55E-08	2.22E-09	5.35E-08	1.18E-08	1.82E-08	2.88E-08	5.08E-09	1.34E-08	1.33E-07
747	490436.72	3860335.12	1.91E-04	2.21E-04	1.01E-04	6.62E-08	2.00E-07	1.16E-07	1.34E-07	1.21E-07	5.53E-08	2.54E-08	2.21E-09	5.34E-08	1.18E-08	1.81E-08	2.88E-08	5.07E-09	1.33E-08	1.33E-07
748	490486.72	3860335.12	1.90E-04	2.20E-04	1.01E-04	6.60E-08	1.99E-07	1.15E-07	1.33E-07	1.21E-07	5.51E-08	2.53E-08	2.20E-09	5.32E-08	1.17E-08	1.81E-08	2.87E-08	5.05E-09	1.33E-08	1.32E-07
749	490536.72	3860335.12	1.90E-04	2.19E-04	1.00E-04	6.57E-08	1.98E-07	1.15E-07	1.33E-07	1.20E-07	5.48E-08	2.52E-08	2.19E-09	5.30E-08	1.17E-08	1.80E-08	2.86E-08	5.03E-09	1.32E-08	1.32E-07
750	490586.72	3860335.12	1.88E-04	2.18E-04	9.99E-05	6.53E-08	1.97E-07	1.14E-07	1.32E-07	1.19E-07	5.45E-08	2.50E-08	2.18E-09	5.27E-08	1.16E-08	1.79E-08	2.84E-08	5.00E-09	1.31E-08	1.31E-07
751	490636.72	3860335.12	1.87E-04	2.16E-04	9.93E-05	6.49E-08	1.96E-07	1.13E-07	1.31E-07	1.19E-07	5.42E-08	2.49E-08	2.17E-09	5.23E-08	1.15E-08	1.78E-08	2.82E-08	4.97E-09	1.31E-08	1.30E-07
752	490686.72	3860335.12	1.86E-04	2.15E-04	9.86E-05	6.44E-08	1.95E-07	1.13E-07	1.30E-07	1.18E-07	5.38E-08	2.47E-08	2.15E-09	5.20E-08	1.15E-08	1.77E-08	2.80E-08	4.94E-09	1.30E-08	1.29E-07
753	490736.72	3860335.12	1.85E-04	2.13E-04	9.78E-05	6.40E-08	1.93E-07	1.12E-07	1.29E-07	1.17E-07	5.34E-08	2.45E-08	2.14E-09	5.16E-08	1.14E-08	1.75E-08	2.78E-08	4.90E-09	1.29E-08	1.28E-07
754	490786.72	3860335.12	1.83E-04	2.12E-04	9.72E-05	6.36E-08	1.92E-07	1.11E-07	1.28E-07	1.16E-07	5.31E-08	2.44E-08	2.12E-09	5.13E-08	1.13E-08	1.74E-08	2.76E-08	4.87E-09	1.28E-08	1.27E-07
755	490086.72	3860385.12	1.84E-04	2.12E-04	9.78E-05	6.37E-08	1.92E-07	1.11E-07	1.29E-07	1.17E-07	5.32E-08	2.45E-08	2.13E-09	5.14E-08	1.13E-08	1.75E-08	2.77E-08	4.88E-09	1.29E-08	1.28E-07
756	490136.72	3860385.12	1.85E-04	2.14E-04	9.83E-05	6.41E-08	1.94E-07	1.12E-07	1.29E-07	1.17E-07	5.35E-08	2.46E-08	2.14E-09	5.17E-08	1.14E-08	1.76E-08	2.79E-08	4.91E-09	1.29E-08	1.29E-07
757	490186.72	3860385.12	1.86E-04	2.14E-04	9.86E-05	6.44E-08	1.94E-07	1.12E-07	1.30E-07	1.18E-07	5.37E-08	2.47E-08	2.15E-09	5.19E-08	1.15E-08	1.76E-08	2.80E-08	4.93E-09	1.30E-08	1.29E-07
758	490236.72	3860385.12	1.86E-04	2.15E-04	9.90E-05	6.46E-08	1.95E-07	1.13E-07	1.30E-07	1.18E-07	5.39E-08	2.48E-08	2.16E-09	5.21E-08	1.15E-08	1.77E-08	2.81E-08	4.95E-09	1.30E-08	1.30E-07
759	490286.72	3860385.12	1.87E-04	2.16E-04	9.92E-05	6.48E-08	1.96E-07	1.13E-07	1.31E-07	1.19E-07	5.41E-08	2.49E-08	2.16E-09	5.23E-08	1.15E-08	1.78E-08	2.82E-08	4.96E-09	1.30E-08	1.30E-07
760	490336.72	3860385.12	1.87E-04	2.16E-04	9.93E-05	6.49E-08	1.96E-07	1.13E-07	1.31E-07	1.19E-07	5.42E-08	2.49E-08	2.17E-09	5.23E-08	1.15E-08	1.78E-08	2.82E-08	4.97E-09	1.31E-08	1.30E-07
761	490386.72	3860385.12	1.87E-04	2.16E-04	9.93E-05	6.49E-08	1.96E-07	1.13E-07	1.31E-07	1.19E-07	5.42E-08	2.49E-08	2.17E-09	5.23E-08	1.15E-08	1.78E-08	2.82E-08	4.97E-09	1.31E-08	1.30E-07
762	490436.72	3860385.12	1.87E-04	2.16E-04	9.92E-05	6.48E-08	1.96E-07	1.13E-07	1.31E-07	1.19E-07	5.41E-08	2.49E-08	2.17E-09	5.23E-08	1.15E-08	1.78E-08	2.82E-08	4.97E-09	1.30E-08	1.30E-07
763	490486.72	3860385.12	1.87E-04	2.16E-04	9.90E-05	6.47E-08	1.95E-07	1.13E-07	1.31E-07	1.18E-07	5.41E-08	2.48E-08	2.16E-09	5.22E-08	1.15E-08	1.77E-08	2.81E-08	4.96E-09	1.30E-08	1.30E-07
764	490536.72	3860385.12	1.86E-04	2.15E-04	9.87E-05	6.45E-08	1.95E-07	1.13E-07	1.30E-07	1.18E-07	5.39E-08	2.47E-08	2.16E-09	5.21E-08	1.15E-08	1.77E-08	2.81E-08	4.95E-09	1.30E-08	1.29E-07
765	490586.72	3860385.12	1.85E-04	2.14E-04	9.82E-05	6.43E-08	1.94E-07	1.12E-07	1.30E-07	1.18E-07	5.37E-08	2.46E-08	2.15E-09	5.18E-08	1.14E-08	1.76E-08	2.79E-08	4.92E-09	1.29E-08	1.29E-07
766	490636.72	3860385.12	1.84E-04	2.13E-04	9.77E-05	6.39E-08	1.93E-07	1.12E-07	1.29E-07	1.17E-07	5.34E-08	2.45E-08	2.13E-09	5.15E-08	1.14E-08	1.75E-08	2.78E-08	4.90E-09	1.28E-08	1.28E-07
767	490686.72	3860385.12	1.83E-04	2.12E-04	9.71E-05	6.35E-08	1.92E-07	1.11E-07	1.28E-07	1.16E-07	5.31E-08	2.43E-08	2.12E-09	5.13E-08	1.13E-08	1.74E-08	2.76E-08	4.87E-09	1.28E-08	1.27E-07
768	490736.72	3860385.12	1.82E-04	2.10E-04	9.64E-05	6.31E-08	1.90E-07	1.10E-07	1.27E-07	1.15E-07	5.27E-08	2.42E-08	2.11E-09	5.09E-08	1.12E-08	1.73E-08	2.74E-08	4.83E-09	1.27E-08	1.26E-07
769	490786.72	3860385.12	1.81E-04	2.09E-04	9.57E-05	6.26E-08	1.89E-07	1.09E-07	1.26E-07	1.15E-07	5.23E-08	2.40E-08	2.09E-09	5.05E-08	1.11E-08	1.72E-08	2.72E-08	4.80E-09	1.26E-08	1.26E-07
770	490136.72	3860435.12	1.80E-04	2.08E-04	9.55E-05	6.23E-08	1.88E-07	1.09E-07	1.26E-07	1.14E-07	5.20E-08	2.39E-08	2.08E-09	5.03E-08	1.11E-08	1.71E-08	2.71E-08	4.77E-09	1.26E-08	1.25E-07
771	490186.72	3860435.12	1.81E-04	2.09E-04	9.59E-05	6.27E-08	1.89E-07	1.10E-07	1.26E-07	1.15E-07	5.23E-08	2.40E-08	2.09E-09	5.05E-08	1.12E-08	1.72E-08	2.72E-08	4.80E-09	1.26E-08	1.26E-07
772	490236.72	3860435.12	1.82E-04	2.10E-04	9.63E-05	6.29E-08	1.90E-07	1.10E-07	1.27E-07	1.15E-07	5.25E-08	2.41E-08	2.10E-09	5.08E-08	1.12E-08	1.72E-08	2.74E-08	4.82E-09	1.27E-08	1.26E-07
773	490286.72	3860435.12	1.82E-04	2.10E-04	9.66E-05	6.32E-08	1.91E-07	1.10E-07	1.27E-07	1.16E-07	5.27E-08	2.42E-08	2.11E-09	5.09E-08	1.12E-08	1.73E-08	2.75E-08	4.84E-09	1.27E-08	1.27E-07
774	490336.72	3860435.12	1.83E-04	2.11E-04	9.68E-05	6.33E-08	1.91E-07	1.11E-07	1.28E-07	1.16E-07	5.28E-08	2.43E-08	2.11E-09	5.11E-08	1.13E-08	1.73E-08	2.75E-08	4.85E-09	1.27E-08	1.27E-07
775	490386.72	3860435.12	1.83E-04	2.11E-04	9.69E-05	6.34E-08	1.91E-07	1.11E-07	1.28E-07	1.16E-07	5.29E-08	2.43E-08	2.12E-09	5.11E-08	1.13E-08	1.74E-08	2.76E-08	4.86E-09	1.27E-08	1.27E-07
776	490436.72	3860435.12	1.83E-04	2.11E-04	9.70E-05	6.34E-08	1.92E-07	1.11E-07	1.28E-07	1.16E-07	5.30E-08	2.43E-08	2.12E-09	5.12E-08	1.13E-08	1.74E-08	2.76E-08	4.86E-09	1.28E-08	1.27E-07
777	490486.72	3860435.12	1.83E-04	2.11E-04	9.69E-05	6.34E-08	1.91E-07	1.11E-07	1.28E-07	1.16E-07	5.29E-08	2.43E-08	2.12E-09	5.11E-08	1.13E-08	1.74E-08	2.76E-08	4.86E-09	1.27E-08	1.27E-07
778	490536.72	3860435.12	1.83E-04	2.11E-04	9.67E-05	6.33E-08	1.91E-07	1.11E-07	1.28E-07	1.16E-07	5.29E-08	2.42E-08	2.11E-09	5.11E-08	1.13E-08	1.74E-08	2.75E-08	4.85E-09	1.27E-08	1.27E-07
779	490586.72	3860435.12	1.82E-04	2.10E-04	9.64E-05	6.31E-08	1.91E-07	1.10E-07	1.27E-07	1.16E-07	5.27E-08	2.42E-08	2.11E-09	5.09E-08	1.12E-08	1.73E-08	2.74E-08	4.84E-09	1.27E-08	1.27E-07
780	490636.72	3860435.12	1.81E-04	2.09E-04	9.60E-05	6.28E-08	1.90E-07	1.10E-07	1.27E-07	1.15E-07	5.25E-08	2.41E-08	2.10E-09	5.07E-08	1.12E-08	1.72E-08	2.73E-08	4.82E-09	1.26E-08	1.26E-07
781	490686.72	3860435.12	1.80E-04	2.08E-04	9.55E-05	6.25E-08	1.89E-07	1.09E-07	1.26E-07	1.14E-07	5.22E-08	2.39E-08	2.09E-09	5.05E-08	1.11E-08	1.71E-08	2.72E-08	4.79E-09	1.26E-08	1.25E-07
782	490736.72	3860435.12	1.80E-04	2.07E-04	9.50E-05	6.22E-08	1.88E-07	1.09E-07	1.26E-07	1.14E-07	5.20E-08	2.38E-08	2.08E-09	5.02E-08	1.11E-08	1.71E-08	2.71E-08	4.77E-09	1.25E-08	1.25E-07
783	490786.72	3860435.12	1.78E-04	2.06E-04	9.44E-05	6.18E-08	1.87E-07	1.08E-07	1.25E-07	1.13E-07	5.16E-08	2.36E-08	2.06E-09	4.98E-08	1.10E-08	1.69E-08	2.69E-08	4.74E-09	1.24E-08	1.24E-07
784	490136.72	3860485.12	1.75E-04	2.02E-04	9.29E-05	6.07E-08	1.83E-07	1.06E-07	1.23E-07	1.11E-07	5.07E-08	2.33E-08	2.03E-09	4.90E-08	1.08E-08	1.66E-08	2.64E-08	4.65E-09	1.22E-08	1.22E-07
785	490186.72	3860485.12	1.76E-04	2.03E-04	9.33E-05	6.10E-08	1.84E-07	1.07E-07	1.23E-07	1.12E-07	5.09E-08	2.34E-08	2.04E-09	4.92E-08	1.09E-08	1.67E-08	2.65E-08	4.67E-09	1.23E-08	1.22E-07
786	490236.72	3860485.12	1.77E-04	2.04E-04	9.37E-05	6.13E-08	1.85E-07	1.07E-07	1.24E-07	1.12E-07	5.11E-08	2.35E-08	2.05E-09	4.94E-08	1.09E-08	1.68E-08	2.66E-08	4.69E-09	1.23E-08	1.23E-07
787	490286.72	3860485.12	1.78E-04	2.05E-04	9.41E-05	6.15E-08	1.86E-07	1.08E-07	1.24E-07	1.13E-07	5.14E-08	2.36E-08	2.06E-09	4.96E-08	1.10E-08	1.69E-08	2.68E-08	4.72E-09	1.24E-08	1.23E-07

788	490336.72	3860485.12	1.78E-04	2.06E-04	9.43E-05	6.17E-08	1.86E-07	1.08E-07	1.25E-07	1.13E-07	5.15E-08	2.36E-08	2.06E-09	4.98E-08	1.10E-08	1.69E-08	2.68E-08	4.73E-09	1.24E-08	1.24E-07
789	490386.72	3860485.12	1.79E-04	2.06E-04	9.46E-05	6.19E-08	1.87E-07	1.08E-07	1.25E-07	1.13E-07	5.17E-08	2.37E-08	2.07E-09	4.99E-08	1.10E-08	1.70E-08	2.69E-08	4.75E-09	1.24E-08	1.24E-07
790	490436.72	3860485.12	1.79E-04	2.07E-04	9.48E-05	6.21E-08	1.87E-07	1.09E-07	1.25E-07	1.14E-07	5.18E-08	2.38E-08	2.07E-09	5.01E-08	1.11E-08	1.70E-08	2.70E-08	4.76E-09	1.25E-08	1.24E-07
791	490486.72	3860485.12	1.79E-04	2.07E-04	9.48E-05	6.21E-08	1.87E-07	1.09E-07	1.25E-07	1.14E-07	5.19E-08	2.38E-08	2.07E-09	5.01E-08	1.11E-08	1.70E-08	2.70E-08	4.76E-09	1.25E-08	1.24E-07
792	490536.72	3860485.12	1.79E-04	2.07E-04	9.47E-05	6.20E-08	1.87E-07	1.08E-07	1.25E-07	1.14E-07	5.18E-08	2.37E-08	2.07E-09	5.00E-08	1.10E-08	1.70E-08	2.70E-08	4.75E-09	1.25E-08	1.24E-07
793	490586.72	3860485.12	1.79E-04	2.06E-04	9.45E-05	6.19E-08	1.87E-07	1.08E-07	1.25E-07	1.13E-07	5.17E-08	2.37E-08	2.07E-09	4.99E-08	1.10E-08	1.70E-08	2.69E-08	4.75E-09	1.24E-08	1.24E-07
794	490636.72	3860485.12	1.78E-04	2.06E-04	9.43E-05	6.18E-08	1.86E-07	1.08E-07	1.25E-07	1.13E-07	5.16E-08	2.36E-08	2.06E-09	4.98E-08	1.10E-08	1.69E-08	2.69E-08	4.73E-09	1.24E-08	1.24E-07
795	490686.72	3860485.12	1.77E-04	2.05E-04	9.39E-05	6.15E-08	1.86E-07	1.07E-07	1.24E-07	1.13E-07	5.14E-08	2.35E-08	2.05E-09	4.96E-08	1.09E-08	1.69E-08	2.67E-08	4.71E-09	1.23E-08	1.23E-07
796	490736.72	3860485.12	1.77E-04	2.04E-04	9.34E-05	6.12E-08	1.85E-07	1.07E-07	1.24E-07	1.12E-07	5.11E-08	2.34E-08	2.04E-09	4.94E-08	1.09E-08	1.68E-08	2.66E-08	4.69E-09	1.23E-08	1.23E-07
797	490786.72	3860485.12	1.76E-04	2.03E-04	9.29E-05	6.09E-08	1.84E-07	1.06E-07	1.23E-07	1.11E-07	5.09E-08	2.33E-08	2.03E-09	4.91E-08	1.08E-08	1.67E-08	2.65E-08	4.67E-09	1.22E-08	1.22E-07
798	490136.72	3860535.12	1.71E-04	1.97E-04	9.04E-05	5.91E-08	1.78E-07	1.03E-07	1.19E-07	1.08E-07	4.93E-08	2.26E-08	1.97E-09	4.77E-08	1.05E-08	1.62E-08	2.57E-08	4.53E-09	1.19E-08	1.18E-07
799	490186.72	3860535.12	1.72E-04	1.98E-04	9.10E-05	5.95E-08	1.80E-07	1.04E-07	1.20E-07	1.09E-07	4.97E-08	2.28E-08	1.99E-09	4.80E-08	1.06E-08	1.63E-08	2.59E-08	4.56E-09	1.20E-08	1.19E-07
800	490236.72	3860535.12	1.72E-04	1.99E-04	9.12E-05	5.97E-08	1.80E-07	1.04E-07	1.20E-07	1.09E-07	4.98E-08	2.28E-08	1.99E-09	4.81E-08	1.06E-08	1.64E-08	2.59E-08	4.57E-09	1.20E-08	1.20E-07
801	490286.72	3860535.12	1.73E-04	2.00E-04	9.15E-05	5.99E-08	1.81E-07	1.05E-07	1.21E-07	1.10E-07	5.00E-08	2.29E-08	2.00E-09	4.83E-08	1.07E-08	1.64E-08	2.61E-08	4.59E-09	1.20E-08	1.20E-07
802	490336.72	3860535.12	1.74E-04	2.01E-04	9.19E-05	6.02E-08	1.82E-07	1.05E-07	1.21E-07	1.10E-07	5.03E-08	2.30E-08	2.01E-09	4.85E-08	1.07E-08	1.65E-08	2.62E-08	4.61E-09	1.21E-08	1.21E-07
803	490386.72	3860535.12	1.74E-04	2.01E-04	9.23E-05	6.04E-08	1.82E-07	1.06E-07	1.22E-07	1.11E-07	5.05E-08	2.31E-08	2.02E-09	4.88E-08	1.08E-08	1.66E-08	2.63E-08	4.63E-09	1.21E-08	1.21E-07
804	490436.72	3860535.12	1.75E-04	2.02E-04	9.26E-05	6.07E-08	1.83E-07	1.06E-07	1.22E-07	1.11E-07	5.07E-08	2.32E-08	2.03E-09	4.89E-08	1.08E-08	1.66E-08	2.64E-08	4.65E-09	1.22E-08	1.22E-07
805	490486.72	3860535.12	1.75E-04	2.03E-04	9.28E-05	6.08E-08	1.84E-07	1.06E-07	1.23E-07	1.11E-07	5.08E-08	2.32E-08	2.03E-09	4.90E-08	1.08E-08	1.67E-08	2.64E-08	4.66E-09	1.22E-08	1.22E-07
806	490536.72	3860535.12	1.76E-04	2.03E-04	9.31E-05	6.10E-08	1.84E-07	1.07E-07	1.23E-07	1.12E-07	5.09E-08	2.33E-08	2.04E-09	4.92E-08	1.09E-08	1.67E-08	2.65E-08	4.67E-09	1.22E-08	1.22E-07
807	490586.72	3860535.12	1.75E-04	2.02E-04	9.27E-05	6.07E-08	1.83E-07	1.06E-07	1.23E-07	1.11E-07	5.07E-08	2.32E-08	2.03E-09	4.90E-08	1.08E-08	1.67E-08	2.64E-08	4.66E-09	1.22E-08	1.22E-07
808	490636.72	3860535.12	1.75E-04	2.02E-04	9.25E-05	6.06E-08	1.83E-07	1.06E-07	1.22E-07	1.11E-07	5.06E-08	2.32E-08	2.02E-09	4.89E-08	1.08E-08	1.66E-08	2.64E-08	4.65E-09	1.22E-08	1.21E-07
809	490686.72	3860535.12	1.74E-04	2.02E-04	9.22E-05	6.05E-08	1.83E-07	1.06E-07	1.22E-07	1.11E-07	5.05E-08	2.31E-08	2.02E-09	4.88E-08	1.08E-08	1.66E-08	2.63E-08	4.64E-09	1.21E-08	1.21E-07
810	490736.72	3860535.12	1.74E-04	2.01E-04	9.19E-05	6.02E-08	1.82E-07	1.05E-07	1.22E-07	1.10E-07	5.03E-08	2.30E-08	2.01E-09	4.86E-08	1.07E-08	1.65E-08	2.62E-08	4.62E-09	1.21E-08	1.21E-07
811	490786.72	3860535.12	1.73E-04	2.00E-04	9.15E-05	6.00E-08	1.81E-07	1.05E-07	1.21E-07	1.10E-07	5.01E-08	2.29E-08	2.00E-09	4.84E-08	1.07E-08	1.64E-08	2.61E-08	4.60E-09	1.20E-08	1.20E-07
812	490136.72	3860585.12	1.66E-04	1.92E-04	8.81E-05	5.77E-08	1.74E-07	1.01E-07	1.16E-07	1.06E-07	4.82E-08	2.21E-08	1.93E-09	4.65E-08	1.03E-08	1.58E-08	2.51E-08	4.42E-09	1.16E-08	1.16E-07
813	490186.72	3860585.12	1.66E-04	1.92E-04	8.80E-05	5.76E-08	1.74E-07	1.01E-07	1.16E-07	1.05E-07	4.81E-08	2.21E-08	1.92E-09	4.65E-08	1.03E-08	1.58E-08	2.51E-08	4.42E-09	1.16E-08	1.16E-07
814	490236.72	3860585.12	1.67E-04	1.93E-04	8.86E-05	5.80E-08	1.75E-07	1.01E-07	1.17E-07	1.06E-07	4.85E-08	2.22E-08	1.94E-09	4.68E-08	1.03E-08	1.59E-08	2.52E-08	4.45E-09	1.17E-08	1.16E-07
815	490286.72	3860585.12	1.68E-04	1.95E-04	8.91E-05	5.84E-08	1.76E-07	1.02E-07	1.18E-07	1.07E-07	4.87E-08	2.23E-08	1.95E-09	4.71E-08	1.04E-08	1.60E-08	2.54E-08	4.47E-09	1.17E-08	1.17E-07
816	490336.72	3860585.12	1.69E-04	1.95E-04	8.95E-05	5.86E-08	1.77E-07	1.02E-07	1.18E-07	1.07E-07	4.90E-08	2.24E-08	1.96E-09	4.73E-08	1.04E-08	1.61E-08	2.55E-08	4.49E-09	1.18E-08	1.18E-07
817	490386.72	3860585.12	1.70E-04	1.96E-04	8.98E-05	5.89E-08	1.78E-07	1.03E-07	1.19E-07	1.08E-07	4.92E-08	2.25E-08	1.97E-09	4.75E-08	1.05E-08	1.61E-08	2.56E-08	4.51E-09	1.18E-08	1.18E-07
818	490436.72	3860585.12	1.71E-04	1.98E-04	9.04E-05	5.93E-08	1.79E-07	1.04E-07	1.20E-07	1.09E-07	4.95E-08	2.27E-08	1.98E-09	4.78E-08	1.06E-08	1.63E-08	2.58E-08	4.55E-09	1.19E-08	1.19E-07
819	490486.72	3860585.12	1.72E-04	1.99E-04	9.09E-05	5.96E-08	1.80E-07	1.04E-07	1.20E-07	1.09E-07	4.98E-08	2.28E-08	1.99E-09	4.81E-08	1.06E-08	1.63E-08	2.59E-08	4.57E-09	1.20E-08	1.19E-07
820	490536.72	3860585.12	1.72E-04	1.99E-04	9.10E-05	5.97E-08	1.80E-07	1.04E-07	1.21E-07	1.09E-07	4.98E-08	2.28E-08	1.99E-09	4.81E-08	1.06E-08	1.64E-08	2.60E-08	4.57E-09	1.20E-08	1.20E-07
821	490586.72	3860585.12	1.71E-04	1.98E-04	9.06E-05	5.94E-08	1.79E-07	1.04E-07	1.20E-07	1.09E-07	4.96E-08	2.27E-08	1.98E-09	4.79E-08	1.06E-08	1.63E-08	2.58E-08	4.56E-09	1.19E-08	1.19E-07
822	490636.72	3860585.12	1.71E-04	1.98E-04	9.06E-05	5.94E-08	1.79E-07	1.04E-07	1.20E-07	1.09E-07	4.96E-08	2.27E-08	1.98E-09	4.79E-08	1.06E-08	1.63E-08	2.59E-08	4.56E-09	1.19E-08	1.19E-07
823	490686.72	3860585.12	1.71E-04	1.98E-04	9.05E-05	5.93E-08	1.79E-07	1.04E-07	1.20E-07	1.09E-07	4.96E-08	2.27E-08	1.98E-09	4.79E-08	1.06E-08	1.63E-08	2.58E-08	4.55E-09	1.19E-08	1.19E-07
824	490736.72	3860585.12	1.71E-04	1.97E-04	9.02E-05	5.92E-08	1.79E-07	1.03E-07	1.20E-07	1.08E-07	4.95E-08	2.26E-08	1.98E-09	4.77E-08	1.05E-08	1.62E-08	2.58E-08	4.54E-09	1.19E-08	1.19E-07
825	490786.72	3860585.12	1.70E-04	1.97E-04	8.99E-05	5.90E-08	1.78E-07	1.03E-07	1.19E-07	1.08E-07	4.93E-08	2.25E-08	1.97E-09	4.76E-08	1.05E-08	1.62E-08	2.57E-08	4.52E-09	1.18E-08	1.18E-07
826	490136.72	3860635.12	1.63E-04	1.88E-04	8.62E-05	5.65E-08	1.70E-07	9.87E-08	1.14E-07	1.03E-07	4.72E-08	2.16E-08	1.89E-09	4.55E-08	1.01E-08	1.55E-08	2.46E-08	4.33E-09	1.13E-08	1.13E-07
827	490186.72	3860635.12	1.63E-04	1.88E-04	8.62E-05	5.65E-08	1.71E-07	9.87E-08	1.14E-07	1.03E-07	4.72E-08	2.16E-08	1.89E-09	4.56E-08	1.01E-08	1.55E-08	2.46E-08	4.33E-09	1.13E-08	1.13E-07
828	490236.72	3860635.12	1.63E-04	1.88E-04	8.63E-05	5.65E-08	1.71E-07	9.88E-08	1.14E-07	1.03E-07	4.72E-08	2.16E-08	1.89E-09	4.56E-08	1.01E-08	1.55E-08	2.46E-08	4.33E-09	1.13E-08	1.13E-07
829	490286.72	3860635.12	1.64E-04	1.89E-04	8.66E-05	5.68E-08	1.71E-07	9.93E-08	1.15E-07	1.04E-07	4.74E-08	2.17E-08	1.90E-09	4.58E-08	1.01E-08	1.56E-08	2.47E-08	4.35E-09	1.14E-08	1.14E-07
830	490336.72	3860635.12	1.65E-04	1.90E-04	8.71E-05	5.71E-08	1.72E-07	9.98E-08	1.15E-07	1.05E-07	4.77E-08	2.18E-08	1.91E-09	4.61E-08	1.02E-08	1.57E-08	2.48E-08	4.38E-09	1.15E-08	1.14E-07
831	490386.72	3860635.12	1.66E-04	1.91E-04	8.75E-05	5.74E-08	1.73E-07	1.00E-07	1.16E-07	1.05E-07	4.79E-08	2.19E-08	1.92E-09	4.63E-08	1.02E-08	1.57E-08	2.50E-08	4.40E-09	1.15E-08	1.15E-07
832	490436.72	3860635.12	1.66E-04	1.92E-04	8.79E-05	5.76E-08	1.74E-07	1.01E-07	1.16E-07	1.06E-07	4.82E-08	2.20E-08	1.92E-09	4.65E-08	1.03E-08	1.58E-08	2.51E-08	4.42E-09	1.16E-08	1.16E-07
833	490486.72	3860635.12	1.67E-04	1.93E-04	8.82E-05	5.79E-08	1.75E-07	1.01E-07	1.17E-07	1.06E-07	4.84E-08	2.21E-08	1.93E-09	4.67E-08	1.03E-08	1.59E-08	2.52E-08	4.44E-09	1.16E-08	1.16E-07
834	490536.72	3860635.12	1.68E-04	1.94E-04	8.86E-05	5.82E-08	1.76E-07	1.02E-07	1.17E-07	1.06E-07	4.86E-08	2.22E-08	1.94E-09	4.69E-08	1.04E-08	1.59E-08	2.53E-08	4.46E-09	1.17E-08	1.17E-07
835	490586.72	3860635.12	1.68E-04	1.94E-04	8.86E-05	5.82E-08	1.76E-07	1.02E-07	1.17E-07	1.06E-07	4.86E-08	2.22E-08	1.94E-09	4.69E-08	1.04E-08	1.60E-08	2.53E-08	4.46E-09	1.17E-08	1.17E-07
836	490636.72	3860635.12	1.68E-04	1.94E-04	8.87E-05	5.82E-08	1.76E-07	1.02E-07	1.18E-07	1.07E-07	4.87E-08	2.22E-08	1.94E-09	4.70E-08	1.04E-08	1.60E-08	2.53E-08	4.47E-09	1.17E-08	1.17E-07
837	490686.72	3860635.12	1.68E-04	1.94E-04	8.87E-05	5.82E-08	1.76E-07	1.02E-07	1.18E-07	1.07E-07	4.86E-08	2.22E-08	1.94E-09	4.70E-08	1.04E-08	1.60E-08	2.53E-08	4.46E-09	1.17E-08	1.17E-07
838	490736.72	3860635.12	1.68E-04	1.94E-04	8.85E-05	5.81E-08	1.75E-07	1.02E-07	1.17E-07	1.06E-07	4.85E-08	2.22E-08	1.94E-09	4.69E-08	1.03E-08	1.59E-08	2.53E-08	4.45E-09	1.16E-08	1.16E-07
839	490786.72	3860635.12	1.67E-04	1.93E-04	8.83E-05	5.80E-08	1.75E-07	1.01E-07	1.17E-07	1.06E-07	4.84E-08	2.21E-08	1.94E-09	4.68E-08	1.03E-08	1.59E-08	2.52E-08	4.45E-09	1.16E-08	1.16E-07
840	490136.72	3860685.12	1.59E-04	1.83E-04	8.39E-05	5.50E-08	1.66E-07	9.61E-08	1.11E-07	1.01E-07	4.59E-08	2.10E-08	1.84E-09	4.44E-08	9.79E-09	1.51E-08	2.39E-08	4.22E-09	1.10E-08	1.10E-07

841	490186.72	3860685.12	1.60E-04	1.85E-04	8.46E-05	5.54E-08	1.67E-07	9.69E-08	1.12E-07	1.01E-07	4.63E-08	2.12E-08	1.85E-09	4.47E-08	9.87E-09	1.52E-08	2.41E-08	4.25E-09	1.11E-08	1.11E-07
842	490236.72	3860685.12	1.60E-04	1.85E-04	8.44E-05	5.54E-08	1.67E-07	9.68E-08	1.12E-07	1.01E-07	4.63E-08	2.12E-08	1.85E-09	4.47E-08	9.86E-09	1.52E-08	2.41E-08	4.24E-09	1.11E-08	1.11E-07
843	490286.72	3860685.12	1.59E-04	1.84E-04	8.43E-05	5.53E-08	1.67E-07	9.66E-08	1.12E-07	1.01E-07	4.62E-08	2.11E-08	1.85E-09	4.46E-08	9.84E-09	1.52E-08	2.40E-08	4.24E-09	1.11E-08	1.11E-07
844	490336.72	3860685.12	1.61E-04	1.86E-04	8.48E-05	5.57E-08	1.68E-07	9.73E-08	1.12E-07	1.02E-07	4.65E-08	2.13E-08	1.86E-09	4.49E-08	9.91E-09	1.53E-08	2.42E-08	4.27E-09	1.12E-08	1.12E-07
845	490386.72	3860685.12	1.61E-04	1.86E-04	8.52E-05	5.59E-08	1.69E-07	9.78E-08	1.13E-07	1.02E-07	4.67E-08	2.14E-08	1.87E-09	4.51E-08	9.96E-09	1.53E-08	2.43E-08	4.29E-09	1.12E-08	1.12E-07
846	490436.72	3860685.12	1.62E-04	1.87E-04	8.56E-05	5.62E-08	1.70E-07	9.82E-08	1.13E-07	1.03E-07	4.69E-08	2.14E-08	1.88E-09	4.53E-08	1.00E-08	1.54E-08	2.44E-08	4.31E-09	1.13E-08	1.13E-07
847	490486.72	3860685.12	1.63E-04	1.88E-04	8.58E-05	5.64E-08	1.70E-07	9.85E-08	1.14E-07	1.03E-07	4.71E-08	2.15E-08	1.88E-09	4.55E-08	1.00E-08	1.55E-08	2.45E-08	4.32E-09	1.13E-08	1.13E-07
848	490536.72	3860685.12	1.63E-04	1.89E-04	8.62E-05	5.66E-08	1.71E-07	9.89E-08	1.14E-07	1.04E-07	4.73E-08	2.16E-08	1.89E-09	4.57E-08	1.01E-08	1.55E-08	2.46E-08	4.34E-09	1.13E-08	1.13E-07
849	490586.72	3860685.12	1.64E-04	1.89E-04	8.65E-05	5.68E-08	1.71E-07	9.93E-08	1.15E-07	1.04E-07	4.75E-08	2.17E-08	1.90E-09	4.58E-08	1.01E-08	1.56E-08	2.47E-08	4.35E-09	1.14E-08	1.14E-07
850	490636.72	3860685.12	1.64E-04	1.90E-04	8.68E-05	5.70E-08	1.72E-07	9.96E-08	1.15E-07	1.04E-07	4.76E-08	2.17E-08	1.90E-09	4.60E-08	1.01E-08	1.56E-08	2.48E-08	4.37E-09	1.14E-08	1.14E-07
851	490686.72	3860685.12	1.65E-04	1.90E-04	8.69E-05	5.71E-08	1.72E-07	9.98E-08	1.15E-07	1.05E-07	4.77E-08	2.18E-08	1.91E-09	4.60E-08	1.02E-08	1.57E-08	2.48E-08	4.38E-09	1.14E-08	1.14E-07
852	490736.72	3860685.12	1.65E-04	1.90E-04	8.69E-05	5.71E-08	1.72E-07	9.97E-08	1.15E-07	1.04E-07	4.77E-08	2.18E-08	1.91E-09	4.60E-08	1.02E-08	1.56E-08	2.48E-08	4.37E-09	1.14E-08	1.14E-07
853	490786.72	3860685.12	1.65E-04	1.90E-04	8.69E-05	5.71E-08	1.72E-07	9.97E-08	1.15E-07	1.04E-07	4.77E-08	2.18E-08	1.91E-09	4.60E-08	1.02E-08	1.56E-08	2.48E-08	4.38E-09	1.14E-08	1.14E-07
854	490136.72	3860735.12	1.54E-04	1.78E-04	8.14E-05	5.34E-08	1.61E-07	9.33E-08	1.08E-07	9.77E-08	4.46E-08	2.04E-08	1.78E-09	4.31E-08	9.50E-09	1.46E-08	2.32E-08	4.09E-09	1.07E-08	1.07E-07
855	490186.72	3860735.12	1.54E-04	1.78E-04	8.15E-05	5.35E-08	1.61E-07	9.35E-08	1.08E-07	9.79E-08	4.47E-08	2.04E-08	1.79E-09	4.31E-08	9.52E-09	1.47E-08	2.33E-08	4.10E-09	1.07E-08	1.07E-07
856	490236.72	3860735.12	1.55E-04	1.79E-04	8.18E-05	5.37E-08	1.62E-07	9.38E-08	1.08E-07	9.82E-08	4.48E-08	2.05E-08	1.79E-09	4.33E-08	9.55E-09	1.47E-08	2.33E-08	4.11E-09	1.08E-08	1.08E-07
857	490286.72	3860735.12	1.56E-04	1.80E-04	8.21E-05	5.39E-08	1.63E-07	9.42E-08	1.09E-07	9.87E-08	4.50E-08	2.06E-08	1.80E-09	4.35E-08	9.59E-09	1.48E-08	2.34E-08	4.13E-09	1.08E-08	1.08E-07
858	490336.72	3860735.12	1.56E-04	1.81E-04	8.25E-05	5.42E-08	1.64E-07	9.47E-08	1.09E-07	9.91E-08	4.52E-08	2.07E-08	1.81E-09	4.37E-08	9.64E-09	1.48E-08	2.36E-08	4.15E-09	1.08E-08	1.09E-07
859	490386.72	3860735.12	1.57E-04	1.82E-04	8.30E-05	5.45E-08	1.64E-07	9.52E-08	1.10E-07	9.97E-08	4.55E-08	2.08E-08	1.82E-09	4.39E-08	9.70E-09	1.49E-08	2.37E-08	4.18E-09	1.09E-08	1.09E-07
860	490436.72	3860735.12	1.58E-04	1.83E-04	8.36E-05	5.49E-08	1.66E-07	9.60E-08	1.11E-07	1.01E-07	4.59E-08	2.10E-08	1.83E-09	4.43E-08	9.78E-09	1.51E-08	2.39E-08	4.21E-09	1.10E-08	1.10E-07
861	490486.72	3860735.12	1.59E-04	1.84E-04	8.39E-05	5.51E-08	1.66E-07	9.63E-08	1.11E-07	1.01E-07	4.60E-08	2.10E-08	1.84E-09	4.44E-08	9.81E-09	1.51E-08	2.40E-08	4.22E-09	1.10E-08	1.10E-07
862	490536.72	3860735.12	1.59E-04	1.84E-04	8.40E-05	5.52E-08	1.67E-07	9.64E-08	1.11E-07	1.01E-07	4.61E-08	2.10E-08	1.84E-09	4.45E-08	9.82E-09	1.51E-08	2.40E-08	4.23E-09	1.10E-08	1.11E-07
863	490586.72	3860735.12	1.60E-04	1.85E-04	8.43E-05	5.54E-08	1.67E-07	9.68E-08	1.12E-07	1.01E-07	4.63E-08	2.11E-08	1.85E-09	4.47E-08	9.85E-09	1.52E-08	2.41E-08	4.25E-09	1.11E-08	1.11E-07
864	490636.72	3860735.12	1.60E-04	1.85E-04	8.46E-05	5.56E-08	1.68E-07	9.71E-08	1.12E-07	1.02E-07	4.64E-08	2.12E-08	1.86E-09	4.48E-08	9.89E-09	1.52E-08	2.42E-08	4.26E-09	1.11E-08	1.11E-07
865	490686.72	3860735.12	1.61E-04	1.86E-04	8.49E-05	5.58E-08	1.68E-07	9.75E-08	1.13E-07	1.02E-07	4.66E-08	2.13E-08	1.86E-09	4.50E-08	9.93E-09	1.53E-08	2.43E-08	4.28E-09	1.12E-08	1.12E-07
866	490736.72	3860735.12	1.61E-04	1.87E-04	8.51E-05	5.59E-08	1.69E-07	9.78E-08	1.13E-07	1.02E-07	4.67E-08	2.13E-08	1.87E-09	4.51E-08	9.96E-09	1.53E-08	2.43E-08	4.29E-09	1.12E-08	1.12E-07
867	490136.72	3860785.12	1.50E-04	1.73E-04	7.92E-05	5.20E-08	1.57E-07	9.09E-08	1.05E-07	9.52E-08	4.34E-08	1.98E-08	1.74E-09	4.19E-08	9.25E-09	1.43E-08	2.26E-08	3.99E-09	1.04E-08	1.04E-07
868	490186.72	3860785.12	1.50E-04	1.74E-04	7.94E-05	5.21E-08	1.57E-07	9.11E-08	1.05E-07	9.54E-08	4.35E-08	1.99E-08	1.74E-09	4.20E-08	9.28E-09	1.43E-08	2.27E-08	4.00E-09	1.04E-08	1.04E-07
869	490236.72	3860785.12	1.51E-04	1.74E-04	7.96E-05	5.23E-08	1.58E-07	9.14E-08	1.06E-07	9.57E-08	4.37E-08	2.00E-08	1.75E-09	4.22E-08	9.30E-09	1.43E-08	2.27E-08	4.01E-09	1.05E-08	1.05E-07
870	490286.72	3860785.12	1.51E-04	1.75E-04	7.99E-05	5.25E-08	1.58E-07	9.17E-08	1.06E-07	9.61E-08	4.38E-08	2.00E-08	1.75E-09	4.23E-08	9.34E-09	1.44E-08	2.28E-08	4.02E-09	1.05E-08	1.05E-07
871	490336.72	3860785.12	1.52E-04	1.76E-04	8.03E-05	5.27E-08	1.59E-07	9.21E-08	1.06E-07	9.65E-08	4.40E-08	2.01E-08	1.76E-09	4.25E-08	9.38E-09	1.45E-08	2.29E-08	4.04E-09	1.06E-08	1.06E-07
872	490386.72	3860785.12	1.53E-04	1.77E-04	8.08E-05	5.31E-08	1.60E-07	9.28E-08	1.07E-07	9.72E-08	4.43E-08	2.02E-08	1.77E-09	4.28E-08	9.45E-09	1.46E-08	2.31E-08	4.07E-09	1.06E-08	1.06E-07
873	490436.72	3860785.12	1.54E-04	1.78E-04	8.12E-05	5.33E-08	1.61E-07	9.32E-08	1.08E-07	9.77E-08	4.46E-08	2.03E-08	1.78E-09	4.30E-08	9.49E-09	1.46E-08	2.32E-08	4.09E-09	1.07E-08	1.07E-07
874	490486.72	3860785.12	1.55E-04	1.79E-04	8.17E-05	5.37E-08	1.62E-07	9.39E-08	1.08E-07	9.83E-08	4.49E-08	2.05E-08	1.79E-09	4.33E-08	9.56E-09	1.47E-08	2.34E-08	4.12E-09	1.07E-08	1.08E-07
875	490536.72	3860785.12	1.55E-04	1.80E-04	8.20E-05	5.39E-08	1.63E-07	9.42E-08	1.09E-07	9.87E-08	4.50E-08	2.05E-08	1.80E-09	4.35E-08	9.59E-09	1.48E-08	2.34E-08	4.13E-09	1.08E-08	1.08E-07
876	490586.72	3860785.12	1.56E-04	1.80E-04	8.21E-05	5.40E-08	1.63E-07	9.44E-08	1.09E-07	9.89E-08	4.51E-08	2.06E-08	1.80E-09	4.35E-08	9.61E-09	1.48E-08	2.35E-08	4.14E-09	1.08E-08	1.08E-07
877	490636.72	3860785.12	1.56E-04	1.81E-04	8.24E-05	5.42E-08	1.64E-07	9.47E-08	1.09E-07	9.92E-08	4.53E-08	2.07E-08	1.81E-09	4.37E-08	9.64E-09	1.49E-08	2.36E-08	4.15E-09	1.08E-08	1.09E-07
878	490686.72	3860785.12	1.57E-04	1.81E-04	8.28E-05	5.44E-08	1.64E-07	9.51E-08	1.10E-07	9.96E-08	4.55E-08	2.07E-08	1.82E-09	4.39E-08	9.68E-09	1.49E-08	2.37E-08	4.17E-09	1.09E-08	1.09E-07
879	490736.72	3860785.12	1.58E-04	1.82E-04	8.31E-05	5.46E-08	1.65E-07	9.55E-08	1.10E-07	1.00E-07	4.57E-08	2.08E-08	1.82E-09	4.41E-08	9.72E-09	1.50E-08	2.38E-08	4.19E-09	1.09E-08	1.09E-07
880	490086.72	3860835.12	1.46E-04	1.69E-04	7.72E-05	5.07E-08	1.53E-07	8.86E-08	1.02E-07	9.28E-08	4.24E-08	1.93E-08	1.69E-09	4.09E-08	9.02E-09	1.39E-08	2.21E-08	3.89E-09	1.02E-08	1.02E-07
881	490136.72	3860835.12	1.47E-04	1.70E-04	7.74E-05	5.08E-08	1.54E-07	8.89E-08	1.03E-07	9.31E-08	4.25E-08	1.94E-08	1.70E-09	4.10E-08	9.05E-09	1.39E-08	2.21E-08	3.90E-09	1.02E-08	1.02E-07
882	490186.72	3860835.12	1.47E-04	1.70E-04	7.75E-05	5.09E-08	1.54E-07	8.90E-08	1.03E-07	9.32E-08	4.25E-08	1.94E-08	1.70E-09	4.11E-08	9.06E-09	1.40E-08	2.21E-08	3.90E-09	1.02E-08	1.02E-07
883	490236.72	3860835.12	1.47E-04	1.70E-04	7.77E-05	5.10E-08	1.54E-07	8.92E-08	1.03E-07	9.34E-08	4.26E-08	1.95E-08	1.70E-09	4.11E-08	9.08E-09	1.40E-08	2.22E-08	3.91E-09	1.02E-08	1.02E-07
884	490286.72	3860835.12	1.48E-04	1.71E-04	7.79E-05	5.12E-08	1.55E-07	8.95E-08	1.03E-07	9.38E-08	4.28E-08	1.95E-08	1.71E-09	4.13E-08	9.11E-09	1.40E-08	2.23E-08	3.93E-09	1.02E-08	1.03E-07
885	490336.72	3860835.12	1.48E-04	1.71E-04	7.82E-05	5.14E-08	1.55E-07	8.98E-08	1.04E-07	9.41E-08	4.29E-08	1.96E-08	1.72E-09	4.14E-08	9.14E-09	1.41E-08	2.24E-08	3.94E-09	1.03E-08	1.03E-07
886	490386.72	3860835.12	1.49E-04	1.72E-04	7.85E-05	5.16E-08	1.56E-07	9.02E-08	1.04E-07	9.45E-08	4.31E-08	1.97E-08	1.72E-09	4.16E-08	9.18E-09	1.42E-08	2.24E-08	3.96E-09	1.03E-08	1.03E-07
887	490436.72	3860835.12	1.50E-04	1.73E-04	7.90E-05	5.19E-08	1.57E-07	9.08E-08	1.05E-07	9.51E-08	4.34E-08	1.98E-08	1.73E-09	4.19E-08	9.24E-09	1.42E-08	2.26E-08	3.98E-09	1.04E-08	1.04E-07
888	490486.72	3860835.12	1.51E-04	1.74E-04	7.95E-05	5.22E-08	1.58E-07	9.13E-08	1.06E-07	9.56E-08	4.36E-08	1.99E-08	1.74E-09	4.21E-08	9.30E-09	1.43E-08	2.27E-08	4.00E-09	1.04E-08	1.05E-07
889	490536.72	3860835.12	1.51E-04	1.75E-04	7.98E-05	5.25E-08	1.58E-07	9.17E-08	1.06E-07	9.61E-08	4.39E-08	2.00E-08	1.75E-09	4.23E-08	9.34E-09	1.44E-08	2.28E-08	4.03E-09	1.05E-08	1.05E-07
890	490586.72	3860835.12	1.52E-04	1.76E-04	8.01E-05	5.27E-08	1.59E-07	9.21E-08	1.06E-07	9.65E-08	4.40E-08	2.01E-08	1.76E-09	4.25E-08	9.38E-09	1.45E-08	2.29E-08	4.04E-09	1.05E-08	1.06E-07
891	490636.72	3860835.12	1.53E-04	1.76E-04	8.04E-05	5.29E-08	1.60E-07	9.24E-08	1.07E-07	9.68E-08	4.42E-08	2.01E-08	1.77E-09	4.26E-08	9.41E-09	1.45E-08	2.30E-08	4.06E-09	1.06E-08	1.06E-07
892	490686.72	3860835.12	1.53E-04	1.77E-04	8.08E-05	5.31E-08	1.60E-07	9.28E-08	1.07E-07	9.73E-08	4.44E-08	2.02E-08	1.77E-09	4.28E-08	9.45E-09	1.46E-08	2.31E-08	4.07E-09	1.06E-08	1.06E-07
893	490736.72	3860835.12	1.54E-04	1.78E-04	8.12E-05	5.34E-08	1.61E-07	9.33E-08	1.08E-07	9.78E-08	4.46E-08	2.03E-08	1.78E-09	4.31E-08	9.50E-09	1.46E-08	2.32E-08	4.09E-09	1.07E-08	1.07E-07

894	490086.72	3860885.12	1.43E-04	1.66E-04	7.56E-05	4.97E-08	1.50E-07	8.68E-08	1.00E-07	9.10E-08	4.15E-08	1.89E-08	1.66E-09	4.01E-08	8.84E-09	1.36E-08	2.16E-08	3.81E-09	9.94E-09	9.96E-08
895	490136.72	3860885.12	1.43E-04	1.66E-04	7.57E-05	4.97E-08	1.50E-07	8.69E-08	1.00E-07	9.11E-08	4.15E-08	1.90E-08	1.66E-09	4.01E-08	8.85E-09	1.36E-08	2.16E-08	3.81E-09	9.95E-09	9.97E-08
896	490186.72	3860885.12	1.44E-04	1.66E-04	7.58E-05	4.98E-08	1.50E-07	8.70E-08	1.01E-07	9.12E-08	4.16E-08	1.90E-08	1.66E-09	4.02E-08	8.86E-09	1.37E-08	2.17E-08	3.82E-09	9.96E-09	9.98E-08
897	490236.72	3860885.12	1.44E-04	1.66E-04	7.59E-05	4.99E-08	1.51E-07	8.72E-08	1.01E-07	9.13E-08	4.17E-08	1.90E-08	1.67E-09	4.02E-08	8.88E-09	1.37E-08	2.17E-08	3.82E-09	9.98E-09	9.99E-08
898	490286.72	3860885.12	1.44E-04	1.67E-04	7.61E-05	5.00E-08	1.51E-07	8.74E-08	1.01E-07	9.16E-08	4.18E-08	1.91E-08	1.67E-09	4.03E-08	8.90E-09	1.37E-08	2.18E-08	3.83E-09	1.00E-08	1.00E-07
899	490336.72	3860885.12	1.45E-04	1.67E-04	7.62E-05	5.01E-08	1.51E-07	8.76E-08	1.01E-07	9.18E-08	4.19E-08	1.91E-08	1.67E-09	4.04E-08	8.92E-09	1.37E-08	2.18E-08	3.84E-09	1.00E-08	1.00E-07
900	490386.72	3860885.12	1.45E-04	1.68E-04	7.66E-05	5.04E-08	1.52E-07	8.80E-08	1.02E-07	9.22E-08	4.21E-08	1.92E-08	1.68E-09	4.06E-08	8.96E-09	1.38E-08	2.19E-08	3.86E-09	1.01E-08	1.01E-07
901	490436.72	3860885.12	1.46E-04	1.69E-04	7.70E-05	5.06E-08	1.53E-07	8.85E-08	1.02E-07	9.27E-08	4.23E-08	1.93E-08	1.69E-09	4.08E-08	9.01E-09	1.39E-08	2.20E-08	3.88E-09	1.01E-08	1.01E-07
902	490486.72	3860885.12	1.47E-04	1.70E-04	7.74E-05	5.09E-08	1.54E-07	8.89E-08	1.03E-07	9.32E-08	4.25E-08	1.94E-08	1.70E-09	4.10E-08	9.06E-09	1.40E-08	2.21E-08	3.90E-09	1.02E-08	1.02E-07
903	490536.72	3860885.12	1.48E-04	1.71E-04	7.78E-05	5.11E-08	1.54E-07	8.94E-08	1.03E-07	9.37E-08	4.27E-08	1.95E-08	1.71E-09	4.12E-08	9.10E-09	1.40E-08	2.23E-08	3.92E-09	1.02E-08	1.02E-07
904	490586.72	3860885.12	1.48E-04	1.71E-04	7.81E-05	5.14E-08	1.55E-07	8.98E-08	1.04E-07	9.41E-08	4.29E-08	1.96E-08	1.72E-09	4.14E-08	9.14E-09	1.41E-08	2.24E-08	3.94E-09	1.03E-08	1.03E-07
905	490636.72	3860885.12	1.49E-04	1.72E-04	7.84E-05	5.16E-08	1.56E-07	9.01E-08	1.04E-07	9.45E-08	4.31E-08	1.96E-08	1.72E-09	4.16E-08	9.18E-09	1.41E-08	2.24E-08	3.96E-09	1.03E-08	1.03E-07
906	490686.72	3860885.12	1.50E-04	1.73E-04	7.88E-05	5.18E-08	1.56E-07	9.06E-08	1.05E-07	9.49E-08	4.33E-08	1.97E-08	1.73E-09	4.18E-08	9.22E-09	1.42E-08	2.25E-08	3.97E-09	1.04E-08	1.04E-07
907	490736.72	3860885.12	1.50E-04	1.74E-04	7.91E-05	5.20E-08	1.57E-07	9.10E-08	1.05E-07	9.53E-08	4.35E-08	1.98E-08	1.74E-09	4.20E-08	9.26E-09	1.43E-08	2.26E-08	3.99E-09	1.04E-08	1.04E-07
908	490086.72	3860935.12	1.40E-04	1.62E-04	7.39E-05	4.86E-08	1.47E-07	8.50E-08	9.82E-08	8.90E-08	4.06E-08	1.85E-08	1.62E-09	3.92E-08	8.65E-09	1.33E-08	2.12E-08	3.73E-09	9.72E-09	9.74E-08
909	490136.72	3860935.12	1.40E-04	1.62E-04	7.39E-05	4.86E-08	1.47E-07	8.50E-08	9.82E-08	8.90E-08	4.06E-08	1.85E-08	1.62E-09	3.92E-08	8.65E-09	1.33E-08	2.11E-08	3.73E-09	9.72E-09	9.74E-08
910	490186.72	3860935.12	1.40E-04	1.62E-04	7.40E-05	4.87E-08	1.47E-07	8.51E-08	9.83E-08	8.92E-08	4.07E-08	1.86E-08	1.63E-09	3.93E-08	8.66E-09	1.34E-08	2.12E-08	3.73E-09	9.74E-09	9.76E-08
911	490236.72	3860935.12	1.41E-04	1.63E-04	7.42E-05	4.88E-08	1.47E-07	8.52E-08	9.85E-08	8.93E-08	4.08E-08	1.86E-08	1.63E-09	3.93E-08	8.68E-09	1.34E-08	2.12E-08	3.74E-09	9.75E-09	9.77E-08
912	490286.72	3860935.12	1.41E-04	1.63E-04	7.43E-05	4.89E-08	1.48E-07	8.54E-08	9.88E-08	8.95E-08	4.08E-08	1.86E-08	1.63E-09	3.94E-08	8.70E-09	1.34E-08	2.13E-08	3.75E-09	9.78E-09	9.80E-08
913	490336.72	3860935.12	1.41E-04	1.63E-04	7.45E-05	4.90E-08	1.48E-07	8.56E-08	9.90E-08	8.97E-08	4.09E-08	1.87E-08	1.64E-09	3.95E-08	8.72E-09	1.34E-08	2.13E-08	3.76E-09	9.80E-09	9.82E-08
914	490386.72	3860935.12	1.42E-04	1.64E-04	7.48E-05	4.92E-08	1.49E-07	8.60E-08	9.94E-08	9.01E-08	4.11E-08	1.87E-08	1.64E-09	3.97E-08	8.75E-09	1.35E-08	2.14E-08	3.77E-09	9.83E-09	9.86E-08
915	490436.72	3860935.12	1.43E-04	1.65E-04	7.51E-05	4.94E-08	1.49E-07	8.64E-08	9.98E-08	9.05E-08	4.13E-08	1.88E-08	1.65E-09	3.99E-08	8.79E-09	1.36E-08	2.15E-08	3.79E-09	9.88E-09	9.90E-08
916	490486.72	3860935.12	1.43E-04	1.66E-04	7.54E-05	4.96E-08	1.50E-07	8.67E-08	1.00E-07	9.09E-08	4.15E-08	1.89E-08	1.66E-09	4.00E-08	8.83E-09	1.36E-08	2.16E-08	3.81E-09	9.92E-09	9.94E-08
917	490536.72	3860935.12	1.44E-04	1.66E-04	7.58E-05	4.99E-08	1.51E-07	8.72E-08	1.01E-07	9.13E-08	4.17E-08	1.90E-08	1.67E-09	4.02E-08	8.88E-09	1.37E-08	2.17E-08	3.83E-09	9.97E-09	1.00E-07
918	490586.72	3860935.12	1.45E-04	1.67E-04	7.61E-05	5.01E-08	1.51E-07	8.76E-08	1.01E-07	9.18E-08	4.19E-08	1.91E-08	1.67E-09	4.04E-08	8.92E-09	1.37E-08	2.18E-08	3.84E-09	1.00E-08	1.00E-07
919	490636.72	3860935.12	1.45E-04	1.68E-04	7.65E-05	5.03E-08	1.52E-07	8.79E-08	1.02E-07	9.22E-08	4.21E-08	1.92E-08	1.68E-09	4.06E-08	8.96E-09	1.38E-08	2.19E-08	3.86E-09	1.01E-08	1.01E-07
920	490686.72	3860935.12	1.46E-04	1.69E-04	7.68E-05	5.06E-08	1.53E-07	8.84E-08	1.02E-07	9.26E-08	4.23E-08	1.92E-08	1.69E-09	4.08E-08	9.00E-09	1.39E-08	2.20E-08	3.88E-09	1.01E-08	1.01E-07
921	490736.72	3860935.12	1.47E-04	1.69E-04	7.72E-05	5.08E-08	1.53E-07	8.88E-08	1.03E-07	9.30E-08	4.24E-08	1.93E-08	1.70E-09	4.10E-08	9.04E-09	1.39E-08	2.21E-08	3.89E-09	1.01E-08	1.02E-07
922	490786.72	3860935.12	1.47E-04	1.70E-04	7.75E-05	5.10E-08	1.54E-07	8.92E-08	1.03E-07	9.34E-08	4.26E-08	1.94E-08	1.70E-09	4.11E-08	9.08E-09	1.40E-08	2.22E-08	3.91E-09	1.02E-08	1.02E-07
923	490836.72	3860935.12	1.48E-04	1.71E-04	7.79E-05	5.13E-08	1.55E-07	8.96E-08	1.04E-07	9.39E-08	4.28E-08	1.95E-08	1.71E-09	4.13E-08	9.12E-09	1.41E-08	2.23E-08	3.93E-09	1.02E-08	1.03E-07
924	490086.72	3860985.12	1.38E-04	1.59E-04	7.25E-05	4.77E-08	1.44E-07	8.33E-08	9.63E-08	8.73E-08	3.98E-08	1.82E-08	1.59E-09	3.84E-08	8.48E-09	1.31E-08	2.07E-08	3.66E-09	9.53E-09	9.55E-08
925	490136.72	3860985.12	1.38E-04	1.59E-04	7.25E-05	4.77E-08	1.44E-07	8.33E-08	9.63E-08	8.73E-08	3.98E-08	1.82E-08	1.59E-09	3.85E-08	8.49E-09	1.31E-08	2.08E-08	3.66E-09	9.53E-09	9.56E-08
926	490186.72	3860985.12	1.38E-04	1.59E-04	7.26E-05	4.77E-08	1.44E-07	8.35E-08	9.65E-08	8.75E-08	3.99E-08	1.82E-08	1.59E-09	3.85E-08	8.50E-09	1.31E-08	2.08E-08	3.66E-09	9.55E-09	9.57E-08
927	490236.72	3860985.12	1.38E-04	1.59E-04	7.26E-05	4.77E-08	1.44E-07	8.35E-08	9.65E-08	8.75E-08	3.99E-08	1.82E-08	1.59E-09	3.85E-08	8.50E-09	1.31E-08	2.08E-08	3.66E-09	9.55E-09	9.57E-08
928	490286.72	3860985.12	1.38E-04	1.59E-04	7.27E-05	4.78E-08	1.44E-07	8.35E-08	9.66E-08	8.75E-08	3.99E-08	1.82E-08	1.60E-09	3.86E-08	8.51E-09	1.31E-08	2.08E-08	3.67E-09	9.56E-09	9.58E-08
929	490336.72	3860985.12	1.38E-04	1.60E-04	7.28E-05	4.79E-08	1.45E-07	8.37E-08	9.68E-08	8.77E-08	4.00E-08	1.82E-08	1.60E-09	3.86E-08	8.53E-09	1.31E-08	2.08E-08	3.67E-09	9.58E-09	9.60E-08
930	490386.72	3860985.12	1.39E-04	1.60E-04	7.30E-05	4.81E-08	1.45E-07	8.40E-08	9.71E-08	8.80E-08	4.02E-08	1.83E-08	1.60E-09	3.88E-08	8.55E-09	1.32E-08	2.09E-08	3.69E-09	9.61E-09	9.63E-08
931	490436.72	3860985.12	1.39E-04	1.61E-04	7.34E-05	4.83E-08	1.46E-07	8.44E-08	9.76E-08	8.84E-08	4.03E-08	1.84E-08	1.61E-09	3.89E-08	8.59E-09	1.32E-08	2.10E-08	3.70E-09	9.65E-09	9.68E-08
932	490486.72	3860985.12	1.40E-04	1.62E-04	7.36E-05	4.85E-08	1.46E-07	8.47E-08	9.79E-08	8.88E-08	4.05E-08	1.85E-08	1.62E-09	3.91E-08	8.62E-09	1.33E-08	2.11E-08	3.72E-09	9.68E-09	9.71E-08
933	490536.72	3860985.12	1.40E-04	1.62E-04	7.39E-05	4.86E-08	1.47E-07	8.50E-08	9.83E-08	8.91E-08	4.07E-08	1.85E-08	1.62E-09	3.92E-08	8.66E-09	1.33E-08	2.12E-08	3.73E-09	9.72E-09	9.75E-08
934	490586.72	3860985.12	1.41E-04	1.63E-04	7.42E-05	4.89E-08	1.48E-07	8.54E-08	9.87E-08	8.95E-08	4.08E-08	1.86E-08	1.63E-09	3.94E-08	8.70E-09	1.34E-08	2.13E-08	3.75E-09	9.76E-09	9.79E-08
935	490636.72	3860985.12	1.42E-04	1.64E-04	7.46E-05	4.91E-08	1.48E-07	8.58E-08	9.92E-08	9.00E-08	4.10E-08	1.87E-08	1.64E-09	3.96E-08	8.74E-09	1.35E-08	2.14E-08	3.77E-09	9.81E-09	9.84E-08
936	490686.72	3860985.12	1.42E-04	1.65E-04	7.49E-05	4.93E-08	1.49E-07	8.62E-08	9.97E-08	9.04E-08	4.12E-08	1.88E-08	1.65E-09	3.98E-08	8.78E-09	1.35E-08	2.15E-08	3.78E-09	9.86E-09	9.89E-08
937	490736.72	3860985.12	1.43E-04	1.65E-04	7.53E-05	4.95E-08	1.50E-07	8.66E-08	1.00E-07	9.08E-08	4.14E-08	1.89E-08	1.65E-09	4.00E-08	8.82E-09	1.36E-08	2.16E-08	3.80E-09	9.90E-09	9.93E-08
938	490786.72	3860985.12	1.44E-04	1.66E-04	7.56E-05	4.98E-08	1.50E-07	8.71E-08	1.01E-07	9.12E-08	4.16E-08	1.90E-08	1.66E-09	4.02E-08	8.86E-09	1.37E-08	2.17E-08	3.82E-09	9.95E-09	9.98E-08
939	490836.72	3860985.12	1.44E-04	1.67E-04	7.60E-05	5.01E-08	1.51E-07	8.75E-08	1.01E-07	9.17E-08	4.18E-08	1.90E-08	1.67E-09	4.04E-08	8.91E-09	1.37E-08	2.18E-08	3.84E-09	1.00E-08	1.00E-07
940	490086.72	3861035.12	1.35E-04	1.56E-04	7.10E-05	4.67E-08	1.41E-07	8.17E-08	9.44E-08	8.56E-08	3.91E-08	1.78E-08	1.56E-09	3.77E-08	8.32E-09	1.28E-08	2.03E-08	3.58E-09	9.34E-09	9.37E-08
941	490136.72	3861035.12	1.35E-04	1.56E-04	7.11E-05	4.68E-08	1.41E-07	8.17E-08	9.45E-08	8.57E-08	3.91E-08	1.78E-08	1.56E-09	3.77E-08	8.32E-09	1.28E-08	2.04E-08	3.59E-09	9.34E-09	9.37E-08
942	490186.72	3861035.12	1.35E-04	1.56E-04	7.11E-05	4.68E-08	1.41E-07	8.18E-08	9.45E-08	8.57E-08	3.91E-08	1.78E-08	1.56E-09	3.77E-08	8.33E-09	1.28E-08	2.04E-08	3.59E-09	9.35E-09	9.38E-08
943	490236.72	3861035.12	1.35E-04	1.56E-04	7.12E-05	4.68E-08	1.41E-07	8.18E-08	9.46E-08	8.58E-08	3.91E-08	1.78E-08	1.56E-09	3.78E-08	8.33E-09	1.28E-08	2.04E-08	3.59E-09	9.36E-09	9.38E-08
944	490286.72	3861035.12	1.35E-04	1.56E-04	7.12E-05	4.68E-08	1.41E-07	8.18E-08	9.46E-08	8.58E-08	3.91E-08	1.78E-08	1.56E-09	3.78E-08	8.33E-09	1.28E-08	2.04E-08	3.59E-09	9.36E-09	9.38E-08
945	490336.72	3861035.12	1.35E-04	1.56E-04	7.12E-05	4.69E-08	1.42E-07	8.19E-08	9.47E-08	8.59E-08	3.92E-08	1.78E-08	1.57E-09	3.78E-08	8.34E-09	1.29E-08	2.04E-08	3.60E-09	9.37E-09	9.39E-08
946	490386.72	3861035.12	1.36E-04	1.57E-04	7.15E-05	4.70E-08	1.42E-07	8.22E-08	9.50E-08	8.61E-08	3.93E-08	1.79E-08	1.57E-09	3.79E-08	8.37E-09	1.29E-08	2.05E-08	3.61E-09	9.40E-09	9.42E-08

947	490436.72	3861035.12	1.36E-04	1.57E-04	7.17E-05	4.72E-08	1.43E-07	8.25E-08	9.54E-08	8.65E-08	3.95E-08	1.80E-08	1.58E-09	3.81E-08	8.40E-09	1.30E-08	2.05E-08	3.62E-09	9.43E-09	9.46E-08
948	490486.72	3861035.12	1.37E-04	1.58E-04	7.20E-05	4.74E-08	1.43E-07	8.28E-08	9.57E-08	8.68E-08	3.96E-08	1.80E-08	1.58E-09	3.82E-08	8.43E-09	1.30E-08	2.06E-08	3.63E-09	9.47E-09	9.50E-08
949	490536.72	3861035.12	1.37E-04	1.59E-04	7.22E-05	4.75E-08	1.44E-07	8.31E-08	9.60E-08	8.71E-08	3.97E-08	1.81E-08	1.59E-09	3.83E-08	8.46E-09	1.30E-08	2.07E-08	3.65E-09	9.50E-09	9.53E-08
950	490586.72	3861035.12	1.38E-04	1.59E-04	7.25E-05	4.77E-08	1.44E-07	8.34E-08	9.64E-08	8.74E-08	3.99E-08	1.82E-08	1.59E-09	3.85E-08	8.49E-09	1.31E-08	2.08E-08	3.66E-09	9.53E-09	9.56E-08
951	490636.72	3861035.12	1.38E-04	1.60E-04	7.28E-05	4.79E-08	1.45E-07	8.38E-08	9.68E-08	8.78E-08	4.01E-08	1.82E-08	1.60E-09	3.87E-08	8.53E-09	1.31E-08	2.09E-08	3.68E-09	9.57E-09	9.60E-08
952	490686.72	3861035.12	1.39E-04	1.61E-04	7.31E-05	4.81E-08	1.45E-07	8.41E-08	9.73E-08	8.82E-08	4.02E-08	1.83E-08	1.61E-09	3.88E-08	8.57E-09	1.32E-08	2.09E-08	3.69E-09	9.61E-09	9.65E-08
953	490736.72	3861035.12	1.40E-04	1.61E-04	7.34E-05	4.84E-08	1.46E-07	8.45E-08	9.77E-08	8.86E-08	4.04E-08	1.84E-08	1.61E-09	3.90E-08	8.61E-09	1.33E-08	2.10E-08	3.71E-09	9.66E-09	9.69E-08
954	490786.72	3861035.12	1.40E-04	1.62E-04	7.38E-05	4.86E-08	1.47E-07	8.50E-08	9.82E-08	8.91E-08	4.06E-08	1.85E-08	1.62E-09	3.92E-08	8.65E-09	1.33E-08	2.12E-08	3.73E-09	9.71E-09	9.74E-08
955	490836.72	3861035.12	1.41E-04	1.63E-04	7.42E-05	4.89E-08	1.48E-07	8.54E-08	9.88E-08	8.95E-08	4.09E-08	1.86E-08	1.63E-09	3.94E-08	8.70E-09	1.34E-08	2.13E-08	3.75E-09	9.76E-09	9.80E-08
956	490086.72	3861085.12	1.32E-04	1.53E-04	6.96E-05	4.59E-08	1.38E-07	8.02E-08	9.27E-08	8.40E-08	3.83E-08	1.75E-08	1.53E-09	3.70E-08	8.16E-09	1.26E-08	2.00E-08	3.52E-09	9.16E-09	9.19E-08
957	490136.72	3861085.12	1.33E-04	1.53E-04	6.98E-05	4.59E-08	1.39E-07	8.03E-08	9.28E-08	8.41E-08	3.84E-08	1.75E-08	1.53E-09	3.70E-08	8.17E-09	1.26E-08	2.00E-08	3.52E-09	9.17E-09	9.20E-08
958	490186.72	3861085.12	1.33E-04	1.53E-04	6.99E-05	4.60E-08	1.39E-07	8.04E-08	9.30E-08	8.43E-08	3.85E-08	1.75E-08	1.54E-09	3.71E-08	8.19E-09	1.26E-08	2.00E-08	3.53E-09	9.19E-09	9.22E-08
959	490236.72	3861085.12	1.33E-04	1.53E-04	6.98E-05	4.60E-08	1.39E-07	8.04E-08	9.29E-08	8.42E-08	3.84E-08	1.75E-08	1.54E-09	3.71E-08	8.18E-09	1.26E-08	2.00E-08	3.53E-09	9.18E-09	9.21E-08
960	490286.72	3861085.12	1.33E-04	1.53E-04	6.98E-05	4.60E-08	1.39E-07	8.03E-08	9.29E-08	8.42E-08	3.84E-08	1.75E-08	1.53E-09	3.71E-08	8.18E-09	1.26E-08	2.00E-08	3.53E-09	9.18E-09	9.21E-08
961	490336.72	3861085.12	1.33E-04	1.53E-04	6.98E-05	4.60E-08	1.39E-07	8.03E-08	9.29E-08	8.42E-08	3.84E-08	1.75E-08	1.53E-09	3.71E-08	8.18E-09	1.26E-08	2.00E-08	3.53E-09	9.18E-09	9.21E-08
962	490386.72	3861085.12	1.33E-04	1.54E-04	7.00E-05	4.61E-08	1.39E-07	8.05E-08	9.31E-08	8.44E-08	3.85E-08	1.75E-08	1.54E-09	3.72E-08	8.20E-09	1.26E-08	2.01E-08	3.53E-09	9.20E-09	9.23E-08
963	490436.72	3861085.12	1.33E-04	1.54E-04	7.01E-05	4.62E-08	1.39E-07	8.07E-08	9.33E-08	8.46E-08	3.86E-08	1.76E-08	1.54E-09	3.72E-08	8.22E-09	1.27E-08	2.01E-08	3.54E-09	9.22E-09	9.25E-08
964	490486.72	3861085.12	1.34E-04	1.54E-04	7.03E-05	4.63E-08	1.40E-07	8.09E-08	9.36E-08	8.48E-08	3.87E-08	1.76E-08	1.55E-09	3.74E-08	8.24E-09	1.27E-08	2.02E-08	3.55E-09	9.25E-09	9.28E-08
965	490536.72	3861085.12	1.34E-04	1.55E-04	7.06E-05	4.65E-08	1.40E-07	8.13E-08	9.40E-08	8.52E-08	3.89E-08	1.77E-08	1.55E-09	3.75E-08	8.28E-09	1.28E-08	2.02E-08	3.57E-09	9.29E-09	9.32E-08
966	490586.72	3861085.12	1.35E-04	1.56E-04	7.08E-05	4.66E-08	1.41E-07	8.15E-08	9.42E-08	8.54E-08	3.90E-08	1.77E-08	1.56E-09	3.76E-08	8.30E-09	1.28E-08	2.03E-08	3.58E-09	9.31E-09	9.35E-08
967	490636.72	3861085.12	1.35E-04	1.56E-04	7.10E-05	4.68E-08	1.41E-07	8.18E-08	9.45E-08	8.57E-08	3.91E-08	1.78E-08	1.56E-09	3.77E-08	8.32E-09	1.28E-08	2.04E-08	3.59E-09	9.34E-09	9.37E-08
968	490686.72	3861085.12	1.36E-04	1.57E-04	7.13E-05	4.70E-08	1.42E-07	8.21E-08	9.49E-08	8.60E-08	3.93E-08	1.79E-08	1.57E-09	3.79E-08	8.36E-09	1.29E-08	2.04E-08	3.60E-09	9.38E-09	9.41E-08
969	490736.72	3861085.12	1.36E-04	1.58E-04	7.17E-05	4.72E-08	1.43E-07	8.25E-08	9.54E-08	8.65E-08	3.95E-08	1.80E-08	1.58E-09	3.81E-08	8.40E-09	1.30E-08	2.06E-08	3.62E-09	9.43E-09	9.46E-08
970	490786.72	3861085.12	1.37E-04	1.58E-04	7.20E-05	4.75E-08	1.43E-07	8.29E-08	9.59E-08	8.69E-08	3.97E-08	1.81E-08	1.58E-09	3.83E-08	8.45E-09	1.30E-08	2.07E-08	3.64E-09	9.47E-09	9.51E-08
971	490836.72	3861085.12	1.38E-04	1.59E-04	7.24E-05	4.77E-08	1.44E-07	8.34E-08	9.64E-08	8.74E-08	3.99E-08	1.81E-08	1.59E-09	3.85E-08	8.49E-09	1.31E-08	2.08E-08	3.66E-09	9.52E-09	9.56E-08
972	490086.72	3861135.12	1.30E-04	1.50E-04	6.83E-05	4.50E-08	1.36E-07	7.87E-08	9.09E-08	8.24E-08	3.76E-08	1.71E-08	1.50E-09	3.63E-08	8.01E-09	1.23E-08	1.96E-08	3.45E-09	8.98E-09	9.02E-08
973	490136.72	3861135.12	1.30E-04	1.50E-04	6.84E-05	4.51E-08	1.36E-07	7.88E-08	9.10E-08	8.25E-08	3.77E-08	1.71E-08	1.50E-09	3.63E-08	8.02E-09	1.24E-08	1.96E-08	3.46E-09	9.00E-09	9.03E-08
974	490186.72	3861135.12	1.30E-04	1.50E-04	6.85E-05	4.51E-08	1.36E-07	7.88E-08	9.12E-08	8.26E-08	3.77E-08	1.72E-08	1.51E-09	3.64E-08	8.03E-09	1.24E-08	1.96E-08	3.46E-09	9.01E-09	9.04E-08
975	490236.72	3861135.12	1.30E-04	1.51E-04	6.85E-05	4.51E-08	1.36E-07	7.89E-08	9.12E-08	8.27E-08	3.77E-08	1.72E-08	1.51E-09	3.64E-08	8.03E-09	1.24E-08	1.96E-08	3.46E-09	9.01E-09	9.05E-08
976	490286.72	3861135.12	1.30E-04	1.51E-04	6.86E-05	4.51E-08	1.36E-07	7.89E-08	9.12E-08	8.27E-08	3.77E-08	1.72E-08	1.51E-09	3.64E-08	8.03E-09	1.24E-08	1.96E-08	3.46E-09	9.01E-09	9.05E-08
977	490336.72	3861135.12	1.30E-04	1.51E-04	6.85E-05	4.51E-08	1.36E-07	7.89E-08	9.12E-08	8.27E-08	3.77E-08	1.72E-08	1.51E-09	3.64E-08	8.03E-09	1.24E-08	1.96E-08	3.46E-09	9.01E-09	9.04E-08
978	490386.72	3861135.12	1.30E-04	1.51E-04	6.86E-05	4.52E-08	1.36E-07	7.90E-08	9.13E-08	8.28E-08	3.78E-08	1.72E-08	1.51E-09	3.64E-08	8.04E-09	1.24E-08	1.97E-08	3.47E-09	9.02E-09	9.05E-08
979	490436.72	3861135.12	1.31E-04	1.51E-04	6.87E-05	4.52E-08	1.37E-07	7.91E-08	9.14E-08	8.29E-08	3.78E-08	1.72E-08	1.51E-09	3.65E-08	8.05E-09	1.24E-08	1.97E-08	3.47E-09	9.03E-09	9.06E-08
980	490486.72	3861135.12	1.31E-04	1.51E-04	6.88E-05	4.53E-08	1.37E-07	7.92E-08	9.16E-08	8.30E-08	3.79E-08	1.73E-08	1.51E-09	3.66E-08	8.07E-09	1.24E-08	1.97E-08	3.48E-09	9.05E-09	9.09E-08
981	490536.72	3861135.12	1.31E-04	1.52E-04	6.90E-05	4.55E-08	1.37E-07	7.95E-08	9.19E-08	8.33E-08	3.80E-08	1.73E-08	1.52E-09	3.67E-08	8.09E-09	1.25E-08	1.98E-08	3.49E-09	9.08E-09	9.11E-08
982	490586.72	3861135.12	1.32E-04	1.52E-04	6.92E-05	4.56E-08	1.38E-07	7.97E-08	9.21E-08	8.35E-08	3.81E-08	1.73E-08	1.52E-09	3.68E-08	8.11E-09	1.25E-08	1.98E-08	3.50E-09	9.10E-09	9.14E-08
983	490636.72	3861135.12	1.32E-04	1.53E-04	6.94E-05	4.57E-08	1.38E-07	7.99E-08	9.24E-08	8.37E-08	3.82E-08	1.74E-08	1.53E-09	3.69E-08	8.14E-09	1.25E-08	1.99E-08	3.51E-09	9.13E-09	9.16E-08
984	490686.72	3861135.12	1.32E-04	1.53E-04	6.97E-05	4.59E-08	1.39E-07	8.02E-08	9.28E-08	8.41E-08	3.84E-08	1.75E-08	1.53E-09	3.70E-08	8.17E-09	1.26E-08	2.00E-08	3.52E-09	9.16E-09	9.20E-08
985	490736.72	3861135.12	1.33E-04	1.54E-04	7.00E-05	4.61E-08	1.39E-07	8.06E-08	9.32E-08	8.45E-08	3.86E-08	1.75E-08	1.54E-09	3.72E-08	8.21E-09	1.27E-08	2.01E-08	3.54E-09	9.21E-09	9.24E-08
986	490786.72	3861135.12	1.34E-04	1.55E-04	7.04E-05	4.64E-08	1.40E-07	8.10E-08	9.37E-08	8.49E-08	3.88E-08	1.76E-08	1.55E-09	3.74E-08	8.25E-09	1.27E-08	2.02E-08	3.56E-09	9.25E-09	9.29E-08
987	490836.72	3861135.12	1.34E-04	1.55E-04	7.07E-05	4.66E-08	1.41E-07	8.15E-08	9.42E-08	8.54E-08	3.90E-08	1.77E-08	1.56E-09	3.76E-08	8.29E-09	1.28E-08	2.03E-08	3.57E-09	9.30E-09	9.34E-08
988	490086.72	3861185.12	1.27E-04	1.47E-04	6.70E-05	4.42E-08	1.33E-07	7.72E-08	8.92E-08	8.09E-08	3.69E-08	1.68E-08	1.47E-09	3.56E-08	7.86E-09	1.21E-08	1.92E-08	3.39E-09	8.81E-09	8.85E-08
989	490136.72	3861185.12	1.27E-04	1.47E-04	6.70E-05	4.42E-08	1.33E-07	7.72E-08	8.92E-08	8.09E-08	3.69E-08	1.68E-08	1.47E-09	3.56E-08	7.86E-09	1.21E-08	1.92E-08	3.39E-09	8.81E-09	8.85E-08
990	490186.72	3861185.12	1.28E-04	1.47E-04	6.71E-05	4.42E-08	1.33E-07	7.72E-08	8.93E-08	8.10E-08	3.69E-08	1.68E-08	1.48E-09	3.56E-08	7.87E-09	1.21E-08	1.92E-08	3.39E-09	8.82E-09	8.86E-08
991	490236.72	3861185.12	1.28E-04	1.48E-04	6.71E-05	4.42E-08	1.34E-07	7.73E-08	8.94E-08	8.10E-08	3.70E-08	1.68E-08	1.48E-09	3.57E-08	7.87E-09	1.21E-08	1.93E-08	3.39E-09	8.83E-09	8.86E-08
992	490286.72	3861185.12	1.28E-04	1.48E-04	6.72E-05	4.43E-08	1.34E-07	7.74E-08	8.95E-08	8.12E-08	3.70E-08	1.68E-08	1.48E-09	3.57E-08	7.88E-09	1.22E-08	1.93E-08	3.40E-09	8.84E-09	8.88E-08
993	490336.72	3861185.12	1.28E-04	1.48E-04	6.71E-05	4.42E-08	1.34E-07	7.73E-08	8.94E-08	8.10E-08	3.70E-08	1.68E-08	1.48E-09	3.57E-08	7.87E-09	1.21E-08	1.92E-08	3.39E-09	8.83E-09	8.86E-08
994	490386.72	3861185.12	1.28E-04	1.48E-04	6.72E-05	4.43E-08	1.34E-07	7.74E-08	8.95E-08	8.11E-08	3.70E-08	1.68E-08	1.48E-09	3.57E-08	7.88E-09	1.21E-08	1.93E-08	3.40E-09	8.84E-09	8.87E-08
995	490436.72	3861185.12	1.28E-04	1.48E-04	6.73E-05	4.44E-08	1.34E-07	7.75E-08	8.96E-08	8.13E-08	3.71E-08	1.69E-08	1.48E-09	3.58E-08	7.89E-09	1.22E-08	1.93E-08	3.40E-09	8.86E-09	8.89E-08
996	490486.72	3861185.12	1.28E-04	1.48E-04	6.74E-05	4.44E-08	1.34E-07	7.76E-08	8.97E-08	8.13E-08	3.71E-08	1.69E-08	1.48E-09	3.58E-08	7.90E-09	1.22E-08	1.93E-08	3.41E-09	8.87E-09	8.90E-08
997	490536.72	3861185.12	1.29E-04	1.49E-04	6.77E-05	4.46E-08	1.35E-07	7.79E-08	9.01E-08	8.17E-08	3.73E-08	1.70E-08	1.49E-09	3.60E-08	7.93E-09	1.22E-08	1.94E-08	3.42E-09	8.90E-09	8.93E-08
998	490586.72	3861185.12	1.29E-04	1.49E-04	6.78E-05	4.46E-08	1.35E-07	7.80E-08	9.02E-08	8.18E-08	3.73E-08	1.70E-08	1.49E-09	3.60E-08	7.95E-09	1.23E-08	1.94E-08	3.43E-09	8.91E-09	8.95E-08
999	490636.72	3861185.12	1.29E-04	1.49E-04	6.79E-05	4.47E-08	1.35E-07	7.81E-08	9.03E-08	8.19E-08	3.74E-08	1.70E-08	1.49E-09	3.61E-08	7.96E-09	1.23E-08	1.95E-08	3.43E-09	8.92E-09	8.96E-08

1000	490686.72	3861185.12	1.29E-04	1.50E-04	6.81E-05	4.49E-08	1.35E-07	7.84E-08	9.07E-08	8.22E-08	3.75E-08	1.71E-08	1.50E-09	3.62E-08	7.98E-09	1.23E-08	1.95E-08	3.44E-09	8.95E-09	8.99E-08
1001	490736.72	3861185.12	1.30E-04	1.50E-04	6.84E-05	4.51E-08	1.36E-07	7.88E-08	9.11E-08	8.26E-08	3.77E-08	1.71E-08	1.51E-09	3.64E-08	8.03E-09	1.24E-08	1.96E-08	3.46E-09	9.00E-09	9.04E-08
1002	490786.72	3861185.12	1.31E-04	1.51E-04	6.88E-05	4.53E-08	1.37E-07	7.92E-08	9.16E-08	8.30E-08	3.79E-08	1.72E-08	1.51E-09	3.66E-08	8.07E-09	1.24E-08	1.97E-08	3.48E-09	9.04E-09	9.08E-08
1003	490836.72	3861185.12	1.31E-04	1.52E-04	6.91E-05	4.55E-08	1.38E-07	7.96E-08	9.21E-08	8.34E-08	3.81E-08	1.73E-08	1.52E-09	3.67E-08	8.11E-09	1.25E-08	1.98E-08	3.49E-09	9.09E-09	9.13E-08
1004	490086.72	3861235.12	1.25E-04	1.45E-04	6.57E-05	4.33E-08	1.31E-07	7.57E-08	8.76E-08	7.94E-08	3.62E-08	1.65E-08	1.45E-09	3.49E-08	7.71E-09	1.19E-08	1.89E-08	3.32E-09	8.64E-09	8.68E-08
1005	490136.72	3861235.12	1.25E-04	1.45E-04	6.58E-05	4.33E-08	1.31E-07	7.58E-08	8.76E-08	7.94E-08	3.62E-08	1.65E-08	1.45E-09	3.50E-08	7.71E-09	1.19E-08	1.89E-08	3.33E-09	8.65E-09	8.69E-08
1006	490186.72	3861235.12	1.25E-04	1.45E-04	6.59E-05	4.34E-08	1.31E-07	7.59E-08	8.77E-08	7.95E-08	3.63E-08	1.65E-08	1.45E-09	3.50E-08	7.72E-09	1.19E-08	1.89E-08	3.33E-09	8.66E-09	8.70E-08
1007	490236.72	3861235.12	1.25E-04	1.45E-04	6.58E-05	4.34E-08	1.31E-07	7.58E-08	8.77E-08	7.95E-08	3.63E-08	1.65E-08	1.45E-09	3.50E-08	7.72E-09	1.19E-08	1.89E-08	3.33E-09	8.66E-09	8.69E-08
1008	490386.72	3861235.12	1.25E-04	1.45E-04	6.59E-05	4.34E-08	1.31E-07	7.59E-08	8.77E-08	7.95E-08	3.63E-08	1.65E-08	1.45E-09	3.50E-08	7.72E-09	1.19E-08	1.89E-08	3.33E-09	8.66E-09	8.70E-08
1009	490436.72	3861235.12	1.25E-04	1.45E-04	6.59E-05	4.34E-08	1.31E-07	7.59E-08	8.77E-08	7.95E-08	3.63E-08	1.65E-08	1.45E-09	3.50E-08	7.72E-09	1.19E-08	1.89E-08	3.33E-09	8.66E-09	8.70E-08
1010	490486.72	3861235.12	1.25E-04	1.45E-04	6.60E-05	4.35E-08	1.31E-07	7.60E-08	8.78E-08	7.96E-08	3.63E-08	1.65E-08	1.45E-09	3.50E-08	7.73E-09	1.19E-08	1.89E-08	3.33E-09	8.67E-09	8.71E-08
1011	490536.72	3861235.12	1.26E-04	1.46E-04	6.62E-05	4.36E-08	1.32E-07	7.63E-08	8.82E-08	8.00E-08	3.65E-08	1.66E-08	1.46E-09	3.52E-08	7.77E-09	1.20E-08	1.90E-08	3.35E-09	8.71E-09	8.75E-08
1012	490586.72	3861235.12	1.26E-04	1.46E-04	6.65E-05	4.38E-08	1.32E-07	7.66E-08	8.85E-08	8.02E-08	3.66E-08	1.67E-08	1.46E-09	3.53E-08	7.80E-09	1.20E-08	1.91E-08	3.36E-09	8.74E-09	8.78E-08
1013	490636.72	3861235.12	1.26E-04	1.46E-04	6.64E-05	4.37E-08	1.32E-07	7.65E-08	8.84E-08	8.01E-08	3.66E-08	1.66E-08	1.46E-09	3.53E-08	7.79E-09	1.20E-08	1.90E-08	3.36E-09	8.73E-09	8.77E-08
1014	490686.72	3861235.12	1.27E-04	1.46E-04	6.66E-05	4.39E-08	1.33E-07	7.67E-08	8.87E-08	8.04E-08	3.67E-08	1.67E-08	1.47E-09	3.54E-08	7.81E-09	1.20E-08	1.91E-08	3.37E-09	8.76E-09	8.79E-08
1015	490736.72	3861235.12	1.27E-04	1.47E-04	6.69E-05	4.41E-08	1.33E-07	7.71E-08	8.91E-08	8.08E-08	3.69E-08	1.68E-08	1.47E-09	3.56E-08	7.85E-09	1.21E-08	1.92E-08	3.38E-09	8.80E-09	8.84E-08
1016	490786.72	3861235.12	1.28E-04	1.48E-04	6.73E-05	4.43E-08	1.34E-07	7.75E-08	8.96E-08	8.12E-08	3.71E-08	1.69E-08	1.48E-09	3.58E-08	7.89E-09	1.22E-08	1.93E-08	3.40E-09	8.85E-09	8.88E-08
1017	490836.72	3861235.12	1.29E-04	1.49E-04	6.76E-05	4.45E-08	1.34E-07	7.78E-08	9.00E-08	8.16E-08	3.72E-08	1.69E-08	1.49E-09	3.59E-08	7.93E-09	1.22E-08	1.94E-08	3.42E-09	8.89E-09	8.92E-08
1018	490086.72	3861285.12	1.23E-04	1.42E-04	6.46E-05	4.26E-08	1.29E-07	7.44E-08	8.60E-08	7.80E-08	3.56E-08	1.62E-08	1.42E-09	3.43E-08	7.58E-09	1.17E-08	1.85E-08	3.27E-09	8.49E-09	8.53E-08
1019	490136.72	3861285.12	1.23E-04	1.42E-04	6.47E-05	4.27E-08	1.29E-07	7.46E-08	8.63E-08	7.82E-08	3.57E-08	1.62E-08	1.43E-09	3.44E-08	7.60E-09	1.17E-08	1.86E-08	3.27E-09	8.51E-09	8.55E-08
1020	490186.72	3861285.12	1.23E-04	1.42E-04	6.47E-05	4.26E-08	1.29E-07	7.45E-08	8.62E-08	7.81E-08	3.56E-08	1.62E-08	1.42E-09	3.44E-08	7.59E-09	1.17E-08	1.86E-08	3.27E-09	8.50E-09	8.54E-08
1021	490236.72	3861285.12	1.23E-04	1.42E-04	6.47E-05	4.26E-08	1.29E-07	7.45E-08	8.62E-08	7.81E-08	3.56E-08	1.62E-08	1.42E-09	3.44E-08	7.59E-09	1.17E-08	1.86E-08	3.27E-09	8.51E-09	8.54E-08
1022	490386.72	3861285.12	1.23E-04	1.42E-04	6.47E-05	4.26E-08	1.29E-07	7.45E-08	8.61E-08	7.81E-08	3.56E-08	1.62E-08	1.42E-09	3.44E-08	7.59E-09	1.17E-08	1.86E-08	3.27E-09	8.50E-09	8.54E-08
1023	490436.72	3861285.12	1.23E-04	1.42E-04	6.47E-05	4.27E-08	1.29E-07	7.46E-08	8.62E-08	7.81E-08	3.57E-08	1.62E-08	1.42E-09	3.44E-08	7.59E-09	1.17E-08	1.86E-08	3.27E-09	8.51E-09	8.55E-08
1024	490486.72	3861285.12	1.23E-04	1.42E-04	6.47E-05	4.27E-08	1.29E-07	7.46E-08	8.62E-08	7.81E-08	3.57E-08	1.62E-08	1.42E-09	3.44E-08	7.59E-09	1.17E-08	1.86E-08	3.27E-09	8.51E-09	8.55E-08
1025	490536.72	3861285.12	1.23E-04	1.42E-04	6.48E-05	4.27E-08	1.29E-07	7.46E-08	8.63E-08	7.82E-08	3.57E-08	1.62E-08	1.43E-09	3.44E-08	7.60E-09	1.17E-08	1.86E-08	3.28E-09	8.52E-09	8.56E-08
1026	490586.72	3861285.12	1.24E-04	1.43E-04	6.50E-05	4.28E-08	1.29E-07	7.48E-08	8.65E-08	7.84E-08	3.58E-08	1.63E-08	1.43E-09	3.45E-08	7.62E-09	1.17E-08	1.86E-08	3.28E-09	8.54E-09	8.58E-08
1027	490636.72	3861285.12	1.24E-04	1.43E-04	6.50E-05	4.28E-08	1.29E-07	7.48E-08	8.65E-08	7.84E-08	3.58E-08	1.63E-08	1.43E-09	3.45E-08	7.62E-09	1.17E-08	1.86E-08	3.29E-09	8.54E-09	8.58E-08
1028	490686.72	3861285.12	1.24E-04	1.43E-04	6.52E-05	4.29E-08	1.30E-07	7.50E-08	8.68E-08	7.87E-08	3.59E-08	1.63E-08	1.43E-09	3.46E-08	7.64E-09	1.18E-08	1.87E-08	3.29E-09	8.57E-09	8.60E-08
1029	490736.72	3861285.12	1.25E-04	1.44E-04	6.55E-05	4.32E-08	1.30E-07	7.55E-08	8.73E-08	7.91E-08	3.61E-08	1.64E-08	1.44E-09	3.48E-08	7.69E-09	1.18E-08	1.88E-08	3.31E-09	8.62E-09	8.65E-08
1030	490786.72	3861285.12	1.25E-04	1.45E-04	6.58E-05	4.33E-08	1.31E-07	7.58E-08	8.76E-08	7.94E-08	3.62E-08	1.65E-08	1.45E-09	3.50E-08	7.71E-09	1.19E-08	1.89E-08	3.33E-09	8.65E-09	8.69E-08
1031	490836.72	3861285.12	1.26E-04	1.45E-04	6.60E-05	4.35E-08	1.31E-07	7.60E-08	8.79E-08	7.97E-08	3.64E-08	1.65E-08	1.45E-09	3.51E-08	7.74E-09	1.19E-08	1.89E-08	3.34E-09	8.68E-09	8.72E-08
1032	490061.24	3859716.13	2.49E-04	2.87E-04	1.33E-04	8.62E-08	2.60E-07	1.51E-07	1.74E-07	1.57E-07	7.18E-08	3.34E-08	2.88E-09	6.95E-08	1.53E-08	2.36E-08	3.74E-08	6.59E-09	1.75E-08	1.73E-07
1033	490111.24	3859716.13	2.47E-04	2.84E-04	1.32E-04	8.54E-08	2.58E-07	1.49E-07	1.72E-07	1.56E-07	7.12E-08	3.31E-08	2.85E-09	6.89E-08	1.52E-08	2.34E-08	3.71E-08	6.54E-09	1.74E-08	1.71E-07
1034	490161.24	3859716.13	2.44E-04	2.82E-04	1.31E-04	8.46E-08	2.56E-07	1.48E-07	1.71E-07	1.55E-07	7.06E-08	3.28E-08	2.83E-09	6.83E-08	1.51E-08	2.32E-08	3.67E-08	6.48E-09	1.72E-08	1.70E-07
1035	490211.24	3859716.13	2.42E-04	2.79E-04	1.30E-04	8.38E-08	2.53E-07	1.47E-07	1.69E-07	1.53E-07	6.99E-08	3.24E-08	2.80E-09	6.76E-08	1.49E-08	2.29E-08	3.64E-08	6.41E-09	1.70E-08	1.68E-07
1036	490061.24	3859766.13	2.45E-04	2.82E-04	1.31E-04	8.49E-08	2.56E-07	1.48E-07	1.71E-07	1.55E-07	7.07E-08	3.29E-08	2.83E-09	6.84E-08	1.51E-08	2.32E-08	3.68E-08	6.49E-09	1.73E-08	1.70E-07
1037	490111.24	3859766.13	2.43E-04	2.80E-04	1.30E-04	8.41E-08	2.54E-07	1.47E-07	1.69E-07	1.54E-07	7.01E-08	3.26E-08	2.81E-09	6.78E-08	1.50E-08	2.30E-08	3.65E-08	6.43E-09	1.71E-08	1.69E-07
1038	490161.24	3859766.13	2.40E-04	2.77E-04	1.29E-04	8.33E-08	2.52E-07	1.46E-07	1.68E-07	1.52E-07	6.94E-08	3.22E-08	2.78E-09	6.72E-08	1.48E-08	2.28E-08	3.62E-08	6.37E-09	1.69E-08	1.67E-07
1039	490211.24	3859766.13	2.38E-04	2.75E-04	1.27E-04	8.25E-08	2.49E-07	1.44E-07	1.66E-07	1.51E-07	6.88E-08	3.19E-08	2.76E-09	6.66E-08	1.47E-08	2.26E-08	3.58E-08	6.32E-09	1.68E-08	1.66E-07
1040	490061.24	3859816.13	2.41E-04	2.78E-04	1.29E-04	8.34E-08	2.52E-07	1.46E-07	1.68E-07	1.52E-07	6.96E-08	3.23E-08	2.79E-09	6.73E-08	1.49E-08	2.28E-08	3.62E-08	6.38E-09	1.70E-08	1.67E-07
1041	490111.24	3859816.13	2.39E-04	2.75E-04	1.28E-04	8.27E-08	2.50E-07	1.45E-07	1.67E-07	1.51E-07	6.90E-08	3.20E-08	2.76E-09	6.67E-08	1.47E-08	2.26E-08	3.59E-08	6.33E-09	1.68E-08	1.66E-07
1042	490161.24	3859816.13	2.37E-04	2.73E-04	1.27E-04	8.20E-08	2.48E-07	1.43E-07	1.65E-07	1.50E-07	6.84E-08	3.17E-08	2.74E-09	6.62E-08	1.46E-08	2.24E-08	3.56E-08	6.27E-09	1.67E-08	1.64E-07
1043	490211.24	3859816.13	2.34E-04	2.70E-04	1.25E-04	8.13E-08	2.45E-07	1.42E-07	1.64E-07	1.48E-07	6.78E-08	3.14E-08	2.71E-09	6.55E-08	1.45E-08	2.22E-08	3.53E-08	6.22E-09	1.65E-08	1.63E-07
1044	490061.24	3859866.13	2.37E-04	2.73E-04	1.27E-04	8.20E-08	2.47E-07	1.43E-07	1.65E-07	1.50E-07	6.83E-08	3.17E-08	2.74E-09	6.61E-08	1.46E-08	2.24E-08	3.56E-08	6.27E-09	1.67E-08	1.64E-07
1045	490111.24	3859866.13	2.35E-04	2.71E-04	1.26E-04	8.14E-08	2.46E-07	1.42E-07	1.64E-07	1.49E-07	6.78E-08	3.15E-08	2.72E-09	6.56E-08	1.45E-08	2.23E-08	3.53E-08	6.23E-09	1.65E-08	1.63E-07
1046	490161.24	3859866.13	2.33E-04	2.69E-04	1.25E-04	8.07E-08	2.44E-07	1.41E-07	1.63E-07	1.48E-07	6.73E-08	3.12E-08	2.70E-09	6.51E-08	1.44E-08	2.21E-08	3.51E-08	6.18E-09	1.64E-08	1.62E-07
1047	490211.24	3859866.13	2.31E-04	2.66E-04	1.24E-04	8.01E-08	2.42E-07	1.40E-07	1.61E-07	1.46E-07	6.68E-08	3.10E-08	2.67E-09	6.46E-08	1.43E-08	2.19E-08	3.48E-08	6.13E-09	1.62E-08	1.61E-07
1048	490061.24	3859916.13	2.32E-04	2.67E-04	1.24E-04	8.04E-08	2.43E-07	1.41E-07	1.62E-07	1.47E-07	6.70E-08	3.11E-08	2.68E-09	6.48E-08	1.43E-08	2.20E-08	3.49E-08	6.15E-09	1.63E-08	1.61E-07
1049	490111.24	3859916.13	2.31E-04	2.66E-04	1.23E-04	7.99E-08	2.41E-07	1.40E-07	1.61E-07	1.46E-07	6.67E-08	3.09E-08	2.67E-09	6.45E-08	1.42E-08	2.19E-08	3.47E-08	6.12E-09	1.62E-08	1.60E-07
1050	490161.24	3859916.13	2.29E-04	2.64E-04	1.23E-04	7.94E-08	2.40E-07	1.39E-07	1.60E-07	1.45E-07	6.62E-08	3.07E-08	2.65E-09	6.40E-08	1.41E-08	2.17E-08	3.45E-08	6.08E-09	1.61E-08	1.59E-07
1051	490211.24	3859916.13	2.27E-04	2.62E-04	1.21E-04	7.88E-08	2.38E-07	1.38E-07	1.59E-07	1.44E-07	6.57E-08	3.04E-08	2.63E-09	6.35E-08	1.40E-08	2.16E-08	3.42E-08	6.03E-09	1.60E-08	1.58E-07
1052	490229.25	3859815.26	2.34E-04	2.70E-04	1.25E-04	8.11E-08	2.45E-07	1.42E-07	1.63E-07	1.48E-07	6.76E-08	3.13E-08	2.71E-09	6.54E-08	1.44E-08	2.22E-08	3.52E-08	6.20E-09	1.65E-08	1.63E-07

1053	490279.25	3859815.26	2.32E-04	2.67E-04	1.24E-04	8.03E-08	2.42E-07	1.40E-07	1.62E-07	1.47E-07	6.70E-08	3.10E-08	2.68E-09	6.48E-08	1.43E-08	2.20E-08	3.49E-08	6.14E-09	1.63E-08	1.61E-07
1054	490329.25	3859815.26	2.30E-04	2.65E-04	1.23E-04	7.96E-08	2.40E-07	1.39E-07	1.60E-07	1.45E-07	6.63E-08	3.07E-08	2.66E-09	6.42E-08	1.42E-08	2.18E-08	3.45E-08	6.09E-09	1.61E-08	1.60E-07
1055	490379.25	3859815.26	2.28E-04	2.63E-04	1.22E-04	7.90E-08	2.38E-07	1.38E-07	1.59E-07	1.44E-07	6.59E-08	3.05E-08	2.64E-09	6.37E-08	1.41E-08	2.16E-08	3.43E-08	6.04E-09	1.60E-08	1.58E-07
1056	490429.25	3859815.26	2.27E-04	2.61E-04	1.21E-04	7.85E-08	2.37E-07	1.37E-07	1.58E-07	1.44E-07	6.55E-08	3.03E-08	2.62E-09	6.34E-08	1.40E-08	2.15E-08	3.41E-08	6.01E-09	1.59E-08	1.57E-07
1057	490229.25	3859865.26	2.30E-04	2.66E-04	1.23E-04	7.98E-08	2.41E-07	1.40E-07	1.61E-07	1.46E-07	6.66E-08	3.09E-08	2.67E-09	6.44E-08	1.42E-08	2.19E-08	3.47E-08	6.11E-09	1.62E-08	1.60E-07
1058	490279.25	3859865.26	2.28E-04	2.63E-04	1.22E-04	7.91E-08	2.39E-07	1.38E-07	1.59E-07	1.45E-07	6.60E-08	3.06E-08	2.64E-09	6.38E-08	1.41E-08	2.17E-08	3.44E-08	6.05E-09	1.60E-08	1.59E-07
1059	490329.25	3859865.26	2.26E-04	2.61E-04	1.21E-04	7.84E-08	2.37E-07	1.37E-07	1.58E-07	1.43E-07	6.54E-08	3.03E-08	2.62E-09	6.32E-08	1.40E-08	2.15E-08	3.40E-08	6.00E-09	1.59E-08	1.57E-07
1060	490379.25	3859865.26	2.24E-04	2.59E-04	1.20E-04	7.77E-08	2.35E-07	1.36E-07	1.57E-07	1.42E-07	6.48E-08	3.00E-08	2.60E-09	6.27E-08	1.38E-08	2.13E-08	3.38E-08	5.95E-09	1.57E-08	1.56E-07
1061	490429.25	3859865.26	2.23E-04	2.57E-04	1.19E-04	7.71E-08	2.33E-07	1.35E-07	1.56E-07	1.41E-07	6.43E-08	2.98E-08	2.58E-09	6.22E-08	1.37E-08	2.11E-08	3.35E-08	5.90E-09	1.56E-08	1.55E-07
1062	490229.25	3859915.26	2.27E-04	2.62E-04	1.21E-04	7.86E-08	2.37E-07	1.37E-07	1.58E-07	1.44E-07	6.55E-08	3.04E-08	2.62E-09	6.34E-08	1.40E-08	2.15E-08	3.41E-08	6.01E-09	1.59E-08	1.58E-07
1063	490279.25	3859915.26	2.25E-04	2.59E-04	1.20E-04	7.79E-08	2.35E-07	1.36E-07	1.57E-07	1.42E-07	6.50E-08	3.01E-08	2.60E-09	6.28E-08	1.39E-08	2.13E-08	3.38E-08	5.96E-09	1.58E-08	1.56E-07
1064	490329.25	3859915.26	2.23E-04	2.57E-04	1.19E-04	7.72E-08	2.33E-07	1.35E-07	1.56E-07	1.41E-07	6.44E-08	2.98E-08	2.58E-09	6.23E-08	1.37E-08	2.11E-08	3.35E-08	5.91E-09	1.56E-08	1.55E-07
1065	490379.25	3859915.26	2.21E-04	2.55E-04	1.18E-04	7.65E-08	2.31E-07	1.34E-07	1.54E-07	1.40E-07	6.38E-08	2.95E-08	2.56E-09	6.17E-08	1.36E-08	2.10E-08	3.32E-08	5.86E-09	1.55E-08	1.53E-07
1066	490429.25	3859915.26	2.19E-04	2.53E-04	1.17E-04	7.59E-08	2.29E-07	1.33E-07	1.53E-07	1.39E-07	6.33E-08	2.93E-08	2.53E-09	6.12E-08	1.35E-08	2.08E-08	3.30E-08	5.81E-09	1.54E-08	1.52E-07
1067	490451.43	3859872.59	2.21E-04	2.55E-04	1.18E-04	7.67E-08	2.32E-07	1.34E-07	1.55E-07	1.40E-07	6.40E-08	2.96E-08	2.56E-09	6.19E-08	1.36E-08	2.10E-08	3.33E-08	5.87E-09	1.55E-08	1.54E-07
1068	490501.43	3859872.59	2.20E-04	2.54E-04	1.17E-04	7.62E-08	2.30E-07	1.33E-07	1.54E-07	1.39E-07	6.36E-08	2.94E-08	2.55E-09	6.15E-08	1.36E-08	2.09E-08	3.31E-08	5.84E-09	1.54E-08	1.53E-07
1069	490551.43	3859872.59	2.19E-04	2.53E-04	1.17E-04	7.60E-08	2.29E-07	1.33E-07	1.53E-07	1.39E-07	6.34E-08	2.93E-08	2.54E-09	6.13E-08	1.35E-08	2.08E-08	3.30E-08	5.82E-09	1.54E-08	1.52E-07
1070	490601.43	3859872.59	2.19E-04	2.52E-04	1.17E-04	7.57E-08	2.29E-07	1.32E-07	1.53E-07	1.38E-07	6.32E-08	2.92E-08	2.53E-09	6.11E-08	1.35E-08	2.07E-08	3.29E-08	5.80E-09	1.53E-08	1.52E-07
1071	490451.43	3859922.59	2.18E-04	2.51E-04	1.16E-04	7.54E-08	2.28E-07	1.32E-07	1.52E-07	1.38E-07	6.29E-08	2.91E-08	2.52E-09	6.09E-08	1.34E-08	2.07E-08	3.28E-08	5.78E-09	1.53E-08	1.51E-07
1072	490501.43	3859922.59	2.16E-04	2.49E-04	1.15E-04	7.49E-08	2.26E-07	1.31E-07	1.51E-07	1.37E-07	6.25E-08	2.89E-08	2.50E-09	6.04E-08	1.33E-08	2.05E-08	3.25E-08	5.73E-09	1.52E-08	1.50E-07
1073	490551.43	3859922.59	2.15E-04	2.48E-04	1.15E-04	7.45E-08	2.25E-07	1.30E-07	1.50E-07	1.36E-07	6.22E-08	2.87E-08	2.49E-09	6.01E-08	1.33E-08	2.04E-08	3.24E-08	5.71E-09	1.51E-08	1.49E-07
1074	490601.43	3859922.59	2.14E-04	2.47E-04	1.14E-04	7.43E-08	2.24E-07	1.30E-07	1.50E-07	1.36E-07	6.20E-08	2.86E-08	2.48E-09	5.99E-08	1.32E-08	2.03E-08	3.23E-08	5.69E-09	1.50E-08	1.49E-07
1075	482129.67	3852241.07	1.35E-04	1.56E-04	7.05E-05	4.68E-08	1.41E-07	8.18E-08	9.47E-08	8.59E-08	3.92E-08	1.77E-08	1.56E-09	3.78E-08	8.33E-09	1.29E-08	2.04E-08	3.60E-09	9.27E-09	9.38E-08
1076	482029.67	3852291.07	1.35E-04	1.57E-04	7.07E-05	4.69E-08	1.42E-07	8.20E-08	9.50E-08	8.61E-08	3.93E-08	1.77E-08	1.57E-09	3.79E-08	8.35E-09	1.29E-08	2.05E-08	3.61E-09	9.29E-09	9.40E-08
1077	482079.67	3852291.07	1.37E-04	1.58E-04	7.14E-05	4.74E-08	1.43E-07	8.29E-08	9.60E-08	8.70E-08	3.97E-08	1.79E-08	1.58E-09	3.83E-08	8.44E-09	1.30E-08	2.07E-08	3.64E-09	9.39E-09	9.50E-08
1078	482129.67	3852291.07	1.38E-04	1.59E-04	7.18E-05	4.77E-08	1.44E-07	8.34E-08	9.65E-08	8.75E-08	3.99E-08	1.80E-08	1.59E-09	3.85E-08	8.49E-09	1.31E-08	2.08E-08	3.66E-09	9.45E-09	9.56E-08
1079	482179.67	3852291.07	1.38E-04	1.60E-04	7.20E-05	4.78E-08	1.44E-07	8.36E-08	9.68E-08	8.78E-08	4.00E-08	1.81E-08	1.60E-09	3.86E-08	8.52E-09	1.31E-08	2.09E-08	3.67E-09	9.47E-09	9.59E-08
1080	482229.67	3852291.07	1.38E-04	1.60E-04	7.20E-05	4.78E-08	1.44E-07	8.35E-08	9.67E-08	8.76E-08	4.00E-08	1.80E-08	1.60E-09	3.85E-08	8.51E-09	1.31E-08	2.08E-08	3.67E-09	9.46E-09	9.57E-08
1081	482029.67	3852341.07	1.36E-04	1.58E-04	7.10E-05	4.72E-08	1.42E-07	8.24E-08	9.54E-08	8.65E-08	3.95E-08	1.78E-08	1.58E-09	3.80E-08	8.40E-09	1.30E-08	2.06E-08	3.62E-09	9.34E-09	9.45E-08
1082	482079.67	3852341.07	1.38E-04	1.60E-04	7.21E-05	4.79E-08	1.45E-07	8.37E-08	9.69E-08	8.79E-08	4.01E-08	1.81E-08	1.60E-09	3.86E-08	8.53E-09	1.32E-08	2.09E-08	3.68E-09	9.49E-09	9.60E-08
1083	482129.67	3852341.07	1.40E-04	1.62E-04	7.29E-05	4.84E-08	1.46E-07	8.46E-08	9.80E-08	8.88E-08	4.05E-08	1.83E-08	1.62E-09	3.91E-08	8.62E-09	1.33E-08	2.11E-08	3.72E-09	9.59E-09	9.70E-08
1084	482179.67	3852341.07	1.41E-04	1.63E-04	7.34E-05	4.88E-08	1.47E-07	8.52E-08	9.86E-08	8.94E-08	4.08E-08	1.84E-08	1.63E-09	3.93E-08	8.68E-09	1.34E-08	2.12E-08	3.74E-09	9.65E-09	9.77E-08
1085	482259.06	3852400.14	1.44E-04	1.66E-04	7.50E-05	4.98E-08	1.50E-07	8.70E-08	1.01E-07	9.13E-08	4.17E-08	1.88E-08	1.66E-09	4.02E-08	8.86E-09	1.37E-08	2.17E-08	3.82E-09	9.86E-09	9.97E-08
1086	482309.06	3852400.14	1.44E-04	1.67E-04	7.53E-05	5.00E-08	1.51E-07	8.74E-08	1.01E-07	9.17E-08	4.19E-08	1.89E-08	1.67E-09	4.03E-08	8.90E-09	1.37E-08	2.18E-08	3.84E-09	9.90E-09	1.00E-07
1087	482209.06	3852450.14	1.45E-04	1.68E-04	7.56E-05	5.02E-08	1.52E-07	8.77E-08	1.02E-07	9.21E-08	4.20E-08	1.89E-08	1.68E-09	4.05E-08	8.93E-09	1.38E-08	2.19E-08	3.86E-09	9.94E-09	1.01E-07
1088	482259.06	3852450.14	1.46E-04	1.69E-04	7.63E-05	5.07E-08	1.53E-07	8.86E-08	1.03E-07	9.29E-08	4.24E-08	1.91E-08	1.69E-09	4.09E-08	9.02E-09	1.39E-08	2.21E-08	3.89E-09	1.00E-08	1.02E-07
1089	482309.06	3852450.14	1.47E-04	1.71E-04	7.69E-05	5.11E-08	1.54E-07	8.93E-08	1.03E-07	9.37E-08	4.28E-08	1.93E-08	1.71E-09	4.12E-08	9.09E-09	1.40E-08	2.23E-08	3.92E-09	1.01E-08	1.02E-07
1090	482209.06	3852500.14	1.46E-04	1.69E-04	7.62E-05	5.06E-08	1.53E-07	8.85E-08	1.02E-07	9.29E-08	4.24E-08	1.91E-08	1.69E-09	4.08E-08	9.01E-09	1.39E-08	2.21E-08	3.89E-09	1.00E-08	1.01E-07
1091	482259.06	3852500.14	1.48E-04	1.72E-04	7.74E-05	5.14E-08	1.55E-07	8.98E-08	1.04E-07	9.43E-08	4.30E-08	1.94E-08	1.72E-09	4.14E-08	9.15E-09	1.41E-08	2.24E-08	3.95E-09	1.02E-08	1.03E-07
1092	482309.06	3852500.14	1.50E-04	1.74E-04	7.82E-05	5.19E-08	1.57E-07	9.08E-08	1.05E-07	9.53E-08	4.35E-08	1.96E-08	1.73E-09	4.19E-08	9.25E-09	1.43E-08	2.26E-08	3.99E-09	1.03E-08	1.04E-07
1093	482283.91	3852513.62	1.50E-04	1.73E-04	7.81E-05	5.18E-08	1.57E-07	9.06E-08	1.05E-07	9.51E-08	4.34E-08	1.96E-08	1.73E-09	4.18E-08	9.23E-09	1.42E-08	2.26E-08	3.98E-09	1.03E-08	1.04E-07
1094	482333.91	3852513.62	1.51E-04	1.75E-04	7.88E-05	5.23E-08	1.58E-07	9.15E-08	1.06E-07	9.60E-08	4.38E-08	1.97E-08	1.75E-09	4.22E-08	9.31E-09	1.44E-08	2.28E-08	4.02E-09	1.04E-08	1.05E-07
1095	482283.91	3852563.62	1.51E-04	1.75E-04	7.87E-05	5.23E-08	1.58E-07	9.14E-08	1.06E-07	9.59E-08	4.37E-08	1.97E-08	1.75E-09	4.22E-08	9.30E-09	1.44E-08	2.28E-08	4.01E-09	1.03E-08	1.05E-07
1096	482333.91	3852563.62	1.53E-04	1.77E-04	7.97E-05	5.30E-08	1.60E-07	9.26E-08	1.07E-07	9.71E-08	4.43E-08	2.00E-08	1.77E-09	4.27E-08	9.43E-09	1.45E-08	2.31E-08	4.07E-09	1.05E-08	1.06E-07
1097	482383.91	3852563.62	1.54E-04	1.78E-04	8.04E-05	5.34E-08	1.61E-07	9.33E-08	1.08E-07	9.79E-08	4.47E-08	2.01E-08	1.78E-09	4.30E-08	9.50E-09	1.47E-08	2.33E-08	4.10E-09	1.06E-08	1.07E-07
1098	482283.91	3852613.62	1.52E-04	1.76E-04	7.93E-05	5.27E-08	1.59E-07	9.21E-08	1.07E-07	9.66E-08	4.41E-08	1.99E-08	1.76E-09	4.25E-08	9.37E-09	1.45E-08	2.30E-08	4.05E-09	1.04E-08	1.06E-07
1099	482333.91	3852613.62	1.54E-04	1.79E-04	8.06E-05	5.35E-08	1.62E-07	9.35E-08	1.08E-07	9.81E-08	4.48E-08	2.02E-08	1.79E-09	4.32E-08	9.52E-09	1.47E-08	2.33E-08	4.11E-09	1.06E-08	1.07E-07
1100	482383.91	3852613.62	1.56E-04	1.81E-04	8.14E-05	5.41E-08	1.63E-07	9.46E-08	1.09E-07	9.92E-08	4.53E-08	2.04E-08	1.81E-09	4.36E-08	9.63E-09	1.49E-08	2.36E-08	4.16E-09	1.07E-08	1.08E-07
1101	482602.38	3852600.87	1.56E-04	1.81E-04	8.14E-05	5.40E-08	1.63E-07	9.45E-08	1.09E-07	9.91E-08	4.52E-08	2.04E-08	1.80E-09	4.36E-08	9.62E-09	1.48E-08	2.36E-08	4.15E-09	1.07E-08	1.08E-07
1102	482652.38	3852600.87	1.54E-04	1.79E-04	8.05E-05	5.34E-08	1.61E-07	9.34E-08	1.08E-07	9.80E-08	4.47E-08	2.02E-08	1.78E-09	4.31E-08	9.51E-09	1.47E-08	2.33E-08	4.10E-09	1.06E-08	1.07E-07
1103	482702.38	3852600.87	1.52E-04	1.76E-04	7.95E-05	5.28E-08	1.59E-07	9.23E-08	1.07E-07	9.69E-08	4.42E-08	1.99E-08	1.76E-09	4.26E-08	9.40E-09	1.45E-08	2.30E-08	4.06E-09	1.05E-08	1.06E-07
1104	482552.38	3852650.87	1.61E-04	1.87E-04	8.41E-05	5.59E-08	1.69E-07	9.77E-08	1.13E-07	1.03E-07	4.68E-08	2.11E-08	1.87E-09	4.51E-08	9.95E-09	1.54E-08	2.44E-08	4.29E-09	1.11E-08	1.12E-07
1105	482602.38	3852650.87	1.61E-04	1.86E-04	8.38E-05	5.57E-08	1.68E-07	9.73E-08	1.13E-07	1.02E-07	4.66E-08	2.10E-08	1.86E-09	4.49E-08	9.91E-09	1.53E-08	2.43E-08	4.28E-09	1.10E-08	1.12E-07

1106	482652.38	3852650.87	1.59E-04	1.84E-04	8.31E-05	5.52E-08	1.67E-07	9.65E-08	1.12E-07	1.01E-07	4.62E-08	2.08E-08	1.84E-09	4.45E-08	9.82E-09	1.52E-08	2.41E-08	4.24E-09	1.09E-08	1.11E-07
1107	482702.38	3852650.87	1.57E-04	1.82E-04	8.22E-05	5.46E-08	1.65E-07	9.54E-08	1.10E-07	1.00E-07	4.57E-08	2.06E-08	1.82E-09	4.40E-08	9.71E-09	1.50E-08	2.38E-08	4.19E-09	1.08E-08	1.09E-07
1108	482552.38	3852700.87	1.65E-04	1.91E-04	8.61E-05	5.72E-08	1.73E-07	1.00E-07	1.16E-07	1.05E-07	4.79E-08	2.16E-08	1.91E-09	4.62E-08	1.02E-08	1.57E-08	2.49E-08	4.39E-09	1.13E-08	1.15E-07
1109	482602.38	3852700.87	1.65E-04	1.91E-04	8.60E-05	5.71E-08	1.72E-07	9.99E-08	1.16E-07	1.05E-07	4.78E-08	2.15E-08	1.91E-09	4.61E-08	1.02E-08	1.57E-08	2.49E-08	4.39E-09	1.13E-08	1.14E-07
1110	482652.38	3852700.87	1.63E-04	1.89E-04	8.52E-05	5.66E-08	1.71E-07	9.90E-08	1.15E-07	1.04E-07	4.74E-08	2.14E-08	1.89E-09	4.57E-08	1.01E-08	1.56E-08	2.47E-08	4.35E-09	1.12E-08	1.13E-07
1111	482702.38	3852700.87	1.62E-04	1.88E-04	8.47E-05	5.62E-08	1.70E-07	9.83E-08	1.14E-07	1.03E-07	4.71E-08	2.12E-08	1.88E-09	4.54E-08	1.00E-08	1.54E-08	2.45E-08	4.32E-09	1.11E-08	1.13E-07
1112	482452.38	3852750.87	1.64E-04	1.90E-04	8.57E-05	5.69E-08	1.72E-07	9.95E-08	1.15E-07	1.04E-07	4.76E-08	2.15E-08	1.90E-09	4.59E-08	1.01E-08	1.56E-08	2.48E-08	4.37E-09	1.13E-08	1.14E-07
1113	482521.29	3852749.74	1.67E-04	1.94E-04	8.72E-05	5.80E-08	1.75E-07	1.01E-07	1.17E-07	1.06E-07	4.85E-08	2.19E-08	1.94E-09	4.67E-08	1.03E-08	1.59E-08	2.53E-08	4.45E-09	1.15E-08	1.16E-07
1114	482571.29	3852749.74	1.68E-04	1.95E-04	8.78E-05	5.83E-08	1.76E-07	1.02E-07	1.18E-07	1.07E-07	4.88E-08	2.20E-08	1.95E-09	4.71E-08	1.04E-08	1.60E-08	2.54E-08	4.48E-09	1.15E-08	1.17E-07
1115	482521.29	3852799.74	1.69E-04	1.96E-04	8.82E-05	5.86E-08	1.77E-07	1.02E-07	1.19E-07	1.07E-07	4.90E-08	2.21E-08	1.96E-09	4.73E-08	1.04E-08	1.61E-08	2.55E-08	4.50E-09	1.16E-08	1.17E-07
1116	482571.29	3852799.74	1.71E-04	1.98E-04	8.92E-05	5.93E-08	1.79E-07	1.04E-07	1.20E-07	1.09E-07	4.96E-08	2.24E-08	1.98E-09	4.78E-08	1.06E-08	1.63E-08	2.58E-08	4.55E-09	1.17E-08	1.19E-07
1117	482621.29	3852799.74	1.72E-04	1.99E-04	8.98E-05	5.97E-08	1.80E-07	1.04E-07	1.21E-07	1.09E-07	4.99E-08	2.25E-08	1.99E-09	4.81E-08	1.06E-08	1.64E-08	2.60E-08	4.58E-09	1.18E-08	1.20E-07
1118	482571.29	3852849.74	1.73E-04	2.01E-04	9.05E-05	6.01E-08	1.81E-07	1.05E-07	1.22E-07	1.10E-07	5.03E-08	2.27E-08	2.01E-09	4.85E-08	1.07E-08	1.65E-08	2.62E-08	4.62E-09	1.19E-08	1.20E-07
1119	482621.29	3852849.74	1.76E-04	2.03E-04	9.16E-05	6.09E-08	1.84E-07	1.06E-07	1.23E-07	1.12E-07	5.10E-08	2.30E-08	2.03E-09	4.91E-08	1.08E-08	1.67E-08	2.65E-08	4.68E-09	1.21E-08	1.22E-07
1120	482577.42	3852901.55	1.76E-04	2.03E-04	9.17E-05	6.09E-08	1.84E-07	1.06E-07	1.23E-07	1.12E-07	5.10E-08	2.30E-08	2.03E-09	4.91E-08	1.08E-08	1.67E-08	2.65E-08	4.68E-09	1.21E-08	1.22E-07
1121	482627.42	3852901.55	1.79E-04	2.07E-04	9.33E-05	6.20E-08	1.87E-07	1.08E-07	1.25E-07	1.14E-07	5.19E-08	2.34E-08	2.07E-09	5.00E-08	1.10E-08	1.70E-08	2.70E-08	4.76E-09	1.23E-08	1.24E-07
1122	482629.96	3852955.85	1.81E-04	2.09E-04	9.44E-05	6.27E-08	1.89E-07	1.10E-07	1.27E-07	1.15E-07	5.25E-08	2.37E-08	2.09E-09	5.06E-08	1.12E-08	1.72E-08	2.73E-08	4.82E-09	1.24E-08	1.26E-07
1123	482679.96	3852955.85	1.84E-04	2.13E-04	9.61E-05	6.39E-08	1.93E-07	1.12E-07	1.29E-07	1.17E-07	5.35E-08	2.41E-08	2.13E-09	5.15E-08	1.14E-08	1.75E-08	2.78E-08	4.91E-09	1.26E-08	1.28E-07
1124	482781.63	3853034.48	1.94E-04	2.25E-04	1.01E-04	6.73E-08	2.03E-07	1.18E-07	1.36E-07	1.23E-07	5.63E-08	2.54E-08	2.25E-09	5.43E-08	1.20E-08	1.85E-08	2.93E-08	5.17E-09	1.33E-08	1.35E-07
1125	482831.63	3853034.48	1.96E-04	2.27E-04	1.02E-04	6.79E-08	2.05E-07	1.19E-07	1.37E-07	1.25E-07	5.69E-08	2.56E-08	2.27E-09	5.48E-08	1.21E-08	1.87E-08	2.96E-08	5.22E-09	1.34E-08	1.36E-07
1126	482881.63	3853034.48	1.97E-04	2.28E-04	1.03E-04	6.81E-08	2.06E-07	1.19E-07	1.38E-07	1.25E-07	5.70E-08	2.57E-08	2.28E-09	5.50E-08	1.21E-08	1.87E-08	2.97E-08	5.23E-09	1.35E-08	1.36E-07
1127	482781.63	3853084.48	1.97E-04	2.28E-04	1.03E-04	6.82E-08	2.06E-07	1.19E-07	1.38E-07	1.25E-07	5.71E-08	2.57E-08	2.28E-09	5.50E-08	1.21E-08	1.87E-08	2.97E-08	5.24E-09	1.35E-08	1.37E-07
1128	482831.63	3853084.48	2.00E-04	2.31E-04	1.04E-04	6.93E-08	2.09E-07	1.21E-07	1.40E-07	1.27E-07	5.80E-08	2.61E-08	2.31E-09	5.59E-08	1.23E-08	1.90E-08	3.02E-08	5.32E-09	1.37E-08	1.39E-07
1129	482881.63	3853084.48	2.02E-04	2.33E-04	1.05E-04	6.99E-08	2.11E-07	1.22E-07	1.41E-07	1.28E-07	5.85E-08	2.64E-08	2.33E-09	5.64E-08	1.24E-08	1.92E-08	3.05E-08	5.37E-09	1.38E-08	1.40E-07
1130	482781.63	3853134.48	1.98E-04	2.29E-04	1.03E-04	6.87E-08	2.07E-07	1.20E-07	1.39E-07	1.26E-07	5.75E-08	2.59E-08	2.29E-09	5.54E-08	1.22E-08	1.89E-08	2.99E-08	5.27E-09	1.36E-08	1.38E-07
1131	482831.63	3853134.48	2.03E-04	2.34E-04	1.06E-04	7.02E-08	2.12E-07	1.23E-07	1.42E-07	1.29E-07	5.88E-08	2.65E-08	2.34E-09	5.66E-08	1.25E-08	1.93E-08	3.06E-08	5.39E-09	1.39E-08	1.41E-07
1132	482881.63	3853134.48	2.05E-04	2.38E-04	1.07E-04	7.12E-08	2.15E-07	1.24E-07	1.44E-07	1.31E-07	5.96E-08	2.68E-08	2.38E-09	5.74E-08	1.27E-08	1.96E-08	3.10E-08	5.47E-09	1.41E-08	1.43E-07
1133	482831.63	3853184.48	2.04E-04	2.36E-04	1.06E-04	7.07E-08	2.14E-07	1.24E-07	1.43E-07	1.30E-07	5.92E-08	2.67E-08	2.36E-09	5.70E-08	1.26E-08	1.94E-08	3.08E-08	5.43E-09	1.40E-08	1.42E-07
1134	482881.63	3853184.48	2.08E-04	2.41E-04	1.09E-04	7.22E-08	2.18E-07	1.26E-07	1.46E-07	1.32E-07	6.04E-08	2.72E-08	2.41E-09	5.82E-08	1.28E-08	1.98E-08	3.14E-08	5.54E-09	1.43E-08	1.45E-07
1135	484154.84	3854250.98	4.13E-04	4.78E-04	2.15E-04	1.43E-07	4.32E-07	2.50E-07	2.89E-07	2.62E-07	1.20E-07	5.40E-08	4.78E-09	1.15E-07	2.55E-08	3.93E-08	6.23E-08	1.10E-08	2.83E-08	2.87E-07
1136	484204.84	3854250.98	3.97E-04	4.60E-04	2.07E-04	1.38E-07	4.16E-07	2.41E-07	2.79E-07	2.53E-07	1.15E-07	5.20E-08	4.60E-09	1.11E-07	2.45E-08	3.78E-08	6.00E-08	1.06E-08	2.73E-08	2.76E-07
1137	484154.84	3854300.98	4.21E-04	4.88E-04	2.20E-04	1.46E-07	4.41E-07	2.55E-07	2.95E-07	2.68E-07	1.22E-07	5.51E-08	4.88E-09	1.18E-07	2.60E-08	4.01E-08	6.36E-08	1.12E-08	2.89E-08	2.93E-07
1138	484204.84	3854300.98	4.11E-04	4.76E-04	2.15E-04	1.42E-07	4.30E-07	2.49E-07	2.88E-07	2.61E-07	1.19E-07	5.38E-08	4.76E-09	1.15E-07	2.53E-08	3.91E-08	6.21E-08	1.09E-08	2.82E-08	2.85E-07
1139	484074.19	3854519.8	4.88E-04	5.64E-04	2.55E-04	1.69E-07	5.10E-07	2.95E-07	3.42E-07	3.10E-07	1.41E-07	6.39E-08	5.64E-09	1.36E-07	3.01E-08	4.64E-08	7.36E-08	1.30E-08	3.35E-08	3.39E-07
1140	484124.19	3854519.8	4.83E-04	5.58E-04	2.52E-04	1.67E-07	5.05E-07	2.92E-07	3.38E-07	3.07E-07	1.40E-07	6.32E-08	5.58E-09	1.35E-07	2.98E-08	4.59E-08	7.29E-08	1.28E-08	3.32E-08	3.35E-07
1141	484074.19	3854569.8	4.99E-04	5.77E-04	2.61E-04	1.73E-07	5.22E-07	3.02E-07	3.49E-07	3.17E-07	1.45E-07	6.54E-08	5.77E-09	1.39E-07	3.08E-08	4.75E-08	7.53E-08	1.33E-08	3.43E-08	3.46E-07
1142	484124.19	3854569.8	4.87E-04	5.63E-04	2.55E-04	1.69E-07	5.10E-07	2.95E-07	3.41E-07	3.09E-07	1.41E-07	6.39E-08	5.64E-09	1.36E-07	3.00E-08	4.63E-08	7.35E-08	1.30E-08	3.35E-08	3.38E-07
1143	485205.11	3855188.89	7.27E-03	8.42E-03	3.78E-03	2.52E-06	7.61E-06	4.41E-06	5.10E-06	4.63E-06	2.11E-06	9.47E-07	8.42E-08	2.03E-06	4.49E-07	6.93E-07	1.10E-06	1.94E-07	4.97E-07	5.05E-06
1144	485255.11	3855188.89	6.44E-03	7.46E-03	3.35E-03	2.23E-06	6.74E-06	3.90E-06	4.52E-06	4.10E-06	1.87E-06	8.39E-07	7.46E-08	1.80E-06	3.97E-07	6.14E-07	9.74E-07	1.72E-07	4.40E-07	4.47E-06
1145	485205.11	3855238.89	8.74E-03	1.01E-02	4.54E-03	3.03E-06	9.14E-06	5.29E-06	6.13E-06	5.56E-06	2.54E-06	1.14E-06	1.01E-07	2.44E-06	5.39E-07	8.32E-07	1.32E-06	2.33E-07	5.97E-07	6.06E-06
1146	485255.11	3855238.89	7.95E-03	9.21E-03	4.13E-03	2.76E-06	8.32E-06	4.82E-06	5.58E-06	5.06E-06	2.31E-06	1.04E-06	9.20E-08	2.22E-06	4.90E-07	7.57E-07	1.20E-06	2.12E-07	5.43E-07	5.52E-06
1147	485205.11	3855288.89	1.17E-02	1.36E-02	6.10E-03	4.07E-06	1.23E-05	7.11E-06	8.23E-06	7.46E-06	3.41E-06	1.53E-06	1.36E-07	3.28E-06	7.24E-07	1.12E-06	1.77E-06	3.13E-07	8.02E-07	8.15E-06
1148	485255.11	3855288.89	1.02E-02	1.18E-02	5.31E-03	3.54E-06	1.07E-05	6.19E-06	7.18E-06	6.50E-06	2.97E-06	1.33E-06	1.18E-07	2.86E-06	6.31E-07	9.74E-07	1.55E-06	2.72E-07	6.99E-07	7.10E-06
1149	485255.11	3855338.89	1.32E-02	1.52E-02	6.84E-03	4.56E-06	1.38E-05	7.97E-06	9.24E-06	8.37E-06	3.82E-06	1.71E-06	1.52E-07	3.68E-06	8.12E-07	1.25E-06	1.99E-06	3.51E-07	8.99E-07	9.14E-06
1150	485305.11	3855338.89	1.14E-02	1.32E-02	5.92E-03	3.95E-06	1.19E-05	6.90E-06	7.99E-06	7.24E-06	3.31E-06	1.48E-06	1.32E-07	3.18E-06	7.03E-07	1.09E-06	1.72E-06	3.03E-07	7.78E-07	7.91E-06
1151	485852.5	3855635.28	1.00E-02	1.16E-02	5.21E-03	3.48E-06	1.05E-05	6.08E-06	7.04E-06	6.38E-06	2.91E-06	1.31E-06	1.16E-07	2.80E-06	6.19E-07	9.55E-07	1.52E-06	2.67E-07	6.86E-07	6.96E-06
1152	485902.5	3855635.28	9.17E-03	1.06E-02	4.76E-03	3.18E-06	9.59E-06	5.55E-06	6.43E-06	5.83E-06	2.66E-06	1.19E-06	1.06E-07	2.56E-06	5.65E-07	8.73E-07	1.39E-06	2.44E-07	6.27E-07	6.36E-06
1153	485852.5	3855685.28	1.12E-02	1.30E-02	5.81E-03	3.88E-06	1.17E-05	6.77E-06	7.85E-06	7.11E-06	3.25E-06	1.46E-06	1.29E-07	3.13E-06	6.90E-07	1.07E-06	1.69E-06	2.98E-07	7.64E-07	7.76E-06
1154	485902.5	3855685.28	1.02E-02	1.18E-02	5.28E-03	3.52E-06	1.06E-05	6.15E-06	7.12E-06	6.46E-06	2.95E-06	1.32E-06	1.17E-07	2.84E-06	6.26E-07	9.67E-07	1.53E-06	2.70E-07	6.94E-07	7.05E-06
1155	485852.5	3855735.28	1.26E-02	1.45E-02	6.53E-03	4.35E-06	1.31E-05	7.61E-06	8.81E-06	7.99E-06	3.64E-06	1.64E-06	1.45E-07	3.51E-06	7.75E-07	1.20E-06	1.90E-06	3.34E-07	8.58E-07	8.72E-06
1156	485902.5	3855735.28	1.14E-02	1.32E-02	5.94E-03	3.96E-06	1.19E-05	6.92E-06	8.01E-06	7.26E-06	3.31E-06	1.49E-06	1.32E-07	3.19E-06	7.04E-07	1.09E-06	1.73E-06	3.04E-07	7.81E-07	7.93E-06
1157	485852.5	3855785.28	1.44E-02	1.67E-02	7.49E-03	5.00E-06	1.51E-05	8.73E-06	1.01E-05	9.17E-06	4.18E-06	1.88E-06	1.67E-07	4.03E-06	8.89E-07	1.37E-06	2.18E-06	3.84E-07	9.85E-07	1.00E-05
1158	485902.5	3855785.28	1.27E-02	1.48E-02	6.63E-03	4.42E-06	1.33E-05	7.72E-06	8.94E-06	8.11E-06	3.70E-06	1.66E-06	1.48E-07	3.56E-06	7.86E-07	1.21E-06	1.93E-06	3.40E-07	8.71E-07	8.85E-06

1159	486809.46	3856465.28	1.13E-02	1.31E-02	5.89E-03	3.93E-06	1.19E-05	6.86E-06	7.95E-06	7.20E-06	3.29E-06	1.48E-06	1.31E-07	3.17E-06	6.99E-07	1.08E-06	1.71E-06	3.02E-07	7.74E-07	7.86E-06
1160	486859.46	3856465.28	1.07E-02	1.24E-02	5.55E-03	3.70E-06	1.12E-05	6.47E-06	7.49E-06	6.79E-06	3.10E-06	1.39E-06	1.24E-07	2.98E-06	6.59E-07	1.02E-06	1.61E-06	2.84E-07	7.30E-07	7.41E-06
1161	486909.46	3856465.28	1.01E-02	1.17E-02	5.23E-03	3.49E-06	1.05E-05	6.10E-06	7.07E-06	6.41E-06	2.92E-06	1.31E-06	1.17E-07	2.82E-06	6.21E-07	9.59E-07	1.52E-06	2.68E-07	6.88E-07	6.99E-06
1162	486809.46	3856515.28	1.24E-02	1.43E-02	6.44E-03	4.29E-06	1.30E-05	7.50E-06	8.69E-06	7.88E-06	3.59E-06	1.61E-06	1.43E-07	3.46E-06	7.64E-07	1.18E-06	1.87E-06	3.30E-07	8.46E-07	8.60E-06
1163	486859.46	3856515.28	1.16E-02	1.35E-02	6.04E-03	4.03E-06	1.22E-05	7.04E-06	8.15E-06	7.39E-06	3.37E-06	1.51E-06	1.34E-07	3.25E-06	7.17E-07	1.11E-06	1.76E-06	3.10E-07	7.94E-07	8.07E-06
1164	486909.46	3856515.28	1.09E-02	1.26E-02	5.67E-03	3.78E-06	1.14E-05	6.61E-06	7.66E-06	6.94E-06	3.17E-06	1.42E-06	1.26E-07	3.05E-06	6.73E-07	1.04E-06	1.65E-06	2.91E-07	7.46E-07	7.58E-06
1165	486980.94	3856357.95	8.13E-03	9.41E-03	4.22E-03	2.82E-06	8.50E-06	4.92E-06	5.70E-06	5.17E-06	2.36E-06	1.06E-06	9.41E-08	2.27E-06	5.01E-07	7.74E-07	1.23E-06	2.16E-07	5.56E-07	5.64E-06
1166	487030.94	3856357.95	7.79E-03	9.02E-03	4.05E-03	2.70E-06	8.15E-06	4.72E-06	5.47E-06	4.95E-06	2.26E-06	1.01E-06	9.02E-08	2.18E-06	4.81E-07	7.42E-07	1.18E-06	2.07E-07	5.33E-07	5.41E-06
1167	486980.94	3856407.95	8.67E-03	1.00E-02	4.51E-03	3.01E-06	9.07E-06	5.25E-06	6.08E-06	5.52E-06	2.52E-06	1.13E-06	1.00E-07	2.42E-06	5.35E-07	8.26E-07	1.31E-06	2.31E-07	5.93E-07	6.02E-06
1168	487030.94	3856407.95	8.28E-03	9.59E-03	4.31E-03	2.87E-06	8.67E-06	5.02E-06	5.81E-06	5.27E-06	2.40E-06	1.08E-06	9.58E-08	2.32E-06	5.11E-07	7.89E-07	1.25E-06	2.21E-07	5.66E-07	5.75E-06
1169	487447.18	3856437.45	6.20E-03	7.18E-03	3.22E-03	2.15E-06	6.48E-06	3.75E-06	4.35E-06	3.94E-06	1.80E-06	8.07E-07	7.17E-08	1.73E-06	3.82E-07	5.90E-07	9.36E-07	1.65E-07	4.24E-07	4.30E-06
1170	487497.18	3856437.45	5.99E-03	6.94E-03	3.11E-03	2.08E-06	6.27E-06	3.63E-06	4.20E-06	3.81E-06	1.74E-06	7.80E-07	6.93E-08	1.67E-06	3.69E-07	5.71E-07	9.05E-07	1.60E-07	4.09E-07	4.16E-06
1171	487547.18	3856437.45	5.80E-03	6.71E-03	3.01E-03	2.01E-06	6.07E-06	3.51E-06	4.07E-06	3.69E-06	1.68E-06	7.55E-07	6.71E-08	1.62E-06	3.58E-07	5.52E-07	8.76E-07	1.54E-07	3.96E-07	4.02E-06
1172	487447.18	3856487.45	6.47E-03	7.50E-03	3.36E-03	2.24E-06	6.77E-06	3.92E-06	4.54E-06	4.12E-06	1.88E-06	8.43E-07	7.49E-08	1.81E-06	3.99E-07	6.16E-07	9.78E-07	1.72E-07	4.42E-07	4.49E-06
1173	487497.18	3856487.45	6.24E-03	7.23E-03	3.25E-03	2.16E-06	6.53E-06	3.78E-06	4.38E-06	3.97E-06	1.81E-06	8.13E-07	7.22E-08	1.75E-06	3.85E-07	5.95E-07	9.43E-07	1.66E-07	4.27E-07	4.33E-06
1174	487547.18	3856487.45	6.05E-03	7.01E-03	3.15E-03	2.10E-06	6.33E-06	3.66E-06	4.24E-06	3.85E-06	1.76E-06	7.88E-07	7.00E-08	1.69E-06	3.73E-07	5.76E-07	9.14E-07	1.61E-07	4.14E-07	4.20E-06
1175	487447.18	3856537.45	6.78E-03	7.85E-03	3.53E-03	2.35E-06	7.10E-06	4.11E-06	4.76E-06	4.31E-06	1.97E-06	8.83E-07	7.85E-08	1.90E-06	4.18E-07	6.46E-07	1.02E-06	1.81E-07	4.64E-07	4.71E-06
1176	487497.18	3856537.45	6.52E-03	7.56E-03	3.39E-03	2.26E-06	6.83E-06	3.95E-06	4.58E-06	4.15E-06	1.89E-06	8.50E-07	7.55E-08	1.82E-06	4.02E-07	6.22E-07	9.86E-07	1.74E-07	4.46E-07	4.53E-06
1177	487547.18	3856537.45	6.29E-03	7.28E-03	3.27E-03	2.18E-06	6.58E-06	3.81E-06	4.41E-06	4.00E-06	1.83E-06	8.19E-07	7.28E-08	1.76E-06	3.88E-07	5.99E-07	9.50E-07	1.67E-07	4.30E-07	4.37E-06
1178	489285.89	3858826.54	4.00E-04	4.62E-04	2.13E-04	1.39E-07	4.19E-07	2.42E-07	2.80E-07	2.53E-07	1.16E-07	5.34E-08	4.63E-09	1.12E-07	2.47E-08	3.80E-08	6.02E-08	1.06E-08	2.80E-08	2.78E-07
1179	489335.89	3858826.54	3.98E-04	4.60E-04	2.12E-04	1.38E-07	4.17E-07	2.41E-07	2.78E-07	2.52E-07	1.15E-07	5.31E-08	4.61E-09	1.11E-07	2.46E-08	3.78E-08	6.00E-08	1.06E-08	2.79E-08	2.77E-07
1180	489385.89	3858826.54	3.97E-04	4.59E-04	2.12E-04	1.38E-07	4.16E-07	2.41E-07	2.78E-07	2.52E-07	1.15E-07	5.30E-08	4.60E-09	1.11E-07	2.45E-08	3.77E-08	5.98E-08	1.05E-08	2.78E-08	2.76E-07
1181	489435.89	3858826.54	3.97E-04	4.58E-04	2.11E-04	1.38E-07	4.15E-07	2.40E-07	2.77E-07	2.51E-07	1.15E-07	5.29E-08	4.59E-09	1.11E-07	2.45E-08	3.77E-08	5.97E-08	1.05E-08	2.78E-08	2.76E-07
1182	489485.89	3858826.54	3.96E-04	4.58E-04	2.11E-04	1.37E-07	4.15E-07	2.40E-07	2.77E-07	2.51E-07	1.15E-07	5.29E-08	4.59E-09	1.11E-07	2.45E-08	3.76E-08	5.97E-08	1.05E-08	2.78E-08	2.75E-07
1183	489535.89	3858826.54	3.97E-04	4.58E-04	2.11E-04	1.37E-07	4.15E-07	2.40E-07	2.77E-07	2.51E-07	1.15E-07	5.29E-08	4.59E-09	1.11E-07	2.45E-08	3.76E-08	5.97E-08	1.05E-08	2.78E-08	2.76E-07
1184	489585.89	3858826.54	3.97E-04	4.58E-04	2.11E-04	1.38E-07	4.16E-07	2.41E-07	2.78E-07	2.52E-07	1.15E-07	5.30E-08	4.60E-09	1.11E-07	2.45E-08	3.77E-08	5.98E-08	1.05E-08	2.78E-08	2.76E-07
1185	489635.89	3858826.54	3.98E-04	4.59E-04	2.12E-04	1.38E-07	4.16E-07	2.41E-07	2.78E-07	2.52E-07	1.15E-07	5.31E-08	4.61E-09	1.11E-07	2.46E-08	3.78E-08	5.99E-08	1.06E-08	2.79E-08	2.77E-07
1186	489685.89	3858826.54	3.99E-04	4.61E-04	2.13E-04	1.38E-07	4.18E-07	2.42E-07	2.79E-07	2.53E-07	1.15E-07	5.33E-08	4.62E-09	1.12E-07	2.46E-08	3.79E-08	6.01E-08	1.06E-08	2.80E-08	2.77E-07
1187	489735.89	3858826.54	4.01E-04	4.63E-04	2.13E-04	1.39E-07	4.20E-07	2.43E-07	2.80E-07	2.54E-07	1.16E-07	5.35E-08	4.64E-09	1.12E-07	2.47E-08	3.81E-08	6.04E-08	1.06E-08	2.81E-08	2.79E-07
1188	489785.89	3858826.54	4.03E-04	4.65E-04	2.14E-04	1.40E-07	4.21E-07	2.44E-07	2.81E-07	2.55E-07	1.16E-07	5.37E-08	4.66E-09	1.13E-07	2.48E-08	3.82E-08	6.06E-08	1.07E-08	2.82E-08	2.80E-07
1189	489835.89	3858826.54	4.05E-04	4.67E-04	2.15E-04	1.40E-07	4.24E-07	2.45E-07	2.83E-07	2.57E-07	1.17E-07	5.40E-08	4.68E-09	1.13E-07	2.50E-08	3.84E-08	6.10E-08	1.07E-08	2.83E-08	2.81E-07
1190	489885.89	3858826.54	4.07E-04	4.69E-04	2.16E-04	1.41E-07	4.26E-07	2.46E-07	2.84E-07	2.58E-07	1.18E-07	5.42E-08	4.71E-09	1.14E-07	2.51E-08	3.86E-08	6.13E-08	1.08E-08	2.85E-08	2.83E-07
1191	489935.89	3858826.54	4.09E-04	4.72E-04	2.18E-04	1.42E-07	4.28E-07	2.48E-07	2.86E-07	2.59E-07	1.18E-07	5.45E-08	4.73E-09	1.14E-07	2.52E-08	3.88E-08	6.16E-08	1.09E-08	2.86E-08	2.84E-07
1192	489985.89	3858826.54	4.11E-04	4.75E-04	2.19E-04	1.43E-07	4.30E-07	2.49E-07	2.88E-07	2.61E-07	1.19E-07	5.48E-08	4.76E-09	1.15E-07	2.54E-08	3.90E-08	6.19E-08	1.09E-08	2.88E-08	2.86E-07
1193	490035.89	3858826.54	4.14E-04	4.78E-04	2.20E-04	1.43E-07	4.33E-07	2.51E-07	2.89E-07	2.62E-07	1.20E-07	5.51E-08	4.79E-09	1.16E-07	2.55E-08	3.93E-08	6.23E-08	1.10E-08	2.89E-08	2.88E-07
1194	489285.89	3858876.54	3.89E-04	4.49E-04	2.07E-04	1.35E-07	4.07E-07	2.36E-07	2.72E-07	2.47E-07	1.13E-07	5.20E-08	4.51E-09	1.09E-07	2.40E-08	3.70E-08	5.86E-08	1.03E-08	2.73E-08	2.71E-07
1195	489335.89	3858876.54	3.87E-04	4.47E-04	2.06E-04	1.34E-07	4.05E-07	2.35E-07	2.71E-07	2.45E-07	1.12E-07	5.17E-08	4.48E-09	1.08E-07	2.39E-08	3.68E-08	5.83E-08	1.03E-08	2.71E-08	2.69E-07
1196	489385.89	3858876.54	3.86E-04	4.45E-04	2.05E-04	1.34E-07	4.03E-07	2.34E-07	2.70E-07	2.44E-07	1.11E-07	5.15E-08	4.46E-09	1.08E-07	2.38E-08	3.66E-08	5.81E-08	1.02E-08	2.70E-08	2.68E-07
1197	489435.89	3858876.54	3.84E-04	4.43E-04	2.05E-04	1.33E-07	4.02E-07	2.33E-07	2.69E-07	2.44E-07	1.11E-07	5.13E-08	4.45E-09	1.07E-07	2.37E-08	3.65E-08	5.79E-08	1.02E-08	2.69E-08	2.67E-07
1198	489485.89	3858876.54	3.83E-04	4.42E-04	2.04E-04	1.33E-07	4.01E-07	2.32E-07	2.68E-07	2.43E-07	1.11E-07	5.12E-08	4.44E-09	1.07E-07	2.37E-08	3.64E-08	5.77E-08	1.02E-08	2.69E-08	2.66E-07
1199	489535.89	3858876.54	3.83E-04	4.42E-04	2.04E-04	1.33E-07	4.01E-07	2.32E-07	2.68E-07	2.43E-07	1.11E-07	5.11E-08	4.43E-09	1.07E-07	2.36E-08	3.64E-08	5.77E-08	1.02E-08	2.68E-08	2.66E-07
1200	489585.89	3858876.54	3.83E-04	4.42E-04	2.04E-04	1.33E-07	4.01E-07	2.32E-07	2.68E-07	2.43E-07	1.11E-07	5.11E-08	4.43E-09	1.07E-07	2.36E-08	3.64E-08	5.77E-08	1.02E-08	2.68E-08	2.66E-07
1201	489635.89	3858876.54	3.83E-04	4.42E-04	2.04E-04	1.33E-07	4.01E-07	2.32E-07	2.68E-07	2.43E-07	1.11E-07	5.12E-08	4.44E-09	1.07E-07	2.36E-08	3.64E-08	5.77E-08	1.02E-08	2.69E-08	2.66E-07
1202	489685.89	3858876.54	3.84E-04	4.43E-04	2.05E-04	1.33E-07	4.02E-07	2.33E-07	2.68E-07	2.43E-07	1.11E-07	5.13E-08	4.44E-09	1.07E-07	2.37E-08	3.65E-08	5.78E-08	1.02E-08	2.69E-08	2.67E-07
1203	489735.89	3858876.54	3.85E-04	4.44E-04	2.05E-04	1.33E-07	4.03E-07	2.33E-07	2.69E-07	2.44E-07	1.11E-07	5.14E-08	4.46E-09	1.08E-07	2.38E-08	3.66E-08	5.80E-08	1.02E-08	2.70E-08	2.68E-07
1204	489785.89	3858876.54	3.86E-04	4.46E-04	2.06E-04	1.34E-07	4.04E-07	2.34E-07	2.70E-07	2.45E-07	1.12E-07	5.15E-08	4.47E-09	1.08E-07	2.38E-08	3.67E-08	5.82E-08	1.03E-08	2.71E-08	2.68E-07
1205	489835.89	3858876.54	3.88E-04	4.48E-04	2.07E-04	1.34E-07	4.06E-07	2.35E-07	2.71E-07	2.46E-07	1.12E-07	5.17E-08	4.49E-09	1.08E-07	2.39E-08	3.68E-08	5.84E-08	1.03E-08	2.72E-08	2.70E-07
1206	489885.89	3858876.54	3.89E-04	4.49E-04	2.07E-04	1.35E-07	4.07E-07	2.36E-07	2.72E-07	2.47E-07	1.13E-07	5.19E-08	4.51E-09	1.09E-07	2.40E-08	3.70E-08	5.86E-08	1.03E-08	2.73E-08	2.71E-07
1207	489935.89	3858876.54	3.92E-04	4.52E-04	2.08E-04	1.36E-07	4.10E-07	2.37E-07	2.74E-07	2.48E-07	1.13E-07	5.22E-08	4.53E-09	1.09E-07	2.41E-08	3.72E-08	5.90E-08	1.04E-08	2.74E-08	2.72E-07
1208	489985.89	3858876.54	3.94E-04	4.55E-04	2.10E-04	1.36E-07	4.12E-07	2.39E-07	2.75E-07	2.50E-07	1.14E-07	5.25E-08	4.56E-09	1.10E-07	2.43E-08	3.74E-08	5.93E-08	1.05E-08	2.75E-08	2.74E-07
1209	490035.89	3858876.54	3.96E-04	4.57E-04	2.11E-04	1.37E-07	4.15E-07	2.40E-07	2.77E-07	2.51E-07	1.15E-07	5.28E-08	4.58E-09	1.11E-07	2.44E-08	3.76E-08	5.97E-08	1.05E-08	2.77E-08	2.75E-07
1210	489285.89	3858926.54	3.80E-04	4.38E-04	2.02E-04	1.32E-07	3.97E-07	2.30E-07	2.65E-07	2.41E-07	1.10E-07	5.07E-08	4.39E-09	1.06E-07	2.34E-08	3.60E-08	5.72E-08	1.01E-08	2.66E-08	2.64E-07
1211	489335.89	3858926.54	3.77E-04	4.35E-04	2.01E-04	1.31E-07	3.95E-07	2.29E-07	2.64E-07	2.39E-07	1.09E-07	5.04E-08	4.37E-09	1.05E-07	2.33E-08	3.58E-08	5.68E-08	1.00E-08	2.64E-08	2.62E-07

1212	489385.89	3858926.54	3.75E-04	4.33E-04	2.00E-04	1.30E-07	3.93E-07	2.27E-07	2.62E-07	2.38E-07	1.09E-07	5.01E-08	4.34E-09	1.05E-07	2.32E-08	3.56E-08	5.65E-08	9.96E-09	2.63E-08	2.61E-07
1213	489435.89	3858926.54	3.74E-04	4.31E-04	1.99E-04	1.29E-07	3.91E-07	2.26E-07	2.61E-07	2.37E-07	1.08E-07	4.99E-08	4.32E-09	1.04E-07	2.30E-08	3.54E-08	5.62E-08	9.91E-09	2.62E-08	2.60E-07
1214	489485.89	3858926.54	3.72E-04	4.29E-04	1.98E-04	1.29E-07	3.89E-07	2.25E-07	2.60E-07	2.36E-07	1.08E-07	4.97E-08	4.31E-09	1.04E-07	2.30E-08	3.53E-08	5.60E-08	9.87E-09	2.61E-08	2.59E-07
1215	489535.89	3858926.54	3.71E-04	4.28E-04	1.98E-04	1.29E-07	3.88E-07	2.25E-07	2.59E-07	2.35E-07	1.07E-07	4.96E-08	4.30E-09	1.04E-07	2.29E-08	3.52E-08	5.59E-08	9.85E-09	2.60E-08	2.58E-07
1216	489585.89	3858926.54	3.71E-04	4.28E-04	1.98E-04	1.28E-07	3.88E-07	2.24E-07	2.59E-07	2.35E-07	1.07E-07	4.95E-08	4.29E-09	1.04E-07	2.29E-08	3.52E-08	5.58E-08	9.83E-09	2.60E-08	2.57E-07
1217	489635.89	3858926.54	3.70E-04	4.27E-04	1.97E-04	1.28E-07	3.88E-07	2.24E-07	2.59E-07	2.35E-07	1.07E-07	4.95E-08	4.29E-09	1.04E-07	2.28E-08	3.51E-08	5.58E-08	9.83E-09	2.60E-08	2.57E-07
1218	489685.89	3858926.54	3.71E-04	4.28E-04	1.98E-04	1.28E-07	3.88E-07	2.24E-07	2.59E-07	2.35E-07	1.07E-07	4.95E-08	4.29E-09	1.04E-07	2.29E-08	3.52E-08	5.58E-08	9.83E-09	2.60E-08	2.58E-07
1219	489735.89	3858926.54	3.71E-04	4.28E-04	1.98E-04	1.29E-07	3.88E-07	2.25E-07	2.59E-07	2.35E-07	1.07E-07	4.95E-08	4.29E-09	1.04E-07	2.29E-08	3.52E-08	5.58E-08	9.84E-09	2.60E-08	2.58E-07
1220	489785.89	3858926.54	3.72E-04	4.29E-04	1.98E-04	1.29E-07	3.89E-07	2.25E-07	2.60E-07	2.35E-07	1.07E-07	4.96E-08	4.30E-09	1.04E-07	2.29E-08	3.53E-08	5.59E-08	9.86E-09	2.60E-08	2.58E-07
1221	489835.89	3858926.54	3.73E-04	4.30E-04	1.99E-04	1.29E-07	3.90E-07	2.26E-07	2.61E-07	2.36E-07	1.08E-07	4.97E-08	4.31E-09	1.04E-07	2.30E-08	3.54E-08	5.61E-08	9.89E-09	2.61E-08	2.59E-07
1222	489885.89	3858926.54	3.74E-04	4.31E-04	1.99E-04	1.30E-07	3.91E-07	2.26E-07	2.61E-07	2.37E-07	1.08E-07	4.99E-08	4.33E-09	1.05E-07	2.31E-08	3.55E-08	5.63E-08	9.92E-09	2.62E-08	2.60E-07
1223	489935.89	3858926.54	3.75E-04	4.33E-04	2.00E-04	1.30E-07	3.93E-07	2.27E-07	2.62E-07	2.38E-07	1.09E-07	5.01E-08	4.34E-09	1.05E-07	2.32E-08	3.56E-08	5.65E-08	9.96E-09	2.63E-08	2.61E-07
1224	489985.89	3858926.54	3.77E-04	4.36E-04	2.01E-04	1.31E-07	3.95E-07	2.29E-07	2.64E-07	2.39E-07	1.09E-07	5.03E-08	4.37E-09	1.06E-07	2.33E-08	3.58E-08	5.68E-08	1.00E-08	2.64E-08	2.62E-07
1225	490035.89	3858926.54	3.80E-04	4.39E-04	2.02E-04	1.32E-07	3.98E-07	2.30E-07	2.66E-07	2.41E-07	1.10E-07	5.07E-08	4.40E-09	1.06E-07	2.34E-08	3.61E-08	5.72E-08	1.01E-08	2.66E-08	2.64E-07
1226	489335.89	3858976.54	3.69E-04	4.25E-04	1.97E-04	1.28E-07	3.86E-07	2.23E-07	2.58E-07	2.33E-07	1.07E-07	4.93E-08	4.26E-09	1.03E-07	2.27E-08	3.50E-08	5.55E-08	9.78E-09	2.59E-08	2.56E-07
1227	489385.89	3858976.54	3.66E-04	4.23E-04	1.95E-04	1.27E-07	3.83E-07	2.22E-07	2.56E-07	2.32E-07	1.06E-07	4.90E-08	4.24E-09	1.02E-07	2.26E-08	3.48E-08	5.51E-08	9.72E-09	2.57E-08	2.54E-07
1228	489435.89	3858976.54	3.64E-04	4.20E-04	1.94E-04	1.26E-07	3.81E-07	2.20E-07	2.54E-07	2.31E-07	1.05E-07	4.86E-08	4.21E-09	1.02E-07	2.24E-08	3.45E-08	5.48E-08	9.65E-09	2.55E-08	2.53E-07
1229	489485.89	3858976.54	3.62E-04	4.18E-04	1.93E-04	1.25E-07	3.79E-07	2.19E-07	2.53E-07	2.29E-07	1.05E-07	4.84E-08	4.19E-09	1.01E-07	2.23E-08	3.44E-08	5.45E-08	9.61E-09	2.54E-08	2.52E-07
1230	489535.89	3858976.54	3.61E-04	4.16E-04	1.92E-04	1.25E-07	3.77E-07	2.19E-07	2.52E-07	2.29E-07	1.04E-07	4.82E-08	4.17E-09	1.01E-07	2.23E-08	3.42E-08	5.43E-08	9.57E-09	2.53E-08	2.51E-07
1231	489585.89	3858976.54	3.59E-04	4.15E-04	1.92E-04	1.25E-07	3.76E-07	2.18E-07	2.51E-07	2.28E-07	1.04E-07	4.81E-08	4.16E-09	1.00E-07	2.22E-08	3.41E-08	5.41E-08	9.54E-09	2.52E-08	2.50E-07
1232	489635.89	3858976.54	3.59E-04	4.14E-04	1.91E-04	1.24E-07	3.75E-07	2.17E-07	2.51E-07	2.27E-07	1.04E-07	4.80E-08	4.15E-09	1.00E-07	2.21E-08	3.40E-08	5.40E-08	9.52E-09	2.52E-08	2.49E-07
1233	489685.89	3858976.54	3.59E-04	4.14E-04	1.91E-04	1.24E-07	3.75E-07	2.17E-07	2.51E-07	2.27E-07	1.04E-07	4.79E-08	4.15E-09	1.00E-07	2.21E-08	3.40E-08	5.40E-08	9.51E-09	2.51E-08	2.49E-07
1234	489735.89	3858976.54	3.58E-04	4.13E-04	1.91E-04	1.24E-07	3.75E-07	2.17E-07	2.50E-07	2.27E-07	1.04E-07	4.79E-08	4.15E-09	1.00E-07	2.21E-08	3.40E-08	5.39E-08	9.51E-09	2.51E-08	2.49E-07
1235	489785.89	3858976.54	3.58E-04	4.14E-04	1.91E-04	1.24E-07	3.75E-07	2.17E-07	2.50E-07	2.27E-07	1.04E-07	4.79E-08	4.15E-09	1.00E-07	2.21E-08	3.40E-08	5.40E-08	9.51E-09	2.51E-08	2.49E-07
1236	489835.89	3858976.54	3.59E-04	4.14E-04	1.91E-04	1.24E-07	3.75E-07	2.17E-07	2.51E-07	2.27E-07	1.04E-07	4.79E-08	4.15E-09	1.00E-07	2.21E-08	3.40E-08	5.40E-08	9.52E-09	2.52E-08	2.49E-07
1237	489885.89	3858976.54	3.60E-04	4.15E-04	1.92E-04	1.25E-07	3.77E-07	2.18E-07	2.52E-07	2.28E-07	1.04E-07	4.81E-08	4.17E-09	1.01E-07	2.22E-08	3.42E-08	5.42E-08	9.55E-09	2.52E-08	2.50E-07
1238	489935.89	3858976.54	3.61E-04	4.17E-04	1.92E-04	1.25E-07	3.78E-07	2.19E-07	2.52E-07	2.29E-07	1.04E-07	4.82E-08	4.18E-09	1.01E-07	2.23E-08	3.43E-08	5.44E-08	9.58E-09	2.53E-08	2.51E-07
1239	489985.89	3858976.54	3.63E-04	4.18E-04	1.93E-04	1.26E-07	3.79E-07	2.20E-07	2.53E-07	2.30E-07	1.05E-07	4.84E-08	4.20E-09	1.01E-07	2.24E-08	3.44E-08	5.46E-08	9.62E-09	2.54E-08	2.52E-07
1240	490035.89	3858976.54	3.66E-04	4.22E-04	1.95E-04	1.27E-07	3.83E-07	2.22E-07	2.56E-07	2.32E-07	1.06E-07	4.88E-08	4.23E-09	1.02E-07	2.26E-08	3.47E-08	5.51E-08	9.70E-09	2.56E-08	2.54E-07
1241	489385.89	3859026.54	3.58E-04	4.13E-04	1.91E-04	1.24E-07	3.75E-07	2.17E-07	2.50E-07	2.27E-07	1.03E-07	4.79E-08	4.14E-09	1.00E-07	2.21E-08	3.40E-08	5.39E-08	9.50E-09	2.51E-08	2.49E-07
1242	489435.89	3859026.54	3.56E-04	4.10E-04	1.90E-04	1.23E-07	3.72E-07	2.15E-07	2.48E-07	2.25E-07	1.03E-07	4.76E-08	4.11E-09	9.94E-08	2.19E-08	3.37E-08	5.35E-08	9.43E-09	2.50E-08	2.47E-07
1243	489485.89	3859026.54	3.53E-04	4.08E-04	1.89E-04	1.22E-07	3.70E-07	2.14E-07	2.47E-07	2.24E-07	1.02E-07	4.73E-08	4.09E-09	9.88E-08	2.18E-08	3.35E-08	5.32E-08	9.38E-09	2.48E-08	2.46E-07
1244	489535.89	3859026.54	3.51E-04	4.05E-04	1.88E-04	1.22E-07	3.68E-07	2.13E-07	2.46E-07	2.23E-07	1.02E-07	4.70E-08	4.07E-09	9.83E-08	2.17E-08	3.33E-08	5.29E-08	9.32E-09	2.47E-08	2.44E-07
1245	489585.89	3859026.54	3.50E-04	4.04E-04	1.87E-04	1.21E-07	3.66E-07	2.12E-07	2.45E-07	2.22E-07	1.01E-07	4.68E-08	4.05E-09	9.79E-08	2.16E-08	3.32E-08	5.27E-08	9.29E-09	2.46E-08	2.43E-07
1246	489635.89	3859026.54	3.49E-04	4.02E-04	1.86E-04	1.21E-07	3.65E-07	2.11E-07	2.44E-07	2.21E-07	1.01E-07	4.66E-08	4.04E-09	9.75E-08	2.15E-08	3.31E-08	5.25E-08	9.25E-09	2.45E-08	2.42E-07
1247	489685.89	3859026.54	3.48E-04	4.01E-04	1.86E-04	1.21E-07	3.64E-07	2.11E-07	2.43E-07	2.20E-07	1.01E-07	4.65E-08	4.03E-09	9.72E-08	2.15E-08	3.30E-08	5.24E-08	9.23E-09	2.44E-08	2.42E-07
1248	489735.89	3859026.54	3.47E-04	4.00E-04	1.85E-04	1.20E-07	3.63E-07	2.10E-07	2.43E-07	2.20E-07	1.00E-07	4.64E-08	4.02E-09	9.70E-08	2.14E-08	3.29E-08	5.22E-08	9.21E-09	2.44E-08	2.41E-07
1249	489785.89	3859026.54	3.47E-04	4.00E-04	1.85E-04	1.20E-07	3.63E-07	2.10E-07	2.42E-07	2.20E-07	1.00E-07	4.64E-08	4.01E-09	9.69E-08	2.14E-08	3.29E-08	5.22E-08	9.20E-09	2.43E-08	2.41E-07
1250	489835.89	3859026.54	3.47E-04	4.00E-04	1.85E-04	1.20E-07	3.63E-07	2.10E-07	2.43E-07	2.20E-07	1.00E-07	4.64E-08	4.02E-09	9.70E-08	2.14E-08	3.29E-08	5.22E-08	9.21E-09	2.43E-08	2.41E-07
1251	489885.89	3859026.54	3.47E-04	4.01E-04	1.85E-04	1.20E-07	3.64E-07	2.10E-07	2.43E-07	2.20E-07	1.00E-07	4.64E-08	4.02E-09	9.71E-08	2.14E-08	3.30E-08	5.23E-08	9.22E-09	2.44E-08	2.41E-07
1252	489935.89	3859026.54	3.48E-04	4.02E-04	1.86E-04	1.21E-07	3.64E-07	2.11E-07	2.43E-07	2.21E-07	1.01E-07	4.65E-08	4.03E-09	9.74E-08	2.15E-08	3.30E-08	5.24E-08	9.24E-09	2.44E-08	2.42E-07
1253	489985.89	3859026.54	3.49E-04	4.03E-04	1.86E-04	1.21E-07	3.66E-07	2.12E-07	2.44E-07	2.21E-07	1.01E-07	4.67E-08	4.04E-09	9.77E-08	2.16E-08	3.32E-08	5.26E-08	9.27E-09	2.45E-08	2.43E-07
1254	490035.89	3859026.54	3.52E-04	4.07E-04	1.88E-04	1.22E-07	3.69E-07	2.13E-07	2.46E-07	2.23E-07	1.02E-07	4.70E-08	4.08E-09	9.85E-08	2.17E-08	3.34E-08	5.30E-08	9.35E-09	2.47E-08	2.45E-07
1255	489485.89	3859076.54	3.46E-04	3.99E-04	1.85E-04	1.20E-07	3.62E-07	2.09E-07	2.42E-07	2.19E-07	9.99E-08	4.63E-08	4.00E-09	9.66E-08	2.13E-08	3.28E-08	5.20E-08	9.17E-09	2.43E-08	2.40E-07
1256	489535.89	3859076.54	3.44E-04	3.96E-04	1.84E-04	1.19E-07	3.59E-07	2.08E-07	2.40E-07	2.18E-07	9.93E-08	4.60E-08	3.98E-09	9.60E-08	2.12E-08	3.26E-08	5.17E-08	9.11E-09	2.41E-08	2.39E-07
1257	489585.89	3859076.54	3.42E-04	3.94E-04	1.83E-04	1.18E-07	3.57E-07	2.07E-07	2.39E-07	2.16E-07	9.87E-08	4.57E-08	3.95E-09	9.55E-08	2.11E-08	3.24E-08	5.14E-08	9.06E-09	2.40E-08	2.37E-07
1258	489635.89	3859076.54	3.40E-04	3.92E-04	1.82E-04	1.18E-07	3.56E-07	2.06E-07	2.37E-07	2.15E-07	9.82E-08	4.55E-08	3.93E-09	9.50E-08	2.10E-08	3.22E-08	5.11E-08	9.01E-09	2.39E-08	2.36E-07
1259	489685.89	3859076.54	3.38E-04	3.90E-04	1.81E-04	1.17E-07	3.54E-07	2.05E-07	2.36E-07	2.14E-07	9.78E-08	4.53E-08	3.91E-09	9.46E-08	2.09E-08	3.21E-08	5.09E-08	8.97E-09	2.38E-08	2.35E-07
1260	489735.89	3859076.54	3.37E-04	3.89E-04	1.80E-04	1.17E-07	3.53E-07	2.04E-07	2.36E-07	2.14E-07	9.74E-08	4.51E-08	3.90E-09	9.42E-08	2.08E-08	3.20E-08	5.07E-08	8.94E-09	2.37E-08	2.34E-07
1261	489785.89	3859076.54	3.36E-04	3.88E-04	1.80E-04	1.17E-07	3.52E-07	2.04E-07	2.35E-07	2.13E-07	9.72E-08	4.50E-08	3.89E-09	9.40E-08	2.07E-08	3.19E-08	5.06E-08	8.92E-09	2.36E-08	2.34E-07
1262	489835.89	3859076.54	3.36E-04	3.88E-04	1.79E-04	1.16E-07	3.52E-07	2.04E-07	2.35E-07	2.13E-07	9.71E-08	4.50E-08	3.89E-09	9.40E-08	2.07E-08	3.19E-08	5.06E-08	8.92E-09	2.36E-08	2.34E-07
1263	489885.89	3859076.54	3.36E-04	3.88E-04	1.79E-04	1.17E-07	3.52E-07	2.04E-07	2.35E-07	2.13E-07	9.72E-08	4.50E-08	3.89E-09	9.40E-08	2.07E-08	3.19E-08	5.06E-08	8.92E-09	2.36E-08	2.34E-07
1264	489935.89	3859076.54	3.36E-04	3.88E-04	1.80E-04	1.17E-07	3.52E-07	2.04E-07	2.35E-07	2.13E-07	9.73E-08	4.50E-08	3.89E-09	9.40E-08	2.08E-08	3.19E-08	5.06E-08	8.93E-09	2.36E-08	2.34E-07

1265	489985.89	3859076.54	3.37E-04	3.89E-04	1.80E-04	1.17E-07	3.53E-07	2.04E-07	2.36E-07	2.14E-07	9.75E-08	4.51E-08	3.90E-09	9.43E-08	2.08E-08	3.20E-08	5.08E-08	8.95E-09	2.37E-08	2.34E-07
1266	490035.89	3859076.54	3.39E-04	3.92E-04	1.81E-04	1.18E-07	3.55E-07	2.06E-07	2.37E-07	2.15E-07	9.81E-08	4.53E-08	3.93E-09	9.49E-08	2.09E-08	3.22E-08	5.11E-08	9.01E-09	2.38E-08	2.36E-07
1267	489585.89	3859126.54	3.34E-04	3.85E-04	1.79E-04	1.16E-07	3.49E-07	2.02E-07	2.33E-07	2.11E-07	9.65E-08	4.48E-08	3.86E-09	9.34E-08	2.06E-08	3.17E-08	5.03E-08	8.86E-09	2.35E-08	2.32E-07
1268	489635.89	3859126.54	3.32E-04	3.83E-04	1.77E-04	1.15E-07	3.47E-07	2.01E-07	2.32E-07	2.10E-07	9.59E-08	4.45E-08	3.84E-09	9.27E-08	2.05E-08	3.15E-08	4.99E-08	8.80E-09	2.33E-08	2.31E-07
1269	489685.89	3859126.54	3.30E-04	3.81E-04	1.76E-04	1.14E-07	3.45E-07	2.00E-07	2.30E-07	2.09E-07	9.53E-08	4.42E-08	3.82E-09	9.22E-08	2.04E-08	3.13E-08	4.96E-08	8.75E-09	2.32E-08	2.29E-07
1270	489735.89	3859126.54	3.28E-04	3.79E-04	1.76E-04	1.14E-07	3.44E-07	1.99E-07	2.29E-07	2.08E-07	9.49E-08	4.40E-08	3.80E-09	9.18E-08	2.03E-08	3.12E-08	4.94E-08	8.71E-09	2.31E-08	2.28E-07
1271	489785.89	3859126.54	3.27E-04	3.77E-04	1.75E-04	1.13E-07	3.42E-07	1.98E-07	2.29E-07	2.07E-07	9.46E-08	4.38E-08	3.79E-09	9.15E-08	2.02E-08	3.10E-08	4.92E-08	8.68E-09	2.30E-08	2.27E-07
1272	489835.89	3859126.54	3.26E-04	3.77E-04	1.74E-04	1.13E-07	3.42E-07	1.98E-07	2.28E-07	2.07E-07	9.44E-08	4.37E-08	3.78E-09	9.13E-08	2.01E-08	3.10E-08	4.91E-08	8.66E-09	2.29E-08	2.27E-07
1273	489885.89	3859126.54	3.26E-04	3.76E-04	1.74E-04	1.13E-07	3.41E-07	1.98E-07	2.28E-07	2.07E-07	9.43E-08	4.37E-08	3.78E-09	9.12E-08	2.01E-08	3.09E-08	4.91E-08	8.65E-09	2.29E-08	2.27E-07
1274	489935.89	3859126.54	3.26E-04	3.76E-04	1.74E-04	1.13E-07	3.41E-07	1.97E-07	2.28E-07	2.07E-07	9.42E-08	4.36E-08	3.77E-09	9.11E-08	2.01E-08	3.09E-08	4.91E-08	8.65E-09	2.29E-08	2.27E-07
1275	489985.89	3859126.54	3.27E-04	3.77E-04	1.74E-04	1.13E-07	3.42E-07	1.98E-07	2.28E-07	2.07E-07	9.45E-08	4.37E-08	3.78E-09	9.13E-08	2.02E-08	3.10E-08	4.92E-08	8.67E-09	2.29E-08	2.27E-07
1276	490035.89	3859126.54	3.28E-04	3.78E-04	1.75E-04	1.14E-07	3.43E-07	1.99E-07	2.29E-07	2.08E-07	9.48E-08	4.38E-08	3.79E-09	9.16E-08	2.02E-08	3.11E-08	4.93E-08	8.70E-09	2.30E-08	2.28E-07
1277	489585.89	3859176.54	3.27E-04	3.77E-04	1.75E-04	1.13E-07	3.42E-07	1.98E-07	2.29E-07	2.07E-07	9.46E-08	4.39E-08	3.79E-09	9.15E-08	2.02E-08	3.10E-08	4.92E-08	8.68E-09	2.31E-08	2.27E-07
1278	489635.89	3859176.54	3.25E-04	3.74E-04	1.74E-04	1.13E-07	3.40E-07	1.97E-07	2.27E-07	2.06E-07	9.38E-08	4.36E-08	3.76E-09	9.08E-08	2.00E-08	3.08E-08	4.89E-08	8.61E-09	2.29E-08	2.26E-07
1279	489685.89	3859176.54	3.22E-04	3.72E-04	1.73E-04	1.12E-07	3.37E-07	1.95E-07	2.25E-07	2.04E-07	9.32E-08	4.33E-08	3.73E-09	9.01E-08	1.99E-08	3.06E-08	4.85E-08	8.55E-09	2.27E-08	2.24E-07
1280	489735.89	3859176.54	3.20E-04	3.70E-04	1.72E-04	1.11E-07	3.35E-07	1.94E-07	2.24E-07	2.03E-07	9.26E-08	4.30E-08	3.71E-09	8.96E-08	1.98E-08	3.04E-08	4.82E-08	8.50E-09	2.26E-08	2.23E-07
1281	489785.89	3859176.54	3.19E-04	3.68E-04	1.71E-04	1.11E-07	3.34E-07	1.93E-07	2.23E-07	2.02E-07	9.22E-08	4.28E-08	3.69E-09	8.92E-08	1.97E-08	3.03E-08	4.80E-08	8.46E-09	2.24E-08	2.22E-07
1282	489835.89	3859176.54	3.18E-04	3.67E-04	1.70E-04	1.10E-07	3.33E-07	1.93E-07	2.22E-07	2.01E-07	9.19E-08	4.26E-08	3.68E-09	8.89E-08	1.96E-08	3.02E-08	4.78E-08	8.43E-09	2.24E-08	2.21E-07
1283	489885.89	3859176.54	3.17E-04	3.66E-04	1.70E-04	1.10E-07	3.32E-07	1.92E-07	2.22E-07	2.01E-07	9.17E-08	4.25E-08	3.67E-09	8.87E-08	1.96E-08	3.01E-08	4.77E-08	8.41E-09	2.23E-08	2.20E-07
1284	489935.89	3859176.54	3.17E-04	3.65E-04	1.69E-04	1.10E-07	3.31E-07	1.92E-07	2.21E-07	2.01E-07	9.15E-08	4.24E-08	3.66E-09	8.85E-08	1.95E-08	3.00E-08	4.76E-08	8.40E-09	2.22E-08	2.20E-07
1285	489985.89	3859176.54	3.17E-04	3.66E-04	1.69E-04	1.10E-07	3.32E-07	1.92E-07	2.21E-07	2.01E-07	9.16E-08	4.24E-08	3.67E-09	8.86E-08	1.95E-08	3.01E-08	4.77E-08	8.41E-09	2.23E-08	2.20E-07
1286	490035.89	3859176.54	3.17E-04	3.66E-04	1.69E-04	1.10E-07	3.32E-07	1.92E-07	2.21E-07	2.01E-07	9.16E-08	4.24E-08	3.67E-09	8.86E-08	1.95E-08	3.01E-08	4.77E-08	8.40E-09	2.22E-08	2.20E-07
1287	489685.89	3859226.54	3.16E-04	3.64E-04	1.69E-04	1.10E-07	3.31E-07	1.91E-07	2.21E-07	2.00E-07	9.13E-08	4.24E-08	3.66E-09	8.83E-08	1.95E-08	3.00E-08	4.75E-08	8.38E-09	2.23E-08	2.20E-07
1288	489735.89	3859226.54	3.14E-04	3.62E-04	1.68E-04	1.09E-07	3.28E-07	1.90E-07	2.19E-07	1.99E-07	9.06E-08	4.21E-08	3.63E-09	8.76E-08	1.93E-08	2.97E-08	4.72E-08	8.31E-09	2.21E-08	2.18E-07
1289	489785.89	3859226.54	3.12E-04	3.59E-04	1.67E-04	1.08E-07	3.26E-07	1.89E-07	2.18E-07	1.97E-07	9.01E-08	4.18E-08	3.61E-09	8.71E-08	1.92E-08	2.96E-08	4.69E-08	8.26E-09	2.19E-08	2.17E-07
1290	489835.89	3859226.54	3.10E-04	3.58E-04	1.66E-04	1.08E-07	3.25E-07	1.88E-07	2.17E-07	1.97E-07	8.97E-08	4.16E-08	3.59E-09	8.68E-08	1.91E-08	2.94E-08	4.67E-08	8.23E-09	2.18E-08	2.16E-07
1291	489885.89	3859226.54	3.09E-04	3.57E-04	1.65E-04	1.07E-07	3.24E-07	1.87E-07	2.16E-07	1.96E-07	8.93E-08	4.14E-08	3.58E-09	8.64E-08	1.91E-08	2.93E-08	4.65E-08	8.20E-09	2.18E-08	2.15E-07
1292	489935.89	3859226.54	3.08E-04	3.56E-04	1.65E-04	1.07E-07	3.23E-07	1.87E-07	2.15E-07	1.95E-07	8.91E-08	4.13E-08	3.57E-09	8.62E-08	1.90E-08	2.92E-08	4.64E-08	8.18E-09	2.17E-08	2.14E-07
1293	489985.89	3859226.54	3.08E-04	3.56E-04	1.65E-04	1.07E-07	3.23E-07	1.87E-07	2.16E-07	1.95E-07	8.92E-08	4.13E-08	3.57E-09	8.62E-08	1.90E-08	2.93E-08	4.64E-08	8.18E-09	2.17E-08	2.14E-07
1294	490035.89	3859226.54	3.08E-04	3.55E-04	1.64E-04	1.07E-07	3.22E-07	1.86E-07	2.15E-07	1.95E-07	8.90E-08	4.12E-08	3.56E-09	8.61E-08	1.90E-08	2.92E-08	4.63E-08	8.17E-09	2.16E-08	2.14E-07
1295	489735.89	3859276.54	3.07E-04	3.54E-04	1.65E-04	1.07E-07	3.22E-07	1.86E-07	2.15E-07	1.95E-07	8.88E-08	4.13E-08	3.56E-09	8.59E-08	1.90E-08	2.91E-08	4.62E-08	8.15E-09	2.17E-08	2.14E-07
1296	489785.89	3859276.54	3.05E-04	3.52E-04	1.64E-04	1.06E-07	3.19E-07	1.85E-07	2.13E-07	1.93E-07	8.81E-08	4.10E-08	3.53E-09	8.53E-08	1.88E-08	2.89E-08	4.59E-08	8.09E-09	2.15E-08	2.12E-07
1297	489835.89	3859276.54	3.04E-04	3.50E-04	1.63E-04	1.05E-07	3.18E-07	1.84E-07	2.12E-07	1.92E-07	8.77E-08	4.07E-08	3.51E-09	8.49E-08	1.87E-08	2.88E-08	4.57E-08	8.05E-09	2.14E-08	2.11E-07
1298	489885.89	3859276.54	3.02E-04	3.48E-04	1.62E-04	1.05E-07	3.16E-07	1.83E-07	2.11E-07	1.91E-07	8.72E-08	4.05E-08	3.49E-09	8.44E-08	1.86E-08	2.86E-08	4.54E-08	8.01E-09	2.13E-08	2.10E-07
1299	489935.89	3859276.54	3.01E-04	3.47E-04	1.61E-04	1.04E-07	3.15E-07	1.82E-07	2.10E-07	1.91E-07	8.70E-08	4.03E-08	3.48E-09	8.41E-08	1.86E-08	2.85E-08	4.53E-08	7.98E-09	2.12E-08	2.09E-07
1300	489985.89	3859276.54	3.01E-04	3.47E-04	1.61E-04	1.04E-07	3.15E-07	1.82E-07	2.10E-07	1.91E-07	8.69E-08	4.03E-08	3.48E-09	8.41E-08	1.86E-08	2.85E-08	4.53E-08	7.98E-09	2.12E-08	2.09E-07
1301	490035.89	3859276.54	2.99E-04	3.45E-04	1.60E-04	1.04E-07	3.13E-07	1.81E-07	2.09E-07	1.90E-07	8.65E-08	4.01E-08	3.47E-09	8.37E-08	1.85E-08	2.84E-08	4.51E-08	7.94E-09	2.11E-08	2.08E-07
1302	490458.06	3859590.74	2.50E-04	2.88E-04	1.33E-04	8.66E-08	2.61E-07	1.51E-07	1.75E-07	1.58E-07	7.22E-08	3.34E-08	2.89E-09	6.99E-08	1.54E-08	2.37E-08	3.76E-08	6.63E-09	1.76E-08	1.74E-07
1303	490508.06	3859590.74	2.50E-04	2.88E-04	1.33E-04	8.66E-08	2.61E-07	1.51E-07	1.75E-07	1.58E-07	7.22E-08	3.34E-08	2.89E-09	6.98E-08	1.54E-08	2.37E-08	3.76E-08	6.63E-09	1.75E-08	1.74E-07
1304	490558.06	3859590.74	2.50E-04	2.88E-04	1.33E-04	8.66E-08	2.62E-07	1.51E-07	1.75E-07	1.58E-07	7.23E-08	3.34E-08	2.89E-09	6.99E-08	1.54E-08	2.37E-08	3.76E-08	6.63E-09	1.75E-08	1.74E-07
1305	490608.06	3859590.74	2.50E-04	2.89E-04	1.34E-04	8.68E-08	2.62E-07	1.52E-07	1.75E-07	1.59E-07	7.24E-08	3.35E-08	2.90E-09	7.00E-08	1.54E-08	2.38E-08	3.77E-08	6.64E-09	1.76E-08	1.74E-07
1306	490658.06	3859590.74	2.51E-04	2.89E-04	1.34E-04	8.69E-08	2.62E-07	1.52E-07	1.75E-07	1.59E-07	7.25E-08	3.35E-08	2.90E-09	7.01E-08	1.55E-08	2.38E-08	3.78E-08	6.66E-09	1.76E-08	1.74E-07
1307	490708.06	3859590.74	2.51E-04	2.90E-04	1.34E-04	8.71E-08	2.63E-07	1.52E-07	1.76E-07	1.59E-07	7.27E-08	3.36E-08	2.91E-09	7.03E-08	1.55E-08	2.39E-08	3.79E-08	6.67E-09	1.76E-08	1.75E-07
1308	490758.06	3859590.74	2.52E-04	2.91E-04	1.34E-04	8.74E-08	2.64E-07	1.53E-07	1.76E-07	1.60E-07	7.29E-08	3.37E-08	2.92E-09	7.05E-08	1.56E-08	2.39E-08	3.80E-08	6.69E-09	1.77E-08	1.75E-07
1309	490808.06	3859590.74	2.53E-04	2.92E-04	1.35E-04	8.76E-08	2.65E-07	1.53E-07	1.77E-07	1.60E-07	7.31E-08	3.37E-08	2.93E-09	7.07E-08	1.56E-08	2.40E-08	3.81E-08	6.71E-09	1.77E-08	1.76E-07
1310	490858.06	3859590.74	2.54E-04	2.93E-04	1.35E-04	8.79E-08	2.65E-07	1.54E-07	1.77E-07	1.61E-07	7.34E-08	3.38E-08	2.94E-09	7.09E-08	1.56E-08	2.41E-08	3.82E-08	6.73E-09	1.78E-08	1.76E-07
1311	490458.06	3859640.74	2.44E-04	2.81E-04	1.30E-04	8.44E-08	2.55E-07	1.48E-07	1.70E-07	1.54E-07	7.04E-08	3.26E-08	2.82E-09	6.81E-08	1.50E-08	2.31E-08	3.67E-08	6.46E-09	1.71E-08	1.69E-07
1312	490508.06	3859640.74	2.43E-04	2.81E-04	1.30E-04	8.43E-08	2.55E-07	1.47E-07	1.70E-07	1.54E-07	7.03E-08	3.26E-08	2.82E-09	6.80E-08	1.50E-08	2.31E-08	3.66E-08	6.45E-09	1.71E-08	1.69E-07
1313	490558.06	3859640.74	2.43E-04	2.81E-04	1.30E-04	8.43E-08	2.54E-07	1.47E-07	1.70E-07	1.54E-07	7.03E-08	3.25E-08	2.81E-09	6.80E-08	1.50E-08	2.31E-08	3.66E-08	6.45E-09	1.71E-08	1.69E-07
1314	490608.06	3859640.74	2.43E-04	2.81E-04	1.30E-04	8.44E-08	2.55E-07	1.47E-07	1.70E-07	1.54E-07	7.04E-08	3.25E-08	2.82E-09	6.81E-08	1.50E-08	2.31E-08	3.67E-08	6.46E-09	1.71E-08	1.69E-07
1315	490658.06	3859640.74	2.44E-04	2.81E-04	1.30E-04	8.45E-08	2.55E-07	1.48E-07	1.71E-07	1.55E-07	7.05E-08	3.26E-08	2.82E-09	6.82E-08	1.50E-08	2.32E-08	3.67E-08	6.47E-09	1.71E-08	1.70E-07
1316	490708.06	3859640.74	2.44E-04	2.82E-04	1.30E-04	8.47E-08	2.56E-07	1.48E-07	1.71E-07	1.55E-07	7.06E-08	3.26E-08	2.83E-09	6.83E-08	1.51E-08	2.32E-08	3.68E-08	6.48E-09	1.71E-08	1.70E-07
1317	490758.06	3859640.74	2.45E-04	2.83E-04	1.30E-04	8.49E-08	2.56E-07	1.48E-07	1.71E-07	1.55E-07	7.08E-08	3.27E-08	2.83E-09	6.85E-08	1.51E-08	2.32E-08	3.69E-08	6.50E-09	1.72E-08	1.70E-07

1318	490808.06	3859640.74	2.45E-04	2.83E-04	1.31E-04	8.50E-08	2.57E-07	1.49E-07	1.72E-07	1.55E-07	7.09E-08	3.27E-08	2.84E-09	6.86E-08	1.51E-08	2.33E-08	3.69E-08	6.51E-09	1.72E-08	1.70E-07
1319	490858.06	3859640.74	2.46E-04	2.84E-04	1.31E-04	8.52E-08	2.57E-07	1.49E-07	1.72E-07	1.56E-07	7.11E-08	3.28E-08	2.84E-09	6.87E-08	1.52E-08	2.33E-08	3.70E-08	6.52E-09	1.72E-08	1.71E-07
1320	490608.06	3859690.74	2.37E-04	2.74E-04	1.27E-04	8.22E-08	2.48E-07	1.44E-07	1.66E-07	1.50E-07	6.86E-08	3.17E-08	2.75E-09	6.63E-08	1.46E-08	2.25E-08	3.57E-08	6.29E-09	1.66E-08	1.65E-07
1321	490658.06	3859690.74	2.38E-04	2.74E-04	1.27E-04	8.23E-08	2.49E-07	1.44E-07	1.66E-07	1.50E-07	6.87E-08	3.17E-08	2.75E-09	6.64E-08	1.47E-08	2.25E-08	3.58E-08	6.30E-09	1.67E-08	1.65E-07
1322	490708.06	3859690.74	2.38E-04	2.74E-04	1.27E-04	8.24E-08	2.49E-07	1.44E-07	1.66E-07	1.51E-07	6.87E-08	3.17E-08	2.75E-09	6.65E-08	1.47E-08	2.26E-08	3.58E-08	6.31E-09	1.67E-08	1.65E-07
1323	490758.06	3859690.74	2.38E-04	2.75E-04	1.27E-04	8.25E-08	2.49E-07	1.44E-07	1.67E-07	1.51E-07	6.89E-08	3.18E-08	2.76E-09	6.66E-08	1.47E-08	2.26E-08	3.59E-08	6.32E-09	1.67E-08	1.66E-07
1324	490808.06	3859690.74	2.39E-04	2.75E-04	1.27E-04	8.27E-08	2.50E-07	1.44E-07	1.67E-07	1.51E-07	6.90E-08	3.18E-08	2.76E-09	6.67E-08	1.47E-08	2.26E-08	3.59E-08	6.33E-09	1.67E-08	1.66E-07
1325	490858.06	3859690.74	2.39E-04	2.75E-04	1.27E-04	8.27E-08	2.50E-07	1.45E-07	1.67E-07	1.51E-07	6.90E-08	3.18E-08	2.76E-09	6.67E-08	1.47E-08	2.26E-08	3.59E-08	6.33E-09	1.67E-08	1.66E-07
1326	490708.06	3859740.74	2.32E-04	2.67E-04	1.23E-04	8.03E-08	2.42E-07	1.40E-07	1.62E-07	1.47E-07	6.70E-08	3.09E-08	2.68E-09	6.47E-08	1.43E-08	2.20E-08	3.49E-08	6.15E-09	1.62E-08	1.61E-07
1327	490758.06	3859740.74	2.31E-04	2.67E-04	1.23E-04	8.02E-08	2.42E-07	1.40E-07	1.62E-07	1.47E-07	6.69E-08	3.09E-08	2.68E-09	6.47E-08	1.43E-08	2.20E-08	3.49E-08	6.14E-09	1.62E-08	1.61E-07
1328	490808.06	3859740.74	2.32E-04	2.67E-04	1.23E-04	8.03E-08	2.42E-07	1.40E-07	1.62E-07	1.47E-07	6.70E-08	3.09E-08	2.68E-09	6.47E-08	1.43E-08	2.20E-08	3.49E-08	6.15E-09	1.62E-08	1.61E-07
1329	490858.06	3859740.74	2.32E-04	2.67E-04	1.23E-04	8.03E-08	2.42E-07	1.40E-07	1.62E-07	1.47E-07	6.70E-08	3.09E-08	2.68E-09	6.48E-08	1.43E-08	2.20E-08	3.49E-08	6.15E-09	1.62E-08	1.61E-07
1330	490786.56	3859749.39	2.30E-04	2.66E-04	1.23E-04	7.98E-08	2.41E-07	1.40E-07	1.61E-07	1.46E-07	6.66E-08	3.07E-08	2.67E-09	6.44E-08	1.42E-08	2.19E-08	3.47E-08	6.11E-09	1.61E-08	1.60E-07
1331	490836.56	3859749.39	2.31E-04	2.66E-04	1.23E-04	7.99E-08	2.41E-07	1.40E-07	1.61E-07	1.46E-07	6.67E-08	3.08E-08	2.67E-09	6.44E-08	1.42E-08	2.19E-08	3.47E-08	6.12E-09	1.61E-08	1.60E-07
1332	490786.56	3859799.39	2.24E-04	2.59E-04	1.19E-04	7.77E-08	2.35E-07	1.36E-07	1.57E-07	1.42E-07	6.49E-08	2.99E-08	2.60E-09	6.27E-08	1.38E-08	2.13E-08	3.38E-08	5.95E-09	1.57E-08	1.56E-07
1333	490836.56	3859799.39	2.24E-04	2.59E-04	1.19E-04	7.77E-08	2.35E-07	1.36E-07	1.57E-07	1.42E-07	6.49E-08	2.99E-08	2.60E-09	6.27E-08	1.38E-08	2.13E-08	3.38E-08	5.95E-09	1.57E-08	1.56E-07
1334	492307.84	3854508.36	5.14E-04	5.95E-04	2.69E-04	1.78E-07	5.38E-07	3.12E-07	3.60E-07	3.27E-07	1.49E-07	6.74E-08	5.95E-09	1.44E-07	3.17E-08	4.89E-08	7.76E-08	1.37E-08	3.53E-08	3.57E-07
1335	486445.7	3854753.6	7.27E-04	8.42E-04	3.79E-04	2.52E-07	7.61E-07	4.41E-07	5.10E-07	4.62E-07	2.11E-07	9.51E-08	8.42E-09	2.03E-07	4.49E-08	6.93E-08	1.10E-07	1.94E-08	4.99E-08	5.05E-07
1336	472599.75	3877830.11	1.09E-05	1.25E-05	5.74E-06	3.76E-09	1.14E-08	6.58E-09	7.60E-09	6.89E-09	3.14E-09	1.44E-09	1.26E-10	3.04E-09	6.70E-10	1.03E-09	1.64E-09	2.89E-10	7.54E-10	7.54E-09
1337	493107.48	3866840.19	3.45E-05	3.99E-05	1.82E-05	1.19E-08	3.61E-08	2.09E-08	2.41E-08	2.19E-08	9.99E-09	4.55E-09	3.99E-10	9.64E-09	2.13E-09	3.28E-09	5.20E-09	9.16E-10	2.39E-09	2.39E-08
1338	495815.8	3861662.87	1.13E-04	1.30E-04	5.92E-05	3.91E-08	1.18E-07	6.83E-08	7.90E-08	7.16E-08	3.27E-08	1.48E-08	1.30E-09	3.15E-08	6.95E-09	1.07E-08	1.70E-08	3.00E-09	7.79E-09	7.83E-08
1339	480272.33	3841389.2	4.01E-06	4.60E-06	2.20E-06	1.39E-09	4.19E-09	2.43E-09	2.79E-09	2.53E-09	1.15E-09	5.52E-10	4.64E-11	1.12E-09	2.47E-10	3.78E-10	6.00E-10	1.06E-10	2.90E-10	2.79E-09
1340	497005.18	3862813.64	7.75E-05	8.97E-05	4.07E-05	2.69E-08	8.11E-08	4.70E-08	5.43E-08	4.92E-08	2.25E-08	1.02E-08	8.97E-10	2.17E-08	4.78E-09	7.38E-09	1.17E-08	2.06E-09	5.36E-09	5.39E-08
1341	493677.33	3860302.55	1.98E-04	2.29E-04	1.04E-04	6.86E-08	2.07E-07	1.20E-07	1.39E-07	1.26E-07	5.73E-08	2.61E-08	2.29E-09	5.53E-08	1.22E-08	1.88E-08	2.98E-08	5.26E-09	1.37E-08	1.37E-07
1342	493727.33	3860302.55	1.98E-04	2.29E-04	1.04E-04	6.86E-08	2.07E-07	1.20E-07	1.39E-07	1.26E-07	5.73E-08	2.61E-08	2.29E-09	5.53E-08	1.22E-08	1.88E-08	2.98E-08	5.26E-09	1.37E-08	1.37E-07
1343	493777.33	3860302.55	1.98E-04	2.29E-04	1.04E-04	6.85E-08	2.07E-07	1.20E-07	1.38E-07	1.26E-07	5.73E-08	2.61E-08	2.29E-09	5.53E-08	1.22E-08	1.88E-08	2.98E-08	5.26E-09	1.37E-08	1.37E-07
1344	493827.33	3860302.55	1.98E-04	2.28E-04	1.04E-04	6.85E-08	2.07E-07	1.20E-07	1.38E-07	1.25E-07	5.72E-08	2.61E-08	2.29E-09	5.53E-08	1.22E-08	1.88E-08	2.98E-08	5.25E-09	1.37E-08	1.37E-07
1345	493877.33	3860302.55	1.97E-04	2.28E-04	1.04E-04	6.84E-08	2.07E-07	1.20E-07	1.38E-07	1.25E-07	5.72E-08	2.61E-08	2.28E-09	5.52E-08	1.22E-08	1.88E-08	2.98E-08	5.25E-09	1.37E-08	1.37E-07
1346	493927.33	3860302.55	1.97E-04	2.28E-04	1.04E-04	6.83E-08	2.06E-07	1.19E-07	1.38E-07	1.25E-07	5.71E-08	2.60E-08	2.28E-09	5.51E-08	1.22E-08	1.87E-08	2.97E-08	5.24E-09	1.37E-08	1.37E-07
1347	493977.33	3860302.55	1.97E-04	2.28E-04	1.04E-04	6.83E-08	2.06E-07	1.19E-07	1.38E-07	1.25E-07	5.71E-08	2.60E-08	2.28E-09	5.51E-08	1.22E-08	1.87E-08	2.97E-08	5.24E-09	1.37E-08	1.37E-07
1348	494027.33	3860302.55	1.97E-04	2.28E-04	1.04E-04	6.82E-08	2.06E-07	1.19E-07	1.38E-07	1.25E-07	5.70E-08	2.60E-08	2.28E-09	5.50E-08	1.21E-08	1.87E-08	2.97E-08	5.23E-09	1.36E-08	1.37E-07
1349	493677.33	3860352.55	1.94E-04	2.24E-04	1.02E-04	6.71E-08	2.03E-07	1.17E-07	1.35E-07	1.23E-07	5.60E-08	2.56E-08	2.24E-09	5.41E-08	1.19E-08	1.84E-08	2.92E-08	5.14E-09	1.34E-08	1.34E-07
1350	493727.33	3860352.55	1.93E-04	2.24E-04	1.02E-04	6.71E-08	2.02E-07	1.17E-07	1.35E-07	1.23E-07	5.60E-08	2.56E-08	2.24E-09	5.41E-08	1.19E-08	1.84E-08	2.92E-08	5.14E-09	1.34E-08	1.34E-07
1351	493777.33	3860352.55	1.93E-04	2.24E-04	1.02E-04	6.70E-08	2.02E-07	1.17E-07	1.35E-07	1.23E-07	5.60E-08	2.55E-08	2.24E-09	5.41E-08	1.19E-08	1.84E-08	2.92E-08	5.14E-09	1.34E-08	1.34E-07
1352	493827.33	3860352.55	1.93E-04	2.23E-04	1.02E-04	6.70E-08	2.02E-07	1.17E-07	1.35E-07	1.23E-07	5.60E-08	2.55E-08	2.24E-09	5.40E-08	1.19E-08	1.84E-08	2.92E-08	5.14E-09	1.34E-08	1.34E-07
1353	493877.33	3860352.55	1.93E-04	2.23E-04	1.02E-04	6.70E-08	2.02E-07	1.17E-07	1.35E-07	1.23E-07	5.60E-08	2.55E-08	2.24E-09	5.40E-08	1.19E-08	1.84E-08	2.92E-08	5.14E-09	1.34E-08	1.34E-07
1354	493927.33	3860352.55	1.93E-04	2.23E-04	1.02E-04	6.70E-08	2.02E-07	1.17E-07	1.35E-07	1.23E-07	5.60E-08	2.55E-08	2.24E-09	5.41E-08	1.19E-08	1.84E-08	2.92E-08	5.14E-09	1.34E-08	1.34E-07
1355	493977.33	3860352.55	1.93E-04	2.24E-04	1.02E-04	6.70E-08	2.02E-07	1.17E-07	1.35E-07	1.23E-07	5.60E-08	2.55E-08	2.24E-09	5.41E-08	1.19E-08	1.84E-08	2.92E-08	5.14E-09	1.34E-08	1.34E-07
1356	494027.33	3860352.55	1.93E-04	2.23E-04	1.02E-04	6.70E-08	2.02E-07	1.17E-07	1.35E-07	1.23E-07	5.60E-08	2.55E-08	2.24E-09	5.40E-08	1.19E-08	1.84E-08	2.91E-08	5.13E-09	1.34E-08	1.34E-07
1357	493677.33	3860402.55	1.89E-04	2.18E-04	9.95E-05	6.54E-08	1.98E-07	1.14E-07	1.32E-07	1.20E-07	5.47E-08	2.49E-08	2.18E-09	5.28E-08	1.16E-08	1.79E-08	2.85E-08	5.02E-09	1.31E-08	1.31E-07
1358	493727.33	3860402.55	1.89E-04	2.18E-04	9.95E-05	6.54E-08	1.98E-07	1.14E-07	1.32E-07	1.20E-07	5.47E-08	2.49E-08	2.19E-09	5.28E-08	1.16E-08	1.80E-08	2.85E-08	5.02E-09	1.31E-08	1.31E-07
1359	493777.33	3860402.55	1.89E-04	2.19E-04	9.98E-05	6.56E-08	1.98E-07	1.15E-07	1.33E-07	1.20E-07	5.48E-08	2.50E-08	2.19E-09	5.29E-08	1.17E-08	1.80E-08	2.86E-08	5.03E-09	1.31E-08	1.32E-07
1360	493827.33	3860402.55	1.89E-04	2.19E-04	9.97E-05	6.56E-08	1.98E-07	1.15E-07	1.32E-07	1.20E-07	5.48E-08	2.50E-08	2.19E-09	5.29E-08	1.17E-08	1.80E-08	2.85E-08	5.03E-09	1.31E-08	1.31E-07
1361	493877.33	3860402.55	1.89E-04	2.19E-04	9.96E-05	6.55E-08	1.98E-07	1.15E-07	1.32E-07	1.20E-07	5.48E-08	2.50E-08	2.19E-09	5.29E-08	1.17E-08	1.80E-08	2.85E-08	5.03E-09	1.31E-08	1.31E-07
1362	493927.33	3860402.55	1.89E-04	2.19E-04	9.98E-05	6.56E-08	1.98E-07	1.15E-07	1.33E-07	1.20E-07	5.48E-08	2.50E-08	2.19E-09	5.29E-08	1.17E-08	1.80E-08	2.86E-08	5.03E-09	1.31E-08	1.32E-07
1363	493977.33	3860402.55	1.90E-04	2.19E-04	1.00E-04	6.57E-08	1.99E-07	1.15E-07	1.33E-07	1.20E-07	5.49E-08	2.50E-08	2.20E-09	5.30E-08	1.17E-08	1.80E-08	2.86E-08	5.04E-09	1.31E-08	1.32E-07
1364	494027.33	3860402.55	1.89E-04	2.19E-04	9.98E-05	6.57E-08	1.98E-07	1.15E-07	1.33E-07	1.20E-07	5.49E-08	2.50E-08	2.19E-09	5.30E-08	1.17E-08	1.80E-08	2.86E-08	5.04E-09	1.31E-08	1.32E-07
1365	493677.33	3860452.55	1.84E-04	2.13E-04	9.71E-05	6.39E-08	1.93E-07	1.12E-07	1.29E-07	1.17E-07	5.34E-08	2.43E-08	2.13E-09	5.15E-08	1.14E-08	1.75E-08	2.78E-08	4.90E-09	1.28E-08	1.28E-07
1366	493727.33	3860452.55	1.84E-04	2.13E-04	9.70E-05	6.38E-08	1.93E-07	1.12E-07	1.29E-07	1.17E-07	5.33E-08	2.43E-08	2.13E-09	5.15E-08	1.14E-08	1.75E-08	2.78E-08	4.89E-09	1.28E-08	1.28E-07
1367	493777.33	3860452.55	1.84E-04	2.13E-04	9.71E-05	6.39E-08	1.93E-07	1.12E-07	1.29E-07	1.17E-07	5.34E-08	2.43E-08	2.13E-09	5.15E-08	1.14E-08	1.75E-08	2.78E-08	4.90E-09	1.28E-08	1.28E-07
1368	493827.33	3860452.55	1.85E-04	2.14E-04	9.73E-05	6.40E-08	1.93E-07	1.12E-07	1.29E-07	1.17E-07	5.35E-08	2.44E-08	2.14E-09	5.16E-08	1.14E-08	1.76E-08	2.79E-08	4.91E-09	1.28E-08	1.28E-07
1369	493877.33	3860452.55	1.85E-04	2.14E-04	9.75E-05	6.41E-08	1.94E-07	1.12E-07	1.30E-07	1.17E-07	5.36E-08	2.44E-08	2.14E-09	5.17E-08	1.14E-08	1.76E-08	2.79E-08	4.92E-09	1.28E-08	1.28E-07
1370	493927.33	3860452.55	1.86E-04	2.15E-04	9.78E-05	6.43E-08	1.94E-07	1.12E-07	1.30E-07	1.18E-07	5.38E-08	2.45E-08	2.15E-09	5.19E-08	1.14E-08	1.76E-08	2.80E-08	4.93E-09	1.29E-08	1.29E-07

1371	493977.33	3860452.55	1.86E-04	2.15E-04	9.78E-05	6.43E-08	1.94E-07	1.12E-07	1.30E-07	1.18E-07	5.37E-08	2.45E-08	2.15E-09	5.19E-08	1.14E-08	1.76E-08	2.80E-08	4.93E-09	1.29E-08	1.29E-07
1372	494027.33	3860452.55	1.85E-04	2.14E-04	9.77E-05	6.43E-08	1.94E-07	1.12E-07	1.30E-07	1.18E-07	5.37E-08	2.45E-08	2.15E-09	5.19E-08	1.14E-08	1.76E-08	2.80E-08	4.93E-09	1.29E-08	1.29E-07
1373	493677.33	3860502.55	1.80E-04	2.08E-04	9.46E-05	6.22E-08	1.88E-07	1.09E-07	1.26E-07	1.14E-07	5.20E-08	2.37E-08	2.08E-09	5.02E-08	1.11E-08	1.71E-08	2.71E-08	4.77E-09	1.24E-08	1.25E-07
1374	493727.33	3860502.55	1.80E-04	2.08E-04	9.46E-05	6.23E-08	1.88E-07	1.09E-07	1.26E-07	1.14E-07	5.20E-08	2.37E-08	2.08E-09	5.02E-08	1.11E-08	1.71E-08	2.71E-08	4.78E-09	1.24E-08	1.25E-07
1375	493777.33	3860502.55	1.80E-04	2.08E-04	9.48E-05	6.24E-08	1.88E-07	1.09E-07	1.26E-07	1.14E-07	5.21E-08	2.38E-08	2.08E-09	5.03E-08	1.11E-08	1.71E-08	2.71E-08	4.78E-09	1.25E-08	1.25E-07
1376	493827.33	3860502.55	1.80E-04	2.08E-04	9.50E-05	6.25E-08	1.89E-07	1.09E-07	1.26E-07	1.14E-07	5.22E-08	2.38E-08	2.09E-09	5.04E-08	1.11E-08	1.71E-08	2.72E-08	4.79E-09	1.25E-08	1.25E-07
1377	493877.33	3860502.55	1.81E-04	2.09E-04	9.52E-05	6.26E-08	1.89E-07	1.09E-07	1.27E-07	1.15E-07	5.23E-08	2.39E-08	2.09E-09	5.05E-08	1.11E-08	1.72E-08	2.73E-08	4.80E-09	1.25E-08	1.26E-07
1378	493927.33	3860502.55	1.81E-04	2.10E-04	9.55E-05	6.28E-08	1.90E-07	1.10E-07	1.27E-07	1.15E-07	5.25E-08	2.39E-08	2.10E-09	5.07E-08	1.12E-08	1.72E-08	2.73E-08	4.82E-09	1.26E-08	1.26E-07
1379	493977.33	3860502.55	1.81E-04	2.10E-04	9.55E-05	6.28E-08	1.90E-07	1.10E-07	1.27E-07	1.15E-07	5.25E-08	2.39E-08	2.10E-09	5.07E-08	1.12E-08	1.72E-08	2.73E-08	4.82E-09	1.26E-08	1.26E-07
1380	494027.33	3860502.55	1.81E-04	2.10E-04	9.56E-05	6.29E-08	1.90E-07	1.10E-07	1.27E-07	1.15E-07	5.25E-08	2.39E-08	2.10E-09	5.07E-08	1.12E-08	1.72E-08	2.74E-08	4.82E-09	1.26E-08	1.26E-07
1381	493627.33	3860552.55	1.74E-04	2.02E-04	9.18E-05	6.04E-08	1.82E-07	1.06E-07	1.22E-07	1.11E-07	5.05E-08	2.30E-08	2.02E-09	4.87E-08	1.08E-08	1.66E-08	2.63E-08	4.63E-09	1.21E-08	1.21E-07
1382	493677.33	3860552.55	1.75E-04	2.02E-04	9.20E-05	6.05E-08	1.83E-07	1.06E-07	1.22E-07	1.11E-07	5.06E-08	2.30E-08	2.02E-09	4.88E-08	1.08E-08	1.66E-08	2.63E-08	4.64E-09	1.21E-08	1.21E-07
1383	493727.33	3860552.55	1.75E-04	2.02E-04	9.21E-05	6.06E-08	1.83E-07	1.06E-07	1.22E-07	1.11E-07	5.06E-08	2.31E-08	2.02E-09	4.89E-08	1.08E-08	1.66E-08	2.64E-08	4.65E-09	1.21E-08	1.21E-07
1384	493777.33	3860552.55	1.75E-04	2.03E-04	9.24E-05	6.08E-08	1.83E-07	1.06E-07	1.23E-07	1.11E-07	5.08E-08	2.31E-08	2.03E-09	4.90E-08	1.08E-08	1.67E-08	2.64E-08	4.66E-09	1.21E-08	1.22E-07
1385	493827.33	3860552.55	1.76E-04	2.03E-04	9.27E-05	6.10E-08	1.84E-07	1.07E-07	1.23E-07	1.12E-07	5.10E-08	2.32E-08	2.04E-09	4.92E-08	1.09E-08	1.67E-08	2.65E-08	4.68E-09	1.22E-08	1.22E-07
1386	493877.33	3860552.55	1.76E-04	2.04E-04	9.28E-05	6.11E-08	1.84E-07	1.07E-07	1.23E-07	1.12E-07	5.10E-08	2.33E-08	2.04E-09	4.92E-08	1.09E-08	1.67E-08	2.66E-08	4.68E-09	1.22E-08	1.22E-07
1387	493927.33	3860552.55	1.77E-04	2.04E-04	9.31E-05	6.12E-08	1.85E-07	1.07E-07	1.24E-07	1.12E-07	5.12E-08	2.33E-08	2.04E-09	4.94E-08	1.09E-08	1.68E-08	2.66E-08	4.70E-09	1.22E-08	1.23E-07
1388	493977.33	3860552.55	1.77E-04	2.05E-04	9.33E-05	6.14E-08	1.85E-07	1.07E-07	1.24E-07	1.12E-07	5.13E-08	2.34E-08	2.05E-09	4.95E-08	1.09E-08	1.68E-08	2.67E-08	4.71E-09	1.23E-08	1.23E-07
1389	494027.33	3860552.55	1.77E-04	2.05E-04	9.34E-05	6.14E-08	1.86E-07	1.07E-07	1.24E-07	1.13E-07	5.14E-08	2.34E-08	2.05E-09	4.96E-08	1.09E-08	1.69E-08	2.67E-08	4.71E-09	1.23E-08	1.23E-07
1390	493627.33	3860602.55	1.70E-04	1.96E-04	8.93E-05	5.88E-08	1.77E-07	1.03E-07	1.19E-07	1.08E-07	4.91E-08	2.24E-08	1.96E-09	4.74E-08	1.05E-08	1.61E-08	2.56E-08	4.51E-09	1.17E-08	1.18E-07
1391	493727.33	3860602.55	1.70E-04	1.96E-04	8.95E-05	5.89E-08	1.78E-07	1.03E-07	1.19E-07	1.08E-07	4.92E-08	2.24E-08	1.97E-09	4.75E-08	1.05E-08	1.62E-08	2.56E-08	4.52E-09	1.18E-08	1.18E-07
1392	493777.33	3860602.55	1.71E-04	1.97E-04	9.00E-05	5.92E-08	1.79E-07	1.03E-07	1.20E-07	1.08E-07	4.95E-08	2.25E-08	1.98E-09	4.77E-08	1.05E-08	1.62E-08	2.58E-08	4.54E-09	1.18E-08	1.19E-07
1393	493827.33	3860602.55	1.71E-04	1.98E-04	9.02E-05	5.94E-08	1.79E-07	1.04E-07	1.20E-07	1.09E-07	4.96E-08	2.26E-08	1.98E-09	4.79E-08	1.06E-08	1.63E-08	2.58E-08	4.55E-09	1.19E-08	1.19E-07
1394	493877.33	3860602.55	1.72E-04	1.99E-04	9.06E-05	5.96E-08	1.80E-07	1.04E-07	1.20E-07	1.09E-07	4.98E-08	2.27E-08	1.99E-09	4.81E-08	1.06E-08	1.64E-08	2.59E-08	4.57E-09	1.19E-08	1.19E-07
1395	493927.33	3860602.55	1.72E-04	1.99E-04	9.08E-05	5.98E-08	1.80E-07	1.04E-07	1.21E-07	1.09E-07	5.00E-08	2.28E-08	2.00E-09	4.82E-08	1.06E-08	1.64E-08	2.60E-08	4.59E-09	1.19E-08	1.20E-07
1396	493977.33	3860602.55	1.73E-04	2.00E-04	9.11E-05	5.99E-08	1.81E-07	1.05E-07	1.21E-07	1.10E-07	5.01E-08	2.28E-08	2.00E-09	4.84E-08	1.07E-08	1.64E-08	2.61E-08	4.60E-09	1.20E-08	1.20E-07
1397	494027.33	3860602.55	1.73E-04	2.00E-04	9.11E-05	6.00E-08	1.81E-07	1.05E-07	1.21E-07	1.10E-07	5.01E-08	2.28E-08	2.00E-09	4.84E-08	1.07E-08	1.65E-08	2.61E-08	4.60E-09	1.20E-08	1.20E-07
1398	493627.33	3860652.55	1.65E-04	1.90E-04	8.67E-05	5.70E-08	1.72E-07	9.97E-08	1.15E-07	1.04E-07	4.77E-08	2.17E-08	1.90E-09	4.60E-08	1.02E-08	1.56E-08	2.48E-08	4.38E-09	1.14E-08	1.14E-07
1399	493727.33	3860652.55	1.65E-04	1.91E-04	8.70E-05	5.72E-08	1.73E-07	1.00E-07	1.16E-07	1.05E-07	4.78E-08	2.18E-08	1.91E-09	4.62E-08	1.02E-08	1.57E-08	2.49E-08	4.39E-09	1.14E-08	1.15E-07
1400	493777.33	3860652.55	1.66E-04	1.92E-04	8.74E-05	5.75E-08	1.74E-07	1.01E-07	1.16E-07	1.05E-07	4.81E-08	2.19E-08	1.92E-09	4.64E-08	1.02E-08	1.58E-08	2.50E-08	4.41E-09	1.15E-08	1.15E-07
1401	493827.33	3860652.55	1.67E-04	1.93E-04	8.78E-05	5.78E-08	1.75E-07	1.01E-07	1.17E-07	1.06E-07	4.83E-08	2.20E-08	1.93E-09	4.66E-08	1.03E-08	1.59E-08	2.52E-08	4.43E-09	1.15E-08	1.16E-07
1402	493877.33	3860652.55	1.68E-04	1.94E-04	8.83E-05	5.81E-08	1.75E-07	1.02E-07	1.17E-07	1.06E-07	4.86E-08	2.21E-08	1.94E-09	4.69E-08	1.03E-08	1.59E-08	2.53E-08	4.46E-09	1.16E-08	1.16E-07
1403	493927.33	3860652.55	1.68E-04	1.94E-04	8.85E-05	5.83E-08	1.76E-07	1.02E-07	1.18E-07	1.07E-07	4.87E-08	2.22E-08	1.95E-09	4.70E-08	1.04E-08	1.60E-08	2.54E-08	4.47E-09	1.16E-08	1.17E-07
1404	493977.33	3860652.55	1.69E-04	1.95E-04	8.88E-05	5.84E-08	1.76E-07	1.02E-07	1.18E-07	1.07E-07	4.88E-08	2.22E-08	1.95E-09	4.71E-08	1.04E-08	1.60E-08	2.54E-08	4.48E-09	1.17E-08	1.17E-07
1405	494027.33	3860652.55	1.69E-04	1.96E-04	8.91E-05	5.86E-08	1.77E-07	1.02E-07	1.18E-07	1.07E-07	4.90E-08	2.23E-08	1.96E-09	4.73E-08	1.04E-08	1.61E-08	2.55E-08	4.50E-09	1.17E-08	1.17E-07
1406	494311.06	3858401.99	2.32E-04	2.68E-04	1.24E-04	8.04E-08	2.43E-07	1.40E-07	1.62E-07	1.47E-07	6.71E-08	3.10E-08	2.68E-09	6.48E-08	1.43E-08	2.20E-08	3.49E-08	6.15E-09	1.63E-08	1.61E-07
1407	494361.06	3858401.99	2.28E-04	2.63E-04	1.22E-04	7.90E-08	2.39E-07	1.38E-07	1.59E-07	1.44E-07	6.59E-08	3.04E-08	2.64E-09	6.37E-08	1.41E-08	2.16E-08	3.43E-08	6.05E-09	1.60E-08	1.58E-07
1408	494411.06	3858401.99	2.25E-04	2.60E-04	1.20E-04	7.81E-08	2.36E-07	1.37E-07	1.58E-07	1.43E-07	6.52E-08	3.01E-08	2.61E-09	6.30E-08	1.39E-08	2.14E-08	3.39E-08	5.98E-09	1.58E-08	1.57E-07
1409	494461.06	3858401.99	2.25E-04	2.59E-04	1.20E-04	7.78E-08	2.35E-07	1.36E-07	1.57E-07	1.42E-07	6.49E-08	3.00E-08	2.60E-09	6.28E-08	1.38E-08	2.13E-08	3.38E-08	5.96E-09	1.57E-08	1.56E-07
1410	494511.06	3858401.99	2.22E-04	2.56E-04	1.18E-04	7.68E-08	2.32E-07	1.34E-07	1.55E-07	1.40E-07	6.41E-08	2.96E-08	2.57E-09	6.20E-08	1.37E-08	2.10E-08	3.34E-08	5.88E-09	1.55E-08	1.54E-07
1411	494561.06	3858401.99	2.21E-04	2.55E-04	1.18E-04	7.65E-08	2.31E-07	1.34E-07	1.54E-07	1.40E-07	6.38E-08	2.95E-08	2.55E-09	6.17E-08	1.36E-08	2.09E-08	3.32E-08	5.85E-09	1.55E-08	1.53E-07
1412	494611.06	3858401.99	2.18E-04	2.51E-04	1.16E-04	7.55E-08	2.28E-07	1.32E-07	1.52E-07	1.38E-07	6.30E-08	2.91E-08	2.52E-09	6.09E-08	1.34E-08	2.07E-08	3.28E-08	5.78E-09	1.53E-08	1.51E-07
1413	494661.06	3858401.99	2.15E-04	2.48E-04	1.15E-04	7.46E-08	2.25E-07	1.30E-07	1.50E-07	1.36E-07	6.22E-08	2.87E-08	2.49E-09	6.02E-08	1.33E-08	2.04E-08	3.24E-08	5.71E-09	1.51E-08	1.50E-07
1414	494711.06	3858401.99	2.12E-04	2.44E-04	1.13E-04	7.33E-08	2.21E-07	1.28E-07	1.48E-07	1.34E-07	6.12E-08	2.83E-08	2.45E-09	5.91E-08	1.30E-08	2.01E-08	3.18E-08	5.61E-09	1.48E-08	1.47E-07
1415	494761.06	3858401.99	2.10E-04	2.42E-04	1.12E-04	7.27E-08	2.20E-07	1.27E-07	1.47E-07	1.33E-07	6.07E-08	2.80E-08	2.43E-09	5.86E-08	1.29E-08	1.99E-08	3.16E-08	5.57E-09	1.47E-08	1.46E-07
1416	494811.06	3858401.99	2.07E-04	2.39E-04	1.10E-04	7.18E-08	2.17E-07	1.25E-07	1.45E-07	1.31E-07	5.99E-08	2.77E-08	2.40E-09	5.79E-08	1.28E-08	1.97E-08	3.12E-08	5.49E-09	1.45E-08	1.44E-07
1417	494861.06	3858401.99	2.05E-04	2.36E-04	1.09E-04	7.09E-08	2.14E-07	1.24E-07	1.43E-07	1.30E-07	5.92E-08	2.73E-08	2.37E-09	5.72E-08	1.26E-08	1.94E-08	3.08E-08	5.43E-09	1.43E-08	1.42E-07
1418	494911.06	3858401.99	2.02E-04	2.33E-04	1.08E-04	7.01E-08	2.12E-07	1.23E-07	1.41E-07	1.28E-07	5.85E-08	2.70E-08	2.34E-09	5.66E-08	1.25E-08	1.92E-08	3.05E-08	5.37E-09	1.42E-08	1.41E-07
1419	494961.06	3858401.99	2.00E-04	2.31E-04	1.07E-04	6.93E-08	2.09E-07	1.21E-07	1.40E-07	1.27E-07	5.78E-08	2.67E-08	2.31E-09	5.59E-08	1.23E-08	1.90E-08	3.01E-08	5.30E-09	1.40E-08	1.39E-07
1420	495011.06	3858401.99	1.97E-04	2.27E-04	1.05E-04	6.81E-08	2.06E-07	1.19E-07	1.37E-07	1.25E-07	5.68E-08	2.63E-08	2.27E-09	5.49E-08	1.21E-08	1.87E-08	2.96E-08	5.21E-09	1.38E-08	1.37E-07
1421	495061.06	3858401.99	1.94E-04	2.24E-04	1.03E-04	6.73E-08	2.03E-07	1.18E-07	1.36E-07	1.23E-07	5.61E-08	2.59E-08	2.25E-09	5.42E-08	1.20E-08	1.84E-08	2.92E-08	5.15E-09	1.36E-08	1.35E-07
1422	495111.06	3858401.99	1.89E-04	2.18E-04	1.01E-04	6.55E-08	1.98E-07	1.15E-07	1.32E-07	1.20E-07	5.47E-08	2.53E-08	2.19E-09	5.29E-08	1.17E-08	1.79E-08	2.85E-08	5.02E-09	1.33E-08	1.31E-07
1423	495161.06	3858401.99	1.88E-04	2.17E-04	1.01E-04	6.53E-08	1.97E-07	1.14E-07	1.32E-07	1.19E-07	5.45E-08	2.52E-08	2.18E-09	5.27E-08	1.16E-08	1.79E-08	2.84E-08	5.00E-09	1.32E-08	1.31E-07

1424	495211.06	3858401.99	1.84E-04	2.12E-04	9.82E-05	6.38E-08	1.93E-07	1.12E-07	1.29E-07	1.17E-07	5.32E-08	2.46E-08	2.13E-09	5.15E-08	1.14E-08	1.75E-08	2.77E-08	4.88E-09	1.29E-08	1.28E-07
1425	495261.06	3858401.99	1.82E-04	2.10E-04	9.71E-05	6.31E-08	1.90E-07	1.10E-07	1.27E-07	1.15E-07	5.26E-08	2.43E-08	2.11E-09	5.09E-08	1.12E-08	1.73E-08	2.74E-08	4.83E-09	1.28E-08	1.26E-07
1426	495311.06	3858401.99	1.80E-04	2.07E-04	9.59E-05	6.23E-08	1.88E-07	1.09E-07	1.26E-07	1.14E-07	5.19E-08	2.40E-08	2.08E-09	5.02E-08	1.11E-08	1.70E-08	2.70E-08	4.77E-09	1.26E-08	1.25E-07
1427	495361.06	3858401.99	1.78E-04	2.06E-04	9.51E-05	6.17E-08	1.86E-07	1.08E-07	1.24E-07	1.13E-07	5.15E-08	2.38E-08	2.06E-09	4.98E-08	1.10E-08	1.69E-08	2.68E-08	4.73E-09	1.25E-08	1.24E-07
1428	495411.06	3858401.99	1.77E-04	2.05E-04	9.47E-05	6.15E-08	1.86E-07	1.08E-07	1.24E-07	1.12E-07	5.13E-08	2.37E-08	2.05E-09	4.96E-08	1.09E-08	1.68E-08	2.67E-08	4.71E-09	1.25E-08	1.23E-07
1429	495461.06	3858401.99	1.77E-04	2.04E-04	9.45E-05	6.14E-08	1.85E-07	1.07E-07	1.24E-07	1.12E-07	5.12E-08	2.37E-08	2.05E-09	4.95E-08	1.09E-08	1.68E-08	2.67E-08	4.70E-09	1.24E-08	1.23E-07
1430	495511.06	3858401.99	1.76E-04	2.04E-04	9.41E-05	6.11E-08	1.85E-07	1.07E-07	1.23E-07	1.12E-07	5.10E-08	2.36E-08	2.04E-09	4.93E-08	1.09E-08	1.67E-08	2.66E-08	4.68E-09	1.24E-08	1.23E-07
1431	495561.06	3858401.99	1.75E-04	2.02E-04	9.34E-05	6.06E-08	1.83E-07	1.06E-07	1.22E-07	1.11E-07	5.06E-08	2.34E-08	2.02E-09	4.89E-08	1.08E-08	1.66E-08	2.63E-08	4.64E-09	1.23E-08	1.22E-07
1432	495611.06	3858401.99	1.75E-04	2.01E-04	9.31E-05	6.05E-08	1.83E-07	1.06E-07	1.22E-07	1.11E-07	5.04E-08	2.33E-08	2.02E-09	4.88E-08	1.08E-08	1.66E-08	2.63E-08	4.63E-09	1.22E-08	1.21E-07
1433	495661.06	3858401.99	1.75E-04	2.02E-04	9.34E-05	6.07E-08	1.83E-07	1.06E-07	1.22E-07	1.11E-07	5.06E-08	2.34E-08	2.03E-09	4.89E-08	1.08E-08	1.66E-08	2.64E-08	4.65E-09	1.23E-08	1.22E-07
1434	494311.06	3858451.99	2.36E-04	2.72E-04	1.26E-04	8.18E-08	2.47E-07	1.43E-07	1.65E-07	1.50E-07	6.82E-08	3.15E-08	2.73E-09	6.60E-08	1.46E-08	2.24E-08	3.55E-08	6.26E-09	1.65E-08	1.64E-07
1435	494361.06	3858451.99	2.33E-04	2.69E-04	1.24E-04	8.07E-08	2.44E-07	1.41E-07	1.63E-07	1.48E-07	6.73E-08	3.11E-08	2.69E-09	6.51E-08	1.44E-08	2.21E-08	3.51E-08	6.18E-09	1.63E-08	1.62E-07
1436	494411.06	3858451.99	2.30E-04	2.66E-04	1.23E-04	7.98E-08	2.41E-07	1.40E-07	1.61E-07	1.46E-07	6.66E-08	3.07E-08	2.67E-09	6.44E-08	1.42E-08	2.19E-08	3.47E-08	6.11E-09	1.61E-08	1.60E-07
1437	494461.06	3858451.99	2.28E-04	2.63E-04	1.22E-04	7.91E-08	2.39E-07	1.38E-07	1.59E-07	1.45E-07	6.60E-08	3.04E-08	2.64E-09	6.38E-08	1.41E-08	2.16E-08	3.43E-08	6.05E-09	1.60E-08	1.59E-07
1438	494511.06	3858451.99	2.27E-04	2.62E-04	1.21E-04	7.87E-08	2.37E-07	1.37E-07	1.59E-07	1.44E-07	6.56E-08	3.03E-08	2.63E-09	6.34E-08	1.40E-08	2.15E-08	3.42E-08	6.02E-09	1.59E-08	1.58E-07
1439	494561.06	3858451.99	2.24E-04	2.58E-04	1.19E-04	7.76E-08	2.34E-07	1.36E-07	1.57E-07	1.42E-07	6.48E-08	2.99E-08	2.59E-09	6.26E-08	1.38E-08	2.13E-08	3.37E-08	5.94E-09	1.57E-08	1.56E-07
1440	494611.06	3858451.99	2.22E-04	2.56E-04	1.18E-04	7.69E-08	2.32E-07	1.34E-07	1.55E-07	1.41E-07	6.42E-08	2.96E-08	2.57E-09	6.20E-08	1.37E-08	2.11E-08	3.34E-08	5.89E-09	1.55E-08	1.54E-07
1441	494661.06	3858451.99	2.20E-04	2.53E-04	1.17E-04	7.61E-08	2.30E-07	1.33E-07	1.53E-07	1.39E-07	6.35E-08	2.93E-08	2.54E-09	6.14E-08	1.35E-08	2.08E-08	3.31E-08	5.83E-09	1.54E-08	1.53E-07
1442	494711.06	3858451.99	2.16E-04	2.50E-04	1.15E-04	7.50E-08	2.26E-07	1.31E-07	1.51E-07	1.37E-07	6.26E-08	2.89E-08	2.50E-09	6.05E-08	1.34E-08	2.05E-08	3.26E-08	5.74E-09	1.52E-08	1.50E-07
1443	494761.06	3858451.99	2.13E-04	2.46E-04	1.14E-04	7.39E-08	2.23E-07	1.29E-07	1.49E-07	1.35E-07	6.17E-08	2.85E-08	2.47E-09	5.96E-08	1.32E-08	2.02E-08	3.21E-08	5.66E-09	1.49E-08	1.48E-07
1444	494811.06	3858451.99	2.11E-04	2.43E-04	1.12E-04	7.31E-08	2.21E-07	1.28E-07	1.47E-07	1.34E-07	6.10E-08	2.81E-08	2.44E-09	5.89E-08	1.30E-08	2.00E-08	3.17E-08	5.59E-09	1.48E-08	1.46E-07
1445	494861.06	3858451.99	2.08E-04	2.40E-04	1.11E-04	7.20E-08	2.17E-07	1.26E-07	1.45E-07	1.32E-07	6.01E-08	2.77E-08	2.40E-09	5.81E-08	1.28E-08	1.97E-08	3.13E-08	5.51E-09	1.46E-08	1.44E-07
1446	494911.06	3858451.99	2.04E-04	2.36E-04	1.09E-04	7.08E-08	2.14E-07	1.24E-07	1.43E-07	1.29E-07	5.91E-08	2.73E-08	2.37E-09	5.71E-08	1.26E-08	1.94E-08	3.08E-08	5.42E-09	1.43E-08	1.42E-07
1447	494961.06	3858451.99	2.01E-04	2.32E-04	1.07E-04	6.97E-08	2.11E-07	1.22E-07	1.41E-07	1.27E-07	5.82E-08	2.69E-08	2.33E-09	5.62E-08	1.24E-08	1.91E-08	3.03E-08	5.34E-09	1.41E-08	1.40E-07
1448	495011.06	3858451.99	1.98E-04	2.28E-04	1.05E-04	6.85E-08	2.07E-07	1.20E-07	1.38E-07	1.25E-07	5.72E-08	2.64E-08	2.29E-09	5.53E-08	1.22E-08	1.88E-08	2.98E-08	5.25E-09	1.39E-08	1.37E-07
1449	495061.06	3858451.99	1.96E-04	2.26E-04	1.05E-04	6.80E-08	2.05E-07	1.19E-07	1.37E-07	1.24E-07	5.67E-08	2.62E-08	2.27E-09	5.49E-08	1.21E-08	1.86E-08	2.95E-08	5.21E-09	1.38E-08	1.36E-07
1450	495111.06	3858451.99	1.93E-04	2.23E-04	1.03E-04	6.68E-08	2.02E-07	1.17E-07	1.35E-07	1.22E-07	5.58E-08	2.58E-08	2.23E-09	5.39E-08	1.19E-08	1.83E-08	2.90E-08	5.12E-09	1.35E-08	1.34E-07
1451	495161.06	3858451.99	1.89E-04	2.18E-04	1.01E-04	6.55E-08	1.98E-07	1.15E-07	1.32E-07	1.20E-07	5.47E-08	2.53E-08	2.19E-09	5.28E-08	1.17E-08	1.79E-08	2.85E-08	5.02E-09	1.33E-08	1.31E-07
1452	495211.06	3858451.99	1.86E-04	2.14E-04	9.90E-05	6.43E-08	1.94E-07	1.12E-07	1.30E-07	1.18E-07	5.37E-08	2.48E-08	2.15E-09	5.19E-08	1.15E-08	1.76E-08	2.79E-08	4.93E-09	1.30E-08	1.29E-07
1453	495261.06	3858451.99	1.84E-04	2.12E-04	9.79E-05	6.36E-08	1.92E-07	1.11E-07	1.28E-07	1.16E-07	5.31E-08	2.45E-08	2.12E-09	5.13E-08	1.13E-08	1.74E-08	2.76E-08	4.87E-09	1.29E-08	1.28E-07
1454	495311.06	3858451.99	1.82E-04	2.10E-04	9.70E-05	6.30E-08	1.90E-07	1.10E-07	1.27E-07	1.15E-07	5.26E-08	2.43E-08	2.10E-09	5.08E-08	1.12E-08	1.73E-08	2.74E-08	4.83E-09	1.28E-08	1.26E-07
1455	495361.06	3858451.99	1.80E-04	2.08E-04	9.62E-05	6.25E-08	1.89E-07	1.09E-07	1.26E-07	1.14E-07	5.21E-08	2.41E-08	2.09E-09	5.04E-08	1.11E-08	1.71E-08	2.71E-08	4.78E-09	1.27E-08	1.25E-07
1456	495411.06	3858451.99	1.80E-04	2.08E-04	9.59E-05	6.23E-08	1.88E-07	1.09E-07	1.26E-07	1.14E-07	5.20E-08	2.40E-08	2.08E-09	5.03E-08	1.11E-08	1.71E-08	2.71E-08	4.77E-09	1.26E-08	1.25E-07
1457	495461.06	3858451.99	1.80E-04	2.07E-04	9.58E-05	6.22E-08	1.88E-07	1.09E-07	1.26E-07	1.14E-07	5.19E-08	2.40E-08	2.08E-09	5.02E-08	1.11E-08	1.70E-08	2.70E-08	4.76E-09	1.26E-08	1.25E-07
1458	495511.06	3858451.99	1.78E-04	2.05E-04	9.49E-05	6.17E-08	1.86E-07	1.08E-07	1.24E-07	1.13E-07	5.14E-08	2.38E-08	2.06E-09	4.97E-08	1.10E-08	1.69E-08	2.68E-08	4.72E-09	1.25E-08	1.24E-07
1459	495561.06	3858451.99	1.78E-04	2.06E-04	9.52E-05	6.18E-08	1.87E-07	1.08E-07	1.25E-07	1.13E-07	5.16E-08	2.38E-08	2.06E-09	4.99E-08	1.10E-08	1.69E-08	2.69E-08	4.73E-09	1.25E-08	1.24E-07
1460	495611.06	3858451.99	1.76E-04	2.03E-04	9.40E-05	6.11E-08	1.85E-07	1.07E-07	1.23E-07	1.12E-07	5.10E-08	2.36E-08	2.04E-09	4.93E-08	1.09E-08	1.67E-08	2.65E-08	4.68E-09	1.24E-08	1.23E-07
1461	495661.06	3858451.99	1.76E-04	2.03E-04	9.40E-05	6.11E-08	1.84E-07	1.07E-07	1.23E-07	1.12E-07	5.10E-08	2.36E-08	2.04E-09	4.93E-08	1.09E-08	1.67E-08	2.65E-08	4.68E-09	1.24E-08	1.23E-07
1462	494311.06	3858501.99	2.36E-04	2.72E-04	1.25E-04	8.16E-08	2.46E-07	1.43E-07	1.65E-07	1.49E-07	6.81E-08	3.14E-08	2.73E-09	6.59E-08	1.45E-08	2.24E-08	3.55E-08	6.25E-09	1.65E-08	1.64E-07
1463	494361.06	3858501.99	2.34E-04	2.70E-04	1.24E-04	8.10E-08	2.45E-07	1.42E-07	1.63E-07	1.48E-07	6.76E-08	3.12E-08	2.70E-09	6.53E-08	1.44E-08	2.22E-08	3.52E-08	6.20E-09	1.64E-08	1.62E-07
1464	494411.06	3858501.99	2.31E-04	2.67E-04	1.23E-04	8.02E-08	2.42E-07	1.40E-07	1.62E-07	1.47E-07	6.69E-08	3.09E-08	2.68E-09	6.47E-08	1.43E-08	2.20E-08	3.49E-08	6.14E-09	1.62E-08	1.61E-07
1465	494461.06	3858501.99	2.30E-04	2.66E-04	1.23E-04	7.98E-08	2.41E-07	1.39E-07	1.61E-07	1.46E-07	6.66E-08	3.07E-08	2.66E-09	6.44E-08	1.42E-08	2.19E-08	3.47E-08	6.11E-09	1.61E-08	1.60E-07
1466	494511.06	3858501.99	2.27E-04	2.62E-04	1.21E-04	7.87E-08	2.38E-07	1.38E-07	1.59E-07	1.44E-07	6.56E-08	3.03E-08	2.63E-09	6.35E-08	1.40E-08	2.15E-08	3.42E-08	6.02E-09	1.59E-08	1.58E-07
1467	494561.06	3858501.99	2.28E-04	2.63E-04	1.21E-04	7.89E-08	2.38E-07	1.38E-07	1.59E-07	1.44E-07	6.58E-08	3.04E-08	2.63E-09	6.36E-08	1.40E-08	2.16E-08	3.43E-08	6.04E-09	1.59E-08	1.58E-07
1468	494611.06	3858501.99	2.25E-04	2.60E-04	1.20E-04	7.80E-08	2.35E-07	1.36E-07	1.57E-07	1.43E-07	6.51E-08	3.00E-08	2.60E-09	6.29E-08	1.39E-08	2.14E-08	3.39E-08	5.97E-09	1.58E-08	1.56E-07
1469	494661.06	3858501.99	2.23E-04	2.58E-04	1.19E-04	7.74E-08	2.34E-07	1.35E-07	1.56E-07	1.42E-07	6.46E-08	2.98E-08	2.58E-09	6.24E-08	1.38E-08	2.12E-08	3.36E-08	5.93E-09	1.56E-08	1.55E-07
1470	494711.06	3858501.99	2.20E-04	2.54E-04	1.17E-04	7.63E-08	2.30E-07	1.33E-07	1.54E-07	1.40E-07	6.37E-08	2.94E-08	2.55E-09	6.15E-08	1.36E-08	2.09E-08	3.31E-08	5.84E-09	1.54E-08	1.53E-07
1471	494761.06	3858501.99	2.16E-04	2.50E-04	1.15E-04	7.50E-08	2.26E-07	1.31E-07	1.51E-07	1.37E-07	6.26E-08	2.89E-08	2.50E-09	6.05E-08	1.34E-08	2.05E-08	3.26E-08	5.74E-09	1.52E-08	1.50E-07
1472	494811.06	3858501.99	2.13E-04	2.46E-04	1.13E-04	7.38E-08	2.23E-07	1.29E-07	1.49E-07	1.35E-07	6.16E-08	2.84E-08	2.47E-09	5.96E-08	1.31E-08	2.02E-08	3.21E-08	5.65E-09	1.49E-08	1.48E-07
1473	494861.06	3858501.99	2.11E-04	2.43E-04	1.12E-04	7.31E-08	2.21E-07	1.28E-07	1.47E-07	1.34E-07	6.10E-08	2.81E-08	2.44E-09	5.89E-08	1.30E-08	2.00E-08	3.17E-08	5.60E-09	1.48E-08	1.47E-07
1474	494911.06	3858501.99	2.06E-04	2.38E-04	1.10E-04	7.14E-08	2.16E-07	1.25E-07	1.44E-07	1.31E-07	5.96E-08	2.75E-08	2.39E-09	5.76E-08	1.27E-08	1.96E-08	3.10E-08	5.47E-09	1.44E-08	1.43E-07
1475	494961.06	3858501.99	2.04E-04	2.35E-04	1.09E-04	7.06E-08	2.13E-07	1.23E-07	1.42E-07	1.29E-07	5.89E-08	2.72E-08	2.36E-09	5.69E-08	1.26E-08	1.93E-08	3.07E-08	5.40E-09	1.43E-08	1.42E-07
1476	495011.06	3858501.99	2.00E-04	2.30E-04	1.06E-04	6.92E-08	2.09E-07	1.21E-07	1.40E-07	1.27E-07	5.77E-08	2.67E-08	2.31E-09	5.58E-08	1.23E-08	1.89E-08	3.01E-08	5.30E-09	1.40E-08	1.39E-07

1477	495061.06	3858501.99	1.98E-04	2.29E-04	1.06E-04	6.87E-08	2.07E-07	1.20E-07	1.39E-07	1.26E-07	5.73E-08	2.65E-08	2.29E-09	5.54E-08	1.22E-08	1.88E-08	2.98E-08	5.26E-09	1.39E-08	1.38E-07
1478	495111.06	3858501.99	1.93E-04	2.23E-04	1.03E-04	6.69E-08	2.02E-07	1.17E-07	1.35E-07	1.22E-07	5.58E-08	2.58E-08	2.24E-09	5.40E-08	1.19E-08	1.83E-08	2.91E-08	5.13E-09	1.35E-08	1.34E-07
1479	495161.06	3858501.99	1.90E-04	2.19E-04	1.01E-04	6.59E-08	1.99E-07	1.15E-07	1.33E-07	1.20E-07	5.50E-08	2.54E-08	2.20E-09	5.31E-08	1.17E-08	1.80E-08	2.86E-08	5.04E-09	1.33E-08	1.32E-07
1480	495211.06	3858501.99	1.87E-04	2.16E-04	9.97E-05	6.48E-08	1.96E-07	1.13E-07	1.31E-07	1.19E-07	5.41E-08	2.50E-08	2.17E-09	5.23E-08	1.15E-08	1.78E-08	2.82E-08	4.96E-09	1.31E-08	1.30E-07
1481	495261.06	3858501.99	1.85E-04	2.14E-04	9.87E-05	6.41E-08	1.94E-07	1.12E-07	1.29E-07	1.17E-07	5.35E-08	2.47E-08	2.14E-09	5.17E-08	1.14E-08	1.76E-08	2.79E-08	4.91E-09	1.30E-08	1.29E-07
1482	495311.06	3858501.99	1.84E-04	2.12E-04	9.81E-05	6.38E-08	1.93E-07	1.11E-07	1.29E-07	1.17E-07	5.32E-08	2.46E-08	2.13E-09	5.14E-08	1.14E-08	1.75E-08	2.77E-08	4.88E-09	1.29E-08	1.28E-07
1483	495361.06	3858501.99	1.83E-04	2.11E-04	9.76E-05	6.34E-08	1.92E-07	1.11E-07	1.28E-07	1.16E-07	5.29E-08	2.45E-08	2.12E-09	5.12E-08	1.13E-08	1.74E-08	2.76E-08	4.86E-09	1.28E-08	1.27E-07
1484	495411.06	3858501.99	1.83E-04	2.11E-04	9.73E-05	6.33E-08	1.91E-07	1.11E-07	1.28E-07	1.16E-07	5.28E-08	2.44E-08	2.11E-09	5.10E-08	1.13E-08	1.73E-08	2.75E-08	4.84E-09	1.28E-08	1.27E-07
1485	495461.06	3858501.99	1.82E-04	2.10E-04	9.70E-05	6.31E-08	1.90E-07	1.10E-07	1.27E-07	1.15E-07	5.26E-08	2.43E-08	2.11E-09	5.09E-08	1.12E-08	1.73E-08	2.74E-08	4.83E-09	1.28E-08	1.26E-07
1486	495511.06	3858501.99	1.81E-04	2.09E-04	9.65E-05	6.27E-08	1.89E-07	1.10E-07	1.27E-07	1.15E-07	5.23E-08	2.42E-08	2.10E-09	5.06E-08	1.12E-08	1.72E-08	2.73E-08	4.80E-09	1.27E-08	1.26E-07
1487	495561.06	3858501.99	1.81E-04	2.09E-04	9.67E-05	6.29E-08	1.90E-07	1.10E-07	1.27E-07	1.15E-07	5.25E-08	2.42E-08	2.10E-09	5.07E-08	1.12E-08	1.72E-08	2.73E-08	4.81E-09	1.27E-08	1.26E-07
1488	495611.06	3858501.99	1.80E-04	2.08E-04	9.61E-05	6.25E-08	1.89E-07	1.09E-07	1.26E-07	1.14E-07	5.21E-08	2.41E-08	2.09E-09	5.04E-08	1.11E-08	1.71E-08	2.72E-08	4.79E-09	1.26E-08	1.25E-07
1489	495661.06	3858501.99	1.80E-04	2.07E-04	9.58E-05	6.23E-08	1.88E-07	1.09E-07	1.26E-07	1.14E-07	5.19E-08	2.40E-08	2.08E-09	5.02E-08	1.11E-08	1.71E-08	2.70E-08	4.77E-09	1.26E-08	1.25E-07
1490	494311.06	3858551.99	2.31E-04	2.67E-04	1.23E-04	8.02E-08	2.42E-07	1.40E-07	1.62E-07	1.47E-07	6.69E-08	3.09E-08	2.68E-09	6.47E-08	1.43E-08	2.20E-08	3.48E-08	6.14E-09	1.62E-08	1.61E-07
1491	494361.06	3858551.99	2.33E-04	2.69E-04	1.24E-04	8.09E-08	2.44E-07	1.41E-07	1.63E-07	1.48E-07	6.75E-08	3.11E-08	2.70E-09	6.52E-08	1.44E-08	2.21E-08	3.51E-08	6.19E-09	1.63E-08	1.62E-07
1492	494411.06	3858551.99	2.34E-04	2.70E-04	1.25E-04	8.12E-08	2.45E-07	1.42E-07	1.64E-07	1.48E-07	6.77E-08	3.12E-08	2.71E-09	6.55E-08	1.44E-08	2.22E-08	3.53E-08	6.21E-09	1.64E-08	1.63E-07
1493	494461.06	3858551.99	2.34E-04	2.70E-04	1.25E-04	8.11E-08	2.45E-07	1.42E-07	1.63E-07	1.48E-07	6.76E-08	3.12E-08	2.71E-09	6.54E-08	1.44E-08	2.22E-08	3.52E-08	6.21E-09	1.64E-08	1.63E-07
1494	494511.06	3858551.99	2.32E-04	2.68E-04	1.24E-04	8.05E-08	2.43E-07	1.41E-07	1.62E-07	1.47E-07	6.72E-08	3.10E-08	2.69E-09	6.49E-08	1.43E-08	2.20E-08	3.50E-08	6.16E-09	1.63E-08	1.61E-07
1495	494561.06	3858551.99	2.31E-04	2.67E-04	1.23E-04	8.01E-08	2.42E-07	1.40E-07	1.62E-07	1.46E-07	6.68E-08	3.08E-08	2.67E-09	6.46E-08	1.43E-08	2.19E-08	3.48E-08	6.13E-09	1.62E-08	1.61E-07
1496	494611.06	3858551.99	2.29E-04	2.64E-04	1.22E-04	7.94E-08	2.40E-07	1.39E-07	1.60E-07	1.45E-07	6.62E-08	3.06E-08	2.65E-09	6.40E-08	1.41E-08	2.17E-08	3.45E-08	6.08E-09	1.60E-08	1.59E-07
1497	494661.06	3858551.99	2.27E-04	2.62E-04	1.21E-04	7.88E-08	2.38E-07	1.38E-07	1.59E-07	1.44E-07	6.57E-08	3.03E-08	2.63E-09	6.35E-08	1.40E-08	2.16E-08	3.42E-08	6.03E-09	1.59E-08	1.58E-07
1498	494711.06	3858551.99	2.24E-04	2.58E-04	1.19E-04	7.75E-08	2.34E-07	1.35E-07	1.56E-07	1.42E-07	6.47E-08	2.98E-08	2.59E-09	6.25E-08	1.38E-08	2.12E-08	3.37E-08	5.93E-09	1.57E-08	1.55E-07
1499	494761.06	3858551.99	2.20E-04	2.54E-04	1.17E-04	7.62E-08	2.30E-07	1.33E-07	1.54E-07	1.39E-07	6.36E-08	2.94E-08	2.55E-09	6.15E-08	1.36E-08	2.09E-08	3.31E-08	5.84E-09	1.54E-08	1.53E-07
1500	494811.06	3858551.99	2.17E-04	2.51E-04	1.16E-04	7.53E-08	2.27E-07	1.32E-07	1.52E-07	1.38E-07	6.28E-08	2.90E-08	2.52E-09	6.08E-08	1.34E-08	2.06E-08	3.27E-08	5.77E-09	1.52E-08	1.51E-07
1501	494861.06	3858551.99	2.14E-04	2.47E-04	1.14E-04	7.41E-08	2.24E-07	1.29E-07	1.49E-07	1.35E-07	6.18E-08	2.85E-08	2.47E-09	5.97E-08	1.32E-08	2.03E-08	3.22E-08	5.67E-09	1.50E-08	1.49E-07
1502	494911.06	3858551.99	2.10E-04	2.42E-04	1.12E-04	7.26E-08	2.19E-07	1.27E-07	1.46E-07	1.33E-07	6.06E-08	2.80E-08	2.43E-09	5.86E-08	1.29E-08	1.99E-08	3.16E-08	5.56E-09	1.47E-08	1.46E-07
1503	494961.06	3858551.99	2.06E-04	2.38E-04	1.10E-04	7.15E-08	2.16E-07	1.25E-07	1.44E-07	1.31E-07	5.97E-08	2.75E-08	2.39E-09	5.77E-08	1.27E-08	1.96E-08	3.11E-08	5.48E-09	1.45E-08	1.43E-07
1504	495011.06	3858551.99	2.02E-04	2.33E-04	1.08E-04	7.01E-08	2.12E-07	1.22E-07	1.41E-07	1.28E-07	5.85E-08	2.70E-08	2.34E-09	5.65E-08	1.25E-08	1.92E-08	3.04E-08	5.37E-09	1.42E-08	1.41E-07
1505	495061.06	3858551.99	2.00E-04	2.30E-04	1.06E-04	6.92E-08	2.09E-07	1.21E-07	1.40E-07	1.26E-07	5.77E-08	2.66E-08	2.31E-09	5.58E-08	1.23E-08	1.89E-08	3.00E-08	5.30E-09	1.40E-08	1.39E-07
1506	495111.06	3858551.99	1.95E-04	2.25E-04	1.04E-04	6.74E-08	2.04E-07	1.18E-07	1.36E-07	1.23E-07	5.63E-08	2.60E-08	2.25E-09	5.44E-08	1.20E-08	1.85E-08	2.93E-08	5.16E-09	1.36E-08	1.35E-07
1507	495161.06	3858551.99	1.91E-04	2.21E-04	1.02E-04	6.64E-08	2.00E-07	1.16E-07	1.34E-07	1.21E-07	5.54E-08	2.56E-08	2.22E-09	5.35E-08	1.18E-08	1.82E-08	2.88E-08	5.08E-09	1.34E-08	1.33E-07
1508	495211.06	3858551.99	1.89E-04	2.18E-04	1.01E-04	6.54E-08	1.98E-07	1.14E-07	1.32E-07	1.20E-07	5.46E-08	2.52E-08	2.18E-09	5.28E-08	1.16E-08	1.79E-08	2.84E-08	5.01E-09	1.32E-08	1.31E-07
1509	495261.06	3858551.99	1.87E-04	2.16E-04	9.97E-05	6.48E-08	1.96E-07	1.13E-07	1.31E-07	1.19E-07	5.41E-08	2.50E-08	2.16E-09	5.23E-08	1.15E-08	1.78E-08	2.82E-08	4.96E-09	1.31E-08	1.30E-07
1510	495311.06	3858551.99	1.86E-04	2.15E-04	9.93E-05	6.46E-08	1.95E-07	1.13E-07	1.30E-07	1.18E-07	5.39E-08	2.49E-08	2.16E-09	5.21E-08	1.15E-08	1.77E-08	2.81E-08	4.94E-09	1.31E-08	1.29E-07
1511	495361.06	3858551.99	1.85E-04	2.14E-04	9.88E-05	6.43E-08	1.94E-07	1.12E-07	1.30E-07	1.17E-07	5.36E-08	2.48E-08	2.15E-09	5.18E-08	1.14E-08	1.76E-08	2.79E-08	4.92E-09	1.30E-08	1.29E-07
1512	495411.06	3858551.99	1.85E-04	2.14E-04	9.87E-05	6.42E-08	1.94E-07	1.12E-07	1.29E-07	1.17E-07	5.35E-08	2.47E-08	2.14E-09	5.18E-08	1.14E-08	1.76E-08	2.79E-08	4.91E-09	1.30E-08	1.29E-07
1513	495461.06	3858551.99	1.84E-04	2.13E-04	9.83E-05	6.39E-08	1.93E-07	1.12E-07	1.29E-07	1.17E-07	5.33E-08	2.46E-08	2.13E-09	5.16E-08	1.14E-08	1.75E-08	2.78E-08	4.89E-09	1.29E-08	1.28E-07
1514	495511.06	3858551.99	1.84E-04	2.13E-04	9.82E-05	6.38E-08	1.93E-07	1.12E-07	1.29E-07	1.17E-07	5.33E-08	2.46E-08	2.13E-09	5.15E-08	1.14E-08	1.75E-08	2.77E-08	4.89E-09	1.29E-08	1.28E-07
1515	495561.06	3858551.99	1.84E-04	2.12E-04	9.78E-05	6.36E-08	1.92E-07	1.11E-07	1.28E-07	1.16E-07	5.31E-08	2.45E-08	2.12E-09	5.13E-08	1.13E-08	1.74E-08	2.76E-08	4.87E-09	1.29E-08	1.28E-07
1516	495611.06	3858551.99	1.83E-04	2.11E-04	9.72E-05	6.33E-08	1.91E-07	1.11E-07	1.28E-07	1.16E-07	5.28E-08	2.44E-08	2.11E-09	5.10E-08	1.13E-08	1.73E-08	2.75E-08	4.84E-09	1.28E-08	1.27E-07
1517	495661.06	3858551.99	1.81E-04	2.09E-04	9.66E-05	6.28E-08	1.90E-07	1.10E-07	1.27E-07	1.15E-07	5.24E-08	2.42E-08	2.10E-09	5.07E-08	1.12E-08	1.72E-08	2.73E-08	4.81E-09	1.27E-08	1.26E-07
1518	494311.06	3858601.99	2.17E-04	2.50E-04	1.16E-04	7.52E-08	2.27E-07	1.31E-07	1.52E-07	1.37E-07	6.27E-08	2.90E-08	2.51E-09	6.06E-08	1.34E-08	2.06E-08	3.27E-08	5.76E-09	1.52E-08	1.51E-07
1519	494361.06	3858601.99	2.30E-04	2.66E-04	1.23E-04	7.98E-08	2.41E-07	1.39E-07	1.61E-07	1.46E-07	6.66E-08	3.07E-08	2.67E-09	6.44E-08	1.42E-08	2.19E-08	3.47E-08	6.11E-09	1.61E-08	1.60E-07
1520	494411.06	3858601.99	2.38E-04	2.75E-04	1.27E-04	8.26E-08	2.49E-07	1.44E-07	1.67E-07	1.51E-07	6.89E-08	3.18E-08	2.76E-09	6.66E-08	1.47E-08	2.26E-08	3.59E-08	6.32E-09	1.67E-08	1.66E-07
1521	494461.06	3858601.99	2.38E-04	2.74E-04	1.27E-04	8.24E-08	2.49E-07	1.44E-07	1.66E-07	1.51E-07	6.88E-08	3.17E-08	2.75E-09	6.65E-08	1.47E-08	2.26E-08	3.58E-08	6.31E-09	1.67E-08	1.65E-07
1522	494511.06	3858601.99	2.35E-04	2.72E-04	1.25E-04	8.16E-08	2.46E-07	1.43E-07	1.65E-07	1.49E-07	6.81E-08	3.14E-08	2.72E-09	6.58E-08	1.45E-08	2.23E-08	3.54E-08	6.25E-09	1.65E-08	1.64E-07
1523	494561.06	3858601.99	2.36E-04	2.72E-04	1.25E-04	8.17E-08	2.47E-07	1.43E-07	1.65E-07	1.49E-07	6.81E-08	3.14E-08	2.73E-09	6.59E-08	1.45E-08	2.24E-08	3.55E-08	6.25E-09	1.65E-08	1.64E-07
1524	494611.06	3858601.99	2.33E-04	2.69E-04	1.24E-04	8.06E-08	2.43E-07	1.41E-07	1.63E-07	1.47E-07	6.73E-08	3.10E-08	2.69E-09	6.50E-08	1.44E-08	2.21E-08	3.50E-08	6.17E-09	1.63E-08	1.62E-07
1525	494661.06	3858601.99	2.31E-04	2.66E-04	1.23E-04	7.99E-08	2.41E-07	1.40E-07	1.61E-07	1.46E-07	6.67E-08	3.08E-08	2.67E-09	6.45E-08	1.42E-08	2.19E-08	3.47E-08	6.12E-09	1.61E-08	1.60E-07
1526	494711.06	3858601.99	2.27E-04	2.62E-04	1.21E-04	7.88E-08	2.38E-07	1.38E-07	1.59E-07	1.44E-07	6.57E-08	3.03E-08	2.63E-09	6.35E-08	1.40E-08	2.16E-08	3.42E-08	6.03E-09	1.59E-08	1.58E-07
1527	494761.06	3858601.99	2.24E-04	2.58E-04	1.19E-04	7.76E-08	2.34E-07	1.36E-07	1.57E-07	1.42E-07	6.47E-08	2.99E-08	2.59E-09	6.26E-08	1.38E-08	2.13E-08	3.37E-08	5.94E-09	1.57E-08	1.56E-07
1528	494811.06	3858601.99	2.19E-04	2.52E-04	1.16E-04	7.58E-08	2.29E-07	1.33E-07	1.53E-07	1.39E-07	6.33E-08	2.92E-08	2.53E-09	6.11E-08	1.35E-08	2.08E-08	3.29E-08	5.80E-09	1.53E-08	1.52E-07
1529	494861.06	3858601.99	2.16E-04	2.49E-04	1.15E-04	7.49E-08	2.26E-07	1.31E-07	1.51E-07	1.37E-07	6.25E-08	2.88E-08	2.50E-09	6.04E-08	1.33E-08	2.05E-08	3.25E-08	5.74E-09	1.51E-08	1.50E-07

1530	494911.06	3858601.99	2.11E-04	2.44E-04	1.13E-04	7.32E-08	2.21E-07	1.28E-07	1.48E-07	1.34E-07	6.11E-08	2.82E-08	2.45E-09	5.91E-08	1.30E-08	2.01E-08	3.18E-08	5.61E-09	1.48E-08	1.47E-07
1531	494961.06	3858601.99	2.08E-04	2.40E-04	1.11E-04	7.21E-08	2.18E-07	1.26E-07	1.45E-07	1.32E-07	6.02E-08	2.78E-08	2.41E-09	5.82E-08	1.28E-08	1.98E-08	3.13E-08	5.52E-09	1.46E-08	1.45E-07
1532	495011.06	3858601.99	2.05E-04	2.36E-04	1.09E-04	7.10E-08	2.14E-07	1.24E-07	1.43E-07	1.30E-07	5.92E-08	2.73E-08	2.37E-09	5.72E-08	1.26E-08	1.94E-08	3.08E-08	5.43E-09	1.43E-08	1.42E-07
1533	495061.06	3858601.99	2.01E-04	2.32E-04	1.07E-04	6.97E-08	2.11E-07	1.22E-07	1.41E-07	1.27E-07	5.82E-08	2.68E-08	2.33E-09	5.62E-08	1.24E-08	1.91E-08	3.03E-08	5.34E-09	1.41E-08	1.40E-07
1534	495111.06	3858601.99	1.96E-04	2.26E-04	1.04E-04	6.78E-08	2.05E-07	1.18E-07	1.37E-07	1.24E-07	5.66E-08	2.61E-08	2.26E-09	5.47E-08	1.21E-08	1.86E-08	2.94E-08	5.19E-09	1.37E-08	1.36E-07
1535	495161.06	3858601.99	1.93E-04	2.23E-04	1.03E-04	6.69E-08	2.02E-07	1.17E-07	1.35E-07	1.22E-07	5.58E-08	2.58E-08	2.23E-09	5.39E-08	1.19E-08	1.83E-08	2.90E-08	5.12E-09	1.35E-08	1.34E-07
1536	495211.06	3858601.99	1.91E-04	2.21E-04	1.02E-04	6.63E-08	2.00E-07	1.16E-07	1.34E-07	1.21E-07	5.53E-08	2.55E-08	2.21E-09	5.35E-08	1.18E-08	1.82E-08	2.88E-08	5.08E-09	1.34E-08	1.33E-07
1537	495261.06	3858601.99	1.89E-04	2.19E-04	1.01E-04	6.56E-08	1.98E-07	1.15E-07	1.32E-07	1.20E-07	5.48E-08	2.53E-08	2.19E-09	5.29E-08	1.17E-08	1.80E-08	2.85E-08	5.03E-09	1.33E-08	1.32E-07
1538	495311.06	3858601.99	1.88E-04	2.17E-04	1.00E-04	6.52E-08	1.97E-07	1.14E-07	1.31E-07	1.19E-07	5.44E-08	2.51E-08	2.18E-09	5.26E-08	1.16E-08	1.79E-08	2.83E-08	4.99E-09	1.32E-08	1.31E-07
1539	495361.06	3858601.99	1.87E-04	2.16E-04	9.99E-05	6.50E-08	1.96E-07	1.14E-07	1.31E-07	1.19E-07	5.42E-08	2.50E-08	2.17E-09	5.24E-08	1.16E-08	1.78E-08	2.82E-08	4.97E-09	1.31E-08	1.30E-07
1540	495411.06	3858601.99	1.87E-04	2.16E-04	9.96E-05	6.48E-08	1.96E-07	1.13E-07	1.31E-07	1.18E-07	5.40E-08	2.49E-08	2.16E-09	5.22E-08	1.15E-08	1.77E-08	2.81E-08	4.96E-09	1.31E-08	1.30E-07
1541	495461.06	3858601.99	1.87E-04	2.15E-04	9.93E-05	6.46E-08	1.95E-07	1.13E-07	1.30E-07	1.18E-07	5.39E-08	2.49E-08	2.16E-09	5.21E-08	1.15E-08	1.77E-08	2.81E-08	4.95E-09	1.31E-08	1.30E-07
1542	495511.06	3858601.99	1.85E-04	2.14E-04	9.86E-05	6.42E-08	1.94E-07	1.12E-07	1.29E-07	1.17E-07	5.35E-08	2.47E-08	2.14E-09	5.18E-08	1.14E-08	1.76E-08	2.79E-08	4.91E-09	1.30E-08	1.29E-07
1543	495561.06	3858601.99	1.85E-04	2.14E-04	9.86E-05	6.42E-08	1.94E-07	1.12E-07	1.29E-07	1.17E-07	5.35E-08	2.47E-08	2.14E-09	5.18E-08	1.14E-08	1.76E-08	2.79E-08	4.91E-09	1.30E-08	1.29E-07
1544	495611.06	3858601.99	1.83E-04	2.12E-04	9.77E-05	6.36E-08	1.92E-07	1.11E-07	1.28E-07	1.16E-07	5.31E-08	2.45E-08	2.12E-09	5.13E-08	1.13E-08	1.74E-08	2.76E-08	4.87E-09	1.29E-08	1.27E-07
1545	495661.06	3858601.99	1.83E-04	2.11E-04	9.76E-05	6.35E-08	1.92E-07	1.11E-07	1.28E-07	1.16E-07	5.30E-08	2.44E-08	2.12E-09	5.12E-08	1.13E-08	1.74E-08	2.76E-08	4.86E-09	1.28E-08	1.27E-07
1546	494311.06	3858651.99	2.13E-04	2.46E-04	1.14E-04	7.39E-08	2.23E-07	1.29E-07	1.49E-07	1.35E-07	6.17E-08	2.85E-08	2.47E-09	5.96E-08	1.32E-08	2.02E-08	3.21E-08	5.66E-09	1.50E-08	1.48E-07
1547	494361.06	3858651.99	2.26E-04	2.61E-04	1.21E-04	7.85E-08	2.37E-07	1.37E-07	1.58E-07	1.43E-07	6.55E-08	3.02E-08	2.62E-09	6.33E-08	1.40E-08	2.15E-08	3.41E-08	6.01E-09	1.59E-08	1.57E-07
1548	494411.06	3858651.99	2.40E-04	2.77E-04	1.28E-04	8.32E-08	2.51E-07	1.45E-07	1.68E-07	1.52E-07	6.94E-08	3.20E-08	2.78E-09	6.71E-08	1.48E-08	2.28E-08	3.62E-08	6.37E-09	1.68E-08	1.67E-07
1549	494461.06	3858651.99	2.41E-04	2.78E-04	1.28E-04	8.34E-08	2.52E-07	1.46E-07	1.68E-07	1.52E-07	6.96E-08	3.21E-08	2.78E-09	6.73E-08	1.48E-08	2.28E-08	3.62E-08	6.38E-09	1.68E-08	1.67E-07
1550	494511.06	3858651.99	2.39E-04	2.76E-04	1.27E-04	8.28E-08	2.50E-07	1.45E-07	1.67E-07	1.51E-07	6.91E-08	3.19E-08	2.77E-09	6.68E-08	1.47E-08	2.27E-08	3.60E-08	6.34E-09	1.67E-08	1.66E-07
1551	494561.06	3858651.99	2.38E-04	2.75E-04	1.27E-04	8.25E-08	2.49E-07	1.44E-07	1.67E-07	1.51E-07	6.89E-08	3.18E-08	2.76E-09	6.66E-08	1.47E-08	2.26E-08	3.59E-08	6.32E-09	1.67E-08	1.65E-07
1552	494611.06	3858651.99	2.37E-04	2.73E-04	1.26E-04	8.20E-08	2.48E-07	1.43E-07	1.65E-07	1.50E-07	6.84E-08	3.16E-08	2.74E-09	6.61E-08	1.46E-08	2.25E-08	3.56E-08	6.28E-09	1.66E-08	1.64E-07
1553	494661.06	3858651.99	2.34E-04	2.70E-04	1.25E-04	8.11E-08	2.45E-07	1.42E-07	1.64E-07	1.48E-07	6.77E-08	3.12E-08	2.71E-09	6.54E-08	1.44E-08	2.22E-08	3.52E-08	6.21E-09	1.64E-08	1.63E-07
1554	494711.06	3858651.99	2.30E-04	2.66E-04	1.22E-04	7.97E-08	2.41E-07	1.39E-07	1.61E-07	1.46E-07	6.65E-08	3.07E-08	2.66E-09	6.43E-08	1.42E-08	2.18E-08	3.46E-08	6.11E-09	1.61E-08	1.60E-07
1555	494761.06	3858651.99	2.27E-04	2.62E-04	1.21E-04	7.87E-08	2.38E-07	1.38E-07	1.59E-07	1.44E-07	6.57E-08	3.03E-08	2.63E-09	6.35E-08	1.40E-08	2.16E-08	3.42E-08	6.03E-09	1.59E-08	1.58E-07
1556	494811.06	3858651.99	2.23E-04	2.57E-04	1.18E-04	7.71E-08	2.33E-07	1.35E-07	1.56E-07	1.41E-07	6.44E-08	2.97E-08	2.58E-09	6.22E-08	1.37E-08	2.11E-08	3.35E-08	5.91E-09	1.56E-08	1.55E-07
1557	494861.06	3858651.99	2.18E-04	2.52E-04	1.16E-04	7.57E-08	2.29E-07	1.32E-07	1.53E-07	1.38E-07	6.32E-08	2.91E-08	2.53E-09	6.11E-08	1.35E-08	2.07E-08	3.29E-08	5.80E-09	1.53E-08	1.52E-07
1558	494911.06	3858651.99	2.14E-04	2.47E-04	1.14E-04	7.41E-08	2.24E-07	1.29E-07	1.49E-07	1.35E-07	6.18E-08	2.85E-08	2.47E-09	5.98E-08	1.32E-08	2.03E-08	3.22E-08	5.67E-09	1.50E-08	1.49E-07
1559	494961.06	3858651.99	2.10E-04	2.42E-04	1.12E-04	7.27E-08	2.19E-07	1.27E-07	1.47E-07	1.33E-07	6.06E-08	2.80E-08	2.43E-09	5.86E-08	1.29E-08	1.99E-08	3.16E-08	5.56E-09	1.47E-08	1.46E-07
1560	495011.06	3858651.99	2.07E-04	2.38E-04	1.10E-04	7.16E-08	2.16E-07	1.25E-07	1.44E-07	1.31E-07	5.97E-08	2.76E-08	2.39E-09	5.77E-08	1.27E-08	1.96E-08	3.11E-08	5.48E-09	1.45E-08	1.44E-07
1561	495061.06	3858651.99	2.03E-04	2.34E-04	1.08E-04	7.03E-08	2.12E-07	1.23E-07	1.42E-07	1.29E-07	5.87E-08	2.71E-08	2.35E-09	5.67E-08	1.25E-08	1.93E-08	3.06E-08	5.39E-09	1.42E-08	1.41E-07
1562	495111.06	3858651.99	1.99E-04	2.29E-04	1.06E-04	6.89E-08	2.08E-07	1.20E-07	1.39E-07	1.26E-07	5.75E-08	2.65E-08	2.30E-09	5.55E-08	1.23E-08	1.89E-08	2.99E-08	5.27E-09	1.39E-08	1.38E-07
1563	495161.06	3858651.99	1.96E-04	2.26E-04	1.04E-04	6.80E-08	2.05E-07	1.19E-07	1.37E-07	1.24E-07	5.67E-08	2.62E-08	2.27E-09	5.48E-08	1.21E-08	1.86E-08	2.95E-08	5.20E-09	1.37E-08	1.36E-07
1564	495211.06	3858651.99	1.93E-04	2.23E-04	1.03E-04	6.69E-08	2.02E-07	1.17E-07	1.35E-07	1.22E-07	5.58E-08	2.58E-08	2.23E-09	5.40E-08	1.19E-08	1.83E-08	2.91E-08	5.12E-09	1.35E-08	1.34E-07
1565	495261.06	3858651.99	1.92E-04	2.22E-04	1.02E-04	6.67E-08	2.01E-07	1.17E-07	1.34E-07	1.22E-07	5.56E-08	2.57E-08	2.23E-09	5.38E-08	1.19E-08	1.83E-08	2.90E-08	5.11E-09	1.35E-08	1.34E-07
1566	495311.06	3858651.99	1.91E-04	2.20E-04	1.02E-04	6.62E-08	2.00E-07	1.16E-07	1.34E-07	1.21E-07	5.52E-08	2.55E-08	2.21E-09	5.34E-08	1.18E-08	1.81E-08	2.88E-08	5.07E-09	1.34E-08	1.33E-07
1567	495361.06	3858651.99	1.90E-04	2.19E-04	1.01E-04	6.59E-08	1.99E-07	1.15E-07	1.33E-07	1.20E-07	5.50E-08	2.54E-08	2.20E-09	5.31E-08	1.17E-08	1.80E-08	2.86E-08	5.05E-09	1.33E-08	1.32E-07
1568	495411.06	3858651.99	1.90E-04	2.19E-04	1.01E-04	6.59E-08	1.99E-07	1.15E-07	1.33E-07	1.20E-07	5.49E-08	2.54E-08	2.20E-09	5.31E-08	1.17E-08	1.80E-08	2.86E-08	5.04E-09	1.33E-08	1.32E-07
1569	495461.06	3858651.99	1.90E-04	2.19E-04	1.01E-04	6.59E-08	1.99E-07	1.15E-07	1.33E-07	1.21E-07	5.50E-08	2.54E-08	2.20E-09	5.32E-08	1.17E-08	1.80E-08	2.86E-08	5.05E-09	1.33E-08	1.32E-07
1570	495511.06	3858651.99	1.88E-04	2.17E-04	1.00E-04	6.52E-08	1.97E-07	1.14E-07	1.32E-07	1.19E-07	5.44E-08	2.51E-08	2.18E-09	5.26E-08	1.16E-08	1.79E-08	2.83E-08	5.00E-09	1.32E-08	1.31E-07
1571	495561.06	3858651.99	1.87E-04	2.16E-04	9.96E-05	6.48E-08	1.96E-07	1.13E-07	1.31E-07	1.19E-07	5.41E-08	2.50E-08	2.17E-09	5.23E-08	1.15E-08	1.78E-08	2.82E-08	4.97E-09	1.31E-08	1.30E-07
1572	495611.06	3858651.99	1.85E-04	2.14E-04	9.86E-05	6.41E-08	1.94E-07	1.12E-07	1.29E-07	1.17E-07	5.35E-08	2.47E-08	2.14E-09	5.17E-08	1.14E-08	1.76E-08	2.79E-08	4.91E-09	1.30E-08	1.29E-07
1573	495661.06	3858651.99	1.85E-04	2.13E-04	9.83E-05	6.40E-08	1.93E-07	1.12E-07	1.29E-07	1.17E-07	5.34E-08	2.46E-08	2.14E-09	5.16E-08	1.14E-08	1.75E-08	2.78E-08	4.90E-09	1.29E-08	1.28E-07
1574	494311.06	3858701.99	2.15E-04	2.48E-04	1.15E-04	7.46E-08	2.25E-07	1.30E-07	1.51E-07	1.36E-07	6.23E-08	2.88E-08	2.49E-09	6.02E-08	1.33E-08	2.04E-08	3.24E-08	5.71E-09	1.51E-08	1.50E-07
1575	494361.06	3858701.99	2.33E-04	2.69E-04	1.24E-04	8.07E-08	2.44E-07	1.41E-07	1.63E-07	1.48E-07	6.73E-08	3.11E-08	2.69E-09	6.51E-08	1.44E-08	2.21E-08	3.51E-08	6.18E-09	1.63E-08	1.62E-07
1576	494411.06	3858701.99	2.42E-04	2.80E-04	1.29E-04	8.40E-08	2.54E-07	1.47E-07	1.69E-07	1.54E-07	7.01E-08	3.23E-08	2.81E-09	6.78E-08	1.50E-08	2.30E-08	3.65E-08	6.43E-09	1.70E-08	1.68E-07
1577	494461.06	3858701.99	2.43E-04	2.80E-04	1.29E-04	8.41E-08	2.54E-07	1.47E-07	1.70E-07	1.54E-07	7.02E-08	3.24E-08	2.81E-09	6.78E-08	1.50E-08	2.30E-08	3.65E-08	6.44E-09	1.70E-08	1.69E-07
1578	494511.06	3858701.99	2.42E-04	2.79E-04	1.29E-04	8.38E-08	2.53E-07	1.46E-07	1.69E-07	1.53E-07	6.99E-08	3.22E-08	2.80E-09	6.76E-08	1.49E-08	2.30E-08	3.64E-08	6.42E-09	1.69E-08	1.68E-07
1579	494561.06	3858701.99	2.40E-04	2.77E-04	1.28E-04	8.33E-08	2.52E-07	1.46E-07	1.68E-07	1.52E-07	6.95E-08	3.21E-08	2.78E-09	6.72E-08	1.48E-08	2.28E-08	3.62E-08	6.38E-09	1.68E-08	1.67E-07
1580	494611.06	3858701.99	2.36E-04	2.72E-04	1.25E-04	8.17E-08	2.47E-07	1.43E-07	1.65E-07	1.49E-07	6.82E-08	3.14E-08	2.73E-09	6.59E-08	1.45E-08	2.24E-08	3.55E-08	6.26E-09	1.65E-08	1.64E-07
1581	494661.06	3858701.99	2.36E-04	2.72E-04	1.25E-04	8.17E-08	2.47E-07	1.43E-07	1.65E-07	1.49E-07	6.82E-08	3.14E-08	2.73E-09	6.59E-08	1.45E-08	2.24E-08	3.55E-08	6.26E-09	1.65E-08	1.64E-07
1582	494711.06	3858701.99	2.25E-04	2.60E-04	1.20E-04	7.81E-08	2.36E-07	1.37E-07	1.58E-07	1.43E-07	6.52E-08	3.01E-08	2.61E-09	6.30E-08	1.39E-08	2.14E-08	3.39E-08	5.98E-09	1.58E-08	1.57E-07

1583	494761.06	3858701.99	2.28E-04	2.63E-04	1.21E-04	7.90E-08	2.38E-07	1.38E-07	1.59E-07	1.44E-07	6.59E-08	3.04E-08	2.64E-09	6.37E-08	1.41E-08	2.16E-08	3.43E-08	6.05E-09	1.59E-08	1.58E-07
1584	494811.06	3858701.99	2.24E-04	2.59E-04	1.19E-04	7.78E-08	2.35E-07	1.36E-07	1.57E-07	1.42E-07	6.49E-08	2.99E-08	2.60E-09	6.27E-08	1.38E-08	2.13E-08	3.38E-08	5.96E-09	1.57E-08	1.56E-07
1585	494861.06	3858701.99	2.20E-04	2.54E-04	1.17E-04	7.62E-08	2.30E-07	1.33E-07	1.54E-07	1.39E-07	6.36E-08	2.93E-08	2.54E-09	6.15E-08	1.36E-08	2.09E-08	3.31E-08	5.83E-09	1.54E-08	1.53E-07
1586	494911.06	3858701.99	2.17E-04	2.50E-04	1.15E-04	7.51E-08	2.27E-07	1.31E-07	1.52E-07	1.37E-07	6.27E-08	2.89E-08	2.51E-09	6.06E-08	1.34E-08	2.06E-08	3.26E-08	5.75E-09	1.52E-08	1.51E-07
1587	494961.06	3858701.99	2.10E-04	2.43E-04	1.12E-04	7.29E-08	2.20E-07	1.27E-07	1.47E-07	1.33E-07	6.08E-08	2.81E-08	2.43E-09	5.88E-08	1.30E-08	2.00E-08	3.17E-08	5.58E-09	1.47E-08	1.46E-07
1588	495011.06	3858701.99	2.07E-04	2.38E-04	1.10E-04	7.16E-08	2.16E-07	1.25E-07	1.44E-07	1.31E-07	5.97E-08	2.75E-08	2.39E-09	5.77E-08	1.27E-08	1.96E-08	3.11E-08	5.48E-09	1.45E-08	1.44E-07
1589	495061.06	3858701.99	2.05E-04	2.37E-04	1.09E-04	7.10E-08	2.14E-07	1.24E-07	1.43E-07	1.30E-07	5.93E-08	2.73E-08	2.37E-09	5.73E-08	1.26E-08	1.95E-08	3.09E-08	5.44E-09	1.43E-08	1.42E-07
1590	495111.06	3858701.99	2.00E-04	2.31E-04	1.07E-04	6.94E-08	2.10E-07	1.21E-07	1.40E-07	1.27E-07	5.79E-08	2.67E-08	2.32E-09	5.60E-08	1.24E-08	1.90E-08	3.02E-08	5.32E-09	1.40E-08	1.39E-07
1591	495161.06	3858701.99	1.98E-04	2.29E-04	1.06E-04	6.87E-08	2.07E-07	1.20E-07	1.39E-07	1.26E-07	5.73E-08	2.64E-08	2.29E-09	5.54E-08	1.22E-08	1.88E-08	2.99E-08	5.26E-09	1.39E-08	1.38E-07
1592	495211.06	3858701.99	1.95E-04	2.25E-04	1.04E-04	6.77E-08	2.04E-07	1.18E-07	1.37E-07	1.24E-07	5.65E-08	2.60E-08	2.26E-09	5.46E-08	1.20E-08	1.85E-08	2.94E-08	5.18E-09	1.37E-08	1.36E-07
1593	495261.06	3858701.99	1.95E-04	2.25E-04	1.04E-04	6.75E-08	2.04E-07	1.18E-07	1.36E-07	1.23E-07	5.63E-08	2.60E-08	2.25E-09	5.44E-08	1.20E-08	1.85E-08	2.93E-08	5.17E-09	1.36E-08	1.35E-07
1594	495311.06	3858701.99	1.94E-04	2.24E-04	1.03E-04	6.73E-08	2.03E-07	1.18E-07	1.36E-07	1.23E-07	5.62E-08	2.59E-08	2.25E-09	5.43E-08	1.20E-08	1.84E-08	2.93E-08	5.16E-09	1.36E-08	1.35E-07
1595	495361.06	3858701.99	1.93E-04	2.23E-04	1.03E-04	6.70E-08	2.02E-07	1.17E-07	1.35E-07	1.22E-07	5.59E-08	2.58E-08	2.24E-09	5.40E-08	1.19E-08	1.83E-08	2.91E-08	5.13E-09	1.35E-08	1.34E-07
1596	495411.06	3858701.99	1.93E-04	2.23E-04	1.03E-04	6.70E-08	2.02E-07	1.17E-07	1.35E-07	1.22E-07	5.59E-08	2.58E-08	2.24E-09	5.40E-08	1.19E-08	1.83E-08	2.91E-08	5.13E-09	1.35E-08	1.34E-07
1597	495461.06	3858701.99	1.93E-04	2.22E-04	1.02E-04	6.67E-08	2.01E-07	1.17E-07	1.35E-07	1.22E-07	5.57E-08	2.57E-08	2.23E-09	5.38E-08	1.19E-08	1.83E-08	2.90E-08	5.11E-09	1.35E-08	1.34E-07
1598	495511.06	3858701.99	1.91E-04	2.21E-04	1.02E-04	6.63E-08	2.00E-07	1.16E-07	1.34E-07	1.21E-07	5.53E-08	2.55E-08	2.21E-09	5.35E-08	1.18E-08	1.82E-08	2.88E-08	5.08E-09	1.34E-08	1.33E-07
1599	495561.06	3858701.99	1.90E-04	2.19E-04	1.01E-04	6.57E-08	1.98E-07	1.15E-07	1.33E-07	1.20E-07	5.48E-08	2.53E-08	2.19E-09	5.30E-08	1.17E-08	1.80E-08	2.86E-08	5.03E-09	1.33E-08	1.32E-07
1600	495611.06	3858701.99	1.88E-04	2.17E-04	1.00E-04	6.51E-08	1.97E-07	1.14E-07	1.31E-07	1.19E-07	5.44E-08	2.51E-08	2.18E-09	5.25E-08	1.16E-08	1.78E-08	2.83E-08	4.99E-09	1.32E-08	1.31E-07
1601	495661.06	3858701.99	1.87E-04	2.16E-04	9.96E-05	6.48E-08	1.96E-07	1.13E-07	1.31E-07	1.19E-07	5.41E-08	2.49E-08	2.16E-09	5.23E-08	1.15E-08	1.78E-08	2.82E-08	4.96E-09	1.31E-08	1.30E-07
1602	494311.06	3858751.99	2.18E-04	2.52E-04	1.16E-04	7.57E-08	2.29E-07	1.32E-07	1.53E-07	1.38E-07	6.31E-08	2.92E-08	2.53E-09	6.10E-08	1.35E-08	2.07E-08	3.29E-08	5.79E-09	1.53E-08	1.52E-07
1603	494361.06	3858751.99	2.38E-04	2.75E-04	1.27E-04	8.25E-08	2.49E-07	1.44E-07	1.66E-07	1.51E-07	6.88E-08	3.18E-08	2.75E-09	6.65E-08	1.47E-08	2.26E-08	3.58E-08	6.32E-09	1.67E-08	1.65E-07
1604	494411.06	3858751.99	2.45E-04	2.83E-04	1.31E-04	8.50E-08	2.57E-07	1.49E-07	1.71E-07	1.55E-07	7.09E-08	3.27E-08	2.84E-09	6.85E-08	1.51E-08	2.33E-08	3.69E-08	6.51E-09	1.72E-08	1.70E-07
1605	494461.06	3858751.99	2.45E-04	2.83E-04	1.31E-04	8.51E-08	2.57E-07	1.49E-07	1.72E-07	1.56E-07	7.10E-08	3.27E-08	2.84E-09	6.86E-08	1.51E-08	2.33E-08	3.70E-08	6.51E-09	1.72E-08	1.71E-07
1606	494511.06	3858751.99	2.45E-04	2.83E-04	1.30E-04	8.50E-08	2.57E-07	1.49E-07	1.71E-07	1.55E-07	7.09E-08	3.27E-08	2.84E-09	6.86E-08	1.51E-08	2.33E-08	3.69E-08	6.51E-09	1.72E-08	1.70E-07
1607	494561.06	3858751.99	2.43E-04	2.81E-04	1.29E-04	8.43E-08	2.54E-07	1.47E-07	1.70E-07	1.54E-07	7.03E-08	3.24E-08	2.81E-09	6.80E-08	1.50E-08	2.31E-08	3.66E-08	6.45E-09	1.70E-08	1.69E-07
1608	494611.06	3858751.99	2.39E-04	2.76E-04	1.27E-04	8.29E-08	2.50E-07	1.45E-07	1.67E-07	1.52E-07	6.92E-08	3.19E-08	2.77E-09	6.69E-08	1.48E-08	2.27E-08	3.60E-08	6.35E-09	1.67E-08	1.66E-07
1609	494661.06	3858751.99	2.38E-04	2.75E-04	1.27E-04	8.24E-08	2.49E-07	1.44E-07	1.66E-07	1.51E-07	6.88E-08	3.17E-08	2.75E-09	6.65E-08	1.47E-08	2.26E-08	3.58E-08	6.31E-09	1.66E-08	1.65E-07
1610	494711.06	3858751.99	2.32E-04	2.68E-04	1.24E-04	8.05E-08	2.43E-07	1.41E-07	1.62E-07	1.47E-07	6.72E-08	3.10E-08	2.69E-09	6.49E-08	1.43E-08	2.20E-08	3.50E-08	6.16E-09	1.63E-08	1.61E-07
1611	494761.06	3858751.99	2.30E-04	2.65E-04	1.22E-04	7.97E-08	2.41E-07	1.39E-07	1.61E-07	1.46E-07	6.65E-08	3.07E-08	2.66E-09	6.43E-08	1.42E-08	2.18E-08	3.46E-08	6.10E-09	1.61E-08	1.60E-07
1612	494811.06	3858751.99	2.25E-04	2.60E-04	1.20E-04	7.80E-08	2.35E-07	1.36E-07	1.57E-07	1.43E-07	6.51E-08	3.00E-08	2.60E-09	6.29E-08	1.39E-08	2.14E-08	3.39E-08	5.97E-09	1.57E-08	1.56E-07
1613	494861.06	3858751.99	2.21E-04	2.55E-04	1.17E-04	7.65E-08	2.31E-07	1.34E-07	1.54E-07	1.40E-07	6.38E-08	2.94E-08	2.55E-09	6.17E-08	1.36E-08	2.10E-08	3.32E-08	5.86E-09	1.54E-08	1.53E-07
1614	494911.06	3858751.99	2.16E-04	2.49E-04	1.15E-04	7.49E-08	2.26E-07	1.31E-07	1.51E-07	1.37E-07	6.25E-08	2.88E-08	2.50E-09	6.04E-08	1.33E-08	2.05E-08	3.25E-08	5.73E-09	1.51E-08	1.50E-07
1615	494961.06	3858751.99	2.13E-04	2.45E-04	1.13E-04	7.37E-08	2.23E-07	1.29E-07	1.49E-07	1.35E-07	6.15E-08	2.84E-08	2.46E-09	5.94E-08	1.31E-08	2.02E-08	3.20E-08	5.64E-09	1.49E-08	1.48E-07
1616	495011.06	3858751.99	2.11E-04	2.43E-04	1.12E-04	7.30E-08	2.20E-07	1.28E-07	1.47E-07	1.33E-07	6.09E-08	2.81E-08	2.44E-09	5.88E-08	1.30E-08	2.00E-08	3.17E-08	5.59E-09	1.47E-08	1.46E-07
1617	495061.06	3858751.99	2.07E-04	2.39E-04	1.10E-04	7.17E-08	2.17E-07	1.25E-07	1.45E-07	1.31E-07	5.99E-08	2.76E-08	2.40E-09	5.79E-08	1.28E-08	1.97E-08	3.12E-08	5.49E-09	1.45E-08	1.44E-07
1618	495111.06	3858751.99	2.03E-04	2.34E-04	1.08E-04	7.03E-08	2.12E-07	1.23E-07	1.42E-07	1.29E-07	5.87E-08	2.71E-08	2.35E-09	5.67E-08	1.25E-08	1.93E-08	3.05E-08	5.38E-09	1.42E-08	1.41E-07
1619	495161.06	3858751.99	2.01E-04	2.32E-04	1.07E-04	6.95E-08	2.10E-07	1.22E-07	1.40E-07	1.27E-07	5.80E-08	2.68E-08	2.32E-09	5.61E-08	1.24E-08	1.90E-08	3.02E-08	5.32E-09	1.40E-08	1.39E-07
1620	495211.06	3858751.99	1.98E-04	2.28E-04	1.05E-04	6.85E-08	2.07E-07	1.20E-07	1.38E-07	1.25E-07	5.71E-08	2.64E-08	2.29E-09	5.52E-08	1.22E-08	1.88E-08	2.98E-08	5.24E-09	1.38E-08	1.37E-07
1621	495261.06	3858751.99	1.97E-04	2.27E-04	1.05E-04	6.83E-08	2.06E-07	1.19E-07	1.38E-07	1.25E-07	5.70E-08	2.63E-08	2.28E-09	5.51E-08	1.21E-08	1.87E-08	2.97E-08	5.23E-09	1.38E-08	1.37E-07
1622	495311.06	3858751.99	1.97E-04	2.27E-04	1.05E-04	6.81E-08	2.06E-07	1.19E-07	1.37E-07	1.25E-07	5.68E-08	2.62E-08	2.27E-09	5.49E-08	1.21E-08	1.87E-08	2.96E-08	5.22E-09	1.38E-08	1.37E-07
1623	495361.06	3858751.99	1.96E-04	2.26E-04	1.04E-04	6.78E-08	2.05E-07	1.18E-07	1.37E-07	1.24E-07	5.66E-08	2.61E-08	2.26E-09	5.47E-08	1.21E-08	1.86E-08	2.95E-08	5.19E-09	1.37E-08	1.36E-07
1624	495411.06	3858751.99	1.96E-04	2.26E-04	1.04E-04	6.79E-08	2.05E-07	1.19E-07	1.37E-07	1.24E-07	5.66E-08	2.61E-08	2.27E-09	5.47E-08	1.21E-08	1.86E-08	2.95E-08	5.20E-09	1.37E-08	1.36E-07
1625	495461.06	3858751.99	1.95E-04	2.25E-04	1.04E-04	6.76E-08	2.04E-07	1.18E-07	1.36E-07	1.24E-07	5.64E-08	2.60E-08	2.26E-09	5.45E-08	1.20E-08	1.85E-08	2.94E-08	5.18E-09	1.37E-08	1.36E-07
1626	495511.06	3858751.99	1.94E-04	2.24E-04	1.03E-04	6.72E-08	2.03E-07	1.17E-07	1.36E-07	1.23E-07	5.61E-08	2.58E-08	2.24E-09	5.42E-08	1.20E-08	1.84E-08	2.92E-08	5.14E-09	1.36E-08	1.35E-07
1627	495561.06	3858751.99	1.92E-04	2.22E-04	1.02E-04	6.66E-08	2.01E-07	1.16E-07	1.34E-07	1.22E-07	5.56E-08	2.56E-08	2.23E-09	5.38E-08	1.19E-08	1.83E-08	2.90E-08	5.10E-09	1.35E-08	1.34E-07
1628	495611.06	3858751.99	1.91E-04	2.20E-04	1.01E-04	6.61E-08	2.00E-07	1.16E-07	1.33E-07	1.21E-07	5.52E-08	2.54E-08	2.21E-09	5.33E-08	1.18E-08	1.81E-08	2.87E-08	5.06E-09	1.33E-08	1.33E-07
1629	495661.06	3858751.99	1.90E-04	2.19E-04	1.01E-04	6.57E-08	1.98E-07	1.15E-07	1.33E-07	1.20E-07	5.48E-08	2.53E-08	2.19E-09	5.30E-08	1.17E-08	1.80E-08	2.85E-08	5.03E-09	1.33E-08	1.32E-07
1630	494311.06	3858801.99	2.26E-04	2.60E-04	1.20E-04	7.82E-08	2.36E-07	1.37E-07	1.58E-07	1.43E-07	6.52E-08	3.01E-08	2.61E-09	6.31E-08	1.39E-08	2.14E-08	3.40E-08	5.99E-09	1.58E-08	1.57E-07
1631	494361.06	3858801.99	2.42E-04	2.79E-04	1.29E-04	8.37E-08	2.53E-07	1.46E-07	1.69E-07	1.53E-07	6.98E-08	3.22E-08	2.79E-09	6.75E-08	1.49E-08	2.29E-08	3.64E-08	6.41E-09	1.69E-08	1.68E-07
1632	494411.06	3858801.99	2.45E-04	2.83E-04	1.31E-04	8.50E-08	2.57E-07	1.49E-07	1.72E-07	1.55E-07	7.10E-08	3.27E-08	2.84E-09	6.86E-08	1.51E-08	2.33E-08	3.69E-08	6.51E-09	1.72E-08	1.70E-07
1633	494461.06	3858801.99	2.47E-04	2.85E-04	1.32E-04	8.57E-08	2.59E-07	1.50E-07	1.73E-07	1.57E-07	7.15E-08	3.30E-08	2.86E-09	6.91E-08	1.52E-08	2.35E-08	3.72E-08	6.56E-09	1.73E-08	1.72E-07
1634	494511.06	3858801.99	2.47E-04	2.86E-04	1.32E-04	8.57E-08	2.59E-07	1.50E-07	1.73E-07	1.57E-07	7.15E-08	3.30E-08	2.86E-09	6.92E-08	1.53E-08	2.35E-08	3.73E-08	6.57E-09	1.73E-08	1.72E-07
1635	494561.06	3858801.99	2.47E-04	2.85E-04	1.31E-04	8.54E-08	2.58E-07	1.49E-07	1.72E-07	1.56E-07	7.13E-08	3.29E-08	2.85E-09	6.89E-08	1.52E-08	2.34E-08	3.71E-08	6.54E-09	1.72E-08	1.71E-07

1636	494611.06	3858801.99	2.45E-04	2.82E-04	1.30E-04	8.47E-08	2.56E-07	1.48E-07	1.71E-07	1.55E-07	7.07E-08	3.26E-08	2.83E-09	6.84E-08	1.51E-08	2.32E-08	3.68E-08	6.49E-09	1.71E-08	1.70E-07
1637	494661.06	3858801.99	2.41E-04	2.78E-04	1.28E-04	8.34E-08	2.52E-07	1.46E-07	1.68E-07	1.53E-07	6.96E-08	3.21E-08	2.79E-09	6.73E-08	1.49E-08	2.29E-08	3.63E-08	6.39E-09	1.68E-08	1.67E-07
1638	494711.06	3858801.99	2.36E-04	2.73E-04	1.26E-04	8.19E-08	2.47E-07	1.43E-07	1.65E-07	1.50E-07	6.83E-08	3.15E-08	2.73E-09	6.60E-08	1.46E-08	2.24E-08	3.56E-08	6.27E-09	1.65E-08	1.64E-07
1639	494761.06	3858801.99	2.31E-04	2.66E-04	1.23E-04	8.00E-08	2.42E-07	1.40E-07	1.61E-07	1.46E-07	6.67E-08	3.08E-08	2.67E-09	6.45E-08	1.42E-08	2.19E-08	3.48E-08	6.13E-09	1.61E-08	1.60E-07
1640	494811.06	3858801.99	2.25E-04	2.60E-04	1.20E-04	7.80E-08	2.36E-07	1.36E-07	1.57E-07	1.43E-07	6.51E-08	3.00E-08	2.61E-09	6.29E-08	1.39E-08	2.14E-08	3.39E-08	5.97E-09	1.58E-08	1.56E-07
1641	494861.06	3858801.99	2.22E-04	2.57E-04	1.18E-04	7.71E-08	2.33E-07	1.35E-07	1.55E-07	1.41E-07	6.43E-08	2.96E-08	2.57E-09	6.22E-08	1.37E-08	2.11E-08	3.35E-08	5.90E-09	1.56E-08	1.54E-07
1642	494911.06	3858801.99	2.18E-04	2.51E-04	1.16E-04	7.55E-08	2.28E-07	1.32E-07	1.52E-07	1.38E-07	6.30E-08	2.90E-08	2.52E-09	6.09E-08	1.34E-08	2.07E-08	3.28E-08	5.78E-09	1.52E-08	1.51E-07
1643	494961.06	3858801.99	2.15E-04	2.48E-04	1.14E-04	7.44E-08	2.25E-07	1.30E-07	1.50E-07	1.36E-07	6.21E-08	2.86E-08	2.48E-09	6.00E-08	1.32E-08	2.04E-08	3.23E-08	5.70E-09	1.50E-08	1.49E-07
1644	495011.06	3858801.99	2.11E-04	2.44E-04	1.12E-04	7.32E-08	2.21E-07	1.28E-07	1.48E-07	1.34E-07	6.11E-08	2.82E-08	2.44E-09	5.90E-08	1.30E-08	2.00E-08	3.18E-08	5.60E-09	1.48E-08	1.47E-07
1645	495061.06	3858801.99	2.09E-04	2.41E-04	1.11E-04	7.25E-08	2.19E-07	1.27E-07	1.46E-07	1.33E-07	6.05E-08	2.79E-08	2.42E-09	5.84E-08	1.29E-08	1.98E-08	3.15E-08	5.55E-09	1.46E-08	1.45E-07
1646	495111.06	3858801.99	2.05E-04	2.36E-04	1.09E-04	7.09E-08	2.14E-07	1.24E-07	1.43E-07	1.30E-07	5.91E-08	2.73E-08	2.37E-09	5.72E-08	1.26E-08	1.94E-08	3.08E-08	5.43E-09	1.43E-08	1.42E-07
1647	495161.06	3858801.99	2.01E-04	2.32E-04	1.07E-04	6.97E-08	2.11E-07	1.22E-07	1.41E-07	1.28E-07	5.82E-08	2.68E-08	2.33E-09	5.62E-08	1.24E-08	1.91E-08	3.03E-08	5.34E-09	1.41E-08	1.40E-07
1648	495211.06	3858801.99	2.00E-04	2.30E-04	1.06E-04	6.92E-08	2.09E-07	1.21E-07	1.40E-07	1.27E-07	5.77E-08	2.66E-08	2.31E-09	5.58E-08	1.23E-08	1.90E-08	3.01E-08	5.30E-09	1.40E-08	1.39E-07
1649	495261.06	3858801.99	1.99E-04	2.30E-04	1.06E-04	6.90E-08	2.08E-07	1.21E-07	1.39E-07	1.26E-07	5.76E-08	2.66E-08	2.30E-09	5.57E-08	1.23E-08	1.89E-08	3.00E-08	5.28E-09	1.39E-08	1.38E-07
1650	495311.06	3858801.99	1.99E-04	2.30E-04	1.06E-04	6.89E-08	2.08E-07	1.20E-07	1.39E-07	1.26E-07	5.75E-08	2.65E-08	2.30E-09	5.56E-08	1.23E-08	1.89E-08	3.00E-08	5.28E-09	1.39E-08	1.38E-07
1651	495361.06	3858801.99	1.98E-04	2.29E-04	1.05E-04	6.87E-08	2.07E-07	1.20E-07	1.39E-07	1.26E-07	5.73E-08	2.64E-08	2.29E-09	5.54E-08	1.22E-08	1.88E-08	2.98E-08	5.26E-09	1.39E-08	1.38E-07
1652	495411.06	3858801.99	1.99E-04	2.30E-04	1.06E-04	6.90E-08	2.08E-07	1.21E-07	1.39E-07	1.26E-07	5.75E-08	2.65E-08	2.30E-09	5.56E-08	1.23E-08	1.89E-08	3.00E-08	5.28E-09	1.39E-08	1.38E-07
1653	495461.06	3858801.99	1.98E-04	2.28E-04	1.05E-04	6.86E-08	2.07E-07	1.20E-07	1.38E-07	1.25E-07	5.73E-08	2.64E-08	2.29E-09	5.53E-08	1.22E-08	1.88E-08	2.98E-08	5.25E-09	1.39E-08	1.38E-07
1654	495511.06	3858801.99	1.96E-04	2.27E-04	1.04E-04	6.81E-08	2.05E-07	1.19E-07	1.37E-07	1.24E-07	5.68E-08	2.62E-08	2.27E-09	5.49E-08	1.21E-08	1.86E-08	2.96E-08	5.21E-09	1.37E-08	1.36E-07
1655	495561.06	3858801.99	1.95E-04	2.25E-04	1.04E-04	6.76E-08	2.04E-07	1.18E-07	1.36E-07	1.24E-07	5.64E-08	2.60E-08	2.26E-09	5.45E-08	1.20E-08	1.85E-08	2.94E-08	5.18E-09	1.37E-08	1.36E-07
1656	495611.06	3858801.99	1.93E-04	2.23E-04	1.03E-04	6.69E-08	2.02E-07	1.17E-07	1.35E-07	1.22E-07	5.58E-08	2.57E-08	2.23E-09	5.40E-08	1.19E-08	1.83E-08	2.91E-08	5.12E-09	1.35E-08	1.34E-07
1657	495661.06	3858801.99	1.92E-04	2.22E-04	1.02E-04	6.66E-08	2.01E-07	1.16E-07	1.34E-07	1.22E-07	5.56E-08	2.56E-08	2.22E-09	5.37E-08	1.19E-08	1.82E-08	2.90E-08	5.10E-09	1.34E-08	1.34E-07
1658	494311.06	3858851.99	2.41E-04	2.78E-04	1.28E-04	8.34E-08	2.52E-07	1.46E-07	1.68E-07	1.53E-07	6.96E-08	3.21E-08	2.79E-09	6.73E-08	1.49E-08	2.29E-08	3.63E-08	6.39E-09	1.69E-08	1.67E-07
1659	494361.06	3858851.99	2.49E-04	2.88E-04	1.33E-04	8.65E-08	2.61E-07	1.51E-07	1.74E-07	1.58E-07	7.21E-08	3.33E-08	2.89E-09	6.97E-08	1.54E-08	2.37E-08	3.76E-08	6.62E-09	1.75E-08	1.73E-07
1660	494411.06	3858851.99	2.49E-04	2.87E-04	1.33E-04	8.63E-08	2.61E-07	1.51E-07	1.74E-07	1.58E-07	7.20E-08	3.32E-08	2.88E-09	6.96E-08	1.54E-08	2.36E-08	3.75E-08	6.61E-09	1.74E-08	1.73E-07
1661	494461.06	3858851.99	2.50E-04	2.88E-04	1.33E-04	8.65E-08	2.61E-07	1.51E-07	1.75E-07	1.58E-07	7.22E-08	3.33E-08	2.89E-09	6.98E-08	1.54E-08	2.37E-08	3.76E-08	6.63E-09	1.75E-08	1.73E-07
1662	494511.06	3858851.99	2.49E-04	2.87E-04	1.32E-04	8.62E-08	2.60E-07	1.51E-07	1.74E-07	1.58E-07	7.19E-08	3.32E-08	2.88E-09	6.95E-08	1.53E-08	2.36E-08	3.75E-08	6.60E-09	1.74E-08	1.73E-07
1663	494561.06	3858851.99	2.47E-04	2.86E-04	1.32E-04	8.58E-08	2.59E-07	1.50E-07	1.73E-07	1.57E-07	7.16E-08	3.30E-08	2.86E-09	6.92E-08	1.53E-08	2.35E-08	3.73E-08	6.57E-09	1.73E-08	1.72E-07
1664	494611.06	3858851.99	2.45E-04	2.83E-04	1.30E-04	8.49E-08	2.56E-07	1.48E-07	1.71E-07	1.55E-07	7.08E-08	3.26E-08	2.83E-09	6.84E-08	1.51E-08	2.32E-08	3.69E-08	6.50E-09	1.71E-08	1.70E-07
1665	494661.06	3858851.99	2.41E-04	2.79E-04	1.28E-04	8.37E-08	2.53E-07	1.46E-07	1.69E-07	1.53E-07	6.98E-08	3.22E-08	2.79E-09	6.75E-08	1.49E-08	2.29E-08	3.64E-08	6.41E-09	1.69E-08	1.68E-07
1666	494711.06	3858851.99	2.36E-04	2.73E-04	1.26E-04	8.18E-08	2.47E-07	1.43E-07	1.65E-07	1.50E-07	6.83E-08	3.15E-08	2.73E-09	6.60E-08	1.46E-08	2.24E-08	3.56E-08	6.27E-09	1.65E-08	1.64E-07
1667	494761.06	3858851.99	2.31E-04	2.67E-04	1.23E-04	8.00E-08	2.42E-07	1.40E-07	1.61E-07	1.46E-07	6.68E-08	3.08E-08	2.67E-09	6.46E-08	1.42E-08	2.19E-08	3.48E-08	6.13E-09	1.62E-08	1.60E-07
1668	494811.06	3858851.99	2.27E-04	2.62E-04	1.21E-04	7.86E-08	2.37E-07	1.37E-07	1.59E-07	1.44E-07	6.56E-08	3.02E-08	2.62E-09	6.34E-08	1.40E-08	2.15E-08	3.41E-08	6.02E-09	1.59E-08	1.58E-07
1669	494861.06	3858851.99	2.24E-04	2.59E-04	1.19E-04	7.77E-08	2.35E-07	1.36E-07	1.57E-07	1.42E-07	6.48E-08	2.99E-08	2.59E-09	6.27E-08	1.38E-08	2.13E-08	3.38E-08	5.95E-09	1.57E-08	1.56E-07
1670	494911.06	3858851.99	2.20E-04	2.54E-04	1.17E-04	7.63E-08	2.30E-07	1.33E-07	1.54E-07	1.40E-07	6.37E-08	2.94E-08	2.55E-09	6.16E-08	1.36E-08	2.09E-08	3.32E-08	5.84E-09	1.54E-08	1.53E-07
1671	494961.06	3858851.99	2.17E-04	2.50E-04	1.15E-04	7.51E-08	2.27E-07	1.31E-07	1.52E-07	1.37E-07	6.27E-08	2.89E-08	2.51E-09	6.06E-08	1.34E-08	2.06E-08	3.27E-08	5.75E-09	1.52E-08	1.51E-07
1672	495011.06	3858851.99	2.14E-04	2.47E-04	1.14E-04	7.42E-08	2.24E-07	1.30E-07	1.50E-07	1.36E-07	6.19E-08	2.85E-08	2.48E-09	5.99E-08	1.32E-08	2.03E-08	3.23E-08	5.68E-09	1.50E-08	1.49E-07
1673	495061.06	3858851.99	2.11E-04	2.43E-04	1.12E-04	7.31E-08	2.21E-07	1.28E-07	1.47E-07	1.34E-07	6.10E-08	2.81E-08	2.44E-09	5.90E-08	1.30E-08	2.00E-08	3.18E-08	5.60E-09	1.48E-08	1.47E-07
1674	495111.06	3858851.99	2.05E-04	2.36E-04	1.09E-04	7.09E-08	2.14E-07	1.24E-07	1.43E-07	1.30E-07	5.92E-08	2.73E-08	2.37E-09	5.72E-08	1.26E-08	1.94E-08	3.08E-08	5.43E-09	1.43E-08	1.42E-07
1675	495161.06	3858851.99	2.02E-04	2.33E-04	1.07E-04	6.98E-08	2.11E-07	1.22E-07	1.41E-07	1.28E-07	5.83E-08	2.69E-08	2.33E-09	5.63E-08	1.24E-08	1.91E-08	3.03E-08	5.35E-09	1.41E-08	1.40E-07
1676	495211.06	3858851.99	2.02E-04	2.33E-04	1.08E-04	7.00E-08	2.11E-07	1.22E-07	1.41E-07	1.28E-07	5.84E-08	2.69E-08	2.34E-09	5.65E-08	1.25E-08	1.92E-08	3.04E-08	5.36E-09	1.41E-08	1.40E-07
1677	495261.06	3858851.99	2.01E-04	2.33E-04	1.07E-04	6.98E-08	2.11E-07	1.22E-07	1.41E-07	1.28E-07	5.83E-08	2.69E-08	2.33E-09	5.63E-08	1.24E-08	1.91E-08	3.03E-08	5.35E-09	1.41E-08	1.40E-07
1678	495311.06	3858851.99	2.02E-04	2.33E-04	1.07E-04	6.99E-08	2.11E-07	1.22E-07	1.41E-07	1.28E-07	5.83E-08	2.69E-08	2.33E-09	5.63E-08	1.24E-08	1.91E-08	3.04E-08	5.35E-09	1.41E-08	1.40E-07
1679	495361.06	3858851.99	2.01E-04	2.32E-04	1.07E-04	6.97E-08	2.10E-07	1.22E-07	1.41E-07	1.27E-07	5.82E-08	2.68E-08	2.33E-09	5.62E-08	1.24E-08	1.91E-08	3.03E-08	5.34E-09	1.41E-08	1.40E-07
1680	495411.06	3858851.99	2.01E-04	2.32E-04	1.07E-04	6.96E-08	2.10E-07	1.22E-07	1.40E-07	1.27E-07	5.80E-08	2.68E-08	2.32E-09	5.61E-08	1.24E-08	1.91E-08	3.02E-08	5.33E-09	1.40E-08	1.39E-07
1681	495461.06	3858851.99	2.00E-04	2.31E-04	1.07E-04	6.95E-08	2.10E-07	1.21E-07	1.40E-07	1.27E-07	5.80E-08	2.67E-08	2.32E-09	5.60E-08	1.24E-08	1.90E-08	3.02E-08	5.32E-09	1.40E-08	1.39E-07
1682	495511.06	3858851.99	2.00E-04	2.31E-04	1.06E-04	6.93E-08	2.09E-07	1.21E-07	1.40E-07	1.27E-07	5.78E-08	2.67E-08	2.31E-09	5.59E-08	1.23E-08	1.90E-08	3.01E-08	5.31E-09	1.40E-08	1.39E-07
1683	495561.06	3858851.99	1.97E-04	2.27E-04	1.05E-04	6.82E-08	2.06E-07	1.19E-07	1.38E-07	1.25E-07	5.69E-08	2.62E-08	2.28E-09	5.50E-08	1.21E-08	1.87E-08	2.96E-08	5.22E-09	1.38E-08	1.37E-07
1684	495611.06	3858851.99	1.94E-04	2.24E-04	1.03E-04	6.74E-08	2.03E-07	1.18E-07	1.36E-07	1.23E-07	5.62E-08	2.59E-08	2.25E-09	5.44E-08	1.20E-08	1.85E-08	2.93E-08	5.16E-09	1.36E-08	1.35E-07
1685	495661.06	3858851.99	1.94E-04	2.24E-04	1.03E-04	6.73E-08	2.03E-07	1.18E-07	1.36E-07	1.23E-07	5.62E-08	2.59E-08	2.25E-09	5.43E-08	1.20E-08	1.84E-08	2.92E-08	5.15E-09	1.36E-08	1.35E-07
1686	494311.06	3858901.99	2.46E-04	2.83E-04	1.31E-04	8.51E-08	2.57E-07	1.49E-07	1.72E-07	1.56E-07	7.10E-08	3.27E-08	2.84E-09	6.86E-08	1.51E-08	2.33E-08	3.70E-08	6.52E-09	1.72E-08	1.71E-07
1687	494361.06	3858901.99	2.52E-04	2.90E-04	1.34E-04	8.72E-08	2.63E-07	1.52E-07	1.76E-07	1.59E-07	7.28E-08	3.36E-08	2.91E-09	7.03E-08	1.55E-08	2.39E-08	3.79E-08	6.68E-09	1.76E-08	1.75E-07
1688	494411.06	3858901.99	2.52E-04	2.91E-04	1.34E-04	8.74E-08	2.64E-07	1.53E-07	1.76E-07	1.60E-07	7.29E-08	3.36E-08	2.92E-09	7.05E-08	1.56E-08	2.39E-08	3.80E-08	6.69E-09	1.76E-08	1.75E-07

1689	494461.06	3858901.99	2.52E-04	2.91E-04	1.34E-04	8.73E-08	2.64E-07	1.53E-07	1.76E-07	1.60E-07	7.29E-08	3.36E-08	2.92E-09	7.04E-08	1.55E-08	2.39E-08	3.80E-08	6.69E-09	1.76E-08	1.75E-07
1690	494511.06	3858901.99	2.52E-04	2.91E-04	1.34E-04	8.73E-08	2.63E-07	1.53E-07	1.76E-07	1.60E-07	7.28E-08	3.36E-08	2.91E-09	7.04E-08	1.55E-08	2.39E-08	3.79E-08	6.68E-09	1.76E-08	1.75E-07
1691	494561.06	3858901.99	2.49E-04	2.88E-04	1.33E-04	8.64E-08	2.61E-07	1.51E-07	1.74E-07	1.58E-07	7.21E-08	3.32E-08	2.88E-09	6.97E-08	1.54E-08	2.37E-08	3.75E-08	6.61E-09	1.74E-08	1.73E-07
1692	494611.06	3858901.99	2.44E-04	2.82E-04	1.30E-04	8.47E-08	2.56E-07	1.48E-07	1.71E-07	1.55E-07	7.07E-08	3.26E-08	2.83E-09	6.83E-08	1.51E-08	2.32E-08	3.68E-08	6.48E-09	1.71E-08	1.70E-07
1693	494661.06	3858901.99	2.42E-04	2.79E-04	1.29E-04	8.38E-08	2.53E-07	1.46E-07	1.69E-07	1.53E-07	6.99E-08	3.22E-08	2.80E-09	6.76E-08	1.49E-08	2.29E-08	3.64E-08	6.42E-09	1.69E-08	1.68E-07
1694	494711.06	3858901.99	2.37E-04	2.74E-04	1.26E-04	8.22E-08	2.48E-07	1.44E-07	1.66E-07	1.50E-07	6.86E-08	3.16E-08	2.74E-09	6.63E-08	1.46E-08	2.25E-08	3.57E-08	6.29E-09	1.66E-08	1.65E-07
1695	494761.06	3858901.99	2.31E-04	2.67E-04	1.23E-04	8.02E-08	2.42E-07	1.40E-07	1.62E-07	1.47E-07	6.70E-08	3.09E-08	2.68E-09	6.47E-08	1.43E-08	2.20E-08	3.49E-08	6.14E-09	1.62E-08	1.61E-07
1696	494811.06	3858901.99	2.28E-04	2.64E-04	1.21E-04	7.91E-08	2.39E-07	1.38E-07	1.60E-07	1.45E-07	6.60E-08	3.04E-08	2.64E-09	6.38E-08	1.41E-08	2.17E-08	3.44E-08	6.06E-09	1.60E-08	1.59E-07
1697	494861.06	3858901.99	2.26E-04	2.61E-04	1.20E-04	7.83E-08	2.37E-07	1.37E-07	1.58E-07	1.43E-07	6.54E-08	3.01E-08	2.62E-09	6.32E-08	1.39E-08	2.15E-08	3.40E-08	6.00E-09	1.58E-08	1.57E-07
1698	494911.06	3858901.99	2.20E-04	2.54E-04	1.17E-04	7.64E-08	2.31E-07	1.34E-07	1.54E-07	1.40E-07	6.37E-08	2.94E-08	2.55E-09	6.16E-08	1.36E-08	2.09E-08	3.32E-08	5.85E-09	1.54E-08	1.53E-07
1699	494961.06	3858901.99	2.18E-04	2.51E-04	1.16E-04	7.54E-08	2.28E-07	1.32E-07	1.52E-07	1.38E-07	6.29E-08	2.90E-08	2.52E-09	6.08E-08	1.34E-08	2.07E-08	3.28E-08	5.77E-09	1.52E-08	1.51E-07
1700	495011.06	3858901.99	2.15E-04	2.48E-04	1.14E-04	7.44E-08	2.25E-07	1.30E-07	1.50E-07	1.36E-07	6.21E-08	2.86E-08	2.48E-09	6.00E-08	1.32E-08	2.04E-08	3.23E-08	5.70E-09	1.50E-08	1.49E-07
1701	495061.06	3858901.99	2.10E-04	2.43E-04	1.12E-04	7.29E-08	2.20E-07	1.27E-07	1.47E-07	1.33E-07	6.09E-08	2.81E-08	2.44E-09	5.88E-08	1.30E-08	2.00E-08	3.17E-08	5.59E-09	1.47E-08	1.46E-07
1702	495111.06	3858901.99	2.04E-04	2.36E-04	1.09E-04	7.08E-08	2.14E-07	1.24E-07	1.43E-07	1.29E-07	5.91E-08	2.72E-08	2.36E-09	5.71E-08	1.26E-08	1.94E-08	3.08E-08	5.42E-09	1.43E-08	1.42E-07
1703	495161.06	3858901.99	2.03E-04	2.34E-04	1.08E-04	7.02E-08	2.12E-07	1.23E-07	1.42E-07	1.28E-07	5.86E-08	2.70E-08	2.34E-09	5.66E-08	1.25E-08	1.92E-08	3.05E-08	5.38E-09	1.42E-08	1.41E-07
1704	495211.06	3858901.99	2.04E-04	2.36E-04	1.09E-04	7.08E-08	2.14E-07	1.24E-07	1.43E-07	1.29E-07	5.90E-08	2.72E-08	2.36E-09	5.71E-08	1.26E-08	1.94E-08	3.07E-08	5.42E-09	1.43E-08	1.42E-07
1705	495261.06	3858901.99	2.04E-04	2.36E-04	1.09E-04	7.07E-08	2.14E-07	1.24E-07	1.43E-07	1.29E-07	5.90E-08	2.72E-08	2.36E-09	5.70E-08	1.26E-08	1.94E-08	3.07E-08	5.42E-09	1.43E-08	1.42E-07
1706	495311.06	3858901.99	2.03E-04	2.35E-04	1.08E-04	7.05E-08	2.13E-07	1.23E-07	1.42E-07	1.29E-07	5.88E-08	2.71E-08	2.35E-09	5.69E-08	1.25E-08	1.93E-08	3.06E-08	5.40E-09	1.42E-08	1.41E-07
1707	495361.06	3858901.99	2.03E-04	2.34E-04	1.08E-04	7.03E-08	2.12E-07	1.23E-07	1.42E-07	1.29E-07	5.87E-08	2.70E-08	2.35E-09	5.67E-08	1.25E-08	1.93E-08	3.06E-08	5.39E-09	1.42E-08	1.41E-07
1708	495411.06	3858901.99	2.03E-04	2.35E-04	1.08E-04	7.05E-08	2.13E-07	1.23E-07	1.42E-07	1.29E-07	5.88E-08	2.71E-08	2.35E-09	5.68E-08	1.25E-08	1.93E-08	3.06E-08	5.40E-09	1.42E-08	1.41E-07
1709	495461.06	3858901.99	2.02E-04	2.33E-04	1.08E-04	7.01E-08	2.12E-07	1.23E-07	1.41E-07	1.28E-07	5.85E-08	2.70E-08	2.34E-09	5.65E-08	1.25E-08	1.92E-08	3.05E-08	5.37E-09	1.41E-08	1.41E-07
1710	495511.06	3858901.99	2.00E-04	2.31E-04	1.07E-04	6.94E-08	2.10E-07	1.21E-07	1.40E-07	1.27E-07	5.79E-08	2.67E-08	2.32E-09	5.60E-08	1.24E-08	1.90E-08	3.02E-08	5.32E-09	1.40E-08	1.39E-07
1711	495561.06	3858901.99	1.99E-04	2.30E-04	1.06E-04	6.89E-08	2.08E-07	1.20E-07	1.39E-07	1.26E-07	5.75E-08	2.65E-08	2.30E-09	5.56E-08	1.23E-08	1.89E-08	3.00E-08	5.28E-09	1.39E-08	1.38E-07
1712	495611.06	3858901.99	1.97E-04	2.27E-04	1.05E-04	6.82E-08	2.06E-07	1.19E-07	1.38E-07	1.25E-07	5.69E-08	2.62E-08	2.28E-09	5.50E-08	1.21E-08	1.87E-08	2.96E-08	5.22E-09	1.38E-08	1.37E-07
1713	495661.06	3858901.99	1.97E-04	2.27E-04	1.05E-04	6.82E-08	2.06E-07	1.19E-07	1.38E-07	1.25E-07	5.69E-08	2.62E-08	2.28E-09	5.50E-08	1.21E-08	1.87E-08	2.96E-08	5.22E-09	1.38E-08	1.37E-07
1714	494311.06	3858951.99	2.53E-04	2.92E-04	1.35E-04	8.77E-08	2.65E-07	1.53E-07	1.77E-07	1.60E-07	7.32E-08	3.37E-08	2.93E-09	7.07E-08	1.56E-08	2.40E-08	3.81E-08	6.72E-09	1.77E-08	1.76E-07
1715	494361.06	3858951.99	2.55E-04	2.94E-04	1.36E-04	8.84E-08	2.67E-07	1.55E-07	1.78E-07	1.62E-07	7.38E-08	3.40E-08	2.95E-09	7.13E-08	1.57E-08	2.42E-08	3.84E-08	6.77E-09	1.78E-08	1.77E-07
1716	494411.06	3858951.99	2.53E-04	2.92E-04	1.35E-04	8.78E-08	2.65E-07	1.53E-07	1.77E-07	1.61E-07	7.33E-08	3.38E-08	2.93E-09	7.08E-08	1.56E-08	2.41E-08	3.82E-08	6.73E-09	1.77E-08	1.76E-07
1717	494461.06	3858951.99	2.53E-04	2.93E-04	1.35E-04	8.78E-08	2.65E-07	1.53E-07	1.77E-07	1.61E-07	7.33E-08	3.38E-08	2.93E-09	7.08E-08	1.56E-08	2.41E-08	3.82E-08	6.73E-09	1.77E-08	1.76E-07
1718	494511.06	3858951.99	2.52E-04	2.91E-04	1.34E-04	8.74E-08	2.64E-07	1.53E-07	1.76E-07	1.60E-07	7.29E-08	3.36E-08	2.92E-09	7.05E-08	1.56E-08	2.39E-08	3.80E-08	6.69E-09	1.76E-08	1.75E-07
1719	494561.06	3858951.99	2.50E-04	2.88E-04	1.33E-04	8.65E-08	2.61E-07	1.51E-07	1.75E-07	1.58E-07	7.22E-08	3.33E-08	2.89E-09	6.98E-08	1.54E-08	2.37E-08	3.76E-08	6.63E-09	1.75E-08	1.73E-07
1720	494611.06	3858951.99	2.46E-04	2.84E-04	1.31E-04	8.52E-08	2.57E-07	1.49E-07	1.72E-07	1.56E-07	7.11E-08	3.27E-08	2.84E-09	6.87E-08	1.52E-08	2.33E-08	3.70E-08	6.52E-09	1.72E-08	1.71E-07
1721	494661.06	3858951.99	2.42E-04	2.80E-04	1.29E-04	8.39E-08	2.53E-07	1.47E-07	1.69E-07	1.53E-07	7.00E-08	3.23E-08	2.80E-09	6.77E-08	1.49E-08	2.30E-08	3.65E-08	6.43E-09	1.69E-08	1.68E-07
1722	494711.06	3858951.99	2.37E-04	2.73E-04	1.26E-04	8.20E-08	2.48E-07	1.43E-07	1.66E-07	1.50E-07	6.85E-08	3.15E-08	2.74E-09	6.62E-08	1.46E-08	2.25E-08	3.56E-08	6.28E-09	1.66E-08	1.64E-07
1723	494761.06	3858951.99	2.33E-04	2.69E-04	1.24E-04	8.07E-08	2.44E-07	1.41E-07	1.63E-07	1.48E-07	6.73E-08	3.10E-08	2.69E-09	6.51E-08	1.44E-08	2.21E-08	3.51E-08	6.18E-09	1.63E-08	1.62E-07
1724	494811.06	3858951.99	2.30E-04	2.66E-04	1.22E-04	7.98E-08	2.41E-07	1.39E-07	1.61E-07	1.46E-07	6.66E-08	3.07E-08	2.66E-09	6.43E-08	1.42E-08	2.18E-08	3.47E-08	6.11E-09	1.61E-08	1.60E-07
1725	494861.06	3858951.99	2.28E-04	2.63E-04	1.21E-04	7.88E-08	2.38E-07	1.38E-07	1.59E-07	1.44E-07	6.58E-08	3.03E-08	2.63E-09	6.36E-08	1.40E-08	2.16E-08	3.43E-08	6.04E-09	1.59E-08	1.58E-07
1726	494911.06	3858951.99	2.23E-04	2.58E-04	1.19E-04	7.74E-08	2.34E-07	1.35E-07	1.56E-07	1.42E-07	6.46E-08	2.98E-08	2.58E-09	6.24E-08	1.38E-08	2.12E-08	3.36E-08	5.93E-09	1.56E-08	1.55E-07
1727	494961.06	3858951.99	2.21E-04	2.56E-04	1.18E-04	7.68E-08	2.32E-07	1.34E-07	1.55E-07	1.40E-07	6.41E-08	2.95E-08	2.56E-09	6.19E-08	1.37E-08	2.10E-08	3.34E-08	5.88E-09	1.55E-08	1.54E-07
1728	495011.06	3858951.99	2.15E-04	2.48E-04	1.14E-04	7.44E-08	2.25E-07	1.30E-07	1.50E-07	1.36E-07	6.21E-08	2.86E-08	2.49E-09	6.00E-08	1.32E-08	2.04E-08	3.23E-08	5.70E-09	1.50E-08	1.49E-07
1729	495061.06	3858951.99	2.08E-04	2.41E-04	1.11E-04	7.22E-08	2.18E-07	1.26E-07	1.46E-07	1.32E-07	6.03E-08	2.78E-08	2.41E-09	5.83E-08	1.29E-08	1.98E-08	3.14E-08	5.53E-09	1.46E-08	1.45E-07
1730	495111.06	3858951.99	2.04E-04	2.35E-04	1.08E-04	7.06E-08	2.13E-07	1.23E-07	1.42E-07	1.29E-07	5.89E-08	2.72E-08	2.36E-09	5.69E-08	1.26E-08	1.93E-08	3.07E-08	5.41E-09	1.43E-08	1.42E-07
1731	495161.06	3858951.99	2.06E-04	2.38E-04	1.10E-04	7.15E-08	2.16E-07	1.25E-07	1.44E-07	1.31E-07	5.97E-08	2.75E-08	2.39E-09	5.77E-08	1.27E-08	1.96E-08	3.11E-08	5.47E-09	1.44E-08	1.43E-07
1732	495211.06	3858951.99	2.06E-04	2.38E-04	1.10E-04	7.15E-08	2.16E-07	1.25E-07	1.44E-07	1.31E-07	5.97E-08	2.75E-08	2.39E-09	5.77E-08	1.27E-08	1.96E-08	3.11E-08	5.48E-09	1.44E-08	1.43E-07
1733	495261.06	3858951.99	2.06E-04	2.38E-04	1.10E-04	7.15E-08	2.16E-07	1.25E-07	1.44E-07	1.31E-07	5.97E-08	2.75E-08	2.39E-09	5.77E-08	1.27E-08	1.96E-08	3.11E-08	5.48E-09	1.44E-08	1.43E-07
1734	495311.06	3858951.99	2.04E-04	2.36E-04	1.09E-04	7.08E-08	2.14E-07	1.24E-07	1.43E-07	1.29E-07	5.90E-08	2.72E-08	2.36E-09	5.71E-08	1.26E-08	1.94E-08	3.07E-08	5.42E-09	1.43E-08	1.42E-07
1735	495361.06	3858951.99	2.04E-04	2.36E-04	1.09E-04	7.08E-08	2.14E-07	1.24E-07	1.43E-07	1.30E-07	5.91E-08	2.72E-08	2.37E-09	5.71E-08	1.26E-08	1.94E-08	3.08E-08	5.43E-09	1.43E-08	1.42E-07
1736	495411.06	3858951.99	2.05E-04	2.37E-04	1.09E-04	7.11E-08	2.15E-07	1.24E-07	1.43E-07	1.30E-07	5.93E-08	2.73E-08	2.37E-09	5.73E-08	1.26E-08	1.95E-08	3.09E-08	5.44E-09	1.43E-08	1.42E-07
1737	495461.06	3858951.99	2.04E-04	2.36E-04	1.09E-04	7.08E-08	2.14E-07	1.24E-07	1.43E-07	1.29E-07	5.91E-08	2.72E-08	2.36E-09	5.71E-08	1.26E-08	1.94E-08	3.08E-08	5.42E-09	1.43E-08	1.42E-07
1738	495511.06	3858951.99	2.04E-04	2.36E-04	1.09E-04	7.08E-08	2.14E-07	1.24E-07	1.43E-07	1.30E-07	5.91E-08	2.72E-08	2.36E-09	5.71E-08	1.26E-08	1.94E-08	3.08E-08	5.42E-09	1.43E-08	1.42E-07
1739	495561.06	3858951.99	2.01E-04	2.32E-04	1.07E-04	6.97E-08	2.10E-07	1.22E-07	1.41E-07	1.27E-07	5.81E-08	2.68E-08	2.33E-09	5.62E-08	1.24E-08	1.91E-08	3.03E-08	5.33E-09	1.41E-08	1.40E-07
1740	495611.06	3858951.99	1.99E-04	2.30E-04	1.06E-04	6.90E-08	2.08E-07	1.21E-07	1.39E-07	1.26E-07	5.76E-08	2.65E-08	2.30E-09	5.57E-08	1.23E-08	1.89E-08	3.00E-08	5.29E-09	1.39E-08	1.38E-07
1741	495661.06	3858951.99	1.99E-04	2.30E-04	1.06E-04	6.90E-08	2.08E-07	1.21E-07	1.39E-07	1.26E-07	5.76E-08	2.65E-08	2.31E-09	5.57E-08	1.23E-08	1.89E-08	3.00E-08	5.29E-09	1.39E-08	1.38E-07

1742	494311.06	3859001.99	2.57E-04	2.97E-04	1.37E-04	8.90E-08	2.69E-07	1.56E-07	1.80E-07	1.63E-07	7.43E-08	3.42E-08	2.97E-09	7.18E-08	1.58E-08	2.44E-08	3.87E-08	6.82E-09	1.80E-08	1.79E-07
1743	494361.06	3859001.99	2.57E-04	2.96E-04	1.36E-04	8.89E-08	2.68E-07	1.55E-07	1.79E-07	1.63E-07	7.42E-08	3.42E-08	2.97E-09	7.17E-08	1.58E-08	2.44E-08	3.86E-08	6.81E-09	1.79E-08	1.78E-07
1744	494411.06	3859001.99	2.55E-04	2.95E-04	1.36E-04	8.85E-08	2.67E-07	1.55E-07	1.79E-07	1.62E-07	7.39E-08	3.40E-08	2.96E-09	7.14E-08	1.58E-08	2.42E-08	3.85E-08	6.78E-09	1.78E-08	1.77E-07
1745	494461.06	3859001.99	2.54E-04	2.94E-04	1.35E-04	8.81E-08	2.66E-07	1.54E-07	1.78E-07	1.61E-07	7.36E-08	3.39E-08	2.94E-09	7.11E-08	1.57E-08	2.41E-08	3.83E-08	6.75E-09	1.78E-08	1.77E-07
1746	494511.06	3859001.99	2.53E-04	2.92E-04	1.35E-04	8.77E-08	2.65E-07	1.53E-07	1.77E-07	1.60E-07	7.32E-08	3.37E-08	2.93E-09	7.08E-08	1.56E-08	2.40E-08	3.81E-08	6.72E-09	1.77E-08	1.76E-07
1747	494561.06	3859001.99	2.50E-04	2.88E-04	1.33E-04	8.65E-08	2.61E-07	1.51E-07	1.74E-07	1.58E-07	7.22E-08	3.32E-08	2.89E-09	6.98E-08	1.54E-08	2.37E-08	3.76E-08	6.62E-09	1.74E-08	1.73E-07
1748	494611.06	3859001.99	2.46E-04	2.84E-04	1.31E-04	8.53E-08	2.58E-07	1.49E-07	1.72E-07	1.56E-07	7.12E-08	3.28E-08	2.85E-09	6.88E-08	1.52E-08	2.34E-08	3.71E-08	6.53E-09	1.72E-08	1.71E-07
1749	494661.06	3859001.99	2.42E-04	2.79E-04	1.29E-04	8.38E-08	2.53E-07	1.47E-07	1.69E-07	1.53E-07	7.00E-08	3.22E-08	2.80E-09	6.76E-08	1.49E-08	2.30E-08	3.64E-08	6.42E-09	1.69E-08	1.68E-07
1750	494711.06	3859001.99	2.37E-04	2.73E-04	1.26E-04	8.21E-08	2.48E-07	1.43E-07	1.66E-07	1.50E-07	6.85E-08	3.15E-08	2.74E-09	6.62E-08	1.46E-08	2.25E-08	3.57E-08	6.29E-09	1.66E-08	1.65E-07
1751	494761.06	3859001.99	2.34E-04	2.70E-04	1.24E-04	8.10E-08	2.45E-07	1.42E-07	1.63E-07	1.48E-07	6.76E-08	3.11E-08	2.71E-09	6.54E-08	1.44E-08	2.22E-08	3.52E-08	6.21E-09	1.63E-08	1.62E-07
1752	494811.06	3859001.99	2.32E-04	2.68E-04	1.23E-04	8.04E-08	2.43E-07	1.41E-07	1.62E-07	1.47E-07	6.71E-08	3.09E-08	2.69E-09	6.49E-08	1.43E-08	2.20E-08	3.50E-08	6.16E-09	1.62E-08	1.61E-07
1753	494861.06	3859001.99	2.29E-04	2.64E-04	1.22E-04	7.93E-08	2.39E-07	1.39E-07	1.60E-07	1.45E-07	6.62E-08	3.05E-08	2.65E-09	6.39E-08	1.41E-08	2.17E-08	3.44E-08	6.07E-09	1.60E-08	1.59E-07
1754	494911.06	3859001.99	2.25E-04	2.60E-04	1.20E-04	7.80E-08	2.36E-07	1.36E-07	1.57E-07	1.43E-07	6.51E-08	3.00E-08	2.60E-09	6.29E-08	1.39E-08	2.14E-08	3.39E-08	5.97E-09	1.57E-08	1.56E-07
1755	494961.06	3859001.99	2.21E-04	2.55E-04	1.18E-04	7.67E-08	2.32E-07	1.34E-07	1.55E-07	1.40E-07	6.40E-08	2.95E-08	2.56E-09	6.19E-08	1.37E-08	2.10E-08	3.33E-08	5.87E-09	1.55E-08	1.54E-07
1756	495011.06	3859001.99	2.10E-04	2.43E-04	1.12E-04	7.29E-08	2.20E-07	1.27E-07	1.47E-07	1.33E-07	6.09E-08	2.80E-08	2.44E-09	5.88E-08	1.30E-08	2.00E-08	3.17E-08	5.59E-09	1.47E-08	1.46E-07
1757	495061.06	3859001.99	2.09E-04	2.41E-04	1.11E-04	7.23E-08	2.18E-07	1.26E-07	1.46E-07	1.32E-07	6.03E-08	2.78E-08	2.41E-09	5.83E-08	1.29E-08	1.98E-08	3.14E-08	5.54E-09	1.46E-08	1.45E-07
1758	495111.06	3859001.99	2.04E-04	2.36E-04	1.09E-04	7.08E-08	2.14E-07	1.24E-07	1.43E-07	1.29E-07	5.91E-08	2.72E-08	2.36E-09	5.71E-08	1.26E-08	1.94E-08	3.08E-08	5.42E-09	1.43E-08	1.42E-07
1759	495161.06	3859001.99	2.08E-04	2.40E-04	1.11E-04	7.22E-08	2.18E-07	1.26E-07	1.46E-07	1.32E-07	6.02E-08	2.77E-08	2.41E-09	5.82E-08	1.28E-08	1.98E-08	3.14E-08	5.53E-09	1.46E-08	1.45E-07
1760	495211.06	3859001.99	2.08E-04	2.40E-04	1.10E-04	7.19E-08	2.17E-07	1.26E-07	1.45E-07	1.32E-07	6.00E-08	2.77E-08	2.40E-09	5.80E-08	1.28E-08	1.97E-08	3.13E-08	5.51E-09	1.45E-08	1.44E-07
1761	495261.06	3859001.99	2.08E-04	2.40E-04	1.11E-04	7.20E-08	2.17E-07	1.26E-07	1.45E-07	1.32E-07	6.01E-08	2.77E-08	2.41E-09	5.81E-08	1.28E-08	1.97E-08	3.13E-08	5.52E-09	1.45E-08	1.44E-07
1762	495311.06	3859001.99	2.07E-04	2.39E-04	1.10E-04	7.17E-08	2.17E-07	1.25E-07	1.45E-07	1.31E-07	5.99E-08	2.76E-08	2.39E-09	5.78E-08	1.28E-08	1.96E-08	3.12E-08	5.49E-09	1.45E-08	1.44E-07
1763	495361.06	3859001.99	2.07E-04	2.39E-04	1.10E-04	7.18E-08	2.17E-07	1.25E-07	1.45E-07	1.31E-07	5.99E-08	2.76E-08	2.40E-09	5.79E-08	1.28E-08	1.97E-08	3.12E-08	5.50E-09	1.45E-08	1.44E-07
1764	495411.06	3859001.99	2.07E-04	2.39E-04	1.10E-04	7.16E-08	2.16E-07	1.25E-07	1.44E-07	1.31E-07	5.98E-08	2.75E-08	2.39E-09	5.78E-08	1.27E-08	1.96E-08	3.11E-08	5.49E-09	1.44E-08	1.44E-07
1765	495461.06	3859001.99	2.06E-04	2.38E-04	1.10E-04	7.16E-08	2.16E-07	1.25E-07	1.44E-07	1.31E-07	5.97E-08	2.75E-08	2.39E-09	5.77E-08	1.27E-08	1.96E-08	3.11E-08	5.48E-09	1.44E-08	1.43E-07
1766	495511.06	3859001.99	2.04E-04	2.36E-04	1.08E-04	7.07E-08	2.13E-07	1.24E-07	1.43E-07	1.29E-07	5.90E-08	2.72E-08	2.36E-09	5.70E-08	1.26E-08	1.94E-08	3.07E-08	5.42E-09	1.43E-08	1.42E-07
1767	495561.06	3859001.99	2.03E-04	2.34E-04	1.08E-04	7.03E-08	2.12E-07	1.23E-07	1.42E-07	1.29E-07	5.86E-08	2.70E-08	2.35E-09	5.67E-08	1.25E-08	1.92E-08	3.05E-08	5.38E-09	1.42E-08	1.41E-07
1768	495611.06	3859001.99	2.01E-04	2.32E-04	1.07E-04	6.98E-08	2.11E-07	1.22E-07	1.41E-07	1.28E-07	5.82E-08	2.68E-08	2.33E-09	5.63E-08	1.24E-08	1.91E-08	3.03E-08	5.34E-09	1.41E-08	1.40E-07
1769	495661.06	3859001.99	2.03E-04	2.34E-04	1.08E-04	7.02E-08	2.12E-07	1.23E-07	1.42E-07	1.28E-07	5.86E-08	2.70E-08	2.35E-09	5.66E-08	1.25E-08	1.92E-08	3.05E-08	5.38E-09	1.42E-08	1.41E-07
1770	494311.06	3859051.99	2.59E-04	2.99E-04	1.38E-04	8.97E-08	2.71E-07	1.57E-07	1.81E-07	1.64E-07	7.49E-08	3.45E-08	3.00E-09	7.24E-08	1.60E-08	2.46E-08	3.90E-08	6.87E-09	1.81E-08	1.80E-07
1771	494361.06	3859051.99	2.58E-04	2.98E-04	1.37E-04	8.95E-08	2.70E-07	1.56E-07	1.81E-07	1.64E-07	7.47E-08	3.44E-08	2.99E-09	7.22E-08	1.59E-08	2.45E-08	3.89E-08	6.85E-09	1.80E-08	1.79E-07
1772	494411.06	3859051.99	2.56E-04	2.96E-04	1.36E-04	8.89E-08	2.68E-07	1.55E-07	1.79E-07	1.63E-07	7.42E-08	3.41E-08	2.97E-09	7.17E-08	1.58E-08	2.43E-08	3.86E-08	6.81E-09	1.79E-08	1.78E-07
1773	494461.06	3859051.99	2.54E-04	2.94E-04	1.35E-04	8.81E-08	2.66E-07	1.54E-07	1.78E-07	1.61E-07	7.36E-08	3.39E-08	2.94E-09	7.11E-08	1.57E-08	2.41E-08	3.83E-08	6.75E-09	1.78E-08	1.77E-07
1774	494511.06	3859051.99	2.52E-04	2.90E-04	1.34E-04	8.72E-08	2.63E-07	1.52E-07	1.76E-07	1.59E-07	7.28E-08	3.35E-08	2.91E-09	7.03E-08	1.55E-08	2.39E-08	3.79E-08	6.68E-09	1.76E-08	1.75E-07
1775	494561.06	3859051.99	2.49E-04	2.88E-04	1.32E-04	8.64E-08	2.61E-07	1.51E-07	1.74E-07	1.58E-07	7.21E-08	3.32E-08	2.88E-09	6.97E-08	1.54E-08	2.37E-08	3.75E-08	6.62E-09	1.74E-08	1.73E-07
1776	494611.06	3859051.99	2.46E-04	2.84E-04	1.31E-04	8.52E-08	2.57E-07	1.49E-07	1.72E-07	1.56E-07	7.11E-08	3.27E-08	2.84E-09	6.87E-08	1.52E-08	2.33E-08	3.70E-08	6.53E-09	1.72E-08	1.71E-07
1777	494661.06	3859051.99	2.42E-04	2.80E-04	1.29E-04	8.39E-08	2.53E-07	1.47E-07	1.69E-07	1.54E-07	7.00E-08	3.22E-08	2.80E-09	6.77E-08	1.49E-08	2.30E-08	3.65E-08	6.43E-09	1.69E-08	1.68E-07
1778	494711.06	3859051.99	2.39E-04	2.76E-04	1.27E-04	8.27E-08	2.50E-07	1.45E-07	1.67E-07	1.51E-07	6.90E-08	3.18E-08	2.76E-09	6.67E-08	1.47E-08	2.27E-08	3.59E-08	6.34E-09	1.67E-08	1.66E-07
1779	494761.06	3859051.99	2.35E-04	2.71E-04	1.25E-04	8.14E-08	2.46E-07	1.42E-07	1.64E-07	1.49E-07	6.80E-08	3.13E-08	2.72E-09	6.57E-08	1.45E-08	2.23E-08	3.54E-08	6.24E-09	1.64E-08	1.63E-07
1780	494811.06	3859051.99	2.32E-04	2.68E-04	1.24E-04	8.05E-08	2.43E-07	1.41E-07	1.63E-07	1.47E-07	6.72E-08	3.09E-08	2.69E-09	6.50E-08	1.43E-08	2.21E-08	3.50E-08	6.17E-09	1.62E-08	1.61E-07
1781	494861.06	3859051.99	2.30E-04	2.65E-04	1.22E-04	7.96E-08	2.40E-07	1.39E-07	1.61E-07	1.46E-07	6.65E-08	3.06E-08	2.66E-09	6.42E-08	1.42E-08	2.18E-08	3.46E-08	6.10E-09	1.61E-08	1.60E-07
1782	494911.06	3859051.99	2.25E-04	2.60E-04	1.20E-04	7.81E-08	2.36E-07	1.37E-07	1.58E-07	1.43E-07	6.52E-08	3.00E-08	2.61E-09	6.30E-08	1.39E-08	2.14E-08	3.39E-08	5.98E-09	1.58E-08	1.57E-07
1783	494961.06	3859051.99	2.19E-04	2.52E-04	1.16E-04	7.58E-08	2.29E-07	1.32E-07	1.53E-07	1.39E-07	6.32E-08	2.91E-08	2.53E-09	6.11E-08	1.35E-08	2.08E-08	3.29E-08	5.80E-09	1.53E-08	1.52E-07
1784	495011.06	3859051.99	2.14E-04	2.47E-04	1.14E-04	7.40E-08	2.24E-07	1.29E-07	1.49E-07	1.35E-07	6.18E-08	2.85E-08	2.47E-09	5.97E-08	1.32E-08	2.03E-08	3.22E-08	5.67E-09	1.49E-08	1.48E-07
1785	495061.06	3859051.99	2.10E-04	2.43E-04	1.12E-04	7.29E-08	2.20E-07	1.27E-07	1.47E-07	1.33E-07	6.09E-08	2.80E-08	2.43E-09	5.88E-08	1.30E-08	2.00E-08	3.17E-08	5.58E-09	1.47E-08	1.46E-07
1786	495111.06	3859051.99	2.09E-04	2.41E-04	1.11E-04	7.24E-08	2.18E-07	1.26E-07	1.46E-07	1.32E-07	6.04E-08	2.78E-08	2.42E-09	5.84E-08	1.29E-08	1.98E-08	3.14E-08	5.54E-09	1.46E-08	1.45E-07
1787	495161.06	3859051.99	2.11E-04	2.43E-04	1.12E-04	7.31E-08	2.21E-07	1.28E-07	1.47E-07	1.34E-07	6.10E-08	2.81E-08	2.44E-09	5.89E-08	1.30E-08	2.00E-08	3.18E-08	5.60E-09	1.47E-08	1.46E-07
1788	495211.06	3859051.99	2.09E-04	2.41E-04	1.11E-04	7.24E-08	2.19E-07	1.27E-07	1.46E-07	1.32E-07	6.04E-08	2.78E-08	2.42E-09	5.84E-08	1.29E-08	1.98E-08	3.15E-08	5.54E-09	1.46E-08	1.45E-07
1789	495261.06	3859051.99	2.10E-04	2.42E-04	1.12E-04	7.27E-08	2.20E-07	1.27E-07	1.47E-07	1.33E-07	6.07E-08	2.80E-08	2.43E-09	5.87E-08	1.29E-08	1.99E-08	3.16E-08	5.57E-09	1.47E-08	1.46E-07
1790	495311.06	3859051.99	2.09E-04	2.41E-04	1.11E-04	7.23E-08	2.18E-07	1.26E-07	1.46E-07	1.32E-07	6.04E-08	2.78E-08	2.42E-09	5.83E-08	1.29E-08	1.98E-08	3.14E-08	5.54E-09	1.46E-08	1.45E-07
1791	495361.06	3859051.99	2.08E-04	2.41E-04	1.11E-04	7.22E-08	2.18E-07	1.26E-07	1.46E-07	1.32E-07	6.03E-08	2.78E-08	2.41E-09	5.83E-08	1.29E-08	1.98E-08	3.14E-08	5.53E-09	1.46E-08	1.45E-07
1792	495411.06	3859051.99	2.09E-04	2.41E-04	1.11E-04	7.23E-08	2.18E-07	1.26E-07	1.46E-07	1.32E-07	6.04E-08	2.78E-08	2.42E-09	5.83E-08	1.29E-08	1.98E-08	3.14E-08	5.54E-09	1.46E-08	1.45E-07
1793	495461.06	3859051.99	2.09E-04	2.41E-04	1.11E-04	7.24E-08	2.19E-07	1.27E-07	1.46E-07	1.32E-07	6.04E-08	2.78E-08	2.42E-09	5.84E-08	1.29E-08	1.98E-08	3.15E-08	5.55E-09	1.46E-08	1.45E-07
1794	495511.06	3859051.99	2.06E-04	2.38E-04	1.10E-04	7.15E-08	2.16E-07	1.25E-07	1.44E-07	1.31E-07	5.97E-08	2.75E-08	2.39E-09	5.77E-08	1.27E-08	1.96E-08	3.11E-08	5.48E-09	1.44E-08	1.43E-07

1795	495561.06	3859051.99	2.05E-04	2.36E-04	1.09E-04	7.09E-08	2.14E-07	1.24E-07	1.43E-07	1.30E-07	5.92E-08	2.72E-08	2.37E-09	5.72E-08	1.26E-08	1.94E-08	3.08E-08	5.43E-09	1.43E-08	1.42E-07
1796	495611.06	3859051.99	2.03E-04	2.34E-04	1.08E-04	7.04E-08	2.12E-07	1.23E-07	1.42E-07	1.29E-07	5.87E-08	2.70E-08	2.35E-09	5.68E-08	1.25E-08	1.93E-08	3.06E-08	5.39E-09	1.42E-08	1.41E-07
1797	495661.06	3859051.99	2.04E-04	2.36E-04	1.08E-04	7.08E-08	2.14E-07	1.24E-07	1.43E-07	1.29E-07	5.91E-08	2.72E-08	2.36E-09	5.71E-08	1.26E-08	1.94E-08	3.08E-08	5.42E-09	1.43E-08	1.42E-07
1798	494311.06	3859101.99	2.60E-04	3.00E-04	1.38E-04	9.00E-08	2.72E-07	1.57E-07	1.82E-07	1.65E-07	7.52E-08	3.46E-08	3.01E-09	7.26E-08	1.60E-08	2.47E-08	3.91E-08	6.90E-09	1.81E-08	1.80E-07
1799	494361.06	3859101.99	2.58E-04	2.98E-04	1.37E-04	8.95E-08	2.70E-07	1.56E-07	1.81E-07	1.64E-07	7.47E-08	3.44E-08	2.99E-09	7.22E-08	1.59E-08	2.45E-08	3.89E-08	6.86E-09	1.80E-08	1.79E-07
1800	494411.06	3859101.99	2.57E-04	2.97E-04	1.37E-04	8.91E-08	2.69E-07	1.56E-07	1.80E-07	1.63E-07	7.44E-08	3.42E-08	2.98E-09	7.19E-08	1.59E-08	2.44E-08	3.87E-08	6.83E-09	1.80E-08	1.79E-07
1801	494461.06	3859101.99	2.55E-04	2.94E-04	1.35E-04	8.84E-08	2.67E-07	1.54E-07	1.78E-07	1.62E-07	7.38E-08	3.39E-08	2.95E-09	7.13E-08	1.57E-08	2.42E-08	3.84E-08	6.77E-09	1.78E-08	1.77E-07
1802	494511.06	3859101.99	2.52E-04	2.91E-04	1.34E-04	8.73E-08	2.63E-07	1.53E-07	1.76E-07	1.60E-07	7.28E-08	3.35E-08	2.91E-09	7.04E-08	1.55E-08	2.39E-08	3.79E-08	6.68E-09	1.76E-08	1.75E-07
1803	494561.06	3859101.99	2.49E-04	2.88E-04	1.32E-04	8.64E-08	2.61E-07	1.51E-07	1.74E-07	1.58E-07	7.21E-08	3.32E-08	2.88E-09	6.97E-08	1.54E-08	2.37E-08	3.75E-08	6.62E-09	1.74E-08	1.73E-07
1804	494611.06	3859101.99	2.45E-04	2.83E-04	1.30E-04	8.49E-08	2.56E-07	1.48E-07	1.71E-07	1.55E-07	7.09E-08	3.26E-08	2.84E-09	6.85E-08	1.51E-08	2.33E-08	3.69E-08	6.51E-09	1.71E-08	1.70E-07
1805	494661.06	3859101.99	2.43E-04	2.80E-04	1.29E-04	8.41E-08	2.54E-07	1.47E-07	1.70E-07	1.54E-07	7.02E-08	3.23E-08	2.81E-09	6.78E-08	1.50E-08	2.30E-08	3.65E-08	6.44E-09	1.69E-08	1.69E-07
1806	494711.06	3859101.99	2.38E-04	2.74E-04	1.26E-04	8.24E-08	2.49E-07	1.44E-07	1.66E-07	1.51E-07	6.87E-08	3.16E-08	2.75E-09	6.64E-08	1.47E-08	2.26E-08	3.58E-08	6.31E-09	1.66E-08	1.65E-07
1807	494761.06	3859101.99	2.37E-04	2.73E-04	1.26E-04	8.20E-08	2.48E-07	1.43E-07	1.65E-07	1.50E-07	6.84E-08	3.15E-08	2.74E-09	6.61E-08	1.46E-08	2.25E-08	3.56E-08	6.28E-09	1.65E-08	1.64E-07
1808	494811.06	3859101.99	2.33E-04	2.69E-04	1.24E-04	8.09E-08	2.44E-07	1.41E-07	1.63E-07	1.48E-07	6.75E-08	3.11E-08	2.70E-09	6.52E-08	1.44E-08	2.22E-08	3.52E-08	6.20E-09	1.63E-08	1.62E-07
1809	494861.06	3859101.99	2.31E-04	2.66E-04	1.22E-04	7.99E-08	2.41E-07	1.40E-07	1.61E-07	1.46E-07	6.67E-08	3.07E-08	2.67E-09	6.45E-08	1.42E-08	2.19E-08	3.47E-08	6.12E-09	1.61E-08	1.60E-07
1810	494911.06	3859101.99	2.26E-04	2.61E-04	1.20E-04	7.84E-08	2.37E-07	1.37E-07	1.58E-07	1.43E-07	6.54E-08	3.01E-08	2.62E-09	6.32E-08	1.40E-08	2.15E-08	3.41E-08	6.01E-09	1.58E-08	1.57E-07
1811	494961.06	3859101.99	2.19E-04	2.53E-04	1.17E-04	7.60E-08	2.29E-07	1.33E-07	1.53E-07	1.39E-07	6.34E-08	2.92E-08	2.54E-09	6.13E-08	1.35E-08	2.08E-08	3.30E-08	5.82E-09	1.53E-08	1.52E-07
1812	495011.06	3859101.99	2.12E-04	2.44E-04	1.13E-04	7.34E-08	2.22E-07	1.28E-07	1.48E-07	1.34E-07	6.12E-08	2.82E-08	2.45E-09	5.92E-08	1.31E-08	2.01E-08	3.19E-08	5.62E-09	1.48E-08	1.47E-07
1813	495061.06	3859101.99	2.12E-04	2.45E-04	1.13E-04	7.35E-08	2.22E-07	1.29E-07	1.48E-07	1.34E-07	6.14E-08	2.83E-08	2.46E-09	5.93E-08	1.31E-08	2.01E-08	3.20E-08	5.63E-09	1.48E-08	1.47E-07
1814	495111.06	3859101.99	2.10E-04	2.43E-04	1.12E-04	7.29E-08	2.20E-07	1.27E-07	1.47E-07	1.33E-07	6.08E-08	2.80E-08	2.43E-09	5.88E-08	1.30E-08	2.00E-08	3.17E-08	5.58E-09	1.47E-08	1.46E-07
1815	495161.06	3859101.99	2.12E-04	2.45E-04	1.13E-04	7.35E-08	2.22E-07	1.29E-07	1.48E-07	1.34E-07	6.14E-08	2.82E-08	2.46E-09	5.93E-08	1.31E-08	2.01E-08	3.20E-08	5.63E-09	1.48E-08	1.47E-07
1816	495211.06	3859101.99	2.11E-04	2.43E-04	1.12E-04	7.30E-08	2.20E-07	1.28E-07	1.47E-07	1.33E-07	6.09E-08	2.80E-08	2.44E-09	5.89E-08	1.30E-08	2.00E-08	3.17E-08	5.59E-09	1.47E-08	1.46E-07
1817	495261.06	3859101.99	2.11E-04	2.43E-04	1.12E-04	7.31E-08	2.21E-07	1.28E-07	1.47E-07	1.34E-07	6.10E-08	2.81E-08	2.44E-09	5.90E-08	1.30E-08	2.00E-08	3.18E-08	5.60E-09	1.47E-08	1.47E-07
1818	495311.06	3859101.99	2.11E-04	2.44E-04	1.12E-04	7.31E-08	2.21E-07	1.28E-07	1.48E-07	1.34E-07	6.10E-08	2.81E-08	2.44E-09	5.90E-08	1.30E-08	2.00E-08	3.18E-08	5.60E-09	1.47E-08	1.47E-07
1819	495361.06	3859101.99	2.11E-04	2.44E-04	1.12E-04	7.31E-08	2.21E-07	1.28E-07	1.48E-07	1.34E-07	6.10E-08	2.81E-08	2.44E-09	5.90E-08	1.30E-08	2.00E-08	3.18E-08	5.60E-09	1.47E-08	1.47E-07
1820	495411.06	3859101.99	2.11E-04	2.43E-04	1.12E-04	7.31E-08	2.21E-07	1.28E-07	1.47E-07	1.34E-07	6.10E-08	2.81E-08	2.44E-09	5.89E-08	1.30E-08	2.00E-08	3.18E-08	5.60E-09	1.47E-08	1.47E-07
1821	495461.06	3859101.99	2.10E-04	2.43E-04	1.12E-04	7.29E-08	2.20E-07	1.27E-07	1.47E-07	1.33E-07	6.08E-08	2.80E-08	2.43E-09	5.88E-08	1.30E-08	2.00E-08	3.17E-08	5.58E-09	1.47E-08	1.46E-07
1822	495511.06	3859101.99	2.10E-04	2.42E-04	1.11E-04	7.26E-08	2.19E-07	1.27E-07	1.47E-07	1.33E-07	6.06E-08	2.79E-08	2.43E-09	5.86E-08	1.29E-08	1.99E-08	3.16E-08	5.56E-09	1.46E-08	1.46E-07
1823	495561.06	3859101.99	2.07E-04	2.39E-04	1.10E-04	7.18E-08	2.17E-07	1.25E-07	1.45E-07	1.31E-07	5.99E-08	2.76E-08	2.40E-09	5.79E-08	1.28E-08	1.97E-08	3.12E-08	5.50E-09	1.45E-08	1.44E-07
1824	495611.06	3859101.99	2.05E-04	2.37E-04	1.09E-04	7.11E-08	2.15E-07	1.24E-07	1.44E-07	1.30E-07	5.94E-08	2.73E-08	2.38E-09	5.74E-08	1.27E-08	1.95E-08	3.09E-08	5.45E-09	1.43E-08	1.43E-07
1825	495661.06	3859101.99	2.05E-04	2.37E-04	1.09E-04	7.12E-08	2.15E-07	1.24E-07	1.44E-07	1.30E-07	5.94E-08	2.73E-08	2.38E-09	5.74E-08	1.27E-08	1.95E-08	3.09E-08	5.45E-09	1.44E-08	1.43E-07
1826	494311.06	3859151.99	2.60E-04	3.00E-04	1.38E-04	9.01E-08	2.72E-07	1.57E-07	1.82E-07	1.65E-07	7.52E-08	3.46E-08	3.01E-09	7.26E-08	1.60E-08	2.47E-08	3.91E-08	6.90E-09	1.81E-08	1.81E-07
1827	494361.06	3859151.99	2.59E-04	2.99E-04	1.37E-04	8.97E-08	2.71E-07	1.57E-07	1.81E-07	1.64E-07	7.49E-08	3.44E-08	3.00E-09	7.24E-08	1.60E-08	2.46E-08	3.90E-08	6.87E-09	1.81E-08	1.80E-07
1828	494411.06	3859151.99	2.57E-04	2.96E-04	1.36E-04	8.89E-08	2.68E-07	1.55E-07	1.79E-07	1.63E-07	7.42E-08	3.41E-08	2.97E-09	7.17E-08	1.58E-08	2.44E-08	3.86E-08	6.81E-09	1.79E-08	1.78E-07
1829	494461.06	3859151.99	2.54E-04	2.93E-04	1.35E-04	8.81E-08	2.66E-07	1.54E-07	1.78E-07	1.61E-07	7.35E-08	3.38E-08	2.94E-09	7.10E-08	1.57E-08	2.41E-08	3.83E-08	6.75E-09	1.77E-08	1.77E-07
1830	494511.06	3859151.99	2.51E-04	2.90E-04	1.33E-04	8.69E-08	2.62E-07	1.52E-07	1.75E-07	1.59E-07	7.26E-08	3.34E-08	2.90E-09	7.01E-08	1.55E-08	2.38E-08	3.78E-08	6.66E-09	1.75E-08	1.74E-07
1831	494561.06	3859151.99	2.49E-04	2.87E-04	1.32E-04	8.62E-08	2.60E-07	1.51E-07	1.74E-07	1.58E-07	7.20E-08	3.31E-08	2.88E-09	6.96E-08	1.53E-08	2.36E-08	3.75E-08	6.61E-09	1.74E-08	1.73E-07
1832	494611.06	3859151.99	2.45E-04	2.83E-04	1.30E-04	8.50E-08	2.57E-07	1.49E-07	1.72E-07	1.56E-07	7.10E-08	3.26E-08	2.84E-09	6.86E-08	1.51E-08	2.33E-08	3.70E-08	6.51E-09	1.71E-08	1.70E-07
1833	494661.06	3859151.99	2.43E-04	2.81E-04	1.29E-04	8.43E-08	2.54E-07	1.47E-07	1.70E-07	1.54E-07	7.03E-08	3.23E-08	2.81E-09	6.80E-08	1.50E-08	2.31E-08	3.66E-08	6.45E-09	1.70E-08	1.69E-07
1834	494711.06	3859151.99	2.41E-04	2.79E-04	1.28E-04	8.36E-08	2.52E-07	1.46E-07	1.69E-07	1.53E-07	6.98E-08	3.21E-08	2.79E-09	6.74E-08	1.49E-08	2.29E-08	3.63E-08	6.41E-09	1.68E-08	1.68E-07
1835	494761.06	3859151.99	2.37E-04	2.74E-04	1.26E-04	8.21E-08	2.48E-07	1.44E-07	1.66E-07	1.50E-07	6.86E-08	3.15E-08	2.74E-09	6.63E-08	1.46E-08	2.25E-08	3.57E-08	6.29E-09	1.65E-08	1.65E-07
1836	494811.06	3859151.99	2.33E-04	2.69E-04	1.24E-04	8.09E-08	2.44E-07	1.41E-07	1.63E-07	1.48E-07	6.75E-08	3.11E-08	2.70E-09	6.52E-08	1.44E-08	2.22E-08	3.52E-08	6.20E-09	1.63E-08	1.62E-07
1837	494861.06	3859151.99	2.31E-04	2.67E-04	1.23E-04	8.01E-08	2.42E-07	1.40E-07	1.62E-07	1.47E-07	6.69E-08	3.08E-08	2.67E-09	6.46E-08	1.43E-08	2.19E-08	3.48E-08	6.14E-09	1.61E-08	1.61E-07
1838	494911.06	3859151.99	2.26E-04	2.61E-04	1.20E-04	7.85E-08	2.37E-07	1.37E-07	1.58E-07	1.44E-07	6.55E-08	3.01E-08	2.62E-09	6.33E-08	1.40E-08	2.15E-08	3.41E-08	6.01E-09	1.58E-08	1.57E-07
1839	494961.06	3859151.99	2.20E-04	2.54E-04	1.17E-04	7.64E-08	2.31E-07	1.33E-07	1.54E-07	1.40E-07	6.37E-08	2.93E-08	2.55E-09	6.16E-08	1.36E-08	2.09E-08	3.32E-08	5.85E-09	1.54E-08	1.53E-07
1840	495011.06	3859151.99	2.13E-04	2.46E-04	1.13E-04	7.39E-08	2.23E-07	1.29E-07	1.49E-07	1.35E-07	6.17E-08	2.84E-08	2.47E-09	5.96E-08	1.32E-08	2.03E-08	3.21E-08	5.66E-09	1.49E-08	1.48E-07
1841	495061.06	3859151.99	2.13E-04	2.46E-04	1.13E-04	7.38E-08	2.23E-07	1.29E-07	1.49E-07	1.35E-07	6.16E-08	2.84E-08	2.47E-09	5.95E-08	1.31E-08	2.02E-08	3.21E-08	5.65E-09	1.49E-08	1.48E-07
1842	495111.06	3859151.99	2.12E-04	2.45E-04	1.13E-04	7.35E-08	2.22E-07	1.28E-07	1.48E-07	1.34E-07	6.13E-08	2.82E-08	2.45E-09	5.93E-08	1.31E-08	2.01E-08	3.19E-08	5.63E-09	1.48E-08	1.47E-07
1843	495161.06	3859151.99	2.14E-04	2.47E-04	1.14E-04	7.41E-08	2.24E-07	1.29E-07	1.49E-07	1.36E-07	6.18E-08	2.84E-08	2.47E-09	5.97E-08	1.32E-08	2.03E-08	3.22E-08	5.67E-09	1.49E-08	1.49E-07
1844	495211.06	3859151.99	2.13E-04	2.46E-04	1.13E-04	7.38E-08	2.23E-07	1.29E-07	1.49E-07	1.35E-07	6.16E-08	2.84E-08	2.47E-09	5.96E-08	1.31E-08	2.02E-08	3.21E-08	5.66E-09	1.49E-08	1.48E-07
1845	495261.06	3859151.99	2.12E-04	2.45E-04	1.13E-04	7.36E-08	2.22E-07	1.29E-07	1.49E-07	1.35E-07	6.14E-08	2.83E-08	2.46E-09	5.94E-08	1.31E-08	2.02E-08	3.20E-08	5.64E-09	1.48E-08	1.48E-07
1846	495311.06	3859151.99	2.12E-04	2.45E-04	1.13E-04	7.35E-08	2.22E-07	1.28E-07	1.48E-07	1.34E-07	6.13E-08	2.82E-08	2.45E-09	5.93E-08	1.31E-08	2.01E-08	3.19E-08	5.63E-09	1.48E-08	1.47E-07
1847	495361.06	3859151.99	2.12E-04	2.44E-04	1.12E-04	7.33E-08	2.21E-07	1.28E-07	1.48E-07	1.34E-07	6.12E-08	2.82E-08	2.45E-09	5.91E-08	1.30E-08	2.01E-08	3.19E-08	5.62E-09	1.48E-08	1.47E-07

1848	495411.06	3859151.99	2.13E-04	2.46E-04	1.13E-04	7.38E-08	2.23E-07	1.29E-07	1.49E-07	1.35E-07	6.16E-08	2.83E-08	2.46E-09	5.95E-08	1.31E-08	2.02E-08	3.21E-08	5.65E-09	1.49E-08	1.48E-07
1849	495461.06	3859151.99	2.12E-04	2.45E-04	1.13E-04	7.36E-08	2.22E-07	1.29E-07	1.49E-07	1.35E-07	6.15E-08	2.83E-08	2.46E-09	5.94E-08	1.31E-08	2.02E-08	3.20E-08	5.64E-09	1.48E-08	1.48E-07
1850	495511.06	3859151.99	2.10E-04	2.43E-04	1.12E-04	7.29E-08	2.20E-07	1.27E-07	1.47E-07	1.33E-07	6.09E-08	2.80E-08	2.43E-09	5.88E-08	1.30E-08	2.00E-08	3.17E-08	5.58E-09	1.47E-08	1.46E-07
1851	495561.06	3859151.99	2.09E-04	2.41E-04	1.11E-04	7.24E-08	2.19E-07	1.27E-07	1.46E-07	1.32E-07	6.05E-08	2.78E-08	2.42E-09	5.84E-08	1.29E-08	1.98E-08	3.15E-08	5.55E-09	1.46E-08	1.45E-07
1852	495611.06	3859151.99	2.08E-04	2.40E-04	1.10E-04	7.20E-08	2.17E-07	1.26E-07	1.45E-07	1.32E-07	6.01E-08	2.77E-08	2.40E-09	5.81E-08	1.28E-08	1.97E-08	3.13E-08	5.52E-09	1.45E-08	1.44E-07
1853	495661.06	3859151.99	2.07E-04	2.39E-04	1.10E-04	7.17E-08	2.17E-07	1.25E-07	1.45E-07	1.31E-07	5.99E-08	2.75E-08	2.39E-09	5.78E-08	1.28E-08	1.96E-08	3.12E-08	5.49E-09	1.44E-08	1.44E-07
1854	494311.06	3859201.99	2.59E-04	2.99E-04	1.38E-04	8.99E-08	2.71E-07	1.57E-07	1.81E-07	1.64E-07	7.50E-08	3.45E-08	3.00E-09	7.25E-08	1.60E-08	2.46E-08	3.91E-08	6.88E-09	1.81E-08	1.80E-07
1855	494361.06	3859201.99	2.58E-04	2.98E-04	1.37E-04	8.94E-08	2.70E-07	1.56E-07	1.80E-07	1.64E-07	7.46E-08	3.43E-08	2.98E-09	7.21E-08	1.59E-08	2.45E-08	3.88E-08	6.85E-09	1.80E-08	1.79E-07
1856	494411.06	3859201.99	2.56E-04	2.96E-04	1.36E-04	8.87E-08	2.68E-07	1.55E-07	1.79E-07	1.62E-07	7.41E-08	3.40E-08	2.96E-09	7.15E-08	1.58E-08	2.43E-08	3.86E-08	6.80E-09	1.79E-08	1.78E-07
1857	494461.06	3859201.99	2.53E-04	2.92E-04	1.34E-04	8.77E-08	2.65E-07	1.53E-07	1.77E-07	1.60E-07	7.32E-08	3.37E-08	2.93E-09	7.08E-08	1.56E-08	2.40E-08	3.81E-08	6.72E-09	1.77E-08	1.76E-07
1858	494511.06	3859201.99	2.51E-04	2.90E-04	1.33E-04	8.70E-08	2.63E-07	1.52E-07	1.76E-07	1.59E-07	7.27E-08	3.34E-08	2.91E-09	7.02E-08	1.55E-08	2.39E-08	3.78E-08	6.67E-09	1.75E-08	1.74E-07
1859	494561.06	3859201.99	2.48E-04	2.86E-04	1.32E-04	8.59E-08	2.59E-07	1.50E-07	1.73E-07	1.57E-07	7.17E-08	3.30E-08	2.87E-09	6.93E-08	1.53E-08	2.35E-08	3.73E-08	6.58E-09	1.73E-08	1.72E-07
1860	494611.06	3859201.99	2.45E-04	2.83E-04	1.30E-04	8.50E-08	2.57E-07	1.49E-07	1.72E-07	1.55E-07	7.09E-08	3.26E-08	2.84E-09	6.85E-08	1.51E-08	2.33E-08	3.69E-08	6.51E-09	1.71E-08	1.70E-07
1861	494661.06	3859201.99	2.43E-04	2.81E-04	1.29E-04	8.42E-08	2.54E-07	1.47E-07	1.70E-07	1.54E-07	7.03E-08	3.23E-08	2.81E-09	6.79E-08	1.50E-08	2.31E-08	3.66E-08	6.45E-09	1.70E-08	1.69E-07
1862	494711.06	3859201.99	2.41E-04	2.78E-04	1.28E-04	8.35E-08	2.52E-07	1.46E-07	1.68E-07	1.53E-07	6.97E-08	3.20E-08	2.79E-09	6.73E-08	1.49E-08	2.29E-08	3.63E-08	6.39E-09	1.68E-08	1.67E-07
1863	494761.06	3859201.99	2.37E-04	2.74E-04	1.26E-04	8.22E-08	2.48E-07	1.44E-07	1.66E-07	1.50E-07	6.86E-08	3.15E-08	2.74E-09	6.63E-08	1.46E-08	2.25E-08	3.57E-08	6.30E-09	1.66E-08	1.65E-07
1864	494811.06	3859201.99	2.34E-04	2.70E-04	1.24E-04	8.11E-08	2.45E-07	1.42E-07	1.64E-07	1.48E-07	6.77E-08	3.11E-08	2.71E-09	6.54E-08	1.44E-08	2.22E-08	3.52E-08	6.21E-09	1.63E-08	1.63E-07
1865	494861.06	3859201.99	2.30E-04	2.66E-04	1.22E-04	7.99E-08	2.41E-07	1.40E-07	1.61E-07	1.46E-07	6.67E-08	3.07E-08	2.67E-09	6.44E-08	1.42E-08	2.19E-08	3.47E-08	6.12E-09	1.61E-08	1.60E-07
1866	494911.06	3859201.99	2.25E-04	2.60E-04	1.20E-04	7.80E-08	2.36E-07	1.36E-07	1.57E-07	1.43E-07	6.51E-08	2.99E-08	2.60E-09	6.29E-08	1.39E-08	2.14E-08	3.39E-08	5.98E-09	1.57E-08	1.56E-07
1867	494961.06	3859201.99	2.20E-04	2.54E-04	1.17E-04	7.61E-08	2.30E-07	1.33E-07	1.54E-07	1.39E-07	6.35E-08	2.92E-08	2.54E-09	6.14E-08	1.35E-08	2.09E-08	3.31E-08	5.83E-09	1.53E-08	1.53E-07
1868	495011.06	3859201.99	2.12E-04	2.45E-04	1.13E-04	7.35E-08	2.22E-07	1.28E-07	1.48E-07	1.34E-07	6.13E-08	2.82E-08	2.45E-09	5.93E-08	1.31E-08	2.01E-08	3.19E-08	5.63E-09	1.48E-08	1.47E-07
1869	495061.06	3859201.99	2.15E-04	2.48E-04	1.14E-04	7.45E-08	2.25E-07	1.30E-07	1.50E-07	1.36E-07	6.22E-08	2.86E-08	2.49E-09	6.01E-08	1.33E-08	2.04E-08	3.24E-08	5.71E-09	1.50E-08	1.49E-07
1870	495111.06	3859201.99	2.15E-04	2.48E-04	1.14E-04	7.46E-08	2.25E-07	1.30E-07	1.50E-07	1.36E-07	6.22E-08	2.86E-08	2.49E-09	6.01E-08	1.33E-08	2.04E-08	3.24E-08	5.71E-09	1.50E-08	1.49E-07
1871	495161.06	3859201.99	2.15E-04	2.48E-04	1.14E-04	7.45E-08	2.25E-07	1.30E-07	1.50E-07	1.36E-07	6.21E-08	2.86E-08	2.49E-09	6.01E-08	1.33E-08	2.04E-08	3.24E-08	5.70E-09	1.50E-08	1.49E-07
1872	495211.06	3859201.99	2.13E-04	2.46E-04	1.13E-04	7.40E-08	2.23E-07	1.29E-07	1.49E-07	1.35E-07	6.17E-08	2.84E-08	2.47E-09	5.97E-08	1.32E-08	2.03E-08	3.22E-08	5.67E-09	1.49E-08	1.48E-07
1873	495261.06	3859201.99	2.14E-04	2.47E-04	1.13E-04	7.40E-08	2.24E-07	1.29E-07	1.49E-07	1.35E-07	6.18E-08	2.84E-08	2.47E-09	5.97E-08	1.32E-08	2.03E-08	3.22E-08	5.67E-09	1.49E-08	1.48E-07
1874	495311.06	3859201.99	2.13E-04	2.46E-04	1.13E-04	7.39E-08	2.23E-07	1.29E-07	1.49E-07	1.35E-07	6.17E-08	2.84E-08	2.47E-09	5.96E-08	1.32E-08	2.03E-08	3.21E-08	5.66E-09	1.49E-08	1.48E-07
1875	495361.06	3859201.99	2.13E-04	2.46E-04	1.13E-04	7.39E-08	2.23E-07	1.29E-07	1.49E-07	1.35E-07	6.17E-08	2.84E-08	2.47E-09	5.96E-08	1.31E-08	2.02E-08	3.21E-08	5.66E-09	1.49E-08	1.48E-07
1876	495411.06	3859201.99	2.14E-04	2.47E-04	1.14E-04	7.42E-08	2.24E-07	1.30E-07	1.50E-07	1.36E-07	6.19E-08	2.85E-08	2.48E-09	5.98E-08	1.32E-08	2.03E-08	3.22E-08	5.68E-09	1.49E-08	1.49E-07
1877	495461.06	3859201.99	2.13E-04	2.46E-04	1.13E-04	7.39E-08	2.23E-07	1.29E-07	1.49E-07	1.35E-07	6.17E-08	2.84E-08	2.47E-09	5.96E-08	1.32E-08	2.02E-08	3.21E-08	5.66E-09	1.49E-08	1.48E-07
1878	495511.06	3859201.99	2.12E-04	2.45E-04	1.13E-04	7.36E-08	2.22E-07	1.29E-07	1.49E-07	1.35E-07	6.14E-08	2.83E-08	2.46E-09	5.94E-08	1.31E-08	2.02E-08	3.20E-08	5.64E-09	1.48E-08	1.48E-07
1879	495561.06	3859201.99	2.10E-04	2.43E-04	1.12E-04	7.28E-08	2.20E-07	1.27E-07	1.47E-07	1.33E-07	6.08E-08	2.80E-08	2.43E-09	5.87E-08	1.30E-08	2.00E-08	3.17E-08	5.58E-09	1.47E-08	1.46E-07
1880	495611.06	3859201.99	2.09E-04	2.41E-04	1.11E-04	7.23E-08	2.18E-07	1.26E-07	1.46E-07	1.32E-07	6.04E-08	2.78E-08	2.41E-09	5.83E-08	1.29E-08	1.98E-08	3.14E-08	5.54E-09	1.46E-08	1.45E-07
1881	495661.06	3859201.99	2.08E-04	2.40E-04	1.10E-04	7.20E-08	2.17E-07	1.26E-07	1.45E-07	1.32E-07	6.01E-08	2.76E-08	2.40E-09	5.81E-08	1.28E-08	1.97E-08	3.13E-08	5.52E-09	1.45E-08	1.44E-07
1882	494311.06	3859251.99	2.58E-04	2.98E-04	1.37E-04	8.95E-08	2.70E-07	1.56E-07	1.81E-07	1.64E-07	7.47E-08	3.43E-08	2.99E-09	7.22E-08	1.59E-08	2.45E-08	3.89E-08	6.86E-09	1.80E-08	1.79E-07
1883	494361.06	3859251.99	2.56E-04	2.96E-04	1.36E-04	8.88E-08	2.68E-07	1.55E-07	1.79E-07	1.63E-07	7.42E-08	3.41E-08	2.97E-09	7.17E-08	1.58E-08	2.43E-08	3.86E-08	6.81E-09	1.79E-08	1.78E-07
1884	494411.06	3859251.99	2.54E-04	2.93E-04	1.35E-04	8.79E-08	2.66E-07	1.54E-07	1.77E-07	1.61E-07	7.34E-08	3.37E-08	2.94E-09	7.09E-08	1.57E-08	2.41E-08	3.82E-08	6.74E-09	1.77E-08	1.76E-07
1885	494461.06	3859251.99	2.52E-04	2.91E-04	1.34E-04	8.73E-08	2.64E-07	1.53E-07	1.76E-07	1.60E-07	7.29E-08	3.35E-08	2.92E-09	7.04E-08	1.55E-08	2.39E-08	3.80E-08	6.69E-09	1.76E-08	1.75E-07
1886	494511.06	3859251.99	2.49E-04	2.87E-04	1.32E-04	8.63E-08	2.60E-07	1.51E-07	1.74E-07	1.58E-07	7.20E-08	3.31E-08	2.88E-09	6.96E-08	1.54E-08	2.36E-08	3.75E-08	6.61E-09	1.74E-08	1.73E-07
1887	494561.06	3859251.99	2.47E-04	2.85E-04	1.31E-04	8.56E-08	2.58E-07	1.50E-07	1.73E-07	1.57E-07	7.14E-08	3.28E-08	2.86E-09	6.90E-08	1.52E-08	2.34E-08	3.72E-08	6.55E-09	1.72E-08	1.72E-07
1888	494611.06	3859251.99	2.44E-04	2.82E-04	1.30E-04	8.46E-08	2.55E-07	1.48E-07	1.71E-07	1.55E-07	7.06E-08	3.25E-08	2.83E-09	6.82E-08	1.51E-08	2.32E-08	3.68E-08	6.48E-09	1.70E-08	1.70E-07
1889	494661.06	3859251.99	2.43E-04	2.80E-04	1.29E-04	8.41E-08	2.54E-07	1.47E-07	1.70E-07	1.54E-07	7.02E-08	3.23E-08	2.81E-09	6.78E-08	1.50E-08	2.30E-08	3.65E-08	6.44E-09	1.69E-08	1.69E-07
1890	494711.06	3859251.99	2.40E-04	2.78E-04	1.28E-04	8.33E-08	2.52E-07	1.46E-07	1.68E-07	1.52E-07	6.96E-08	3.20E-08	2.78E-09	6.72E-08	1.48E-08	2.28E-08	3.62E-08	6.38E-09	1.68E-08	1.67E-07
1891	494761.06	3859251.99	2.35E-04	2.72E-04	1.25E-04	8.15E-08	2.46E-07	1.42E-07	1.65E-07	1.49E-07	6.80E-08	3.13E-08	2.72E-09	6.57E-08	1.45E-08	2.23E-08	3.54E-08	6.24E-09	1.64E-08	1.63E-07
1892	494811.06	3859251.99	2.34E-04	2.70E-04	1.24E-04	8.11E-08	2.45E-07	1.42E-07	1.64E-07	1.48E-07	6.77E-08	3.11E-08	2.71E-09	6.54E-08	1.44E-08	2.22E-08	3.53E-08	6.21E-09	1.63E-08	1.63E-07
1893	494861.06	3859251.99	2.29E-04	2.65E-04	1.22E-04	7.94E-08	2.40E-07	1.39E-07	1.60E-07	1.45E-07	6.63E-08	3.05E-08	2.65E-09	6.41E-08	1.41E-08	2.18E-08	3.45E-08	6.09E-09	1.60E-08	1.59E-07
1894	494911.06	3859251.99	2.24E-04	2.58E-04	1.19E-04	7.76E-08	2.34E-07	1.36E-07	1.57E-07	1.42E-07	6.47E-08	2.98E-08	2.59E-09	6.26E-08	1.38E-08	2.13E-08	3.37E-08	5.94E-09	1.56E-08	1.55E-07
1895	494961.06	3859251.99	2.21E-04	2.55E-04	1.17E-04	7.67E-08	2.32E-07	1.34E-07	1.55E-07	1.40E-07	6.40E-08	2.94E-08	2.56E-09	6.19E-08	1.36E-08	2.10E-08	3.33E-08	5.87E-09	1.54E-08	1.54E-07
1896	495011.06	3859251.99	2.18E-04	2.52E-04	1.16E-04	7.56E-08	2.28E-07	1.32E-07	1.53E-07	1.38E-07	6.31E-08	2.90E-08	2.52E-09	6.10E-08	1.35E-08	2.07E-08	3.29E-08	5.79E-09	1.52E-08	1.52E-07
1897	495061.06	3859251.99	2.18E-04	2.52E-04	1.16E-04	7.57E-08	2.28E-07	1.32E-07	1.53E-07	1.38E-07	6.32E-08	2.90E-08	2.53E-09	6.10E-08	1.35E-08	2.07E-08	3.29E-08	5.80E-09	1.52E-08	1.52E-07
1898	495111.06	3859251.99	2.17E-04	2.51E-04	1.15E-04	7.53E-08	2.27E-07	1.32E-07	1.52E-07	1.38E-07	6.28E-08	2.89E-08	2.51E-09	6.07E-08	1.34E-08	2.06E-08	3.27E-08	5.77E-09	1.52E-08	1.51E-07
1899	495161.06	3859251.99	2.17E-04	2.50E-04	1.15E-04	7.51E-08	2.27E-07	1.31E-07	1.52E-07	1.37E-07	6.27E-08	2.88E-08	2.51E-09	6.06E-08	1.34E-08	2.06E-08	3.26E-08	5.75E-09	1.51E-08	1.51E-07
1900	495211.06	3859251.99	2.15E-04	2.49E-04	1.14E-04	7.47E-08	2.25E-07	1.30E-07	1.51E-07	1.37E-07	6.23E-08	2.87E-08	2.49E-09	6.02E-08	1.33E-08	2.05E-08	3.25E-08	5.72E-09	1.50E-08	1.50E-07

1901	495261.06	3859251.99	2.16E-04	2.49E-04	1.14E-04	7.47E-08	2.26E-07	1.31E-07	1.51E-07	1.37E-07	6.24E-08	2.87E-08	2.49E-09	6.02E-08	1.33E-08	2.05E-08	3.25E-08	5.72E-09	1.50E-08	1.50E-07
1902	495311.06	3859251.99	2.15E-04	2.48E-04	1.14E-04	7.46E-08	2.25E-07	1.30E-07	1.51E-07	1.36E-07	6.23E-08	2.86E-08	2.49E-09	6.02E-08	1.33E-08	2.04E-08	3.24E-08	5.71E-09	1.50E-08	1.50E-07
1903	495361.06	3859251.99	2.15E-04	2.48E-04	1.14E-04	7.44E-08	2.25E-07	1.30E-07	1.50E-07	1.36E-07	6.21E-08	2.85E-08	2.48E-09	6.00E-08	1.32E-08	2.04E-08	3.23E-08	5.70E-09	1.50E-08	1.49E-07
1904	495411.06	3859251.99	2.15E-04	2.48E-04	1.14E-04	7.45E-08	2.25E-07	1.30E-07	1.50E-07	1.36E-07	6.22E-08	2.86E-08	2.49E-09	6.01E-08	1.33E-08	2.04E-08	3.24E-08	5.71E-09	1.50E-08	1.49E-07
1905	495461.06	3859251.99	2.14E-04	2.47E-04	1.14E-04	7.43E-08	2.24E-07	1.30E-07	1.50E-07	1.36E-07	6.20E-08	2.85E-08	2.48E-09	5.99E-08	1.32E-08	2.03E-08	3.23E-08	5.69E-09	1.50E-08	1.49E-07
1906	495511.06	3859251.99	2.12E-04	2.45E-04	1.13E-04	7.35E-08	2.22E-07	1.28E-07	1.48E-07	1.34E-07	6.14E-08	2.82E-08	2.45E-09	5.93E-08	1.31E-08	2.01E-08	3.20E-08	5.63E-09	1.48E-08	1.47E-07
1907	495561.06	3859251.99	2.11E-04	2.44E-04	1.12E-04	7.31E-08	2.21E-07	1.28E-07	1.48E-07	1.34E-07	6.10E-08	2.81E-08	2.44E-09	5.90E-08	1.30E-08	2.00E-08	3.18E-08	5.60E-09	1.47E-08	1.47E-07
1908	495611.06	3859251.99	2.09E-04	2.41E-04	1.11E-04	7.25E-08	2.19E-07	1.27E-07	1.46E-07	1.33E-07	6.05E-08	2.78E-08	2.42E-09	5.85E-08	1.29E-08	1.99E-08	3.15E-08	5.55E-09	1.46E-08	1.45E-07
1909	495661.06	3859251.99	2.08E-04	2.40E-04	1.10E-04	7.21E-08	2.18E-07	1.26E-07	1.45E-07	1.32E-07	6.02E-08	2.77E-08	2.41E-09	5.81E-08	1.28E-08	1.97E-08	3.13E-08	5.52E-09	1.45E-08	1.44E-07
1910	494311.06	3859301.99	2.56E-04	2.96E-04	1.36E-04	8.89E-08	2.68E-07	1.55E-07	1.79E-07	1.63E-07	7.42E-08	3.41E-08	2.97E-09	7.17E-08	1.58E-08	2.44E-08	3.86E-08	6.81E-09	1.79E-08	1.78E-07
1911	494361.06	3859301.99	2.55E-04	2.94E-04	1.35E-04	8.82E-08	2.66E-07	1.54E-07	1.78E-07	1.61E-07	7.37E-08	3.38E-08	2.95E-09	7.12E-08	1.57E-08	2.42E-08	3.84E-08	6.76E-09	1.78E-08	1.77E-07
1912	494411.06	3859301.99	2.52E-04	2.91E-04	1.34E-04	8.74E-08	2.64E-07	1.53E-07	1.76E-07	1.60E-07	7.30E-08	3.35E-08	2.92E-09	7.05E-08	1.56E-08	2.40E-08	3.80E-08	6.70E-09	1.76E-08	1.75E-07
1913	494461.06	3859301.99	2.50E-04	2.89E-04	1.32E-04	8.66E-08	2.61E-07	1.51E-07	1.75E-07	1.58E-07	7.23E-08	3.32E-08	2.89E-09	6.98E-08	1.54E-08	2.37E-08	3.76E-08	6.63E-09	1.74E-08	1.74E-07
1914	494511.06	3859301.99	2.48E-04	2.86E-04	1.31E-04	8.58E-08	2.59E-07	1.50E-07	1.73E-07	1.57E-07	7.16E-08	3.29E-08	2.87E-09	6.92E-08	1.53E-08	2.35E-08	3.73E-08	6.57E-09	1.73E-08	1.72E-07
1915	494561.06	3859301.99	2.46E-04	2.84E-04	1.30E-04	8.52E-08	2.57E-07	1.49E-07	1.72E-07	1.56E-07	7.11E-08	3.27E-08	2.84E-09	6.87E-08	1.52E-08	2.33E-08	3.70E-08	6.52E-09	1.71E-08	1.71E-07
1916	494611.06	3859301.99	2.44E-04	2.81E-04	1.29E-04	8.44E-08	2.55E-07	1.48E-07	1.70E-07	1.54E-07	7.05E-08	3.24E-08	2.82E-09	6.81E-08	1.50E-08	2.31E-08	3.67E-08	6.47E-09	1.70E-08	1.69E-07
1917	494661.06	3859301.99	2.41E-04	2.79E-04	1.28E-04	8.37E-08	2.53E-07	1.46E-07	1.69E-07	1.53E-07	6.99E-08	3.21E-08	2.79E-09	6.75E-08	1.49E-08	2.29E-08	3.64E-08	6.41E-09	1.68E-08	1.68E-07
1918	494711.06	3859301.99	2.39E-04	2.76E-04	1.27E-04	8.28E-08	2.50E-07	1.45E-07	1.67E-07	1.51E-07	6.91E-08	3.17E-08	2.76E-09	6.68E-08	1.47E-08	2.27E-08	3.60E-08	6.34E-09	1.67E-08	1.66E-07
1919	494761.06	3859301.99	2.36E-04	2.73E-04	1.25E-04	8.20E-08	2.47E-07	1.43E-07	1.65E-07	1.50E-07	6.84E-08	3.14E-08	2.74E-09	6.61E-08	1.46E-08	2.25E-08	3.56E-08	6.28E-09	1.65E-08	1.64E-07
1920	494811.06	3859301.99	2.33E-04	2.69E-04	1.24E-04	8.07E-08	2.44E-07	1.41E-07	1.63E-07	1.48E-07	6.74E-08	3.10E-08	2.70E-09	6.51E-08	1.44E-08	2.21E-08	3.51E-08	6.18E-09	1.63E-08	1.62E-07
1921	494861.06	3859301.99	2.28E-04	2.63E-04	1.21E-04	7.89E-08	2.38E-07	1.38E-07	1.59E-07	1.44E-07	6.59E-08	3.03E-08	2.64E-09	6.37E-08	1.40E-08	2.16E-08	3.43E-08	6.05E-09	1.59E-08	1.58E-07
1922	494911.06	3859301.99	2.25E-04	2.60E-04	1.19E-04	7.80E-08	2.36E-07	1.36E-07	1.57E-07	1.43E-07	6.51E-08	2.99E-08	2.60E-09	6.29E-08	1.39E-08	2.14E-08	3.39E-08	5.98E-09	1.57E-08	1.56E-07
1923	494961.06	3859301.99	2.20E-04	2.54E-04	1.17E-04	7.61E-08	2.30E-07	1.33E-07	1.54E-07	1.39E-07	6.36E-08	2.92E-08	2.54E-09	6.14E-08	1.35E-08	2.09E-08	3.31E-08	5.83E-09	1.53E-08	1.53E-07
1924	495011.06	3859301.99	2.18E-04	2.51E-04	1.16E-04	7.54E-08	2.28E-07	1.32E-07	1.52E-07	1.38E-07	6.30E-08	2.89E-08	2.52E-09	6.08E-08	1.34E-08	2.07E-08	3.28E-08	5.78E-09	1.52E-08	1.51E-07
1925	495061.06	3859301.99	2.20E-04	2.55E-04	1.17E-04	7.64E-08	2.31E-07	1.34E-07	1.54E-07	1.40E-07	6.38E-08	2.93E-08	2.55E-09	6.16E-08	1.36E-08	2.09E-08	3.32E-08	5.85E-09	1.54E-08	1.53E-07
1926	495111.06	3859301.99	2.17E-04	2.51E-04	1.15E-04	7.53E-08	2.27E-07	1.32E-07	1.52E-07	1.38E-07	6.29E-08	2.89E-08	2.51E-09	6.07E-08	1.34E-08	2.06E-08	3.27E-08	5.77E-09	1.52E-08	1.51E-07
1927	495161.06	3859301.99	2.17E-04	2.50E-04	1.15E-04	7.51E-08	2.27E-07	1.31E-07	1.52E-07	1.37E-07	6.27E-08	2.88E-08	2.51E-09	6.06E-08	1.34E-08	2.06E-08	3.26E-08	5.75E-09	1.51E-08	1.51E-07
1928	495211.06	3859301.99	2.17E-04	2.51E-04	1.15E-04	7.53E-08	2.27E-07	1.32E-07	1.52E-07	1.38E-07	6.29E-08	2.89E-08	2.52E-09	6.08E-08	1.34E-08	2.06E-08	3.27E-08	5.77E-09	1.52E-08	1.51E-07
1929	495261.06	3859301.99	2.17E-04	2.51E-04	1.15E-04	7.53E-08	2.27E-07	1.32E-07	1.52E-07	1.38E-07	6.29E-08	2.89E-08	2.51E-09	6.07E-08	1.34E-08	2.06E-08	3.27E-08	5.77E-09	1.52E-08	1.51E-07
1930	495311.06	3859301.99	2.15E-04	2.49E-04	1.14E-04	7.46E-08	2.25E-07	1.30E-07	1.51E-07	1.37E-07	6.23E-08	2.86E-08	2.49E-09	6.02E-08	1.33E-08	2.05E-08	3.24E-08	5.72E-09	1.50E-08	1.50E-07
1931	495361.06	3859301.99	2.16E-04	2.49E-04	1.14E-04	7.47E-08	2.26E-07	1.31E-07	1.51E-07	1.37E-07	6.24E-08	2.87E-08	2.49E-09	6.03E-08	1.33E-08	2.05E-08	3.25E-08	5.72E-09	1.50E-08	1.50E-07
1932	495411.06	3859301.99	2.15E-04	2.48E-04	1.14E-04	7.45E-08	2.25E-07	1.30E-07	1.50E-07	1.36E-07	6.22E-08	2.86E-08	2.49E-09	6.01E-08	1.33E-08	2.04E-08	3.24E-08	5.71E-09	1.50E-08	1.49E-07
1933	495461.06	3859301.99	2.15E-04	2.48E-04	1.14E-04	7.44E-08	2.25E-07	1.30E-07	1.50E-07	1.36E-07	6.21E-08	2.86E-08	2.49E-09	6.00E-08	1.32E-08	2.04E-08	3.24E-08	5.70E-09	1.50E-08	1.49E-07
1934	495511.06	3859301.99	2.13E-04	2.46E-04	1.13E-04	7.39E-08	2.23E-07	1.29E-07	1.49E-07	1.35E-07	6.17E-08	2.83E-08	2.47E-09	5.96E-08	1.31E-08	2.02E-08	3.21E-08	5.66E-09	1.49E-08	1.48E-07
1935	495561.06	3859301.99	2.10E-04	2.43E-04	1.12E-04	7.29E-08	2.20E-07	1.27E-07	1.47E-07	1.33E-07	6.09E-08	2.80E-08	2.43E-09	5.88E-08	1.30E-08	2.00E-08	3.17E-08	5.59E-09	1.47E-08	1.46E-07
1936	495611.06	3859301.99	2.09E-04	2.42E-04	1.11E-04	7.25E-08	2.19E-07	1.27E-07	1.46E-07	1.33E-07	6.06E-08	2.78E-08	2.42E-09	5.85E-08	1.29E-08	1.99E-08	3.15E-08	5.56E-09	1.46E-08	1.45E-07
1937	495661.06	3859301.99	2.08E-04	2.40E-04	1.10E-04	7.21E-08	2.18E-07	1.26E-07	1.46E-07	1.32E-07	6.02E-08	2.77E-08	2.41E-09	5.82E-08	1.28E-08	1.98E-08	3.14E-08	5.53E-09	1.45E-08	1.45E-07
1938	494311.06	3859351.99	2.54E-04	2.93E-04	1.34E-04	8.79E-08	2.66E-07	1.54E-07	1.78E-07	1.61E-07	7.34E-08	3.37E-08	2.94E-09	7.09E-08	1.57E-08	2.41E-08	3.82E-08	6.74E-09	1.77E-08	1.76E-07
1939	494361.06	3859351.99	2.52E-04	2.91E-04	1.34E-04	8.74E-08	2.64E-07	1.53E-07	1.76E-07	1.60E-07	7.29E-08	3.35E-08	2.92E-09	7.05E-08	1.56E-08	2.39E-08	3.80E-08	6.69E-09	1.76E-08	1.75E-07
1940	494411.06	3859351.99	2.50E-04	2.88E-04	1.32E-04	8.66E-08	2.61E-07	1.51E-07	1.75E-07	1.58E-07	7.23E-08	3.32E-08	2.89E-09	6.98E-08	1.54E-08	2.37E-08	3.76E-08	6.63E-09	1.74E-08	1.74E-07
1941	494461.06	3859351.99	2.48E-04	2.86E-04	1.31E-04	8.58E-08	2.59E-07	1.50E-07	1.73E-07	1.57E-07	7.17E-08	3.29E-08	2.87E-09	6.92E-08	1.53E-08	2.35E-08	3.73E-08	6.58E-09	1.73E-08	1.72E-07
1942	494511.06	3859351.99	2.46E-04	2.84E-04	1.30E-04	8.52E-08	2.57E-07	1.49E-07	1.72E-07	1.56E-07	7.11E-08	3.26E-08	2.84E-09	6.87E-08	1.52E-08	2.33E-08	3.70E-08	6.52E-09	1.71E-08	1.71E-07
1943	494561.06	3859351.99	2.44E-04	2.82E-04	1.29E-04	8.46E-08	2.56E-07	1.48E-07	1.71E-07	1.55E-07	7.07E-08	3.24E-08	2.83E-09	6.83E-08	1.51E-08	2.32E-08	3.68E-08	6.48E-09	1.70E-08	1.70E-07
1944	494611.06	3859351.99	2.42E-04	2.80E-04	1.28E-04	8.40E-08	2.54E-07	1.47E-07	1.70E-07	1.54E-07	7.01E-08	3.22E-08	2.80E-09	6.77E-08	1.49E-08	2.30E-08	3.65E-08	6.43E-09	1.69E-08	1.68E-07
1945	494661.06	3859351.99	2.40E-04	2.78E-04	1.27E-04	8.33E-08	2.51E-07	1.46E-07	1.68E-07	1.52E-07	6.95E-08	3.19E-08	2.78E-09	6.72E-08	1.48E-08	2.28E-08	3.62E-08	6.38E-09	1.68E-08	1.67E-07
1946	494711.06	3859351.99	2.38E-04	2.75E-04	1.26E-04	8.24E-08	2.49E-07	1.44E-07	1.66E-07	1.51E-07	6.88E-08	3.16E-08	2.75E-09	6.65E-08	1.47E-08	2.26E-08	3.58E-08	6.31E-09	1.66E-08	1.65E-07
1947	494761.06	3859351.99	2.35E-04	2.71E-04	1.24E-04	8.13E-08	2.46E-07	1.42E-07	1.64E-07	1.49E-07	6.79E-08	3.12E-08	2.72E-09	6.56E-08	1.45E-08	2.23E-08	3.53E-08	6.23E-09	1.64E-08	1.63E-07
1948	494811.06	3859351.99	2.29E-04	2.65E-04	1.22E-04	7.95E-08	2.40E-07	1.39E-07	1.60E-07	1.45E-07	6.64E-08	3.05E-08	2.65E-09	6.41E-08	1.41E-08	2.18E-08	3.45E-08	6.09E-09	1.60E-08	1.59E-07
1949	494861.06	3859351.99	2.27E-04	2.62E-04	1.21E-04	7.88E-08	2.38E-07	1.38E-07	1.59E-07	1.44E-07	6.58E-08	3.02E-08	2.63E-09	6.35E-08	1.40E-08	2.16E-08	3.42E-08	6.04E-09	1.59E-08	1.58E-07
1950	494911.06	3859351.99	2.26E-04	2.61E-04	1.20E-04	7.83E-08	2.36E-07	1.37E-07	1.58E-07	1.43E-07	6.54E-08	3.00E-08	2.61E-09	6.32E-08	1.39E-08	2.15E-08	3.40E-08	6.00E-09	1.58E-08	1.57E-07
1951	494961.06	3859351.99	2.24E-04	2.58E-04	1.19E-04	7.75E-08	2.34E-07	1.35E-07	1.56E-07	1.42E-07	6.47E-08	2.97E-08	2.59E-09	6.25E-08	1.38E-08	2.12E-08	3.37E-08	5.93E-09	1.56E-08	1.55E-07
1952	495011.06	3859351.99	2.22E-04	2.56E-04	1.18E-04	7.68E-08	2.32E-07	1.34E-07	1.55E-07	1.41E-07	6.42E-08	2.95E-08	2.57E-09	6.20E-08	1.37E-08	2.11E-08	3.34E-08	5.89E-09	1.55E-08	1.54E-07
1953	495061.06	3859351.99	2.23E-04	2.57E-04	1.18E-04	7.72E-08	2.33E-07	1.35E-07	1.56E-07	1.41E-07	6.44E-08	2.96E-08	2.58E-09	6.23E-08	1.37E-08	2.11E-08	3.36E-08	5.91E-09	1.55E-08	1.55E-07

1954	495111.06	3859351.99	2.21E-04	2.55E-04	1.17E-04	7.65E-08	2.31E-07	1.34E-07	1.54E-07	1.40E-07	6.39E-08	2.93E-08	2.56E-09	6.17E-08	1.36E-08	2.10E-08	3.33E-08	5.86E-09	1.54E-08	1.53E-07
1955	495161.06	3859351.99	2.20E-04	2.54E-04	1.17E-04	7.62E-08	2.30E-07	1.33E-07	1.54E-07	1.39E-07	6.36E-08	2.92E-08	2.54E-09	6.15E-08	1.36E-08	2.09E-08	3.31E-08	5.84E-09	1.53E-08	1.53E-07
1956	495211.06	3859351.99	2.19E-04	2.53E-04	1.16E-04	7.58E-08	2.29E-07	1.33E-07	1.53E-07	1.39E-07	6.33E-08	2.91E-08	2.53E-09	6.12E-08	1.35E-08	2.08E-08	3.30E-08	5.81E-09	1.53E-08	1.52E-07
1957	495261.06	3859351.99	2.19E-04	2.52E-04	1.16E-04	7.57E-08	2.29E-07	1.32E-07	1.53E-07	1.39E-07	6.32E-08	2.90E-08	2.53E-09	6.11E-08	1.35E-08	2.08E-08	3.29E-08	5.80E-09	1.52E-08	1.52E-07
1958	495311.06	3859351.99	2.17E-04	2.50E-04	1.15E-04	7.52E-08	2.27E-07	1.31E-07	1.52E-07	1.38E-07	6.28E-08	2.88E-08	2.51E-09	6.06E-08	1.34E-08	2.06E-08	3.27E-08	5.76E-09	1.51E-08	1.51E-07
1959	495361.06	3859351.99	2.16E-04	2.49E-04	1.15E-04	7.49E-08	2.26E-07	1.31E-07	1.51E-07	1.37E-07	6.25E-08	2.87E-08	2.50E-09	6.04E-08	1.33E-08	2.05E-08	3.25E-08	5.74E-09	1.51E-08	1.50E-07
1960	495411.06	3859351.99	2.16E-04	2.49E-04	1.14E-04	7.47E-08	2.26E-07	1.31E-07	1.51E-07	1.37E-07	6.24E-08	2.87E-08	2.50E-09	6.03E-08	1.33E-08	2.05E-08	3.25E-08	5.73E-09	1.50E-08	1.50E-07
1961	495461.06	3859351.99	2.16E-04	2.49E-04	1.14E-04	7.47E-08	2.26E-07	1.31E-07	1.51E-07	1.37E-07	6.24E-08	2.87E-08	2.50E-09	6.03E-08	1.33E-08	2.05E-08	3.25E-08	5.73E-09	1.50E-08	1.50E-07
1962	495511.06	3859351.99	2.13E-04	2.46E-04	1.13E-04	7.40E-08	2.23E-07	1.29E-07	1.49E-07	1.35E-07	6.17E-08	2.84E-08	2.47E-09	5.97E-08	1.32E-08	2.03E-08	3.22E-08	5.67E-09	1.49E-08	1.48E-07
1963	495561.06	3859351.99	2.12E-04	2.45E-04	1.12E-04	7.34E-08	2.22E-07	1.28E-07	1.48E-07	1.34E-07	6.13E-08	2.81E-08	2.45E-09	5.92E-08	1.31E-08	2.01E-08	3.19E-08	5.62E-09	1.48E-08	1.47E-07
1964	495611.06	3859351.99	2.11E-04	2.43E-04	1.12E-04	7.30E-08	2.20E-07	1.28E-07	1.47E-07	1.34E-07	6.10E-08	2.80E-08	2.44E-09	5.89E-08	1.30E-08	2.00E-08	3.17E-08	5.59E-09	1.47E-08	1.46E-07
1965	495661.06	3859351.99	2.08E-04	2.41E-04	1.11E-04	7.22E-08	2.18E-07	1.26E-07	1.46E-07	1.32E-07	6.03E-08	2.77E-08	2.41E-09	5.83E-08	1.29E-08	1.98E-08	3.14E-08	5.53E-09	1.45E-08	1.45E-07
1966	494311.06	3859401.99	2.51E-04	2.90E-04	1.33E-04	8.71E-08	2.63E-07	1.52E-07	1.76E-07	1.59E-07	7.27E-08	3.34E-08	2.91E-09	7.02E-08	1.55E-08	2.39E-08	3.79E-08	6.67E-09	1.75E-08	1.75E-07
1967	494361.06	3859401.99	2.49E-04	2.88E-04	1.32E-04	8.64E-08	2.61E-07	1.51E-07	1.74E-07	1.58E-07	7.21E-08	3.31E-08	2.88E-09	6.97E-08	1.54E-08	2.37E-08	3.76E-08	6.62E-09	1.74E-08	1.73E-07
1968	494411.06	3859401.99	2.47E-04	2.85E-04	1.31E-04	8.56E-08	2.59E-07	1.50E-07	1.73E-07	1.57E-07	7.15E-08	3.28E-08	2.86E-09	6.91E-08	1.52E-08	2.35E-08	3.72E-08	6.56E-09	1.72E-08	1.72E-07
1969	494461.06	3859401.99	2.45E-04	2.83E-04	1.30E-04	8.50E-08	2.57E-07	1.49E-07	1.72E-07	1.56E-07	7.10E-08	3.26E-08	2.84E-09	6.86E-08	1.51E-08	2.33E-08	3.70E-08	6.52E-09	1.71E-08	1.70E-07
1970	494511.06	3859401.99	2.44E-04	2.82E-04	1.29E-04	8.46E-08	2.55E-07	1.48E-07	1.71E-07	1.55E-07	7.06E-08	3.24E-08	2.82E-09	6.82E-08	1.51E-08	2.32E-08	3.68E-08	6.48E-09	1.70E-08	1.70E-07
1971	494561.06	3859401.99	2.43E-04	2.80E-04	1.29E-04	8.41E-08	2.54E-07	1.47E-07	1.70E-07	1.54E-07	7.02E-08	3.22E-08	2.81E-09	6.78E-08	1.50E-08	2.30E-08	3.65E-08	6.44E-09	1.69E-08	1.69E-07
1972	494611.06	3859401.99	2.41E-04	2.78E-04	1.28E-04	8.34E-08	2.52E-07	1.46E-07	1.68E-07	1.53E-07	6.96E-08	3.20E-08	2.79E-09	6.73E-08	1.48E-08	2.29E-08	3.63E-08	6.39E-09	1.68E-08	1.67E-07
1973	494661.06	3859401.99	2.39E-04	2.76E-04	1.27E-04	8.29E-08	2.50E-07	1.45E-07	1.67E-07	1.52E-07	6.92E-08	3.18E-08	2.77E-09	6.69E-08	1.48E-08	2.27E-08	3.60E-08	6.35E-09	1.67E-08	1.66E-07
1974	494711.06	3859401.99	2.37E-04	2.74E-04	1.26E-04	8.23E-08	2.48E-07	1.44E-07	1.66E-07	1.51E-07	6.87E-08	3.15E-08	2.75E-09	6.64E-08	1.46E-08	2.26E-08	3.58E-08	6.31E-09	1.66E-08	1.65E-07
1975	494761.06	3859401.99	2.34E-04	2.71E-04	1.24E-04	8.13E-08	2.45E-07	1.42E-07	1.64E-07	1.49E-07	6.78E-08	3.11E-08	2.71E-09	6.55E-08	1.45E-08	2.23E-08	3.53E-08	6.23E-09	1.63E-08	1.63E-07
1976	494811.06	3859401.99	2.31E-04	2.67E-04	1.23E-04	8.02E-08	2.42E-07	1.40E-07	1.62E-07	1.47E-07	6.70E-08	3.07E-08	2.68E-09	6.47E-08	1.43E-08	2.20E-08	3.49E-08	6.15E-09	1.61E-08	1.61E-07
1977	494861.06	3859401.99	2.28E-04	2.63E-04	1.21E-04	7.90E-08	2.38E-07	1.38E-07	1.59E-07	1.45E-07	6.59E-08	3.03E-08	2.64E-09	6.37E-08	1.41E-08	2.16E-08	3.43E-08	6.05E-09	1.59E-08	1.58E-07
1978	494911.06	3859401.99	2.26E-04	2.61E-04	1.20E-04	7.82E-08	2.36E-07	1.37E-07	1.58E-07	1.43E-07	6.53E-08	3.00E-08	2.61E-09	6.31E-08	1.39E-08	2.14E-08	3.40E-08	5.99E-09	1.57E-08	1.57E-07
1979	494961.06	3859401.99	2.24E-04	2.59E-04	1.19E-04	7.77E-08	2.35E-07	1.36E-07	1.57E-07	1.42E-07	6.49E-08	2.98E-08	2.60E-09	6.27E-08	1.38E-08	2.13E-08	3.38E-08	5.95E-09	1.56E-08	1.56E-07
1980	495011.06	3859401.99	2.23E-04	2.58E-04	1.18E-04	7.74E-08	2.34E-07	1.35E-07	1.56E-07	1.42E-07	6.46E-08	2.97E-08	2.58E-09	6.24E-08	1.38E-08	2.12E-08	3.37E-08	5.93E-09	1.56E-08	1.55E-07
1981	495061.06	3859401.99	2.23E-04	2.58E-04	1.18E-04	7.73E-08	2.33E-07	1.35E-07	1.56E-07	1.41E-07	6.45E-08	2.96E-08	2.58E-09	6.24E-08	1.38E-08	2.12E-08	3.36E-08	5.92E-09	1.56E-08	1.55E-07
1982	495111.06	3859401.99	2.21E-04	2.55E-04	1.17E-04	7.66E-08	2.31E-07	1.34E-07	1.55E-07	1.40E-07	6.40E-08	2.94E-08	2.56E-09	6.18E-08	1.36E-08	2.10E-08	3.33E-08	5.87E-09	1.54E-08	1.54E-07
1983	495161.06	3859401.99	2.20E-04	2.54E-04	1.17E-04	7.63E-08	2.30E-07	1.33E-07	1.54E-07	1.40E-07	6.37E-08	2.93E-08	2.55E-09	6.15E-08	1.36E-08	2.09E-08	3.32E-08	5.85E-09	1.54E-08	1.53E-07
1984	495211.06	3859401.99	2.20E-04	2.54E-04	1.17E-04	7.62E-08	2.30E-07	1.33E-07	1.54E-07	1.39E-07	6.36E-08	2.92E-08	2.54E-09	6.15E-08	1.36E-08	2.09E-08	3.31E-08	5.84E-09	1.53E-08	1.53E-07
1985	495261.06	3859401.99	2.19E-04	2.53E-04	1.16E-04	7.58E-08	2.29E-07	1.33E-07	1.53E-07	1.39E-07	6.33E-08	2.91E-08	2.53E-09	6.12E-08	1.35E-08	2.08E-08	3.30E-08	5.81E-09	1.53E-08	1.52E-07
1986	495311.06	3859401.99	2.18E-04	2.51E-04	1.15E-04	7.55E-08	2.28E-07	1.32E-07	1.52E-07	1.38E-07	6.30E-08	2.89E-08	2.52E-09	6.09E-08	1.34E-08	2.07E-08	3.28E-08	5.78E-09	1.52E-08	1.51E-07
1987	495361.06	3859401.99	2.18E-04	2.51E-04	1.15E-04	7.54E-08	2.28E-07	1.32E-07	1.52E-07	1.38E-07	6.30E-08	2.89E-08	2.52E-09	6.08E-08	1.34E-08	2.07E-08	3.28E-08	5.78E-09	1.52E-08	1.51E-07
1988	495411.06	3859401.99	2.17E-04	2.51E-04	1.15E-04	7.52E-08	2.27E-07	1.31E-07	1.52E-07	1.38E-07	6.28E-08	2.88E-08	2.51E-09	6.06E-08	1.34E-08	2.06E-08	3.27E-08	5.76E-09	1.51E-08	1.51E-07
1989	495461.06	3859401.99	2.16E-04	2.49E-04	1.14E-04	7.47E-08	2.26E-07	1.31E-07	1.51E-07	1.37E-07	6.24E-08	2.86E-08	2.50E-09	6.03E-08	1.33E-08	2.05E-08	3.25E-08	5.72E-09	1.50E-08	1.50E-07
1990	495511.06	3859401.99	2.14E-04	2.47E-04	1.13E-04	7.40E-08	2.23E-07	1.29E-07	1.49E-07	1.35E-07	6.18E-08	2.84E-08	2.47E-09	5.97E-08	1.32E-08	2.03E-08	3.22E-08	5.67E-09	1.49E-08	1.48E-07
1991	495561.06	3859401.99	2.11E-04	2.44E-04	1.12E-04	7.32E-08	2.21E-07	1.28E-07	1.48E-07	1.34E-07	6.11E-08	2.81E-08	2.44E-09	5.90E-08	1.30E-08	2.01E-08	3.18E-08	5.61E-09	1.47E-08	1.47E-07
1992	495611.06	3859401.99	2.10E-04	2.42E-04	1.11E-04	7.27E-08	2.20E-07	1.27E-07	1.47E-07	1.33E-07	6.07E-08	2.79E-08	2.43E-09	5.87E-08	1.29E-08	1.99E-08	3.16E-08	5.57E-09	1.46E-08	1.46E-07
1993	495661.06	3859401.99	2.09E-04	2.41E-04	1.11E-04	7.24E-08	2.18E-07	1.26E-07	1.46E-07	1.32E-07	6.04E-08	2.77E-08	2.42E-09	5.84E-08	1.29E-08	1.98E-08	3.15E-08	5.54E-09	1.46E-08	1.45E-07
1994	494311.06	3859451.99	2.48E-04	2.86E-04	1.31E-04	8.59E-08	2.59E-07	1.50E-07	1.73E-07	1.57E-07	7.17E-08	3.29E-08	2.87E-09	6.93E-08	1.53E-08	2.35E-08	3.74E-08	6.58E-09	1.73E-08	1.72E-07
1995	494361.06	3859451.99	2.46E-04	2.84E-04	1.30E-04	8.53E-08	2.58E-07	1.49E-07	1.72E-07	1.56E-07	7.12E-08	3.27E-08	2.85E-09	6.88E-08	1.52E-08	2.34E-08	3.71E-08	6.54E-09	1.71E-08	1.71E-07
1996	494411.06	3859451.99	2.44E-04	2.82E-04	1.29E-04	8.45E-08	2.55E-07	1.48E-07	1.71E-07	1.55E-07	7.06E-08	3.24E-08	2.82E-09	6.82E-08	1.50E-08	2.32E-08	3.67E-08	6.47E-09	1.70E-08	1.69E-07
1997	494461.06	3859451.99	2.43E-04	2.80E-04	1.29E-04	8.41E-08	2.54E-07	1.47E-07	1.70E-07	1.54E-07	7.03E-08	3.22E-08	2.81E-09	6.79E-08	1.50E-08	2.31E-08	3.66E-08	6.45E-09	1.69E-08	1.69E-07
1998	494511.06	3859451.99	2.41E-04	2.79E-04	1.28E-04	8.36E-08	2.52E-07	1.46E-07	1.69E-07	1.53E-07	6.98E-08	3.20E-08	2.79E-09	6.74E-08	1.49E-08	2.29E-08	3.63E-08	6.41E-09	1.68E-08	1.68E-07
1999	494561.06	3859451.99	2.40E-04	2.77E-04	1.27E-04	8.31E-08	2.51E-07	1.45E-07	1.68E-07	1.52E-07	6.94E-08	3.18E-08	2.78E-09	6.70E-08	1.48E-08	2.28E-08	3.61E-08	6.37E-09	1.67E-08	1.67E-07
2000	494611.06	3859451.99	2.39E-04	2.76E-04	1.27E-04	8.28E-08	2.50E-07	1.45E-07	1.67E-07	1.52E-07	6.91E-08	3.17E-08	2.77E-09	6.68E-08	1.47E-08	2.27E-08	3.60E-08	6.35E-09	1.66E-08	1.66E-07
2001	494661.06	3859451.99	2.37E-04	2.74E-04	1.26E-04	8.22E-08	2.48E-07	1.44E-07	1.66E-07	1.50E-07	6.86E-08	3.15E-08	2.74E-09	6.63E-08	1.46E-08	2.25E-08	3.57E-08	6.30E-09	1.65E-08	1.65E-07
2002	494711.06	3859451.99	2.35E-04	2.72E-04	1.25E-04	8.15E-08	2.46E-07	1.42E-07	1.65E-07	1.49E-07	6.81E-08	3.12E-08	2.72E-09	6.57E-08	1.45E-08	2.23E-08	3.54E-08	6.25E-09	1.64E-08	1.63E-07
2003	494761.06	3859451.99	2.34E-04	2.70E-04	1.24E-04	8.09E-08	2.44E-07	1.41E-07	1.63E-07	1.48E-07	6.76E-08	3.10E-08	2.70E-09	6.53E-08	1.44E-08	2.22E-08	3.52E-08	6.20E-09	1.63E-08	1.62E-07
2004	494811.06	3859451.99	2.31E-04	2.67E-04	1.22E-04	8.00E-08	2.42E-07	1.40E-07	1.62E-07	1.46E-07	6.68E-08	3.07E-08	2.67E-09	6.46E-08	1.42E-08	2.19E-08	3.48E-08	6.13E-09	1.61E-08	1.60E-07
2005	494861.06	3859451.99	2.29E-04	2.64E-04	1.21E-04	7.93E-08	2.39E-07	1.39E-07	1.60E-07	1.45E-07	6.62E-08	3.04E-08	2.65E-09	6.39E-08	1.41E-08	2.17E-08	3.45E-08	6.07E-09	1.59E-08	1.59E-07
2006	494911.06	3859451.99	2.27E-04	2.62E-04	1.20E-04	7.86E-08	2.37E-07	1.37E-07	1.59E-07	1.44E-07	6.57E-08	3.01E-08	2.63E-09	6.34E-08	1.40E-08	2.16E-08	3.42E-08	6.03E-09	1.58E-08	1.58E-07

2007	494961.06	3859451.99	2.26E-04	2.61E-04	1.20E-04	7.83E-08	2.36E-07	1.37E-07	1.58E-07	1.43E-07	6.53E-08	3.00E-08	2.61E-09	6.31E-08	1.39E-08	2.14E-08	3.40E-08	6.00E-09	1.57E-08	1.57E-07
2008	495011.06	3859451.99	2.24E-04	2.59E-04	1.19E-04	7.78E-08	2.35E-07	1.36E-07	1.57E-07	1.42E-07	6.49E-08	2.98E-08	2.60E-09	6.27E-08	1.38E-08	2.13E-08	3.38E-08	5.96E-09	1.56E-08	1.56E-07
2009	495061.06	3859451.99	2.23E-04	2.58E-04	1.18E-04	7.73E-08	2.33E-07	1.35E-07	1.56E-07	1.41E-07	6.45E-08	2.96E-08	2.58E-09	6.23E-08	1.38E-08	2.12E-08	3.36E-08	5.92E-09	1.55E-08	1.55E-07
2010	495111.06	3859451.99	2.22E-04	2.56E-04	1.17E-04	7.68E-08	2.32E-07	1.34E-07	1.55E-07	1.40E-07	6.41E-08	2.94E-08	2.56E-09	6.19E-08	1.37E-08	2.10E-08	3.34E-08	5.88E-09	1.54E-08	1.54E-07
2011	495161.06	3859451.99	2.21E-04	2.55E-04	1.17E-04	7.65E-08	2.31E-07	1.34E-07	1.55E-07	1.40E-07	6.39E-08	2.93E-08	2.56E-09	6.17E-08	1.36E-08	2.10E-08	3.33E-08	5.86E-09	1.54E-08	1.53E-07
2012	495211.06	3859451.99	2.20E-04	2.54E-04	1.17E-04	7.64E-08	2.31E-07	1.33E-07	1.54E-07	1.40E-07	6.38E-08	2.93E-08	2.55E-09	6.16E-08	1.36E-08	2.09E-08	3.32E-08	5.85E-09	1.54E-08	1.53E-07
2013	495261.06	3859451.99	2.20E-04	2.54E-04	1.17E-04	7.62E-08	2.30E-07	1.33E-07	1.54E-07	1.39E-07	6.36E-08	2.92E-08	2.54E-09	6.14E-08	1.36E-08	2.09E-08	3.31E-08	5.84E-09	1.53E-08	1.53E-07
2014	495311.06	3859451.99	2.19E-04	2.52E-04	1.16E-04	7.58E-08	2.29E-07	1.32E-07	1.53E-07	1.39E-07	6.33E-08	2.90E-08	2.53E-09	6.11E-08	1.35E-08	2.08E-08	3.29E-08	5.81E-09	1.52E-08	1.52E-07
2015	495361.06	3859451.99	2.18E-04	2.51E-04	1.15E-04	7.54E-08	2.28E-07	1.32E-07	1.52E-07	1.38E-07	6.30E-08	2.89E-08	2.52E-09	6.09E-08	1.34E-08	2.07E-08	3.28E-08	5.78E-09	1.52E-08	1.51E-07
2016	495411.06	3859451.99	2.17E-04	2.50E-04	1.15E-04	7.50E-08	2.27E-07	1.31E-07	1.51E-07	1.37E-07	6.26E-08	2.88E-08	2.51E-09	6.05E-08	1.34E-08	2.06E-08	3.26E-08	5.75E-09	1.51E-08	1.50E-07
2017	495461.06	3859451.99	2.16E-04	2.49E-04	1.14E-04	7.47E-08	2.26E-07	1.31E-07	1.51E-07	1.37E-07	6.24E-08	2.86E-08	2.49E-09	6.03E-08	1.33E-08	2.05E-08	3.25E-08	5.72E-09	1.50E-08	1.50E-07
2018	495511.06	3859451.99	2.13E-04	2.46E-04	1.13E-04	7.39E-08	2.23E-07	1.29E-07	1.49E-07	1.35E-07	6.17E-08	2.83E-08	2.47E-09	5.96E-08	1.32E-08	2.03E-08	3.21E-08	5.66E-09	1.49E-08	1.48E-07
2019	495561.06	3859451.99	2.12E-04	2.45E-04	1.12E-04	7.34E-08	2.22E-07	1.28E-07	1.48E-07	1.34E-07	6.13E-08	2.81E-08	2.45E-09	5.92E-08	1.31E-08	2.01E-08	3.19E-08	5.63E-09	1.48E-08	1.47E-07
2020	495611.06	3859451.99	2.11E-04	2.43E-04	1.12E-04	7.30E-08	2.20E-07	1.28E-07	1.47E-07	1.34E-07	6.09E-08	2.80E-08	2.44E-09	5.89E-08	1.30E-08	2.00E-08	3.17E-08	5.59E-09	1.47E-08	1.46E-07
2021	495661.06	3859451.99	2.09E-04	2.42E-04	1.11E-04	7.25E-08	2.19E-07	1.27E-07	1.46E-07	1.33E-07	6.06E-08	2.78E-08	2.42E-09	5.85E-08	1.29E-08	1.99E-08	3.15E-08	5.56E-09	1.46E-08	1.45E-07
2022	494311.06	3859501.99	2.45E-04	2.83E-04	1.30E-04	8.48E-08	2.56E-07	1.48E-07	1.71E-07	1.55E-07	7.08E-08	3.25E-08	2.83E-09	6.84E-08	1.51E-08	2.32E-08	3.69E-08	6.50E-09	1.70E-08	1.70E-07
2023	494361.06	3859501.99	2.43E-04	2.81E-04	1.29E-04	8.42E-08	2.54E-07	1.47E-07	1.70E-07	1.54E-07	7.04E-08	3.23E-08	2.81E-09	6.80E-08	1.50E-08	2.31E-08	3.66E-08	6.46E-09	1.69E-08	1.69E-07
2024	494411.06	3859501.99	2.40E-04	2.78E-04	1.27E-04	8.33E-08	2.52E-07	1.46E-07	1.68E-07	1.53E-07	6.96E-08	3.19E-08	2.78E-09	6.72E-08	1.48E-08	2.28E-08	3.62E-08	6.39E-09	1.68E-08	1.67E-07
2025	494461.06	3859501.99	2.40E-04	2.77E-04	1.27E-04	8.32E-08	2.51E-07	1.45E-07	1.68E-07	1.52E-07	6.95E-08	3.19E-08	2.78E-09	6.71E-08	1.48E-08	2.28E-08	3.62E-08	6.38E-09	1.67E-08	1.67E-07
2026	494511.06	3859501.99	2.39E-04	2.76E-04	1.26E-04	8.27E-08	2.50E-07	1.45E-07	1.67E-07	1.51E-07	6.90E-08	3.17E-08	2.76E-09	6.67E-08	1.47E-08	2.27E-08	3.59E-08	6.34E-09	1.66E-08	1.66E-07
2027	494561.06	3859501.99	2.37E-04	2.74E-04	1.26E-04	8.22E-08	2.48E-07	1.44E-07	1.66E-07	1.50E-07	6.86E-08	3.15E-08	2.74E-09	6.63E-08	1.46E-08	2.25E-08	3.57E-08	6.30E-09	1.65E-08	1.65E-07
2028	494611.06	3859501.99	2.37E-04	2.74E-04	1.26E-04	8.21E-08	2.48E-07	1.44E-07	1.66E-07	1.50E-07	6.86E-08	3.14E-08	2.74E-09	6.62E-08	1.46E-08	2.25E-08	3.57E-08	6.29E-09	1.65E-08	1.65E-07
2029	494661.06	3859501.99	2.35E-04	2.71E-04	1.25E-04	8.15E-08	2.46E-07	1.42E-07	1.64E-07	1.49E-07	6.80E-08	3.12E-08	2.72E-09	6.57E-08	1.45E-08	2.23E-08	3.54E-08	6.24E-09	1.64E-08	1.63E-07
2030	494711.06	3859501.99	2.33E-04	2.69E-04	1.23E-04	8.07E-08	2.44E-07	1.41E-07	1.63E-07	1.48E-07	6.74E-08	3.09E-08	2.69E-09	6.51E-08	1.44E-08	2.21E-08	3.51E-08	6.18E-09	1.62E-08	1.62E-07
2031	494761.06	3859501.99	2.32E-04	2.68E-04	1.23E-04	8.05E-08	2.43E-07	1.41E-07	1.62E-07	1.47E-07	6.72E-08	3.08E-08	2.69E-09	6.49E-08	1.43E-08	2.21E-08	3.50E-08	6.17E-09	1.62E-08	1.61E-07
2032	494811.06	3859501.99	2.29E-04	2.65E-04	1.21E-04	7.94E-08	2.40E-07	1.39E-07	1.60E-07	1.45E-07	6.63E-08	3.04E-08	2.65E-09	6.40E-08	1.41E-08	2.18E-08	3.45E-08	6.08E-09	1.60E-08	1.59E-07
2033	494861.06	3859501.99	2.28E-04	2.63E-04	1.21E-04	7.89E-08	2.38E-07	1.38E-07	1.59E-07	1.44E-07	6.59E-08	3.02E-08	2.63E-09	6.36E-08	1.40E-08	2.16E-08	3.43E-08	6.05E-09	1.59E-08	1.58E-07
2034	494911.06	3859501.99	2.27E-04	2.62E-04	1.20E-04	7.86E-08	2.37E-07	1.37E-07	1.59E-07	1.44E-07	6.56E-08	3.01E-08	2.62E-09	6.34E-08	1.40E-08	2.15E-08	3.42E-08	6.02E-09	1.58E-08	1.58E-07
2035	494961.06	3859501.99	2.25E-04	2.60E-04	1.19E-04	7.79E-08	2.35E-07	1.36E-07	1.57E-07	1.43E-07	6.51E-08	2.99E-08	2.60E-09	6.29E-08	1.39E-08	2.14E-08	3.39E-08	5.97E-09	1.57E-08	1.56E-07
2036	495011.06	3859501.99	2.24E-04	2.59E-04	1.19E-04	7.76E-08	2.34E-07	1.36E-07	1.57E-07	1.42E-07	6.48E-08	2.97E-08	2.59E-09	6.26E-08	1.38E-08	2.13E-08	3.38E-08	5.95E-09	1.56E-08	1.56E-07
2037	495061.06	3859501.99	2.23E-04	2.58E-04	1.18E-04	7.73E-08	2.33E-07	1.35E-07	1.56E-07	1.42E-07	6.46E-08	2.96E-08	2.58E-09	6.24E-08	1.38E-08	2.12E-08	3.36E-08	5.93E-09	1.56E-08	1.55E-07
2038	495111.06	3859501.99	2.21E-04	2.56E-04	1.17E-04	7.67E-08	2.32E-07	1.34E-07	1.55E-07	1.40E-07	6.40E-08	2.94E-08	2.56E-09	6.19E-08	1.37E-08	2.10E-08	3.33E-08	5.88E-09	1.54E-08	1.54E-07
2039	495161.06	3859501.99	2.21E-04	2.55E-04	1.17E-04	7.64E-08	2.31E-07	1.34E-07	1.54E-07	1.40E-07	6.38E-08	2.93E-08	2.55E-09	6.16E-08	1.36E-08	2.09E-08	3.32E-08	5.86E-09	1.54E-08	1.53E-07
2040	495211.06	3859501.99	2.20E-04	2.54E-04	1.17E-04	7.63E-08	2.30E-07	1.33E-07	1.54E-07	1.40E-07	6.37E-08	2.92E-08	2.55E-09	6.15E-08	1.36E-08	2.09E-08	3.32E-08	5.84E-09	1.53E-08	1.53E-07
2041	495261.06	3859501.99	2.19E-04	2.53E-04	1.16E-04	7.60E-08	2.29E-07	1.33E-07	1.53E-07	1.39E-07	6.34E-08	2.91E-08	2.54E-09	6.13E-08	1.35E-08	2.08E-08	3.30E-08	5.82E-09	1.53E-08	1.52E-07
2042	495311.06	3859501.99	2.19E-04	2.52E-04	1.16E-04	7.57E-08	2.29E-07	1.32E-07	1.53E-07	1.39E-07	6.32E-08	2.90E-08	2.53E-09	6.11E-08	1.35E-08	2.08E-08	3.29E-08	5.80E-09	1.52E-08	1.52E-07
2043	495361.06	3859501.99	2.18E-04	2.51E-04	1.15E-04	7.54E-08	2.28E-07	1.32E-07	1.52E-07	1.38E-07	6.29E-08	2.89E-08	2.52E-09	6.08E-08	1.34E-08	2.07E-08	3.28E-08	5.78E-09	1.52E-08	1.51E-07
2044	495411.06	3859501.99	2.17E-04	2.50E-04	1.15E-04	7.50E-08	2.27E-07	1.31E-07	1.51E-07	1.37E-07	6.27E-08	2.88E-08	2.51E-09	6.05E-08	1.34E-08	2.06E-08	3.26E-08	5.75E-09	1.51E-08	1.50E-07
2045	495461.06	3859501.99	2.15E-04	2.49E-04	1.14E-04	7.46E-08	2.25E-07	1.30E-07	1.51E-07	1.37E-07	6.23E-08	2.86E-08	2.49E-09	6.02E-08	1.33E-08	2.05E-08	3.25E-08	5.72E-09	1.50E-08	1.50E-07
2046	495511.06	3859501.99	2.13E-04	2.46E-04	1.13E-04	7.38E-08	2.23E-07	1.29E-07	1.49E-07	1.35E-07	6.17E-08	2.83E-08	2.47E-09	5.96E-08	1.31E-08	2.02E-08	3.21E-08	5.66E-09	1.49E-08	1.48E-07
2047	495561.06	3859501.99	2.12E-04	2.45E-04	1.12E-04	7.36E-08	2.22E-07	1.29E-07	1.48E-07	1.35E-07	6.14E-08	2.82E-08	2.46E-09	5.93E-08	1.31E-08	2.02E-08	3.20E-08	5.64E-09	1.48E-08	1.47E-07
2048	495611.06	3859501.99	2.11E-04	2.43E-04	1.12E-04	7.31E-08	2.21E-07	1.28E-07	1.47E-07	1.34E-07	6.10E-08	2.80E-08	2.44E-09	5.89E-08	1.30E-08	2.00E-08	3.18E-08	5.60E-09	1.47E-08	1.46E-07
2049	495661.06	3859501.99	2.09E-04	2.42E-04	1.11E-04	7.25E-08	2.19E-07	1.27E-07	1.46E-07	1.33E-07	6.05E-08	2.78E-08	2.42E-09	5.85E-08	1.29E-08	1.99E-08	3.15E-08	5.56E-09	1.46E-08	1.45E-07
2050	494311.06	3859551.99	2.41E-04	2.79E-04	1.28E-04	8.36E-08	2.52E-07	1.46E-07	1.69E-07	1.53E-07	6.98E-08	3.20E-08	2.79E-09	6.74E-08	1.49E-08	2.29E-08	3.64E-08	6.41E-09	1.68E-08	1.68E-07
2051	494361.06	3859551.99	2.40E-04	2.77E-04	1.27E-04	8.31E-08	2.51E-07	1.45E-07	1.68E-07	1.52E-07	6.94E-08	3.18E-08	2.77E-09	6.70E-08	1.48E-08	2.28E-08	3.61E-08	6.37E-09	1.67E-08	1.67E-07
2052	494411.06	3859551.99	2.37E-04	2.74E-04	1.26E-04	8.22E-08	2.48E-07	1.44E-07	1.66E-07	1.50E-07	6.87E-08	3.15E-08	2.75E-09	6.63E-08	1.46E-08	2.25E-08	3.58E-08	6.30E-09	1.65E-08	1.65E-07
2053	494461.06	3859551.99	2.37E-04	2.74E-04	1.26E-04	8.22E-08	2.48E-07	1.44E-07	1.66E-07	1.50E-07	6.86E-08	3.15E-08	2.74E-09	6.63E-08	1.46E-08	2.25E-08	3.57E-08	6.30E-09	1.65E-08	1.65E-07
2054	494511.06	3859551.99	2.36E-04	2.72E-04	1.25E-04	8.17E-08	2.47E-07	1.43E-07	1.65E-07	1.49E-07	6.82E-08	3.13E-08	2.73E-09	6.59E-08	1.45E-08	2.24E-08	3.55E-08	6.26E-09	1.64E-08	1.64E-07
2055	494561.06	3859551.99	2.35E-04	2.71E-04	1.24E-04	8.13E-08	2.45E-07	1.42E-07	1.64E-07	1.49E-07	6.79E-08	3.11E-08	2.71E-09	6.56E-08	1.45E-08	2.23E-08	3.53E-08	6.23E-09	1.63E-08	1.63E-07
2056	494611.06	3859551.99	2.34E-04	2.70E-04	1.24E-04	8.10E-08	2.45E-07	1.42E-07	1.64E-07	1.48E-07	6.76E-08	3.10E-08	2.71E-09	6.53E-08	1.44E-08	2.22E-08	3.52E-08	6.21E-09	1.63E-08	1.62E-07
2057	494661.06	3859551.99	2.33E-04	2.69E-04	1.23E-04	8.06E-08	2.43E-07	1.41E-07	1.63E-07	1.48E-07	6.73E-08	3.09E-08	2.69E-09	6.50E-08	1.44E-08	2.21E-08	3.51E-08	6.18E-09	1.62E-08	1.62E-07
2058	494711.06	3859551.99	2.30E-04	2.65E-04	1.22E-04	7.96E-08	2.40E-07	1.39E-07	1.61E-07	1.46E-07	6.65E-08	3.05E-08	2.66E-09	6.42E-08	1.42E-08	2.18E-08	3.46E-08	6.10E-09	1.60E-08	1.60E-07
2059	494761.06	3859551.99	2.30E-04	2.66E-04	1.22E-04	7.97E-08	2.41E-07	1.39E-07	1.61E-07	1.46E-07	6.66E-08	3.05E-08	2.66E-09	6.43E-08	1.42E-08	2.18E-08	3.47E-08	6.11E-09	1.60E-08	1.60E-07

2060	494811.06	3859551.99	2.28E-04	2.63E-04	1.21E-04	7.89E-08	2.38E-07	1.38E-07	1.59E-07	1.44E-07	6.59E-08	3.02E-08	2.63E-09	6.36E-08	1.40E-08	2.16E-08	3.43E-08	6.05E-09	1.59E-08	1.58E-07
2061	494861.06	3859551.99	2.26E-04	2.62E-04	1.20E-04	7.85E-08	2.37E-07	1.37E-07	1.58E-07	1.44E-07	6.55E-08	3.01E-08	2.62E-09	6.33E-08	1.40E-08	2.15E-08	3.41E-08	6.01E-09	1.58E-08	1.57E-07
2062	494911.06	3859551.99	2.25E-04	2.60E-04	1.19E-04	7.80E-08	2.35E-07	1.36E-07	1.57E-07	1.43E-07	6.51E-08	2.99E-08	2.60E-09	6.29E-08	1.39E-08	2.14E-08	3.39E-08	5.97E-09	1.57E-08	1.56E-07
2063	494961.06	3859551.99	2.24E-04	2.59E-04	1.19E-04	7.77E-08	2.35E-07	1.36E-07	1.57E-07	1.42E-07	6.49E-08	2.98E-08	2.59E-09	6.27E-08	1.38E-08	2.13E-08	3.38E-08	5.95E-09	1.56E-08	1.56E-07
2064	495011.06	3859551.99	2.24E-04	2.58E-04	1.18E-04	7.75E-08	2.34E-07	1.35E-07	1.56E-07	1.42E-07	6.47E-08	2.97E-08	2.59E-09	6.25E-08	1.38E-08	2.12E-08	3.37E-08	5.94E-09	1.56E-08	1.55E-07
2065	495061.06	3859551.99	2.22E-04	2.57E-04	1.18E-04	7.71E-08	2.33E-07	1.35E-07	1.56E-07	1.41E-07	6.43E-08	2.95E-08	2.57E-09	6.22E-08	1.37E-08	2.11E-08	3.35E-08	5.90E-09	1.55E-08	1.54E-07
2066	495111.06	3859551.99	2.21E-04	2.55E-04	1.17E-04	7.65E-08	2.31E-07	1.34E-07	1.55E-07	1.40E-07	6.39E-08	2.93E-08	2.56E-09	6.17E-08	1.36E-08	2.10E-08	3.33E-08	5.87E-09	1.54E-08	1.53E-07
2067	495161.06	3859551.99	2.20E-04	2.54E-04	1.17E-04	7.63E-08	2.30E-07	1.33E-07	1.54E-07	1.40E-07	6.37E-08	2.92E-08	2.55E-09	6.16E-08	1.36E-08	2.09E-08	3.32E-08	5.85E-09	1.53E-08	1.53E-07
2068	495211.06	3859551.99	2.20E-04	2.54E-04	1.16E-04	7.62E-08	2.30E-07	1.33E-07	1.54E-07	1.39E-07	6.36E-08	2.92E-08	2.54E-09	6.14E-08	1.36E-08	2.09E-08	3.31E-08	5.84E-09	1.53E-08	1.53E-07
2069	495261.06	3859551.99	2.18E-04	2.52E-04	1.16E-04	7.57E-08	2.29E-07	1.32E-07	1.53E-07	1.39E-07	6.32E-08	2.90E-08	2.53E-09	6.11E-08	1.35E-08	2.08E-08	3.29E-08	5.80E-09	1.52E-08	1.52E-07
2070	495311.06	3859551.99	2.17E-04	2.51E-04	1.15E-04	7.54E-08	2.28E-07	1.32E-07	1.52E-07	1.38E-07	6.29E-08	2.89E-08	2.52E-09	6.08E-08	1.34E-08	2.07E-08	3.28E-08	5.78E-09	1.52E-08	1.51E-07
2071	495361.06	3859551.99	2.17E-04	2.50E-04	1.15E-04	7.51E-08	2.27E-07	1.31E-07	1.52E-07	1.37E-07	6.27E-08	2.88E-08	2.51E-09	6.06E-08	1.34E-08	2.06E-08	3.26E-08	5.75E-09	1.51E-08	1.50E-07
2072	495411.06	3859551.99	2.16E-04	2.49E-04	1.14E-04	7.48E-08	2.26E-07	1.31E-07	1.51E-07	1.37E-07	6.25E-08	2.87E-08	2.50E-09	6.04E-08	1.33E-08	2.05E-08	3.25E-08	5.73E-09	1.50E-08	1.50E-07
2073	495461.06	3859551.99	2.14E-04	2.48E-04	1.14E-04	7.43E-08	2.24E-07	1.30E-07	1.50E-07	1.36E-07	6.20E-08	2.84E-08	2.48E-09	5.99E-08	1.32E-08	2.04E-08	3.23E-08	5.69E-09	1.49E-08	1.49E-07
2074	495511.06	3859551.99	2.13E-04	2.45E-04	1.13E-04	7.37E-08	2.22E-07	1.29E-07	1.49E-07	1.35E-07	6.15E-08	2.82E-08	2.46E-09	5.94E-08	1.31E-08	2.02E-08	3.20E-08	5.64E-09	1.48E-08	1.48E-07
2075	495561.06	3859551.99	2.11E-04	2.44E-04	1.12E-04	7.33E-08	2.21E-07	1.28E-07	1.48E-07	1.34E-07	6.12E-08	2.81E-08	2.45E-09	5.91E-08	1.30E-08	2.01E-08	3.19E-08	5.62E-09	1.47E-08	1.47E-07
2076	495611.06	3859551.99	2.10E-04	2.43E-04	1.11E-04	7.29E-08	2.20E-07	1.27E-07	1.47E-07	1.33E-07	6.09E-08	2.79E-08	2.43E-09	5.88E-08	1.30E-08	2.00E-08	3.17E-08	5.59E-09	1.47E-08	1.46E-07
2077	495661.06	3859551.99	2.09E-04	2.41E-04	1.11E-04	7.24E-08	2.19E-07	1.27E-07	1.46E-07	1.32E-07	6.04E-08	2.77E-08	2.42E-09	5.84E-08	1.29E-08	1.98E-08	3.15E-08	5.55E-09	1.46E-08	1.45E-07
2078	494311.06	3859601.99	2.38E-04	2.75E-04	1.26E-04	8.25E-08	2.49E-07	1.44E-07	1.67E-07	1.51E-07	6.89E-08	3.16E-08	2.75E-09	6.65E-08	1.47E-08	2.26E-08	3.59E-08	6.32E-09	1.66E-08	1.65E-07
2079	494361.06	3859601.99	2.36E-04	2.72E-04	1.25E-04	8.17E-08	2.47E-07	1.43E-07	1.65E-07	1.50E-07	6.83E-08	3.13E-08	2.73E-09	6.59E-08	1.45E-08	2.24E-08	3.55E-08	6.26E-09	1.64E-08	1.64E-07
2080	494411.06	3859601.99	2.34E-04	2.71E-04	1.24E-04	8.12E-08	2.45E-07	1.42E-07	1.64E-07	1.49E-07	6.78E-08	3.11E-08	2.71E-09	6.55E-08	1.44E-08	2.23E-08	3.53E-08	6.22E-09	1.63E-08	1.63E-07
2081	494461.06	3859601.99	2.34E-04	2.70E-04	1.24E-04	8.11E-08	2.45E-07	1.42E-07	1.64E-07	1.48E-07	6.77E-08	3.10E-08	2.71E-09	6.54E-08	1.44E-08	2.22E-08	3.53E-08	6.22E-09	1.63E-08	1.63E-07
2082	494511.06	3859601.99	2.32E-04	2.68E-04	1.23E-04	8.05E-08	2.43E-07	1.41E-07	1.63E-07	1.47E-07	6.72E-08	3.08E-08	2.69E-09	6.49E-08	1.43E-08	2.21E-08	3.50E-08	6.17E-09	1.62E-08	1.61E-07
2083	494561.06	3859601.99	2.32E-04	2.68E-04	1.23E-04	8.04E-08	2.43E-07	1.40E-07	1.62E-07	1.47E-07	6.71E-08	3.08E-08	2.68E-09	6.48E-08	1.43E-08	2.20E-08	3.50E-08	6.16E-09	1.61E-08	1.61E-07
2084	494611.06	3859601.99	2.31E-04	2.67E-04	1.22E-04	8.01E-08	2.42E-07	1.40E-07	1.62E-07	1.47E-07	6.69E-08	3.07E-08	2.68E-09	6.46E-08	1.43E-08	2.20E-08	3.48E-08	6.14E-09	1.61E-08	1.61E-07
2085	494661.06	3859601.99	2.29E-04	2.65E-04	1.21E-04	7.95E-08	2.40E-07	1.39E-07	1.61E-07	1.46E-07	6.64E-08	3.04E-08	2.66E-09	6.41E-08	1.42E-08	2.18E-08	3.46E-08	6.09E-09	1.60E-08	1.59E-07
2086	494711.06	3859601.99	2.27E-04	2.63E-04	1.20E-04	7.88E-08	2.38E-07	1.38E-07	1.59E-07	1.44E-07	6.58E-08	3.02E-08	2.63E-09	6.36E-08	1.40E-08	2.16E-08	3.43E-08	6.04E-09	1.58E-08	1.58E-07
2087	494761.06	3859601.99	2.28E-04	2.63E-04	1.21E-04	7.90E-08	2.39E-07	1.38E-07	1.60E-07	1.45E-07	6.60E-08	3.02E-08	2.64E-09	6.37E-08	1.41E-08	2.17E-08	3.44E-08	6.06E-09	1.59E-08	1.58E-07
2088	494811.06	3859601.99	2.26E-04	2.61E-04	1.20E-04	7.83E-08	2.36E-07	1.37E-07	1.58E-07	1.43E-07	6.54E-08	3.00E-08	2.61E-09	6.32E-08	1.39E-08	2.15E-08	3.40E-08	6.00E-09	1.57E-08	1.57E-07
2089	494861.06	3859601.99	2.25E-04	2.60E-04	1.19E-04	7.80E-08	2.35E-07	1.36E-07	1.57E-07	1.43E-07	6.51E-08	2.99E-08	2.60E-09	6.29E-08	1.39E-08	2.14E-08	3.39E-08	5.98E-09	1.57E-08	1.56E-07
2090	494911.06	3859601.99	2.23E-04	2.58E-04	1.18E-04	7.74E-08	2.34E-07	1.35E-07	1.56E-07	1.42E-07	6.46E-08	2.96E-08	2.58E-09	6.24E-08	1.38E-08	2.12E-08	3.36E-08	5.93E-09	1.55E-08	1.55E-07
2091	494961.06	3859601.99	2.23E-04	2.58E-04	1.18E-04	7.74E-08	2.34E-07	1.35E-07	1.56E-07	1.42E-07	6.46E-08	2.96E-08	2.58E-09	6.24E-08	1.38E-08	2.12E-08	3.36E-08	5.93E-09	1.55E-08	1.55E-07
2092	495011.06	3859601.99	2.21E-04	2.56E-04	1.17E-04	7.67E-08	2.32E-07	1.34E-07	1.55E-07	1.40E-07	6.41E-08	2.94E-08	2.56E-09	6.19E-08	1.37E-08	2.10E-08	3.34E-08	5.88E-09	1.54E-08	1.54E-07
2093	495061.06	3859601.99	2.21E-04	2.55E-04	1.17E-04	7.66E-08	2.31E-07	1.34E-07	1.55E-07	1.40E-07	6.40E-08	2.93E-08	2.56E-09	6.18E-08	1.36E-08	2.10E-08	3.33E-08	5.87E-09	1.54E-08	1.54E-07
2094	495111.06	3859601.99	2.20E-04	2.54E-04	1.16E-04	7.61E-08	2.30E-07	1.33E-07	1.54E-07	1.39E-07	6.35E-08	2.91E-08	2.54E-09	6.14E-08	1.35E-08	2.09E-08	3.31E-08	5.83E-09	1.53E-08	1.53E-07
2095	495161.06	3859601.99	2.19E-04	2.53E-04	1.16E-04	7.59E-08	2.29E-07	1.33E-07	1.53E-07	1.39E-07	6.34E-08	2.91E-08	2.53E-09	6.12E-08	1.35E-08	2.08E-08	3.30E-08	5.82E-09	1.53E-08	1.52E-07
2096	495211.06	3859601.99	2.18E-04	2.52E-04	1.16E-04	7.56E-08	2.28E-07	1.32E-07	1.53E-07	1.38E-07	6.31E-08	2.89E-08	2.52E-09	6.10E-08	1.35E-08	2.07E-08	3.29E-08	5.79E-09	1.52E-08	1.52E-07
2097	495261.06	3859601.99	2.17E-04	2.51E-04	1.15E-04	7.53E-08	2.27E-07	1.32E-07	1.52E-07	1.38E-07	6.29E-08	2.88E-08	2.52E-09	6.08E-08	1.34E-08	2.06E-08	3.28E-08	5.77E-09	1.51E-08	1.51E-07
2098	495311.06	3859601.99	2.17E-04	2.50E-04	1.15E-04	7.51E-08	2.27E-07	1.31E-07	1.52E-07	1.37E-07	6.27E-08	2.88E-08	2.51E-09	6.06E-08	1.34E-08	2.06E-08	3.27E-08	5.76E-09	1.51E-08	1.51E-07
2099	495361.06	3859601.99	2.16E-04	2.49E-04	1.14E-04	7.48E-08	2.26E-07	1.31E-07	1.51E-07	1.37E-07	6.24E-08	2.86E-08	2.50E-09	6.03E-08	1.33E-08	2.05E-08	3.25E-08	5.73E-09	1.50E-08	1.50E-07
2100	495411.06	3859601.99	2.15E-04	2.48E-04	1.14E-04	7.45E-08	2.25E-07	1.30E-07	1.50E-07	1.36E-07	6.22E-08	2.85E-08	2.49E-09	6.01E-08	1.33E-08	2.04E-08	3.24E-08	5.71E-09	1.50E-08	1.49E-07
2101	495461.06	3859601.99	2.13E-04	2.46E-04	1.13E-04	7.39E-08	2.23E-07	1.29E-07	1.49E-07	1.35E-07	6.17E-08	2.83E-08	2.47E-09	5.96E-08	1.32E-08	2.03E-08	3.21E-08	5.66E-09	1.48E-08	1.48E-07
2102	495511.06	3859601.99	2.12E-04	2.44E-04	1.12E-04	7.33E-08	2.21E-07	1.28E-07	1.48E-07	1.34E-07	6.12E-08	2.81E-08	2.45E-09	5.91E-08	1.30E-08	2.01E-08	3.19E-08	5.62E-09	1.47E-08	1.47E-07
2103	495561.06	3859601.99	2.11E-04	2.44E-04	1.12E-04	7.31E-08	2.21E-07	1.28E-07	1.48E-07	1.34E-07	6.11E-08	2.80E-08	2.44E-09	5.90E-08	1.30E-08	2.00E-08	3.18E-08	5.61E-09	1.47E-08	1.47E-07
2104	495611.06	3859601.99	2.09E-04	2.41E-04	1.11E-04	7.25E-08	2.19E-07	1.27E-07	1.46E-07	1.33E-07	6.05E-08	2.78E-08	2.42E-09	5.84E-08	1.29E-08	1.99E-08	3.15E-08	5.55E-09	1.46E-08	1.45E-07
2105	495661.06	3859601.99	2.08E-04	2.41E-04	1.10E-04	7.22E-08	2.18E-07	1.26E-07	1.46E-07	1.32E-07	6.03E-08	2.76E-08	2.41E-09	5.82E-08	1.28E-08	1.98E-08	3.14E-08	5.53E-09	1.45E-08	1.45E-07
2106	494311.06	3859651.99	2.34E-04	2.71E-04	1.24E-04	8.12E-08	2.45E-07	1.42E-07	1.64E-07	1.49E-07	6.79E-08	3.11E-08	2.71E-09	6.55E-08	1.45E-08	2.23E-08	3.53E-08	6.23E-09	1.63E-08	1.63E-07
2107	494361.06	3859651.99	2.32E-04	2.68E-04	1.23E-04	8.05E-08	2.43E-07	1.41E-07	1.63E-07	1.47E-07	6.73E-08	3.08E-08	2.69E-09	6.50E-08	1.43E-08	2.21E-08	3.50E-08	6.17E-09	1.62E-08	1.61E-07
2108	494411.06	3859651.99	2.31E-04	2.67E-04	1.22E-04	8.02E-08	2.42E-07	1.40E-07	1.62E-07	1.47E-07	6.70E-08	3.07E-08	2.68E-09	6.47E-08	1.43E-08	2.20E-08	3.49E-08	6.15E-09	1.61E-08	1.61E-07
2109	494461.06	3859651.99	2.31E-04	2.67E-04	1.22E-04	8.01E-08	2.42E-07	1.40E-07	1.62E-07	1.47E-07	6.69E-08	3.06E-08	2.67E-09	6.46E-08	1.43E-08	2.20E-08	3.48E-08	6.14E-09	1.61E-08	1.60E-07
2110	494511.06	3859651.99	2.30E-04	2.66E-04	1.22E-04	7.97E-08	2.41E-07	1.39E-07	1.61E-07	1.46E-07	6.66E-08	3.05E-08	2.66E-09	6.43E-08	1.42E-08	2.18E-08	3.47E-08	6.11E-09	1.60E-08	1.60E-07
2111	494561.06	3859651.99	2.29E-04	2.65E-04	1.21E-04	7.94E-08	2.40E-07	1.39E-07	1.60E-07	1.45E-07	6.63E-08	3.04E-08	2.65E-09	6.41E-08	1.41E-08	2.18E-08	3.45E-08	6.09E-09	1.59E-08	1.59E-07
2112	494611.06	3859651.99	2.28E-04	2.64E-04	1.21E-04	7.91E-08	2.39E-07	1.38E-07	1.60E-07	1.45E-07	6.61E-08	3.03E-08	2.64E-09	6.38E-08	1.41E-08	2.17E-08	3.44E-08	6.06E-09	1.59E-08	1.59E-07

2113	494661.06	3859651.99	2.26E-04	2.62E-04	1.20E-04	7.85E-08	2.37E-07	1.37E-07	1.58E-07	1.44E-07	6.56E-08	3.00E-08	2.62E-09	6.33E-08	1.40E-08	2.15E-08	3.41E-08	6.02E-09	1.58E-08	1.57E-07
2114	494711.06	3859651.99	2.26E-04	2.61E-04	1.19E-04	7.82E-08	2.36E-07	1.37E-07	1.58E-07	1.43E-07	6.53E-08	2.99E-08	2.61E-09	6.31E-08	1.39E-08	2.14E-08	3.40E-08	5.99E-09	1.57E-08	1.57E-07
2115	494761.06	3859651.99	2.25E-04	2.60E-04	1.19E-04	7.80E-08	2.35E-07	1.36E-07	1.57E-07	1.43E-07	6.51E-08	2.98E-08	2.60E-09	6.29E-08	1.39E-08	2.14E-08	3.39E-08	5.98E-09	1.57E-08	1.56E-07
2116	494811.06	3859651.99	2.24E-04	2.58E-04	1.18E-04	7.75E-08	2.34E-07	1.35E-07	1.57E-07	1.42E-07	6.47E-08	2.97E-08	2.59E-09	6.25E-08	1.38E-08	2.12E-08	3.37E-08	5.94E-09	1.56E-08	1.55E-07
2117	494861.06	3859651.99	2.23E-04	2.57E-04	1.18E-04	7.73E-08	2.33E-07	1.35E-07	1.56E-07	1.41E-07	6.45E-08	2.96E-08	2.58E-09	6.23E-08	1.38E-08	2.12E-08	3.36E-08	5.92E-09	1.55E-08	1.55E-07
2118	494911.06	3859651.99	2.22E-04	2.56E-04	1.17E-04	7.69E-08	2.32E-07	1.34E-07	1.55E-07	1.41E-07	6.42E-08	2.94E-08	2.57E-09	6.20E-08	1.37E-08	2.11E-08	3.34E-08	5.89E-09	1.54E-08	1.54E-07
2119	494961.06	3859651.99	2.21E-04	2.55E-04	1.17E-04	7.66E-08	2.31E-07	1.34E-07	1.55E-07	1.40E-07	6.40E-08	2.93E-08	2.56E-09	6.18E-08	1.36E-08	2.10E-08	3.33E-08	5.87E-09	1.54E-08	1.54E-07
2120	495011.06	3859651.99	2.20E-04	2.54E-04	1.17E-04	7.63E-08	2.30E-07	1.33E-07	1.54E-07	1.40E-07	6.37E-08	2.92E-08	2.55E-09	6.15E-08	1.36E-08	2.09E-08	3.32E-08	5.84E-09	1.53E-08	1.53E-07
2121	495061.06	3859651.99	2.19E-04	2.53E-04	1.16E-04	7.60E-08	2.30E-07	1.33E-07	1.53E-07	1.39E-07	6.35E-08	2.91E-08	2.54E-09	6.13E-08	1.35E-08	2.08E-08	3.31E-08	5.83E-09	1.53E-08	1.52E-07
2122	495111.06	3859651.99	2.18E-04	2.52E-04	1.16E-04	7.57E-08	2.28E-07	1.32E-07	1.53E-07	1.38E-07	6.32E-08	2.90E-08	2.53E-09	6.10E-08	1.35E-08	2.07E-08	3.29E-08	5.80E-09	1.52E-08	1.52E-07
2123	495161.06	3859651.99	2.17E-04	2.51E-04	1.15E-04	7.54E-08	2.28E-07	1.32E-07	1.52E-07	1.38E-07	6.29E-08	2.88E-08	2.52E-09	6.08E-08	1.34E-08	2.07E-08	3.28E-08	5.78E-09	1.51E-08	1.51E-07
2124	495211.06	3859651.99	2.17E-04	2.50E-04	1.15E-04	7.51E-08	2.27E-07	1.31E-07	1.52E-07	1.37E-07	6.27E-08	2.88E-08	2.51E-09	6.06E-08	1.34E-08	2.06E-08	3.27E-08	5.76E-09	1.51E-08	1.51E-07
2125	495261.06	3859651.99	2.16E-04	2.49E-04	1.14E-04	7.48E-08	2.26E-07	1.31E-07	1.51E-07	1.37E-07	6.25E-08	2.86E-08	2.50E-09	6.03E-08	1.33E-08	2.05E-08	3.25E-08	5.73E-09	1.50E-08	1.50E-07
2126	495311.06	3859651.99	2.15E-04	2.48E-04	1.14E-04	7.45E-08	2.25E-07	1.30E-07	1.50E-07	1.36E-07	6.22E-08	2.85E-08	2.49E-09	6.01E-08	1.33E-08	2.04E-08	3.24E-08	5.71E-09	1.50E-08	1.49E-07
2127	495361.06	3859651.99	2.14E-04	2.48E-04	1.13E-04	7.43E-08	2.24E-07	1.30E-07	1.50E-07	1.36E-07	6.20E-08	2.84E-08	2.48E-09	5.99E-08	1.32E-08	2.04E-08	3.23E-08	5.69E-09	1.49E-08	1.49E-07
2128	495411.06	3859651.99	2.13E-04	2.46E-04	1.13E-04	7.40E-08	2.23E-07	1.29E-07	1.49E-07	1.35E-07	6.18E-08	2.83E-08	2.47E-09	5.97E-08	1.32E-08	2.03E-08	3.22E-08	5.67E-09	1.49E-08	1.48E-07
2129	495461.06	3859651.99	2.12E-04	2.45E-04	1.12E-04	7.34E-08	2.22E-07	1.28E-07	1.48E-07	1.34E-07	6.13E-08	2.81E-08	2.45E-09	5.92E-08	1.31E-08	2.01E-08	3.19E-08	5.63E-09	1.48E-08	1.47E-07
2130	495511.06	3859651.99	2.10E-04	2.43E-04	1.11E-04	7.29E-08	2.20E-07	1.27E-07	1.47E-07	1.33E-07	6.09E-08	2.79E-08	2.44E-09	5.88E-08	1.30E-08	2.00E-08	3.17E-08	5.59E-09	1.47E-08	1.46E-07
2131	495561.06	3859651.99	2.10E-04	2.42E-04	1.11E-04	7.27E-08	2.19E-07	1.27E-07	1.47E-07	1.33E-07	6.07E-08	2.78E-08	2.43E-09	5.86E-08	1.29E-08	1.99E-08	3.16E-08	5.57E-09	1.46E-08	1.46E-07
2132	495611.06	3859651.99	2.09E-04	2.41E-04	1.10E-04	7.23E-08	2.18E-07	1.26E-07	1.46E-07	1.32E-07	6.03E-08	2.77E-08	2.41E-09	5.83E-08	1.29E-08	1.98E-08	3.14E-08	5.54E-09	1.45E-08	1.45E-07
2133	495661.06	3859651.99	2.07E-04	2.39E-04	1.10E-04	7.18E-08	2.17E-07	1.26E-07	1.45E-07	1.31E-07	6.00E-08	2.75E-08	2.40E-09	5.79E-08	1.28E-08	1.97E-08	3.12E-08	5.51E-09	1.44E-08	1.44E-07
2134	494311.06	3859701.99	2.30E-04	2.66E-04	1.22E-04	7.97E-08	2.41E-07	1.39E-07	1.61E-07	1.46E-07	6.66E-08	3.05E-08	2.66E-09	6.43E-08	1.42E-08	2.19E-08	3.47E-08	6.11E-09	1.60E-08	1.60E-07
2135	494361.06	3859701.99	2.29E-04	2.64E-04	1.21E-04	7.93E-08	2.39E-07	1.39E-07	1.60E-07	1.45E-07	6.62E-08	3.03E-08	2.65E-09	6.40E-08	1.41E-08	2.17E-08	3.45E-08	6.08E-09	1.59E-08	1.59E-07
2136	494411.06	3859701.99	2.28E-04	2.64E-04	1.21E-04	7.91E-08	2.39E-07	1.38E-07	1.60E-07	1.45E-07	6.60E-08	3.02E-08	2.64E-09	6.38E-08	1.41E-08	2.17E-08	3.44E-08	6.06E-09	1.59E-08	1.58E-07
2137	494461.06	3859701.99	2.28E-04	2.63E-04	1.21E-04	7.90E-08	2.39E-07	1.38E-07	1.60E-07	1.45E-07	6.60E-08	3.02E-08	2.64E-09	6.37E-08	1.41E-08	2.17E-08	3.44E-08	6.06E-09	1.59E-08	1.58E-07
2138	494511.06	3859701.99	2.27E-04	2.62E-04	1.20E-04	7.87E-08	2.38E-07	1.38E-07	1.59E-07	1.44E-07	6.57E-08	3.01E-08	2.63E-09	6.35E-08	1.40E-08	2.16E-08	3.42E-08	6.03E-09	1.58E-08	1.58E-07
2139	494561.06	3859701.99	2.26E-04	2.61E-04	1.20E-04	7.84E-08	2.37E-07	1.37E-07	1.58E-07	1.44E-07	6.55E-08	3.00E-08	2.62E-09	6.33E-08	1.40E-08	2.15E-08	3.41E-08	6.01E-09	1.57E-08	1.57E-07
2140	494611.06	3859701.99	2.25E-04	2.60E-04	1.19E-04	7.81E-08	2.36E-07	1.37E-07	1.58E-07	1.43E-07	6.53E-08	2.99E-08	2.61E-09	6.30E-08	1.39E-08	2.14E-08	3.40E-08	5.99E-09	1.57E-08	1.57E-07
2141	494661.06	3859701.99	2.24E-04	2.58E-04	1.18E-04	7.75E-08	2.34E-07	1.35E-07	1.56E-07	1.42E-07	6.47E-08	2.96E-08	2.59E-09	6.25E-08	1.38E-08	2.12E-08	3.37E-08	5.94E-09	1.56E-08	1.55E-07
2142	494711.06	3859701.99	2.23E-04	2.58E-04	1.18E-04	7.73E-08	2.33E-07	1.35E-07	1.56E-07	1.42E-07	6.46E-08	2.96E-08	2.58E-09	6.24E-08	1.38E-08	2.12E-08	3.36E-08	5.93E-09	1.55E-08	1.55E-07
2143	494761.06	3859701.99	2.22E-04	2.56E-04	1.17E-04	7.69E-08	2.32E-07	1.34E-07	1.55E-07	1.41E-07	6.43E-08	2.94E-08	2.57E-09	6.21E-08	1.37E-08	2.11E-08	3.35E-08	5.90E-09	1.54E-08	1.54E-07
2144	494811.06	3859701.99	2.21E-04	2.55E-04	1.17E-04	7.66E-08	2.31E-07	1.34E-07	1.55E-07	1.40E-07	6.39E-08	2.93E-08	2.56E-09	6.18E-08	1.36E-08	2.10E-08	3.33E-08	5.87E-09	1.54E-08	1.53E-07
2145	494861.06	3859701.99	2.21E-04	2.55E-04	1.17E-04	7.64E-08	2.31E-07	1.34E-07	1.54E-07	1.40E-07	6.38E-08	2.92E-08	2.55E-09	6.17E-08	1.36E-08	2.10E-08	3.32E-08	5.86E-09	1.53E-08	1.53E-07
2146	494911.06	3859701.99	2.20E-04	2.54E-04	1.16E-04	7.61E-08	2.30E-07	1.33E-07	1.54E-07	1.39E-07	6.36E-08	2.91E-08	2.54E-09	6.14E-08	1.35E-08	2.09E-08	3.31E-08	5.83E-09	1.53E-08	1.53E-07
2147	494961.06	3859701.99	2.19E-04	2.53E-04	1.16E-04	7.58E-08	2.29E-07	1.32E-07	1.53E-07	1.39E-07	6.33E-08	2.90E-08	2.53E-09	6.11E-08	1.35E-08	2.08E-08	3.30E-08	5.81E-09	1.52E-08	1.52E-07
2148	495011.06	3859701.99	2.18E-04	2.52E-04	1.15E-04	7.56E-08	2.28E-07	1.32E-07	1.53E-07	1.38E-07	6.31E-08	2.89E-08	2.52E-09	6.09E-08	1.34E-08	2.07E-08	3.29E-08	5.79E-09	1.52E-08	1.51E-07
2149	495061.06	3859701.99	2.17E-04	2.51E-04	1.15E-04	7.53E-08	2.27E-07	1.32E-07	1.52E-07	1.38E-07	6.29E-08	2.88E-08	2.51E-09	6.07E-08	1.34E-08	2.06E-08	3.27E-08	5.77E-09	1.51E-08	1.51E-07
2150	495111.06	3859701.99	2.16E-04	2.50E-04	1.15E-04	7.50E-08	2.26E-07	1.31E-07	1.51E-07	1.37E-07	6.26E-08	2.87E-08	2.50E-09	6.05E-08	1.33E-08	2.06E-08	3.26E-08	5.75E-09	1.51E-08	1.50E-07
2151	495161.06	3859701.99	2.15E-04	2.49E-04	1.14E-04	7.47E-08	2.25E-07	1.31E-07	1.51E-07	1.37E-07	6.24E-08	2.86E-08	2.49E-09	6.02E-08	1.33E-08	2.05E-08	3.25E-08	5.72E-09	1.50E-08	1.50E-07
2152	495211.06	3859701.99	2.14E-04	2.48E-04	1.13E-04	7.43E-08	2.24E-07	1.30E-07	1.50E-07	1.36E-07	6.21E-08	2.84E-08	2.48E-09	5.99E-08	1.32E-08	2.04E-08	3.23E-08	5.70E-09	1.49E-08	1.49E-07
2153	495261.06	3859701.99	2.14E-04	2.47E-04	1.13E-04	7.42E-08	2.24E-07	1.30E-07	1.50E-07	1.36E-07	6.20E-08	2.84E-08	2.48E-09	5.98E-08	1.32E-08	2.03E-08	3.23E-08	5.69E-09	1.49E-08	1.49E-07
2154	495311.06	3859701.99	2.13E-04	2.46E-04	1.13E-04	7.39E-08	2.23E-07	1.29E-07	1.49E-07	1.35E-07	6.17E-08	2.83E-08	2.47E-09	5.96E-08	1.31E-08	2.02E-08	3.21E-08	5.66E-09	1.48E-08	1.48E-07
2155	495361.06	3859701.99	2.12E-04	2.45E-04	1.12E-04	7.35E-08	2.22E-07	1.29E-07	1.49E-07	1.35E-07	6.14E-08	2.81E-08	2.46E-09	5.93E-08	1.31E-08	2.02E-08	3.20E-08	5.64E-09	1.48E-08	1.47E-07
2156	495411.06	3859701.99	2.11E-04	2.44E-04	1.12E-04	7.31E-08	2.21E-07	1.28E-07	1.48E-07	1.34E-07	6.11E-08	2.80E-08	2.44E-09	5.90E-08	1.30E-08	2.00E-08	3.18E-08	5.61E-09	1.47E-08	1.47E-07
2157	495461.06	3859701.99	2.10E-04	2.43E-04	1.11E-04	7.28E-08	2.20E-07	1.27E-07	1.47E-07	1.33E-07	6.08E-08	2.79E-08	2.43E-09	5.87E-08	1.30E-08	2.00E-08	3.17E-08	5.58E-09	1.46E-08	1.46E-07
2158	495511.06	3859701.99	2.08E-04	2.41E-04	1.10E-04	7.22E-08	2.18E-07	1.26E-07	1.46E-07	1.32E-07	6.03E-08	2.76E-08	2.41E-09	5.82E-08	1.29E-08	1.98E-08	3.14E-08	5.53E-09	1.45E-08	1.45E-07
2159	495561.06	3859701.99	2.08E-04	2.40E-04	1.10E-04	7.21E-08	2.18E-07	1.26E-07	1.46E-07	1.32E-07	6.02E-08	2.76E-08	2.41E-09	5.82E-08	1.28E-08	1.98E-08	3.14E-08	5.53E-09	1.45E-08	1.45E-07
2160	495611.06	3859701.99	2.07E-04	2.39E-04	1.10E-04	7.18E-08	2.17E-07	1.25E-07	1.45E-07	1.31E-07	6.00E-08	2.75E-08	2.40E-09	5.79E-08	1.28E-08	1.97E-08	3.12E-08	5.50E-09	1.44E-08	1.44E-07
2161	495661.06	3859701.99	2.06E-04	2.38E-04	1.09E-04	7.14E-08	2.16E-07	1.25E-07	1.44E-07	1.31E-07	5.96E-08	2.73E-08	2.39E-09	5.76E-08	1.27E-08	1.96E-08	3.11E-08	5.47E-09	1.43E-08	1.43E-07
2162	494311.06	3859751.99	2.27E-04	2.63E-04	1.20E-04	7.88E-08	2.38E-07	1.38E-07	1.59E-07	1.44E-07	6.58E-08	3.01E-08	2.63E-09	6.35E-08	1.40E-08	2.16E-08	3.43E-08	6.04E-09	1.58E-08	1.58E-07
2163	494361.06	3859751.99	2.26E-04	2.61E-04	1.20E-04	7.84E-08	2.37E-07	1.37E-07	1.58E-07	1.44E-07	6.55E-08	3.00E-08	2.62E-09	6.33E-08	1.40E-08	2.15E-08	3.41E-08	6.01E-09	1.57E-08	1.57E-07
2164	494411.06	3859751.99	2.25E-04	2.60E-04	1.19E-04	7.80E-08	2.36E-07	1.36E-07	1.58E-07	1.43E-07	6.52E-08	2.98E-08	2.61E-09	6.30E-08	1.39E-08	2.14E-08	3.39E-08	5.98E-09	1.57E-08	1.56E-07
2165	494461.06	3859751.99	2.25E-04	2.60E-04	1.19E-04	7.79E-08	2.35E-07	1.36E-07	1.57E-07	1.43E-07	6.51E-08	2.98E-08	2.60E-09	6.28E-08	1.39E-08	2.14E-08	3.39E-08	5.97E-09	1.56E-08	1.56E-07

2166	494511.06	3859751.99	2.24E-04	2.59E-04	1.19E-04	7.77E-08	2.35E-07	1.36E-07	1.57E-07	1.42E-07	6.49E-08	2.97E-08	2.59E-09	6.27E-08	1.38E-08	2.13E-08	3.38E-08	5.96E-09	1.56E-08	1.56E-07
2167	494561.06	3859751.99	2.23E-04	2.58E-04	1.18E-04	7.74E-08	2.34E-07	1.35E-07	1.56E-07	1.42E-07	6.47E-08	2.96E-08	2.58E-09	6.24E-08	1.38E-08	2.12E-08	3.37E-08	5.93E-09	1.55E-08	1.55E-07
2168	494611.06	3859751.99	2.22E-04	2.57E-04	1.18E-04	7.70E-08	2.33E-07	1.35E-07	1.56E-07	1.41E-07	6.43E-08	2.94E-08	2.57E-09	6.21E-08	1.37E-08	2.11E-08	3.35E-08	5.90E-09	1.55E-08	1.54E-07
2169	494661.06	3859751.99	2.21E-04	2.55E-04	1.17E-04	7.66E-08	2.31E-07	1.34E-07	1.55E-07	1.40E-07	6.40E-08	2.93E-08	2.56E-09	6.18E-08	1.36E-08	2.10E-08	3.33E-08	5.87E-09	1.54E-08	1.53E-07
2170	494711.06	3859751.99	2.20E-04	2.55E-04	1.17E-04	7.64E-08	2.31E-07	1.33E-07	1.54E-07	1.40E-07	6.38E-08	2.92E-08	2.55E-09	6.16E-08	1.36E-08	2.09E-08	3.32E-08	5.85E-09	1.53E-08	1.53E-07
2171	494761.06	3859751.99	2.20E-04	2.54E-04	1.16E-04	7.61E-08	2.30E-07	1.33E-07	1.54E-07	1.39E-07	6.36E-08	2.91E-08	2.54E-09	6.14E-08	1.35E-08	2.09E-08	3.31E-08	5.84E-09	1.53E-08	1.53E-07
2172	494811.06	3859751.99	2.19E-04	2.53E-04	1.16E-04	7.58E-08	2.29E-07	1.32E-07	1.53E-07	1.39E-07	6.33E-08	2.90E-08	2.53E-09	6.11E-08	1.35E-08	2.08E-08	3.30E-08	5.81E-09	1.52E-08	1.52E-07
2173	494861.06	3859751.99	2.18E-04	2.52E-04	1.15E-04	7.55E-08	2.28E-07	1.32E-07	1.53E-07	1.38E-07	6.31E-08	2.89E-08	2.52E-09	6.09E-08	1.34E-08	2.07E-08	3.29E-08	5.79E-09	1.52E-08	1.51E-07
2174	494911.06	3859751.99	2.17E-04	2.51E-04	1.15E-04	7.53E-08	2.27E-07	1.32E-07	1.52E-07	1.38E-07	6.29E-08	2.88E-08	2.51E-09	6.07E-08	1.34E-08	2.06E-08	3.27E-08	5.77E-09	1.51E-08	1.51E-07
2175	494961.06	3859751.99	2.16E-04	2.50E-04	1.14E-04	7.50E-08	2.26E-07	1.31E-07	1.51E-07	1.37E-07	6.27E-08	2.87E-08	2.50E-09	6.05E-08	1.34E-08	2.06E-08	3.26E-08	5.75E-09	1.51E-08	1.50E-07
2176	495011.06	3859751.99	2.16E-04	2.49E-04	1.14E-04	7.47E-08	2.26E-07	1.31E-07	1.51E-07	1.37E-07	6.24E-08	2.86E-08	2.50E-09	6.03E-08	1.33E-08	2.05E-08	3.25E-08	5.73E-09	1.50E-08	1.50E-07
2177	495061.06	3859751.99	2.15E-04	2.48E-04	1.14E-04	7.45E-08	2.25E-07	1.30E-07	1.50E-07	1.36E-07	6.22E-08	2.85E-08	2.49E-09	6.01E-08	1.33E-08	2.04E-08	3.24E-08	5.71E-09	1.50E-08	1.49E-07
2178	495111.06	3859751.99	2.14E-04	2.47E-04	1.13E-04	7.42E-08	2.24E-07	1.30E-07	1.50E-07	1.36E-07	6.20E-08	2.84E-08	2.48E-09	5.99E-08	1.32E-08	2.04E-08	3.23E-08	5.69E-09	1.49E-08	1.49E-07
2179	495161.06	3859751.99	2.13E-04	2.46E-04	1.13E-04	7.39E-08	2.23E-07	1.29E-07	1.49E-07	1.35E-07	6.18E-08	2.83E-08	2.47E-09	5.96E-08	1.32E-08	2.03E-08	3.22E-08	5.67E-09	1.48E-08	1.48E-07
2180	495211.06	3859751.99	2.12E-04	2.45E-04	1.12E-04	7.36E-08	2.22E-07	1.29E-07	1.49E-07	1.35E-07	6.15E-08	2.82E-08	2.46E-09	5.94E-08	1.31E-08	2.02E-08	3.20E-08	5.64E-09	1.48E-08	1.48E-07
2181	495261.06	3859751.99	2.12E-04	2.45E-04	1.12E-04	7.34E-08	2.22E-07	1.28E-07	1.48E-07	1.34E-07	6.13E-08	2.81E-08	2.45E-09	5.92E-08	1.31E-08	2.01E-08	3.19E-08	5.63E-09	1.47E-08	1.47E-07
2182	495311.06	3859751.99	2.11E-04	2.44E-04	1.12E-04	7.31E-08	2.21E-07	1.28E-07	1.48E-07	1.34E-07	6.11E-08	2.80E-08	2.44E-09	5.90E-08	1.30E-08	2.00E-08	3.18E-08	5.60E-09	1.47E-08	1.47E-07
2183	495361.06	3859751.99	2.10E-04	2.43E-04	1.11E-04	7.28E-08	2.20E-07	1.27E-07	1.47E-07	1.33E-07	6.08E-08	2.79E-08	2.43E-09	5.87E-08	1.30E-08	2.00E-08	3.17E-08	5.58E-09	1.46E-08	1.46E-07
2184	495411.06	3859751.99	2.09E-04	2.42E-04	1.11E-04	7.25E-08	2.19E-07	1.27E-07	1.46E-07	1.33E-07	6.06E-08	2.78E-08	2.42E-09	5.85E-08	1.29E-08	1.99E-08	3.16E-08	5.56E-09	1.46E-08	1.45E-07
2185	495461.06	3859751.99	2.08E-04	2.41E-04	1.10E-04	7.22E-08	2.18E-07	1.26E-07	1.46E-07	1.32E-07	6.03E-08	2.76E-08	2.41E-09	5.82E-08	1.28E-08	1.98E-08	3.14E-08	5.53E-09	1.45E-08	1.45E-07
2186	495511.06	3859751.99	2.07E-04	2.39E-04	1.10E-04	7.18E-08	2.17E-07	1.25E-07	1.45E-07	1.31E-07	5.99E-08	2.75E-08	2.40E-09	5.79E-08	1.28E-08	1.97E-08	3.12E-08	5.50E-09	1.44E-08	1.44E-07
2187	495561.06	3859751.99	2.06E-04	2.38E-04	1.09E-04	7.15E-08	2.16E-07	1.25E-07	1.44E-07	1.31E-07	5.97E-08	2.73E-08	2.39E-09	5.77E-08	1.27E-08	1.96E-08	3.11E-08	5.48E-09	1.44E-08	1.43E-07
2188	495611.06	3859751.99	2.05E-04	2.37E-04	1.09E-04	7.12E-08	2.15E-07	1.24E-07	1.44E-07	1.30E-07	5.94E-08	2.72E-08	2.38E-09	5.74E-08	1.27E-08	1.95E-08	3.10E-08	5.46E-09	1.43E-08	1.43E-07
2189	495661.06	3859751.99	2.05E-04	2.36E-04	1.08E-04	7.09E-08	2.14E-07	1.24E-07	1.43E-07	1.30E-07	5.92E-08	2.71E-08	2.37E-09	5.72E-08	1.26E-08	1.94E-08	3.08E-08	5.44E-09	1.42E-08	1.42E-07
2190	494311.06	3859801.99	2.25E-04	2.59E-04	1.19E-04	7.78E-08	2.35E-07	1.36E-07	1.57E-07	1.42E-07	6.50E-08	2.97E-08	2.60E-09	6.28E-08	1.39E-08	2.13E-08	3.38E-08	5.97E-09	1.56E-08	1.56E-07
2191	494361.06	3859801.99	2.23E-04	2.58E-04	1.18E-04	7.74E-08	2.34E-07	1.35E-07	1.56E-07	1.42E-07	6.47E-08	2.96E-08	2.59E-09	6.24E-08	1.38E-08	2.12E-08	3.37E-08	5.93E-09	1.55E-08	1.55E-07
2192	494411.06	3859801.99	2.22E-04	2.57E-04	1.17E-04	7.70E-08	2.32E-07	1.35E-07	1.55E-07	1.41E-07	6.43E-08	2.94E-08	2.57E-09	6.21E-08	1.37E-08	2.11E-08	3.35E-08	5.90E-09	1.54E-08	1.54E-07
2193	494461.06	3859801.99	2.22E-04	2.56E-04	1.17E-04	7.68E-08	2.32E-07	1.34E-07	1.55E-07	1.41E-07	6.42E-08	2.94E-08	2.57E-09	6.20E-08	1.37E-08	2.11E-08	3.34E-08	5.89E-09	1.54E-08	1.54E-07
2194	494511.06	3859801.99	2.21E-04	2.56E-04	1.17E-04	7.67E-08	2.32E-07	1.34E-07	1.55E-07	1.40E-07	6.41E-08	2.93E-08	2.56E-09	6.19E-08	1.36E-08	2.10E-08	3.34E-08	5.88E-09	1.54E-08	1.54E-07
2195	494561.06	3859801.99	2.20E-04	2.55E-04	1.16E-04	7.64E-08	2.31E-07	1.34E-07	1.54E-07	1.40E-07	6.38E-08	2.92E-08	2.55E-09	6.16E-08	1.36E-08	2.09E-08	3.32E-08	5.86E-09	1.53E-08	1.53E-07
2196	494611.06	3859801.99	2.19E-04	2.53E-04	1.16E-04	7.59E-08	2.29E-07	1.33E-07	1.53E-07	1.39E-07	6.34E-08	2.90E-08	2.54E-09	6.13E-08	1.35E-08	2.08E-08	3.30E-08	5.82E-09	1.52E-08	1.52E-07
2197	494661.06	3859801.99	2.18E-04	2.52E-04	1.15E-04	7.56E-08	2.28E-07	1.32E-07	1.53E-07	1.38E-07	6.32E-08	2.89E-08	2.53E-09	6.10E-08	1.35E-08	2.07E-08	3.29E-08	5.80E-09	1.52E-08	1.52E-07
2198	494711.06	3859801.99	2.17E-04	2.51E-04	1.15E-04	7.53E-08	2.27E-07	1.32E-07	1.52E-07	1.38E-07	6.29E-08	2.88E-08	2.51E-09	6.07E-08	1.34E-08	2.06E-08	3.27E-08	5.77E-09	1.51E-08	1.51E-07
2199	494761.06	3859801.99	2.17E-04	2.51E-04	1.15E-04	7.52E-08	2.27E-07	1.31E-07	1.52E-07	1.38E-07	6.28E-08	2.87E-08	2.51E-09	6.06E-08	1.34E-08	2.06E-08	3.27E-08	5.76E-09	1.51E-08	1.51E-07
2200	494811.06	3859801.99	2.16E-04	2.50E-04	1.14E-04	7.49E-08	2.26E-07	1.31E-07	1.51E-07	1.37E-07	6.25E-08	2.86E-08	2.50E-09	6.04E-08	1.33E-08	2.05E-08	3.26E-08	5.74E-09	1.50E-08	1.50E-07
2201	494861.06	3859801.99	2.15E-04	2.49E-04	1.14E-04	7.46E-08	2.25E-07	1.30E-07	1.51E-07	1.37E-07	6.23E-08	2.85E-08	2.49E-09	6.02E-08	1.33E-08	2.05E-08	3.25E-08	5.72E-09	1.50E-08	1.50E-07
2202	494911.06	3859801.99	2.14E-04	2.48E-04	1.13E-04	7.43E-08	2.24E-07	1.30E-07	1.50E-07	1.36E-07	6.21E-08	2.84E-08	2.48E-09	5.99E-08	1.32E-08	2.04E-08	3.23E-08	5.70E-09	1.49E-08	1.49E-07
2203	494961.06	3859801.99	2.14E-04	2.47E-04	1.13E-04	7.41E-08	2.24E-07	1.29E-07	1.50E-07	1.36E-07	6.19E-08	2.83E-08	2.47E-09	5.97E-08	1.32E-08	2.03E-08	3.22E-08	5.68E-09	1.49E-08	1.48E-07
2204	495011.06	3859801.99	2.13E-04	2.46E-04	1.13E-04	7.38E-08	2.23E-07	1.29E-07	1.49E-07	1.35E-07	6.16E-08	2.82E-08	2.46E-09	5.95E-08	1.31E-08	2.02E-08	3.21E-08	5.66E-09	1.48E-08	1.48E-07
2205	495061.06	3859801.99	2.12E-04	2.45E-04	1.12E-04	7.36E-08	2.22E-07	1.29E-07	1.49E-07	1.35E-07	6.14E-08	2.81E-08	2.46E-09	5.93E-08	1.31E-08	2.02E-08	3.20E-08	5.64E-09	1.48E-08	1.47E-07
2206	495111.06	3859801.99	2.11E-04	2.44E-04	1.12E-04	7.33E-08	2.21E-07	1.28E-07	1.48E-07	1.34E-07	6.12E-08	2.80E-08	2.45E-09	5.91E-08	1.30E-08	2.01E-08	3.19E-08	5.62E-09	1.47E-08	1.47E-07
2207	495161.06	3859801.99	2.11E-04	2.43E-04	1.11E-04	7.30E-08	2.20E-07	1.28E-07	1.47E-07	1.34E-07	6.10E-08	2.79E-08	2.44E-09	5.89E-08	1.30E-08	2.00E-08	3.17E-08	5.60E-09	1.46E-08	1.46E-07
2208	495211.06	3859801.99	2.10E-04	2.43E-04	1.11E-04	7.28E-08	2.20E-07	1.27E-07	1.47E-07	1.33E-07	6.08E-08	2.78E-08	2.43E-09	5.87E-08	1.30E-08	1.99E-08	3.16E-08	5.58E-09	1.46E-08	1.46E-07
2209	495261.06	3859801.99	2.09E-04	2.42E-04	1.11E-04	7.25E-08	2.19E-07	1.27E-07	1.46E-07	1.33E-07	6.05E-08	2.77E-08	2.42E-09	5.85E-08	1.29E-08	1.99E-08	3.15E-08	5.56E-09	1.45E-08	1.45E-07
2210	495311.06	3859801.99	2.09E-04	2.41E-04	1.10E-04	7.23E-08	2.18E-07	1.26E-07	1.46E-07	1.32E-07	6.04E-08	2.76E-08	2.41E-09	5.83E-08	1.29E-08	1.98E-08	3.14E-08	5.54E-09	1.45E-08	1.45E-07
2211	495361.06	3859801.99	2.08E-04	2.40E-04	1.10E-04	7.20E-08	2.17E-07	1.26E-07	1.45E-07	1.32E-07	6.01E-08	2.75E-08	2.40E-09	5.81E-08	1.28E-08	1.97E-08	3.13E-08	5.52E-09	1.44E-08	1.44E-07
2212	495411.06	3859801.99	2.07E-04	2.39E-04	1.09E-04	7.17E-08	2.16E-07	1.25E-07	1.45E-07	1.31E-07	5.99E-08	2.74E-08	2.39E-09	5.78E-08	1.28E-08	1.97E-08	3.12E-08	5.49E-09	1.44E-08	1.44E-07
2213	495461.06	3859801.99	2.06E-04	2.38E-04	1.09E-04	7.14E-08	2.16E-07	1.25E-07	1.44E-07	1.31E-07	5.96E-08	2.73E-08	2.38E-09	5.76E-08	1.27E-08	1.96E-08	3.11E-08	5.47E-09	1.43E-08	1.43E-07
2214	495511.06	3859801.99	2.05E-04	2.37E-04	1.08E-04	7.11E-08	2.15E-07	1.24E-07	1.43E-07	1.30E-07	5.93E-08	2.72E-08	2.37E-09	5.73E-08	1.26E-08	1.95E-08	3.09E-08	5.45E-09	1.43E-08	1.42E-07
2215	495561.06	3859801.99	2.04E-04	2.36E-04	1.08E-04	7.08E-08	2.14E-07	1.24E-07	1.43E-07	1.30E-07	5.91E-08	2.71E-08	2.36E-09	5.71E-08	1.26E-08	1.94E-08	3.08E-08	5.43E-09	1.42E-08	1.42E-07
2216	495611.06	3859801.99	2.04E-04	2.35E-04	1.08E-04	7.06E-08	2.13E-07	1.23E-07	1.43E-07	1.29E-07	5.90E-08	2.70E-08	2.36E-09	5.70E-08	1.26E-08	1.94E-08	3.07E-08	5.41E-09	1.42E-08	1.42E-07
2217	495661.06	3859801.99	2.03E-04	2.34E-04	1.07E-04	7.03E-08	2.12E-07	1.23E-07	1.42E-07	1.29E-07	5.87E-08	2.69E-08	2.35E-09	5.67E-08	1.25E-08	1.93E-08	3.06E-08	5.39E-09	1.41E-08	1.41E-07
2218	494311.06	3859851.99	2.22E-04	2.56E-04	1.17E-04	7.68E-08	2.32E-07	1.34E-07	1.55E-07	1.41E-07	6.42E-08	2.93E-08	2.56E-09	6.19E-08	1.37E-08	2.11E-08	3.34E-08	5.89E-09	1.54E-08	1.54E-07

2219	494361.06	3859851.99	2.21E-04	2.55E-04	1.17E-04	7.65E-08	2.31E-07	1.34E-07	1.54E-07	1.40E-07	6.39E-08	2.92E-08	2.55E-09	6.17E-08	1.36E-08	2.10E-08	3.33E-08	5.86E-09	1.53E-08	1.53E-07
2220	494411.06	3859851.99	2.20E-04	2.54E-04	1.16E-04	7.61E-08	2.30E-07	1.33E-07	1.54E-07	1.39E-07	6.36E-08	2.91E-08	2.54E-09	6.14E-08	1.35E-08	2.09E-08	3.31E-08	5.83E-09	1.52E-08	1.52E-07
2221	494461.06	3859851.99	2.19E-04	2.53E-04	1.15E-04	7.58E-08	2.29E-07	1.32E-07	1.53E-07	1.39E-07	6.33E-08	2.89E-08	2.53E-09	6.11E-08	1.35E-08	2.08E-08	3.30E-08	5.81E-09	1.52E-08	1.52E-07
2222	494511.06	3859851.99	2.18E-04	2.52E-04	1.15E-04	7.55E-08	2.28E-07	1.32E-07	1.53E-07	1.38E-07	6.31E-08	2.89E-08	2.52E-09	6.09E-08	1.34E-08	2.07E-08	3.29E-08	5.79E-09	1.51E-08	1.51E-07
2223	494561.06	3859851.99	2.17E-04	2.51E-04	1.15E-04	7.54E-08	2.28E-07	1.32E-07	1.52E-07	1.38E-07	6.30E-08	2.88E-08	2.52E-09	6.08E-08	1.34E-08	2.07E-08	3.28E-08	5.78E-09	1.51E-08	1.51E-07
2224	494611.06	3859851.99	2.16E-04	2.50E-04	1.14E-04	7.49E-08	2.26E-07	1.31E-07	1.51E-07	1.37E-07	6.26E-08	2.86E-08	2.50E-09	6.04E-08	1.33E-08	2.05E-08	3.26E-08	5.74E-09	1.50E-08	1.50E-07
2225	494661.06	3859851.99	2.16E-04	2.49E-04	1.14E-04	7.47E-08	2.26E-07	1.31E-07	1.51E-07	1.37E-07	6.24E-08	2.85E-08	2.49E-09	6.03E-08	1.33E-08	2.05E-08	3.25E-08	5.73E-09	1.50E-08	1.50E-07
2226	494711.06	3859851.99	2.14E-04	2.48E-04	1.13E-04	7.43E-08	2.24E-07	1.30E-07	1.50E-07	1.36E-07	6.21E-08	2.84E-08	2.48E-09	6.00E-08	1.32E-08	2.04E-08	3.23E-08	5.70E-09	1.49E-08	1.49E-07
2227	494761.06	3859851.99	2.14E-04	2.47E-04	1.13E-04	7.42E-08	2.24E-07	1.30E-07	1.50E-07	1.36E-07	6.20E-08	2.83E-08	2.48E-09	5.98E-08	1.32E-08	2.03E-08	3.23E-08	5.69E-09	1.49E-08	1.49E-07
2228	494811.06	3859851.99	2.13E-04	2.46E-04	1.13E-04	7.39E-08	2.23E-07	1.29E-07	1.49E-07	1.35E-07	6.17E-08	2.82E-08	2.47E-09	5.96E-08	1.32E-08	2.03E-08	3.21E-08	5.66E-09	1.48E-08	1.48E-07
2229	494861.06	3859851.99	2.13E-04	2.46E-04	1.12E-04	7.37E-08	2.22E-07	1.29E-07	1.49E-07	1.35E-07	6.15E-08	2.81E-08	2.46E-09	5.94E-08	1.31E-08	2.02E-08	3.20E-08	5.65E-09	1.48E-08	1.48E-07
2230	494911.06	3859851.99	2.12E-04	2.45E-04	1.12E-04	7.34E-08	2.22E-07	1.28E-07	1.48E-07	1.34E-07	6.13E-08	2.80E-08	2.45E-09	5.92E-08	1.31E-08	2.01E-08	3.19E-08	5.62E-09	1.47E-08	1.47E-07
2231	494961.06	3859851.99	2.11E-04	2.44E-04	1.12E-04	7.31E-08	2.21E-07	1.28E-07	1.48E-07	1.34E-07	6.11E-08	2.79E-08	2.44E-09	5.90E-08	1.30E-08	2.01E-08	3.18E-08	5.61E-09	1.47E-08	1.47E-07
2232	495011.06	3859851.99	2.10E-04	2.43E-04	1.11E-04	7.29E-08	2.20E-07	1.27E-07	1.47E-07	1.33E-07	6.09E-08	2.78E-08	2.43E-09	5.88E-08	1.30E-08	2.00E-08	3.17E-08	5.59E-09	1.46E-08	1.46E-07
2233	495061.06	3859851.99	2.10E-04	2.42E-04	1.11E-04	7.26E-08	2.19E-07	1.27E-07	1.47E-07	1.33E-07	6.07E-08	2.78E-08	2.43E-09	5.86E-08	1.29E-08	1.99E-08	3.16E-08	5.57E-09	1.46E-08	1.46E-07
2234	495111.06	3859851.99	2.09E-04	2.41E-04	1.10E-04	7.23E-08	2.18E-07	1.26E-07	1.46E-07	1.32E-07	6.04E-08	2.76E-08	2.42E-09	5.84E-08	1.29E-08	1.98E-08	3.15E-08	5.55E-09	1.45E-08	1.45E-07
2235	495161.06	3859851.99	2.08E-04	2.40E-04	1.10E-04	7.21E-08	2.18E-07	1.26E-07	1.46E-07	1.32E-07	6.02E-08	2.76E-08	2.41E-09	5.81E-08	1.28E-08	1.98E-08	3.14E-08	5.53E-09	1.45E-08	1.44E-07
2236	495211.06	3859851.99	2.07E-04	2.40E-04	1.10E-04	7.18E-08	2.17E-07	1.26E-07	1.45E-07	1.32E-07	6.00E-08	2.75E-08	2.40E-09	5.80E-08	1.28E-08	1.97E-08	3.13E-08	5.51E-09	1.44E-08	1.44E-07
2237	495261.06	3859851.99	2.07E-04	2.39E-04	1.09E-04	7.16E-08	2.16E-07	1.25E-07	1.45E-07	1.31E-07	5.98E-08	2.74E-08	2.39E-09	5.77E-08	1.27E-08	1.96E-08	3.11E-08	5.49E-09	1.44E-08	1.43E-07
2238	495311.06	3859851.99	2.06E-04	2.38E-04	1.09E-04	7.14E-08	2.16E-07	1.25E-07	1.44E-07	1.31E-07	5.96E-08	2.73E-08	2.38E-09	5.76E-08	1.27E-08	1.96E-08	3.10E-08	5.47E-09	1.43E-08	1.43E-07
2239	495361.06	3859851.99	2.05E-04	2.37E-04	1.09E-04	7.11E-08	2.15E-07	1.24E-07	1.44E-07	1.30E-07	5.94E-08	2.72E-08	2.38E-09	5.74E-08	1.27E-08	1.95E-08	3.09E-08	5.45E-09	1.43E-08	1.43E-07
2240	495411.06	3859851.99	2.04E-04	2.36E-04	1.08E-04	7.09E-08	2.14E-07	1.24E-07	1.43E-07	1.30E-07	5.92E-08	2.71E-08	2.37E-09	5.72E-08	1.26E-08	1.94E-08	3.08E-08	5.43E-09	1.42E-08	1.42E-07
2241	495461.06	3859851.99	2.04E-04	2.35E-04	1.08E-04	7.06E-08	2.13E-07	1.23E-07	1.43E-07	1.29E-07	5.90E-08	2.70E-08	2.36E-09	5.69E-08	1.26E-08	1.94E-08	3.07E-08	5.41E-09	1.42E-08	1.41E-07
2242	495511.06	3859851.99	2.03E-04	2.34E-04	1.07E-04	7.03E-08	2.12E-07	1.23E-07	1.42E-07	1.29E-07	5.87E-08	2.69E-08	2.35E-09	5.67E-08	1.25E-08	1.93E-08	3.06E-08	5.39E-09	1.41E-08	1.41E-07
2243	495561.06	3859851.99	2.02E-04	2.34E-04	1.07E-04	7.01E-08	2.12E-07	1.23E-07	1.42E-07	1.28E-07	5.85E-08	2.68E-08	2.34E-09	5.65E-08	1.25E-08	1.92E-08	3.05E-08	5.37E-09	1.41E-08	1.40E-07
2244	495611.06	3859851.99	2.02E-04	2.33E-04	1.07E-04	6.99E-08	2.11E-07	1.22E-07	1.41E-07	1.28E-07	5.84E-08	2.67E-08	2.33E-09	5.64E-08	1.24E-08	1.92E-08	3.04E-08	5.36E-09	1.40E-08	1.40E-07
2245	495661.06	3859851.99	2.01E-04	2.32E-04	1.06E-04	6.95E-08	2.10E-07	1.22E-07	1.40E-07	1.27E-07	5.81E-08	2.66E-08	2.32E-09	5.61E-08	1.24E-08	1.91E-08	3.02E-08	5.33E-09	1.40E-08	1.39E-07
2246	494311.06	3859901.99	2.19E-04	2.53E-04	1.15E-04	7.58E-08	2.29E-07	1.32E-07	1.53E-07	1.39E-07	6.33E-08	2.89E-08	2.53E-09	6.11E-08	1.35E-08	2.08E-08	3.30E-08	5.81E-09	1.52E-08	1.52E-07
2247	494361.06	3859901.99	2.17E-04	2.51E-04	1.15E-04	7.54E-08	2.28E-07	1.32E-07	1.52E-07	1.38E-07	6.30E-08	2.88E-08	2.52E-09	6.08E-08	1.34E-08	2.07E-08	3.28E-08	5.78E-09	1.51E-08	1.51E-07
2248	494411.06	3859901.99	2.17E-04	2.50E-04	1.14E-04	7.51E-08	2.27E-07	1.31E-07	1.52E-07	1.38E-07	6.28E-08	2.87E-08	2.51E-09	6.06E-08	1.34E-08	2.06E-08	3.27E-08	5.76E-09	1.51E-08	1.51E-07
2249	494461.06	3859901.99	2.16E-04	2.49E-04	1.14E-04	7.48E-08	2.26E-07	1.31E-07	1.51E-07	1.37E-07	6.25E-08	2.86E-08	2.50E-09	6.03E-08	1.33E-08	2.05E-08	3.25E-08	5.74E-09	1.50E-08	1.50E-07
2250	494511.06	3859901.99	2.15E-04	2.49E-04	1.14E-04	7.46E-08	2.25E-07	1.30E-07	1.51E-07	1.36E-07	6.23E-08	2.85E-08	2.49E-09	6.01E-08	1.33E-08	2.04E-08	3.24E-08	5.72E-09	1.49E-08	1.49E-07
2251	494561.06	3859901.99	2.15E-04	2.48E-04	1.13E-04	7.44E-08	2.25E-07	1.30E-07	1.50E-07	1.36E-07	6.22E-08	2.84E-08	2.48E-09	6.00E-08	1.32E-08	2.04E-08	3.24E-08	5.70E-09	1.49E-08	1.49E-07
2252	494611.06	3859901.99	2.13E-04	2.47E-04	1.13E-04	7.40E-08	2.23E-07	1.29E-07	1.49E-07	1.35E-07	6.18E-08	2.82E-08	2.47E-09	5.97E-08	1.32E-08	2.03E-08	3.22E-08	5.67E-09	1.48E-08	1.48E-07
2253	494661.06	3859901.99	2.13E-04	2.46E-04	1.12E-04	7.38E-08	2.23E-07	1.29E-07	1.49E-07	1.35E-07	6.16E-08	2.82E-08	2.46E-09	5.95E-08	1.31E-08	2.02E-08	3.21E-08	5.66E-09	1.48E-08	1.48E-07
2254	494711.06	3859901.99	2.12E-04	2.45E-04	1.12E-04	7.33E-08	2.21E-07	1.28E-07	1.48E-07	1.34E-07	6.13E-08	2.80E-08	2.45E-09	5.92E-08	1.31E-08	2.01E-08	3.19E-08	5.62E-09	1.47E-08	1.47E-07
2255	494761.06	3859901.99	2.11E-04	2.44E-04	1.11E-04	7.31E-08	2.21E-07	1.28E-07	1.48E-07	1.34E-07	6.11E-08	2.79E-08	2.44E-09	5.90E-08	1.30E-08	2.01E-08	3.18E-08	5.61E-09	1.47E-08	1.47E-07
2256	494811.06	3859901.99	2.11E-04	2.43E-04	1.11E-04	7.30E-08	2.20E-07	1.28E-07	1.47E-07	1.34E-07	6.10E-08	2.79E-08	2.44E-09	5.89E-08	1.30E-08	2.00E-08	3.17E-08	5.59E-09	1.46E-08	1.46E-07
2257	494861.06	3859901.99	2.10E-04	2.42E-04	1.11E-04	7.27E-08	2.20E-07	1.27E-07	1.47E-07	1.33E-07	6.08E-08	2.78E-08	2.43E-09	5.87E-08	1.29E-08	1.99E-08	3.16E-08	5.58E-09	1.46E-08	1.46E-07
2258	494911.06	3859901.99	2.09E-04	2.41E-04	1.10E-04	7.24E-08	2.19E-07	1.27E-07	1.46E-07	1.33E-07	6.05E-08	2.77E-08	2.42E-09	5.84E-08	1.29E-08	1.99E-08	3.15E-08	5.55E-09	1.45E-08	1.45E-07
2259	494961.06	3859901.99	2.08E-04	2.41E-04	1.10E-04	7.22E-08	2.18E-07	1.26E-07	1.46E-07	1.32E-07	6.03E-08	2.76E-08	2.41E-09	5.82E-08	1.28E-08	1.98E-08	3.14E-08	5.53E-09	1.45E-08	1.45E-07
2260	495011.06	3859901.99	2.08E-04	2.40E-04	1.10E-04	7.19E-08	2.17E-07	1.26E-07	1.45E-07	1.32E-07	6.01E-08	2.75E-08	2.40E-09	5.80E-08	1.28E-08	1.97E-08	3.13E-08	5.51E-09	1.44E-08	1.44E-07
2261	495061.06	3859901.99	2.07E-04	2.39E-04	1.09E-04	7.17E-08	2.16E-07	1.25E-07	1.45E-07	1.31E-07	5.99E-08	2.74E-08	2.39E-09	5.78E-08	1.28E-08	1.97E-08	3.12E-08	5.49E-09	1.44E-08	1.44E-07
2262	495111.06	3859901.99	2.06E-04	2.38E-04	1.09E-04	7.14E-08	2.16E-07	1.25E-07	1.44E-07	1.31E-07	5.96E-08	2.73E-08	2.38E-09	5.76E-08	1.27E-08	1.96E-08	3.10E-08	5.47E-09	1.43E-08	1.43E-07
2263	495161.06	3859901.99	2.05E-04	2.37E-04	1.08E-04	7.11E-08	2.15E-07	1.24E-07	1.44E-07	1.30E-07	5.94E-08	2.72E-08	2.37E-09	5.74E-08	1.27E-08	1.95E-08	3.09E-08	5.45E-09	1.43E-08	1.43E-07
2264	495211.06	3859901.99	2.05E-04	2.36E-04	1.08E-04	7.09E-08	2.14E-07	1.24E-07	1.43E-07	1.30E-07	5.92E-08	2.71E-08	2.37E-09	5.72E-08	1.26E-08	1.94E-08	3.08E-08	5.44E-09	1.42E-08	1.42E-07
2265	495261.06	3859901.99	2.04E-04	2.35E-04	1.08E-04	7.06E-08	2.13E-07	1.23E-07	1.43E-07	1.29E-07	5.90E-08	2.70E-08	2.36E-09	5.70E-08	1.26E-08	1.94E-08	3.07E-08	5.41E-09	1.42E-08	1.42E-07
2266	495311.06	3859901.99	2.03E-04	2.35E-04	1.07E-04	7.04E-08	2.13E-07	1.23E-07	1.42E-07	1.29E-07	5.88E-08	2.69E-08	2.35E-09	5.68E-08	1.25E-08	1.93E-08	3.06E-08	5.40E-09	1.41E-08	1.41E-07
2267	495361.06	3859901.99	2.03E-04	2.34E-04	1.07E-04	7.02E-08	2.12E-07	1.23E-07	1.42E-07	1.28E-07	5.86E-08	2.68E-08	2.34E-09	5.66E-08	1.25E-08	1.92E-08	3.05E-08	5.38E-09	1.41E-08	1.41E-07
2268	495411.06	3859901.99	2.02E-04	2.33E-04	1.07E-04	6.99E-08	2.11E-07	1.22E-07	1.41E-07	1.28E-07	5.84E-08	2.67E-08	2.33E-09	5.64E-08	1.24E-08	1.92E-08	3.04E-08	5.36E-09	1.40E-08	1.40E-07
2269	495461.06	3859901.99	2.01E-04	2.32E-04	1.06E-04	6.97E-08	2.10E-07	1.22E-07	1.41E-07	1.28E-07	5.82E-08	2.66E-08	2.33E-09	5.62E-08	1.24E-08	1.91E-08	3.03E-08	5.34E-09	1.40E-08	1.40E-07
2270	495511.06	3859901.99	2.00E-04	2.32E-04	1.06E-04	6.95E-08	2.10E-07	1.21E-07	1.40E-07	1.27E-07	5.80E-08	2.65E-08	2.32E-09	5.60E-08	1.24E-08	1.90E-08	3.02E-08	5.33E-09	1.39E-08	1.39E-07
2271	495561.06	3859901.99	2.00E-04	2.31E-04	1.06E-04	6.93E-08	2.09E-07	1.21E-07	1.40E-07	1.27E-07	5.79E-08	2.65E-08	2.31E-09	5.59E-08	1.23E-08	1.90E-08	3.01E-08	5.31E-09	1.39E-08	1.39E-07

2272	495611.06	3859901.99	1.99E-04	2.30E-04	1.05E-04	6.90E-08	2.08E-07	1.21E-07	1.39E-07	1.26E-07	5.76E-08	2.64E-08	2.30E-09	5.57E-08	1.23E-08	1.89E-08	3.00E-08	5.29E-09	1.38E-08	1.38E-07
2273	495661.06	3859901.99	1.98E-04	2.29E-04	1.05E-04	6.87E-08	2.07E-07	1.20E-07	1.39E-07	1.26E-07	5.74E-08	2.63E-08	2.29E-09	5.54E-08	1.22E-08	1.88E-08	2.99E-08	5.27E-09	1.38E-08	1.38E-07
2274	494311.06	3859951.99	2.16E-04	2.50E-04	1.14E-04	7.50E-08	2.26E-07	1.31E-07	1.52E-07	1.37E-07	6.27E-08	2.86E-08	2.50E-09	6.05E-08	1.34E-08	2.06E-08	3.26E-08	5.75E-09	1.50E-08	1.50E-07
2275	494361.06	3859951.99	2.16E-04	2.49E-04	1.14E-04	7.47E-08	2.26E-07	1.31E-07	1.51E-07	1.37E-07	6.24E-08	2.85E-08	2.49E-09	6.03E-08	1.33E-08	2.05E-08	3.25E-08	5.73E-09	1.50E-08	1.50E-07
2276	494411.06	3859951.99	2.14E-04	2.47E-04	1.13E-04	7.42E-08	2.24E-07	1.30E-07	1.50E-07	1.36E-07	6.20E-08	2.83E-08	2.48E-09	5.98E-08	1.32E-08	2.03E-08	3.23E-08	5.69E-09	1.49E-08	1.49E-07
2277	494461.06	3859951.99	2.13E-04	2.46E-04	1.12E-04	7.39E-08	2.23E-07	1.29E-07	1.49E-07	1.35E-07	6.17E-08	2.82E-08	2.47E-09	5.96E-08	1.31E-08	2.03E-08	3.21E-08	5.66E-09	1.48E-08	1.48E-07
2278	494511.06	3859951.99	2.12E-04	2.45E-04	1.12E-04	7.36E-08	2.22E-07	1.29E-07	1.49E-07	1.35E-07	6.15E-08	2.81E-08	2.46E-09	5.94E-08	1.31E-08	2.02E-08	3.20E-08	5.64E-09	1.47E-08	1.48E-07
2279	494561.06	3859951.99	2.13E-04	2.46E-04	1.12E-04	7.37E-08	2.22E-07	1.29E-07	1.49E-07	1.35E-07	6.15E-08	2.81E-08	2.46E-09	5.94E-08	1.31E-08	2.02E-08	3.20E-08	5.65E-09	1.48E-08	1.48E-07
2280	494611.06	3859951.99	2.11E-04	2.44E-04	1.11E-04	7.31E-08	2.21E-07	1.28E-07	1.48E-07	1.34E-07	6.11E-08	2.79E-08	2.44E-09	5.89E-08	1.30E-08	2.00E-08	3.18E-08	5.60E-09	1.46E-08	1.46E-07
2281	494661.06	3859951.99	2.11E-04	2.44E-04	1.11E-04	7.31E-08	2.21E-07	1.28E-07	1.48E-07	1.34E-07	6.11E-08	2.79E-08	2.44E-09	5.90E-08	1.30E-08	2.01E-08	3.18E-08	5.61E-09	1.46E-08	1.47E-07
2282	494711.06	3859951.99	2.09E-04	2.42E-04	1.10E-04	7.25E-08	2.19E-07	1.27E-07	1.46E-07	1.33E-07	6.06E-08	2.77E-08	2.42E-09	5.85E-08	1.29E-08	1.99E-08	3.15E-08	5.56E-09	1.45E-08	1.45E-07
2283	494761.06	3859951.99	2.09E-04	2.41E-04	1.10E-04	7.23E-08	2.18E-07	1.26E-07	1.46E-07	1.32E-07	6.04E-08	2.76E-08	2.41E-09	5.83E-08	1.29E-08	1.98E-08	3.14E-08	5.54E-09	1.45E-08	1.45E-07
2284	494811.06	3859951.99	2.08E-04	2.40E-04	1.10E-04	7.20E-08	2.17E-07	1.26E-07	1.45E-07	1.32E-07	6.02E-08	2.75E-08	2.41E-09	5.81E-08	1.28E-08	1.98E-08	3.13E-08	5.52E-09	1.44E-08	1.44E-07
2285	494861.06	3859951.99	2.07E-04	2.39E-04	1.09E-04	7.18E-08	2.17E-07	1.26E-07	1.45E-07	1.31E-07	6.00E-08	2.74E-08	2.40E-09	5.79E-08	1.28E-08	1.97E-08	3.12E-08	5.51E-09	1.44E-08	1.44E-07
2286	494911.06	3859951.99	2.06E-04	2.38E-04	1.09E-04	7.15E-08	2.16E-07	1.25E-07	1.44E-07	1.31E-07	5.97E-08	2.73E-08	2.39E-09	5.77E-08	1.27E-08	1.96E-08	3.11E-08	5.48E-09	1.43E-08	1.43E-07
2287	494961.06	3859951.99	2.06E-04	2.38E-04	1.09E-04	7.12E-08	2.15E-07	1.25E-07	1.44E-07	1.30E-07	5.95E-08	2.72E-08	2.38E-09	5.75E-08	1.27E-08	1.95E-08	3.10E-08	5.46E-09	1.43E-08	1.43E-07
2288	495011.06	3859951.99	2.05E-04	2.37E-04	1.08E-04	7.10E-08	2.14E-07	1.24E-07	1.43E-07	1.30E-07	5.93E-08	2.71E-08	2.37E-09	5.72E-08	1.26E-08	1.95E-08	3.09E-08	5.44E-09	1.42E-08	1.42E-07
2289	495061.06	3859951.99	2.04E-04	2.36E-04	1.08E-04	7.07E-08	2.14E-07	1.24E-07	1.43E-07	1.29E-07	5.91E-08	2.70E-08	2.36E-09	5.70E-08	1.26E-08	1.94E-08	3.08E-08	5.42E-09	1.42E-08	1.42E-07
2290	495111.06	3859951.99	2.03E-04	2.35E-04	1.07E-04	7.04E-08	2.13E-07	1.23E-07	1.42E-07	1.29E-07	5.88E-08	2.69E-08	2.35E-09	5.68E-08	1.25E-08	1.93E-08	3.06E-08	5.40E-09	1.41E-08	1.41E-07
2291	495161.06	3859951.99	2.02E-04	2.34E-04	1.07E-04	7.02E-08	2.12E-07	1.23E-07	1.42E-07	1.28E-07	5.86E-08	2.68E-08	2.34E-09	5.66E-08	1.25E-08	1.92E-08	3.05E-08	5.38E-09	1.41E-08	1.41E-07
2292	495211.06	3859951.99	2.02E-04	2.33E-04	1.07E-04	6.99E-08	2.11E-07	1.22E-07	1.41E-07	1.28E-07	5.84E-08	2.67E-08	2.33E-09	5.64E-08	1.24E-08	1.92E-08	3.04E-08	5.36E-09	1.40E-08	1.40E-07
2293	495261.06	3859951.99	2.01E-04	2.32E-04	1.06E-04	6.97E-08	2.10E-07	1.22E-07	1.41E-07	1.28E-07	5.82E-08	2.66E-08	2.33E-09	5.62E-08	1.24E-08	1.91E-08	3.03E-08	5.34E-09	1.40E-08	1.40E-07
2294	495311.06	3859951.99	2.01E-04	2.32E-04	1.06E-04	6.95E-08	2.10E-07	1.21E-07	1.40E-07	1.27E-07	5.80E-08	2.65E-08	2.32E-09	5.60E-08	1.24E-08	1.91E-08	3.02E-08	5.33E-09	1.39E-08	1.39E-07
2295	495361.06	3859951.99	2.00E-04	2.31E-04	1.06E-04	6.93E-08	2.09E-07	1.21E-07	1.40E-07	1.27E-07	5.79E-08	2.65E-08	2.31E-09	5.59E-08	1.23E-08	1.90E-08	3.01E-08	5.31E-09	1.39E-08	1.39E-07
2296	495411.06	3859951.99	1.99E-04	2.30E-04	1.05E-04	6.90E-08	2.08E-07	1.21E-07	1.39E-07	1.26E-07	5.77E-08	2.64E-08	2.30E-09	5.57E-08	1.23E-08	1.89E-08	3.00E-08	5.29E-09	1.38E-08	1.38E-07
2297	495461.06	3859951.99	1.98E-04	2.29E-04	1.05E-04	6.88E-08	2.08E-07	1.20E-07	1.39E-07	1.26E-07	5.75E-08	2.63E-08	2.30E-09	5.55E-08	1.22E-08	1.89E-08	2.99E-08	5.27E-09	1.38E-08	1.38E-07
2298	495511.06	3859951.99	1.98E-04	2.28E-04	1.04E-04	6.85E-08	2.07E-07	1.20E-07	1.38E-07	1.25E-07	5.72E-08	2.62E-08	2.29E-09	5.53E-08	1.22E-08	1.88E-08	2.98E-08	5.25E-09	1.37E-08	1.37E-07
2299	495561.06	3859951.99	1.97E-04	2.28E-04	1.04E-04	6.84E-08	2.06E-07	1.20E-07	1.38E-07	1.25E-07	5.71E-08	2.61E-08	2.28E-09	5.52E-08	1.22E-08	1.87E-08	2.97E-08	5.24E-09	1.37E-08	1.37E-07
2300	495611.06	3859951.99	1.97E-04	2.27E-04	1.04E-04	6.81E-08	2.06E-07	1.19E-07	1.38E-07	1.25E-07	5.69E-08	2.60E-08	2.28E-09	5.50E-08	1.21E-08	1.87E-08	2.96E-08	5.22E-09	1.37E-08	1.37E-07
2301	495661.06	3859951.99	1.96E-04	2.26E-04	1.03E-04	6.79E-08	2.05E-07	1.19E-07	1.37E-07	1.24E-07	5.67E-08	2.59E-08	2.27E-09	5.47E-08	1.21E-08	1.86E-08	2.95E-08	5.20E-09	1.36E-08	1.36E-07
2302	494311.06	3860001.99	2.13E-04	2.47E-04	1.13E-04	7.39E-08	2.23E-07	1.29E-07	1.49E-07	1.35E-07	6.18E-08	2.82E-08	2.47E-09	5.96E-08	1.32E-08	2.03E-08	3.22E-08	5.67E-09	1.48E-08	1.48E-07
2303	494361.06	3860001.99	2.12E-04	2.46E-04	1.12E-04	7.36E-08	2.22E-07	1.29E-07	1.49E-07	1.35E-07	6.15E-08	2.81E-08	2.46E-09	5.94E-08	1.31E-08	2.02E-08	3.20E-08	5.65E-09	1.47E-08	1.48E-07
2304	494411.06	3860001.99	2.12E-04	2.45E-04	1.12E-04	7.34E-08	2.22E-07	1.28E-07	1.48E-07	1.34E-07	6.13E-08	2.80E-08	2.45E-09	5.92E-08	1.31E-08	2.01E-08	3.19E-08	5.63E-09	1.47E-08	1.47E-07
2305	494461.06	3860001.99	2.11E-04	2.44E-04	1.11E-04	7.31E-08	2.21E-07	1.28E-07	1.48E-07	1.34E-07	6.11E-08	2.79E-08	2.44E-09	5.90E-08	1.30E-08	2.00E-08	3.18E-08	5.61E-09	1.46E-08	1.47E-07
2306	494511.06	3860001.99	2.10E-04	2.43E-04	1.11E-04	7.28E-08	2.20E-07	1.27E-07	1.47E-07	1.33E-07	6.09E-08	2.78E-08	2.43E-09	5.87E-08	1.30E-08	2.00E-08	3.17E-08	5.58E-09	1.46E-08	1.46E-07
2307	494561.06	3860001.99	2.09E-04	2.42E-04	1.11E-04	7.26E-08	2.19E-07	1.27E-07	1.47E-07	1.33E-07	6.06E-08	2.77E-08	2.42E-09	5.85E-08	1.29E-08	1.99E-08	3.16E-08	5.57E-09	1.45E-08	1.45E-07
2308	494611.06	3860001.99	2.09E-04	2.41E-04	1.10E-04	7.23E-08	2.18E-07	1.26E-07	1.46E-07	1.32E-07	6.04E-08	2.76E-08	2.42E-09	5.83E-08	1.29E-08	1.98E-08	3.15E-08	5.55E-09	1.45E-08	1.45E-07
2309	494661.06	3860001.99	2.08E-04	2.40E-04	1.10E-04	7.21E-08	2.18E-07	1.26E-07	1.46E-07	1.32E-07	6.02E-08	2.75E-08	2.41E-09	5.81E-08	1.28E-08	1.98E-08	3.14E-08	5.53E-09	1.44E-08	1.44E-07
2310	494711.06	3860001.99	2.06E-04	2.39E-04	1.09E-04	7.15E-08	2.16E-07	1.25E-07	1.44E-07	1.31E-07	5.98E-08	2.73E-08	2.39E-09	5.77E-08	1.27E-08	1.96E-08	3.11E-08	5.48E-09	1.43E-08	1.43E-07
2311	494761.06	3860001.99	2.06E-04	2.39E-04	1.09E-04	7.16E-08	2.16E-07	1.25E-07	1.45E-07	1.31E-07	5.98E-08	2.73E-08	2.39E-09	5.77E-08	1.27E-08	1.96E-08	3.11E-08	5.49E-09	1.43E-08	1.43E-07
2312	494811.06	3860001.99	2.06E-04	2.38E-04	1.09E-04	7.13E-08	2.15E-07	1.25E-07	1.44E-07	1.31E-07	5.96E-08	2.72E-08	2.38E-09	5.75E-08	1.27E-08	1.96E-08	3.10E-08	5.47E-09	1.43E-08	1.43E-07
2313	494861.06	3860001.99	2.05E-04	2.37E-04	1.08E-04	7.11E-08	2.15E-07	1.24E-07	1.44E-07	1.30E-07	5.94E-08	2.71E-08	2.37E-09	5.73E-08	1.27E-08	1.95E-08	3.09E-08	5.45E-09	1.42E-08	1.42E-07
2314	494911.06	3860001.99	2.03E-04	2.35E-04	1.07E-04	7.05E-08	2.13E-07	1.23E-07	1.42E-07	1.29E-07	5.89E-08	2.69E-08	2.35E-09	5.69E-08	1.26E-08	1.93E-08	3.07E-08	5.41E-09	1.41E-08	1.41E-07
2315	494961.06	3860001.99	2.03E-04	2.34E-04	1.07E-04	7.03E-08	2.12E-07	1.23E-07	1.42E-07	1.29E-07	5.87E-08	2.68E-08	2.35E-09	5.67E-08	1.25E-08	1.93E-08	3.06E-08	5.39E-09	1.41E-08	1.41E-07
2316	495011.06	3860001.99	2.02E-04	2.33E-04	1.07E-04	7.00E-08	2.11E-07	1.22E-07	1.41E-07	1.28E-07	5.85E-08	2.67E-08	2.34E-09	5.65E-08	1.25E-08	1.92E-08	3.05E-08	5.37E-09	1.40E-08	1.40E-07
2317	495061.06	3860001.99	2.01E-04	2.33E-04	1.06E-04	6.98E-08	2.11E-07	1.22E-07	1.41E-07	1.28E-07	5.83E-08	2.67E-08	2.33E-09	5.63E-08	1.24E-08	1.91E-08	3.04E-08	5.35E-09	1.40E-08	1.40E-07
2318	495111.06	3860001.99	2.01E-04	2.32E-04	1.06E-04	6.95E-08	2.10E-07	1.22E-07	1.40E-07	1.27E-07	5.81E-08	2.65E-08	2.32E-09	5.61E-08	1.24E-08	1.91E-08	3.03E-08	5.33E-09	1.39E-08	1.39E-07
2319	495161.06	3860001.99	2.00E-04	2.31E-04	1.06E-04	6.93E-08	2.09E-07	1.21E-07	1.40E-07	1.27E-07	5.79E-08	2.64E-08	2.31E-09	5.59E-08	1.23E-08	1.90E-08	3.01E-08	5.31E-09	1.39E-08	1.39E-07
2320	495211.06	3860001.99	1.99E-04	2.30E-04	1.05E-04	6.91E-08	2.09E-07	1.21E-07	1.40E-07	1.26E-07	5.77E-08	2.64E-08	2.31E-09	5.57E-08	1.23E-08	1.89E-08	3.00E-08	5.30E-09	1.38E-08	1.38E-07
2321	495261.06	3860001.99	1.99E-04	2.29E-04	1.05E-04	6.88E-08	2.08E-07	1.20E-07	1.39E-07	1.26E-07	5.75E-08	2.63E-08	2.30E-09	5.55E-08	1.22E-08	1.89E-08	2.99E-08	5.28E-09	1.38E-08	1.38E-07
2322	495311.06	3860001.99	1.98E-04	2.29E-04	1.05E-04	6.86E-08	2.07E-07	1.20E-07	1.39E-07	1.26E-07	5.73E-08	2.62E-08	2.29E-09	5.53E-08	1.22E-08	1.88E-08	2.98E-08	5.26E-09	1.37E-08	1.37E-07
2323	495361.06	3860001.99	1.97E-04	2.28E-04	1.04E-04	6.83E-08	2.06E-07	1.19E-07	1.38E-07	1.25E-07	5.70E-08	2.61E-08	2.28E-09	5.51E-08	1.22E-08	1.87E-08	2.97E-08	5.24E-09	1.37E-08	1.37E-07
2324	495411.06	3860001.99	1.97E-04	2.27E-04	1.04E-04	6.81E-08	2.06E-07	1.19E-07	1.38E-07	1.25E-07	5.69E-08	2.60E-08	2.28E-09	5.50E-08	1.21E-08	1.87E-08	2.96E-08	5.22E-09	1.37E-08	1.37E-07

2325	495461.06	3860001.99	1.96E-04	2.26E-04	1.03E-04	6.79E-08	2.05E-07	1.19E-07	1.37E-07	1.24E-07	5.67E-08	2.59E-08	2.27E-09	5.48E-08	1.21E-08	1.86E-08	2.95E-08	5.21E-09	1.36E-08	1.36E-07
2326	495511.06	3860001.99	1.95E-04	2.26E-04	1.03E-04	6.77E-08	2.04E-07	1.18E-07	1.37E-07	1.24E-07	5.65E-08	2.58E-08	2.26E-09	5.46E-08	1.20E-08	1.86E-08	2.94E-08	5.19E-09	1.36E-08	1.36E-07
2327	495561.06	3860001.99	1.95E-04	2.25E-04	1.03E-04	6.75E-08	2.04E-07	1.18E-07	1.36E-07	1.24E-07	5.64E-08	2.58E-08	2.25E-09	5.44E-08	1.20E-08	1.85E-08	2.94E-08	5.18E-09	1.35E-08	1.35E-07
2328	495611.06	3860001.99	1.94E-04	2.24E-04	1.03E-04	6.73E-08	2.03E-07	1.18E-07	1.36E-07	1.23E-07	5.62E-08	2.57E-08	2.25E-09	5.42E-08	1.20E-08	1.84E-08	2.93E-08	5.16E-09	1.35E-08	1.35E-07
2329	495661.06	3860001.99	1.93E-04	2.23E-04	1.02E-04	6.70E-08	2.02E-07	1.17E-07	1.35E-07	1.23E-07	5.60E-08	2.56E-08	2.24E-09	5.41E-08	1.19E-08	1.84E-08	2.91E-08	5.14E-09	1.34E-08	1.34E-07
2330	494411.06	3860051.99	2.09E-04	2.41E-04	1.10E-04	7.23E-08	2.18E-07	1.26E-07	1.46E-07	1.32E-07	6.04E-08	2.76E-08	2.41E-09	5.83E-08	1.29E-08	1.98E-08	3.15E-08	5.54E-09	1.45E-08	1.45E-07
2331	494461.06	3860051.99	2.08E-04	2.40E-04	1.10E-04	7.21E-08	2.18E-07	1.26E-07	1.46E-07	1.32E-07	6.02E-08	2.75E-08	2.41E-09	5.81E-08	1.28E-08	1.98E-08	3.14E-08	5.53E-09	1.44E-08	1.44E-07
2332	494511.06	3860051.99	2.07E-04	2.39E-04	1.09E-04	7.18E-08	2.17E-07	1.25E-07	1.45E-07	1.31E-07	6.00E-08	2.74E-08	2.40E-09	5.79E-08	1.28E-08	1.97E-08	3.12E-08	5.50E-09	1.44E-08	1.44E-07
2333	494561.06	3860051.99	2.06E-04	2.39E-04	1.09E-04	7.15E-08	2.16E-07	1.25E-07	1.45E-07	1.31E-07	5.98E-08	2.73E-08	2.39E-09	5.77E-08	1.27E-08	1.96E-08	3.11E-08	5.49E-09	1.43E-08	1.43E-07
2334	494611.06	3860051.99	2.06E-04	2.38E-04	1.09E-04	7.13E-08	2.15E-07	1.25E-07	1.44E-07	1.31E-07	5.96E-08	2.72E-08	2.38E-09	5.75E-08	1.27E-08	1.96E-08	3.10E-08	5.47E-09	1.43E-08	1.43E-07
2335	494661.06	3860051.99	2.05E-04	2.37E-04	1.08E-04	7.10E-08	2.14E-07	1.24E-07	1.43E-07	1.30E-07	5.93E-08	2.71E-08	2.37E-09	5.73E-08	1.26E-08	1.95E-08	3.09E-08	5.45E-09	1.42E-08	1.42E-07
2336	494711.06	3860051.99	2.04E-04	2.36E-04	1.08E-04	7.08E-08	2.14E-07	1.24E-07	1.43E-07	1.30E-07	5.91E-08	2.70E-08	2.36E-09	5.71E-08	1.26E-08	1.94E-08	3.08E-08	5.43E-09	1.42E-08	1.42E-07
2337	494761.06	3860051.99	2.04E-04	2.35E-04	1.07E-04	7.05E-08	2.13E-07	1.23E-07	1.42E-07	1.29E-07	5.89E-08	2.69E-08	2.36E-09	5.69E-08	1.26E-08	1.93E-08	3.07E-08	5.41E-09	1.41E-08	1.41E-07
2338	494811.06	3860051.99	2.03E-04	2.34E-04	1.07E-04	7.03E-08	2.12E-07	1.23E-07	1.42E-07	1.29E-07	5.87E-08	2.68E-08	2.35E-09	5.67E-08	1.25E-08	1.93E-08	3.06E-08	5.39E-09	1.41E-08	1.41E-07
2339	494861.06	3860051.99	2.02E-04	2.34E-04	1.07E-04	7.00E-08	2.12E-07	1.22E-07	1.41E-07	1.28E-07	5.85E-08	2.67E-08	2.34E-09	5.65E-08	1.25E-08	1.92E-08	3.05E-08	5.37E-09	1.40E-08	1.40E-07
2340	494911.06	3860051.99	2.01E-04	2.33E-04	1.06E-04	6.98E-08	2.11E-07	1.22E-07	1.41E-07	1.28E-07	5.83E-08	2.66E-08	2.33E-09	5.63E-08	1.24E-08	1.91E-08	3.04E-08	5.35E-09	1.40E-08	1.40E-07
2341	494961.06	3860051.99	2.01E-04	2.32E-04	1.06E-04	6.96E-08	2.10E-07	1.22E-07	1.41E-07	1.27E-07	5.81E-08	2.65E-08	2.32E-09	5.61E-08	1.24E-08	1.91E-08	3.03E-08	5.33E-09	1.39E-08	1.39E-07
2342	495011.06	3860051.99	2.00E-04	2.31E-04	1.06E-04	6.93E-08	2.09E-07	1.21E-07	1.40E-07	1.27E-07	5.79E-08	2.65E-08	2.32E-09	5.59E-08	1.23E-08	1.90E-08	3.02E-08	5.32E-09	1.39E-08	1.39E-07
2343	495061.06	3860051.99	1.99E-04	2.30E-04	1.05E-04	6.91E-08	2.09E-07	1.21E-07	1.40E-07	1.27E-07	5.77E-08	2.64E-08	2.31E-09	5.57E-08	1.23E-08	1.90E-08	3.01E-08	5.30E-09	1.38E-08	1.39E-07
2344	495111.06	3860051.99	1.99E-04	2.30E-04	1.05E-04	6.89E-08	2.08E-07	1.20E-07	1.39E-07	1.26E-07	5.75E-08	2.63E-08	2.30E-09	5.56E-08	1.23E-08	1.89E-08	3.00E-08	5.28E-09	1.38E-08	1.38E-07
2345	495161.06	3860051.99	1.97E-04	2.28E-04	1.04E-04	6.84E-08	2.07E-07	1.20E-07	1.38E-07	1.25E-07	5.71E-08	2.61E-08	2.28E-09	5.52E-08	1.22E-08	1.88E-08	2.98E-08	5.24E-09	1.37E-08	1.37E-07
2346	495211.06	3860051.99	1.97E-04	2.27E-04	1.04E-04	6.81E-08	2.06E-07	1.19E-07	1.38E-07	1.25E-07	5.69E-08	2.60E-08	2.27E-09	5.50E-08	1.21E-08	1.87E-08	2.96E-08	5.22E-09	1.36E-08	1.37E-07
2347	495261.06	3860051.99	1.96E-04	2.26E-04	1.03E-04	6.79E-08	2.05E-07	1.19E-07	1.37E-07	1.24E-07	5.67E-08	2.59E-08	2.27E-09	5.48E-08	1.21E-08	1.86E-08	2.95E-08	5.21E-09	1.36E-08	1.36E-07
2348	495311.06	3860051.99	1.95E-04	2.26E-04	1.03E-04	6.77E-08	2.04E-07	1.18E-07	1.37E-07	1.24E-07	5.66E-08	2.58E-08	2.26E-09	5.46E-08	1.21E-08	1.86E-08	2.95E-08	5.19E-09	1.36E-08	1.36E-07
2349	495361.06	3860051.99	1.95E-04	2.25E-04	1.03E-04	6.75E-08	2.04E-07	1.18E-07	1.36E-07	1.24E-07	5.64E-08	2.58E-08	2.25E-09	5.44E-08	1.20E-08	1.85E-08	2.94E-08	5.18E-09	1.35E-08	1.35E-07
2350	495411.06	3860051.99	1.94E-04	2.24E-04	1.02E-04	6.73E-08	2.03E-07	1.18E-07	1.36E-07	1.23E-07	5.62E-08	2.57E-08	2.25E-09	5.43E-08	1.20E-08	1.84E-08	2.93E-08	5.16E-09	1.35E-08	1.35E-07
2351	495461.06	3860051.99	1.93E-04	2.23E-04	1.02E-04	6.70E-08	2.02E-07	1.17E-07	1.35E-07	1.23E-07	5.60E-08	2.56E-08	2.24E-09	5.41E-08	1.19E-08	1.84E-08	2.92E-08	5.14E-09	1.34E-08	1.34E-07
2352	495511.06	3860051.99	1.93E-04	2.23E-04	1.02E-04	6.68E-08	2.02E-07	1.17E-07	1.35E-07	1.22E-07	5.58E-08	2.55E-08	2.23E-09	5.39E-08	1.19E-08	1.83E-08	2.91E-08	5.12E-09	1.34E-08	1.34E-07
2353	495561.06	3860051.99	1.92E-04	2.22E-04	1.02E-04	6.66E-08	2.01E-07	1.16E-07	1.35E-07	1.22E-07	5.57E-08	2.54E-08	2.22E-09	5.37E-08	1.19E-08	1.83E-08	2.90E-08	5.11E-09	1.33E-08	1.34E-07
2354	495611.06	3860051.99	1.92E-04	2.21E-04	1.01E-04	6.64E-08	2.00E-07	1.16E-07	1.34E-07	1.22E-07	5.55E-08	2.53E-08	2.22E-09	5.36E-08	1.18E-08	1.82E-08	2.89E-08	5.09E-09	1.33E-08	1.33E-07
2355	495661.06	3860051.99	1.91E-04	2.21E-04	1.01E-04	6.61E-08	2.00E-07	1.16E-07	1.34E-07	1.21E-07	5.53E-08	2.53E-08	2.21E-09	5.33E-08	1.18E-08	1.81E-08	2.88E-08	5.07E-09	1.33E-08	1.33E-07
2356	494411.06	3860101.99	2.06E-04	2.38E-04	1.08E-04	7.13E-08	2.15E-07	1.25E-07	1.44E-07	1.31E-07	5.96E-08	2.72E-08	2.38E-09	5.75E-08	1.27E-08	1.96E-08	3.10E-08	5.47E-09	1.43E-08	1.43E-07
2357	494461.06	3860101.99	2.05E-04	2.37E-04	1.08E-04	7.10E-08	2.14E-07	1.24E-07	1.43E-07	1.30E-07	5.93E-08	2.71E-08	2.37E-09	5.73E-08	1.26E-08	1.95E-08	3.09E-08	5.45E-09	1.42E-08	1.42E-07
2358	494511.06	3860101.99	2.04E-04	2.36E-04	1.08E-04	7.08E-08	2.14E-07	1.24E-07	1.43E-07	1.30E-07	5.91E-08	2.70E-08	2.36E-09	5.71E-08	1.26E-08	1.94E-08	3.08E-08	5.43E-09	1.42E-08	1.42E-07
2359	494561.06	3860101.99	2.03E-04	2.35E-04	1.07E-04	7.05E-08	2.13E-07	1.23E-07	1.42E-07	1.29E-07	5.89E-08	2.69E-08	2.35E-09	5.69E-08	1.26E-08	1.93E-08	3.07E-08	5.41E-09	1.41E-08	1.41E-07
2360	494611.06	3860101.99	2.03E-04	2.34E-04	1.07E-04	7.03E-08	2.12E-07	1.23E-07	1.42E-07	1.29E-07	5.87E-08	2.68E-08	2.35E-09	5.67E-08	1.25E-08	1.93E-08	3.06E-08	5.39E-09	1.41E-08	1.41E-07
2361	494661.06	3860101.99	2.02E-04	2.33E-04	1.07E-04	7.00E-08	2.11E-07	1.22E-07	1.41E-07	1.28E-07	5.85E-08	2.67E-08	2.34E-09	5.65E-08	1.25E-08	1.92E-08	3.05E-08	5.37E-09	1.40E-08	1.40E-07
2362	494711.06	3860101.99	2.01E-04	2.33E-04	1.06E-04	6.98E-08	2.11E-07	1.22E-07	1.41E-07	1.28E-07	5.83E-08	2.66E-08	2.33E-09	5.63E-08	1.24E-08	1.91E-08	3.04E-08	5.35E-09	1.40E-08	1.40E-07
2363	494761.06	3860101.99	2.01E-04	2.32E-04	1.06E-04	6.95E-08	2.10E-07	1.22E-07	1.40E-07	1.27E-07	5.81E-08	2.65E-08	2.32E-09	5.61E-08	1.24E-08	1.91E-08	3.02E-08	5.33E-09	1.39E-08	1.39E-07
2364	494811.06	3860101.99	2.00E-04	2.31E-04	1.05E-04	6.93E-08	2.09E-07	1.21E-07	1.40E-07	1.27E-07	5.79E-08	2.64E-08	2.31E-09	5.59E-08	1.23E-08	1.90E-08	3.01E-08	5.31E-09	1.39E-08	1.39E-07
2365	494861.06	3860101.99	1.99E-04	2.30E-04	1.05E-04	6.90E-08	2.08E-07	1.21E-07	1.39E-07	1.26E-07	5.76E-08	2.63E-08	2.30E-09	5.56E-08	1.23E-08	1.89E-08	3.00E-08	5.29E-09	1.38E-08	1.38E-07
2366	494911.06	3860101.99	1.99E-04	2.29E-04	1.05E-04	6.88E-08	2.08E-07	1.20E-07	1.39E-07	1.26E-07	5.75E-08	2.62E-08	2.30E-09	5.55E-08	1.22E-08	1.89E-08	2.99E-08	5.28E-09	1.38E-08	1.38E-07
2367	494961.06	3860101.99	1.98E-04	2.29E-04	1.04E-04	6.86E-08	2.07E-07	1.20E-07	1.39E-07	1.26E-07	5.73E-08	2.62E-08	2.29E-09	5.53E-08	1.22E-08	1.88E-08	2.98E-08	5.26E-09	1.37E-08	1.37E-07
2368	495011.06	3860101.99	1.97E-04	2.28E-04	1.04E-04	6.83E-08	2.06E-07	1.19E-07	1.38E-07	1.25E-07	5.71E-08	2.61E-08	2.28E-09	5.51E-08	1.22E-08	1.87E-08	2.97E-08	5.24E-09	1.37E-08	1.37E-07
2369	495061.06	3860101.99	1.97E-04	2.27E-04	1.04E-04	6.81E-08	2.06E-07	1.19E-07	1.38E-07	1.25E-07	5.69E-08	2.60E-08	2.27E-09	5.49E-08	1.21E-08	1.87E-08	2.96E-08	5.22E-09	1.36E-08	1.37E-07
2370	495111.06	3860101.99	1.96E-04	2.26E-04	1.03E-04	6.79E-08	2.05E-07	1.19E-07	1.37E-07	1.24E-07	5.67E-08	2.59E-08	2.27E-09	5.48E-08	1.21E-08	1.86E-08	2.95E-08	5.21E-09	1.36E-08	1.36E-07
2371	495161.06	3860101.99	1.95E-04	2.26E-04	1.03E-04	6.77E-08	2.04E-07	1.18E-07	1.37E-07	1.24E-07	5.65E-08	2.58E-08	2.26E-09	5.46E-08	1.20E-08	1.86E-08	2.94E-08	5.19E-09	1.35E-08	1.36E-07
2372	495211.06	3860101.99	1.95E-04	2.25E-04	1.03E-04	6.75E-08	2.04E-07	1.18E-07	1.36E-07	1.24E-07	5.64E-08	2.57E-08	2.25E-09	5.44E-08	1.20E-08	1.85E-08	2.93E-08	5.17E-09	1.35E-08	1.35E-07
2373	495261.06	3860101.99	1.94E-04	2.24E-04	1.02E-04	6.72E-08	2.03E-07	1.18E-07	1.36E-07	1.23E-07	5.62E-08	2.57E-08	2.25E-09	5.42E-08	1.20E-08	1.84E-08	2.93E-08	5.16E-09	1.35E-08	1.35E-07
2374	495311.06	3860101.99	1.93E-04	2.23E-04	1.02E-04	6.70E-08	2.02E-07	1.17E-07	1.35E-07	1.23E-07	5.60E-08	2.56E-08	2.24E-09	5.41E-08	1.19E-08	1.84E-08	2.92E-08	5.14E-09	1.34E-08	1.34E-07
2375	495361.06	3860101.99	1.93E-04	2.23E-04	1.02E-04	6.68E-08	2.02E-07	1.17E-07	1.35E-07	1.22E-07	5.58E-08	2.55E-08	2.23E-09	5.39E-08	1.19E-08	1.83E-08	2.91E-08	5.12E-09	1.34E-08	1.34E-07
2376	495411.06	3860101.99	1.92E-04	2.22E-04	1.01E-04	6.66E-08	2.01E-07	1.16E-07	1.35E-07	1.22E-07	5.57E-08	2.54E-08	2.22E-09	5.37E-08	1.19E-08	1.83E-08	2.90E-08	5.11E-09	1.33E-08	1.33E-07
2377	495461.06	3860101.99	1.91E-04	2.21E-04	1.01E-04	6.62E-08	2.00E-07	1.16E-07	1.34E-07	1.21E-07	5.53E-08	2.52E-08	2.21E-09	5.34E-08	1.18E-08	1.81E-08	2.88E-08	5.07E-09	1.32E-08	1.33E-07

2378	495511.06	3860101.99	1.90E-04	2.20E-04	1.00E-04	6.60E-08	1.99E-07	1.15E-07	1.33E-07	1.21E-07	5.51E-08	2.52E-08	2.20E-09	5.32E-08	1.17E-08	1.81E-08	2.87E-08	5.06E-09	1.32E-08	1.32E-07
2379	495561.06	3860101.99	1.90E-04	2.19E-04	1.00E-04	6.58E-08	1.99E-07	1.15E-07	1.33E-07	1.20E-07	5.50E-08	2.51E-08	2.20E-09	5.31E-08	1.17E-08	1.80E-08	2.86E-08	5.04E-09	1.32E-08	1.32E-07
2380	495611.06	3860101.99	1.89E-04	2.18E-04	9.98E-05	6.55E-08	1.98E-07	1.15E-07	1.32E-07	1.20E-07	5.47E-08	2.50E-08	2.19E-09	5.28E-08	1.17E-08	1.80E-08	2.85E-08	5.02E-09	1.31E-08	1.31E-07
2381	495661.06	3860101.99	1.88E-04	2.18E-04	9.95E-05	6.53E-08	1.97E-07	1.14E-07	1.32E-07	1.20E-07	5.46E-08	2.49E-08	2.18E-09	5.27E-08	1.16E-08	1.79E-08	2.84E-08	5.01E-09	1.31E-08	1.31E-07
2382	494861.06	3860151.99	1.96E-04	2.26E-04	1.03E-04	6.79E-08	2.05E-07	1.19E-07	1.37E-07	1.24E-07	5.67E-08	2.59E-08	2.27E-09	5.48E-08	1.21E-08	1.86E-08	2.95E-08	5.21E-09	1.36E-08	1.36E-07
2383	494911.06	3860151.99	1.96E-04	2.26E-04	1.03E-04	6.78E-08	2.05E-07	1.18E-07	1.37E-07	1.24E-07	5.66E-08	2.58E-08	2.26E-09	5.47E-08	1.21E-08	1.86E-08	2.95E-08	5.20E-09	1.36E-08	1.36E-07
2384	494961.06	3860151.99	1.95E-04	2.25E-04	1.03E-04	6.76E-08	2.04E-07	1.18E-07	1.37E-07	1.24E-07	5.65E-08	2.58E-08	2.26E-09	5.45E-08	1.20E-08	1.85E-08	2.94E-08	5.18E-09	1.35E-08	1.35E-07
2385	495011.06	3860151.99	1.94E-04	2.25E-04	1.03E-04	6.74E-08	2.03E-07	1.18E-07	1.36E-07	1.23E-07	5.63E-08	2.57E-08	2.25E-09	5.43E-08	1.20E-08	1.85E-08	2.93E-08	5.16E-09	1.35E-08	1.35E-07
2386	495061.06	3860151.99	1.94E-04	2.24E-04	1.02E-04	6.71E-08	2.03E-07	1.17E-07	1.36E-07	1.23E-07	5.61E-08	2.56E-08	2.24E-09	5.42E-08	1.20E-08	1.84E-08	2.92E-08	5.15E-09	1.34E-08	1.35E-07
2387	495111.06	3860151.99	1.93E-04	2.23E-04	1.02E-04	6.69E-08	2.02E-07	1.17E-07	1.35E-07	1.23E-07	5.59E-08	2.55E-08	2.23E-09	5.40E-08	1.19E-08	1.84E-08	2.91E-08	5.13E-09	1.34E-08	1.34E-07
2388	495161.06	3860151.99	1.92E-04	2.22E-04	1.02E-04	6.67E-08	2.01E-07	1.17E-07	1.35E-07	1.22E-07	5.57E-08	2.54E-08	2.23E-09	5.38E-08	1.19E-08	1.83E-08	2.90E-08	5.11E-09	1.34E-08	1.34E-07
2389	495211.06	3860151.99	1.92E-04	2.22E-04	1.01E-04	6.65E-08	2.01E-07	1.16E-07	1.34E-07	1.22E-07	5.56E-08	2.54E-08	2.22E-09	5.36E-08	1.18E-08	1.82E-08	2.89E-08	5.10E-09	1.33E-08	1.33E-07
2390	495261.06	3860151.99	1.91E-04	2.21E-04	1.01E-04	6.63E-08	2.00E-07	1.16E-07	1.34E-07	1.21E-07	5.54E-08	2.53E-08	2.21E-09	5.35E-08	1.18E-08	1.82E-08	2.88E-08	5.08E-09	1.33E-08	1.33E-07
2391	495311.06	3860151.99	1.91E-04	2.20E-04	1.01E-04	6.61E-08	1.99E-07	1.15E-07	1.33E-07	1.21E-07	5.52E-08	2.52E-08	2.21E-09	5.33E-08	1.18E-08	1.81E-08	2.87E-08	5.07E-09	1.32E-08	1.32E-07
2392	495361.06	3860151.99	1.90E-04	2.20E-04	1.00E-04	6.59E-08	1.99E-07	1.15E-07	1.33E-07	1.21E-07	5.50E-08	2.51E-08	2.20E-09	5.31E-08	1.17E-08	1.81E-08	2.87E-08	5.05E-09	1.32E-08	1.32E-07
2393	495411.06	3860151.99	1.89E-04	2.19E-04	9.99E-05	6.57E-08	1.98E-07	1.15E-07	1.33E-07	1.20E-07	5.49E-08	2.50E-08	2.19E-09	5.30E-08	1.17E-08	1.80E-08	2.86E-08	5.03E-09	1.31E-08	1.32E-07
2394	495461.06	3860151.99	1.89E-04	2.18E-04	9.96E-05	6.54E-08	1.98E-07	1.14E-07	1.32E-07	1.20E-07	5.47E-08	2.50E-08	2.19E-09	5.28E-08	1.16E-08	1.79E-08	2.85E-08	5.02E-09	1.31E-08	1.31E-07
2395	495511.06	3860151.99	1.88E-04	2.18E-04	9.93E-05	6.52E-08	1.97E-07	1.14E-07	1.32E-07	1.19E-07	5.45E-08	2.49E-08	2.18E-09	5.26E-08	1.16E-08	1.79E-08	2.84E-08	5.00E-09	1.31E-08	1.31E-07
2396	495561.06	3860151.99	1.88E-04	2.17E-04	9.90E-05	6.51E-08	1.96E-07	1.14E-07	1.31E-07	1.19E-07	5.44E-08	2.48E-08	2.17E-09	5.25E-08	1.16E-08	1.78E-08	2.83E-08	4.99E-09	1.30E-08	1.30E-07
2397	495611.06	3860151.99	1.87E-04	2.16E-04	9.88E-05	6.49E-08	1.96E-07	1.13E-07	1.31E-07	1.19E-07	5.42E-08	2.47E-08	2.17E-09	5.23E-08	1.15E-08	1.78E-08	2.82E-08	4.97E-09	1.30E-08	1.30E-07
2398	495661.06	3860151.99	1.87E-04	2.16E-04	9.85E-05	6.47E-08	1.95E-07	1.13E-07	1.31E-07	1.18E-07	5.40E-08	2.47E-08	2.16E-09	5.22E-08	1.15E-08	1.77E-08	2.81E-08	4.96E-09	1.29E-08	1.30E-07
2399	495718.25	3859442.96	2.08E-04	2.40E-04	1.10E-04	7.19E-08	2.17E-07	1.26E-07	1.45E-07	1.32E-07	6.01E-08	2.76E-08	2.40E-09	5.80E-08	1.28E-08	1.97E-08	3.13E-08	5.51E-09	1.45E-08	1.44E-07
2400	495818.25	3859442.96	2.05E-04	2.36E-04	1.08E-04	7.09E-08	2.14E-07	1.24E-07	1.43E-07	1.30E-07	5.92E-08	2.72E-08	2.37E-09	5.72E-08	1.26E-08	1.94E-08	3.08E-08	5.43E-09	1.43E-08	1.42E-07
2401	495918.25	3859442.96	2.02E-04	2.34E-04	1.07E-04	7.02E-08	2.12E-07	1.23E-07	1.42E-07	1.28E-07	5.86E-08	2.69E-08	2.34E-09	5.66E-08	1.25E-08	1.92E-08	3.05E-08	5.38E-09	1.41E-08	1.41E-07
2402	496018.25	3859442.96	2.01E-04	2.32E-04	1.06E-04	6.96E-08	2.10E-07	1.22E-07	1.40E-07	1.27E-07	5.81E-08	2.67E-08	2.32E-09	5.61E-08	1.24E-08	1.91E-08	3.02E-08	5.33E-09	1.40E-08	1.39E-07
2403	496118.25	3859442.96	2.02E-04	2.33E-04	1.07E-04	7.00E-08	2.11E-07	1.22E-07	1.41E-07	1.28E-07	5.84E-08	2.68E-08	2.34E-09	5.64E-08	1.25E-08	1.92E-08	3.04E-08	5.36E-09	1.41E-08	1.40E-07
2404	496218.25	3859442.96	2.03E-04	2.34E-04	1.07E-04	7.02E-08	2.12E-07	1.23E-07	1.42E-07	1.28E-07	5.86E-08	2.69E-08	2.34E-09	5.66E-08	1.25E-08	1.92E-08	3.05E-08	5.38E-09	1.41E-08	1.41E-07
2405	496318.25	3859442.96	2.01E-04	2.32E-04	1.07E-04	6.97E-08	2.10E-07	1.22E-07	1.41E-07	1.28E-07	5.82E-08	2.67E-08	2.33E-09	5.62E-08	1.24E-08	1.91E-08	3.03E-08	5.34E-09	1.40E-08	1.40E-07
2406	496418.25	3859442.96	2.00E-04	2.31E-04	1.06E-04	6.92E-08	2.09E-07	1.21E-07	1.40E-07	1.27E-07	5.78E-08	2.65E-08	2.31E-09	5.58E-08	1.23E-08	1.90E-08	3.01E-08	5.30E-09	1.39E-08	1.39E-07
2407	495718.25	3859542.96	2.08E-04	2.40E-04	1.10E-04	7.19E-08	2.17E-07	1.26E-07	1.45E-07	1.32E-07	6.00E-08	2.76E-08	2.40E-09	5.80E-08	1.28E-08	1.97E-08	3.13E-08	5.51E-09	1.45E-08	1.44E-07
2408	495818.25	3859542.96	2.05E-04	2.37E-04	1.09E-04	7.12E-08	2.15E-07	1.24E-07	1.44E-07	1.30E-07	5.94E-08	2.73E-08	2.38E-09	5.74E-08	1.27E-08	1.95E-08	3.10E-08	5.45E-09	1.43E-08	1.43E-07
2409	495918.25	3859542.96	2.03E-04	2.34E-04	1.08E-04	7.03E-08	2.12E-07	1.23E-07	1.42E-07	1.29E-07	5.87E-08	2.69E-08	2.35E-09	5.67E-08	1.25E-08	1.93E-08	3.06E-08	5.39E-09	1.41E-08	1.41E-07
2410	496018.25	3859542.96	2.01E-04	2.32E-04	1.06E-04	6.95E-08	2.10E-07	1.22E-07	1.40E-07	1.27E-07	5.81E-08	2.66E-08	2.32E-09	5.61E-08	1.24E-08	1.91E-08	3.02E-08	5.33E-09	1.40E-08	1.39E-07
2411	496118.25	3859542.96	2.01E-04	2.32E-04	1.07E-04	6.97E-08	2.11E-07	1.22E-07	1.41E-07	1.28E-07	5.82E-08	2.67E-08	2.33E-09	5.62E-08	1.24E-08	1.91E-08	3.03E-08	5.34E-09	1.40E-08	1.40E-07
2412	496218.25	3859542.96	2.01E-04	2.32E-04	1.07E-04	6.97E-08	2.10E-07	1.22E-07	1.41E-07	1.28E-07	5.82E-08	2.67E-08	2.33E-09	5.62E-08	1.24E-08	1.91E-08	3.03E-08	5.34E-09	1.40E-08	1.40E-07
2413	496318.25	3859542.96	2.00E-04	2.31E-04	1.06E-04	6.94E-08	2.10E-07	1.21E-07	1.40E-07	1.27E-07	5.80E-08	2.66E-08	2.32E-09	5.60E-08	1.24E-08	1.90E-08	3.02E-08	5.32E-09	1.40E-08	1.39E-07
2414	496418.25	3859542.96	1.98E-04	2.29E-04	1.05E-04	6.87E-08	2.08E-07	1.20E-07	1.39E-07	1.26E-07	5.74E-08	2.63E-08	2.30E-09	5.54E-08	1.22E-08	1.88E-08	2.99E-08	5.27E-09	1.38E-08	1.38E-07
2415	495718.25	3859642.96	2.06E-04	2.38E-04	1.09E-04	7.14E-08	2.15E-07	1.25E-07	1.44E-07	1.31E-07	5.96E-08	2.73E-08	2.38E-09	5.76E-08	1.27E-08	1.96E-08	3.10E-08	5.47E-09	1.43E-08	1.43E-07
2416	495818.25	3859642.96	2.04E-04	2.35E-04	1.08E-04	7.06E-08	2.13E-07	1.23E-07	1.42E-07	1.29E-07	5.89E-08	2.70E-08	2.36E-09	5.69E-08	1.26E-08	1.93E-08	3.07E-08	5.41E-09	1.42E-08	1.41E-07
2417	495918.25	3859642.96	2.02E-04	2.33E-04	1.07E-04	7.00E-08	2.11E-07	1.22E-07	1.41E-07	1.28E-07	5.85E-08	2.68E-08	2.34E-09	5.65E-08	1.25E-08	1.92E-08	3.04E-08	5.36E-09	1.41E-08	1.40E-07
2418	496018.25	3859642.96	2.00E-04	2.31E-04	1.06E-04	6.93E-08	2.09E-07	1.21E-07	1.40E-07	1.27E-07	5.79E-08	2.65E-08	2.31E-09	5.59E-08	1.23E-08	1.90E-08	3.01E-08	5.31E-09	1.39E-08	1.39E-07
2419	496118.25	3859642.96	2.00E-04	2.31E-04	1.06E-04	6.94E-08	2.10E-07	1.21E-07	1.40E-07	1.27E-07	5.80E-08	2.66E-08	2.32E-09	5.60E-08	1.24E-08	1.90E-08	3.02E-08	5.32E-09	1.39E-08	1.39E-07
2420	496218.25	3859642.96	2.00E-04	2.31E-04	1.06E-04	6.93E-08	2.09E-07	1.21E-07	1.40E-07	1.27E-07	5.79E-08	2.65E-08	2.31E-09	5.59E-08	1.23E-08	1.90E-08	3.01E-08	5.31E-09	1.39E-08	1.39E-07
2421	496318.25	3859642.96	1.98E-04	2.29E-04	1.05E-04	6.87E-08	2.08E-07	1.20E-07	1.39E-07	1.26E-07	5.74E-08	2.63E-08	2.30E-09	5.55E-08	1.22E-08	1.88E-08	2.99E-08	5.27E-09	1.38E-08	1.38E-07
2422	496418.25	3859642.96	1.93E-04	2.23E-04	1.02E-04	6.70E-08	2.02E-07	1.17E-07	1.35E-07	1.23E-07	5.59E-08	2.56E-08	2.24E-09	5.40E-08	1.19E-08	1.84E-08	2.91E-08	5.13E-09	1.35E-08	1.34E-07
2423	495718.25	3859742.96	2.04E-04	2.36E-04	1.08E-04	7.07E-08	2.13E-07	1.24E-07	1.43E-07	1.29E-07	5.90E-08	2.70E-08	2.36E-09	5.70E-08	1.26E-08	1.94E-08	3.07E-08	5.42E-09	1.42E-08	1.42E-07
2424	495818.25	3859742.96	2.02E-04	2.33E-04	1.07E-04	6.99E-08	2.11E-07	1.22E-07	1.41E-07	1.28E-07	5.84E-08	2.68E-08	2.33E-09	5.64E-08	1.24E-08	1.92E-08	3.04E-08	5.36E-09	1.40E-08	1.40E-07
2425	495918.25	3859742.96	2.00E-04	2.31E-04	1.06E-04	6.93E-08	2.09E-07	1.21E-07	1.40E-07	1.27E-07	5.79E-08	2.65E-08	2.31E-09	5.59E-08	1.23E-08	1.90E-08	3.01E-08	5.31E-09	1.39E-08	1.39E-07
2426	496018.25	3859742.96	1.98E-04	2.29E-04	1.05E-04	6.86E-08	2.07E-07	1.20E-07	1.39E-07	1.26E-07	5.73E-08	2.63E-08	2.29E-09	5.53E-08	1.22E-08	1.88E-08	2.98E-08	5.26E-09	1.38E-08	1.38E-07
2427	496118.25	3859742.96	1.98E-04	2.28E-04	1.05E-04	6.85E-08	2.07E-07	1.20E-07	1.38E-07	1.25E-07	5.72E-08	2.62E-08	2.29E-09	5.53E-08	1.22E-08	1.88E-08	2.98E-08	5.25E-09	1.38E-08	1.37E-07
2428	496218.25	3859742.96	1.98E-04	2.28E-04	1.05E-04	6.85E-08	2.07E-07	1.20E-07	1.38E-07	1.25E-07	5.72E-08	2.62E-08	2.29E-09	5.53E-08	1.22E-08	1.88E-08	2.98E-08	5.25E-09	1.38E-08	1.37E-07
2429	496318.25	3859742.96	1.94E-04	2.24E-04	1.03E-04	6.73E-08	2.03E-07	1.18E-07	1.36E-07	1.23E-07	5.62E-08	2.57E-08	2.25E-09	5.42E-08	1.20E-08	1.84E-08	2.92E-08	5.15E-09	1.35E-08	1.35E-07
2430	496418.25	3859742.96	1.91E-04	2.20E-04	1.01E-04	6.61E-08	1.99E-07	1.15E-07	1.33E-07	1.21E-07	5.52E-08	2.53E-08	2.21E-09	5.33E-08	1.18E-08	1.81E-08	2.87E-08	5.06E-09	1.33E-08	1.32E-07

2431	495718.25	3859842.96	2.00E-04	2.31E-04	1.06E-04	6.94E-08	2.10E-07	1.21E-07	1.40E-07	1.27E-07	5.80E-08	2.65E-08	2.32E-09	5.60E-08	1.24E-08	1.90E-08	3.02E-08	5.32E-09	1.39E-08	1.39E-07
2432	495818.25	3859842.96	1.99E-04	2.30E-04	1.05E-04	6.89E-08	2.08E-07	1.20E-07	1.39E-07	1.26E-07	5.75E-08	2.63E-08	2.30E-09	5.56E-08	1.23E-08	1.89E-08	3.00E-08	5.28E-09	1.38E-08	1.38E-07
2433	495918.25	3859842.96	1.97E-04	2.28E-04	1.04E-04	6.83E-08	2.06E-07	1.19E-07	1.38E-07	1.25E-07	5.71E-08	2.61E-08	2.28E-09	5.51E-08	1.22E-08	1.87E-08	2.97E-08	5.24E-09	1.37E-08	1.37E-07
2434	496018.25	3859842.96	1.96E-04	2.26E-04	1.04E-04	6.79E-08	2.05E-07	1.19E-07	1.37E-07	1.24E-07	5.67E-08	2.60E-08	2.27E-09	5.48E-08	1.21E-08	1.86E-08	2.95E-08	5.20E-09	1.36E-08	1.36E-07
2435	496118.25	3859842.96	1.96E-04	2.26E-04	1.04E-04	6.78E-08	2.05E-07	1.19E-07	1.37E-07	1.24E-07	5.67E-08	2.59E-08	2.27E-09	5.47E-08	1.21E-08	1.86E-08	2.95E-08	5.20E-09	1.36E-08	1.36E-07
2436	496218.25	3859842.96	1.93E-04	2.23E-04	1.02E-04	6.69E-08	2.02E-07	1.17E-07	1.35E-07	1.22E-07	5.58E-08	2.56E-08	2.23E-09	5.39E-08	1.19E-08	1.83E-08	2.91E-08	5.12E-09	1.34E-08	1.34E-07
2437	496318.25	3859842.96	1.87E-04	2.16E-04	9.90E-05	6.48E-08	1.96E-07	1.13E-07	1.31E-07	1.19E-07	5.41E-08	2.48E-08	2.16E-09	5.23E-08	1.15E-08	1.78E-08	2.82E-08	4.97E-09	1.30E-08	1.30E-07
2438	496418.25	3859842.96	1.82E-04	2.10E-04	9.65E-05	6.31E-08	1.91E-07	1.10E-07	1.27E-07	1.16E-07	5.27E-08	2.42E-08	2.11E-09	5.09E-08	1.12E-08	1.73E-08	2.74E-08	4.84E-09	1.27E-08	1.27E-07
2439	495718.25	3859942.96	1.96E-04	2.26E-04	1.03E-04	6.78E-08	2.05E-07	1.18E-07	1.37E-07	1.24E-07	5.66E-08	2.59E-08	2.26E-09	5.47E-08	1.21E-08	1.86E-08	2.95E-08	5.20E-09	1.36E-08	1.36E-07
2440	495818.25	3859942.96	1.94E-04	2.24E-04	1.03E-04	6.73E-08	2.03E-07	1.18E-07	1.36E-07	1.23E-07	5.62E-08	2.57E-08	2.25E-09	5.43E-08	1.20E-08	1.85E-08	2.93E-08	5.16E-09	1.35E-08	1.35E-07
2441	495918.25	3859942.96	1.93E-04	2.23E-04	1.02E-04	6.69E-08	2.02E-07	1.17E-07	1.35E-07	1.22E-07	5.59E-08	2.56E-08	2.23E-09	5.40E-08	1.19E-08	1.83E-08	2.91E-08	5.13E-09	1.34E-08	1.34E-07
2442	496018.25	3859942.96	1.92E-04	2.22E-04	1.02E-04	6.67E-08	2.01E-07	1.17E-07	1.35E-07	1.22E-07	5.57E-08	2.55E-08	2.23E-09	5.38E-08	1.19E-08	1.83E-08	2.90E-08	5.11E-09	1.34E-08	1.34E-07
2443	496118.25	3859942.96	1.91E-04	2.20E-04	1.01E-04	6.60E-08	1.99E-07	1.15E-07	1.33E-07	1.21E-07	5.52E-08	2.52E-08	2.20E-09	5.33E-08	1.18E-08	1.81E-08	2.87E-08	5.06E-09	1.32E-08	1.32E-07
2444	496218.25	3859942.96	1.88E-04	2.17E-04	9.92E-05	6.50E-08	1.96E-07	1.14E-07	1.31E-07	1.19E-07	5.43E-08	2.49E-08	2.17E-09	5.24E-08	1.16E-08	1.78E-08	2.83E-08	4.98E-09	1.30E-08	1.30E-07
2445	496318.25	3859942.96	1.84E-04	2.12E-04	9.73E-05	6.37E-08	1.92E-07	1.11E-07	1.29E-07	1.17E-07	5.32E-08	2.44E-08	2.13E-09	5.14E-08	1.13E-08	1.75E-08	2.77E-08	4.88E-09	1.28E-08	1.28E-07
2446	496418.25	3859942.96	1.78E-04	2.05E-04	9.42E-05	6.16E-08	1.86E-07	1.08E-07	1.24E-07	1.13E-07	5.15E-08	2.36E-08	2.06E-09	4.97E-08	1.10E-08	1.69E-08	2.68E-08	4.72E-09	1.24E-08	1.24E-07
2447	496856.82	3858864.83	1.84E-04	2.13E-04	9.78E-05	6.38E-08	1.93E-07	1.12E-07	1.29E-07	1.17E-07	5.33E-08	2.45E-08	2.13E-09	5.15E-08	1.14E-08	1.75E-08	2.77E-08	4.89E-09	1.29E-08	1.28E-07
2448	496956.82	3858864.83	1.82E-04	2.10E-04	9.66E-05	6.30E-08	1.90E-07	1.10E-07	1.27E-07	1.15E-07	5.26E-08	2.42E-08	2.10E-09	5.08E-08	1.12E-08	1.73E-08	2.74E-08	4.83E-09	1.27E-08	1.26E-07
2449	497056.82	3858864.83	1.80E-04	2.07E-04	9.54E-05	6.22E-08	1.88E-07	1.09E-07	1.26E-07	1.14E-07	5.20E-08	2.39E-08	2.08E-09	5.02E-08	1.11E-08	1.71E-08	2.71E-08	4.77E-09	1.25E-08	1.25E-07
2450	497156.82	3858864.83	1.77E-04	2.04E-04	9.38E-05	6.12E-08	1.85E-07	1.07E-07	1.24E-07	1.12E-07	5.11E-08	2.35E-08	2.04E-09	4.94E-08	1.09E-08	1.68E-08	2.66E-08	4.69E-09	1.23E-08	1.23E-07
2451	497256.82	3858864.83	1.76E-04	2.03E-04	9.36E-05	6.10E-08	1.84E-07	1.07E-07	1.23E-07	1.12E-07	5.10E-08	2.34E-08	2.04E-09	4.92E-08	1.09E-08	1.67E-08	2.65E-08	4.68E-09	1.23E-08	1.22E-07
2452	496856.82	3858964.83	1.87E-04	2.16E-04	9.93E-05	6.48E-08	1.96E-07	1.13E-07	1.31E-07	1.19E-07	5.41E-08	2.49E-08	2.16E-09	5.23E-08	1.15E-08	1.78E-08	2.82E-08	4.96E-09	1.31E-08	1.30E-07
2453	496956.82	3858964.83	1.83E-04	2.12E-04	9.75E-05	6.36E-08	1.92E-07	1.11E-07	1.28E-07	1.16E-07	5.31E-08	2.44E-08	2.12E-09	5.13E-08	1.13E-08	1.74E-08	2.76E-08	4.87E-09	1.28E-08	1.27E-07
2454	497056.82	3858964.83	1.81E-04	2.09E-04	9.61E-05	6.27E-08	1.89E-07	1.10E-07	1.27E-07	1.15E-07	5.23E-08	2.41E-08	2.09E-09	5.06E-08	1.12E-08	1.72E-08	2.73E-08	4.80E-09	1.26E-08	1.26E-07
2455	497156.82	3858964.83	1.78E-04	2.06E-04	9.47E-05	6.18E-08	1.87E-07	1.08E-07	1.25E-07	1.13E-07	5.16E-08	2.37E-08	2.06E-09	4.99E-08	1.10E-08	1.69E-08	2.69E-08	4.73E-09	1.25E-08	1.24E-07
2456	497256.82	3858964.83	1.80E-04	2.08E-04	9.57E-05	6.25E-08	1.89E-07	1.09E-07	1.26E-07	1.14E-07	5.22E-08	2.40E-08	2.09E-09	5.04E-08	1.11E-08	1.71E-08	2.72E-08	4.79E-09	1.26E-08	1.25E-07
2457	496856.82	3859064.83	1.87E-04	2.16E-04	9.93E-05	6.48E-08	1.96E-07	1.13E-07	1.31E-07	1.19E-07	5.41E-08	2.49E-08	2.16E-09	5.23E-08	1.15E-08	1.78E-08	2.82E-08	4.97E-09	1.31E-08	1.30E-07
2458	496956.82	3859064.83	1.84E-04	2.13E-04	9.79E-05	6.39E-08	1.93E-07	1.12E-07	1.29E-07	1.17E-07	5.33E-08	2.45E-08	2.13E-09	5.15E-08	1.14E-08	1.75E-08	2.78E-08	4.89E-09	1.29E-08	1.28E-07
2459	497056.82	3859064.83	1.82E-04	2.10E-04	9.68E-05	6.32E-08	1.91E-07	1.10E-07	1.27E-07	1.16E-07	5.27E-08	2.42E-08	2.11E-09	5.09E-08	1.12E-08	1.73E-08	2.75E-08	4.84E-09	1.27E-08	1.27E-07
2460	497156.82	3859064.83	1.80E-04	2.08E-04	9.58E-05	6.25E-08	1.89E-07	1.09E-07	1.26E-07	1.14E-07	5.22E-08	2.40E-08	2.09E-09	5.04E-08	1.11E-08	1.71E-08	2.72E-08	4.79E-09	1.26E-08	1.25E-07
2461	497256.82	3859064.83	1.84E-04	2.12E-04	9.76E-05	6.37E-08	1.92E-07	1.11E-07	1.29E-07	1.17E-07	5.32E-08	2.45E-08	2.13E-09	5.14E-08	1.13E-08	1.75E-08	2.77E-08	4.88E-09	1.28E-08	1.28E-07
2462	496856.82	3859164.83	1.85E-04	2.14E-04	9.82E-05	6.41E-08	1.94E-07	1.12E-07	1.29E-07	1.17E-07	5.35E-08	2.46E-08	2.14E-09	5.17E-08	1.14E-08	1.76E-08	2.79E-08	4.91E-09	1.29E-08	1.29E-07
2463	496956.82	3859164.83	1.82E-04	2.10E-04	9.67E-05	6.31E-08	1.91E-07	1.10E-07	1.27E-07	1.15E-07	5.27E-08	2.42E-08	2.11E-09	5.09E-08	1.12E-08	1.73E-08	2.74E-08	4.83E-09	1.27E-08	1.27E-07
2464	497056.82	3859164.83	1.81E-04	2.09E-04	9.62E-05	6.28E-08	1.90E-07	1.10E-07	1.27E-07	1.15E-07	5.24E-08	2.41E-08	2.10E-09	5.07E-08	1.12E-08	1.72E-08	2.73E-08	4.81E-09	1.27E-08	1.26E-07
2465	497156.82	3859164.83	1.83E-04	2.11E-04	9.70E-05	6.33E-08	1.91E-07	1.11E-07	1.28E-07	1.16E-07	5.29E-08	2.43E-08	2.11E-09	5.11E-08	1.13E-08	1.73E-08	2.75E-08	4.85E-09	1.28E-08	1.27E-07
2466	497256.82	3859164.83	1.87E-04	2.16E-04	9.91E-05	6.47E-08	1.95E-07	1.13E-07	1.31E-07	1.18E-07	5.40E-08	2.48E-08	2.16E-09	5.22E-08	1.15E-08	1.77E-08	2.81E-08	4.96E-09	1.30E-08	1.30E-07
2467	496856.82	3859264.83	1.81E-04	2.10E-04	9.63E-05	6.29E-08	1.90E-07	1.10E-07	1.27E-07	1.15E-07	5.25E-08	2.41E-08	2.10E-09	5.07E-08	1.12E-08	1.72E-08	2.73E-08	4.82E-09	1.27E-08	1.26E-07
2468	496956.82	3859264.83	1.81E-04	2.10E-04	9.63E-05	6.29E-08	1.90E-07	1.10E-07	1.27E-07	1.15E-07	5.25E-08	2.41E-08	2.10E-09	5.07E-08	1.12E-08	1.72E-08	2.73E-08	4.82E-09	1.27E-08	1.26E-07
2469	497056.82	3859264.83	1.83E-04	2.11E-04	9.72E-05	6.35E-08	1.92E-07	1.11E-07	1.28E-07	1.16E-07	5.30E-08	2.43E-08	2.12E-09	5.12E-08	1.13E-08	1.74E-08	2.76E-08	4.86E-09	1.28E-08	1.27E-07
2470	497156.82	3859264.83	1.84E-04	2.13E-04	9.78E-05	6.39E-08	1.93E-07	1.12E-07	1.29E-07	1.17E-07	5.33E-08	2.45E-08	2.13E-09	5.15E-08	1.14E-08	1.75E-08	2.78E-08	4.89E-09	1.29E-08	1.28E-07
2471	497256.82	3859264.83	1.87E-04	2.16E-04	9.94E-05	6.49E-08	1.96E-07	1.13E-07	1.31E-07	1.19E-07	5.42E-08	2.49E-08	2.17E-09	5.24E-08	1.16E-08	1.78E-08	2.82E-08	4.97E-09	1.31E-08	1.30E-07
2472	497088.92	3858620.93	1.72E-04	1.98E-04	9.13E-05	5.95E-08	1.80E-07	1.04E-07	1.20E-07	1.09E-07	4.96E-08	2.29E-08	1.99E-09	4.80E-08	1.06E-08	1.63E-08	2.59E-08	4.56E-09	1.20E-08	1.19E-07
2473	497138.92	3858620.93	1.72E-04	1.98E-04	9.12E-05	5.95E-08	1.80E-07	1.04E-07	1.20E-07	1.09E-07	4.96E-08	2.29E-08	1.99E-09	4.80E-08	1.06E-08	1.63E-08	2.58E-08	4.55E-09	1.20E-08	1.19E-07
2474	497188.92	3858620.93	1.70E-04	1.96E-04	9.02E-05	5.88E-08	1.78E-07	1.03E-07	1.19E-07	1.08E-07	4.91E-08	2.26E-08	1.96E-09	4.74E-08	1.05E-08	1.61E-08	2.56E-08	4.50E-09	1.19E-08	1.18E-07
2475	497238.92	3858620.93	1.69E-04	1.95E-04	8.99E-05	5.86E-08	1.77E-07	1.02E-07	1.18E-07	1.07E-07	4.89E-08	2.25E-08	1.96E-09	4.73E-08	1.04E-08	1.60E-08	2.55E-08	4.49E-09	1.18E-08	1.17E-07
2476	497088.92	3858670.93	1.71E-04	1.97E-04	9.07E-05	5.91E-08	1.78E-07	1.03E-07	1.19E-07	1.08E-07	4.93E-08	2.27E-08	1.97E-09	4.77E-08	1.05E-08	1.62E-08	2.57E-08	4.53E-09	1.19E-08	1.18E-07
2477	497138.92	3858670.93	1.71E-04	1.98E-04	9.11E-05	5.94E-08	1.79E-07	1.04E-07	1.20E-07	1.09E-07	4.96E-08	2.28E-08	1.98E-09	4.79E-08	1.06E-08	1.63E-08	2.58E-08	4.55E-09	1.20E-08	1.19E-07
2478	497188.92	3858670.93	1.70E-04	1.96E-04	9.04E-05	5.89E-08	1.78E-07	1.03E-07	1.19E-07	1.08E-07	4.92E-08	2.27E-08	1.97E-09	4.75E-08	1.05E-08	1.61E-08	2.56E-08	4.51E-09	1.19E-08	1.18E-07
2479	497238.92	3858670.93	1.70E-04	1.96E-04	9.04E-05	5.89E-08	1.78E-07	1.03E-07	1.19E-07	1.08E-07	4.92E-08	2.26E-08	1.97E-09	4.75E-08	1.05E-08	1.61E-08	2.56E-08	4.51E-09	1.19E-08	1.18E-07
2480	497088.92	3858720.93	1.74E-04	2.01E-04	9.25E-05	6.03E-08	1.82E-07	1.05E-07	1.22E-07	1.10E-07	5.03E-08	2.32E-08	2.01E-09	4.87E-08	1.07E-08	1.65E-08	2.62E-08	4.62E-09	1.22E-08	1.21E-07
2481	497138.92	3858720.93	1.70E-04	1.96E-04	9.02E-05	5.88E-08	1.78E-07	1.03E-07	1.19E-07	1.08E-07	4.91E-08	2.26E-08	1.96E-09	4.74E-08	1.05E-08	1.61E-08	2.56E-08	4.50E-09	1.19E-08	1.18E-07
2482	497188.92	3858720.93	1.69E-04	1.95E-04	8.98E-05	5.86E-08	1.77E-07	1.02E-07	1.18E-07	1.07E-07	4.89E-08	2.25E-08	1.96E-09	4.72E-08	1.04E-08	1.60E-08	2.55E-08	4.49E-09	1.18E-08	1.17E-07
2483	497238.92	3858720.93	1.72E-04	1.98E-04	9.12E-05	5.95E-08	1.80E-07	1.04E-07	1.20E-07	1.09E-07	4.96E-08	2.29E-08	1.99E-09	4.80E-08	1.06E-08	1.63E-08	2.59E-08	4.56E-09	1.20E-08	1.19E-07

2484	497088.92	3858770.93	1.74E-04	2.01E-04	9.26E-05	6.04E-08	1.82E-07	1.06E-07	1.22E-07	1.11E-07	5.04E-08	2.32E-08	2.02E-09	4.87E-08	1.08E-08	1.66E-08	2.63E-08	4.63E-09	1.22E-08	1.21E-07
2485	497138.92	3858770.93	1.73E-04	1.99E-04	9.18E-05	5.99E-08	1.81E-07	1.05E-07	1.21E-07	1.10E-07	5.00E-08	2.30E-08	2.00E-09	4.83E-08	1.07E-08	1.64E-08	2.60E-08	4.59E-09	1.21E-08	1.20E-07
2486	497188.92	3858770.93	1.72E-04	1.99E-04	9.16E-05	5.97E-08	1.80E-07	1.04E-07	1.21E-07	1.09E-07	4.98E-08	2.29E-08	1.99E-09	4.82E-08	1.06E-08	1.64E-08	2.60E-08	4.57E-09	1.20E-08	1.20E-07
2487	497238.92	3858770.93	1.73E-04	2.00E-04	9.19E-05	6.00E-08	1.81E-07	1.05E-07	1.21E-07	1.10E-07	5.01E-08	2.30E-08	2.00E-09	4.84E-08	1.07E-08	1.64E-08	2.61E-08	4.59E-09	1.21E-08	1.20E-07
2488	497396.65	3858622.63	1.77E-04	2.04E-04	9.39E-05	6.12E-08	1.85E-07	1.07E-07	1.24E-07	1.12E-07	5.11E-08	2.35E-08	2.04E-09	4.94E-08	1.09E-08	1.68E-08	2.66E-08	4.69E-09	1.23E-08	1.23E-07
2489	497496.65	3858622.63	1.81E-04	2.09E-04	9.59E-05	6.26E-08	1.89E-07	1.09E-07	1.26E-07	1.15E-07	5.23E-08	2.40E-08	2.09E-09	5.05E-08	1.11E-08	1.72E-08	2.72E-08	4.80E-09	1.26E-08	1.26E-07
2490	497596.65	3858622.63	1.88E-04	2.17E-04	1.00E-04	6.53E-08	1.97E-07	1.14E-07	1.32E-07	1.19E-07	5.45E-08	2.50E-08	2.18E-09	5.26E-08	1.16E-08	1.79E-08	2.84E-08	5.00E-09	1.31E-08	1.31E-07
2491	497696.65	3858622.63	1.90E-04	2.19E-04	1.01E-04	6.58E-08	1.99E-07	1.15E-07	1.33E-07	1.20E-07	5.50E-08	2.53E-08	2.20E-09	5.31E-08	1.17E-08	1.80E-08	2.86E-08	5.04E-09	1.33E-08	1.32E-07
2492	497796.65	3858622.63	1.94E-04	2.24E-04	1.03E-04	6.73E-08	2.03E-07	1.18E-07	1.36E-07	1.23E-07	5.62E-08	2.58E-08	2.25E-09	5.43E-08	1.20E-08	1.84E-08	2.93E-08	5.16E-09	1.36E-08	1.35E-07
2493	497896.65	3858622.63	1.98E-04	2.29E-04	1.05E-04	6.88E-08	2.08E-07	1.20E-07	1.39E-07	1.26E-07	5.74E-08	2.64E-08	2.30E-09	5.55E-08	1.22E-08	1.88E-08	2.99E-08	5.27E-09	1.38E-08	1.38E-07
2494	497396.65	3858722.63	1.80E-04	2.08E-04	9.57E-05	6.24E-08	1.89E-07	1.09E-07	1.26E-07	1.14E-07	5.21E-08	2.40E-08	2.09E-09	5.04E-08	1.11E-08	1.71E-08	2.71E-08	4.78E-09	1.26E-08	1.25E-07
2495	497496.65	3858722.63	1.84E-04	2.13E-04	9.78E-05	6.38E-08	1.93E-07	1.12E-07	1.29E-07	1.17E-07	5.33E-08	2.45E-08	2.13E-09	5.15E-08	1.14E-08	1.75E-08	2.77E-08	4.89E-09	1.29E-08	1.28E-07
2496	497596.65	3858722.63	1.91E-04	2.20E-04	1.01E-04	6.62E-08	2.00E-07	1.16E-07	1.34E-07	1.21E-07	5.52E-08	2.54E-08	2.21E-09	5.34E-08	1.18E-08	1.81E-08	2.88E-08	5.07E-09	1.33E-08	1.33E-07
2497	497696.65	3858722.63	1.95E-04	2.25E-04	1.03E-04	6.74E-08	2.04E-07	1.18E-07	1.36E-07	1.23E-07	5.63E-08	2.59E-08	2.25E-09	5.44E-08	1.20E-08	1.85E-08	2.93E-08	5.16E-09	1.36E-08	1.35E-07
2498	497796.65	3858722.63	1.96E-04	2.27E-04	1.04E-04	6.80E-08	2.05E-07	1.19E-07	1.37E-07	1.25E-07	5.68E-08	2.61E-08	2.27E-09	5.49E-08	1.21E-08	1.86E-08	2.96E-08	5.21E-09	1.37E-08	1.36E-07
2499	497896.65	3858722.63	1.99E-04	2.30E-04	1.06E-04	6.90E-08	2.08E-07	1.21E-07	1.39E-07	1.26E-07	5.76E-08	2.65E-08	2.30E-09	5.57E-08	1.23E-08	1.89E-08	3.00E-08	5.29E-09	1.39E-08	1.38E-07
2500	497396.65	3858822.63	1.82E-04	2.10E-04	9.64E-05	6.29E-08	1.90E-07	1.10E-07	1.27E-07	1.15E-07	5.25E-08	2.41E-08	2.10E-09	5.07E-08	1.12E-08	1.72E-08	2.73E-08	4.82E-09	1.27E-08	1.26E-07
2501	497496.65	3858822.63	1.85E-04	2.13E-04	9.81E-05	6.41E-08	1.93E-07	1.12E-07	1.29E-07	1.17E-07	5.35E-08	2.46E-08	2.14E-09	5.17E-08	1.14E-08	1.76E-08	2.79E-08	4.91E-09	1.29E-08	1.28E-07
2502	497596.65	3858822.63	1.93E-04	2.23E-04	1.02E-04	6.69E-08	2.02E-07	1.17E-07	1.35E-07	1.22E-07	5.59E-08	2.57E-08	2.23E-09	5.40E-08	1.19E-08	1.83E-08	2.91E-08	5.13E-09	1.35E-08	1.34E-07
2503	497696.65	3858822.63	1.95E-04	2.25E-04	1.03E-04	6.76E-08	2.04E-07	1.18E-07	1.36E-07	1.24E-07	5.64E-08	2.59E-08	2.26E-09	5.45E-08	1.20E-08	1.85E-08	2.94E-08	5.18E-09	1.36E-08	1.35E-07
2504	497796.65	3858822.63	1.97E-04	2.28E-04	1.05E-04	6.83E-08	2.06E-07	1.19E-07	1.38E-07	1.25E-07	5.70E-08	2.62E-08	2.28E-09	5.51E-08	1.22E-08	1.87E-08	2.97E-08	5.23E-09	1.38E-08	1.37E-07
2505	497896.65	3858822.63	2.01E-04	2.33E-04	1.07E-04	6.98E-08	2.11E-07	1.22E-07	1.41E-07	1.28E-07	5.83E-08	2.68E-08	2.33E-09	5.63E-08	1.24E-08	1.91E-08	3.03E-08	5.35E-09	1.40E-08	1.40E-07
2506	497396.65	3858922.63	1.83E-04	2.11E-04	9.71E-05	6.34E-08	1.91E-07	1.11E-07	1.28E-07	1.16E-07	5.29E-08	2.43E-08	2.12E-09	5.11E-08	1.13E-08	1.74E-08	2.76E-08	4.86E-09	1.28E-08	1.27E-07
2507	497496.65	3858922.63	1.89E-04	2.19E-04	1.00E-04	6.56E-08	1.98E-07	1.15E-07	1.32E-07	1.20E-07	5.48E-08	2.52E-08	2.19E-09	5.29E-08	1.17E-08	1.80E-08	2.85E-08	5.03E-09	1.32E-08	1.32E-07
2508	497596.65	3858922.63	1.89E-04	2.19E-04	1.00E-04	6.56E-08	1.98E-07	1.15E-07	1.32E-07	1.20E-07	5.48E-08	2.52E-08	2.19E-09	5.29E-08	1.17E-08	1.80E-08	2.85E-08	5.03E-09	1.32E-08	1.32E-07
2509	497696.65	3858922.63	1.97E-04	2.27E-04	1.04E-04	6.82E-08	2.06E-07	1.19E-07	1.38E-07	1.25E-07	5.69E-08	2.62E-08	2.28E-09	5.50E-08	1.21E-08	1.87E-08	2.96E-08	5.22E-09	1.37E-08	1.37E-07
2510	497796.65	3858922.63	2.00E-04	2.30E-04	1.06E-04	6.92E-08	2.09E-07	1.21E-07	1.40E-07	1.27E-07	5.77E-08	2.65E-08	2.31E-09	5.58E-08	1.23E-08	1.90E-08	3.01E-08	5.30E-09	1.39E-08	1.39E-07
2511	497896.65	3858922.63	2.05E-04	2.37E-04	1.09E-04	7.11E-08	2.15E-07	1.24E-07	1.44E-07	1.30E-07	5.94E-08	2.73E-08	2.37E-09	5.73E-08	1.27E-08	1.95E-08	3.09E-08	5.45E-09	1.43E-08	1.43E-07
2512	497364.44	3858201.52	1.69E-04	1.95E-04	9.01E-05	5.86E-08	1.77E-07	1.02E-07	1.18E-07	1.07E-07	4.89E-08	2.26E-08	1.96E-09	4.73E-08	1.04E-08	1.61E-08	2.55E-08	4.49E-09	1.19E-08	1.18E-07
2513	497414.44	3858201.52	1.72E-04	1.98E-04	9.16E-05	5.96E-08	1.80E-07	1.04E-07	1.20E-07	1.09E-07	4.97E-08	2.29E-08	1.99E-09	4.81E-08	1.06E-08	1.63E-08	2.59E-08	4.56E-09	1.20E-08	1.19E-07
2514	497464.44	3858201.52	1.74E-04	2.00E-04	9.24E-05	6.02E-08	1.82E-07	1.05E-07	1.21E-07	1.10E-07	5.02E-08	2.32E-08	2.01E-09	4.85E-08	1.07E-08	1.65E-08	2.61E-08	4.61E-09	1.22E-08	1.21E-07
2515	497514.44	3858201.52	1.74E-04	2.00E-04	9.24E-05	6.01E-08	1.82E-07	1.05E-07	1.21E-07	1.10E-07	5.02E-08	2.31E-08	2.01E-09	4.85E-08	1.07E-08	1.65E-08	2.61E-08	4.61E-09	1.21E-08	1.21E-07
2516	497564.44	3858201.52	1.73E-04	1.99E-04	9.20E-05	5.99E-08	1.81E-07	1.05E-07	1.21E-07	1.10E-07	5.00E-08	2.31E-08	2.00E-09	4.83E-08	1.07E-08	1.64E-08	2.60E-08	4.59E-09	1.21E-08	1.20E-07
2517	497614.44	3858201.52	1.73E-04	2.00E-04	9.22E-05	6.00E-08	1.81E-07	1.05E-07	1.21E-07	1.10E-07	5.01E-08	2.31E-08	2.00E-09	4.84E-08	1.07E-08	1.64E-08	2.61E-08	4.60E-09	1.21E-08	1.20E-07
2518	497364.44	3858251.52	1.72E-04	1.99E-04	9.17E-05	5.97E-08	1.80E-07	1.04E-07	1.20E-07	1.09E-07	4.98E-08	2.30E-08	1.99E-09	4.81E-08	1.06E-08	1.63E-08	2.59E-08	4.57E-09	1.21E-08	1.20E-07
2519	497414.44	3858251.52	1.75E-04	2.02E-04	9.30E-05	6.05E-08	1.83E-07	1.06E-07	1.22E-07	1.11E-07	5.05E-08	2.33E-08	2.02E-09	4.88E-08	1.08E-08	1.66E-08	2.63E-08	4.64E-09	1.22E-08	1.21E-07
2520	497464.44	3858251.52	1.73E-04	2.00E-04	9.23E-05	6.01E-08	1.81E-07	1.05E-07	1.21E-07	1.10E-07	5.01E-08	2.31E-08	2.01E-09	4.84E-08	1.07E-08	1.65E-08	2.61E-08	4.60E-09	1.21E-08	1.20E-07
2521	497514.44	3858251.52	1.72E-04	1.98E-04	9.13E-05	5.94E-08	1.79E-07	1.04E-07	1.20E-07	1.09E-07	4.96E-08	2.29E-08	1.98E-09	4.79E-08	1.06E-08	1.63E-08	2.58E-08	4.55E-09	1.20E-08	1.19E-07
2522	497564.44	3858251.52	1.71E-04	1.97E-04	9.10E-05	5.93E-08	1.79E-07	1.04E-07	1.20E-07	1.08E-07	4.95E-08	2.28E-08	1.98E-09	4.78E-08	1.05E-08	1.62E-08	2.58E-08	4.54E-09	1.20E-08	1.19E-07
2523	497614.44	3858251.52	1.71E-04	1.97E-04	9.08E-05	5.91E-08	1.78E-07	1.03E-07	1.19E-07	1.08E-07	4.93E-08	2.27E-08	1.97E-09	4.77E-08	1.05E-08	1.62E-08	2.57E-08	4.53E-09	1.19E-08	1.18E-07
2524	497364.44	3858301.52	1.73E-04	1.99E-04	9.19E-05	5.99E-08	1.81E-07	1.05E-07	1.21E-07	1.09E-07	4.99E-08	2.30E-08	2.00E-09	4.83E-08	1.07E-08	1.64E-08	2.60E-08	4.58E-09	1.21E-08	1.20E-07
2525	497414.44	3858301.52	1.74E-04	2.01E-04	9.27E-05	6.04E-08	1.82E-07	1.06E-07	1.22E-07	1.10E-07	5.04E-08	2.32E-08	2.02E-09	4.87E-08	1.07E-08	1.65E-08	2.62E-08	4.62E-09	1.22E-08	1.21E-07
2526	497464.44	3858301.52	1.72E-04	1.99E-04	9.17E-05	5.97E-08	1.80E-07	1.04E-07	1.20E-07	1.09E-07	4.98E-08	2.30E-08	1.99E-09	4.82E-08	1.06E-08	1.64E-08	2.60E-08	4.57E-09	1.21E-08	1.20E-07
2527	497514.44	3858301.52	1.71E-04	1.98E-04	9.11E-05	5.93E-08	1.79E-07	1.04E-07	1.20E-07	1.08E-07	4.95E-08	2.28E-08	1.98E-09	4.78E-08	1.06E-08	1.62E-08	2.58E-08	4.54E-09	1.20E-08	1.19E-07
2528	497564.44	3858301.52	1.69E-04	1.95E-04	9.01E-05	5.86E-08	1.77E-07	1.03E-07	1.18E-07	1.07E-07	4.89E-08	2.26E-08	1.96E-09	4.73E-08	1.04E-08	1.61E-08	2.55E-08	4.49E-09	1.18E-08	1.18E-07
2529	497614.44	3858301.52	1.69E-04	1.95E-04	8.98E-05	5.85E-08	1.76E-07	1.02E-07	1.18E-07	1.07E-07	4.88E-08	2.25E-08	1.95E-09	4.71E-08	1.04E-08	1.60E-08	2.54E-08	4.48E-09	1.18E-08	1.17E-07
2530	497364.44	3858351.52	1.73E-04	2.00E-04	9.23E-05	6.01E-08	1.82E-07	1.05E-07	1.21E-07	1.10E-07	5.02E-08	2.31E-08	2.01E-09	4.85E-08	1.07E-08	1.65E-08	2.61E-08	4.60E-09	1.21E-08	1.21E-07
2531	497414.44	3858351.52	1.72E-04	1.99E-04	9.17E-05	5.97E-08	1.80E-07	1.04E-07	1.21E-07	1.09E-07	4.98E-08	2.30E-08	1.99E-09	4.82E-08	1.06E-08	1.64E-08	2.60E-08	4.57E-09	1.21E-08	1.20E-07
2532	497464.44	3858351.52	1.72E-04	1.98E-04	9.15E-05	5.96E-08	1.80E-07	1.04E-07	1.20E-07	1.09E-07	4.97E-08	2.29E-08	1.99E-09	4.81E-08	1.06E-08	1.63E-08	2.59E-08	4.56E-09	1.20E-08	1.19E-07
2533	497514.44	3858351.52	1.71E-04	1.97E-04	9.10E-05	5.93E-08	1.79E-07	1.04E-07	1.20E-07	1.08E-07	4.95E-08	2.28E-08	1.98E-09	4.78E-08	1.05E-08	1.62E-08	2.58E-08	4.54E-09	1.20E-08	1.19E-07
2534	497564.44	3858351.52	1.69E-04	1.95E-04	8.98E-05	5.85E-08	1.76E-07	1.02E-07	1.18E-07	1.07E-07	4.88E-08	2.25E-08	1.95E-09	4.71E-08	1.04E-08	1.60E-08	2.54E-08	4.48E-09	1.18E-08	1.17E-07
2535	497614.44	3858351.52	1.68E-04	1.94E-04	8.95E-05	5.83E-08	1.76E-07	1.02E-07	1.18E-07	1.07E-07	4.86E-08	2.24E-08	1.95E-09	4.70E-08	1.04E-08	1.60E-08	2.53E-08	4.46E-09	1.18E-08	1.17E-07
2536	497364.44	3858401.52	1.72E-04	1.99E-04	9.16E-05	5.97E-08	1.80E-07	1.04E-07	1.20E-07	1.09E-07	4.98E-08	2.30E-08	1.99E-09	4.81E-08	1.06E-08	1.63E-08	2.59E-08	4.57E-09	1.20E-08	1.20E-07

2537	497414.44	3858401.52	1.71E-04	1.98E-04	9.12E-05	5.94E-08	1.79E-07	1.04E-07	1.20E-07	1.09E-07	4.96E-08	2.28E-08	1.98E-09	4.79E-08	1.06E-08	1.63E-08	2.58E-08	4.55E-09	1.20E-08	1.19E-07
2538	497464.44	3858401.52	1.70E-04	1.96E-04	9.05E-05	5.90E-08	1.78E-07	1.03E-07	1.19E-07	1.08E-07	4.92E-08	2.27E-08	1.97E-09	4.76E-08	1.05E-08	1.62E-08	2.56E-08	4.52E-09	1.19E-08	1.18E-07
2539	497514.44	3858401.52	1.70E-04	1.96E-04	9.02E-05	5.88E-08	1.77E-07	1.03E-07	1.19E-07	1.07E-07	4.90E-08	2.26E-08	1.96E-09	4.74E-08	1.05E-08	1.61E-08	2.55E-08	4.50E-09	1.19E-08	1.18E-07
2540	497564.44	3858401.52	1.71E-04	1.98E-04	9.12E-05	5.94E-08	1.79E-07	1.04E-07	1.20E-07	1.09E-07	4.96E-08	2.28E-08	1.98E-09	4.79E-08	1.06E-08	1.63E-08	2.58E-08	4.55E-09	1.20E-08	1.19E-07
2541	497614.44	3858401.52	1.74E-04	2.01E-04	9.25E-05	6.03E-08	1.82E-07	1.05E-07	1.22E-07	1.10E-07	5.03E-08	2.32E-08	2.01E-09	4.86E-08	1.07E-08	1.65E-08	2.62E-08	4.61E-09	1.22E-08	1.21E-07
2542	493478.11	3860497.94	1.78E-04	2.06E-04	9.38E-05	6.17E-08	1.86E-07	1.08E-07	1.25E-07	1.13E-07	5.16E-08	2.35E-08	2.06E-09	4.98E-08	1.10E-08	1.69E-08	2.69E-08	4.73E-09	1.23E-08	1.24E-07
2543	493528.11	3860497.94	1.79E-04	2.06E-04	9.41E-05	6.19E-08	1.87E-07	1.08E-07	1.25E-07	1.13E-07	5.17E-08	2.36E-08	2.07E-09	4.99E-08	1.10E-08	1.70E-08	2.69E-08	4.75E-09	1.24E-08	1.24E-07
2544	493478.11	3860547.94	1.73E-04	2.00E-04	9.11E-05	5.99E-08	1.81E-07	1.05E-07	1.21E-07	1.10E-07	5.01E-08	2.28E-08	2.00E-09	4.84E-08	1.07E-08	1.64E-08	2.61E-08	4.60E-09	1.20E-08	1.20E-07
2545	493528.11	3860547.94	1.73E-04	2.01E-04	9.14E-05	6.01E-08	1.82E-07	1.05E-07	1.21E-07	1.10E-07	5.02E-08	2.29E-08	2.01E-09	4.85E-08	1.07E-08	1.65E-08	2.62E-08	4.61E-09	1.20E-08	1.20E-07
2546	493478.11	3860597.94	1.68E-04	1.94E-04	8.85E-05	5.82E-08	1.76E-07	1.02E-07	1.18E-07	1.07E-07	4.87E-08	2.22E-08	1.94E-09	4.70E-08	1.04E-08	1.60E-08	2.53E-08	4.47E-09	1.16E-08	1.17E-07
2547	493528.11	3860597.94	1.69E-04	1.95E-04	8.88E-05	5.84E-08	1.76E-07	1.02E-07	1.18E-07	1.07E-07	4.88E-08	2.22E-08	1.95E-09	4.71E-08	1.04E-08	1.60E-08	2.54E-08	4.48E-09	1.17E-08	1.17E-07
2548	493561.88	3860524.64	1.76E-04	2.04E-04	9.28E-05	6.11E-08	1.84E-07	1.07E-07	1.23E-07	1.12E-07	5.10E-08	2.33E-08	2.04E-09	4.93E-08	1.09E-08	1.68E-08	2.66E-08	4.68E-09	1.22E-08	1.22E-07
2549	493591.88	3860524.64	1.77E-04	2.04E-04	9.31E-05	6.12E-08	1.85E-07	1.07E-07	1.24E-07	1.12E-07	5.12E-08	2.33E-08	2.04E-09	4.94E-08	1.09E-08	1.68E-08	2.66E-08	4.69E-09	1.22E-08	1.23E-07
2550	493561.88	3860554.64	1.73E-04	2.00E-04	9.12E-05	6.00E-08	1.81E-07	1.05E-07	1.21E-07	1.10E-07	5.02E-08	2.29E-08	2.00E-09	4.84E-08	1.07E-08	1.65E-08	2.61E-08	4.60E-09	1.20E-08	1.20E-07
2551	493591.88	3860554.64	1.74E-04	2.01E-04	9.15E-05	6.02E-08	1.82E-07	1.05E-07	1.22E-07	1.10E-07	5.03E-08	2.29E-08	2.01E-09	4.86E-08	1.07E-08	1.65E-08	2.62E-08	4.62E-09	1.20E-08	1.21E-07
2552	492880.5	3860293.11	1.90E-04	2.20E-04	1.00E-04	6.60E-08	1.99E-07	1.15E-07	1.33E-07	1.21E-07	5.51E-08	2.52E-08	2.20E-09	5.32E-08	1.17E-08	1.81E-08	2.87E-08	5.06E-09	1.32E-08	1.32E-07
2553	492930.5	3860293.11	1.92E-04	2.21E-04	1.01E-04	6.64E-08	2.00E-07	1.16E-07	1.34E-07	1.22E-07	5.55E-08	2.53E-08	2.22E-09	5.36E-08	1.18E-08	1.82E-08	2.89E-08	5.09E-09	1.33E-08	1.33E-07
2554	492980.5	3860293.11	1.93E-04	2.23E-04	1.02E-04	6.68E-08	2.02E-07	1.17E-07	1.35E-07	1.22E-07	5.58E-08	2.55E-08	2.23E-09	5.39E-08	1.19E-08	1.83E-08	2.91E-08	5.12E-09	1.34E-08	1.34E-07
2555	493030.5	3860293.11	1.95E-04	2.25E-04	1.03E-04	6.75E-08	2.04E-07	1.18E-07	1.36E-07	1.24E-07	5.64E-08	2.57E-08	2.25E-09	5.45E-08	1.20E-08	1.85E-08	2.94E-08	5.18E-09	1.35E-08	1.35E-07
2556	493080.5	3860293.11	1.97E-04	2.27E-04	1.04E-04	6.82E-08	2.06E-07	1.19E-07	1.38E-07	1.25E-07	5.70E-08	2.60E-08	2.28E-09	5.50E-08	1.21E-08	1.87E-08	2.97E-08	5.23E-09	1.36E-08	1.37E-07
2557	493130.5	3860293.11	1.97E-04	2.27E-04	1.04E-04	6.81E-08	2.06E-07	1.19E-07	1.38E-07	1.25E-07	5.69E-08	2.60E-08	2.28E-09	5.50E-08	1.21E-08	1.87E-08	2.96E-08	5.23E-09	1.36E-08	1.37E-07
2558	493180.5	3860293.11	1.97E-04	2.27E-04	1.04E-04	6.81E-08	2.06E-07	1.19E-07	1.38E-07	1.25E-07	5.69E-08	2.60E-08	2.27E-09	5.49E-08	1.21E-08	1.87E-08	2.96E-08	5.22E-09	1.36E-08	1.37E-07
2559	493230.5	3860293.11	1.97E-04	2.28E-04	1.04E-04	6.83E-08	2.06E-07	1.19E-07	1.38E-07	1.25E-07	5.70E-08	2.60E-08	2.28E-09	5.51E-08	1.21E-08	1.87E-08	2.97E-08	5.23E-09	1.37E-08	1.37E-07
2560	493280.5	3860293.11	1.98E-04	2.29E-04	1.04E-04	6.86E-08	2.07E-07	1.20E-07	1.39E-07	1.26E-07	5.73E-08	2.61E-08	2.29E-09	5.53E-08	1.22E-08	1.88E-08	2.99E-08	5.26E-09	1.37E-08	1.38E-07
2561	493330.5	3860293.11	1.99E-04	2.30E-04	1.05E-04	6.88E-08	2.08E-07	1.20E-07	1.39E-07	1.26E-07	5.75E-08	2.62E-08	2.30E-09	5.55E-08	1.23E-08	1.89E-08	3.00E-08	5.28E-09	1.38E-08	1.38E-07
2562	493380.5	3860293.11	1.99E-04	2.30E-04	1.05E-04	6.90E-08	2.08E-07	1.21E-07	1.39E-07	1.26E-07	5.77E-08	2.63E-08	2.30E-09	5.56E-08	1.23E-08	1.89E-08	3.00E-08	5.29E-09	1.38E-08	1.38E-07
2563	492880.5	3860343.11	1.84E-04	2.13E-04	9.72E-05	6.39E-08	1.93E-07	1.12E-07	1.29E-07	1.17E-07	5.34E-08	2.44E-08	2.13E-09	5.15E-08	1.14E-08	1.75E-08	2.78E-08	4.90E-09	1.28E-08	1.28E-07
2564	492930.5	3860343.11	1.85E-04	2.14E-04	9.78E-05	6.43E-08	1.94E-07	1.12E-07	1.30E-07	1.18E-07	5.37E-08	2.45E-08	2.15E-09	5.18E-08	1.14E-08	1.76E-08	2.80E-08	4.93E-09	1.29E-08	1.29E-07
2565	492980.5	3860343.11	1.88E-04	2.17E-04	9.90E-05	6.51E-08	1.96E-07	1.14E-07	1.31E-07	1.19E-07	5.44E-08	2.48E-08	2.17E-09	5.25E-08	1.16E-08	1.78E-08	2.83E-08	4.99E-09	1.30E-08	1.30E-07
2566	493030.5	3860343.11	1.89E-04	2.18E-04	9.95E-05	6.54E-08	1.97E-07	1.14E-07	1.32E-07	1.20E-07	5.46E-08	2.49E-08	2.18E-09	5.27E-08	1.16E-08	1.79E-08	2.84E-08	5.01E-09	1.31E-08	1.31E-07
2567	493080.5	3860343.11	1.91E-04	2.20E-04	1.00E-04	6.60E-08	1.99E-07	1.15E-07	1.33E-07	1.21E-07	5.52E-08	2.52E-08	2.21E-09	5.33E-08	1.18E-08	1.81E-08	2.87E-08	5.06E-09	1.32E-08	1.32E-07
2568	493130.5	3860343.11	1.91E-04	2.21E-04	1.01E-04	6.62E-08	2.00E-07	1.16E-07	1.34E-07	1.21E-07	5.53E-08	2.52E-08	2.21E-09	5.34E-08	1.18E-08	1.82E-08	2.88E-08	5.08E-09	1.32E-08	1.33E-07
2569	493180.5	3860343.11	1.91E-04	2.21E-04	1.01E-04	6.62E-08	2.00E-07	1.16E-07	1.34E-07	1.21E-07	5.53E-08	2.52E-08	2.21E-09	5.34E-08	1.18E-08	1.81E-08	2.88E-08	5.07E-09	1.32E-08	1.33E-07
2570	493230.5	3860343.11	1.91E-04	2.21E-04	1.01E-04	6.64E-08	2.00E-07	1.16E-07	1.34E-07	1.22E-07	5.55E-08	2.53E-08	2.22E-09	5.35E-08	1.18E-08	1.82E-08	2.89E-08	5.09E-09	1.33E-08	1.33E-07
2571	493280.5	3860343.11	1.93E-04	2.23E-04	1.02E-04	6.68E-08	2.02E-07	1.17E-07	1.35E-07	1.22E-07	5.58E-08	2.54E-08	2.23E-09	5.39E-08	1.19E-08	1.83E-08	2.91E-08	5.12E-09	1.34E-08	1.34E-07
2572	493330.5	3860343.11	1.93E-04	2.24E-04	1.02E-04	6.71E-08	2.02E-07	1.17E-07	1.35E-07	1.23E-07	5.60E-08	2.56E-08	2.24E-09	5.41E-08	1.19E-08	1.84E-08	2.92E-08	5.14E-09	1.34E-08	1.34E-07
2573	493380.5	3860343.11	1.94E-04	2.24E-04	1.02E-04	6.72E-08	2.03E-07	1.18E-07	1.36E-07	1.23E-07	5.62E-08	2.56E-08	2.25E-09	5.42E-08	1.20E-08	1.84E-08	2.93E-08	5.16E-09	1.34E-08	1.35E-07
2574	492880.5	3860393.11	1.78E-04	2.06E-04	9.41E-05	6.18E-08	1.87E-07	1.08E-07	1.25E-07	1.13E-07	5.17E-08	2.36E-08	2.06E-09	4.99E-08	1.10E-08	1.70E-08	2.69E-08	4.74E-09	1.24E-08	1.24E-07
2575	492930.5	3860393.11	1.80E-04	2.08E-04	9.48E-05	6.23E-08	1.88E-07	1.09E-07	1.26E-07	1.14E-07	5.20E-08	2.38E-08	2.08E-09	5.02E-08	1.11E-08	1.71E-08	2.71E-08	4.78E-09	1.25E-08	1.25E-07
2576	492980.5	3860393.11	1.81E-04	2.10E-04	9.57E-05	6.29E-08	1.90E-07	1.10E-07	1.27E-07	1.15E-07	5.25E-08	2.40E-08	2.10E-09	5.07E-08	1.12E-08	1.72E-08	2.74E-08	4.82E-09	1.26E-08	1.26E-07
2577	493030.5	3860393.11	1.83E-04	2.11E-04	9.64E-05	6.33E-08	1.91E-07	1.11E-07	1.28E-07	1.16E-07	5.29E-08	2.41E-08	2.11E-09	5.11E-08	1.13E-08	1.74E-08	2.76E-08	4.86E-09	1.27E-08	1.27E-07
2578	493080.5	3860393.11	1.85E-04	2.14E-04	9.74E-05	6.40E-08	1.93E-07	1.12E-07	1.29E-07	1.17E-07	5.35E-08	2.44E-08	2.14E-09	5.16E-08	1.14E-08	1.76E-08	2.79E-08	4.91E-09	1.28E-08	1.28E-07
2579	493130.5	3860393.11	1.85E-04	2.14E-04	9.76E-05	6.42E-08	1.94E-07	1.12E-07	1.30E-07	1.17E-07	5.36E-08	2.45E-08	2.14E-09	5.17E-08	1.14E-08	1.76E-08	2.79E-08	4.92E-09	1.28E-08	1.29E-07
2580	493180.5	3860393.11	1.85E-04	2.14E-04	9.76E-05	6.41E-08	1.94E-07	1.12E-07	1.30E-07	1.17E-07	5.36E-08	2.44E-08	2.14E-09	5.17E-08	1.14E-08	1.76E-08	2.79E-08	4.92E-09	1.28E-08	1.29E-07
2581	493230.5	3860393.11	1.86E-04	2.15E-04	9.80E-05	6.44E-08	1.95E-07	1.13E-07	1.30E-07	1.18E-07	5.38E-08	2.46E-08	2.15E-09	5.20E-08	1.15E-08	1.77E-08	2.80E-08	4.94E-09	1.29E-08	1.29E-07
2582	493280.5	3860393.11	1.87E-04	2.16E-04	9.87E-05	6.49E-08	1.96E-07	1.13E-07	1.31E-07	1.19E-07	5.42E-08	2.47E-08	2.17E-09	5.23E-08	1.16E-08	1.78E-08	2.82E-08	4.98E-09	1.30E-08	1.30E-07
2583	493330.5	3860393.11	1.88E-04	2.18E-04	9.92E-05	6.52E-08	1.97E-07	1.14E-07	1.32E-07	1.19E-07	5.45E-08	2.49E-08	2.18E-09	5.26E-08	1.16E-08	1.79E-08	2.84E-08	5.00E-09	1.30E-08	1.31E-07
2584	493380.5	3860393.11	1.89E-04	2.18E-04	9.96E-05	6.55E-08	1.98E-07	1.14E-07	1.32E-07	1.20E-07	5.47E-08	2.49E-08	2.19E-09	5.28E-08	1.17E-08	1.80E-08	2.85E-08	5.02E-09	1.31E-08	1.31E-07
2585	492880.5	3860443.11	1.73E-04	2.00E-04	9.13E-05	6.00E-08	1.81E-07	1.05E-07	1.21E-07	1.10E-07	5.01E-08	2.29E-08	2.00E-09	4.84E-08	1.07E-08	1.64E-08	2.61E-08	4.60E-09	1.20E-08	1.20E-07
2586	492930.5	3860443.11	1.74E-04	2.01E-04	9.17E-05	6.03E-08	1.82E-07	1.05E-07	1.22E-07	1.10E-07	5.04E-08	2.30E-08	2.01E-09	4.86E-08	1.07E-08	1.65E-08	2.62E-08	4.62E-09	1.21E-08	1.21E-07
2587	492980.5	3860443.11	1.75E-04	2.03E-04	9.25E-05	6.08E-08	1.84E-07	1.06E-07	1.23E-07	1.11E-07	5.08E-08	2.32E-08	2.03E-09	4.90E-08	1.08E-08	1.67E-08	2.64E-08	4.66E-09	1.22E-08	1.22E-07
2588	493030.5	3860443.11	1.77E-04	2.04E-04	9.32E-05	6.13E-08	1.85E-07	1.07E-07	1.24E-07	1.12E-07	5.12E-08	2.34E-08	2.05E-09	4.94E-08	1.09E-08	1.68E-08	2.67E-08	4.70E-09	1.23E-08	1.23E-07
2589	493080.5	3860443.11	1.78E-04	2.06E-04	9.38E-05	6.16E-08	1.86E-07	1.08E-07	1.25E-07	1.13E-07	5.15E-08	2.35E-08	2.06E-09	4.97E-08	1.10E-08	1.69E-08	2.68E-08	4.73E-09	1.23E-08	1.24E-07

2590	493130.5	3860443.11	1.79E-04	2.07E-04	9.43E-05	6.20E-08	1.87E-07	1.08E-07	1.25E-07	1.14E-07	5.18E-08	2.36E-08	2.07E-09	5.00E-08	1.10E-08	1.70E-08	2.70E-08	4.75E-09	1.24E-08	1.24E-07
2591	493180.5	3860443.11	1.79E-04	2.07E-04	9.44E-05	6.21E-08	1.87E-07	1.08E-07	1.25E-07	1.14E-07	5.19E-08	2.37E-08	2.07E-09	5.01E-08	1.10E-08	1.70E-08	2.70E-08	4.76E-09	1.24E-08	1.24E-07
2592	493230.5	3860443.11	1.81E-04	2.09E-04	9.52E-05	6.26E-08	1.89E-07	1.09E-07	1.26E-07	1.15E-07	5.23E-08	2.38E-08	2.09E-09	5.05E-08	1.11E-08	1.72E-08	2.72E-08	4.80E-09	1.25E-08	1.25E-07
2593	493280.5	3860443.11	1.82E-04	2.10E-04	9.58E-05	6.30E-08	1.90E-07	1.10E-07	1.27E-07	1.15E-07	5.26E-08	2.40E-08	2.10E-09	5.08E-08	1.12E-08	1.73E-08	2.74E-08	4.83E-09	1.26E-08	1.26E-07
2594	493330.5	3860443.11	1.83E-04	2.12E-04	9.64E-05	6.34E-08	1.91E-07	1.11E-07	1.28E-07	1.16E-07	5.30E-08	2.42E-08	2.12E-09	5.12E-08	1.13E-08	1.74E-08	2.76E-08	4.86E-09	1.27E-08	1.27E-07
2595	493380.5	3860443.11	1.83E-04	2.12E-04	9.67E-05	6.36E-08	1.92E-07	1.11E-07	1.28E-07	1.16E-07	5.31E-08	2.42E-08	2.12E-09	5.13E-08	1.13E-08	1.74E-08	2.77E-08	4.88E-09	1.27E-08	1.27E-07
2596	493180.5	3860493.11	1.74E-04	2.01E-04	9.16E-05	6.02E-08	1.82E-07	1.05E-07	1.22E-07	1.10E-07	5.03E-08	2.30E-08	2.01E-09	4.86E-08	1.07E-08	1.65E-08	2.62E-08	4.62E-09	1.20E-08	1.21E-07
2597	493230.5	3860493.11	1.75E-04	2.02E-04	9.23E-05	6.07E-08	1.83E-07	1.06E-07	1.23E-07	1.11E-07	5.07E-08	2.31E-08	2.03E-09	4.89E-08	1.08E-08	1.66E-08	2.64E-08	4.65E-09	1.21E-08	1.22E-07
2598	493280.5	3860493.11	1.76E-04	2.04E-04	9.29E-05	6.11E-08	1.84E-07	1.07E-07	1.23E-07	1.12E-07	5.11E-08	2.33E-08	2.04E-09	4.93E-08	1.09E-08	1.68E-08	2.66E-08	4.69E-09	1.22E-08	1.22E-07
2599	493330.5	3860493.11	1.77E-04	2.05E-04	9.34E-05	6.14E-08	1.86E-07	1.07E-07	1.24E-07	1.13E-07	5.13E-08	2.34E-08	2.05E-09	4.96E-08	1.09E-08	1.69E-08	2.67E-08	4.71E-09	1.23E-08	1.23E-07
2600	493380.5	3860493.11	1.78E-04	2.06E-04	9.37E-05	6.16E-08	1.86E-07	1.08E-07	1.25E-07	1.13E-07	5.15E-08	2.35E-08	2.06E-09	4.97E-08	1.10E-08	1.69E-08	2.68E-08	4.73E-09	1.23E-08	1.24E-07
2601	493330.5	3860543.11	1.72E-04	1.99E-04	9.06E-05	5.96E-08	1.80E-07	1.04E-07	1.20E-07	1.09E-07	4.98E-08	2.27E-08	1.99E-09	4.81E-08	1.06E-08	1.64E-08	2.59E-08	4.57E-09	1.19E-08	1.19E-07
2602	493380.5	3860543.11	1.73E-04	2.00E-04	9.09E-05	5.98E-08	1.81E-07	1.05E-07	1.21E-07	1.10E-07	5.00E-08	2.28E-08	2.00E-09	4.82E-08	1.06E-08	1.64E-08	2.60E-08	4.59E-09	1.20E-08	1.20E-07
2603	494135.94	3860876.85	1.51E-04	1.75E-04	7.95E-05	5.23E-08	1.58E-07	9.15E-08	1.06E-07	9.59E-08	4.37E-08	1.99E-08	1.75E-09	4.22E-08	9.32E-09	1.44E-08	2.28E-08	4.01E-09	1.05E-08	1.05E-07
2604	494185.94	3860876.85	1.52E-04	1.75E-04	7.98E-05	5.25E-08	1.59E-07	9.18E-08	1.06E-07	9.62E-08	4.39E-08	2.00E-08	1.75E-09	4.24E-08	9.35E-09	1.44E-08	2.29E-08	4.03E-09	1.05E-08	1.05E-07
2605	494135.94	3860926.85	1.47E-04	1.70E-04	7.73E-05	5.09E-08	1.54E-07	8.90E-08	1.03E-07	9.32E-08	4.25E-08	1.94E-08	1.70E-09	4.11E-08	9.06E-09	1.40E-08	2.22E-08	3.90E-09	1.02E-08	1.02E-07
2606	494185.94	3860926.85	1.47E-04	1.70E-04	7.76E-05	5.11E-08	1.54E-07	8.93E-08	1.03E-07	9.36E-08	4.27E-08	1.94E-08	1.71E-09	4.12E-08	9.10E-09	1.40E-08	2.22E-08	3.92E-09	1.02E-08	1.02E-07
2607	494135.94	3860976.85	1.43E-04	1.65E-04	7.52E-05	4.95E-08	1.49E-07	8.65E-08	1.00E-07	9.07E-08	4.14E-08	1.88E-08	1.65E-09	3.99E-08	8.81E-09	1.36E-08	2.15E-08	3.80E-09	9.88E-09	9.92E-08
2608	494185.94	3860976.85	1.43E-04	1.66E-04	7.55E-05	4.97E-08	1.50E-07	8.69E-08	1.00E-07	9.11E-08	4.16E-08	1.89E-08	1.66E-09	4.01E-08	8.85E-09	1.36E-08	2.16E-08	3.81E-09	9.93E-09	9.96E-08
2609	494135.94	3861026.85	1.39E-04	1.61E-04	7.31E-05	4.81E-08	1.45E-07	8.41E-08	9.72E-08	8.81E-08	4.02E-08	1.83E-08	1.61E-09	3.88E-08	8.56E-09	1.32E-08	2.09E-08	3.69E-09	9.61E-09	9.64E-08
2610	494185.94	3861026.85	1.40E-04	1.61E-04	7.34E-05	4.83E-08	1.46E-07	8.45E-08	9.77E-08	8.86E-08	4.04E-08	1.84E-08	1.61E-09	3.90E-08	8.61E-09	1.33E-08	2.10E-08	3.71E-09	9.65E-09	9.69E-08
2611	494135.94	3861076.85	1.35E-04	1.56E-04	7.10E-05	4.68E-08	1.41E-07	8.18E-08	9.45E-08	8.57E-08	3.91E-08	1.78E-08	1.56E-09	3.77E-08	8.33E-09	1.28E-08	2.04E-08	3.59E-09	9.34E-09	9.38E-08
2612	494185.94	3861076.85	1.36E-04	1.57E-04	7.14E-05	4.70E-08	1.42E-07	8.22E-08	9.50E-08	8.61E-08	3.93E-08	1.79E-08	1.57E-09	3.79E-08	8.37E-09	1.29E-08	2.05E-08	3.61E-09	9.39E-09	9.42E-08
2613	490360.04	3858710.04	4.70E-04	5.43E-04	2.49E-04	1.63E-07	4.92E-07	2.85E-07	3.29E-07	2.98E-07	1.36E-07	6.25E-08	5.44E-09	1.31E-07	2.90E-08	4.47E-08	7.08E-08	1.25E-08	3.28E-08	3.27E-07
2614	490410.04	3858710.04	4.72E-04	5.45E-04	2.50E-04	1.63E-07	4.93E-07	2.86E-07	3.30E-07	2.99E-07	1.36E-07	6.27E-08	5.46E-09	1.32E-07	2.91E-08	4.48E-08	7.10E-08	1.25E-08	3.29E-08	3.28E-07
2615	490460.04	3858710.04	4.73E-04	5.46E-04	2.51E-04	1.64E-07	4.95E-07	2.87E-07	3.31E-07	3.00E-07	1.37E-07	6.29E-08	5.48E-09	1.32E-07	2.92E-08	4.49E-08	7.13E-08	1.26E-08	3.30E-08	3.29E-07
2616	490510.04	3858710.04	4.74E-04	5.47E-04	2.51E-04	1.64E-07	4.96E-07	2.87E-07	3.31E-07	3.00E-07	1.37E-07	6.29E-08	5.48E-09	1.32E-07	2.92E-08	4.50E-08	7.14E-08	1.26E-08	3.30E-08	3.29E-07
2617	490560.04	3858710.04	4.74E-04	5.47E-04	2.51E-04	1.64E-07	4.96E-07	2.87E-07	3.31E-07	3.00E-07	1.37E-07	6.29E-08	5.48E-09	1.32E-07	2.92E-08	4.50E-08	7.14E-08	1.26E-08	3.30E-08	3.29E-07
2618	490610.04	3858710.04	4.74E-04	5.47E-04	2.51E-04	1.64E-07	4.96E-07	2.87E-07	3.31E-07	3.00E-07	1.37E-07	6.29E-08	5.48E-09	1.32E-07	2.92E-08	4.50E-08	7.14E-08	1.26E-08	3.30E-08	3.29E-07
2619	490660.04	3858710.04	4.73E-04	5.46E-04	2.51E-04	1.64E-07	4.95E-07	2.87E-07	3.31E-07	3.00E-07	1.37E-07	6.28E-08	5.47E-09	1.32E-07	2.92E-08	4.49E-08	7.13E-08	1.26E-08	3.30E-08	3.29E-07
2620	490710.04	3858710.04	4.73E-04	5.46E-04	2.51E-04	1.64E-07	4.95E-07	2.86E-07	3.31E-07	3.00E-07	1.37E-07	6.28E-08	5.47E-09	1.32E-07	2.92E-08	4.49E-08	7.12E-08	1.26E-08	3.29E-08	3.28E-07
2621	490760.04	3858710.04	4.72E-04	5.45E-04	2.50E-04	1.64E-07	4.94E-07	2.86E-07	3.30E-07	2.99E-07	1.37E-07	6.27E-08	5.46E-09	1.32E-07	2.91E-08	4.48E-08	7.11E-08	1.25E-08	3.29E-08	3.28E-07
2622	490810.04	3858710.04	4.71E-04	5.44E-04	2.50E-04	1.63E-07	4.93E-07	2.85E-07	3.30E-07	2.99E-07	1.36E-07	6.25E-08	5.45E-09	1.32E-07	2.91E-08	4.47E-08	7.10E-08	1.25E-08	3.28E-08	3.27E-07
2623	490860.04	3858710.04	4.70E-04	5.43E-04	2.49E-04	1.63E-07	4.92E-07	2.85E-07	3.29E-07	2.98E-07	1.36E-07	6.24E-08	5.44E-09	1.31E-07	2.90E-08	4.46E-08	7.08E-08	1.25E-08	3.28E-08	3.27E-07
2624	490360.04	3858760.04	4.52E-04	5.22E-04	2.40E-04	1.57E-07	4.73E-07	2.74E-07	3.17E-07	2.87E-07	1.31E-07	6.02E-08	5.24E-09	1.26E-07	2.79E-08	4.30E-08	6.82E-08	1.20E-08	3.16E-08	3.14E-07
2625	490410.04	3858760.04	4.54E-04	5.25E-04	2.41E-04	1.57E-07	4.75E-07	2.75E-07	3.18E-07	2.88E-07	1.31E-07	6.04E-08	5.26E-09	1.27E-07	2.80E-08	4.32E-08	6.85E-08	1.21E-08	3.17E-08	3.16E-07
2626	490460.04	3858760.04	4.56E-04	5.27E-04	2.42E-04	1.58E-07	4.77E-07	2.76E-07	3.19E-07	2.89E-07	1.32E-07	6.06E-08	5.28E-09	1.27E-07	2.81E-08	4.33E-08	6.87E-08	1.21E-08	3.18E-08	3.17E-07
2627	490510.04	3858760.04	4.57E-04	5.28E-04	2.43E-04	1.59E-07	4.79E-07	2.77E-07	3.20E-07	2.90E-07	1.32E-07	6.08E-08	5.29E-09	1.28E-07	2.82E-08	4.34E-08	6.89E-08	1.21E-08	3.19E-08	3.18E-07
2628	490560.04	3858760.04	4.58E-04	5.29E-04	2.43E-04	1.59E-07	4.79E-07	2.77E-07	3.20E-07	2.90E-07	1.33E-07	6.08E-08	5.30E-09	1.28E-07	2.83E-08	4.35E-08	6.90E-08	1.22E-08	3.19E-08	3.18E-07
2629	490610.04	3858760.04	4.58E-04	5.29E-04	2.43E-04	1.59E-07	4.80E-07	2.78E-07	3.21E-07	2.91E-07	1.33E-07	6.09E-08	5.31E-09	1.28E-07	2.83E-08	4.35E-08	6.91E-08	1.22E-08	3.20E-08	3.19E-07
2630	490660.04	3858760.04	4.59E-04	5.30E-04	2.43E-04	1.59E-07	4.80E-07	2.78E-07	3.21E-07	2.91E-07	1.33E-07	6.09E-08	5.31E-09	1.28E-07	2.83E-08	4.36E-08	6.91E-08	1.22E-08	3.20E-08	3.19E-07
2631	490710.04	3858760.04	4.58E-04	5.29E-04	2.43E-04	1.59E-07	4.80E-07	2.78E-07	3.21E-07	2.91E-07	1.33E-07	6.09E-08	5.30E-09	1.28E-07	2.83E-08	4.35E-08	6.91E-08	1.22E-08	3.19E-08	3.18E-07
2632	490760.04	3858760.04	4.58E-04	5.29E-04	2.43E-04	1.59E-07	4.79E-07	2.77E-07	3.20E-07	2.90E-07	1.33E-07	6.08E-08	5.30E-09	1.28E-07	2.83E-08	4.35E-08	6.90E-08	1.22E-08	3.19E-08	3.18E-07
2633	490810.04	3858760.04	4.57E-04	5.28E-04	2.42E-04	1.59E-07	4.79E-07	2.77E-07	3.20E-07	2.90E-07	1.32E-07	6.07E-08	5.29E-09	1.28E-07	2.82E-08	4.34E-08	6.89E-08	1.21E-08	3.19E-08	3.18E-07
2634	490860.04	3858760.04	4.56E-04	5.27E-04	2.42E-04	1.58E-07	4.78E-07	2.76E-07	3.19E-07	2.89E-07	1.32E-07	6.06E-08	5.28E-09	1.28E-07	2.82E-08	4.34E-08	6.88E-08	1.21E-08	3.18E-08	3.17E-07
2635	490360.04	3858810.04	4.35E-04	5.03E-04	2.31E-04	1.51E-07	4.56E-07	2.64E-07	3.05E-07	2.76E-07	1.26E-07	5.79E-08	5.04E-09	1.22E-07	2.69E-08	4.14E-08	6.56E-08	1.16E-08	3.04E-08	3.03E-07
2636	490410.04	3858810.04	4.38E-04	5.05E-04	2.32E-04	1.52E-07	4.58E-07	2.65E-07	3.06E-07	2.78E-07	1.27E-07	5.82E-08	5.07E-09	1.22E-07	2.70E-08	4.16E-08	6.59E-08	1.16E-08	3.05E-08	3.04E-07
2637	490460.04	3858810.04	4.40E-04	5.08E-04	2.33E-04	1.52E-07	4.60E-07	2.66E-07	3.08E-07	2.79E-07	1.27E-07	5.84E-08	5.09E-09	1.23E-07	2.71E-08	4.18E-08	6.62E-08	1.17E-08	3.07E-08	3.05E-07
2638	490510.04	3858810.04	4.41E-04	5.09E-04	2.34E-04	1.53E-07	4.61E-07	2.67E-07	3.08E-07	2.80E-07	1.28E-07	5.86E-08	5.10E-09	1.23E-07	2.72E-08	4.19E-08	6.64E-08	1.17E-08	3.07E-08	3.06E-07
2639	490560.04	3858810.04	4.42E-04	5.10E-04	2.34E-04	1.53E-07	4.63E-07	2.68E-07	3.09E-07	2.80E-07	1.28E-07	5.87E-08	5.12E-09	1.24E-07	2.73E-08	4.20E-08	6.66E-08	1.17E-08	3.08E-08	3.07E-07
2640	490610.04	3858810.04	4.43E-04	5.12E-04	2.35E-04	1.54E-07	4.64E-07	2.68E-07	3.10E-07	2.81E-07	1.28E-07	5.89E-08	5.13E-09	1.24E-07	2.73E-08	4.21E-08	6.68E-08	1.18E-08	3.09E-08	3.08E-07
2641	490660.04	3858810.04	4.44E-04	5.12E-04	2.35E-04	1.54E-07	4.64E-07	2.69E-07	3.10E-07	2.81E-07	1.28E-07	5.89E-08	5.13E-09	1.24E-07	2.74E-08	4.21E-08	6.68E-08	1.18E-08	3.09E-08	3.08E-07
2642	490710.04	3858810.04	4.44E-04	5.13E-04	2.35E-04	1.54E-07	4.64E-07	2.69E-07	3.11E-07	2.81E-07	1.28E-07	5.89E-08	5.14E-09	1.24E-07	2.74E-08	4.22E-08	6.69E-08	1.18E-08	3.09E-08	3.08E-07

2643	490760.04	3858810.04	4.44E-04	5.13E-04	2.35E-04	1.54E-07	4.65E-07	2.69E-07	3.11E-07	2.82E-07	1.28E-07	5.90E-08	5.14E-09	1.24E-07	2.74E-08	4.22E-08	6.69E-08	1.18E-08	3.09E-08	3.08E-07
2644	490810.04	3858810.04	4.43E-04	5.12E-04	2.35E-04	1.54E-07	4.64E-07	2.69E-07	3.10E-07	2.81E-07	1.28E-07	5.89E-08	5.13E-09	1.24E-07	2.74E-08	4.21E-08	6.68E-08	1.18E-08	3.09E-08	3.08E-07
2645	490860.04	3858810.04	4.43E-04	5.11E-04	2.35E-04	1.53E-07	4.63E-07	2.68E-07	3.10E-07	2.81E-07	1.28E-07	5.88E-08	5.13E-09	1.24E-07	2.73E-08	4.21E-08	6.67E-08	1.18E-08	3.09E-08	3.08E-07
2646	490360.04	3858860.04	4.19E-04	4.84E-04	2.22E-04	1.45E-07	4.38E-07	2.54E-07	2.93E-07	2.66E-07	1.21E-07	5.57E-08	4.85E-09	1.17E-07	2.58E-08	3.98E-08	6.31E-08	1.11E-08	2.92E-08	2.91E-07
2647	490410.04	3858860.04	4.21E-04	4.86E-04	2.23E-04	1.46E-07	4.40E-07	2.55E-07	2.94E-07	2.67E-07	1.22E-07	5.60E-08	4.87E-09	1.18E-07	2.60E-08	4.00E-08	6.34E-08	1.12E-08	2.94E-08	2.92E-07
2648	490460.04	3858860.04	4.23E-04	4.89E-04	2.25E-04	1.47E-07	4.43E-07	2.56E-07	2.96E-07	2.68E-07	1.22E-07	5.63E-08	4.90E-09	1.18E-07	2.61E-08	4.02E-08	6.38E-08	1.12E-08	2.95E-08	2.94E-07
2649	490510.04	3858860.04	4.25E-04	4.90E-04	2.25E-04	1.47E-07	4.44E-07	2.57E-07	2.97E-07	2.69E-07	1.23E-07	5.64E-08	4.91E-09	1.19E-07	2.62E-08	4.03E-08	6.40E-08	1.13E-08	2.96E-08	2.95E-07
2650	490560.04	3858860.04	4.26E-04	4.92E-04	2.26E-04	1.48E-07	4.46E-07	2.58E-07	2.98E-07	2.70E-07	1.23E-07	5.66E-08	4.93E-09	1.19E-07	2.63E-08	4.05E-08	6.42E-08	1.13E-08	2.97E-08	2.96E-07
2651	490610.04	3858860.04	4.28E-04	4.94E-04	2.27E-04	1.48E-07	4.48E-07	2.59E-07	2.99E-07	2.71E-07	1.24E-07	5.68E-08	4.95E-09	1.20E-07	2.64E-08	4.06E-08	6.45E-08	1.14E-08	2.98E-08	2.97E-07
2652	490660.04	3858860.04	4.29E-04	4.95E-04	2.27E-04	1.49E-07	4.49E-07	2.60E-07	3.00E-07	2.72E-07	1.24E-07	5.69E-08	4.96E-09	1.20E-07	2.64E-08	4.07E-08	6.46E-08	1.14E-08	2.99E-08	2.98E-07
2653	490710.04	3858860.04	4.29E-04	4.96E-04	2.27E-04	1.49E-07	4.49E-07	2.60E-07	3.00E-07	2.72E-07	1.24E-07	5.70E-08	4.97E-09	1.20E-07	2.65E-08	4.08E-08	6.46E-08	1.14E-08	2.99E-08	2.98E-07
2654	490760.04	3858860.04	4.30E-04	4.96E-04	2.28E-04	1.49E-07	4.49E-07	2.60E-07	3.00E-07	2.72E-07	1.24E-07	5.70E-08	4.97E-09	1.20E-07	2.65E-08	4.08E-08	6.47E-08	1.14E-08	2.99E-08	2.98E-07
2655	490810.04	3858860.04	4.30E-04	4.96E-04	2.28E-04	1.49E-07	4.49E-07	2.60E-07	3.01E-07	2.72E-07	1.24E-07	5.70E-08	4.97E-09	1.20E-07	2.65E-08	4.08E-08	6.47E-08	1.14E-08	2.99E-08	2.98E-07
2656	490860.04	3858860.04	4.29E-04	4.96E-04	2.27E-04	1.49E-07	4.49E-07	2.60E-07	3.00E-07	2.72E-07	1.24E-07	5.70E-08	4.97E-09	1.20E-07	2.65E-08	4.08E-08	6.47E-08	1.14E-08	2.99E-08	2.98E-07
2657	490360.04	3858910.04	4.02E-04	4.64E-04	2.13E-04	1.39E-07	4.20E-07	2.43E-07	2.81E-07	2.55E-07	1.16E-07	5.34E-08	4.65E-09	1.12E-07	2.48E-08	3.81E-08	6.05E-08	1.07E-08	2.80E-08	2.79E-07
2658	490410.04	3858910.04	4.04E-04	4.67E-04	2.15E-04	1.40E-07	4.23E-07	2.45E-07	2.83E-07	2.56E-07	1.17E-07	5.37E-08	4.68E-09	1.13E-07	2.49E-08	3.84E-08	6.09E-08	1.07E-08	2.82E-08	2.81E-07
2659	490460.04	3858910.04	4.06E-04	4.69E-04	2.16E-04	1.41E-07	4.25E-07	2.46E-07	2.84E-07	2.58E-07	1.18E-07	5.41E-08	4.70E-09	1.14E-07	2.51E-08	3.86E-08	6.12E-08	1.08E-08	2.84E-08	2.82E-07
2660	490510.04	3858910.04	4.09E-04	4.72E-04	2.17E-04	1.42E-07	4.28E-07	2.48E-07	2.86E-07	2.59E-07	1.18E-07	5.43E-08	4.73E-09	1.14E-07	2.52E-08	3.88E-08	6.16E-08	1.09E-08	2.85E-08	2.84E-07
2661	490560.04	3858910.04	4.11E-04	4.74E-04	2.18E-04	1.42E-07	4.30E-07	2.49E-07	2.87E-07	2.60E-07	1.19E-07	5.46E-08	4.75E-09	1.15E-07	2.53E-08	3.90E-08	6.19E-08	1.09E-08	2.87E-08	2.85E-07
2662	490610.04	3858910.04	4.12E-04	4.76E-04	2.19E-04	1.43E-07	4.32E-07	2.50E-07	2.89E-07	2.62E-07	1.19E-07	5.48E-08	4.77E-09	1.15E-07	2.54E-08	3.92E-08	6.21E-08	1.10E-08	2.88E-08	2.87E-07
2663	490660.04	3858910.04	4.14E-04	4.78E-04	2.19E-04	1.43E-07	4.33E-07	2.51E-07	2.89E-07	2.62E-07	1.20E-07	5.50E-08	4.79E-09	1.16E-07	2.55E-08	3.93E-08	6.23E-08	1.10E-08	2.88E-08	2.87E-07
2664	490710.04	3858910.04	4.15E-04	4.79E-04	2.20E-04	1.44E-07	4.34E-07	2.51E-07	2.90E-07	2.63E-07	1.20E-07	5.51E-08	4.80E-09	1.16E-07	2.56E-08	3.94E-08	6.25E-08	1.10E-08	2.89E-08	2.88E-07
2665	490760.04	3858910.04	4.15E-04	4.80E-04	2.20E-04	1.44E-07	4.35E-07	2.52E-07	2.91E-07	2.63E-07	1.20E-07	5.52E-08	4.81E-09	1.16E-07	2.56E-08	3.94E-08	6.26E-08	1.10E-08	2.90E-08	2.89E-07
2666	490810.04	3858910.04	4.16E-04	4.80E-04	2.20E-04	1.44E-07	4.35E-07	2.52E-07	2.91E-07	2.64E-07	1.20E-07	5.52E-08	4.81E-09	1.16E-07	2.56E-08	3.95E-08	6.26E-08	1.10E-08	2.90E-08	2.89E-07
2667	490860.04	3858910.04	4.15E-04	4.80E-04	2.20E-04	1.44E-07	4.35E-07	2.52E-07	2.91E-07	2.63E-07	1.20E-07	5.52E-08	4.81E-09	1.16E-07	2.56E-08	3.95E-08	6.26E-08	1.10E-08	2.90E-08	2.89E-07
2668	490360.04	3858960.04	3.85E-04	4.45E-04	2.05E-04	1.34E-07	4.03E-07	2.34E-07	2.70E-07	2.44E-07	1.12E-07	5.13E-08	4.46E-09	1.08E-07	2.38E-08	3.66E-08	5.81E-08	1.02E-08	2.69E-08	2.68E-07
2669	490410.04	3858960.04	3.88E-04	4.48E-04	2.06E-04	1.35E-07	4.06E-07	2.35E-07	2.72E-07	2.46E-07	1.12E-07	5.17E-08	4.49E-09	1.09E-07	2.39E-08	3.69E-08	5.85E-08	1.03E-08	2.71E-08	2.70E-07
2670	490460.04	3858960.04	3.91E-04	4.51E-04	2.08E-04	1.36E-07	4.09E-07	2.37E-07	2.73E-07	2.48E-07	1.13E-07	5.20E-08	4.52E-09	1.09E-07	2.41E-08	3.71E-08	5.89E-08	1.04E-08	2.73E-08	2.72E-07
2671	490510.04	3858960.04	3.93E-04	4.54E-04	2.09E-04	1.36E-07	4.12E-07	2.38E-07	2.75E-07	2.49E-07	1.14E-07	5.23E-08	4.55E-09	1.10E-07	2.43E-08	3.73E-08	5.92E-08	1.04E-08	2.75E-08	2.73E-07
2672	490560.04	3858960.04	3.95E-04	4.57E-04	2.10E-04	1.37E-07	4.14E-07	2.39E-07	2.77E-07	2.51E-07	1.14E-07	5.26E-08	4.58E-09	1.11E-07	2.44E-08	3.75E-08	5.96E-08	1.05E-08	2.76E-08	2.75E-07
2673	490610.04	3858960.04	3.97E-04	4.59E-04	2.11E-04	1.38E-07	4.16E-07	2.41E-07	2.78E-07	2.52E-07	1.15E-07	5.28E-08	4.60E-09	1.11E-07	2.45E-08	3.77E-08	5.99E-08	1.06E-08	2.77E-08	2.76E-07
2674	490660.04	3858960.04	3.99E-04	4.60E-04	2.11E-04	1.38E-07	4.17E-07	2.42E-07	2.79E-07	2.53E-07	1.15E-07	5.30E-08	4.61E-09	1.11E-07	2.46E-08	3.79E-08	6.01E-08	1.06E-08	2.78E-08	2.77E-07
2675	490710.04	3858960.04	4.00E-04	4.62E-04	2.12E-04	1.39E-07	4.19E-07	2.42E-07	2.80E-07	2.54E-07	1.16E-07	5.32E-08	4.63E-09	1.12E-07	2.47E-08	3.80E-08	6.03E-08	1.06E-08	2.79E-08	2.78E-07
2676	490760.04	3858960.04	4.01E-04	4.63E-04	2.13E-04	1.39E-07	4.20E-07	2.43E-07	2.80E-07	2.54E-07	1.16E-07	5.33E-08	4.64E-09	1.12E-07	2.47E-08	3.81E-08	6.04E-08	1.06E-08	2.80E-08	2.79E-07
2677	490810.04	3858960.04	4.01E-04	4.64E-04	2.13E-04	1.39E-07	4.20E-07	2.43E-07	2.81E-07	2.55E-07	1.16E-07	5.33E-08	4.65E-09	1.12E-07	2.48E-08	3.81E-08	6.05E-08	1.07E-08	2.80E-08	2.79E-07
2678	490860.04	3858960.04	4.02E-04	4.64E-04	2.13E-04	1.39E-07	4.20E-07	2.43E-07	2.81E-07	2.55E-07	1.16E-07	5.34E-08	4.65E-09	1.12E-07	2.48E-08	3.81E-08	6.05E-08	1.07E-08	2.80E-08	2.79E-07
2679	490360.04	3859010.04	3.70E-04	4.27E-04	1.97E-04	1.28E-07	3.87E-07	2.24E-07	2.59E-07	2.35E-07	1.07E-07	4.93E-08	4.28E-09	1.03E-07	2.28E-08	3.51E-08	5.57E-08	9.82E-09	2.59E-08	2.57E-07
2680	490410.04	3859010.04	3.73E-04	4.31E-04	1.98E-04	1.29E-07	3.90E-07	2.26E-07	2.61E-07	2.36E-07	1.08E-07	4.96E-08	4.32E-09	1.04E-07	2.30E-08	3.54E-08	5.62E-08	9.90E-09	2.61E-08	2.59E-07
2681	490460.04	3859010.04	3.76E-04	4.34E-04	2.00E-04	1.30E-07	3.93E-07	2.28E-07	2.63E-07	2.38E-07	1.09E-07	5.00E-08	4.35E-09	1.05E-07	2.32E-08	3.57E-08	5.66E-08	9.98E-09	2.62E-08	2.61E-07
2682	490510.04	3859010.04	3.78E-04	4.37E-04	2.01E-04	1.31E-07	3.96E-07	2.29E-07	2.65E-07	2.40E-07	1.09E-07	5.03E-08	4.38E-09	1.06E-07	2.33E-08	3.59E-08	5.70E-08	1.00E-08	2.64E-08	2.63E-07
2683	490560.04	3859010.04	3.80E-04	4.39E-04	2.02E-04	1.32E-07	3.98E-07	2.30E-07	2.66E-07	2.41E-07	1.10E-07	5.06E-08	4.40E-09	1.06E-07	2.35E-08	3.61E-08	5.73E-08	1.01E-08	2.66E-08	2.64E-07
2684	490610.04	3859010.04	3.82E-04	4.42E-04	2.03E-04	1.33E-07	4.00E-07	2.32E-07	2.67E-07	2.42E-07	1.11E-07	5.09E-08	4.43E-09	1.07E-07	2.36E-08	3.63E-08	5.76E-08	1.02E-08	2.67E-08	2.66E-07
2685	490660.04	3859010.04	3.84E-04	4.43E-04	2.04E-04	1.33E-07	4.02E-07	2.33E-07	2.69E-07	2.43E-07	1.11E-07	5.10E-08	4.44E-09	1.07E-07	2.37E-08	3.65E-08	5.78E-08	1.02E-08	2.68E-08	2.67E-07
2686	490710.04	3859010.04	3.86E-04	4.45E-04	2.05E-04	1.34E-07	4.03E-07	2.34E-07	2.70E-07	2.44E-07	1.12E-07	5.12E-08	4.46E-09	1.08E-07	2.38E-08	3.66E-08	5.81E-08	1.02E-08	2.69E-08	2.68E-07
2687	490760.04	3859010.04	3.87E-04	4.46E-04	2.05E-04	1.34E-07	4.05E-07	2.34E-07	2.70E-07	2.45E-07	1.12E-07	5.14E-08	4.47E-09	1.08E-07	2.38E-08	3.67E-08	5.82E-08	1.03E-08	2.70E-08	2.69E-07
2688	490810.04	3859010.04	3.87E-04	4.47E-04	2.05E-04	1.34E-07	4.05E-07	2.35E-07	2.71E-07	2.46E-07	1.12E-07	5.15E-08	4.48E-09	1.08E-07	2.39E-08	3.68E-08	5.84E-08	1.03E-08	2.70E-08	2.69E-07
2689	490860.04	3859010.04	3.88E-04	4.48E-04	2.06E-04	1.34E-07	4.06E-07	2.35E-07	2.71E-07	2.46E-07	1.12E-07	5.15E-08	4.49E-09	1.08E-07	2.39E-08	3.68E-08	5.84E-08	1.03E-08	2.71E-08	2.69E-07
2690	490360.04	3859060.04	3.56E-04	4.10E-04	1.89E-04	1.23E-07	3.72E-07	2.15E-07	2.49E-07	2.25E-07	1.03E-07	4.74E-08	4.12E-09	9.94E-08	2.19E-08	3.38E-08	5.36E-08	9.44E-09	2.49E-08	2.47E-07
2691	490410.04	3859060.04	3.59E-04	4.14E-04	1.91E-04	1.24E-07	3.75E-07	2.17E-07	2.51E-07	2.27E-07	1.04E-07	4.78E-08	4.15E-09	1.00E-07	2.21E-08	3.41E-08	5.40E-08	9.52E-09	2.51E-08	2.49E-07
2692	490460.04	3859060.04	3.61E-04	4.17E-04	1.92E-04	1.25E-07	3.78E-07	2.19E-07	2.53E-07	2.29E-07	1.04E-07	4.81E-08	4.18E-09	1.01E-07	2.23E-08	3.43E-08	5.44E-08	9.59E-09	2.52E-08	2.51E-07
2693	490510.04	3859060.04	3.64E-04	4.20E-04	1.93E-04	1.26E-07	3.80E-07	2.20E-07	2.54E-07	2.30E-07	1.05E-07	4.84E-08	4.21E-09	1.02E-07	2.24E-08	3.45E-08	5.48E-08	9.65E-09	2.54E-08	2.53E-07
2694	490560.04	3859060.04	3.66E-04	4.22E-04	1.94E-04	1.27E-07	3.83E-07	2.22E-07	2.56E-07	2.32E-07	1.06E-07	4.87E-08	4.23E-09	1.02E-07	2.26E-08	3.47E-08	5.51E-08	9.71E-09	2.55E-08	2.54E-07
2695	490610.04	3859060.04	3.68E-04	4.25E-04	1.95E-04	1.27E-07	3.85E-07	2.23E-07	2.57E-07	2.33E-07	1.06E-07	4.89E-08	4.26E-09	1.03E-07	2.27E-08	3.49E-08	5.54E-08	9.76E-09	2.57E-08	2.55E-07

2696	490660.04	3859060.04	3.69E-04	4.27E-04	1.96E-04	1.28E-07	3.87E-07	2.24E-07	2.58E-07	2.34E-07	1.07E-07	4.91E-08	4.28E-09	1.03E-07	2.28E-08	3.51E-08	5.57E-08	9.81E-09	2.58E-08	2.57E-07
2697	490710.04	3859060.04	3.71E-04	4.28E-04	1.97E-04	1.29E-07	3.88E-07	2.25E-07	2.59E-07	2.35E-07	1.07E-07	4.93E-08	4.29E-09	1.04E-07	2.29E-08	3.52E-08	5.59E-08	9.85E-09	2.59E-08	2.58E-07
2698	490760.04	3859060.04	3.72E-04	4.30E-04	1.98E-04	1.29E-07	3.90E-07	2.25E-07	2.60E-07	2.36E-07	1.08E-07	4.95E-08	4.31E-09	1.04E-07	2.30E-08	3.54E-08	5.61E-08	9.88E-09	2.60E-08	2.59E-07
2699	490810.04	3859060.04	3.73E-04	4.31E-04	1.98E-04	1.29E-07	3.91E-07	2.26E-07	2.61E-07	2.37E-07	1.08E-07	4.96E-08	4.32E-09	1.04E-07	2.30E-08	3.55E-08	5.62E-08	9.91E-09	2.60E-08	2.59E-07
2700	490860.04	3859060.04	3.73E-04	4.31E-04	1.98E-04	1.29E-07	3.91E-07	2.26E-07	2.61E-07	2.37E-07	1.08E-07	4.96E-08	4.32E-09	1.04E-07	2.30E-08	3.54E-08	5.62E-08	9.91E-09	2.60E-08	2.59E-07
2701	490360.04	3859110.04	3.42E-04	3.94E-04	1.82E-04	1.18E-07	3.58E-07	2.07E-07	2.39E-07	2.17E-07	9.88E-08	4.56E-08	3.95E-09	9.55E-08	2.11E-08	3.24E-08	5.15E-08	9.07E-09	2.39E-08	2.37E-07
2702	490410.04	3859110.04	3.45E-04	3.98E-04	1.83E-04	1.19E-07	3.61E-07	2.09E-07	2.41E-07	2.18E-07	9.96E-08	4.59E-08	3.99E-09	9.63E-08	2.13E-08	3.27E-08	5.19E-08	9.14E-09	2.41E-08	2.39E-07
2703	490460.04	3859110.04	3.47E-04	4.00E-04	1.84E-04	1.20E-07	3.63E-07	2.10E-07	2.42E-07	2.20E-07	1.00E-07	4.62E-08	4.01E-09	9.69E-08	2.14E-08	3.29E-08	5.22E-08	9.20E-09	2.42E-08	2.41E-07
2704	490510.04	3859110.04	3.49E-04	4.03E-04	1.86E-04	1.21E-07	3.66E-07	2.12E-07	2.44E-07	2.21E-07	1.01E-07	4.65E-08	4.04E-09	9.77E-08	2.16E-08	3.32E-08	5.26E-08	9.27E-09	2.44E-08	2.43E-07
2705	490560.04	3859110.04	3.52E-04	4.06E-04	1.87E-04	1.22E-07	3.68E-07	2.13E-07	2.46E-07	2.23E-07	1.02E-07	4.68E-08	4.07E-09	9.83E-08	2.17E-08	3.34E-08	5.29E-08	9.33E-09	2.46E-08	2.44E-07
2706	490610.04	3859110.04	3.53E-04	4.08E-04	1.88E-04	1.23E-07	3.70E-07	2.14E-07	2.47E-07	2.24E-07	1.02E-07	4.70E-08	4.09E-09	9.88E-08	2.18E-08	3.36E-08	5.32E-08	9.38E-09	2.47E-08	2.46E-07
2707	490660.04	3859110.04	3.55E-04	4.10E-04	1.89E-04	1.23E-07	3.72E-07	2.15E-07	2.48E-07	2.25E-07	1.03E-07	4.73E-08	4.11E-09	9.93E-08	2.19E-08	3.37E-08	5.35E-08	9.43E-09	2.48E-08	2.47E-07
2708	490710.04	3859110.04	3.57E-04	4.12E-04	1.89E-04	1.24E-07	3.73E-07	2.16E-07	2.49E-07	2.26E-07	1.03E-07	4.75E-08	4.13E-09	9.97E-08	2.20E-08	3.39E-08	5.37E-08	9.47E-09	2.49E-08	2.48E-07
2709	490760.04	3859110.04	3.58E-04	4.13E-04	1.90E-04	1.24E-07	3.75E-07	2.17E-07	2.50E-07	2.27E-07	1.04E-07	4.76E-08	4.14E-09	1.00E-07	2.21E-08	3.40E-08	5.39E-08	9.51E-09	2.50E-08	2.49E-07
2710	490810.04	3859110.04	3.58E-04	4.14E-04	1.90E-04	1.24E-07	3.75E-07	2.17E-07	2.51E-07	2.27E-07	1.04E-07	4.77E-08	4.15E-09	1.00E-07	2.21E-08	3.40E-08	5.40E-08	9.51E-09	2.50E-08	2.49E-07
2711	490860.04	3859110.04	3.59E-04	4.14E-04	1.90E-04	1.24E-07	3.75E-07	2.17E-07	2.51E-07	2.27E-07	1.04E-07	4.77E-08	4.15E-09	1.00E-07	2.21E-08	3.41E-08	5.40E-08	9.52E-09	2.50E-08	2.49E-07
2712	490360.04	3859160.04	3.29E-04	3.79E-04	1.75E-04	1.14E-07	3.44E-07	1.99E-07	2.30E-07	2.08E-07	9.51E-08	4.38E-08	3.80E-09	9.19E-08	2.03E-08	3.12E-08	4.95E-08	8.72E-09	2.30E-08	2.28E-07
2713	490410.04	3859160.04	3.31E-04	3.82E-04	1.76E-04	1.15E-07	3.47E-07	2.01E-07	2.32E-07	2.10E-07	9.58E-08	4.42E-08	3.83E-09	9.26E-08	2.04E-08	3.14E-08	4.99E-08	8.79E-09	2.32E-08	2.30E-07
2714	490460.04	3859160.04	3.33E-04	3.85E-04	1.77E-04	1.16E-07	3.49E-07	2.02E-07	2.33E-07	2.11E-07	9.64E-08	4.44E-08	3.86E-09	9.32E-08	2.06E-08	3.17E-08	5.02E-08	8.85E-09	2.33E-08	2.32E-07
2715	490510.04	3859160.04	3.36E-04	3.87E-04	1.78E-04	1.16E-07	3.51E-07	2.03E-07	2.35E-07	2.13E-07	9.71E-08	4.47E-08	3.88E-09	9.38E-08	2.07E-08	3.19E-08	5.05E-08	8.91E-09	2.35E-08	2.33E-07
2716	490560.04	3859160.04	3.38E-04	3.90E-04	1.80E-04	1.17E-07	3.53E-07	2.05E-07	2.36E-07	2.14E-07	9.77E-08	4.50E-08	3.91E-09	9.44E-08	2.08E-08	3.21E-08	5.09E-08	8.97E-09	2.36E-08	2.35E-07
2717	490610.04	3859160.04	3.40E-04	3.92E-04	1.81E-04	1.18E-07	3.55E-07	2.06E-07	2.38E-07	2.15E-07	9.83E-08	4.52E-08	3.93E-09	9.50E-08	2.10E-08	3.23E-08	5.12E-08	9.02E-09	2.37E-08	2.36E-07
2718	490660.04	3859160.04	3.41E-04	3.94E-04	1.81E-04	1.18E-07	3.57E-07	2.07E-07	2.39E-07	2.16E-07	9.87E-08	4.54E-08	3.95E-09	9.54E-08	2.11E-08	3.24E-08	5.14E-08	9.06E-09	2.38E-08	2.37E-07
2719	490710.04	3859160.04	3.43E-04	3.96E-04	1.82E-04	1.19E-07	3.59E-07	2.08E-07	2.40E-07	2.17E-07	9.92E-08	4.56E-08	3.97E-09	9.58E-08	2.11E-08	3.26E-08	5.16E-08	9.10E-09	2.40E-08	2.38E-07
2720	490760.04	3859160.04	3.43E-04	3.96E-04	1.82E-04	1.19E-07	3.59E-07	2.08E-07	2.40E-07	2.17E-07	9.92E-08	4.56E-08	3.97E-09	9.58E-08	2.11E-08	3.26E-08	5.16E-08	9.10E-09	2.39E-08	2.38E-07
2721	490810.04	3859160.04	3.44E-04	3.97E-04	1.83E-04	1.19E-07	3.60E-07	2.08E-07	2.40E-07	2.18E-07	9.94E-08	4.58E-08	3.98E-09	9.61E-08	2.12E-08	3.26E-08	5.18E-08	9.13E-09	2.40E-08	2.39E-07
2722	490860.04	3859160.04	3.44E-04	3.98E-04	1.83E-04	1.19E-07	3.60E-07	2.09E-07	2.41E-07	2.18E-07	9.97E-08	4.58E-08	3.99E-09	9.63E-08	2.12E-08	3.27E-08	5.19E-08	9.15E-09	2.41E-08	2.39E-07
2723	490360.04	3859210.04	3.17E-04	3.65E-04	1.69E-04	1.10E-07	3.31E-07	1.92E-07	2.21E-07	2.01E-07	9.16E-08	4.23E-08	3.67E-09	8.85E-08	1.95E-08	3.01E-08	4.77E-08	8.40E-09	2.22E-08	2.20E-07
2724	490410.04	3859210.04	3.18E-04	3.67E-04	1.70E-04	1.10E-07	3.33E-07	1.93E-07	2.23E-07	2.02E-07	9.21E-08	4.25E-08	3.68E-09	8.90E-08	1.96E-08	3.02E-08	4.79E-08	8.45E-09	2.23E-08	2.21E-07
2725	490460.04	3859210.04	3.21E-04	3.70E-04	1.71E-04	1.11E-07	3.36E-07	1.94E-07	2.24E-07	2.03E-07	9.28E-08	4.28E-08	3.71E-09	8.97E-08	1.98E-08	3.05E-08	4.83E-08	8.52E-09	2.25E-08	2.23E-07
2726	490510.04	3859210.04	3.23E-04	3.73E-04	1.72E-04	1.12E-07	3.38E-07	1.96E-07	2.26E-07	2.05E-07	9.34E-08	4.30E-08	3.74E-09	9.03E-08	1.99E-08	3.07E-08	4.86E-08	8.57E-09	2.26E-08	2.24E-07
2727	490560.04	3859210.04	3.25E-04	3.75E-04	1.73E-04	1.13E-07	3.40E-07	1.97E-07	2.27E-07	2.06E-07	9.39E-08	4.33E-08	3.76E-09	9.08E-08	2.00E-08	3.08E-08	4.89E-08	8.62E-09	2.27E-08	2.26E-07
2728	490610.04	3859210.04	3.27E-04	3.77E-04	1.74E-04	1.13E-07	3.42E-07	1.98E-07	2.28E-07	2.07E-07	9.45E-08	4.35E-08	3.78E-09	9.13E-08	2.01E-08	3.10E-08	4.92E-08	8.67E-09	2.28E-08	2.27E-07
2729	490660.04	3859210.04	3.28E-04	3.79E-04	1.74E-04	1.14E-07	3.43E-07	1.99E-07	2.29E-07	2.08E-07	9.49E-08	4.37E-08	3.80E-09	9.17E-08	2.02E-08	3.12E-08	4.94E-08	8.71E-09	2.29E-08	2.28E-07
2730	490710.04	3859210.04	3.30E-04	3.81E-04	1.75E-04	1.14E-07	3.45E-07	2.00E-07	2.31E-07	2.09E-07	9.54E-08	4.39E-08	3.82E-09	9.22E-08	2.03E-08	3.13E-08	4.97E-08	8.75E-09	2.30E-08	2.29E-07
2731	490760.04	3859210.04	3.30E-04	3.81E-04	1.75E-04	1.14E-07	3.45E-07	2.00E-07	2.31E-07	2.09E-07	9.53E-08	4.39E-08	3.81E-09	9.21E-08	2.03E-08	3.13E-08	4.96E-08	8.75E-09	2.30E-08	2.29E-07
2732	490810.04	3859210.04	3.31E-04	3.82E-04	1.76E-04	1.15E-07	3.46E-07	2.01E-07	2.32E-07	2.10E-07	9.58E-08	4.41E-08	3.83E-09	9.26E-08	2.04E-08	3.14E-08	4.99E-08	8.79E-09	2.31E-08	2.30E-07
2733	490860.04	3859210.04	3.33E-04	3.84E-04	1.77E-04	1.15E-07	3.48E-07	2.01E-07	2.33E-07	2.11E-07	9.62E-08	4.43E-08	3.85E-09	9.30E-08	2.05E-08	3.16E-08	5.01E-08	8.83E-09	2.32E-08	2.31E-07
2734	490360.04	3859260.04	3.06E-04	3.53E-04	1.63E-04	1.06E-07	3.20E-07	1.85E-07	2.14E-07	1.94E-07	8.85E-08	4.09E-08	3.54E-09	8.56E-08	1.89E-08	2.90E-08	4.61E-08	8.12E-09	2.14E-08	2.13E-07
2735	490410.04	3859260.04	3.08E-04	3.55E-04	1.64E-04	1.07E-07	3.22E-07	1.86E-07	2.15E-07	1.95E-07	8.89E-08	4.10E-08	3.56E-09	8.60E-08	1.90E-08	2.92E-08	4.63E-08	8.16E-09	2.15E-08	2.14E-07
2736	490460.04	3859260.04	3.09E-04	3.57E-04	1.65E-04	1.07E-07	3.23E-07	1.87E-07	2.16E-07	1.96E-07	8.93E-08	4.12E-08	3.58E-09	8.64E-08	1.91E-08	2.93E-08	4.65E-08	8.20E-09	2.16E-08	2.15E-07
2737	490510.04	3859260.04	3.10E-04	3.58E-04	1.65E-04	1.08E-07	3.25E-07	1.88E-07	2.17E-07	1.97E-07	8.98E-08	4.14E-08	3.59E-09	8.68E-08	1.91E-08	2.95E-08	4.67E-08	8.24E-09	2.17E-08	2.16E-07
2738	490560.04	3859260.04	3.12E-04	3.60E-04	1.66E-04	1.08E-07	3.27E-07	1.89E-07	2.18E-07	1.98E-07	9.03E-08	4.16E-08	3.61E-09	8.73E-08	1.93E-08	2.96E-08	4.70E-08	8.29E-09	2.19E-08	2.17E-07
2739	490610.04	3859260.04	3.14E-04	3.63E-04	1.67E-04	1.09E-07	3.29E-07	1.90E-07	2.20E-07	1.99E-07	9.09E-08	4.19E-08	3.64E-09	8.78E-08	1.94E-08	2.98E-08	4.73E-08	8.34E-09	2.20E-08	2.18E-07
2740	490660.04	3859260.04	3.16E-04	3.64E-04	1.68E-04	1.09E-07	3.30E-07	1.91E-07	2.21E-07	2.00E-07	9.13E-08	4.21E-08	3.65E-09	8.83E-08	1.95E-08	3.00E-08	4.76E-08	8.38E-09	2.21E-08	2.19E-07
2741	490710.04	3859260.04	3.17E-04	3.66E-04	1.69E-04	1.10E-07	3.32E-07	1.92E-07	2.22E-07	2.01E-07	9.18E-08	4.23E-08	3.67E-09	8.87E-08	1.96E-08	3.01E-08	4.78E-08	8.42E-09	2.22E-08	2.21E-07
2742	490760.04	3859260.04	3.19E-04	3.68E-04	1.69E-04	1.10E-07	3.34E-07	1.93E-07	2.23E-07	2.02E-07	9.22E-08	4.25E-08	3.69E-09	8.91E-08	1.97E-08	3.03E-08	4.80E-08	8.46E-09	2.23E-08	2.22E-07
2743	490810.04	3859260.04	3.20E-04	3.70E-04	1.70E-04	1.11E-07	3.35E-07	1.94E-07	2.24E-07	2.03E-07	9.27E-08	4.27E-08	3.71E-09	8.96E-08	1.98E-08	3.04E-08	4.83E-08	8.51E-09	2.24E-08	2.23E-07
2744	490860.04	3859260.04	3.22E-04	3.72E-04	1.71E-04	1.12E-07	3.37E-07	1.95E-07	2.25E-07	2.04E-07	9.31E-08	4.28E-08	3.73E-09	9.00E-08	1.99E-08	3.06E-08	4.85E-08	8.55E-09	2.25E-08	2.24E-07
2745	490360.04	3859310.04	2.96E-04	3.41E-04	1.58E-04	1.02E-07	3.09E-07	1.79E-07	2.07E-07	1.87E-07	8.55E-08	3.95E-08	3.42E-09	8.26E-08	1.82E-08	2.81E-08	4.45E-08	7.84E-09	2.07E-08	2.05E-07
2746	490410.04	3859310.04	2.97E-04	3.43E-04	1.58E-04	1.03E-07	3.11E-07	1.80E-07	2.08E-07	1.88E-07	8.58E-08	3.96E-08	3.44E-09	8.30E-08	1.83E-08	2.82E-08	4.47E-08	7.88E-09	2.08E-08	2.06E-07
2747	490460.04	3859310.04	2.98E-04	3.44E-04	1.59E-04	1.03E-07	3.12E-07	1.81E-07	2.08E-07	1.89E-07	8.62E-08	3.98E-08	3.45E-09	8.33E-08	1.84E-08	2.83E-08	4.49E-08	7.91E-09	2.09E-08	2.07E-07
2748	490510.04	3859310.04	2.99E-04	3.45E-04	1.59E-04	1.04E-07	3.13E-07	1.81E-07	2.09E-07	1.90E-07	8.65E-08	3.99E-08	3.46E-09	8.36E-08	1.85E-08	2.84E-08	4.51E-08	7.94E-09	2.10E-08	2.08E-07

2749	490560.04	3859310.04	3.01E-04	3.47E-04	1.60E-04	1.04E-07	3.15E-07	1.82E-07	2.10E-07	1.91E-07	8.69E-08	4.01E-08	3.48E-09	8.40E-08	1.85E-08	2.85E-08	4.53E-08	7.98E-09	2.10E-08	2.09E-07
2750	490610.04	3859310.04	3.02E-04	3.49E-04	1.61E-04	1.05E-07	3.16E-07	1.83E-07	2.11E-07	1.91E-07	8.73E-08	4.03E-08	3.49E-09	8.44E-08	1.86E-08	2.87E-08	4.55E-08	8.01E-09	2.11E-08	2.10E-07
2751	490660.04	3859310.04	3.04E-04	3.50E-04	1.62E-04	1.05E-07	3.18E-07	1.84E-07	2.12E-07	1.92E-07	8.78E-08	4.05E-08	3.51E-09	8.49E-08	1.87E-08	2.88E-08	4.57E-08	8.06E-09	2.12E-08	2.11E-07
2752	490710.04	3859310.04	3.06E-04	3.53E-04	1.62E-04	1.06E-07	3.20E-07	1.85E-07	2.14E-07	1.94E-07	8.84E-08	4.07E-08	3.54E-09	8.54E-08	1.88E-08	2.90E-08	4.60E-08	8.11E-09	2.14E-08	2.12E-07
2753	490760.04	3859310.04	3.07E-04	3.54E-04	1.63E-04	1.06E-07	3.21E-07	1.86E-07	2.15E-07	1.95E-07	8.88E-08	4.09E-08	3.55E-09	8.58E-08	1.89E-08	2.92E-08	4.63E-08	8.15E-09	2.15E-08	2.13E-07
2754	490810.04	3859310.04	3.09E-04	3.56E-04	1.64E-04	1.07E-07	3.23E-07	1.87E-07	2.16E-07	1.96E-07	8.93E-08	4.11E-08	3.57E-09	8.63E-08	1.90E-08	2.93E-08	4.65E-08	8.19E-09	2.16E-08	2.14E-07
2755	490860.04	3859310.04	3.10E-04	3.58E-04	1.65E-04	1.07E-07	3.24E-07	1.88E-07	2.17E-07	1.97E-07	8.97E-08	4.13E-08	3.59E-09	8.67E-08	1.91E-08	2.94E-08	4.67E-08	8.23E-09	2.17E-08	2.15E-07
2756	490360.04	3859360.04	2.86E-04	3.30E-04	1.53E-04	9.91E-08	2.99E-07	1.73E-07	2.00E-07	1.81E-07	8.27E-08	3.82E-08	3.31E-09	7.99E-08	1.76E-08	2.71E-08	4.30E-08	7.59E-09	2.01E-08	1.99E-07
2757	490410.04	3859360.04	2.87E-04	3.31E-04	1.53E-04	9.94E-08	3.00E-07	1.74E-07	2.00E-07	1.82E-07	8.29E-08	3.83E-08	3.32E-09	8.01E-08	1.77E-08	2.72E-08	4.32E-08	7.61E-09	2.01E-08	1.99E-07
2758	490460.04	3859360.04	2.87E-04	3.32E-04	1.53E-04	9.96E-08	3.01E-07	1.74E-07	2.01E-07	1.82E-07	8.31E-08	3.84E-08	3.33E-09	8.04E-08	1.77E-08	2.73E-08	4.33E-08	7.63E-09	2.02E-08	2.00E-07
2759	490510.04	3859360.04	2.88E-04	3.33E-04	1.54E-04	1.00E-07	3.02E-07	1.75E-07	2.02E-07	1.83E-07	8.34E-08	3.85E-08	3.34E-09	8.06E-08	1.78E-08	2.74E-08	4.34E-08	7.65E-09	2.02E-08	2.00E-07
2760	490560.04	3859360.04	2.90E-04	3.34E-04	1.54E-04	1.00E-07	3.03E-07	1.76E-07	2.03E-07	1.84E-07	8.38E-08	3.87E-08	3.35E-09	8.10E-08	1.79E-08	2.75E-08	4.36E-08	7.69E-09	2.03E-08	2.01E-07
2761	490610.04	3859360.04	2.91E-04	3.36E-04	1.55E-04	1.01E-07	3.05E-07	1.76E-07	2.04E-07	1.85E-07	8.42E-08	3.89E-08	3.37E-09	8.14E-08	1.80E-08	2.76E-08	4.39E-08	7.73E-09	2.04E-08	2.02E-07
2762	490660.04	3859360.04	2.93E-04	3.38E-04	1.56E-04	1.01E-07	3.06E-07	1.77E-07	2.05E-07	1.85E-07	8.46E-08	3.90E-08	3.39E-09	8.18E-08	1.80E-08	2.78E-08	4.41E-08	7.77E-09	2.05E-08	2.03E-07
2763	490710.04	3859360.04	2.94E-04	3.40E-04	1.57E-04	1.02E-07	3.08E-07	1.78E-07	2.06E-07	1.86E-07	8.51E-08	3.92E-08	3.40E-09	8.22E-08	1.81E-08	2.79E-08	4.43E-08	7.81E-09	2.06E-08	2.04E-07
2764	490760.04	3859360.04	2.96E-04	3.41E-04	1.57E-04	1.03E-07	3.10E-07	1.79E-07	2.07E-07	1.88E-07	8.56E-08	3.94E-08	3.42E-09	8.27E-08	1.82E-08	2.81E-08	4.46E-08	7.85E-09	2.07E-08	2.06E-07
2765	490810.04	3859360.04	2.97E-04	3.43E-04	1.58E-04	1.03E-07	3.11E-07	1.80E-07	2.08E-07	1.88E-07	8.60E-08	3.96E-08	3.44E-09	8.31E-08	1.83E-08	2.82E-08	4.48E-08	7.89E-09	2.08E-08	2.06E-07
2766	490860.04	3859360.04	2.99E-04	3.45E-04	1.59E-04	1.04E-07	3.13E-07	1.81E-07	2.09E-07	1.89E-07	8.64E-08	3.98E-08	3.46E-09	8.35E-08	1.84E-08	2.84E-08	4.50E-08	7.93E-09	2.09E-08	2.08E-07
2767	490360.04	3859410.04	2.77E-04	3.19E-04	1.48E-04	9.60E-08	2.90E-07	1.68E-07	1.94E-07	1.75E-07	8.00E-08	3.70E-08	3.20E-09	7.74E-08	1.71E-08	2.63E-08	4.17E-08	7.35E-09	1.94E-08	1.92E-07
2768	490410.04	3859410.04	2.77E-04	3.20E-04	1.48E-04	9.61E-08	2.90E-07	1.68E-07	1.94E-07	1.76E-07	8.02E-08	3.71E-08	3.21E-09	7.75E-08	1.71E-08	2.63E-08	4.17E-08	7.36E-09	1.95E-08	1.93E-07
2769	490460.04	3859410.04	2.78E-04	3.21E-04	1.48E-04	9.63E-08	2.91E-07	1.68E-07	1.94E-07	1.76E-07	8.03E-08	3.71E-08	3.22E-09	7.77E-08	1.71E-08	2.64E-08	4.18E-08	7.37E-09	1.95E-08	1.93E-07
2770	490510.04	3859410.04	2.79E-04	3.22E-04	1.49E-04	9.66E-08	2.92E-07	1.69E-07	1.95E-07	1.77E-07	8.06E-08	3.72E-08	3.23E-09	7.79E-08	1.72E-08	2.65E-08	4.20E-08	7.40E-09	1.95E-08	1.94E-07
2771	490560.04	3859410.04	2.80E-04	3.23E-04	1.49E-04	9.69E-08	2.93E-07	1.69E-07	1.95E-07	1.77E-07	8.09E-08	3.73E-08	3.24E-09	7.82E-08	1.72E-08	2.65E-08	4.21E-08	7.42E-09	1.96E-08	1.94E-07
2772	490610.04	3859410.04	2.81E-04	3.24E-04	1.50E-04	9.73E-08	2.94E-07	1.70E-07	1.96E-07	1.78E-07	8.12E-08	3.75E-08	3.25E-09	7.85E-08	1.73E-08	2.66E-08	4.23E-08	7.45E-09	1.97E-08	1.95E-07
2773	490660.04	3859410.04	2.82E-04	3.26E-04	1.50E-04	9.78E-08	2.95E-07	1.71E-07	1.97E-07	1.79E-07	8.16E-08	3.76E-08	3.27E-09	7.89E-08	1.74E-08	2.68E-08	4.25E-08	7.49E-09	1.98E-08	1.96E-07
2774	490710.04	3859410.04	2.84E-04	3.27E-04	1.51E-04	9.83E-08	2.97E-07	1.72E-07	1.98E-07	1.80E-07	8.20E-08	3.78E-08	3.28E-09	7.93E-08	1.75E-08	2.69E-08	4.27E-08	7.52E-09	1.98E-08	1.97E-07
2775	490760.04	3859410.04	2.85E-04	3.29E-04	1.52E-04	9.88E-08	2.98E-07	1.73E-07	1.99E-07	1.81E-07	8.25E-08	3.80E-08	3.30E-09	7.97E-08	1.76E-08	2.71E-08	4.29E-08	7.57E-09	1.99E-08	1.98E-07
2776	490810.04	3859410.04	2.86E-04	3.31E-04	1.52E-04	9.92E-08	3.00E-07	1.73E-07	2.00E-07	1.82E-07	8.28E-08	3.82E-08	3.31E-09	8.01E-08	1.77E-08	2.72E-08	4.31E-08	7.60E-09	2.00E-08	1.99E-07
2777	490860.04	3859410.04	2.88E-04	3.32E-04	1.53E-04	9.97E-08	3.01E-07	1.74E-07	2.01E-07	1.82E-07	8.32E-08	3.83E-08	3.33E-09	8.04E-08	1.77E-08	2.73E-08	4.33E-08	7.63E-09	2.01E-08	2.00E-07
2778	490360.04	3859460.04	2.69E-04	3.10E-04	1.44E-04	9.31E-08	2.81E-07	1.63E-07	1.88E-07	1.70E-07	7.77E-08	3.60E-08	3.11E-09	7.51E-08	1.66E-08	2.55E-08	4.04E-08	7.13E-09	1.89E-08	1.87E-07
2779	490410.04	3859460.04	2.69E-04	3.10E-04	1.44E-04	9.33E-08	2.82E-07	1.63E-07	1.88E-07	1.70E-07	7.78E-08	3.60E-08	3.11E-09	7.52E-08	1.66E-08	2.55E-08	4.05E-08	7.14E-09	1.89E-08	1.87E-07
2780	490460.04	3859460.04	2.69E-04	3.11E-04	1.44E-04	9.34E-08	2.82E-07	1.63E-07	1.88E-07	1.71E-07	7.79E-08	3.60E-08	3.12E-09	7.53E-08	1.66E-08	2.56E-08	4.06E-08	7.15E-09	1.89E-08	1.87E-07
2781	490510.04	3859460.04	2.70E-04	3.11E-04	1.44E-04	9.35E-08	2.82E-07	1.64E-07	1.89E-07	1.71E-07	7.80E-08	3.61E-08	3.12E-09	7.55E-08	1.66E-08	2.56E-08	4.06E-08	7.16E-09	1.89E-08	1.88E-07
2782	490560.04	3859460.04	2.71E-04	3.12E-04	1.44E-04	9.38E-08	2.83E-07	1.64E-07	1.89E-07	1.71E-07	7.82E-08	3.61E-08	3.13E-09	7.56E-08	1.67E-08	2.57E-08	4.07E-08	7.18E-09	1.90E-08	1.88E-07
2783	490610.04	3859460.04	2.71E-04	3.13E-04	1.45E-04	9.41E-08	2.84E-07	1.64E-07	1.90E-07	1.72E-07	7.85E-08	3.62E-08	3.14E-09	7.59E-08	1.67E-08	2.58E-08	4.09E-08	7.20E-09	1.90E-08	1.89E-07
2784	490660.04	3859460.04	2.73E-04	3.15E-04	1.45E-04	9.45E-08	2.85E-07	1.65E-07	1.91E-07	1.73E-07	7.88E-08	3.64E-08	3.15E-09	7.62E-08	1.68E-08	2.59E-08	4.10E-08	7.23E-09	1.91E-08	1.89E-07
2785	490710.04	3859460.04	2.73E-04	3.16E-04	1.46E-04	9.48E-08	2.86E-07	1.66E-07	1.91E-07	1.73E-07	7.91E-08	3.65E-08	3.16E-09	7.64E-08	1.69E-08	2.60E-08	4.12E-08	7.26E-09	1.91E-08	1.90E-07
2786	490760.04	3859460.04	2.75E-04	3.17E-04	1.46E-04	9.52E-08	2.88E-07	1.66E-07	1.92E-07	1.74E-07	7.95E-08	3.66E-08	3.18E-09	7.68E-08	1.69E-08	2.61E-08	4.14E-08	7.29E-09	1.92E-08	1.91E-07
2787	490810.04	3859460.04	2.76E-04	3.19E-04	1.47E-04	9.57E-08	2.89E-07	1.67E-07	1.93E-07	1.75E-07	7.98E-08	3.68E-08	3.19E-09	7.72E-08	1.70E-08	2.62E-08	4.16E-08	7.33E-09	1.93E-08	1.92E-07
2788	490860.04	3859460.04	2.77E-04	3.20E-04	1.47E-04	9.60E-08	2.90E-07	1.68E-07	1.94E-07	1.76E-07	8.02E-08	3.69E-08	3.21E-09	7.75E-08	1.71E-08	2.63E-08	4.17E-08	7.36E-09	1.94E-08	1.93E-07
2789	490360.04	3859510.04	2.61E-04	3.02E-04	1.40E-04	9.06E-08	2.74E-07	1.58E-07	1.83E-07	1.66E-07	7.55E-08	3.50E-08	3.03E-09	7.31E-08	1.61E-08	2.48E-08	3.93E-08	6.93E-09	1.84E-08	1.82E-07
2790	490410.04	3859510.04	2.61E-04	3.01E-04	1.40E-04	9.06E-08	2.73E-07	1.58E-07	1.83E-07	1.66E-07	7.55E-08	3.50E-08	3.02E-09	7.30E-08	1.61E-08	2.48E-08	3.93E-08	6.93E-09	1.84E-08	1.82E-07
2791	490460.04	3859510.04	2.61E-04	3.02E-04	1.40E-04	9.06E-08	2.74E-07	1.58E-07	1.83E-07	1.66E-07	7.56E-08	3.50E-08	3.03E-09	7.31E-08	1.61E-08	2.48E-08	3.94E-08	6.94E-09	1.84E-08	1.82E-07
2792	490510.04	3859510.04	2.62E-04	3.02E-04	1.40E-04	9.07E-08	2.74E-07	1.59E-07	1.83E-07	1.66E-07	7.57E-08	3.50E-08	3.03E-09	7.32E-08	1.61E-08	2.48E-08	3.94E-08	6.94E-09	1.84E-08	1.82E-07
2793	490560.04	3859510.04	2.62E-04	3.02E-04	1.40E-04	9.09E-08	2.74E-07	1.59E-07	1.83E-07	1.66E-07	7.58E-08	3.50E-08	3.03E-09	7.33E-08	1.62E-08	2.49E-08	3.95E-08	6.96E-09	1.84E-08	1.82E-07
2794	490610.04	3859510.04	2.63E-04	3.03E-04	1.40E-04	9.11E-08	2.75E-07	1.59E-07	1.84E-07	1.67E-07	7.60E-08	3.51E-08	3.04E-09	7.35E-08	1.62E-08	2.49E-08	3.96E-08	6.97E-09	1.84E-08	1.83E-07
2795	490660.04	3859510.04	2.64E-04	3.04E-04	1.40E-04	9.14E-08	2.76E-07	1.60E-07	1.84E-07	1.67E-07	7.62E-08	3.52E-08	3.05E-09	7.37E-08	1.63E-08	2.50E-08	3.97E-08	7.00E-09	1.85E-08	1.83E-07
2796	490710.04	3859510.04	2.65E-04	3.05E-04	1.41E-04	9.17E-08	2.77E-07	1.60E-07	1.85E-07	1.68E-07	7.65E-08	3.53E-08	3.06E-09	7.39E-08	1.63E-08	2.51E-08	3.98E-08	7.02E-09	1.85E-08	1.84E-07
2797	490760.04	3859510.04	2.65E-04	3.06E-04	1.41E-04	9.20E-08	2.78E-07	1.61E-07	1.86E-07	1.68E-07	7.68E-08	3.54E-08	3.07E-09	7.42E-08	1.64E-08	2.52E-08	4.00E-08	7.05E-09	1.86E-08	1.84E-07
2798	490810.04	3859510.04	2.66E-04	3.07E-04	1.42E-04	9.23E-08	2.79E-07	1.61E-07	1.86E-07	1.69E-07	7.70E-08	3.55E-08	3.08E-09	7.45E-08	1.64E-08	2.53E-08	4.01E-08	7.07E-09	1.86E-08	1.85E-07
2799	490860.04	3859510.04	2.68E-04	3.09E-04	1.42E-04	9.27E-08	2.80E-07	1.62E-07	1.87E-07	1.70E-07	7.74E-08	3.57E-08	3.10E-09	7.48E-08	1.65E-08	2.54E-08	4.03E-08	7.10E-09	1.87E-08	1.86E-07
2800	490360.04	3859560.04	2.55E-04	2.94E-04	1.36E-04	8.82E-08	2.66E-07	1.54E-07	1.78E-07	1.61E-07	7.36E-08	3.41E-08	2.95E-09	7.12E-08	1.57E-08	2.42E-08	3.83E-08	6.75E-09	1.79E-08	1.77E-07
2801	490410.04	3859560.04	2.54E-04	2.93E-04	1.36E-04	8.81E-08	2.66E-07	1.54E-07	1.78E-07	1.61E-07	7.35E-08	3.40E-08	2.94E-09	7.11E-08	1.57E-08	2.41E-08	3.83E-08	6.74E-09	1.79E-08	1.77E-07

2802	490460.04	3859560.04	2.54E-04	2.93E-04	1.36E-04	8.81E-08	2.66E-07	1.54E-07	1.78E-07	1.61E-07	7.34E-08	3.40E-08	2.94E-09	7.10E-08	1.57E-08	2.41E-08	3.82E-08	6.74E-09	1.78E-08	1.77E-07
2803	490510.04	3859560.04	2.54E-04	2.93E-04	1.36E-04	8.82E-08	2.66E-07	1.54E-07	1.78E-07	1.61E-07	7.35E-08	3.40E-08	2.94E-09	7.11E-08	1.57E-08	2.41E-08	3.83E-08	6.75E-09	1.79E-08	1.77E-07
2804	490560.04	3859560.04	2.54E-04	2.94E-04	1.36E-04	8.82E-08	2.66E-07	1.54E-07	1.78E-07	1.61E-07	7.36E-08	3.40E-08	2.94E-09	7.11E-08	1.57E-08	2.41E-08	3.83E-08	6.75E-09	1.79E-08	1.77E-07
2805	490610.04	3859560.04	2.55E-04	2.94E-04	1.36E-04	8.83E-08	2.67E-07	1.54E-07	1.78E-07	1.61E-07	7.37E-08	3.41E-08	2.95E-09	7.13E-08	1.57E-08	2.42E-08	3.84E-08	6.76E-09	1.79E-08	1.77E-07
2806	490660.04	3859560.04	2.55E-04	2.95E-04	1.36E-04	8.85E-08	2.67E-07	1.55E-07	1.79E-07	1.62E-07	7.38E-08	3.41E-08	2.96E-09	7.14E-08	1.58E-08	2.42E-08	3.84E-08	6.78E-09	1.79E-08	1.77E-07
2807	490710.04	3859560.04	2.56E-04	2.96E-04	1.36E-04	8.88E-08	2.68E-07	1.55E-07	1.79E-07	1.62E-07	7.41E-08	3.42E-08	2.96E-09	7.16E-08	1.58E-08	2.43E-08	3.86E-08	6.80E-09	1.79E-08	1.78E-07
2808	490760.04	3859560.04	2.57E-04	2.97E-04	1.37E-04	8.91E-08	2.69E-07	1.56E-07	1.80E-07	1.63E-07	7.43E-08	3.43E-08	2.97E-09	7.19E-08	1.59E-08	2.44E-08	3.87E-08	6.82E-09	1.80E-08	1.79E-07
2809	490810.04	3859560.04	2.58E-04	2.98E-04	1.37E-04	8.94E-08	2.70E-07	1.56E-07	1.80E-07	1.63E-07	7.46E-08	3.44E-08	2.98E-09	7.21E-08	1.59E-08	2.45E-08	3.88E-08	6.84E-09	1.81E-08	1.79E-07
2810	490860.04	3859560.04	2.59E-04	2.99E-04	1.38E-04	8.97E-08	2.71E-07	1.57E-07	1.81E-07	1.64E-07	7.49E-08	3.45E-08	3.00E-09	7.24E-08	1.60E-08	2.46E-08	3.90E-08	6.87E-09	1.81E-08	1.80E-07
2811	490187.25	3859422.08	2.75E-04	3.17E-04	1.47E-04	9.53E-08	2.88E-07	1.67E-07	1.92E-07	1.74E-07	7.94E-08	3.69E-08	3.18E-09	7.69E-08	1.70E-08	2.61E-08	4.14E-08	7.29E-09	1.93E-08	1.91E-07
2812	490237.25	3859422.08	2.75E-04	3.17E-04	1.47E-04	9.52E-08	2.87E-07	1.66E-07	1.92E-07	1.74E-07	7.94E-08	3.68E-08	3.18E-09	7.68E-08	1.69E-08	2.61E-08	4.13E-08	7.28E-09	1.93E-08	1.91E-07
2813	490287.25	3859422.08	2.75E-04	3.17E-04	1.47E-04	9.52E-08	2.87E-07	1.66E-07	1.92E-07	1.74E-07	7.94E-08	3.68E-08	3.18E-09	7.68E-08	1.69E-08	2.60E-08	4.13E-08	7.28E-09	1.93E-08	1.91E-07
2814	490337.25	3859422.08	2.75E-04	3.17E-04	1.47E-04	9.53E-08	2.88E-07	1.66E-07	1.92E-07	1.74E-07	7.94E-08	3.68E-08	3.18E-09	7.68E-08	1.70E-08	2.61E-08	4.14E-08	7.29E-09	1.93E-08	1.91E-07
2815	490187.25	3859472.08	2.68E-04	3.09E-04	1.44E-04	9.29E-08	2.81E-07	1.62E-07	1.87E-07	1.70E-07	7.75E-08	3.60E-08	3.10E-09	7.50E-08	1.65E-08	2.54E-08	4.03E-08	7.11E-09	1.89E-08	1.86E-07
2816	490237.25	3859472.08	2.68E-04	3.09E-04	1.43E-04	9.27E-08	2.80E-07	1.62E-07	1.87E-07	1.69E-07	7.73E-08	3.59E-08	3.10E-09	7.48E-08	1.65E-08	2.54E-08	4.03E-08	7.09E-09	1.88E-08	1.86E-07
2817	490287.25	3859472.08	2.67E-04	3.08E-04	1.43E-04	9.26E-08	2.80E-07	1.62E-07	1.87E-07	1.69E-07	7.73E-08	3.58E-08	3.09E-09	7.47E-08	1.65E-08	2.54E-08	4.02E-08	7.09E-09	1.88E-08	1.86E-07
2818	490337.25	3859472.08	2.67E-04	3.08E-04	1.43E-04	9.25E-08	2.79E-07	1.62E-07	1.87E-07	1.69E-07	7.72E-08	3.58E-08	3.09E-09	7.46E-08	1.65E-08	2.53E-08	4.02E-08	7.08E-09	1.88E-08	1.86E-07
2819	490297.07	3859500.42	2.63E-04	3.04E-04	1.41E-04	9.12E-08	2.75E-07	1.59E-07	1.84E-07	1.67E-07	7.61E-08	3.53E-08	3.05E-09	7.36E-08	1.62E-08	2.50E-08	3.96E-08	6.98E-09	1.85E-08	1.83E-07
2820	490327.07	3859500.42	2.63E-04	3.03E-04	1.40E-04	9.11E-08	2.75E-07	1.59E-07	1.84E-07	1.66E-07	7.59E-08	3.52E-08	3.04E-09	7.35E-08	1.62E-08	2.49E-08	3.95E-08	6.97E-09	1.85E-08	1.83E-07
2821	490297.07	3859530.42	2.59E-04	2.99E-04	1.39E-04	8.98E-08	2.71E-07	1.57E-07	1.81E-07	1.64E-07	7.48E-08	3.47E-08	3.00E-09	7.24E-08	1.60E-08	2.46E-08	3.90E-08	6.87E-09	1.82E-08	1.80E-07
2822	490327.07	3859530.42	2.59E-04	2.98E-04	1.38E-04	8.97E-08	2.71E-07	1.57E-07	1.81E-07	1.64E-07	7.48E-08	3.47E-08	2.99E-09	7.23E-08	1.60E-08	2.45E-08	3.89E-08	6.86E-09	1.82E-08	1.80E-07
2823	490319.73	3859055.34	3.54E-04	4.09E-04	1.88E-04	1.23E-07	3.71E-07	2.15E-07	2.48E-07	2.25E-07	1.02E-07	4.72E-08	4.10E-09	9.90E-08	2.19E-08	3.36E-08	5.34E-08	9.40E-09	2.48E-08	2.46E-07
2824	490319.73	3859105.34	3.41E-04	3.93E-04	1.81E-04	1.18E-07	3.57E-07	2.06E-07	2.38E-07	2.16E-07	9.85E-08	4.54E-08	3.94E-09	9.52E-08	2.10E-08	3.23E-08	5.13E-08	9.04E-09	2.38E-08	2.37E-07
2825	490069.73	3859155.34	3.21E-04	3.71E-04	1.72E-04	1.11E-07	3.36E-07	1.95E-07	2.25E-07	2.04E-07	9.29E-08	4.30E-08	3.72E-09	8.99E-08	1.98E-08	3.05E-08	4.84E-08	8.53E-09	2.26E-08	2.23E-07
2826	490119.73	3859155.34	3.22E-04	3.72E-04	1.72E-04	1.12E-07	3.37E-07	1.95E-07	2.25E-07	2.04E-07	9.31E-08	4.30E-08	3.73E-09	9.00E-08	1.99E-08	3.06E-08	4.85E-08	8.54E-09	2.26E-08	2.24E-07
2827	490269.73	3859155.34	3.26E-04	3.76E-04	1.73E-04	1.13E-07	3.41E-07	1.97E-07	2.28E-07	2.06E-07	9.41E-08	4.35E-08	3.77E-09	9.10E-08	2.01E-08	3.09E-08	4.90E-08	8.64E-09	2.28E-08	2.26E-07
2828	490319.73	3859155.34	3.28E-04	3.78E-04	1.75E-04	1.14E-07	3.43E-07	1.99E-07	2.29E-07	2.08E-07	9.48E-08	4.37E-08	3.79E-09	9.16E-08	2.02E-08	3.11E-08	4.94E-08	8.70E-09	2.30E-08	2.28E-07
2829	490069.73	3859205.34	3.11E-04	3.59E-04	1.66E-04	1.08E-07	3.25E-07	1.88E-07	2.17E-07	1.97E-07	8.99E-08	4.16E-08	3.60E-09	8.69E-08	1.92E-08	2.95E-08	4.68E-08	8.25E-09	2.18E-08	2.16E-07
2830	490119.73	3859205.34	3.11E-04	3.59E-04	1.66E-04	1.08E-07	3.25E-07	1.88E-07	2.17E-07	1.97E-07	8.98E-08	4.16E-08	3.60E-09	8.69E-08	1.92E-08	2.95E-08	4.68E-08	8.24E-09	2.18E-08	2.16E-07
2831	490169.73	3859205.34	3.11E-04	3.59E-04	1.66E-04	1.08E-07	3.26E-07	1.89E-07	2.18E-07	1.97E-07	9.00E-08	4.16E-08	3.60E-09	8.70E-08	1.92E-08	2.95E-08	4.69E-08	8.26E-09	2.19E-08	2.16E-07
2832	490219.73	3859205.34	3.13E-04	3.61E-04	1.67E-04	1.08E-07	3.27E-07	1.90E-07	2.19E-07	1.98E-07	9.04E-08	4.18E-08	3.62E-09	8.75E-08	1.93E-08	2.97E-08	4.71E-08	8.30E-09	2.19E-08	2.17E-07
2833	490269.73	3859205.34	3.15E-04	3.63E-04	1.68E-04	1.09E-07	3.29E-07	1.91E-07	2.20E-07	1.99E-07	9.10E-08	4.21E-08	3.64E-09	8.80E-08	1.94E-08	2.99E-08	4.74E-08	8.35E-09	2.21E-08	2.19E-07
2834	490319.73	3859205.34	3.16E-04	3.65E-04	1.69E-04	1.10E-07	3.31E-07	1.92E-07	2.21E-07	2.00E-07	9.14E-08	4.22E-08	3.66E-09	8.84E-08	1.95E-08	3.00E-08	4.76E-08	8.39E-09	2.22E-08	2.20E-07
2835	490069.73	3859255.34	3.02E-04	3.48E-04	1.61E-04	1.05E-07	3.16E-07	1.83E-07	2.11E-07	1.91E-07	8.73E-08	4.04E-08	3.50E-09	8.44E-08	1.86E-08	2.87E-08	4.55E-08	8.01E-09	2.12E-08	2.10E-07
2836	490119.73	3859255.34	3.02E-04	3.48E-04	1.61E-04	1.05E-07	3.16E-07	1.83E-07	2.11E-07	1.91E-07	8.72E-08	4.04E-08	3.49E-09	8.43E-08	1.86E-08	2.86E-08	4.54E-08	8.00E-09	2.12E-08	2.10E-07
2837	490169.73	3859255.34	3.02E-04	3.48E-04	1.61E-04	1.05E-07	3.16E-07	1.83E-07	2.11E-07	1.91E-07	8.72E-08	4.04E-08	3.49E-09	8.44E-08	1.86E-08	2.86E-08	4.54E-08	8.01E-09	2.12E-08	2.10E-07
2838	490219.73	3859255.34	3.03E-04	3.49E-04	1.62E-04	1.05E-07	3.17E-07	1.83E-07	2.12E-07	1.92E-07	8.75E-08	4.05E-08	3.50E-09	8.47E-08	1.87E-08	2.87E-08	4.56E-08	8.03E-09	2.13E-08	2.10E-07
2839	490269.73	3859255.34	3.04E-04	3.51E-04	1.62E-04	1.05E-07	3.18E-07	1.84E-07	2.13E-07	1.93E-07	8.79E-08	4.07E-08	3.52E-09	8.50E-08	1.88E-08	2.89E-08	4.58E-08	8.07E-09	2.13E-08	2.11E-07
2840	490319.73	3859255.34	3.05E-04	3.52E-04	1.63E-04	1.06E-07	3.19E-07	1.85E-07	2.13E-07	1.93E-07	8.83E-08	4.08E-08	3.53E-09	8.54E-08	1.88E-08	2.90E-08	4.60E-08	8.10E-09	2.14E-08	2.12E-07
2841	490069.73	3859305.34	2.94E-04	3.39E-04	1.57E-04	1.02E-07	3.08E-07	1.78E-07	2.05E-07	1.86E-07	8.50E-08	3.94E-08	3.40E-09	8.22E-08	1.81E-08	2.79E-08	4.42E-08	7.80E-09	2.07E-08	2.04E-07
2842	490119.73	3859305.34	2.93E-04	3.38E-04	1.57E-04	1.02E-07	3.07E-07	1.78E-07	2.05E-07	1.86E-07	8.47E-08	3.93E-08	3.39E-09	8.20E-08	1.81E-08	2.78E-08	4.41E-08	7.78E-09	2.06E-08	2.04E-07
2843	490169.73	3859305.34	2.93E-04	3.38E-04	1.57E-04	1.02E-07	3.07E-07	1.78E-07	2.05E-07	1.86E-07	8.47E-08	3.92E-08	3.39E-09	8.19E-08	1.81E-08	2.78E-08	4.41E-08	7.77E-09	2.06E-08	2.04E-07
2844	490219.73	3859305.34	2.94E-04	3.39E-04	1.57E-04	1.02E-07	3.07E-07	1.78E-07	2.05E-07	1.86E-07	8.48E-08	3.93E-08	3.40E-09	8.20E-08	1.81E-08	2.78E-08	4.42E-08	7.79E-09	2.06E-08	2.04E-07
2845	490269.73	3859305.34	2.94E-04	3.39E-04	1.57E-04	1.02E-07	3.08E-07	1.78E-07	2.06E-07	1.86E-07	8.51E-08	3.94E-08	3.41E-09	8.23E-08	1.82E-08	2.79E-08	4.43E-08	7.81E-09	2.07E-08	2.04E-07
2846	490319.73	3859305.34	2.95E-04	3.41E-04	1.58E-04	1.02E-07	3.09E-07	1.79E-07	2.06E-07	1.87E-07	8.54E-08	3.95E-08	3.42E-09	8.26E-08	1.82E-08	2.80E-08	4.45E-08	7.84E-09	2.07E-08	2.05E-07
2847	490069.73	3859355.34	2.86E-04	3.30E-04	1.53E-04	9.92E-08	3.00E-07	1.73E-07	2.00E-07	1.81E-07	8.27E-08	3.84E-08	3.31E-09	8.00E-08	1.77E-08	2.72E-08	4.31E-08	7.59E-09	2.01E-08	1.99E-07
2848	490119.73	3859355.34	2.85E-04	3.29E-04	1.53E-04	9.88E-08	2.98E-07	1.73E-07	1.99E-07	1.81E-07	8.24E-08	3.82E-08	3.30E-09	7.97E-08	1.76E-08	2.71E-08	4.29E-08	7.56E-09	2.01E-08	1.98E-07
2849	490169.73	3859355.34	2.85E-04	3.28E-04	1.52E-04	9.87E-08	2.98E-07	1.73E-07	1.99E-07	1.80E-07	8.23E-08	3.81E-08	3.30E-09	7.96E-08	1.76E-08	2.70E-08	4.29E-08	7.55E-09	2.00E-08	1.98E-07
2850	490219.73	3859355.34	2.85E-04	3.29E-04	1.52E-04	9.88E-08	2.98E-07	1.73E-07	1.99E-07	1.81E-07	8.24E-08	3.82E-08	3.30E-09	7.97E-08	1.76E-08	2.70E-08	4.29E-08	7.56E-09	2.00E-08	1.98E-07
2851	490269.73	3859355.34	2.85E-04	3.29E-04	1.52E-04	9.89E-08	2.99E-07	1.73E-07	1.99E-07	1.81E-07	8.25E-08	3.82E-08	3.30E-09	7.97E-08	1.76E-08	2.71E-08	4.29E-08	7.57E-09	2.00E-08	1.98E-07
2852	490319.73	3859355.34	2.86E-04	3.30E-04	1.53E-04	9.91E-08	2.99E-07	1.73E-07	2.00E-07	1.81E-07	8.27E-08	3.83E-08	3.31E-09	8.00E-08	1.76E-08	2.71E-08	4.31E-08	7.59E-09	2.01E-08	1.99E-07
2853	490069.73	3859405.34	2.79E-04	3.22E-04	1.50E-04	9.68E-08	2.92E-07	1.69E-07	1.95E-07	1.77E-07	8.07E-08	3.75E-08	3.23E-09	7.81E-08	1.72E-08	2.65E-08	4.20E-08	7.40E-09	1.97E-08	1.94E-07
2854	490119.73	3859405.34	2.78E-04	3.21E-04	1.49E-04	9.64E-08	2.91E-07	1.68E-07	1.94E-07	1.76E-07	8.03E-08	3.73E-08	3.22E-09	7.77E-08	1.72E-08	2.64E-08	4.18E-08	7.37E-09	1.96E-08	1.93E-07

2855	490169.73	3859405.34	2.77E-04	3.20E-04	1.48E-04	9.62E-08	2.90E-07	1.68E-07	1.94E-07	1.76E-07	8.02E-08	3.72E-08	3.21E-09	7.76E-08	1.71E-08	2.63E-08	4.17E-08	7.36E-09	1.95E-08	1.93E-07
2856	490219.73	3859405.34	2.77E-04	3.20E-04	1.48E-04	9.60E-08	2.90E-07	1.68E-07	1.94E-07	1.76E-07	8.01E-08	3.71E-08	3.21E-09	7.75E-08	1.71E-08	2.63E-08	4.17E-08	7.35E-09	1.95E-08	1.93E-07
2857	490269.73	3859405.34	2.77E-04	3.20E-04	1.48E-04	9.61E-08	2.90E-07	1.68E-07	1.94E-07	1.76E-07	8.01E-08	3.71E-08	3.21E-09	7.75E-08	1.71E-08	2.63E-08	4.17E-08	7.35E-09	1.95E-08	1.93E-07
2858	490319.73	3859405.34	2.78E-04	3.20E-04	1.48E-04	9.62E-08	2.90E-07	1.68E-07	1.94E-07	1.76E-07	8.02E-08	3.71E-08	3.21E-09	7.76E-08	1.71E-08	2.63E-08	4.18E-08	7.36E-09	1.95E-08	1.93E-07
2859	490161.89	3859541.83	2.60E-04	3.00E-04	1.39E-04	9.02E-08	2.72E-07	1.58E-07	1.82E-07	1.65E-07	7.52E-08	3.49E-08	3.01E-09	7.28E-08	1.61E-08	2.47E-08	3.92E-08	6.90E-09	1.83E-08	1.81E-07
2860	490171.89	3859541.83	2.60E-04	3.00E-04	1.39E-04	9.02E-08	2.72E-07	1.58E-07	1.82E-07	1.65E-07	7.52E-08	3.49E-08	3.01E-09	7.27E-08	1.60E-08	2.47E-08	3.91E-08	6.90E-09	1.83E-08	1.81E-07
2861	490161.89	3859551.83	2.59E-04	2.99E-04	1.39E-04	8.99E-08	2.71E-07	1.57E-07	1.81E-07	1.64E-07	7.49E-08	3.48E-08	3.00E-09	7.25E-08	1.60E-08	2.46E-08	3.90E-08	6.88E-09	1.83E-08	1.80E-07
2862	490171.89	3859551.83	2.59E-04	2.99E-04	1.39E-04	8.98E-08	2.71E-07	1.57E-07	1.81E-07	1.64E-07	7.48E-08	3.48E-08	3.00E-09	7.24E-08	1.60E-08	2.46E-08	3.90E-08	6.87E-09	1.82E-08	1.80E-07
2863	489799.72	3859348.21	2.96E-04	3.42E-04	1.59E-04	1.03E-07	3.10E-07	1.80E-07	2.07E-07	1.88E-07	8.56E-08	3.98E-08	3.43E-09	8.28E-08	1.83E-08	2.81E-08	4.46E-08	7.86E-09	2.09E-08	2.06E-07
2864	489819.72	3859348.21	2.95E-04	3.41E-04	1.58E-04	1.02E-07	3.09E-07	1.79E-07	2.06E-07	1.87E-07	8.53E-08	3.97E-08	3.42E-09	8.26E-08	1.82E-08	2.80E-08	4.44E-08	7.83E-09	2.08E-08	2.05E-07
2865	489799.72	3859368.21	2.94E-04	3.39E-04	1.58E-04	1.02E-07	3.08E-07	1.78E-07	2.05E-07	1.86E-07	8.49E-08	3.95E-08	3.40E-09	8.22E-08	1.81E-08	2.79E-08	4.42E-08	7.79E-09	2.07E-08	2.04E-07
2866	489819.72	3859368.21	2.93E-04	3.38E-04	1.57E-04	1.02E-07	3.07E-07	1.78E-07	2.05E-07	1.86E-07	8.47E-08	3.94E-08	3.39E-09	8.20E-08	1.81E-08	2.78E-08	4.41E-08	7.77E-09	2.07E-08	2.04E-07
2867	489775.41	3859329.72	2.99E-04	3.45E-04	1.61E-04	1.04E-07	3.13E-07	1.81E-07	2.09E-07	1.90E-07	8.65E-08	4.02E-08	3.47E-09	8.37E-08	1.85E-08	2.84E-08	4.50E-08	7.94E-09	2.11E-08	2.08E-07
2868	489795.41	3859329.72	2.99E-04	3.44E-04	1.60E-04	1.03E-07	3.12E-07	1.81E-07	2.08E-07	1.89E-07	8.62E-08	4.01E-08	3.45E-09	8.34E-08	1.84E-08	2.83E-08	4.49E-08	7.91E-09	2.11E-08	2.07E-07
2869	489775.41	3859349.72	2.97E-04	3.43E-04	1.59E-04	1.03E-07	3.11E-07	1.80E-07	2.08E-07	1.88E-07	8.59E-08	4.00E-08	3.44E-09	8.31E-08	1.83E-08	2.82E-08	4.47E-08	7.88E-09	2.10E-08	2.07E-07
2870	489795.41	3859349.72	2.96E-04	3.42E-04	1.59E-04	1.03E-07	3.10E-07	1.80E-07	2.07E-07	1.88E-07	8.56E-08	3.98E-08	3.43E-09	8.29E-08	1.83E-08	2.81E-08	4.46E-08	7.86E-09	2.09E-08	2.06E-07
2871	489595.05	3859219.43	3.21E-04	3.70E-04	1.72E-04	1.11E-07	3.36E-07	1.95E-07	2.24E-07	2.03E-07	9.28E-08	4.32E-08	3.72E-09	8.98E-08	1.98E-08	3.05E-08	4.83E-08	8.52E-09	2.26E-08	2.23E-07
2872	489615.05	3859219.43	3.20E-04	3.69E-04	1.72E-04	1.11E-07	3.35E-07	1.94E-07	2.24E-07	2.03E-07	9.25E-08	4.30E-08	3.71E-09	8.96E-08	1.98E-08	3.04E-08	4.82E-08	8.49E-09	2.26E-08	2.23E-07
2873	489595.05	3859239.43	3.19E-04	3.67E-04	1.71E-04	1.10E-07	3.33E-07	1.93E-07	2.23E-07	2.02E-07	9.20E-08	4.28E-08	3.69E-09	8.91E-08	1.97E-08	3.02E-08	4.79E-08	8.45E-09	2.25E-08	2.21E-07
2874	489615.05	3859239.43	3.18E-04	3.66E-04	1.70E-04	1.10E-07	3.33E-07	1.93E-07	2.22E-07	2.01E-07	9.18E-08	4.27E-08	3.68E-09	8.89E-08	1.96E-08	3.01E-08	4.78E-08	8.43E-09	2.24E-08	2.21E-07
2875	489372.4	3859092.58	3.49E-04	4.03E-04	1.87E-04	1.21E-07	3.65E-07	2.11E-07	2.44E-07	2.21E-07	1.01E-07	4.68E-08	4.04E-09	9.76E-08	2.15E-08	3.31E-08	5.25E-08	9.26E-09	2.46E-08	2.43E-07
2876	489422.4	3859092.58	3.46E-04	4.00E-04	1.85E-04	1.20E-07	3.63E-07	2.10E-07	2.42E-07	2.19E-07	1.00E-07	4.64E-08	4.01E-09	9.69E-08	2.14E-08	3.29E-08	5.21E-08	9.19E-09	2.44E-08	2.41E-07
2877	489372.4	3859142.58	3.42E-04	3.95E-04	1.83E-04	1.19E-07	3.58E-07	2.07E-07	2.39E-07	2.17E-07	9.89E-08	4.59E-08	3.96E-09	9.57E-08	2.11E-08	3.25E-08	5.15E-08	9.07E-09	2.41E-08	2.38E-07
2878	489422.4	3859142.58	3.40E-04	3.92E-04	1.82E-04	1.18E-07	3.55E-07	2.06E-07	2.37E-07	2.15E-07	9.81E-08	4.56E-08	3.93E-09	9.50E-08	2.10E-08	3.22E-08	5.11E-08	9.01E-09	2.39E-08	2.36E-07
2879	488870.84	3858666.64	4.58E-04	5.29E-04	2.43E-04	1.59E-07	4.80E-07	2.78E-07	3.21E-07	2.91E-07	1.33E-07	6.10E-08	5.31E-09	1.28E-07	2.83E-08	4.35E-08	6.91E-08	1.22E-08	3.20E-08	3.19E-07
2880	488900.84	3858666.64	4.57E-04	5.27E-04	2.43E-04	1.58E-07	4.78E-07	2.77E-07	3.19E-07	2.90E-07	1.32E-07	6.08E-08	5.29E-09	1.28E-07	2.82E-08	4.34E-08	6.88E-08	1.21E-08	3.19E-08	3.17E-07
2881	488870.84	3858696.64	4.51E-04	5.20E-04	2.39E-04	1.56E-07	4.71E-07	2.73E-07	3.15E-07	2.86E-07	1.30E-07	5.99E-08	5.21E-09	1.26E-07	2.78E-08	4.28E-08	6.79E-08	1.20E-08	3.15E-08	3.13E-07
2882	488900.84	3858696.64	4.49E-04	5.18E-04	2.38E-04	1.56E-07	4.70E-07	2.72E-07	3.14E-07	2.85E-07	1.30E-07	5.97E-08	5.19E-09	1.25E-07	2.77E-08	4.26E-08	6.76E-08	1.19E-08	3.13E-08	3.12E-07
2883	488889.67	3858683.97	4.53E-04	5.23E-04	2.40E-04	1.57E-07	4.74E-07	2.74E-07	3.17E-07	2.87E-07	1.31E-07	6.03E-08	5.24E-09	1.27E-07	2.79E-08	4.30E-08	6.82E-08	1.20E-08	3.16E-08	3.15E-07
2884	488919.67	3858683.97	4.51E-04	5.21E-04	2.40E-04	1.56E-07	4.72E-07	2.73E-07	3.15E-07	2.86E-07	1.30E-07	6.00E-08	5.22E-09	1.26E-07	2.78E-08	4.28E-08	6.79E-08	1.20E-08	3.15E-08	3.13E-07
2885	488889.67	3858713.97	4.45E-04	5.14E-04	2.36E-04	1.54E-07	4.66E-07	2.70E-07	3.11E-07	2.82E-07	1.29E-07	5.92E-08	5.15E-09	1.24E-07	2.75E-08	4.23E-08	6.71E-08	1.18E-08	3.11E-08	3.09E-07
2886	488919.67	3858713.97	4.43E-04	5.12E-04	2.36E-04	1.54E-07	4.64E-07	2.69E-07	3.10E-07	2.81E-07	1.28E-07	5.90E-08	5.13E-09	1.24E-07	2.74E-08	4.21E-08	6.68E-08	1.18E-08	3.10E-08	3.08E-07
2887	488906.61	3858703.33	4.47E-04	5.16E-04	2.37E-04	1.55E-07	4.68E-07	2.71E-07	3.13E-07	2.83E-07	1.29E-07	5.95E-08	5.17E-09	1.25E-07	2.76E-08	4.24E-08	6.73E-08	1.19E-08	3.12E-08	3.10E-07
2888	488936.61	3858703.33	4.45E-04	5.14E-04	2.37E-04	1.54E-07	4.66E-07	2.70E-07	3.11E-07	2.82E-07	1.29E-07	5.93E-08	5.15E-09	1.24E-07	2.75E-08	4.23E-08	6.71E-08	1.18E-08	3.11E-08	3.09E-07
2889	488906.61	3858733.33	4.40E-04	5.08E-04	2.34E-04	1.52E-07	4.60E-07	2.66E-07	3.08E-07	2.79E-07	1.27E-07	5.85E-08	5.09E-09	1.23E-07	2.71E-08	4.18E-08	6.63E-08	1.17E-08	3.07E-08	3.06E-07
2890	488936.61	3858733.33	4.38E-04	5.06E-04	2.33E-04	1.52E-07	4.58E-07	2.65E-07	3.06E-07	2.78E-07	1.27E-07	5.83E-08	5.07E-09	1.22E-07	2.70E-08	4.16E-08	6.60E-08	1.16E-08	3.06E-08	3.04E-07
2891	488637.63	3858467.85	5.36E-04	6.18E-04	2.85E-04	1.86E-07	5.61E-07	3.25E-07	3.75E-07	3.40E-07	1.55E-07	7.15E-08	6.20E-09	1.50E-07	3.31E-08	5.09E-08	8.07E-08	1.42E-08	3.75E-08	3.72E-07
2892	488662.63	3858467.85	5.34E-04	6.16E-04	2.84E-04	1.85E-07	5.59E-07	3.23E-07	3.73E-07	3.38E-07	1.54E-07	7.13E-08	6.18E-09	1.49E-07	3.29E-08	5.07E-08	8.04E-08	1.42E-08	3.74E-08	3.71E-07
2893	488637.63	3858492.85	5.26E-04	6.08E-04	2.80E-04	1.82E-07	5.51E-07	3.19E-07	3.68E-07	3.34E-07	1.52E-07	7.01E-08	6.09E-09	1.47E-07	3.25E-08	5.00E-08	7.93E-08	1.40E-08	3.68E-08	3.66E-07
2894	488662.63	3858492.85	5.25E-04	6.06E-04	2.79E-04	1.82E-07	5.49E-07	3.18E-07	3.67E-07	3.32E-07	1.52E-07	6.99E-08	6.07E-09	1.47E-07	3.24E-08	4.98E-08	7.90E-08	1.39E-08	3.67E-08	3.65E-07
2895	488687.63	3858492.85	5.23E-04	6.04E-04	2.79E-04	1.81E-07	5.47E-07	3.17E-07	3.66E-07	3.32E-07	1.51E-07	6.98E-08	6.05E-09	1.46E-07	3.23E-08	4.97E-08	7.88E-08	1.39E-08	3.66E-08	3.64E-07
2896	488637.63	3858517.85	5.17E-04	5.97E-04	2.75E-04	1.79E-07	5.41E-07	3.13E-07	3.62E-07	3.28E-07	1.50E-07	6.88E-08	5.98E-09	1.45E-07	3.19E-08	4.91E-08	7.79E-08	1.37E-08	3.61E-08	3.59E-07
2897	488662.63	3858517.85	5.16E-04	5.95E-04	2.74E-04	1.79E-07	5.39E-07	3.12E-07	3.60E-07	3.27E-07	1.49E-07	6.87E-08	5.97E-09	1.44E-07	3.18E-08	4.89E-08	7.76E-08	1.37E-08	3.60E-08	3.58E-07
2898	488687.63	3858517.85	5.14E-04	5.93E-04	2.73E-04	1.78E-07	5.38E-07	3.11E-07	3.59E-07	3.26E-07	1.49E-07	6.85E-08	5.95E-09	1.44E-07	3.17E-08	4.88E-08	7.74E-08	1.36E-08	3.59E-08	3.57E-07
2899	488194.42	3857168.98	3.23E-03	3.74E-03	1.68E-03	1.12E-06	3.38E-06	1.95E-06	2.26E-06	2.05E-06	9.36E-07	4.21E-07	3.73E-08	9.02E-07	1.99E-07	3.07E-07	4.88E-07	8.59E-08	2.21E-07	2.24E-06
2900	488244.42	3857168.98	3.11E-03	3.60E-03	1.62E-03	1.08E-06	3.26E-06	1.88E-06	2.18E-06	1.98E-06	9.03E-07	4.06E-07	3.60E-08	8.70E-07	1.92E-07	2.96E-07	4.70E-07	8.28E-08	2.13E-07	2.16E-06
2901	488294.42	3857168.98	3.01E-03	3.48E-03	1.57E-03	1.04E-06	3.15E-06	1.82E-06	2.11E-06	1.91E-06	8.73E-07	3.92E-07	3.48E-08	8.41E-07	1.86E-07	2.86E-07	4.54E-07	8.01E-08	2.06E-07	2.09E-06
2902	488244.42	3857218.98	2.92E-03	3.38E-03	1.52E-03	1.01E-06	3.06E-06	1.77E-06	2.05E-06	1.86E-06	8.48E-07	3.81E-07	3.38E-08	8.17E-07	1.80E-07	2.78E-07	4.41E-07	7.78E-08	2.00E-07	2.03E-06
2903	488294.42	3857218.98	2.83E-03	3.28E-03	1.47E-03	9.80E-07	2.96E-06	1.71E-06	1.98E-06	1.80E-06	8.21E-07	3.69E-07	3.27E-08	7.91E-07	1.74E-07	2.69E-07	4.27E-07	7.53E-08	1.94E-07	1.96E-06
2904	488294.42	3857268.98	2.64E-03	3.06E-03	1.38E-03	9.17E-07	2.77E-06	1.60E-06	1.86E-06	1.68E-06	7.67E-07	3.45E-07	3.06E-08	7.39E-07	1.63E-07	2.52E-07	4.00E-07	7.04E-08	1.81E-07	1.84E-06
2905	488139.13	3857111.68	3.61E-03	4.18E-03	1.88E-03	1.25E-06	3.77E-06	2.18E-06	2.53E-06	2.29E-06	1.05E-06	4.70E-07	4.17E-08	1.01E-06	2.22E-07	3.43E-07	5.45E-07	9.60E-08	2.47E-07	2.50E-06
2906	488189.13	3857111.68	3.46E-03	4.01E-03	1.80E-03	1.20E-06	3.62E-06	2.10E-06	2.43E-06	2.20E-06	1.00E-06	4.51E-07	4.01E-08	9.68E-07	2.14E-07	3.30E-07	5.23E-07	9.22E-08	2.37E-07	2.40E-06
2907	488189.13	3857161.68	3.27E-03	3.79E-03	1.70E-03	1.13E-06	3.42E-06	1.98E-06	2.29E-06	2.08E-06	9.48E-07	4.26E-07	3.78E-08	9.14E-07	2.02E-07	3.11E-07	4.94E-07	8.70E-08	2.24E-07	2.27E-06

2908	487951.04	3856961.26	4.91E-03	5.68E-03	2.55E-03	1.70E-06	5.13E-06	2.97E-06	3.44E-06	3.12E-06	1.42E-06	6.39E-07	5.68E-08	1.37E-06	3.03E-07	4.67E-07	7.41E-07	1.31E-07	3.35E-07	3.41E-06
2909	488001.04	3856961.26	4.68E-03	5.42E-03	2.43E-03	1.62E-06	4.90E-06	2.83E-06	3.28E-06	2.98E-06	1.36E-06	6.10E-07	5.41E-08	1.31E-06	2.89E-07	4.46E-07	7.07E-07	1.25E-07	3.20E-07	3.25E-06
2910	488051.04	3856961.26	4.48E-03	5.19E-03	2.33E-03	1.55E-06	4.69E-06	2.71E-06	3.14E-06	2.85E-06	1.30E-06	5.84E-07	5.18E-08	1.25E-06	2.76E-07	4.27E-07	6.77E-07	1.19E-07	3.06E-07	3.11E-06
2911	488101.04	3856961.26	4.27E-03	4.95E-03	2.22E-03	1.48E-06	4.47E-06	2.59E-06	3.00E-06	2.72E-06	1.24E-06	5.57E-07	4.95E-08	1.19E-06	2.64E-07	4.07E-07	6.46E-07	1.14E-07	2.92E-07	2.97E-06
2912	487951.04	3857011.26	4.71E-03	5.45E-03	2.45E-03	1.63E-06	4.93E-06	2.85E-06	3.30E-06	2.99E-06	1.37E-06	6.14E-07	5.45E-08	1.32E-06	2.90E-07	4.49E-07	7.12E-07	1.25E-07	3.22E-07	3.27E-06
2913	488001.04	3857011.26	4.50E-03	5.22E-03	2.34E-03	1.56E-06	4.71E-06	2.73E-06	3.16E-06	2.86E-06	1.31E-06	5.87E-07	5.21E-08	1.26E-06	2.78E-07	4.29E-07	6.80E-07	1.20E-07	3.08E-07	3.13E-06
2914	488051.04	3857011.26	4.31E-03	4.99E-03	2.24E-03	1.49E-06	4.51E-06	2.61E-06	3.02E-06	2.74E-06	1.25E-06	5.62E-07	4.99E-08	1.21E-06	2.66E-07	4.11E-07	6.52E-07	1.15E-07	2.95E-07	2.99E-06
2915	488101.04	3857011.26	4.12E-03	4.77E-03	2.14E-03	1.43E-06	4.31E-06	2.49E-06	2.89E-06	2.62E-06	1.19E-06	5.36E-07	4.76E-08	1.15E-06	2.54E-07	3.92E-07	6.22E-07	1.10E-07	2.82E-07	2.86E-06
2916	488001.04	3857061.26	4.28E-03	4.96E-03	2.23E-03	1.48E-06	4.48E-06	2.59E-06	3.00E-06	2.72E-06	1.24E-06	5.58E-07	4.96E-08	1.20E-06	2.64E-07	4.08E-07	6.47E-07	1.14E-07	2.93E-07	2.97E-06
2917	488051.04	3857061.26	4.10E-03	4.75E-03	2.13E-03	1.42E-06	4.29E-06	2.48E-06	2.88E-06	2.61E-06	1.19E-06	5.34E-07	4.74E-08	1.15E-06	2.53E-07	3.90E-07	6.19E-07	1.09E-07	2.80E-07	2.85E-06
2918	488101.04	3857061.26	3.93E-03	4.55E-03	2.04E-03	1.36E-06	4.11E-06	2.38E-06	2.75E-06	2.50E-06	1.14E-06	5.12E-07	4.54E-08	1.10E-06	2.42E-07	3.74E-07	5.93E-07	1.05E-07	2.68E-07	2.72E-06
2919	487638.98	3856673.79	6.47E-03	7.49E-03	3.36E-03	2.24E-06	6.77E-06	3.92E-06	4.54E-06	4.11E-06	1.88E-06	8.43E-07	7.49E-08	1.81E-06	3.99E-07	6.16E-07	9.77E-07	1.72E-07	4.42E-07	4.49E-06
2920	487688.98	3856673.79	6.21E-03	7.19E-03	3.23E-03	2.15E-06	6.50E-06	3.76E-06	4.36E-06	3.95E-06	1.80E-06	8.09E-07	7.19E-08	1.74E-06	3.83E-07	5.91E-07	9.38E-07	1.65E-07	4.24E-07	4.31E-06
2921	487638.98	3856723.79	6.67E-03	7.72E-03	3.47E-03	2.31E-06	6.98E-06	4.04E-06	4.68E-06	4.24E-06	1.94E-06	8.69E-07	7.72E-08	1.86E-06	4.11E-07	6.35E-07	1.01E-06	1.78E-07	4.56E-07	4.63E-06
2922	487688.98	3856723.79	6.38E-03	7.39E-03	3.32E-03	2.21E-06	6.68E-06	3.86E-06	4.48E-06	4.06E-06	1.85E-06	8.31E-07	7.38E-08	1.78E-06	3.94E-07	6.08E-07	9.64E-07	1.70E-07	4.36E-07	4.43E-06
2923	486324.61	3855740.57	6.43E-03	7.44E-03	3.34E-03	2.23E-06	6.72E-06	3.89E-06	4.51E-06	4.09E-06	1.86E-06	8.37E-07	7.44E-08	1.80E-06	3.96E-07	6.12E-07	9.71E-07	1.71E-07	4.39E-07	4.46E-06
2924	486374.61	3855740.57	5.94E-03	6.88E-03	3.09E-03	2.06E-06	6.22E-06	3.60E-06	4.17E-06	3.78E-06	1.72E-06	7.74E-07	6.88E-08	1.66E-06	3.66E-07	5.66E-07	8.98E-07	1.58E-07	4.06E-07	4.12E-06
2925	486424.61	3855740.57	5.66E-03	6.55E-03	2.94E-03	1.96E-06	5.92E-06	3.43E-06	3.97E-06	3.60E-06	1.64E-06	7.37E-07	6.55E-08	1.58E-06	3.49E-07	5.39E-07	8.55E-07	1.51E-07	3.87E-07	3.93E-06
2926	486324.61	3855790.57	6.87E-03	7.95E-03	3.57E-03	2.38E-06	7.19E-06	4.16E-06	4.82E-06	4.37E-06	1.99E-06	8.95E-07	7.95E-08	1.92E-06	4.24E-07	6.54E-07	1.04E-06	1.83E-07	4.70E-07	4.77E-06
2927	486374.61	3855790.57	6.37E-03	7.38E-03	3.31E-03	2.21E-06	6.66E-06	3.86E-06	4.47E-06	4.05E-06	1.85E-06	8.30E-07	7.37E-08	1.78E-06	3.93E-07	6.07E-07	9.62E-07	1.70E-07	4.36E-07	4.42E-06
2928	486424.61	3855790.57	6.12E-03	7.09E-03	3.18E-03	2.12E-06	6.41E-06	3.71E-06	4.30E-06	3.89E-06	1.78E-06	7.98E-07	7.09E-08	1.71E-06	3.78E-07	5.83E-07	9.25E-07	1.63E-07	4.19E-07	4.25E-06
2929	486324.61	3855840.57	7.33E-03	8.49E-03	3.81E-03	2.54E-06	7.67E-06	4.44E-06	5.14E-06	4.66E-06	2.13E-06	9.55E-07	8.48E-08	2.05E-06	4.52E-07	6.98E-07	1.11E-06	1.95E-07	5.01E-07	5.09E-06
2930	486374.61	3855840.57	6.99E-03	8.09E-03	3.63E-03	2.42E-06	7.31E-06	4.23E-06	4.90E-06	4.44E-06	2.03E-06	9.10E-07	8.09E-08	1.95E-06	4.31E-07	6.65E-07	1.06E-06	1.86E-07	4.78E-07	4.85E-06
2931	486424.61	3855840.57	6.62E-03	7.67E-03	3.44E-03	2.29E-06	6.93E-06	4.01E-06	4.65E-06	4.21E-06	1.92E-06	8.63E-07	7.66E-08	1.85E-06	4.08E-07	6.31E-07	1.00E-06	1.76E-07	4.53E-07	4.60E-06
2932	486324.61	3855890.57	8.05E-03	9.33E-03	4.19E-03	2.79E-06	8.42E-06	4.88E-06	5.65E-06	5.12E-06	2.34E-06	1.05E-06	9.32E-08	2.25E-06	4.97E-07	7.67E-07	1.22E-06	2.14E-07	5.50E-07	5.59E-06
2933	486374.61	3855890.57	7.62E-03	8.82E-03	3.96E-03	2.64E-06	7.97E-06	4.61E-06	5.34E-06	4.85E-06	2.21E-06	9.92E-07	8.82E-08	2.13E-06	4.70E-07	7.26E-07	1.15E-06	2.03E-07	5.21E-07	5.29E-06
2934	486424.61	3855890.57	7.18E-03	8.31E-03	3.73E-03	2.49E-06	7.51E-06	4.35E-06	5.04E-06	4.57E-06	2.08E-06	9.35E-07	8.31E-08	2.01E-06	4.43E-07	6.84E-07	1.08E-06	1.91E-07	4.91E-07	4.98E-06
2935	488735.69	3858285.64	6.30E-04	7.25E-04	3.43E-04	2.18E-07	6.60E-07	3.82E-07	4.39E-07	3.98E-07	1.82E-07	8.59E-08	7.30E-09	1.76E-07	3.89E-08	5.96E-08	9.46E-08	1.67E-08	4.51E-08	4.38E-07
2936	488765.69	3858285.64	6.31E-04	7.25E-04	3.43E-04	2.19E-07	6.60E-07	3.82E-07	4.39E-07	3.98E-07	1.82E-07	8.59E-08	7.30E-09	1.76E-07	3.89E-08	5.97E-08	9.46E-08	1.67E-08	4.51E-08	4.39E-07
2937	488735.69	3858315.64	6.10E-04	7.02E-04	3.30E-04	2.11E-07	6.38E-07	3.69E-07	4.25E-07	3.85E-07	1.76E-07	8.27E-08	7.05E-09	1.70E-07	3.76E-08	5.77E-08	9.15E-08	1.61E-08	4.34E-08	4.24E-07
2938	488765.69	3858315.64	6.10E-04	7.02E-04	3.30E-04	2.11E-07	6.38E-07	3.69E-07	4.25E-07	3.85E-07	1.76E-07	8.27E-08	7.05E-09	1.70E-07	3.76E-08	5.77E-08	9.15E-08	1.61E-08	4.34E-08	4.24E-07
2939	478676.63	3849871.93	3.87E-05	4.48E-05	2.03E-05	1.34E-08	4.05E-08	2.35E-08	2.71E-08	2.46E-08	1.12E-08	5.09E-09	4.48E-10	1.08E-08	2.39E-09	3.68E-09	5.84E-09	1.03E-09	2.67E-09	2.69E-08
2940	479326.63	3849871.93	5.59E-05	6.47E-05	2.93E-05	1.94E-08	5.85E-08	3.39E-08	3.92E-08	3.55E-08	1.62E-08	7.33E-09	6.47E-10	1.56E-08	3.45E-09	5.32E-09	8.45E-09	1.49E-09	3.85E-09	3.88E-08
2941	479376.63	3849871.93	5.73E-05	6.64E-05	3.00E-05	1.99E-08	6.00E-08	3.47E-08	4.02E-08	3.64E-08	1.66E-08	7.52E-09	6.64E-10	1.60E-08	3.54E-09	5.46E-09	8.66E-09	1.53E-09	3.94E-09	3.98E-08
2942	479426.63	3849871.93	5.87E-05	6.80E-05	3.07E-05	2.04E-08	6.15E-08	3.56E-08	4.12E-08	3.73E-08	1.70E-08	7.70E-09	6.80E-10	1.64E-08	3.62E-09	5.59E-09	8.87E-09	1.56E-09	4.04E-09	4.08E-08
2943	478726.63	3849921.93	3.92E-05	4.54E-05	2.06E-05	1.36E-08	4.11E-08	2.38E-08	2.75E-08	2.49E-08	1.14E-08	5.16E-09	4.54E-10	1.10E-08	2.42E-09	3.73E-09	5.92E-09	1.04E-09	2.71E-09	2.73E-08
2944	478776.63	3849921.93	4.01E-05	4.64E-05	2.10E-05	1.39E-08	4.20E-08	2.43E-08	2.81E-08	2.55E-08	1.16E-08	5.27E-09	4.64E-10	1.12E-08	2.47E-09	3.81E-09	6.05E-09	1.07E-09	2.77E-09	2.78E-08
2945	478826.63	3849921.93	4.11E-05	4.75E-05	2.15E-05	1.42E-08	4.30E-08	2.49E-08	2.88E-08	2.61E-08	1.19E-08	5.39E-09	4.75E-10	1.15E-08	2.53E-09	3.91E-09	6.20E-09	1.09E-09	2.83E-09	2.85E-08
2946	478976.63	3849921.93	4.46E-05	5.16E-05	2.34E-05	1.55E-08	4.67E-08	2.70E-08	3.12E-08	2.83E-08	1.29E-08	5.86E-09	5.16E-10	1.25E-08	2.75E-09	4.24E-09	6.73E-09	1.19E-09	3.07E-09	3.10E-08
2947	479026.63	3849921.93	4.62E-05	5.34E-05	2.42E-05	1.60E-08	4.83E-08	2.80E-08	3.24E-08	2.93E-08	1.34E-08	6.06E-09	5.34E-10	1.29E-08	2.85E-09	4.39E-09	6.97E-09	1.23E-09	3.18E-09	3.21E-08
2948	479076.63	3849921.93	4.77E-05	5.52E-05	2.50E-05	1.65E-08	4.99E-08	2.89E-08	3.34E-08	3.03E-08	1.38E-08	6.26E-09	5.52E-10	1.33E-08	2.94E-09	4.54E-09	7.20E-09	1.27E-09	3.28E-09	3.31E-08
2949	479126.63	3849921.93	4.93E-05	5.70E-05	2.58E-05	1.71E-08	5.15E-08	2.98E-08	3.45E-08	3.13E-08	1.43E-08	6.46E-09	5.70E-10	1.38E-08	3.04E-09	4.69E-09	7.43E-09	1.31E-09	3.39E-09	3.42E-08
2950	479176.63	3849921.93	5.09E-05	5.89E-05	2.67E-05	1.77E-08	5.33E-08	3.09E-08	3.57E-08	3.24E-08	1.48E-08	6.68E-09	5.90E-10	1.42E-08	3.14E-09	4.85E-09	7.69E-09	1.36E-09	3.51E-09	3.54E-08
2951	479226.63	3849921.93	5.24E-05	6.06E-05	2.74E-05	1.82E-08	5.48E-08	3.18E-08	3.67E-08	3.33E-08	1.52E-08	6.87E-09	6.07E-10	1.47E-08	3.23E-09	4.99E-09	7.91E-09	1.39E-09	3.61E-09	3.64E-08
2952	479276.63	3849921.93	5.35E-05	6.19E-05	2.80E-05	1.85E-08	5.60E-08	3.24E-08	3.75E-08	3.40E-08	1.55E-08	7.01E-09	6.19E-10	1.50E-08	3.30E-09	5.09E-09	8.07E-09	1.42E-09	3.68E-09	3.71E-08
2953	479326.63	3849921.93	5.58E-05	6.45E-05	2.92E-05	1.93E-08	5.84E-08	3.38E-08	3.91E-08	3.54E-08	1.62E-08	7.31E-09	6.45E-10	1.56E-08	3.44E-09	5.31E-09	8.42E-09	1.48E-09	3.84E-09	3.87E-08
2954	479376.63	3849921.93	5.68E-05	6.57E-05	2.97E-05	1.97E-08	5.94E-08	3.44E-08	3.98E-08	3.61E-08	1.65E-08	7.45E-09	6.57E-10	1.59E-08	3.50E-09	5.41E-09	8.57E-09	1.51E-09	3.91E-09	3.94E-08
2955	479426.63	3849921.93	5.86E-05	6.78E-05	3.07E-05	2.03E-08	6.14E-08	3.55E-08	4.11E-08	3.73E-08	1.70E-08	7.68E-09	6.79E-10	1.64E-08	3.62E-09	5.58E-09	8.85E-09	1.56E-09	4.03E-09	4.07E-08
2956	478726.63	3849971.93	3.90E-05	4.51E-05	2.05E-05	1.35E-08	4.08E-08	2.36E-08	2.73E-08	2.48E-08	1.13E-08	5.13E-09	4.51E-10	1.09E-08	2.41E-09	3.71E-09	5.88E-09	1.04E-09	2.69E-09	2.71E-08
2957	478776.63	3849971.93	3.97E-05	4.60E-05	2.08E-05	1.38E-08	4.16E-08	2.41E-08	2.78E-08	2.52E-08	1.15E-08	5.22E-09	4.60E-10	1.11E-08	2.45E-09	3.78E-09	6.00E-09	1.06E-09	2.74E-09	2.76E-08
2958	478826.63	3849971.93	4.06E-05	4.70E-05	2.13E-05	1.41E-08	4.25E-08	2.46E-08	2.85E-08	2.58E-08	1.18E-08	5.34E-09	4.70E-10	1.14E-08	2.51E-09	3.86E-09	6.13E-09	1.08E-09	2.80E-09	2.82E-08
2959	478976.63	3849971.93	4.41E-05	5.10E-05	2.31E-05	1.53E-08	4.61E-08	2.67E-08	3.09E-08	2.80E-08	1.28E-08	5.79E-09	5.10E-10	1.23E-08	2.72E-09	4.19E-09	6.65E-09	1.17E-09	3.04E-09	3.06E-08
2960	479026.63	3849971.93	4.54E-05	5.25E-05	2.38E-05	1.57E-08	4.75E-08	2.75E-08	3.18E-08	2.88E-08	1.31E-08	5.96E-09	5.25E-10	1.27E-08	2.80E-09	4.32E-09	6.85E-09	1.21E-09	3.13E-09	3.15E-08

2961	479076.63	3849971.93	4.68E-05	5.41E-05	2.45E-05	1.62E-08	4.89E-08	2.83E-08	3.28E-08	2.97E-08	1.36E-08	6.14E-09	5.41E-10	1.31E-08	2.88E-09	4.45E-09	7.06E-09	1.24E-09	3.22E-09	3.25E-08
2962	479126.63	3849971.93	4.83E-05	5.59E-05	2.53E-05	1.67E-08	5.05E-08	2.93E-08	3.38E-08	3.07E-08	1.40E-08	6.34E-09	5.59E-10	1.35E-08	2.98E-09	4.60E-09	7.29E-09	1.28E-09	3.33E-09	3.35E-08
2963	479176.63	3849971.93	5.00E-05	5.78E-05	2.62E-05	1.73E-08	5.23E-08	3.03E-08	3.50E-08	3.17E-08	1.45E-08	6.55E-09	5.78E-10	1.40E-08	3.08E-09	4.75E-09	7.54E-09	1.33E-09	3.44E-09	3.47E-08
2964	479226.63	3849971.93	5.09E-05	5.89E-05	2.66E-05	1.76E-08	5.32E-08	3.08E-08	3.57E-08	3.23E-08	1.47E-08	6.67E-09	5.89E-10	1.42E-08	3.14E-09	4.84E-09	7.68E-09	1.35E-09	3.50E-09	3.53E-08
2965	479276.63	3849971.93	5.31E-05	6.14E-05	2.78E-05	1.84E-08	5.55E-08	3.22E-08	3.72E-08	3.37E-08	1.54E-08	6.96E-09	6.14E-10	1.48E-08	3.27E-09	5.05E-09	8.01E-09	1.41E-09	3.65E-09	3.69E-08
2966	479326.63	3849971.93	5.51E-05	6.38E-05	2.88E-05	1.91E-08	5.77E-08	3.34E-08	3.86E-08	3.50E-08	1.60E-08	7.22E-09	6.38E-10	1.54E-08	3.40E-09	5.24E-09	8.32E-09	1.47E-09	3.79E-09	3.83E-08
2967	479376.63	3849971.93	5.63E-05	6.52E-05	2.95E-05	1.95E-08	5.89E-08	3.41E-08	3.95E-08	3.58E-08	1.63E-08	7.38E-09	6.52E-10	1.57E-08	3.47E-09	5.36E-09	8.50E-09	1.50E-09	3.87E-09	3.91E-08
2968	479426.63	3849971.93	5.81E-05	6.72E-05	3.04E-05	2.01E-08	6.08E-08	3.52E-08	4.07E-08	3.69E-08	1.68E-08	7.61E-09	6.72E-10	1.62E-08	3.58E-09	5.53E-09	8.77E-09	1.55E-09	4.00E-09	4.03E-08
2969	478726.63	3850021.93	3.89E-05	4.50E-05	2.04E-05	1.35E-08	4.07E-08	2.36E-08	2.72E-08	2.47E-08	1.13E-08	5.11E-09	4.50E-10	1.09E-08	2.40E-09	3.70E-09	5.87E-09	1.03E-09	2.68E-09	2.70E-08
2970	478776.63	3850021.93	3.95E-05	4.57E-05	2.07E-05	1.37E-08	4.13E-08	2.39E-08	2.77E-08	2.51E-08	1.15E-08	5.19E-09	4.57E-10	1.10E-08	2.44E-09	3.76E-09	5.96E-09	1.05E-09	2.73E-09	2.74E-08
2971	478826.63	3850021.93	4.03E-05	4.66E-05	2.11E-05	1.40E-08	4.22E-08	2.44E-08	2.82E-08	2.56E-08	1.17E-08	5.30E-09	4.66E-10	1.13E-08	2.48E-09	3.83E-09	6.08E-09	1.07E-09	2.78E-09	2.80E-08
2972	478976.63	3850021.93	4.34E-05	5.02E-05	2.27E-05	1.50E-08	4.54E-08	2.63E-08	3.04E-08	2.76E-08	1.26E-08	5.70E-09	5.02E-10	1.21E-08	2.68E-09	4.13E-09	6.55E-09	1.15E-09	2.99E-09	3.01E-08
2973	478726.63	3850071.93	3.89E-05	4.50E-05	2.04E-05	1.35E-08	4.07E-08	2.36E-08	2.73E-08	2.47E-08	1.13E-08	5.12E-09	4.50E-10	1.09E-08	2.40E-09	3.70E-09	5.87E-09	1.04E-09	2.69E-09	2.70E-08
2974	478776.63	3850071.93	3.94E-05	4.56E-05	2.07E-05	1.37E-08	4.13E-08	2.39E-08	2.76E-08	2.50E-08	1.14E-08	5.19E-09	4.56E-10	1.10E-08	2.43E-09	3.75E-09	5.95E-09	1.05E-09	2.72E-09	2.74E-08
2975	478826.63	3850071.93	4.01E-05	4.63E-05	2.10E-05	1.39E-08	4.19E-08	2.43E-08	2.81E-08	2.54E-08	1.16E-08	5.27E-09	4.64E-10	1.12E-08	2.47E-09	3.81E-09	6.05E-09	1.07E-09	2.76E-09	2.78E-08
2976	478876.63	3850071.93	4.08E-05	4.72E-05	2.14E-05	1.42E-08	4.27E-08	2.47E-08	2.86E-08	2.59E-08	1.18E-08	5.37E-09	4.73E-10	1.14E-08	2.52E-09	3.88E-09	6.16E-09	1.09E-09	2.82E-09	2.84E-08
2977	478976.63	3850071.93	4.28E-05	4.95E-05	2.25E-05	1.48E-08	4.48E-08	2.59E-08	3.00E-08	2.72E-08	1.24E-08	5.63E-09	4.96E-10	1.20E-08	2.64E-09	4.07E-09	6.46E-09	1.14E-09	2.95E-09	2.97E-08
2978	478726.63	3850121.93	3.91E-05	4.52E-05	2.05E-05	1.35E-08	4.09E-08	2.37E-08	2.74E-08	2.48E-08	1.13E-08	5.14E-09	4.52E-10	1.09E-08	2.41E-09	3.72E-09	5.90E-09	1.04E-09	2.70E-09	2.71E-08
2979	478776.63	3850121.93	3.95E-05	4.57E-05	2.07E-05	1.37E-08	4.13E-08	2.39E-08	2.77E-08	2.51E-08	1.15E-08	5.20E-09	4.57E-10	1.10E-08	2.44E-09	3.76E-09	5.96E-09	1.05E-09	2.73E-09	2.74E-08
2980	478826.63	3850121.93	4.00E-05	4.63E-05	2.10E-05	1.39E-08	4.19E-08	2.42E-08	2.80E-08	2.54E-08	1.16E-08	5.26E-09	4.63E-10	1.12E-08	2.47E-09	3.81E-09	6.04E-09	1.06E-09	2.76E-09	2.78E-08
2981	478876.63	3850121.93	4.07E-05	4.70E-05	2.13E-05	1.41E-08	4.25E-08	2.46E-08	2.85E-08	2.58E-08	1.18E-08	5.34E-09	4.70E-10	1.14E-08	2.51E-09	3.87E-09	6.14E-09	1.08E-09	2.80E-09	2.82E-08
2982	478976.63	3850121.93	4.24E-05	4.90E-05	2.22E-05	1.47E-08	4.44E-08	2.57E-08	2.97E-08	2.69E-08	1.23E-08	5.57E-09	4.90E-10	1.18E-08	2.61E-09	4.03E-09	6.40E-09	1.13E-09	2.92E-09	2.94E-08
2983	479026.63	3850121.93	4.35E-05	5.03E-05	2.28E-05	1.51E-08	4.55E-08	2.63E-08	3.04E-08	2.76E-08	1.26E-08	5.71E-09	5.03E-10	1.21E-08	2.68E-09	4.13E-09	6.56E-09	1.16E-09	3.00E-09	3.02E-08
2984	479076.63	3850121.93	4.46E-05	5.16E-05	2.34E-05	1.55E-08	4.67E-08	2.70E-08	3.12E-08	2.83E-08	1.29E-08	5.86E-09	5.16E-10	1.25E-08	2.75E-09	4.24E-09	6.73E-09	1.19E-09	3.07E-09	3.10E-08
2985	479126.63	3850121.93	4.58E-05	5.30E-05	2.40E-05	1.59E-08	4.80E-08	2.78E-08	3.21E-08	2.91E-08	1.33E-08	6.02E-09	5.31E-10	1.28E-08	2.83E-09	4.36E-09	6.92E-09	1.22E-09	3.16E-09	3.18E-08
2986	478776.63	3850171.93	3.97E-05	4.59E-05	2.08E-05	1.38E-08	4.15E-08	2.40E-08	2.78E-08	2.52E-08	1.15E-08	5.22E-09	4.59E-10	1.11E-08	2.45E-09	3.78E-09	5.99E-09	1.06E-09	2.74E-09	2.76E-08
2987	478826.63	3850171.93	4.01E-05	4.63E-05	2.10E-05	1.39E-08	4.19E-08	2.43E-08	2.81E-08	2.54E-08	1.16E-08	5.27E-09	4.64E-10	1.12E-08	2.47E-09	3.81E-09	6.05E-09	1.07E-09	2.76E-09	2.78E-08
2988	478876.63	3850171.93	4.06E-05	4.69E-05	2.13E-05	1.41E-08	4.25E-08	2.46E-08	2.84E-08	2.58E-08	1.18E-08	5.34E-09	4.70E-10	1.13E-08	2.50E-09	3.86E-09	6.12E-09	1.08E-09	2.80E-09	2.82E-08
2989	478976.63	3850171.93	4.21E-05	4.87E-05	2.21E-05	1.46E-08	4.41E-08	2.55E-08	2.95E-08	2.68E-08	1.22E-08	5.54E-09	4.88E-10	1.18E-08	2.60E-09	4.01E-09	6.36E-09	1.12E-09	2.91E-09	2.93E-08
2990	479026.63	3850171.93	4.31E-05	4.98E-05	2.26E-05	1.49E-08	4.51E-08	2.61E-08	3.02E-08	2.74E-08	1.25E-08	5.66E-09	4.99E-10	1.20E-08	2.66E-09	4.10E-09	6.50E-09	1.15E-09	2.97E-09	2.99E-08
2991	479076.63	3850171.93	4.41E-05	5.10E-05	2.31E-05	1.53E-08	4.61E-08	2.67E-08	3.09E-08	2.80E-08	1.28E-08	5.79E-09	5.10E-10	1.23E-08	2.72E-09	4.19E-09	6.65E-09	1.17E-09	3.04E-09	3.06E-08
2992	479126.63	3850171.93	4.52E-05	5.23E-05	2.37E-05	1.57E-08	4.73E-08	2.74E-08	3.17E-08	2.87E-08	1.31E-08	5.94E-09	5.23E-10	1.26E-08	2.79E-09	4.30E-09	6.82E-09	1.20E-09	3.12E-09	3.14E-08
2993	479176.63	3850171.93	4.66E-05	5.39E-05	2.44E-05	1.61E-08	4.87E-08	2.82E-08	3.26E-08	2.96E-08	1.35E-08	6.12E-09	5.39E-10	1.30E-08	2.87E-09	4.43E-09	7.03E-09	1.24E-09	3.21E-09	3.23E-08
2994	479226.63	3850171.93	4.81E-05	5.57E-05	2.52E-05	1.67E-08	5.04E-08	2.92E-08	3.37E-08	3.06E-08	1.39E-08	6.32E-09	5.57E-10	1.35E-08	2.97E-09	4.58E-09	7.26E-09	1.28E-09	3.32E-09	3.34E-08
2995	479276.63	3850171.93	4.98E-05	5.76E-05	2.61E-05	1.73E-08	5.21E-08	3.02E-08	3.49E-08	3.16E-08	1.44E-08	6.54E-09	5.76E-10	1.39E-08	3.07E-09	4.74E-09	7.52E-09	1.33E-09	3.43E-09	3.46E-08
2996	479326.63	3850171.93	5.13E-05	5.94E-05	2.69E-05	1.78E-08	5.37E-08	3.11E-08	3.60E-08	3.26E-08	1.49E-08	6.73E-09	5.94E-10	1.43E-08	3.17E-09	4.88E-09	7.75E-09	1.37E-09	3.53E-09	3.56E-08
2997	479376.63	3850171.93	5.29E-05	6.13E-05	2.77E-05	1.83E-08	5.54E-08	3.21E-08	3.71E-08	3.36E-08	1.53E-08	6.94E-09	6.13E-10	1.48E-08	3.27E-09	5.04E-09	7.99E-09	1.41E-09	3.64E-09	3.68E-08
2998	478676.63	3850221.93	3.96E-05	4.58E-05	2.08E-05	1.37E-08	4.14E-08	2.40E-08	2.77E-08	2.51E-08	1.15E-08	5.21E-09	4.58E-10	1.11E-08	2.44E-09	3.77E-09	5.97E-09	1.05E-09	2.73E-09	2.75E-08
2999	478726.63	3850221.93	3.98E-05	4.60E-05	2.09E-05	1.38E-08	4.16E-08	2.41E-08	2.79E-08	2.53E-08	1.15E-08	5.23E-09	4.60E-10	1.11E-08	2.45E-09	3.78E-09	6.00E-09	1.06E-09	2.74E-09	2.76E-08
3000	478976.63	3850221.93	4.20E-05	4.86E-05	2.20E-05	1.46E-08	4.40E-08	2.55E-08	2.94E-08	2.67E-08	1.22E-08	5.52E-09	4.86E-10	1.17E-08	2.59E-09	4.00E-09	6.34E-09	1.12E-09	2.90E-09	2.92E-08
3001	479026.63	3850221.93	4.28E-05	4.95E-05	2.25E-05	1.48E-08	4.48E-08	2.59E-08	3.00E-08	2.72E-08	1.24E-08	5.63E-09	4.96E-10	1.20E-08	2.64E-09	4.07E-09	6.46E-09	1.14E-09	2.95E-09	2.97E-08
3002	479076.63	3850221.93	4.37E-05	5.06E-05	2.29E-05	1.51E-08	4.57E-08	2.65E-08	3.06E-08	2.78E-08	1.27E-08	5.74E-09	5.06E-10	1.22E-08	2.70E-09	4.16E-09	6.60E-09	1.16E-09	3.01E-09	3.04E-08
3003	479126.63	3850221.93	4.48E-05	5.18E-05	2.35E-05	1.55E-08	4.69E-08	2.71E-08	3.14E-08	2.84E-08	1.30E-08	5.88E-09	5.18E-10	1.25E-08	2.76E-09	4.26E-09	6.76E-09	1.19E-09	3.09E-09	3.11E-08
3004	479176.63	3850221.93	4.60E-05	5.32E-05	2.41E-05	1.60E-08	4.82E-08	2.79E-08	3.23E-08	2.92E-08	1.33E-08	6.04E-09	5.33E-10	1.29E-08	2.84E-09	4.38E-09	6.95E-09	1.22E-09	3.17E-09	3.20E-08
3005	479226.63	3850221.93	4.74E-05	5.49E-05	2.48E-05	1.64E-08	4.96E-08	2.87E-08	3.32E-08	3.01E-08	1.37E-08	6.23E-09	5.49E-10	1.33E-08	2.93E-09	4.51E-09	7.16E-09	1.26E-09	3.27E-09	3.29E-08
3006	479276.63	3850221.93	4.90E-05	5.67E-05	2.57E-05	1.70E-08	5.12E-08	2.97E-08	3.43E-08	3.11E-08	1.42E-08	6.43E-09	5.67E-10	1.37E-08	3.02E-09	4.66E-09	7.39E-09	1.30E-09	3.37E-09	3.40E-08
3007	479326.63	3850221.93	5.04E-05	5.83E-05	2.64E-05	1.75E-08	5.27E-08	3.05E-08	3.53E-08	3.20E-08	1.46E-08	6.61E-09	5.83E-10	1.41E-08	3.11E-09	4.79E-09	7.60E-09	1.34E-09	3.47E-09	3.50E-08
3008	479376.63	3850221.93	5.19E-05	6.01E-05	2.72E-05	1.80E-08	5.44E-08	3.15E-08	3.64E-08	3.30E-08	1.51E-08	6.82E-09	6.01E-10	1.45E-08	3.20E-09	4.94E-09	7.84E-09	1.38E-09	3.58E-09	3.61E-08
3009	478676.63	3850271.93	4.02E-05	4.65E-05	2.11E-05	1.39E-08	4.21E-08	2.44E-08	2.82E-08	2.55E-08	1.17E-08	5.29E-09	4.65E-10	1.12E-08	2.48E-09	3.83E-09	6.07E-09	1.07E-09	2.77E-09	2.79E-08
3010	478726.63	3850271.93	4.03E-05	4.66E-05	2.11E-05	1.40E-08	4.22E-08	2.44E-08	2.82E-08	2.56E-08	1.17E-08	5.30E-09	4.66E-10	1.13E-08	2.49E-09	3.83E-09	6.08E-09	1.07E-09	2.78E-09	2.80E-08
3011	478976.63	3850271.93	4.20E-05	4.86E-05	2.20E-05	1.46E-08	4.39E-08	2.54E-08	2.94E-08	2.67E-08	1.22E-08	5.52E-09	4.86E-10	1.17E-08	2.59E-09	3.99E-09	6.34E-09	1.12E-09	2.90E-09	2.92E-08
3012	479026.63	3850271.93	4.28E-05	4.95E-05	2.24E-05	1.48E-08	4.47E-08	2.59E-08	3.00E-08	2.72E-08	1.24E-08	5.62E-09	4.95E-10	1.20E-08	2.64E-09	4.07E-09	6.45E-09	1.14E-09	2.95E-09	2.97E-08
3013	479076.63	3850271.93	4.35E-05	5.04E-05	2.28E-05	1.51E-08	4.55E-08	2.64E-08	3.05E-08	2.76E-08	1.26E-08	5.72E-09	5.04E-10	1.22E-08	2.69E-09	4.14E-09	6.57E-09	1.16E-09	3.00E-09	3.02E-08

3014	479126.63	3850271.93	4.45E-05	5.15E-05	2.33E-05	1.54E-08	4.66E-08	2.69E-08	3.12E-08	2.83E-08	1.29E-08	5.84E-09	5.15E-10	1.24E-08	2.74E-09	4.23E-09	6.71E-09	1.18E-09	3.07E-09	3.09E-08
3015	479176.63	3850271.93	4.56E-05	5.27E-05	2.39E-05	1.58E-08	4.77E-08	2.76E-08	3.19E-08	2.90E-08	1.32E-08	5.99E-09	5.28E-10	1.27E-08	2.81E-09	4.34E-09	6.88E-09	1.21E-09	3.14E-09	3.17E-08
3016	479226.63	3850271.93	4.69E-05	5.42E-05	2.46E-05	1.62E-08	4.91E-08	2.84E-08	3.29E-08	2.98E-08	1.36E-08	6.16E-09	5.42E-10	1.31E-08	2.89E-09	4.46E-09	7.08E-09	1.25E-09	3.23E-09	3.26E-08
3017	479276.63	3850271.93	4.82E-05	5.58E-05	2.53E-05	1.67E-08	5.04E-08	2.92E-08	3.38E-08	3.06E-08	1.40E-08	6.33E-09	5.58E-10	1.35E-08	2.97E-09	4.59E-09	7.28E-09	1.28E-09	3.32E-09	3.35E-08
3018	479326.63	3850271.93	4.95E-05	5.73E-05	2.59E-05	1.72E-08	5.18E-08	3.00E-08	3.47E-08	3.15E-08	1.44E-08	6.50E-09	5.73E-10	1.38E-08	3.05E-09	4.71E-09	7.48E-09	1.32E-09	3.41E-09	3.44E-08
3019	479376.63	3850271.93	5.09E-05	5.89E-05	2.67E-05	1.76E-08	5.33E-08	3.08E-08	3.57E-08	3.24E-08	1.48E-08	6.68E-09	5.89E-10	1.42E-08	3.14E-09	4.85E-09	7.69E-09	1.35E-09	3.51E-09	3.54E-08
3020	479053.24	3850293.52	4.32E-05	4.99E-05	2.26E-05	1.50E-08	4.52E-08	2.61E-08	3.02E-08	2.74E-08	1.25E-08	5.67E-09	5.00E-10	1.21E-08	2.66E-09	4.11E-09	6.51E-09	1.15E-09	2.98E-09	3.00E-08
3021	479103.24	3850293.52	4.40E-05	5.09E-05	2.31E-05	1.53E-08	4.61E-08	2.67E-08	3.08E-08	2.80E-08	1.28E-08	5.78E-09	5.09E-10	1.23E-08	2.71E-09	4.19E-09	6.64E-09	1.17E-09	3.03E-09	3.06E-08
3022	479153.24	3850293.52	4.49E-05	5.20E-05	2.36E-05	1.56E-08	4.70E-08	2.72E-08	3.15E-08	2.85E-08	1.30E-08	5.90E-09	5.20E-10	1.26E-08	2.77E-09	4.27E-09	6.78E-09	1.20E-09	3.10E-09	3.12E-08
3023	479203.24	3850293.52	4.61E-05	5.33E-05	2.42E-05	1.60E-08	4.82E-08	2.79E-08	3.23E-08	2.93E-08	1.34E-08	6.05E-09	5.34E-10	1.29E-08	2.84E-09	4.39E-09	6.96E-09	1.23E-09	3.18E-09	3.20E-08
3024	479253.24	3850293.52	4.73E-05	5.47E-05	2.48E-05	1.64E-08	4.95E-08	2.87E-08	3.32E-08	3.01E-08	1.37E-08	6.21E-09	5.48E-10	1.32E-08	2.92E-09	4.50E-09	7.14E-09	1.26E-09	3.26E-09	3.29E-08
3025	479303.24	3850293.52	4.86E-05	5.62E-05	2.54E-05	1.68E-08	5.08E-08	2.94E-08	3.40E-08	3.09E-08	1.41E-08	6.38E-09	5.62E-10	1.36E-08	3.00E-09	4.62E-09	7.33E-09	1.29E-09	3.35E-09	3.37E-08
3026	479353.24	3850293.52	4.99E-05	5.77E-05	2.61E-05	1.73E-08	5.22E-08	3.02E-08	3.50E-08	3.17E-08	1.45E-08	6.55E-09	5.77E-10	1.39E-08	3.08E-09	4.75E-09	7.53E-09	1.33E-09	3.44E-09	3.46E-08
3027	479153.24	3850343.52	4.48E-05	5.18E-05	2.35E-05	1.55E-08	4.69E-08	2.72E-08	3.14E-08	2.85E-08	1.30E-08	5.89E-09	5.19E-10	1.25E-08	2.76E-09	4.26E-09	6.76E-09	1.19E-09	3.09E-09	3.11E-08
3028	479203.24	3850343.52	4.66E-05	5.39E-05	2.44E-05	1.61E-08	4.87E-08	2.82E-08	3.26E-08	2.96E-08	1.35E-08	6.12E-09	5.39E-10	1.30E-08	2.87E-09	4.43E-09	7.03E-09	1.24E-09	3.21E-09	3.23E-08
3029	479253.24	3850343.52	4.68E-05	5.41E-05	2.45E-05	1.62E-08	4.90E-08	2.84E-08	3.28E-08	2.97E-08	1.36E-08	6.15E-09	5.42E-10	1.31E-08	2.89E-09	4.45E-09	7.06E-09	1.25E-09	3.23E-09	3.25E-08
3030	479303.24	3850343.52	4.79E-05	5.54E-05	2.51E-05	1.66E-08	5.01E-08	2.90E-08	3.35E-08	3.04E-08	1.39E-08	6.29E-09	5.54E-10	1.34E-08	2.95E-09	4.55E-09	7.23E-09	1.27E-09	3.30E-09	3.32E-08
3031	479353.24	3850343.52	4.91E-05	5.68E-05	2.57E-05	1.70E-08	5.14E-08	2.97E-08	3.44E-08	3.12E-08	1.42E-08	6.44E-09	5.68E-10	1.37E-08	3.03E-09	4.67E-09	7.41E-09	1.31E-09	3.38E-09	3.41E-08
3032	479203.24	3850393.52	4.62E-05	5.35E-05	2.42E-05	1.60E-08	4.84E-08	2.80E-08	3.24E-08	2.94E-08	1.34E-08	6.07E-09	5.35E-10	1.29E-08	2.85E-09	4.40E-09	6.98E-09	1.23E-09	3.19E-09	3.21E-08
3033	479253.24	3850393.52	4.71E-05	5.45E-05	2.47E-05	1.63E-08	4.93E-08	2.86E-08	3.30E-08	2.99E-08	1.37E-08	6.19E-09	5.46E-10	1.32E-08	2.91E-09	4.49E-09	7.11E-09	1.25E-09	3.25E-09	3.27E-08
3034	479303.24	3850393.52	4.82E-05	5.57E-05	2.52E-05	1.67E-08	5.04E-08	2.92E-08	3.38E-08	3.06E-08	1.40E-08	6.32E-09	5.57E-10	1.35E-08	2.97E-09	4.58E-09	7.27E-09	1.28E-09	3.32E-09	3.34E-08
3035	479353.24	3850393.52	4.85E-05	5.61E-05	2.54E-05	1.68E-08	5.08E-08	2.94E-08	3.40E-08	3.08E-08	1.41E-08	6.37E-09	5.61E-10	1.36E-08	2.99E-09	4.61E-09	7.32E-09	1.29E-09	3.34E-09	3.37E-08
3036	479403.24	3850393.52	4.97E-05	5.75E-05	2.60E-05	1.72E-08	5.20E-08	3.01E-08	3.48E-08	3.16E-08	1.44E-08	6.53E-09	5.75E-10	1.39E-08	3.07E-09	4.73E-09	7.50E-09	1.32E-09	3.42E-09	3.45E-08
3037	479453.24	3850393.52	5.10E-05	5.90E-05	2.67E-05	1.77E-08	5.34E-08	3.09E-08	3.57E-08	3.24E-08	1.48E-08	6.69E-09	5.90E-10	1.43E-08	3.15E-09	4.85E-09	7.70E-09	1.36E-09	3.51E-09	3.54E-08
3038	479503.24	3850393.52	5.24E-05	6.07E-05	2.75E-05	1.82E-08	5.49E-08	3.18E-08	3.68E-08	3.33E-08	1.52E-08	6.88E-09	6.07E-10	1.47E-08	3.23E-09	4.99E-09	7.92E-09	1.40E-09	3.61E-09	3.64E-08
3039	479303.24	3850443.52	4.77E-05	5.52E-05	2.50E-05	1.65E-08	4.99E-08	2.89E-08	3.34E-08	3.03E-08	1.38E-08	6.26E-09	5.52E-10	1.33E-08	2.94E-09	4.54E-09	7.20E-09	1.27E-09	3.29E-09	3.31E-08
3040	479353.24	3850443.52	4.79E-05	5.54E-05	2.51E-05	1.66E-08	5.01E-08	2.90E-08	3.36E-08	3.04E-08	1.39E-08	6.29E-09	5.55E-10	1.34E-08	2.96E-09	4.56E-09	7.23E-09	1.27E-09	3.30E-09	3.33E-08
3041	479403.24	3850443.52	4.89E-05	5.66E-05	2.56E-05	1.69E-08	5.12E-08	2.96E-08	3.43E-08	3.11E-08	1.42E-08	6.42E-09	5.66E-10	1.37E-08	3.02E-09	4.65E-09	7.38E-09	1.30E-09	3.37E-09	3.40E-08
3042	479453.24	3850443.52	5.01E-05	5.79E-05	2.62E-05	1.74E-08	5.24E-08	3.03E-08	3.51E-08	3.18E-08	1.45E-08	6.57E-09	5.80E-10	1.40E-08	3.09E-09	4.77E-09	7.56E-09	1.33E-09	3.45E-09	3.48E-08
3043	479503.24	3850443.52	5.14E-05	5.95E-05	2.69E-05	1.78E-08	5.38E-08	3.11E-08	3.60E-08	3.27E-08	1.49E-08	6.75E-09	5.95E-10	1.44E-08	3.17E-09	4.89E-09	7.76E-09	1.37E-09	3.54E-09	3.57E-08
3044	480327.18	3850987.04	7.12E-05	8.24E-05	3.72E-05	2.47E-08	7.45E-08	4.31E-08	4.99E-08	4.53E-08	2.07E-08	9.33E-09	8.24E-10	1.99E-08	4.39E-09	6.78E-09	1.08E-08	1.90E-09	4.90E-09	4.95E-08
3045	480377.18	3850987.04	7.33E-05	8.48E-05	3.83E-05	2.54E-08	7.67E-08	4.44E-08	5.14E-08	4.66E-08	2.13E-08	9.60E-09	8.48E-10	2.05E-08	4.52E-09	6.98E-09	1.11E-08	1.95E-09	5.04E-09	5.09E-08
3046	480427.18	3850987.04	7.53E-05	8.72E-05	3.94E-05	2.61E-08	7.88E-08	4.56E-08	5.28E-08	4.79E-08	2.18E-08	9.86E-09	8.72E-10	2.11E-08	4.65E-09	7.17E-09	1.14E-08	2.00E-09	5.18E-09	5.23E-08
3047	480477.18	3850987.04	7.72E-05	8.93E-05	4.03E-05	2.67E-08	8.08E-08	4.68E-08	5.41E-08	4.91E-08	2.24E-08	1.01E-08	8.93E-10	2.16E-08	4.76E-09	7.35E-09	1.17E-08	2.05E-09	5.30E-09	5.36E-08
3048	480327.18	3851037.04	7.01E-05	8.12E-05	3.67E-05	2.43E-08	7.34E-08	4.25E-08	4.92E-08	4.46E-08	2.03E-08	9.19E-09	8.12E-10	1.96E-08	4.33E-09	6.67E-09	1.06E-08	1.87E-09	4.82E-09	4.87E-08
3049	480377.18	3851037.04	7.23E-05	8.36E-05	3.78E-05	2.50E-08	7.56E-08	4.38E-08	5.07E-08	4.59E-08	2.10E-08	9.47E-09	8.36E-10	2.02E-08	4.46E-09	6.88E-09	1.09E-08	1.92E-09	4.97E-09	5.02E-08
3050	480427.18	3851037.04	7.44E-05	8.61E-05	3.89E-05	2.58E-08	7.78E-08	4.50E-08	5.21E-08	4.73E-08	2.16E-08	9.74E-09	8.61E-10	2.08E-08	4.59E-09	7.08E-09	1.12E-08	1.98E-09	5.11E-09	5.16E-08
3051	480477.18	3851037.04	7.64E-05	8.84E-05	3.99E-05	2.65E-08	8.00E-08	4.63E-08	5.36E-08	4.86E-08	2.22E-08	1.00E-08	8.84E-10	2.14E-08	4.71E-09	7.27E-09	1.15E-08	2.03E-09	5.25E-09	5.31E-08
3052	480622.06	3851087.39	8.13E-05	9.41E-05	4.25E-05	2.82E-08	8.51E-08	4.93E-08	5.70E-08	5.17E-08	2.36E-08	1.06E-08	9.41E-10	2.27E-08	5.02E-09	7.74E-09	1.23E-08	2.16E-09	5.59E-09	5.65E-08
3053	480672.06	3851087.39	8.31E-05	9.62E-05	4.34E-05	2.88E-08	8.69E-08	5.03E-08	5.82E-08	5.28E-08	2.41E-08	1.09E-08	9.61E-10	2.32E-08	5.12E-09	7.91E-09	1.25E-08	2.21E-09	5.71E-09	5.77E-08
3054	480622.06	3851137.39	8.07E-05	9.33E-05	4.21E-05	2.80E-08	8.44E-08	4.89E-08	5.65E-08	5.13E-08	2.34E-08	1.06E-08	9.33E-10	2.25E-08	4.98E-09	7.68E-09	1.22E-08	2.15E-09	5.54E-09	5.60E-08
3055	480672.06	3851137.39	8.26E-05	9.56E-05	4.32E-05	2.86E-08	8.64E-08	5.00E-08	5.79E-08	5.25E-08	2.40E-08	1.08E-08	9.56E-10	2.31E-08	5.10E-09	7.86E-09	1.25E-08	2.20E-09	5.68E-09	5.74E-08
3056	480722.06	3851137.39	8.44E-05	9.77E-05	4.41E-05	2.93E-08	8.84E-08	5.12E-08	5.92E-08	5.37E-08	2.45E-08	1.11E-08	9.77E-10	2.36E-08	5.21E-09	8.04E-09	1.28E-08	2.25E-09	5.80E-09	5.86E-08
3057	480622.06	3851187.39	7.97E-05	9.23E-05	4.17E-05	2.76E-08	8.34E-08	4.83E-08	5.59E-08	5.07E-08	2.31E-08	1.04E-08	9.23E-10	2.23E-08	4.92E-09	7.59E-09	1.20E-08	2.12E-09	5.48E-09	5.54E-08
3058	480672.06	3851187.39	8.19E-05	9.48E-05	4.28E-05	2.84E-08	8.57E-08	4.96E-08	5.74E-08	5.21E-08	2.38E-08	1.07E-08	9.48E-10	2.29E-08	5.05E-09	7.80E-09	1.24E-08	2.18E-09	5.63E-09	5.69E-08
3059	480722.06	3851187.39	8.39E-05	9.71E-05	4.38E-05	2.91E-08	8.78E-08	5.08E-08	5.88E-08	5.33E-08	2.43E-08	1.10E-08	9.71E-10	2.35E-08	5.18E-09	7.99E-09	1.27E-08	2.23E-09	5.77E-09	5.83E-08
3060	471363.09	3845877.25	1.32E-05	1.53E-05	7.01E-06	4.59E-09	1.39E-08	8.02E-09	9.27E-09	8.40E-09	3.83E-09	1.76E-09	1.53E-10	3.70E-09	8.17E-10	1.26E-09	2.00E-09	3.52E-10	9.21E-10	9.20E-09
3061	471863.09	3845877.25	1.27E-05	1.46E-05	6.70E-06	4.39E-09	1.32E-08	7.67E-09	8.86E-09	8.03E-09	3.66E-09	1.68E-09	1.46E-10	3.54E-09	7.81E-10	1.20E-09	1.91E-09	3.36E-10	8.81E-10	8.79E-09
3062	472363.09	3845877.25	1.36E-05	1.57E-05	7.19E-06	4.71E-09	1.42E-08	8.23E-09	9.50E-09	8.61E-09	3.93E-09	1.80E-09	1.57E-10	3.80E-09	8.38E-10	1.29E-09	2.05E-09	3.61E-10	9.45E-10	9.43E-09
3063	472863.09	3845877.25	1.17E-05	1.35E-05	6.21E-06	4.06E-09	1.22E-08	7.09E-09	8.19E-09	7.42E-09	3.39E-09	1.56E-09	1.35E-10	3.27E-09	7.22E-10	1.11E-09	1.76E-09	3.11E-10	8.16E-10	8.13E-09
3064	473363.09	3845877.25	1.10E-05	1.27E-05	5.87E-06	3.83E-09	1.16E-08	6.69E-09	7.72E-09	7.00E-09	3.19E-09	1.47E-09	1.28E-10	3.09E-09	6.81E-10	1.05E-09	1.66E-09	2.93E-10	7.71E-10	7.67E-09
3065	473863.09	3845877.25	1.17E-05	1.35E-05	6.21E-06	4.06E-09	1.22E-08	7.09E-09	8.19E-09	7.42E-09	3.39E-09	1.56E-09	1.35E-10	3.27E-09	7.22E-10	1.11E-09	1.76E-09	3.11E-10	8.16E-10	8.13E-09
3066	474363.09	3845877.25	1.34E-05	1.54E-05	7.07E-06	4.63E-09	1.40E-08	8.09E-09	9.35E-09	8.47E-09	3.87E-09	1.77E-09	1.55E-10	3.73E-09	8.24E-10	1.27E-09	2.01E-09	3.55E-10	9.29E-10	9.28E-09

3067	474863.09	3845877.25	1.62E-05	1.87E-05	8.52E-06	5.60E-09	1.69E-08	9.79E-09	1.13E-08	1.03E-08	4.68E-09	2.14E-09	1.87E-10	4.52E-09	9.97E-10	1.54E-09	2.44E-09	4.29E-10	1.12E-09	1.12E-08
3068	475363.09	3845877.25	2.26E-05	2.62E-05	1.19E-05	7.84E-09	2.37E-08	1.37E-08	1.59E-08	1.44E-08	6.56E-09	2.98E-09	2.62E-10	6.33E-09	1.40E-09	2.15E-09	3.41E-09	6.02E-10	1.56E-09	1.57E-08
3069	475863.09	3845877.25	2.36E-05	2.72E-05	1.24E-05	8.16E-09	2.46E-08	1.43E-08	1.65E-08	1.50E-08	6.83E-09	3.10E-09	2.73E-10	6.58E-09	1.45E-09	2.24E-09	3.55E-09	6.26E-10	1.63E-09	1.64E-08
3070	476363.09	3845877.25	2.18E-05	2.52E-05	1.15E-05	7.55E-09	2.28E-08	1.32E-08	1.53E-08	1.38E-08	6.31E-09	2.87E-09	2.52E-10	6.09E-09	1.34E-09	2.07E-09	3.29E-09	5.79E-10	1.51E-09	1.51E-08
3071	476863.09	3845877.25	2.07E-05	2.39E-05	1.09E-05	7.17E-09	2.17E-08	1.25E-08	1.45E-08	1.31E-08	6.00E-09	2.73E-09	2.40E-10	5.79E-09	1.28E-09	1.97E-09	3.12E-09	5.50E-10	1.43E-09	1.44E-08
3072	477363.09	3845877.25	1.52E-05	1.76E-05	8.05E-06	5.27E-09	1.59E-08	9.21E-09	1.06E-08	9.65E-09	4.40E-09	2.02E-09	1.76E-10	4.25E-09	9.38E-10	1.44E-09	2.29E-09	4.04E-10	1.06E-09	1.06E-08
3073	477863.09	3845877.25	1.32E-05	1.52E-05	6.99E-06	4.56E-09	1.38E-08	7.97E-09	9.20E-09	8.34E-09	3.81E-09	1.75E-09	1.52E-10	3.68E-09	8.12E-10	1.25E-09	1.98E-09	3.49E-10	9.19E-10	9.14E-09
3074	478363.09	3845877.25	1.41E-05	1.63E-05	7.50E-06	4.90E-09	1.48E-08	8.57E-09	9.89E-09	8.97E-09	4.09E-09	1.88E-09	1.64E-10	3.95E-09	8.73E-10	1.34E-09	2.13E-09	3.76E-10	9.87E-10	9.83E-09
3075	478863.09	3845877.25	1.23E-05	1.42E-05	6.56E-06	4.28E-09	1.29E-08	7.47E-09	8.63E-09	7.82E-09	3.57E-09	1.64E-09	1.43E-10	3.45E-09	7.61E-10	1.17E-09	1.86E-09	3.27E-10	8.63E-10	8.57E-09
3076	479363.09	3845877.25	1.17E-05	1.36E-05	6.25E-06	4.07E-09	1.23E-08	7.12E-09	8.21E-09	7.44E-09	3.40E-09	1.57E-09	1.36E-10	3.28E-09	7.25E-10	1.12E-09	1.77E-09	3.12E-10	8.22E-10	8.16E-09
3077	479863.09	3845877.25	1.19E-05	1.37E-05	6.33E-06	4.12E-09	1.24E-08	7.21E-09	8.32E-09	7.54E-09	3.44E-09	1.59E-09	1.38E-10	3.33E-09	7.34E-10	1.13E-09	1.79E-09	3.16E-10	8.33E-10	8.27E-09
3078	480363.09	3845877.25	1.05E-05	1.21E-05	5.59E-06	3.63E-09	1.10E-08	6.34E-09	7.31E-09	6.63E-09	3.03E-09	1.40E-09	1.21E-10	2.93E-09	6.46E-10	9.93E-10	1.58E-09	2.78E-10	7.35E-10	7.27E-09
3079	480863.09	3845877.25	9.15E-06	1.05E-05	4.91E-06	3.17E-09	9.58E-09	5.54E-09	6.39E-09	5.79E-09	2.64E-09	1.23E-09	1.06E-10	2.56E-09	5.64E-10	8.68E-10	1.38E-09	2.43E-10	6.46E-10	6.36E-09
3080	481363.09	3845877.25	8.02E-06	9.23E-06	4.33E-06	2.78E-09	8.39E-09	4.86E-09	5.59E-09	5.07E-09	2.31E-09	1.08E-09	9.28E-11	2.24E-09	4.95E-10	7.59E-10	1.20E-09	2.12E-10	5.69E-10	5.57E-09
3081	481863.09	3845877.25	7.47E-06	8.60E-06	4.05E-06	2.59E-09	7.82E-09	4.53E-09	5.21E-09	4.72E-09	2.16E-09	1.01E-09	8.65E-11	2.09E-09	4.61E-10	7.08E-10	1.12E-09	1.98E-10	5.32E-10	5.20E-09
3082	482363.09	3845877.25	7.15E-06	8.23E-06	3.88E-06	2.48E-09	7.48E-09	4.33E-09	4.98E-09	4.52E-09	2.06E-09	9.72E-10	8.27E-11	2.00E-09	4.41E-10	6.77E-10	1.07E-09	1.89E-10	5.10E-10	4.97E-09
3083	482863.09	3845877.25	5.83E-06	6.70E-06	3.20E-06	2.02E-09	6.10E-09	3.53E-09	4.06E-09	3.68E-09	1.68E-09	8.01E-10	6.75E-11	1.63E-09	3.60E-10	5.51E-10	8.74E-10	1.54E-10	4.20E-10	4.06E-09
3084	483363.09	3845877.25	5.36E-06	6.15E-06	2.96E-06	1.86E-09	5.61E-09	3.25E-09	3.73E-09	3.38E-09	1.54E-09	7.41E-10	6.20E-11	1.50E-09	3.31E-10	5.06E-10	8.03E-10	1.41E-10	3.89E-10	3.73E-09
3085	483863.09	3845877.25	6.12E-06	7.03E-06	3.37E-06	2.12E-09	6.41E-09	3.71E-09	4.26E-09	3.86E-09	1.76E-09	8.44E-10	7.09E-11	1.71E-09	3.78E-10	5.78E-10	9.17E-10	1.62E-10	4.43E-10	4.26E-09
3086	484363.09	3845877.25	5.99E-06	6.87E-06	3.30E-06	2.08E-09	6.27E-09	3.63E-09	4.16E-09	3.77E-09	1.72E-09	8.28E-10	6.93E-11	1.67E-09	3.69E-10	5.65E-10	8.97E-10	1.58E-10	4.35E-10	4.17E-09
3087	484863.09	3845877.25	5.83E-06	6.69E-06	3.22E-06	2.02E-09	6.10E-09	3.53E-09	4.06E-09	3.68E-09	1.68E-09	8.06E-10	6.75E-11	1.63E-09	3.60E-10	5.51E-10	8.73E-10	1.54E-10	4.23E-10	4.06E-09
3088	485363.09	3845877.25	5.52E-06	6.33E-06	3.04E-06	1.91E-09	5.77E-09	3.34E-09	3.83E-09	3.48E-09	1.59E-09	7.62E-10	6.38E-11	1.54E-09	3.40E-10	5.21E-10	8.26E-10	1.46E-10	4.00E-10	3.84E-09
3089	485863.09	3845877.25	5.23E-06	6.01E-06	2.89E-06	1.81E-09	5.48E-09	3.17E-09	3.64E-09	3.30E-09	1.51E-09	7.23E-10	6.06E-11	1.46E-09	3.23E-10	4.94E-10	7.84E-10	1.38E-10	3.79E-10	3.64E-09
3090	486363.09	3845877.25	5.07E-06	5.82E-06	2.79E-06	1.76E-09	5.30E-09	3.07E-09	3.53E-09	3.20E-09	1.46E-09	6.99E-10	5.87E-11	1.42E-09	3.13E-10	4.79E-10	7.59E-10	1.34E-10	3.67E-10	3.53E-09
3091	486863.09	3845877.25	4.65E-06	5.33E-06	2.56E-06	1.61E-09	4.86E-09	2.82E-09	3.23E-09	2.93E-09	1.34E-09	6.42E-10	5.38E-11	1.30E-09	2.87E-10	4.39E-10	6.96E-10	1.23E-10	3.37E-10	3.23E-09
3092	487363.09	3845877.25	4.53E-06	5.20E-06	2.50E-06	1.57E-09	4.74E-09	2.74E-09	3.15E-09	2.85E-09	1.30E-09	6.25E-10	5.24E-11	1.27E-09	2.79E-10	4.27E-10	6.78E-10	1.19E-10	3.28E-10	3.15E-09
3093	487863.09	3845877.25	4.34E-06	4.98E-06	2.40E-06	1.50E-09	4.54E-09	2.63E-09	3.02E-09	2.73E-09	1.25E-09	6.00E-10	5.02E-11	1.21E-09	2.68E-10	4.10E-10	6.50E-10	1.15E-10	3.15E-10	3.02E-09
3094	488363.09	3845877.25	4.27E-06	4.90E-06	2.36E-06	1.48E-09	4.47E-09	2.59E-09	2.97E-09	2.69E-09	1.23E-09	5.91E-10	4.94E-11	1.19E-09	2.63E-10	4.03E-10	6.39E-10	1.13E-10	3.10E-10	2.97E-09
3095	488863.09	3845877.25	4.64E-06	5.32E-06	2.57E-06	1.61E-09	4.85E-09	2.81E-09	3.22E-09	2.92E-09	1.33E-09	6.44E-10	5.37E-11	1.30E-09	2.86E-10	4.38E-10	6.94E-10	1.22E-10	3.38E-10	3.23E-09
3096	489363.09	3845877.25	4.65E-06	5.33E-06	2.58E-06	1.61E-09	4.86E-09	2.82E-09	3.23E-09	2.93E-09	1.34E-09	6.47E-10	5.38E-11	1.30E-09	2.87E-10	4.38E-10	6.95E-10	1.23E-10	3.39E-10	3.23E-09
3097	489863.09	3845877.25	4.58E-06	5.25E-06	2.55E-06	1.59E-09	4.79E-09	2.77E-09	3.18E-09	2.88E-09	1.31E-09	6.38E-10	5.30E-11	1.28E-09	2.82E-10	4.32E-10	6.85E-10	1.21E-10	3.35E-10	3.19E-09
3098	490363.09	3845877.25	4.33E-06	4.97E-06	2.41E-06	1.50E-09	4.53E-09	2.63E-09	3.01E-09	2.73E-09	1.24E-09	6.03E-10	5.02E-11	1.21E-09	2.67E-10	4.09E-10	6.48E-10	1.14E-10	3.17E-10	3.02E-09
3099	490863.09	3845877.25	4.02E-06	4.61E-06	2.23E-06	1.39E-09	4.20E-09	2.43E-09	2.79E-09	2.53E-09	1.15E-09	5.60E-10	4.65E-11	1.12E-09	2.48E-10	3.79E-10	6.01E-10	1.06E-10	2.94E-10	2.80E-09
3100	491363.09	3845877.25	4.25E-06	4.88E-06	2.36E-06	1.47E-09	4.45E-09	2.58E-09	2.95E-09	2.68E-09	1.22E-09	5.92E-10	4.92E-11	1.19E-09	2.62E-10	4.01E-10	6.36E-10	1.12E-10	3.11E-10	2.96E-09
3101	491863.09	3845877.25	4.53E-06	5.19E-06	2.51E-06	1.57E-09	4.74E-09	2.74E-09	3.14E-09	2.85E-09	1.30E-09	6.30E-10	5.24E-11	1.27E-09	2.79E-10	4.27E-10	6.77E-10	1.19E-10	3.30E-10	3.15E-09
3102	492363.09	3845877.25	4.52E-06	5.18E-06	2.51E-06	1.57E-09	4.73E-09	2.74E-09	3.14E-09	2.85E-09	1.30E-09	6.28E-10	5.23E-11	1.26E-09	2.79E-10	4.26E-10	6.76E-10	1.19E-10	3.29E-10	3.15E-09
3103	492863.09	3845877.25	5.13E-06	5.89E-06	2.84E-06	1.78E-09	5.37E-09	3.11E-09	3.57E-09	3.23E-09	1.48E-09	7.11E-10	5.94E-11	1.44E-09	3.17E-10	4.84E-10	7.69E-10	1.35E-10	3.73E-10	3.57E-09
3104	493363.09	3845877.25	5.44E-06	6.24E-06	3.00E-06	1.88E-09	5.69E-09	3.29E-09	3.78E-09	3.43E-09	1.56E-09	7.51E-10	6.29E-11	1.52E-09	3.35E-10	5.13E-10	8.14E-10	1.43E-10	3.94E-10	3.78E-09
3105	493863.09	3845877.25	5.81E-06	6.67E-06	3.19E-06	2.01E-09	6.08E-09	3.52E-09	4.04E-09	3.66E-09	1.67E-09	8.00E-10	6.72E-11	1.62E-09	3.58E-10	5.48E-10	8.70E-10	1.53E-10	4.20E-10	4.04E-09
3106	494363.09	3845877.25	6.25E-06	7.18E-06	3.42E-06	2.17E-09	6.54E-09	3.79E-09	4.35E-09	3.94E-09	1.80E-09	8.58E-10	7.23E-11	1.75E-09	3.86E-10	5.91E-10	9.37E-10	1.65E-10	4.50E-10	4.35E-09
3107	494863.09	3845877.25	6.48E-06	7.44E-06	3.54E-06	2.24E-09	6.78E-09	3.92E-09	4.51E-09	4.09E-09	1.86E-09	8.88E-10	7.50E-11	1.81E-09	3.99E-10	6.12E-10	9.71E-10	1.71E-10	4.66E-10	4.51E-09
3108	495363.09	3845877.25	6.89E-06	7.92E-06	3.77E-06	2.39E-09	7.21E-09	4.18E-09	4.80E-09	4.35E-09	1.99E-09	9.44E-10	7.98E-11	1.93E-09	4.25E-10	6.52E-10	1.03E-09	1.82E-10	4.95E-10	4.79E-09
3109	495863.09	3845877.25	7.27E-06	8.36E-06	3.96E-06	2.52E-09	7.61E-09	4.40E-09	5.06E-09	4.59E-09	2.09E-09	9.93E-10	8.41E-11	2.03E-09	4.48E-10	6.87E-10	1.09E-09	1.92E-10	5.21E-10	5.06E-09
3110	496363.09	3845877.25	7.58E-06	8.71E-06	4.13E-06	2.63E-09	7.93E-09	4.59E-09	5.28E-09	4.78E-09	2.18E-09	1.03E-09	8.77E-11	2.12E-09	4.67E-10	7.16E-10	1.14E-09	2.00E-10	5.43E-10	5.27E-09
3111	496863.09	3845877.25	7.81E-06	8.98E-06	4.26E-06	2.71E-09	8.18E-09	4.73E-09	5.44E-09	4.93E-09	2.25E-09	1.07E-09	9.04E-11	2.18E-09	4.82E-10	7.39E-10	1.17E-09	2.07E-10	5.61E-10	5.44E-09
3112	497363.09	3845877.25	8.21E-06	9.44E-06	4.48E-06	2.84E-09	8.59E-09	4.97E-09	5.72E-09	5.18E-09	2.36E-09	1.12E-09	9.50E-11	2.29E-09	5.06E-10	7.76E-10	1.23E-09	2.17E-10	5.89E-10	5.71E-09
3113	497863.09	3845877.25	8.71E-06	1.00E-05	4.76E-06	3.02E-09	9.12E-09	5.28E-09	6.07E-09	5.50E-09	2.51E-09	1.19E-09	1.01E-10	2.44E-09	5.38E-10	8.24E-10	1.31E-09	2.30E-10	6.26E-10	6.06E-09
3114	498363.09	3845877.25	9.18E-06	1.06E-05	5.01E-06	3.18E-09	9.61E-09	5.56E-09	6.40E-09	5.80E-09	2.65E-09	1.26E-09	1.06E-10	2.57E-09	5.66E-10	8.68E-10	1.38E-09	2.43E-10	6.59E-10	6.39E-09
3115	471363.09	3846377.25	1.86E-05	2.15E-05	9.82E-06	6.46E-09	1.95E-08	1.13E-08	1.30E-08	1.18E-08	5.40E-09	2.46E-09	2.16E-10	5.21E-09	1.15E-09	1.77E-09	2.81E-09	4.95E-10	1.29E-09	1.29E-08
3116	471863.09	3846377.25	1.77E-05	2.05E-05	9.34E-06	6.14E-09	1.85E-08	1.07E-08	1.24E-08	1.12E-08	5.13E-09	2.34E-09	2.05E-10	4.95E-09	1.09E-09	1.68E-09	2.67E-09	4.71E-10	1.23E-09	1.23E-08
3117	472363.09	3846377.25	1.38E-05	1.59E-05	7.29E-06	4.77E-09	1.44E-08	8.34E-09	9.64E-09	8.73E-09	3.99E-09	1.83E-09	1.59E-10	3.85E-09	8.49E-10	1.31E-09	2.08E-09	3.66E-10	9.58E-10	9.57E-09
3118	472863.09	3846377.25	1.37E-05	1.59E-05	7.27E-06	4.76E-09	1.44E-08	8.32E-09	9.61E-09	8.71E-09	3.98E-09	1.82E-09	1.59E-10	3.84E-09	8.47E-10	1.30E-09	2.07E-09	3.65E-10	9.56E-10	9.54E-09
3119	473363.09	3846377.25	1.37E-05	1.58E-05	7.25E-06	4.75E-09	1.43E-08	8.30E-09	9.59E-09	8.69E-09	3.97E-09	1.82E-09	1.59E-10	3.83E-09	8.45E-10	1.30E-09	2.06E-09	3.64E-10	9.54E-10	9.52E-09

3120	473863.09	3846377.25	1.33E-05	1.54E-05	7.04E-06	4.61E-09	1.39E-08	8.06E-09	9.30E-09	8.43E-09	3.85E-09	1.77E-09	1.54E-10	3.72E-09	8.20E-10	1.26E-09	2.00E-09	3.53E-10	9.26E-10	9.24E-09
3121	474363.09	3846377.25	1.38E-05	1.59E-05	7.29E-06	4.77E-09	1.44E-08	8.34E-09	9.64E-09	8.74E-09	3.99E-09	1.83E-09	1.59E-10	3.85E-09	8.50E-10	1.31E-09	2.08E-09	3.66E-10	9.59E-10	9.57E-09
3122	474863.09	3846377.25	1.57E-05	1.81E-05	8.27E-06	5.42E-09	1.64E-08	9.48E-09	1.10E-08	9.93E-09	4.53E-09	2.07E-09	1.81E-10	4.38E-09	9.65E-10	1.49E-09	2.36E-09	4.16E-10	1.09E-09	1.09E-08
3123	475363.09	3846377.25	1.86E-05	2.15E-05	9.80E-06	6.45E-09	1.95E-08	1.13E-08	1.30E-08	1.18E-08	5.39E-09	2.46E-09	2.15E-10	5.20E-09	1.15E-09	1.77E-09	2.80E-09	4.94E-10	1.29E-09	1.29E-08
3124	475863.09	3846377.25	2.57E-05	2.98E-05	1.35E-05	8.92E-09	2.69E-08	1.56E-08	1.80E-08	1.63E-08	7.46E-09	3.39E-09	2.98E-10	7.20E-09	1.59E-09	2.45E-09	3.88E-09	6.84E-10	1.78E-09	1.79E-08
3125	476363.09	3846377.25	2.58E-05	2.99E-05	1.36E-05	8.95E-09	2.70E-08	1.56E-08	1.81E-08	1.64E-08	7.48E-09	3.40E-09	2.99E-10	7.22E-09	1.59E-09	2.46E-09	3.89E-09	6.86E-10	1.78E-09	1.79E-08
3126	476863.09	3846377.25	2.41E-05	2.79E-05	1.27E-05	8.35E-09	2.52E-08	1.46E-08	1.69E-08	1.53E-08	6.98E-09	3.17E-09	2.79E-10	6.73E-09	1.49E-09	2.29E-09	3.63E-09	6.41E-10	1.66E-09	1.67E-08
3127	477363.09	3846377.25	2.24E-05	2.59E-05	1.18E-05	7.75E-09	2.34E-08	1.36E-08	1.57E-08	1.42E-08	6.48E-09	2.95E-09	2.59E-10	6.26E-09	1.38E-09	2.13E-09	3.38E-09	5.95E-10	1.55E-09	1.55E-08
3128	477863.09	3846377.25	1.58E-05	1.82E-05	8.36E-06	5.47E-09	1.65E-08	9.56E-09	1.10E-08	1.00E-08	4.57E-09	2.09E-09	1.83E-10	4.41E-09	9.73E-10	1.50E-09	2.38E-09	4.19E-10	1.10E-09	1.10E-08
3129	478363.09	3846377.25	1.50E-05	1.73E-05	7.97E-06	5.20E-09	1.57E-08	9.10E-09	1.05E-08	9.52E-09	4.35E-09	2.00E-09	1.74E-10	4.20E-09	9.26E-10	1.43E-09	2.26E-09	3.99E-10	1.05E-09	1.04E-08
3130	478863.09	3846377.25	1.58E-05	1.82E-05	8.36E-06	5.47E-09	1.65E-08	9.56E-09	1.10E-08	1.00E-08	4.57E-09	2.10E-09	1.83E-10	4.41E-09	9.74E-10	1.50E-09	2.38E-09	4.19E-10	1.10E-09	1.10E-08
3131	479363.09	3846377.25	1.38E-05	1.60E-05	7.34E-06	4.79E-09	1.45E-08	8.37E-09	9.67E-09	8.76E-09	4.00E-09	1.84E-09	1.60E-10	3.86E-09	8.53E-10	1.31E-09	2.08E-09	3.67E-10	9.65E-10	9.60E-09
3132	479863.09	3846377.25	1.28E-05	1.48E-05	6.82E-06	4.45E-09	1.34E-08	7.77E-09	8.97E-09	8.13E-09	3.71E-09	1.71E-09	1.48E-10	3.59E-09	7.91E-10	1.22E-09	1.93E-09	3.41E-10	8.97E-10	8.91E-09
3133	480363.09	3846377.25	1.34E-05	1.54E-05	7.10E-06	4.63E-09	1.40E-08	8.09E-09	9.34E-09	8.46E-09	3.86E-09	1.78E-09	1.55E-10	3.73E-09	8.24E-10	1.27E-09	2.01E-09	3.54E-10	9.33E-10	9.28E-09
3134	480863.09	3846377.25	1.09E-05	1.26E-05	5.84E-06	3.79E-09	1.14E-08	6.62E-09	7.64E-09	6.92E-09	3.16E-09	1.46E-09	1.26E-10	3.05E-09	6.74E-10	1.04E-09	1.64E-09	2.90E-10	7.68E-10	7.59E-09
3135	481363.09	3846377.25	9.76E-06	1.12E-05	5.24E-06	3.38E-09	1.02E-08	5.91E-09	6.81E-09	6.18E-09	2.82E-09	1.31E-09	1.13E-10	2.73E-09	6.02E-10	9.25E-10	1.47E-09	2.59E-10	6.89E-10	6.78E-09
3136	481863.09	3846377.25	8.44E-06	9.72E-06	4.55E-06	2.93E-09	8.83E-09	5.11E-09	5.89E-09	5.34E-09	2.44E-09	1.14E-09	9.77E-11	2.36E-09	5.21E-10	8.00E-10	1.27E-09	2.24E-10	5.99E-10	5.87E-09
3137	482363.09	3846377.25	7.97E-06	9.17E-06	4.31E-06	2.76E-09	8.34E-09	4.83E-09	5.56E-09	5.04E-09	2.30E-09	1.08E-09	9.22E-11	2.23E-09	4.92E-10	7.54E-10	1.20E-09	2.11E-10	5.67E-10	5.54E-09
3138	482863.09	3846377.25	6.80E-06	7.82E-06	3.71E-06	2.36E-09	7.11E-09	4.12E-09	4.74E-09	4.29E-09	1.96E-09	9.29E-10	7.87E-11	1.90E-09	4.19E-10	6.43E-10	1.02E-09	1.80E-10	4.87E-10	4.73E-09
3139	483363.09	3846377.25	7.00E-06	8.05E-06	3.82E-06	2.43E-09	7.32E-09	4.24E-09	4.87E-09	4.42E-09	2.02E-09	9.57E-10	8.10E-11	1.96E-09	4.32E-10	6.62E-10	1.05E-09	1.85E-10	5.02E-10	4.87E-09
3140	483863.09	3846377.25	6.87E-06	7.90E-06	3.76E-06	2.38E-09	7.19E-09	4.16E-09	4.78E-09	4.34E-09	1.98E-09	9.43E-10	7.95E-11	1.92E-09	4.24E-10	6.49E-10	1.03E-09	1.82E-10	4.95E-10	4.78E-09
3141	484363.09	3846377.25	6.30E-06	7.23E-06	3.47E-06	2.18E-09	6.59E-09	3.81E-09	4.38E-09	3.97E-09	1.81E-09	8.69E-10	7.29E-11	1.76E-09	3.88E-10	5.94E-10	9.43E-10	1.66E-10	4.56E-10	4.38E-09
3142	484863.09	3846377.25	6.71E-06	7.70E-06	3.69E-06	2.32E-09	7.02E-09	4.06E-09	4.67E-09	4.23E-09	1.93E-09	9.24E-10	7.76E-11	1.88E-09	4.14E-10	6.34E-10	1.01E-09	1.77E-10	4.85E-10	4.67E-09
3143	485363.09	3846377.25	6.55E-06	7.52E-06	3.60E-06	2.27E-09	6.85E-09	3.96E-09	4.55E-09	4.13E-09	1.88E-09	9.01E-10	7.57E-11	1.83E-09	4.04E-10	6.18E-10	9.81E-10	1.73E-10	4.73E-10	4.55E-09
3144	485863.09	3846377.25	5.85E-06	6.72E-06	3.22E-06	2.03E-09	6.12E-09	3.54E-09	4.07E-09	3.69E-09	1.68E-09	8.06E-10	6.77E-11	1.63E-09	3.61E-10	5.52E-10	8.76E-10	1.54E-10	4.23E-10	4.07E-09
3145	486363.09	3846377.25	5.05E-06	5.79E-06	2.78E-06	1.75E-09	5.28E-09	3.06E-09	3.51E-09	3.18E-09	1.45E-09	6.98E-10	5.84E-11	1.41E-09	3.11E-10	4.76E-10	7.56E-10	1.33E-10	3.66E-10	3.51E-09
3146	486863.09	3846377.25	4.81E-06	5.52E-06	2.65E-06	1.67E-09	5.03E-09	2.91E-09	3.34E-09	3.03E-09	1.38E-09	6.64E-10	5.56E-11	1.34E-09	2.96E-10	4.54E-10	7.20E-10	1.27E-10	3.49E-10	3.34E-09
3147	487363.09	3846377.25	4.84E-06	5.56E-06	2.67E-06	1.68E-09	5.06E-09	2.93E-09	3.37E-09	3.05E-09	1.39E-09	6.68E-10	5.60E-11	1.35E-09	2.98E-10	4.57E-10	7.25E-10	1.28E-10	3.51E-10	3.37E-09
3148	487863.09	3846377.25	5.18E-06	5.95E-06	2.85E-06	1.79E-09	5.42E-09	3.14E-09	3.60E-09	3.27E-09	1.49E-09	7.13E-10	5.99E-11	1.45E-09	3.19E-10	4.89E-10	7.76E-10	1.37E-10	3.74E-10	3.60E-09
3149	488363.09	3846377.25	5.16E-06	5.92E-06	2.84E-06	1.79E-09	5.40E-09	3.12E-09	3.59E-09	3.25E-09	1.48E-09	7.13E-10	5.97E-11	1.44E-09	3.18E-10	4.87E-10	7.72E-10	1.36E-10	3.74E-10	3.59E-09
3150	488863.09	3846377.25	5.03E-06	5.77E-06	2.79E-06	1.74E-09	5.26E-09	3.05E-09	3.50E-09	3.17E-09	1.45E-09	6.98E-10	5.82E-11	1.41E-09	3.10E-10	4.75E-10	7.53E-10	1.33E-10	3.66E-10	3.50E-09
3151	489363.09	3846377.25	5.08E-06	5.83E-06	2.82E-06	1.76E-09	5.32E-09	3.08E-09	3.53E-09	3.20E-09	1.46E-09	7.08E-10	5.88E-11	1.42E-09	3.14E-10	4.79E-10	7.61E-10	1.34E-10	3.71E-10	3.54E-09
3152	489863.09	3846377.25	5.00E-06	5.74E-06	2.78E-06	1.73E-09	5.23E-09	3.03E-09	3.47E-09	3.15E-09	1.44E-09	6.96E-10	5.79E-11	1.40E-09	3.09E-10	4.72E-10	7.48E-10	1.32E-10	3.65E-10	3.48E-09
3153	490363.09	3846377.25	4.53E-06	5.19E-06	2.51E-06	1.57E-09	4.74E-09	2.74E-09	3.14E-09	2.85E-09	1.30E-09	6.30E-10	5.24E-11	1.27E-09	2.79E-10	4.27E-10	6.77E-10	1.19E-10	3.31E-10	3.15E-09
3154	490863.09	3846377.25	4.41E-06	5.06E-06	2.45E-06	1.53E-09	4.62E-09	2.67E-09	3.06E-09	2.78E-09	1.27E-09	6.14E-10	5.11E-11	1.23E-09	2.72E-10	4.16E-10	6.60E-10	1.16E-10	3.22E-10	3.07E-09
3155	491363.09	3846377.25	4.49E-06	5.15E-06	2.49E-06	1.56E-09	4.70E-09	2.72E-09	3.12E-09	2.83E-09	1.29E-09	6.25E-10	5.20E-11	1.25E-09	2.77E-10	4.23E-10	6.72E-10	1.18E-10	3.28E-10	3.12E-09
3156	491863.09	3846377.25	5.10E-06	5.86E-06	2.83E-06	1.77E-09	5.34E-09	3.09E-09	3.55E-09	3.22E-09	1.47E-09	7.08E-10	5.91E-11	1.43E-09	3.15E-10	4.82E-10	7.64E-10	1.35E-10	3.72E-10	3.55E-09
3157	492363.09	3846377.25	5.26E-06	6.03E-06	2.91E-06	1.82E-09	5.50E-09	3.18E-09	3.65E-09	3.31E-09	1.51E-09	7.29E-10	6.08E-11	1.47E-09	3.24E-10	4.96E-10	7.87E-10	1.39E-10	3.82E-10	3.66E-09
3158	492863.09	3846377.25	5.48E-06	6.29E-06	3.03E-06	1.90E-09	5.74E-09	3.32E-09	3.81E-09	3.46E-09	1.58E-09	7.59E-10	6.35E-11	1.53E-09	3.38E-10	5.18E-10	8.21E-10	1.45E-10	3.98E-10	3.82E-09
3159	493363.09	3846377.25	5.97E-06	6.86E-06	3.29E-06	2.07E-09	6.25E-09	3.62E-09	4.15E-09	3.76E-09	1.72E-09	8.23E-10	6.91E-11	1.67E-09	3.68E-10	5.64E-10	8.94E-10	1.58E-10	4.32E-10	4.15E-09
3160	493863.09	3846377.25	6.41E-06	7.37E-06	3.52E-06	2.22E-09	6.71E-09	3.89E-09	4.46E-09	4.05E-09	1.85E-09	8.81E-10	7.42E-11	1.79E-09	3.96E-10	6.06E-10	9.61E-10	1.69E-10	4.62E-10	4.46E-09
3161	494363.09	3846377.25	6.86E-06	7.89E-06	3.75E-06	2.38E-09	7.18E-09	4.16E-09	4.78E-09	4.33E-09	1.98E-09	9.40E-10	7.94E-11	1.92E-09	4.23E-10	6.49E-10	1.03E-09	1.81E-10	4.93E-10	4.77E-09
3162	494863.09	3846377.25	7.28E-06	8.37E-06	3.97E-06	2.52E-09	7.62E-09	4.41E-09	5.07E-09	4.59E-09	2.10E-09	9.96E-10	8.42E-11	2.03E-09	4.49E-10	6.88E-10	1.09E-09	1.92E-10	5.23E-10	5.06E-09
3163	495363.09	3846377.25	7.62E-06	8.76E-06	4.15E-06	2.64E-09	7.97E-09	4.61E-09	5.30E-09	4.81E-09	2.19E-09	1.04E-09	8.81E-11	2.13E-09	4.70E-10	7.20E-10	1.14E-09	2.01E-10	5.46E-10	5.30E-09
3164	495863.09	3846377.25	8.00E-06	9.20E-06	4.36E-06	2.77E-09	8.37E-09	4.84E-09	5.57E-09	5.05E-09	2.30E-09	1.09E-09	9.25E-11	2.24E-09	4.93E-10	7.56E-10	1.20E-09	2.11E-10	5.73E-10	5.56E-09
3165	496363.09	3846377.25	8.38E-06	9.64E-06	4.57E-06	2.91E-09	8.77E-09	5.08E-09	5.84E-09	5.29E-09	2.42E-09	1.14E-09	9.70E-11	2.34E-09	5.17E-10	7.93E-10	1.26E-09	2.22E-10	6.01E-10	5.83E-09
3166	496863.09	3846377.25	8.92E-06	1.03E-05	4.86E-06	3.09E-09	9.34E-09	5.41E-09	6.22E-09	5.64E-09	2.57E-09	1.22E-09	1.03E-10	2.49E-09	5.50E-10	8.44E-10	1.34E-09	2.36E-10	6.39E-10	6.21E-09
3167	497363.09	3846377.25	9.51E-06	1.09E-05	5.18E-06	3.30E-09	9.95E-09	5.76E-09	6.62E-09	6.00E-09	2.74E-09	1.30E-09	1.10E-10	2.66E-09	5.87E-10	8.99E-10	1.43E-09	2.51E-10	6.81E-10	6.61E-09
3168	497863.09	3846377.25	1.01E-05	1.16E-05	5.50E-06	3.50E-09	1.06E-08	6.11E-09	7.03E-09	6.37E-09	2.91E-09	1.38E-09	1.17E-10	2.82E-09	6.23E-10	9.55E-10	1.51E-09	2.67E-10	7.23E-10	7.02E-09
3169	498363.09	3846377.25	1.06E-05	1.22E-05	5.79E-06	3.69E-09	1.11E-08	6.44E-09	7.41E-09	6.72E-09	3.06E-09	1.45E-09	1.23E-10	2.97E-09	6.56E-10	1.01E-09	1.60E-09	2.81E-10	7.62E-10	7.40E-09
3170	471363.09	3846877.25	2.10E-05	2.42E-05	1.10E-05	7.26E-09	2.19E-08	1.27E-08	1.47E-08	1.33E-08	6.07E-09	2.76E-09	2.43E-10	5.86E-09	1.29E-09	1.99E-09	3.16E-09	5.57E-10	1.45E-09	1.46E-08
3171	471863.09	3846877.25	2.06E-05	2.38E-05	1.09E-05	7.15E-09	2.16E-08	1.25E-08	1.44E-08	1.31E-08	5.98E-09	2.72E-09	2.39E-10	5.77E-09	1.27E-09	1.96E-09	3.11E-09	5.48E-10	1.43E-09	1.43E-08
3172	472363.09	3846877.25	1.99E-05	2.30E-05	1.05E-05	6.88E-09	2.08E-08	1.20E-08	1.39E-08	1.26E-08	5.75E-09	2.62E-09	2.30E-10	5.55E-09	1.22E-09	1.89E-09	3.00E-09	5.28E-10	1.38E-09	1.38E-08

3173	472863.09	3846877.25	1.47E-05	1.70E-05	7.79E-06	5.11E-09	1.54E-08	8.93E-09	1.03E-08	9.35E-09	4.27E-09	1.95E-09	1.71E-10	4.12E-09	9.09E-10	1.40E-09	2.22E-09	3.91E-10	1.02E-09	1.02E-08
3174	473363.09	3846877.25	1.57E-05	1.82E-05	8.31E-06	5.45E-09	1.65E-08	9.53E-09	1.10E-08	9.98E-09	4.55E-09	2.08E-09	1.82E-10	4.40E-09	9.70E-10	1.50E-09	2.37E-09	4.18E-10	1.09E-09	1.09E-08
3175	473863.09	3846877.25	1.67E-05	1.93E-05	8.83E-06	5.80E-09	1.75E-08	1.01E-08	1.17E-08	1.06E-08	4.84E-09	2.21E-09	1.94E-10	4.68E-09	1.03E-09	1.59E-09	2.52E-09	4.45E-10	1.16E-09	1.16E-08
3176	474363.09	3846877.25	1.56E-05	1.80E-05	8.24E-06	5.40E-09	1.63E-08	9.44E-09	1.09E-08	9.89E-09	4.51E-09	2.07E-09	1.80E-10	4.36E-09	9.62E-10	1.48E-09	2.35E-09	4.14E-10	1.08E-09	1.08E-08
3177	474863.09	3846877.25	1.53E-05	1.77E-05	8.09E-06	5.30E-09	1.60E-08	9.27E-09	1.07E-08	9.70E-09	4.43E-09	2.03E-09	1.77E-10	4.28E-09	9.44E-10	1.45E-09	2.31E-09	4.06E-10	1.06E-09	1.06E-08
3178	475363.09	3846877.25	1.66E-05	1.92E-05	8.78E-06	5.76E-09	1.74E-08	1.01E-08	1.16E-08	1.05E-08	4.81E-09	2.20E-09	1.92E-10	4.65E-09	1.03E-09	1.58E-09	2.51E-09	4.42E-10	1.15E-09	1.15E-08
3179	475863.09	3846877.25	2.06E-05	2.38E-05	1.08E-05	7.14E-09	2.16E-08	1.25E-08	1.44E-08	1.31E-08	5.97E-09	2.72E-09	2.38E-10	5.76E-09	1.27E-09	1.96E-09	3.11E-09	5.48E-10	1.43E-09	1.43E-08
3180	476363.09	3846877.25	2.81E-05	3.25E-05	1.47E-05	9.73E-09	2.94E-08	1.70E-08	1.97E-08	1.78E-08	8.13E-09	3.69E-09	3.25E-10	7.85E-09	1.73E-09	2.67E-09	4.24E-09	7.47E-10	1.94E-09	1.95E-08
3181	476863.09	3846877.25	2.83E-05	3.28E-05	1.49E-05	9.82E-09	2.96E-08	1.72E-08	1.98E-08	1.80E-08	8.21E-09	3.72E-09	3.28E-10	7.92E-09	1.75E-09	2.69E-09	4.27E-09	7.53E-10	1.95E-09	1.97E-08
3182	477363.09	3846877.25	2.69E-05	3.12E-05	1.41E-05	9.33E-09	2.82E-08	1.63E-08	1.89E-08	1.71E-08	7.81E-09	3.54E-09	3.12E-10	7.53E-09	1.66E-09	2.56E-09	4.06E-09	7.16E-10	1.86E-09	1.87E-08
3183	477863.09	3846877.25	2.35E-05	2.72E-05	1.24E-05	8.14E-09	2.46E-08	1.42E-08	1.65E-08	1.49E-08	6.81E-09	3.10E-09	2.72E-10	6.57E-09	1.45E-09	2.23E-09	3.54E-09	6.25E-10	1.63E-09	1.63E-08
3184	478363.09	3846877.25	1.73E-05	2.00E-05	9.15E-06	5.99E-09	1.81E-08	1.05E-08	1.21E-08	1.10E-08	5.00E-09	2.29E-09	2.00E-10	4.83E-09	1.07E-09	1.64E-09	2.60E-09	4.59E-10	1.20E-09	1.20E-08
3185	478863.09	3846877.25	1.83E-05	2.11E-05	9.68E-06	6.34E-09	1.91E-08	1.11E-08	1.28E-08	1.16E-08	5.29E-09	2.43E-09	2.12E-10	5.11E-09	1.13E-09	1.74E-09	2.76E-09	4.86E-10	1.27E-09	1.27E-08
3186	479363.09	3846877.25	1.72E-05	1.98E-05	9.09E-06	5.95E-09	1.80E-08	1.04E-08	1.20E-08	1.09E-08	4.97E-09	2.28E-09	1.99E-10	4.80E-09	1.06E-09	1.63E-09	2.59E-09	4.56E-10	1.20E-09	1.19E-08
3187	479863.09	3846877.25	1.30E-05	1.49E-05	6.89E-06	4.49E-09	1.36E-08	7.85E-09	9.05E-09	8.21E-09	3.75E-09	1.73E-09	1.50E-10	3.62E-09	7.99E-10	1.23E-09	1.95E-09	3.44E-10	9.06E-10	9.00E-09
3188	480363.09	3846877.25	1.14E-05	1.32E-05	6.09E-06	3.95E-09	1.19E-08	6.91E-09	7.97E-09	7.23E-09	3.30E-09	1.53E-09	1.32E-10	3.19E-09	7.04E-10	1.08E-09	1.72E-09	3.03E-10	8.01E-10	7.93E-09
3189	480863.09	3846877.25	1.08E-05	1.24E-05	5.77E-06	3.74E-09	1.13E-08	6.53E-09	7.54E-09	6.83E-09	3.12E-09	1.45E-09	1.25E-10	3.02E-09	6.65E-10	1.02E-09	1.62E-09	2.86E-10	7.59E-10	7.50E-09
3190	481363.09	3846877.25	1.05E-05	1.22E-05	5.65E-06	3.65E-09	1.10E-08	6.38E-09	7.36E-09	6.67E-09	3.05E-09	1.41E-09	1.22E-10	2.95E-09	6.50E-10	1.00E-09	1.59E-09	2.79E-10	7.43E-10	7.33E-09
3191	481863.09	3846877.25	9.44E-06	1.09E-05	5.08E-06	3.27E-09	9.88E-09	5.72E-09	6.59E-09	5.98E-09	2.73E-09	1.27E-09	1.09E-10	2.64E-09	5.83E-10	8.95E-10	1.42E-09	2.50E-10	6.68E-10	6.56E-09
3192	482363.09	3846877.25	8.46E-06	9.74E-06	4.57E-06	2.93E-09	8.85E-09	5.12E-09	5.90E-09	5.35E-09	2.44E-09	1.15E-09	9.79E-11	2.36E-09	5.22E-10	8.01E-10	1.27E-09	2.24E-10	6.01E-10	5.88E-09
3193	482863.09	3846877.25	8.32E-06	9.58E-06	4.50E-06	2.88E-09	8.71E-09	5.04E-09	5.80E-09	5.26E-09	2.40E-09	1.13E-09	9.63E-11	2.33E-09	5.13E-10	7.88E-10	1.25E-09	2.20E-10	5.92E-10	5.78E-09
3194	483363.09	3846877.25	8.12E-06	9.34E-06	4.41E-06	2.81E-09	8.49E-09	4.92E-09	5.66E-09	5.13E-09	2.34E-09	1.10E-09	9.39E-11	2.27E-09	5.01E-10	7.68E-10	1.22E-09	2.15E-10	5.79E-10	5.64E-09
3195	483863.09	3846877.25	7.95E-06	9.14E-06	4.33E-06	2.76E-09	8.32E-09	4.82E-09	5.54E-09	5.02E-09	2.29E-09	1.08E-09	9.20E-11	2.22E-09	4.90E-10	7.52E-10	1.19E-09	2.10E-10	5.69E-10	5.53E-09
3196	484363.09	3846877.25	7.60E-06	8.74E-06	4.16E-06	2.63E-09	7.96E-09	4.61E-09	5.29E-09	4.80E-09	2.19E-09	1.04E-09	8.80E-11	2.13E-09	4.69E-10	7.19E-10	1.14E-09	2.01E-10	5.47E-10	5.29E-09
3197	484863.09	3846877.25	7.39E-06	8.49E-06	4.05E-06	2.56E-09	7.73E-09	4.48E-09	5.14E-09	4.66E-09	2.13E-09	1.02E-09	8.55E-11	2.07E-09	4.56E-10	6.98E-10	1.11E-09	1.95E-10	5.33E-10	5.14E-09
3198	485363.09	3846877.25	7.27E-06	8.35E-06	3.98E-06	2.52E-09	7.61E-09	4.40E-09	5.06E-09	4.59E-09	2.09E-09	9.98E-10	8.41E-11	2.03E-09	4.48E-10	6.87E-10	1.09E-09	1.92E-10	5.24E-10	5.06E-09
3199	485863.09	3846877.25	6.54E-06	7.51E-06	3.59E-06	2.27E-09	6.84E-09	3.96E-09	4.55E-09	4.12E-09	1.88E-09	8.98E-10	7.56E-11	1.83E-09	4.03E-10	6.18E-10	9.80E-10	1.73E-10	4.72E-10	4.55E-09
3200	486363.09	3846877.25	6.51E-06	7.49E-06	3.56E-06	2.26E-09	6.82E-09	3.95E-09	4.53E-09	4.11E-09	1.88E-09	8.93E-10	7.54E-11	1.82E-09	4.02E-10	6.16E-10	9.77E-10	1.72E-10	4.69E-10	4.53E-09
3201	486863.09	3846877.25	5.76E-06	6.61E-06	3.16E-06	1.99E-09	6.02E-09	3.49E-09	4.00E-09	3.63E-09	1.66E-09	7.91E-10	6.66E-11	1.61E-09	3.55E-10	5.44E-10	8.63E-10	1.52E-10	4.15E-10	4.00E-09
3202	487363.09	3846877.25	5.78E-06	6.65E-06	3.17E-06	2.00E-09	6.05E-09	3.50E-09	4.03E-09	3.65E-09	1.67E-09	7.94E-10	6.69E-11	1.62E-09	3.57E-10	5.47E-10	8.67E-10	1.53E-10	4.17E-10	4.02E-09
3203	487863.09	3846877.25	5.75E-06	6.61E-06	3.15E-06	1.99E-09	6.02E-09	3.48E-09	4.00E-09	3.63E-09	1.66E-09	7.90E-10	6.65E-11	1.61E-09	3.55E-10	5.43E-10	8.62E-10	1.52E-10	4.15E-10	4.00E-09
3204	488363.09	3846877.25	5.58E-06	6.41E-06	3.07E-06	1.93E-09	5.84E-09	3.38E-09	3.88E-09	3.52E-09	1.61E-09	7.69E-10	6.46E-11	1.56E-09	3.44E-10	5.27E-10	8.36E-10	1.47E-10	4.04E-10	3.88E-09
3205	488863.09	3846877.25	5.53E-06	6.34E-06	3.06E-06	1.92E-09	5.79E-09	3.35E-09	3.84E-09	3.48E-09	1.59E-09	7.66E-10	6.40E-11	1.55E-09	3.41E-10	5.22E-10	8.28E-10	1.46E-10	4.02E-10	3.85E-09
3206	489363.09	3846877.25	5.66E-06	6.49E-06	3.13E-06	1.96E-09	5.92E-09	3.43E-09	3.93E-09	3.56E-09	1.63E-09	7.85E-10	6.55E-11	1.58E-09	3.49E-10	5.34E-10	8.47E-10	1.49E-10	4.12E-10	3.94E-09
3207	489863.09	3846877.25	5.52E-06	6.33E-06	3.06E-06	1.91E-09	5.77E-09	3.34E-09	3.83E-09	3.47E-09	1.59E-09	7.67E-10	6.39E-11	1.54E-09	3.40E-10	5.20E-10	8.25E-10	1.45E-10	4.03E-10	3.84E-09
3208	490363.09	3846877.25	5.05E-06	5.79E-06	2.80E-06	1.75E-09	5.28E-09	3.06E-09	3.51E-09	3.18E-09	1.45E-09	7.03E-10	5.84E-11	1.41E-09	3.11E-10	4.76E-10	7.55E-10	1.33E-10	3.69E-10	3.51E-09
3209	490863.09	3846877.25	5.04E-06	5.78E-06	2.79E-06	1.75E-09	5.27E-09	3.05E-09	3.50E-09	3.17E-09	1.45E-09	7.00E-10	5.83E-11	1.41E-09	3.11E-10	4.75E-10	7.54E-10	1.33E-10	3.67E-10	3.51E-09
3210	491363.09	3846877.25	5.30E-06	6.08E-06	2.93E-06	1.84E-09	5.55E-09	3.21E-09	3.68E-09	3.34E-09	1.52E-09	7.35E-10	6.13E-11	1.48E-09	3.27E-10	5.00E-10	7.93E-10	1.40E-10	3.86E-10	3.69E-09
3211	491863.09	3846877.25	5.45E-06	6.26E-06	3.01E-06	1.89E-09	5.71E-09	3.30E-09	3.79E-09	3.43E-09	1.57E-09	7.55E-10	6.31E-11	1.52E-09	3.36E-10	5.14E-10	8.16E-10	1.44E-10	3.96E-10	3.79E-09
3212	492363.09	3846877.25	6.07E-06	6.96E-06	3.34E-06	2.10E-09	6.35E-09	3.67E-09	4.22E-09	3.82E-09	1.74E-09	8.38E-10	7.02E-11	1.70E-09	3.74E-10	5.73E-10	9.08E-10	1.60E-10	4.40E-10	4.22E-09
3213	492863.09	3846877.25	6.33E-06	7.26E-06	3.48E-06	2.19E-09	6.62E-09	3.83E-09	4.40E-09	3.99E-09	1.82E-09	8.72E-10	7.32E-11	1.77E-09	3.90E-10	5.97E-10	9.48E-10	1.67E-10	4.58E-10	4.40E-09
3214	493363.09	3846877.25	6.84E-06	7.86E-06	3.75E-06	2.37E-09	7.16E-09	4.14E-09	4.76E-09	4.32E-09	1.97E-09	9.40E-10	7.92E-11	1.91E-09	4.22E-10	6.47E-10	1.03E-09	1.81E-10	4.93E-10	4.76E-09
3215	493863.09	3846877.25	7.25E-06	8.33E-06	3.97E-06	2.51E-09	7.59E-09	4.39E-09	5.05E-09	4.58E-09	2.09E-09	9.94E-10	8.39E-11	2.03E-09	4.47E-10	6.85E-10	1.09E-09	1.92E-10	5.21E-10	5.04E-09
3216	494363.09	3846877.25	7.66E-06	8.81E-06	4.18E-06	2.66E-09	8.02E-09	4.64E-09	5.34E-09	4.84E-09	2.21E-09	1.05E-09	8.87E-11	2.14E-09	4.73E-10	7.25E-10	1.15E-09	2.03E-10	5.50E-10	5.33E-09
3217	494863.09	3846877.25	8.00E-06	9.20E-06	4.36E-06	2.77E-09	8.37E-09	4.85E-09	5.57E-09	5.05E-09	2.31E-09	1.09E-09	9.26E-11	2.24E-09	4.94E-10	7.57E-10	1.20E-09	2.12E-10	5.74E-10	5.57E-09
3218	495363.09	3846877.25	8.27E-06	9.51E-06	4.51E-06	2.87E-09	8.65E-09	5.01E-09	5.76E-09	5.22E-09	2.38E-09	1.13E-09	9.57E-11	2.31E-09	5.10E-10	7.82E-10	1.24E-09	2.19E-10	5.93E-10	5.75E-09
3219	495863.09	3846877.25	8.62E-06	9.91E-06	4.70E-06	2.99E-09	9.02E-09	5.22E-09	6.00E-09	5.44E-09	2.48E-09	1.18E-09	9.97E-11	2.41E-09	5.32E-10	8.15E-10	1.29E-09	2.28E-10	6.17E-10	5.99E-09
3220	496363.09	3846877.25	9.20E-06	1.06E-05	5.01E-06	3.19E-09	9.62E-09	5.57E-09	6.41E-09	5.81E-09	2.65E-09	1.26E-09	1.06E-10	2.57E-09	5.67E-10	8.70E-10	1.38E-09	2.43E-10	6.59E-10	6.40E-09
3221	496863.09	3846877.25	9.97E-06	1.15E-05	5.43E-06	3.45E-09	1.04E-08	6.04E-09	6.94E-09	6.29E-09	2.87E-09	1.36E-09	1.15E-10	2.79E-09	6.15E-10	9.43E-10	1.50E-09	2.64E-10	7.13E-10	6.93E-09
3222	497363.09	3846877.25	1.09E-05	1.26E-05	5.94E-06	3.79E-09	1.14E-08	6.62E-09	7.61E-09	6.90E-09	3.15E-09	1.49E-09	1.26E-10	3.05E-09	6.74E-10	1.03E-09	1.64E-09	2.89E-10	7.82E-10	7.60E-09
3223	497863.09	3846877.25	1.19E-05	1.37E-05	6.48E-06	4.13E-09	1.25E-08	7.22E-09	8.31E-09	7.53E-09	3.44E-09	1.62E-09	1.38E-10	3.33E-09	7.35E-10	1.13E-09	1.79E-09	3.15E-10	8.52E-10	8.29E-09
3224	498363.09	3846877.25	1.25E-05	1.44E-05	6.80E-06	4.33E-09	1.31E-08	7.57E-09	8.71E-09	7.90E-09	3.60E-09	1.70E-09	1.45E-10	3.49E-09	7.71E-10	1.18E-09	1.88E-09	3.31E-10	8.94E-10	8.69E-09
3225	471363.09	3847377.25	2.23E-05	2.58E-05	1.17E-05	7.73E-09	2.33E-08	1.35E-08	1.56E-08	1.42E-08	6.46E-09	2.94E-09	2.58E-10	6.23E-09	1.38E-09	2.12E-09	3.36E-09	5.93E-10	1.54E-09	1.55E-08

3226	471863.09	3847377.25	2.28E-05	2.64E-05	1.20E-05	7.90E-09	2.39E-08	1.38E-08	1.60E-08	1.45E-08	6.61E-09	3.01E-09	2.64E-10	6.38E-09	1.41E-09	2.17E-09	3.44E-09	6.06E-10	1.58E-09	1.58E-08
3227	472363.09	3847377.25	2.28E-05	2.63E-05	1.20E-05	7.89E-09	2.38E-08	1.38E-08	1.60E-08	1.45E-08	6.60E-09	3.00E-09	2.64E-10	6.37E-09	1.40E-09	2.17E-09	3.44E-09	6.05E-10	1.58E-09	1.58E-08
3228	472863.09	3847377.25	2.19E-05	2.53E-05	1.15E-05	7.59E-09	2.29E-08	1.33E-08	1.53E-08	1.39E-08	6.34E-09	2.89E-09	2.53E-10	6.12E-09	1.35E-09	2.08E-09	3.30E-09	5.82E-10	1.52E-09	1.52E-08
3229	473363.09	3847377.25	1.91E-05	2.20E-05	1.00E-05	6.60E-09	1.99E-08	1.15E-08	1.33E-08	1.21E-08	5.52E-09	2.52E-09	2.21E-10	5.33E-09	1.18E-09	1.81E-09	2.87E-09	5.06E-10	1.32E-09	1.32E-08
3230	473863.09	3847377.25	1.88E-05	2.18E-05	9.93E-06	6.53E-09	1.97E-08	1.14E-08	1.32E-08	1.20E-08	5.45E-09	2.49E-09	2.18E-10	5.27E-09	1.16E-09	1.79E-09	2.84E-09	5.01E-10	1.31E-09	1.31E-08
3231	474363.09	3847377.25	1.94E-05	2.25E-05	1.02E-05	6.73E-09	2.03E-08	1.18E-08	1.36E-08	1.23E-08	5.63E-09	2.57E-09	2.25E-10	5.43E-09	1.20E-09	1.85E-09	2.93E-09	5.16E-10	1.35E-09	1.35E-08
3232	474863.09	3847377.25	1.79E-05	2.07E-05	9.46E-06	6.21E-09	1.88E-08	1.09E-08	1.25E-08	1.14E-08	5.19E-09	2.37E-09	2.07E-10	5.01E-09	1.11E-09	1.70E-09	2.70E-09	4.76E-10	1.24E-09	1.24E-08
3233	475363.09	3847377.25	1.64E-05	1.90E-05	8.68E-06	5.69E-09	1.72E-08	9.94E-09	1.15E-08	1.04E-08	4.75E-09	2.17E-09	1.90E-10	4.59E-09	1.01E-09	1.56E-09	2.47E-09	4.36E-10	1.14E-09	1.14E-08
3234	475863.09	3847377.25	1.91E-05	2.20E-05	1.01E-05	6.61E-09	1.99E-08	1.15E-08	1.33E-08	1.21E-08	5.52E-09	2.52E-09	2.21E-10	5.33E-09	1.18E-09	1.81E-09	2.87E-09	5.07E-10	1.32E-09	1.32E-08
3235	476363.09	3847377.25	2.42E-05	2.80E-05	1.27E-05	8.40E-09	2.53E-08	1.47E-08	1.70E-08	1.54E-08	7.02E-09	3.19E-09	2.80E-10	6.77E-09	1.49E-09	2.30E-09	3.65E-09	6.44E-10	1.68E-09	1.68E-08
3236	476863.09	3847377.25	3.11E-05	3.59E-05	1.63E-05	1.08E-08	3.25E-08	1.88E-08	2.18E-08	1.97E-08	9.00E-09	4.08E-09	3.60E-10	8.68E-09	1.92E-09	2.96E-09	4.69E-09	8.26E-10	2.14E-09	2.16E-08
3237	477363.09	3847377.25	3.21E-05	3.72E-05	1.69E-05	1.11E-08	3.36E-08	1.95E-08	2.25E-08	2.04E-08	9.31E-09	4.22E-09	3.72E-10	8.98E-09	1.98E-09	3.06E-09	4.85E-09	8.55E-10	2.22E-09	2.23E-08
3238	477863.09	3847377.25	3.00E-05	3.47E-05	1.57E-05	1.04E-08	3.14E-08	1.82E-08	2.10E-08	1.91E-08	8.70E-09	3.95E-09	3.47E-10	8.39E-09	1.85E-09	2.85E-09	4.53E-09	7.98E-10	2.07E-09	2.08E-08
3239	478363.09	3847377.25	2.57E-05	2.98E-05	1.35E-05	8.92E-09	2.69E-08	1.56E-08	1.80E-08	1.63E-08	7.45E-09	3.39E-09	2.98E-10	7.19E-09	1.59E-09	2.45E-09	3.88E-09	6.84E-10	1.78E-09	1.79E-08
3240	478863.09	3847377.25	2.02E-05	2.33E-05	1.07E-05	7.00E-09	2.11E-08	1.22E-08	1.41E-08	1.28E-08	5.84E-09	2.68E-09	2.34E-10	5.64E-09	1.25E-09	1.92E-09	3.04E-09	5.36E-10	1.41E-09	1.40E-08
3241	479363.09	3847377.25	1.84E-05	2.13E-05	9.77E-06	6.38E-09	1.93E-08	1.12E-08	1.29E-08	1.17E-08	5.33E-09	2.45E-09	2.13E-10	5.15E-09	1.14E-09	1.75E-09	2.78E-09	4.89E-10	1.28E-09	1.28E-08
3242	479863.09	3847377.25	1.32E-05	1.53E-05	7.04E-06	4.58E-09	1.38E-08	8.01E-09	9.25E-09	8.38E-09	3.82E-09	1.77E-09	1.53E-10	3.70E-09	8.16E-10	1.26E-09	1.99E-09	3.51E-10	9.26E-10	9.19E-09
3243	480363.09	3847377.25	9.02E-06	1.04E-05	4.86E-06	3.13E-09	9.44E-09	5.47E-09	6.30E-09	5.71E-09	2.61E-09	1.22E-09	1.04E-10	2.52E-09	5.57E-10	8.55E-10	1.36E-09	2.39E-10	6.38E-10	6.27E-09
3244	480863.09	3847377.25	8.51E-06	9.80E-06	4.59E-06	2.95E-09	8.91E-09	5.16E-09	5.94E-09	5.38E-09	2.46E-09	1.15E-09	9.85E-11	2.38E-09	5.25E-10	8.06E-10	1.28E-09	2.25E-10	6.04E-10	5.92E-09
3245	481363.09	3847377.25	9.26E-06	1.07E-05	4.98E-06	3.21E-09	9.69E-09	5.61E-09	6.46E-09	5.86E-09	2.67E-09	1.25E-09	1.07E-10	2.59E-09	5.71E-10	8.77E-10	1.39E-09	2.45E-10	6.55E-10	6.43E-09
3246	481863.09	3847377.25	1.07E-05	1.23E-05	5.74E-06	3.71E-09	1.12E-08	6.49E-09	7.48E-09	6.78E-09	3.09E-09	1.44E-09	1.24E-10	2.99E-09	6.60E-10	1.02E-09	1.61E-09	2.84E-10	7.55E-10	7.44E-09
3247	482363.09	3847377.25	9.94E-06	1.15E-05	5.35E-06	3.45E-09	1.04E-08	6.02E-09	6.94E-09	6.29E-09	2.87E-09	1.34E-09	1.15E-10	2.78E-09	6.13E-10	9.42E-10	1.49E-09	2.63E-10	7.03E-10	6.91E-09
3248	482863.09	3847377.25	9.51E-06	1.10E-05	5.13E-06	3.30E-09	9.95E-09	5.76E-09	6.64E-09	6.01E-09	2.74E-09	1.29E-09	1.10E-10	2.66E-09	5.87E-10	9.01E-10	1.43E-09	2.52E-10	6.74E-10	6.61E-09
3249	483363.09	3847377.25	9.05E-06	1.04E-05	4.89E-06	3.13E-09	9.47E-09	5.48E-09	6.31E-09	5.72E-09	2.61E-09	1.23E-09	1.05E-10	2.53E-09	5.58E-10	8.56E-10	1.36E-09	2.39E-10	6.44E-10	6.29E-09
3250	483863.09	3847377.25	9.07E-06	1.04E-05	4.92E-06	3.14E-09	9.49E-09	5.49E-09	6.32E-09	5.73E-09	2.62E-09	1.23E-09	1.05E-10	2.54E-09	5.59E-10	8.58E-10	1.36E-09	2.40E-10	6.47E-10	6.31E-09
3251	484363.09	3847377.25	8.92E-06	1.03E-05	4.86E-06	3.09E-09	9.33E-09	5.40E-09	6.21E-09	5.63E-09	2.57E-09	1.22E-09	1.03E-10	2.49E-09	5.50E-10	8.44E-10	1.34E-09	2.36E-10	6.39E-10	6.20E-09
3252	484863.09	3847377.25	8.57E-06	9.85E-06	4.68E-06	2.97E-09	8.97E-09	5.19E-09	5.97E-09	5.41E-09	2.47E-09	1.17E-09	9.92E-11	2.40E-09	5.29E-10	8.10E-10	1.29E-09	2.27E-10	6.16E-10	5.96E-09
3253	485363.09	3847377.25	8.30E-06	9.54E-06	4.54E-06	2.88E-09	8.68E-09	5.03E-09	5.78E-09	5.24E-09	2.39E-09	1.14E-09	9.60E-11	2.32E-09	5.12E-10	7.85E-10	1.24E-09	2.19E-10	5.97E-10	5.77E-09
3254	485863.09	3847377.25	7.79E-06	8.95E-06	4.26E-06	2.70E-09	8.15E-09	4.72E-09	5.42E-09	4.92E-09	2.24E-09	1.07E-09	9.01E-11	2.18E-09	4.80E-10	7.36E-10	1.17E-09	2.06E-10	5.60E-10	5.42E-09
3255	486363.09	3847377.25	7.46E-06	8.58E-06	4.07E-06	2.58E-09	7.80E-09	4.52E-09	5.20E-09	4.71E-09	2.15E-09	1.02E-09	8.63E-11	2.08E-09	4.60E-10	7.05E-10	1.12E-09	1.97E-10	5.35E-10	5.19E-09
3256	486863.09	3847377.25	6.85E-06	7.87E-06	3.74E-06	2.37E-09	7.17E-09	4.15E-09	4.77E-09	4.32E-09	1.97E-09	9.37E-10	7.93E-11	1.91E-09	4.22E-10	6.48E-10	1.03E-09	1.81E-10	4.92E-10	4.76E-09
3257	487363.09	3847377.25	6.84E-06	7.86E-06	3.73E-06	2.37E-09	7.16E-09	4.14E-09	4.76E-09	4.32E-09	1.97E-09	9.34E-10	7.91E-11	1.91E-09	4.22E-10	6.47E-10	1.03E-09	1.81E-10	4.90E-10	4.76E-09
3258	487863.09	3847377.25	6.43E-06	7.39E-06	3.52E-06	2.23E-09	6.73E-09	3.90E-09	4.48E-09	4.06E-09	1.85E-09	8.82E-10	7.45E-11	1.80E-09	3.97E-10	6.08E-10	9.65E-10	1.70E-10	4.63E-10	4.48E-09
3259	488363.09	3847377.25	6.23E-06	7.16E-06	3.42E-06	2.16E-09	6.52E-09	3.78E-09	4.34E-09	3.93E-09	1.79E-09	8.58E-10	7.21E-11	1.74E-09	3.85E-10	5.89E-10	9.34E-10	1.65E-10	4.50E-10	4.34E-09
3260	488863.09	3847377.25	6.22E-06	7.14E-06	3.43E-06	2.16E-09	6.51E-09	3.77E-09	4.33E-09	3.92E-09	1.79E-09	8.60E-10	7.20E-11	1.74E-09	3.84E-10	5.88E-10	9.32E-10	1.64E-10	4.51E-10	4.33E-09
3261	489363.09	3847377.25	6.32E-06	7.25E-06	3.49E-06	2.19E-09	6.61E-09	3.83E-09	4.39E-09	3.98E-09	1.82E-09	8.75E-10	7.31E-11	1.77E-09	3.90E-10	5.96E-10	9.46E-10	1.67E-10	4.59E-10	4.40E-09
3262	489863.09	3847377.25	6.02E-06	6.90E-06	3.33E-06	2.09E-09	6.30E-09	3.65E-09	4.18E-09	3.79E-09	1.73E-09	8.35E-10	6.96E-11	1.68E-09	3.71E-10	5.68E-10	9.01E-10	1.59E-10	4.38E-10	4.19E-09
3263	490363.09	3847377.25	5.74E-06	6.59E-06	3.18E-06	1.99E-09	6.01E-09	3.48E-09	3.99E-09	3.62E-09	1.65E-09	7.97E-10	6.64E-11	1.61E-09	3.54E-10	5.42E-10	8.59E-10	1.51E-10	4.18E-10	4.00E-09
3264	490863.09	3847377.25	5.96E-06	6.84E-06	3.30E-06	2.07E-09	6.24E-09	3.61E-09	4.14E-09	3.76E-09	1.71E-09	8.26E-10	6.90E-11	1.67E-09	3.68E-10	5.63E-10	8.93E-10	1.57E-10	4.33E-10	4.15E-09
3265	491363.09	3847377.25	6.22E-06	7.14E-06	3.43E-06	2.16E-09	6.51E-09	3.77E-09	4.33E-09	3.92E-09	1.79E-09	8.60E-10	7.20E-11	1.74E-09	3.84E-10	5.88E-10	9.32E-10	1.64E-10	4.51E-10	4.33E-09
3266	491863.09	3847377.25	6.76E-06	7.76E-06	3.72E-06	2.34E-09	7.07E-09	4.09E-09	4.70E-09	4.26E-09	1.94E-09	9.32E-10	7.82E-11	1.89E-09	4.17E-10	6.38E-10	1.01E-09	1.78E-10	4.89E-10	4.70E-09
3267	492363.09	3847377.25	6.91E-06	7.93E-06	3.80E-06	2.39E-09	7.23E-09	4.18E-09	4.81E-09	4.36E-09	1.99E-09	9.52E-10	7.99E-11	1.93E-09	4.26E-10	6.52E-10	1.04E-09	1.82E-10	5.00E-10	4.81E-09
3268	492863.09	3847377.25	7.39E-06	8.49E-06	4.05E-06	2.56E-09	7.73E-09	4.48E-09	5.14E-09	4.66E-09	2.13E-09	1.01E-09	8.55E-11	2.07E-09	4.56E-10	6.98E-10	1.11E-09	1.95E-10	5.33E-10	5.14E-09
3269	493363.09	3847377.25	7.79E-06	8.96E-06	4.26E-06	2.70E-09	8.15E-09	4.72E-09	5.43E-09	4.92E-09	2.24E-09	1.07E-09	9.02E-11	2.18E-09	4.81E-10	7.37E-10	1.17E-09	2.06E-10	5.60E-10	5.42E-09
3270	493863.09	3847377.25	8.05E-06	9.25E-06	4.39E-06	2.79E-09	8.42E-09	4.88E-09	5.61E-09	5.08E-09	2.32E-09	1.10E-09	9.32E-11	2.25E-09	4.97E-10	7.61E-10	1.21E-09	2.13E-10	5.78E-10	5.60E-09
3271	494363.09	3847377.25	8.28E-06	9.52E-06	4.51E-06	2.87E-09	8.66E-09	5.01E-09	5.76E-09	5.23E-09	2.38E-09	1.13E-09	9.58E-11	2.31E-09	5.11E-10	7.83E-10	1.24E-09	2.19E-10	5.94E-10	5.76E-09
3272	494863.09	3847377.25	8.51E-06	9.78E-06	4.64E-06	2.95E-09	8.90E-09	5.15E-09	5.93E-09	5.37E-09	2.45E-09	1.16E-09	9.84E-11	2.38E-09	5.25E-10	8.04E-10	1.28E-09	2.25E-10	6.10E-10	5.92E-09
3273	495363.09	3847377.25	8.85E-06	1.02E-05	4.83E-06	3.07E-09	9.26E-09	5.36E-09	6.17E-09	5.59E-09	2.55E-09	1.21E-09	1.02E-10	2.47E-09	5.46E-10	8.37E-10	1.33E-09	2.34E-10	6.34E-10	6.16E-09
3274	495863.09	3847377.25	9.43E-06	1.08E-05	5.14E-06	3.27E-09	9.87E-09	5.71E-09	6.57E-09	5.96E-09	2.72E-09	1.29E-09	1.09E-10	2.64E-09	5.82E-10	8.92E-10	1.42E-09	2.49E-10	6.76E-10	6.56E-09
3275	496363.09	3847377.25	1.01E-05	1.16E-05	5.50E-06	3.50E-09	1.06E-08	6.11E-09	7.03E-09	6.37E-09	2.91E-09	1.38E-09	1.17E-10	2.82E-09	6.22E-10	9.54E-10	1.51E-09	2.67E-10	7.23E-10	7.02E-09
3276	496863.09	3847377.25	1.11E-05	1.27E-05	6.03E-06	3.84E-09	1.16E-08	6.71E-09	7.72E-09	7.00E-09	3.19E-09	1.51E-09	1.28E-10	3.10E-09	6.84E-10	1.05E-09	1.66E-09	2.93E-10	7.93E-10	7.71E-09
3277	497363.09	3847377.25	1.23E-05	1.42E-05	6.70E-06	4.28E-09	1.29E-08	7.47E-09	8.60E-09	7.80E-09	3.56E-09	1.68E-09	1.43E-10	3.45E-09	7.61E-10	1.17E-09	1.85E-09	3.26E-10	8.82E-10	8.58E-09
3278	497863.09	3847377.25	1.40E-05	1.61E-05	7.57E-06	4.84E-09	1.46E-08	8.46E-09	9.74E-09	8.83E-09	4.03E-09	1.90E-09	1.62E-10	3.91E-09	8.62E-10	1.32E-09	2.10E-09	3.70E-10	9.96E-10	9.71E-09

3279	498363.09	3847377.25	1.50E-05	1.73E-05	8.12E-06	5.20E-09	1.57E-08	9.08E-09	1.05E-08	9.48E-09	4.32E-09	2.03E-09	1.73E-10	4.19E-09	9.25E-10	1.42E-09	2.25E-09	3.97E-10	1.07E-09	1.04E-08
3280	471363.09	3847877.25	2.47E-05	2.85E-05	1.30E-05	8.55E-09	2.58E-08	1.49E-08	1.73E-08	1.57E-08	7.14E-09	3.25E-09	2.85E-10	6.89E-09	1.52E-09	2.35E-09	3.72E-09	6.56E-10	1.71E-09	1.71E-08
3281	471863.09	3847877.25	2.46E-05	2.84E-05	1.29E-05	8.51E-09	2.57E-08	1.49E-08	1.72E-08	1.56E-08	7.11E-09	3.23E-09	2.84E-10	6.86E-09	1.51E-09	2.33E-09	3.70E-09	6.53E-10	1.70E-09	1.71E-08
3282	472363.09	3847877.25	2.48E-05	2.87E-05	1.31E-05	8.61E-09	2.60E-08	1.51E-08	1.74E-08	1.58E-08	7.20E-09	3.27E-09	2.88E-10	6.95E-09	1.53E-09	2.36E-09	3.75E-09	6.61E-10	1.72E-09	1.73E-08
3283	472863.09	3847877.25	2.51E-05	2.90E-05	1.32E-05	8.70E-09	2.63E-08	1.52E-08	1.76E-08	1.59E-08	7.27E-09	3.31E-09	2.91E-10	7.02E-09	1.55E-09	2.39E-09	3.79E-09	6.67E-10	1.74E-09	1.74E-08
3284	473363.09	3847877.25	2.49E-05	2.88E-05	1.31E-05	8.64E-09	2.61E-08	1.51E-08	1.75E-08	1.58E-08	7.22E-09	3.28E-09	2.88E-10	6.97E-09	1.54E-09	2.37E-09	3.76E-09	6.63E-10	1.72E-09	1.73E-08
3285	473863.09	3847877.25	2.41E-05	2.78E-05	1.27E-05	8.34E-09	2.52E-08	1.46E-08	1.69E-08	1.53E-08	6.97E-09	3.17E-09	2.79E-10	6.73E-09	1.49E-09	2.29E-09	3.63E-09	6.40E-10	1.67E-09	1.67E-08
3286	474363.09	3847877.25	2.17E-05	2.51E-05	1.14E-05	7.51E-09	2.27E-08	1.31E-08	1.52E-08	1.38E-08	6.28E-09	2.86E-09	2.51E-10	6.06E-09	1.34E-09	2.06E-09	3.27E-09	5.76E-10	1.50E-09	1.51E-08
3287	474863.09	3847877.25	2.21E-05	2.56E-05	1.17E-05	7.67E-09	2.32E-08	1.34E-08	1.55E-08	1.40E-08	6.41E-09	2.92E-09	2.56E-10	6.19E-09	1.36E-09	2.10E-09	3.34E-09	5.88E-10	1.53E-09	1.54E-08
3288	475363.09	3847877.25	2.05E-05	2.37E-05	1.08E-05	7.10E-09	2.14E-08	1.24E-08	1.43E-08	1.30E-08	5.93E-09	2.70E-09	2.37E-10	5.72E-09	1.26E-09	1.95E-09	3.09E-09	5.44E-10	1.42E-09	1.42E-08
3289	475863.09	3847877.25	1.82E-05	2.11E-05	9.63E-06	6.32E-09	1.91E-08	1.10E-08	1.28E-08	1.16E-08	5.28E-09	2.41E-09	2.11E-10	5.10E-09	1.12E-09	1.73E-09	2.75E-09	4.84E-10	1.27E-09	1.27E-08
3290	476363.09	3847877.25	2.20E-05	2.54E-05	1.16E-05	7.62E-09	2.30E-08	1.33E-08	1.54E-08	1.40E-08	6.37E-09	2.90E-09	2.54E-10	6.15E-09	1.36E-09	2.09E-09	3.32E-09	5.84E-10	1.52E-09	1.53E-08
3291	476863.09	3847877.25	2.67E-05	3.09E-05	1.41E-05	9.27E-09	2.80E-08	1.62E-08	1.87E-08	1.70E-08	7.75E-09	3.52E-09	3.09E-10	7.48E-09	1.65E-09	2.54E-09	4.03E-09	7.11E-10	1.85E-09	1.86E-08
3292	477363.09	3847877.25	3.53E-05	4.09E-05	1.85E-05	1.23E-08	3.70E-08	2.14E-08	2.48E-08	2.25E-08	1.02E-08	4.64E-09	4.09E-10	9.88E-09	2.18E-09	3.36E-09	5.34E-09	9.40E-10	2.44E-09	2.45E-08
3293	477863.09	3847877.25	3.63E-05	4.20E-05	1.90E-05	1.26E-08	3.80E-08	2.20E-08	2.55E-08	2.31E-08	1.05E-08	4.77E-09	4.21E-10	1.02E-08	2.24E-09	3.46E-09	5.49E-09	9.67E-10	2.50E-09	2.52E-08
3294	478363.09	3847877.25	3.41E-05	3.94E-05	1.79E-05	1.18E-08	3.57E-08	2.06E-08	2.39E-08	2.16E-08	9.88E-09	4.48E-09	3.94E-10	9.53E-09	2.10E-09	3.24E-09	5.14E-09	9.06E-10	2.35E-09	2.37E-08
3295	478863.09	3847877.25	2.77E-05	3.20E-05	1.46E-05	9.60E-09	2.90E-08	1.68E-08	1.94E-08	1.76E-08	8.02E-09	3.66E-09	3.21E-10	7.75E-09	1.71E-09	2.63E-09	4.18E-09	7.36E-10	1.92E-09	1.92E-08
3296	479363.09	3847877.25	1.76E-05	2.03E-05	9.35E-06	6.10E-09	1.84E-08	1.07E-08	1.23E-08	1.12E-08	5.10E-09	2.34E-09	2.04E-10	4.92E-09	1.09E-09	1.67E-09	2.65E-09	4.68E-10	1.23E-09	1.22E-08
3297	479863.09	3847877.25	1.13E-05	1.30E-05	6.04E-06	3.92E-09	1.18E-08	6.85E-09	7.90E-09	7.16E-09	3.27E-09	1.51E-09	1.31E-10	3.16E-09	6.98E-10	1.07E-09	1.70E-09	3.00E-10	7.95E-10	7.86E-09
3298	480363.09	3847877.25	1.10E-05	1.27E-05	5.90E-06	3.82E-09	1.15E-08	6.68E-09	7.70E-09	6.98E-09	3.19E-09	1.48E-09	1.28E-10	3.08E-09	6.80E-10	1.05E-09	1.66E-09	2.92E-10	7.76E-10	7.66E-09
3299	480863.09	3847877.25	9.85E-06	1.14E-05	5.30E-06	3.42E-09	1.03E-08	5.97E-09	6.88E-09	6.24E-09	2.85E-09	1.33E-09	1.14E-10	2.75E-09	6.08E-10	9.34E-10	1.48E-09	2.61E-10	6.97E-10	6.85E-09
3300	481363.09	3847877.25	1.02E-05	1.17E-05	5.47E-06	3.53E-09	1.07E-08	6.17E-09	7.12E-09	6.45E-09	2.94E-09	1.37E-09	1.18E-10	2.85E-09	6.29E-10	9.66E-10	1.53E-09	2.70E-10	7.20E-10	7.08E-09
3301	481863.09	3847877.25	1.31E-05	1.51E-05	7.01E-06	4.55E-09	1.37E-08	7.95E-09	9.17E-09	8.31E-09	3.79E-09	1.76E-09	1.52E-10	3.67E-09	8.09E-10	1.24E-09	1.97E-09	3.48E-10	9.21E-10	9.12E-09
3302	482363.09	3847877.25	1.18E-05	1.36E-05	6.30E-06	4.08E-09	1.23E-08	7.12E-09	8.21E-09	7.44E-09	3.40E-09	1.58E-09	1.36E-10	3.29E-09	7.25E-10	1.12E-09	1.77E-09	3.12E-10	8.28E-10	8.17E-09
3303	482863.09	3847877.25	1.07E-05	1.23E-05	5.73E-06	3.70E-09	1.12E-08	6.46E-09	7.44E-09	6.75E-09	3.08E-09	1.44E-09	1.23E-10	2.98E-09	6.58E-10	1.01E-09	1.60E-09	2.83E-10	7.54E-10	7.41E-09
3304	483363.09	3847877.25	1.02E-05	1.18E-05	5.52E-06	3.55E-09	1.07E-08	6.20E-09	7.14E-09	6.47E-09	2.95E-09	1.38E-09	1.18E-10	2.86E-09	6.31E-10	9.70E-10	1.54E-09	2.71E-10	7.26E-10	7.12E-09
3305	483863.09	3847877.25	1.06E-05	1.22E-05	5.70E-06	3.66E-09	1.10E-08	6.39E-09	7.36E-09	6.68E-09	3.05E-09	1.43E-09	1.22E-10	2.95E-09	6.51E-10	1.00E-09	1.59E-09	2.80E-10	7.49E-10	7.34E-09
3306	484363.09	3847877.25	1.03E-05	1.18E-05	5.56E-06	3.56E-09	1.07E-08	6.22E-09	7.15E-09	6.48E-09	2.96E-09	1.39E-09	1.19E-10	2.87E-09	6.33E-10	9.71E-10	1.54E-09	2.72E-10	7.31E-10	7.13E-09
3307	484863.09	3847877.25	9.96E-06	1.15E-05	5.42E-06	3.45E-09	1.04E-08	6.03E-09	6.94E-09	6.29E-09	2.87E-09	1.36E-09	1.15E-10	2.78E-09	6.14E-10	9.42E-10	1.49E-09	2.63E-10	7.13E-10	6.93E-09
3308	485363.09	3847877.25	9.96E-06	1.15E-05	5.42E-06	3.45E-09	1.04E-08	6.03E-09	6.94E-09	6.29E-09	2.87E-09	1.36E-09	1.15E-10	2.78E-09	6.15E-10	9.42E-10	1.50E-09	2.63E-10	7.13E-10	6.93E-09
3309	485863.09	3847877.25	9.27E-06	1.07E-05	5.05E-06	3.21E-09	9.70E-09	5.62E-09	6.46E-09	5.86E-09	2.67E-09	1.27E-09	1.07E-10	2.59E-09	5.72E-10	8.77E-10	1.39E-09	2.45E-10	6.64E-10	6.45E-09
3310	486363.09	3847877.25	8.30E-06	9.54E-06	4.52E-06	2.88E-09	8.68E-09	5.03E-09	5.78E-09	5.24E-09	2.39E-09	1.13E-09	9.60E-11	2.32E-09	5.12E-10	7.85E-10	1.25E-09	2.19E-10	5.94E-10	5.77E-09
3311	486863.09	3847877.25	7.98E-06	9.18E-06	4.34E-06	2.77E-09	8.35E-09	4.83E-09	5.56E-09	5.04E-09	2.30E-09	1.09E-09	9.23E-11	2.23E-09	4.92E-10	7.55E-10	1.20E-09	2.11E-10	5.71E-10	5.55E-09
3312	487363.09	3847877.25	7.67E-06	8.82E-06	4.17E-06	2.66E-09	8.03E-09	4.65E-09	5.34E-09	4.85E-09	2.21E-09	1.05E-09	8.88E-11	2.14E-09	4.73E-10	7.26E-10	1.15E-09	2.03E-10	5.49E-10	5.33E-09
3313	487863.09	3847877.25	7.27E-06	8.35E-06	3.96E-06	2.52E-09	7.60E-09	4.40E-09	5.06E-09	4.59E-09	2.09E-09	9.93E-10	8.41E-11	2.03E-09	4.48E-10	6.87E-10	1.09E-09	1.92E-10	5.21E-10	5.05E-09
3314	488363.09	3847877.25	7.03E-06	8.08E-06	3.85E-06	2.44E-09	7.36E-09	4.26E-09	4.89E-09	4.44E-09	2.02E-09	9.65E-10	8.13E-11	1.97E-09	4.34E-10	6.64E-10	1.05E-09	1.86E-10	5.06E-10	4.89E-09
3315	488863.09	3847877.25	7.10E-06	8.15E-06	3.90E-06	2.46E-09	7.43E-09	4.30E-09	4.94E-09	4.48E-09	2.04E-09	9.77E-10	8.21E-11	1.98E-09	4.38E-10	6.70E-10	1.06E-09	1.87E-10	5.13E-10	4.94E-09
3316	489363.09	3847877.25	7.12E-06	8.17E-06	3.92E-06	2.47E-09	7.45E-09	4.31E-09	4.95E-09	4.49E-09	2.05E-09	9.82E-10	8.24E-11	1.99E-09	4.39E-10	6.72E-10	1.07E-09	1.88E-10	5.16E-10	4.95E-09
3317	489863.09	3847877.25	7.27E-06	8.35E-06	4.00E-06	2.52E-09	7.61E-09	4.40E-09	5.06E-09	4.58E-09	2.09E-09	1.00E-09	8.41E-11	2.03E-09	4.48E-10	6.86E-10	1.09E-09	1.92E-10	5.26E-10	5.06E-09
3318	490363.09	3847877.25	7.30E-06	8.38E-06	4.01E-06	2.53E-09	7.63E-09	4.42E-09	5.08E-09	4.60E-09	2.10E-09	1.00E-09	8.44E-11	2.04E-09	4.50E-10	6.89E-10	1.09E-09	1.93E-10	5.27E-10	5.08E-09
3319	490863.09	3847877.25	7.47E-06	8.59E-06	4.10E-06	2.59E-09	7.82E-09	4.53E-09	5.20E-09	4.71E-09	2.15E-09	1.03E-09	8.65E-11	2.09E-09	4.61E-10	7.06E-10	1.12E-09	1.97E-10	5.39E-10	5.20E-09
3320	491363.09	3847877.25	7.52E-06	8.64E-06	4.13E-06	2.61E-09	7.87E-09	4.55E-09	5.23E-09	4.74E-09	2.16E-09	1.03E-09	8.70E-11	2.10E-09	4.64E-10	7.10E-10	1.13E-09	1.99E-10	5.43E-10	5.23E-09
3321	491863.09	3847877.25	7.82E-06	8.99E-06	4.29E-06	2.71E-09	8.19E-09	4.74E-09	5.44E-09	4.93E-09	2.25E-09	1.07E-09	9.05E-11	2.19E-09	4.83E-10	7.39E-10	1.17E-09	2.07E-10	5.64E-10	5.44E-09
3322	492363.09	3847877.25	8.20E-06	9.42E-06	4.49E-06	2.84E-09	8.58E-09	4.97E-09	5.71E-09	5.17E-09	2.36E-09	1.12E-09	9.49E-11	2.29E-09	5.06E-10	7.75E-10	1.23E-09	2.17E-10	5.90E-10	5.70E-09
3323	492863.09	3847877.25	8.56E-06	9.84E-06	4.67E-06	2.97E-09	8.96E-09	5.19E-09	5.96E-09	5.40E-09	2.47E-09	1.17E-09	9.91E-11	2.39E-09	5.28E-10	8.09E-10	1.28E-09	2.26E-10	6.15E-10	5.95E-09
3324	493363.09	3847877.25	8.55E-06	9.83E-06	4.67E-06	2.96E-09	8.95E-09	5.18E-09	5.96E-09	5.40E-09	2.46E-09	1.17E-09	9.90E-11	2.39E-09	5.28E-10	8.09E-10	1.28E-09	2.26E-10	6.13E-10	5.95E-09
3325	493863.09	3847877.25	8.63E-06	9.92E-06	4.70E-06	2.99E-09	9.03E-09	5.23E-09	6.01E-09	5.45E-09	2.49E-09	1.18E-09	9.98E-11	2.41E-09	5.32E-10	8.16E-10	1.29E-09	2.28E-10	6.19E-10	6.00E-09
3326	494363.09	3847877.25	8.78E-06	1.01E-05	4.79E-06	3.04E-09	9.19E-09	5.32E-09	6.12E-09	5.54E-09	2.53E-09	1.20E-09	1.02E-10	2.45E-09	5.42E-10	8.30E-10	1.32E-09	2.32E-10	6.30E-10	6.11E-09
3327	494863.09	3847877.25	9.16E-06	1.05E-05	4.99E-06	3.18E-09	9.59E-09	5.55E-09	6.38E-09	5.79E-09	2.64E-09	1.25E-09	1.06E-10	2.56E-09	5.65E-10	8.67E-10	1.37E-09	2.42E-10	6.57E-10	6.37E-09
3328	495363.09	3847877.25	9.52E-06	1.09E-05	5.19E-06	3.30E-09	9.96E-09	5.76E-09	6.63E-09	6.01E-09	2.74E-09	1.30E-09	1.10E-10	2.66E-09	5.87E-10	9.00E-10	1.43E-09	2.52E-10	6.82E-10	6.62E-09
3329	495863.09	3847877.25	9.34E-06	1.07E-05	5.10E-06	3.24E-09	9.78E-09	5.66E-09	6.51E-09	5.90E-09	2.69E-09	1.28E-09	1.08E-10	2.61E-09	5.76E-10	8.83E-10	1.40E-09	2.47E-10	6.71E-10	6.50E-09
3330	496363.09	3847877.25	1.11E-05	1.27E-05	6.02E-06	3.83E-09	1.16E-08	6.70E-09	7.70E-09	6.98E-09	3.19E-09	1.51E-09	1.28E-10	3.09E-09	6.82E-10	1.05E-09	1.66E-09	2.92E-10	7.92E-10	7.69E-09
3331	496863.09	3847877.25	1.22E-05	1.41E-05	6.65E-06	4.24E-09	1.28E-08	7.41E-09	8.53E-09	7.73E-09	3.53E-09	1.67E-09	1.42E-10	3.42E-09	7.55E-10	1.16E-09	1.84E-09	3.24E-10	8.75E-10	8.51E-09

3332	497363.09	3847877.25	1.37E-05	1.58E-05	7.44E-06	4.75E-09	1.43E-08	8.31E-09	9.56E-09	8.66E-09	3.95E-09	1.86E-09	1.59E-10	3.83E-09	8.46E-10	1.30E-09	2.06E-09	3.63E-10	9.79E-10	9.54E-09
3333	497863.09	3847877.25	1.64E-05	1.89E-05	8.86E-06	5.68E-09	1.71E-08	9.93E-09	1.14E-08	1.04E-08	4.73E-09	2.22E-09	1.90E-10	4.58E-09	1.01E-09	1.55E-09	2.46E-09	4.34E-10	1.17E-09	1.14E-08
3334	498363.09	3847877.25	1.79E-05	2.06E-05	9.68E-06	6.21E-09	1.88E-08	1.09E-08	1.25E-08	1.13E-08	5.17E-09	2.43E-09	2.07E-10	5.01E-09	1.11E-09	1.70E-09	2.69E-09	4.75E-10	1.27E-09	1.25E-08
3335	471363.09	3848377.25	2.54E-05	2.94E-05	1.34E-05	8.82E-09	2.66E-08	1.54E-08	1.78E-08	1.62E-08	7.37E-09	3.35E-09	2.94E-10	7.11E-09	1.57E-09	2.42E-09	3.84E-09	6.76E-10	1.76E-09	1.77E-08
3336	471863.09	3848377.25	2.70E-05	3.12E-05	1.42E-05	9.34E-09	2.82E-08	1.63E-08	1.89E-08	1.71E-08	7.81E-09	3.55E-09	3.12E-10	7.53E-09	1.66E-09	2.56E-09	4.07E-09	7.17E-10	1.86E-09	1.87E-08
3337	472363.09	3848377.25	2.72E-05	3.14E-05	1.43E-05	9.42E-09	2.84E-08	1.65E-08	1.90E-08	1.73E-08	7.87E-09	3.58E-09	3.15E-10	7.60E-09	1.68E-09	2.58E-09	4.10E-09	7.23E-10	1.88E-09	1.89E-08
3338	472863.09	3848377.25	2.73E-05	3.15E-05	1.43E-05	9.44E-09	2.85E-08	1.65E-08	1.91E-08	1.73E-08	7.90E-09	3.59E-09	3.15E-10	7.62E-09	1.68E-09	2.59E-09	4.11E-09	7.25E-10	1.88E-09	1.89E-08
3339	473363.09	3848377.25	2.75E-05	3.19E-05	1.45E-05	9.55E-09	2.88E-08	1.67E-08	1.93E-08	1.75E-08	7.98E-09	3.63E-09	3.19E-10	7.70E-09	1.70E-09	2.62E-09	4.16E-09	7.32E-10	1.90E-09	1.91E-08
3340	473863.09	3848377.25	2.77E-05	3.20E-05	1.45E-05	9.58E-09	2.89E-08	1.68E-08	1.94E-08	1.76E-08	8.01E-09	3.64E-09	3.20E-10	7.73E-09	1.71E-09	2.63E-09	4.17E-09	7.35E-10	1.91E-09	1.92E-08
3341	474363.09	3848377.25	2.70E-05	3.12E-05	1.42E-05	9.36E-09	2.82E-08	1.64E-08	1.89E-08	1.71E-08	7.82E-09	3.55E-09	3.12E-10	7.55E-09	1.67E-09	2.57E-09	4.07E-09	7.18E-10	1.87E-09	1.87E-08
3342	474863.09	3848377.25	2.50E-05	2.89E-05	1.32E-05	8.67E-09	2.62E-08	1.51E-08	1.75E-08	1.59E-08	7.25E-09	3.30E-09	2.89E-10	6.99E-09	1.54E-09	2.38E-09	3.77E-09	6.65E-10	1.73E-09	1.74E-08
3343	475363.09	3848377.25	2.59E-05	3.00E-05	1.36E-05	8.99E-09	2.71E-08	1.57E-08	1.82E-08	1.65E-08	7.51E-09	3.42E-09	3.00E-10	7.25E-09	1.60E-09	2.47E-09	3.91E-09	6.89E-10	1.79E-09	1.80E-08
3344	475863.09	3848377.25	2.40E-05	2.77E-05	1.26E-05	8.31E-09	2.51E-08	1.45E-08	1.68E-08	1.52E-08	6.95E-09	3.16E-09	2.78E-10	6.70E-09	1.48E-09	2.28E-09	3.62E-09	6.38E-10	1.66E-09	1.67E-08
3345	476363.09	3848377.25	2.08E-05	2.40E-05	1.10E-05	7.20E-09	2.18E-08	1.26E-08	1.46E-08	1.32E-08	6.02E-09	2.75E-09	2.41E-10	5.81E-09	1.28E-09	1.98E-09	3.13E-09	5.52E-10	1.44E-09	1.44E-08
3346	476863.09	3848377.25	2.47E-05	2.86E-05	1.30E-05	8.57E-09	2.59E-08	1.50E-08	1.73E-08	1.57E-08	7.16E-09	3.26E-09	2.86E-10	6.91E-09	1.53E-09	2.35E-09	3.73E-09	6.57E-10	1.71E-09	1.72E-08
3347	477363.09	3848377.25	2.93E-05	3.39E-05	1.54E-05	1.02E-08	3.07E-08	1.77E-08	2.05E-08	1.86E-08	8.49E-09	3.86E-09	3.39E-10	8.19E-09	1.81E-09	2.79E-09	4.42E-09	7.79E-10	2.02E-09	2.03E-08
3348	477863.09	3848377.25	3.94E-05	4.56E-05	2.06E-05	1.36E-08	4.12E-08	2.39E-08	2.76E-08	2.50E-08	1.14E-08	5.17E-09	4.56E-10	1.10E-08	2.43E-09	3.75E-09	5.94E-09	1.05E-09	2.71E-09	2.73E-08
3349	478363.09	3848377.25	4.04E-05	4.68E-05	2.12E-05	1.40E-08	4.23E-08	2.45E-08	2.83E-08	2.57E-08	1.17E-08	5.31E-09	4.68E-10	1.13E-08	2.49E-09	3.85E-09	6.10E-09	1.08E-09	2.79E-09	2.81E-08
3350	478863.09	3848377.25	3.64E-05	4.21E-05	1.91E-05	1.26E-08	3.80E-08	2.20E-08	2.55E-08	2.31E-08	1.05E-08	4.78E-09	4.21E-10	1.02E-08	2.24E-09	3.46E-09	5.49E-09	9.67E-10	2.51E-09	2.52E-08
3351	479363.09	3848377.25	2.27E-05	2.62E-05	1.20E-05	7.86E-09	2.37E-08	1.37E-08	1.59E-08	1.44E-08	6.57E-09	3.00E-09	2.63E-10	6.34E-09	1.40E-09	2.16E-09	3.42E-09	6.03E-10	1.58E-09	1.58E-08
3352	479863.09	3848377.25	8.84E-06	1.02E-05	4.76E-06	3.06E-09	9.25E-09	5.36E-09	6.17E-09	5.59E-09	2.55E-09	1.19E-09	1.02E-10	2.47E-09	5.45E-10	8.38E-10	1.33E-09	2.34E-10	6.26E-10	6.15E-09
3353	480363.09	3848377.25	1.17E-05	1.34E-05	6.24E-06	4.04E-09	1.22E-08	7.06E-09	8.15E-09	7.38E-09	3.37E-09	1.56E-09	1.35E-10	3.26E-09	7.19E-10	1.11E-09	1.75E-09	3.09E-10	8.20E-10	8.10E-09
3354	480863.09	3848377.25	1.51E-05	1.74E-05	8.04E-06	5.24E-09	1.58E-08	9.15E-09	1.06E-08	9.57E-09	4.37E-09	2.01E-09	1.75E-10	4.22E-09	9.32E-10	1.43E-09	2.27E-09	4.01E-10	1.06E-09	1.05E-08
3355	481363.09	3848377.25	1.58E-05	1.83E-05	8.43E-06	5.49E-09	1.66E-08	9.60E-09	1.11E-08	1.00E-08	4.58E-09	2.11E-09	1.83E-10	4.43E-09	9.78E-10	1.50E-09	2.39E-09	4.21E-10	1.11E-09	1.10E-08
3356	481863.09	3848377.25	1.58E-05	1.83E-05	8.42E-06	5.48E-09	1.66E-08	9.59E-09	1.11E-08	1.00E-08	4.58E-09	2.11E-09	1.83E-10	4.42E-09	9.76E-10	1.50E-09	2.38E-09	4.20E-10	1.11E-09	1.10E-08
3357	482363.09	3848377.25	1.49E-05	1.72E-05	7.97E-06	5.18E-09	1.56E-08	9.06E-09	1.04E-08	9.47E-09	4.32E-09	2.00E-09	1.73E-10	4.18E-09	9.22E-10	1.42E-09	2.25E-09	3.97E-10	1.05E-09	1.04E-08
3358	482863.09	3848377.25	1.27E-05	1.46E-05	6.80E-06	4.40E-09	1.33E-08	7.69E-09	8.87E-09	8.04E-09	3.67E-09	1.70E-09	1.47E-10	3.55E-09	7.84E-10	1.20E-09	1.91E-09	3.37E-10	8.94E-10	8.83E-09
3359	483363.09	3848377.25	1.24E-05	1.43E-05	6.66E-06	4.30E-09	1.30E-08	7.52E-09	8.67E-09	7.86E-09	3.59E-09	1.67E-09	1.44E-10	3.47E-09	7.66E-10	1.18E-09	1.87E-09	3.29E-10	8.76E-10	8.63E-09
3360	483863.09	3848377.25	1.19E-05	1.37E-05	6.40E-06	4.12E-09	1.24E-08	7.20E-09	8.30E-09	7.52E-09	3.43E-09	1.60E-09	1.38E-10	3.32E-09	7.33E-10	1.13E-09	1.79E-09	3.15E-10	8.41E-10	8.27E-09
3361	484363.09	3848377.25	1.14E-05	1.31E-05	6.15E-06	3.94E-09	1.19E-08	6.89E-09	7.93E-09	7.19E-09	3.28E-09	1.54E-09	1.32E-10	3.18E-09	7.02E-10	1.08E-09	1.71E-09	3.01E-10	8.08E-10	7.91E-09
3362	484863.09	3848377.25	1.20E-05	1.38E-05	6.50E-06	4.16E-09	1.26E-08	7.28E-09	8.38E-09	7.59E-09	3.46E-09	1.63E-09	1.39E-10	3.36E-09	7.41E-10	1.14E-09	1.80E-09	3.18E-10	8.55E-10	8.35E-09
3363	485363.09	3848377.25	1.17E-05	1.34E-05	6.32E-06	4.04E-09	1.22E-08	7.06E-09	8.13E-09	7.37E-09	3.36E-09	1.58E-09	1.35E-10	3.26E-09	7.19E-10	1.10E-09	1.75E-09	3.08E-10	8.31E-10	8.11E-09
3364	485863.09	3848377.25	1.06E-05	1.22E-05	5.78E-06	3.69E-09	1.11E-08	6.44E-09	7.41E-09	6.72E-09	3.07E-09	1.45E-09	1.23E-10	2.97E-09	6.56E-10	1.01E-09	1.60E-09	2.81E-10	7.60E-10	7.40E-09
3365	486363.09	3848377.25	9.66E-06	1.11E-05	5.24E-06	3.35E-09	1.01E-08	5.85E-09	6.73E-09	6.10E-09	2.79E-09	1.31E-09	1.12E-10	2.70E-09	5.96E-10	9.14E-10	1.45E-09	2.56E-10	6.90E-10	6.72E-09
3366	486863.09	3848377.25	9.30E-06	1.07E-05	5.04E-06	3.22E-09	9.73E-09	5.63E-09	6.48E-09	5.87E-09	2.68E-09	1.26E-09	1.08E-10	2.60E-09	5.73E-10	8.80E-10	1.40E-09	2.46E-10	6.62E-10	6.46E-09
3367	487363.09	3848377.25	8.43E-06	9.70E-06	4.58E-06	2.92E-09	8.82E-09	5.11E-09	5.87E-09	5.33E-09	2.43E-09	1.15E-09	9.75E-11	2.36E-09	5.20E-10	7.98E-10	1.27E-09	2.23E-10	6.02E-10	5.86E-09
3368	487863.09	3848377.25	8.14E-06	9.36E-06	4.43E-06	2.82E-09	8.51E-09	4.93E-09	5.67E-09	5.14E-09	2.34E-09	1.11E-09	9.41E-11	2.27E-09	5.02E-10	7.70E-10	1.22E-09	2.15E-10	5.82E-10	5.66E-09
3369	488363.09	3848377.25	8.01E-06	9.21E-06	4.37E-06	2.78E-09	8.38E-09	4.85E-09	5.58E-09	5.06E-09	2.31E-09	1.10E-09	9.27E-11	2.24E-09	4.94E-10	7.58E-10	1.20E-09	2.12E-10	5.75E-10	5.57E-09
3370	488863.09	3848377.25	8.04E-06	9.24E-06	4.41E-06	2.79E-09	8.42E-09	4.87E-09	5.60E-09	5.08E-09	2.32E-09	1.10E-09	9.31E-11	2.25E-09	4.96E-10	7.60E-10	1.21E-09	2.13E-10	5.79E-10	5.60E-09
3371	489363.09	3848377.25	8.14E-06	9.35E-06	4.47E-06	2.82E-09	8.52E-09	4.93E-09	5.66E-09	5.14E-09	2.34E-09	1.12E-09	9.42E-11	2.28E-09	5.02E-10	7.69E-10	1.22E-09	2.15E-10	5.87E-10	5.66E-09
3372	489863.09	3848377.25	8.48E-06	9.74E-06	4.65E-06	2.94E-09	8.87E-09	5.14E-09	5.90E-09	5.35E-09	2.44E-09	1.16E-09	9.81E-11	2.37E-09	5.23E-10	8.01E-10	1.27E-09	2.24E-10	6.11E-10	5.90E-09
3373	490363.09	3848377.25	8.76E-06	1.01E-05	4.79E-06	3.04E-09	9.17E-09	5.31E-09	6.10E-09	5.53E-09	2.52E-09	1.20E-09	1.01E-10	2.45E-09	5.41E-10	8.29E-10	1.31E-09	2.32E-10	6.30E-10	6.10E-09
3374	490863.09	3848377.25	8.76E-06	1.01E-05	4.79E-06	3.04E-09	9.17E-09	5.31E-09	6.10E-09	5.53E-09	2.52E-09	1.20E-09	1.01E-10	2.45E-09	5.41E-10	8.28E-10	1.31E-09	2.32E-10	6.30E-10	6.10E-09
3375	491363.09	3848377.25	8.92E-06	1.03E-05	4.88E-06	3.09E-09	9.34E-09	5.41E-09	6.21E-09	5.63E-09	2.57E-09	1.22E-09	1.03E-10	2.49E-09	5.50E-10	8.44E-10	1.34E-09	2.36E-10	6.41E-10	6.21E-09
3376	491863.09	3848377.25	9.15E-06	1.05E-05	5.00E-06	3.17E-09	9.57E-09	5.54E-09	6.37E-09	5.78E-09	2.64E-09	1.25E-09	1.06E-10	2.56E-09	5.64E-10	8.65E-10	1.37E-09	2.42E-10	6.57E-10	6.36E-09
3377	492363.09	3848377.25	9.15E-06	1.05E-05	4.99E-06	3.17E-09	9.57E-09	5.54E-09	6.37E-09	5.77E-09	2.63E-09	1.25E-09	1.06E-10	2.56E-09	5.64E-10	8.65E-10	1.37E-09	2.42E-10	6.57E-10	6.36E-09
3378	492863.09	3848377.25	9.02E-06	1.04E-05	4.92E-06	3.13E-09	9.44E-09	5.47E-09	6.28E-09	5.70E-09	2.60E-09	1.23E-09	1.04E-10	2.52E-09	5.57E-10	8.53E-10	1.35E-09	2.39E-10	6.47E-10	6.28E-09
3379	493363.09	3848377.25	9.20E-06	1.06E-05	5.01E-06	3.19E-09	9.63E-09	5.57E-09	6.41E-09	5.81E-09	2.65E-09	1.26E-09	1.06E-10	2.57E-09	5.67E-10	8.70E-10	1.38E-09	2.43E-10	6.59E-10	6.40E-09
3380	493863.09	3848377.25	9.32E-06	1.07E-05	5.08E-06	3.23E-09	9.75E-09	5.65E-09	6.49E-09	5.88E-09	2.69E-09	1.27E-09	1.08E-10	2.61E-09	5.75E-10	8.81E-10	1.40E-09	2.46E-10	6.68E-10	6.48E-09
3381	494363.09	3848377.25	9.55E-06	1.10E-05	5.20E-06	3.31E-09	9.99E-09	5.78E-09	6.65E-09	6.03E-09	2.75E-09	1.30E-09	1.10E-10	2.67E-09	5.89E-10	9.03E-10	1.43E-09	2.52E-10	6.84E-10	6.64E-09
3382	494863.09	3848377.25	1.02E-05	1.17E-05	5.55E-06	3.53E-09	1.07E-08	6.17E-09	7.10E-09	6.44E-09	2.94E-09	1.39E-09	1.18E-10	2.85E-09	6.29E-10	9.64E-10	1.53E-09	2.70E-10	7.29E-10	7.09E-09
3383	495363.09	3848377.25	1.03E-05	1.18E-05	5.61E-06	3.57E-09	1.08E-08	6.23E-09	7.17E-09	6.50E-09	2.97E-09	1.41E-09	1.19E-10	2.88E-09	6.35E-10	9.73E-10	1.54E-09	2.72E-10	7.38E-10	7.16E-09
3384	495863.09	3848377.25	1.09E-05	1.25E-05	5.95E-06	3.78E-09	1.14E-08	6.61E-09	7.60E-09	6.89E-09	3.14E-09	1.49E-09	1.26E-10	3.05E-09	6.73E-10	1.03E-09	1.64E-09	2.89E-10	7.82E-10	7.59E-09

3385	496363.09	3848377.25	1.22E-05	1.40E-05	6.64E-06	4.23E-09	1.28E-08	7.40E-09	8.51E-09	7.71E-09	3.52E-09	1.66E-09	1.41E-10	3.41E-09	7.53E-10	1.15E-09	1.83E-09	3.23E-10	8.74E-10	8.49E-09
3386	496863.09	3848377.25	1.28E-05	1.47E-05	6.94E-06	4.42E-09	1.33E-08	7.73E-09	8.89E-09	8.05E-09	3.68E-09	1.74E-09	1.48E-10	3.57E-09	7.87E-10	1.21E-09	1.91E-09	3.37E-10	9.13E-10	8.87E-09
3387	497363.09	3848377.25	1.48E-05	1.70E-05	8.01E-06	5.11E-09	1.54E-08	8.94E-09	1.03E-08	9.32E-09	4.25E-09	2.01E-09	1.71E-10	4.12E-09	9.10E-10	1.40E-09	2.22E-09	3.90E-10	1.05E-09	1.03E-08
3388	497863.09	3848377.25	1.98E-05	2.29E-05	1.07E-05	6.88E-09	2.08E-08	1.20E-08	1.38E-08	1.26E-08	5.73E-09	2.68E-09	2.30E-10	5.55E-09	1.22E-09	1.88E-09	2.98E-09	5.26E-10	1.41E-09	1.38E-08
3389	498363.09	3848377.25	2.13E-05	2.46E-05	1.15E-05	7.39E-09	2.23E-08	1.29E-08	1.49E-08	1.35E-08	6.16E-09	2.87E-09	2.47E-10	5.96E-09	1.32E-09	2.02E-09	3.21E-09	5.65E-10	1.51E-09	1.48E-08
3390	471363.09	3848877.25	2.33E-05	2.69E-05	1.22E-05	8.06E-09	2.44E-08	1.41E-08	1.63E-08	1.48E-08	6.74E-09	3.07E-09	2.69E-10	6.51E-09	1.44E-09	2.21E-09	3.51E-09	6.19E-10	1.61E-09	1.62E-08
3391	471863.09	3848877.25	2.58E-05	2.99E-05	1.36E-05	8.95E-09	2.70E-08	1.56E-08	1.81E-08	1.64E-08	7.48E-09	3.40E-09	2.99E-10	7.22E-09	1.59E-09	2.46E-09	3.89E-09	6.86E-10	1.79E-09	1.79E-08
3392	472363.09	3848877.25	2.84E-05	3.28E-05	1.49E-05	9.84E-09	2.97E-08	1.72E-08	1.99E-08	1.80E-08	8.23E-09	3.74E-09	3.29E-10	7.94E-09	1.75E-09	2.70E-09	4.28E-09	7.55E-10	1.96E-09	1.97E-08
3393	472863.09	3848877.25	2.99E-05	3.46E-05	1.57E-05	1.04E-08	3.13E-08	1.81E-08	2.10E-08	1.90E-08	8.68E-09	3.94E-09	3.47E-10	8.37E-09	1.85E-09	2.85E-09	4.52E-09	7.96E-10	2.07E-09	2.08E-08
3394	473363.09	3848877.25	3.04E-05	3.51E-05	1.59E-05	1.05E-08	3.18E-08	1.84E-08	2.13E-08	1.93E-08	8.80E-09	3.99E-09	3.51E-10	8.49E-09	1.87E-09	2.89E-09	4.58E-09	8.07E-10	2.10E-09	2.11E-08
3395	473863.09	3848877.25	3.05E-05	3.53E-05	1.60E-05	1.06E-08	3.19E-08	1.85E-08	2.14E-08	1.94E-08	8.84E-09	4.01E-09	3.53E-10	8.53E-09	1.88E-09	2.90E-09	4.60E-09	8.11E-10	2.11E-09	2.12E-08
3396	474363.09	3848877.25	3.08E-05	3.56E-05	1.62E-05	1.07E-08	3.22E-08	1.87E-08	2.16E-08	1.96E-08	8.92E-09	4.05E-09	3.56E-10	8.61E-09	1.90E-09	2.93E-09	4.65E-09	8.19E-10	2.13E-09	2.14E-08
3397	474863.09	3848877.25	3.01E-05	3.48E-05	1.58E-05	1.04E-08	3.15E-08	1.82E-08	2.11E-08	1.91E-08	8.71E-09	3.96E-09	3.48E-10	8.40E-09	1.85E-09	2.86E-09	4.54E-09	7.99E-10	2.08E-09	2.09E-08
3398	475363.09	3848877.25	2.93E-05	3.38E-05	1.54E-05	1.01E-08	3.06E-08	1.77E-08	2.05E-08	1.86E-08	8.48E-09	3.85E-09	3.39E-10	8.18E-09	1.80E-09	2.78E-09	4.41E-09	7.78E-10	2.02E-09	2.03E-08
3399	475863.09	3848877.25	2.96E-05	3.43E-05	1.56E-05	1.03E-08	3.10E-08	1.79E-08	2.08E-08	1.88E-08	8.58E-09	3.90E-09	3.43E-10	8.28E-09	1.83E-09	2.82E-09	4.47E-09	7.88E-10	2.05E-09	2.06E-08
3400	476363.09	3848877.25	2.83E-05	3.27E-05	1.49E-05	9.81E-09	2.96E-08	1.71E-08	1.98E-08	1.80E-08	8.20E-09	3.73E-09	3.28E-10	7.91E-09	1.75E-09	2.69E-09	4.27E-09	7.53E-10	1.96E-09	1.97E-08
3401	476863.09	3848877.25	2.56E-05	2.96E-05	1.35E-05	8.87E-09	2.68E-08	1.55E-08	1.79E-08	1.62E-08	7.41E-09	3.37E-09	2.96E-10	7.15E-09	1.58E-09	2.43E-09	3.86E-09	6.80E-10	1.77E-09	1.78E-08
3402	477363.09	3848877.25	2.79E-05	3.23E-05	1.47E-05	9.67E-09	2.92E-08	1.69E-08	1.95E-08	1.77E-08	8.09E-09	3.68E-09	3.23E-10	7.80E-09	1.72E-09	2.65E-09	4.21E-09	7.42E-10	1.93E-09	1.94E-08
3403	477863.09	3848877.25	3.31E-05	3.83E-05	1.74E-05	1.15E-08	3.46E-08	2.01E-08	2.32E-08	2.10E-08	9.59E-09	4.36E-09	3.83E-10	9.25E-09	2.04E-09	3.15E-09	5.00E-09	8.80E-10	2.29E-09	2.30E-08
3404	478363.09	3848877.25	4.47E-05	5.17E-05	2.34E-05	1.55E-08	4.68E-08	2.71E-08	3.13E-08	2.84E-08	1.30E-08	5.86E-09	5.17E-10	1.25E-08	2.76E-09	4.25E-09	6.75E-09	1.19E-09	3.08E-09	3.10E-08
3405	478863.09	3848877.25	4.53E-05	5.24E-05	2.37E-05	1.57E-08	4.74E-08	2.74E-08	3.17E-08	2.88E-08	1.31E-08	5.94E-09	5.24E-10	1.27E-08	2.79E-09	4.31E-09	6.84E-09	1.20E-09	3.12E-09	3.15E-08
3406	479363.09	3848877.25	3.80E-05	4.39E-05	1.99E-05	1.32E-08	3.97E-08	2.30E-08	2.66E-08	2.41E-08	1.10E-08	4.99E-09	4.39E-10	1.06E-08	2.34E-09	3.61E-09	5.73E-09	1.01E-09	2.62E-09	2.64E-08
3407	479863.09	3848877.25	2.44E-05	2.82E-05	1.29E-05	8.45E-09	2.55E-08	1.48E-08	1.71E-08	1.55E-08	7.06E-09	3.23E-09	2.82E-10	6.82E-09	1.50E-09	2.32E-09	3.68E-09	6.48E-10	1.69E-09	1.69E-08
3408	480363.09	3848877.25	2.40E-05	2.77E-05	1.27E-05	8.31E-09	2.51E-08	1.45E-08	1.68E-08	1.52E-08	6.94E-09	3.18E-09	2.78E-10	6.71E-09	1.48E-09	2.28E-09	3.61E-09	6.37E-10	1.67E-09	1.67E-08
3409	480863.09	3848877.25	2.41E-05	2.78E-05	1.27E-05	8.35E-09	2.52E-08	1.46E-08	1.69E-08	1.53E-08	6.97E-09	3.19E-09	2.79E-10	6.73E-09	1.49E-09	2.29E-09	3.63E-09	6.40E-10	1.68E-09	1.67E-08
3410	481363.09	3848877.25	2.14E-05	2.48E-05	1.14E-05	7.43E-09	2.24E-08	1.30E-08	1.50E-08	1.36E-08	6.20E-09	2.84E-09	2.48E-10	5.99E-09	1.32E-09	2.04E-09	3.23E-09	5.69E-10	1.49E-09	1.49E-08
3411	481863.09	3848877.25	1.92E-05	2.22E-05	1.02E-05	6.65E-09	2.01E-08	1.16E-08	1.34E-08	1.22E-08	5.55E-09	2.55E-09	2.22E-10	5.36E-09	1.18E-09	1.82E-09	2.89E-09	5.10E-10	1.34E-09	1.33E-08
3412	482363.09	3848877.25	1.50E-05	1.73E-05	7.98E-06	5.18E-09	1.56E-08	9.06E-09	1.05E-08	9.48E-09	4.32E-09	2.00E-09	1.73E-10	4.18E-09	9.23E-10	1.42E-09	2.25E-09	3.97E-10	1.05E-09	1.04E-08
3413	482863.09	3848877.25	1.24E-05	1.43E-05	6.64E-06	4.29E-09	1.30E-08	7.50E-09	8.64E-09	7.84E-09	3.58E-09	1.66E-09	1.43E-10	3.46E-09	7.64E-10	1.17E-09	1.86E-09	3.28E-10	8.73E-10	8.60E-09
3414	483363.09	3848877.25	1.11E-05	1.28E-05	6.00E-06	3.86E-09	1.17E-08	6.75E-09	7.77E-09	7.05E-09	3.22E-09	1.50E-09	1.29E-10	3.11E-09	6.87E-10	1.06E-09	1.67E-09	2.95E-10	7.89E-10	7.74E-09
3415	483863.09	3848877.25	1.13E-05	1.30E-05	6.10E-06	3.92E-09	1.18E-08	6.85E-09	7.89E-09	7.15E-09	3.26E-09	1.53E-09	1.31E-10	3.16E-09	6.98E-10	1.07E-09	1.70E-09	3.00E-10	8.02E-10	7.86E-09
3416	484363.09	3848877.25	1.29E-05	1.48E-05	6.92E-06	4.46E-09	1.35E-08	7.79E-09	8.97E-09	8.13E-09	3.71E-09	1.73E-09	1.49E-10	3.59E-09	7.93E-10	1.22E-09	1.93E-09	3.41E-10	9.10E-10	8.94E-09
3417	484863.09	3848877.25	1.44E-05	1.66E-05	7.76E-06	5.00E-09	1.51E-08	8.74E-09	1.01E-08	9.12E-09	4.16E-09	1.94E-09	1.67E-10	4.03E-09	8.90E-10	1.37E-09	2.17E-09	3.82E-10	1.02E-09	1.00E-08
3418	485363.09	3848877.25	1.39E-05	1.60E-05	7.49E-06	4.81E-09	1.45E-08	8.40E-09	9.67E-09	8.77E-09	4.00E-09	1.88E-09	1.60E-10	3.88E-09	8.55E-10	1.31E-09	2.08E-09	3.67E-10	9.85E-10	9.64E-09
3419	485863.09	3848877.25	1.24E-05	1.43E-05	6.73E-06	4.30E-09	1.30E-08	7.52E-09	8.66E-09	7.85E-09	3.58E-09	1.69E-09	1.44E-10	3.47E-09	7.66E-10	1.18E-09	1.86E-09	3.29E-10	8.84E-10	8.63E-09
3420	486363.09	3848877.25	1.09E-05	1.26E-05	5.92E-06	3.78E-09	1.14E-08	6.61E-09	7.61E-09	6.90E-09	3.15E-09	1.48E-09	1.26E-10	3.05E-09	6.73E-10	1.03E-09	1.64E-09	2.89E-10	7.78E-10	7.59E-09
3421	486863.09	3848877.25	1.03E-05	1.18E-05	5.57E-06	3.56E-09	1.08E-08	6.23E-09	7.17E-09	6.50E-09	2.97E-09	1.39E-09	1.19E-10	2.87E-09	6.34E-10	9.73E-10	1.54E-09	2.72E-10	7.32E-10	7.15E-09
3422	487363.09	3848877.25	9.93E-06	1.14E-05	5.37E-06	3.44E-09	1.04E-08	6.02E-09	6.93E-09	6.28E-09	2.86E-09	1.35E-09	1.15E-10	2.78E-09	6.13E-10	9.40E-10	1.49E-09	2.63E-10	7.07E-10	6.90E-09
3423	487863.09	3848877.25	9.34E-06	1.07E-05	5.06E-06	3.24E-09	9.77E-09	5.66E-09	6.51E-09	5.90E-09	2.69E-09	1.27E-09	1.08E-10	2.61E-09	5.76E-10	8.84E-10	1.40E-09	2.47E-10	6.66E-10	6.49E-09
3424	488363.09	3848877.25	9.33E-06	1.07E-05	5.07E-06	3.23E-09	9.76E-09	5.65E-09	6.50E-09	5.89E-09	2.69E-09	1.27E-09	1.08E-10	2.61E-09	5.75E-10	8.83E-10	1.40E-09	2.47E-10	6.67E-10	6.49E-09
3425	488863.09	3848877.25	9.33E-06	1.07E-05	5.09E-06	3.23E-09	9.76E-09	5.65E-09	6.50E-09	5.89E-09	2.69E-09	1.28E-09	1.08E-10	2.61E-09	5.75E-10	8.82E-10	1.40E-09	2.47E-10	6.69E-10	6.49E-09
3426	489363.09	3848877.25	9.58E-06	1.10E-05	5.24E-06	3.32E-09	1.00E-08	5.80E-09	6.67E-09	6.05E-09	2.76E-09	1.31E-09	1.11E-10	2.68E-09	5.91E-10	9.06E-10	1.44E-09	2.53E-10	6.89E-10	6.66E-09
3427	489863.09	3848877.25	1.01E-05	1.16E-05	5.51E-06	3.50E-09	1.06E-08	6.12E-09	7.04E-09	6.38E-09	2.91E-09	1.38E-09	1.17E-10	2.82E-09	6.23E-10	9.56E-10	1.52E-09	2.67E-10	7.25E-10	7.03E-09
3428	490363.09	3848877.25	1.01E-05	1.16E-05	5.48E-06	3.48E-09	1.05E-08	6.09E-09	7.00E-09	6.35E-09	2.90E-09	1.37E-09	1.16E-10	2.81E-09	6.20E-10	9.51E-10	1.51E-09	2.66E-10	7.21E-10	6.99E-09
3429	490863.09	3848877.25	1.01E-05	1.17E-05	5.52E-06	3.51E-09	1.06E-08	6.14E-09	7.06E-09	6.40E-09	2.92E-09	1.38E-09	1.17E-10	2.83E-09	6.25E-10	9.58E-10	1.52E-09	2.68E-10	7.26E-10	7.05E-09
3430	491363.09	3848877.25	1.03E-05	1.19E-05	5.63E-06	3.58E-09	1.08E-08	6.25E-09	7.19E-09	6.52E-09	2.98E-09	1.41E-09	1.19E-10	2.89E-09	6.37E-10	9.77E-10	1.55E-09	2.73E-10	7.40E-10	7.18E-09
3431	491863.09	3848877.25	1.02E-05	1.17E-05	5.57E-06	3.54E-09	1.07E-08	6.19E-09	7.11E-09	6.45E-09	2.94E-09	1.39E-09	1.18E-10	2.85E-09	6.30E-10	9.66E-10	1.53E-09	2.70E-10	7.32E-10	7.10E-09
3432	492363.09	3848877.25	1.01E-05	1.16E-05	5.50E-06	3.50E-09	1.06E-08	6.11E-09	7.03E-09	6.37E-09	2.91E-09	1.38E-09	1.17E-10	2.82E-09	6.23E-10	9.55E-10	1.51E-09	2.67E-10	7.23E-10	7.02E-09
3433	492863.09	3848877.25	9.74E-06	1.12E-05	5.31E-06	3.38E-09	1.02E-08	5.90E-09	6.79E-09	6.15E-09	2.81E-09	1.33E-09	1.13E-10	2.72E-09	6.01E-10	9.21E-10	1.46E-09	2.58E-10	6.98E-10	6.78E-09
3434	493363.09	3848877.25	9.48E-06	1.09E-05	5.17E-06	3.29E-09	9.92E-09	5.74E-09	6.60E-09	5.99E-09	2.73E-09	1.30E-09	1.10E-10	2.65E-09	5.85E-10	8.97E-10	1.42E-09	2.51E-10	6.80E-10	6.59E-09
3435	493863.09	3848877.25	1.01E-05	1.16E-05	5.49E-06	3.49E-09	1.06E-08	6.11E-09	7.03E-09	6.37E-09	2.91E-09	1.38E-09	1.17E-10	2.82E-09	6.22E-10	9.54E-10	1.51E-09	2.67E-10	7.22E-10	7.01E-09
3436	494363.09	3848877.25	1.06E-05	1.22E-05	5.78E-06	3.68E-09	1.11E-08	6.43E-09	7.40E-09	6.71E-09	3.06E-09	1.45E-09	1.23E-10	2.97E-09	6.55E-10	1.00E-09	1.59E-09	2.81E-10	7.60E-10	7.39E-09
3437	494863.09	3848877.25	1.16E-05	1.34E-05	6.33E-06	4.04E-09	1.22E-08	7.06E-09	8.12E-09	7.36E-09	3.36E-09	1.59E-09	1.35E-10	3.26E-09	7.19E-10	1.10E-09	1.75E-09	3.08E-10	8.33E-10	8.10E-09

3438	495363.09	3848877.25	1.26E-05	1.45E-05	6.85E-06	4.37E-09	1.32E-08	7.64E-09	8.79E-09	7.97E-09	3.63E-09	1.72E-09	1.46E-10	3.52E-09	7.78E-10	1.19E-09	1.89E-09	3.34E-10	9.01E-10	8.77E-09
3439	495863.09	3848877.25	1.27E-05	1.46E-05	6.89E-06	4.39E-09	1.33E-08	7.67E-09	8.82E-09	8.00E-09	3.65E-09	1.73E-09	1.47E-10	3.54E-09	7.81E-10	1.20E-09	1.90E-09	3.35E-10	9.06E-10	8.81E-09
3440	496363.09	3848877.25	1.36E-05	1.57E-05	7.40E-06	4.72E-09	1.43E-08	8.25E-09	9.49E-09	8.60E-09	3.93E-09	1.85E-09	1.58E-10	3.81E-09	8.40E-10	1.29E-09	2.04E-09	3.60E-10	9.73E-10	9.47E-09
3441	496863.09	3848877.25	1.57E-05	1.81E-05	8.53E-06	5.45E-09	1.65E-08	9.53E-09	1.10E-08	9.95E-09	4.54E-09	2.14E-09	1.82E-10	4.40E-09	9.71E-10	1.49E-09	2.36E-09	4.17E-10	1.12E-09	1.09E-08
3442	497363.09	3848877.25	2.01E-05	2.32E-05	1.09E-05	6.98E-09	2.11E-08	1.22E-08	1.40E-08	1.27E-08	5.81E-09	2.72E-09	2.33E-10	5.63E-09	1.24E-09	1.91E-09	3.03E-09	5.33E-10	1.43E-09	1.40E-08
3443	497863.09	3848877.25	2.30E-05	2.65E-05	1.24E-05	7.98E-09	2.41E-08	1.40E-08	1.61E-08	1.46E-08	6.65E-09	3.10E-09	2.67E-10	6.44E-09	1.42E-09	2.18E-09	3.46E-09	6.10E-10	1.63E-09	1.60E-08
3444	498363.09	3848877.25	2.57E-05	2.97E-05	1.38E-05	8.92E-09	2.69E-08	1.56E-08	1.80E-08	1.63E-08	7.43E-09	3.45E-09	2.98E-10	7.19E-09	1.59E-09	2.44E-09	3.87E-09	6.82E-10	1.81E-09	1.79E-08
3445	471363.09	3849377.25	2.28E-05	2.64E-05	1.20E-05	7.92E-09	2.39E-08	1.38E-08	1.60E-08	1.45E-08	6.62E-09	3.01E-09	2.64E-10	6.39E-09	1.41E-09	2.17E-09	3.45E-09	6.07E-10	1.58E-09	1.59E-08
3446	471863.09	3849377.25	2.44E-05	2.82E-05	1.29E-05	8.46E-09	2.56E-08	1.48E-08	1.71E-08	1.55E-08	7.08E-09	3.22E-09	2.83E-10	6.83E-09	1.51E-09	2.32E-09	3.68E-09	6.49E-10	1.69E-09	1.70E-08
3447	472363.09	3849377.25	2.64E-05	3.05E-05	1.39E-05	9.15E-09	2.76E-08	1.60E-08	1.85E-08	1.68E-08	7.65E-09	3.48E-09	3.06E-10	7.38E-09	1.63E-09	2.51E-09	3.99E-09	7.02E-10	1.83E-09	1.83E-08
3448	472863.09	3849377.25	2.92E-05	3.37E-05	1.53E-05	1.01E-08	3.05E-08	1.77E-08	2.04E-08	1.85E-08	8.46E-09	3.84E-09	3.38E-10	8.16E-09	1.80E-09	2.78E-09	4.40E-09	7.76E-10	2.02E-09	2.03E-08
3449	473363.09	3849377.25	3.19E-05	3.69E-05	1.68E-05	1.11E-08	3.34E-08	1.93E-08	2.24E-08	2.03E-08	9.25E-09	4.20E-09	3.69E-10	8.92E-09	1.97E-09	3.04E-09	4.82E-09	8.49E-10	2.20E-09	2.22E-08
3450	473863.09	3849377.25	3.35E-05	3.88E-05	1.76E-05	1.16E-08	3.51E-08	2.03E-08	2.35E-08	2.13E-08	9.72E-09	4.41E-09	3.88E-10	9.37E-09	2.07E-09	3.19E-09	5.06E-09	8.92E-10	2.31E-09	2.33E-08
3451	474363.09	3849377.25	3.41E-05	3.94E-05	1.79E-05	1.18E-08	3.57E-08	2.07E-08	2.39E-08	2.17E-08	9.88E-09	4.48E-09	3.95E-10	9.53E-09	2.10E-09	3.24E-09	5.14E-09	9.07E-10	2.35E-09	2.37E-08
3452	474863.09	3849377.25	3.44E-05	3.98E-05	1.81E-05	1.19E-08	3.60E-08	2.09E-08	2.41E-08	2.19E-08	9.98E-09	4.53E-09	3.98E-10	9.62E-09	2.12E-09	3.27E-09	5.19E-09	9.15E-10	2.38E-09	2.39E-08
3453	475363.09	3849377.25	3.45E-05	3.99E-05	1.81E-05	1.19E-08	3.61E-08	2.09E-08	2.41E-08	2.19E-08	9.99E-09	4.53E-09	3.99E-10	9.63E-09	2.13E-09	3.28E-09	5.20E-09	9.16E-10	2.38E-09	2.39E-08
3454	475863.09	3849377.25	3.44E-05	3.98E-05	1.81E-05	1.19E-08	3.60E-08	2.09E-08	2.41E-08	2.19E-08	9.98E-09	4.53E-09	3.98E-10	9.62E-09	2.12E-09	3.27E-09	5.19E-09	9.15E-10	2.38E-09	2.39E-08
3455	476363.09	3849377.25	3.43E-05	3.97E-05	1.80E-05	1.19E-08	3.59E-08	2.08E-08	2.40E-08	2.18E-08	9.94E-09	4.51E-09	3.97E-10	9.59E-09	2.12E-09	3.26E-09	5.18E-09	9.13E-10	2.37E-09	2.38E-08
3456	476863.09	3849377.25	3.36E-05	3.88E-05	1.76E-05	1.16E-08	3.51E-08	2.03E-08	2.35E-08	2.13E-08	9.73E-09	4.42E-09	3.89E-10	9.39E-09	2.07E-09	3.19E-09	5.07E-09	8.93E-10	2.32E-09	2.33E-08
3457	477363.09	3849377.25	3.15E-05	3.64E-05	1.65E-05	1.09E-08	3.30E-08	1.91E-08	2.21E-08	2.00E-08	9.12E-09	4.15E-09	3.64E-10	8.80E-09	1.94E-09	2.99E-09	4.75E-09	8.37E-10	2.18E-09	2.19E-08
3458	477863.09	3849377.25	3.07E-05	3.54E-05	1.61E-05	1.06E-08	3.21E-08	1.86E-08	2.15E-08	1.95E-08	8.88E-09	4.04E-09	3.55E-10	8.57E-09	1.89E-09	2.92E-09	4.62E-09	8.15E-10	2.12E-09	2.13E-08
3459	478363.09	3849377.25	3.71E-05	4.29E-05	1.95E-05	1.29E-08	3.89E-08	2.25E-08	2.60E-08	2.36E-08	1.08E-08	4.88E-09	4.30E-10	1.04E-08	2.29E-09	3.53E-09	5.60E-09	9.88E-10	2.56E-09	2.58E-08
3460	478863.09	3849377.25	4.90E-05	5.67E-05	2.56E-05	1.70E-08	5.12E-08	2.97E-08	3.43E-08	3.11E-08	1.42E-08	6.42E-09	5.67E-10	1.37E-08	3.02E-09	4.66E-09	7.39E-09	1.30E-09	3.37E-09	3.40E-08
3461	479363.09	3849377.25	5.09E-05	5.89E-05	2.67E-05	1.77E-08	5.33E-08	3.09E-08	3.57E-08	3.24E-08	1.48E-08	6.68E-09	5.90E-10	1.42E-08	3.14E-09	4.85E-09	7.69E-09	1.36E-09	3.51E-09	3.54E-08
3462	479863.09	3849377.25	4.07E-05	4.70E-05	2.13E-05	1.41E-08	4.25E-08	2.46E-08	2.85E-08	2.58E-08	1.18E-08	5.35E-09	4.70E-10	1.14E-08	2.51E-09	3.87E-09	6.13E-09	1.08E-09	2.81E-09	2.82E-08
3463	480363.09	3849377.25	3.48E-05	4.03E-05	1.84E-05	1.21E-08	3.65E-08	2.11E-08	2.44E-08	2.21E-08	1.01E-08	4.60E-09	4.03E-10	9.74E-09	2.15E-09	3.31E-09	5.25E-09	9.26E-10	2.41E-09	2.42E-08
3464	480863.09	3849377.25	3.21E-05	3.71E-05	1.69E-05	1.11E-08	3.36E-08	1.94E-08	2.25E-08	2.04E-08	9.29E-09	4.24E-09	3.71E-10	8.97E-09	1.98E-09	3.05E-09	4.84E-09	8.52E-10	2.23E-09	2.23E-08
3465	481363.09	3849377.25	2.57E-05	2.97E-05	1.36E-05	8.90E-09	2.69E-08	1.56E-08	1.80E-08	1.63E-08	7.43E-09	3.40E-09	2.97E-10	7.18E-09	1.58E-09	2.44E-09	3.87E-09	6.82E-10	1.79E-09	1.78E-08
3466	481863.09	3849377.25	1.83E-05	2.12E-05	9.74E-06	6.35E-09	1.92E-08	1.11E-08	1.28E-08	1.16E-08	5.30E-09	2.44E-09	2.12E-10	5.12E-09	1.13E-09	1.74E-09	2.76E-09	4.86E-10	1.28E-09	1.27E-08
3467	482363.09	3849377.25	1.56E-05	1.80E-05	8.30E-06	5.39E-09	1.63E-08	9.43E-09	1.09E-08	9.86E-09	4.50E-09	2.08E-09	1.80E-10	4.35E-09	9.60E-10	1.48E-09	2.34E-09	4.13E-10	1.09E-09	1.08E-08
3468	482863.09	3849377.25	1.26E-05	1.46E-05	6.78E-06	4.38E-09	1.32E-08	7.66E-09	8.83E-09	8.01E-09	3.65E-09	1.70E-09	1.46E-10	3.54E-09	7.80E-10	1.20E-09	1.90E-09	3.35E-10	8.92E-10	8.79E-09
3469	483363.09	3849377.25	1.16E-05	1.33E-05	6.22E-06	4.00E-09	1.21E-08	7.00E-09	8.07E-09	7.31E-09	3.34E-09	1.56E-09	1.34E-10	3.23E-09	7.13E-10	1.10E-09	1.74E-09	3.06E-10	8.18E-10	8.03E-09
3470	483863.09	3849377.25	1.04E-05	1.20E-05	5.65E-06	3.62E-09	1.09E-08	6.32E-09	7.28E-09	6.60E-09	3.01E-09	1.42E-09	1.21E-10	2.92E-09	6.44E-10	9.88E-10	1.57E-09	2.76E-10	7.43E-10	7.26E-09
3471	484363.09	3849377.25	1.45E-05	1.67E-05	7.80E-06	5.03E-09	1.52E-08	8.80E-09	1.01E-08	9.19E-09	4.20E-09	1.95E-09	1.68E-10	4.06E-09	8.96E-10	1.38E-09	2.18E-09	3.85E-10	1.03E-09	1.01E-08
3472	484863.09	3849377.25	1.72E-05	1.98E-05	9.21E-06	5.96E-09	1.80E-08	1.04E-08	1.20E-08	1.09E-08	4.97E-09	2.31E-09	1.99E-10	4.81E-09	1.06E-09	1.63E-09	2.59E-09	4.56E-10	1.21E-09	1.20E-08
3473	485363.09	3849377.25	1.67E-05	1.92E-05	8.96E-06	5.78E-09	1.74E-08	1.01E-08	1.16E-08	1.05E-08	4.81E-09	2.25E-09	1.93E-10	4.66E-09	1.03E-09	1.58E-09	2.51E-09	4.42E-10	1.18E-09	1.16E-08
3474	485863.09	3849377.25	1.22E-05	1.40E-05	6.62E-06	4.22E-09	1.27E-08	7.38E-09	8.49E-09	7.70E-09	3.51E-09	1.66E-09	1.41E-10	3.40E-09	7.51E-10	1.15E-09	1.83E-09	3.22E-10	8.70E-10	8.47E-09
3475	486363.09	3849377.25	9.98E-06	1.15E-05	5.44E-06	3.46E-09	1.04E-08	6.04E-09	6.95E-09	6.30E-09	2.87E-09	1.36E-09	1.15E-10	2.79E-09	6.15E-10	9.44E-10	1.50E-09	2.64E-10	7.15E-10	6.94E-09
3476	486863.09	3849377.25	1.16E-05	1.34E-05	6.29E-06	4.03E-09	1.22E-08	7.05E-09	8.12E-09	7.36E-09	3.36E-09	1.58E-09	1.35E-10	3.25E-09	7.18E-10	1.10E-09	1.75E-09	3.08E-10	8.27E-10	8.09E-09
3477	487363.09	3849377.25	1.14E-05	1.31E-05	6.15E-06	3.95E-09	1.19E-08	6.91E-09	7.95E-09	7.21E-09	3.29E-09	1.54E-09	1.32E-10	3.19E-09	7.03E-10	1.08E-09	1.71E-09	3.02E-10	8.09E-10	7.93E-09
3478	487863.09	3849377.25	1.11E-05	1.28E-05	6.02E-06	3.86E-09	1.17E-08	6.75E-09	7.77E-09	7.04E-09	3.21E-09	1.51E-09	1.29E-10	3.11E-09	6.87E-10	1.05E-09	1.67E-09	2.95E-10	7.91E-10	7.74E-09
3479	488363.09	3849377.25	1.10E-05	1.26E-05	5.95E-06	3.81E-09	1.15E-08	6.65E-09	7.66E-09	6.94E-09	3.17E-09	1.49E-09	1.27E-10	3.07E-09	6.77E-10	1.04E-09	1.65E-09	2.91E-10	7.82E-10	7.64E-09
3480	488863.09	3849377.25	1.14E-05	1.31E-05	6.16E-06	3.94E-09	1.19E-08	6.88E-09	7.92E-09	7.18E-09	3.27E-09	1.54E-09	1.31E-10	3.17E-09	7.01E-10	1.07E-09	1.71E-09	3.01E-10	8.11E-10	7.90E-09
3481	489363.09	3849377.25	1.18E-05	1.36E-05	6.41E-06	4.09E-09	1.23E-08	7.15E-09	8.22E-09	7.45E-09	3.40E-09	1.61E-09	1.37E-10	3.30E-09	7.28E-10	1.12E-09	1.77E-09	3.12E-10	8.43E-10	8.20E-09
3482	489863.09	3849377.25	1.20E-05	1.38E-05	6.53E-06	4.17E-09	1.26E-08	7.28E-09	8.38E-09	7.60E-09	3.47E-09	1.64E-09	1.39E-10	3.36E-09	7.42E-10	1.14E-09	1.81E-09	3.18E-10	8.59E-10	8.36E-09
3483	490363.09	3849377.25	1.18E-05	1.36E-05	6.42E-06	4.10E-09	1.24E-08	7.17E-09	8.25E-09	7.47E-09	3.41E-09	1.61E-09	1.37E-10	3.31E-09	7.30E-10	1.12E-09	1.78E-09	3.13E-10	8.45E-10	8.23E-09
3484	490863.09	3849377.25	1.20E-05	1.38E-05	6.54E-06	4.17E-09	1.26E-08	7.29E-09	8.38E-09	7.60E-09	3.47E-09	1.64E-09	1.39E-10	3.36E-09	7.42E-10	1.14E-09	1.81E-09	3.18E-10	8.60E-10	8.37E-09
3485	491363.09	3849377.25	1.22E-05	1.40E-05	6.62E-06	4.22E-09	1.28E-08	7.38E-09	8.49E-09	7.70E-09	3.51E-09	1.66E-09	1.41E-10	3.41E-09	7.52E-10	1.15E-09	1.83E-09	3.22E-10	8.71E-10	8.47E-09
3486	491863.09	3849377.25	1.19E-05	1.37E-05	6.49E-06	4.14E-09	1.25E-08	7.24E-09	8.33E-09	7.55E-09	3.44E-09	1.63E-09	1.38E-10	3.34E-09	7.37E-10	1.13E-09	1.79E-09	3.16E-10	8.53E-10	8.31E-09
3487	492363.09	3849377.25	1.18E-05	1.36E-05	6.40E-06	4.09E-09	1.23E-08	7.14E-09	8.22E-09	7.45E-09	3.40E-09	1.60E-09	1.36E-10	3.30E-09	7.27E-10	1.12E-09	1.77E-09	3.12E-10	8.42E-10	8.20E-09
3488	492863.09	3849377.25	1.11E-05	1.28E-05	6.06E-06	3.86E-09	1.17E-08	6.75E-09	7.77E-09	7.04E-09	3.21E-09	1.52E-09	1.29E-10	3.12E-09	6.88E-10	1.05E-09	1.67E-09	2.95E-10	7.97E-10	7.75E-09
3489	493363.09	3849377.25	1.14E-05	1.31E-05	6.20E-06	3.95E-09	1.19E-08	6.91E-09	7.95E-09	7.21E-09	3.29E-09	1.55E-09	1.32E-10	3.19E-09	7.04E-10	1.08E-09	1.71E-09	3.02E-10	8.15E-10	7.93E-09
3490	493863.09	3849377.25	1.19E-05	1.37E-05	6.46E-06	4.13E-09	1.25E-08	7.21E-09	8.30E-09	7.52E-09	3.43E-09	1.62E-09	1.38E-10	3.33E-09	7.34E-10	1.13E-09	1.79E-09	3.15E-10	8.50E-10	8.28E-09

3491	494363.09	3849377.25	1.30E-05	1.50E-05	7.07E-06	4.52E-09	1.36E-08	7.90E-09	9.09E-09	8.24E-09	3.76E-09	1.77E-09	1.51E-10	3.65E-09	8.05E-10	1.23E-09	1.96E-09	3.45E-10	9.30E-10	9.07E-09
3492	494863.09	3849377.25	1.56E-05	1.79E-05	8.42E-06	5.40E-09	1.63E-08	9.44E-09	1.09E-08	9.85E-09	4.49E-09	2.11E-09	1.80E-10	4.36E-09	9.61E-10	1.48E-09	2.34E-09	4.12E-10	1.11E-09	1.08E-08
3493	495363.09	3849377.25	1.72E-05	1.98E-05	9.29E-06	5.96E-09	1.80E-08	1.04E-08	1.20E-08	1.09E-08	4.96E-09	2.33E-09	1.99E-10	4.81E-09	1.06E-09	1.63E-09	2.59E-09	4.56E-10	1.22E-09	1.20E-08
3494	495863.09	3849377.25	1.52E-05	1.75E-05	8.25E-06	5.27E-09	1.59E-08	9.21E-09	1.06E-08	9.61E-09	4.39E-09	2.07E-09	1.76E-10	4.25E-09	9.38E-10	1.44E-09	2.28E-09	4.02E-10	1.08E-09	1.06E-08
3495	496363.09	3849377.25	1.58E-05	1.82E-05	8.56E-06	5.47E-09	1.65E-08	9.56E-09	1.10E-08	9.98E-09	4.55E-09	2.15E-09	1.83E-10	4.41E-09	9.74E-10	1.49E-09	2.37E-09	4.18E-10	1.13E-09	1.10E-08
3496	496863.09	3849377.25	2.10E-05	2.42E-05	1.13E-05	7.29E-09	2.20E-08	1.27E-08	1.47E-08	1.33E-08	6.07E-09	2.84E-09	2.43E-10	5.88E-09	1.30E-09	1.99E-09	3.16E-09	5.57E-10	1.49E-09	1.46E-08
3497	497363.09	3849377.25	2.38E-05	2.74E-05	1.28E-05	8.25E-09	2.49E-08	1.44E-08	1.66E-08	1.51E-08	6.87E-09	3.21E-09	2.75E-10	6.65E-09	1.47E-09	2.26E-09	3.58E-09	6.31E-10	1.68E-09	1.65E-08
3498	497863.09	3849377.25	3.14E-05	3.62E-05	1.67E-05	1.09E-08	3.28E-08	1.90E-08	2.19E-08	1.99E-08	9.06E-09	4.20E-09	3.63E-10	8.77E-09	1.93E-09	2.97E-09	4.72E-09	8.32E-10	2.20E-09	2.18E-08
3499	498363.09	3849377.25	3.15E-05	3.63E-05	1.68E-05	1.09E-08	3.29E-08	1.91E-08	2.20E-08	1.99E-08	9.10E-09	4.21E-09	3.64E-10	8.80E-09	1.94E-09	2.99E-09	4.74E-09	8.35E-10	2.21E-09	2.19E-08
3500	471363.09	3849877.25	2.11E-05	2.44E-05	1.11E-05	7.31E-09	2.21E-08	1.28E-08	1.48E-08	1.34E-08	6.11E-09	2.79E-09	2.44E-10	5.90E-09	1.30E-09	2.01E-09	3.18E-09	5.61E-10	1.46E-09	1.47E-08
3501	471863.09	3849877.25	2.38E-05	2.75E-05	1.25E-05	8.25E-09	2.49E-08	1.44E-08	1.67E-08	1.51E-08	6.90E-09	3.14E-09	2.76E-10	6.66E-09	1.47E-09	2.26E-09	3.59E-09	6.33E-10	1.65E-09	1.65E-08
3502	472363.09	3849877.25	2.59E-05	2.99E-05	1.36E-05	8.97E-09	2.71E-08	1.57E-08	1.81E-08	1.64E-08	7.50E-09	3.41E-09	2.99E-10	7.23E-09	1.60E-09	2.46E-09	3.90E-09	6.88E-10	1.79E-09	1.80E-08
3503	472863.09	3849877.25	2.77E-05	3.21E-05	1.46E-05	9.61E-09	2.90E-08	1.68E-08	1.94E-08	1.76E-08	8.03E-09	3.65E-09	3.21E-10	7.75E-09	1.71E-09	2.64E-09	4.18E-09	7.37E-10	1.92E-09	1.93E-08
3504	473363.09	3849877.25	3.00E-05	3.47E-05	1.58E-05	1.04E-08	3.14E-08	1.82E-08	2.10E-08	1.91E-08	8.70E-09	3.96E-09	3.48E-10	8.40E-09	1.85E-09	2.86E-09	4.53E-09	7.99E-10	2.08E-09	2.09E-08
3505	473863.09	3849877.25	3.32E-05	3.84E-05	1.74E-05	1.15E-08	3.47E-08	2.01E-08	2.32E-08	2.11E-08	9.61E-09	4.36E-09	3.84E-10	9.27E-09	2.05E-09	3.16E-09	5.01E-09	8.82E-10	2.29E-09	2.30E-08
3506	474363.09	3849877.25	3.62E-05	4.18E-05	1.90E-05	1.25E-08	3.78E-08	2.19E-08	2.53E-08	2.30E-08	1.05E-08	4.75E-09	4.19E-10	1.01E-08	2.23E-09	3.44E-09	5.46E-09	9.62E-10	2.50E-09	2.51E-08
3507	474863.09	3849877.25	3.80E-05	4.39E-05	1.99E-05	1.32E-08	3.97E-08	2.30E-08	2.66E-08	2.41E-08	1.10E-08	4.99E-09	4.39E-10	1.06E-08	2.34E-09	3.61E-09	5.73E-09	1.01E-09	2.62E-09	2.64E-08
3508	475363.09	3849877.25	3.86E-05	4.47E-05	2.03E-05	1.34E-08	4.04E-08	2.34E-08	2.71E-08	2.45E-08	1.12E-08	5.08E-09	4.47E-10	1.08E-08	2.38E-09	3.68E-09	5.83E-09	1.03E-09	2.66E-09	2.68E-08
3509	475863.09	3849877.25	3.90E-05	4.51E-05	2.04E-05	1.35E-08	4.08E-08	2.36E-08	2.73E-08	2.48E-08	1.13E-08	5.12E-09	4.51E-10	1.09E-08	2.40E-09	3.71E-09	5.88E-09	1.04E-09	2.69E-09	2.71E-08
3510	476363.09	3849877.25	3.90E-05	4.52E-05	2.05E-05	1.35E-08	4.09E-08	2.36E-08	2.74E-08	2.48E-08	1.13E-08	5.13E-09	4.52E-10	1.09E-08	2.41E-09	3.71E-09	5.89E-09	1.04E-09	2.69E-09	2.71E-08
3511	476863.09	3849877.25	3.90E-05	4.52E-05	2.05E-05	1.35E-08	4.09E-08	2.36E-08	2.74E-08	2.48E-08	1.13E-08	5.13E-09	4.52E-10	1.09E-08	2.41E-09	3.71E-09	5.89E-09	1.04E-09	2.69E-09	2.71E-08
3512	477363.09	3849877.25	3.87E-05	4.48E-05	2.03E-05	1.34E-08	4.05E-08	2.35E-08	2.72E-08	2.46E-08	1.12E-08	5.09E-09	4.48E-10	1.08E-08	2.39E-09	3.69E-09	5.85E-09	1.03E-09	2.67E-09	2.69E-08
3513	477863.09	3849877.25	3.72E-05	4.30E-05	1.95E-05	1.29E-08	3.89E-08	2.25E-08	2.60E-08	2.36E-08	1.08E-08	4.89E-09	4.30E-10	1.04E-08	2.29E-09	3.54E-09	5.61E-09	9.89E-10	2.57E-09	2.58E-08
3514	478363.09	3849877.25	3.55E-05	4.10E-05	1.86E-05	1.23E-08	3.71E-08	2.15E-08	2.48E-08	2.25E-08	1.03E-08	4.67E-09	4.10E-10	9.91E-09	2.19E-09	3.37E-09	5.35E-09	9.43E-10	2.45E-09	2.46E-08
3515	478863.09	3849877.25	4.25E-05	4.91E-05	2.23E-05	1.47E-08	4.45E-08	2.57E-08	2.98E-08	2.70E-08	1.23E-08	5.58E-09	4.92E-10	1.19E-08	2.62E-09	4.04E-09	6.41E-09	1.13E-09	2.93E-09	2.95E-08
3516	479363.09	3849877.25	5.69E-05	6.58E-05	2.98E-05	1.97E-08	5.95E-08	3.44E-08	3.99E-08	3.61E-08	1.65E-08	7.45E-09	6.58E-10	1.59E-08	3.51E-09	5.41E-09	8.59E-09	1.51E-09	3.91E-09	3.95E-08
3517	479863.09	3849877.25	6.24E-05	7.22E-05	3.26E-05	2.16E-08	6.53E-08	3.78E-08	4.37E-08	3.97E-08	1.81E-08	8.18E-09	7.22E-10	1.74E-08	3.85E-09	5.94E-09	9.42E-09	1.66E-09	4.29E-09	4.33E-08
3518	480363.09	3849877.25	5.11E-05	5.91E-05	2.68E-05	1.77E-08	5.34E-08	3.09E-08	3.58E-08	3.24E-08	1.48E-08	6.71E-09	5.91E-10	1.43E-08	3.15E-09	4.86E-09	7.71E-09	1.36E-09	3.52E-09	3.55E-08
3519	480863.09	3849877.25	3.62E-05	4.19E-05	1.91E-05	1.26E-08	3.79E-08	2.19E-08	2.54E-08	2.30E-08	1.05E-08	4.78E-09	4.19E-10	1.01E-08	2.23E-09	3.44E-09	5.46E-09	9.63E-10	2.51E-09	2.52E-08
3520	481363.09	3849877.25	3.20E-05	3.69E-05	1.69E-05	1.11E-08	3.34E-08	1.94E-08	2.24E-08	2.03E-08	9.25E-09	4.23E-09	3.70E-10	8.93E-09	1.97E-09	3.04E-09	4.82E-09	8.49E-10	2.22E-09	2.22E-08
3521	481863.09	3849877.25	1.99E-05	2.29E-05	1.06E-05	6.88E-09	2.08E-08	1.20E-08	1.39E-08	1.26E-08	5.75E-09	2.64E-09	2.30E-10	5.55E-09	1.23E-09	1.89E-09	2.99E-09	5.27E-10	1.39E-09	1.38E-08
3522	482363.09	3849877.25	1.62E-05	1.87E-05	8.65E-06	5.62E-09	1.70E-08	9.82E-09	1.13E-08	1.03E-08	4.69E-09	2.17E-09	1.88E-10	4.53E-09	1.00E-09	1.54E-09	2.44E-09	4.30E-10	1.14E-09	1.13E-08
3523	482863.09	3849877.25	1.38E-05	1.59E-05	7.38E-06	4.77E-09	1.44E-08	8.34E-09	9.62E-09	8.72E-09	3.98E-09	1.85E-09	1.59E-10	3.85E-09	8.50E-10	1.31E-09	2.07E-09	3.65E-10	9.70E-10	9.57E-09
3524	483363.09	3849877.25	1.22E-05	1.40E-05	6.54E-06	4.21E-09	1.27E-08	7.37E-09	8.49E-09	7.69E-09	3.51E-09	1.64E-09	1.41E-10	3.40E-09	7.50E-10	1.15E-09	1.83E-09	3.22E-10	8.60E-10	8.45E-09
3525	483863.09	3849877.25	1.23E-05	1.41E-05	6.60E-06	4.25E-09	1.28E-08	7.42E-09	8.55E-09	7.75E-09	3.54E-09	1.65E-09	1.42E-10	3.43E-09	7.56E-10	1.16E-09	1.84E-09	3.25E-10	8.68E-10	8.52E-09
3526	484363.09	3849877.25	1.63E-05	1.88E-05	8.71E-06	5.64E-09	1.70E-08	9.86E-09	1.14E-08	1.03E-08	4.70E-09	2.18E-09	1.88E-10	4.55E-09	1.00E-09	1.54E-09	2.45E-09	4.31E-10	1.15E-09	1.13E-08
3527	484863.09	3849877.25	2.14E-05	2.47E-05	1.14E-05	7.42E-09	2.24E-08	1.30E-08	1.50E-08	1.36E-08	6.19E-09	2.86E-09	2.48E-10	5.99E-09	1.32E-09	2.03E-09	3.22E-09	5.68E-10	1.50E-09	1.49E-08
3528	485363.09	3849877.25	1.90E-05	2.19E-05	1.02E-05	6.59E-09	1.99E-08	1.15E-08	1.33E-08	1.20E-08	5.49E-09	2.55E-09	2.20E-10	5.31E-09	1.17E-09	1.80E-09	2.86E-09	5.04E-10	1.34E-09	1.32E-08
3529	485863.09	3849877.25	1.50E-05	1.72E-05	8.09E-06	5.18E-09	1.57E-08	9.06E-09	1.04E-08	9.46E-09	4.32E-09	2.03E-09	1.73E-10	4.18E-09	9.23E-10	1.42E-09	2.25E-09	3.96E-10	1.06E-09	1.04E-08
3530	486363.09	3849877.25	1.34E-05	1.54E-05	7.23E-06	4.63E-09	1.40E-08	8.10E-09	9.32E-09	8.45E-09	3.85E-09	1.81E-09	1.55E-10	3.74E-09	8.24E-10	1.27E-09	2.01E-09	3.54E-10	9.51E-10	9.29E-09
3531	486863.09	3849877.25	1.45E-05	1.67E-05	7.80E-06	5.02E-09	1.52E-08	8.78E-09	1.01E-08	9.17E-09	4.18E-09	1.95E-09	1.68E-10	4.05E-09	8.94E-10	1.37E-09	2.18E-09	3.84E-10	1.03E-09	1.01E-08
3532	487363.09	3849877.25	1.37E-05	1.58E-05	7.38E-06	4.76E-09	1.44E-08	8.31E-09	9.58E-09	8.68E-09	3.96E-09	1.85E-09	1.59E-10	3.84E-09	8.47E-10	1.30E-09	2.06E-09	3.64E-10	9.71E-10	9.54E-09
3533	487863.09	3849877.25	1.33E-05	1.53E-05	7.14E-06	4.60E-09	1.39E-08	8.04E-09	9.27E-09	8.40E-09	3.83E-09	1.79E-09	1.54E-10	3.71E-09	8.19E-10	1.26E-09	2.00E-09	3.52E-10	9.40E-10	9.23E-09
3534	488363.09	3849877.25	1.33E-05	1.54E-05	7.20E-06	4.62E-09	1.40E-08	8.08E-09	9.31E-09	8.44E-09	3.85E-09	1.80E-09	1.54E-10	3.73E-09	8.23E-10	1.26E-09	2.01E-09	3.53E-10	9.46E-10	9.28E-09
3535	488863.09	3849877.25	1.40E-05	1.61E-05	7.57E-06	4.86E-09	1.47E-08	8.49E-09	9.78E-09	8.86E-09	4.04E-09	1.90E-09	1.62E-10	3.92E-09	8.65E-10	1.33E-09	2.11E-09	3.71E-10	9.95E-10	9.75E-09
3536	489363.09	3849877.25	1.44E-05	1.66E-05	7.80E-06	5.00E-09	1.51E-08	8.74E-09	1.01E-08	9.12E-09	4.16E-09	1.95E-09	1.67E-10	4.03E-09	8.90E-10	1.37E-09	2.17E-09	3.82E-10	1.03E-09	1.00E-08
3537	489863.09	3849877.25	1.44E-05	1.66E-05	7.79E-06	4.99E-09	1.51E-08	8.72E-09	1.00E-08	9.10E-09	4.15E-09	1.95E-09	1.67E-10	4.02E-09	8.88E-10	1.36E-09	2.16E-09	3.81E-10	1.02E-09	1.00E-08
3538	490363.09	3849877.25	1.43E-05	1.64E-05	7.71E-06	4.94E-09	1.49E-08	8.63E-09	9.94E-09	9.01E-09	4.11E-09	1.93E-09	1.65E-10	3.98E-09	8.79E-10	1.35E-09	2.14E-09	3.77E-10	1.01E-09	9.91E-09
3539	490863.09	3849877.25	1.46E-05	1.68E-05	7.92E-06	5.07E-09	1.53E-08	8.86E-09	1.02E-08	9.25E-09	4.22E-09	1.98E-09	1.69E-10	4.09E-09	9.03E-10	1.39E-09	2.20E-09	3.87E-10	1.04E-09	1.02E-08
3540	491363.09	3849877.25	1.49E-05	1.71E-05	8.03E-06	5.15E-09	1.55E-08	9.00E-09	1.04E-08	9.39E-09	4.28E-09	2.01E-09	1.72E-10	4.15E-09	9.16E-10	1.41E-09	2.23E-09	3.93E-10	1.06E-09	1.03E-08
3541	491863.09	3849877.25	1.45E-05	1.67E-05	7.84E-06	5.02E-09	1.52E-08	8.78E-09	1.01E-08	9.16E-09	4.18E-09	1.96E-09	1.68E-10	4.05E-09	8.94E-10	1.37E-09	2.18E-09	3.84E-10	1.03E-09	1.01E-08
3542	492363.09	3849877.25	1.47E-05	1.69E-05	7.95E-06	5.10E-09	1.54E-08	8.91E-09	1.03E-08	9.30E-09	4.24E-09	1.99E-09	1.70E-10	4.11E-09	9.07E-10	1.39E-09	2.21E-09	3.90E-10	1.04E-09	1.02E-08
3543	492863.09	3849877.25	1.45E-05	1.66E-05	7.81E-06	5.01E-09	1.51E-08	8.76E-09	1.01E-08	9.14E-09	4.17E-09	1.96E-09	1.67E-10	4.04E-09	8.92E-10	1.37E-09	2.17E-09	3.83E-10	1.03E-09	1.01E-08

3544	493363.09	3849877.25	1.42E-05	1.63E-05	7.68E-06	4.92E-09	1.49E-08	8.60E-09	9.90E-09	8.98E-09	4.10E-09	1.93E-09	1.64E-10	3.97E-09	8.76E-10	1.34E-09	2.13E-09	3.76E-10	1.01E-09	9.87E-09
3545	493863.09	3849877.25	1.47E-05	1.69E-05	7.93E-06	5.08E-09	1.53E-08	8.88E-09	1.02E-08	9.27E-09	4.23E-09	1.99E-09	1.70E-10	4.10E-09	9.04E-10	1.39E-09	2.20E-09	3.88E-10	1.04E-09	1.02E-08
3546	494363.09	3849877.25	1.83E-05	2.11E-05	9.85E-06	6.33E-09	1.91E-08	1.11E-08	1.28E-08	1.16E-08	5.27E-09	2.47E-09	2.11E-10	5.11E-09	1.13E-09	1.73E-09	2.75E-09	4.84E-10	1.30E-09	1.27E-08
3547	494863.09	3849877.25	2.14E-05	2.47E-05	1.15E-05	7.43E-09	2.24E-08	1.30E-08	1.50E-08	1.36E-08	6.19E-09	2.89E-09	2.48E-10	5.99E-09	1.32E-09	2.03E-09	3.22E-09	5.68E-10	1.52E-09	1.49E-08
3548	495363.09	3849877.25	2.04E-05	2.34E-05	1.10E-05	7.05E-09	2.13E-08	1.23E-08	1.42E-08	1.29E-08	5.87E-09	2.75E-09	2.36E-10	5.69E-09	1.26E-09	1.93E-09	3.06E-09	5.39E-10	1.44E-09	1.41E-08
3549	495863.09	3849877.25	2.42E-05	2.79E-05	1.30E-05	8.38E-09	2.53E-08	1.46E-08	1.69E-08	1.53E-08	6.98E-09	3.26E-09	2.80E-10	6.76E-09	1.49E-09	2.29E-09	3.64E-09	6.41E-10	1.71E-09	1.68E-08
3550	496363.09	3849877.25	2.67E-05	3.07E-05	1.43E-05	9.24E-09	2.79E-08	1.61E-08	1.86E-08	1.69E-08	7.70E-09	3.58E-09	3.08E-10	7.45E-09	1.64E-09	2.53E-09	4.01E-09	7.06E-10	1.88E-09	1.85E-08
3551	496863.09	3849877.25	2.88E-05	3.32E-05	1.54E-05	9.97E-09	3.01E-08	1.74E-08	2.01E-08	1.82E-08	8.31E-09	3.86E-09	3.33E-10	8.04E-09	1.77E-09	2.73E-09	4.33E-09	7.63E-10	2.03E-09	2.00E-08
3552	497363.09	3849877.25	3.51E-05	4.05E-05	1.87E-05	1.22E-08	3.67E-08	2.12E-08	2.45E-08	2.22E-08	1.01E-08	4.69E-09	4.06E-10	9.80E-09	2.16E-09	3.33E-09	5.28E-09	9.30E-10	2.46E-09	2.44E-08
3553	497863.09	3849877.25	3.85E-05	4.44E-05	2.05E-05	1.33E-08	4.02E-08	2.33E-08	2.69E-08	2.44E-08	1.11E-08	5.13E-09	4.45E-10	1.08E-08	2.37E-09	3.65E-09	5.79E-09	1.02E-09	2.69E-09	2.67E-08
3554	498363.09	3849877.25	3.83E-05	4.42E-05	2.04E-05	1.33E-08	4.01E-08	2.32E-08	2.68E-08	2.43E-08	1.11E-08	5.11E-09	4.43E-10	1.07E-08	2.36E-09	3.64E-09	5.77E-09	1.02E-09	2.68E-09	2.66E-08
3555	471363.09	3850377.25	1.89E-05	2.18E-05	1.00E-05	6.55E-09	1.98E-08	1.14E-08	1.32E-08	1.20E-08	5.47E-09	2.51E-09	2.19E-10	5.28E-09	1.17E-09	1.79E-09	2.85E-09	5.02E-10	1.32E-09	1.31E-08
3556	471863.09	3850377.25	2.26E-05	2.61E-05	1.19E-05	7.82E-09	2.36E-08	1.37E-08	1.58E-08	1.43E-08	6.53E-09	2.99E-09	2.61E-10	6.31E-09	1.39E-09	2.14E-09	3.40E-09	6.00E-10	1.57E-09	1.57E-08
3557	472363.09	3850377.25	2.45E-05	2.83E-05	1.29E-05	8.48E-09	2.56E-08	1.48E-08	1.71E-08	1.55E-08	7.09E-09	3.23E-09	2.83E-10	6.84E-09	1.51E-09	2.33E-09	3.69E-09	6.50E-10	1.70E-09	1.70E-08
3558	472863.09	3850377.25	2.74E-05	3.17E-05	1.44E-05	9.51E-09	2.87E-08	1.66E-08	1.92E-08	1.74E-08	7.95E-09	3.62E-09	3.18E-10	7.67E-09	1.69E-09	2.61E-09	4.14E-09	7.30E-10	1.90E-09	1.91E-08
3559	473363.09	3850377.25	2.91E-05	3.36E-05	1.53E-05	1.01E-08	3.05E-08	1.76E-08	2.04E-08	1.85E-08	8.43E-09	3.83E-09	3.37E-10	8.13E-09	1.80E-09	2.77E-09	4.39E-09	7.74E-10	2.01E-09	2.02E-08
3560	473863.09	3850377.25	3.14E-05	3.63E-05	1.65E-05	1.09E-08	3.29E-08	1.90E-08	2.20E-08	2.00E-08	9.10E-09	4.14E-09	3.64E-10	8.78E-09	1.94E-09	2.99E-09	4.74E-09	8.35E-10	2.17E-09	2.18E-08
3561	474363.09	3850377.25	3.45E-05	3.99E-05	1.81E-05	1.19E-08	3.61E-08	2.09E-08	2.42E-08	2.19E-08	9.99E-09	4.54E-09	3.99E-10	9.64E-09	2.13E-09	3.28E-09	5.20E-09	9.17E-10	2.38E-09	2.39E-08
3562	474863.09	3850377.25	3.81E-05	4.41E-05	2.00E-05	1.32E-08	3.99E-08	2.31E-08	2.67E-08	2.42E-08	1.10E-08	5.01E-09	4.41E-10	1.06E-08	2.35E-09	3.62E-09	5.75E-09	1.01E-09	2.63E-09	2.65E-08
3563	475363.09	3850377.25	4.14E-05	4.79E-05	2.17E-05	1.43E-08	4.33E-08	2.51E-08	2.90E-08	2.63E-08	1.20E-08	5.44E-09	4.79E-10	1.16E-08	2.55E-09	3.94E-09	6.24E-09	1.10E-09	2.85E-09	2.87E-08
3564	475863.09	3850377.25	4.34E-05	5.03E-05	2.28E-05	1.51E-08	4.55E-08	2.63E-08	3.04E-08	2.76E-08	1.26E-08	5.71E-09	5.03E-10	1.21E-08	2.68E-09	4.13E-09	6.56E-09	1.16E-09	2.99E-09	3.02E-08
3565	476363.09	3850377.25	4.43E-05	5.13E-05	2.32E-05	1.54E-08	4.64E-08	2.68E-08	3.11E-08	2.82E-08	1.28E-08	5.82E-09	5.13E-10	1.24E-08	2.73E-09	4.22E-09	6.69E-09	1.18E-09	3.05E-09	3.08E-08
3566	476863.09	3850377.25	4.46E-05	5.16E-05	2.34E-05	1.55E-08	4.67E-08	2.70E-08	3.13E-08	2.83E-08	1.29E-08	5.86E-09	5.16E-10	1.25E-08	2.75E-09	4.25E-09	6.73E-09	1.19E-09	3.07E-09	3.10E-08
3567	477363.09	3850377.25	4.48E-05	5.18E-05	2.35E-05	1.55E-08	4.68E-08	2.71E-08	3.14E-08	2.84E-08	1.30E-08	5.88E-09	5.18E-10	1.25E-08	2.76E-09	4.26E-09	6.76E-09	1.19E-09	3.09E-09	3.11E-08
3568	477863.09	3850377.25	4.46E-05	5.16E-05	2.34E-05	1.55E-08	4.67E-08	2.70E-08	3.13E-08	2.83E-08	1.29E-08	5.86E-09	5.16E-10	1.25E-08	2.75E-09	4.25E-09	6.73E-09	1.19E-09	3.08E-09	3.10E-08
3569	478363.09	3850377.25	4.32E-05	4.99E-05	2.26E-05	1.50E-08	4.52E-08	2.61E-08	3.02E-08	2.74E-08	1.25E-08	5.67E-09	4.99E-10	1.21E-08	2.66E-09	4.11E-09	6.51E-09	1.15E-09	2.98E-09	3.00E-08
3570	478863.09	3850377.25	4.20E-05	4.86E-05	2.20E-05	1.46E-08	4.39E-08	2.54E-08	2.94E-08	2.67E-08	1.22E-08	5.52E-09	4.86E-10	1.17E-08	2.59E-09	3.99E-09	6.34E-09	1.12E-09	2.90E-09	2.92E-08
3571	479363.09	3850377.25	4.89E-05	5.66E-05	2.56E-05	1.69E-08	5.12E-08	2.96E-08	3.43E-08	3.11E-08	1.42E-08	6.42E-09	5.66E-10	1.37E-08	3.02E-09	4.65E-09	7.38E-09	1.30E-09	3.37E-09	3.40E-08
3572	479863.09	3850377.25	6.59E-05	7.63E-05	3.45E-05	2.28E-08	6.90E-08	3.99E-08	4.62E-08	4.19E-08	1.91E-08	8.63E-09	7.63E-10	1.84E-08	4.06E-09	6.27E-09	9.95E-09	1.75E-09	4.53E-09	4.58E-08
3573	480363.09	3850377.25	7.17E-05	8.30E-05	3.75E-05	2.48E-08	7.50E-08	4.34E-08	5.03E-08	4.56E-08	2.08E-08	9.39E-09	8.30E-10	2.00E-08	4.42E-09	6.82E-09	1.08E-08	1.91E-09	4.93E-09	4.98E-08
3574	480863.09	3850377.25	6.20E-05	7.18E-05	3.25E-05	2.15E-08	6.49E-08	3.76E-08	4.35E-08	3.94E-08	1.80E-08	8.14E-09	7.18E-10	1.73E-08	3.83E-09	5.90E-09	9.36E-09	1.65E-09	4.27E-09	4.31E-08
3575	481363.09	3850377.25	3.94E-05	4.55E-05	2.07E-05	1.36E-08	4.12E-08	2.38E-08	2.76E-08	2.50E-08	1.14E-08	5.19E-09	4.56E-10	1.10E-08	2.43E-09	3.74E-09	5.94E-09	1.05E-09	2.73E-09	2.73E-08
3576	481863.09	3850377.25	3.63E-05	4.20E-05	1.92E-05	1.26E-08	3.80E-08	2.20E-08	2.54E-08	2.31E-08	1.05E-08	4.81E-09	4.21E-10	1.02E-08	2.24E-09	3.45E-09	5.48E-09	9.66E-10	2.52E-09	2.52E-08
3577	482363.09	3850377.25	3.22E-05	3.73E-05	1.70E-05	1.12E-08	3.37E-08	1.95E-08	2.26E-08	2.05E-08	9.34E-09	4.27E-09	3.73E-10	9.01E-09	1.99E-09	3.06E-09	4.86E-09	8.57E-10	2.24E-09	2.24E-08
3578	482863.09	3850377.25	2.12E-05	2.45E-05	1.13E-05	7.34E-09	2.22E-08	1.28E-08	1.48E-08	1.34E-08	6.13E-09	2.82E-09	2.45E-10	5.92E-09	1.31E-09	2.01E-09	3.19E-09	5.62E-10	1.48E-09	1.47E-08
3579	483363.09	3850377.25	1.66E-05	1.91E-05	8.85E-06	5.74E-09	1.73E-08	1.00E-08	1.16E-08	1.05E-08	4.79E-09	2.22E-09	1.92E-10	4.63E-09	1.02E-09	1.57E-09	2.49E-09	4.39E-10	1.16E-09	1.15E-08
3580	483863.09	3850377.25	1.77E-05	2.04E-05	9.43E-06	6.12E-09	1.85E-08	1.07E-08	1.23E-08	1.12E-08	5.11E-09	2.36E-09	2.04E-10	4.94E-09	1.09E-09	1.68E-09	2.66E-09	4.68E-10	1.24E-09	1.23E-08
3581	484363.09	3850377.25	2.20E-05	2.54E-05	1.17E-05	7.62E-09	2.30E-08	1.33E-08	1.54E-08	1.39E-08	6.36E-09	2.93E-09	2.54E-10	6.14E-09	1.36E-09	2.09E-09	3.31E-09	5.83E-10	1.54E-09	1.53E-08
3582	484863.09	3850377.25	2.60E-05	3.01E-05	1.38E-05	9.02E-09	2.72E-08	1.58E-08	1.82E-08	1.65E-08	7.53E-09	3.46E-09	3.01E-10	7.28E-09	1.61E-09	2.47E-09	3.92E-09	6.91E-10	1.82E-09	1.81E-08
3583	485363.09	3850377.25	2.42E-05	2.79E-05	1.29E-05	8.39E-09	2.53E-08	1.47E-08	1.69E-08	1.53E-08	7.00E-09	3.24E-09	2.80E-10	6.77E-09	1.49E-09	2.30E-09	3.64E-09	6.42E-10	1.70E-09	1.68E-08
3584	485863.09	3850377.25	2.04E-05	2.35E-05	1.10E-05	7.08E-09	2.14E-08	1.24E-08	1.43E-08	1.29E-08	5.90E-09	2.75E-09	2.36E-10	5.71E-09	1.26E-09	1.94E-09	3.07E-09	5.41E-10	1.44E-09	1.42E-08
3585	486363.09	3850377.25	1.91E-05	2.20E-05	1.03E-05	6.61E-09	2.00E-08	1.16E-08	1.33E-08	1.21E-08	5.51E-09	2.57E-09	2.21E-10	5.33E-09	1.18E-09	1.81E-09	2.87E-09	5.05E-10	1.35E-09	1.33E-08
3586	486863.09	3850377.25	1.83E-05	2.11E-05	9.85E-06	6.36E-09	1.92E-08	1.11E-08	1.28E-08	1.16E-08	5.30E-09	2.47E-09	2.12E-10	5.13E-09	1.13E-09	1.74E-09	2.76E-09	4.86E-10	1.29E-09	1.28E-08
3587	487363.09	3850377.25	1.67E-05	1.93E-05	8.97E-06	5.79E-09	1.75E-08	1.01E-08	1.17E-08	1.06E-08	4.83E-09	2.25E-09	1.94E-10	4.67E-09	1.03E-09	1.59E-09	2.51E-09	4.43E-10	1.18E-09	1.16E-08
3588	487863.09	3850377.25	1.63E-05	1.88E-05	8.76E-06	5.66E-09	1.71E-08	9.90E-09	1.14E-08	1.03E-08	4.72E-09	2.20E-09	1.89E-10	4.57E-09	1.01E-09	1.55E-09	2.46E-09	4.33E-10	1.15E-09	1.14E-08
3589	488363.09	3850377.25	1.67E-05	1.93E-05	8.99E-06	5.80E-09	1.75E-08	1.01E-08	1.17E-08	1.06E-08	4.84E-09	2.25E-09	1.94E-10	4.68E-09	1.03E-09	1.59E-09	2.52E-09	4.44E-10	1.18E-09	1.16E-08
3590	488863.09	3850377.25	1.76E-05	2.02E-05	9.44E-06	6.09E-09	1.84E-08	1.06E-08	1.23E-08	1.11E-08	5.07E-09	2.37E-09	2.03E-10	4.91E-09	1.08E-09	1.67E-09	2.64E-09	4.66E-10	1.24E-09	1.22E-08
3591	489363.09	3850377.25	1.77E-05	2.04E-05	9.54E-06	6.14E-09	1.85E-08	1.07E-08	1.24E-08	1.12E-08	5.12E-09	2.39E-09	2.05E-10	4.95E-09	1.09E-09	1.68E-09	2.66E-09	4.69E-10	1.25E-09	1.23E-08
3592	489863.09	3850377.25	1.77E-05	2.03E-05	9.52E-06	6.12E-09	1.85E-08	1.07E-08	1.23E-08	1.12E-08	5.10E-09	2.38E-09	2.04E-10	4.94E-09	1.09E-09	1.67E-09	2.65E-09	4.68E-10	1.25E-09	1.23E-08
3593	490363.09	3850377.25	1.80E-05	2.07E-05	9.70E-06	6.24E-09	1.88E-08	1.09E-08	1.26E-08	1.14E-08	5.20E-09	2.43E-09	2.08E-10	5.03E-09	1.11E-09	1.71E-09	2.71E-09	4.77E-10	1.28E-09	1.25E-08
3594	490863.09	3850377.25	1.82E-05	2.09E-05	9.79E-06	6.29E-09	1.90E-08	1.10E-08	1.27E-08	1.15E-08	5.24E-09	2.45E-09	2.10E-10	5.08E-09	1.12E-09	1.72E-09	2.73E-09	4.81E-10	1.29E-09	1.26E-08
3595	491363.09	3850377.25	1.86E-05	2.15E-05	1.00E-05	6.46E-09	1.95E-08	1.13E-08	1.30E-08	1.18E-08	5.38E-09	2.51E-09	2.16E-10	5.21E-09	1.15E-09	1.77E-09	2.80E-09	4.94E-10	1.32E-09	1.30E-08
3596	491863.09	3850377.25	1.85E-05	2.14E-05	9.97E-06	6.42E-09	1.94E-08	1.12E-08	1.29E-08	1.17E-08	5.35E-09	2.50E-09	2.15E-10	5.18E-09	1.14E-09	1.76E-09	2.79E-09	4.91E-10	1.31E-09	1.29E-08

3597	492363.09	3850377.25	1.83E-05	2.11E-05	9.87E-06	6.36E-09	1.92E-08	1.11E-08	1.28E-08	1.16E-08	5.30E-09	2.47E-09	2.12E-10	5.13E-09	1.13E-09	1.74E-09	2.76E-09	4.86E-10	1.30E-09	1.28E-08
3598	492863.09	3850377.25	1.88E-05	2.16E-05	1.01E-05	6.50E-09	1.96E-08	1.14E-08	1.31E-08	1.19E-08	5.42E-09	2.53E-09	2.17E-10	5.25E-09	1.16E-09	1.78E-09	2.82E-09	4.97E-10	1.33E-09	1.30E-08
3599	493363.09	3850377.25	1.90E-05	2.19E-05	1.02E-05	6.57E-09	1.99E-08	1.15E-08	1.32E-08	1.20E-08	5.48E-09	2.56E-09	2.20E-10	5.30E-09	1.17E-09	1.80E-09	2.85E-09	5.03E-10	1.34E-09	1.32E-08
3600	493863.09	3850377.25	2.16E-05	2.49E-05	1.16E-05	7.49E-09	2.26E-08	1.31E-08	1.51E-08	1.37E-08	6.24E-09	2.91E-09	2.50E-10	6.04E-09	1.33E-09	2.05E-09	3.25E-09	5.73E-10	1.53E-09	1.50E-08
3601	494363.09	3850377.25	2.41E-05	2.78E-05	1.29E-05	8.35E-09	2.52E-08	1.46E-08	1.68E-08	1.53E-08	6.96E-09	3.24E-09	2.79E-10	6.74E-09	1.49E-09	2.28E-09	3.62E-09	6.39E-10	1.70E-09	1.67E-08
3602	494863.09	3850377.25	2.80E-05	3.23E-05	1.50E-05	9.70E-09	2.93E-08	1.70E-08	1.96E-08	1.77E-08	8.09E-09	3.76E-09	3.24E-10	7.83E-09	1.73E-09	2.66E-09	4.21E-09	7.42E-10	1.97E-09	1.95E-08
3603	495363.09	3850377.25	3.29E-05	3.80E-05	1.76E-05	1.14E-08	3.45E-08	1.99E-08	2.30E-08	2.09E-08	9.52E-09	4.41E-09	3.81E-10	9.20E-09	2.03E-09	3.12E-09	4.96E-09	8.73E-10	2.31E-09	2.29E-08
3604	495863.09	3850377.25	3.31E-05	3.81E-05	1.77E-05	1.15E-08	3.46E-08	2.00E-08	2.31E-08	2.09E-08	9.56E-09	4.43E-09	3.83E-10	9.24E-09	2.04E-09	3.14E-09	4.98E-09	8.77E-10	2.33E-09	2.30E-08
3605	496363.09	3850377.25	3.82E-05	4.41E-05	2.04E-05	1.32E-08	4.00E-08	2.32E-08	2.67E-08	2.42E-08	1.11E-08	5.11E-09	4.42E-10	1.07E-08	2.36E-09	3.63E-09	5.75E-09	1.01E-09	2.68E-09	2.66E-08
3606	496863.09	3850377.25	4.33E-05	5.00E-05	2.30E-05	1.50E-08	4.53E-08	2.62E-08	3.03E-08	2.75E-08	1.25E-08	5.77E-09	5.01E-10	1.21E-08	2.67E-09	4.11E-09	6.52E-09	1.15E-09	3.03E-09	3.01E-08
3607	497363.09	3850377.25	4.62E-05	5.33E-05	2.45E-05	1.60E-08	4.83E-08	2.80E-08	3.23E-08	2.93E-08	1.34E-08	6.15E-09	5.35E-10	1.29E-08	2.85E-09	4.39E-09	6.96E-09	1.23E-09	3.23E-09	3.21E-08
3608	497863.09	3850377.25	4.68E-05	5.41E-05	2.49E-05	1.62E-08	4.90E-08	2.84E-08	3.27E-08	2.97E-08	1.35E-08	6.23E-09	5.42E-10	1.31E-08	2.89E-09	4.45E-09	7.05E-09	1.24E-09	3.27E-09	3.25E-08
3609	498363.09	3850377.25	4.71E-05	5.44E-05	2.51E-05	1.63E-08	4.93E-08	2.85E-08	3.29E-08	2.99E-08	1.36E-08	6.28E-09	5.45E-10	1.32E-08	2.91E-09	4.47E-09	7.10E-09	1.25E-09	3.30E-09	3.27E-08
3610	471363.09	3850877.25	2.49E-05	2.87E-05	1.31E-05	8.62E-09	2.60E-08	1.51E-08	1.74E-08	1.58E-08	7.20E-09	3.29E-09	2.88E-10	6.95E-09	1.53E-09	2.36E-09	3.75E-09	6.61E-10	1.73E-09	1.73E-08
3611	471863.09	3850877.25	2.62E-05	3.02E-05	1.38E-05	9.06E-09	2.74E-08	1.58E-08	1.83E-08	1.66E-08	7.57E-09	3.46E-09	3.03E-10	7.31E-09	1.61E-09	2.49E-09	3.94E-09	6.95E-10	1.82E-09	1.82E-08
3612	472363.09	3850877.25	2.78E-05	3.21E-05	1.47E-05	9.64E-09	2.91E-08	1.68E-08	1.95E-08	1.76E-08	8.05E-09	3.67E-09	3.22E-10	7.77E-09	1.72E-09	2.64E-09	4.19E-09	7.39E-10	1.93E-09	1.93E-08
3613	472863.09	3850877.25	2.90E-05	3.36E-05	1.53E-05	1.01E-08	3.04E-08	1.76E-08	2.03E-08	1.84E-08	8.41E-09	3.83E-09	3.36E-10	8.12E-09	1.79E-09	2.76E-09	4.38E-09	7.72E-10	2.01E-09	2.02E-08
3614	473363.09	3850877.25	2.86E-05	3.30E-05	1.50E-05	9.89E-09	2.99E-08	1.73E-08	2.00E-08	1.81E-08	8.27E-09	3.77E-09	3.30E-10	7.98E-09	1.76E-09	2.71E-09	4.31E-09	7.59E-10	1.98E-09	1.98E-08
3615	473863.09	3850877.25	3.10E-05	3.59E-05	1.63E-05	1.07E-08	3.24E-08	1.88E-08	2.17E-08	1.97E-08	8.98E-09	4.09E-09	3.59E-10	8.67E-09	1.91E-09	2.95E-09	4.68E-09	8.24E-10	2.14E-09	2.15E-08
3616	474363.09	3850877.25	3.37E-05	3.90E-05	1.77E-05	1.17E-08	3.53E-08	2.04E-08	2.36E-08	2.14E-08	9.76E-09	4.44E-09	3.90E-10	9.42E-09	2.08E-09	3.20E-09	5.08E-09	8.96E-10	2.33E-09	2.34E-08
3617	474863.09	3850877.25	3.64E-05	4.21E-05	1.91E-05	1.26E-08	3.81E-08	2.21E-08	2.55E-08	2.31E-08	1.06E-08	4.79E-09	4.21E-10	1.02E-08	2.25E-09	3.46E-09	5.49E-09	9.68E-10	2.51E-09	2.53E-08
3618	475363.09	3850877.25	4.00E-05	4.63E-05	2.10E-05	1.39E-08	4.19E-08	2.42E-08	2.80E-08	2.54E-08	1.16E-08	5.26E-09	4.63E-10	1.12E-08	2.47E-09	3.81E-09	6.04E-09	1.06E-09	2.76E-09	2.78E-08
3619	475863.09	3850877.25	4.42E-05	5.12E-05	2.32E-05	1.53E-08	4.63E-08	2.68E-08	3.10E-08	2.81E-08	1.28E-08	5.81E-09	5.12E-10	1.24E-08	2.73E-09	4.21E-09	6.68E-09	1.18E-09	3.05E-09	3.07E-08
3620	476363.09	3850877.25	4.76E-05	5.51E-05	2.50E-05	1.65E-08	4.98E-08	2.88E-08	3.34E-08	3.03E-08	1.38E-08	6.25E-09	5.51E-10	1.33E-08	2.94E-09	4.53E-09	7.19E-09	1.27E-09	3.28E-09	3.31E-08
3621	476863.09	3850877.25	5.02E-05	5.81E-05	2.63E-05	1.74E-08	5.25E-08	3.04E-08	3.52E-08	3.19E-08	1.46E-08	6.59E-09	5.81E-10	1.40E-08	3.10E-09	4.78E-09	7.58E-09	1.34E-09	3.46E-09	3.49E-08
3622	477363.09	3850877.25	5.15E-05	5.96E-05	2.70E-05	1.78E-08	5.39E-08	3.12E-08	3.61E-08	3.27E-08	1.49E-08	6.76E-09	5.96E-10	1.44E-08	3.18E-09	4.90E-09	7.77E-09	1.37E-09	3.55E-09	3.58E-08
3623	477863.09	3850877.25	5.19E-05	6.00E-05	2.72E-05	1.80E-08	5.43E-08	3.14E-08	3.63E-08	3.29E-08	1.50E-08	6.80E-09	6.00E-10	1.45E-08	3.20E-09	4.93E-09	7.83E-09	1.38E-09	3.57E-09	3.60E-08
3624	478363.09	3850877.25	5.19E-05	6.00E-05	2.72E-05	1.80E-08	5.43E-08	3.14E-08	3.63E-08	3.29E-08	1.50E-08	6.81E-09	6.00E-10	1.45E-08	3.20E-09	4.93E-09	7.83E-09	1.38E-09	3.57E-09	3.60E-08
3625	478863.09	3850877.25	5.11E-05	5.91E-05	2.67E-05	1.77E-08	5.34E-08	3.09E-08	3.58E-08	3.24E-08	1.48E-08	6.70E-09	5.91E-10	1.43E-08	3.15E-09	4.86E-09	7.71E-09	1.36E-09	3.52E-09	3.54E-08
3626	479363.09	3850877.25	4.98E-05	5.77E-05	2.61E-05	1.73E-08	5.22E-08	3.02E-08	3.49E-08	3.17E-08	1.44E-08	6.55E-09	5.77E-10	1.39E-08	3.07E-09	4.74E-09	7.52E-09	1.33E-09	3.44E-09	3.46E-08
3627	479863.09	3850877.25	5.63E-05	6.52E-05	2.95E-05	1.95E-08	5.89E-08	3.41E-08	3.95E-08	3.58E-08	1.63E-08	7.39E-09	6.52E-10	1.57E-08	3.47E-09	5.36E-09	8.50E-09	1.50E-09	3.88E-09	3.91E-08
3628	480363.09	3850877.25	7.46E-05	8.63E-05	3.90E-05	2.58E-08	7.80E-08	4.52E-08	5.23E-08	4.74E-08	2.16E-08	9.76E-09	8.63E-10	2.08E-08	4.60E-09	7.10E-09	1.13E-08	1.98E-09	5.12E-09	5.18E-08
3629	480863.09	3850877.25	8.50E-05	9.83E-05	4.44E-05	2.94E-08	8.89E-08	5.15E-08	5.96E-08	5.40E-08	2.46E-08	1.11E-08	9.83E-10	2.37E-08	5.24E-09	8.09E-09	1.28E-08	2.26E-09	5.84E-09	5.90E-08
3630	481363.09	3850877.25	7.19E-05	8.32E-05	3.76E-05	2.49E-08	7.52E-08	4.36E-08	5.04E-08	4.57E-08	2.08E-08	9.43E-09	8.32E-10	2.01E-08	4.44E-09	6.84E-09	1.09E-08	1.91E-09	4.95E-09	4.99E-08
3631	481863.09	3850877.25	5.83E-05	6.75E-05	3.06E-05	2.02E-08	6.10E-08	3.53E-08	4.09E-08	3.70E-08	1.69E-08	7.67E-09	6.75E-10	1.63E-08	3.60E-09	5.55E-09	8.80E-09	1.55E-09	4.02E-09	4.05E-08
3632	482363.09	3850877.25	4.67E-05	5.40E-05	2.46E-05	1.62E-08	4.89E-08	2.83E-08	3.27E-08	2.97E-08	1.35E-08	6.16E-09	5.41E-10	1.31E-08	2.88E-09	4.44E-09	7.05E-09	1.24E-09	3.23E-09	3.24E-08
3633	482863.09	3850877.25	3.70E-05	4.27E-05	1.95E-05	1.28E-08	3.87E-08	2.24E-08	2.59E-08	2.35E-08	1.07E-08	4.89E-09	4.28E-10	1.03E-08	2.28E-09	3.51E-09	5.57E-09	9.82E-10	2.57E-09	2.57E-08
3634	483363.09	3850877.25	2.73E-05	3.15E-05	1.45E-05	9.46E-09	2.86E-08	1.65E-08	1.91E-08	1.73E-08	7.90E-09	3.62E-09	3.16E-10	7.63E-09	1.68E-09	2.59E-09	4.11E-09	7.25E-10	1.90E-09	1.90E-08
3635	483863.09	3850877.25	2.54E-05	2.93E-05	1.35E-05	8.80E-09	2.66E-08	1.54E-08	1.78E-08	1.61E-08	7.34E-09	3.38E-09	2.94E-10	7.10E-09	1.57E-09	2.41E-09	3.82E-09	6.74E-10	1.77E-09	1.76E-08
3636	484363.09	3850877.25	3.05E-05	3.52E-05	1.62E-05	1.06E-08	3.19E-08	1.85E-08	2.13E-08	1.93E-08	8.83E-09	4.05E-09	3.53E-10	8.53E-09	1.88E-09	2.90E-09	4.60E-09	8.10E-10	2.13E-09	2.12E-08
3637	484863.09	3850877.25	3.07E-05	3.54E-05	1.63E-05	1.06E-08	3.21E-08	1.86E-08	2.15E-08	1.95E-08	8.88E-09	4.07E-09	3.55E-10	8.57E-09	1.89E-09	2.91E-09	4.62E-09	8.15E-10	2.14E-09	2.13E-08
3638	485363.09	3850877.25	2.98E-05	3.43E-05	1.58E-05	1.03E-08	3.11E-08	1.80E-08	2.08E-08	1.89E-08	8.61E-09	3.96E-09	3.44E-10	8.32E-09	1.84E-09	2.82E-09	4.48E-09	7.90E-10	2.08E-09	2.07E-08
3639	485863.09	3850877.25	2.46E-05	2.84E-05	1.32E-05	8.53E-09	2.57E-08	1.49E-08	1.72E-08	1.56E-08	7.11E-09	3.30E-09	2.85E-10	6.88E-09	1.52E-09	2.33E-09	3.70E-09	6.52E-10	1.73E-09	1.71E-08
3640	486363.09	3850877.25	2.40E-05	2.77E-05	1.29E-05	8.33E-09	2.51E-08	1.46E-08	1.68E-08	1.52E-08	6.94E-09	3.23E-09	2.78E-10	6.72E-09	1.48E-09	2.28E-09	3.61E-09	6.37E-10	1.69E-09	1.67E-08
3641	486863.09	3850877.25	2.28E-05	2.62E-05	1.22E-05	7.89E-09	2.38E-08	1.38E-08	1.59E-08	1.44E-08	6.57E-09	3.06E-09	2.63E-10	6.36E-09	1.40E-09	2.16E-09	3.42E-09	6.03E-10	1.60E-09	1.58E-08
3642	487363.09	3850877.25	2.04E-05	2.35E-05	1.09E-05	7.07E-09	2.13E-08	1.24E-08	1.42E-08	1.29E-08	5.89E-09	2.73E-09	2.36E-10	5.70E-09	1.26E-09	1.93E-09	3.07E-09	5.41E-10	1.43E-09	1.42E-08
3643	487863.09	3850877.25	2.03E-05	2.34E-05	1.08E-05	7.03E-09	2.12E-08	1.23E-08	1.42E-08	1.29E-08	5.87E-09	2.72E-09	2.35E-10	5.67E-09	1.25E-09	1.93E-09	3.05E-09	5.38E-10	1.43E-09	1.41E-08
3644	488363.09	3850877.25	2.16E-05	2.49E-05	1.16E-05	7.49E-09	2.26E-08	1.31E-08	1.51E-08	1.37E-08	6.25E-09	2.89E-09	2.50E-10	6.04E-09	1.33E-09	2.05E-09	3.25E-09	5.74E-10	1.52E-09	1.50E-08
3645	488863.09	3850877.25	2.19E-05	2.53E-05	1.18E-05	7.61E-09	2.30E-08	1.33E-08	1.53E-08	1.39E-08	6.34E-09	2.95E-09	2.54E-10	6.14E-09	1.35E-09	2.08E-09	3.30E-09	5.82E-10	1.55E-09	1.53E-08
3646	489363.09	3850877.25	2.23E-05	2.57E-05	1.20E-05	7.74E-09	2.34E-08	1.35E-08	1.56E-08	1.41E-08	6.45E-09	3.00E-09	2.58E-10	6.24E-09	1.38E-09	2.12E-09	3.36E-09	5.92E-10	1.58E-09	1.55E-08
3647	489863.09	3850877.25	2.27E-05	2.62E-05	1.22E-05	7.87E-09	2.38E-08	1.38E-08	1.59E-08	1.44E-08	6.56E-09	3.05E-09	2.63E-10	6.35E-09	1.40E-09	2.15E-09	3.41E-09	6.02E-10	1.60E-09	1.58E-08
3648	490363.09	3850877.25	2.33E-05	2.69E-05	1.25E-05	8.08E-09	2.44E-08	1.41E-08	1.63E-08	1.48E-08	6.73E-09	3.13E-09	2.70E-10	6.52E-09	1.44E-09	2.21E-09	3.51E-09	6.18E-10	1.64E-09	1.62E-08
3649	490863.09	3850877.25	2.43E-05	2.80E-05	1.30E-05	8.41E-09	2.54E-08	1.47E-08	1.70E-08	1.54E-08	7.01E-09	3.26E-09	2.81E-10	6.79E-09	1.50E-09	2.30E-09	3.65E-09	6.44E-10	1.71E-09	1.69E-08

3650	491363.09	3850877.25	2.48E-05	2.86E-05	1.33E-05	8.60E-09	2.60E-08	1.50E-08	1.73E-08	1.57E-08	7.17E-09	3.33E-09	2.87E-10	6.93E-09	1.53E-09	2.35E-09	3.73E-09	6.58E-10	1.75E-09	1.72E-08
3651	491863.09	3850877.25	2.53E-05	2.92E-05	1.35E-05	8.76E-09	2.64E-08	1.53E-08	1.77E-08	1.60E-08	7.30E-09	3.38E-09	2.92E-10	7.06E-09	1.56E-09	2.40E-09	3.80E-09	6.70E-10	1.78E-09	1.76E-08
3652	492363.09	3850877.25	2.55E-05	2.94E-05	1.36E-05	8.84E-09	2.67E-08	1.54E-08	1.78E-08	1.62E-08	7.37E-09	3.42E-09	2.95E-10	7.13E-09	1.57E-09	2.42E-09	3.84E-09	6.76E-10	1.79E-09	1.77E-08
3653	492863.09	3850877.25	2.64E-05	3.05E-05	1.41E-05	9.15E-09	2.76E-08	1.60E-08	1.85E-08	1.67E-08	7.63E-09	3.54E-09	3.06E-10	7.38E-09	1.63E-09	2.51E-09	3.97E-09	7.01E-10	1.86E-09	1.84E-08
3654	493363.09	3850877.25	2.81E-05	3.24E-05	1.50E-05	9.73E-09	2.94E-08	1.70E-08	1.96E-08	1.78E-08	8.12E-09	3.76E-09	3.25E-10	7.85E-09	1.73E-09	2.66E-09	4.23E-09	7.45E-10	1.97E-09	1.95E-08
3655	493863.09	3850877.25	3.22E-05	3.71E-05	1.72E-05	1.11E-08	3.37E-08	1.95E-08	2.25E-08	2.04E-08	9.30E-09	4.30E-09	3.72E-10	8.99E-09	1.98E-09	3.05E-09	4.84E-09	8.53E-10	2.26E-09	2.24E-08
3656	494363.09	3850877.25	3.51E-05	4.05E-05	1.88E-05	1.22E-08	3.68E-08	2.13E-08	2.46E-08	2.23E-08	1.02E-08	4.70E-09	4.07E-10	9.82E-09	2.17E-09	3.33E-09	5.29E-09	9.32E-10	2.47E-09	2.44E-08
3657	494863.09	3850877.25	4.03E-05	4.65E-05	2.14E-05	1.40E-08	4.21E-08	2.44E-08	2.81E-08	2.55E-08	1.16E-08	5.37E-09	4.66E-10	1.13E-08	2.48E-09	3.82E-09	6.06E-09	1.07E-09	2.82E-09	2.80E-08
3658	495363.09	3850877.25	4.59E-05	5.30E-05	2.44E-05	1.59E-08	4.81E-08	2.78E-08	3.21E-08	2.91E-08	1.33E-08	6.12E-09	5.31E-10	1.28E-08	2.83E-09	4.36E-09	6.92E-09	1.22E-09	3.21E-09	3.19E-08
3659	495863.09	3850877.25	4.82E-05	5.57E-05	2.56E-05	1.67E-08	5.05E-08	2.92E-08	3.37E-08	3.06E-08	1.39E-08	6.42E-09	5.58E-10	1.35E-08	2.97E-09	4.58E-09	7.26E-09	1.28E-09	3.37E-09	3.35E-08
3660	496363.09	3850877.25	5.17E-05	5.97E-05	2.75E-05	1.79E-08	5.41E-08	3.13E-08	3.62E-08	3.28E-08	1.50E-08	6.88E-09	5.99E-10	1.45E-08	3.19E-09	4.91E-09	7.79E-09	1.37E-09	3.61E-09	3.59E-08
3661	496863.09	3850877.25	5.69E-05	6.57E-05	3.01E-05	1.97E-08	5.95E-08	3.45E-08	3.98E-08	3.61E-08	1.65E-08	7.55E-09	6.58E-10	1.59E-08	3.51E-09	5.40E-09	8.57E-09	1.51E-09	3.96E-09	3.95E-08
3662	497363.09	3850877.25	5.80E-05	6.69E-05	3.07E-05	2.01E-08	6.07E-08	3.51E-08	4.06E-08	3.68E-08	1.68E-08	7.70E-09	6.71E-10	1.62E-08	3.58E-09	5.51E-09	8.73E-09	1.54E-09	4.04E-09	4.03E-08
3663	497863.09	3850877.25	5.76E-05	6.66E-05	3.06E-05	2.00E-08	6.03E-08	3.49E-08	4.03E-08	3.66E-08	1.67E-08	7.66E-09	6.67E-10	1.61E-08	3.56E-09	5.47E-09	8.68E-09	1.53E-09	4.02E-09	4.00E-08
3664	498363.09	3850877.25	5.71E-05	6.59E-05	3.03E-05	1.98E-08	5.97E-08	3.46E-08	3.99E-08	3.62E-08	1.65E-08	7.59E-09	6.60E-10	1.60E-08	3.52E-09	5.42E-09	8.60E-09	1.51E-09	3.98E-09	3.96E-08
3665	471363.09	3851377.25	2.78E-05	3.21E-05	1.47E-05	9.64E-09	2.91E-08	1.69E-08	1.95E-08	1.77E-08	8.06E-09	3.68E-09	3.22E-10	7.78E-09	1.72E-09	2.64E-09	4.19E-09	7.39E-10	1.93E-09	1.93E-08
3666	471863.09	3851377.25	3.28E-05	3.79E-05	1.73E-05	1.14E-08	3.43E-08	1.99E-08	2.30E-08	2.08E-08	9.50E-09	4.33E-09	3.80E-10	9.17E-09	2.02E-09	3.12E-09	4.95E-09	8.72E-10	2.27E-09	2.28E-08
3667	472363.09	3851377.25	3.32E-05	3.84E-05	1.75E-05	1.15E-08	3.47E-08	2.01E-08	2.32E-08	2.11E-08	9.61E-09	4.38E-09	3.84E-10	9.28E-09	2.05E-09	3.16E-09	5.01E-09	8.82E-10	2.30E-09	2.31E-08
3668	472863.09	3851377.25	3.30E-05	3.82E-05	1.74E-05	1.15E-08	3.46E-08	2.00E-08	2.31E-08	2.10E-08	9.57E-09	4.36E-09	3.82E-10	9.24E-09	2.04E-09	3.14E-09	4.98E-09	8.78E-10	2.29E-09	2.29E-08
3669	473363.09	3851377.25	3.03E-05	3.50E-05	1.60E-05	1.05E-08	3.17E-08	1.83E-08	2.12E-08	1.92E-08	8.76E-09	4.00E-09	3.50E-10	8.46E-09	1.87E-09	2.88E-09	4.56E-09	8.04E-10	2.10E-09	2.10E-08
3670	473863.09	3851377.25	3.07E-05	3.55E-05	1.62E-05	1.06E-08	3.22E-08	1.86E-08	2.15E-08	1.95E-08	8.90E-09	4.06E-09	3.56E-10	8.59E-09	1.90E-09	2.92E-09	4.63E-09	8.17E-10	2.13E-09	2.13E-08
3671	474363.09	3851377.25	3.39E-05	3.92E-05	1.78E-05	1.17E-08	3.55E-08	2.05E-08	2.37E-08	2.15E-08	9.82E-09	4.47E-09	3.92E-10	9.47E-09	2.09E-09	3.22E-09	5.11E-09	9.01E-10	2.34E-09	2.35E-08
3672	474863.09	3851377.25	3.64E-05	4.21E-05	1.92E-05	1.26E-08	3.81E-08	2.21E-08	2.55E-08	2.31E-08	1.06E-08	4.80E-09	4.22E-10	1.02E-08	2.25E-09	3.47E-09	5.50E-09	9.69E-10	2.52E-09	2.53E-08
3673	475363.09	3851377.25	3.91E-05	4.52E-05	2.05E-05	1.35E-08	4.09E-08	2.37E-08	2.74E-08	2.48E-08	1.13E-08	5.14E-09	4.52E-10	1.09E-08	2.41E-09	3.71E-09	5.89E-09	1.04E-09	2.70E-09	2.71E-08
3674	475863.09	3851377.25	4.24E-05	4.90E-05	2.22E-05	1.47E-08	4.43E-08	2.57E-08	2.97E-08	2.69E-08	1.23E-08	5.57E-09	4.90E-10	1.18E-08	2.61E-09	4.03E-09	6.39E-09	1.13E-09	2.92E-09	2.94E-08
3675	476363.09	3851377.25	4.70E-05	5.43E-05	2.46E-05	1.63E-08	4.92E-08	2.85E-08	3.29E-08	2.98E-08	1.36E-08	6.17E-09	5.44E-10	1.31E-08	2.90E-09	4.47E-09	7.09E-09	1.25E-09	3.24E-09	3.26E-08
3676	476863.09	3851377.25	5.22E-05	6.04E-05	2.74E-05	1.81E-08	5.46E-08	3.16E-08	3.66E-08	3.32E-08	1.51E-08	6.85E-09	6.04E-10	1.46E-08	3.22E-09	4.97E-09	7.88E-09	1.39E-09	3.60E-09	3.63E-08
3677	477363.09	3851377.25	5.65E-05	6.53E-05	2.96E-05	1.96E-08	5.91E-08	3.42E-08	3.96E-08	3.59E-08	1.64E-08	7.41E-09	6.54E-10	1.58E-08	3.48E-09	5.37E-09	8.53E-09	1.50E-09	3.89E-09	3.92E-08
3678	477863.09	3851377.25	5.95E-05	6.89E-05	3.12E-05	2.06E-08	6.23E-08	3.61E-08	4.17E-08	3.78E-08	1.73E-08	7.81E-09	6.89E-10	1.66E-08	3.67E-09	5.67E-09	8.99E-09	1.58E-09	4.10E-09	4.13E-08
3679	478363.09	3851377.25	6.09E-05	7.04E-05	3.19E-05	2.11E-08	6.37E-08	3.69E-08	4.27E-08	3.87E-08	1.76E-08	7.98E-09	7.04E-10	1.70E-08	3.75E-09	5.79E-09	9.19E-09	1.62E-09	4.19E-09	4.23E-08
3680	478863.09	3851377.25	6.11E-05	7.07E-05	3.20E-05	2.12E-08	6.39E-08	3.70E-08	4.28E-08	3.88E-08	1.77E-08	8.01E-09	7.07E-10	1.71E-08	3.77E-09	5.81E-09	9.22E-09	1.63E-09	4.20E-09	4.24E-08
3681	479363.09	3851377.25	6.06E-05	7.01E-05	3.17E-05	2.10E-08	6.34E-08	3.67E-08	4.25E-08	3.85E-08	1.76E-08	7.94E-09	7.01E-10	1.69E-08	3.74E-09	5.76E-09	9.14E-09	1.61E-09	4.17E-09	4.21E-08
3682	479863.09	3851377.25	5.88E-05	6.81E-05	3.08E-05	2.04E-08	6.15E-08	3.56E-08	4.12E-08	3.74E-08	1.71E-08	7.72E-09	6.81E-10	1.64E-08	3.63E-09	5.60E-09	8.88E-09	1.56E-09	4.05E-09	4.08E-08
3683	480363.09	3851377.25	6.47E-05	7.48E-05	3.38E-05	2.24E-08	6.77E-08	3.92E-08	4.53E-08	4.11E-08	1.87E-08	8.48E-09	7.48E-10	1.81E-08	3.99E-09	6.15E-09	9.76E-09	1.72E-09	4.45E-09	4.49E-08
3684	480863.09	3851377.25	8.69E-05	1.01E-04	4.54E-05	3.01E-08	9.10E-08	5.27E-08	6.09E-08	5.52E-08	2.52E-08	1.14E-08	1.01E-09	2.43E-08	5.36E-09	8.27E-09	1.31E-08	2.31E-09	5.97E-09	6.04E-08
3685	481363.09	3851377.25	9.78E-05	1.13E-04	5.11E-05	3.39E-08	1.02E-07	5.93E-08	6.86E-08	6.22E-08	2.84E-08	1.28E-08	1.13E-09	2.73E-08	6.03E-09	9.31E-09	1.48E-08	2.60E-09	6.72E-09	6.79E-08
3686	481863.09	3851377.25	8.31E-05	9.62E-05	4.35E-05	2.88E-08	8.70E-08	5.04E-08	5.83E-08	5.28E-08	2.41E-08	1.09E-08	9.62E-10	2.32E-08	5.13E-09	7.91E-09	1.26E-08	2.21E-09	5.72E-09	5.77E-08
3687	482363.09	3851377.25	7.10E-05	8.21E-05	3.72E-05	2.46E-08	7.43E-08	4.30E-08	4.97E-08	4.51E-08	2.06E-08	9.32E-09	8.21E-10	1.98E-08	4.38E-09	6.75E-09	1.07E-08	1.89E-09	4.89E-09	4.93E-08
3688	482863.09	3851377.25	5.86E-05	6.78E-05	3.08E-05	2.03E-08	6.14E-08	3.55E-08	4.11E-08	3.72E-08	1.70E-08	7.72E-09	6.79E-10	1.64E-08	3.62E-09	5.58E-09	8.85E-09	1.56E-09	4.05E-09	4.07E-08
3689	483363.09	3851377.25	4.03E-05	4.66E-05	2.13E-05	1.40E-08	4.22E-08	2.44E-08	2.83E-08	2.56E-08	1.17E-08	5.33E-09	4.67E-10	1.13E-08	2.49E-09	3.84E-09	6.08E-09	1.07E-09	2.80E-09	2.80E-08
3690	483863.09	3851377.25	3.43E-05	3.96E-05	1.81E-05	1.19E-08	3.59E-08	2.08E-08	2.40E-08	2.18E-08	9.93E-09	4.54E-09	3.97E-10	9.59E-09	2.12E-09	3.26E-09	5.17E-09	9.11E-10	2.39E-09	2.38E-08
3691	484363.09	3851377.25	4.33E-05	5.01E-05	2.29E-05	1.50E-08	4.53E-08	2.63E-08	3.03E-08	2.75E-08	1.25E-08	5.74E-09	5.02E-10	1.21E-08	2.67E-09	4.12E-09	6.53E-09	1.15E-09	3.01E-09	3.01E-08
3692	484863.09	3851377.25	3.15E-05	3.64E-05	1.67E-05	1.09E-08	3.30E-08	1.91E-08	2.21E-08	2.00E-08	9.13E-09	4.19E-09	3.65E-10	8.82E-09	1.95E-09	3.00E-09	4.75E-09	8.38E-10	2.20E-09	2.19E-08
3693	485363.09	3851377.25	3.90E-05	4.51E-05	2.06E-05	1.35E-08	4.08E-08	2.36E-08	2.73E-08	2.48E-08	1.13E-08	5.17E-09	4.52E-10	1.09E-08	2.41E-09	3.71E-09	5.88E-09	1.04E-09	2.72E-09	2.71E-08
3694	485863.09	3851377.25	3.11E-05	3.59E-05	1.66E-05	1.08E-08	3.26E-08	1.88E-08	2.17E-08	1.97E-08	8.99E-09	4.16E-09	3.60E-10	8.70E-09	1.92E-09	2.95E-09	4.68E-09	8.25E-10	2.18E-09	2.16E-08
3695	486363.09	3851377.25	3.09E-05	3.57E-05	1.65E-05	1.07E-08	3.24E-08	1.87E-08	2.16E-08	1.96E-08	8.94E-09	4.14E-09	3.58E-10	8.65E-09	1.91E-09	2.93E-09	4.66E-09	8.20E-10	2.17E-09	2.15E-08
3696	486863.09	3851377.25	2.85E-05	3.29E-05	1.53E-05	9.89E-09	2.98E-08	1.73E-08	1.99E-08	1.81E-08	8.24E-09	3.82E-09	3.30E-10	7.97E-09	1.76E-09	2.71E-09	4.29E-09	7.56E-10	2.01E-09	1.98E-08
3697	487363.09	3851377.25	2.33E-05	2.69E-05	1.25E-05	8.08E-09	2.44E-08	1.41E-08	1.63E-08	1.48E-08	6.73E-09	3.12E-09	2.70E-10	6.51E-09	1.44E-09	2.21E-09	3.51E-09	6.18E-10	1.64E-09	1.62E-08
3698	487863.09	3851377.25	2.63E-05	3.03E-05	1.40E-05	9.11E-09	2.75E-08	1.59E-08	1.84E-08	1.67E-08	7.60E-09	3.51E-09	3.04E-10	7.35E-09	1.62E-09	2.50E-09	3.96E-09	6.98E-10	1.84E-09	1.83E-08
3699	488363.09	3851377.25	2.82E-05	3.25E-05	1.50E-05	9.77E-09	2.95E-08	1.71E-08	1.97E-08	1.79E-08	8.15E-09	3.76E-09	3.26E-10	7.88E-09	1.74E-09	2.68E-09	4.24E-09	7.48E-10	1.97E-09	1.96E-08
3700	488863.09	3851377.25	2.84E-05	3.27E-05	1.51E-05	9.83E-09	2.97E-08	1.72E-08	1.98E-08	1.80E-08	8.20E-09	3.79E-09	3.28E-10	7.93E-09	1.75E-09	2.69E-09	4.27E-09	7.53E-10	1.99E-09	1.97E-08
3701	489363.09	3851377.25	2.89E-05	3.33E-05	1.54E-05	1.00E-08	3.02E-08	1.75E-08	2.02E-08	1.83E-08	8.35E-09	3.87E-09	3.34E-10	8.08E-09	1.78E-09	2.74E-09	4.35E-09	7.67E-10	2.03E-09	2.01E-08
3702	489863.09	3851377.25	2.97E-05	3.43E-05	1.59E-05	1.03E-08	3.11E-08	1.80E-08	2.08E-08	1.88E-08	8.59E-09	3.98E-09	3.44E-10	8.31E-09	1.83E-09	2.82E-09	4.47E-09	7.89E-10	2.09E-09	2.07E-08

3703	490363.09	3851377.25	3.12E-05	3.60E-05	1.67E-05	1.08E-08	3.27E-08	1.89E-08	2.18E-08	1.98E-08	9.02E-09	4.18E-09	3.61E-10	8.73E-09	1.93E-09	2.96E-09	4.70E-09	8.28E-10	2.19E-09	2.17E-08
3704	490863.09	3851377.25	3.32E-05	3.84E-05	1.77E-05	1.15E-08	3.48E-08	2.01E-08	2.32E-08	2.11E-08	9.61E-09	4.44E-09	3.85E-10	9.29E-09	2.05E-09	3.15E-09	5.00E-09	8.82E-10	2.33E-09	2.31E-08
3705	491363.09	3851377.25	3.42E-05	3.95E-05	1.82E-05	1.19E-08	3.58E-08	2.07E-08	2.39E-08	2.17E-08	9.89E-09	4.56E-09	3.96E-10	9.56E-09	2.11E-09	3.25E-09	5.15E-09	9.08E-10	2.39E-09	2.38E-08
3706	491863.09	3851377.25	3.50E-05	4.05E-05	1.86E-05	1.21E-08	3.67E-08	2.12E-08	2.45E-08	2.22E-08	1.01E-08	4.67E-09	4.06E-10	9.80E-09	2.16E-09	3.33E-09	5.28E-09	9.30E-10	2.45E-09	2.44E-08
3707	492363.09	3851377.25	3.67E-05	4.24E-05	1.95E-05	1.27E-08	3.84E-08	2.22E-08	2.57E-08	2.33E-08	1.06E-08	4.89E-09	4.25E-10	1.03E-08	2.26E-09	3.48E-09	5.53E-09	9.74E-10	2.56E-09	2.55E-08
3708	492863.09	3851377.25	3.79E-05	4.37E-05	2.01E-05	1.31E-08	3.96E-08	2.29E-08	2.65E-08	2.40E-08	1.10E-08	5.04E-09	4.38E-10	1.06E-08	2.34E-09	3.60E-09	5.70E-09	1.01E-09	2.65E-09	2.63E-08
3709	493363.09	3851377.25	3.62E-05	4.17E-05	1.93E-05	1.25E-08	3.79E-08	2.19E-08	2.53E-08	2.29E-08	1.05E-08	4.83E-09	4.19E-10	1.01E-08	2.23E-09	3.43E-09	5.45E-09	9.60E-10	2.54E-09	2.51E-08
3710	493863.09	3851377.25	4.12E-05	4.75E-05	2.19E-05	1.43E-08	4.31E-08	2.49E-08	2.88E-08	2.61E-08	1.19E-08	5.49E-09	4.76E-10	1.15E-08	2.54E-09	3.91E-09	6.20E-09	1.09E-09	2.88E-09	2.86E-08
3711	494363.09	3851377.25	5.05E-05	5.83E-05	2.68E-05	1.75E-08	5.28E-08	3.06E-08	3.53E-08	3.20E-08	1.46E-08	6.72E-09	5.84E-10	1.41E-08	3.11E-09	4.79E-09	7.60E-09	1.34E-09	3.52E-09	3.51E-08
3712	494863.09	3851377.25	5.41E-05	6.25E-05	2.87E-05	1.88E-08	5.67E-08	3.28E-08	3.79E-08	3.43E-08	1.57E-08	7.20E-09	6.27E-10	1.51E-08	3.34E-09	5.14E-09	8.16E-09	1.44E-09	3.78E-09	3.76E-08
3713	495363.09	3851377.25	6.39E-05	7.39E-05	3.39E-05	2.22E-08	6.69E-08	3.87E-08	4.47E-08	4.06E-08	1.85E-08	8.49E-09	7.40E-10	1.79E-08	3.94E-09	6.07E-09	9.64E-09	1.70E-09	4.46E-09	4.44E-08
3714	495863.09	3851377.25	6.85E-05	7.91E-05	3.62E-05	2.37E-08	7.16E-08	4.15E-08	4.79E-08	4.34E-08	1.98E-08	9.08E-09	7.92E-10	1.91E-08	4.22E-09	6.50E-09	1.03E-08	1.82E-09	4.76E-09	4.76E-08
3715	496363.09	3851377.25	7.10E-05	8.20E-05	3.75E-05	2.46E-08	7.43E-08	4.30E-08	4.97E-08	4.50E-08	2.05E-08	9.41E-09	8.21E-10	1.98E-08	4.38E-09	6.74E-09	1.07E-08	1.89E-09	4.94E-09	4.93E-08
3716	496863.09	3851377.25	7.20E-05	8.32E-05	3.81E-05	2.50E-08	7.53E-08	4.36E-08	5.04E-08	4.57E-08	2.08E-08	9.54E-09	8.33E-10	2.01E-08	4.44E-09	6.84E-09	1.09E-08	1.91E-09	5.01E-09	5.00E-08
3717	497363.09	3851377.25	7.25E-05	8.37E-05	3.83E-05	2.51E-08	7.58E-08	4.39E-08	5.07E-08	4.60E-08	2.10E-08	9.61E-09	8.39E-10	2.03E-08	4.47E-09	6.88E-09	1.09E-08	1.92E-09	5.04E-09	5.03E-08
3718	497863.09	3851377.25	7.18E-05	8.29E-05	3.80E-05	2.49E-08	7.51E-08	4.35E-08	5.02E-08	4.55E-08	2.08E-08	9.53E-09	8.31E-10	2.01E-08	4.43E-09	6.82E-09	1.08E-08	1.91E-09	5.00E-09	4.99E-08
3719	498363.09	3851377.25	6.84E-05	7.90E-05	3.63E-05	2.37E-08	7.16E-08	4.14E-08	4.79E-08	4.34E-08	1.98E-08	9.09E-09	7.92E-10	1.91E-08	4.22E-09	6.50E-09	1.03E-08	1.82E-09	4.77E-09	4.75E-08
3720	471363.09	3851877.25	2.90E-05	3.35E-05	1.53E-05	1.00E-08	3.03E-08	1.75E-08	2.03E-08	1.84E-08	8.39E-09	3.84E-09	3.35E-10	8.10E-09	1.79E-09	2.75E-09	4.37E-09	7.70E-10	2.01E-09	2.01E-08
3721	471863.09	3851877.25	2.92E-05	3.37E-05	1.54E-05	1.01E-08	3.05E-08	1.77E-08	2.04E-08	1.85E-08	8.44E-09	3.86E-09	3.37E-10	8.15E-09	1.80E-09	2.77E-09	4.39E-09	7.74E-10	2.03E-09	2.03E-08
3722	472363.09	3851877.25	3.29E-05	3.80E-05	1.74E-05	1.14E-08	3.44E-08	1.99E-08	2.30E-08	2.09E-08	9.52E-09	4.35E-09	3.81E-10	9.19E-09	2.03E-09	3.13E-09	4.96E-09	8.74E-10	2.28E-09	2.28E-08
3723	472863.09	3851877.25	3.62E-05	4.18E-05	1.91E-05	1.25E-08	3.79E-08	2.19E-08	2.53E-08	2.30E-08	1.05E-08	4.78E-09	4.19E-10	1.01E-08	2.23E-09	3.44E-09	5.46E-09	9.62E-10	2.51E-09	2.51E-08
3724	473363.09	3851877.25	3.53E-05	4.08E-05	1.86E-05	1.22E-08	3.69E-08	2.14E-08	2.47E-08	2.24E-08	1.02E-08	4.66E-09	4.08E-10	9.87E-09	2.18E-09	3.36E-09	5.32E-09	9.38E-10	2.45E-09	2.45E-08
3725	473863.09	3851877.25	3.59E-05	4.15E-05	1.89E-05	1.24E-08	3.76E-08	2.18E-08	2.51E-08	2.28E-08	1.04E-08	4.74E-09	4.16E-10	1.00E-08	2.21E-09	3.41E-09	5.42E-09	9.54E-10	2.49E-09	2.49E-08
3726	474363.09	3851877.25	3.91E-05	4.52E-05	2.06E-05	1.36E-08	4.09E-08	2.37E-08	2.74E-08	2.48E-08	1.13E-08	5.15E-09	4.53E-10	1.09E-08	2.41E-09	3.72E-09	5.90E-09	1.04E-09	2.71E-09	2.72E-08
3727	474863.09	3851877.25	4.13E-05	4.77E-05	2.17E-05	1.43E-08	4.32E-08	2.50E-08	2.89E-08	2.62E-08	1.20E-08	5.43E-09	4.78E-10	1.15E-08	2.55E-09	3.92E-09	6.22E-09	1.10E-09	2.85E-09	2.87E-08
3728	475363.09	3851877.25	4.22E-05	4.88E-05	2.22E-05	1.46E-08	4.42E-08	2.56E-08	2.96E-08	2.68E-08	1.22E-08	5.55E-09	4.88E-10	1.18E-08	2.60E-09	4.01E-09	6.37E-09	1.12E-09	2.91E-09	2.93E-08
3729	475863.09	3851877.25	4.33E-05	5.01E-05	2.27E-05	1.50E-08	4.53E-08	2.62E-08	3.03E-08	2.75E-08	1.25E-08	5.69E-09	5.01E-10	1.21E-08	2.67E-09	4.12E-09	6.53E-09	1.15E-09	2.99E-09	3.01E-08
3730	476363.09	3851877.25	4.43E-05	5.12E-05	2.32E-05	1.53E-08	4.63E-08	2.68E-08	3.10E-08	2.81E-08	1.28E-08	5.82E-09	5.12E-10	1.24E-08	2.73E-09	4.21E-09	6.68E-09	1.18E-09	3.06E-09	3.07E-08
3731	476863.09	3851877.25	4.89E-05	5.66E-05	2.56E-05	1.70E-08	5.12E-08	2.96E-08	3.43E-08	3.11E-08	1.42E-08	6.43E-09	5.66E-10	1.37E-08	3.02E-09	4.65E-09	7.38E-09	1.30E-09	3.37E-09	3.40E-08
3732	477363.09	3851877.25	5.55E-05	6.43E-05	2.91E-05	1.92E-08	5.81E-08	3.36E-08	3.89E-08	3.53E-08	1.61E-08	7.29E-09	6.43E-10	1.55E-08	3.43E-09	5.29E-09	8.38E-09	1.48E-09	3.83E-09	3.86E-08
3733	477863.09	3851877.25	6.27E-05	7.25E-05	3.28E-05	2.17E-08	6.56E-08	3.80E-08	4.39E-08	3.98E-08	1.82E-08	8.22E-09	7.25E-10	1.75E-08	3.87E-09	5.97E-09	9.46E-09	1.67E-09	4.32E-09	4.35E-08
3734	478363.09	3851877.25	6.86E-05	7.94E-05	3.59E-05	2.38E-08	7.18E-08	4.16E-08	4.81E-08	4.36E-08	1.99E-08	9.00E-09	7.94E-10	1.92E-08	4.23E-09	6.53E-09	1.04E-08	1.83E-09	4.72E-09	4.76E-08
3735	478863.09	3851877.25	7.21E-05	8.35E-05	3.77E-05	2.50E-08	7.55E-08	4.37E-08	5.06E-08	4.58E-08	2.09E-08	9.46E-09	8.35E-10	2.02E-08	4.45E-09	6.87E-09	1.09E-08	1.92E-09	4.96E-09	5.01E-08
3736	479363.09	3851877.25	7.34E-05	8.49E-05	3.84E-05	2.54E-08	7.68E-08	4.44E-08	5.14E-08	4.66E-08	2.13E-08	9.61E-09	8.49E-10	2.05E-08	4.53E-09	6.98E-09	1.11E-08	1.95E-09	5.05E-09	5.09E-08
3737	479863.09	3851877.25	7.31E-05	8.46E-05	3.82E-05	2.53E-08	7.65E-08	4.43E-08	5.12E-08	4.64E-08	2.12E-08	9.58E-09	8.46E-10	2.04E-08	4.51E-09	6.96E-09	1.10E-08	1.94E-09	5.03E-09	5.07E-08
3738	480363.09	3851877.25	7.13E-05	8.25E-05	3.73E-05	2.47E-08	7.46E-08	4.32E-08	5.00E-08	4.53E-08	2.07E-08	9.35E-09	8.25E-10	1.99E-08	4.40E-09	6.78E-09	1.08E-08	1.90E-09	4.91E-09	4.95E-08
3739	480863.09	3851877.25	7.58E-05	8.77E-05	3.96E-05	2.63E-08	7.93E-08	4.59E-08	5.31E-08	4.82E-08	2.20E-08	9.93E-09	8.77E-10	2.12E-08	4.67E-09	7.21E-09	1.14E-08	2.02E-09	5.21E-09	5.26E-08
3740	481363.09	3851877.25	1.03E-04	1.19E-04	5.36E-05	3.56E-08	1.07E-07	6.22E-08	7.20E-08	6.53E-08	2.98E-08	1.34E-08	1.19E-09	2.87E-08	6.34E-09	9.78E-09	1.55E-08	2.73E-09	7.05E-09	7.13E-08
3741	481863.09	3851877.25	1.17E-04	1.35E-04	6.09E-05	4.04E-08	1.22E-07	7.06E-08	8.18E-08	7.41E-08	3.38E-08	1.53E-08	1.35E-09	3.26E-08	7.19E-09	1.11E-08	1.76E-08	3.10E-09	8.00E-09	8.10E-08
3742	482363.09	3851877.25	9.14E-05	1.06E-04	4.78E-05	3.17E-08	9.56E-08	5.54E-08	6.41E-08	5.81E-08	2.65E-08	1.20E-08	1.06E-09	2.55E-08	5.64E-09	8.70E-09	1.38E-08	2.43E-09	6.29E-09	6.35E-08
3743	482863.09	3851877.25	6.41E-05	7.41E-05	3.37E-05	2.22E-08	6.71E-08	3.88E-08	4.49E-08	4.07E-08	1.86E-08	8.44E-09	7.42E-10	1.79E-08	3.95E-09	6.09E-09	9.67E-09	1.70E-09	4.43E-09	4.45E-08
3744	483363.09	3851877.25	6.42E-05	7.43E-05	3.37E-05	2.23E-08	6.72E-08	3.89E-08	4.50E-08	4.08E-08	1.86E-08	8.46E-09	7.43E-10	1.80E-08	3.96E-09	6.11E-09	9.69E-09	1.71E-09	4.44E-09	4.46E-08
3745	483863.09	3851877.25	5.63E-05	6.51E-05	2.96E-05	1.95E-08	5.89E-08	3.41E-08	3.95E-08	3.58E-08	1.63E-08	7.42E-09	6.52E-10	1.57E-08	3.47E-09	5.36E-09	8.50E-09	1.50E-09	3.89E-09	3.91E-08
3746	484363.09	3851877.25	5.96E-05	6.89E-05	3.14E-05	2.07E-08	6.24E-08	3.61E-08	4.18E-08	3.78E-08	1.73E-08	7.87E-09	6.90E-10	1.67E-08	3.68E-09	5.67E-09	8.99E-09	1.58E-09	4.13E-09	4.14E-08
3747	484863.09	3851877.25	5.27E-05	6.09E-05	2.78E-05	1.83E-08	5.51E-08	3.19E-08	3.69E-08	3.34E-08	1.53E-08	6.96E-09	6.10E-10	1.47E-08	3.25E-09	5.01E-09	7.94E-09	1.40E-09	3.65E-09	3.66E-08
3748	485363.09	3851877.25	5.00E-05	5.77E-05	2.64E-05	1.73E-08	5.23E-08	3.03E-08	3.50E-08	3.17E-08	1.45E-08	6.60E-09	5.78E-10	1.40E-08	3.08E-09	4.75E-09	7.53E-09	1.33E-09	3.47E-09	3.47E-08
3749	485863.09	3851877.25	4.83E-05	5.58E-05	2.56E-05	1.67E-08	5.05E-08	2.92E-08	3.38E-08	3.06E-08	1.40E-08	6.40E-09	5.59E-10	1.35E-08	2.98E-09	4.59E-09	7.27E-09	1.28E-09	3.36E-09	3.35E-08
3750	486363.09	3851877.25	3.79E-05	4.38E-05	2.02E-05	1.31E-08	3.97E-08	2.30E-08	2.65E-08	2.40E-08	1.10E-08	5.07E-09	4.39E-10	1.06E-08	2.34E-09	3.60E-09	5.71E-09	1.01E-09	2.66E-09	2.64E-08
3751	486863.09	3851877.25	3.56E-05	4.10E-05	1.90E-05	1.23E-08	3.72E-08	2.15E-08	2.48E-08	2.25E-08	1.03E-08	4.76E-09	4.11E-10	9.94E-09	2.19E-09	3.37E-09	5.35E-09	9.43E-10	2.50E-09	2.47E-08
3752	487363.09	3851877.25	3.45E-05	3.98E-05	1.83E-05	1.20E-08	3.61E-08	2.09E-08	2.41E-08	2.19E-08	9.97E-09	4.60E-09	3.99E-10	9.64E-09	2.13E-09	3.27E-09	5.19E-09	9.15E-10	2.41E-09	2.40E-08
3753	487863.09	3851877.25	3.10E-05	3.58E-05	1.65E-05	1.07E-08	3.24E-08	1.88E-08	2.17E-08	1.96E-08	8.96E-09	4.13E-09	3.59E-10	8.66E-09	1.91E-09	2.94E-09	4.67E-09	8.23E-10	2.17E-09	2.15E-08
3754	488363.09	3851877.25	3.25E-05	3.75E-05	1.73E-05	1.13E-08	3.40E-08	1.97E-08	2.27E-08	2.06E-08	9.41E-09	4.34E-09	3.76E-10	9.09E-09	2.01E-09	3.09E-09	4.90E-09	8.63E-10	2.28E-09	2.26E-08
3755	488863.09	3851877.25	3.15E-05	3.64E-05	1.68E-05	1.09E-08	3.30E-08	1.91E-08	2.20E-08	2.00E-08	9.11E-09	4.22E-09	3.65E-10	8.82E-09	1.95E-09	2.99E-09	4.75E-09	8.36E-10	2.21E-09	2.19E-08

3756	489363.09	3851877.25	3.23E-05	3.72E-05	1.72E-05	1.12E-08	3.38E-08	1.95E-08	2.25E-08	2.04E-08	9.33E-09	4.32E-09	3.73E-10	9.02E-09	1.99E-09	3.06E-09	4.86E-09	8.56E-10	2.27E-09	2.24E-08
3757	489863.09	3851877.25	3.47E-05	4.00E-05	1.85E-05	1.20E-08	3.63E-08	2.10E-08	2.43E-08	2.20E-08	1.00E-08	4.64E-09	4.02E-10	9.70E-09	2.14E-09	3.29E-09	5.22E-09	9.21E-10	2.43E-09	2.41E-08
3758	490363.09	3851877.25	3.89E-05	4.49E-05	2.07E-05	1.35E-08	4.07E-08	2.36E-08	2.72E-08	2.46E-08	1.12E-08	5.19E-09	4.50E-10	1.09E-08	2.40E-09	3.69E-09	5.86E-09	1.03E-09	2.72E-09	2.70E-08
3759	490863.09	3851877.25	4.32E-05	4.99E-05	2.29E-05	1.50E-08	4.52E-08	2.62E-08	3.02E-08	2.74E-08	1.25E-08	5.75E-09	5.00E-10	1.21E-08	2.67E-09	4.11E-09	6.51E-09	1.15E-09	3.02E-09	3.00E-08
3760	491363.09	3851877.25	4.77E-05	5.51E-05	2.53E-05	1.65E-08	4.99E-08	2.89E-08	3.34E-08	3.02E-08	1.38E-08	6.33E-09	5.52E-10	1.33E-08	2.94E-09	4.53E-09	7.18E-09	1.27E-09	3.32E-09	3.31E-08
3761	491863.09	3851877.25	5.18E-05	5.98E-05	2.74E-05	1.79E-08	5.42E-08	3.14E-08	3.62E-08	3.28E-08	1.50E-08	6.87E-09	5.99E-10	1.45E-08	3.19E-09	4.92E-09	7.80E-09	1.38E-09	3.60E-09	3.60E-08
3762	492363.09	3851877.25	5.34E-05	6.17E-05	2.83E-05	1.85E-08	5.59E-08	3.24E-08	3.74E-08	3.39E-08	1.55E-08	7.08E-09	6.18E-10	1.49E-08	3.30E-09	5.08E-09	8.05E-09	1.42E-09	3.72E-09	3.71E-08
3763	492863.09	3851877.25	4.90E-05	5.66E-05	2.60E-05	1.70E-08	5.13E-08	2.97E-08	3.43E-08	3.11E-08	1.42E-08	6.52E-09	5.67E-10	1.37E-08	3.02E-09	4.66E-09	7.39E-09	1.30E-09	3.42E-09	3.41E-08
3764	493363.09	3851877.25	6.08E-05	7.03E-05	3.22E-05	2.11E-08	6.37E-08	3.68E-08	4.26E-08	3.86E-08	1.76E-08	8.07E-09	7.04E-10	1.70E-08	3.75E-09	5.78E-09	9.17E-09	1.62E-09	4.24E-09	4.23E-08
3765	493863.09	3851877.25	7.43E-05	8.58E-05	3.93E-05	2.57E-08	7.77E-08	4.50E-08	5.20E-08	4.71E-08	2.15E-08	9.84E-09	8.59E-10	2.08E-08	4.58E-09	7.06E-09	1.12E-08	1.97E-09	5.16E-09	5.16E-08
3766	494363.09	3851877.25	7.42E-05	8.57E-05	3.93E-05	2.57E-08	7.76E-08	4.50E-08	5.19E-08	4.71E-08	2.15E-08	9.84E-09	8.59E-10	2.07E-08	4.58E-09	7.05E-09	1.12E-08	1.97E-09	5.16E-09	5.15E-08
3767	494863.09	3851877.25	8.35E-05	9.65E-05	4.41E-05	2.89E-08	8.74E-08	5.06E-08	5.85E-08	5.30E-08	2.42E-08	1.11E-08	9.67E-10	2.33E-08	5.15E-09	7.94E-09	1.26E-08	2.22E-09	5.80E-09	5.80E-08
3768	495363.09	3851877.25	8.93E-05	1.03E-04	4.71E-05	3.09E-08	9.34E-08	5.41E-08	6.25E-08	5.67E-08	2.59E-08	1.18E-08	1.03E-09	2.50E-08	5.51E-09	8.49E-09	1.35E-08	2.37E-09	6.20E-09	6.20E-08
3769	495863.09	3851877.25	9.30E-05	1.07E-04	4.90E-05	3.22E-08	9.73E-08	5.63E-08	6.51E-08	5.90E-08	2.69E-08	1.23E-08	1.08E-09	2.60E-08	5.73E-09	8.84E-09	1.40E-08	2.47E-09	6.45E-09	6.46E-08
3770	496363.09	3851877.25	9.26E-05	1.07E-04	4.89E-05	3.21E-08	9.69E-08	5.61E-08	6.48E-08	5.87E-08	2.68E-08	1.22E-08	1.07E-09	2.59E-08	5.71E-09	8.80E-09	1.40E-08	2.46E-09	6.42E-09	6.43E-08
3771	496863.09	3851877.25	9.14E-05	1.06E-04	4.83E-05	3.17E-08	9.57E-08	5.54E-08	6.40E-08	5.80E-08	2.65E-08	1.21E-08	1.06E-09	2.56E-08	5.64E-09	8.69E-09	1.38E-08	2.43E-09	6.35E-09	6.35E-08
3772	497363.09	3851877.25	8.96E-05	1.03E-04	4.73E-05	3.10E-08	9.37E-08	5.43E-08	6.27E-08	5.68E-08	2.59E-08	1.19E-08	1.04E-09	2.50E-08	5.53E-09	8.51E-09	1.35E-08	2.38E-09	6.23E-09	6.22E-08
3773	497863.09	3851877.25	8.42E-05	9.73E-05	4.46E-05	2.92E-08	8.82E-08	5.10E-08	5.89E-08	5.34E-08	2.44E-08	1.12E-08	9.75E-10	2.35E-08	5.20E-09	8.00E-09	1.27E-08	2.24E-09	5.86E-09	5.85E-08
3774	498363.09	3851877.25	7.91E-05	9.14E-05	4.19E-05	2.74E-08	8.28E-08	4.79E-08	5.54E-08	5.02E-08	2.29E-08	1.05E-08	9.16E-10	2.21E-08	4.88E-09	7.52E-09	1.19E-08	2.10E-09	5.52E-09	5.50E-08
3775	471363.09	3852377.25	2.65E-05	3.06E-05	1.40E-05	9.17E-09	2.77E-08	1.60E-08	1.85E-08	1.68E-08	7.66E-09	3.51E-09	3.06E-10	7.40E-09	1.63E-09	2.51E-09	3.99E-09	7.03E-10	1.84E-09	1.84E-08
3776	471863.09	3852377.25	3.00E-05	3.46E-05	1.58E-05	1.04E-08	3.14E-08	1.82E-08	2.10E-08	1.90E-08	8.68E-09	3.97E-09	3.47E-10	8.38E-09	1.85E-09	2.85E-09	4.52E-09	7.96E-10	2.08E-09	2.08E-08
3777	472363.09	3852377.25	3.27E-05	3.78E-05	1.73E-05	1.13E-08	3.42E-08	1.98E-08	2.29E-08	2.08E-08	9.47E-09	4.33E-09	3.79E-10	9.15E-09	2.02E-09	3.11E-09	4.93E-09	8.69E-10	2.27E-09	2.27E-08
3778	472863.09	3852377.25	3.52E-05	4.07E-05	1.86E-05	1.22E-08	3.68E-08	2.13E-08	2.46E-08	2.23E-08	1.02E-08	4.66E-09	4.07E-10	9.84E-09	2.17E-09	3.35E-09	5.31E-09	9.35E-10	2.44E-09	2.45E-08
3779	473363.09	3852377.25	3.72E-05	4.30E-05	1.96E-05	1.29E-08	3.89E-08	2.25E-08	2.60E-08	2.36E-08	1.08E-08	4.92E-09	4.30E-10	1.04E-08	2.29E-09	3.54E-09	5.61E-09	9.89E-10	2.58E-09	2.58E-08
3780	473863.09	3852377.25	3.87E-05	4.47E-05	2.04E-05	1.34E-08	4.05E-08	2.34E-08	2.71E-08	2.46E-08	1.12E-08	5.11E-09	4.48E-10	1.08E-08	2.39E-09	3.68E-09	5.84E-09	1.03E-09	2.68E-09	2.69E-08
3781	474363.09	3852377.25	4.06E-05	4.69E-05	2.14E-05	1.41E-08	4.25E-08	2.46E-08	2.84E-08	2.58E-08	1.18E-08	5.36E-09	4.70E-10	1.14E-08	2.51E-09	3.86E-09	6.12E-09	1.08E-09	2.81E-09	2.82E-08
3782	474863.09	3852377.25	4.84E-05	5.59E-05	2.54E-05	1.68E-08	5.06E-08	2.93E-08	3.39E-08	3.07E-08	1.40E-08	6.37E-09	5.60E-10	1.35E-08	2.98E-09	4.60E-09	7.30E-09	1.29E-09	3.34E-09	3.36E-08
3783	475363.09	3852377.25	4.95E-05	5.72E-05	2.60E-05	1.72E-08	5.18E-08	3.00E-08	3.47E-08	3.14E-08	1.43E-08	6.52E-09	5.73E-10	1.38E-08	3.05E-09	4.71E-09	7.47E-09	1.32E-09	3.42E-09	3.44E-08
3784	475863.09	3852377.25	4.95E-05	5.73E-05	2.60E-05	1.72E-08	5.18E-08	3.00E-08	3.47E-08	3.14E-08	1.43E-08	6.51E-09	5.73E-10	1.38E-08	3.05E-09	4.71E-09	7.47E-09	1.32E-09	3.42E-09	3.44E-08
3785	476363.09	3852377.25	4.84E-05	5.60E-05	2.54E-05	1.68E-08	5.07E-08	2.93E-08	3.39E-08	3.08E-08	1.40E-08	6.37E-09	5.60E-10	1.35E-08	2.99E-09	4.61E-09	7.31E-09	1.29E-09	3.34E-09	3.36E-08
3786	476863.09	3852377.25	4.95E-05	5.73E-05	2.60E-05	1.72E-08	5.18E-08	3.00E-08	3.47E-08	3.14E-08	1.43E-08	6.51E-09	5.73E-10	1.38E-08	3.05E-09	4.71E-09	7.47E-09	1.32E-09	3.42E-09	3.44E-08
3787	477363.09	3852377.25	5.08E-05	5.87E-05	2.66E-05	1.76E-08	5.31E-08	3.07E-08	3.56E-08	3.22E-08	1.47E-08	6.67E-09	5.87E-10	1.42E-08	3.13E-09	4.83E-09	7.66E-09	1.35E-09	3.50E-09	3.52E-08
3788	477863.09	3852377.25	4.93E-05	5.71E-05	2.59E-05	1.71E-08	5.16E-08	2.99E-08	3.46E-08	3.13E-08	1.43E-08	6.49E-09	5.71E-10	1.38E-08	3.04E-09	4.69E-09	7.44E-09	1.31E-09	3.40E-09	3.43E-08
3789	478363.09	3852377.25	5.14E-05	5.94E-05	2.70E-05	1.78E-08	5.37E-08	3.11E-08	3.60E-08	3.26E-08	1.49E-08	6.75E-09	5.94E-10	1.44E-08	3.17E-09	4.89E-09	7.75E-09	1.37E-09	3.54E-09	3.57E-08
3790	478863.09	3852377.25	6.79E-05	7.86E-05	3.55E-05	2.35E-08	7.10E-08	4.11E-08	4.76E-08	4.31E-08	1.97E-08	8.91E-09	7.86E-10	1.90E-08	4.19E-09	6.46E-09	1.02E-08	1.81E-09	4.67E-09	4.71E-08
3791	479363.09	3852377.25	7.98E-05	9.23E-05	4.17E-05	2.76E-08	8.35E-08	4.83E-08	5.59E-08	5.07E-08	2.31E-08	1.05E-08	9.23E-10	2.23E-08	4.92E-09	7.59E-09	1.20E-08	2.12E-09	5.49E-09	5.54E-08
3792	479863.09	3852377.25	8.93E-05	1.03E-04	4.67E-05	3.09E-08	9.34E-08	5.41E-08	6.26E-08	5.67E-08	2.59E-08	1.17E-08	1.03E-09	2.50E-08	5.51E-09	8.50E-09	1.35E-08	2.38E-09	6.14E-09	6.20E-08
3793	480363.09	3852377.25	9.02E-05	1.04E-04	4.72E-05	3.13E-08	9.44E-08	5.47E-08	6.33E-08	5.73E-08	2.62E-08	1.18E-08	1.04E-09	2.52E-08	5.57E-09	8.59E-09	1.36E-08	2.40E-09	6.20E-09	6.26E-08
3794	480863.09	3852377.25	8.87E-05	1.03E-04	4.64E-05	3.08E-08	9.29E-08	5.38E-08	6.22E-08	5.64E-08	2.57E-08	1.16E-08	1.03E-09	2.48E-08	5.47E-09	8.45E-09	1.34E-08	2.36E-09	6.10E-09	6.16E-08
3795	481363.09	3852377.25	9.15E-05	1.06E-04	4.78E-05	3.17E-08	9.58E-08	5.54E-08	6.42E-08	5.82E-08	2.65E-08	1.20E-08	1.06E-09	2.56E-08	5.65E-09	8.71E-09	1.38E-08	2.44E-09	6.29E-09	6.35E-08
3796	481863.09	3852377.25	1.25E-04	1.44E-04	6.50E-05	4.32E-08	1.30E-07	7.55E-08	8.74E-08	7.92E-08	3.61E-08	1.63E-08	1.44E-09	3.48E-08	7.69E-09	1.19E-08	1.88E-08	3.32E-09	8.55E-09	8.65E-08
3797	482363.09	3852377.25	1.42E-04	1.65E-04	7.42E-05	4.93E-08	1.49E-07	8.62E-08	9.97E-08	9.04E-08	4.13E-08	1.86E-08	1.65E-09	3.98E-08	8.77E-09	1.35E-08	2.15E-08	3.79E-09	9.76E-09	9.88E-08
3798	482863.09	3852377.25	1.19E-04	1.37E-04	6.19E-05	4.11E-08	1.24E-07	7.18E-08	8.31E-08	7.53E-08	3.44E-08	1.55E-08	1.37E-09	3.31E-08	7.31E-09	1.13E-08	1.79E-08	3.15E-09	8.15E-09	8.23E-08
3799	483363.09	3852377.25	9.55E-05	1.10E-04	5.00E-05	3.31E-08	9.99E-08	5.78E-08	6.69E-08	6.06E-08	2.77E-08	1.25E-08	1.10E-09	2.67E-08	5.89E-09	9.08E-09	1.44E-08	2.54E-09	6.58E-09	6.63E-08
3800	483863.09	3852377.25	7.31E-05	8.45E-05	3.84E-05	2.53E-08	7.65E-08	4.43E-08	5.12E-08	4.64E-08	2.12E-08	9.61E-09	8.46E-10	2.04E-08	4.51E-09	6.95E-09	1.10E-08	1.94E-09	5.04E-09	5.07E-08
3801	484363.09	3852377.25	8.02E-05	9.28E-05	4.21E-05	2.78E-08	8.40E-08	4.86E-08	5.62E-08	5.10E-08	2.33E-08	1.05E-08	9.29E-10	2.24E-08	4.95E-09	7.63E-09	1.21E-08	2.13E-09	5.54E-09	5.57E-08
3802	484863.09	3852377.25	7.87E-05	9.10E-05	4.14E-05	2.73E-08	8.24E-08	4.77E-08	5.51E-08	5.00E-08	2.28E-08	1.04E-08	9.11E-10	2.20E-08	4.86E-09	7.49E-09	1.19E-08	2.09E-09	5.44E-09	5.47E-08
3803	485363.09	3852377.25	7.66E-05	8.85E-05	4.02E-05	2.65E-08	8.01E-08	4.64E-08	5.36E-08	4.86E-08	2.22E-08	1.01E-08	8.86E-10	2.14E-08	4.72E-09	7.28E-09	1.16E-08	2.04E-09	5.29E-09	5.32E-08
3804	485863.09	3852377.25	6.44E-05	7.44E-05	3.40E-05	2.23E-08	6.74E-08	3.90E-08	4.51E-08	4.09E-08	1.86E-08	8.51E-09	7.45E-10	1.80E-08	3.97E-09	6.12E-09	9.71E-09	1.71E-09	4.47E-09	4.47E-08
3805	486363.09	3852377.25	4.78E-05	5.52E-05	2.54E-05	1.66E-08	5.01E-08	2.90E-08	3.34E-08	3.03E-08	1.38E-08	6.37E-09	5.54E-10	1.34E-08	2.95E-09	4.54E-09	7.20E-09	1.27E-09	3.34E-09	3.32E-08
3806	486863.09	3852377.25	4.38E-05	5.06E-05	2.34E-05	1.52E-08	4.59E-08	2.65E-08	3.06E-08	2.78E-08	1.27E-08	5.85E-09	5.07E-10	1.23E-08	2.70E-09	4.16E-09	6.60E-09	1.16E-09	3.07E-09	3.05E-08
3807	487363.09	3852377.25	4.01E-05	4.63E-05	2.13E-05	1.39E-08	4.19E-08	2.43E-08	2.80E-08	2.54E-08	1.16E-08	5.34E-09	4.64E-10	1.12E-08	2.47E-09	3.81E-09	6.04E-09	1.06E-09	2.80E-09	2.79E-08
3808	487863.09	3852377.25	3.83E-05	4.43E-05	2.04E-05	1.33E-08	4.01E-08	2.32E-08	2.68E-08	2.43E-08	1.11E-08	5.11E-09	4.44E-10	1.07E-08	2.37E-09	3.64E-09	5.77E-09	1.02E-09	2.68E-09	2.66E-08

3809	488363.09	3852377.25	3.72E-05	4.30E-05	1.98E-05	1.29E-08	3.90E-08	2.26E-08	2.60E-08	2.36E-08	1.08E-08	4.97E-09	4.31E-10	1.04E-08	2.30E-09	3.54E-09	5.61E-09	9.88E-10	2.61E-09	2.59E-08
3810	488863.09	3852377.25	3.72E-05	4.29E-05	1.99E-05	1.29E-08	3.89E-08	2.25E-08	2.60E-08	2.36E-08	1.08E-08	4.97E-09	4.31E-10	1.04E-08	2.30E-09	3.53E-09	5.60E-09	9.87E-10	2.61E-09	2.59E-08
3811	489363.09	3852377.25	4.00E-05	4.62E-05	2.13E-05	1.39E-08	4.19E-08	2.43E-08	2.80E-08	2.54E-08	1.16E-08	5.35E-09	4.63E-10	1.12E-08	2.47E-09	3.80E-09	6.03E-09	1.06E-09	2.81E-09	2.78E-08
3812	489863.09	3852377.25	4.13E-05	4.77E-05	2.20E-05	1.43E-08	4.33E-08	2.50E-08	2.89E-08	2.62E-08	1.20E-08	5.51E-09	4.78E-10	1.16E-08	2.55E-09	3.92E-09	6.22E-09	1.10E-09	2.89E-09	2.87E-08
3813	490363.09	3852377.25	4.99E-05	5.76E-05	2.65E-05	1.73E-08	5.22E-08	3.02E-08	3.49E-08	3.16E-08	1.44E-08	6.63E-09	5.77E-10	1.39E-08	3.08E-09	4.74E-09	7.52E-09	1.32E-09	3.48E-09	3.47E-08
3814	490863.09	3852377.25	5.81E-05	6.71E-05	3.07E-05	2.01E-08	6.08E-08	3.52E-08	4.07E-08	3.69E-08	1.68E-08	7.70E-09	6.72E-10	1.62E-08	3.58E-09	5.52E-09	8.76E-09	1.54E-09	4.04E-09	4.04E-08
3815	491363.09	3852377.25	7.28E-05	8.41E-05	3.84E-05	2.52E-08	7.61E-08	4.41E-08	5.09E-08	4.62E-08	2.11E-08	9.62E-09	8.42E-10	2.03E-08	4.49E-09	6.92E-09	1.10E-08	1.93E-09	5.05E-09	5.05E-08
3816	491863.09	3852377.25	7.94E-05	9.17E-05	4.18E-05	2.75E-08	8.31E-08	4.81E-08	5.56E-08	5.04E-08	2.30E-08	1.05E-08	9.19E-10	2.22E-08	4.90E-09	7.55E-09	1.20E-08	2.11E-09	5.50E-09	5.51E-08
3817	492363.09	3852377.25	8.45E-05	9.77E-05	4.46E-05	2.93E-08	8.85E-08	5.12E-08	5.92E-08	5.37E-08	2.45E-08	1.12E-08	9.78E-10	2.36E-08	5.21E-09	8.04E-09	1.27E-08	2.25E-09	5.86E-09	5.87E-08
3818	492863.09	3852377.25	9.37E-05	1.08E-04	4.94E-05	3.25E-08	9.80E-08	5.67E-08	6.56E-08	5.94E-08	2.71E-08	1.24E-08	1.08E-09	2.62E-08	5.78E-09	8.90E-09	1.41E-08	2.49E-09	6.49E-09	6.50E-08
3819	493363.09	3852377.25	1.08E-04	1.25E-04	5.68E-05	3.73E-08	1.13E-07	6.52E-08	7.54E-08	6.84E-08	3.12E-08	1.42E-08	1.25E-09	3.01E-08	6.64E-09	1.02E-08	1.62E-08	2.86E-09	7.46E-09	7.48E-08
3820	493863.09	3852377.25	1.09E-04	1.27E-04	5.77E-05	3.79E-08	1.15E-07	6.63E-08	7.66E-08	6.95E-08	3.17E-08	1.45E-08	1.27E-09	3.06E-08	6.75E-09	1.04E-08	1.65E-08	2.91E-09	7.59E-09	7.60E-08
3821	494363.09	3852377.25	1.10E-04	1.27E-04	5.81E-05	3.82E-08	1.15E-07	6.67E-08	7.71E-08	6.99E-08	3.19E-08	1.46E-08	1.28E-09	3.08E-08	6.80E-09	1.05E-08	1.66E-08	2.93E-09	7.64E-09	7.65E-08
3822	494863.09	3852377.25	1.17E-04	1.36E-04	6.18E-05	4.06E-08	1.23E-07	7.10E-08	8.21E-08	7.45E-08	3.40E-08	1.55E-08	1.36E-09	3.28E-08	7.23E-09	1.12E-08	1.77E-08	3.12E-09	8.12E-09	8.15E-08
3823	495363.09	3852377.25	1.24E-04	1.44E-04	6.55E-05	4.31E-08	1.30E-07	7.53E-08	8.71E-08	7.90E-08	3.60E-08	1.64E-08	1.44E-09	3.48E-08	7.67E-09	1.18E-08	1.88E-08	3.31E-09	8.61E-09	8.64E-08
3824	495863.09	3852377.25	1.21E-04	1.40E-04	6.36E-05	4.19E-08	1.26E-07	7.32E-08	8.46E-08	7.67E-08	3.50E-08	1.59E-08	1.40E-09	3.38E-08	7.45E-09	1.15E-08	1.82E-08	3.21E-09	8.36E-09	8.39E-08
3825	496363.09	3852377.25	1.17E-04	1.35E-04	6.15E-05	4.04E-08	1.22E-07	7.06E-08	8.17E-08	7.40E-08	3.38E-08	1.54E-08	1.35E-09	3.26E-08	7.19E-09	1.11E-08	1.76E-08	3.10E-09	8.08E-09	8.10E-08
3826	496863.09	3852377.25	1.14E-04	1.32E-04	6.00E-05	3.94E-08	1.19E-07	6.89E-08	7.97E-08	7.22E-08	3.30E-08	1.50E-08	1.32E-09	3.18E-08	7.02E-09	1.08E-08	1.72E-08	3.02E-09	7.89E-09	7.90E-08
3827	497363.09	3852377.25	1.04E-04	1.20E-04	5.50E-05	3.61E-08	1.09E-07	6.31E-08	7.29E-08	6.61E-08	3.02E-08	1.38E-08	1.21E-09	2.91E-08	6.42E-09	9.90E-09	1.57E-08	2.77E-09	7.24E-09	7.23E-08
3828	497863.09	3852377.25	9.43E-05	1.09E-04	4.99E-05	3.27E-08	9.86E-08	5.71E-08	6.60E-08	5.98E-08	2.73E-08	1.25E-08	1.09E-09	2.63E-08	5.81E-09	8.95E-09	1.42E-08	2.50E-09	6.56E-09	6.55E-08
3829	498363.09	3852377.25	8.54E-05	9.86E-05	4.53E-05	2.96E-08	8.93E-08	5.17E-08	5.97E-08	5.41E-08	2.47E-08	1.14E-08	9.88E-10	2.39E-08	5.27E-09	8.11E-09	1.29E-08	2.27E-09	5.96E-09	5.93E-08
3830	471363.09	3852877.25	2.95E-05	3.41E-05	1.56E-05	1.02E-08	3.09E-08	1.79E-08	2.07E-08	1.87E-08	8.54E-09	3.91E-09	3.42E-10	8.25E-09	1.82E-09	2.80E-09	4.45E-09	7.84E-10	2.05E-09	2.05E-08
3831	471863.09	3852877.25	3.21E-05	3.71E-05	1.70E-05	1.11E-08	3.36E-08	1.94E-08	2.25E-08	2.04E-08	9.29E-09	4.25E-09	3.71E-10	8.97E-09	1.98E-09	3.05E-09	4.84E-09	8.53E-10	2.23E-09	2.23E-08
3832	472363.09	3852877.25	3.50E-05	4.04E-05	1.85E-05	1.21E-08	3.66E-08	2.12E-08	2.45E-08	2.22E-08	1.01E-08	4.63E-09	4.05E-10	9.78E-09	2.16E-09	3.32E-09	5.27E-09	9.30E-10	2.43E-09	2.43E-08
3833	472863.09	3852877.25	3.72E-05	4.30E-05	1.96E-05	1.29E-08	3.90E-08	2.26E-08	2.61E-08	2.36E-08	1.08E-08	4.92E-09	4.31E-10	1.04E-08	2.30E-09	3.54E-09	5.62E-09	9.90E-10	2.58E-09	2.59E-08
3834	473363.09	3852877.25	3.99E-05	4.62E-05	2.11E-05	1.38E-08	4.18E-08	2.42E-08	2.80E-08	2.54E-08	1.16E-08	5.28E-09	4.62E-10	1.12E-08	2.46E-09	3.80E-09	6.02E-09	1.06E-09	2.77E-09	2.77E-08
3835	473863.09	3852877.25	4.34E-05	5.01E-05	2.29E-05	1.50E-08	4.54E-08	2.63E-08	3.04E-08	2.75E-08	1.26E-08	5.73E-09	5.02E-10	1.21E-08	2.68E-09	4.12E-09	6.54E-09	1.15E-09	3.01E-09	3.01E-08
3836	474363.09	3852877.25	4.75E-05	5.49E-05	2.50E-05	1.65E-08	4.97E-08	2.88E-08	3.33E-08	3.02E-08	1.38E-08	6.27E-09	5.50E-10	1.33E-08	2.93E-09	4.52E-09	7.17E-09	1.26E-09	3.29E-09	3.30E-08
3837	474863.09	3852877.25	4.62E-05	5.34E-05	2.43E-05	1.60E-08	4.83E-08	2.80E-08	3.24E-08	2.93E-08	1.34E-08	6.10E-09	5.35E-10	1.29E-08	2.85E-09	4.39E-09	6.97E-09	1.23E-09	3.20E-09	3.21E-08
3838	475363.09	3852877.25	5.11E-05	5.91E-05	2.69E-05	1.77E-08	5.35E-08	3.10E-08	3.58E-08	3.24E-08	1.48E-08	6.74E-09	5.91E-10	1.43E-08	3.15E-09	4.86E-09	7.71E-09	1.36E-09	3.53E-09	3.55E-08
3839	475863.09	3852877.25	5.34E-05	6.17E-05	2.81E-05	1.85E-08	5.58E-08	3.23E-08	3.74E-08	3.39E-08	1.55E-08	7.03E-09	6.18E-10	1.49E-08	3.29E-09	5.08E-09	8.05E-09	1.42E-09	3.69E-09	3.71E-08
3840	476363.09	3852877.25	5.20E-05	6.02E-05	2.73E-05	1.80E-08	5.44E-08	3.15E-08	3.64E-08	3.30E-08	1.51E-08	6.85E-09	6.02E-10	1.45E-08	3.21E-09	4.95E-09	7.85E-09	1.38E-09	3.60E-09	3.61E-08
3841	476863.09	3852877.25	4.73E-05	5.47E-05	2.49E-05	1.64E-08	4.95E-08	2.86E-08	3.31E-08	3.00E-08	1.37E-08	6.23E-09	5.47E-10	1.32E-08	2.92E-09	4.50E-09	7.13E-09	1.26E-09	3.27E-09	3.28E-08
3842	477363.09	3852877.25	4.28E-05	4.95E-05	2.25E-05	1.48E-08	4.48E-08	2.59E-08	3.00E-08	2.72E-08	1.24E-08	5.65E-09	4.96E-10	1.20E-08	2.64E-09	4.07E-09	6.46E-09	1.14E-09	2.96E-09	2.97E-08
3843	477863.09	3852877.25	3.80E-05	4.39E-05	2.00E-05	1.32E-08	3.98E-08	2.30E-08	2.66E-08	2.41E-08	1.10E-08	5.02E-09	4.40E-10	1.06E-08	2.34E-09	3.61E-09	5.73E-09	1.01E-09	2.63E-09	2.64E-08
3844	478363.09	3852877.25	2.98E-05	3.44E-05	1.57E-05	1.03E-08	3.11E-08	1.80E-08	2.08E-08	1.89E-08	8.61E-09	3.94E-09	3.44E-10	8.32E-09	1.84E-09	2.83E-09	4.49E-09	7.90E-10	2.07E-09	2.07E-08
3845	478863.09	3852877.25	3.58E-05	4.14E-05	1.89E-05	1.24E-08	3.75E-08	2.17E-08	2.51E-08	2.27E-08	1.04E-08	4.73E-09	4.14E-10	1.00E-08	2.21E-09	3.40E-09	5.40E-09	9.52E-10	2.48E-09	2.49E-08
3846	479363.09	3852877.25	5.32E-05	6.15E-05	2.79E-05	1.84E-08	5.56E-08	3.22E-08	3.72E-08	3.38E-08	1.54E-08	6.99E-09	6.15E-10	1.49E-08	3.28E-09	5.06E-09	8.02E-09	1.41E-09	3.67E-09	3.69E-08
3847	479863.09	3852877.25	9.15E-05	1.06E-04	4.78E-05	3.17E-08	9.57E-08	5.54E-08	6.41E-08	5.81E-08	2.65E-08	1.20E-08	1.06E-09	2.56E-08	5.64E-09	8.71E-09	1.38E-08	2.43E-09	6.29E-09	6.35E-08
3848	480363.09	3852877.25	1.10E-04	1.27E-04	5.75E-05	3.81E-08	1.15E-07	6.67E-08	7.71E-08	6.99E-08	3.19E-08	1.44E-08	1.27E-09	3.08E-08	6.79E-09	1.05E-08	1.66E-08	2.93E-09	7.56E-09	7.64E-08
3849	480863.09	3852877.25	1.16E-04	1.34E-04	6.04E-05	4.01E-08	1.21E-07	7.01E-08	8.11E-08	7.35E-08	3.36E-08	1.51E-08	1.34E-09	3.23E-08	7.14E-09	1.10E-08	1.75E-08	3.08E-09	7.95E-09	8.03E-08
3850	481363.09	3852877.25	1.14E-04	1.32E-04	5.95E-05	3.95E-08	1.19E-07	6.90E-08	7.99E-08	7.24E-08	3.30E-08	1.49E-08	1.32E-09	3.18E-08	7.03E-09	1.08E-08	1.72E-08	3.03E-09	7.83E-09	7.91E-08
3851	481863.09	3852877.25	1.15E-04	1.33E-04	6.00E-05	3.98E-08	1.20E-07	6.96E-08	8.05E-08	7.30E-08	3.33E-08	1.50E-08	1.33E-09	3.21E-08	7.09E-09	1.09E-08	1.73E-08	3.06E-09	7.90E-09	7.98E-08
3852	482363.09	3852877.25	1.56E-04	1.80E-04	8.14E-05	5.40E-08	1.63E-07	9.45E-08	1.09E-07	9.91E-08	4.52E-08	2.04E-08	1.80E-09	4.36E-08	9.62E-09	1.48E-08	2.35E-08	4.15E-09	1.07E-08	1.08E-07
3853	482863.09	3852877.25	1.79E-04	2.07E-04	9.32E-05	6.19E-08	1.87E-07	1.08E-07	1.25E-07	1.14E-07	5.18E-08	2.34E-08	2.07E-09	5.00E-08	1.10E-08	1.70E-08	2.70E-08	4.76E-09	1.23E-08	1.24E-07
3854	483363.09	3852877.25	1.50E-04	1.74E-04	7.85E-05	5.21E-08	1.57E-07	9.10E-08	1.05E-07	9.55E-08	4.36E-08	1.97E-08	1.74E-09	4.20E-08	9.27E-09	1.43E-08	2.27E-08	4.00E-09	1.03E-08	1.04E-07
3855	483863.09	3852877.25	1.11E-04	1.29E-04	5.83E-05	3.86E-08	1.17E-07	6.74E-08	7.80E-08	7.07E-08	3.23E-08	1.46E-08	1.29E-09	3.11E-08	6.87E-09	1.06E-08	1.68E-08	2.96E-09	7.67E-09	7.73E-08
3856	484363.09	3852877.25	1.18E-04	1.37E-04	6.19E-05	4.10E-08	1.24E-07	7.17E-08	8.30E-08	7.52E-08	3.43E-08	1.55E-08	1.37E-09	3.31E-08	7.30E-09	1.13E-08	1.79E-08	3.15E-09	8.14E-09	8.22E-08
3857	484863.09	3852877.25	1.13E-04	1.31E-04	5.92E-05	3.91E-08	1.18E-07	6.84E-08	7.91E-08	7.17E-08	3.27E-08	1.48E-08	1.31E-09	3.16E-08	6.96E-09	1.07E-08	1.70E-08	3.00E-09	7.78E-09	7.84E-08
3858	485363.09	3852877.25	7.68E-05	8.88E-05	4.05E-05	2.66E-08	8.04E-08	4.65E-08	5.38E-08	4.87E-08	2.22E-08	1.01E-08	8.89E-10	2.15E-08	4.74E-09	7.30E-09	1.16E-08	2.04E-09	5.32E-09	5.33E-08
3859	485863.09	3852877.25	6.16E-05	7.12E-05	3.25E-05	2.13E-08	6.44E-08	3.73E-08	4.31E-08	3.91E-08	1.78E-08	8.15E-09	7.13E-10	1.72E-08	3.80E-09	5.85E-09	9.28E-09	1.64E-09	4.28E-09	4.28E-08
3860	486363.09	3852877.25	4.92E-05	5.68E-05	2.62E-05	1.71E-08	5.15E-08	2.98E-08	3.44E-08	3.12E-08	1.42E-08	6.56E-09	5.70E-10	1.38E-08	3.04E-09	4.67E-09	7.41E-09	1.31E-09	3.45E-09	3.42E-08
3861	486863.09	3852877.25	4.83E-05	5.57E-05	2.57E-05	1.67E-08	5.05E-08	2.93E-08	3.38E-08	3.06E-08	1.40E-08	6.45E-09	5.59E-10	1.35E-08	2.98E-09	4.58E-09	7.27E-09	1.28E-09	3.39E-09	3.36E-08

3862	487363.09	3852877.25	4.54E-05	5.24E-05	2.42E-05	1.57E-08	4.76E-08	2.75E-08	3.18E-08	2.88E-08	1.31E-08	6.06E-09	5.26E-10	1.27E-08	2.80E-09	4.31E-09	6.84E-09	1.21E-09	3.18E-09	3.16E-08
3863	487863.09	3852877.25	4.63E-05	5.35E-05	2.46E-05	1.61E-08	4.85E-08	2.81E-08	3.24E-08	2.94E-08	1.34E-08	6.17E-09	5.36E-10	1.30E-08	2.86E-09	4.40E-09	6.98E-09	1.23E-09	3.24E-09	3.22E-08
3864	488363.09	3852877.25	3.95E-05	4.56E-05	2.11E-05	1.37E-08	4.13E-08	2.39E-08	2.76E-08	2.50E-08	1.14E-08	5.28E-09	4.57E-10	1.10E-08	2.44E-09	3.75E-09	5.94E-09	1.05E-09	2.77E-09	2.74E-08
3865	488863.09	3852877.25	4.88E-05	5.64E-05	2.60E-05	1.69E-08	5.11E-08	2.96E-08	3.41E-08	3.09E-08	1.41E-08	6.51E-09	5.65E-10	1.36E-08	3.01E-09	4.64E-09	7.35E-09	1.30E-09	3.41E-09	3.39E-08
3866	489363.09	3852877.25	5.67E-05	6.54E-05	3.00E-05	1.96E-08	5.93E-08	3.43E-08	3.96E-08	3.59E-08	1.64E-08	7.53E-09	6.56E-10	1.58E-08	3.49E-09	5.38E-09	8.54E-09	1.50E-09	3.95E-09	3.94E-08
3867	489863.09	3852877.25	6.47E-05	7.48E-05	3.43E-05	2.24E-08	6.77E-08	3.92E-08	4.53E-08	4.11E-08	1.87E-08	8.58E-09	7.49E-10	1.81E-08	3.99E-09	6.15E-09	9.76E-09	1.72E-09	4.50E-09	4.50E-08
3868	490363.09	3852877.25	8.86E-05	1.02E-04	4.67E-05	3.07E-08	9.27E-08	5.36E-08	6.20E-08	5.62E-08	2.56E-08	1.17E-08	1.02E-09	2.48E-08	5.46E-09	8.42E-09	1.34E-08	2.35E-09	6.14E-09	6.15E-08
3869	490863.09	3852877.25	1.03E-04	1.19E-04	5.41E-05	3.57E-08	1.08E-07	6.23E-08	7.21E-08	6.53E-08	2.98E-08	1.36E-08	1.19E-09	2.88E-08	6.35E-09	9.79E-09	1.55E-08	2.74E-09	7.12E-09	7.15E-08
3870	491363.09	3852877.25	1.17E-04	1.35E-04	6.13E-05	4.04E-08	1.22E-07	7.07E-08	8.17E-08	7.41E-08	3.38E-08	1.54E-08	1.35E-09	3.26E-08	7.20E-09	1.11E-08	1.76E-08	3.10E-09	8.06E-09	8.10E-08
3871	491863.09	3852877.25	1.25E-04	1.44E-04	6.56E-05	4.33E-08	1.31E-07	7.56E-08	8.75E-08	7.93E-08	3.62E-08	1.64E-08	1.45E-09	3.49E-08	7.70E-09	1.19E-08	1.88E-08	3.32E-09	8.63E-09	8.67E-08
3872	492363.09	3852877.25	1.34E-04	1.55E-04	7.06E-05	4.65E-08	1.40E-07	8.13E-08	9.40E-08	8.52E-08	3.89E-08	1.77E-08	1.55E-09	3.75E-08	8.28E-09	1.28E-08	2.03E-08	3.57E-09	9.28E-09	9.32E-08
3873	492863.09	3852877.25	1.50E-04	1.74E-04	7.90E-05	5.21E-08	1.57E-07	9.10E-08	1.05E-07	9.54E-08	4.35E-08	1.98E-08	1.74E-09	4.20E-08	9.26E-09	1.43E-08	2.27E-08	3.99E-09	1.04E-08	1.04E-07
3874	493363.09	3852877.25	1.61E-04	1.86E-04	8.45E-05	5.57E-08	1.68E-07	9.73E-08	1.13E-07	1.02E-07	4.66E-08	2.12E-08	1.86E-09	4.49E-08	9.91E-09	1.53E-08	2.42E-08	4.27E-09	1.11E-08	1.12E-07
3875	493863.09	3852877.25	1.60E-04	1.85E-04	8.43E-05	5.56E-08	1.68E-07	9.71E-08	1.12E-07	1.02E-07	4.65E-08	2.11E-08	1.86E-09	4.48E-08	9.89E-09	1.52E-08	2.42E-08	4.26E-09	1.11E-08	1.11E-07
3876	494363.09	3852877.25	1.60E-04	1.85E-04	8.42E-05	5.56E-08	1.68E-07	9.71E-08	1.12E-07	1.02E-07	4.64E-08	2.11E-08	1.86E-09	4.48E-08	9.89E-09	1.52E-08	2.42E-08	4.26E-09	1.11E-08	1.11E-07
3877	494863.09	3852877.25	1.63E-04	1.89E-04	8.56E-05	5.65E-08	1.71E-07	9.87E-08	1.14E-07	1.04E-07	4.72E-08	2.15E-08	1.89E-09	4.56E-08	1.01E-08	1.55E-08	2.46E-08	4.33E-09	1.13E-08	1.13E-07
3878	495363.09	3852877.25	1.55E-04	1.80E-04	8.17E-05	5.39E-08	1.63E-07	9.41E-08	1.09E-07	9.87E-08	4.50E-08	2.05E-08	1.80E-09	4.34E-08	9.59E-09	1.48E-08	2.34E-08	4.13E-09	1.07E-08	1.08E-07
3879	495863.09	3852877.25	1.47E-04	1.70E-04	7.75E-05	5.10E-08	1.54E-07	8.92E-08	1.03E-07	9.35E-08	4.26E-08	1.94E-08	1.70E-09	4.12E-08	9.08E-09	1.40E-08	2.22E-08	3.91E-09	1.02E-08	1.02E-07
3880	496363.09	3852877.25	1.45E-04	1.67E-04	7.62E-05	5.01E-08	1.51E-07	8.76E-08	1.01E-07	9.18E-08	4.19E-08	1.91E-08	1.67E-09	4.04E-08	8.92E-09	1.38E-08	2.18E-08	3.85E-09	1.00E-08	1.00E-07
3881	496863.09	3852877.25	1.38E-04	1.59E-04	7.27E-05	4.78E-08	1.44E-07	8.35E-08	9.65E-08	8.75E-08	3.99E-08	1.82E-08	1.59E-09	3.85E-08	8.50E-09	1.31E-08	2.08E-08	3.66E-09	9.56E-09	9.57E-08
3882	497363.09	3852877.25	1.19E-04	1.38E-04	6.30E-05	4.13E-08	1.25E-07	7.23E-08	8.35E-08	7.57E-08	3.45E-08	1.58E-08	1.38E-09	3.33E-08	7.36E-09	1.13E-08	1.80E-08	3.17E-09	8.29E-09	8.29E-08
3883	497863.09	3852877.25	9.20E-05	1.06E-04	4.88E-05	3.19E-08	9.62E-08	5.57E-08	6.43E-08	5.83E-08	2.66E-08	1.22E-08	1.06E-09	2.57E-08	5.67E-09	8.73E-09	1.39E-08	2.44E-09	6.42E-09	6.39E-08
3884	498363.09	3852877.25	8.67E-05	1.00E-04	4.61E-05	3.00E-08	9.07E-08	5.25E-08	6.06E-08	5.49E-08	2.51E-08	1.16E-08	1.00E-09	2.42E-08	5.35E-09	8.23E-09	1.31E-08	2.30E-09	6.06E-09	6.02E-08
3885	471363.09	3853377.25	3.10E-05	3.58E-05	1.64E-05	1.07E-08	3.24E-08	1.87E-08	2.17E-08	1.96E-08	8.96E-09	4.10E-09	3.58E-10	8.65E-09	1.91E-09	2.94E-09	4.66E-09	8.22E-10	2.15E-09	2.15E-08
3886	471863.09	3853377.25	3.40E-05	3.93E-05	1.80E-05	1.18E-08	3.56E-08	2.06E-08	2.38E-08	2.16E-08	9.84E-09	4.50E-09	3.93E-10	9.50E-09	2.10E-09	3.23E-09	5.12E-09	9.03E-10	2.36E-09	2.36E-08
3887	472363.09	3853377.25	3.65E-05	4.22E-05	1.93E-05	1.27E-08	3.82E-08	2.21E-08	2.56E-08	2.32E-08	1.06E-08	4.83E-09	4.23E-10	1.02E-08	2.25E-09	3.47E-09	5.51E-09	9.71E-10	2.54E-09	2.54E-08
3888	472863.09	3853377.25	3.91E-05	4.52E-05	2.06E-05	1.36E-08	4.09E-08	2.37E-08	2.74E-08	2.48E-08	1.13E-08	5.17E-09	4.53E-10	1.09E-08	2.41E-09	3.72E-09	5.90E-09	1.04E-09	2.71E-09	2.72E-08
3889	473363.09	3853377.25	4.12E-05	4.76E-05	2.17E-05	1.43E-08	4.31E-08	2.50E-08	2.89E-08	2.62E-08	1.19E-08	5.45E-09	4.77E-10	1.15E-08	2.54E-09	3.92E-09	6.22E-09	1.10E-09	2.86E-09	2.86E-08
3890	473863.09	3853377.25	4.37E-05	5.05E-05	2.30E-05	1.51E-08	4.57E-08	2.64E-08	3.06E-08	2.77E-08	1.26E-08	5.77E-09	5.05E-10	1.22E-08	2.69E-09	4.15E-09	6.58E-09	1.16E-09	3.03E-09	3.03E-08
3891	474363.09	3853377.25	4.63E-05	5.35E-05	2.44E-05	1.60E-08	4.84E-08	2.80E-08	3.24E-08	2.94E-08	1.34E-08	6.11E-09	5.36E-10	1.29E-08	2.86E-09	4.40E-09	6.98E-09	1.23E-09	3.21E-09	3.21E-08
3892	474863.09	3853377.25	4.69E-05	5.42E-05	2.47E-05	1.63E-08	4.91E-08	2.84E-08	3.29E-08	2.98E-08	1.36E-08	6.19E-09	5.43E-10	1.31E-08	2.89E-09	4.46E-09	7.08E-09	1.25E-09	3.25E-09	3.26E-08
3893	475363.09	3853377.25	4.85E-05	5.60E-05	2.55E-05	1.68E-08	5.07E-08	2.94E-08	3.40E-08	3.08E-08	1.40E-08	6.40E-09	5.61E-10	1.36E-08	2.99E-09	4.61E-09	7.31E-09	1.29E-09	3.36E-09	3.37E-08
3894	475863.09	3853377.25	4.96E-05	5.74E-05	2.61E-05	1.72E-08	5.19E-08	3.01E-08	3.48E-08	3.15E-08	1.44E-08	6.55E-09	5.74E-10	1.39E-08	3.06E-09	4.72E-09	7.49E-09	1.32E-09	3.44E-09	3.45E-08
3895	476363.09	3853377.25	4.69E-05	5.43E-05	2.47E-05	1.63E-08	4.91E-08	2.84E-08	3.29E-08	2.98E-08	1.36E-08	6.20E-09	5.43E-10	1.31E-08	2.90E-09	4.46E-09	7.08E-09	1.25E-09	3.25E-09	3.26E-08
3896	476863.09	3853377.25	4.09E-05	4.72E-05	2.16E-05	1.42E-08	4.28E-08	2.47E-08	2.86E-08	2.59E-08	1.18E-08	5.40E-09	4.73E-10	1.14E-08	2.52E-09	3.88E-09	6.16E-09	1.09E-09	2.84E-09	2.84E-08
3897	477363.09	3853377.25	4.02E-05	4.65E-05	2.12E-05	1.39E-08	4.21E-08	2.44E-08	2.81E-08	2.55E-08	1.16E-08	5.32E-09	4.65E-10	1.12E-08	2.48E-09	3.82E-09	6.06E-09	1.07E-09	2.79E-09	2.79E-08
3898	477863.09	3853377.25	4.04E-05	4.67E-05	2.13E-05	1.40E-08	4.23E-08	2.45E-08	2.83E-08	2.57E-08	1.17E-08	5.35E-09	4.68E-10	1.13E-08	2.50E-09	3.84E-09	6.10E-09	1.07E-09	2.81E-09	2.81E-08
3899	478363.09	3853377.25	3.43E-05	3.97E-05	1.82E-05	1.19E-08	3.59E-08	2.08E-08	2.40E-08	2.18E-08	9.94E-09	4.55E-09	3.98E-10	9.60E-09	2.12E-09	3.26E-09	5.18E-09	9.13E-10	2.39E-09	2.39E-08
3900	478863.09	3853377.25	2.68E-05	3.10E-05	1.42E-05	9.30E-09	2.81E-08	1.63E-08	1.88E-08	1.70E-08	7.76E-09	3.57E-09	3.11E-10	7.50E-09	1.66E-09	2.55E-09	4.04E-09	7.12E-10	1.87E-09	1.86E-08
3901	479363.09	3853377.25	4.34E-05	5.02E-05	2.29E-05	1.50E-08	4.54E-08	2.63E-08	3.04E-08	2.76E-08	1.26E-08	5.73E-09	5.02E-10	1.21E-08	2.68E-09	4.13E-09	6.55E-09	1.15E-09	3.01E-09	3.01E-08
3902	479863.09	3853377.25	6.65E-05	7.69E-05	3.49E-05	2.30E-08	6.96E-08	4.03E-08	4.66E-08	4.22E-08	1.93E-08	8.74E-09	7.70E-10	1.86E-08	4.10E-09	6.33E-09	1.00E-08	1.77E-09	4.59E-09	4.62E-08
3903	480363.09	3853377.25	1.08E-04	1.26E-04	5.67E-05	3.76E-08	1.13E-07	6.57E-08	7.60E-08	6.89E-08	3.14E-08	1.42E-08	1.25E-09	3.03E-08	6.69E-09	1.03E-08	1.64E-08	2.89E-09	7.45E-09	7.53E-08
3904	480863.09	3853377.25	1.22E-04	1.41E-04	6.36E-05	4.22E-08	1.27E-07	7.38E-08	8.54E-08	7.74E-08	3.53E-08	1.59E-08	1.41E-09	3.41E-08	7.51E-09	1.16E-08	1.84E-08	3.24E-09	8.37E-09	8.46E-08
3905	481363.09	3853377.25	1.51E-04	1.74E-04	7.86E-05	5.22E-08	1.58E-07	9.12E-08	1.06E-07	9.57E-08	4.37E-08	1.97E-08	1.74E-09	4.21E-08	9.29E-09	1.43E-08	2.27E-08	4.01E-09	1.03E-08	1.05E-07
3906	481863.09	3853377.25	1.53E-04	1.77E-04	8.00E-05	5.31E-08	1.60E-07	9.29E-08	1.07E-07	9.74E-08	4.45E-08	2.01E-08	1.77E-09	4.28E-08	9.46E-09	1.46E-08	2.31E-08	4.08E-09	1.05E-08	1.06E-07
3907	482363.09	3853377.25	1.53E-04	1.77E-04	8.01E-05	5.31E-08	1.60E-07	9.29E-08	1.07E-07	9.74E-08	4.45E-08	2.01E-08	1.77E-09	4.29E-08	9.46E-09	1.46E-08	2.32E-08	4.08E-09	1.05E-08	1.06E-07
3908	482863.09	3853377.25	2.06E-04	2.38E-04	1.07E-04	7.14E-08	2.16E-07	1.25E-07	1.44E-07	1.31E-07	5.97E-08	2.69E-08	2.38E-09	5.76E-08	1.27E-08	1.96E-08	3.11E-08	5.48E-09	1.41E-08	1.43E-07
3909	483363.09	3853377.25	2.37E-04	2.74E-04	1.23E-04	8.20E-08	2.48E-07	1.43E-07	1.66E-07	1.51E-07	6.87E-08	3.09E-08	2.74E-09	6.62E-08	1.46E-08	2.25E-08	3.58E-08	6.30E-09	1.62E-08	1.64E-07
3910	483863.09	3853377.25	1.96E-04	2.27E-04	1.02E-04	6.78E-08	2.05E-07	1.19E-07	1.37E-07	1.24E-07	5.68E-08	2.56E-08	2.26E-09	5.47E-08	1.21E-08	1.86E-08	2.96E-08	5.21E-09	1.34E-08	1.36E-07
3911	484363.09	3853377.25	1.79E-04	2.08E-04	9.37E-05	6.21E-08	1.88E-07	1.09E-07	1.26E-07	1.14E-07	5.20E-08	2.35E-08	2.08E-09	5.01E-08	1.11E-08	1.71E-08	2.71E-08	4.77E-09	1.23E-08	1.25E-07
3912	484863.09	3853377.25	1.40E-04	1.62E-04	7.35E-05	4.87E-08	1.47E-07	8.51E-08	9.84E-08	8.92E-08	4.07E-08	1.84E-08	1.62E-09	3.93E-08	8.66E-09	1.34E-08	2.12E-08	3.74E-09	9.67E-09	9.75E-08
3913	485363.09	3853377.25	7.91E-05	9.14E-05	4.18E-05	2.74E-08	8.27E-08	4.79E-08	5.53E-08	5.02E-08	2.29E-08	1.05E-08	9.15E-10	2.21E-08	4.88E-09	7.51E-09	1.19E-08	2.10E-09	5.49E-09	5.49E-08
3914	485863.09	3853377.25	5.26E-05	6.07E-05	2.79E-05	1.82E-08	5.50E-08	3.18E-08	3.68E-08	3.33E-08	1.52E-08	7.00E-09	6.08E-10	1.47E-08	3.24E-09	4.99E-09	7.92E-09	1.40E-09	3.67E-09	3.65E-08

3915	486363.09	3853377.25	5.57E-05	6.43E-05	2.96E-05	1.93E-08	5.83E-08	3.37E-08	3.89E-08	3.53E-08	1.61E-08	7.42E-09	6.44E-10	1.56E-08	3.43E-09	5.28E-09	8.38E-09	1.48E-09	3.89E-09	3.87E-08
3916	486863.09	3853377.25	5.92E-05	6.83E-05	3.15E-05	2.05E-08	6.20E-08	3.59E-08	4.14E-08	3.75E-08	1.71E-08	7.90E-09	6.85E-10	1.66E-08	3.65E-09	5.62E-09	8.92E-09	1.57E-09	4.14E-09	4.11E-08
3917	487363.09	3853377.25	7.02E-05	8.11E-05	3.72E-05	2.43E-08	7.35E-08	4.26E-08	4.91E-08	4.45E-08	2.03E-08	9.33E-09	8.13E-10	1.96E-08	4.33E-09	6.67E-09	1.06E-08	1.87E-09	4.90E-09	4.88E-08
3918	487863.09	3853377.25	8.55E-05	9.88E-05	4.51E-05	2.96E-08	8.95E-08	5.18E-08	5.99E-08	5.43E-08	2.48E-08	1.13E-08	9.90E-10	2.39E-08	5.27E-09	8.13E-09	1.29E-08	2.27E-09	5.93E-09	5.94E-08
3919	488363.09	3853377.25	1.04E-04	1.21E-04	5.49E-05	3.61E-08	1.09E-07	6.32E-08	7.30E-08	6.62E-08	3.02E-08	1.38E-08	1.21E-09	2.92E-08	6.43E-09	9.92E-09	1.57E-08	2.77E-09	7.22E-09	7.24E-08
3920	488863.09	3853377.25	1.20E-04	1.39E-04	6.31E-05	4.16E-08	1.26E-07	7.27E-08	8.41E-08	7.62E-08	3.48E-08	1.58E-08	1.39E-09	3.36E-08	7.40E-09	1.14E-08	1.81E-08	3.19E-09	8.30E-09	8.34E-08
3921	489363.09	3853377.25	1.34E-04	1.55E-04	7.03E-05	4.64E-08	1.40E-07	8.10E-08	9.37E-08	8.49E-08	3.88E-08	1.76E-08	1.55E-09	3.74E-08	8.25E-09	1.27E-08	2.02E-08	3.56E-09	9.24E-09	9.29E-08
3922	489863.09	3853377.25	1.41E-04	1.63E-04	7.42E-05	4.89E-08	1.48E-07	8.55E-08	9.89E-08	8.97E-08	4.09E-08	1.86E-08	1.63E-09	3.95E-08	8.71E-09	1.34E-08	2.13E-08	3.75E-09	9.75E-09	9.80E-08
3923	490363.09	3853377.25	1.60E-04	1.85E-04	8.38E-05	5.54E-08	1.67E-07	9.68E-08	1.12E-07	1.01E-07	4.63E-08	2.10E-08	1.85E-09	4.46E-08	9.85E-09	1.52E-08	2.41E-08	4.25E-09	1.10E-08	1.11E-07
3924	490863.09	3853377.25	1.76E-04	2.03E-04	9.20E-05	6.08E-08	1.84E-07	1.06E-07	1.23E-07	1.11E-07	5.09E-08	2.31E-08	2.03E-09	4.91E-08	1.08E-08	1.67E-08	2.65E-08	4.67E-09	1.21E-08	1.22E-07
3925	491363.09	3853377.25	1.89E-04	2.19E-04	9.92E-05	6.56E-08	1.98E-07	1.15E-07	1.33E-07	1.20E-07	5.49E-08	2.49E-08	2.19E-09	5.29E-08	1.17E-08	1.80E-08	2.86E-08	5.04E-09	1.31E-08	1.32E-07
3926	491863.09	3853377.25	2.00E-04	2.32E-04	1.05E-04	6.94E-08	2.10E-07	1.21E-07	1.40E-07	1.27E-07	5.81E-08	2.63E-08	2.32E-09	5.60E-08	1.24E-08	1.91E-08	3.02E-08	5.33E-09	1.38E-08	1.39E-07
3927	492363.09	3853377.25	2.16E-04	2.50E-04	1.13E-04	7.49E-08	2.26E-07	1.31E-07	1.51E-07	1.37E-07	6.26E-08	2.84E-08	2.50E-09	6.04E-08	1.33E-08	2.06E-08	3.26E-08	5.75E-09	1.49E-08	1.50E-07
3928	492863.09	3853377.25	2.29E-04	2.65E-04	1.20E-04	7.95E-08	2.40E-07	1.39E-07	1.61E-07	1.46E-07	6.65E-08	3.02E-08	2.65E-09	6.41E-08	1.41E-08	2.18E-08	3.46E-08	6.10E-09	1.58E-08	1.59E-07
3929	493363.09	3853377.25	2.29E-04	2.65E-04	1.20E-04	7.95E-08	2.40E-07	1.39E-07	1.61E-07	1.46E-07	6.64E-08	3.01E-08	2.65E-09	6.41E-08	1.41E-08	2.18E-08	3.46E-08	6.10E-09	1.58E-08	1.59E-07
3930	493863.09	3853377.25	2.27E-04	2.62E-04	1.19E-04	7.86E-08	2.37E-07	1.37E-07	1.59E-07	1.44E-07	6.58E-08	2.98E-08	2.63E-09	6.34E-08	1.40E-08	2.16E-08	3.42E-08	6.04E-09	1.56E-08	1.58E-07
3931	494363.09	3853377.25	2.17E-04	2.51E-04	1.14E-04	7.53E-08	2.27E-07	1.32E-07	1.52E-07	1.38E-07	6.30E-08	2.86E-08	2.51E-09	6.07E-08	1.34E-08	2.07E-08	3.28E-08	5.78E-09	1.50E-08	1.51E-07
3932	494863.09	3853377.25	2.05E-04	2.37E-04	1.07E-04	7.09E-08	2.14E-07	1.24E-07	1.43E-07	1.30E-07	5.93E-08	2.69E-08	2.37E-09	5.72E-08	1.26E-08	1.95E-08	3.09E-08	5.44E-09	1.41E-08	1.42E-07
3933	495363.09	3853377.25	1.98E-04	2.28E-04	1.04E-04	6.85E-08	2.07E-07	1.20E-07	1.38E-07	1.25E-07	5.72E-08	2.60E-08	2.29E-09	5.52E-08	1.22E-08	1.88E-08	2.98E-08	5.25E-09	1.37E-08	1.37E-07
3934	495863.09	3853377.25	1.86E-04	2.16E-04	9.81E-05	6.46E-08	1.95E-07	1.13E-07	1.31E-07	1.18E-07	5.40E-08	2.46E-08	2.16E-09	5.21E-08	1.15E-08	1.77E-08	2.81E-08	4.96E-09	1.29E-08	1.29E-07
3935	496363.09	3853377.25	1.71E-04	1.98E-04	9.01E-05	5.93E-08	1.79E-07	1.04E-07	1.20E-07	1.09E-07	4.96E-08	2.26E-08	1.98E-09	4.78E-08	1.06E-08	1.63E-08	2.58E-08	4.55E-09	1.18E-08	1.19E-07
3936	496863.09	3853377.25	1.51E-04	1.74E-04	7.95E-05	5.22E-08	1.58E-07	9.12E-08	1.05E-07	9.56E-08	4.36E-08	1.99E-08	1.74E-09	4.21E-08	9.29E-09	1.43E-08	2.27E-08	4.00E-09	1.05E-08	1.05E-07
3937	497363.09	3853377.25	1.26E-04	1.46E-04	6.67E-05	4.37E-08	1.32E-07	7.64E-08	8.82E-08	8.00E-08	3.65E-08	1.67E-08	1.46E-09	3.52E-08	7.78E-09	1.20E-08	1.90E-08	3.35E-09	8.78E-09	8.76E-08
3938	497863.09	3853377.25	8.70E-05	1.00E-04	4.64E-05	3.02E-08	9.11E-08	5.27E-08	6.08E-08	5.51E-08	2.52E-08	1.16E-08	1.01E-09	2.43E-08	5.37E-09	8.26E-09	1.31E-08	2.31E-09	6.10E-09	6.05E-08
3939	498363.09	3853377.25	6.94E-05	8.00E-05	3.72E-05	2.41E-08	7.26E-08	4.20E-08	4.85E-08	4.39E-08	2.00E-08	9.32E-09	8.03E-10	1.94E-08	4.28E-09	6.58E-09	1.04E-08	1.84E-09	4.89E-09	4.82E-08
3940	471363.09	3853877.25	3.04E-05	3.51E-05	1.61E-05	1.05E-08	3.18E-08	1.84E-08	2.13E-08	1.93E-08	8.79E-09	4.03E-09	3.52E-10	8.49E-09	1.87E-09	2.89E-09	4.58E-09	8.07E-10	2.12E-09	2.11E-08
3941	471863.09	3853877.25	3.40E-05	3.93E-05	1.80E-05	1.18E-08	3.56E-08	2.06E-08	2.38E-08	2.16E-08	9.85E-09	4.51E-09	3.94E-10	9.51E-09	2.10E-09	3.23E-09	5.13E-09	9.04E-10	2.37E-09	2.36E-08
3942	472363.09	3853877.25	3.65E-05	4.21E-05	1.93E-05	1.26E-08	3.82E-08	2.21E-08	2.55E-08	2.31E-08	1.06E-08	4.83E-09	4.22E-10	1.02E-08	2.25E-09	3.46E-09	5.50E-09	9.69E-10	2.53E-09	2.53E-08
3943	472863.09	3853877.25	3.95E-05	4.56E-05	2.08E-05	1.37E-08	4.13E-08	2.39E-08	2.76E-08	2.50E-08	1.14E-08	5.22E-09	4.57E-10	1.10E-08	2.43E-09	3.75E-09	5.95E-09	1.05E-09	2.74E-09	2.74E-08
3944	473363.09	3853877.25	4.17E-05	4.82E-05	2.20E-05	1.44E-08	4.36E-08	2.52E-08	2.92E-08	2.64E-08	1.21E-08	5.51E-09	4.82E-10	1.17E-08	2.57E-09	3.96E-09	6.28E-09	1.11E-09	2.89E-09	2.90E-08
3945	473863.09	3853877.25	4.40E-05	5.08E-05	2.32E-05	1.52E-08	4.60E-08	2.66E-08	3.08E-08	2.79E-08	1.27E-08	5.81E-09	5.09E-10	1.23E-08	2.71E-09	4.18E-09	6.63E-09	1.17E-09	3.05E-09	3.05E-08
3946	474363.09	3853877.25	4.68E-05	5.41E-05	2.47E-05	1.62E-08	4.90E-08	2.84E-08	3.28E-08	2.97E-08	1.36E-08	6.19E-09	5.42E-10	1.31E-08	2.89E-09	4.45E-09	7.06E-09	1.25E-09	3.25E-09	3.25E-08
3947	474863.09	3853877.25	4.91E-05	5.68E-05	2.59E-05	1.70E-08	5.14E-08	2.98E-08	3.44E-08	3.12E-08	1.42E-08	6.49E-09	5.69E-10	1.37E-08	3.03E-09	4.67E-09	7.41E-09	1.31E-09	3.40E-09	3.41E-08
3948	475363.09	3853877.25	4.84E-05	5.59E-05	2.55E-05	1.68E-08	5.06E-08	2.93E-08	3.39E-08	3.07E-08	1.40E-08	6.39E-09	5.60E-10	1.35E-08	2.98E-09	4.60E-09	7.29E-09	1.29E-09	3.35E-09	3.36E-08
3949	475863.09	3853877.25	4.23E-05	4.88E-05	2.23E-05	1.46E-08	4.42E-08	2.56E-08	2.96E-08	2.68E-08	1.22E-08	5.59E-09	4.89E-10	1.18E-08	2.61E-09	4.02E-09	6.37E-09	1.12E-09	2.94E-09	2.94E-08
3950	476363.09	3853877.25	3.61E-05	4.16E-05	1.91E-05	1.25E-08	3.77E-08	2.18E-08	2.52E-08	2.29E-08	1.04E-08	4.78E-09	4.17E-10	1.01E-08	2.22E-09	3.42E-09	5.43E-09	9.57E-10	2.51E-09	2.50E-08
3951	476863.09	3853877.25	2.93E-05	3.38E-05	1.56E-05	1.01E-08	3.06E-08	1.77E-08	2.05E-08	1.86E-08	8.47E-09	3.90E-09	3.39E-10	8.18E-09	1.81E-09	2.78E-09	4.41E-09	7.77E-10	2.05E-09	2.03E-08
3952	477363.09	3853877.25	3.23E-05	3.73E-05	1.71E-05	1.12E-08	3.38E-08	1.96E-08	2.26E-08	2.05E-08	9.34E-09	4.29E-09	3.74E-10	9.03E-09	1.99E-09	3.07E-09	4.86E-09	8.57E-10	2.25E-09	2.24E-08
3953	477863.09	3853877.25	3.72E-05	4.30E-05	1.97E-05	1.29E-08	3.89E-08	2.25E-08	2.60E-08	2.36E-08	1.08E-08	4.93E-09	4.30E-10	1.04E-08	2.29E-09	3.53E-09	5.61E-09	9.88E-10	2.59E-09	2.58E-08
3954	478363.09	3853877.25	3.96E-05	4.58E-05	2.09E-05	1.37E-08	4.15E-08	2.40E-08	2.77E-08	2.51E-08	1.15E-08	5.25E-09	4.58E-10	1.11E-08	2.44E-09	3.76E-09	5.97E-09	1.05E-09	2.75E-09	2.75E-08
3955	478863.09	3853877.25	2.90E-05	3.34E-05	1.54E-05	1.00E-08	3.03E-08	1.75E-08	2.02E-08	1.84E-08	8.38E-09	3.86E-09	3.35E-10	8.09E-09	1.79E-09	2.75E-09	4.36E-09	7.69E-10	2.02E-09	2.01E-08
3956	479363.09	3853877.25	3.86E-05	4.46E-05	2.04E-05	1.34E-08	4.04E-08	2.34E-08	2.70E-08	2.45E-08	1.12E-08	5.11E-09	4.46E-10	1.08E-08	2.38E-09	3.66E-09	5.81E-09	1.02E-09	2.68E-09	2.68E-08
3957	479863.09	3853877.25	6.93E-05	8.01E-05	3.64E-05	2.40E-08	7.25E-08	4.20E-08	4.85E-08	4.40E-08	2.01E-08	9.11E-09	8.02E-10	1.94E-08	4.27E-09	6.59E-09	1.05E-08	1.84E-09	4.78E-09	4.81E-08
3958	480363.09	3853877.25	9.93E-05	1.15E-04	5.20E-05	3.44E-08	1.04E-07	6.02E-08	6.96E-08	6.31E-08	2.88E-08	1.30E-08	1.15E-09	2.78E-08	6.13E-09	9.45E-09	1.50E-08	2.64E-09	6.84E-09	6.90E-08
3959	480863.09	3853877.25	1.41E-04	1.63E-04	7.36E-05	4.88E-08	1.47E-07	8.53E-08	9.87E-08	8.95E-08	4.08E-08	1.84E-08	1.63E-09	3.94E-08	8.69E-09	1.34E-08	2.13E-08	3.75E-09	9.67E-09	9.78E-08
3960	481363.09	3853877.25	1.67E-04	1.94E-04	8.74E-05	5.80E-08	1.75E-07	1.01E-07	1.17E-07	1.06E-07	4.85E-08	2.19E-08	1.94E-09	4.68E-08	1.03E-08	1.59E-08	2.53E-08	4.45E-09	1.15E-08	1.16E-07
3961	481863.09	3853877.25	1.91E-04	2.21E-04	9.95E-05	6.60E-08	1.99E-07	1.15E-07	1.34E-07	1.21E-07	5.53E-08	2.49E-08	2.21E-09	5.33E-08	1.18E-08	1.81E-08	2.88E-08	5.07E-09	1.31E-08	1.32E-07
3962	482363.09	3853877.25	2.15E-04	2.49E-04	1.12E-04	7.46E-08	2.25E-07	1.30E-07	1.51E-07	1.37E-07	6.24E-08	2.81E-08	2.49E-09	6.01E-08	1.33E-08	2.05E-08	3.25E-08	5.73E-09	1.48E-08	1.49E-07
3963	482863.09	3853877.25	2.30E-04	2.66E-04	1.20E-04	7.96E-08	2.40E-07	1.39E-07	1.61E-07	1.46E-07	6.67E-08	3.01E-08	2.66E-09	6.42E-08	1.42E-08	2.19E-08	3.47E-08	6.12E-09	1.58E-08	1.60E-07
3964	483363.09	3853877.25	3.08E-04	3.56E-04	1.61E-04	1.07E-07	3.22E-07	1.87E-07	2.16E-07	1.96E-07	8.93E-08	4.02E-08	3.56E-09	8.61E-08	1.90E-08	2.93E-08	4.65E-08	8.20E-09	2.11E-08	2.14E-07
3965	483863.09	3853877.25	3.39E-04	3.93E-04	1.77E-04	1.17E-07	3.55E-07	2.05E-07	2.38E-07	2.16E-07	9.83E-08	4.43E-08	3.92E-09	9.48E-08	2.09E-08	3.23E-08	5.12E-08	9.03E-09	2.32E-08	2.35E-07
3966	484363.09	3853877.25	2.54E-04	2.95E-04	1.33E-04	8.82E-08	2.66E-07	1.54E-07	1.78E-07	1.62E-07	7.38E-08	3.33E-08	2.94E-09	7.11E-08	1.57E-08	2.42E-08	3.84E-08	6.77E-09	1.75E-08	1.77E-07
3967	484863.09	3853877.25	1.62E-04	1.87E-04	8.49E-05	5.61E-08	1.69E-07	9.81E-08	1.13E-07	1.03E-07	4.69E-08	2.13E-08	1.87E-09	4.53E-08	9.99E-09	1.54E-08	2.44E-08	4.31E-09	1.12E-08	1.12E-07

3968	485363.09	3853877.25	8.60E-05	9.94E-05	4.55E-05	2.98E-08	9.00E-08	5.21E-08	6.02E-08	5.46E-08	2.49E-08	1.14E-08	9.96E-10	2.41E-08	5.31E-09	8.18E-09	1.30E-08	2.29E-09	5.98E-09	5.98E-08
3969	485863.09	3853877.25	9.69E-05	1.12E-04	5.12E-05	3.36E-08	1.01E-07	5.87E-08	6.78E-08	6.15E-08	2.80E-08	1.28E-08	1.12E-09	2.71E-08	5.98E-09	9.21E-09	1.46E-08	2.57E-09	6.74E-09	6.73E-08
3970	486363.09	3853877.25	9.93E-05	1.15E-04	5.24E-05	3.44E-08	1.04E-07	6.01E-08	6.95E-08	6.30E-08	2.87E-08	1.31E-08	1.15E-09	2.77E-08	6.12E-09	9.43E-09	1.50E-08	2.64E-09	6.90E-09	6.89E-08
3971	486863.09	3853877.25	1.10E-04	1.27E-04	5.82E-05	3.82E-08	1.15E-07	6.67E-08	7.71E-08	6.99E-08	3.19E-08	1.46E-08	1.28E-09	3.08E-08	6.80E-09	1.05E-08	1.66E-08	2.93E-09	7.65E-09	7.65E-08
3972	487363.09	3853877.25	1.40E-04	1.62E-04	7.36E-05	4.84E-08	1.46E-07	8.46E-08	9.79E-08	8.87E-08	4.05E-08	1.84E-08	1.62E-09	3.91E-08	8.62E-09	1.33E-08	2.11E-08	3.71E-09	9.68E-09	9.71E-08
3973	487863.09	3853877.25	1.88E-04	2.18E-04	9.88E-05	6.53E-08	1.97E-07	1.14E-07	1.32E-07	1.20E-07	5.46E-08	2.48E-08	2.18E-09	5.27E-08	1.16E-08	1.79E-08	2.84E-08	5.01E-09	1.30E-08	1.31E-07
3974	488363.09	3853877.25	2.23E-04	2.57E-04	1.17E-04	7.71E-08	2.33E-07	1.35E-07	1.56E-07	1.41E-07	6.45E-08	2.92E-08	2.58E-09	6.22E-08	1.37E-08	2.12E-08	3.36E-08	5.92E-09	1.53E-08	1.55E-07
3975	488863.09	3853877.25	2.65E-04	3.06E-04	1.38E-04	9.17E-08	2.77E-07	1.60E-07	1.85E-07	1.68E-07	7.67E-08	3.47E-08	3.06E-09	7.40E-08	1.63E-08	2.52E-08	3.99E-08	7.04E-09	1.82E-08	1.84E-07
3976	489363.09	3853877.25	2.67E-04	3.10E-04	1.40E-04	9.27E-08	2.80E-07	1.62E-07	1.87E-07	1.70E-07	7.76E-08	3.51E-08	3.10E-09	7.48E-08	1.65E-08	2.55E-08	4.04E-08	7.12E-09	1.84E-08	1.86E-07
3977	489863.09	3853877.25	2.87E-04	3.33E-04	1.50E-04	9.96E-08	3.01E-07	1.74E-07	2.01E-07	1.83E-07	8.33E-08	3.77E-08	3.33E-09	8.03E-08	1.77E-08	2.74E-08	4.34E-08	7.65E-09	1.98E-08	2.00E-07
3978	490363.09	3853877.25	2.93E-04	3.39E-04	1.53E-04	1.01E-07	3.06E-07	1.77E-07	2.05E-07	1.86E-07	8.49E-08	3.84E-08	3.39E-09	8.19E-08	1.81E-08	2.79E-08	4.42E-08	7.79E-09	2.02E-08	2.03E-07
3979	490863.09	3853877.25	3.02E-04	3.50E-04	1.58E-04	1.05E-07	3.17E-07	1.83E-07	2.12E-07	1.92E-07	8.77E-08	3.96E-08	3.50E-09	8.46E-08	1.87E-08	2.88E-08	4.57E-08	8.05E-09	2.08E-08	2.10E-07
3980	491363.09	3853877.25	3.12E-04	3.61E-04	1.63E-04	1.08E-07	3.26E-07	1.89E-07	2.19E-07	1.98E-07	9.04E-08	4.09E-08	3.61E-09	8.72E-08	1.92E-08	2.97E-08	4.71E-08	8.30E-09	2.14E-08	2.17E-07
3981	491863.09	3853877.25	3.17E-04	3.67E-04	1.66E-04	1.10E-07	3.32E-07	1.92E-07	2.22E-07	2.01E-07	9.19E-08	4.16E-08	3.67E-09	8.86E-08	1.96E-08	3.02E-08	4.79E-08	8.43E-09	2.18E-08	2.20E-07
3982	492363.09	3853877.25	3.29E-04	3.81E-04	1.72E-04	1.14E-07	3.44E-07	1.99E-07	2.31E-07	2.09E-07	9.54E-08	4.32E-08	3.81E-09	9.20E-08	2.03E-08	3.13E-08	4.97E-08	8.75E-09	2.27E-08	2.29E-07
3983	492863.09	3853877.25	3.31E-04	3.82E-04	1.73E-04	1.15E-07	3.46E-07	2.00E-07	2.32E-07	2.10E-07	9.58E-08	4.34E-08	3.83E-09	9.24E-08	2.04E-08	3.15E-08	4.99E-08	8.79E-09	2.28E-08	2.30E-07
3984	493363.09	3853877.25	3.20E-04	3.70E-04	1.67E-04	1.11E-07	3.34E-07	1.94E-07	2.24E-07	2.03E-07	9.26E-08	4.19E-08	3.70E-09	8.93E-08	1.97E-08	3.04E-08	4.82E-08	8.50E-09	2.20E-08	2.22E-07
3985	493863.09	3853877.25	3.04E-04	3.51E-04	1.59E-04	1.05E-07	3.18E-07	1.84E-07	2.13E-07	1.93E-07	8.80E-08	3.98E-08	3.51E-09	8.48E-08	1.87E-08	2.89E-08	4.58E-08	8.07E-09	2.09E-08	2.11E-07
3986	494363.09	3853877.25	2.90E-04	3.35E-04	1.52E-04	1.00E-07	3.03E-07	1.76E-07	2.03E-07	1.84E-07	8.40E-08	3.81E-08	3.36E-09	8.11E-08	1.79E-08	2.76E-08	4.38E-08	7.71E-09	2.00E-08	2.01E-07
3987	494863.09	3853877.25	2.70E-04	3.12E-04	1.42E-04	9.35E-08	2.82E-07	1.63E-07	1.89E-07	1.71E-07	7.82E-08	3.55E-08	3.12E-09	7.54E-08	1.66E-08	2.57E-08	4.07E-08	7.18E-09	1.86E-08	1.87E-07
3988	495363.09	3853877.25	2.32E-04	2.68E-04	1.22E-04	8.04E-08	2.43E-07	1.40E-07	1.62E-07	1.47E-07	6.72E-08	3.05E-08	2.68E-09	6.48E-08	1.43E-08	2.20E-08	3.50E-08	6.16E-09	1.60E-08	1.61E-07
3989	495863.09	3853877.25	2.03E-04	2.34E-04	1.07E-04	7.03E-08	2.12E-07	1.23E-07	1.42E-07	1.29E-07	5.88E-08	2.68E-08	2.35E-09	5.67E-08	1.25E-08	1.93E-08	3.06E-08	5.39E-09	1.40E-08	1.41E-07
3990	496363.09	3853877.25	1.84E-04	2.13E-04	9.72E-05	6.39E-08	1.93E-07	1.12E-07	1.29E-07	1.17E-07	5.34E-08	2.44E-08	2.13E-09	5.16E-08	1.14E-08	1.75E-08	2.78E-08	4.90E-09	1.28E-08	1.28E-07
3991	496863.09	3853877.25	1.56E-04	1.80E-04	8.24E-05	5.40E-08	1.63E-07	9.44E-08	1.09E-07	9.88E-08	4.51E-08	2.06E-08	1.80E-09	4.35E-08	9.61E-09	1.48E-08	2.35E-08	4.14E-09	1.08E-08	1.08E-07
3992	497363.09	3853877.25	1.33E-04	1.54E-04	7.06E-05	4.61E-08	1.39E-07	8.06E-08	9.31E-08	8.44E-08	3.85E-08	1.77E-08	1.54E-09	3.72E-08	8.21E-09	1.26E-08	2.01E-08	3.53E-09	9.28E-09	9.25E-08
3993	497863.09	3853877.25	1.06E-04	1.22E-04	5.62E-05	3.66E-08	1.10E-07	6.39E-08	7.38E-08	6.69E-08	3.05E-08	1.41E-08	1.22E-09	2.95E-08	6.51E-09	1.00E-08	1.59E-08	2.80E-09	7.40E-09	7.33E-08
3994	498363.09	3853877.25	9.01E-05	1.04E-04	4.82E-05	3.12E-08	9.42E-08	5.46E-08	6.29E-08	5.70E-08	2.60E-08	1.21E-08	1.04E-09	2.52E-08	5.56E-09	8.54E-09	1.36E-08	2.39E-09	6.33E-09	6.26E-08
3995	471363.09	3854377.25	2.97E-05	3.43E-05	1.57E-05	1.03E-08	3.11E-08	1.80E-08	2.08E-08	1.88E-08	8.60E-09	3.94E-09	3.44E-10	8.30E-09	1.83E-09	2.82E-09	4.48E-09	7.89E-10	2.07E-09	2.06E-08
3996	471863.09	3854377.25	3.25E-05	3.75E-05	1.72E-05	1.13E-08	3.40E-08	1.97E-08	2.27E-08	2.06E-08	9.41E-09	4.31E-09	3.76E-10	9.08E-09	2.00E-09	3.09E-09	4.90E-09	8.63E-10	2.26E-09	2.26E-08
3997	472363.09	3854377.25	3.49E-05	4.03E-05	1.85E-05	1.21E-08	3.65E-08	2.12E-08	2.44E-08	2.22E-08	1.01E-08	4.63E-09	4.04E-10	9.76E-09	2.15E-09	3.32E-09	5.26E-09	9.28E-10	2.43E-09	2.43E-08
3998	472863.09	3854377.25	3.71E-05	4.29E-05	1.96E-05	1.29E-08	3.88E-08	2.25E-08	2.60E-08	2.35E-08	1.07E-08	4.92E-09	4.30E-10	1.04E-08	2.29E-09	3.53E-09	5.60E-09	9.86E-10	2.58E-09	2.58E-08
3999	473363.09	3854377.25	4.01E-05	4.64E-05	2.12E-05	1.39E-08	4.20E-08	2.43E-08	2.81E-08	2.55E-08	1.16E-08	5.31E-09	4.64E-10	1.12E-08	2.48E-09	3.81E-09	6.05E-09	1.07E-09	2.79E-09	2.79E-08
4000	473863.09	3854377.25	4.38E-05	5.07E-05	2.32E-05	1.52E-08	4.59E-08	2.66E-08	3.07E-08	2.78E-08	1.27E-08	5.80E-09	5.07E-10	1.23E-08	2.70E-09	4.17E-09	6.61E-09	1.16E-09	3.04E-09	3.05E-08
4001	474363.09	3854377.25	4.77E-05	5.51E-05	2.52E-05	1.65E-08	4.99E-08	2.89E-08	3.34E-08	3.03E-08	1.38E-08	6.31E-09	5.52E-10	1.33E-08	2.94E-09	4.53E-09	7.19E-09	1.27E-09	3.31E-09	3.31E-08
4002	474863.09	3854377.25	4.77E-05	5.51E-05	2.52E-05	1.65E-08	4.99E-08	2.89E-08	3.34E-08	3.03E-08	1.38E-08	6.31E-09	5.52E-10	1.33E-08	2.94E-09	4.53E-09	7.19E-09	1.27E-09	3.31E-09	3.31E-08
4003	475363.09	3854377.25	4.31E-05	4.98E-05	2.28E-05	1.49E-08	4.51E-08	2.61E-08	3.02E-08	2.73E-08	1.25E-08	5.71E-09	4.99E-10	1.20E-08	2.66E-09	4.10E-09	6.50E-09	1.14E-09	3.00E-09	2.99E-08
4004	475863.09	3854377.25	3.07E-05	3.54E-05	1.63E-05	1.06E-08	3.21E-08	1.86E-08	2.15E-08	1.95E-08	8.88E-09	4.09E-09	3.55E-10	8.58E-09	1.89E-09	2.91E-09	4.62E-09	8.15E-10	2.15E-09	2.13E-08
4005	476363.09	3854377.25	2.80E-05	3.23E-05	1.49E-05	9.69E-09	2.93E-08	1.69E-08	1.95E-08	1.77E-08	8.08E-09	3.73E-09	3.24E-10	7.81E-09	1.72E-09	2.65E-09	4.21E-09	7.42E-10	1.96E-09	1.94E-08
4006	476863.09	3854377.25	2.73E-05	3.15E-05	1.46E-05	9.46E-09	2.86E-08	1.65E-08	1.91E-08	1.73E-08	7.89E-09	3.65E-09	3.16E-10	7.63E-09	1.68E-09	2.59E-09	4.11E-09	7.24E-10	1.92E-09	1.90E-08
4007	477363.09	3854377.25	2.74E-05	3.16E-05	1.46E-05	9.49E-09	2.87E-08	1.66E-08	1.91E-08	1.74E-08	7.92E-09	3.66E-09	3.17E-10	7.66E-09	1.69E-09	2.60E-09	4.12E-09	7.27E-10	1.92E-09	1.90E-08
4008	477863.09	3854377.25	2.83E-05	3.26E-05	1.51E-05	9.80E-09	2.96E-08	1.71E-08	1.98E-08	1.79E-08	8.18E-09	3.78E-09	3.27E-10	7.91E-09	1.75E-09	2.68E-09	4.26E-09	7.51E-10	1.99E-09	1.97E-08
4009	478363.09	3854377.25	3.35E-05	3.86E-05	1.78E-05	1.16E-08	3.50E-08	2.03E-08	2.34E-08	2.12E-08	9.68E-09	4.46E-09	3.87E-10	9.35E-09	2.06E-09	3.18E-09	5.04E-09	8.88E-10	2.34E-09	2.32E-08
4010	478863.09	3854377.25	3.70E-05	4.28E-05	1.97E-05	1.28E-08	3.88E-08	2.24E-08	2.59E-08	2.35E-08	1.07E-08	4.93E-09	4.29E-10	1.04E-08	2.28E-09	3.52E-09	5.58E-09	9.83E-10	2.59E-09	2.57E-08
4011	479363.09	3854377.25	5.76E-05	6.66E-05	3.04E-05	2.00E-08	6.03E-08	3.49E-08	4.03E-08	3.65E-08	1.67E-08	7.61E-09	6.66E-10	1.61E-08	3.55E-09	5.47E-09	8.68E-09	1.53E-09	3.99E-09	4.00E-08
4012	479863.09	3854377.25	7.64E-05	8.83E-05	4.01E-05	2.65E-08	7.99E-08	4.63E-08	5.35E-08	4.85E-08	2.21E-08	1.01E-08	8.84E-10	2.13E-08	4.71E-09	7.26E-09	1.15E-08	2.03E-09	5.28E-09	5.30E-08
4013	480363.09	3854377.25	1.07E-04	1.23E-04	5.58E-05	3.69E-08	1.11E-07	6.45E-08	7.46E-08	6.77E-08	3.09E-08	1.40E-08	1.23E-09	2.98E-08	6.57E-09	1.01E-08	1.61E-08	2.83E-09	7.34E-09	7.40E-08
4014	480863.09	3854377.25	1.57E-04	1.82E-04	8.23E-05	5.46E-08	1.65E-07	9.54E-08	1.10E-07	1.00E-07	4.57E-08	2.06E-08	1.82E-09	4.40E-08	9.71E-09	1.50E-08	2.38E-08	4.19E-09	1.08E-08	1.09E-07
4015	481363.09	3854377.25	2.00E-04	2.32E-04	1.05E-04	6.95E-08	2.10E-07	1.21E-07	1.41E-07	1.27E-07	5.81E-08	2.62E-08	2.32E-09	5.60E-08	1.24E-08	1.91E-08	3.03E-08	5.34E-09	1.38E-08	1.39E-07
4016	481863.09	3854377.25	2.28E-04	2.64E-04	1.19E-04	7.91E-08	2.39E-07	1.38E-07	1.60E-07	1.45E-07	6.62E-08	2.98E-08	2.64E-09	6.38E-08	1.41E-08	2.17E-08	3.45E-08	6.07E-09	1.57E-08	1.58E-07
4017	482363.09	3854377.25	2.64E-04	3.05E-04	1.38E-04	9.13E-08	2.76E-07	1.60E-07	1.85E-07	1.67E-07	7.64E-08	3.45E-08	3.05E-09	7.37E-08	1.63E-08	2.51E-08	3.98E-08	7.01E-09	1.81E-08	1.83E-07
4018	482863.09	3854377.25	3.29E-04	3.81E-04	1.72E-04	1.14E-07	3.44E-07	1.99E-07	2.31E-07	2.09E-07	9.54E-08	4.30E-08	3.81E-09	9.19E-08	2.03E-08	3.13E-08	4.97E-08	8.75E-09	2.26E-08	2.28E-07
4019	483363.09	3854377.25	3.99E-04	4.62E-04	2.08E-04	1.38E-07	4.17E-07	2.42E-07	2.80E-07	2.54E-07	1.16E-07	5.21E-08	4.62E-09	1.11E-07	2.46E-08	3.80E-08	6.02E-08	1.06E-08	2.74E-08	2.77E-07
4020	483863.09	3854377.25	4.80E-04	5.55E-04	2.50E-04	1.66E-07	5.02E-07	2.91E-07	3.36E-07	3.05E-07	1.39E-07	6.28E-08	5.55E-09	1.34E-07	2.96E-08	4.57E-08	7.25E-08	1.28E-08	3.29E-08	3.33E-07

4021	484363.09	3854377.25	3.40E-04	3.93E-04	1.78E-04	1.18E-07	3.56E-07	2.06E-07	2.38E-07	2.16E-07	9.85E-08	4.46E-08	3.93E-09	9.50E-08	2.10E-08	3.23E-08	5.13E-08	9.04E-09	2.34E-08	2.36E-07
4022	484863.09	3854377.25	1.80E-04	2.08E-04	9.49E-05	6.25E-08	1.89E-07	1.09E-07	1.26E-07	1.14E-07	5.22E-08	2.38E-08	2.09E-09	5.04E-08	1.11E-08	1.71E-08	2.72E-08	4.79E-09	1.25E-08	1.25E-07
4023	485363.09	3854377.25	2.14E-04	2.48E-04	1.13E-04	7.43E-08	2.24E-07	1.30E-07	1.50E-07	1.36E-07	6.21E-08	2.82E-08	2.48E-09	6.00E-08	1.32E-08	2.04E-08	3.24E-08	5.70E-09	1.48E-08	1.49E-07
4024	485863.09	3854377.25	1.88E-04	2.18E-04	9.90E-05	6.52E-08	1.97E-07	1.14E-07	1.32E-07	1.19E-07	5.45E-08	2.48E-08	2.18E-09	5.26E-08	1.16E-08	1.79E-08	2.84E-08	5.00E-09	1.30E-08	1.31E-07
4025	486363.09	3854377.25	2.59E-04	2.99E-04	1.36E-04	8.97E-08	2.71E-07	1.57E-07	1.81E-07	1.64E-07	7.50E-08	3.40E-08	2.99E-09	7.23E-08	1.60E-08	2.46E-08	3.91E-08	6.88E-09	1.78E-08	1.80E-07
4026	486863.09	3854377.25	2.97E-04	3.43E-04	1.56E-04	1.03E-07	3.11E-07	1.80E-07	2.08E-07	1.89E-07	8.61E-08	3.90E-08	3.44E-09	8.30E-08	1.83E-08	2.82E-08	4.48E-08	7.90E-09	2.05E-08	2.06E-07
4027	487363.09	3854377.25	3.62E-04	4.19E-04	1.89E-04	1.25E-07	3.79E-07	2.19E-07	2.54E-07	2.30E-07	1.05E-07	4.75E-08	4.19E-09	1.01E-07	2.23E-08	3.44E-08	5.46E-08	9.63E-09	2.49E-08	2.51E-07
4028	487863.09	3854377.25	4.39E-04	5.08E-04	2.29E-04	1.52E-07	4.59E-07	2.66E-07	3.08E-07	2.79E-07	1.27E-07	5.74E-08	5.08E-09	1.23E-07	2.71E-08	4.18E-08	6.63E-08	1.17E-08	3.01E-08	3.05E-07
4029	488363.09	3854377.25	4.88E-04	5.65E-04	2.55E-04	1.69E-07	5.11E-07	2.96E-07	3.42E-07	3.10E-07	1.42E-07	6.39E-08	5.65E-09	1.37E-07	3.01E-08	4.65E-08	7.37E-08	1.30E-08	3.35E-08	3.39E-07
4030	488863.09	3854377.25	5.21E-04	6.03E-04	2.72E-04	1.81E-07	5.46E-07	3.16E-07	3.66E-07	3.31E-07	1.51E-07	6.82E-08	6.03E-09	1.46E-07	3.22E-08	4.96E-08	7.87E-08	1.39E-08	3.58E-08	3.62E-07
4031	489363.09	3854377.25	5.33E-04	6.17E-04	2.78E-04	1.85E-07	5.57E-07	3.23E-07	3.74E-07	3.39E-07	1.55E-07	6.97E-08	6.16E-09	1.49E-07	3.29E-08	5.07E-08	8.05E-08	1.42E-08	3.66E-08	3.70E-07
4032	489863.09	3854377.25	5.28E-04	6.12E-04	2.76E-04	1.83E-07	5.53E-07	3.20E-07	3.71E-07	3.36E-07	1.53E-07	6.91E-08	6.12E-09	1.48E-07	3.26E-08	5.03E-08	7.98E-08	1.41E-08	3.63E-08	3.67E-07
4033	490363.09	3854377.25	5.13E-04	5.94E-04	2.68E-04	1.78E-07	5.37E-07	3.11E-07	3.60E-07	3.26E-07	1.49E-07	6.71E-08	5.94E-09	1.43E-07	3.16E-08	4.88E-08	7.75E-08	1.37E-08	3.52E-08	3.56E-07
4034	490863.09	3854377.25	4.26E-04	4.93E-04	2.22E-04	1.48E-07	4.45E-07	2.58E-07	2.98E-07	2.71E-07	1.23E-07	5.57E-08	4.93E-09	1.19E-07	2.63E-08	4.05E-08	6.43E-08	1.13E-08	2.92E-08	2.96E-07
4035	491363.09	3854377.25	4.62E-04	5.34E-04	2.41E-04	1.60E-07	4.83E-07	2.80E-07	3.24E-07	2.93E-07	1.34E-07	6.04E-08	5.34E-09	1.29E-07	2.85E-08	4.39E-08	6.97E-08	1.23E-08	3.17E-08	3.21E-07
4036	491863.09	3854377.25	4.79E-04	5.54E-04	2.50E-04	1.66E-07	5.01E-07	2.90E-07	3.36E-07	3.04E-07	1.39E-07	6.27E-08	5.54E-09	1.34E-07	2.95E-08	4.56E-08	7.23E-08	1.27E-08	3.29E-08	3.32E-07
4037	492363.09	3854377.25	4.72E-04	5.47E-04	2.47E-04	1.64E-07	4.94E-07	2.86E-07	3.31E-07	3.00E-07	1.37E-07	6.19E-08	5.47E-09	1.32E-07	2.91E-08	4.50E-08	7.13E-08	1.26E-08	3.25E-08	3.28E-07
4038	492863.09	3854377.25	4.49E-04	5.20E-04	2.35E-04	1.56E-07	4.70E-07	2.72E-07	3.15E-07	2.86E-07	1.30E-07	5.89E-08	5.20E-09	1.26E-07	2.77E-08	4.28E-08	6.78E-08	1.20E-08	3.09E-08	3.12E-07
4039	493363.09	3854377.25	4.19E-04	4.84E-04	2.19E-04	1.45E-07	4.38E-07	2.54E-07	2.93E-07	2.66E-07	1.21E-07	5.49E-08	4.84E-09	1.17E-07	2.58E-08	3.98E-08	6.32E-08	1.11E-08	2.88E-08	2.91E-07
4040	493863.09	3854377.25	3.88E-04	4.49E-04	2.03E-04	1.34E-07	4.06E-07	2.35E-07	2.72E-07	2.46E-07	1.12E-07	5.09E-08	4.49E-09	1.08E-07	2.39E-08	3.69E-08	5.85E-08	1.03E-08	2.67E-08	2.69E-07
4041	494363.09	3854377.25	3.59E-04	4.15E-04	1.88E-04	1.24E-07	3.76E-07	2.17E-07	2.51E-07	2.28E-07	1.04E-07	4.72E-08	4.15E-09	1.00E-07	2.21E-08	3.41E-08	5.42E-08	9.55E-09	2.48E-08	2.49E-07
4042	494863.09	3854377.25	2.91E-04	3.36E-04	1.53E-04	1.01E-07	3.04E-07	1.76E-07	2.04E-07	1.85E-07	8.43E-08	3.83E-08	3.37E-09	8.13E-08	1.79E-08	2.77E-08	4.39E-08	7.74E-09	2.01E-08	2.02E-07
4043	495363.09	3854377.25	2.28E-04	2.64E-04	1.20E-04	7.91E-08	2.39E-07	1.38E-07	1.60E-07	1.45E-07	6.61E-08	3.01E-08	2.64E-09	6.38E-08	1.41E-08	2.17E-08	3.44E-08	6.07E-09	1.58E-08	1.58E-07
4044	495863.09	3854377.25	1.90E-04	2.20E-04	1.01E-04	6.60E-08	1.99E-07	1.15E-07	1.33E-07	1.21E-07	5.51E-08	2.52E-08	2.20E-09	5.32E-08	1.17E-08	1.81E-08	2.87E-08	5.06E-09	1.32E-08	1.32E-07
4045	496363.09	3854377.25	1.71E-04	1.98E-04	9.07E-05	5.94E-08	1.79E-07	1.04E-07	1.20E-07	1.09E-07	4.96E-08	2.27E-08	1.98E-09	4.79E-08	1.06E-08	1.63E-08	2.58E-08	4.55E-09	1.19E-08	1.19E-07
4046	496863.09	3854377.25	1.49E-04	1.72E-04	7.89E-05	5.15E-08	1.56E-07	9.01E-08	1.04E-07	9.43E-08	4.30E-08	1.98E-08	1.72E-09	4.16E-08	9.17E-09	1.41E-08	2.24E-08	3.95E-09	1.04E-08	1.03E-07
4047	497363.09	3854377.25	1.17E-04	1.35E-04	6.26E-05	4.07E-08	1.23E-07	7.11E-08	8.20E-08	7.44E-08	3.39E-08	1.57E-08	1.36E-09	3.28E-08	7.24E-09	1.11E-08	1.77E-08	3.11E-09	8.23E-09	8.16E-08
4048	497863.09	3854377.25	1.19E-04	1.37E-04	6.33E-05	4.11E-08	1.24E-07	7.19E-08	8.30E-08	7.52E-08	3.43E-08	1.59E-08	1.37E-09	3.32E-08	7.32E-09	1.13E-08	1.79E-08	3.15E-09	8.32E-09	8.25E-08
4049	498363.09	3854377.25	1.02E-04	1.18E-04	5.46E-05	3.54E-08	1.07E-07	6.18E-08	7.13E-08	6.46E-08	2.95E-08	1.37E-08	1.18E-09	2.85E-08	6.29E-09	9.68E-09	1.54E-08	2.71E-09	7.18E-09	7.09E-08
4050	471363.09	3854877.25	3.12E-05	3.60E-05	1.65E-05	1.08E-08	3.26E-08	1.89E-08	2.18E-08	1.98E-08	9.02E-09	4.13E-09	3.61E-10	8.71E-09	1.92E-09	2.96E-09	4.70E-09	8.28E-10	2.17E-09	2.16E-08
4051	471863.09	3854877.25	3.35E-05	3.87E-05	1.77E-05	1.16E-08	3.50E-08	2.03E-08	2.34E-08	2.12E-08	9.69E-09	4.43E-09	3.87E-10	9.35E-09	2.06E-09	3.18E-09	5.04E-09	8.89E-10	2.33E-09	2.32E-08
4052	472363.09	3854877.25	3.56E-05	4.11E-05	1.88E-05	1.23E-08	3.72E-08	2.15E-08	2.49E-08	2.26E-08	1.03E-08	4.71E-09	4.11E-10	9.94E-09	2.19E-09	3.38E-09	5.36E-09	9.44E-10	2.47E-09	2.47E-08
4053	472863.09	3854877.25	3.68E-05	4.25E-05	1.94E-05	1.27E-08	3.85E-08	2.23E-08	2.57E-08	2.33E-08	1.07E-08	4.87E-09	4.26E-10	1.03E-08	2.27E-09	3.50E-09	5.55E-09	9.77E-10	2.56E-09	2.56E-08
4054	473363.09	3854877.25	4.00E-05	4.63E-05	2.11E-05	1.39E-08	4.19E-08	2.42E-08	2.80E-08	2.54E-08	1.16E-08	5.30E-09	4.63E-10	1.12E-08	2.47E-09	3.80E-09	6.03E-09	1.06E-09	2.78E-09	2.78E-08
4055	473863.09	3854877.25	4.33E-05	5.00E-05	2.28E-05	1.50E-08	4.53E-08	2.62E-08	3.03E-08	2.75E-08	1.25E-08	5.73E-09	5.01E-10	1.21E-08	2.67E-09	4.11E-09	6.52E-09	1.15E-09	3.00E-09	3.01E-08
4056	474363.09	3854877.25	4.76E-05	5.50E-05	2.51E-05	1.65E-08	4.98E-08	2.88E-08	3.33E-08	3.02E-08	1.38E-08	6.29E-09	5.51E-10	1.33E-08	2.94E-09	4.52E-09	7.17E-09	1.26E-09	3.30E-09	3.31E-08
4057	474863.09	3854877.25	4.30E-05	4.97E-05	2.27E-05	1.49E-08	4.50E-08	2.60E-08	3.01E-08	2.73E-08	1.24E-08	5.70E-09	4.97E-10	1.20E-08	2.65E-09	4.08E-09	6.48E-09	1.14E-09	2.99E-09	2.99E-08
4058	475363.09	3854877.25	3.51E-05	4.06E-05	1.86E-05	1.22E-08	3.68E-08	2.13E-08	2.46E-08	2.23E-08	1.02E-08	4.67E-09	4.07E-10	9.83E-09	2.17E-09	3.34E-09	5.30E-09	9.33E-10	2.45E-09	2.44E-08
4059	475863.09	3854877.25	2.72E-05	3.14E-05	1.45E-05	9.44E-09	2.85E-08	1.65E-08	1.90E-08	1.72E-08	7.87E-09	3.64E-09	3.15E-10	7.61E-09	1.68E-09	2.58E-09	4.10E-09	7.22E-10	1.91E-09	1.89E-08
4060	476363.09	3854877.25	1.85E-05	2.13E-05	9.99E-06	6.41E-09	1.93E-08	1.12E-08	1.29E-08	1.17E-08	5.33E-09	2.50E-09	2.14E-10	5.17E-09	1.14E-09	1.75E-09	2.78E-09	4.89E-10	1.31E-09	1.29E-08
4061	476863.09	3854877.25	1.87E-05	2.15E-05	1.01E-05	6.47E-09	1.95E-08	1.13E-08	1.30E-08	1.18E-08	5.38E-09	2.53E-09	2.16E-10	5.22E-09	1.15E-09	1.77E-09	2.80E-09	4.94E-10	1.33E-09	1.30E-08
4062	477363.09	3854877.25	2.27E-05	2.61E-05	1.22E-05	7.86E-09	2.37E-08	1.37E-08	1.58E-08	1.43E-08	6.54E-09	3.06E-09	2.62E-10	6.34E-09	1.40E-09	2.15E-09	3.41E-09	6.01E-10	1.60E-09	1.58E-08
4063	477863.09	3854877.25	2.66E-05	3.07E-05	1.43E-05	9.23E-09	2.79E-08	1.61E-08	1.86E-08	1.69E-08	7.70E-09	3.58E-09	3.08E-10	7.45E-09	1.64E-09	2.53E-09	4.01E-09	7.06E-10	1.88E-09	1.85E-08
4064	478363.09	3854877.25	3.58E-05	4.13E-05	1.90E-05	1.24E-08	3.74E-08	2.17E-08	2.50E-08	2.27E-08	1.03E-08	4.77E-09	4.14E-10	1.00E-08	2.21E-09	3.39E-09	5.39E-09	9.49E-10	2.50E-09	2.49E-08
4065	478863.09	3854877.25	5.06E-05	5.85E-05	2.68E-05	1.76E-08	5.30E-08	3.07E-08	3.54E-08	3.21E-08	1.47E-08	6.71E-09	5.86E-10	1.42E-08	3.12E-09	4.81E-09	7.63E-09	1.35E-09	3.52E-09	3.52E-08
4066	479363.09	3854877.25	7.46E-05	8.63E-05	3.93E-05	2.59E-08	7.81E-08	4.52E-08	5.23E-08	4.74E-08	2.16E-08	9.85E-09	8.64E-10	2.09E-08	4.60E-09	7.10E-09	1.13E-08	1.98E-09	5.17E-09	5.18E-08
4067	479863.09	3854877.25	1.08E-04	1.25E-04	5.69E-05	3.76E-08	1.13E-07	6.57E-08	7.60E-08	6.89E-08	3.14E-08	1.43E-08	1.25E-09	3.03E-08	6.69E-09	1.03E-08	1.64E-08	2.88E-09	7.48E-09	7.53E-08
4068	480363.09	3854877.25	1.44E-04	1.67E-04	7.54E-05	4.99E-08	1.51E-07	8.72E-08	1.01E-07	9.15E-08	4.17E-08	1.89E-08	1.67E-09	4.02E-08	8.88E-09	1.37E-08	2.17E-08	3.83E-09	9.92E-09	1.00E-07
4069	480863.09	3854877.25	1.99E-04	2.30E-04	1.04E-04	6.90E-08	2.08E-07	1.21E-07	1.39E-07	1.26E-07	5.77E-08	2.61E-08	2.30E-09	5.56E-08	1.23E-08	1.89E-08	3.00E-08	5.29E-09	1.37E-08	1.38E-07
4070	481363.09	3854877.25	2.42E-04	2.80E-04	1.26E-04	8.38E-08	2.53E-07	1.46E-07	1.70E-07	1.54E-07	7.01E-08	3.16E-08	2.80E-09	6.76E-08	1.49E-08	2.30E-08	3.65E-08	6.43E-09	1.66E-08	1.68E-07
4071	481863.09	3854877.25	2.68E-04	3.11E-04	1.40E-04	9.30E-08	2.81E-07	1.63E-07	1.88E-07	1.71E-07	7.79E-08	3.51E-08	3.11E-09	7.50E-08	1.66E-08	2.56E-08	4.05E-08	7.15E-09	1.84E-08	1.86E-07
4072	482363.09	3854877.25	3.40E-04	3.93E-04	1.77E-04	1.18E-07	3.55E-07	2.06E-07	2.38E-07	2.16E-07	9.85E-08	4.45E-08	3.93E-09	9.49E-08	2.09E-08	3.23E-08	5.13E-08	9.04E-09	2.33E-08	2.36E-07
4073	482863.09	3854877.25	4.38E-04	5.07E-04	2.30E-04	1.52E-07	4.58E-07	2.65E-07	3.07E-07	2.78E-07	1.27E-07	5.77E-08	5.07E-09	1.22E-07	2.70E-08	4.17E-08	6.61E-08	1.16E-08	3.03E-08	3.04E-07

4074	483363.09	3854877.25	5.96E-04	6.88E-04	3.18E-04	2.07E-07	6.24E-07	3.61E-07	4.17E-07	3.78E-07	1.72E-07	7.96E-08	6.90E-09	1.67E-07	3.68E-08	5.66E-08	8.98E-08	1.58E-08	4.18E-08	4.14E-07
4075	483863.09	3854877.25	8.79E-04	1.02E-03	4.60E-04	3.04E-07	9.19E-07	5.32E-07	6.16E-07	5.58E-07	2.55E-07	1.15E-07	1.02E-08	2.46E-07	5.42E-08	8.36E-08	1.33E-07	2.34E-08	6.05E-08	6.10E-07
4076	484363.09	3854877.25	1.06E-03	1.23E-03	5.55E-04	3.69E-07	1.11E-06	6.44E-07	7.46E-07	6.76E-07	3.08E-07	1.39E-07	1.23E-08	2.97E-07	6.56E-08	1.01E-07	1.61E-07	2.83E-08	7.29E-08	7.38E-07
4077	484863.09	3854877.25	8.86E-04	1.03E-03	4.62E-04	3.07E-07	9.28E-07	5.37E-07	6.22E-07	5.64E-07	2.57E-07	1.16E-07	1.03E-08	2.48E-07	5.47E-08	8.44E-08	1.34E-07	2.36E-08	6.08E-08	6.15E-07
4078	485363.09	3854877.25	1.05E-03	1.22E-03	5.49E-04	3.65E-07	1.10E-06	6.39E-07	7.40E-07	6.71E-07	3.06E-07	1.38E-07	1.22E-08	2.95E-07	6.51E-08	1.00E-07	1.59E-07	2.81E-08	7.23E-08	7.32E-07
4079	485863.09	3854877.25	1.08E-03	1.25E-03	5.60E-04	3.73E-07	1.13E-06	6.51E-07	7.54E-07	6.84E-07	3.12E-07	1.40E-07	1.24E-08	3.01E-07	6.63E-08	1.02E-07	1.62E-07	2.86E-08	7.37E-08	7.47E-07
4080	486363.09	3854877.25	1.00E-03	1.16E-03	5.23E-04	3.48E-07	1.05E-06	6.07E-07	7.03E-07	6.38E-07	2.91E-07	1.31E-07	1.16E-08	2.80E-07	6.19E-08	9.55E-08	1.51E-07	2.67E-08	6.87E-08	6.96E-07
4081	486863.09	3854877.25	9.40E-04	1.09E-03	4.90E-04	3.26E-07	9.84E-07	5.70E-07	6.59E-07	5.98E-07	2.73E-07	1.23E-07	1.09E-08	2.63E-07	5.80E-08	8.95E-08	1.42E-07	2.50E-08	6.45E-08	6.53E-07
4082	487363.09	3854877.25	9.78E-04	1.13E-03	5.10E-04	3.39E-07	1.02E-06	5.93E-07	6.86E-07	6.22E-07	2.84E-07	1.28E-07	1.13E-08	2.73E-07	6.03E-08	9.31E-08	1.48E-07	2.60E-08	6.71E-08	6.79E-07
4083	487863.09	3854877.25	9.94E-04	1.15E-03	5.18E-04	3.44E-07	1.04E-06	6.02E-07	6.97E-07	6.32E-07	2.88E-07	1.30E-07	1.15E-08	2.78E-07	6.13E-08	9.47E-08	1.50E-07	2.65E-08	6.81E-08	6.90E-07
4084	488363.09	3854877.25	9.96E-04	1.15E-03	5.19E-04	3.45E-07	1.04E-06	6.03E-07	6.99E-07	6.33E-07	2.89E-07	1.30E-07	1.15E-08	2.78E-07	6.14E-08	9.49E-08	1.50E-07	2.65E-08	6.82E-08	6.92E-07
4085	488863.09	3854877.25	9.89E-04	1.15E-03	5.15E-04	3.43E-07	1.03E-06	5.99E-07	6.94E-07	6.29E-07	2.87E-07	1.29E-07	1.14E-08	2.76E-07	6.10E-08	9.42E-08	1.49E-07	2.63E-08	6.78E-08	6.87E-07
4086	489363.09	3854877.25	9.40E-04	1.09E-03	4.90E-04	3.26E-07	9.84E-07	5.69E-07	6.59E-07	5.98E-07	2.73E-07	1.23E-07	1.09E-08	2.63E-07	5.80E-08	8.95E-08	1.42E-07	2.50E-08	6.44E-08	6.53E-07
4087	489863.09	3854877.25	8.53E-04	9.88E-04	4.45E-04	2.96E-07	8.93E-07	5.17E-07	5.98E-07	5.42E-07	2.47E-07	1.11E-07	9.87E-09	2.38E-07	5.26E-08	8.12E-08	1.29E-07	2.27E-08	5.85E-08	5.92E-07
4088	490363.09	3854877.25	6.40E-04	7.40E-04	3.34E-04	2.22E-07	6.69E-07	3.87E-07	4.49E-07	4.07E-07	1.86E-07	8.36E-08	7.40E-09	1.79E-07	3.95E-08	6.09E-08	9.66E-08	1.70E-08	4.39E-08	4.44E-07
4089	490863.09	3854877.25	4.49E-04	5.20E-04	2.35E-04	1.56E-07	4.70E-07	2.72E-07	3.15E-07	2.86E-07	1.30E-07	5.88E-08	5.20E-09	1.26E-07	2.77E-08	4.28E-08	6.79E-08	1.20E-08	3.09E-08	3.12E-07
4090	491363.09	3854877.25	4.76E-04	5.50E-04	2.49E-04	1.65E-07	4.98E-07	2.88E-07	3.33E-07	3.02E-07	1.38E-07	6.23E-08	5.50E-09	1.33E-07	2.93E-08	4.53E-08	7.18E-08	1.27E-08	3.27E-08	3.30E-07
4091	491863.09	3854877.25	6.54E-04	7.57E-04	3.42E-04	2.27E-07	6.84E-07	3.96E-07	4.58E-07	4.16E-07	1.90E-07	8.56E-08	7.57E-09	1.83E-07	4.03E-08	6.23E-08	9.88E-08	1.74E-08	4.49E-08	4.54E-07
4092	492363.09	3854877.25	6.23E-04	7.22E-04	3.26E-04	2.16E-07	6.52E-07	3.78E-07	4.37E-07	3.96E-07	1.81E-07	8.16E-08	7.22E-09	1.74E-07	3.85E-08	5.93E-08	9.41E-08	1.66E-08	4.28E-08	4.33E-07
4093	492863.09	3854877.25	5.73E-04	6.63E-04	3.00E-04	1.98E-07	5.99E-07	3.47E-07	4.01E-07	3.64E-07	1.66E-07	7.51E-08	6.63E-09	1.60E-07	3.53E-08	5.45E-08	8.65E-08	1.52E-08	3.94E-08	3.98E-07
4094	493363.09	3854877.25	5.18E-04	5.99E-04	2.71E-04	1.80E-07	5.42E-07	3.14E-07	3.63E-07	3.29E-07	1.50E-07	6.80E-08	6.00E-09	1.45E-07	3.20E-08	4.93E-08	7.82E-08	1.38E-08	3.57E-08	3.60E-07
4095	493863.09	3854877.25	4.73E-04	5.47E-04	2.48E-04	1.64E-07	4.94E-07	2.86E-07	3.31E-07	3.00E-07	1.37E-07	6.21E-08	5.47E-09	1.32E-07	2.91E-08	4.50E-08	7.13E-08	1.26E-08	3.26E-08	3.28E-07
4096	494363.09	3854877.25	3.62E-04	4.19E-04	1.90E-04	1.26E-07	3.79E-07	2.20E-07	2.54E-07	2.30E-07	1.05E-07	4.77E-08	4.19E-09	1.01E-07	2.24E-08	3.45E-08	5.47E-08	9.64E-09	2.50E-08	2.52E-07
4097	494863.09	3854877.25	2.60E-04	3.01E-04	1.37E-04	9.03E-08	2.73E-07	1.58E-07	1.82E-07	1.65E-07	7.54E-08	3.44E-08	3.01E-09	7.28E-08	1.61E-08	2.48E-08	3.93E-08	6.92E-09	1.80E-08	1.81E-07
4098	495363.09	3854877.25	2.04E-04	2.36E-04	1.08E-04	7.08E-08	2.14E-07	1.24E-07	1.43E-07	1.30E-07	5.91E-08	2.71E-08	2.36E-09	5.71E-08	1.26E-08	1.94E-08	3.08E-08	5.43E-09	1.42E-08	1.42E-07
4099	495863.09	3854877.25	1.74E-04	2.01E-04	9.21E-05	6.02E-08	1.82E-07	1.05E-07	1.22E-07	1.10E-07	5.03E-08	2.31E-08	2.01E-09	4.86E-08	1.07E-08	1.65E-08	2.62E-08	4.61E-09	1.21E-08	1.21E-07
4100	496363.09	3854877.25	1.39E-04	1.60E-04	7.38E-05	4.80E-08	1.45E-07	8.39E-08	9.68E-08	8.78E-08	4.01E-08	1.85E-08	1.60E-09	3.87E-08	8.54E-09	1.31E-08	2.09E-08	3.68E-09	9.70E-09	9.62E-08
4101	496863.09	3854877.25	1.18E-04	1.36E-04	6.31E-05	4.09E-08	1.24E-07	7.15E-08	8.25E-08	7.48E-08	3.41E-08	1.58E-08	1.37E-09	3.30E-08	7.28E-09	1.12E-08	1.78E-08	3.13E-09	8.30E-09	8.20E-08
4102	497363.09	3854877.25	1.10E-04	1.27E-04	5.90E-05	3.82E-08	1.15E-07	6.67E-08	7.70E-08	6.98E-08	3.18E-08	1.48E-08	1.27E-09	3.08E-08	6.80E-09	1.04E-08	1.66E-08	2.92E-09	7.75E-09	7.66E-08
4103	497863.09	3854877.25	1.17E-04	1.35E-04	6.27E-05	4.06E-08	1.23E-07	7.10E-08	8.19E-08	7.42E-08	3.39E-08	1.57E-08	1.36E-09	3.28E-08	7.23E-09	1.11E-08	1.76E-08	3.11E-09	8.24E-09	8.15E-08
4104	498363.09	3854877.25	1.12E-04	1.29E-04	6.01E-05	3.89E-08	1.17E-07	6.79E-08	7.84E-08	7.10E-08	3.24E-08	1.50E-08	1.30E-09	3.14E-08	6.92E-09	1.06E-08	1.69E-08	2.97E-09	7.90E-09	7.80E-08
4105	471363.09	3855377.25	3.20E-05	3.70E-05	1.69E-05	1.11E-08	3.35E-08	1.94E-08	2.24E-08	2.03E-08	9.27E-09	4.24E-09	3.71E-10	8.96E-09	1.98E-09	3.04E-09	4.83E-09	8.51E-10	2.23E-09	2.23E-08
4106	471863.09	3855377.25	3.36E-05	3.89E-05	1.78E-05	1.17E-08	3.52E-08	2.04E-08	2.35E-08	2.13E-08	9.74E-09	4.45E-09	3.89E-10	9.40E-09	2.08E-09	3.20E-09	5.07E-09	8.94E-10	2.34E-09	2.34E-08
4107	472363.09	3855377.25	3.63E-05	4.19E-05	1.92E-05	1.26E-08	3.80E-08	2.20E-08	2.54E-08	2.30E-08	1.05E-08	4.80E-09	4.20E-10	1.01E-08	2.24E-09	3.45E-09	5.47E-09	9.64E-10	2.52E-09	2.52E-08
4108	472863.09	3855377.25	3.81E-05	4.40E-05	2.01E-05	1.32E-08	3.98E-08	2.31E-08	2.66E-08	2.42E-08	1.10E-08	5.04E-09	4.41E-10	1.06E-08	2.35E-09	3.62E-09	5.74E-09	1.01E-09	2.64E-09	2.64E-08
4109	473363.09	3855377.25	4.17E-05	4.82E-05	2.20E-05	1.45E-08	4.37E-08	2.53E-08	2.92E-08	2.65E-08	1.21E-08	5.52E-09	4.83E-10	1.17E-08	2.57E-09	3.97E-09	6.29E-09	1.11E-09	2.90E-09	2.90E-08
4110	473863.09	3855377.25	4.51E-05	5.22E-05	2.38E-05	1.56E-08	4.72E-08	2.73E-08	3.16E-08	2.86E-08	1.31E-08	5.96E-09	5.22E-10	1.26E-08	2.78E-09	4.29E-09	6.80E-09	1.20E-09	3.13E-09	3.13E-08
4111	474363.09	3855377.25	4.86E-05	5.62E-05	2.57E-05	1.68E-08	5.09E-08	2.94E-08	3.40E-08	3.08E-08	1.41E-08	6.43E-09	5.62E-10	1.36E-08	3.00E-09	4.62E-09	7.33E-09	1.29E-09	3.37E-09	3.38E-08
4112	474863.09	3855377.25	4.42E-05	5.10E-05	2.33E-05	1.53E-08	4.62E-08	2.68E-08	3.09E-08	2.80E-08	1.28E-08	5.85E-09	5.11E-10	1.23E-08	2.72E-09	4.20E-09	6.66E-09	1.17E-09	3.07E-09	3.07E-08
4113	475363.09	3855377.25	2.31E-05	2.66E-05	1.23E-05	7.99E-09	2.41E-08	1.40E-08	1.61E-08	1.46E-08	6.66E-09	3.09E-09	2.67E-10	6.44E-09	1.42E-09	2.19E-09	3.47E-09	6.11E-10	1.62E-09	1.60E-08
4114	475863.09	3855377.25	1.78E-05	2.05E-05	9.61E-06	6.17E-09	1.86E-08	1.08E-08	1.24E-08	1.13E-08	5.14E-09	2.41E-09	2.06E-10	4.98E-09	1.10E-09	1.69E-09	2.68E-09	4.72E-10	1.26E-09	1.24E-08
4115	476363.09	3855377.25	2.11E-05	2.43E-05	1.13E-05	7.31E-09	2.21E-08	1.28E-08	1.47E-08	1.33E-08	6.09E-09	2.84E-09	2.44E-10	5.89E-09	1.30E-09	2.00E-09	3.17E-09	5.59E-10	1.49E-09	1.47E-08
4116	476863.09	3855377.25	2.11E-05	2.43E-05	1.14E-05	7.31E-09	2.21E-08	1.28E-08	1.47E-08	1.33E-08	6.09E-09	2.85E-09	2.44E-10	5.90E-09	1.30E-09	2.00E-09	3.17E-09	5.59E-10	1.49E-09	1.47E-08
4117	477363.09	3855377.25	2.37E-05	2.73E-05	1.27E-05	8.22E-09	2.48E-08	1.44E-08	1.66E-08	1.50E-08	6.85E-09	3.19E-09	2.74E-10	6.63E-09	1.46E-09	2.25E-09	3.57E-09	6.28E-10	1.68E-09	1.65E-08
4118	477863.09	3855377.25	3.09E-05	3.57E-05	1.65E-05	1.07E-08	3.24E-08	1.87E-08	2.16E-08	1.96E-08	8.94E-09	4.14E-09	3.58E-10	8.65E-09	1.91E-09	2.94E-09	4.66E-09	8.21E-10	2.17E-09	2.15E-08
4119	478363.09	3855377.25	4.05E-05	4.67E-05	2.15E-05	1.40E-08	4.23E-08	2.45E-08	2.83E-08	2.56E-08	1.17E-08	5.39E-09	4.68E-10	1.13E-08	2.50E-09	3.84E-09	6.09E-09	1.07E-09	2.83E-09	2.81E-08
4120	478863.09	3855377.25	5.21E-05	6.01E-05	2.76E-05	1.80E-08	5.45E-08	3.15E-08	3.64E-08	3.30E-08	1.51E-08	6.91E-09	6.03E-10	1.46E-08	3.21E-09	4.95E-09	7.85E-09	1.38E-09	3.62E-09	3.62E-08
4121	479363.09	3855377.25	7.25E-05	8.37E-05	3.82E-05	2.51E-08	7.58E-08	4.39E-08	5.07E-08	4.60E-08	2.10E-08	9.57E-09	8.39E-10	2.03E-08	4.47E-09	6.89E-09	1.09E-08	1.93E-09	5.02E-09	5.03E-08
4122	479863.09	3855377.25	9.64E-05	1.11E-04	5.07E-05	3.34E-08	1.01E-07	5.84E-08	6.75E-08	6.12E-08	2.79E-08	1.27E-08	1.12E-09	2.69E-08	5.94E-09	9.16E-09	1.45E-08	2.56E-09	6.66E-09	6.69E-08
4123	480363.09	3855377.25	1.47E-04	1.69E-04	7.68E-05	5.08E-08	1.53E-07	8.87E-08	1.03E-07	9.31E-08	4.25E-08	1.92E-08	1.70E-09	4.10E-08	9.04E-09	1.39E-08	2.21E-08	3.90E-09	1.01E-08	1.02E-07
4124	480863.09	3855377.25	2.10E-04	2.43E-04	1.10E-04	7.29E-08	2.20E-07	1.27E-07	1.47E-07	1.34E-07	6.10E-08	2.76E-08	2.43E-09	5.88E-08	1.30E-08	2.00E-08	3.18E-08	5.60E-09	1.45E-08	1.46E-07
4125	481363.09	3855377.25	2.71E-04	3.13E-04	1.41E-04	9.38E-08	2.83E-07	1.64E-07	1.90E-07	1.72E-07	7.85E-08	3.54E-08	3.13E-09	7.56E-08	1.67E-08	2.58E-08	4.09E-08	7.20E-09	1.86E-08	1.88E-07
4126	481863.09	3855377.25	3.27E-04	3.78E-04	1.71E-04	1.13E-07	3.42E-07	1.98E-07	2.29E-07	2.08E-07	9.47E-08	4.27E-08	3.78E-09	9.13E-08	2.01E-08	3.11E-08	4.93E-08	8.69E-09	2.24E-08	2.27E-07

4127	482363.09	3855377.25	3.84E-04	4.45E-04	2.01E-04	1.33E-07	4.02E-07	2.33E-07	2.70E-07	2.44E-07	1.11E-07	5.03E-08	4.45E-09	1.07E-07	2.37E-08	3.66E-08	5.81E-08	1.02E-08	2.64E-08	2.67E-07
4128	482863.09	3855377.25	4.96E-04	5.74E-04	2.59E-04	1.72E-07	5.19E-07	3.00E-07	3.48E-07	3.15E-07	1.44E-07	6.49E-08	5.74E-09	1.39E-07	3.06E-08	4.72E-08	7.49E-08	1.32E-08	3.41E-08	3.44E-07
4129	483363.09	3855377.25	6.75E-04	7.81E-04	3.52E-04	2.34E-07	7.06E-07	4.09E-07	4.73E-07	4.29E-07	1.96E-07	8.83E-08	7.81E-09	1.89E-07	4.16E-08	6.43E-08	1.02E-07	1.80E-08	4.63E-08	4.69E-07
4130	483863.09	3855377.25	1.12E-03	1.30E-03	5.86E-04	3.90E-07	1.18E-06	6.81E-07	7.88E-07	7.15E-07	3.26E-07	1.47E-07	1.30E-08	3.14E-07	6.93E-08	1.07E-07	1.70E-07	2.99E-08	7.70E-08	7.80E-07
4131	484363.09	3855377.25	3.25E-03	3.77E-03	1.69E-03	1.13E-06	3.41E-06	1.97E-06	2.28E-06	2.07E-06	9.45E-07	4.24E-07	3.77E-08	9.10E-07	2.01E-07	3.10E-07	4.92E-07	8.67E-08	2.23E-07	2.26E-06
4132	484863.09	3855377.25	3.21E-02	3.72E-02	1.67E-02	1.11E-05	3.36E-05	1.95E-05	2.25E-05	2.04E-05	9.33E-06	4.18E-06	3.72E-07	8.98E-06	1.98E-06	3.06E-06	4.86E-06	8.56E-07	2.20E-06	2.23E-05
4133	485363.09	3855377.25	1.18E-02	1.36E-02	6.11E-03	4.07E-06	1.23E-05	7.12E-06	8.25E-06	7.47E-06	3.41E-06	1.53E-06	1.36E-07	3.28E-06	7.25E-07	1.12E-06	1.78E-06	3.13E-07	8.03E-07	8.16E-06
4134	485863.09	3855377.25	5.61E-03	6.49E-03	2.91E-03	1.94E-06	5.87E-06	3.40E-06	3.93E-06	3.56E-06	1.63E-06	7.30E-07	6.49E-08	1.57E-06	3.46E-07	5.34E-07	8.47E-07	1.49E-07	3.83E-07	3.89E-06
4135	486363.09	3855377.25	3.40E-03	3.93E-03	1.77E-03	1.18E-06	3.55E-06	2.06E-06	2.38E-06	2.16E-06	9.85E-07	4.43E-07	3.93E-08	9.49E-07	2.09E-07	3.23E-07	5.13E-07	9.04E-08	2.32E-07	2.36E-06
4136	486863.09	3855377.25	2.41E-03	2.80E-03	1.26E-03	8.37E-07	2.53E-06	1.46E-06	1.69E-06	1.54E-06	7.01E-07	3.15E-07	2.79E-08	6.75E-07	1.49E-07	2.30E-07	3.65E-07	6.43E-08	1.65E-07	1.68E-06
4137	487363.09	3855377.25	2.17E-03	2.51E-03	1.13E-03	7.52E-07	2.27E-06	1.31E-06	1.52E-06	1.38E-06	6.30E-07	2.83E-07	2.51E-08	6.07E-07	1.34E-07	2.07E-07	3.28E-07	5.78E-08	1.49E-07	1.51E-06
4138	487863.09	3855377.25	1.96E-03	2.27E-03	1.02E-03	6.78E-07	2.05E-06	1.19E-06	1.37E-06	1.24E-06	5.68E-07	2.55E-07	2.26E-08	5.47E-07	1.21E-07	1.86E-07	2.96E-07	5.21E-08	1.34E-07	1.36E-06
4139	488363.09	3855377.25	1.77E-03	2.05E-03	9.23E-04	6.14E-07	1.85E-06	1.07E-06	1.24E-06	1.13E-06	5.14E-07	2.31E-07	2.05E-08	4.95E-07	1.09E-07	1.69E-07	2.68E-07	4.72E-08	1.21E-07	1.23E-06
4140	488863.09	3855377.25	1.60E-03	1.85E-03	8.33E-04	5.54E-07	1.67E-06	9.69E-07	1.12E-06	1.02E-06	4.64E-07	2.09E-07	1.85E-08	4.47E-07	9.87E-08	1.52E-07	2.42E-07	4.26E-08	1.10E-07	1.11E-06
4141	489363.09	3855377.25	1.44E-03	1.66E-03	7.48E-04	4.97E-07	1.50E-06	8.70E-07	1.01E-06	9.13E-07	4.16E-07	1.87E-07	1.66E-08	4.01E-07	8.85E-08	1.37E-07	2.17E-07	3.82E-08	9.83E-08	9.96E-07
4142	489863.09	3855377.25	1.26E-03	1.46E-03	6.59E-04	4.38E-07	1.32E-06	7.66E-07	8.87E-07	8.04E-07	3.67E-07	1.65E-07	1.46E-08	3.54E-07	7.80E-08	1.20E-07	1.91E-07	3.37E-08	8.66E-08	8.78E-07
4143	490363.09	3855377.25	1.15E-03	1.34E-03	6.01E-04	4.00E-07	1.21E-06	6.99E-07	8.09E-07	7.33E-07	3.35E-07	1.51E-07	1.34E-08	3.22E-07	7.12E-08	1.10E-07	1.74E-07	3.07E-08	7.91E-08	8.01E-07
4144	490863.09	3855377.25	7.51E-04	8.69E-04	3.92E-04	2.60E-07	7.86E-07	4.55E-07	5.27E-07	4.77E-07	2.18E-07	9.83E-08	8.69E-09	2.10E-07	4.63E-08	7.15E-08	1.13E-07	2.00E-08	5.16E-08	5.21E-07
4145	491363.09	3855377.25	6.10E-04	7.06E-04	3.19E-04	2.12E-07	6.39E-07	3.70E-07	4.28E-07	3.88E-07	1.77E-07	7.99E-08	7.06E-09	1.71E-07	3.76E-08	5.81E-08	9.22E-08	1.62E-08	4.19E-08	4.24E-07
4146	491863.09	3855377.25	8.16E-04	9.45E-04	4.26E-04	2.83E-07	8.54E-07	4.95E-07	5.72E-07	5.19E-07	2.37E-07	1.07E-07	9.45E-09	2.28E-07	5.04E-08	7.77E-08	1.23E-07	2.17E-08	5.61E-08	5.67E-07
4147	492363.09	3855377.25	7.52E-04	8.71E-04	3.93E-04	2.61E-07	7.87E-07	4.56E-07	5.27E-07	4.78E-07	2.18E-07	9.86E-08	8.71E-09	2.10E-07	4.64E-08	7.16E-08	1.14E-07	2.00E-08	5.17E-08	5.22E-07
4148	492863.09	3855377.25	6.75E-04	7.81E-04	3.53E-04	2.34E-07	7.06E-07	4.09E-07	4.73E-07	4.29E-07	1.96E-07	8.85E-08	7.81E-09	1.89E-07	4.16E-08	6.42E-08	1.02E-07	1.80E-08	4.65E-08	4.69E-07
4149	493363.09	3855377.25	5.80E-04	6.71E-04	3.04E-04	2.01E-07	6.07E-07	3.51E-07	4.06E-07	3.68E-07	1.68E-07	7.62E-08	6.71E-09	1.62E-07	3.58E-08	5.52E-08	8.75E-08	1.54E-08	4.00E-08	4.03E-07
4150	493863.09	3855377.25	4.44E-04	5.14E-04	2.34E-04	1.54E-07	4.65E-07	2.69E-07	3.11E-07	2.82E-07	1.29E-07	5.85E-08	5.14E-09	1.24E-07	2.74E-08	4.23E-08	6.70E-08	1.18E-08	3.07E-08	3.09E-07
4151	494363.09	3855377.25	3.20E-04	3.70E-04	1.68E-04	1.11E-07	3.35E-07	1.94E-07	2.24E-07	2.03E-07	9.26E-08	4.22E-08	3.70E-09	8.94E-08	1.97E-08	3.04E-08	4.82E-08	8.50E-09	2.22E-08	2.22E-07
4152	494863.09	3855377.25	2.29E-04	2.64E-04	1.21E-04	7.93E-08	2.39E-07	1.39E-07	1.60E-07	1.45E-07	6.62E-08	3.03E-08	2.65E-09	6.39E-08	1.41E-08	2.17E-08	3.45E-08	6.08E-09	1.59E-08	1.59E-07
4153	495363.09	3855377.25	1.74E-04	2.01E-04	9.25E-05	6.03E-08	1.82E-07	1.05E-07	1.22E-07	1.10E-07	5.04E-08	2.32E-08	2.01E-09	4.87E-08	1.07E-08	1.65E-08	2.62E-08	4.62E-09	1.22E-08	1.21E-07
4154	495863.09	3855377.25	1.40E-04	1.62E-04	7.48E-05	4.86E-08	1.47E-07	8.49E-08	9.79E-08	8.88E-08	4.05E-08	1.88E-08	1.62E-09	3.92E-08	8.65E-09	1.33E-08	2.11E-08	3.72E-09	9.84E-09	9.74E-08
4155	496363.09	3855377.25	1.30E-04	1.50E-04	6.97E-05	4.51E-08	1.36E-07	7.89E-08	9.10E-08	8.25E-08	3.76E-08	1.75E-08	1.51E-09	3.64E-08	8.03E-09	1.24E-08	1.96E-08	3.45E-09	9.16E-09	9.05E-08
4156	496863.09	3855377.25	1.22E-04	1.41E-04	6.53E-05	4.23E-08	1.28E-07	7.39E-08	8.52E-08	7.72E-08	3.52E-08	1.64E-08	1.41E-09	3.41E-08	7.52E-09	1.16E-08	1.83E-08	3.23E-09	8.59E-09	8.48E-08
4157	497363.09	3855377.25	1.20E-04	1.38E-04	6.42E-05	4.15E-08	1.25E-07	7.25E-08	8.36E-08	7.58E-08	3.46E-08	1.61E-08	1.39E-09	3.35E-08	7.39E-09	1.14E-08	1.80E-08	3.17E-09	8.44E-09	8.32E-08
4158	497863.09	3855377.25	1.22E-04	1.40E-04	6.51E-05	4.21E-08	1.27E-07	7.36E-08	8.49E-08	7.69E-08	3.51E-08	1.63E-08	1.41E-09	3.40E-08	7.50E-09	1.15E-08	1.83E-08	3.22E-09	8.56E-09	8.45E-08
4159	498363.09	3855377.25	1.26E-04	1.45E-04	6.74E-05	4.36E-08	1.32E-07	7.63E-08	8.79E-08	7.97E-08	3.64E-08	1.69E-08	1.46E-09	3.52E-08	7.77E-09	1.19E-08	1.89E-08	3.34E-09	8.87E-09	8.75E-08
4160	471363.09	3855877.25	3.17E-05	3.66E-05	1.68E-05	1.10E-08	3.32E-08	1.92E-08	2.22E-08	2.01E-08	9.18E-09	4.20E-09	3.67E-10	8.86E-09	1.96E-09	3.01E-09	4.78E-09	8.42E-10	2.20E-09	2.20E-08
4161	471863.09	3855877.25	3.33E-05	3.84E-05	1.76E-05	1.15E-08	3.48E-08	2.02E-08	2.33E-08	2.11E-08	9.63E-09	4.41E-09	3.85E-10	9.30E-09	2.05E-09	3.16E-09	5.02E-09	8.84E-10	2.31E-09	2.31E-08
4162	472363.09	3855877.25	3.63E-05	4.19E-05	1.92E-05	1.26E-08	3.79E-08	2.20E-08	2.54E-08	2.30E-08	1.05E-08	4.80E-09	4.20E-10	1.01E-08	2.24E-09	3.44E-09	5.47E-09	9.63E-10	2.52E-09	2.52E-08
4163	472863.09	3855877.25	3.76E-05	4.34E-05	1.98E-05	1.30E-08	3.93E-08	2.28E-08	2.63E-08	2.38E-08	1.09E-08	4.97E-09	4.35E-10	1.05E-08	2.32E-09	3.57E-09	5.66E-09	9.98E-10	2.61E-09	2.61E-08
4164	473363.09	3855877.25	4.15E-05	4.80E-05	2.19E-05	1.44E-08	4.35E-08	2.52E-08	2.91E-08	2.64E-08	1.20E-08	5.50E-09	4.81E-10	1.16E-08	2.56E-09	3.95E-09	6.26E-09	1.10E-09	2.88E-09	2.89E-08
4165	473863.09	3855877.25	4.49E-05	5.19E-05	2.37E-05	1.56E-08	4.70E-08	2.72E-08	3.14E-08	2.85E-08	1.30E-08	5.94E-09	5.20E-10	1.26E-08	2.77E-09	4.27E-09	6.77E-09	1.19E-09	3.12E-09	3.12E-08
4166	474363.09	3855877.25	4.80E-05	5.55E-05	2.54E-05	1.66E-08	5.02E-08	2.91E-08	3.36E-08	3.04E-08	1.39E-08	6.36E-09	5.55E-10	1.34E-08	2.96E-09	4.56E-09	7.23E-09	1.28E-09	3.34E-09	3.33E-08
4167	474863.09	3855877.25	4.16E-05	4.81E-05	2.20E-05	1.44E-08	4.36E-08	2.52E-08	2.91E-08	2.64E-08	1.21E-08	5.52E-09	4.82E-10	1.16E-08	2.57E-09	3.96E-09	6.28E-09	1.11E-09	2.90E-09	2.89E-08
4168	475363.09	3855877.25	2.83E-05	3.27E-05	1.51E-05	9.81E-09	2.96E-08	1.72E-08	1.98E-08	1.80E-08	8.19E-09	3.77E-09	3.28E-10	7.92E-09	1.75E-09	2.69E-09	4.27E-09	7.52E-10	1.98E-09	1.97E-08
4169	475863.09	3855877.25	1.35E-05	1.55E-05	7.34E-06	4.68E-09	1.41E-08	8.18E-09	9.41E-09	8.53E-09	3.89E-09	1.84E-09	1.56E-10	3.78E-09	8.33E-10	1.28E-09	2.03E-09	3.57E-10	9.65E-10	9.39E-09
4170	476363.09	3855877.25	1.45E-05	1.67E-05	7.90E-06	5.04E-09	1.52E-08	8.81E-09	1.01E-08	9.19E-09	4.19E-09	1.98E-09	1.68E-10	4.07E-09	8.97E-10	1.38E-09	2.18E-09	3.85E-10	1.04E-09	1.01E-08
4171	476863.09	3855877.25	2.15E-05	2.47E-05	1.15E-05	7.44E-09	2.25E-08	1.30E-08	1.50E-08	1.36E-08	6.20E-09	2.89E-09	2.48E-10	6.00E-09	1.32E-09	2.03E-09	3.23E-09	5.69E-10	1.52E-09	1.49E-08
4172	477363.09	3855877.25	2.64E-05	3.05E-05	1.41E-05	9.15E-09	2.76E-08	1.60E-08	1.85E-08	1.67E-08	7.63E-09	3.54E-09	3.06E-10	7.38E-09	1.63E-09	2.51E-09	3.97E-09	7.00E-10	1.86E-09	1.84E-08
4173	477863.09	3855877.25	3.23E-05	3.73E-05	1.72E-05	1.12E-08	3.38E-08	1.96E-08	2.26E-08	2.05E-08	9.34E-09	4.32E-09	3.74E-10	9.03E-09	1.99E-09	3.07E-09	4.87E-09	8.58E-10	2.27E-09	2.25E-08
4174	478363.09	3855877.25	4.23E-05	4.88E-05	2.24E-05	1.46E-08	4.42E-08	2.56E-08	2.96E-08	2.68E-08	1.22E-08	5.62E-09	4.89E-10	1.18E-08	2.61E-09	4.01E-09	6.37E-09	1.12E-09	2.95E-09	2.94E-08
4175	478863.09	3855877.25	5.60E-05	6.47E-05	2.96E-05	1.94E-08	5.86E-08	3.39E-08	3.92E-08	3.55E-08	1.62E-08	7.43E-09	6.49E-10	1.57E-08	3.46E-09	5.32E-09	8.45E-09	1.49E-09	3.90E-09	3.89E-08
4176	479363.09	3855877.25	7.85E-05	9.08E-05	4.14E-05	2.72E-08	8.22E-08	4.76E-08	5.50E-08	4.98E-08	2.27E-08	1.04E-08	9.09E-10	2.20E-08	4.84E-09	7.47E-09	1.18E-08	2.09E-09	5.45E-09	5.46E-08
4177	479863.09	3855877.25	1.06E-04	1.23E-04	5.59E-05	3.68E-08	1.11E-07	6.43E-08	7.44E-08	6.74E-08	3.08E-08	1.40E-08	1.23E-09	2.97E-08	6.55E-09	1.01E-08	1.60E-08	2.82E-09	7.35E-09	7.38E-08
4178	480363.09	3855877.25	1.49E-04	1.73E-04	7.84E-05	5.18E-08	1.56E-07	9.05E-08	1.05E-07	9.49E-08	4.33E-08	1.96E-08	1.73E-09	4.18E-08	9.22E-09	1.42E-08	2.26E-08	3.97E-09	1.03E-08	1.04E-07
4179	480863.09	3855877.25	2.07E-04	2.40E-04	1.08E-04	7.18E-08	2.17E-07	1.25E-07	1.45E-07	1.32E-07	6.00E-08	2.72E-08	2.40E-09	5.79E-08	1.28E-08	1.97E-08	3.13E-08	5.51E-09	1.43E-08	1.44E-07

4180	481363.09	3855877.25	2.43E-04	2.81E-04	1.27E-04	8.43E-08	2.55E-07	1.47E-07	1.71E-07	1.55E-07	7.05E-08	3.19E-08	2.81E-09	6.80E-08	1.50E-08	2.31E-08	3.67E-08	6.47E-09	1.67E-08	1.69E-07
4181	481863.09	3855877.25	3.33E-04	3.86E-04	1.74E-04	1.15E-07	3.49E-07	2.02E-07	2.34E-07	2.12E-07	9.66E-08	4.36E-08	3.85E-09	9.31E-08	2.05E-08	3.17E-08	5.03E-08	8.86E-09	2.29E-08	2.31E-07
4182	482363.09	3855877.25	3.91E-04	4.53E-04	2.04E-04	1.36E-07	4.09E-07	2.37E-07	2.74E-07	2.49E-07	1.13E-07	5.12E-08	4.53E-09	1.09E-07	2.41E-08	3.72E-08	5.91E-08	1.04E-08	2.69E-08	2.72E-07
4183	482863.09	3855877.25	5.15E-04	5.96E-04	2.69E-04	1.78E-07	5.39E-07	3.12E-07	3.61E-07	3.27E-07	1.49E-07	6.74E-08	5.96E-09	1.44E-07	3.18E-08	4.90E-08	7.77E-08	1.37E-08	3.54E-08	3.57E-07
4184	483363.09	3855877.25	7.10E-04	8.21E-04	3.72E-04	2.46E-07	7.43E-07	4.30E-07	4.98E-07	4.51E-07	2.06E-07	9.31E-08	8.21E-09	1.98E-07	4.38E-08	6.75E-08	1.07E-07	1.89E-08	4.89E-08	4.93E-07
4185	483863.09	3855877.25	1.02E-03	1.18E-03	5.35E-04	3.54E-07	1.07E-06	6.19E-07	7.17E-07	6.50E-07	2.96E-07	1.34E-07	1.18E-08	2.86E-07	6.31E-08	9.73E-08	1.54E-07	2.72E-08	7.03E-08	7.10E-07
4186	484363.09	3855877.25	1.82E-03	2.10E-03	9.51E-04	6.30E-07	1.90E-06	1.10E-06	1.27E-06	1.16E-06	5.27E-07	2.38E-07	2.10E-08	5.08E-07	1.12E-07	1.73E-07	2.74E-07	4.84E-08	1.25E-07	1.26E-06
4187	484863.09	3855877.25	3.94E-03	4.56E-03	2.05E-03	1.36E-06	4.12E-06	2.39E-06	2.76E-06	2.50E-06	1.14E-06	5.14E-07	4.56E-08	1.10E-06	2.43E-07	3.75E-07	5.95E-07	1.05E-07	2.70E-07	2.73E-06
4188	485363.09	3855877.25	2.94E-02	3.41E-02	1.53E-02	1.02E-05	3.08E-05	1.78E-05	2.07E-05	1.87E-05	8.54E-06	3.83E-06	3.41E-07	8.23E-06	1.82E-06	2.80E-06	4.45E-06	7.84E-07	2.01E-06	2.04E-05
4189	485863.09	3855877.25	1.86E-02	2.15E-02	9.64E-03	6.43E-06	1.94E-05	1.12E-05	1.30E-05	1.18E-05	5.38E-06	2.42E-06	2.15E-07	5.19E-06	1.14E-06	1.77E-06	2.80E-06	4.94E-07	1.27E-06	1.29E-05
4190	486363.09	3855877.25	7.54E-03	8.73E-03	3.92E-03	2.61E-06	7.89E-06	4.56E-06	5.29E-06	4.79E-06	2.19E-06	9.82E-07	8.72E-08	2.11E-06	4.65E-07	7.18E-07	1.14E-06	2.01E-07	5.15E-07	5.23E-06
4191	486863.09	3855877.25	4.86E-03	5.63E-03	2.53E-03	1.68E-06	5.08E-06	2.94E-06	3.41E-06	3.09E-06	1.41E-06	6.33E-07	5.62E-08	1.36E-06	3.00E-07	4.63E-07	7.34E-07	1.29E-07	3.32E-07	3.37E-06
4192	487363.09	3855877.25	3.90E-03	4.51E-03	2.03E-03	1.35E-06	4.08E-06	2.36E-06	2.73E-06	2.48E-06	1.13E-06	5.08E-07	4.51E-08	1.09E-06	2.40E-07	3.71E-07	5.89E-07	1.04E-07	2.67E-07	2.70E-06
4193	487863.09	3855877.25	3.22E-03	3.73E-03	1.67E-03	1.12E-06	3.37E-06	1.95E-06	2.26E-06	2.05E-06	9.34E-07	4.20E-07	3.73E-08	9.00E-07	1.99E-07	3.07E-07	4.86E-07	8.57E-08	2.20E-07	2.23E-06
4194	488363.09	3855877.25	2.68E-03	3.10E-03	1.39E-03	9.28E-07	2.80E-06	1.62E-06	1.88E-06	1.70E-06	7.77E-07	3.49E-07	3.10E-08	7.48E-07	1.65E-07	2.55E-07	4.05E-07	7.13E-08	1.83E-07	1.86E-06
4195	488863.09	3855877.25	2.27E-03	2.63E-03	1.18E-03	7.87E-07	2.37E-06	1.37E-06	1.59E-06	1.44E-06	6.59E-07	2.96E-07	2.63E-08	6.34E-07	1.40E-07	2.16E-07	3.43E-07	6.04E-08	1.55E-07	1.58E-06
4196	489363.09	3855877.25	1.93E-03	2.23E-03	1.00E-03	6.68E-07	2.02E-06	1.17E-06	1.35E-06	1.23E-06	5.60E-07	2.52E-07	2.23E-08	5.39E-07	1.19E-07	1.84E-07	2.91E-07	5.14E-08	1.32E-07	1.34E-06
4197	489863.09	3855877.25	1.65E-03	1.91E-03	8.60E-04	5.72E-07	1.73E-06	1.00E-06	1.16E-06	1.05E-06	4.79E-07	2.15E-07	1.91E-08	4.61E-07	1.02E-07	1.57E-07	2.49E-07	4.40E-08	1.13E-07	1.15E-06
4198	490363.09	3855877.25	1.43E-03	1.65E-03	7.44E-04	4.95E-07	1.49E-06	8.65E-07	1.00E-06	9.08E-07	4.14E-07	1.86E-07	1.65E-08	3.99E-07	8.81E-08	1.36E-07	2.16E-07	3.80E-08	9.78E-08	9.91E-07
4199	490863.09	3855877.25	1.23E-03	1.42E-03	6.41E-04	4.26E-07	1.29E-06	7.45E-07	8.62E-07	7.82E-07	3.57E-07	1.61E-07	1.42E-08	3.44E-07	7.59E-08	1.17E-07	1.86E-07	3.27E-08	8.43E-08	8.54E-07
4200	491363.09	3855877.25	1.02E-03	1.18E-03	5.32E-04	3.53E-07	1.07E-06	6.17E-07	7.14E-07	6.47E-07	2.95E-07	1.33E-07	1.18E-08	2.85E-07	6.28E-08	9.69E-08	1.54E-07	2.71E-08	6.99E-08	7.07E-07
4201	491863.09	3855877.25	9.50E-04	1.10E-03	4.97E-04	3.29E-07	9.94E-07	5.76E-07	6.66E-07	6.04E-07	2.76E-07	1.24E-07	1.10E-08	2.66E-07	5.86E-08	9.05E-08	1.43E-07	2.53E-08	6.53E-08	6.60E-07
4202	492363.09	3855877.25	8.31E-04	9.62E-04	4.35E-04	2.88E-07	8.70E-07	5.04E-07	5.83E-07	5.28E-07	2.41E-07	1.09E-07	9.62E-09	2.32E-07	5.13E-08	7.91E-08	1.26E-07	2.21E-08	5.72E-08	5.77E-07
4203	492863.09	3855877.25	7.33E-04	8.48E-04	3.84E-04	2.54E-07	7.67E-07	4.44E-07	5.14E-07	4.66E-07	2.12E-07	9.63E-08	8.48E-09	2.05E-07	4.52E-08	6.97E-08	1.11E-07	1.95E-08	5.05E-08	5.09E-07
4204	493363.09	3855877.25	5.65E-04	6.53E-04	2.97E-04	1.96E-07	5.91E-07	3.42E-07	3.95E-07	3.58E-07	1.64E-07	7.43E-08	6.53E-09	1.58E-07	3.48E-08	5.37E-08	8.52E-08	1.50E-08	3.90E-08	3.92E-07
4205	493863.09	3855877.25	3.89E-04	4.50E-04	2.05E-04	1.35E-07	4.07E-07	2.36E-07	2.72E-07	2.47E-07	1.13E-07	5.13E-08	4.50E-09	1.09E-07	2.40E-08	3.70E-08	5.87E-08	1.03E-08	2.69E-08	2.70E-07
4206	494363.09	3855877.25	2.67E-04	3.09E-04	1.41E-04	9.26E-08	2.80E-07	1.62E-07	1.87E-07	1.69E-07	7.73E-08	3.54E-08	3.09E-09	7.47E-08	1.65E-08	2.54E-08	4.03E-08	7.10E-09	1.86E-08	1.86E-07
4207	494863.09	3855877.25	1.96E-04	2.27E-04	1.04E-04	6.80E-08	2.05E-07	1.19E-07	1.37E-07	1.24E-07	5.68E-08	2.62E-08	2.27E-09	5.49E-08	1.21E-08	1.86E-08	2.96E-08	5.21E-09	1.37E-08	1.36E-07
4208	495363.09	3855877.25	1.38E-04	1.60E-04	7.41E-05	4.80E-08	1.45E-07	8.38E-08	9.67E-08	8.76E-08	4.00E-08	1.86E-08	1.60E-09	3.87E-08	8.54E-09	1.31E-08	2.08E-08	3.67E-09	9.75E-09	9.62E-08
4209	495863.09	3855877.25	1.29E-04	1.49E-04	6.95E-05	4.49E-08	1.36E-07	7.84E-08	9.04E-08	8.20E-08	3.74E-08	1.74E-08	1.50E-09	3.62E-08	7.99E-09	1.23E-08	1.95E-08	3.43E-09	9.14E-09	9.00E-08
4210	496363.09	3855877.25	1.23E-04	1.42E-04	6.62E-05	4.27E-08	1.29E-07	7.46E-08	8.60E-08	7.80E-08	3.56E-08	1.66E-08	1.43E-09	3.44E-08	7.60E-09	1.17E-08	1.85E-08	3.26E-09	8.70E-09	8.56E-08
4211	496863.09	3855877.25	1.23E-04	1.42E-04	6.62E-05	4.27E-08	1.29E-07	7.47E-08	8.60E-08	7.80E-08	3.56E-08	1.66E-08	1.43E-09	3.45E-08	7.60E-09	1.17E-08	1.85E-08	3.27E-09	8.71E-09	8.57E-08
4212	497363.09	3855877.25	1.24E-04	1.43E-04	6.69E-05	4.31E-08	1.30E-07	7.54E-08	8.69E-08	7.87E-08	3.59E-08	1.68E-08	1.44E-09	3.48E-08	7.67E-09	1.18E-08	1.87E-08	3.30E-09	8.79E-09	8.65E-08
4213	497863.09	3855877.25	1.28E-04	1.48E-04	6.88E-05	4.44E-08	1.34E-07	7.77E-08	8.95E-08	8.12E-08	3.70E-08	1.72E-08	1.48E-09	3.58E-08	7.91E-09	1.22E-08	1.93E-08	3.40E-09	9.05E-09	8.91E-08
4214	498363.09	3855877.25	1.42E-04	1.64E-04	7.61E-05	4.93E-08	1.49E-07	8.61E-08	9.93E-08	9.00E-08	4.11E-08	1.91E-08	1.64E-09	3.97E-08	8.77E-09	1.35E-08	2.14E-08	3.77E-09	1.00E-08	9.88E-08
4215	471363.09	3856377.25	3.20E-05	3.70E-05	1.69E-05	1.11E-08	3.35E-08	1.94E-08	2.24E-08	2.03E-08	9.27E-09	4.24E-09	3.71E-10	8.95E-09	1.98E-09	3.04E-09	4.83E-09	8.51E-10	2.22E-09	2.22E-08
4216	471863.09	3856377.25	3.36E-05	3.89E-05	1.77E-05	1.17E-08	3.52E-08	2.04E-08	2.35E-08	2.13E-08	9.74E-09	4.45E-09	3.89E-10	9.40E-09	2.07E-09	3.20E-09	5.07E-09	8.94E-10	2.33E-09	2.34E-08
4217	472363.09	3856377.25	3.63E-05	4.19E-05	1.91E-05	1.26E-08	3.80E-08	2.20E-08	2.54E-08	2.30E-08	1.05E-08	4.79E-09	4.20E-10	1.01E-08	2.24E-09	3.45E-09	5.47E-09	9.64E-10	2.52E-09	2.52E-08
4218	472863.09	3856377.25	3.94E-05	4.56E-05	2.08E-05	1.37E-08	4.13E-08	2.39E-08	2.76E-08	2.50E-08	1.14E-08	5.21E-09	4.56E-10	1.10E-08	2.43E-09	3.75E-09	5.95E-09	1.05E-09	2.73E-09	2.74E-08
4219	473363.09	3856377.25	4.25E-05	4.91E-05	2.24E-05	1.47E-08	4.45E-08	2.58E-08	2.98E-08	2.70E-08	1.23E-08	5.62E-09	4.92E-10	1.19E-08	2.62E-09	4.04E-09	6.41E-09	1.13E-09	2.95E-09	2.95E-08
4220	473863.09	3856377.25	4.72E-05	5.45E-05	2.49E-05	1.63E-08	4.94E-08	2.86E-08	3.30E-08	2.99E-08	1.37E-08	6.23E-09	5.46E-10	1.32E-08	2.91E-09	4.48E-09	7.11E-09	1.25E-09	3.27E-09	3.28E-08
4221	474363.09	3856377.25	4.83E-05	5.58E-05	2.54E-05	1.67E-08	5.05E-08	2.92E-08	3.38E-08	3.06E-08	1.40E-08	6.37E-09	5.58E-10	1.35E-08	2.98E-09	4.59E-09	7.28E-09	1.28E-09	3.34E-09	3.35E-08
4222	474863.09	3856377.25	4.78E-05	5.52E-05	2.52E-05	1.66E-08	5.00E-08	2.89E-08	3.34E-08	3.03E-08	1.38E-08	6.32E-09	5.53E-10	1.34E-08	2.95E-09	4.54E-09	7.20E-09	1.27E-09	3.32E-09	3.32E-08
4223	475363.09	3856377.25	4.04E-05	4.67E-05	2.14E-05	1.40E-08	4.23E-08	2.45E-08	2.83E-08	2.57E-08	1.17E-08	5.36E-09	4.68E-10	1.13E-08	2.49E-09	3.84E-09	6.10E-09	1.07E-09	2.81E-09	2.81E-08
4224	475863.09	3856377.25	2.86E-05	3.30E-05	1.52E-05	9.90E-09	2.99E-08	1.73E-08	2.00E-08	1.81E-08	8.26E-09	3.80E-09	3.31E-10	7.99E-09	1.76E-09	2.71E-09	4.30E-09	7.58E-10	2.00E-09	1.99E-08
4225	476363.09	3856377.25	2.71E-05	3.12E-05	1.44E-05	9.38E-09	2.83E-08	1.64E-08	1.89E-08	1.71E-08	7.82E-09	3.61E-09	3.13E-10	7.56E-09	1.67E-09	2.57E-09	4.07E-09	7.18E-10	1.89E-09	1.88E-08
4226	476863.09	3856377.25	2.80E-05	3.23E-05	1.49E-05	9.70E-09	2.93E-08	1.69E-08	1.96E-08	1.77E-08	8.09E-09	3.74E-09	3.24E-10	7.82E-09	1.73E-09	2.66E-09	4.21E-09	7.42E-10	1.96E-09	1.94E-08
4227	477363.09	3856377.25	3.03E-05	3.50E-05	1.61E-05	1.05E-08	3.17E-08	1.84E-08	2.12E-08	1.92E-08	8.76E-09	4.04E-09	3.51E-10	8.47E-09	1.87E-09	2.88E-09	4.56E-09	8.04E-10	2.12E-09	2.11E-08
4228	477863.09	3856377.25	2.48E-05	2.86E-05	1.33E-05	8.59E-09	2.60E-08	1.50E-08	1.73E-08	1.57E-08	7.16E-09	3.33E-09	2.87E-10	6.93E-09	1.53E-09	2.35E-09	3.73E-09	6.57E-10	1.75E-09	1.72E-08
4229	478363.09	3856377.25	2.25E-05	2.59E-05	1.21E-05	7.81E-09	2.36E-08	1.36E-08	1.57E-08	1.42E-08	6.50E-09	3.04E-09	2.61E-10	6.30E-09	1.39E-09	2.13E-09	3.39E-09	5.97E-10	1.60E-09	1.57E-08
4230	478863.09	3856377.25	4.48E-05	5.18E-05	2.38E-05	1.55E-08	4.69E-08	2.71E-08	3.13E-08	2.84E-08	1.30E-08	5.96E-09	5.19E-10	1.25E-08	2.76E-09	4.26E-09	6.75E-09	1.19E-09	3.13E-09	3.11E-08
4231	479363.09	3856377.25	5.99E-05	6.92E-05	3.17E-05	2.08E-08	6.27E-08	3.63E-08	4.19E-08	3.80E-08	1.73E-08	7.94E-09	6.93E-10	1.67E-08	3.69E-09	5.69E-09	9.03E-09	1.59E-09	4.17E-09	4.16E-08
4232	479863.09	3856377.25	1.03E-04	1.19E-04	5.44E-05	3.58E-08	1.08E-07	6.26E-08	7.24E-08	6.56E-08	2.99E-08	1.36E-08	1.20E-09	2.89E-08	6.37E-09	9.83E-09	1.56E-08	2.75E-09	7.15E-09	7.18E-08

4233	480363.09	3856377.25	1.56E-04	1.80E-04	8.18E-05	5.40E-08	1.63E-07	9.44E-08	1.09E-07	9.90E-08	4.52E-08	2.05E-08	1.80E-09	4.36E-08	9.61E-09	1.48E-08	2.35E-08	4.14E-09	1.08E-08	1.08E-07
4234	480863.09	3856377.25	2.05E-04	2.37E-04	1.07E-04	7.11E-08	2.15E-07	1.24E-07	1.44E-07	1.30E-07	5.94E-08	2.69E-08	2.37E-09	5.73E-08	1.26E-08	1.95E-08	3.10E-08	5.45E-09	1.41E-08	1.42E-07
4235	481363.09	3856377.25	2.63E-04	3.05E-04	1.38E-04	9.13E-08	2.76E-07	1.60E-07	1.85E-07	1.67E-07	7.64E-08	3.45E-08	3.05E-09	7.36E-08	1.62E-08	2.51E-08	3.98E-08	7.01E-09	1.81E-08	1.83E-07
4236	481863.09	3856377.25	3.27E-04	3.79E-04	1.71E-04	1.13E-07	3.42E-07	1.98E-07	2.29E-07	2.08E-07	9.48E-08	4.28E-08	3.78E-09	9.14E-08	2.02E-08	3.11E-08	4.94E-08	8.70E-09	2.25E-08	2.27E-07
4237	482363.09	3856377.25	3.86E-04	4.47E-04	2.02E-04	1.34E-07	4.04E-07	2.34E-07	2.71E-07	2.45E-07	1.12E-07	5.05E-08	4.47E-09	1.08E-07	2.38E-08	3.67E-08	5.83E-08	1.03E-08	2.65E-08	2.68E-07
4238	482863.09	3856377.25	4.86E-04	5.62E-04	2.54E-04	1.68E-07	5.08E-07	2.94E-07	3.40E-07	3.09E-07	1.41E-07	6.36E-08	5.62E-09	1.36E-07	2.99E-08	4.62E-08	7.33E-08	1.29E-08	3.34E-08	3.37E-07
4239	483363.09	3856377.25	6.29E-04	7.28E-04	3.29E-04	2.18E-07	6.58E-07	3.81E-07	4.41E-07	4.00E-07	1.82E-07	8.25E-08	7.28E-09	1.76E-07	3.88E-08	5.98E-08	9.49E-08	1.67E-08	4.33E-08	4.37E-07
4240	483863.09	3856377.25	8.68E-04	1.00E-03	4.57E-04	3.01E-07	9.08E-07	5.26E-07	6.08E-07	5.51E-07	2.51E-07	1.15E-07	1.00E-08	2.43E-07	5.36E-08	8.25E-08	1.31E-07	2.31E-08	6.01E-08	6.03E-07
4241	484363.09	3856377.25	1.24E-03	1.43E-03	6.51E-04	4.28E-07	1.29E-06	7.48E-07	8.65E-07	7.84E-07	3.58E-07	1.63E-07	1.43E-08	3.45E-07	7.62E-08	1.17E-07	1.86E-07	3.28E-08	8.56E-08	8.58E-07
4242	484863.09	3856377.25	1.86E-03	2.16E-03	9.81E-04	6.46E-07	1.95E-06	1.13E-06	1.31E-06	1.18E-06	5.40E-07	2.46E-07	2.16E-08	5.21E-07	1.15E-07	1.77E-07	2.81E-07	4.96E-08	1.29E-07	1.29E-06
4243	485363.09	3856377.25	3.43E-03	3.97E-03	1.79E-03	1.19E-06	3.59E-06	2.08E-06	2.41E-06	2.18E-06	9.95E-07	4.49E-07	3.97E-08	9.59E-07	2.12E-07	3.27E-07	5.18E-07	9.14E-08	2.36E-07	2.38E-06
4244	485863.09	3856377.25	1.76E-02	2.04E-02	9.17E-03	6.11E-06	1.85E-05	1.07E-05	1.24E-05	1.12E-05	5.12E-06	2.30E-06	2.04E-07	4.93E-06	1.09E-06	1.68E-06	2.67E-06	4.70E-07	1.21E-06	1.22E-05
4245	486363.09	3856377.25	2.10E-02	2.43E-02	1.09E-02	7.28E-06	2.20E-05	1.27E-05	1.47E-05	1.34E-05	6.09E-06	2.73E-06	2.43E-07	5.87E-06	1.29E-06	2.00E-06	3.17E-06	5.59E-07	1.43E-06	1.46E-05
4246	486863.09	3856377.25	9.30E-03	1.08E-02	4.83E-03	3.22E-06	9.73E-06	5.63E-06	6.52E-06	5.91E-06	2.70E-06	1.21E-06	1.08E-07	2.60E-06	5.73E-07	8.86E-07	1.40E-06	2.48E-07	6.35E-07	6.45E-06
4247	487363.09	3856377.25	6.22E-03	7.20E-03	3.23E-03	2.15E-06	6.50E-06	3.77E-06	4.36E-06	3.95E-06	1.80E-06	8.10E-07	7.19E-08	1.74E-06	3.83E-07	5.92E-07	9.39E-07	1.66E-07	4.25E-07	4.31E-06
4248	487863.09	3856377.25	4.62E-03	5.35E-03	2.40E-03	1.60E-06	4.84E-06	2.80E-06	3.24E-06	2.94E-06	1.34E-06	6.02E-07	5.35E-08	1.29E-06	2.85E-07	4.40E-07	6.98E-07	1.23E-07	3.16E-07	3.21E-06
4249	488363.09	3856377.25	3.55E-03	4.12E-03	1.85E-03	1.23E-06	3.72E-06	2.15E-06	2.49E-06	2.26E-06	1.03E-06	4.63E-07	4.11E-08	9.93E-07	2.19E-07	3.39E-07	5.37E-07	9.46E-08	2.43E-07	2.47E-06
4250	488863.09	3856377.25	2.80E-03	3.24E-03	1.46E-03	9.70E-07	2.93E-06	1.70E-06	1.96E-06	1.78E-06	8.12E-07	3.65E-07	3.24E-08	7.83E-07	1.73E-07	2.67E-07	4.23E-07	7.45E-08	1.91E-07	1.94E-06
4251	489363.09	3856377.25	2.26E-03	2.61E-03	1.17E-03	7.82E-07	2.36E-06	1.37E-06	1.58E-06	1.43E-06	6.55E-07	2.94E-07	2.61E-08	6.31E-07	1.39E-07	2.15E-07	3.41E-07	6.01E-08	1.54E-07	1.57E-06
4252	489863.09	3856377.25	1.86E-03	2.15E-03	9.67E-04	6.43E-07	1.94E-06	1.12E-06	1.30E-06	1.18E-06	5.38E-07	2.42E-07	2.15E-08	5.19E-07	1.14E-07	1.77E-07	2.80E-07	4.94E-08	1.27E-07	1.29E-06
4253	490363.09	3856377.25	1.55E-03	1.80E-03	8.10E-04	5.38E-07	1.63E-06	9.41E-07	1.09E-06	9.88E-07	4.51E-07	2.03E-07	1.80E-08	4.34E-07	9.58E-08	1.48E-07	2.35E-07	4.14E-08	1.07E-07	1.08E-06
4254	490863.09	3856377.25	1.32E-03	1.53E-03	6.89E-04	4.57E-07	1.38E-06	7.99E-07	9.25E-07	8.38E-07	3.83E-07	1.73E-07	1.53E-08	3.69E-07	8.14E-08	1.26E-07	1.99E-07	3.51E-08	9.06E-08	9.16E-07
4255	491363.09	3856377.25	1.14E-03	1.31E-03	5.94E-04	3.93E-07	1.19E-06	6.88E-07	7.96E-07	7.21E-07	3.29E-07	1.49E-07	1.31E-08	3.17E-07	7.00E-08	1.08E-07	1.71E-07	3.02E-08	7.81E-08	7.88E-07
4256	491863.09	3856377.25	9.84E-04	1.14E-03	5.15E-04	3.41E-07	1.03E-06	5.96E-07	6.90E-07	6.25E-07	2.85E-07	1.29E-07	1.14E-08	2.75E-07	6.07E-08	9.36E-08	1.49E-07	2.62E-08	6.78E-08	6.83E-07
4257	492363.09	3856377.25	8.48E-04	9.81E-04	4.45E-04	2.94E-07	8.88E-07	5.14E-07	5.94E-07	5.39E-07	2.46E-07	1.12E-07	9.82E-09	2.37E-07	5.23E-08	8.07E-08	1.28E-07	2.26E-08	5.85E-08	5.89E-07
4258	492863.09	3856377.25	6.87E-04	7.94E-04	3.61E-04	2.38E-07	7.19E-07	4.16E-07	4.81E-07	4.36E-07	1.99E-07	9.05E-08	7.95E-09	1.92E-07	4.24E-08	6.53E-08	1.04E-07	1.83E-08	4.75E-08	4.77E-07
4259	493363.09	3856377.25	4.35E-04	5.02E-04	2.29E-04	1.51E-07	4.55E-07	2.63E-07	3.04E-07	2.76E-07	1.26E-07	5.75E-08	5.03E-09	1.21E-07	2.68E-08	4.13E-08	6.55E-08	1.15E-08	3.02E-08	3.02E-07
4260	493863.09	3856377.25	3.25E-04	3.76E-04	1.72E-04	1.13E-07	3.40E-07	1.97E-07	2.28E-07	2.06E-07	9.42E-08	4.32E-08	3.77E-09	9.10E-08	2.01E-08	3.09E-08	4.90E-08	8.64E-09	2.27E-08	2.26E-07
4261	494363.09	3856377.25	2.29E-04	2.64E-04	1.22E-04	7.93E-08	2.39E-07	1.39E-07	1.60E-07	1.45E-07	6.61E-08	3.05E-08	2.65E-09	6.39E-08	1.41E-08	2.17E-08	3.44E-08	6.07E-09	1.60E-08	1.59E-07
4262	494863.09	3856377.25	1.67E-04	1.93E-04	8.97E-05	5.80E-08	1.75E-07	1.01E-07	1.17E-07	1.06E-07	4.84E-08	2.25E-08	1.94E-09	4.68E-08	1.03E-08	1.59E-08	2.52E-08	4.44E-09	1.18E-08	1.16E-07
4263	495363.09	3856377.25	1.33E-04	1.53E-04	7.16E-05	4.61E-08	1.39E-07	8.05E-08	9.28E-08	8.41E-08	3.84E-08	1.79E-08	1.54E-09	3.72E-08	8.20E-09	1.26E-08	2.00E-08	3.52E-09	9.42E-09	9.24E-08
4264	495863.09	3856377.25	1.23E-04	1.42E-04	6.66E-05	4.28E-08	1.29E-07	7.48E-08	8.62E-08	7.81E-08	3.56E-08	1.67E-08	1.43E-09	3.45E-08	7.62E-09	1.17E-08	1.86E-08	3.27E-09	8.75E-09	8.58E-08
4265	496363.09	3856377.25	1.21E-04	1.40E-04	6.53E-05	4.20E-08	1.27E-07	7.34E-08	8.45E-08	7.66E-08	3.50E-08	1.64E-08	1.40E-09	3.39E-08	7.47E-09	1.15E-08	1.82E-08	3.21E-09	8.59E-09	8.42E-08
4266	496863.09	3856377.25	1.26E-04	1.46E-04	6.80E-05	4.38E-08	1.32E-07	7.65E-08	8.81E-08	7.99E-08	3.65E-08	1.70E-08	1.46E-09	3.53E-08	7.79E-09	1.20E-08	1.90E-08	3.35E-09	8.95E-09	8.78E-08
4267	497363.09	3856377.25	1.31E-04	1.51E-04	7.05E-05	4.54E-08	1.37E-07	7.94E-08	9.15E-08	8.29E-08	3.78E-08	1.77E-08	1.52E-09	3.66E-08	8.08E-09	1.24E-08	1.97E-08	3.47E-09	9.27E-09	9.11E-08
4268	497863.09	3856377.25	1.40E-04	1.61E-04	7.52E-05	4.85E-08	1.47E-07	8.48E-08	9.78E-08	8.86E-08	4.04E-08	1.88E-08	1.62E-09	3.91E-08	8.64E-09	1.33E-08	2.11E-08	3.71E-09	9.88E-09	9.73E-08
4269	498363.09	3856377.25	1.53E-04	1.77E-04	8.21E-05	5.31E-08	1.60E-07	9.29E-08	1.07E-07	9.71E-08	4.43E-08	2.06E-08	1.77E-09	4.29E-08	9.46E-09	1.45E-08	2.31E-08	4.07E-09	1.08E-08	1.07E-07
4270	471363.09	3856877.25	3.29E-05	3.80E-05	1.73E-05	1.14E-08	3.44E-08	1.99E-08	2.30E-08	2.09E-08	9.52E-09	4.35E-09	3.80E-10	9.19E-09	2.03E-09	3.12E-09	4.96E-09	8.74E-10	2.28E-09	2.28E-08
4271	471863.09	3856877.25	3.43E-05	3.96E-05	1.81E-05	1.19E-08	3.59E-08	2.08E-08	2.40E-08	2.18E-08	9.93E-09	4.53E-09	3.97E-10	9.58E-09	2.11E-09	3.26E-09	5.17E-09	9.11E-10	2.38E-09	2.38E-08
4272	472363.09	3856877.25	3.68E-05	4.25E-05	1.94E-05	1.28E-08	3.85E-08	2.23E-08	2.58E-08	2.34E-08	1.07E-08	4.86E-09	4.26E-10	1.03E-08	2.27E-09	3.50E-09	5.55E-09	9.78E-10	2.55E-09	2.56E-08
4273	472863.09	3856877.25	3.95E-05	4.56E-05	2.08E-05	1.37E-08	4.13E-08	2.39E-08	2.76E-08	2.51E-08	1.14E-08	5.22E-09	4.57E-10	1.10E-08	2.44E-09	3.75E-09	5.95E-09	1.05E-09	2.74E-09	2.74E-08
4274	473363.09	3856877.25	4.38E-05	5.06E-05	2.31E-05	1.52E-08	4.58E-08	2.65E-08	3.07E-08	2.78E-08	1.27E-08	5.78E-09	5.07E-10	1.22E-08	2.70E-09	4.16E-09	6.60E-09	1.16E-09	3.03E-09	3.04E-08
4275	473863.09	3856877.25	4.69E-05	5.43E-05	2.47E-05	1.63E-08	4.91E-08	2.84E-08	3.29E-08	2.98E-08	1.36E-08	6.19E-09	5.43E-10	1.31E-08	2.90E-09	4.46E-09	7.08E-09	1.25E-09	3.25E-09	3.26E-08
4276	474363.09	3856877.25	4.75E-05	5.49E-05	2.50E-05	1.65E-08	4.97E-08	2.88E-08	3.32E-08	3.01E-08	1.38E-08	6.27E-09	5.49E-10	1.33E-08	2.93E-09	4.51E-09	7.16E-09	1.26E-09	3.29E-09	3.30E-08
4277	474863.09	3856877.25	4.64E-05	5.36E-05	2.45E-05	1.61E-08	4.86E-08	2.81E-08	3.25E-08	2.94E-08	1.34E-08	6.13E-09	5.37E-10	1.30E-08	2.86E-09	4.41E-09	7.00E-09	1.23E-09	3.22E-09	3.22E-08
4278	475363.09	3856877.25	4.12E-05	4.76E-05	2.18E-05	1.43E-08	4.31E-08	2.49E-08	2.88E-08	2.61E-08	1.19E-08	5.45E-09	4.77E-10	1.15E-08	2.54E-09	3.91E-09	6.21E-09	1.09E-09	2.86E-09	2.86E-08
4279	475863.09	3856877.25	4.19E-05	4.84E-05	2.21E-05	1.45E-08	4.38E-08	2.54E-08	2.93E-08	2.66E-08	1.21E-08	5.54E-09	4.85E-10	1.17E-08	2.58E-09	3.98E-09	6.31E-09	1.11E-09	2.91E-09	2.91E-08
4280	476363.09	3856877.25	3.69E-05	4.26E-05	1.95E-05	1.28E-08	3.86E-08	2.24E-08	2.58E-08	2.34E-08	1.07E-08	4.89E-09	4.27E-10	1.03E-08	2.28E-09	3.51E-09	5.56E-09	9.80E-10	2.57E-09	2.56E-08
4281	476863.09	3856877.25	3.58E-05	4.13E-05	1.90E-05	1.24E-08	3.74E-08	2.17E-08	2.50E-08	2.27E-08	1.04E-08	4.75E-09	4.14E-10	1.00E-08	2.21E-09	3.40E-09	5.39E-09	9.50E-10	2.49E-09	2.48E-08
4282	477363.09	3856877.25	3.19E-05	3.68E-05	1.69E-05	1.11E-08	3.34E-08	1.93E-08	2.23E-08	2.02E-08	9.22E-09	4.25E-09	3.69E-10	8.91E-09	1.97E-09	3.03E-09	4.80E-09	8.47E-10	2.23E-09	2.22E-08
4283	477863.09	3856877.25	2.21E-05	2.55E-05	1.19E-05	7.65E-09	2.31E-08	1.34E-08	1.54E-08	1.40E-08	6.38E-09	2.97E-09	2.56E-10	6.17E-09	1.36E-09	2.09E-09	3.32E-09	5.85E-10	1.56E-09	1.53E-08
4284	478363.09	3856877.25	2.00E-05	2.30E-05	1.08E-05	6.93E-09	2.09E-08	1.21E-08	1.39E-08	1.26E-08	5.77E-09	2.70E-09	2.31E-10	5.59E-09	1.23E-09	1.89E-09	3.00E-09	5.29E-10	1.42E-09	1.39E-08
4285	478863.09	3856877.25	2.58E-05	2.97E-05	1.38E-05	8.93E-09	2.70E-08	1.56E-08	1.80E-08	1.63E-08	7.44E-09	3.46E-09	2.98E-10	7.20E-09	1.59E-09	2.44E-09	3.87E-09	6.83E-10	1.82E-09	1.79E-08

4286	479363.09	3856877.25	3.53E-05	4.08E-05	1.88E-05	1.22E-08	3.70E-08	2.14E-08	2.47E-08	2.24E-08	1.02E-08	4.72E-09	4.09E-10	9.87E-09	2.18E-09	3.35E-09	5.32E-09	9.37E-10	2.48E-09	2.45E-08
4287	479863.09	3856877.25	9.54E-05	1.10E-04	5.03E-05	3.31E-08	9.98E-08	5.78E-08	6.68E-08	6.05E-08	2.76E-08	1.26E-08	1.10E-09	2.67E-08	5.88E-09	9.07E-09	1.44E-08	2.53E-09	6.61E-09	6.62E-08
4288	480363.09	3856877.25	1.56E-04	1.80E-04	8.16E-05	5.39E-08	1.63E-07	9.42E-08	1.09E-07	9.88E-08	4.51E-08	2.05E-08	1.80E-09	4.35E-08	9.60E-09	1.48E-08	2.35E-08	4.14E-09	1.07E-08	1.08E-07
4289	480863.09	3856877.25	2.11E-04	2.44E-04	1.10E-04	7.30E-08	2.21E-07	1.28E-07	1.48E-07	1.34E-07	6.11E-08	2.76E-08	2.44E-09	5.89E-08	1.30E-08	2.01E-08	3.18E-08	5.61E-09	1.45E-08	1.46E-07
4290	481363.09	3856877.25	2.65E-04	3.06E-04	1.38E-04	9.17E-08	2.77E-07	1.60E-07	1.86E-07	1.68E-07	7.67E-08	3.46E-08	3.06E-09	7.40E-08	1.63E-08	2.52E-08	4.00E-08	7.04E-09	1.82E-08	1.84E-07
4291	481863.09	3856877.25	3.18E-04	3.68E-04	1.66E-04	1.10E-07	3.33E-07	1.93E-07	2.23E-07	2.02E-07	9.22E-08	4.16E-08	3.68E-09	8.88E-08	1.96E-08	3.03E-08	4.80E-08	8.46E-09	2.18E-08	2.21E-07
4292	482363.09	3856877.25	3.58E-04	4.14E-04	1.87E-04	1.24E-07	3.75E-07	2.17E-07	2.51E-07	2.27E-07	1.04E-07	4.68E-08	4.14E-09	1.00E-07	2.21E-08	3.41E-08	5.41E-08	9.53E-09	2.46E-08	2.48E-07
4293	482863.09	3856877.25	4.26E-04	4.93E-04	2.22E-04	1.48E-07	4.45E-07	2.58E-07	2.98E-07	2.71E-07	1.23E-07	5.57E-08	4.93E-09	1.19E-07	2.63E-08	4.05E-08	6.43E-08	1.13E-08	2.92E-08	2.96E-07
4294	483363.09	3856877.25	5.32E-04	6.16E-04	2.78E-04	1.85E-07	5.57E-07	3.23E-07	3.73E-07	3.38E-07	1.54E-07	6.97E-08	6.16E-09	1.49E-07	3.28E-08	5.07E-08	8.04E-08	1.42E-08	3.66E-08	3.70E-07
4295	483863.09	3856877.25	6.88E-04	7.96E-04	3.60E-04	2.38E-07	7.20E-07	4.17E-07	4.82E-07	4.37E-07	2.00E-07	9.01E-08	7.96E-09	1.92E-07	4.24E-08	6.55E-08	1.04E-07	1.83E-08	4.73E-08	4.78E-07
4296	484363.09	3856877.25	9.05E-04	1.05E-03	4.73E-04	3.13E-07	9.47E-07	5.48E-07	6.34E-07	5.75E-07	2.62E-07	1.19E-07	1.05E-08	2.53E-07	5.58E-08	8.61E-08	1.37E-07	2.41E-08	6.22E-08	6.28E-07
4297	484863.09	3856877.25	1.19E-03	1.37E-03	6.20E-04	4.11E-07	1.24E-06	7.19E-07	8.32E-07	7.54E-07	3.44E-07	1.55E-07	1.37E-08	3.32E-07	7.32E-08	1.13E-07	1.79E-07	3.16E-08	8.15E-08	8.24E-07
4298	485363.09	3856877.25	1.72E-03	1.99E-03	9.00E-04	5.97E-07	1.80E-06	1.04E-06	1.21E-06	1.10E-06	5.00E-07	2.25E-07	1.99E-08	4.82E-07	1.06E-07	1.64E-07	2.60E-07	4.59E-08	1.18E-07	1.20E-06
4299	485863.09	3856877.25	2.91E-03	3.37E-03	1.51E-03	1.01E-06	3.04E-06	1.76E-06	2.04E-06	1.85E-06	8.44E-07	3.79E-07	3.36E-08	8.13E-07	1.79E-07	2.77E-07	4.39E-07	7.74E-08	1.99E-07	2.02E-06
4300	486363.09	3856877.25	1.00E-02	1.16E-02	5.20E-03	3.47E-06	1.05E-05	6.06E-06	7.02E-06	6.36E-06	2.90E-06	1.30E-06	1.16E-07	2.80E-06	6.17E-07	9.53E-07	1.51E-06	2.66E-07	6.84E-07	6.95E-06
4301	486863.09	3856877.25	3.76E-02	4.36E-02	1.96E-02	1.30E-05	3.94E-05	2.28E-05	2.64E-05	2.39E-05	1.09E-05	4.90E-06	4.36E-07	1.05E-05	2.32E-06	3.59E-06	5.69E-06	1.00E-06	2.57E-06	2.61E-05
4302	487363.09	3856877.25	1.01E-02	1.17E-02	5.25E-03	3.50E-06	1.06E-05	6.12E-06	7.09E-06	6.42E-06	2.93E-06	1.31E-06	1.17E-07	2.82E-06	6.23E-07	9.62E-07	1.53E-06	2.69E-07	6.90E-07	7.01E-06
4303	487863.09	3856877.25	5.55E-03	6.43E-03	2.88E-03	1.92E-06	5.81E-06	3.36E-06	3.89E-06	3.53E-06	1.61E-06	7.23E-07	6.42E-08	1.55E-06	3.42E-07	5.29E-07	8.38E-07	1.48E-07	3.79E-07	3.85E-06
4304	488363.09	3856877.25	3.66E-03	4.24E-03	1.91E-03	1.27E-06	3.83E-06	2.22E-06	2.57E-06	2.33E-06	1.06E-06	4.78E-07	4.24E-08	1.02E-06	2.26E-07	3.49E-07	5.54E-07	9.76E-08	2.51E-07	2.54E-06
4305	488863.09	3856877.25	2.70E-03	3.13E-03	1.40E-03	9.35E-07	2.82E-06	1.63E-06	1.89E-06	1.72E-06	7.83E-07	3.52E-07	3.12E-08	7.54E-07	1.66E-07	2.57E-07	4.08E-07	7.19E-08	1.85E-07	1.87E-06
4306	489363.09	3856877.25	2.11E-03	2.44E-03	1.10E-03	7.32E-07	2.21E-06	1.28E-06	1.48E-06	1.34E-06	6.13E-07	2.76E-07	2.44E-08	5.90E-07	1.30E-07	2.01E-07	3.19E-07	5.62E-08	1.45E-07	1.47E-06
4307	489863.09	3856877.25	1.72E-03	2.00E-03	9.00E-04	5.97E-07	1.80E-06	1.04E-06	1.21E-06	1.10E-06	5.00E-07	2.26E-07	1.99E-08	4.82E-07	1.06E-07	1.64E-07	2.60E-07	4.59E-08	1.18E-07	1.20E-06
4308	490363.09	3856877.25	1.44E-03	1.67E-03	7.56E-04	5.01E-07	1.51E-06	8.75E-07	1.01E-06	9.18E-07	4.19E-07	1.89E-07	1.67E-08	4.04E-07	8.91E-08	1.37E-07	2.18E-07	3.84E-08	9.94E-08	1.00E-06
4309	490863.09	3856877.25	1.23E-03	1.42E-03	6.45E-04	4.27E-07	1.29E-06	7.46E-07	8.62E-07	7.82E-07	3.57E-07	1.62E-07	1.42E-08	3.44E-07	7.59E-08	1.17E-07	1.86E-07	3.27E-08	8.48E-08	8.55E-07
4310	491363.09	3856877.25	1.06E-03	1.23E-03	5.59E-04	3.69E-07	1.11E-06	6.45E-07	7.46E-07	6.76E-07	3.08E-07	1.40E-07	1.23E-08	2.98E-07	6.57E-08	1.01E-07	1.61E-07	2.83E-08	7.35E-08	7.39E-07
4311	491863.09	3856877.25	9.27E-04	1.07E-03	4.87E-04	3.21E-07	9.70E-07	5.62E-07	6.49E-07	5.89E-07	2.69E-07	1.22E-07	1.07E-08	2.59E-07	5.72E-08	8.82E-08	1.40E-07	2.47E-08	6.41E-08	6.44E-07
4312	492363.09	3856877.25	7.61E-04	8.80E-04	4.01E-04	2.64E-07	7.97E-07	4.61E-07	5.33E-07	4.83E-07	2.21E-07	1.01E-07	8.81E-09	2.13E-07	4.70E-08	7.24E-08	1.15E-07	2.02E-08	5.28E-08	5.29E-07
4313	492863.09	3856877.25	5.91E-04	6.83E-04	3.12E-04	2.05E-07	6.19E-07	3.58E-07	4.14E-07	3.75E-07	1.71E-07	7.83E-08	6.84E-09	1.65E-07	3.65E-08	5.62E-08	8.91E-08	1.57E-08	4.11E-08	4.11E-07
4314	493363.09	3856877.25	4.17E-04	4.82E-04	2.21E-04	1.45E-07	4.36E-07	2.53E-07	2.92E-07	2.65E-07	1.21E-07	5.54E-08	4.83E-09	1.17E-07	2.57E-08	3.96E-08	6.29E-08	1.11E-08	2.91E-08	2.90E-07
4315	493863.09	3856877.25	2.76E-04	3.18E-04	1.47E-04	9.56E-08	2.89E-07	1.67E-07	1.93E-07	1.75E-07	7.97E-08	3.68E-08	3.19E-09	7.71E-08	1.70E-08	2.62E-08	4.15E-08	7.32E-09	1.93E-08	1.92E-07
4316	494363.09	3856877.25	1.91E-04	2.20E-04	1.03E-04	6.62E-08	2.00E-07	1.16E-07	1.33E-07	1.21E-07	5.52E-08	2.57E-08	2.21E-09	5.34E-08	1.18E-08	1.81E-08	2.87E-08	5.06E-09	1.35E-08	1.33E-07
4317	494863.09	3856877.25	1.56E-04	1.80E-04	8.43E-05	5.42E-08	1.64E-07	9.47E-08	1.09E-07	9.89E-08	4.51E-08	2.11E-08	1.81E-09	4.37E-08	9.65E-09	1.48E-08	2.35E-08	4.14E-09	1.11E-08	1.09E-07
4318	495363.09	3856877.25	1.37E-04	1.58E-04	7.41E-05	4.75E-08	1.44E-07	8.31E-08	9.57E-08	8.67E-08	3.96E-08	1.86E-08	1.59E-09	3.83E-08	8.46E-09	1.30E-08	2.06E-08	3.63E-09	9.74E-09	9.54E-08
4319	495863.09	3856877.25	1.31E-04	1.50E-04	7.05E-05	4.53E-08	1.37E-07	7.91E-08	9.11E-08	8.26E-08	3.77E-08	1.77E-08	1.51E-09	3.65E-08	8.06E-09	1.24E-08	1.96E-08	3.46E-09	9.28E-09	9.08E-08
4320	496363.09	3856877.25	1.27E-04	1.46E-04	6.83E-05	4.39E-08	1.32E-07	7.67E-08	8.83E-08	8.01E-08	3.65E-08	1.71E-08	1.46E-09	3.54E-08	7.81E-09	1.20E-08	1.90E-08	3.35E-09	8.99E-09	8.80E-08
4321	496863.09	3856877.25	1.27E-04	1.46E-04	6.86E-05	4.40E-08	1.33E-07	7.70E-08	8.87E-08	8.04E-08	3.67E-08	1.72E-08	1.47E-09	3.55E-08	7.84E-09	1.20E-08	1.91E-08	3.37E-09	9.01E-09	8.84E-08
4322	497363.09	3856877.25	1.33E-04	1.53E-04	7.14E-05	4.60E-08	1.39E-07	8.03E-08	9.26E-08	8.39E-08	3.83E-08	1.79E-08	1.53E-09	3.71E-08	8.18E-09	1.26E-08	1.99E-08	3.51E-09	9.38E-09	9.22E-08
4323	497863.09	3856877.25	1.48E-04	1.71E-04	7.95E-05	5.14E-08	1.55E-07	8.99E-08	1.04E-07	9.39E-08	4.28E-08	1.99E-08	1.72E-09	4.15E-08	9.15E-09	1.41E-08	2.23E-08	3.93E-09	1.05E-08	1.03E-07
4324	498363.09	3856877.25	1.68E-04	1.93E-04	8.96E-05	5.81E-08	1.75E-07	1.02E-07	1.17E-07	1.06E-07	4.84E-08	2.24E-08	1.94E-09	4.68E-08	1.03E-08	1.59E-08	2.52E-08	4.44E-09	1.18E-08	1.16E-07
4325	471363.09	3857377.25	3.37E-05	3.89E-05	1.78E-05	1.17E-08	3.52E-08	2.04E-08	2.36E-08	2.14E-08	9.75E-09	4.46E-09	3.90E-10	9.42E-09	2.08E-09	3.20E-09	5.08E-09	8.95E-10	2.34E-09	2.34E-08
4326	471863.09	3857377.25	3.49E-05	4.03E-05	1.84E-05	1.21E-08	3.65E-08	2.12E-08	2.44E-08	2.22E-08	1.01E-08	4.62E-09	4.04E-10	9.76E-09	2.15E-09	3.32E-09	5.26E-09	9.28E-10	2.42E-09	2.43E-08
4327	472363.09	3857377.25	3.70E-05	4.27E-05	1.95E-05	1.28E-08	3.87E-08	2.24E-08	2.59E-08	2.35E-08	1.07E-08	4.89E-09	4.28E-10	1.03E-08	2.28E-09	3.51E-09	5.57E-09	9.82E-10	2.57E-09	2.57E-08
4328	472863.09	3857377.25	3.96E-05	4.58E-05	2.09E-05	1.37E-08	4.14E-08	2.40E-08	2.77E-08	2.51E-08	1.15E-08	5.23E-09	4.58E-10	1.11E-08	2.44E-09	3.76E-09	5.97E-09	1.05E-09	2.75E-09	2.75E-08
4329	473363.09	3857377.25	4.30E-05	4.97E-05	2.27E-05	1.49E-08	4.50E-08	2.61E-08	3.01E-08	2.73E-08	1.25E-08	5.68E-09	4.98E-10	1.20E-08	2.65E-09	4.09E-09	6.49E-09	1.14E-09	2.98E-09	2.99E-08
4330	473863.09	3857377.25	4.70E-05	5.43E-05	2.48E-05	1.63E-08	4.92E-08	2.85E-08	3.29E-08	2.98E-08	1.36E-08	6.20E-09	5.44E-10	1.31E-08	2.90E-09	4.47E-09	7.09E-09	1.25E-09	3.26E-09	3.26E-08
4331	474363.09	3857377.25	4.65E-05	5.37E-05	2.45E-05	1.61E-08	4.86E-08	2.81E-08	3.25E-08	2.95E-08	1.35E-08	6.14E-09	5.38E-10	1.30E-08	2.87E-09	4.42E-09	7.01E-09	1.24E-09	3.22E-09	3.23E-08
4332	474863.09	3857377.25	3.80E-05	4.39E-05	2.01E-05	1.32E-08	3.98E-08	2.30E-08	2.66E-08	2.41E-08	1.10E-08	5.03E-09	4.40E-10	1.06E-08	2.34E-09	3.61E-09	5.73E-09	1.01E-09	2.64E-09	2.64E-08
4333	475363.09	3857377.25	2.68E-05	3.10E-05	1.42E-05	9.29E-09	2.81E-08	1.62E-08	1.88E-08	1.70E-08	7.76E-09	3.57E-09	3.10E-10	7.50E-09	1.65E-09	2.55E-09	4.04E-09	7.12E-10	1.87E-09	1.86E-08
4334	475863.09	3857377.25	2.50E-05	2.89E-05	1.33E-05	8.68E-09	2.62E-08	1.52E-08	1.75E-08	1.59E-08	7.24E-09	3.34E-09	2.90E-10	7.00E-09	1.54E-09	2.38E-09	3.77E-09	6.64E-10	1.75E-09	1.74E-08
4335	476363.09	3857377.25	3.34E-05	3.85E-05	1.77E-05	1.16E-08	3.49E-08	2.02E-08	2.34E-08	2.12E-08	9.66E-09	4.43E-09	3.86E-10	9.33E-09	2.06E-09	3.17E-09	5.03E-09	8.86E-10	2.33E-09	2.32E-08
4336	476863.09	3857377.25	3.57E-05	4.12E-05	1.89E-05	1.24E-08	3.73E-08	2.16E-08	2.50E-08	2.26E-08	1.03E-08	4.74E-09	4.13E-10	9.97E-09	2.20E-09	3.39E-09	5.38E-09	9.48E-10	2.49E-09	2.48E-08
4337	477363.09	3857377.25	3.17E-05	3.65E-05	1.68E-05	1.10E-08	3.31E-08	1.92E-08	2.21E-08	2.01E-08	9.16E-09	4.21E-09	3.66E-10	8.85E-09	1.95E-09	3.01E-09	4.77E-09	8.40E-10	2.21E-09	2.20E-08
4338	477863.09	3857377.25	2.39E-05	2.75E-05	1.28E-05	8.27E-09	2.50E-08	1.45E-08	1.67E-08	1.51E-08	6.89E-09	3.20E-09	2.76E-10	6.67E-09	1.47E-09	2.26E-09	3.59E-09	6.33E-10	1.68E-09	1.66E-08

4339	478363.09	3857377.25	1.83E-05	2.11E-05	9.90E-06	6.34E-09	1.92E-08	1.11E-08	1.28E-08	1.16E-08	5.28E-09	2.48E-09	2.12E-10	5.12E-09	1.13E-09	1.73E-09	2.75E-09	4.85E-10	1.30E-09	1.27E-08
4340	478863.09	3857377.25	1.58E-05	1.81E-05	8.59E-06	5.46E-09	1.65E-08	9.55E-09	1.10E-08	9.95E-09	4.54E-09	2.15E-09	1.82E-10	4.41E-09	9.72E-10	1.49E-09	2.37E-09	4.17E-10	1.13E-09	1.10E-08
4341	479363.09	3857377.25	2.59E-05	2.98E-05	1.39E-05	8.97E-09	2.71E-08	1.57E-08	1.81E-08	1.64E-08	7.48E-09	3.48E-09	3.00E-10	7.24E-09	1.60E-09	2.45E-09	3.89E-09	6.86E-10	1.83E-09	1.80E-08
4342	479863.09	3857377.25	7.76E-05	8.97E-05	4.09E-05	2.69E-08	8.12E-08	4.70E-08	5.43E-08	4.92E-08	2.25E-08	1.03E-08	8.98E-10	2.17E-08	4.79E-09	7.38E-09	1.17E-08	2.06E-09	5.38E-09	5.39E-08
4343	480363.09	3857377.25	6.36E-05	7.35E-05	3.36E-05	2.21E-08	6.66E-08	3.86E-08	4.45E-08	4.04E-08	1.84E-08	8.43E-09	7.37E-10	1.78E-08	3.93E-09	6.05E-09	9.59E-09	1.69E-09	4.42E-09	4.42E-08
4344	480863.09	3857377.25	2.09E-04	2.42E-04	1.09E-04	7.24E-08	2.19E-07	1.27E-07	1.46E-07	1.33E-07	6.06E-08	2.74E-08	2.42E-09	5.84E-08	1.29E-08	1.99E-08	3.15E-08	5.56E-09	1.44E-08	1.45E-07
4345	481363.09	3857377.25	2.38E-04	2.75E-04	1.24E-04	8.24E-08	2.49E-07	1.44E-07	1.67E-07	1.51E-07	6.90E-08	3.11E-08	2.75E-09	6.65E-08	1.47E-08	2.26E-08	3.59E-08	6.33E-09	1.63E-08	1.65E-07
4346	481863.09	3857377.25	2.87E-04	3.33E-04	1.50E-04	9.96E-08	3.01E-07	1.74E-07	2.02E-07	1.83E-07	8.34E-08	3.76E-08	3.33E-09	8.04E-08	1.77E-08	2.74E-08	4.34E-08	7.65E-09	1.97E-08	2.00E-07
4347	482363.09	3857377.25	3.28E-04	3.80E-04	1.71E-04	1.14E-07	3.43E-07	1.99E-07	2.30E-07	2.08E-07	9.51E-08	4.29E-08	3.80E-09	9.17E-08	2.02E-08	3.12E-08	4.95E-08	8.73E-09	2.25E-08	2.28E-07
4348	482863.09	3857377.25	3.75E-04	4.34E-04	1.96E-04	1.30E-07	3.92E-07	2.27E-07	2.63E-07	2.38E-07	1.09E-07	4.91E-08	4.34E-09	1.05E-07	2.31E-08	3.57E-08	5.66E-08	9.98E-09	2.58E-08	2.60E-07
4349	483363.09	3857377.25	4.50E-04	5.21E-04	2.35E-04	1.56E-07	4.71E-07	2.73E-07	3.16E-07	2.86E-07	1.31E-07	5.89E-08	5.21E-09	1.26E-07	2.78E-08	4.28E-08	6.80E-08	1.20E-08	3.09E-08	3.12E-07
4350	483863.09	3857377.25	5.49E-04	6.36E-04	2.87E-04	1.90E-07	5.75E-07	3.33E-07	3.85E-07	3.49E-07	1.59E-07	7.18E-08	6.35E-09	1.53E-07	3.39E-08	5.23E-08	8.29E-08	1.46E-08	3.77E-08	3.81E-07
4351	484363.09	3857377.25	6.70E-04	7.75E-04	3.49E-04	2.32E-07	7.01E-07	4.06E-07	4.70E-07	4.26E-07	1.94E-07	8.75E-08	7.75E-09	1.87E-07	4.13E-08	6.37E-08	1.01E-07	1.78E-08	4.59E-08	4.65E-07
4352	484863.09	3857377.25	8.17E-04	9.46E-04	4.26E-04	2.83E-07	8.55E-07	4.95E-07	5.73E-07	5.19E-07	2.37E-07	1.07E-07	9.46E-09	2.28E-07	5.04E-08	7.78E-08	1.23E-07	2.18E-08	5.60E-08	5.67E-07
4353	485363.09	3857377.25	1.02E-03	1.18E-03	5.29E-04	3.52E-07	1.06E-06	6.15E-07	7.12E-07	6.46E-07	2.95E-07	1.33E-07	1.18E-08	2.84E-07	6.26E-08	9.67E-08	1.53E-07	2.70E-08	6.96E-08	7.05E-07
4354	485863.09	3857377.25	1.31E-03	1.52E-03	6.83E-04	4.54E-07	1.37E-06	7.94E-07	9.20E-07	8.34E-07	3.80E-07	1.71E-07	1.52E-08	3.66E-07	8.09E-08	1.25E-07	1.98E-07	3.49E-08	8.98E-08	9.10E-07
4355	486363.09	3857377.25	1.96E-03	2.27E-03	1.02E-03	6.79E-07	2.05E-06	1.19E-06	1.37E-06	1.25E-06	5.69E-07	2.56E-07	2.27E-08	5.48E-07	1.21E-07	1.87E-07	2.96E-07	5.22E-08	1.34E-07	1.36E-06
4356	486863.09	3857377.25	2.99E-03	3.47E-03	1.56E-03	1.04E-06	3.13E-06	1.81E-06	2.10E-06	1.90E-06	8.69E-07	3.90E-07	3.46E-08	8.37E-07	1.85E-07	2.85E-07	4.52E-07	7.97E-08	2.05E-07	2.08E-06
4357	487363.09	3857377.25	3.11E-03	3.60E-03	1.62E-03	1.08E-06	3.25E-06	1.88E-06	2.18E-06	1.98E-06	9.01E-07	4.05E-07	3.59E-08	8.68E-07	1.92E-07	2.96E-07	4.69E-07	8.27E-08	2.12E-07	2.16E-06
4358	487863.09	3857377.25	2.65E-03	3.07E-03	1.38E-03	9.19E-07	2.77E-06	1.61E-06	1.86E-06	1.69E-06	7.69E-07	3.46E-07	3.07E-08	7.41E-07	1.64E-07	2.52E-07	4.01E-07	7.06E-08	1.82E-07	1.84E-06
4359	488363.09	3857377.25	2.18E-03	2.53E-03	1.14E-03	7.56E-07	2.28E-06	1.32E-06	1.53E-06	1.39E-06	6.33E-07	2.85E-07	2.53E-08	6.10E-07	1.35E-07	2.08E-07	3.30E-07	5.81E-08	1.50E-07	1.52E-06
4360	488863.09	3857377.25	1.82E-03	2.10E-03	9.53E-04	6.30E-07	1.90E-06	1.10E-06	1.27E-06	1.15E-06	5.27E-07	2.39E-07	2.10E-08	5.08E-07	1.12E-07	1.73E-07	2.74E-07	4.83E-08	1.25E-07	1.26E-06
4361	489363.09	3857377.25	1.54E-03	1.78E-03	8.14E-04	5.35E-07	1.62E-06	9.35E-07	1.08E-06	9.80E-07	4.47E-07	2.04E-07	1.79E-08	4.32E-07	9.52E-08	1.47E-07	2.33E-07	4.10E-08	1.07E-07	1.07E-06
4362	489863.09	3857377.25	1.34E-03	1.54E-03	7.05E-04	4.63E-07	1.40E-06	8.09E-07	9.34E-07	8.47E-07	3.87E-07	1.77E-07	1.54E-08	3.73E-07	8.23E-08	1.27E-07	2.01E-07	3.55E-08	9.27E-08	9.27E-07
4363	490363.09	3857377.25	1.16E-03	1.34E-03	6.15E-04	4.03E-07	1.22E-06	7.05E-07	8.15E-07	7.38E-07	3.37E-07	1.54E-07	1.35E-08	3.25E-07	7.18E-08	1.11E-07	1.75E-07	3.09E-08	8.08E-08	8.08E-07
4364	490863.09	3857377.25	1.02E-03	1.18E-03	5.40E-04	3.54E-07	1.07E-06	6.19E-07	7.16E-07	6.49E-07	2.96E-07	1.35E-07	1.18E-08	2.86E-07	6.31E-08	9.72E-08	1.54E-07	2.72E-08	7.10E-08	7.10E-07
4365	491363.09	3857377.25	9.05E-04	1.05E-03	4.79E-04	3.14E-07	9.47E-07	5.49E-07	6.34E-07	5.74E-07	2.62E-07	1.20E-07	1.05E-08	2.53E-07	5.59E-08	8.60E-08	1.36E-07	2.41E-08	6.29E-08	6.29E-07
4366	491863.09	3857377.25	8.02E-04	9.27E-04	4.25E-04	2.78E-07	8.40E-07	4.86E-07	5.61E-07	5.09E-07	2.32E-07	1.06E-07	9.29E-09	2.24E-07	4.95E-08	7.62E-08	1.21E-07	2.13E-08	5.58E-08	5.57E-07
4367	492363.09	3857377.25	6.40E-04	7.39E-04	3.40E-04	2.22E-07	6.70E-07	3.88E-07	4.48E-07	4.06E-07	1.85E-07	8.52E-08	7.41E-09	1.79E-07	3.95E-08	6.08E-08	9.64E-08	1.70E-08	4.47E-08	4.45E-07
4368	492863.09	3857377.25	4.42E-04	5.10E-04	2.35E-04	1.53E-07	4.62E-07	2.68E-07	3.09E-07	2.80E-07	1.28E-07	5.89E-08	5.11E-09	1.23E-07	2.72E-08	4.19E-08	6.65E-08	1.17E-08	3.09E-08	3.07E-07
4369	493363.09	3857377.25	2.95E-04	3.40E-04	1.58E-04	1.02E-07	3.09E-07	1.79E-07	2.06E-07	1.87E-07	8.53E-08	3.95E-08	3.41E-09	8.25E-08	1.82E-08	2.80E-08	4.44E-08	7.82E-09	2.07E-08	2.05E-07
4370	493863.09	3857377.25	2.38E-04	2.74E-04	1.28E-04	8.25E-08	2.49E-07	1.44E-07	1.66E-07	1.51E-07	6.88E-08	3.20E-08	2.76E-09	6.65E-08	1.47E-08	2.26E-08	3.58E-08	6.31E-09	1.68E-08	1.65E-07
4371	494363.09	3857377.25	1.88E-04	2.17E-04	1.01E-04	6.52E-08	1.97E-07	1.14E-07	1.31E-07	1.19E-07	5.43E-08	2.53E-08	2.18E-09	5.26E-08	1.16E-08	1.78E-08	2.83E-08	4.98E-09	1.33E-08	1.31E-07
4372	494863.09	3857377.25	1.65E-04	1.90E-04	8.89E-05	5.72E-08	1.73E-07	1.00E-07	1.15E-07	1.04E-07	4.76E-08	2.23E-08	1.91E-09	4.61E-08	1.02E-08	1.56E-08	2.48E-08	4.37E-09	1.17E-08	1.15E-07
4373	495363.09	3857377.25	1.48E-04	1.71E-04	7.99E-05	5.14E-08	1.55E-07	8.98E-08	1.03E-07	9.38E-08	4.28E-08	2.00E-08	1.72E-09	4.14E-08	9.14E-09	1.40E-08	2.23E-08	3.93E-09	1.05E-08	1.03E-07
4374	495863.09	3857377.25	1.42E-04	1.63E-04	7.64E-05	4.91E-08	1.48E-07	8.59E-08	9.89E-08	8.97E-08	4.09E-08	1.91E-08	1.64E-09	3.96E-08	8.75E-09	1.34E-08	2.13E-08	3.76E-09	1.00E-08	9.86E-08
4375	496363.09	3857377.25	1.38E-04	1.59E-04	7.44E-05	4.79E-08	1.45E-07	8.38E-08	9.65E-08	8.75E-08	3.99E-08	1.86E-08	1.60E-09	3.87E-08	8.53E-09	1.31E-08	2.08E-08	3.66E-09	9.79E-09	9.61E-08
4376	496863.09	3857377.25	1.37E-04	1.57E-04	7.34E-05	4.73E-08	1.43E-07	8.27E-08	9.53E-08	8.64E-08	3.94E-08	1.84E-08	1.58E-09	3.82E-08	8.42E-09	1.29E-08	2.05E-08	3.62E-09	9.65E-09	9.49E-08
4377	497363.09	3857377.25	1.43E-04	1.65E-04	7.67E-05	4.95E-08	1.50E-07	8.66E-08	9.98E-08	9.05E-08	4.13E-08	1.92E-08	1.65E-09	4.00E-08	8.82E-09	1.36E-08	2.15E-08	3.79E-09	1.01E-08	9.93E-08
4378	497863.09	3857377.25	1.54E-04	1.77E-04	8.23E-05	5.33E-08	1.61E-07	9.31E-08	1.07E-07	9.73E-08	4.44E-08	2.06E-08	1.78E-09	4.30E-08	9.48E-09	1.46E-08	2.31E-08	4.08E-09	1.08E-08	1.07E-07
4379	498363.09	3857377.25	1.87E-04	2.15E-04	9.95E-05	6.47E-08	1.95E-07	1.13E-07	1.30E-07	1.18E-07	5.40E-08	2.49E-08	2.16E-09	5.22E-08	1.15E-08	1.77E-08	2.81E-08	4.95E-09	1.31E-08	1.30E-07
4380	471363.09	3857877.25	3.50E-05	4.04E-05	1.84E-05	1.21E-08	3.66E-08	2.12E-08	2.45E-08	2.22E-08	1.01E-08	4.62E-09	4.05E-10	9.77E-09	2.16E-09	3.32E-09	5.27E-09	9.29E-10	2.42E-09	2.43E-08
4381	471863.09	3857877.25	3.64E-05	4.21E-05	1.92E-05	1.26E-08	3.81E-08	2.21E-08	2.55E-08	2.31E-08	1.06E-08	4.82E-09	4.22E-10	1.02E-08	2.25E-09	3.46E-09	5.50E-09	9.69E-10	2.53E-09	2.53E-08
4382	472363.09	3857877.25	3.85E-05	4.45E-05	2.03E-05	1.33E-08	4.03E-08	2.33E-08	2.69E-08	2.44E-08	1.11E-08	5.08E-09	4.45E-10	1.08E-08	2.37E-09	3.66E-09	5.80E-09	1.02E-09	2.67E-09	2.67E-08
4383	472863.09	3857877.25	4.16E-05	4.80E-05	2.19E-05	1.44E-08	4.35E-08	2.52E-08	2.91E-08	2.64E-08	1.20E-08	5.49E-09	4.81E-10	1.16E-08	2.56E-09	3.95E-09	6.27E-09	1.10E-09	2.88E-09	2.89E-08
4384	473363.09	3857877.25	4.41E-05	5.10E-05	2.32E-05	1.53E-08	4.61E-08	2.67E-08	3.09E-08	2.80E-08	1.28E-08	5.82E-09	5.10E-10	1.23E-08	2.72E-09	4.19E-09	6.65E-09	1.17E-09	3.05E-09	3.06E-08
4385	473863.09	3857877.25	4.76E-05	5.50E-05	2.51E-05	1.65E-08	4.98E-08	2.88E-08	3.33E-08	3.02E-08	1.38E-08	6.28E-09	5.51E-10	1.33E-08	2.93E-09	4.52E-09	7.18E-09	1.26E-09	3.29E-09	3.30E-08
4386	474363.09	3857877.25	4.64E-05	5.36E-05	2.45E-05	1.61E-08	4.86E-08	2.81E-08	3.25E-08	2.94E-08	1.34E-08	6.13E-09	5.37E-10	1.30E-08	2.86E-09	4.41E-09	7.00E-09	1.23E-09	3.22E-09	3.22E-08
4387	474863.09	3857877.25	3.62E-05	4.19E-05	1.92E-05	1.26E-08	3.79E-08	2.20E-08	2.54E-08	2.30E-08	1.05E-08	4.80E-09	4.19E-10	1.01E-08	2.24E-09	3.44E-09	5.46E-09	9.63E-10	2.52E-09	2.52E-08
4388	475363.09	3857877.25	2.01E-05	2.32E-05	1.07E-05	6.96E-09	2.10E-08	1.22E-08	1.40E-08	1.27E-08	5.81E-09	2.69E-09	2.33E-10	5.62E-09	1.24E-09	1.91E-09	3.02E-09	5.33E-10	1.41E-09	1.40E-08
4389	475863.09	3857877.25	9.36E-06	1.08E-05	5.14E-06	3.24E-09	9.79E-09	5.67E-09	6.51E-09	5.90E-09	2.69E-09	1.29E-09	1.08E-10	2.62E-09	5.77E-10	8.84E-10	1.40E-09	2.47E-10	6.75E-10	6.51E-09
4390	476363.09	3857877.25	2.32E-05	2.68E-05	1.24E-05	8.04E-09	2.43E-08	1.41E-08	1.62E-08	1.47E-08	6.71E-09	3.10E-09	2.69E-10	6.49E-09	1.43E-09	2.20E-09	3.49E-09	6.16E-10	1.63E-09	1.61E-08
4391	476863.09	3857877.25	2.95E-05	3.40E-05	1.57E-05	1.02E-08	3.09E-08	1.79E-08	2.06E-08	1.87E-08	8.53E-09	3.93E-09	3.41E-10	8.24E-09	1.82E-09	2.80E-09	4.44E-09	7.83E-10	2.06E-09	2.05E-08

4392	477363.09	3857877.25	2.93E-05	3.38E-05	1.56E-05	1.01E-08	3.06E-08	1.77E-08	2.05E-08	1.85E-08	8.46E-09	3.90E-09	3.39E-10	8.18E-09	1.81E-09	2.78E-09	4.41E-09	7.77E-10	2.05E-09	2.03E-08
4393	477863.09	3857877.25	2.80E-05	3.23E-05	1.49E-05	9.70E-09	2.93E-08	1.69E-08	1.96E-08	1.77E-08	8.09E-09	3.74E-09	3.24E-10	7.82E-09	1.73E-09	2.65E-09	4.21E-09	7.42E-10	1.96E-09	1.94E-08
4394	478363.09	3857877.25	1.50E-05	1.72E-05	8.17E-06	5.20E-09	1.57E-08	9.08E-09	1.04E-08	9.47E-09	4.32E-09	2.05E-09	1.73E-10	4.19E-09	9.25E-10	1.42E-09	2.25E-09	3.96E-10	1.07E-09	1.04E-08
4395	478863.09	3857877.25	1.23E-05	1.41E-05	6.78E-06	4.27E-09	1.29E-08	7.46E-09	8.56E-09	7.76E-09	3.54E-09	1.70E-09	1.42E-10	3.44E-09	7.59E-10	1.16E-09	1.84E-09	3.25E-10	8.92E-10	8.57E-09
4396	479363.09	3857877.25	7.29E-05	8.42E-05	3.84E-05	2.52E-08	7.62E-08	4.41E-08	5.10E-08	4.62E-08	2.11E-08	9.63E-09	8.43E-10	2.04E-08	4.49E-09	6.93E-09	1.10E-08	1.94E-09	5.05E-09	5.06E-08
4397	479863.09	3857877.25	1.43E-04	1.65E-04	7.48E-05	4.94E-08	1.49E-07	8.64E-08	1.00E-07	9.06E-08	4.14E-08	1.87E-08	1.65E-09	3.99E-08	8.80E-09	1.36E-08	2.15E-08	3.80E-09	9.84E-09	9.91E-08
4398	480363.09	3857877.25	1.72E-04	1.98E-04	8.98E-05	5.94E-08	1.79E-07	1.04E-07	1.20E-07	1.09E-07	4.97E-08	2.25E-08	1.98E-09	4.79E-08	1.06E-08	1.63E-08	2.59E-08	4.56E-09	1.18E-08	1.19E-07
4399	480863.09	3857877.25	1.93E-04	2.24E-04	1.01E-04	6.70E-08	2.02E-07	1.17E-07	1.35E-07	1.23E-07	5.60E-08	2.53E-08	2.24E-09	5.40E-08	1.19E-08	1.84E-08	2.92E-08	5.14E-09	1.33E-08	1.34E-07
4400	481363.09	3857877.25	2.21E-04	2.55E-04	1.15E-04	7.65E-08	2.31E-07	1.34E-07	1.55E-07	1.40E-07	6.40E-08	2.89E-08	2.55E-09	6.17E-08	1.36E-08	2.10E-08	3.33E-08	5.87E-09	1.52E-08	1.53E-07
4401	481863.09	3857877.25	2.55E-04	2.95E-04	1.33E-04	8.83E-08	2.67E-07	1.54E-07	1.79E-07	1.62E-07	7.39E-08	3.34E-08	2.95E-09	7.13E-08	1.57E-08	2.43E-08	3.85E-08	6.78E-09	1.75E-08	1.77E-07
4402	482363.09	3857877.25	2.97E-04	3.44E-04	1.55E-04	1.03E-07	3.11E-07	1.80E-07	2.08E-07	1.89E-07	8.61E-08	3.89E-08	3.44E-09	8.30E-08	1.83E-08	2.83E-08	4.49E-08	7.91E-09	2.04E-08	2.06E-07
4403	482863.09	3857877.25	3.23E-04	3.74E-04	1.69E-04	1.12E-07	3.38E-07	1.96E-07	2.27E-07	2.05E-07	9.37E-08	4.23E-08	3.74E-09	9.03E-08	1.99E-08	3.08E-08	4.88E-08	8.60E-09	2.22E-08	2.24E-07
4404	483363.09	3857877.25	3.77E-04	4.36E-04	1.97E-04	1.31E-07	3.94E-07	2.28E-07	2.64E-07	2.40E-07	1.09E-07	4.93E-08	4.36E-09	1.05E-07	2.33E-08	3.59E-08	5.69E-08	1.00E-08	2.59E-08	2.62E-07
4405	483863.09	3857877.25	4.39E-04	5.08E-04	2.29E-04	1.52E-07	4.59E-07	2.66E-07	3.08E-07	2.79E-07	1.27E-07	5.74E-08	5.08E-09	1.23E-07	2.71E-08	4.18E-08	6.63E-08	1.17E-08	3.01E-08	3.05E-07
4406	484363.09	3857877.25	5.10E-04	5.90E-04	2.66E-04	1.77E-07	5.33E-07	3.09E-07	3.57E-07	3.24E-07	1.48E-07	6.66E-08	5.90E-09	1.42E-07	3.14E-08	4.85E-08	7.70E-08	1.36E-08	3.50E-08	3.54E-07
4407	484863.09	3857877.25	5.84E-04	6.76E-04	3.05E-04	2.02E-07	6.11E-07	3.54E-07	4.09E-07	3.71E-07	1.69E-07	7.63E-08	6.76E-09	1.63E-07	3.60E-08	5.56E-08	8.82E-08	1.55E-08	4.00E-08	4.05E-07
4408	485363.09	3857877.25	6.57E-04	7.61E-04	3.43E-04	2.28E-07	6.88E-07	3.98E-07	4.61E-07	4.18E-07	1.91E-07	8.59E-08	7.61E-09	1.84E-07	4.05E-08	6.26E-08	9.93E-08	1.75E-08	4.51E-08	4.56E-07
4409	485863.09	3857877.25	7.37E-04	8.54E-04	3.85E-04	2.56E-07	7.72E-07	4.47E-07	5.17E-07	4.69E-07	2.14E-07	9.64E-08	8.53E-09	2.06E-07	4.55E-08	7.02E-08	1.11E-07	1.96E-08	5.06E-08	5.12E-07
4410	486363.09	3857877.25	8.13E-04	9.41E-04	4.25E-04	2.82E-07	8.51E-07	4.93E-07	5.70E-07	5.17E-07	2.36E-07	1.06E-07	9.41E-09	2.27E-07	5.02E-08	7.74E-08	1.23E-07	2.16E-08	5.58E-08	5.65E-07
4411	486863.09	3857877.25	8.36E-04	9.67E-04	4.37E-04	2.90E-07	8.74E-07	5.06E-07	5.86E-07	5.31E-07	2.42E-07	1.10E-07	9.67E-09	2.34E-07	5.15E-08	7.95E-08	1.26E-07	2.22E-08	5.75E-08	5.80E-07
4412	487363.09	3857877.25	9.66E-04	1.12E-03	5.07E-04	3.35E-07	1.01E-06	5.85E-07	6.77E-07	6.14E-07	2.80E-07	1.27E-07	1.12E-08	2.70E-07	5.96E-08	9.19E-08	1.46E-07	2.57E-08	6.67E-08	6.71E-07
4413	487863.09	3857877.25	1.02E-03	1.18E-03	5.42E-04	3.55E-07	1.07E-06	6.21E-07	7.17E-07	6.50E-07	2.97E-07	1.36E-07	1.19E-08	2.86E-07	6.32E-08	9.74E-08	1.54E-07	2.72E-08	7.13E-08	7.12E-07
4414	488363.09	3857877.25	1.22E-03	1.38E-03	7.47E-04	4.23E-07	1.28E-06	7.40E-07	8.35E-07	7.56E-07	3.45E-07	1.87E-07	1.41E-08	3.41E-07	7.53E-08	1.13E-07	1.80E-07	3.17E-08	9.82E-08	8.54E-07
4415	488863.09	3857877.25	1.09E-03	1.25E-03	6.18E-04	3.79E-07	1.14E-06	6.62E-07	7.57E-07	6.86E-07	3.13E-07	1.55E-07	1.27E-08	3.06E-07	6.74E-08	1.03E-07	1.63E-07	2.87E-08	8.13E-08	7.62E-07
4416	489363.09	3857877.25	1.01E-03	1.16E-03	5.47E-04	3.49E-07	1.05E-06	6.10E-07	7.01E-07	6.36E-07	2.90E-07	1.37E-07	1.16E-08	2.81E-07	6.21E-08	9.52E-08	1.51E-07	2.66E-08	7.20E-08	7.00E-07
4417	489863.09	3857877.25	9.27E-04	1.07E-03	4.98E-04	3.21E-07	9.70E-07	5.62E-07	6.47E-07	5.87E-07	2.68E-07	1.25E-07	1.07E-08	2.59E-07	5.72E-08	8.79E-08	1.39E-07	2.46E-08	6.54E-08	6.44E-07
4418	490363.09	3857877.25	8.48E-04	9.78E-04	4.53E-04	2.94E-07	8.87E-07	5.14E-07	5.93E-07	5.37E-07	2.45E-07	1.13E-07	9.81E-09	2.37E-07	5.23E-08	8.05E-08	1.28E-07	2.25E-08	5.95E-08	5.89E-07
4419	490863.09	3857877.25	7.78E-04	8.98E-04	4.14E-04	2.70E-07	8.14E-07	4.71E-07	5.44E-07	4.93E-07	2.25E-07	1.04E-07	9.00E-09	2.17E-07	4.80E-08	7.39E-08	1.17E-07	2.06E-08	5.44E-08	5.41E-07
4420	491363.09	3857877.25	7.13E-04	8.23E-04	3.79E-04	2.47E-07	7.46E-07	4.32E-07	4.99E-07	4.52E-07	2.06E-07	9.49E-08	8.25E-09	1.99E-07	4.40E-08	6.77E-08	1.07E-07	1.89E-08	4.98E-08	4.95E-07
4421	491863.09	3857877.25	6.38E-04	7.37E-04	3.39E-04	2.21E-07	6.68E-07	3.87E-07	4.46E-07	4.05E-07	1.85E-07	8.49E-08	7.39E-09	1.78E-07	3.94E-08	6.06E-08	9.61E-08	1.69E-08	4.46E-08	4.43E-07
4422	492363.09	3857877.25	4.80E-04	5.54E-04	2.56E-04	1.66E-07	5.02E-07	2.91E-07	3.35E-07	3.04E-07	1.39E-07	6.40E-08	5.55E-09	1.34E-07	2.96E-08	4.55E-08	7.23E-08	1.27E-08	3.36E-08	3.33E-07
4423	492863.09	3857877.25	3.21E-04	3.71E-04	1.72E-04	1.11E-07	3.36E-07	1.95E-07	2.25E-07	2.04E-07	9.29E-08	4.30E-08	3.72E-09	8.99E-08	1.98E-08	3.05E-08	4.84E-08	8.53E-09	2.26E-08	2.23E-07
4424	493363.09	3857877.25	2.62E-04	3.02E-04	1.40E-04	9.07E-08	2.74E-07	1.58E-07	1.83E-07	1.66E-07	7.56E-08	3.51E-08	3.03E-09	7.31E-08	1.61E-08	2.48E-08	3.94E-08	6.94E-09	1.84E-08	1.82E-07
4425	493863.09	3857877.25	2.31E-04	2.66E-04	1.23E-04	7.99E-08	2.41E-07	1.40E-07	1.61E-07	1.46E-07	6.66E-08	3.09E-08	2.67E-09	6.45E-08	1.42E-08	2.19E-08	3.47E-08	6.12E-09	1.62E-08	1.60E-07
4426	494363.09	3857877.25	2.09E-04	2.41E-04	1.12E-04	7.24E-08	2.19E-07	1.27E-07	1.46E-07	1.32E-07	6.04E-08	2.80E-08	2.42E-09	5.84E-08	1.29E-08	1.98E-08	3.14E-08	5.54E-09	1.47E-08	1.45E-07
4427	494863.09	3857877.25	1.76E-04	2.03E-04	9.44E-05	6.10E-08	1.84E-07	1.07E-07	1.23E-07	1.11E-07	5.09E-08	2.37E-08	2.04E-09	4.92E-08	1.09E-08	1.67E-08	2.65E-08	4.67E-09	1.24E-08	1.22E-07
4428	495363.09	3857877.25	1.64E-04	1.89E-04	8.80E-05	5.69E-08	1.72E-07	9.94E-08	1.15E-07	1.04E-07	4.74E-08	2.21E-08	1.90E-09	4.59E-08	1.01E-08	1.56E-08	2.47E-08	4.35E-09	1.16E-08	1.14E-07
4429	495863.09	3857877.25	1.54E-04	1.78E-04	8.26E-05	5.34E-08	1.61E-07	9.33E-08	1.08E-07	9.75E-08	4.45E-08	2.07E-08	1.78E-09	4.31E-08	9.50E-09	1.46E-08	2.32E-08	4.08E-09	1.09E-08	1.07E-07
4430	496363.09	3857877.25	1.54E-04	1.78E-04	8.27E-05	5.35E-08	1.62E-07	9.35E-08	1.08E-07	9.78E-08	4.46E-08	2.07E-08	1.79E-09	4.32E-08	9.53E-09	1.46E-08	2.32E-08	4.09E-09	1.09E-08	1.07E-07
4431	496863.09	3857877.25	1.53E-04	1.77E-04	8.21E-05	5.32E-08	1.61E-07	9.29E-08	1.07E-07	9.72E-08	4.43E-08	2.06E-08	1.78E-09	4.29E-08	9.46E-09	1.46E-08	2.31E-08	4.07E-09	1.08E-08	1.07E-07
4432	497363.09	3857877.25	1.50E-04	1.73E-04	8.03E-05	5.21E-08	1.57E-07	9.10E-08	1.05E-07	9.51E-08	4.34E-08	2.01E-08	1.74E-09	4.20E-08	9.27E-09	1.43E-08	2.26E-08	3.98E-09	1.06E-08	1.04E-07
4433	497863.09	3857877.25	1.71E-04	1.97E-04	9.10E-05	5.92E-08	1.79E-07	1.03E-07	1.19E-07	1.08E-07	4.94E-08	2.28E-08	1.98E-09	4.77E-08	1.05E-08	1.62E-08	2.57E-08	4.53E-09	1.20E-08	1.19E-07
4434	498363.09	3857877.25	1.92E-04	2.21E-04	1.02E-04	6.64E-08	2.01E-07	1.16E-07	1.34E-07	1.21E-07	5.54E-08	2.55E-08	2.22E-09	5.36E-08	1.18E-08	1.82E-08	2.89E-08	5.09E-09	1.34E-08	1.33E-07
4435	471363.09	3858377.25	3.54E-05	4.09E-05	1.87E-05	1.23E-08	3.71E-08	2.15E-08	2.48E-08	2.25E-08	1.03E-08	4.68E-09	4.10E-10	9.90E-09	2.18E-09	3.37E-09	5.34E-09	9.41E-10	2.45E-09	2.46E-08
4436	471863.09	3858377.25	3.69E-05	4.27E-05	1.95E-05	1.28E-08	3.86E-08	2.24E-08	2.58E-08	2.34E-08	1.07E-08	4.87E-09	4.27E-10	1.03E-08	2.28E-09	3.51E-09	5.57E-09	9.81E-10	2.56E-09	2.56E-08
4437	472363.09	3858377.25	3.86E-05	4.46E-05	2.04E-05	1.34E-08	4.04E-08	2.34E-08	2.70E-08	2.45E-08	1.12E-08	5.10E-09	4.47E-10	1.08E-08	2.38E-09	3.67E-09	5.82E-09	1.03E-09	2.68E-09	2.68E-08
4438	472863.09	3858377.25	4.12E-05	4.76E-05	2.17E-05	1.43E-08	4.31E-08	2.50E-08	2.89E-08	2.62E-08	1.19E-08	5.44E-09	4.77E-10	1.15E-08	2.54E-09	3.92E-09	6.22E-09	1.10E-09	2.86E-09	2.86E-08
4439	473363.09	3858377.25	4.53E-05	5.24E-05	2.38E-05	1.57E-08	4.74E-08	2.74E-08	3.17E-08	2.88E-08	1.31E-08	5.98E-09	5.24E-10	1.27E-08	2.79E-09	4.31E-09	6.83E-09	1.20E-09	3.14E-09	3.15E-08
4440	473863.09	3858377.25	4.70E-05	5.44E-05	2.48E-05	1.63E-08	4.92E-08	2.85E-08	3.29E-08	2.98E-08	1.36E-08	6.20E-09	5.44E-10	1.31E-08	2.90E-09	4.47E-09	7.09E-09	1.25E-09	3.26E-09	3.27E-08
4441	474363.09	3858377.25	4.45E-05	5.14E-05	2.34E-05	1.54E-08	4.65E-08	2.69E-08	3.11E-08	2.82E-08	1.29E-08	5.87E-09	5.15E-10	1.24E-08	2.74E-09	4.23E-09	6.71E-09	1.18E-09	3.08E-09	3.09E-08
4442	474863.09	3858377.25	3.74E-05	4.32E-05	1.98E-05	1.30E-08	3.91E-08	2.26E-08	2.62E-08	2.37E-08	1.08E-08	4.95E-09	4.33E-10	1.05E-08	2.31E-09	3.55E-09	5.64E-09	9.93E-10	2.60E-09	2.60E-08
4443	475363.09	3858377.25	2.51E-05	2.89E-05	1.33E-05	8.68E-09	2.62E-08	1.52E-08	1.75E-08	1.59E-08	7.25E-09	3.34E-09	2.90E-10	7.00E-09	1.55E-09	2.38E-09	3.77E-09	6.65E-10	1.75E-09	1.74E-08
4444	475863.09	3858377.25	1.77E-05	2.04E-05	9.49E-06	6.12E-09	1.85E-08	1.07E-08	1.23E-08	1.12E-08	5.10E-09	2.38E-09	2.04E-10	4.94E-09	1.09E-09	1.67E-09	2.66E-09	4.68E-10	1.25E-09	1.23E-08

4445	476363.09	3858377.25	1.94E-05	2.24E-05	1.04E-05	6.72E-09	2.03E-08	1.17E-08	1.35E-08	1.23E-08	5.60E-09	2.61E-09	2.24E-10	5.42E-09	1.20E-09	1.84E-09	2.92E-09	5.14E-10	1.37E-09	1.35E-08
4446	476863.09	3858377.25	2.13E-05	2.46E-05	1.14E-05	7.38E-09	2.23E-08	1.29E-08	1.49E-08	1.35E-08	6.16E-09	2.86E-09	2.47E-10	5.96E-09	1.31E-09	2.02E-09	3.21E-09	5.65E-10	1.50E-09	1.48E-08
4447	477363.09	3858377.25	2.03E-05	2.34E-05	1.09E-05	7.03E-09	2.12E-08	1.23E-08	1.42E-08	1.28E-08	5.85E-09	2.73E-09	2.35E-10	5.67E-09	1.25E-09	1.92E-09	3.05E-09	5.37E-10	1.43E-09	1.41E-08
4448	477863.09	3858377.25	2.83E-05	3.26E-05	1.51E-05	9.80E-09	2.96E-08	1.71E-08	1.98E-08	1.79E-08	8.18E-09	3.78E-09	3.27E-10	7.91E-09	1.74E-09	2.68E-09	4.26E-09	7.50E-10	1.98E-09	1.97E-08
4449	478363.09	3858377.25	3.13E-05	3.62E-05	1.67E-05	1.09E-08	3.28E-08	1.90E-08	2.19E-08	1.99E-08	9.06E-09	4.18E-09	3.63E-10	8.76E-09	1.93E-09	2.97E-09	4.72E-09	8.32E-10	2.20E-09	2.18E-08
4450	478863.09	3858377.25	2.06E-05	2.37E-05	1.11E-05	7.13E-09	2.15E-08	1.25E-08	1.43E-08	1.30E-08	5.93E-09	2.78E-09	2.38E-10	5.75E-09	1.27E-09	1.95E-09	3.09E-09	5.45E-10	1.46E-09	1.43E-08
4451	479363.09	3858377.25	7.80E-05	9.02E-05	4.11E-05	2.70E-08	8.17E-08	4.73E-08	5.46E-08	4.95E-08	2.26E-08	1.03E-08	9.03E-10	2.18E-08	4.81E-09	7.42E-09	1.18E-08	2.07E-09	5.41E-09	5.42E-08
4452	479863.09	3858377.25	1.39E-04	1.60E-04	7.27E-05	4.80E-08	1.45E-07	8.40E-08	9.71E-08	8.81E-08	4.02E-08	1.82E-08	1.60E-09	3.88E-08	8.55E-09	1.32E-08	2.09E-08	3.69E-09	9.55E-09	9.63E-08
4453	480363.09	3858377.25	1.61E-04	1.86E-04	8.40E-05	5.56E-08	1.68E-07	9.72E-08	1.13E-07	1.02E-07	4.65E-08	2.11E-08	1.86E-09	4.49E-08	9.90E-09	1.53E-08	2.42E-08	4.27E-09	1.11E-08	1.11E-07
4454	480863.09	3858377.25	1.79E-04	2.07E-04	9.37E-05	6.21E-08	1.87E-07	1.08E-07	1.26E-07	1.14E-07	5.19E-08	2.35E-08	2.07E-09	5.01E-08	1.10E-08	1.70E-08	2.70E-08	4.76E-09	1.23E-08	1.24E-07
4455	481363.09	3858377.25	2.01E-04	2.32E-04	1.05E-04	6.96E-08	2.10E-07	1.22E-07	1.41E-07	1.28E-07	5.83E-08	2.63E-08	2.33E-09	5.62E-08	1.24E-08	1.91E-08	3.03E-08	5.35E-09	1.38E-08	1.39E-07
4456	481863.09	3858377.25	2.27E-04	2.63E-04	1.19E-04	7.87E-08	2.38E-07	1.38E-07	1.59E-07	1.44E-07	6.59E-08	2.98E-08	2.63E-09	6.35E-08	1.40E-08	2.16E-08	3.43E-08	6.05E-09	1.56E-08	1.58E-07
4457	482363.09	3858377.25	2.61E-04	3.03E-04	1.37E-04	9.06E-08	2.74E-07	1.58E-07	1.83E-07	1.66E-07	7.58E-08	3.42E-08	3.02E-09	7.31E-08	1.61E-08	2.49E-08	3.95E-08	6.96E-09	1.80E-08	1.81E-07
4458	482863.09	3858377.25	2.98E-04	3.44E-04	1.55E-04	1.03E-07	3.11E-07	1.80E-07	2.09E-07	1.89E-07	8.63E-08	3.90E-08	3.44E-09	8.32E-08	1.84E-08	2.83E-08	4.49E-08	7.92E-09	2.04E-08	2.07E-07
4459	483363.09	3858377.25	3.19E-04	3.69E-04	1.66E-04	1.10E-07	3.33E-07	1.93E-07	2.23E-07	2.02E-07	9.24E-08	4.17E-08	3.69E-09	8.91E-08	1.97E-08	3.03E-08	4.81E-08	8.48E-09	2.19E-08	2.21E-07
4460	483863.09	3858377.25	3.47E-04	4.02E-04	1.81E-04	1.20E-07	3.63E-07	2.10E-07	2.44E-07	2.21E-07	1.01E-07	4.54E-08	4.02E-09	9.71E-08	2.14E-08	3.31E-08	5.25E-08	9.24E-09	2.39E-08	2.41E-07
4461	484363.09	3858377.25	3.86E-04	4.47E-04	2.02E-04	1.34E-07	4.04E-07	2.34E-07	2.71E-07	2.45E-07	1.12E-07	5.05E-08	4.47E-09	1.08E-07	2.38E-08	3.68E-08	5.83E-08	1.03E-08	2.65E-08	2.68E-07
4462	484863.09	3858377.25	4.19E-04	4.84E-04	2.19E-04	1.45E-07	4.38E-07	2.54E-07	2.93E-07	2.66E-07	1.21E-07	5.48E-08	4.84E-09	1.17E-07	2.58E-08	3.98E-08	6.32E-08	1.11E-08	2.87E-08	2.91E-07
4463	485363.09	3858377.25	4.49E-04	5.20E-04	2.35E-04	1.56E-07	4.70E-07	2.72E-07	3.15E-07	2.86E-07	1.30E-07	5.88E-08	5.20E-09	1.26E-07	2.77E-08	4.28E-08	6.79E-08	1.20E-08	3.09E-08	3.12E-07
4464	485863.09	3858377.25	4.84E-04	5.60E-04	2.53E-04	1.68E-07	5.06E-07	2.93E-07	3.39E-07	3.07E-07	1.40E-07	6.34E-08	5.60E-09	1.35E-07	2.99E-08	4.61E-08	7.31E-08	1.29E-08	3.33E-08	3.36E-07
4465	486363.09	3858377.25	4.89E-04	5.65E-04	2.57E-04	1.69E-07	5.11E-07	2.96E-07	3.42E-07	3.10E-07	1.42E-07	6.43E-08	5.65E-09	1.37E-07	3.01E-08	4.65E-08	7.37E-08	1.30E-08	3.38E-08	3.39E-07
4466	486863.09	3858377.25	4.86E-04	5.61E-04	2.57E-04	1.68E-07	5.08E-07	2.94E-07	3.40E-07	3.08E-07	1.41E-07	6.44E-08	5.62E-09	1.36E-07	3.00E-08	4.61E-08	7.32E-08	1.29E-08	3.38E-08	3.37E-07
4467	487363.09	3858377.25	5.13E-04	5.92E-04	2.72E-04	1.78E-07	5.37E-07	3.11E-07	3.59E-07	3.25E-07	1.48E-07	6.82E-08	5.94E-09	1.43E-07	3.16E-08	4.87E-08	7.73E-08	1.36E-08	3.58E-08	3.56E-07
4468	487863.09	3858377.25	5.64E-04	6.51E-04	3.00E-04	1.95E-07	5.90E-07	3.42E-07	3.94E-07	3.57E-07	1.63E-07	7.53E-08	6.53E-09	1.58E-07	3.48E-08	5.35E-08	8.49E-08	1.50E-08	3.95E-08	3.92E-07
4469	488363.09	3858377.25	5.87E-04	6.78E-04	3.12E-04	2.04E-07	6.15E-07	3.56E-07	4.11E-07	3.72E-07	1.70E-07	7.82E-08	6.80E-09	1.64E-07	3.62E-08	5.58E-08	8.85E-08	1.56E-08	4.11E-08	4.08E-07
4470	488863.09	3858377.25	5.72E-04	6.59E-04	3.08E-04	1.98E-07	5.98E-07	3.46E-07	3.99E-07	3.62E-07	1.65E-07	7.71E-08	6.62E-09	1.60E-07	3.53E-08	5.42E-08	8.59E-08	1.51E-08	4.05E-08	3.97E-07
4471	489363.09	3858377.25	5.99E-04	6.91E-04	3.21E-04	2.08E-07	6.27E-07	3.63E-07	4.19E-07	3.79E-07	1.73E-07	8.04E-08	6.94E-09	1.68E-07	3.70E-08	5.68E-08	9.02E-08	1.59E-08	4.22E-08	4.16E-07
4472	489863.09	3858377.25	6.13E-04	7.08E-04	3.27E-04	2.12E-07	6.42E-07	3.71E-07	4.29E-07	3.89E-07	1.77E-07	8.18E-08	7.10E-09	1.71E-07	3.78E-08	5.82E-08	9.23E-08	1.63E-08	4.29E-08	4.26E-07
4473	490363.09	3858377.25	5.98E-04	6.90E-04	3.18E-04	2.07E-07	6.26E-07	3.62E-07	4.18E-07	3.79E-07	1.73E-07	7.96E-08	6.92E-09	1.67E-07	3.69E-08	5.68E-08	9.00E-08	1.59E-08	4.18E-08	4.15E-07
4474	490863.09	3858377.25	5.68E-04	6.56E-04	3.02E-04	1.97E-07	5.95E-07	3.44E-07	3.97E-07	3.60E-07	1.64E-07	7.56E-08	6.57E-09	1.59E-07	3.50E-08	5.39E-08	8.56E-08	1.51E-08	3.97E-08	3.95E-07
4475	491363.09	3858377.25	5.36E-04	6.19E-04	2.84E-04	1.86E-07	5.61E-07	3.25E-07	3.75E-07	3.40E-07	1.55E-07	7.13E-08	6.20E-09	1.50E-07	3.31E-08	5.09E-08	8.07E-08	1.42E-08	3.74E-08	3.72E-07
4476	491863.09	3858377.25	4.63E-04	5.35E-04	2.47E-04	1.61E-07	4.85E-07	2.81E-07	3.24E-07	2.94E-07	1.34E-07	6.19E-08	5.36E-09	1.30E-07	2.86E-08	4.40E-08	6.98E-08	1.23E-08	3.25E-08	3.22E-07
4477	492363.09	3858377.25	3.12E-04	3.60E-04	1.67E-04	1.08E-07	3.26E-07	1.89E-07	2.18E-07	1.98E-07	9.01E-08	4.18E-08	3.61E-09	8.72E-08	1.92E-08	2.96E-08	4.69E-08	8.27E-09	2.19E-08	2.17E-07
4478	492863.09	3858377.25	3.36E-04	3.88E-04	1.79E-04	1.17E-07	3.52E-07	2.04E-07	2.35E-07	2.13E-07	9.72E-08	4.49E-08	3.89E-09	9.40E-08	2.07E-08	3.19E-08	5.06E-08	8.92E-09	2.36E-08	2.34E-07
4479	493363.09	3858377.25	2.83E-04	3.27E-04	1.51E-04	9.82E-08	2.97E-07	1.72E-07	1.98E-07	1.80E-07	8.20E-08	3.79E-08	3.28E-09	7.92E-08	1.75E-08	2.69E-08	4.27E-08	7.52E-09	1.99E-08	1.97E-07
4480	493863.09	3858377.25	2.57E-04	2.97E-04	1.37E-04	8.91E-08	2.69E-07	1.56E-07	1.80E-07	1.63E-07	7.43E-08	3.43E-08	2.98E-09	7.19E-08	1.59E-08	2.44E-08	3.87E-08	6.82E-09	1.80E-08	1.79E-07
4481	494363.09	3858377.25	2.27E-04	2.62E-04	1.21E-04	7.87E-08	2.38E-07	1.38E-07	1.59E-07	1.44E-07	6.57E-08	3.03E-08	2.63E-09	6.35E-08	1.40E-08	2.16E-08	3.42E-08	6.03E-09	1.59E-08	1.58E-07
4482	494863.09	3858377.25	2.03E-04	2.34E-04	1.08E-04	7.04E-08	2.12E-07	1.23E-07	1.42E-07	1.29E-07	5.87E-08	2.71E-08	2.35E-09	5.68E-08	1.25E-08	1.93E-08	3.06E-08	5.39E-09	1.42E-08	1.41E-07
4483	495363.09	3858377.25	1.77E-04	2.04E-04	9.45E-05	6.13E-08	1.85E-07	1.07E-07	1.24E-07	1.12E-07	5.12E-08	2.37E-08	2.05E-09	4.95E-08	1.09E-08	1.68E-08	2.66E-08	4.69E-09	1.24E-08	1.23E-07
4484	495863.09	3858377.25	1.72E-04	1.99E-04	9.18E-05	5.96E-08	1.80E-07	1.04E-07	1.20E-07	1.09E-07	4.98E-08	2.30E-08	1.99E-09	4.81E-08	1.06E-08	1.63E-08	2.59E-08	4.57E-09	1.21E-08	1.20E-07
4485	496363.09	3858377.25	1.66E-04	1.91E-04	8.84E-05	5.74E-08	1.73E-07	1.00E-07	1.16E-07	1.05E-07	4.79E-08	2.21E-08	1.92E-09	4.63E-08	1.02E-08	1.57E-08	2.49E-08	4.40E-09	1.16E-08	1.15E-07
4486	496863.09	3858377.25	1.73E-04	1.99E-04	9.19E-05	5.98E-08	1.81E-07	1.05E-07	1.21E-07	1.09E-07	4.99E-08	2.30E-08	2.00E-09	4.83E-08	1.06E-08	1.64E-08	2.60E-08	4.58E-09	1.21E-08	1.20E-07
4487	497363.09	3858377.25	1.72E-04	1.99E-04	9.18E-05	5.98E-08	1.80E-07	1.04E-07	1.21E-07	1.09E-07	4.99E-08	2.30E-08	2.00E-09	4.82E-08	1.06E-08	1.64E-08	2.60E-08	4.58E-09	1.21E-08	1.20E-07
4488	497863.09	3858377.25	1.88E-04	2.17E-04	9.99E-05	6.52E-08	1.97E-07	1.14E-07	1.32E-07	1.19E-07	5.44E-08	2.50E-08	2.18E-09	5.26E-08	1.16E-08	1.79E-08	2.83E-08	4.99E-09	1.31E-08	1.31E-07
4489	498363.09	3858377.25	2.07E-04	2.39E-04	1.10E-04	7.19E-08	2.17E-07	1.26E-07	1.45E-07	1.31E-07	6.00E-08	2.76E-08	2.40E-09	5.80E-08	1.28E-08	1.97E-08	3.12E-08	5.51E-09	1.45E-08	1.44E-07
4490	471363.09	3858877.25	3.47E-05	4.00E-05	1.83E-05	1.20E-08	3.63E-08	2.10E-08	2.43E-08	2.20E-08	1.00E-08	4.58E-09	4.01E-10	9.69E-09	2.14E-09	3.29E-09	5.22E-09	9.21E-10	2.41E-09	2.41E-08
4491	471863.09	3858877.25	3.61E-05	4.17E-05	1.91E-05	1.25E-08	3.78E-08	2.19E-08	2.53E-08	2.29E-08	1.05E-08	4.78E-09	4.18E-10	1.01E-08	2.23E-09	3.43E-09	5.44E-09	9.59E-10	2.51E-09	2.51E-08
4492	472363.09	3858877.25	3.87E-05	4.47E-05	2.04E-05	1.34E-08	4.05E-08	2.34E-08	2.71E-08	2.46E-08	1.12E-08	5.12E-09	4.48E-10	1.08E-08	2.39E-09	3.68E-09	5.84E-09	1.03E-09	2.69E-09	2.69E-08
4493	472863.09	3858877.25	4.14E-05	4.79E-05	2.18E-05	1.44E-08	4.33E-08	2.51E-08	2.90E-08	2.63E-08	1.20E-08	5.47E-09	4.79E-10	1.16E-08	2.56E-09	3.94E-09	6.25E-09	1.10E-09	2.87E-09	2.88E-08
4494	473363.09	3858877.25	4.52E-05	5.23E-05	2.38E-05	1.57E-08	4.73E-08	2.74E-08	3.17E-08	2.87E-08	1.31E-08	5.97E-09	5.23E-10	1.26E-08	2.79E-09	4.30E-09	6.82E-09	1.20E-09	3.13E-09	3.14E-08
4495	473863.09	3858877.25	4.77E-05	5.51E-05	2.51E-05	1.65E-08	4.99E-08	2.89E-08	3.34E-08	3.03E-08	1.38E-08	6.30E-09	5.52E-10	1.33E-08	2.94E-09	4.53E-09	7.19E-09	1.27E-09	3.31E-09	3.31E-08
4496	474363.09	3858877.25	4.70E-05	5.44E-05	2.48E-05	1.63E-08	4.92E-08	2.85E-08	3.29E-08	2.98E-08	1.36E-08	6.22E-09	5.44E-10	1.31E-08	2.90E-09	4.47E-09	7.09E-09	1.25E-09	3.27E-09	3.27E-08
4497	474863.09	3858877.25	2.41E-05	2.78E-05	1.28E-05	8.34E-09	2.52E-08	1.46E-08	1.68E-08	1.53E-08	6.96E-09	3.21E-09	2.79E-10	6.73E-09	1.49E-09	2.29E-09	3.63E-09	6.39E-10	1.68E-09	1.67E-08

4498	475363.09	3858877.25	1.74E-05	2.00E-05	9.32E-06	6.02E-09	1.82E-08	1.05E-08	1.21E-08	1.10E-08	5.02E-09	2.33E-09	2.01E-10	4.86E-09	1.07E-09	1.65E-09	2.61E-09	4.60E-10	1.23E-09	1.21E-08
4499	475863.09	3858877.25	2.01E-05	2.32E-05	1.08E-05	6.98E-09	2.11E-08	1.22E-08	1.41E-08	1.27E-08	5.82E-09	2.70E-09	2.33E-10	5.63E-09	1.24E-09	1.91E-09	3.03E-09	5.34E-10	1.42E-09	1.40E-08
4500	476363.09	3858877.25	1.23E-05	1.41E-05	6.67E-06	4.25E-09	1.28E-08	7.43E-09	8.55E-09	7.75E-09	3.54E-09	1.67E-09	1.42E-10	3.43E-09	7.57E-10	1.16E-09	1.84E-09	3.25E-10	8.78E-10	8.54E-09
4501	476863.09	3858877.25	1.56E-05	1.80E-05	8.45E-06	5.42E-09	1.64E-08	9.47E-09	1.09E-08	9.89E-09	4.51E-09	2.12E-09	1.81E-10	4.37E-09	9.64E-10	1.48E-09	2.35E-09	4.14E-10	1.11E-09	1.09E-08
4502	477363.09	3858877.25	1.66E-05	1.91E-05	8.95E-06	5.74E-09	1.73E-08	1.00E-08	1.16E-08	1.05E-08	4.78E-09	2.24E-09	1.92E-10	4.63E-09	1.02E-09	1.57E-09	2.49E-09	4.39E-10	1.18E-09	1.15E-08
4503	477863.09	3858877.25	2.17E-05	2.50E-05	1.16E-05	7.52E-09	2.27E-08	1.31E-08	1.52E-08	1.37E-08	6.27E-09	2.91E-09	2.51E-10	6.07E-09	1.34E-09	2.06E-09	3.26E-09	5.75E-10	1.53E-09	1.51E-08
4504	478363.09	3858877.25	5.07E-05	5.86E-05	2.68E-05	1.76E-08	5.31E-08	3.07E-08	3.55E-08	3.22E-08	1.47E-08	6.72E-09	5.87E-10	1.42E-08	3.13E-09	4.82E-09	7.64E-09	1.35E-09	3.53E-09	3.52E-08
4505	478863.09	3858877.25	4.19E-05	4.84E-05	2.22E-05	1.45E-08	4.39E-08	2.54E-08	2.93E-08	2.66E-08	1.21E-08	5.57E-09	4.85E-10	1.17E-08	2.59E-09	3.98E-09	6.31E-09	1.11E-09	2.92E-09	2.91E-08
4506	479363.09	3858877.25	3.30E-05	3.81E-05	1.76E-05	1.14E-08	3.46E-08	2.00E-08	2.31E-08	2.09E-08	9.55E-09	4.41E-09	3.82E-10	9.23E-09	2.04E-09	3.13E-09	4.97E-09	8.76E-10	2.31E-09	2.29E-08
4507	479863.09	3858877.25	1.34E-04	1.55E-04	7.03E-05	4.65E-08	1.40E-07	8.13E-08	9.40E-08	8.52E-08	3.89E-08	1.76E-08	1.55E-09	3.75E-08	8.28E-09	1.28E-08	2.02E-08	3.57E-09	9.25E-09	9.32E-08
4508	480363.09	3858877.25	1.50E-04	1.73E-04	7.83E-05	5.18E-08	1.56E-07	9.06E-08	1.05E-07	9.50E-08	4.33E-08	1.96E-08	1.73E-09	4.18E-08	9.22E-09	1.42E-08	2.26E-08	3.98E-09	1.03E-08	1.04E-07
4509	480863.09	3858877.25	1.64E-04	1.90E-04	8.59E-05	5.69E-08	1.72E-07	9.95E-08	1.15E-07	1.04E-07	4.76E-08	2.15E-08	1.90E-09	4.59E-08	1.01E-08	1.56E-08	2.48E-08	4.37E-09	1.13E-08	1.14E-07
4510	481363.09	3858877.25	1.81E-04	2.09E-04	9.47E-05	6.27E-08	1.89E-07	1.10E-07	1.27E-07	1.15E-07	5.25E-08	2.37E-08	2.09E-09	5.06E-08	1.12E-08	1.72E-08	2.73E-08	4.82E-09	1.25E-08	1.26E-07
4511	481863.09	3858877.25	2.01E-04	2.33E-04	1.05E-04	6.97E-08	2.11E-07	1.22E-07	1.41E-07	1.28E-07	5.83E-08	2.64E-08	2.33E-09	5.62E-08	1.24E-08	1.92E-08	3.04E-08	5.35E-09	1.38E-08	1.40E-07
4512	482363.09	3858877.25	2.24E-04	2.59E-04	1.17E-04	7.76E-08	2.34E-07	1.36E-07	1.57E-07	1.42E-07	6.49E-08	2.93E-08	2.59E-09	6.26E-08	1.38E-08	2.13E-08	3.38E-08	5.96E-09	1.54E-08	1.55E-07
4513	482863.09	3858877.25	2.51E-04	2.91E-04	1.31E-04	8.70E-08	2.63E-07	1.52E-07	1.76E-07	1.60E-07	7.28E-08	3.29E-08	2.91E-09	7.02E-08	1.55E-08	2.39E-08	3.79E-08	6.68E-09	1.73E-08	1.74E-07
4514	483363.09	3858877.25	2.57E-04	2.97E-04	1.34E-04	8.91E-08	2.69E-07	1.56E-07	1.80E-07	1.63E-07	7.45E-08	3.37E-08	2.97E-09	7.19E-08	1.59E-08	2.45E-08	3.88E-08	6.84E-09	1.77E-08	1.78E-07
4515	483863.09	3858877.25	2.73E-04	3.16E-04	1.43E-04	9.47E-08	2.86E-07	1.65E-07	1.91E-07	1.74E-07	7.92E-08	3.58E-08	3.16E-09	7.64E-08	1.68E-08	2.60E-08	4.12E-08	7.27E-09	1.88E-08	1.90E-07
4516	484363.09	3858877.25	2.98E-04	3.45E-04	1.56E-04	1.03E-07	3.12E-07	1.80E-07	2.09E-07	1.89E-07	8.64E-08	3.90E-08	3.45E-09	8.33E-08	1.84E-08	2.84E-08	4.50E-08	7.93E-09	2.05E-08	2.07E-07
4517	484863.09	3858877.25	3.20E-04	3.70E-04	1.67E-04	1.11E-07	3.35E-07	1.94E-07	2.24E-07	2.03E-07	9.27E-08	4.19E-08	3.70E-09	8.94E-08	1.97E-08	3.04E-08	4.83E-08	8.51E-09	2.20E-08	2.22E-07
4518	485363.09	3858877.25	3.34E-04	3.86E-04	1.75E-04	1.16E-07	3.49E-07	2.02E-07	2.34E-07	2.12E-07	9.67E-08	4.38E-08	3.86E-09	9.33E-08	2.06E-08	3.18E-08	5.04E-08	8.88E-09	2.30E-08	2.32E-07
4519	485863.09	3858877.25	3.44E-04	3.98E-04	1.80E-04	1.19E-07	3.60E-07	2.08E-07	2.41E-07	2.18E-07	9.96E-08	4.52E-08	3.98E-09	9.61E-08	2.12E-08	3.27E-08	5.19E-08	9.14E-09	2.37E-08	2.39E-07
4520	486363.09	3858877.25	3.37E-04	3.90E-04	1.77E-04	1.17E-07	3.53E-07	2.04E-07	2.36E-07	2.14E-07	9.76E-08	4.44E-08	3.90E-09	9.42E-08	2.08E-08	3.21E-08	5.08E-08	8.96E-09	2.33E-08	2.34E-07
4521	486863.09	3858877.25	3.35E-04	3.86E-04	1.78E-04	1.16E-07	3.50E-07	2.03E-07	2.34E-07	2.12E-07	9.68E-08	4.46E-08	3.87E-09	9.35E-08	2.06E-08	3.18E-08	5.04E-08	8.88E-09	2.34E-08	2.33E-07
4522	487363.09	3858877.25	3.69E-04	4.24E-04	2.02E-04	1.28E-07	3.86E-07	2.23E-07	2.57E-07	2.33E-07	1.06E-07	5.07E-08	4.27E-09	1.03E-07	2.28E-08	3.48E-08	5.53E-08	9.74E-09	2.66E-08	2.57E-07
4523	487863.09	3858877.25	3.74E-04	4.31E-04	2.01E-04	1.30E-07	3.91E-07	2.26E-07	2.61E-07	2.37E-07	1.08E-07	5.04E-08	4.33E-09	1.04E-07	2.31E-08	3.54E-08	5.62E-08	9.90E-09	2.64E-08	2.60E-07
4524	488363.09	3858877.25	3.91E-04	4.52E-04	2.09E-04	1.36E-07	4.10E-07	2.37E-07	2.74E-07	2.48E-07	1.13E-07	5.23E-08	4.53E-09	1.09E-07	2.41E-08	3.71E-08	5.89E-08	1.04E-08	2.74E-08	2.72E-07
4525	488863.09	3858877.25	4.08E-04	4.71E-04	2.17E-04	1.42E-07	4.27E-07	2.47E-07	2.86E-07	2.59E-07	1.18E-07	5.44E-08	4.73E-09	1.14E-07	2.52E-08	3.88E-08	6.15E-08	1.08E-08	2.85E-08	2.84E-07
4526	489363.09	3858877.25	3.86E-04	4.46E-04	2.06E-04	1.34E-07	4.04E-07	2.34E-07	2.70E-07	2.45E-07	1.12E-07	5.15E-08	4.47E-09	1.08E-07	2.38E-08	3.66E-08	5.81E-08	1.02E-08	2.70E-08	2.68E-07
4527	489863.09	3858877.25	3.88E-04	4.48E-04	2.07E-04	1.35E-07	4.06E-07	2.35E-07	2.72E-07	2.46E-07	1.12E-07	5.18E-08	4.50E-09	1.09E-07	2.40E-08	3.69E-08	5.85E-08	1.03E-08	2.72E-08	2.70E-07
4528	490363.09	3858877.25	4.13E-04	4.77E-04	2.19E-04	1.43E-07	4.32E-07	2.50E-07	2.89E-07	2.62E-07	1.20E-07	5.49E-08	4.78E-09	1.15E-07	2.55E-08	3.92E-08	6.22E-08	1.10E-08	2.88E-08	2.87E-07
4529	490863.09	3858877.25	4.24E-04	4.90E-04	2.25E-04	1.47E-07	4.44E-07	2.57E-07	2.97E-07	2.69E-07	1.23E-07	5.64E-08	4.91E-09	1.19E-07	2.62E-08	4.03E-08	6.40E-08	1.13E-08	2.96E-08	2.95E-07
4530	491363.09	3858877.25	3.96E-04	4.57E-04	2.10E-04	1.37E-07	4.15E-07	2.40E-07	2.77E-07	2.51E-07	1.15E-07	5.27E-08	4.58E-09	1.11E-07	2.44E-08	3.76E-08	5.97E-08	1.05E-08	2.77E-08	2.75E-07
4531	491863.09	3858877.25	3.10E-04	3.58E-04	1.66E-04	1.08E-07	3.25E-07	1.88E-07	2.17E-07	1.97E-07	8.97E-08	4.15E-08	3.59E-09	8.68E-08	1.91E-08	2.94E-08	4.67E-08	8.23E-09	2.18E-08	2.16E-07
4532	492363.09	3858877.25	3.35E-04	3.86E-04	1.78E-04	1.16E-07	3.50E-07	2.03E-07	2.34E-07	2.12E-07	9.68E-08	4.46E-08	3.87E-09	9.36E-08	2.07E-08	3.18E-08	5.04E-08	8.88E-09	2.34E-08	2.33E-07
4533	492863.09	3858877.25	3.43E-04	3.96E-04	1.82E-04	1.19E-07	3.59E-07	2.08E-07	2.40E-07	2.17E-07	9.91E-08	4.56E-08	3.97E-09	9.58E-08	2.11E-08	3.25E-08	5.16E-08	9.10E-09	2.39E-08	2.38E-07
4534	493363.09	3858877.25	3.18E-04	3.67E-04	1.69E-04	1.10E-07	3.33E-07	1.93E-07	2.22E-07	2.02E-07	9.20E-08	4.23E-08	3.68E-09	8.89E-08	1.96E-08	3.02E-08	4.79E-08	8.44E-09	2.22E-08	2.21E-07
4535	493863.09	3858877.25	2.70E-04	3.11E-04	1.44E-04	9.35E-08	2.82E-07	1.63E-07	1.89E-07	1.71E-07	7.80E-08	3.60E-08	3.12E-09	7.54E-08	1.66E-08	2.56E-08	4.06E-08	7.16E-09	1.89E-08	1.87E-07
4536	494363.09	3858877.25	2.50E-04	2.89E-04	1.33E-04	8.68E-08	2.62E-07	1.52E-07	1.75E-07	1.59E-07	7.24E-08	3.34E-08	2.90E-09	7.00E-08	1.54E-08	2.38E-08	3.77E-08	6.65E-09	1.75E-08	1.74E-07
4537	494863.09	3858877.25	2.25E-04	2.60E-04	1.20E-04	7.80E-08	2.35E-07	1.36E-07	1.57E-07	1.43E-07	6.51E-08	3.00E-08	2.60E-09	6.29E-08	1.39E-08	2.14E-08	3.39E-08	5.97E-09	1.57E-08	1.56E-07
4538	495363.09	3858877.25	2.02E-04	2.33E-04	1.07E-04	7.00E-08	2.11E-07	1.22E-07	1.41E-07	1.28E-07	5.84E-08	2.69E-08	2.34E-09	5.65E-08	1.25E-08	1.92E-08	3.04E-08	5.36E-09	1.41E-08	1.40E-07
4539	495863.09	3858877.25	1.91E-04	2.20E-04	1.02E-04	6.62E-08	2.00E-07	1.16E-07	1.34E-07	1.21E-07	5.52E-08	2.54E-08	2.21E-09	5.34E-08	1.18E-08	1.81E-08	2.88E-08	5.07E-09	1.34E-08	1.33E-07
4540	496363.09	3858877.25	1.88E-04	2.17E-04	9.98E-05	6.50E-08	1.96E-07	1.14E-07	1.31E-07	1.19E-07	5.43E-08	2.50E-08	2.17E-09	5.25E-08	1.16E-08	1.78E-08	2.83E-08	4.98E-09	1.31E-08	1.30E-07
4541	496863.09	3858877.25	1.85E-04	2.13E-04	9.81E-05	6.40E-08	1.93E-07	1.12E-07	1.29E-07	1.17E-07	5.34E-08	2.46E-08	2.14E-09	5.16E-08	1.14E-08	1.75E-08	2.78E-08	4.90E-09	1.29E-08	1.28E-07
4542	497363.09	3858877.25	1.81E-04	2.09E-04	9.61E-05	6.27E-08	1.89E-07	1.10E-07	1.27E-07	1.15E-07	5.24E-08	2.41E-08	2.09E-09	5.06E-08	1.12E-08	1.72E-08	2.73E-08	4.81E-09	1.26E-08	1.26E-07
4543	497863.09	3858877.25	1.99E-04	2.29E-04	1.05E-04	6.89E-08	2.08E-07	1.20E-07	1.39E-07	1.26E-07	5.75E-08	2.64E-08	2.30E-09	5.55E-08	1.23E-08	1.89E-08	2.99E-08	5.28E-09	1.39E-08	1.38E-07
4544	498363.09	3858877.25	2.10E-04	2.43E-04	1.11E-04	7.28E-08	2.20E-07	1.27E-07	1.47E-07	1.33E-07	6.08E-08	2.79E-08	2.43E-09	5.87E-08	1.30E-08	2.00E-08	3.17E-08	5.58E-09	1.46E-08	1.46E-07
4545	471363.09	3859377.25	3.43E-05	3.97E-05	1.81E-05	1.19E-08	3.59E-08	2.08E-08	2.40E-08	2.18E-08	9.94E-09	4.55E-09	3.97E-10	9.60E-09	2.12E-09	3.26E-09	5.17E-09	9.12E-10	2.39E-09	2.38E-08
4546	471863.09	3859377.25	3.66E-05	4.22E-05	1.93E-05	1.27E-08	3.83E-08	2.21E-08	2.56E-08	2.32E-08	1.06E-08	4.84E-09	4.23E-10	1.02E-08	2.25E-09	3.47E-09	5.51E-09	9.71E-10	2.54E-09	2.54E-08
4547	472363.09	3859377.25	3.96E-05	4.57E-05	2.09E-05	1.37E-08	4.14E-08	2.40E-08	2.77E-08	2.51E-08	1.15E-08	5.24E-09	4.58E-10	1.11E-08	2.44E-09	3.76E-09	5.97E-09	1.05E-09	2.75E-09	2.75E-08
4548	472863.09	3859377.25	4.26E-05	4.92E-05	2.25E-05	1.48E-08	4.46E-08	2.58E-08	2.98E-08	2.70E-08	1.23E-08	5.63E-09	4.93E-10	1.19E-08	2.63E-09	4.05E-09	6.42E-09	1.13E-09	2.95E-09	2.96E-08
4549	473363.09	3859377.25	4.59E-05	5.31E-05	2.42E-05	1.59E-08	4.80E-08	2.78E-08	3.21E-08	2.91E-08	1.33E-08	6.06E-09	5.31E-10	1.28E-08	2.83E-09	4.36E-09	6.92E-09	1.22E-09	3.18E-09	3.19E-08
4550	473863.09	3859377.25	4.88E-05	5.64E-05	2.57E-05	1.69E-08	5.11E-08	2.96E-08	3.42E-08	3.10E-08	1.41E-08	6.44E-09	5.65E-10	1.36E-08	3.01E-09	4.64E-09	7.36E-09	1.30E-09	3.38E-09	3.39E-08

4551	474363.09	3859377.25	4.79E-05	5.54E-05	2.53E-05	1.66E-08	5.01E-08	2.90E-08	3.35E-08	3.04E-08	1.39E-08	6.34E-09	5.55E-10	1.34E-08	2.96E-09	4.55E-09	7.22E-09	1.27E-09	3.33E-09	3.33E-08
4552	474863.09	3859377.25	3.80E-05	4.39E-05	2.01E-05	1.32E-08	3.98E-08	2.30E-08	2.66E-08	2.41E-08	1.10E-08	5.04E-09	4.40E-10	1.06E-08	2.34E-09	3.61E-09	5.73E-09	1.01E-09	2.64E-09	2.64E-08
4553	475363.09	3859377.25	2.45E-05	2.83E-05	1.30E-05	8.48E-09	2.56E-08	1.48E-08	1.71E-08	1.55E-08	7.08E-09	3.26E-09	2.83E-10	6.84E-09	1.51E-09	2.32E-09	3.69E-09	6.50E-10	1.71E-09	1.70E-08
4554	475863.09	3859377.25	1.52E-05	1.76E-05	8.20E-06	5.28E-09	1.60E-08	9.24E-09	1.06E-08	9.65E-09	4.40E-09	2.05E-09	1.76E-10	4.26E-09	9.40E-10	1.44E-09	2.29E-09	4.04E-10	1.08E-09	1.06E-08
4555	476363.09	3859377.25	1.38E-05	1.59E-05	7.44E-06	4.78E-09	1.44E-08	8.35E-09	9.62E-09	8.72E-09	3.98E-09	1.87E-09	1.60E-10	3.85E-09	8.50E-10	1.31E-09	2.07E-09	3.65E-10	9.79E-10	9.58E-09
4556	476863.09	3859377.25	1.11E-05	1.28E-05	6.08E-06	3.86E-09	1.17E-08	6.75E-09	7.76E-09	7.04E-09	3.21E-09	1.52E-09	1.29E-10	3.12E-09	6.88E-10	1.05E-09	1.67E-09	2.95E-10	7.99E-10	7.75E-09
4557	477363.09	3859377.25	1.24E-05	1.43E-05	6.73E-06	4.29E-09	1.30E-08	7.50E-09	8.63E-09	7.83E-09	3.57E-09	1.69E-09	1.43E-10	3.46E-09	7.64E-10	1.17E-09	1.86E-09	3.28E-10	8.86E-10	8.61E-09
4558	477863.09	3859377.25	2.53E-05	2.91E-05	1.35E-05	8.75E-09	2.64E-08	1.53E-08	1.77E-08	1.60E-08	7.30E-09	3.37E-09	2.92E-10	7.06E-09	1.56E-09	2.40E-09	3.80E-09	6.70E-10	1.77E-09	1.76E-08
4559	478363.09	3859377.25	4.38E-05	5.06E-05	2.32E-05	1.52E-08	4.59E-08	2.65E-08	3.07E-08	2.78E-08	1.27E-08	5.81E-09	5.07E-10	1.23E-08	2.70E-09	4.16E-09	6.61E-09	1.16E-09	3.05E-09	3.04E-08
4560	478863.09	3859377.25	7.50E-05	8.67E-05	3.96E-05	2.60E-08	7.85E-08	4.54E-08	5.25E-08	4.76E-08	2.17E-08	9.91E-09	8.68E-10	2.10E-08	4.63E-09	7.13E-09	1.13E-08	1.99E-09	5.20E-09	5.21E-08
4561	479363.09	3859377.25	1.02E-04	1.18E-04	5.38E-05	3.54E-08	1.07E-07	6.19E-08	7.16E-08	6.49E-08	2.96E-08	1.35E-08	1.18E-09	2.86E-08	6.31E-09	9.72E-09	1.54E-08	2.72E-09	7.07E-09	7.10E-08
4562	479863.09	3859377.25	1.21E-04	1.40E-04	6.34E-05	4.19E-08	1.26E-07	7.32E-08	8.46E-08	7.67E-08	3.50E-08	1.59E-08	1.40E-09	3.38E-08	7.45E-09	1.15E-08	1.82E-08	3.21E-09	8.34E-09	8.39E-08
4563	480363.09	3859377.25	1.34E-04	1.55E-04	7.01E-05	4.64E-08	1.40E-07	8.10E-08	9.37E-08	8.50E-08	3.88E-08	1.76E-08	1.55E-09	3.74E-08	8.25E-09	1.27E-08	2.02E-08	3.56E-09	9.21E-09	9.29E-08
4564	480863.09	3859377.25	1.45E-04	1.68E-04	7.62E-05	5.04E-08	1.52E-07	8.81E-08	1.02E-07	9.24E-08	4.22E-08	1.91E-08	1.68E-09	4.07E-08	8.97E-09	1.38E-08	2.20E-08	3.87E-09	1.00E-08	1.01E-07
4565	481363.09	3859377.25	1.59E-04	1.84E-04	8.33E-05	5.51E-08	1.67E-07	9.64E-08	1.12E-07	1.01E-07	4.61E-08	2.09E-08	1.84E-09	4.45E-08	9.82E-09	1.51E-08	2.40E-08	4.23E-09	1.10E-08	1.10E-07
4566	481863.09	3859377.25	1.74E-04	2.01E-04	9.09E-05	6.02E-08	1.82E-07	1.05E-07	1.22E-07	1.10E-07	5.03E-08	2.28E-08	2.01E-09	4.85E-08	1.07E-08	1.65E-08	2.62E-08	4.62E-09	1.20E-08	1.21E-07
4567	482363.09	3859377.25	1.90E-04	2.20E-04	9.94E-05	6.58E-08	1.99E-07	1.15E-07	1.33E-07	1.21E-07	5.51E-08	2.49E-08	2.20E-09	5.31E-08	1.17E-08	1.81E-08	2.87E-08	5.05E-09	1.31E-08	1.32E-07
4568	482863.09	3859377.25	2.05E-04	2.38E-04	1.08E-04	7.12E-08	2.15E-07	1.24E-07	1.44E-07	1.31E-07	5.96E-08	2.69E-08	2.38E-09	5.74E-08	1.27E-08	1.96E-08	3.10E-08	5.47E-09	1.41E-08	1.43E-07
4569	483363.09	3859377.25	2.18E-04	2.52E-04	1.14E-04	7.55E-08	2.28E-07	1.32E-07	1.53E-07	1.38E-07	6.32E-08	2.86E-08	2.52E-09	6.09E-08	1.34E-08	2.07E-08	3.29E-08	5.80E-09	1.50E-08	1.51E-07
4570	483863.09	3859377.25	2.25E-04	2.60E-04	1.18E-04	7.79E-08	2.35E-07	1.36E-07	1.58E-07	1.43E-07	6.52E-08	2.95E-08	2.60E-09	6.28E-08	1.39E-08	2.14E-08	3.39E-08	5.98E-09	1.55E-08	1.56E-07
4571	484363.09	3859377.25	2.40E-04	2.78E-04	1.26E-04	8.33E-08	2.52E-07	1.46E-07	1.69E-07	1.53E-07	6.97E-08	3.16E-08	2.78E-09	6.72E-08	1.48E-08	2.29E-08	3.63E-08	6.40E-09	1.66E-08	1.67E-07
4572	484863.09	3859377.25	2.54E-04	2.94E-04	1.33E-04	8.81E-08	2.66E-07	1.54E-07	1.78E-07	1.62E-07	7.37E-08	3.34E-08	2.94E-09	7.11E-08	1.57E-08	2.42E-08	3.84E-08	6.77E-09	1.75E-08	1.77E-07
4573	485363.09	3859377.25	2.56E-04	2.96E-04	1.34E-04	8.87E-08	2.68E-07	1.55E-07	1.79E-07	1.63E-07	7.42E-08	3.36E-08	2.96E-09	7.16E-08	1.58E-08	2.44E-08	3.86E-08	6.81E-09	1.77E-08	1.78E-07
4574	485863.09	3859377.25	2.53E-04	2.92E-04	1.33E-04	8.76E-08	2.65E-07	1.53E-07	1.77E-07	1.61E-07	7.33E-08	3.33E-08	2.93E-09	7.07E-08	1.56E-08	2.40E-08	3.81E-08	6.72E-09	1.75E-08	1.76E-07
4575	486363.09	3859377.25	2.51E-04	2.91E-04	1.32E-04	8.72E-08	2.63E-07	1.52E-07	1.76E-07	1.60E-07	7.28E-08	3.32E-08	2.91E-09	7.03E-08	1.55E-08	2.39E-08	3.79E-08	6.69E-09	1.74E-08	1.75E-07
4576	486863.09	3859377.25	2.46E-04	2.84E-04	1.30E-04	8.52E-08	2.57E-07	1.49E-07	1.72E-07	1.56E-07	7.12E-08	3.26E-08	2.85E-09	6.87E-08	1.52E-08	2.34E-08	3.71E-08	6.53E-09	1.71E-08	1.71E-07
4577	487363.09	3859377.25	2.57E-04	2.96E-04	1.37E-04	8.90E-08	2.69E-07	1.55E-07	1.79E-07	1.63E-07	7.42E-08	3.43E-08	2.97E-09	7.18E-08	1.58E-08	2.44E-08	3.86E-08	6.81E-09	1.80E-08	1.78E-07
4578	487863.09	3859377.25	2.68E-04	3.09E-04	1.44E-04	9.29E-08	2.80E-07	1.62E-07	1.87E-07	1.70E-07	7.74E-08	3.60E-08	3.10E-09	7.49E-08	1.65E-08	2.54E-08	4.03E-08	7.11E-09	1.89E-08	1.86E-07
4579	488363.09	3859377.25	2.87E-04	3.31E-04	1.57E-04	9.96E-08	3.01E-07	1.74E-07	2.00E-07	1.81E-07	8.28E-08	3.93E-08	3.33E-09	8.03E-08	1.77E-08	2.72E-08	4.31E-08	7.60E-09	2.06E-08	2.00E-07
4580	488863.09	3859377.25	3.02E-04	3.47E-04	1.66E-04	1.05E-07	3.16E-07	1.83E-07	2.10E-07	1.91E-07	8.70E-08	4.15E-08	3.50E-09	8.45E-08	1.86E-08	2.86E-08	4.53E-08	7.98E-09	2.18E-08	2.10E-07
4581	489363.09	3859377.25	3.10E-04	3.57E-04	1.68E-04	1.08E-07	3.25E-07	1.88E-07	2.16E-07	1.96E-07	8.95E-08	4.20E-08	3.59E-09	8.67E-08	1.91E-08	2.94E-08	4.66E-08	8.22E-09	2.20E-08	2.16E-07
4582	489863.09	3859377.25	2.90E-04	3.35E-04	1.56E-04	1.01E-07	3.04E-07	1.76E-07	2.03E-07	1.84E-07	8.38E-08	3.90E-08	3.36E-09	8.11E-08	1.79E-08	2.75E-08	4.37E-08	7.69E-09	2.05E-08	2.02E-07
4583	490363.09	3859377.25	2.83E-04	3.26E-04	1.51E-04	9.80E-08	2.96E-07	1.71E-07	1.98E-07	1.79E-07	8.17E-08	3.78E-08	3.27E-09	7.90E-08	1.74E-08	2.68E-08	4.26E-08	7.50E-09	1.98E-08	1.97E-07
4584	490863.09	3859377.25	2.95E-04	3.40E-04	1.57E-04	1.02E-07	3.09E-07	1.79E-07	2.06E-07	1.87E-07	8.53E-08	3.93E-08	3.41E-09	8.24E-08	1.82E-08	2.80E-08	4.44E-08	7.83E-09	2.06E-08	2.05E-07
4585	491363.09	3859377.25	2.95E-04	3.40E-04	1.57E-04	1.02E-07	3.08E-07	1.79E-07	2.06E-07	1.87E-07	8.53E-08	3.92E-08	3.41E-09	8.24E-08	1.82E-08	2.80E-08	4.44E-08	7.83E-09	2.06E-08	2.05E-07
4586	491863.09	3859377.25	3.11E-04	3.60E-04	1.65E-04	1.08E-07	3.26E-07	1.89E-07	2.18E-07	1.97E-07	9.01E-08	4.13E-08	3.60E-09	8.70E-08	1.92E-08	2.96E-08	4.69E-08	8.27E-09	2.17E-08	2.16E-07
4587	492363.09	3859377.25	3.04E-04	3.51E-04	1.61E-04	1.05E-07	3.18E-07	1.84E-07	2.13E-07	1.93E-07	8.79E-08	4.03E-08	3.51E-09	8.49E-08	1.87E-08	2.89E-08	4.58E-08	8.07E-09	2.11E-08	2.11E-07
4588	492863.09	3859377.25	2.91E-04	3.37E-04	1.54E-04	1.01E-07	3.05E-07	1.77E-07	2.04E-07	1.85E-07	8.44E-08	3.86E-08	3.37E-09	8.15E-08	1.80E-08	2.77E-08	4.39E-08	7.74E-09	2.03E-08	2.02E-07
4589	493363.09	3859377.25	2.75E-04	3.17E-04	1.45E-04	9.51E-08	2.87E-07	1.66E-07	1.92E-07	1.74E-07	7.94E-08	3.64E-08	3.18E-09	7.67E-08	1.69E-08	2.61E-08	4.14E-08	7.29E-09	1.91E-08	1.91E-07
4590	493863.09	3859377.25	2.64E-04	3.05E-04	1.40E-04	9.14E-08	2.76E-07	1.60E-07	1.85E-07	1.67E-07	7.63E-08	3.50E-08	3.05E-09	7.37E-08	1.63E-08	2.51E-08	3.97E-08	7.00E-09	1.84E-08	1.83E-07
4591	494363.09	3859377.25	2.51E-04	2.90E-04	1.33E-04	8.69E-08	2.62E-07	1.52E-07	1.75E-07	1.59E-07	7.26E-08	3.33E-08	2.90E-09	7.01E-08	1.55E-08	2.38E-08	3.78E-08	6.66E-09	1.75E-08	1.74E-07
4592	494863.09	3859377.25	2.27E-04	2.62E-04	1.20E-04	7.87E-08	2.38E-07	1.38E-07	1.59E-07	1.44E-07	6.57E-08	3.02E-08	2.63E-09	6.35E-08	1.40E-08	2.16E-08	3.42E-08	6.03E-09	1.58E-08	1.58E-07
4593	495363.09	3859377.25	2.17E-04	2.51E-04	1.15E-04	7.52E-08	2.27E-07	1.32E-07	1.52E-07	1.38E-07	6.28E-08	2.89E-08	2.51E-09	6.07E-08	1.34E-08	2.06E-08	3.27E-08	5.76E-09	1.51E-08	1.51E-07
4594	495863.09	3859377.25	2.04E-04	2.35E-04	1.08E-04	7.05E-08	2.13E-07	1.23E-07	1.42E-07	1.29E-07	5.89E-08	2.71E-08	2.36E-09	5.69E-08	1.26E-08	1.93E-08	3.07E-08	5.40E-09	1.42E-08	1.41E-07
4595	496363.09	3859377.25	2.01E-04	2.32E-04	1.07E-04	6.97E-08	2.10E-07	1.22E-07	1.41E-07	1.27E-07	5.82E-08	2.67E-08	2.33E-09	5.62E-08	1.24E-08	1.91E-08	3.03E-08	5.34E-09	1.40E-08	1.40E-07
4596	496863.09	3859377.25	1.85E-04	2.13E-04	9.79E-05	6.40E-08	1.93E-07	1.12E-07	1.29E-07	1.17E-07	5.34E-08	2.45E-08	2.14E-09	5.16E-08	1.14E-08	1.75E-08	2.78E-08	4.90E-09	1.29E-08	1.28E-07
4597	497363.09	3859377.25	1.89E-04	2.18E-04	1.00E-04	6.55E-08	1.98E-07	1.14E-07	1.32E-07	1.20E-07	5.47E-08	2.51E-08	2.19E-09	5.28E-08	1.17E-08	1.79E-08	2.85E-08	5.02E-09	1.32E-08	1.31E-07
4598	497863.09	3859377.25	1.96E-04	2.27E-04	1.04E-04	6.80E-08	2.05E-07	1.19E-07	1.37E-07	1.24E-07	5.68E-08	2.60E-08	2.27E-09	5.48E-08	1.21E-08	1.86E-08	2.96E-08	5.21E-09	1.37E-08	1.36E-07
4599	498363.09	3859377.25	1.96E-04	2.26E-04	1.04E-04	6.79E-08	2.05E-07	1.19E-07	1.37E-07	1.24E-07	5.67E-08	2.60E-08	2.27E-09	5.48E-08	1.21E-08	1.86E-08	2.95E-08	5.21E-09	1.36E-08	1.36E-07
4600	471363.09	3859877.25	3.58E-05	4.14E-05	1.89E-05	1.24E-08	3.74E-08	2.17E-08	2.51E-08	2.27E-08	1.04E-08	4.73E-09	4.14E-10	1.00E-08	2.21E-09	3.40E-09	5.40E-09	9.51E-10	2.48E-09	2.49E-08
4601	471863.09	3859877.25	3.81E-05	4.41E-05	2.01E-05	1.32E-08	3.99E-08	2.31E-08	2.67E-08	2.42E-08	1.10E-08	5.04E-09	4.41E-10	1.07E-08	2.35E-09	3.63E-09	5.75E-09	1.01E-09	2.64E-09	2.65E-08
4602	472363.09	3859877.25	4.05E-05	4.68E-05	2.13E-05	1.40E-08	4.24E-08	2.45E-08	2.83E-08	2.57E-08	1.17E-08	5.34E-09	4.68E-10	1.13E-08	2.50E-09	3.85E-09	6.10E-09	1.08E-09	2.80E-09	2.81E-08
4603	472863.09	3859877.25	4.33E-05	5.01E-05	2.28E-05	1.50E-08	4.54E-08	2.63E-08	3.04E-08	2.75E-08	1.26E-08	5.72E-09	5.02E-10	1.21E-08	2.67E-09	4.12E-09	6.54E-09	1.15E-09	3.00E-09	3.01E-08

4604	473363.09	3859877.25	4.63E-05	5.35E-05	2.43E-05	1.60E-08	4.84E-08	2.80E-08	3.24E-08	2.94E-08	1.34E-08	6.10E-09	5.35E-10	1.29E-08	2.85E-09	4.40E-09	6.98E-09	1.23E-09	3.20E-09	3.21E-08
4605	473863.09	3859877.25	4.92E-05	5.69E-05	2.59E-05	1.70E-08	5.15E-08	2.98E-08	3.45E-08	3.12E-08	1.42E-08	6.48E-09	5.69E-10	1.37E-08	3.03E-09	4.68E-09	7.42E-09	1.31E-09	3.40E-09	3.42E-08
4606	474363.09	3859877.25	4.99E-05	5.77E-05	2.63E-05	1.73E-08	5.22E-08	3.02E-08	3.49E-08	3.17E-08	1.45E-08	6.60E-09	5.78E-10	1.40E-08	3.08E-09	4.74E-09	7.53E-09	1.33E-09	3.46E-09	3.47E-08
4607	474863.09	3859877.25	4.70E-05	5.43E-05	2.48E-05	1.63E-08	4.92E-08	2.85E-08	3.29E-08	2.98E-08	1.36E-08	6.22E-09	5.44E-10	1.31E-08	2.90E-09	4.47E-09	7.09E-09	1.25E-09	3.27E-09	3.27E-08
4608	475363.09	3859877.25	3.10E-05	3.58E-05	1.64E-05	1.07E-08	3.24E-08	1.88E-08	2.17E-08	1.97E-08	8.97E-09	4.11E-09	3.59E-10	8.67E-09	1.91E-09	2.95E-09	4.67E-09	8.24E-10	2.16E-09	2.15E-08
4609	475863.09	3859877.25	1.50E-05	1.73E-05	8.06E-06	5.20E-09	1.57E-08	9.09E-09	1.05E-08	9.50E-09	4.33E-09	2.02E-09	1.74E-10	4.20E-09	9.26E-10	1.42E-09	2.26E-09	3.98E-10	1.06E-09	1.04E-08
4610	476363.09	3859877.25	8.82E-06	1.01E-05	4.84E-06	3.06E-09	9.23E-09	5.34E-09	6.13E-09	5.56E-09	2.54E-09	1.21E-09	1.02E-10	2.46E-09	5.44E-10	8.33E-10	1.32E-09	2.33E-10	6.37E-10	6.13E-09
4611	476863.09	3859877.25	1.04E-05	1.20E-05	5.69E-06	3.61E-09	1.09E-08	6.31E-09	7.25E-09	6.57E-09	3.00E-09	1.43E-09	1.20E-10	2.91E-09	6.42E-10	9.84E-10	1.56E-09	2.75E-10	7.48E-10	7.24E-09
4612	477363.09	3859877.25	1.14E-05	1.32E-05	6.25E-06	3.96E-09	1.20E-08	6.93E-09	7.97E-09	7.22E-09	3.30E-09	1.56E-09	1.32E-10	3.20E-09	7.06E-10	1.08E-09	1.72E-09	3.02E-10	8.21E-10	7.96E-09
4613	477863.09	3859877.25	2.24E-05	2.58E-05	1.20E-05	7.76E-09	2.34E-08	1.36E-08	1.57E-08	1.42E-08	6.47E-09	3.00E-09	2.59E-10	6.26E-09	1.38E-09	2.13E-09	3.37E-09	5.94E-10	1.58E-09	1.56E-08
4614	478363.09	3859877.25	4.39E-05	5.07E-05	2.33E-05	1.52E-08	4.60E-08	2.66E-08	3.07E-08	2.79E-08	1.27E-08	5.84E-09	5.09E-10	1.23E-08	2.71E-09	4.17E-09	6.62E-09	1.17E-09	3.06E-09	3.05E-08
4615	478863.09	3859877.25	7.24E-05	8.36E-05	3.83E-05	2.51E-08	7.57E-08	4.38E-08	5.06E-08	4.59E-08	2.09E-08	9.59E-09	8.37E-10	2.02E-08	4.46E-09	6.88E-09	1.09E-08	1.92E-09	5.03E-09	5.03E-08
4616	479363.09	3859877.25	9.70E-05	1.12E-04	5.11E-05	3.36E-08	1.01E-07	5.87E-08	6.79E-08	6.15E-08	2.81E-08	1.28E-08	1.12E-09	2.71E-08	5.98E-09	9.22E-09	1.46E-08	2.58E-09	6.72E-09	6.74E-08
4617	479863.09	3859877.25	1.10E-04	1.27E-04	5.76E-05	3.80E-08	1.15E-07	6.64E-08	7.68E-08	6.96E-08	3.18E-08	1.44E-08	1.27E-09	3.06E-08	6.76E-09	1.04E-08	1.65E-08	2.92E-09	7.58E-09	7.61E-08
4618	480363.09	3859877.25	1.19E-04	1.38E-04	6.26E-05	4.14E-08	1.25E-07	7.23E-08	8.36E-08	7.58E-08	3.46E-08	1.57E-08	1.38E-09	3.34E-08	7.36E-09	1.14E-08	1.80E-08	3.17E-09	8.23E-09	8.29E-08
4619	480863.09	3859877.25	1.29E-04	1.49E-04	6.77E-05	4.47E-08	1.35E-07	7.82E-08	9.05E-08	8.20E-08	3.74E-08	1.70E-08	1.49E-09	3.61E-08	7.96E-09	1.23E-08	1.95E-08	3.43E-09	8.90E-09	8.96E-08
4620	481363.09	3859877.25	1.38E-04	1.59E-04	7.22E-05	4.78E-08	1.44E-07	8.35E-08	9.66E-08	8.75E-08	3.99E-08	1.81E-08	1.59E-09	3.85E-08	8.50E-09	1.31E-08	2.08E-08	3.67E-09	9.50E-09	9.57E-08
4621	481863.09	3859877.25	1.48E-04	1.71E-04	7.74E-05	5.12E-08	1.54E-07	8.94E-08	1.03E-07	9.38E-08	4.28E-08	1.94E-08	1.71E-09	4.13E-08	9.10E-09	1.40E-08	2.23E-08	3.93E-09	1.02E-08	1.02E-07
4622	482363.09	3859877.25	1.61E-04	1.86E-04	8.42E-05	5.57E-08	1.68E-07	9.73E-08	1.13E-07	1.02E-07	4.66E-08	2.11E-08	1.86E-09	4.49E-08	9.91E-09	1.53E-08	2.42E-08	4.27E-09	1.11E-08	1.12E-07
4623	482863.09	3859877.25	1.74E-04	2.02E-04	9.13E-05	6.04E-08	1.82E-07	1.06E-07	1.22E-07	1.11E-07	5.05E-08	2.29E-08	2.02E-09	4.87E-08	1.08E-08	1.66E-08	2.63E-08	4.64E-09	1.20E-08	1.21E-07
4624	483363.09	3859877.25	1.88E-04	2.17E-04	9.82E-05	6.50E-08	1.96E-07	1.14E-07	1.31E-07	1.19E-07	5.44E-08	2.46E-08	2.17E-09	5.24E-08	1.16E-08	1.78E-08	2.83E-08	4.99E-09	1.29E-08	1.30E-07
4625	483863.09	3859877.25	1.91E-04	2.21E-04	9.99E-05	6.61E-08	2.00E-07	1.16E-07	1.34E-07	1.21E-07	5.53E-08	2.50E-08	2.21E-09	5.33E-08	1.18E-08	1.81E-08	2.88E-08	5.07E-09	1.31E-08	1.32E-07
4626	484363.09	3859877.25	1.99E-04	2.30E-04	1.04E-04	6.88E-08	2.08E-07	1.20E-07	1.39E-07	1.26E-07	5.75E-08	2.61E-08	2.30E-09	5.55E-08	1.22E-08	1.89E-08	3.00E-08	5.28E-09	1.37E-08	1.38E-07
4627	484863.09	3859877.25	2.04E-04	2.36E-04	1.07E-04	7.06E-08	2.13E-07	1.23E-07	1.43E-07	1.29E-07	5.90E-08	2.68E-08	2.36E-09	5.69E-08	1.26E-08	1.94E-08	3.07E-08	5.42E-09	1.40E-08	1.41E-07
4628	485363.09	3859877.25	2.01E-04	2.33E-04	1.06E-04	6.97E-08	2.11E-07	1.22E-07	1.41E-07	1.28E-07	5.83E-08	2.65E-08	2.33E-09	5.63E-08	1.24E-08	1.91E-08	3.04E-08	5.35E-09	1.39E-08	1.40E-07
4629	485863.09	3859877.25	1.97E-04	2.28E-04	1.03E-04	6.82E-08	2.06E-07	1.19E-07	1.38E-07	1.25E-07	5.70E-08	2.59E-08	2.28E-09	5.50E-08	1.21E-08	1.87E-08	2.97E-08	5.23E-09	1.36E-08	1.37E-07
4630	486363.09	3859877.25	1.95E-04	2.26E-04	1.03E-04	6.76E-08	2.04E-07	1.18E-07	1.37E-07	1.24E-07	5.65E-08	2.57E-08	2.26E-09	5.45E-08	1.20E-08	1.85E-08	2.94E-08	5.19E-09	1.35E-08	1.35E-07
4631	486863.09	3859877.25	1.94E-04	2.24E-04	1.02E-04	6.71E-08	2.03E-07	1.17E-07	1.36E-07	1.23E-07	5.61E-08	2.56E-08	2.24E-09	5.41E-08	1.19E-08	1.84E-08	2.92E-08	5.15E-09	1.34E-08	1.35E-07
4632	487363.09	3859877.25	1.97E-04	2.27E-04	1.04E-04	6.82E-08	2.06E-07	1.19E-07	1.38E-07	1.25E-07	5.69E-08	2.61E-08	2.28E-09	5.50E-08	1.21E-08	1.87E-08	2.96E-08	5.23E-09	1.37E-08	1.37E-07
4633	487863.09	3859877.25	2.08E-04	2.40E-04	1.12E-04	7.22E-08	2.18E-07	1.26E-07	1.46E-07	1.32E-07	6.02E-08	2.81E-08	2.41E-09	5.83E-08	1.29E-08	1.98E-08	3.13E-08	5.52E-09	1.47E-08	1.45E-07
4634	488363.09	3859877.25	2.20E-04	2.53E-04	1.21E-04	7.62E-08	2.30E-07	1.33E-07	1.53E-07	1.39E-07	6.33E-08	3.03E-08	2.55E-09	6.15E-08	1.36E-08	2.08E-08	3.30E-08	5.81E-09	1.59E-08	1.53E-07
4635	488863.09	3859877.25	2.40E-04	2.74E-04	1.37E-04	8.33E-08	2.51E-07	1.46E-07	1.66E-07	1.51E-07	6.87E-08	3.43E-08	2.78E-09	6.72E-08	1.48E-08	2.26E-08	3.58E-08	6.31E-09	1.80E-08	1.67E-07
4636	489363.09	3859877.25	2.35E-04	2.70E-04	1.29E-04	8.15E-08	2.46E-07	1.43E-07	1.64E-07	1.48E-07	6.77E-08	3.23E-08	2.72E-09	6.58E-08	1.45E-08	2.22E-08	3.53E-08	6.22E-09	1.69E-08	1.64E-07
4637	489863.09	3859877.25	2.40E-04	2.76E-04	1.29E-04	8.31E-08	2.51E-07	1.45E-07	1.67E-07	1.52E-07	6.93E-08	3.23E-08	2.78E-09	6.71E-08	1.48E-08	2.27E-08	3.61E-08	6.36E-09	1.69E-08	1.67E-07
4638	490363.09	3859877.25	2.24E-04	2.59E-04	1.20E-04	7.77E-08	2.35E-07	1.36E-07	1.57E-07	1.42E-07	6.48E-08	3.00E-08	2.59E-09	6.27E-08	1.38E-08	2.13E-08	3.37E-08	5.95E-09	1.57E-08	1.56E-07
4639	490863.09	3859877.25	2.16E-04	2.50E-04	1.15E-04	7.50E-08	2.26E-07	1.31E-07	1.51E-07	1.37E-07	6.26E-08	2.88E-08	2.50E-09	6.05E-08	1.33E-08	2.05E-08	3.26E-08	5.74E-09	1.51E-08	1.50E-07
4640	491363.09	3859877.25	2.17E-04	2.50E-04	1.15E-04	7.50E-08	2.27E-07	1.31E-07	1.51E-07	1.37E-07	6.26E-08	2.88E-08	2.51E-09	6.05E-08	1.34E-08	2.06E-08	3.26E-08	5.75E-09	1.51E-08	1.50E-07
4641	491863.09	3859877.25	2.26E-04	2.61E-04	1.20E-04	7.84E-08	2.37E-07	1.37E-07	1.58E-07	1.44E-07	6.55E-08	3.00E-08	2.62E-09	6.33E-08	1.40E-08	2.15E-08	3.41E-08	6.01E-09	1.58E-08	1.57E-07
4642	492363.09	3859877.25	2.37E-04	2.74E-04	1.25E-04	8.22E-08	2.48E-07	1.44E-07	1.66E-07	1.50E-07	6.87E-08	3.14E-08	2.74E-09	6.63E-08	1.46E-08	2.25E-08	3.58E-08	6.30E-09	1.65E-08	1.65E-07
4643	492863.09	3859877.25	2.42E-04	2.79E-04	1.28E-04	8.38E-08	2.53E-07	1.46E-07	1.69E-07	1.53E-07	7.00E-08	3.20E-08	2.80E-09	6.76E-08	1.49E-08	2.30E-08	3.64E-08	6.42E-09	1.68E-08	1.68E-07
4644	493363.09	3859877.25	2.37E-04	2.74E-04	1.25E-04	8.22E-08	2.48E-07	1.44E-07	1.66E-07	1.51E-07	6.87E-08	3.14E-08	2.74E-09	6.63E-08	1.46E-08	2.25E-08	3.58E-08	6.30E-09	1.65E-08	1.65E-07
4645	493863.09	3859877.25	2.29E-04	2.65E-04	1.21E-04	7.94E-08	2.40E-07	1.39E-07	1.60E-07	1.45E-07	6.63E-08	3.03E-08	2.65E-09	6.40E-08	1.41E-08	2.18E-08	3.45E-08	6.09E-09	1.59E-08	1.59E-07
4646	494363.09	3859877.25	2.19E-04	2.53E-04	1.16E-04	7.59E-08	2.29E-07	1.33E-07	1.53E-07	1.39E-07	6.34E-08	2.90E-08	2.53E-09	6.12E-08	1.35E-08	2.08E-08	3.30E-08	5.82E-09	1.52E-08	1.52E-07
4647	494863.09	3859877.25	2.11E-04	2.44E-04	1.12E-04	7.32E-08	2.21E-07	1.28E-07	1.48E-07	1.34E-07	6.11E-08	2.79E-08	2.44E-09	5.90E-08	1.30E-08	2.01E-08	3.18E-08	5.61E-09	1.47E-08	1.47E-07
4648	495363.09	3859877.25	2.04E-04	2.35E-04	1.08E-04	7.06E-08	2.13E-07	1.23E-07	1.43E-07	1.29E-07	5.90E-08	2.70E-08	2.36E-09	5.70E-08	1.26E-08	1.94E-08	3.07E-08	5.41E-09	1.42E-08	1.42E-07
4649	495863.09	3859877.25	1.96E-04	2.27E-04	1.04E-04	6.80E-08	2.05E-07	1.19E-07	1.37E-07	1.25E-07	5.68E-08	2.60E-08	2.27E-09	5.49E-08	1.21E-08	1.87E-08	2.96E-08	5.22E-09	1.37E-08	1.36E-07
4650	496363.09	3859877.25	1.84E-04	2.13E-04	9.76E-05	6.39E-08	1.93E-07	1.12E-07	1.29E-07	1.17E-07	5.33E-08	2.45E-08	2.13E-09	5.15E-08	1.14E-08	1.75E-08	2.78E-08	4.90E-09	1.28E-08	1.28E-07
4651	496863.09	3859877.25	1.49E-04	1.73E-04	7.92E-05	5.18E-08	1.56E-07	9.05E-08	1.05E-07	9.47E-08	4.32E-08	1.98E-08	1.73E-09	4.18E-08	9.21E-09	1.42E-08	2.25E-08	3.97E-09	1.04E-08	1.04E-07
4652	497363.09	3859877.25	1.69E-04	1.95E-04	8.96E-05	5.86E-08	1.77E-07	1.03E-07	1.18E-07	1.07E-07	4.90E-08	2.24E-08	1.96E-09	4.73E-08	1.04E-08	1.61E-08	2.55E-08	4.49E-09	1.18E-08	1.18E-07
4653	497863.09	3859877.25	1.75E-04	2.02E-04	9.26E-05	6.07E-08	1.83E-07	1.06E-07	1.23E-07	1.11E-07	5.07E-08	2.32E-08	2.03E-09	4.90E-08	1.08E-08	1.66E-08	2.64E-08	4.65E-09	1.22E-08	1.22E-07
4654	498363.09	3859877.25	1.73E-04	2.00E-04	9.16E-05	6.01E-08	1.81E-07	1.05E-07	1.21E-07	1.10E-07	5.02E-08	2.30E-08	2.01E-09	4.85E-08	1.07E-08	1.65E-08	2.61E-08	4.60E-09	1.20E-08	1.20E-07
4655	471363.09	3860377.25	3.66E-05	4.24E-05	1.93E-05	1.27E-08	3.83E-08	2.22E-08	2.57E-08	2.33E-08	1.06E-08	4.84E-09	4.24E-10	1.02E-08	2.26E-09	3.48E-09	5.53E-09	9.74E-10	2.54E-09	2.55E-08
4656	471863.09	3860377.25	3.88E-05	4.48E-05	2.04E-05	1.34E-08	4.06E-08	2.35E-08	2.72E-08	2.46E-08	1.12E-08	5.12E-09	4.49E-10	1.08E-08	2.39E-09	3.69E-09	5.85E-09	1.03E-09	2.69E-09	2.69E-08

4657	472363.09	3860377.25	4.12E-05	4.76E-05	2.17E-05	1.43E-08	4.31E-08	2.49E-08	2.88E-08	2.61E-08	1.19E-08	5.43E-09	4.76E-10	1.15E-08	2.54E-09	3.91E-09	6.21E-09	1.09E-09	2.85E-09	2.86E-08
4658	472863.09	3860377.25	4.38E-05	5.06E-05	2.30E-05	1.52E-08	4.58E-08	2.65E-08	3.07E-08	2.78E-08	1.27E-08	5.77E-09	5.07E-10	1.22E-08	2.70E-09	4.16E-09	6.61E-09	1.16E-09	3.03E-09	3.04E-08
4659	473363.09	3860377.25	4.67E-05	5.41E-05	2.46E-05	1.62E-08	4.89E-08	2.83E-08	3.27E-08	2.97E-08	1.35E-08	6.16E-09	5.41E-10	1.31E-08	2.88E-09	4.45E-09	7.05E-09	1.24E-09	3.23E-09	3.25E-08
4660	473863.09	3860377.25	5.03E-05	5.81E-05	2.64E-05	1.74E-08	5.26E-08	3.05E-08	3.52E-08	3.19E-08	1.46E-08	6.62E-09	5.82E-10	1.41E-08	3.10E-09	4.78E-09	7.58E-09	1.34E-09	3.48E-09	3.49E-08
4661	474363.09	3860377.25	5.38E-05	6.23E-05	2.83E-05	1.87E-08	5.63E-08	3.26E-08	3.77E-08	3.42E-08	1.56E-08	7.09E-09	6.23E-10	1.51E-08	3.32E-09	5.12E-09	8.12E-09	1.43E-09	3.72E-09	3.74E-08
4662	474863.09	3860377.25	5.64E-05	6.52E-05	2.98E-05	1.95E-08	5.90E-08	3.42E-08	3.95E-08	3.58E-08	1.63E-08	7.46E-09	6.53E-10	1.58E-08	3.48E-09	5.36E-09	8.50E-09	1.50E-09	3.91E-09	3.92E-08
4663	475363.09	3860377.25	5.37E-05	6.20E-05	2.84E-05	1.86E-08	5.62E-08	3.25E-08	3.76E-08	3.41E-08	1.55E-08	7.12E-09	6.22E-10	1.50E-08	3.31E-09	5.10E-09	8.09E-09	1.43E-09	3.74E-09	3.73E-08
4664	475863.09	3860377.25	4.64E-05	5.36E-05	2.46E-05	1.61E-08	4.86E-08	2.81E-08	3.25E-08	2.95E-08	1.34E-08	6.16E-09	5.37E-10	1.30E-08	2.86E-09	4.41E-09	7.00E-09	1.23E-09	3.23E-09	3.23E-08
4665	476363.09	3860377.25	3.61E-05	4.16E-05	1.91E-05	1.25E-08	3.77E-08	2.18E-08	2.52E-08	2.29E-08	1.04E-08	4.79E-09	4.17E-10	1.01E-08	2.22E-09	3.42E-09	5.43E-09	9.58E-10	2.51E-09	2.51E-08
4666	476863.09	3860377.25	3.20E-05	3.69E-05	1.70E-05	1.11E-08	3.34E-08	1.94E-08	2.24E-08	2.03E-08	9.25E-09	4.25E-09	3.70E-10	8.93E-09	1.97E-09	3.03E-09	4.81E-09	8.48E-10	2.23E-09	2.22E-08
4667	477363.09	3860377.25	1.83E-05	2.11E-05	9.86E-06	6.35E-09	1.92E-08	1.11E-08	1.28E-08	1.16E-08	5.29E-09	2.47E-09	2.12E-10	5.12E-09	1.13E-09	1.74E-09	2.75E-09	4.85E-10	1.30E-09	1.27E-08
4668	477863.09	3860377.25	2.42E-05	2.80E-05	1.30E-05	8.40E-09	2.54E-08	1.47E-08	1.69E-08	1.54E-08	7.00E-09	3.25E-09	2.81E-10	6.78E-09	1.50E-09	2.30E-09	3.65E-09	6.43E-10	1.71E-09	1.68E-08
4669	478363.09	3860377.25	4.83E-05	5.58E-05	2.56E-05	1.68E-08	5.06E-08	2.93E-08	3.38E-08	3.07E-08	1.40E-08	6.42E-09	5.59E-10	1.35E-08	2.98E-09	4.59E-09	7.28E-09	1.28E-09	3.37E-09	3.36E-08
4670	478863.09	3860377.25	6.97E-05	8.05E-05	3.68E-05	2.42E-08	7.29E-08	4.22E-08	4.88E-08	4.42E-08	2.02E-08	9.22E-09	8.06E-10	1.95E-08	4.30E-09	6.62E-09	1.05E-08	1.85E-09	4.84E-09	4.84E-08
4671	479363.09	3860377.25	8.82E-05	1.02E-04	4.64E-05	3.06E-08	9.23E-08	5.34E-08	6.18E-08	5.60E-08	2.55E-08	1.16E-08	1.02E-09	2.47E-08	5.44E-09	8.39E-09	1.33E-08	2.34E-09	6.11E-09	6.13E-08
4672	479863.09	3860377.25	9.91E-05	1.15E-04	5.21E-05	3.43E-08	1.04E-07	6.00E-08	6.94E-08	6.29E-08	2.87E-08	1.30E-08	1.15E-09	2.77E-08	6.11E-09	9.42E-09	1.49E-08	2.63E-09	6.84E-09	6.88E-08
4673	480363.09	3860377.25	1.06E-04	1.22E-04	5.56E-05	3.67E-08	1.11E-07	6.42E-08	7.42E-08	6.73E-08	3.07E-08	1.39E-08	1.23E-09	2.96E-08	6.53E-09	1.01E-08	1.60E-08	2.82E-09	7.31E-09	7.36E-08
4674	480863.09	3860377.25	1.12E-04	1.29E-04	5.85E-05	3.87E-08	1.17E-07	6.76E-08	7.82E-08	7.09E-08	3.23E-08	1.47E-08	1.29E-09	3.12E-08	6.88E-09	1.06E-08	1.68E-08	2.97E-09	7.70E-09	7.75E-08
4675	481363.09	3860377.25	1.19E-04	1.37E-04	6.24E-05	4.12E-08	1.24E-07	7.20E-08	8.33E-08	7.55E-08	3.44E-08	1.56E-08	1.38E-09	3.32E-08	7.33E-09	1.13E-08	1.79E-08	3.16E-09	8.20E-09	8.25E-08
4676	481863.09	3860377.25	1.30E-04	1.50E-04	6.80E-05	4.49E-08	1.36E-07	7.85E-08	9.08E-08	8.23E-08	3.76E-08	1.70E-08	1.50E-09	3.62E-08	8.00E-09	1.23E-08	1.96E-08	3.45E-09	8.94E-09	9.00E-08
4677	482363.09	3860377.25	1.41E-04	1.63E-04	7.40E-05	4.90E-08	1.48E-07	8.56E-08	9.90E-08	8.97E-08	4.10E-08	1.86E-08	1.63E-09	3.95E-08	8.71E-09	1.34E-08	2.13E-08	3.76E-09	9.74E-09	9.81E-08
4678	482863.09	3860377.25	1.50E-04	1.74E-04	7.88E-05	5.21E-08	1.57E-07	9.11E-08	1.05E-07	9.55E-08	4.36E-08	1.97E-08	1.74E-09	4.20E-08	9.27E-09	1.43E-08	2.27E-08	4.00E-09	1.04E-08	1.04E-07
4679	483363.09	3860377.25	1.60E-04	1.85E-04	8.36E-05	5.53E-08	1.67E-07	9.66E-08	1.12E-07	1.01E-07	4.62E-08	2.10E-08	1.85E-09	4.46E-08	9.84E-09	1.52E-08	2.41E-08	4.24E-09	1.10E-08	1.11E-07
4680	483863.09	3860377.25	1.69E-04	1.96E-04	8.88E-05	5.87E-08	1.77E-07	1.03E-07	1.19E-07	1.08E-07	4.91E-08	2.23E-08	1.96E-09	4.74E-08	1.05E-08	1.61E-08	2.56E-08	4.51E-09	1.17E-08	1.18E-07
4681	484363.09	3860377.25	1.67E-04	1.93E-04	8.73E-05	5.77E-08	1.74E-07	1.01E-07	1.17E-07	1.06E-07	4.83E-08	2.19E-08	1.93E-09	4.65E-08	1.03E-08	1.58E-08	2.51E-08	4.43E-09	1.15E-08	1.16E-07
4682	484863.09	3860377.25	1.68E-04	1.94E-04	8.79E-05	5.81E-08	1.75E-07	1.02E-07	1.17E-07	1.06E-07	4.86E-08	2.20E-08	1.94E-09	4.69E-08	1.03E-08	1.59E-08	2.53E-08	4.46E-09	1.16E-08	1.16E-07
4683	485363.09	3860377.25	1.62E-04	1.87E-04	8.48E-05	5.60E-08	1.69E-07	9.79E-08	1.13E-07	1.03E-07	4.69E-08	2.12E-08	1.87E-09	4.52E-08	9.97E-09	1.54E-08	2.44E-08	4.30E-09	1.12E-08	1.12E-07
4684	485863.09	3860377.25	1.60E-04	1.85E-04	8.37E-05	5.53E-08	1.67E-07	9.66E-08	1.12E-07	1.01E-07	4.62E-08	2.10E-08	1.85E-09	4.46E-08	9.84E-09	1.52E-08	2.41E-08	4.24E-09	1.10E-08	1.11E-07
4685	486363.09	3860377.25	1.56E-04	1.81E-04	8.21E-05	5.42E-08	1.64E-07	9.47E-08	1.10E-07	9.93E-08	4.53E-08	2.06E-08	1.81E-09	4.37E-08	9.65E-09	1.49E-08	2.36E-08	4.16E-09	1.08E-08	1.09E-07
4686	486863.09	3860377.25	1.54E-04	1.79E-04	8.12E-05	5.35E-08	1.62E-07	9.36E-08	1.08E-07	9.81E-08	4.48E-08	2.04E-08	1.79E-09	4.32E-08	9.53E-09	1.47E-08	2.33E-08	4.11E-09	1.07E-08	1.07E-07
4687	487363.09	3860377.25	1.56E-04	1.81E-04	8.25E-05	5.42E-08	1.64E-07	9.47E-08	1.09E-07	9.92E-08	4.53E-08	2.07E-08	1.81E-09	4.37E-08	9.64E-09	1.49E-08	2.36E-08	4.16E-09	1.08E-08	1.09E-07
4688	487863.09	3860377.25	1.63E-04	1.88E-04	8.71E-05	5.66E-08	1.71E-07	9.89E-08	1.14E-07	1.03E-07	4.72E-08	2.18E-08	1.89E-09	4.57E-08	1.01E-08	1.55E-08	2.46E-08	4.33E-09	1.15E-08	1.14E-07
4689	488363.09	3860377.25	1.71E-04	1.97E-04	9.39E-05	5.94E-08	1.79E-07	1.04E-07	1.19E-07	1.08E-07	4.94E-08	2.35E-08	1.98E-09	4.79E-08	1.06E-08	1.62E-08	2.57E-08	4.53E-09	1.23E-08	1.19E-07
4690	488863.09	3860377.25	1.82E-04	2.08E-04	1.00E-04	6.29E-08	1.90E-07	1.10E-07	1.26E-07	1.14E-07	5.22E-08	2.52E-08	2.10E-09	5.07E-08	1.12E-08	1.71E-08	2.72E-08	4.79E-09	1.32E-08	1.26E-07
4691	489363.09	3860377.25	1.79E-04	2.07E-04	9.65E-05	6.22E-08	1.88E-07	1.09E-07	1.25E-07	1.14E-07	5.18E-08	2.42E-08	2.08E-09	5.01E-08	1.11E-08	1.70E-08	2.70E-08	4.75E-09	1.27E-08	1.25E-07
4692	489863.09	3860377.25	1.82E-04	2.10E-04	9.72E-05	6.32E-08	1.91E-07	1.10E-07	1.27E-07	1.16E-07	5.27E-08	2.44E-08	2.11E-09	5.10E-08	1.12E-08	1.73E-08	2.75E-08	4.84E-09	1.28E-08	1.27E-07
4693	490363.09	3860377.25	1.88E-04	2.17E-04	9.97E-05	6.51E-08	1.97E-07	1.14E-07	1.31E-07	1.19E-07	5.44E-08	2.50E-08	2.17E-09	5.25E-08	1.16E-08	1.78E-08	2.83E-08	4.99E-09	1.31E-08	1.31E-07
4694	490863.09	3860377.25	1.79E-04	2.07E-04	9.48E-05	6.21E-08	1.87E-07	1.08E-07	1.25E-07	1.14E-07	5.18E-08	2.38E-08	2.07E-09	5.01E-08	1.10E-08	1.70E-08	2.70E-08	4.76E-09	1.25E-08	1.24E-07
4695	491363.09	3860377.25	1.67E-04	1.93E-04	8.84E-05	5.79E-08	1.75E-07	1.01E-07	1.17E-07	1.06E-07	4.84E-08	2.22E-08	1.93E-09	4.67E-08	1.03E-08	1.59E-08	2.52E-08	4.44E-09	1.16E-08	1.16E-07
4696	491863.09	3860377.25	1.66E-04	1.92E-04	8.76E-05	5.74E-08	1.73E-07	1.00E-07	1.16E-07	1.05E-07	4.80E-08	2.20E-08	1.92E-09	4.63E-08	1.02E-08	1.58E-08	2.50E-08	4.40E-09	1.15E-08	1.15E-07
4697	492363.09	3860377.25	1.72E-04	1.99E-04	9.10E-05	5.97E-08	1.80E-07	1.04E-07	1.21E-07	1.09E-07	4.99E-08	2.28E-08	1.99E-09	4.82E-08	1.06E-08	1.64E-08	2.60E-08	4.58E-09	1.20E-08	1.20E-07
4698	492863.09	3860377.25	1.80E-04	2.08E-04	9.49E-05	6.23E-08	1.88E-07	1.09E-07	1.26E-07	1.14E-07	5.21E-08	2.38E-08	2.08E-09	5.03E-08	1.11E-08	1.71E-08	2.71E-08	4.78E-09	1.25E-08	1.25E-07
4699	493363.09	3860377.25	1.90E-04	2.20E-04	1.00E-04	6.60E-08	1.99E-07	1.15E-07	1.33E-07	1.21E-07	5.51E-08	2.51E-08	2.20E-09	5.32E-08	1.17E-08	1.81E-08	2.87E-08	5.06E-09	1.32E-08	1.32E-07
4700	493863.09	3860377.25	1.91E-04	2.21E-04	1.01E-04	6.63E-08	2.00E-07	1.16E-07	1.34E-07	1.21E-07	5.54E-08	2.53E-08	2.21E-09	5.35E-08	1.18E-08	1.82E-08	2.88E-08	5.08E-09	1.33E-08	1.33E-07
4701	494363.09	3860377.25	1.89E-04	2.19E-04	9.98E-05	6.57E-08	1.98E-07	1.15E-07	1.33E-07	1.20E-07	5.49E-08	2.50E-08	2.19E-09	5.30E-08	1.17E-08	1.80E-08	2.86E-08	5.04E-09	1.31E-08	1.32E-07
4702	494863.09	3860377.25	1.83E-04	2.11E-04	9.64E-05	6.34E-08	1.91E-07	1.11E-07	1.28E-07	1.16E-07	5.30E-08	2.42E-08	2.12E-09	5.11E-08	1.13E-08	1.74E-08	2.76E-08	4.86E-09	1.27E-08	1.27E-07
4703	495363.09	3860377.25	1.78E-04	2.06E-04	9.38E-05	6.17E-08	1.86E-07	1.08E-07	1.25E-07	1.13E-07	5.15E-08	2.35E-08	2.06E-09	4.97E-08	1.10E-08	1.69E-08	2.68E-08	4.73E-09	1.23E-08	1.24E-07
4704	495863.09	3860377.25	1.72E-04	1.99E-04	9.08E-05	5.97E-08	1.80E-07	1.04E-07	1.21E-07	1.09E-07	4.99E-08	2.28E-08	1.99E-09	4.81E-08	1.06E-08	1.64E-08	2.60E-08	4.58E-09	1.19E-08	1.20E-07
4705	496363.09	3860377.25	1.65E-04	1.91E-04	8.71E-05	5.72E-08	1.73E-07	9.99E-08	1.15E-07	1.05E-07	4.77E-08	2.18E-08	1.91E-09	4.61E-08	1.02E-08	1.57E-08	2.49E-08	4.38E-09	1.15E-08	1.15E-07
4706	496863.09	3860377.25	1.58E-04	1.82E-04	8.34E-05	5.46E-08	1.65E-07	9.55E-08	1.10E-07	1.00E-07	4.56E-08	2.09E-08	1.82E-09	4.41E-08	9.72E-09	1.50E-08	2.38E-08	4.19E-09	1.10E-08	1.10E-07
4707	497363.09	3860377.25	1.47E-04	1.69E-04	7.76E-05	5.08E-08	1.53E-07	8.88E-08	1.03E-07	9.29E-08	4.24E-08	1.94E-08	1.70E-09	4.10E-08	9.04E-09	1.39E-08	2.21E-08	3.89E-09	1.02E-08	1.02E-07
4708	497863.09	3860377.25	1.53E-04	1.76E-04	8.07E-05	5.29E-08	1.60E-07	9.25E-08	1.07E-07	9.68E-08	4.42E-08	2.02E-08	1.77E-09	4.27E-08	9.41E-09	1.45E-08	2.30E-08	4.05E-09	1.06E-08	1.06E-07
4709	498363.09	3860377.25	1.52E-04	1.75E-04	8.02E-05	5.26E-08	1.59E-07	9.20E-08	1.06E-07	9.63E-08	4.40E-08	2.01E-08	1.76E-09	4.24E-08	9.36E-09	1.44E-08	2.29E-08	4.03E-09	1.05E-08	1.05E-07

4710	471363.09	3860877.25	3.71E-05	4.29E-05	1.96E-05	1.29E-08	3.89E-08	2.25E-08	2.60E-08	2.36E-08	1.08E-08	4.90E-09	4.30E-10	1.04E-08	2.29E-09	3.53E-09	5.60E-09	9.87E-10	2.57E-09	2.58E-08
4711	471863.09	3860877.25	3.92E-05	4.53E-05	2.06E-05	1.36E-08	4.10E-08	2.38E-08	2.75E-08	2.49E-08	1.14E-08	5.17E-09	4.54E-10	1.10E-08	2.42E-09	3.73E-09	5.91E-09	1.04E-09	2.72E-09	2.72E-08
4712	472363.09	3860877.25	4.17E-05	4.82E-05	2.19E-05	1.44E-08	4.36E-08	2.52E-08	2.92E-08	2.65E-08	1.21E-08	5.50E-09	4.82E-10	1.16E-08	2.57E-09	3.96E-09	6.28E-09	1.11E-09	2.88E-09	2.89E-08
4713	472863.09	3860877.25	4.47E-05	5.17E-05	2.35E-05	1.55E-08	4.68E-08	2.71E-08	3.13E-08	2.84E-08	1.29E-08	5.89E-09	5.17E-10	1.25E-08	2.76E-09	4.25E-09	6.74E-09	1.19E-09	3.09E-09	3.10E-08
4714	473363.09	3860877.25	4.81E-05	5.56E-05	2.53E-05	1.67E-08	5.03E-08	2.91E-08	3.37E-08	3.05E-08	1.39E-08	6.34E-09	5.56E-10	1.34E-08	2.97E-09	4.57E-09	7.25E-09	1.28E-09	3.33E-09	3.34E-08
4715	473863.09	3860877.25	5.16E-05	5.96E-05	2.71E-05	1.79E-08	5.40E-08	3.12E-08	3.61E-08	3.27E-08	1.49E-08	6.80E-09	5.97E-10	1.44E-08	3.18E-09	4.90E-09	7.78E-09	1.37E-09	3.57E-09	3.58E-08
4716	474363.09	3860877.25	5.48E-05	6.33E-05	2.88E-05	1.90E-08	5.73E-08	3.32E-08	3.83E-08	3.48E-08	1.59E-08	7.22E-09	6.34E-10	1.53E-08	3.38E-09	5.21E-09	8.26E-09	1.46E-09	3.79E-09	3.80E-08
4717	474863.09	3860877.25	5.74E-05	6.64E-05	3.02E-05	1.99E-08	6.01E-08	3.48E-08	4.02E-08	3.64E-08	1.66E-08	7.57E-09	6.64E-10	1.61E-08	3.54E-09	5.46E-09	8.66E-09	1.53E-09	3.98E-09	3.99E-08
4718	475363.09	3860877.25	5.89E-05	6.80E-05	3.10E-05	2.04E-08	6.16E-08	3.57E-08	4.12E-08	3.74E-08	1.70E-08	7.78E-09	6.81E-10	1.65E-08	3.63E-09	5.60E-09	8.88E-09	1.56E-09	4.08E-09	4.09E-08
4719	475863.09	3860877.25	5.82E-05	6.73E-05	3.08E-05	2.02E-08	6.09E-08	3.53E-08	4.08E-08	3.69E-08	1.69E-08	7.71E-09	6.74E-10	1.63E-08	3.59E-09	5.53E-09	8.78E-09	1.55E-09	4.05E-09	4.04E-08
4720	476363.09	3860877.25	5.47E-05	6.32E-05	2.90E-05	1.89E-08	5.72E-08	3.31E-08	3.83E-08	3.47E-08	1.58E-08	7.25E-09	6.33E-10	1.53E-08	3.37E-09	5.19E-09	8.24E-09	1.45E-09	3.81E-09	3.80E-08
4721	476863.09	3860877.25	5.37E-05	6.20E-05	2.84E-05	1.86E-08	5.62E-08	3.25E-08	3.76E-08	3.41E-08	1.55E-08	7.13E-09	6.22E-10	1.50E-08	3.31E-09	5.10E-09	8.09E-09	1.43E-09	3.74E-09	3.73E-08
4722	477363.09	3860877.25	5.60E-05	6.46E-05	2.96E-05	1.94E-08	5.86E-08	3.39E-08	3.92E-08	3.55E-08	1.62E-08	7.42E-09	6.48E-10	1.56E-08	3.45E-09	5.32E-09	8.43E-09	1.49E-09	3.90E-09	3.89E-08
4723	477863.09	3860877.25	4.99E-05	5.77E-05	2.64E-05	1.73E-08	5.22E-08	3.02E-08	3.49E-08	3.17E-08	1.44E-08	6.63E-09	5.78E-10	1.40E-08	3.08E-09	4.74E-09	7.52E-09	1.33E-09	3.48E-09	3.47E-08
4724	478363.09	3860877.25	2.98E-05	3.43E-05	1.59E-05	1.03E-08	3.12E-08	1.80E-08	2.08E-08	1.89E-08	8.61E-09	3.98E-09	3.45E-10	8.32E-09	1.84E-09	2.82E-09	4.48E-09	7.90E-10	2.09E-09	2.07E-08
4725	478863.09	3860877.25	6.40E-05	7.40E-05	3.39E-05	2.22E-08	6.70E-08	3.88E-08	4.48E-08	4.06E-08	1.85E-08	8.48E-09	7.41E-10	1.79E-08	3.95E-09	6.08E-09	9.65E-09	1.70E-09	4.45E-09	4.45E-08
4726	479363.09	3860877.25	8.01E-05	9.26E-05	4.23E-05	2.78E-08	8.39E-08	4.85E-08	5.61E-08	5.09E-08	2.32E-08	1.06E-08	9.27E-10	2.24E-08	4.94E-09	7.62E-09	1.21E-08	2.13E-09	5.56E-09	5.57E-08
4727	479863.09	3860877.25	8.73E-05	1.01E-04	4.59E-05	3.02E-08	9.13E-08	5.29E-08	6.11E-08	5.54E-08	2.53E-08	1.15E-08	1.01E-09	2.44E-08	5.38E-09	8.30E-09	1.32E-08	2.32E-09	6.03E-09	6.06E-08
4728	480363.09	3860877.25	9.29E-05	1.07E-04	4.88E-05	3.22E-08	9.72E-08	5.62E-08	6.50E-08	5.90E-08	2.69E-08	1.22E-08	1.07E-09	2.60E-08	5.73E-09	8.83E-09	1.40E-08	2.47E-09	6.41E-09	6.45E-08
4729	480863.09	3860877.25	9.90E-05	1.15E-04	5.20E-05	3.43E-08	1.04E-07	6.00E-08	6.94E-08	6.29E-08	2.87E-08	1.30E-08	1.15E-09	2.77E-08	6.11E-09	9.42E-09	1.49E-08	2.63E-09	6.84E-09	6.88E-08
4730	481363.09	3860877.25	1.07E-04	1.24E-04	5.63E-05	3.72E-08	1.12E-07	6.50E-08	7.52E-08	6.82E-08	3.11E-08	1.41E-08	1.24E-09	3.00E-08	6.62E-09	1.02E-08	1.62E-08	2.85E-09	7.41E-09	7.45E-08
4731	481863.09	3860877.25	1.17E-04	1.35E-04	6.12E-05	4.04E-08	1.22E-07	7.06E-08	8.17E-08	7.41E-08	3.38E-08	1.53E-08	1.35E-09	3.26E-08	7.19E-09	1.11E-08	1.76E-08	3.10E-09	8.04E-09	8.10E-08
4732	482363.09	3860877.25	1.24E-04	1.43E-04	6.50E-05	4.29E-08	1.30E-07	7.51E-08	8.68E-08	7.87E-08	3.59E-08	1.63E-08	1.43E-09	3.46E-08	7.64E-09	1.18E-08	1.87E-08	3.30E-09	8.55E-09	8.61E-08
4733	482863.09	3860877.25	1.31E-04	1.51E-04	6.85E-05	4.52E-08	1.37E-07	7.91E-08	9.15E-08	8.29E-08	3.78E-08	1.72E-08	1.51E-09	3.65E-08	8.05E-09	1.24E-08	1.97E-08	3.47E-09	9.00E-09	9.07E-08
4734	483363.09	3860877.25	1.39E-04	1.61E-04	7.30E-05	4.83E-08	1.46E-07	8.44E-08	9.76E-08	8.85E-08	4.04E-08	1.83E-08	1.61E-09	3.89E-08	8.59E-09	1.32E-08	2.10E-08	3.70E-09	9.60E-09	9.67E-08
4735	483863.09	3860877.25	1.44E-04	1.67E-04	7.56E-05	5.00E-08	1.51E-07	8.74E-08	1.01E-07	9.16E-08	4.18E-08	1.90E-08	1.67E-09	4.03E-08	8.90E-09	1.37E-08	2.18E-08	3.84E-09	9.95E-09	1.00E-07
4736	484363.09	3860877.25	1.44E-04	1.67E-04	7.56E-05	5.00E-08	1.51E-07	8.73E-08	1.01E-07	9.16E-08	4.18E-08	1.89E-08	1.67E-09	4.03E-08	8.89E-09	1.37E-08	2.18E-08	3.83E-09	9.94E-09	1.00E-07
4737	484863.09	3860877.25	1.39E-04	1.61E-04	7.29E-05	4.82E-08	1.45E-07	8.42E-08	9.74E-08	8.83E-08	4.03E-08	1.83E-08	1.61E-09	3.88E-08	8.57E-09	1.32E-08	2.10E-08	3.70E-09	9.58E-09	9.65E-08
4738	485363.09	3860877.25	1.35E-04	1.56E-04	7.06E-05	4.66E-08	1.41E-07	8.15E-08	9.42E-08	8.54E-08	3.90E-08	1.77E-08	1.56E-09	3.76E-08	8.30E-09	1.28E-08	2.03E-08	3.58E-09	9.28E-09	9.34E-08
4739	485863.09	3860877.25	1.34E-04	1.55E-04	7.03E-05	4.64E-08	1.40E-07	8.12E-08	9.39E-08	8.51E-08	3.88E-08	1.76E-08	1.55E-09	3.75E-08	8.26E-09	1.27E-08	2.02E-08	3.56E-09	9.24E-09	9.30E-08
4740	486363.09	3860877.25	1.29E-04	1.50E-04	6.79E-05	4.48E-08	1.35E-07	7.84E-08	9.06E-08	8.22E-08	3.75E-08	1.70E-08	1.50E-09	3.62E-08	7.98E-09	1.23E-08	1.95E-08	3.44E-09	8.93E-09	8.98E-08
4741	486863.09	3860877.25	1.28E-04	1.48E-04	6.73E-05	4.44E-08	1.34E-07	7.76E-08	8.98E-08	8.14E-08	3.71E-08	1.69E-08	1.48E-09	3.58E-08	7.90E-09	1.22E-08	1.93E-08	3.41E-09	8.85E-09	8.90E-08
4742	487363.09	3860877.25	1.29E-04	1.50E-04	6.80E-05	4.48E-08	1.35E-07	7.83E-08	9.06E-08	8.21E-08	3.75E-08	1.70E-08	1.50E-09	3.62E-08	7.98E-09	1.23E-08	1.95E-08	3.44E-09	8.94E-09	8.98E-08
4743	487863.09	3860877.25	1.31E-04	1.51E-04	6.90E-05	4.54E-08	1.37E-07	7.93E-08	9.16E-08	8.31E-08	3.79E-08	1.73E-08	1.51E-09	3.66E-08	8.07E-09	1.24E-08	1.97E-08	3.48E-09	9.08E-09	9.09E-08
4744	488363.09	3860877.25	1.35E-04	1.56E-04	7.15E-05	4.69E-08	1.42E-07	8.20E-08	9.47E-08	8.58E-08	3.92E-08	1.79E-08	1.57E-09	3.78E-08	8.35E-09	1.29E-08	2.04E-08	3.59E-09	9.40E-09	9.40E-08
4745	488863.09	3860877.25	1.38E-04	1.59E-04	7.26E-05	4.77E-08	1.44E-07	8.34E-08	9.64E-08	8.74E-08	3.99E-08	1.82E-08	1.59E-09	3.85E-08	8.49E-09	1.31E-08	2.08E-08	3.66E-09	9.54E-09	9.56E-08
4746	489363.09	3860877.25	1.44E-04	1.66E-04	7.58E-05	4.98E-08	1.50E-07	8.70E-08	1.01E-07	9.12E-08	4.16E-08	1.90E-08	1.66E-09	4.02E-08	8.86E-09	1.37E-08	2.17E-08	3.82E-09	9.96E-09	9.98E-08
4747	489863.09	3860877.25	1.43E-04	1.65E-04	7.53E-05	4.95E-08	1.49E-07	8.65E-08	9.99E-08	9.06E-08	4.13E-08	1.89E-08	1.65E-09	3.99E-08	8.81E-09	1.36E-08	2.15E-08	3.79E-09	9.90E-09	9.92E-08
4748	490363.09	3860877.25	1.45E-04	1.68E-04	7.67E-05	5.04E-08	1.52E-07	8.81E-08	1.02E-07	9.23E-08	4.21E-08	1.92E-08	1.68E-09	4.07E-08	8.97E-09	1.38E-08	2.19E-08	3.87E-09	1.01E-08	1.01E-07
4749	490863.09	3860877.25	1.52E-04	1.76E-04	8.01E-05	5.27E-08	1.59E-07	9.21E-08	1.06E-07	9.65E-08	4.40E-08	2.01E-08	1.76E-09	4.25E-08	9.38E-09	1.45E-08	2.29E-08	4.04E-09	1.05E-08	1.06E-07
4750	491363.09	3860877.25	1.47E-04	1.70E-04	7.76E-05	5.10E-08	1.54E-07	8.92E-08	1.03E-07	9.35E-08	4.27E-08	1.94E-08	1.70E-09	4.12E-08	9.09E-09	1.40E-08	2.22E-08	3.91E-09	1.02E-08	1.02E-07
4751	491863.09	3860877.25	1.38E-04	1.60E-04	7.30E-05	4.80E-08	1.45E-07	8.39E-08	9.69E-08	8.79E-08	4.01E-08	1.83E-08	1.60E-09	3.87E-08	8.54E-09	1.32E-08	2.09E-08	3.68E-09	9.59E-09	9.61E-08
4752	492363.09	3860877.25	1.33E-04	1.54E-04	7.01E-05	4.61E-08	1.39E-07	8.06E-08	9.32E-08	8.45E-08	3.85E-08	1.76E-08	1.54E-09	3.72E-08	8.21E-09	1.26E-08	2.01E-08	3.54E-09	9.22E-09	9.24E-08
4753	492863.09	3860877.25	1.35E-04	1.56E-04	7.10E-05	4.67E-08	1.41E-07	8.16E-08	9.43E-08	8.55E-08	3.90E-08	1.78E-08	1.56E-09	3.77E-08	8.31E-09	1.28E-08	2.03E-08	3.58E-09	9.34E-09	9.36E-08
4754	493363.09	3860877.25	1.41E-04	1.63E-04	7.43E-05	4.89E-08	1.48E-07	8.55E-08	9.88E-08	8.96E-08	4.09E-08	1.86E-08	1.63E-09	3.94E-08	8.70E-09	1.34E-08	2.13E-08	3.75E-09	9.78E-09	9.80E-08
4755	493863.09	3860877.25	1.47E-04	1.70E-04	7.76E-05	5.11E-08	1.54E-07	8.93E-08	1.03E-07	9.36E-08	4.27E-08	1.94E-08	1.71E-09	4.12E-08	9.09E-09	1.40E-08	2.22E-08	3.92E-09	1.02E-08	1.02E-07
4756	494363.09	3860877.25	1.53E-04	1.77E-04	8.05E-05	5.30E-08	1.60E-07	9.26E-08	1.07E-07	9.71E-08	4.43E-08	2.02E-08	1.77E-09	4.27E-08	9.43E-09	1.45E-08	2.31E-08	4.07E-09	1.06E-08	1.06E-07
4757	494863.09	3860877.25	1.55E-04	1.80E-04	8.18E-05	5.38E-08	1.63E-07	9.41E-08	1.09E-07	9.86E-08	4.50E-08	2.05E-08	1.80E-09	4.34E-08	9.58E-09	1.48E-08	2.34E-08	4.13E-09	1.08E-08	1.08E-07
4758	495363.09	3860877.25	1.54E-04	1.78E-04	8.10E-05	5.33E-08	1.61E-07	9.32E-08	1.08E-07	9.77E-08	4.46E-08	2.03E-08	1.78E-09	4.30E-08	9.50E-09	1.46E-08	2.32E-08	4.09E-09	1.07E-08	1.07E-07
4759	495863.09	3860877.25	1.50E-04	1.73E-04	7.88E-05	5.19E-08	1.57E-07	9.07E-08	1.05E-07	9.50E-08	4.33E-08	1.98E-08	1.73E-09	4.18E-08	9.23E-09	1.42E-08	2.26E-08	3.98E-09	1.04E-08	1.04E-07
4760	496363.09	3860877.25	1.47E-04	1.70E-04	7.75E-05	5.10E-08	1.54E-07	8.91E-08	1.03E-07	9.34E-08	4.26E-08	1.94E-08	1.70E-09	4.11E-08	9.08E-09	1.40E-08	2.22E-08	3.91E-09	1.02E-08	1.02E-07
4761	496863.09	3860877.25	1.43E-04	1.66E-04	7.55E-05	4.97E-08	1.50E-07	8.68E-08	1.00E-07	9.10E-08	4.15E-08	1.89E-08	1.66E-09	4.01E-08	8.84E-09	1.36E-08	2.16E-08	3.81E-09	9.93E-09	9.96E-08
4762	497363.09	3860877.25	1.40E-04	1.62E-04	7.37E-05	4.84E-08	1.46E-07	8.47E-08	9.79E-08	8.87E-08	4.05E-08	1.85E-08	1.62E-09	3.91E-08	8.62E-09	1.33E-08	2.11E-08	3.71E-09	9.69E-09	9.71E-08

4763	497863.09	3860877.25	1.36E-04	1.57E-04	7.19E-05	4.72E-08	1.43E-07	8.25E-08	9.54E-08	8.65E-08	3.95E-08	1.80E-08	1.58E-09	3.81E-08	8.40E-09	1.30E-08	2.05E-08	3.62E-09	9.45E-09	9.46E-08
4764	498363.09	3860877.25	1.34E-04	1.55E-04	7.08E-05	4.65E-08	1.40E-07	8.13E-08	9.40E-08	8.52E-08	3.89E-08	1.77E-08	1.55E-09	3.75E-08	8.28E-09	1.28E-08	2.02E-08	3.57E-09	9.31E-09	9.32E-08
4765	471363.09	3861377.25	3.74E-05	4.33E-05	1.97E-05	1.30E-08	3.92E-08	2.27E-08	2.62E-08	2.38E-08	1.08E-08	4.94E-09	4.33E-10	1.05E-08	2.31E-09	3.56E-09	5.64E-09	9.95E-10	2.59E-09	2.60E-08
4766	471863.09	3861377.25	3.98E-05	4.61E-05	2.10E-05	1.38E-08	4.17E-08	2.41E-08	2.79E-08	2.53E-08	1.15E-08	5.26E-09	4.61E-10	1.11E-08	2.46E-09	3.79E-09	6.01E-09	1.06E-09	2.76E-09	2.77E-08
4767	472363.09	3861377.25	4.26E-05	4.92E-05	2.24E-05	1.48E-08	4.46E-08	2.58E-08	2.98E-08	2.70E-08	1.23E-08	5.62E-09	4.93E-10	1.19E-08	2.63E-09	4.05E-09	6.42E-09	1.13E-09	2.95E-09	2.96E-08
4768	472863.09	3861377.25	4.54E-05	5.25E-05	2.39E-05	1.57E-08	4.75E-08	2.75E-08	3.18E-08	2.88E-08	1.32E-08	5.99E-09	5.25E-10	1.27E-08	2.80E-09	4.32E-09	6.85E-09	1.21E-09	3.14E-09	3.15E-08
4769	473363.09	3861377.25	4.80E-05	5.55E-05	2.53E-05	1.66E-08	5.02E-08	2.91E-08	3.36E-08	3.05E-08	1.39E-08	6.33E-09	5.56E-10	1.34E-08	2.96E-09	4.57E-09	7.24E-09	1.28E-09	3.32E-09	3.33E-08
4770	473863.09	3861377.25	5.03E-05	5.81E-05	2.65E-05	1.74E-08	5.26E-08	3.04E-08	3.52E-08	3.19E-08	1.46E-08	6.63E-09	5.82E-10	1.41E-08	3.10E-09	4.78E-09	7.58E-09	1.34E-09	3.48E-09	3.49E-08
4771	474363.09	3861377.25	5.21E-05	6.02E-05	2.74E-05	1.81E-08	5.45E-08	3.16E-08	3.65E-08	3.31E-08	1.51E-08	6.87E-09	6.03E-10	1.46E-08	3.21E-09	4.95E-09	7.86E-09	1.38E-09	3.61E-09	3.62E-08
4772	474863.09	3861377.25	5.35E-05	6.19E-05	2.82E-05	1.86E-08	5.60E-08	3.24E-08	3.75E-08	3.40E-08	1.55E-08	7.07E-09	6.20E-10	1.50E-08	3.30E-09	5.09E-09	8.07E-09	1.42E-09	3.71E-09	3.72E-08
4773	475363.09	3861377.25	5.53E-05	6.39E-05	2.91E-05	1.92E-08	5.79E-08	3.35E-08	3.87E-08	3.51E-08	1.60E-08	7.30E-09	6.40E-10	1.55E-08	3.41E-09	5.26E-09	8.34E-09	1.47E-09	3.83E-09	3.84E-08
4774	475863.09	3861377.25	5.71E-05	6.60E-05	3.01E-05	1.98E-08	5.97E-08	3.46E-08	4.00E-08	3.62E-08	1.65E-08	7.54E-09	6.61E-10	1.60E-08	3.52E-09	5.43E-09	8.61E-09	1.52E-09	3.96E-09	3.96E-08
4775	476363.09	3861377.25	5.88E-05	6.80E-05	3.10E-05	2.04E-08	6.16E-08	3.56E-08	4.12E-08	3.73E-08	1.70E-08	7.77E-09	6.81E-10	1.64E-08	3.63E-09	5.59E-09	8.87E-09	1.56E-09	4.08E-09	4.09E-08
4776	476863.09	3861377.25	6.06E-05	7.00E-05	3.20E-05	2.10E-08	6.34E-08	3.67E-08	4.24E-08	3.84E-08	1.75E-08	8.01E-09	7.01E-10	1.69E-08	3.74E-09	5.76E-09	9.13E-09	1.61E-09	4.20E-09	4.21E-08
4777	477363.09	3861377.25	6.24E-05	7.21E-05	3.29E-05	2.16E-08	6.53E-08	3.78E-08	4.37E-08	3.96E-08	1.81E-08	8.25E-09	7.22E-10	1.74E-08	3.85E-09	5.93E-09	9.41E-09	1.66E-09	4.33E-09	4.33E-08
4778	477863.09	3861377.25	5.74E-05	6.63E-05	3.04E-05	1.99E-08	6.01E-08	3.48E-08	4.02E-08	3.64E-08	1.66E-08	7.61E-09	6.65E-10	1.61E-08	3.54E-09	5.46E-09	8.66E-09	1.53E-09	4.00E-09	3.99E-08
4779	478363.09	3861377.25	3.65E-05	4.21E-05	1.94E-05	1.26E-08	3.82E-08	2.21E-08	2.55E-08	2.31E-08	1.06E-08	4.86E-09	4.22E-10	1.02E-08	2.25E-09	3.46E-09	5.50E-09	9.69E-10	2.55E-09	2.54E-08
4780	478863.09	3861377.25	4.45E-05	5.14E-05	2.37E-05	1.54E-08	4.66E-08	2.70E-08	3.11E-08	2.82E-08	1.29E-08	5.93E-09	5.15E-10	1.24E-08	2.75E-09	4.23E-09	6.71E-09	1.18E-09	3.11E-09	3.09E-08
4781	479363.09	3861377.25	7.00E-05	8.08E-05	3.70E-05	2.43E-08	7.32E-08	4.24E-08	4.90E-08	4.44E-08	2.03E-08	9.28E-09	8.10E-10	1.96E-08	4.32E-09	6.65E-09	1.05E-08	1.86E-09	4.87E-09	4.86E-08
4782	479863.09	3861377.25	7.87E-05	9.09E-05	4.14E-05	2.73E-08	8.23E-08	4.76E-08	5.51E-08	4.99E-08	2.28E-08	1.04E-08	9.10E-10	2.20E-08	4.85E-09	7.48E-09	1.19E-08	2.09E-09	5.44E-09	5.46E-08
4783	480363.09	3861377.25	8.45E-05	9.77E-05	4.44E-05	2.93E-08	8.84E-08	5.12E-08	5.92E-08	5.37E-08	2.45E-08	1.11E-08	9.78E-10	2.36E-08	5.21E-09	8.04E-09	1.28E-08	2.25E-09	5.84E-09	5.87E-08
4784	480863.09	3861377.25	9.06E-05	1.05E-04	4.76E-05	3.14E-08	9.48E-08	5.49E-08	6.35E-08	5.75E-08	2.63E-08	1.19E-08	1.05E-09	2.53E-08	5.59E-09	8.62E-09	1.37E-08	2.41E-09	6.26E-09	6.29E-08
4785	481363.09	3861377.25	9.74E-05	1.13E-04	5.11E-05	3.37E-08	1.02E-07	5.90E-08	6.82E-08	6.18E-08	2.82E-08	1.28E-08	1.13E-09	2.72E-08	6.01E-09	9.26E-09	1.47E-08	2.59E-09	6.72E-09	6.76E-08
4786	481863.09	3861377.25	1.04E-04	1.21E-04	5.47E-05	3.61E-08	1.09E-07	6.32E-08	7.31E-08	6.62E-08	3.02E-08	1.37E-08	1.21E-09	2.91E-08	6.43E-09	9.92E-09	1.57E-08	2.77E-09	7.20E-09	7.24E-08
4787	482363.09	3861377.25	1.09E-04	1.27E-04	5.75E-05	3.79E-08	1.15E-07	6.63E-08	7.67E-08	6.95E-08	3.17E-08	1.44E-08	1.27E-09	3.06E-08	6.75E-09	1.04E-08	1.65E-08	2.91E-09	7.56E-09	7.60E-08
4788	482863.09	3861377.25	1.15E-04	1.33E-04	6.04E-05	3.99E-08	1.20E-07	6.97E-08	8.06E-08	7.31E-08	3.33E-08	1.51E-08	1.33E-09	3.22E-08	7.10E-09	1.09E-08	1.74E-08	3.06E-09	7.94E-09	7.99E-08
4789	483363.09	3861377.25	1.21E-04	1.40E-04	6.33E-05	4.18E-08	1.26E-07	7.31E-08	8.46E-08	7.67E-08	3.50E-08	1.59E-08	1.40E-09	3.37E-08	7.44E-09	1.15E-08	1.82E-08	3.21E-09	8.33E-09	8.38E-08
4790	483863.09	3861377.25	1.23E-04	1.42E-04	6.45E-05	4.26E-08	1.29E-07	7.45E-08	8.61E-08	7.81E-08	3.56E-08	1.62E-08	1.42E-09	3.44E-08	7.58E-09	1.17E-08	1.85E-08	3.27E-09	8.48E-09	8.54E-08
4791	484363.09	3861377.25	1.25E-04	1.44E-04	6.55E-05	4.33E-08	1.31E-07	7.56E-08	8.75E-08	7.93E-08	3.62E-08	1.64E-08	1.45E-09	3.49E-08	7.70E-09	1.19E-08	1.88E-08	3.32E-09	8.61E-09	8.67E-08
4792	484863.09	3861377.25	1.20E-04	1.39E-04	6.28E-05	4.15E-08	1.25E-07	7.25E-08	8.39E-08	7.61E-08	3.47E-08	1.57E-08	1.39E-09	3.35E-08	7.39E-09	1.14E-08	1.81E-08	3.19E-09	8.26E-09	8.32E-08
4793	485363.09	3861377.25	1.14E-04	1.32E-04	5.98E-05	3.95E-08	1.19E-07	6.91E-08	7.99E-08	7.24E-08	3.31E-08	1.50E-08	1.32E-09	3.19E-08	7.04E-09	1.09E-08	1.72E-08	3.03E-09	7.86E-09	7.92E-08
4794	485863.09	3861377.25	1.12E-04	1.29E-04	5.85E-05	3.86E-08	1.17E-07	6.75E-08	7.81E-08	7.08E-08	3.23E-08	1.47E-08	1.29E-09	3.12E-08	6.88E-09	1.06E-08	1.68E-08	2.97E-09	7.69E-09	7.74E-08
4795	486363.09	3861377.25	1.09E-04	1.26E-04	5.71E-05	3.77E-08	1.14E-07	6.60E-08	7.63E-08	6.92E-08	3.16E-08	1.43E-08	1.26E-09	3.04E-08	6.72E-09	1.04E-08	1.64E-08	2.90E-09	7.51E-09	7.56E-08
4796	486863.09	3861377.25	1.09E-04	1.26E-04	5.69E-05	3.76E-08	1.14E-07	6.58E-08	7.61E-08	6.89E-08	3.15E-08	1.43E-08	1.26E-09	3.03E-08	6.70E-09	1.03E-08	1.64E-08	2.89E-09	7.49E-09	7.54E-08
4797	487363.09	3861377.25	1.10E-04	1.27E-04	5.75E-05	3.80E-08	1.15E-07	6.64E-08	7.68E-08	6.96E-08	3.18E-08	1.44E-08	1.27E-09	3.06E-08	6.76E-09	1.04E-08	1.65E-08	2.91E-09	7.56E-09	7.61E-08
4798	487863.09	3861377.25	1.11E-04	1.28E-04	5.83E-05	3.85E-08	1.16E-07	6.72E-08	7.77E-08	7.05E-08	3.22E-08	1.46E-08	1.28E-09	3.10E-08	6.85E-09	1.06E-08	1.67E-08	2.95E-09	7.67E-09	7.71E-08
4799	488363.09	3861377.25	1.09E-04	1.26E-04	5.74E-05	3.78E-08	1.14E-07	6.61E-08	7.64E-08	6.93E-08	3.16E-08	1.44E-08	1.26E-09	3.05E-08	6.73E-09	1.04E-08	1.65E-08	2.90E-09	7.55E-09	7.58E-08
4800	488863.09	3861377.25	1.12E-04	1.30E-04	5.90E-05	3.90E-08	1.18E-07	6.81E-08	7.88E-08	7.14E-08	3.26E-08	1.48E-08	1.30E-09	3.14E-08	6.93E-09	1.07E-08	1.70E-08	2.99E-09	7.76E-09	7.81E-08
4801	489363.09	3861377.25	1.16E-04	1.34E-04	6.07E-05	4.01E-08	1.21E-07	7.01E-08	8.10E-08	7.35E-08	3.35E-08	1.52E-08	1.34E-09	3.23E-08	7.13E-09	1.10E-08	1.75E-08	3.08E-09	7.98E-09	8.03E-08
4802	489863.09	3861377.25	1.18E-04	1.37E-04	6.20E-05	4.09E-08	1.24E-07	7.15E-08	8.27E-08	7.50E-08	3.42E-08	1.55E-08	1.37E-09	3.30E-08	7.28E-09	1.12E-08	1.78E-08	3.14E-09	8.15E-09	8.20E-08
4803	490363.09	3861377.25	1.19E-04	1.38E-04	6.27E-05	4.13E-08	1.25E-07	7.22E-08	8.35E-08	7.57E-08	3.45E-08	1.57E-08	1.38E-09	3.33E-08	7.36E-09	1.13E-08	1.80E-08	3.17E-09	8.24E-09	8.28E-08
4804	490863.09	3861377.25	1.21E-04	1.40E-04	6.35E-05	4.19E-08	1.26E-07	7.32E-08	8.46E-08	7.67E-08	3.50E-08	1.59E-08	1.40E-09	3.38E-08	7.45E-09	1.15E-08	1.82E-08	3.21E-09	8.35E-09	8.39E-08
4805	491363.09	3861377.25	1.27E-04	1.46E-04	6.65E-05	4.39E-08	1.33E-07	7.67E-08	8.87E-08	8.04E-08	3.67E-08	1.67E-08	1.47E-09	3.54E-08	7.81E-09	1.20E-08	1.91E-08	3.37E-09	8.75E-09	8.79E-08
4806	491863.09	3861377.25	1.24E-04	1.44E-04	6.54E-05	4.31E-08	1.30E-07	7.53E-08	8.71E-08	7.89E-08	3.60E-08	1.64E-08	1.44E-09	3.48E-08	7.67E-09	1.18E-08	1.88E-08	3.31E-09	8.59E-09	8.63E-08
4807	492363.09	3861377.25	1.17E-04	1.35E-04	6.14E-05	4.04E-08	1.22E-07	7.07E-08	8.17E-08	7.41E-08	3.38E-08	1.54E-08	1.35E-09	3.26E-08	7.20E-09	1.11E-08	1.76E-08	3.10E-09	8.07E-09	8.10E-08
4808	492863.09	3861377.25	1.12E-04	1.30E-04	5.92E-05	3.90E-08	1.18E-07	6.81E-08	7.88E-08	7.14E-08	3.26E-08	1.48E-08	1.30E-09	3.14E-08	6.94E-09	1.07E-08	1.70E-08	2.99E-09	7.78E-09	7.81E-08
4809	493363.09	3861377.25	1.12E-04	1.30E-04	5.91E-05	3.89E-08	1.18E-07	6.80E-08	7.87E-08	7.13E-08	3.25E-08	1.48E-08	1.30E-09	3.14E-08	6.93E-09	1.07E-08	1.69E-08	2.99E-09	7.77E-09	7.80E-08
4810	493863.09	3861377.25	1.13E-04	1.31E-04	5.97E-05	3.93E-08	1.19E-07	6.87E-08	7.95E-08	7.20E-08	3.29E-08	1.50E-08	1.31E-09	3.17E-08	7.00E-09	1.08E-08	1.71E-08	3.02E-09	7.85E-09	7.88E-08
4811	494363.09	3861377.25	1.17E-04	1.35E-04	6.16E-05	4.06E-08	1.23E-07	7.09E-08	8.20E-08	7.43E-08	3.39E-08	1.54E-08	1.35E-09	3.27E-08	7.22E-09	1.11E-08	1.77E-08	3.11E-09	8.10E-09	8.13E-08
4812	494863.09	3861377.25	1.22E-04	1.42E-04	6.44E-05	4.24E-08	1.28E-07	7.42E-08	8.58E-08	7.78E-08	3.55E-08	1.61E-08	1.42E-09	3.42E-08	7.55E-09	1.16E-08	1.85E-08	3.26E-09	8.47E-09	8.51E-08
4813	495363.09	3861377.25	1.26E-04	1.46E-04	6.64E-05	4.38E-08	1.32E-07	7.66E-08	8.85E-08	8.03E-08	3.66E-08	1.66E-08	1.46E-09	3.53E-08	7.80E-09	1.20E-08	1.91E-08	3.36E-09	8.74E-09	8.78E-08
4814	495863.09	3861377.25	1.27E-04	1.46E-04	6.66E-05	4.39E-08	1.33E-07	7.67E-08	8.87E-08	8.04E-08	3.67E-08	1.67E-08	1.47E-09	3.54E-08	7.81E-09	1.20E-08	1.91E-08	3.37E-09	8.76E-09	8.80E-08
4815	496363.09	3861377.25	1.27E-04	1.47E-04	6.66E-05	4.39E-08	1.33E-07	7.68E-08	8.87E-08	8.04E-08	3.67E-08	1.67E-08	1.47E-09	3.54E-08	7.82E-09	1.20E-08	1.91E-08	3.37E-09	8.76E-09	8.80E-08

4816	496863.09	3861377.25	1.27E-04	1.46E-04	6.67E-05	4.39E-08	1.33E-07	7.67E-08	8.87E-08	8.04E-08	3.67E-08	1.67E-08	1.47E-09	3.54E-08	7.81E-09	1.20E-08	1.91E-08	3.37E-09	8.77E-09	8.80E-08
4817	497363.09	3861377.25	1.24E-04	1.43E-04	6.52E-05	4.29E-08	1.30E-07	7.50E-08	8.67E-08	7.86E-08	3.59E-08	1.63E-08	1.43E-09	3.46E-08	7.63E-09	1.18E-08	1.87E-08	3.29E-09	8.57E-09	8.60E-08
4818	497863.09	3861377.25	1.21E-04	1.40E-04	6.37E-05	4.19E-08	1.27E-07	7.33E-08	8.47E-08	7.68E-08	3.50E-08	1.60E-08	1.40E-09	3.38E-08	7.46E-09	1.15E-08	1.82E-08	3.22E-09	8.38E-09	8.40E-08
4819	498363.09	3861377.25	1.19E-04	1.37E-04	6.25E-05	4.11E-08	1.24E-07	7.19E-08	8.31E-08	7.53E-08	3.44E-08	1.57E-08	1.37E-09	3.32E-08	7.32E-09	1.13E-08	1.79E-08	3.15E-09	8.22E-09	8.24E-08
4820	471363.09	3861877.25	3.80E-05	4.39E-05	2.00E-05	1.32E-08	3.98E-08	2.30E-08	2.66E-08	2.41E-08	1.10E-08	5.02E-09	4.40E-10	1.06E-08	2.34E-09	3.61E-09	5.73E-09	1.01E-09	2.64E-09	2.64E-08
4821	471863.09	3861877.25	4.03E-05	4.66E-05	2.12E-05	1.40E-08	4.21E-08	2.44E-08	2.82E-08	2.56E-08	1.17E-08	5.32E-09	4.66E-10	1.13E-08	2.48E-09	3.83E-09	6.07E-09	1.07E-09	2.79E-09	2.80E-08
4822	472363.09	3861877.25	4.24E-05	4.90E-05	2.24E-05	1.47E-08	4.44E-08	2.57E-08	2.97E-08	2.69E-08	1.23E-08	5.60E-09	4.91E-10	1.19E-08	2.62E-09	4.03E-09	6.40E-09	1.13E-09	2.94E-09	2.95E-08
4823	472863.09	3861877.25	4.43E-05	5.12E-05	2.33E-05	1.54E-08	4.63E-08	2.68E-08	3.10E-08	2.81E-08	1.28E-08	5.85E-09	5.13E-10	1.24E-08	2.73E-09	4.21E-09	6.68E-09	1.18E-09	3.07E-09	3.08E-08
4824	473363.09	3861877.25	4.58E-05	5.29E-05	2.41E-05	1.59E-08	4.79E-08	2.77E-08	3.21E-08	2.91E-08	1.33E-08	6.05E-09	5.30E-10	1.28E-08	2.82E-09	4.35E-09	6.91E-09	1.22E-09	3.17E-09	3.18E-08
4825	473863.09	3861877.25	4.71E-05	5.44E-05	2.48E-05	1.63E-08	4.93E-08	2.85E-08	3.30E-08	2.99E-08	1.36E-08	6.22E-09	5.45E-10	1.32E-08	2.91E-09	4.48E-09	7.10E-09	1.25E-09	3.26E-09	3.27E-08
4826	474363.09	3861877.25	4.84E-05	5.59E-05	2.55E-05	1.68E-08	5.06E-08	2.93E-08	3.39E-08	3.07E-08	1.40E-08	6.39E-09	5.60E-10	1.35E-08	2.99E-09	4.60E-09	7.30E-09	1.29E-09	3.35E-09	3.36E-08
4827	474863.09	3861877.25	4.99E-05	5.77E-05	2.63E-05	1.73E-08	5.22E-08	3.02E-08	3.50E-08	3.17E-08	1.45E-08	6.59E-09	5.78E-10	1.40E-08	3.08E-09	4.75E-09	7.53E-09	1.33E-09	3.46E-09	3.47E-08
4828	475363.09	3861877.25	5.18E-05	5.99E-05	2.73E-05	1.79E-08	5.42E-08	3.14E-08	3.63E-08	3.29E-08	1.50E-08	6.84E-09	5.99E-10	1.45E-08	3.19E-09	4.92E-09	7.81E-09	1.38E-09	3.59E-09	3.60E-08
4829	475863.09	3861877.25	5.38E-05	6.22E-05	2.84E-05	1.87E-08	5.63E-08	3.26E-08	3.77E-08	3.42E-08	1.56E-08	7.10E-09	6.23E-10	1.50E-08	3.32E-09	5.12E-09	8.12E-09	1.43E-09	3.73E-09	3.74E-08
4830	476363.09	3861877.25	5.58E-05	6.45E-05	2.94E-05	1.94E-08	5.84E-08	3.38E-08	3.91E-08	3.54E-08	1.62E-08	7.37E-09	6.46E-10	1.56E-08	3.44E-09	5.31E-09	8.42E-09	1.48E-09	3.87E-09	3.88E-08
4831	476863.09	3861877.25	5.77E-05	6.66E-05	3.04E-05	2.00E-08	6.03E-08	3.49E-08	4.04E-08	3.66E-08	1.67E-08	7.61E-09	6.67E-10	1.61E-08	3.56E-09	5.48E-09	8.70E-09	1.53E-09	4.00E-09	4.00E-08
4832	477363.09	3861877.25	5.84E-05	6.75E-05	3.08E-05	2.03E-08	6.11E-08	3.54E-08	4.09E-08	3.71E-08	1.69E-08	7.72E-09	6.76E-10	1.63E-08	3.60E-09	5.55E-09	8.81E-09	1.55E-09	4.05E-09	4.06E-08
4833	477863.09	3861877.25	5.28E-05	6.10E-05	2.81E-05	1.83E-08	5.53E-08	3.20E-08	3.70E-08	3.35E-08	1.53E-08	7.03E-09	6.11E-10	1.48E-08	3.26E-09	5.02E-09	7.96E-09	1.40E-09	3.69E-09	3.67E-08
4834	478363.09	3861877.25	2.86E-05	3.30E-05	1.53E-05	9.92E-09	2.99E-08	1.73E-08	2.00E-08	1.81E-08	8.27E-09	3.82E-09	3.31E-10	8.00E-09	1.76E-09	2.72E-09	4.31E-09	7.59E-10	2.01E-09	1.99E-08
4835	478863.09	3861877.25	4.68E-05	5.41E-05	2.48E-05	1.62E-08	4.90E-08	2.84E-08	3.28E-08	2.97E-08	1.35E-08	6.22E-09	5.42E-10	1.31E-08	2.89E-09	4.45E-09	7.05E-09	1.24E-09	3.26E-09	3.25E-08
4836	479363.09	3861877.25	4.50E-05	5.19E-05	2.38E-05	1.56E-08	4.71E-08	2.72E-08	3.15E-08	2.85E-08	1.30E-08	5.97E-09	5.20E-10	1.26E-08	2.77E-09	4.27E-09	6.78E-09	1.19E-09	3.13E-09	3.12E-08
4837	479863.09	3861877.25	7.29E-05	8.43E-05	3.84E-05	2.53E-08	7.63E-08	4.42E-08	5.11E-08	4.63E-08	2.11E-08	9.62E-09	8.44E-10	2.04E-08	4.50E-09	6.94E-09	1.10E-08	1.94E-09	5.05E-09	5.07E-08
4838	480363.09	3861877.25	7.78E-05	9.00E-05	4.09E-05	2.70E-08	8.15E-08	4.72E-08	5.45E-08	4.94E-08	2.26E-08	1.03E-08	9.01E-10	2.18E-08	4.80E-09	7.40E-09	1.17E-08	2.07E-09	5.38E-09	5.41E-08
4839	480863.09	3861877.25	8.29E-05	9.59E-05	4.36E-05	2.87E-08	8.68E-08	5.02E-08	5.81E-08	5.27E-08	2.40E-08	1.09E-08	9.60E-10	2.32E-08	5.12E-09	7.89E-09	1.25E-08	2.21E-09	5.73E-09	5.76E-08
4840	481363.09	3861877.25	8.85E-05	1.02E-04	4.65E-05	3.07E-08	9.26E-08	5.36E-08	6.20E-08	5.62E-08	2.56E-08	1.16E-08	1.02E-09	2.47E-08	5.46E-09	8.41E-09	1.33E-08	2.35E-09	6.11E-09	6.14E-08
4841	481863.09	3861877.25	9.37E-05	1.08E-04	4.92E-05	3.25E-08	9.81E-08	5.68E-08	6.57E-08	5.95E-08	2.72E-08	1.23E-08	1.08E-09	2.62E-08	5.78E-09	8.91E-09	1.41E-08	2.49E-09	6.47E-09	6.51E-08
4842	482363.09	3861877.25	9.76E-05	1.13E-04	5.13E-05	3.38E-08	1.02E-07	5.92E-08	6.84E-08	6.20E-08	2.83E-08	1.28E-08	1.13E-09	2.73E-08	6.02E-09	9.29E-09	1.47E-08	2.60E-09	6.74E-09	6.78E-08
4843	482863.09	3861877.25	1.02E-04	1.18E-04	5.35E-05	3.53E-08	1.07E-07	6.17E-08	7.14E-08	6.47E-08	2.95E-08	1.34E-08	1.18E-09	2.85E-08	6.29E-09	9.69E-09	1.54E-08	2.71E-09	7.04E-09	7.08E-08
4844	483363.09	3861877.25	1.05E-04	1.22E-04	5.52E-05	3.65E-08	1.10E-07	6.37E-08	7.37E-08	6.68E-08	3.05E-08	1.38E-08	1.22E-09	2.94E-08	6.49E-09	1.00E-08	1.59E-08	2.80E-09	7.26E-09	7.31E-08
4845	483863.09	3861877.25	1.07E-04	1.23E-04	5.60E-05	3.70E-08	1.12E-07	6.47E-08	7.48E-08	6.78E-08	3.09E-08	1.40E-08	1.24E-09	2.98E-08	6.59E-09	1.02E-08	1.61E-08	2.84E-09	7.37E-09	7.41E-08
4846	484363.09	3861877.25	1.06E-04	1.22E-04	5.54E-05	3.66E-08	1.11E-07	6.40E-08	7.40E-08	6.71E-08	3.06E-08	1.39E-08	1.22E-09	2.95E-08	6.52E-09	1.01E-08	1.59E-08	2.81E-09	7.29E-09	7.34E-08
4847	484863.09	3861877.25	1.04E-04	1.20E-04	5.45E-05	3.60E-08	1.09E-07	6.30E-08	7.29E-08	6.61E-08	3.01E-08	1.37E-08	1.20E-09	2.91E-08	6.42E-09	9.89E-09	1.57E-08	2.77E-09	7.17E-09	7.22E-08
4848	485363.09	3861877.25	1.01E-04	1.16E-04	5.27E-05	3.49E-08	1.05E-07	6.09E-08	7.05E-08	6.39E-08	2.91E-08	1.32E-08	1.16E-09	2.81E-08	6.20E-09	9.57E-09	1.52E-08	2.67E-09	6.93E-09	6.98E-08
4849	485863.09	3861877.25	9.50E-05	1.10E-04	4.99E-05	3.29E-08	9.94E-08	5.76E-08	6.66E-08	6.03E-08	2.75E-08	1.25E-08	1.10E-09	2.66E-08	5.86E-09	9.04E-09	1.43E-08	2.53E-09	6.56E-09	6.60E-08
4850	486363.09	3861877.25	9.30E-05	1.08E-04	4.88E-05	3.22E-08	9.74E-08	5.64E-08	6.52E-08	5.91E-08	2.70E-08	1.22E-08	1.08E-09	2.60E-08	5.74E-09	8.85E-09	1.40E-08	2.47E-09	6.42E-09	6.46E-08
4851	486863.09	3861877.25	9.30E-05	1.08E-04	4.88E-05	3.22E-08	9.74E-08	5.64E-08	6.52E-08	5.91E-08	2.70E-08	1.22E-08	1.08E-09	2.60E-08	5.74E-09	8.85E-09	1.40E-08	2.47E-09	6.41E-09	6.46E-08
4852	487363.09	3861877.25	9.46E-05	1.09E-04	4.96E-05	3.28E-08	9.90E-08	5.73E-08	6.63E-08	6.01E-08	2.74E-08	1.24E-08	1.10E-09	2.65E-08	5.84E-09	9.00E-09	1.43E-08	2.52E-09	6.53E-09	6.57E-08
4853	487863.09	3861877.25	9.60E-05	1.11E-04	5.04E-05	3.33E-08	1.00E-07	5.82E-08	6.73E-08	6.10E-08	2.78E-08	1.26E-08	1.11E-09	2.68E-08	5.92E-09	9.13E-09	1.45E-08	2.55E-09	6.63E-09	6.67E-08
4854	488363.09	3861877.25	9.39E-05	1.09E-04	4.93E-05	3.25E-08	9.82E-08	5.69E-08	6.58E-08	5.96E-08	2.72E-08	1.24E-08	1.09E-09	2.62E-08	5.79E-09	8.93E-09	1.42E-08	2.50E-09	6.48E-09	6.52E-08
4855	488863.09	3861877.25	9.42E-05	1.09E-04	4.94E-05	3.27E-08	9.86E-08	5.71E-08	6.60E-08	5.99E-08	2.73E-08	1.24E-08	1.09E-09	2.63E-08	5.81E-09	8.96E-09	1.42E-08	2.51E-09	6.50E-09	6.54E-08
4856	489363.09	3861877.25	9.71E-05	1.12E-04	5.09E-05	3.37E-08	1.02E-07	5.88E-08	6.81E-08	6.17E-08	2.82E-08	1.28E-08	1.12E-09	2.72E-08	5.99E-09	9.24E-09	1.47E-08	2.58E-09	6.69E-09	6.75E-08
4857	489863.09	3861877.25	9.90E-05	1.14E-04	5.19E-05	3.43E-08	1.04E-07	6.00E-08	6.94E-08	6.29E-08	2.87E-08	1.30E-08	1.15E-09	2.77E-08	6.11E-09	9.42E-09	1.49E-08	2.63E-09	6.82E-09	6.87E-08
4858	490363.09	3861877.25	1.00E-04	1.16E-04	5.25E-05	3.47E-08	1.05E-07	6.06E-08	7.01E-08	6.36E-08	2.90E-08	1.32E-08	1.16E-09	2.80E-08	6.18E-09	9.52E-09	1.51E-08	2.66E-09	6.91E-09	6.95E-08
4859	490863.09	3861877.25	1.01E-04	1.17E-04	5.30E-05	3.49E-08	1.05E-07	6.11E-08	7.06E-08	6.40E-08	2.92E-08	1.33E-08	1.17E-09	2.82E-08	6.22E-09	9.59E-09	1.52E-08	2.68E-09	6.96E-09	7.00E-08
4860	491363.09	3861877.25	1.03E-04	1.19E-04	5.39E-05	3.55E-08	1.07E-07	6.21E-08	7.19E-08	6.51E-08	2.97E-08	1.35E-08	1.19E-09	2.87E-08	6.33E-09	9.76E-09	1.55E-08	2.73E-09	7.08E-09	7.12E-08
4861	491863.09	3861877.25	1.08E-04	1.25E-04	5.68E-05	3.75E-08	1.13E-07	6.56E-08	7.58E-08	6.87E-08	3.14E-08	1.42E-08	1.25E-09	3.02E-08	6.67E-09	1.03E-08	1.63E-08	2.88E-09	7.47E-09	7.51E-08
4862	492363.09	3861877.25	1.07E-04	1.23E-04	5.60E-05	3.69E-08	1.12E-07	6.45E-08	7.46E-08	6.77E-08	3.09E-08	1.40E-08	1.23E-09	2.98E-08	6.57E-09	1.01E-08	1.61E-08	2.83E-09	7.36E-09	7.40E-08
4863	492863.09	3861877.25	1.00E-04	1.16E-04	5.27E-05	3.48E-08	1.05E-07	6.08E-08	7.03E-08	6.37E-08	2.91E-08	1.32E-08	1.16E-09	2.81E-08	6.19E-09	9.55E-09	1.51E-08	2.67E-09	6.94E-09	6.97E-08
4864	493363.09	3861877.25	9.61E-05	1.11E-04	5.05E-05	3.33E-08	1.01E-07	5.82E-08	6.73E-08	6.10E-08	2.78E-08	1.27E-08	1.11E-09	2.69E-08	5.93E-09	9.14E-09	1.45E-08	2.56E-09	6.64E-09	6.68E-08
4865	493863.09	3861877.25	9.53E-05	1.10E-04	5.01E-05	3.30E-08	9.97E-08	5.77E-08	6.67E-08	6.05E-08	2.76E-08	1.25E-08	1.10E-09	2.66E-08	5.88E-09	9.06E-09	1.44E-08	2.53E-09	6.59E-09	6.62E-08
4866	494363.09	3861877.25	9.56E-05	1.10E-04	5.03E-05	3.31E-08	1.00E-07	5.79E-08	6.69E-08	6.07E-08	2.77E-08	1.26E-08	1.11E-09	2.67E-08	5.89E-09	9.09E-09	1.44E-08	2.54E-09	6.61E-09	6.64E-08
4867	494863.09	3861877.25	9.74E-05	1.13E-04	5.12E-05	3.38E-08	1.02E-07	5.90E-08	6.82E-08	6.18E-08	2.82E-08	1.28E-08	1.13E-09	2.72E-08	6.01E-09	9.26E-09	1.47E-08	2.59E-09	6.74E-09	6.77E-08
4868	495363.09	3861877.25	1.01E-04	1.16E-04	5.29E-05	3.49E-08	1.05E-07	6.10E-08	7.05E-08	6.39E-08	2.92E-08	1.33E-08	1.17E-09	2.82E-08	6.21E-09	9.58E-09	1.52E-08	2.68E-09	6.96E-09	6.99E-08

4869	495863.09	3861877.25	1.05E-04	1.21E-04	5.50E-05	3.63E-08	1.10E-07	6.34E-08	7.33E-08	6.65E-08	3.03E-08	1.38E-08	1.21E-09	2.93E-08	6.46E-09	9.96E-09	1.58E-08	2.78E-09	7.23E-09	7.27E-08
4870	496363.09	3861877.25	1.08E-04	1.25E-04	5.66E-05	3.74E-08	1.13E-07	6.53E-08	7.55E-08	6.85E-08	3.12E-08	1.42E-08	1.25E-09	3.01E-08	6.65E-09	1.03E-08	1.63E-08	2.87E-09	7.45E-09	7.49E-08
4871	496863.09	3861877.25	1.15E-04	1.33E-04	6.05E-05	3.99E-08	1.20E-07	6.97E-08	8.06E-08	7.31E-08	3.33E-08	1.51E-08	1.33E-09	3.22E-08	7.10E-09	1.09E-08	1.74E-08	3.06E-09	7.95E-09	7.99E-08
4872	497363.09	3861877.25	1.09E-04	1.27E-04	5.75E-05	3.79E-08	1.15E-07	6.63E-08	7.67E-08	6.95E-08	3.17E-08	1.44E-08	1.27E-09	3.06E-08	6.75E-09	1.04E-08	1.65E-08	2.91E-09	7.57E-09	7.60E-08
4873	497863.09	3861877.25	1.06E-04	1.22E-04	5.56E-05	3.67E-08	1.11E-07	6.41E-08	7.41E-08	6.71E-08	3.06E-08	1.39E-08	1.22E-09	2.96E-08	6.52E-09	1.01E-08	1.60E-08	2.81E-09	7.31E-09	7.35E-08
4874	498363.09	3861877.25	1.03E-04	1.19E-04	5.42E-05	3.57E-08	1.08E-07	6.24E-08	7.21E-08	6.54E-08	2.98E-08	1.36E-08	1.19E-09	2.88E-08	6.35E-09	9.79E-09	1.55E-08	2.74E-09	7.12E-09	7.15E-08
4875	471363.09	3862377.25	3.78E-05	4.37E-05	1.99E-05	1.31E-08	3.96E-08	2.29E-08	2.65E-08	2.40E-08	1.09E-08	5.00E-09	4.37E-10	1.06E-08	2.33E-09	3.59E-09	5.70E-09	1.00E-09	2.62E-09	2.63E-08
4876	471863.09	3862377.25	3.93E-05	4.55E-05	2.07E-05	1.36E-08	4.12E-08	2.38E-08	2.75E-08	2.50E-08	1.14E-08	5.20E-09	4.55E-10	1.10E-08	2.43E-09	3.74E-09	5.93E-09	1.05E-09	2.73E-09	2.73E-08
4877	472363.09	3862377.25	4.06E-05	4.69E-05	2.14E-05	1.41E-08	4.25E-08	2.46E-08	2.84E-08	2.58E-08	1.18E-08	5.36E-09	4.70E-10	1.13E-08	2.50E-09	3.86E-09	6.12E-09	1.08E-09	2.82E-09	2.82E-08
4878	472863.09	3862377.25	4.17E-05	4.82E-05	2.20E-05	1.44E-08	4.36E-08	2.52E-08	2.92E-08	2.64E-08	1.21E-08	5.51E-09	4.82E-10	1.16E-08	2.57E-09	3.96E-09	6.28E-09	1.11E-09	2.89E-09	2.89E-08
4879	473363.09	3862377.25	4.27E-05	4.93E-05	2.25E-05	1.48E-08	4.47E-08	2.59E-08	2.99E-08	2.71E-08	1.24E-08	5.64E-09	4.94E-10	1.19E-08	2.63E-09	4.06E-09	6.44E-09	1.13E-09	2.96E-09	2.96E-08
4880	473863.09	3862377.25	4.38E-05	5.07E-05	2.31E-05	1.52E-08	4.59E-08	2.66E-08	3.07E-08	2.78E-08	1.27E-08	5.79E-09	5.07E-10	1.23E-08	2.70E-09	4.17E-09	6.61E-09	1.17E-09	3.04E-09	3.04E-08
4881	474363.09	3862377.25	4.53E-05	5.23E-05	2.39E-05	1.57E-08	4.74E-08	2.74E-08	3.17E-08	2.87E-08	1.31E-08	5.98E-09	5.24E-10	1.26E-08	2.79E-09	4.30E-09	6.82E-09	1.20E-09	3.14E-09	3.14E-08
4882	474863.09	3862377.25	4.68E-05	5.41E-05	2.47E-05	1.62E-08	4.90E-08	2.84E-08	3.28E-08	2.97E-08	1.36E-08	6.19E-09	5.42E-10	1.31E-08	2.89E-09	4.45E-09	7.06E-09	1.24E-09	3.25E-09	3.25E-08
4883	475363.09	3862377.25	4.83E-05	5.59E-05	2.55E-05	1.68E-08	5.06E-08	2.93E-08	3.38E-08	3.07E-08	1.40E-08	6.39E-09	5.59E-10	1.35E-08	2.98E-09	4.60E-09	7.29E-09	1.28E-09	3.35E-09	3.36E-08
4884	475863.09	3862377.25	4.97E-05	5.74E-05	2.62E-05	1.72E-08	5.20E-08	3.01E-08	3.48E-08	3.15E-08	1.44E-08	6.56E-09	5.75E-10	1.39E-08	3.06E-09	4.72E-09	7.49E-09	1.32E-09	3.44E-09	3.45E-08
4885	476363.09	3862377.25	5.08E-05	5.87E-05	2.68E-05	1.76E-08	5.31E-08	3.08E-08	3.55E-08	3.22E-08	1.47E-08	6.71E-09	5.88E-10	1.42E-08	3.13E-09	4.83E-09	7.66E-09	1.35E-09	3.52E-09	3.53E-08
4886	476863.09	3862377.25	5.15E-05	5.96E-05	2.72E-05	1.79E-08	5.39E-08	3.12E-08	3.61E-08	3.27E-08	1.49E-08	6.81E-09	5.96E-10	1.44E-08	3.18E-09	4.90E-09	7.77E-09	1.37E-09	3.57E-09	3.58E-08
4887	477363.09	3862377.25	5.19E-05	6.00E-05	2.74E-05	1.80E-08	5.43E-08	3.15E-08	3.64E-08	3.30E-08	1.50E-08	6.86E-09	6.01E-10	1.45E-08	3.20E-09	4.94E-09	7.83E-09	1.38E-09	3.60E-09	3.61E-08
4888	477863.09	3862377.25	5.07E-05	5.86E-05	2.69E-05	1.76E-08	5.31E-08	3.07E-08	3.55E-08	3.22E-08	1.47E-08	6.74E-09	5.87E-10	1.42E-08	3.13E-09	4.82E-09	7.64E-09	1.35E-09	3.54E-09	3.52E-08
4889	478363.09	3862377.25	4.64E-05	5.36E-05	2.46E-05	1.61E-08	4.86E-08	2.81E-08	3.25E-08	2.94E-08	1.34E-08	6.17E-09	5.37E-10	1.30E-08	2.86E-09	4.41E-09	6.99E-09	1.23E-09	3.24E-09	3.23E-08
4890	478863.09	3862377.25	5.02E-05	5.80E-05	2.65E-05	1.74E-08	5.25E-08	3.04E-08	3.51E-08	3.19E-08	1.45E-08	6.65E-09	5.81E-10	1.40E-08	3.10E-09	4.77E-09	7.57E-09	1.33E-09	3.49E-09	3.49E-08
4891	479363.09	3862377.25	5.85E-05	6.76E-05	3.09E-05	2.03E-08	6.12E-08	3.54E-08	4.10E-08	3.71E-08	1.69E-08	7.74E-09	6.77E-10	1.64E-08	3.61E-09	5.56E-09	8.82E-09	1.55E-09	4.06E-09	4.06E-08
4892	479863.09	3862377.25	6.77E-05	7.82E-05	3.56E-05	2.34E-08	7.08E-08	4.10E-08	4.74E-08	4.30E-08	1.96E-08	8.92E-09	7.83E-10	1.89E-08	4.17E-09	6.43E-09	1.02E-08	1.80E-09	4.68E-09	4.70E-08
4893	480363.09	3862377.25	7.16E-05	8.28E-05	3.77E-05	2.48E-08	7.49E-08	4.34E-08	5.02E-08	4.55E-08	2.07E-08	9.44E-09	8.29E-10	2.00E-08	4.42E-09	6.81E-09	1.08E-08	1.90E-09	4.95E-09	4.97E-08
4894	480863.09	3862377.25	7.60E-05	8.78E-05	3.99E-05	2.63E-08	7.95E-08	4.60E-08	5.32E-08	4.82E-08	2.20E-08	1.00E-08	8.79E-10	2.12E-08	4.69E-09	7.22E-09	1.15E-08	2.02E-09	5.25E-09	5.28E-08
4895	481363.09	3862377.25	8.08E-05	9.35E-05	4.25E-05	2.80E-08	8.46E-08	4.90E-08	5.66E-08	5.13E-08	2.34E-08	1.06E-08	9.36E-10	2.26E-08	4.99E-09	7.69E-09	1.22E-08	2.15E-09	5.59E-09	5.61E-08
4896	481863.09	3862377.25	8.45E-05	9.77E-05	4.44E-05	2.93E-08	8.84E-08	5.12E-08	5.92E-08	5.36E-08	2.45E-08	1.11E-08	9.77E-10	2.36E-08	5.21E-09	8.03E-09	1.27E-08	2.25E-09	5.84E-09	5.87E-08
4897	482363.09	3862377.25	8.70E-05	1.01E-04	4.57E-05	3.01E-08	9.10E-08	5.27E-08	6.09E-08	5.52E-08	2.52E-08	1.14E-08	1.01E-09	2.43E-08	5.36E-09	8.27E-09	1.31E-08	2.31E-09	6.01E-09	6.04E-08
4898	482863.09	3862377.25	8.99E-05	1.04E-04	4.72E-05	3.12E-08	9.41E-08	5.45E-08	6.30E-08	5.71E-08	2.61E-08	1.18E-08	1.04E-09	2.51E-08	5.55E-09	8.55E-09	1.36E-08	2.39E-09	6.21E-09	6.24E-08
4899	483363.09	3862377.25	9.27E-05	1.07E-04	4.87E-05	3.21E-08	9.70E-08	5.62E-08	6.50E-08	5.89E-08	2.69E-08	1.22E-08	1.07E-09	2.59E-08	5.72E-09	8.82E-09	1.40E-08	2.47E-09	6.40E-09	6.44E-08
4900	483863.09	3862377.25	9.23E-05	1.07E-04	4.84E-05	3.20E-08	9.66E-08	5.59E-08	6.47E-08	5.86E-08	2.68E-08	1.21E-08	1.07E-09	2.58E-08	5.69E-09	8.78E-09	1.39E-08	2.46E-09	6.37E-09	6.41E-08
4901	484363.09	3862377.25	9.19E-05	1.06E-04	4.82E-05	3.19E-08	9.62E-08	5.57E-08	6.44E-08	5.84E-08	2.66E-08	1.21E-08	1.06E-09	2.57E-08	5.67E-09	8.74E-09	1.39E-08	2.44E-09	6.34E-09	6.38E-08
4902	484863.09	3862377.25	8.97E-05	1.04E-04	4.70E-05	3.11E-08	9.39E-08	5.44E-08	6.29E-08	5.70E-08	2.60E-08	1.18E-08	1.04E-09	2.51E-08	5.53E-09	8.54E-09	1.35E-08	2.39E-09	6.19E-09	6.23E-08
4903	485363.09	3862377.25	8.71E-05	1.01E-04	4.57E-05	3.02E-08	9.12E-08	5.28E-08	6.10E-08	5.53E-08	2.52E-08	1.15E-08	1.01E-09	2.44E-08	5.37E-09	8.29E-09	1.31E-08	2.32E-09	6.01E-09	6.05E-08
4904	485863.09	3862377.25	8.29E-05	9.59E-05	4.35E-05	2.87E-08	8.67E-08	5.02E-08	5.81E-08	5.26E-08	2.40E-08	1.09E-08	9.59E-10	2.32E-08	5.11E-09	7.89E-09	1.25E-08	2.20E-09	5.72E-09	5.76E-08
4905	486363.09	3862377.25	8.05E-05	9.31E-05	4.22E-05	2.79E-08	8.42E-08	4.88E-08	5.64E-08	5.11E-08	2.33E-08	1.06E-08	9.32E-10	2.25E-08	4.97E-09	7.66E-09	1.21E-08	2.14E-09	5.55E-09	5.59E-08
4906	486863.09	3862377.25	8.04E-05	9.30E-05	4.21E-05	2.79E-08	8.41E-08	4.87E-08	5.63E-08	5.11E-08	2.33E-08	1.06E-08	9.30E-10	2.25E-08	4.96E-09	7.65E-09	1.21E-08	2.14E-09	5.54E-09	5.58E-08
4907	487363.09	3862377.25	8.21E-05	9.50E-05	4.31E-05	2.85E-08	8.59E-08	4.97E-08	5.75E-08	5.22E-08	2.38E-08	1.08E-08	9.50E-10	2.30E-08	5.07E-09	7.81E-09	1.24E-08	2.18E-09	5.67E-09	5.70E-08
4908	487863.09	3862377.25	8.42E-05	9.74E-05	4.42E-05	2.92E-08	8.81E-08	5.10E-08	5.90E-08	5.35E-08	2.44E-08	1.11E-08	9.74E-10	2.35E-08	5.19E-09	8.01E-09	1.27E-08	2.24E-09	5.82E-09	5.85E-08
4909	488363.09	3862377.25	8.26E-05	9.55E-05	4.34E-05	2.86E-08	8.64E-08	5.00E-08	5.79E-08	5.25E-08	2.39E-08	1.09E-08	9.56E-10	2.31E-08	5.09E-09	7.86E-09	1.25E-08	2.20E-09	5.70E-09	5.74E-08
4910	488863.09	3862377.25	8.12E-05	9.40E-05	4.26E-05	2.82E-08	8.50E-08	4.92E-08	5.69E-08	5.16E-08	2.35E-08	1.07E-08	9.40E-10	2.27E-08	5.01E-09	7.73E-09	1.23E-08	2.16E-09	5.60E-09	5.64E-08
4911	489363.09	3862377.25	8.37E-05	9.69E-05	4.39E-05	2.90E-08	8.76E-08	5.07E-08	5.87E-08	5.32E-08	2.43E-08	1.10E-08	9.69E-10	2.34E-08	5.16E-09	7.97E-09	1.26E-08	2.23E-09	5.77E-09	5.81E-08
4912	489863.09	3862377.25	8.64E-05	9.99E-05	4.52E-05	2.99E-08	9.04E-08	5.23E-08	6.05E-08	5.49E-08	2.50E-08	1.13E-08	9.99E-10	2.41E-08	5.33E-09	8.22E-09	1.30E-08	2.30E-09	5.95E-09	6.00E-08
4913	490363.09	3862377.25	8.69E-05	1.01E-04	4.56E-05	3.01E-08	9.10E-08	5.27E-08	6.09E-08	5.52E-08	2.52E-08	1.14E-08	1.01E-09	2.43E-08	5.36E-09	8.27E-09	1.31E-08	2.31E-09	5.99E-09	6.04E-08
4914	490863.09	3862377.25	8.87E-05	1.03E-04	4.65E-05	3.07E-08	9.28E-08	5.37E-08	6.21E-08	5.63E-08	2.57E-08	1.17E-08	1.03E-09	2.48E-08	5.47E-09	8.43E-09	1.34E-08	2.36E-09	6.12E-09	6.16E-08
4915	491363.09	3862377.25	8.85E-05	1.02E-04	4.65E-05	3.07E-08	9.26E-08	5.36E-08	6.20E-08	5.62E-08	2.56E-08	1.16E-08	1.02E-09	2.47E-08	5.46E-09	8.42E-09	1.34E-08	2.35E-09	6.11E-09	6.15E-08
4916	491863.09	3862377.25	8.93E-05	1.03E-04	4.69E-05	3.09E-08	9.34E-08	5.41E-08	6.25E-08	5.67E-08	2.59E-08	1.17E-08	1.03E-09	2.50E-08	5.51E-09	8.49E-09	1.35E-08	2.37E-09	6.16E-09	6.20E-08
4917	492363.09	3862377.25	9.41E-05	1.09E-04	4.94E-05	3.26E-08	9.84E-08	5.70E-08	6.59E-08	5.97E-08	2.73E-08	1.24E-08	1.09E-09	2.63E-08	5.80E-09	8.95E-09	1.42E-08	2.50E-09	6.49E-09	6.53E-08
4918	492863.09	3862377.25	9.41E-05	1.09E-04	4.94E-05	3.26E-08	9.85E-08	5.70E-08	6.59E-08	5.98E-08	2.73E-08	1.24E-08	1.09E-09	2.63E-08	5.80E-09	8.95E-09	1.42E-08	2.50E-09	6.50E-09	6.53E-08
4919	493363.09	3862377.25	8.91E-05	1.03E-04	4.68E-05	3.09E-08	9.32E-08	5.40E-08	6.24E-08	5.66E-08	2.58E-08	1.17E-08	1.03E-09	2.49E-08	5.50E-09	8.47E-09	1.34E-08	2.37E-09	6.15E-09	6.19E-08
4920	493863.09	3862377.25	8.45E-05	9.77E-05	4.44E-05	2.93E-08	8.85E-08	5.12E-08	5.92E-08	5.37E-08	2.45E-08	1.11E-08	9.78E-10	2.36E-08	5.21E-09	8.04E-09	1.28E-08	2.25E-09	5.84E-09	5.87E-08
4921	494363.09	3862377.25	8.31E-05	9.60E-05	4.37E-05	2.88E-08	8.69E-08	5.03E-08	5.82E-08	5.27E-08	2.41E-08	1.09E-08	9.61E-10	2.32E-08	5.12E-09	7.90E-09	1.25E-08	2.21E-09	5.74E-09	5.77E-08

4922	494863.09	3862377.25	8.33E-05	9.63E-05	4.38E-05	2.89E-08	8.71E-08	5.05E-08	5.83E-08	5.29E-08	2.41E-08	1.10E-08	9.64E-10	2.33E-08	5.14E-09	7.92E-09	1.26E-08	2.21E-09	5.76E-09	5.78E-08
4923	495363.09	3862377.25	8.33E-05	9.63E-05	4.38E-05	2.89E-08	8.71E-08	5.04E-08	5.83E-08	5.29E-08	2.41E-08	1.10E-08	9.64E-10	2.33E-08	5.14E-09	7.92E-09	1.26E-08	2.21E-09	5.76E-09	5.78E-08
4924	495863.09	3862377.25	8.47E-05	9.80E-05	4.46E-05	2.94E-08	8.87E-08	5.13E-08	5.94E-08	5.38E-08	2.46E-08	1.12E-08	9.81E-10	2.37E-08	5.23E-09	8.06E-09	1.28E-08	2.25E-09	5.86E-09	5.89E-08
4925	496363.09	3862377.25	8.76E-05	1.01E-04	4.60E-05	3.03E-08	9.16E-08	5.30E-08	6.13E-08	5.56E-08	2.54E-08	1.15E-08	1.01E-09	2.45E-08	5.40E-09	8.33E-09	1.32E-08	2.33E-09	6.05E-09	6.08E-08
4926	496863.09	3862377.25	9.17E-05	1.06E-04	4.82E-05	3.18E-08	9.60E-08	5.55E-08	6.42E-08	5.82E-08	2.66E-08	1.21E-08	1.06E-09	2.56E-08	5.66E-09	8.72E-09	1.38E-08	2.44E-09	6.33E-09	6.37E-08
4927	497363.09	3862377.25	9.31E-05	1.08E-04	4.89E-05	3.23E-08	9.74E-08	5.64E-08	6.52E-08	5.91E-08	2.70E-08	1.22E-08	1.08E-09	2.60E-08	5.74E-09	8.86E-09	1.40E-08	2.48E-09	6.43E-09	6.47E-08
4928	497863.09	3862377.25	9.31E-05	1.08E-04	4.89E-05	3.23E-08	9.74E-08	5.64E-08	6.52E-08	5.91E-08	2.70E-08	1.23E-08	1.08E-09	2.60E-08	5.74E-09	8.85E-09	1.40E-08	2.48E-09	6.43E-09	6.46E-08
4929	498363.09	3862377.25	9.12E-05	1.05E-04	4.79E-05	3.16E-08	9.54E-08	5.53E-08	6.39E-08	5.79E-08	2.64E-08	1.20E-08	1.06E-09	2.55E-08	5.63E-09	8.67E-09	1.38E-08	2.43E-09	6.30E-09	6.33E-08
4930	471363.09	3862877.25	3.63E-05	4.20E-05	1.92E-05	1.26E-08	3.80E-08	2.20E-08	2.54E-08	2.30E-08	1.05E-08	4.80E-09	4.20E-10	1.02E-08	2.24E-09	3.45E-09	5.48E-09	9.65E-10	2.52E-09	2.52E-08
4931	471863.09	3862877.25	3.72E-05	4.30E-05	1.96E-05	1.29E-08	3.89E-08	2.25E-08	2.61E-08	2.36E-08	1.08E-08	4.92E-09	4.31E-10	1.04E-08	2.30E-09	3.54E-09	5.61E-09	9.89E-10	2.58E-09	2.58E-08
4932	472363.09	3862877.25	3.80E-05	4.40E-05	2.01E-05	1.32E-08	3.98E-08	2.30E-08	2.66E-08	2.41E-08	1.10E-08	5.03E-09	4.40E-10	1.06E-08	2.35E-09	3.62E-09	5.74E-09	1.01E-09	2.64E-09	2.64E-08
4933	472863.09	3862877.25	3.89E-05	4.50E-05	2.05E-05	1.35E-08	4.07E-08	2.36E-08	2.73E-08	2.47E-08	1.13E-08	5.15E-09	4.51E-10	1.09E-08	2.40E-09	3.70E-09	5.87E-09	1.03E-09	2.70E-09	2.70E-08
4934	473363.09	3862877.25	3.99E-05	4.62E-05	2.11E-05	1.38E-08	4.18E-08	2.42E-08	2.80E-08	2.54E-08	1.16E-08	5.28E-09	4.62E-10	1.12E-08	2.46E-09	3.80E-09	6.02E-09	1.06E-09	2.77E-09	2.77E-08
4935	473863.09	3862877.25	4.11E-05	4.75E-05	2.17E-05	1.42E-08	4.30E-08	2.49E-08	2.88E-08	2.61E-08	1.19E-08	5.44E-09	4.76E-10	1.15E-08	2.54E-09	3.91E-09	6.20E-09	1.09E-09	2.85E-09	2.86E-08
4936	474363.09	3862877.25	4.23E-05	4.89E-05	2.23E-05	1.47E-08	4.43E-08	2.56E-08	2.96E-08	2.69E-08	1.23E-08	5.60E-09	4.90E-10	1.18E-08	2.61E-09	4.02E-09	6.38E-09	1.13E-09	2.94E-09	2.94E-08
4937	474863.09	3862877.25	4.34E-05	5.01E-05	2.29E-05	1.50E-08	4.54E-08	2.63E-08	3.04E-08	2.75E-08	1.26E-08	5.74E-09	5.02E-10	1.21E-08	2.68E-09	4.12E-09	6.54E-09	1.15E-09	3.01E-09	3.01E-08
4938	475363.09	3862877.25	4.41E-05	5.10E-05	2.33E-05	1.53E-08	4.62E-08	2.67E-08	3.09E-08	2.80E-08	1.28E-08	5.83E-09	5.11E-10	1.23E-08	2.72E-09	4.19E-09	6.65E-09	1.17E-09	3.06E-09	3.06E-08
4939	475863.09	3862877.25	4.47E-05	5.16E-05	2.36E-05	1.55E-08	4.68E-08	2.71E-08	3.13E-08	2.84E-08	1.29E-08	5.91E-09	5.17E-10	1.25E-08	2.76E-09	4.25E-09	6.74E-09	1.19E-09	3.10E-09	3.10E-08
4940	476363.09	3862877.25	4.52E-05	5.22E-05	2.38E-05	1.57E-08	4.73E-08	2.74E-08	3.16E-08	2.87E-08	1.31E-08	5.97E-09	5.23E-10	1.26E-08	2.79E-09	4.30E-09	6.81E-09	1.20E-09	3.13E-09	3.14E-08
4941	476863.09	3862877.25	4.62E-05	5.33E-05	2.43E-05	1.60E-08	4.83E-08	2.80E-08	3.23E-08	2.93E-08	1.34E-08	6.10E-09	5.34E-10	1.29E-08	2.85E-09	4.39E-09	6.96E-09	1.23E-09	3.20E-09	3.21E-08
4942	477363.09	3862877.25	4.79E-05	5.53E-05	2.52E-05	1.66E-08	5.01E-08	2.90E-08	3.35E-08	3.04E-08	1.39E-08	6.32E-09	5.54E-10	1.34E-08	2.95E-09	4.55E-09	7.22E-09	1.27E-09	3.32E-09	3.32E-08
4943	477863.09	3862877.25	4.98E-05	5.76E-05	2.63E-05	1.73E-08	5.22E-08	3.02E-08	3.49E-08	3.16E-08	1.44E-08	6.59E-09	5.77E-10	1.39E-08	3.07E-09	4.74E-09	7.52E-09	1.32E-09	3.46E-09	3.46E-08
4944	478363.09	3862877.25	4.97E-05	5.74E-05	2.63E-05	1.72E-08	5.20E-08	3.01E-08	3.48E-08	3.15E-08	1.44E-08	6.58E-09	5.75E-10	1.39E-08	3.07E-09	4.72E-09	7.49E-09	1.32E-09	3.45E-09	3.45E-08
4945	478863.09	3862877.25	5.30E-05	6.13E-05	2.80E-05	1.84E-08	5.55E-08	3.21E-08	3.71E-08	3.37E-08	1.54E-08	7.02E-09	6.14E-10	1.48E-08	3.27E-09	5.04E-09	8.00E-09	1.41E-09	3.68E-09	3.68E-08
4946	479363.09	3862877.25	5.58E-05	6.44E-05	2.94E-05	1.93E-08	5.84E-08	3.38E-08	3.90E-08	3.54E-08	1.61E-08	7.37E-09	6.45E-10	1.56E-08	3.44E-09	5.30E-09	8.41E-09	1.48E-09	3.87E-09	3.87E-08
4947	479863.09	3862877.25	6.27E-05	7.25E-05	3.30E-05	2.17E-08	6.56E-08	3.80E-08	4.39E-08	3.98E-08	1.82E-08	8.27E-09	7.26E-10	1.75E-08	3.87E-09	5.96E-09	9.46E-09	1.67E-09	4.34E-09	4.36E-08
4948	480363.09	3862877.25	6.60E-05	7.64E-05	3.48E-05	2.29E-08	6.91E-08	4.00E-08	4.63E-08	4.19E-08	1.91E-08	8.71E-09	7.64E-10	1.85E-08	4.07E-09	6.28E-09	9.96E-09	1.76E-09	4.57E-09	4.59E-08
4949	480863.09	3862877.25	7.04E-05	8.13E-05	3.70E-05	2.44E-08	7.36E-08	4.26E-08	4.93E-08	4.47E-08	2.04E-08	9.27E-09	8.14E-10	1.97E-08	4.34E-09	6.69E-09	1.06E-08	1.87E-09	4.87E-09	4.89E-08
4950	481363.09	3862877.25	7.39E-05	8.54E-05	3.88E-05	2.56E-08	7.73E-08	4.48E-08	5.18E-08	4.69E-08	2.14E-08	9.73E-09	8.55E-10	2.07E-08	4.56E-09	7.03E-09	1.11E-08	1.96E-09	5.11E-09	5.13E-08
4951	481863.09	3862877.25	7.67E-05	8.87E-05	4.03E-05	2.66E-08	8.03E-08	4.65E-08	5.38E-08	4.87E-08	2.22E-08	1.01E-08	8.88E-10	2.15E-08	4.73E-09	7.30E-09	1.16E-08	2.04E-09	5.30E-09	5.33E-08
4952	482363.09	3862877.25	7.73E-05	8.93E-05	4.06E-05	2.68E-08	8.08E-08	4.68E-08	5.41E-08	4.91E-08	2.24E-08	1.02E-08	8.94E-10	2.16E-08	4.77E-09	7.35E-09	1.17E-08	2.05E-09	5.34E-09	5.37E-08
4953	482863.09	3862877.25	8.01E-05	9.27E-05	4.21E-05	2.78E-08	8.38E-08	4.85E-08	5.61E-08	5.09E-08	2.32E-08	1.05E-08	9.27E-10	2.24E-08	4.94E-09	7.62E-09	1.21E-08	2.13E-09	5.53E-09	5.56E-08
4954	483363.09	3862877.25	8.17E-05	9.45E-05	4.29E-05	2.83E-08	8.55E-08	4.95E-08	5.72E-08	5.19E-08	2.37E-08	1.07E-08	9.45E-10	2.28E-08	5.04E-09	7.77E-09	1.23E-08	2.17E-09	5.64E-09	5.67E-08
4955	483863.09	3862877.25	8.09E-05	9.36E-05	4.25E-05	2.81E-08	8.47E-08	4.90E-08	5.67E-08	5.14E-08	2.35E-08	1.06E-08	9.37E-10	2.26E-08	4.99E-09	7.70E-09	1.22E-08	2.15E-09	5.58E-09	5.62E-08
4956	484363.09	3862877.25	8.01E-05	9.27E-05	4.20E-05	2.78E-08	8.38E-08	4.85E-08	5.61E-08	5.09E-08	2.32E-08	1.05E-08	9.27E-10	2.24E-08	4.94E-09	7.62E-09	1.21E-08	2.13E-09	5.53E-09	5.56E-08
4957	484863.09	3862877.25	7.90E-05	9.14E-05	4.15E-05	2.74E-08	8.27E-08	4.79E-08	5.54E-08	5.02E-08	2.29E-08	1.04E-08	9.15E-10	2.21E-08	4.88E-09	7.52E-09	1.19E-08	2.10E-09	5.45E-09	5.49E-08
4958	485363.09	3862877.25	7.68E-05	8.88E-05	4.03E-05	2.66E-08	8.04E-08	4.65E-08	5.38E-08	4.88E-08	2.23E-08	1.01E-08	8.89E-10	2.15E-08	4.74E-09	7.31E-09	1.16E-08	2.04E-09	5.30E-09	5.33E-08
4959	485863.09	3862877.25	7.24E-05	8.38E-05	3.80E-05	2.51E-08	7.58E-08	4.39E-08	5.07E-08	4.60E-08	2.10E-08	9.52E-09	8.38E-10	2.02E-08	4.47E-09	6.89E-09	1.09E-08	1.93E-09	4.99E-09	5.03E-08
4960	486363.09	3862877.25	7.10E-05	8.21E-05	3.72E-05	2.46E-08	7.43E-08	4.30E-08	4.97E-08	4.51E-08	2.06E-08	9.33E-09	8.22E-10	1.98E-08	4.38E-09	6.75E-09	1.07E-08	1.89E-09	4.89E-09	4.93E-08
4961	486863.09	3862877.25	7.02E-05	8.12E-05	3.68E-05	2.43E-08	7.35E-08	4.25E-08	4.92E-08	4.46E-08	2.04E-08	9.23E-09	8.13E-10	1.96E-08	4.33E-09	6.68E-09	1.06E-08	1.87E-09	4.84E-09	4.88E-08
4962	487363.09	3862877.25	7.20E-05	8.33E-05	3.78E-05	2.50E-08	7.54E-08	4.36E-08	5.05E-08	4.57E-08	2.09E-08	9.47E-09	8.33E-10	2.01E-08	4.44E-09	6.85E-09	1.09E-08	1.92E-09	4.97E-09	5.00E-08
4963	487863.09	3862877.25	7.44E-05	8.60E-05	3.91E-05	2.58E-08	7.78E-08	4.50E-08	5.21E-08	4.72E-08	2.15E-08	9.79E-09	8.60E-10	2.08E-08	4.59E-09	7.07E-09	1.12E-08	1.98E-09	5.14E-09	5.16E-08
4964	488363.09	3862877.25	7.39E-05	8.55E-05	3.88E-05	2.56E-08	7.73E-08	4.48E-08	5.18E-08	4.69E-08	2.14E-08	9.72E-09	8.55E-10	2.07E-08	4.56E-09	7.03E-09	1.11E-08	1.97E-09	5.10E-09	5.13E-08
4965	488863.09	3862877.25	7.14E-05	8.26E-05	3.75E-05	2.48E-08	7.47E-08	4.33E-08	5.01E-08	4.54E-08	2.07E-08	9.39E-09	8.27E-10	2.00E-08	4.41E-09	6.80E-09	1.08E-08	1.90E-09	4.93E-09	4.96E-08
4966	489363.09	3862877.25	7.22E-05	8.35E-05	3.78E-05	2.50E-08	7.56E-08	4.37E-08	5.06E-08	4.59E-08	2.09E-08	9.48E-09	8.36E-10	2.02E-08	4.45E-09	6.87E-09	1.09E-08	1.92E-09	4.98E-09	5.01E-08
4967	489863.09	3862877.25	7.52E-05	8.70E-05	3.94E-05	2.61E-08	7.87E-08	4.56E-08	5.27E-08	4.78E-08	2.18E-08	9.88E-09	8.71E-10	2.10E-08	4.64E-09	7.16E-09	1.14E-08	2.00E-09	5.18E-09	5.22E-08
4968	490363.09	3862877.25	7.63E-05	8.82E-05	4.00E-05	2.64E-08	7.98E-08	4.62E-08	5.34E-08	4.84E-08	2.21E-08	1.00E-08	8.82E-10	2.13E-08	4.70E-09	7.25E-09	1.15E-08	2.03E-09	5.26E-09	5.29E-08
4969	490863.09	3862877.25	7.67E-05	8.87E-05	4.02E-05	2.66E-08	8.03E-08	4.65E-08	5.37E-08	4.87E-08	2.22E-08	1.01E-08	8.88E-10	2.14E-08	4.73E-09	7.30E-09	1.16E-08	2.04E-09	5.29E-09	5.33E-08
4970	491363.09	3862877.25	7.92E-05	9.16E-05	4.16E-05	2.75E-08	8.29E-08	4.80E-08	5.55E-08	5.03E-08	2.30E-08	1.04E-08	9.17E-10	2.21E-08	4.89E-09	7.54E-09	1.20E-08	2.11E-09	5.47E-09	5.50E-08
4971	491863.09	3862877.25	7.77E-05	8.99E-05	4.08E-05	2.69E-08	8.13E-08	4.71E-08	5.45E-08	4.94E-08	2.25E-08	1.02E-08	9.00E-10	2.17E-08	4.80E-09	7.39E-09	1.17E-08	2.07E-09	5.37E-09	5.40E-08
4972	492363.09	3862877.25	7.90E-05	9.13E-05	4.15E-05	2.74E-08	8.26E-08	4.78E-08	5.53E-08	5.02E-08	2.29E-08	1.04E-08	9.14E-10	2.21E-08	4.87E-09	7.51E-09	1.19E-08	2.10E-09	5.45E-09	5.48E-08
4973	492863.09	3862877.25	8.30E-05	9.60E-05	4.35E-05	2.88E-08	8.68E-08	5.03E-08	5.81E-08	5.27E-08	2.40E-08	1.09E-08	9.60E-10	2.32E-08	5.12E-09	7.89E-09	1.25E-08	2.21E-09	5.73E-09	5.76E-08
4974	493363.09	3862877.25	8.37E-05	9.68E-05	4.39E-05	2.90E-08	8.76E-08	5.07E-08	5.86E-08	5.32E-08	2.43E-08	1.10E-08	9.69E-10	2.34E-08	5.16E-09	7.96E-09	1.26E-08	2.23E-09	5.78E-09	5.81E-08

4975	493863.09	3862877.25	8.01E-05	9.27E-05	4.21E-05	2.78E-08	8.39E-08	4.85E-08	5.61E-08	5.09E-08	2.32E-08	1.05E-08	9.27E-10	2.24E-08	4.94E-09	7.62E-09	1.21E-08	2.13E-09	5.54E-09	5.57E-08
4976	494363.09	3862877.25	7.57E-05	8.76E-05	3.98E-05	2.62E-08	7.92E-08	4.59E-08	5.31E-08	4.81E-08	2.19E-08	9.97E-09	8.76E-10	2.12E-08	4.67E-09	7.20E-09	1.14E-08	2.01E-09	5.23E-09	5.26E-08
4977	494863.09	3862877.25	7.32E-05	8.47E-05	3.85E-05	2.54E-08	7.66E-08	4.44E-08	5.13E-08	4.65E-08	2.12E-08	9.64E-09	8.48E-10	2.05E-08	4.52E-09	6.97E-09	1.11E-08	1.95E-09	5.06E-09	5.09E-08
4978	495363.09	3862877.25	7.30E-05	8.44E-05	3.84E-05	2.53E-08	7.64E-08	4.42E-08	5.11E-08	4.63E-08	2.11E-08	9.61E-09	8.45E-10	2.04E-08	4.50E-09	6.94E-09	1.10E-08	1.94E-09	5.04E-09	5.07E-08
4979	495863.09	3862877.25	7.32E-05	8.47E-05	3.85E-05	2.54E-08	7.66E-08	4.44E-08	5.13E-08	4.65E-08	2.12E-08	9.65E-09	8.48E-10	2.05E-08	4.52E-09	6.96E-09	1.10E-08	1.95E-09	5.06E-09	5.09E-08
4980	496363.09	3862877.25	7.38E-05	8.53E-05	3.88E-05	2.56E-08	7.72E-08	4.47E-08	5.17E-08	4.68E-08	2.14E-08	9.72E-09	8.54E-10	2.06E-08	4.55E-09	7.02E-09	1.11E-08	1.96E-09	5.10E-09	5.12E-08
4981	496863.09	3862877.25	7.53E-05	8.71E-05	3.96E-05	2.61E-08	7.88E-08	4.56E-08	5.28E-08	4.78E-08	2.18E-08	9.92E-09	8.72E-10	2.11E-08	4.65E-09	7.16E-09	1.14E-08	2.00E-09	5.21E-09	5.23E-08
4982	497363.09	3862877.25	7.77E-05	8.99E-05	4.08E-05	2.69E-08	8.13E-08	4.71E-08	5.44E-08	4.93E-08	2.25E-08	1.02E-08	8.99E-10	2.17E-08	4.79E-09	7.39E-09	1.17E-08	2.07E-09	5.37E-09	5.40E-08
4983	497863.09	3862877.25	8.01E-05	9.26E-05	4.21E-05	2.78E-08	8.38E-08	4.85E-08	5.61E-08	5.09E-08	2.32E-08	1.05E-08	9.27E-10	2.24E-08	4.94E-09	7.62E-09	1.21E-08	2.13E-09	5.53E-09	5.56E-08
4984	498363.09	3862877.25	8.18E-05	9.46E-05	4.29E-05	2.83E-08	8.56E-08	4.95E-08	5.73E-08	5.19E-08	2.37E-08	1.08E-08	9.46E-10	2.29E-08	5.04E-09	7.78E-09	1.23E-08	2.17E-09	5.64E-09	5.68E-08
4985	471363.09	3863377.25	3.43E-05	3.96E-05	1.81E-05	1.19E-08	3.58E-08	2.07E-08	2.40E-08	2.17E-08	9.92E-09	4.53E-09	3.96E-10	9.57E-09	2.11E-09	3.26E-09	5.16E-09	9.10E-10	2.38E-09	2.38E-08
4986	471863.09	3863377.25	3.50E-05	4.04E-05	1.85E-05	1.21E-08	3.66E-08	2.12E-08	2.45E-08	2.22E-08	1.01E-08	4.63E-09	4.05E-10	9.77E-09	2.16E-09	3.32E-09	5.27E-09	9.29E-10	2.43E-09	2.43E-08
4987	472363.09	3863377.25	3.57E-05	4.13E-05	1.89E-05	1.24E-08	3.74E-08	2.16E-08	2.50E-08	2.27E-08	1.03E-08	4.73E-09	4.13E-10	9.99E-09	2.20E-09	3.39E-09	5.39E-09	9.49E-10	2.48E-09	2.48E-08
4988	472863.09	3863377.25	3.66E-05	4.23E-05	1.93E-05	1.27E-08	3.83E-08	2.22E-08	2.56E-08	2.32E-08	1.06E-08	4.84E-09	4.23E-10	1.02E-08	2.26E-09	3.48E-09	5.52E-09	9.72E-10	2.54E-09	2.54E-08
4989	473363.09	3863377.25	3.74E-05	4.32E-05	1.98E-05	1.30E-08	3.91E-08	2.27E-08	2.62E-08	2.37E-08	1.08E-08	4.95E-09	4.33E-10	1.05E-08	2.31E-09	3.55E-09	5.64E-09	9.94E-10	2.60E-09	2.60E-08
4990	473863.09	3863377.25	3.82E-05	4.41E-05	2.02E-05	1.32E-08	4.00E-08	2.31E-08	2.67E-08	2.42E-08	1.11E-08	5.05E-09	4.42E-10	1.07E-08	2.36E-09	3.63E-09	5.76E-09	1.01E-09	2.65E-09	2.65E-08
4991	474363.09	3863377.25	3.88E-05	4.48E-05	2.05E-05	1.34E-08	4.06E-08	2.35E-08	2.71E-08	2.46E-08	1.12E-08	5.13E-09	4.49E-10	1.08E-08	2.39E-09	3.69E-09	5.85E-09	1.03E-09	2.69E-09	2.69E-08
4992	474863.09	3863377.25	3.91E-05	4.52E-05	2.07E-05	1.36E-08	4.09E-08	2.37E-08	2.74E-08	2.48E-08	1.13E-08	5.17E-09	4.53E-10	1.09E-08	2.41E-09	3.72E-09	5.90E-09	1.04E-09	2.72E-09	2.72E-08
4993	475363.09	3863377.25	3.96E-05	4.57E-05	2.09E-05	1.37E-08	4.14E-08	2.40E-08	2.77E-08	2.51E-08	1.15E-08	5.24E-09	4.58E-10	1.11E-08	2.44E-09	3.76E-09	5.97E-09	1.05E-09	2.75E-09	2.75E-08
4994	475863.09	3863377.25	4.03E-05	4.65E-05	2.12E-05	1.40E-08	4.21E-08	2.44E-08	2.82E-08	2.55E-08	1.17E-08	5.32E-09	4.66E-10	1.13E-08	2.48E-09	3.83E-09	6.07E-09	1.07E-09	2.79E-09	2.80E-08
4995	476363.09	3863377.25	4.13E-05	4.77E-05	2.18E-05	1.43E-08	4.32E-08	2.50E-08	2.89E-08	2.62E-08	1.19E-08	5.46E-09	4.77E-10	1.15E-08	2.55E-09	3.92E-09	6.22E-09	1.10E-09	2.86E-09	2.87E-08
4996	476863.09	3863377.25	4.29E-05	4.96E-05	2.26E-05	1.49E-08	4.49E-08	2.60E-08	3.00E-08	2.72E-08	1.24E-08	5.67E-09	4.96E-10	1.20E-08	2.65E-09	4.08E-09	6.47E-09	1.14E-09	2.98E-09	2.98E-08
4997	477363.09	3863377.25	4.52E-05	5.23E-05	2.39E-05	1.57E-08	4.73E-08	2.74E-08	3.17E-08	2.87E-08	1.31E-08	5.98E-09	5.24E-10	1.26E-08	2.79E-09	4.30E-09	6.82E-09	1.20E-09	3.14E-09	3.14E-08
4998	477863.09	3863377.25	4.80E-05	5.55E-05	2.53E-05	1.66E-08	5.03E-08	2.91E-08	3.36E-08	3.05E-08	1.39E-08	6.35E-09	5.56E-10	1.34E-08	2.96E-09	4.57E-09	7.24E-09	1.28E-09	3.33E-09	3.34E-08
4999	478363.09	3863377.25	5.03E-05	5.81E-05	2.65E-05	1.74E-08	5.26E-08	3.04E-08	3.52E-08	3.19E-08	1.46E-08	6.64E-09	5.82E-10	1.40E-08	3.10E-09	4.78E-09	7.58E-09	1.34E-09	3.49E-09	3.49E-08
5000	478863.09	3863377.25	5.25E-05	6.07E-05	2.77E-05	1.82E-08	5.49E-08	3.18E-08	3.68E-08	3.33E-08	1.52E-08	6.94E-09	6.08E-10	1.47E-08	3.24E-09	4.99E-09	7.92E-09	1.40E-09	3.64E-09	3.65E-08
5001	479363.09	3863377.25	5.54E-05	6.41E-05	2.92E-05	1.92E-08	5.80E-08	3.36E-08	3.88E-08	3.52E-08	1.61E-08	7.32E-09	6.42E-10	1.55E-08	3.42E-09	5.27E-09	8.36E-09	1.47E-09	3.84E-09	3.85E-08
5002	479863.09	3863377.25	5.79E-05	6.69E-05	3.05E-05	2.01E-08	6.06E-08	3.51E-08	4.05E-08	3.67E-08	1.68E-08	7.64E-09	6.70E-10	1.62E-08	3.57E-09	5.50E-09	8.73E-09	1.54E-09	4.01E-09	4.02E-08
5003	480363.09	3863377.25	6.13E-05	7.08E-05	3.23E-05	2.12E-08	6.41E-08	3.71E-08	4.29E-08	3.89E-08	1.78E-08	8.08E-09	7.09E-10	1.71E-08	3.78E-09	5.83E-09	9.24E-09	1.63E-09	4.24E-09	4.26E-08
5004	480863.09	3863377.25	6.52E-05	7.53E-05	3.43E-05	2.26E-08	6.82E-08	3.95E-08	4.56E-08	4.14E-08	1.89E-08	8.59E-09	7.54E-10	1.82E-08	4.02E-09	6.20E-09	9.83E-09	1.73E-09	4.51E-09	4.52E-08
5005	481363.09	3863377.25	6.71E-05	7.76E-05	3.53E-05	2.32E-08	7.02E-08	4.06E-08	4.70E-08	4.26E-08	1.94E-08	8.84E-09	7.76E-10	1.88E-08	4.14E-09	6.38E-09	1.01E-08	1.78E-09	4.64E-09	4.66E-08
5006	481863.09	3863377.25	6.79E-05	7.85E-05	3.57E-05	2.35E-08	7.10E-08	4.11E-08	4.75E-08	4.31E-08	1.97E-08	8.94E-09	7.85E-10	1.90E-08	4.19E-09	6.45E-09	1.02E-08	1.80E-09	4.69E-09	4.71E-08
5007	482363.09	3863377.25	6.94E-05	8.02E-05	3.64E-05	2.40E-08	7.26E-08	4.20E-08	4.86E-08	4.41E-08	2.01E-08	9.13E-09	8.03E-10	1.94E-08	4.28E-09	6.60E-09	1.05E-08	1.84E-09	4.79E-09	4.82E-08
5008	482863.09	3863377.25	7.15E-05	8.27E-05	3.75E-05	2.48E-08	7.48E-08	4.33E-08	5.01E-08	4.54E-08	2.07E-08	9.41E-09	8.28E-10	2.00E-08	4.41E-09	6.80E-09	1.08E-08	1.90E-09	4.94E-09	4.97E-08
5009	483363.09	3863377.25	7.20E-05	8.32E-05	3.78E-05	2.49E-08	7.53E-08	4.36E-08	5.04E-08	4.57E-08	2.09E-08	9.46E-09	8.33E-10	2.01E-08	4.44E-09	6.85E-09	1.09E-08	1.91E-09	4.97E-09	5.00E-08
5010	483863.09	3863377.25	7.11E-05	8.22E-05	3.73E-05	2.46E-08	7.43E-08	4.30E-08	4.98E-08	4.51E-08	2.06E-08	9.34E-09	8.22E-10	1.99E-08	4.38E-09	6.76E-09	1.07E-08	1.89E-09	4.90E-09	4.93E-08
5011	484363.09	3863377.25	7.05E-05	8.15E-05	3.70E-05	2.44E-08	7.37E-08	4.27E-08	4.94E-08	4.48E-08	2.04E-08	9.26E-09	8.15E-10	1.97E-08	4.35E-09	6.70E-09	1.06E-08	1.87E-09	4.86E-09	4.89E-08
5012	484863.09	3863377.25	7.09E-05	8.20E-05	3.72E-05	2.46E-08	7.42E-08	4.29E-08	4.97E-08	4.50E-08	2.05E-08	9.33E-09	8.21E-10	1.98E-08	4.37E-09	6.74E-09	1.07E-08	1.89E-09	4.90E-09	4.92E-08
5013	485363.09	3863377.25	6.78E-05	7.84E-05	3.56E-05	2.35E-08	7.10E-08	4.11E-08	4.75E-08	4.31E-08	1.97E-08	8.92E-09	7.85E-10	1.90E-08	4.18E-09	6.45E-09	1.02E-08	1.80E-09	4.68E-09	4.71E-08
5014	485863.09	3863377.25	6.42E-05	7.43E-05	3.37E-05	2.23E-08	6.72E-08	3.89E-08	4.50E-08	4.08E-08	1.86E-08	8.44E-09	7.43E-10	1.80E-08	3.96E-09	6.11E-09	9.69E-09	1.71E-09	4.43E-09	4.46E-08
5015	486363.09	3863377.25	6.27E-05	7.25E-05	3.29E-05	2.17E-08	6.56E-08	3.80E-08	4.39E-08	3.98E-08	1.82E-08	8.24E-09	7.26E-10	1.75E-08	3.87E-09	5.97E-09	9.46E-09	1.67E-09	4.33E-09	4.35E-08
5016	486863.09	3863377.25	6.22E-05	7.19E-05	3.26E-05	2.16E-08	6.51E-08	3.77E-08	4.36E-08	3.95E-08	1.80E-08	8.17E-09	7.20E-10	1.74E-08	3.84E-09	5.92E-09	9.39E-09	1.65E-09	4.29E-09	4.32E-08
5017	487363.09	3863377.25	6.38E-05	7.38E-05	3.35E-05	2.21E-08	6.68E-08	3.86E-08	4.47E-08	4.05E-08	1.85E-08	8.39E-09	7.38E-10	1.78E-08	3.93E-09	6.07E-09	9.63E-09	1.70E-09	4.40E-09	4.43E-08
5018	487863.09	3863377.25	6.61E-05	7.65E-05	3.47E-05	2.29E-08	6.92E-08	4.01E-08	4.63E-08	4.20E-08	1.92E-08	8.71E-09	7.65E-10	1.85E-08	4.08E-09	6.29E-09	9.98E-09	1.76E-09	4.57E-09	4.59E-08
5019	488363.09	3863377.25	6.64E-05	7.68E-05	3.49E-05	2.30E-08	6.95E-08	4.02E-08	4.65E-08	4.22E-08	1.92E-08	8.74E-09	7.69E-10	1.86E-08	4.10E-09	6.32E-09	1.00E-08	1.77E-09	4.59E-09	4.61E-08
5020	488863.09	3863377.25	6.41E-05	7.42E-05	3.36E-05	2.22E-08	6.71E-08	3.88E-08	4.49E-08	4.07E-08	1.86E-08	8.43E-09	7.42E-10	1.79E-08	3.95E-09	6.10E-09	9.68E-09	1.71E-09	4.42E-09	4.45E-08
5021	489363.09	3863377.25	6.31E-05	7.30E-05	3.31E-05	2.19E-08	6.61E-08	3.82E-08	4.42E-08	4.01E-08	1.83E-08	8.29E-09	7.31E-10	1.76E-08	3.89E-09	6.01E-09	9.53E-09	1.68E-09	4.35E-09	4.38E-08
5022	489863.09	3863377.25	6.53E-05	7.56E-05	3.42E-05	2.26E-08	6.84E-08	3.96E-08	4.58E-08	4.15E-08	1.89E-08	8.58E-09	7.56E-10	1.83E-08	4.03E-09	6.22E-09	9.86E-09	1.74E-09	4.50E-09	4.54E-08
5023	490363.09	3863377.25	6.76E-05	7.83E-05	3.54E-05	2.34E-08	7.08E-08	4.10E-08	4.74E-08	4.30E-08	1.96E-08	8.88E-09	7.83E-10	1.89E-08	4.17E-09	6.44E-09	1.02E-08	1.80E-09	4.66E-09	4.70E-08
5024	490863.09	3863377.25	6.78E-05	7.85E-05	3.56E-05	2.35E-08	7.10E-08	4.11E-08	4.75E-08	4.31E-08	1.97E-08	8.91E-09	7.85E-10	1.90E-08	4.18E-09	6.45E-09	1.02E-08	1.80E-09	4.68E-09	4.71E-08
5025	491363.09	3863377.25	6.85E-05	7.93E-05	3.60E-05	2.38E-08	7.17E-08	4.15E-08	4.80E-08	4.35E-08	1.99E-08	9.02E-09	7.93E-10	1.92E-08	4.23E-09	6.52E-09	1.03E-08	1.82E-09	4.73E-09	4.76E-08
5026	491863.09	3863377.25	6.99E-05	8.09E-05	3.67E-05	2.42E-08	7.32E-08	4.24E-08	4.90E-08	4.44E-08	2.03E-08	9.20E-09	8.09E-10	1.95E-08	4.31E-09	6.65E-09	1.05E-08	1.86E-09	4.83E-09	4.86E-08
5027	492363.09	3863377.25	6.99E-05	8.08E-05	3.67E-05	2.42E-08	7.32E-08	4.23E-08	4.90E-08	4.44E-08	2.03E-08	9.20E-09	8.09E-10	1.95E-08	4.31E-09	6.65E-09	1.05E-08	1.86E-09	4.83E-09	4.85E-08

5028	492863.09	3863377.25	7.26E-05	8.39E-05	3.81E-05	2.51E-08	7.59E-08	4.40E-08	5.08E-08	4.61E-08	2.10E-08	9.55E-09	8.40E-10	2.03E-08	4.48E-09	6.90E-09	1.09E-08	1.93E-09	5.01E-09	5.04E-08
5029	493363.09	3863377.25	7.74E-05	8.95E-05	4.06E-05	2.68E-08	8.10E-08	4.69E-08	5.42E-08	4.92E-08	2.24E-08	1.02E-08	8.96E-10	2.16E-08	4.77E-09	7.36E-09	1.17E-08	2.06E-09	5.34E-09	5.37E-08
5030	493863.09	3863377.25	7.81E-05	9.03E-05	4.10E-05	2.71E-08	8.17E-08	4.73E-08	5.47E-08	4.96E-08	2.26E-08	1.03E-08	9.03E-10	2.18E-08	4.81E-09	7.42E-09	1.18E-08	2.08E-09	5.39E-09	5.42E-08
5031	494363.09	3863377.25	7.40E-05	8.56E-05	3.89E-05	2.56E-08	7.74E-08	4.48E-08	5.18E-08	4.70E-08	2.14E-08	9.74E-09	8.56E-10	2.07E-08	4.56E-09	7.04E-09	1.12E-08	1.97E-09	5.11E-09	5.14E-08
5032	494863.09	3863377.25	7.01E-05	8.11E-05	3.68E-05	2.43E-08	7.34E-08	4.25E-08	4.91E-08	4.45E-08	2.03E-08	9.23E-09	8.11E-10	1.96E-08	4.32E-09	6.67E-09	1.06E-08	1.86E-09	4.84E-09	4.87E-08
5033	495363.09	3863377.25	6.83E-05	7.90E-05	3.59E-05	2.37E-08	7.15E-08	4.14E-08	4.78E-08	4.34E-08	1.98E-08	8.99E-09	7.90E-10	1.91E-08	4.21E-09	6.49E-09	1.03E-08	1.82E-09	4.72E-09	4.74E-08
5034	495863.09	3863377.25	6.82E-05	7.88E-05	3.58E-05	2.36E-08	7.14E-08	4.13E-08	4.78E-08	4.33E-08	1.98E-08	8.98E-09	7.89E-10	1.91E-08	4.21E-09	6.48E-09	1.03E-08	1.81E-09	4.71E-09	4.74E-08
5035	496363.09	3863377.25	6.61E-05	7.64E-05	3.47E-05	2.29E-08	6.92E-08	4.00E-08	4.63E-08	4.20E-08	1.92E-08	8.71E-09	7.65E-10	1.85E-08	4.08E-09	6.29E-09	9.97E-09	1.76E-09	4.57E-09	4.59E-08
5036	496863.09	3863377.25	6.50E-05	7.52E-05	3.42E-05	2.25E-08	6.80E-08	3.94E-08	4.55E-08	4.13E-08	1.88E-08	8.57E-09	7.52E-10	1.82E-08	4.01E-09	6.18E-09	9.81E-09	1.73E-09	4.50E-09	4.52E-08
5037	497363.09	3863377.25	6.56E-05	7.59E-05	3.45E-05	2.28E-08	6.87E-08	3.98E-08	4.60E-08	4.17E-08	1.90E-08	8.65E-09	7.60E-10	1.84E-08	4.05E-09	6.24E-09	9.90E-09	1.75E-09	4.54E-09	4.56E-08
5038	497863.09	3863377.25	6.75E-05	7.80E-05	3.55E-05	2.34E-08	7.06E-08	4.09E-08	4.73E-08	4.28E-08	1.95E-08	8.88E-09	7.81E-10	1.89E-08	4.16E-09	6.42E-09	1.02E-08	1.79E-09	4.66E-09	4.69E-08
5039	498363.09	3863377.25	6.97E-05	8.06E-05	3.66E-05	2.42E-08	7.30E-08	4.22E-08	4.88E-08	4.43E-08	2.02E-08	9.17E-09	8.07E-10	1.95E-08	4.30E-09	6.63E-09	1.05E-08	1.85E-09	4.82E-09	4.84E-08
5040	471363.09	3863877.25	3.22E-05	3.72E-05	1.70E-05	1.12E-08	3.37E-08	1.95E-08	2.26E-08	2.04E-08	9.33E-09	4.27E-09	3.73E-10	9.01E-09	1.99E-09	3.06E-09	4.86E-09	8.56E-10	2.24E-09	2.24E-08
5041	471863.09	3863877.25	3.29E-05	3.80E-05	1.74E-05	1.14E-08	3.44E-08	1.99E-08	2.30E-08	2.09E-08	9.53E-09	4.36E-09	3.81E-10	9.20E-09	2.03E-09	3.13E-09	4.96E-09	8.74E-10	2.29E-09	2.29E-08
5042	472363.09	3863877.25	3.35E-05	3.88E-05	1.77E-05	1.16E-08	3.51E-08	2.03E-08	2.35E-08	2.13E-08	9.71E-09	4.44E-09	3.88E-10	9.38E-09	2.07E-09	3.19E-09	5.06E-09	8.91E-10	2.33E-09	2.33E-08
5043	472863.09	3863877.25	3.41E-05	3.94E-05	1.80E-05	1.18E-08	3.56E-08	2.06E-08	2.38E-08	2.16E-08	9.86E-09	4.51E-09	3.94E-10	9.52E-09	2.10E-09	3.24E-09	5.13E-09	9.05E-10	2.37E-09	2.37E-08
5044	473363.09	3863877.25	3.44E-05	3.97E-05	1.82E-05	1.19E-08	3.60E-08	2.08E-08	2.41E-08	2.18E-08	9.96E-09	4.55E-09	3.98E-10	9.61E-09	2.12E-09	3.27E-09	5.18E-09	9.14E-10	2.39E-09	2.39E-08
5045	473863.09	3863877.25	3.47E-05	4.01E-05	1.83E-05	1.20E-08	3.63E-08	2.10E-08	2.43E-08	2.20E-08	1.01E-08	4.60E-09	4.02E-10	9.71E-09	2.14E-09	3.30E-09	5.23E-09	9.23E-10	2.41E-09	2.41E-08
5046	474363.09	3863877.25	3.50E-05	4.05E-05	1.85E-05	1.21E-08	3.66E-08	2.12E-08	2.45E-08	2.22E-08	1.01E-08	4.64E-09	4.05E-10	9.79E-09	2.16E-09	3.33E-09	5.28E-09	9.30E-10	2.43E-09	2.43E-08
5047	474863.09	3863877.25	3.54E-05	4.09E-05	1.87E-05	1.23E-08	3.71E-08	2.15E-08	2.48E-08	2.25E-08	1.03E-08	4.69E-09	4.10E-10	9.91E-09	2.19E-09	3.37E-09	5.34E-09	9.41E-10	2.46E-09	2.46E-08
5048	475363.09	3863877.25	3.63E-05	4.19E-05	1.92E-05	1.26E-08	3.80E-08	2.20E-08	2.54E-08	2.30E-08	1.05E-08	4.80E-09	4.20E-10	1.01E-08	2.24E-09	3.45E-09	5.47E-09	9.64E-10	2.52E-09	2.52E-08
5049	475863.09	3863877.25	3.73E-05	4.31E-05	1.97E-05	1.29E-08	3.91E-08	2.26E-08	2.61E-08	2.37E-08	1.08E-08	4.94E-09	4.32E-10	1.04E-08	2.30E-09	3.55E-09	5.63E-09	9.92E-10	2.59E-09	2.59E-08
5050	476363.09	3863877.25	3.88E-05	4.49E-05	2.05E-05	1.35E-08	4.06E-08	2.35E-08	2.72E-08	2.46E-08	1.12E-08	5.14E-09	4.49E-10	1.09E-08	2.40E-09	3.69E-09	5.85E-09	1.03E-09	2.70E-09	2.70E-08
5051	476863.09	3863877.25	4.07E-05	4.70E-05	2.15E-05	1.41E-08	4.26E-08	2.46E-08	2.85E-08	2.58E-08	1.18E-08	5.38E-09	4.71E-10	1.14E-08	2.51E-09	3.86E-09	6.13E-09	1.08E-09	2.82E-09	2.82E-08
5052	477363.09	3863877.25	4.29E-05	4.96E-05	2.27E-05	1.49E-08	4.49E-08	2.60E-08	3.00E-08	2.72E-08	1.24E-08	5.68E-09	4.97E-10	1.20E-08	2.65E-09	4.08E-09	6.47E-09	1.14E-09	2.98E-09	2.98E-08
5053	477863.09	3863877.25	4.53E-05	5.24E-05	2.39E-05	1.57E-08	4.74E-08	2.75E-08	3.17E-08	2.88E-08	1.31E-08	5.99E-09	5.24E-10	1.27E-08	2.80E-09	4.31E-09	6.83E-09	1.20E-09	3.14E-09	3.15E-08
5054	478363.09	3863877.25	4.73E-05	5.47E-05	2.49E-05	1.64E-08	4.95E-08	2.86E-08	3.31E-08	3.00E-08	1.37E-08	6.25E-09	5.47E-10	1.32E-08	2.92E-09	4.50E-09	7.13E-09	1.26E-09	3.28E-09	3.28E-08
5055	478863.09	3863877.25	4.93E-05	5.70E-05	2.60E-05	1.71E-08	5.16E-08	2.98E-08	3.45E-08	3.13E-08	1.43E-08	6.51E-09	5.70E-10	1.38E-08	3.04E-09	4.68E-09	7.43E-09	1.31E-09	3.42E-09	3.42E-08
5056	479363.09	3863877.25	5.15E-05	5.95E-05	2.71E-05	1.78E-08	5.39E-08	3.12E-08	3.60E-08	3.27E-08	1.49E-08	6.80E-09	5.96E-10	1.44E-08	3.17E-09	4.89E-09	7.76E-09	1.37E-09	3.57E-09	3.57E-08
5057	479863.09	3863877.25	5.43E-05	6.27E-05	2.86E-05	1.88E-08	5.68E-08	3.29E-08	3.80E-08	3.45E-08	1.57E-08	7.16E-09	6.28E-10	1.52E-08	3.35E-09	5.16E-09	8.19E-09	1.44E-09	3.76E-09	3.77E-08
5058	480363.09	3863877.25	5.73E-05	6.63E-05	3.02E-05	1.99E-08	6.00E-08	3.47E-08	4.01E-08	3.64E-08	1.66E-08	7.56E-09	6.63E-10	1.60E-08	3.54E-09	5.45E-09	8.65E-09	1.52E-09	3.97E-09	3.98E-08
5059	480863.09	3863877.25	5.99E-05	6.93E-05	3.15E-05	2.08E-08	6.27E-08	3.63E-08	4.20E-08	3.80E-08	1.74E-08	7.90E-09	6.94E-10	1.68E-08	3.70E-09	5.70E-09	9.04E-09	1.59E-09	4.15E-09	4.16E-08
5060	481363.09	3863877.25	6.07E-05	7.02E-05	3.19E-05	2.10E-08	6.35E-08	3.68E-08	4.25E-08	3.85E-08	1.76E-08	7.99E-09	7.02E-10	1.70E-08	3.74E-09	5.77E-09	9.16E-09	1.61E-09	4.20E-09	4.22E-08
5061	481863.09	3863877.25	6.10E-05	7.06E-05	3.21E-05	2.12E-08	6.39E-08	3.70E-08	4.28E-08	3.88E-08	1.77E-08	8.03E-09	7.06E-10	1.71E-08	3.76E-09	5.80E-09	9.21E-09	1.62E-09	4.22E-09	4.24E-08
5062	482363.09	3863877.25	6.29E-05	7.27E-05	3.30E-05	2.18E-08	6.58E-08	3.81E-08	4.41E-08	3.99E-08	1.82E-08	8.27E-09	7.28E-10	1.76E-08	3.88E-09	5.98E-09	9.49E-09	1.67E-09	4.34E-09	4.37E-08
5063	482863.09	3863877.25	6.42E-05	7.42E-05	3.37E-05	2.22E-08	6.71E-08	3.89E-08	4.50E-08	4.08E-08	1.86E-08	8.44E-09	7.43E-10	1.79E-08	3.96E-09	6.10E-09	9.68E-09	1.71E-09	4.43E-09	4.46E-08
5064	483363.09	3863877.25	6.37E-05	7.37E-05	3.34E-05	2.21E-08	6.67E-08	3.86E-08	4.46E-08	4.05E-08	1.85E-08	8.37E-09	7.37E-10	1.78E-08	3.93E-09	6.06E-09	9.61E-09	1.69E-09	4.40E-09	4.42E-08
5065	483863.09	3863877.25	6.30E-05	7.29E-05	3.31E-05	2.18E-08	6.60E-08	3.82E-08	4.42E-08	4.00E-08	1.83E-08	8.29E-09	7.30E-10	1.76E-08	3.89E-09	6.00E-09	9.51E-09	1.68E-09	4.35E-09	4.38E-08
5066	484363.09	3863877.25	6.32E-05	7.31E-05	3.32E-05	2.19E-08	6.61E-08	3.83E-08	4.43E-08	4.01E-08	1.83E-08	8.31E-09	7.31E-10	1.77E-08	3.90E-09	6.01E-09	9.53E-09	1.68E-09	4.36E-09	4.39E-08
5067	484863.09	3863877.25	6.35E-05	7.34E-05	3.34E-05	2.20E-08	6.64E-08	3.85E-08	4.45E-08	4.03E-08	1.84E-08	8.36E-09	7.35E-10	1.77E-08	3.92E-09	6.04E-09	9.58E-09	1.69E-09	4.39E-09	4.41E-08
5068	485363.09	3863877.25	6.05E-05	7.00E-05	3.17E-05	2.10E-08	6.33E-08	3.67E-08	4.24E-08	3.84E-08	1.75E-08	7.95E-09	7.00E-10	1.69E-08	3.73E-09	5.76E-09	9.13E-09	1.61E-09	4.17E-09	4.20E-08
5069	485863.09	3863877.25	5.77E-05	6.68E-05	3.03E-05	2.00E-08	6.04E-08	3.50E-08	4.05E-08	3.67E-08	1.67E-08	7.59E-09	6.68E-10	1.61E-08	3.56E-09	5.49E-09	8.71E-09	1.54E-09	3.98E-09	4.01E-08
5070	486363.09	3863877.25	5.60E-05	6.47E-05	2.94E-05	1.94E-08	5.86E-08	3.39E-08	3.92E-08	3.55E-08	1.62E-08	7.36E-09	6.48E-10	1.56E-08	3.45E-09	5.32E-09	8.45E-09	1.49E-09	3.86E-09	3.89E-08
5071	486863.09	3863877.25	5.52E-05	6.38E-05	2.90E-05	1.91E-08	5.78E-08	3.34E-08	3.87E-08	3.51E-08	1.60E-08	7.26E-09	6.39E-10	1.54E-08	3.41E-09	5.25E-09	8.33E-09	1.47E-09	3.81E-09	3.83E-08
5072	487363.09	3863877.25	5.66E-05	6.55E-05	2.98E-05	1.96E-08	5.93E-08	3.43E-08	3.97E-08	3.60E-08	1.64E-08	7.46E-09	6.56E-10	1.58E-08	3.49E-09	5.39E-09	8.55E-09	1.51E-09	3.91E-09	3.93E-08
5073	487863.09	3863877.25	5.91E-05	6.83E-05	3.11E-05	2.05E-08	6.18E-08	3.58E-08	4.14E-08	3.75E-08	1.71E-08	7.78E-09	6.84E-10	1.65E-08	3.64E-09	5.62E-09	8.91E-09	1.57E-09	4.08E-09	4.10E-08
5074	488363.09	3863877.25	6.00E-05	6.94E-05	3.15E-05	2.08E-08	6.28E-08	3.63E-08	4.20E-08	3.81E-08	1.74E-08	7.90E-09	6.94E-10	1.68E-08	3.70E-09	5.71E-09	9.05E-09	1.60E-09	4.15E-09	4.17E-08
5075	488863.09	3863877.25	5.84E-05	6.75E-05	3.06E-05	2.02E-08	6.11E-08	3.54E-08	4.09E-08	3.71E-08	1.69E-08	7.67E-09	6.75E-10	1.63E-08	3.60E-09	5.55E-09	8.81E-09	1.55E-09	4.03E-09	4.05E-08
5076	489363.09	3863877.25	5.64E-05	6.52E-05	2.96E-05	1.95E-08	5.90E-08	3.42E-08	3.95E-08	3.58E-08	1.63E-08	7.41E-09	6.53E-10	1.58E-08	3.48E-09	5.36E-09	8.51E-09	1.50E-09	3.89E-09	3.92E-08
5077	489863.09	3863877.25	5.72E-05	6.62E-05	3.00E-05	1.98E-08	5.99E-08	3.47E-08	4.01E-08	3.63E-08	1.66E-08	7.51E-09	6.62E-10	1.60E-08	3.53E-09	5.44E-09	8.63E-09	1.52E-09	3.94E-09	3.97E-08
5078	490363.09	3863877.25	5.99E-05	6.92E-05	3.14E-05	2.07E-08	6.26E-08	3.63E-08	4.19E-08	3.80E-08	1.73E-08	7.86E-09	6.93E-10	1.67E-08	3.69E-09	5.69E-09	9.03E-09	1.59E-09	4.12E-09	4.16E-08
5079	490863.09	3863877.25	6.10E-05	7.05E-05	3.20E-05	2.11E-08	6.38E-08	3.69E-08	4.27E-08	3.87E-08	1.77E-08	8.01E-09	7.06E-10	1.70E-08	3.76E-09	5.80E-09	9.20E-09	1.62E-09	4.20E-09	4.23E-08
5080	491363.09	3863877.25	6.06E-05	7.00E-05	3.18E-05	2.10E-08	6.34E-08	3.67E-08	4.24E-08	3.85E-08	1.75E-08	7.96E-09	7.01E-10	1.69E-08	3.74E-09	5.76E-09	9.14E-09	1.61E-09	4.18E-09	4.21E-08

5081	491863.09	3863877.25	6.37E-05	7.36E-05	3.34E-05	2.21E-08	6.66E-08	3.86E-08	4.46E-08	4.04E-08	1.85E-08	8.38E-09	7.37E-10	1.78E-08	3.93E-09	6.06E-09	9.61E-09	1.69E-09	4.40E-09	4.42E-08
5082	492363.09	3863877.25	6.62E-05	7.66E-05	3.48E-05	2.30E-08	6.93E-08	4.01E-08	4.64E-08	4.21E-08	1.92E-08	8.72E-09	7.67E-10	1.85E-08	4.09E-09	6.30E-09	9.99E-09	1.76E-09	4.58E-09	4.60E-08
5083	492863.09	3863877.25	6.56E-05	7.58E-05	3.45E-05	2.27E-08	6.86E-08	3.97E-08	4.59E-08	4.16E-08	1.90E-08	8.64E-09	7.59E-10	1.83E-08	4.05E-09	6.24E-09	9.89E-09	1.74E-09	4.53E-09	4.55E-08
5084	493363.09	3863877.25	6.68E-05	7.72E-05	3.51E-05	2.31E-08	6.99E-08	4.04E-08	4.68E-08	4.24E-08	1.93E-08	8.79E-09	7.73E-10	1.87E-08	4.12E-09	6.35E-09	1.01E-08	1.78E-09	4.61E-09	4.64E-08
5085	493863.09	3863877.25	7.01E-05	8.10E-05	3.68E-05	2.43E-08	7.33E-08	4.24E-08	4.91E-08	4.45E-08	2.03E-08	9.21E-09	8.11E-10	1.96E-08	4.32E-09	6.66E-09	1.06E-08	1.86E-09	4.84E-09	4.86E-08
5086	494363.09	3863877.25	7.07E-05	8.18E-05	3.71E-05	2.45E-08	7.40E-08	4.28E-08	4.95E-08	4.49E-08	2.05E-08	9.30E-09	8.18E-10	1.98E-08	4.36E-09	6.72E-09	1.07E-08	1.88E-09	4.88E-09	4.91E-08
5087	494863.09	3863877.25	6.80E-05	7.87E-05	3.58E-05	2.36E-08	7.12E-08	4.12E-08	4.77E-08	4.32E-08	1.97E-08	8.96E-09	7.87E-10	1.90E-08	4.20E-09	6.47E-09	1.03E-08	1.81E-09	4.70E-09	4.72E-08
5088	495363.09	3863877.25	6.42E-05	7.43E-05	3.38E-05	2.23E-08	6.72E-08	3.89E-08	4.50E-08	4.08E-08	1.86E-08	8.46E-09	7.43E-10	1.80E-08	3.96E-09	6.11E-09	9.69E-09	1.71E-09	4.44E-09	4.46E-08
5089	495863.09	3863877.25	6.18E-05	7.14E-05	3.25E-05	2.14E-08	6.46E-08	3.74E-08	4.33E-08	3.92E-08	1.79E-08	8.14E-09	7.15E-10	1.73E-08	3.81E-09	5.88E-09	9.32E-09	1.64E-09	4.27E-09	4.29E-08
5090	496363.09	3863877.25	6.04E-05	6.98E-05	3.17E-05	2.09E-08	6.32E-08	3.66E-08	4.23E-08	3.83E-08	1.75E-08	7.95E-09	6.99E-10	1.69E-08	3.72E-09	5.74E-09	9.11E-09	1.60E-09	4.17E-09	4.19E-08
5091	496863.09	3863877.25	5.97E-05	6.91E-05	3.14E-05	2.07E-08	6.25E-08	3.62E-08	4.18E-08	3.79E-08	1.73E-08	7.87E-09	6.91E-10	1.67E-08	3.68E-09	5.68E-09	9.01E-09	1.59E-09	4.13E-09	4.15E-08
5092	497363.09	3863877.25	5.92E-05	6.85E-05	3.11E-05	2.05E-08	6.20E-08	3.59E-08	4.15E-08	3.76E-08	1.72E-08	7.80E-09	6.86E-10	1.66E-08	3.65E-09	5.63E-09	8.94E-09	1.57E-09	4.10E-09	4.11E-08
5093	497863.09	3863877.25	5.91E-05	6.84E-05	3.11E-05	2.05E-08	6.19E-08	3.58E-08	4.14E-08	3.75E-08	1.71E-08	7.79E-09	6.84E-10	1.65E-08	3.65E-09	5.62E-09	8.92E-09	1.57E-09	4.09E-09	4.11E-08
5094	498363.09	3863877.25	5.96E-05	6.89E-05	3.13E-05	2.07E-08	6.24E-08	3.61E-08	4.18E-08	3.78E-08	1.73E-08	7.85E-09	6.90E-10	1.67E-08	3.68E-09	5.67E-09	8.99E-09	1.58E-09	4.12E-09	4.14E-08
5095	471363.09	3864377.25	3.03E-05	3.50E-05	1.60E-05	1.05E-08	3.17E-08	1.83E-08	2.12E-08	1.92E-08	8.76E-09	4.01E-09	3.50E-10	8.46E-09	1.87E-09	2.88E-09	4.56E-09	8.04E-10	2.11E-09	2.10E-08
5096	471863.09	3864377.25	3.06E-05	3.54E-05	1.62E-05	1.06E-08	3.21E-08	1.86E-08	2.14E-08	1.94E-08	8.87E-09	4.06E-09	3.55E-10	8.56E-09	1.89E-09	2.91E-09	4.62E-09	8.14E-10	2.13E-09	2.13E-08
5097	472363.09	3864377.25	3.09E-05	3.57E-05	1.64E-05	1.07E-08	3.24E-08	1.87E-08	2.16E-08	1.96E-08	8.95E-09	4.10E-09	3.58E-10	8.65E-09	1.91E-09	2.94E-09	4.66E-09	8.22E-10	2.15E-09	2.15E-08
5098	472863.09	3864377.25	3.11E-05	3.59E-05	1.65E-05	1.08E-08	3.26E-08	1.88E-08	2.18E-08	1.97E-08	9.01E-09	4.12E-09	3.60E-10	8.70E-09	1.92E-09	2.96E-09	4.69E-09	8.27E-10	2.16E-09	2.16E-08
5099	473363.09	3864377.25	3.12E-05	3.61E-05	1.65E-05	1.08E-08	3.27E-08	1.89E-08	2.19E-08	1.98E-08	9.04E-09	4.14E-09	3.61E-10	8.73E-09	1.93E-09	2.97E-09	4.71E-09	8.30E-10	2.17E-09	2.17E-08
5100	473863.09	3864377.25	3.16E-05	3.65E-05	1.67E-05	1.10E-08	3.31E-08	1.91E-08	2.21E-08	2.01E-08	9.15E-09	4.19E-09	3.66E-10	8.84E-09	1.95E-09	3.00E-09	4.76E-09	8.40E-10	2.20E-09	2.20E-08
5101	474363.09	3864377.25	3.23E-05	3.73E-05	1.71E-05	1.12E-08	3.38E-08	1.96E-08	2.26E-08	2.05E-08	9.34E-09	4.28E-09	3.74E-10	9.02E-09	1.99E-09	3.07E-09	4.87E-09	8.58E-10	2.24E-09	2.24E-08
5102	474863.09	3864377.25	3.30E-05	3.82E-05	1.75E-05	1.14E-08	3.46E-08	2.00E-08	2.31E-08	2.10E-08	9.56E-09	4.38E-09	3.82E-10	9.23E-09	2.04E-09	3.14E-09	4.98E-09	8.78E-10	2.30E-09	2.29E-08
5103	475363.09	3864377.25	3.41E-05	3.94E-05	1.81E-05	1.18E-08	3.57E-08	2.07E-08	2.39E-08	2.16E-08	9.88E-09	4.52E-09	3.95E-10	9.54E-09	2.11E-09	3.24E-09	5.14E-09	9.07E-10	2.37E-09	2.37E-08
5104	475863.09	3864377.25	3.54E-05	4.09E-05	1.87E-05	1.23E-08	3.70E-08	2.14E-08	2.48E-08	2.25E-08	1.02E-08	4.69E-09	4.10E-10	9.89E-09	2.18E-09	3.36E-09	5.33E-09	9.40E-10	2.46E-09	2.46E-08
5105	476363.09	3864377.25	3.69E-05	4.26E-05	1.95E-05	1.28E-08	3.86E-08	2.24E-08	2.58E-08	2.34E-08	1.07E-08	4.89E-09	4.27E-10	1.03E-08	2.28E-09	3.51E-09	5.56E-09	9.81E-10	2.57E-09	2.56E-08
5106	476863.09	3864377.25	3.87E-05	4.47E-05	2.05E-05	1.34E-08	4.05E-08	2.35E-08	2.71E-08	2.46E-08	1.12E-08	5.13E-09	4.48E-10	1.08E-08	2.39E-09	3.68E-09	5.84E-09	1.03E-09	2.69E-09	2.69E-08
5107	477363.09	3864377.25	4.05E-05	4.68E-05	2.14E-05	1.40E-08	4.24E-08	2.45E-08	2.83E-08	2.57E-08	1.17E-08	5.36E-09	4.69E-10	1.13E-08	2.50E-09	3.85E-09	6.11E-09	1.08E-09	2.81E-09	2.81E-08
5108	477863.09	3864377.25	4.21E-05	4.87E-05	2.22E-05	1.46E-08	4.41E-08	2.55E-08	2.95E-08	2.67E-08	1.22E-08	5.57E-09	4.87E-10	1.18E-08	2.60E-09	4.00E-09	6.35E-09	1.12E-09	2.92E-09	2.93E-08
5109	478363.09	3864377.25	4.37E-05	5.05E-05	2.30E-05	1.51E-08	4.57E-08	2.65E-08	3.06E-08	2.77E-08	1.26E-08	5.77E-09	5.05E-10	1.22E-08	2.69E-09	4.15E-09	6.59E-09	1.16E-09	3.03E-09	3.03E-08
5110	478863.09	3864377.25	4.57E-05	5.28E-05	2.41E-05	1.58E-08	4.78E-08	2.77E-08	3.20E-08	2.90E-08	1.32E-08	6.04E-09	5.29E-10	1.28E-08	2.82E-09	4.35E-09	6.89E-09	1.21E-09	3.17E-09	3.18E-08
5111	479363.09	3864377.25	4.81E-05	5.56E-05	2.54E-05	1.67E-08	5.03E-08	2.91E-08	3.37E-08	3.05E-08	1.39E-08	6.36E-09	5.57E-10	1.35E-08	2.97E-09	4.57E-09	7.26E-09	1.28E-09	3.34E-09	3.34E-08
5112	479863.09	3864377.25	5.10E-05	5.89E-05	2.69E-05	1.77E-08	5.34E-08	3.09E-08	3.57E-08	3.24E-08	1.48E-08	6.73E-09	5.90E-10	1.43E-08	3.15E-09	4.85E-09	7.69E-09	1.36E-09	3.53E-09	3.54E-08
5113	480363.09	3864377.25	5.36E-05	6.20E-05	2.82E-05	1.86E-08	5.61E-08	3.25E-08	3.75E-08	3.40E-08	1.55E-08	7.07E-09	6.20E-10	1.50E-08	3.31E-09	5.10E-09	8.08E-09	1.42E-09	3.71E-09	3.72E-08
5114	480863.09	3864377.25	5.46E-05	6.31E-05	2.87E-05	1.89E-08	5.71E-08	3.31E-08	3.82E-08	3.46E-08	1.58E-08	7.19E-09	6.32E-10	1.53E-08	3.37E-09	5.19E-09	8.23E-09	1.45E-09	3.77E-09	3.79E-08
5115	481363.09	3864377.25	5.47E-05	6.32E-05	2.87E-05	1.89E-08	5.72E-08	3.31E-08	3.83E-08	3.47E-08	1.58E-08	7.20E-09	6.33E-10	1.53E-08	3.37E-09	5.20E-09	8.25E-09	1.45E-09	3.78E-09	3.80E-08
5116	481863.09	3864377.25	5.55E-05	6.42E-05	2.91E-05	1.92E-08	5.80E-08	3.36E-08	3.89E-08	3.52E-08	1.61E-08	7.30E-09	6.42E-10	1.55E-08	3.42E-09	5.28E-09	8.37E-09	1.48E-09	3.83E-09	3.85E-08
5117	482363.09	3864377.25	5.69E-05	6.58E-05	2.99E-05	1.97E-08	5.96E-08	3.45E-08	3.99E-08	3.62E-08	1.65E-08	7.49E-09	6.59E-10	1.59E-08	3.51E-09	5.42E-09	8.59E-09	1.51E-09	3.93E-09	3.95E-08
5118	482863.09	3864377.25	5.75E-05	6.65E-05	3.02E-05	1.99E-08	6.02E-08	3.48E-08	4.03E-08	3.65E-08	1.67E-08	7.56E-09	6.65E-10	1.61E-08	3.55E-09	5.47E-09	8.68E-09	1.53E-09	3.97E-09	3.99E-08
5119	483363.09	3864377.25	5.67E-05	6.56E-05	2.97E-05	1.96E-08	5.93E-08	3.43E-08	3.97E-08	3.60E-08	1.64E-08	7.45E-09	6.56E-10	1.58E-08	3.50E-09	5.39E-09	8.55E-09	1.51E-09	3.91E-09	3.94E-08
5120	483863.09	3864377.25	5.63E-05	6.51E-05	2.96E-05	1.95E-08	5.89E-08	3.41E-08	3.95E-08	3.58E-08	1.63E-08	7.41E-09	6.52E-10	1.57E-08	3.47E-09	5.36E-09	8.50E-09	1.50E-09	3.89E-09	3.91E-08
5121	484363.09	3864377.25	5.72E-05	6.62E-05	3.01E-05	1.98E-08	5.99E-08	3.47E-08	4.01E-08	3.63E-08	1.66E-08	7.54E-09	6.62E-10	1.60E-08	3.53E-09	5.44E-09	8.63E-09	1.52E-09	3.96E-09	3.97E-08
5122	484863.09	3864377.25	5.69E-05	6.58E-05	2.99E-05	1.97E-08	5.96E-08	3.45E-08	3.99E-08	3.62E-08	1.65E-08	7.49E-09	6.59E-10	1.59E-08	3.51E-09	5.41E-09	8.59E-09	1.51E-09	3.93E-09	3.95E-08
5123	485363.09	3864377.25	5.41E-05	6.26E-05	2.84E-05	1.88E-08	5.67E-08	3.28E-08	3.79E-08	3.44E-08	1.57E-08	7.12E-09	6.27E-10	1.51E-08	3.34E-09	5.15E-09	8.17E-09	1.44E-09	3.73E-09	3.76E-08
5124	485863.09	3864377.25	5.19E-05	6.00E-05	2.72E-05	1.80E-08	5.43E-08	3.14E-08	3.63E-08	3.29E-08	1.50E-08	6.82E-09	6.00E-10	1.45E-08	3.20E-09	4.93E-09	7.82E-09	1.38E-09	3.58E-09	3.60E-08
5125	486363.09	3864377.25	5.03E-05	5.82E-05	2.64E-05	1.74E-08	5.27E-08	3.05E-08	3.53E-08	3.20E-08	1.46E-08	6.62E-09	5.82E-10	1.41E-08	3.10E-09	4.79E-09	7.60E-09	1.34E-09	3.47E-09	3.50E-08
5126	486863.09	3864377.25	4.94E-05	5.72E-05	2.60E-05	1.71E-08	5.17E-08	2.99E-08	3.46E-08	3.14E-08	1.43E-08	6.50E-09	5.72E-10	1.38E-08	3.05E-09	4.70E-09	7.46E-09	1.31E-09	3.41E-09	3.43E-08
5127	487363.09	3864377.25	5.07E-05	5.86E-05	2.67E-05	1.76E-08	5.30E-08	3.07E-08	3.55E-08	3.22E-08	1.47E-08	6.68E-09	5.87E-10	1.42E-08	3.13E-09	4.82E-09	7.65E-09	1.35E-09	3.50E-09	3.52E-08
5128	487863.09	3864377.25	5.31E-05	6.14E-05	2.79E-05	1.84E-08	5.56E-08	3.22E-08	3.72E-08	3.37E-08	1.54E-08	7.00E-09	6.15E-10	1.49E-08	3.28E-09	5.05E-09	8.02E-09	1.41E-09	3.67E-09	3.69E-08
5129	488363.09	3864377.25	5.43E-05	6.28E-05	2.85E-05	1.88E-08	5.68E-08	3.29E-08	3.80E-08	3.45E-08	1.57E-08	7.15E-09	6.28E-10	1.52E-08	3.35E-09	5.16E-09	8.19E-09	1.44E-09	3.75E-09	3.77E-08
5130	488863.09	3864377.25	5.35E-05	6.19E-05	2.81E-05	1.85E-08	5.60E-08	3.24E-08	3.75E-08	3.40E-08	1.55E-08	7.03E-09	6.19E-10	1.50E-08	3.30E-09	5.09E-09	8.08E-09	1.42E-09	3.69E-09	3.72E-08
5131	489363.09	3864377.25	5.14E-05	5.94E-05	2.69E-05	1.78E-08	5.38E-08	3.11E-08	3.60E-08	3.26E-08	1.49E-08	6.75E-09	5.95E-10	1.44E-08	3.17E-09	4.89E-09	7.75E-09	1.37E-09	3.54E-09	3.57E-08
5132	489863.09	3864377.25	5.09E-05	5.89E-05	2.67E-05	1.76E-08	5.33E-08	3.08E-08	3.57E-08	3.23E-08	1.47E-08	6.69E-09	5.89E-10	1.42E-08	3.14E-09	4.84E-09	7.68E-09	1.35E-09	3.51E-09	3.53E-08
5133	490363.09	3864377.25	5.29E-05	6.11E-05	2.77E-05	1.83E-08	5.53E-08	3.20E-08	3.70E-08	3.36E-08	1.53E-08	6.94E-09	6.12E-10	1.48E-08	3.26E-09	5.03E-09	7.98E-09	1.41E-09	3.64E-09	3.67E-08

5134	490863.09	3864377.25	5.54E-05	6.41E-05	2.90E-05	1.92E-08	5.80E-08	3.36E-08	3.88E-08	3.52E-08	1.61E-08	7.28E-09	6.41E-10	1.55E-08	3.42E-09	5.27E-09	8.36E-09	1.47E-09	3.82E-09	3.85E-08
5135	491363.09	3864377.25	5.74E-05	6.64E-05	3.01E-05	1.99E-08	6.01E-08	3.48E-08	4.03E-08	3.65E-08	1.66E-08	7.55E-09	6.65E-10	1.61E-08	3.54E-09	5.46E-09	8.67E-09	1.53E-09	3.96E-09	3.99E-08
5136	491863.09	3864377.25	4.27E-05	4.94E-05	2.25E-05	1.48E-08	4.47E-08	2.59E-08	2.99E-08	2.71E-08	1.24E-08	5.63E-09	4.94E-10	1.19E-08	2.63E-09	4.06E-09	6.44E-09	1.13E-09	2.96E-09	2.97E-08
5137	492363.09	3864377.25	5.96E-05	6.89E-05	3.13E-05	2.07E-08	6.24E-08	3.61E-08	4.18E-08	3.79E-08	1.73E-08	7.85E-09	6.90E-10	1.67E-08	3.68E-09	5.67E-09	8.99E-09	1.58E-09	4.12E-09	4.14E-08
5138	492863.09	3864377.25	5.31E-05	6.14E-05	2.80E-05	1.84E-08	5.56E-08	3.22E-08	3.72E-08	3.37E-08	1.54E-08	7.02E-09	6.14E-10	1.48E-08	3.28E-09	5.05E-09	8.01E-09	1.41E-09	3.68E-09	3.69E-08
5139	493363.09	3864377.25	5.53E-05	6.39E-05	2.92E-05	1.92E-08	5.79E-08	3.35E-08	3.87E-08	3.51E-08	1.60E-08	7.31E-09	6.40E-10	1.55E-08	3.41E-09	5.26E-09	8.34E-09	1.47E-09	3.84E-09	3.84E-08
5140	493863.09	3864377.25	5.91E-05	6.83E-05	3.10E-05	2.05E-08	6.18E-08	3.58E-08	4.14E-08	3.75E-08	1.71E-08	7.78E-09	6.83E-10	1.65E-08	3.64E-09	5.62E-09	8.91E-09	1.57E-09	4.08E-09	4.10E-08
5141	494363.09	3864377.25	6.31E-05	7.30E-05	3.31E-05	2.19E-08	6.61E-08	3.83E-08	4.42E-08	4.01E-08	1.83E-08	8.31E-09	7.31E-10	1.77E-08	3.90E-09	6.01E-09	9.53E-09	1.68E-09	4.36E-09	4.39E-08
5142	494863.09	3864377.25	6.40E-05	7.41E-05	3.36E-05	2.22E-08	6.70E-08	3.88E-08	4.49E-08	4.07E-08	1.86E-08	8.43E-09	7.41E-10	1.79E-08	3.95E-09	6.09E-09	9.66E-09	1.70E-09	4.42E-09	4.45E-08
5143	495363.09	3864377.25	6.20E-05	7.17E-05	3.26E-05	2.15E-08	6.49E-08	3.76E-08	4.34E-08	3.94E-08	1.80E-08	8.16E-09	7.17E-10	1.73E-08	3.82E-09	5.90E-09	9.35E-09	1.65E-09	4.28E-09	4.31E-08
5144	495863.09	3864377.25	5.87E-05	6.79E-05	3.09E-05	2.03E-08	6.14E-08	3.56E-08	4.11E-08	3.73E-08	1.70E-08	7.73E-09	6.79E-10	1.64E-08	3.62E-09	5.58E-09	8.86E-09	1.56E-09	4.06E-09	4.08E-08
5145	496363.09	3864377.25	5.59E-05	6.47E-05	2.94E-05	1.94E-08	5.85E-08	3.39E-08	3.92E-08	3.55E-08	1.62E-08	7.37E-09	6.47E-10	1.56E-08	3.45E-09	5.32E-09	8.44E-09	1.49E-09	3.87E-09	3.89E-08
5146	496863.09	3864377.25	5.48E-05	6.34E-05	2.88E-05	1.90E-08	5.73E-08	3.32E-08	3.84E-08	3.48E-08	1.59E-08	7.22E-09	6.34E-10	1.53E-08	3.38E-09	5.21E-09	8.27E-09	1.46E-09	3.79E-09	3.80E-08
5147	497363.09	3864377.25	5.43E-05	6.28E-05	2.85E-05	1.88E-08	5.68E-08	3.29E-08	3.80E-08	3.45E-08	1.57E-08	7.15E-09	6.28E-10	1.52E-08	3.35E-09	5.16E-09	8.19E-09	1.44E-09	3.75E-09	3.77E-08
5148	497863.09	3864377.25	5.47E-05	6.33E-05	2.88E-05	1.90E-08	5.72E-08	3.31E-08	3.83E-08	3.47E-08	1.58E-08	7.21E-09	6.33E-10	1.53E-08	3.37E-09	5.20E-09	8.25E-09	1.45E-09	3.78E-09	3.80E-08
5149	498363.09	3864377.25	5.39E-05	6.23E-05	2.83E-05	1.87E-08	5.64E-08	3.26E-08	3.77E-08	3.42E-08	1.56E-08	7.10E-09	6.23E-10	1.51E-08	3.32E-09	5.12E-09	8.12E-09	1.43E-09	3.73E-09	3.74E-08
5150	471363.09	3864877.25	2.79E-05	3.22E-05	1.48E-05	9.67E-09	2.92E-08	1.69E-08	1.95E-08	1.77E-08	8.08E-09	3.70E-09	3.23E-10	7.80E-09	1.72E-09	2.65E-09	4.21E-09	7.41E-10	1.94E-09	1.94E-08
5151	471863.09	3864877.25	2.80E-05	3.24E-05	1.48E-05	9.71E-09	2.93E-08	1.70E-08	1.96E-08	1.78E-08	8.11E-09	3.71E-09	3.24E-10	7.83E-09	1.73E-09	2.66E-09	4.22E-09	7.44E-10	1.95E-09	1.95E-08
5152	472363.09	3864877.25	2.81E-05	3.25E-05	1.49E-05	9.75E-09	2.94E-08	1.70E-08	1.97E-08	1.78E-08	8.14E-09	3.73E-09	3.26E-10	7.87E-09	1.74E-09	2.67E-09	4.24E-09	7.47E-10	1.96E-09	1.95E-08
5153	472863.09	3864877.25	2.84E-05	3.29E-05	1.50E-05	9.86E-09	2.98E-08	1.72E-08	1.99E-08	1.80E-08	8.23E-09	3.77E-09	3.29E-10	7.95E-09	1.75E-09	2.70E-09	4.29E-09	7.55E-10	1.98E-09	1.98E-08
5154	473363.09	3864877.25	2.89E-05	3.33E-05	1.53E-05	1.00E-08	3.02E-08	1.75E-08	2.02E-08	1.83E-08	8.35E-09	3.83E-09	3.34E-10	8.07E-09	1.78E-09	2.74E-09	4.35E-09	7.67E-10	2.01E-09	2.01E-08
5155	473863.09	3864877.25	2.95E-05	3.41E-05	1.56E-05	1.02E-08	3.09E-08	1.79E-08	2.07E-08	1.87E-08	8.55E-09	3.92E-09	3.42E-10	8.26E-09	1.82E-09	2.81E-09	4.45E-09	7.85E-10	2.06E-09	2.05E-08
5156	474363.09	3864877.25	3.04E-05	3.51E-05	1.61E-05	1.05E-08	3.18E-08	1.84E-08	2.13E-08	1.93E-08	8.80E-09	4.03E-09	3.52E-10	8.50E-09	1.88E-09	2.89E-09	4.58E-09	8.08E-10	2.12E-09	2.11E-08
5157	474863.09	3864877.25	3.13E-05	3.62E-05	1.66E-05	1.09E-08	3.28E-08	1.90E-08	2.19E-08	1.99E-08	9.07E-09	4.16E-09	3.63E-10	8.76E-09	1.93E-09	2.98E-09	4.72E-09	8.32E-10	2.18E-09	2.18E-08
5158	475363.09	3864877.25	3.24E-05	3.74E-05	1.71E-05	1.12E-08	3.39E-08	1.96E-08	2.27E-08	2.05E-08	9.37E-09	4.29E-09	3.75E-10	9.05E-09	2.00E-09	3.08E-09	4.88E-09	8.60E-10	2.25E-09	2.25E-08
5159	475863.09	3864877.25	3.35E-05	3.87E-05	1.77E-05	1.16E-08	3.51E-08	2.03E-08	2.35E-08	2.13E-08	9.70E-09	4.44E-09	3.88E-10	9.37E-09	2.07E-09	3.18E-09	5.05E-09	8.90E-10	2.33E-09	2.33E-08
5160	476363.09	3864877.25	3.50E-05	4.04E-05	1.85E-05	1.21E-08	3.66E-08	2.12E-08	2.45E-08	2.22E-08	1.01E-08	4.63E-09	4.05E-10	9.77E-09	2.16E-09	3.32E-09	5.27E-09	9.29E-10	2.43E-09	2.43E-08
5161	476863.09	3864877.25	3.67E-05	4.24E-05	1.94E-05	1.27E-08	3.84E-08	2.22E-08	2.57E-08	2.33E-08	1.06E-08	4.86E-09	4.25E-10	1.03E-08	2.26E-09	3.49E-09	5.53E-09	9.75E-10	2.55E-09	2.55E-08
5162	477363.09	3864877.25	3.81E-05	4.40E-05	2.01E-05	1.32E-08	3.99E-08	2.31E-08	2.67E-08	2.42E-08	1.10E-08	5.04E-09	4.41E-10	1.07E-08	2.35E-09	3.62E-09	5.74E-09	1.01E-09	2.65E-09	2.65E-08
5163	477863.09	3864877.25	3.94E-05	4.55E-05	2.08E-05	1.36E-08	4.12E-08	2.38E-08	2.76E-08	2.50E-08	1.14E-08	5.21E-09	4.56E-10	1.10E-08	2.43E-09	3.74E-09	5.93E-09	1.05E-09	2.73E-09	2.73E-08
5164	478363.09	3864877.25	4.10E-05	4.73E-05	2.16E-05	1.42E-08	4.29E-08	2.48E-08	2.87E-08	2.60E-08	1.19E-08	5.42E-09	4.74E-10	1.14E-08	2.53E-09	3.89E-09	6.18E-09	1.09E-09	2.84E-09	2.84E-08
5165	478863.09	3864877.25	4.31E-05	4.98E-05	2.27E-05	1.49E-08	4.51E-08	2.61E-08	3.02E-08	2.73E-08	1.25E-08	5.69E-09	4.98E-10	1.20E-08	2.66E-09	4.09E-09	6.49E-09	1.14E-09	2.99E-09	2.99E-08
5166	479363.09	3864877.25	4.54E-05	5.25E-05	2.39E-05	1.57E-08	4.75E-08	2.75E-08	3.18E-08	2.88E-08	1.32E-08	6.00E-09	5.26E-10	1.27E-08	2.80E-09	4.32E-09	6.85E-09	1.21E-09	3.15E-09	3.15E-08
5167	479863.09	3864877.25	4.77E-05	5.51E-05	2.51E-05	1.65E-08	4.99E-08	2.89E-08	3.34E-08	3.03E-08	1.38E-08	6.29E-09	5.52E-10	1.33E-08	2.94E-09	4.53E-09	7.19E-09	1.27E-09	3.30E-09	3.31E-08
5168	480363.09	3864877.25	4.94E-05	5.71E-05	2.60E-05	1.71E-08	5.17E-08	2.99E-08	3.46E-08	3.13E-08	1.43E-08	6.51E-09	5.71E-10	1.38E-08	3.05E-09	4.70E-09	7.45E-09	1.31E-09	3.41E-09	3.43E-08
5169	480863.09	3864877.25	4.97E-05	5.74E-05	2.61E-05	1.72E-08	5.20E-08	3.01E-08	3.48E-08	3.15E-08	1.44E-08	6.54E-09	5.75E-10	1.39E-08	3.06E-09	4.72E-09	7.49E-09	1.32E-09	3.43E-09	3.45E-08
5170	481363.09	3864877.25	4.98E-05	5.76E-05	2.62E-05	1.73E-08	5.21E-08	3.02E-08	3.49E-08	3.16E-08	1.44E-08	6.55E-09	5.76E-10	1.39E-08	3.07E-09	4.74E-09	7.51E-09	1.32E-09	3.44E-09	3.46E-08
5171	481863.09	3864877.25	5.06E-05	5.85E-05	2.65E-05	1.75E-08	5.29E-08	3.06E-08	3.54E-08	3.21E-08	1.46E-08	6.65E-09	5.85E-10	1.41E-08	3.12E-09	4.81E-09	7.63E-09	1.34E-09	3.49E-09	3.51E-08
5172	482363.09	3864877.25	5.16E-05	5.96E-05	2.71E-05	1.79E-08	5.40E-08	3.12E-08	3.61E-08	3.27E-08	1.49E-08	6.78E-09	5.97E-10	1.44E-08	3.18E-09	4.91E-09	7.78E-09	1.37E-09	3.56E-09	3.58E-08
5173	482863.09	3864877.25	5.17E-05	5.98E-05	2.71E-05	1.79E-08	5.41E-08	3.13E-08	3.62E-08	3.28E-08	1.50E-08	6.80E-09	5.98E-10	1.45E-08	3.19E-09	4.92E-09	7.80E-09	1.38E-09	3.57E-09	3.59E-08
5174	483363.09	3864877.25	5.10E-05	5.89E-05	2.68E-05	1.77E-08	5.33E-08	3.09E-08	3.57E-08	3.24E-08	1.48E-08	6.71E-09	5.90E-10	1.42E-08	3.14E-09	4.85E-09	7.69E-09	1.36E-09	3.52E-09	3.54E-08
5175	483863.09	3864877.25	5.11E-05	5.90E-05	2.68E-05	1.77E-08	5.34E-08	3.09E-08	3.58E-08	3.24E-08	1.48E-08	6.73E-09	5.91E-10	1.43E-08	3.15E-09	4.85E-09	7.70E-09	1.36E-09	3.53E-09	3.55E-08
5176	484363.09	3864877.25	5.21E-05	6.02E-05	2.74E-05	1.80E-08	5.45E-08	3.15E-08	3.65E-08	3.31E-08	1.51E-08	6.86E-09	6.02E-10	1.46E-08	3.21E-09	4.95E-09	7.85E-09	1.38E-09	3.60E-09	3.62E-08
5177	484863.09	3864877.25	5.14E-05	5.95E-05	2.70E-05	1.78E-08	5.38E-08	3.12E-08	3.60E-08	3.27E-08	1.49E-08	6.77E-09	5.95E-10	1.44E-08	3.17E-09	4.89E-09	7.76E-09	1.37E-09	3.55E-09	3.57E-08
5178	485363.09	3864877.25	4.91E-05	5.67E-05	2.57E-05	1.70E-08	5.13E-08	2.97E-08	3.44E-08	3.12E-08	1.42E-08	6.45E-09	5.68E-10	1.37E-08	3.03E-09	4.67E-09	7.40E-09	1.30E-09	3.39E-09	3.41E-08
5179	485863.09	3864877.25	4.71E-05	5.45E-05	2.47E-05	1.63E-08	4.93E-08	2.85E-08	3.30E-08	2.99E-08	1.36E-08	6.19E-09	5.45E-10	1.32E-08	2.90E-09	4.48E-09	7.10E-09	1.25E-09	3.25E-09	3.27E-08
5180	486363.09	3864877.25	4.55E-05	5.26E-05	2.39E-05	1.58E-08	4.76E-08	2.76E-08	3.19E-08	2.89E-08	1.32E-08	5.99E-09	5.27E-10	1.27E-08	2.81E-09	4.33E-09	6.87E-09	1.21E-09	3.14E-09	3.16E-08
5181	486863.09	3864877.25	4.46E-05	5.15E-05	2.34E-05	1.54E-08	4.66E-08	2.70E-08	3.12E-08	2.83E-08	1.29E-08	5.87E-09	5.16E-10	1.25E-08	2.75E-09	4.24E-09	6.72E-09	1.18E-09	3.08E-09	3.09E-08
5182	487363.09	3864877.25	4.55E-05	5.26E-05	2.39E-05	1.58E-08	4.76E-08	2.76E-08	3.19E-08	2.89E-08	1.32E-08	6.00E-09	5.26E-10	1.27E-08	2.81E-09	4.32E-09	6.86E-09	1.21E-09	3.15E-09	3.16E-08
5183	487863.09	3864877.25	4.79E-05	5.53E-05	2.52E-05	1.66E-08	5.01E-08	2.90E-08	3.35E-08	3.04E-08	1.39E-08	6.31E-09	5.54E-10	1.34E-08	2.95E-09	4.55E-09	7.22E-09	1.27E-09	3.31E-09	3.32E-08
5184	488363.09	3864877.25	4.94E-05	5.71E-05	2.59E-05	1.71E-08	5.16E-08	2.99E-08	3.46E-08	3.13E-08	1.43E-08	6.50E-09	5.71E-10	1.38E-08	3.04E-09	4.69E-09	7.45E-09	1.31E-09	3.41E-09	3.43E-08
5185	488863.09	3864877.25	4.92E-05	5.69E-05	2.58E-05	1.71E-08	5.15E-08	2.98E-08	3.45E-08	3.13E-08	1.43E-08	6.47E-09	5.69E-10	1.38E-08	3.04E-09	4.68E-09	7.43E-09	1.31E-09	3.40E-09	3.42E-08
5186	489363.09	3864877.25	4.74E-05	5.48E-05	2.49E-05	1.64E-08	4.96E-08	2.87E-08	3.32E-08	3.01E-08	1.37E-08	6.23E-09	5.49E-10	1.33E-08	2.92E-09	4.51E-09	7.15E-09	1.26E-09	3.27E-09	3.29E-08

5187	489863.09	3864877.25	4.60E-05	5.33E-05	2.42E-05	1.60E-08	4.82E-08	2.79E-08	3.23E-08	2.92E-08	1.33E-08	6.05E-09	5.33E-10	1.29E-08	2.84E-09	4.38E-09	6.95E-09	1.22E-09	3.18E-09	3.20E-08
5188	490363.09	3864877.25	4.69E-05	5.43E-05	2.46E-05	1.63E-08	4.91E-08	2.84E-08	3.29E-08	2.98E-08	1.36E-08	6.17E-09	5.43E-10	1.31E-08	2.90E-09	4.47E-09	7.08E-09	1.25E-09	3.24E-09	3.26E-08
5189	490863.09	3864877.25	5.20E-05	6.02E-05	2.72E-05	1.80E-08	5.44E-08	3.15E-08	3.65E-08	3.30E-08	1.51E-08	6.83E-09	6.02E-10	1.45E-08	3.21E-09	4.95E-09	7.85E-09	1.38E-09	3.58E-09	3.61E-08
5190	491363.09	3864877.25	5.27E-05	6.09E-05	2.76E-05	1.83E-08	5.51E-08	3.19E-08	3.69E-08	3.35E-08	1.53E-08	6.92E-09	6.09E-10	1.47E-08	3.25E-09	5.01E-09	7.95E-09	1.40E-09	3.63E-09	3.66E-08
5191	491863.09	3864877.25	5.27E-05	6.09E-05	2.76E-05	1.83E-08	5.51E-08	3.19E-08	3.69E-08	3.35E-08	1.53E-08	6.93E-09	6.10E-10	1.47E-08	3.25E-09	5.01E-09	7.95E-09	1.40E-09	3.64E-09	3.66E-08
5192	492363.09	3864877.25	2.64E-05	3.04E-05	1.40E-05	9.13E-09	2.76E-08	1.60E-08	1.84E-08	1.67E-08	7.63E-09	3.50E-09	3.05E-10	7.37E-09	1.63E-09	2.50E-09	3.97E-09	7.00E-10	1.83E-09	1.83E-08
5193	492863.09	3864877.25	3.83E-05	4.43E-05	2.02E-05	1.33E-08	4.01E-08	2.32E-08	2.68E-08	2.43E-08	1.11E-08	5.07E-09	4.43E-10	1.07E-08	2.36E-09	3.64E-09	5.78E-09	1.02E-09	2.66E-09	2.66E-08
5194	493363.09	3864877.25	3.65E-05	4.21E-05	1.93E-05	1.26E-08	3.82E-08	2.21E-08	2.55E-08	2.31E-08	1.06E-08	4.83E-09	4.22E-10	1.02E-08	2.25E-09	3.47E-09	5.50E-09	9.69E-10	2.54E-09	2.53E-08
5195	493863.09	3864877.25	5.03E-05	5.81E-05	2.65E-05	1.74E-08	5.26E-08	3.04E-08	3.52E-08	3.19E-08	1.46E-08	6.65E-09	5.82E-10	1.41E-08	3.10E-09	4.78E-09	7.58E-09	1.34E-09	3.49E-09	3.49E-08
5196	494363.09	3864877.25	5.40E-05	6.24E-05	2.84E-05	1.87E-08	5.65E-08	3.27E-08	3.78E-08	3.43E-08	1.56E-08	7.11E-09	6.25E-10	1.51E-08	3.33E-09	5.14E-09	8.15E-09	1.44E-09	3.73E-09	3.75E-08
5197	494863.09	3864877.25	5.72E-05	6.62E-05	3.00E-05	1.98E-08	5.99E-08	3.47E-08	4.01E-08	3.63E-08	1.66E-08	7.53E-09	6.62E-10	1.60E-08	3.53E-09	5.44E-09	8.63E-09	1.52E-09	3.95E-09	3.97E-08
5198	495363.09	3864877.25	5.82E-05	6.73E-05	3.06E-05	2.02E-08	6.09E-08	3.53E-08	4.08E-08	3.70E-08	1.69E-08	7.66E-09	6.74E-10	1.63E-08	3.59E-09	5.54E-09	8.78E-09	1.55E-09	4.02E-09	4.04E-08
5199	495863.09	3864877.25	5.65E-05	6.53E-05	2.97E-05	1.96E-08	5.91E-08	3.42E-08	3.96E-08	3.59E-08	1.64E-08	7.44E-09	6.54E-10	1.58E-08	3.48E-09	5.37E-09	8.52E-09	1.50E-09	3.90E-09	3.92E-08
5200	496363.09	3864877.25	5.39E-05	6.23E-05	2.83E-05	1.87E-08	5.64E-08	3.27E-08	3.78E-08	3.42E-08	1.56E-08	7.10E-09	6.24E-10	1.51E-08	3.32E-09	5.13E-09	8.13E-09	1.43E-09	3.73E-09	3.74E-08
5201	496863.09	3864877.25	5.13E-05	5.94E-05	2.70E-05	1.78E-08	5.37E-08	3.11E-08	3.60E-08	3.26E-08	1.49E-08	6.76E-09	5.94E-10	1.43E-08	3.17E-09	4.88E-09	7.74E-09	1.36E-09	3.55E-09	3.56E-08
5202	497363.09	3864877.25	4.99E-05	5.77E-05	2.62E-05	1.73E-08	5.22E-08	3.02E-08	3.49E-08	3.17E-08	1.45E-08	6.57E-09	5.77E-10	1.39E-08	3.08E-09	4.74E-09	7.53E-09	1.33E-09	3.45E-09	3.46E-08
5203	497863.09	3864877.25	4.97E-05	5.74E-05	2.61E-05	1.72E-08	5.20E-08	3.01E-08	3.48E-08	3.15E-08	1.44E-08	6.54E-09	5.75E-10	1.39E-08	3.06E-09	4.72E-09	7.49E-09	1.32E-09	3.43E-09	3.45E-08
5204	498363.09	3864877.25	4.95E-05	5.73E-05	2.60E-05	1.72E-08	5.18E-08	3.00E-08	3.47E-08	3.14E-08	1.43E-08	6.53E-09	5.73E-10	1.38E-08	3.05E-09	4.71E-09	7.47E-09	1.32E-09	3.43E-09	3.44E-08
5205	471363.09	3865377.25	2.55E-05	2.94E-05	1.35E-05	8.82E-09	2.66E-08	1.54E-08	1.78E-08	1.61E-08	7.37E-09	3.38E-09	2.95E-10	7.12E-09	1.57E-09	2.42E-09	3.84E-09	6.76E-10	1.77E-09	1.77E-08
5206	471863.09	3865377.25	2.57E-05	2.96E-05	1.36E-05	8.89E-09	2.68E-08	1.55E-08	1.79E-08	1.63E-08	7.42E-09	3.40E-09	2.97E-10	7.17E-09	1.58E-09	2.44E-09	3.87E-09	6.81E-10	1.79E-09	1.78E-08
5207	472363.09	3865377.25	2.61E-05	3.01E-05	1.38E-05	9.04E-09	2.73E-08	1.58E-08	1.82E-08	1.65E-08	7.54E-09	3.46E-09	3.02E-10	7.29E-09	1.61E-09	2.48E-09	3.93E-09	6.92E-10	1.82E-09	1.81E-08
5208	472863.09	3865377.25	2.67E-05	3.09E-05	1.42E-05	9.26E-09	2.80E-08	1.62E-08	1.87E-08	1.69E-08	7.73E-09	3.55E-09	3.09E-10	7.47E-09	1.65E-09	2.54E-09	4.03E-09	7.09E-10	1.86E-09	1.86E-08
5209	473363.09	3865377.25	2.74E-05	3.16E-05	1.45E-05	9.48E-09	2.86E-08	1.66E-08	1.91E-08	1.73E-08	7.92E-09	3.63E-09	3.17E-10	7.65E-09	1.69E-09	2.60E-09	4.12E-09	7.26E-10	1.91E-09	1.90E-08
5210	473863.09	3865377.25	2.81E-05	3.25E-05	1.49E-05	9.74E-09	2.94E-08	1.70E-08	1.97E-08	1.78E-08	8.13E-09	3.73E-09	3.25E-10	7.85E-09	1.73E-09	2.67E-09	4.23E-09	7.46E-10	1.96E-09	1.95E-08
5211	474363.09	3865377.25	2.89E-05	3.34E-05	1.53E-05	1.00E-08	3.03E-08	1.75E-08	2.02E-08	1.83E-08	8.37E-09	3.84E-09	3.35E-10	8.08E-09	1.78E-09	2.75E-09	4.36E-09	7.68E-10	2.01E-09	2.01E-08
5212	474863.09	3865377.25	2.98E-05	3.44E-05	1.58E-05	1.03E-08	3.12E-08	1.81E-08	2.09E-08	1.89E-08	8.63E-09	3.95E-09	3.45E-10	8.33E-09	1.84E-09	2.83E-09	4.49E-09	7.92E-10	2.07E-09	2.07E-08
5213	475363.09	3865377.25	3.06E-05	3.54E-05	1.62E-05	1.06E-08	3.21E-08	1.86E-08	2.14E-08	1.94E-08	8.87E-09	4.06E-09	3.55E-10	8.57E-09	1.89E-09	2.91E-09	4.62E-09	8.14E-10	2.13E-09	2.13E-08
5214	475863.09	3865377.25	3.18E-05	3.68E-05	1.68E-05	1.10E-08	3.33E-08	1.93E-08	2.23E-08	2.02E-08	9.21E-09	4.22E-09	3.68E-10	8.90E-09	1.96E-09	3.02E-09	4.80E-09	8.46E-10	2.21E-09	2.21E-08
5215	476363.09	3865377.25	3.37E-05	3.89E-05	1.78E-05	1.17E-08	3.52E-08	2.04E-08	2.36E-08	2.14E-08	9.75E-09	4.46E-09	3.90E-10	9.42E-09	2.08E-09	3.20E-09	5.08E-09	8.95E-10	2.34E-09	2.34E-08
5216	476863.09	3865377.25	3.53E-05	4.08E-05	1.87E-05	1.22E-08	3.69E-08	2.14E-08	2.47E-08	2.24E-08	1.02E-08	4.67E-09	4.08E-10	9.87E-09	2.18E-09	3.35E-09	5.32E-09	9.38E-10	2.45E-09	2.45E-08
5217	477363.09	3865377.25	3.62E-05	4.19E-05	1.91E-05	1.26E-08	3.79E-08	2.20E-08	2.54E-08	2.30E-08	1.05E-08	4.80E-09	4.19E-10	1.01E-08	2.24E-09	3.44E-09	5.46E-09	9.63E-10	2.52E-09	2.52E-08
5218	477863.09	3865377.25	3.71E-05	4.29E-05	1.96E-05	1.29E-08	3.89E-08	2.25E-08	2.60E-08	2.36E-08	1.08E-08	4.91E-09	4.30E-10	1.04E-08	2.29E-09	3.53E-09	5.60E-09	9.87E-10	2.58E-09	2.58E-08
5219	478363.09	3865377.25	3.89E-05	4.50E-05	2.06E-05	1.35E-08	4.08E-08	2.36E-08	2.73E-08	2.47E-08	1.13E-08	5.15E-09	4.51E-10	1.09E-08	2.40E-09	3.70E-09	5.87E-09	1.03E-09	2.70E-09	2.71E-08
5220	478863.09	3865377.25	4.09E-05	4.73E-05	2.16E-05	1.42E-08	4.28E-08	2.48E-08	2.86E-08	2.60E-08	1.18E-08	5.40E-09	4.73E-10	1.14E-08	2.52E-09	3.89E-09	6.17E-09	1.09E-09	2.84E-09	2.84E-08
5221	479363.09	3865377.25	4.28E-05	4.95E-05	2.26E-05	1.48E-08	4.48E-08	2.59E-08	3.00E-08	2.72E-08	1.24E-08	5.65E-09	4.95E-10	1.20E-08	2.64E-09	4.07E-09	6.46E-09	1.14E-09	2.97E-09	2.97E-08
5222	479863.09	3865377.25	4.45E-05	5.15E-05	2.34E-05	1.54E-08	4.66E-08	2.70E-08	3.12E-08	2.83E-08	1.29E-08	5.87E-09	5.15E-10	1.24E-08	2.75E-09	4.23E-09	6.71E-09	1.18E-09	3.08E-09	3.09E-08
5223	480363.09	3865377.25	4.52E-05	5.22E-05	2.37E-05	1.57E-08	4.73E-08	2.74E-08	3.16E-08	2.87E-08	1.31E-08	5.95E-09	5.23E-10	1.26E-08	2.79E-09	4.30E-09	6.82E-09	1.20E-09	3.12E-09	3.14E-08
5224	480863.09	3865377.25	4.53E-05	5.23E-05	2.38E-05	1.57E-08	4.74E-08	2.74E-08	3.17E-08	2.87E-08	1.31E-08	5.96E-09	5.24E-10	1.27E-08	2.79E-09	4.31E-09	6.83E-09	1.20E-09	3.13E-09	3.14E-08
5225	481363.09	3865377.25	4.56E-05	5.27E-05	2.39E-05	1.58E-08	4.77E-08	2.76E-08	3.19E-08	2.89E-08	1.32E-08	6.00E-09	5.28E-10	1.27E-08	2.81E-09	4.34E-09	6.88E-09	1.21E-09	3.15E-09	3.17E-08
5226	481863.09	3865377.25	4.62E-05	5.34E-05	2.43E-05	1.60E-08	4.83E-08	2.80E-08	3.24E-08	2.93E-08	1.34E-08	6.08E-09	5.35E-10	1.29E-08	2.85E-09	4.39E-09	6.97E-09	1.23E-09	3.19E-09	3.21E-08
5227	482363.09	3865377.25	4.68E-05	5.42E-05	2.46E-05	1.62E-08	4.90E-08	2.84E-08	3.28E-08	2.97E-08	1.36E-08	6.16E-09	5.42E-10	1.31E-08	2.89E-09	4.46E-09	7.07E-09	1.25E-09	3.23E-09	3.25E-08
5228	482863.09	3865377.25	4.66E-05	5.39E-05	2.45E-05	1.62E-08	4.88E-08	2.82E-08	3.26E-08	2.96E-08	1.35E-08	6.13E-09	5.39E-10	1.30E-08	2.87E-09	4.43E-09	7.03E-09	1.24E-09	3.22E-09	3.24E-08
5229	483363.09	3865377.25	4.62E-05	5.34E-05	2.43E-05	1.60E-08	4.83E-08	2.80E-08	3.24E-08	2.93E-08	1.34E-08	6.09E-09	5.35E-10	1.29E-08	2.85E-09	4.39E-09	6.97E-09	1.23E-09	3.20E-09	3.21E-08
5230	483863.09	3865377.25	4.68E-05	5.41E-05	2.46E-05	1.62E-08	4.90E-08	2.84E-08	3.28E-08	2.97E-08	1.36E-08	6.18E-09	5.42E-10	1.31E-08	2.89E-09	4.45E-09	7.06E-09	1.24E-09	3.24E-09	3.25E-08
5231	484363.09	3865377.25	4.76E-05	5.50E-05	2.50E-05	1.65E-08	4.98E-08	2.88E-08	3.33E-08	3.02E-08	1.38E-08	6.27E-09	5.50E-10	1.33E-08	2.93E-09	4.52E-09	7.18E-09	1.26E-09	3.29E-09	3.30E-08
5232	484863.09	3865377.25	4.67E-05	5.41E-05	2.45E-05	1.62E-08	4.89E-08	2.83E-08	3.27E-08	2.97E-08	1.35E-08	6.15E-09	5.41E-10	1.31E-08	2.88E-09	4.45E-09	7.05E-09	1.24E-09	3.23E-09	3.25E-08
5233	485363.09	3865377.25	4.47E-05	5.17E-05	2.35E-05	1.55E-08	4.68E-08	2.71E-08	3.13E-08	2.84E-08	1.30E-08	5.88E-09	5.17E-10	1.25E-08	2.76E-09	4.25E-09	6.74E-09	1.19E-09	3.09E-09	3.10E-08
5234	485863.09	3865377.25	4.30E-05	4.97E-05	2.26E-05	1.49E-08	4.50E-08	2.60E-08	3.01E-08	2.73E-08	1.25E-08	5.66E-09	4.98E-10	1.20E-08	2.65E-09	4.09E-09	6.49E-09	1.14E-09	2.97E-09	2.99E-08
5235	486363.09	3865377.25	4.16E-05	4.81E-05	2.18E-05	1.44E-08	4.35E-08	2.52E-08	2.91E-08	2.64E-08	1.20E-08	5.47E-09	4.81E-10	1.16E-08	2.56E-09	3.95E-09	6.27E-09	1.10E-09	2.87E-09	2.89E-08
5236	486863.09	3865377.25	4.05E-05	4.68E-05	2.13E-05	1.40E-08	4.24E-08	2.45E-08	2.84E-08	2.57E-08	1.17E-08	5.34E-09	4.69E-10	1.13E-08	2.50E-09	3.85E-09	6.11E-09	1.08E-09	2.80E-09	2.81E-08
5237	487363.09	3865377.25	4.12E-05	4.76E-05	2.17E-05	1.43E-08	4.31E-08	2.49E-08	2.88E-08	2.61E-08	1.19E-08	5.43E-09	4.76E-10	1.15E-08	2.54E-09	3.91E-09	6.21E-09	1.09E-09	2.85E-09	2.86E-08
5238	487863.09	3865377.25	4.34E-05	5.02E-05	2.28E-05	1.50E-08	4.54E-08	2.63E-08	3.04E-08	2.75E-08	1.26E-08	5.72E-09	5.02E-10	1.21E-08	2.68E-09	4.13E-09	6.54E-09	1.15E-09	3.00E-09	3.01E-08
5239	488363.09	3865377.25	4.51E-05	5.21E-05	2.37E-05	1.56E-08	4.72E-08	2.73E-08	3.16E-08	2.86E-08	1.31E-08	5.94E-09	5.22E-10	1.26E-08	2.78E-09	4.29E-09	6.80E-09	1.20E-09	3.12E-09	3.13E-08

5240	488863.09	3865377.25	4.54E-05	5.25E-05	2.38E-05	1.57E-08	4.75E-08	2.75E-08	3.18E-08	2.88E-08	1.32E-08	5.97E-09	5.25E-10	1.27E-08	2.80E-09	4.32E-09	6.85E-09	1.21E-09	3.13E-09	3.15E-08
5241	489363.09	3865377.25	4.42E-05	5.11E-05	2.32E-05	1.53E-08	4.63E-08	2.68E-08	3.10E-08	2.81E-08	1.28E-08	5.81E-09	5.12E-10	1.24E-08	2.73E-09	4.21E-09	6.67E-09	1.18E-09	3.05E-09	3.07E-08
5242	489863.09	3865377.25	4.29E-05	4.96E-05	2.25E-05	1.49E-08	4.49E-08	2.60E-08	3.00E-08	2.72E-08	1.24E-08	5.64E-09	4.96E-10	1.20E-08	2.64E-09	4.08E-09	6.47E-09	1.14E-09	2.96E-09	2.98E-08
5243	490363.09	3865377.25	4.41E-05	5.10E-05	2.31E-05	1.53E-08	4.61E-08	2.67E-08	3.09E-08	2.80E-08	1.28E-08	5.79E-09	5.10E-10	1.23E-08	2.72E-09	4.19E-09	6.65E-09	1.17E-09	3.04E-09	3.06E-08
5244	490863.09	3865377.25	4.60E-05	5.32E-05	2.41E-05	1.59E-08	4.82E-08	2.79E-08	3.22E-08	2.92E-08	1.33E-08	6.04E-09	5.33E-10	1.29E-08	2.84E-09	4.38E-09	6.95E-09	1.22E-09	3.17E-09	3.20E-08
5245	491363.09	3865377.25	4.84E-05	5.60E-05	2.54E-05	1.68E-08	5.06E-08	2.93E-08	3.39E-08	3.07E-08	1.40E-08	6.35E-09	5.60E-10	1.35E-08	2.99E-09	4.60E-09	7.30E-09	1.29E-09	3.33E-09	3.36E-08
5246	491863.09	3865377.25	4.86E-05	5.62E-05	2.55E-05	1.68E-08	5.09E-08	2.94E-08	3.41E-08	3.09E-08	1.41E-08	6.39E-09	5.62E-10	1.36E-08	3.00E-09	4.62E-09	7.33E-09	1.29E-09	3.35E-09	3.37E-08
5247	492363.09	3865377.25	4.40E-05	5.08E-05	2.31E-05	1.52E-08	4.60E-08	2.66E-08	3.08E-08	2.79E-08	1.27E-08	5.80E-09	5.09E-10	1.23E-08	2.71E-09	4.18E-09	6.63E-09	1.17E-09	3.04E-09	3.05E-08
5248	492863.09	3865377.25	3.97E-05	4.58E-05	2.09E-05	1.37E-08	4.15E-08	2.40E-08	2.78E-08	2.52E-08	1.15E-08	5.24E-09	4.59E-10	1.11E-08	2.45E-09	3.77E-09	5.98E-09	1.05E-09	2.75E-09	2.75E-08
5249	493363.09	3865377.25	3.38E-05	3.90E-05	1.78E-05	1.17E-08	3.53E-08	2.05E-08	2.36E-08	2.14E-08	9.78E-09	4.47E-09	3.91E-10	9.44E-09	2.08E-09	3.21E-09	5.09E-09	8.97E-10	2.34E-09	2.35E-08
5250	493863.09	3865377.25	4.58E-05	5.29E-05	2.42E-05	1.59E-08	4.79E-08	2.77E-08	3.20E-08	2.90E-08	1.32E-08	6.06E-09	5.30E-10	1.28E-08	2.82E-09	4.35E-09	6.90E-09	1.22E-09	3.18E-09	3.18E-08
5251	494363.09	3865377.25	4.59E-05	5.30E-05	2.42E-05	1.59E-08	4.80E-08	2.78E-08	3.21E-08	2.91E-08	1.33E-08	6.06E-09	5.31E-10	1.28E-08	2.83E-09	4.36E-09	6.92E-09	1.22E-09	3.18E-09	3.19E-08
5252	494863.09	3865377.25	4.90E-05	5.66E-05	2.58E-05	1.70E-08	5.13E-08	2.97E-08	3.43E-08	3.11E-08	1.42E-08	6.45E-09	5.67E-10	1.37E-08	3.02E-09	4.66E-09	7.39E-09	1.30E-09	3.39E-09	3.40E-08
5253	495363.09	3865377.25	5.21E-05	6.03E-05	2.74E-05	1.81E-08	5.45E-08	3.16E-08	3.65E-08	3.31E-08	1.51E-08	6.86E-09	6.03E-10	1.46E-08	3.22E-09	4.96E-09	7.87E-09	1.39E-09	3.60E-09	3.62E-08
5254	495863.09	3865377.25	5.31E-05	6.14E-05	2.79E-05	1.84E-08	5.56E-08	3.22E-08	3.72E-08	3.37E-08	1.54E-08	6.99E-09	6.15E-10	1.48E-08	3.28E-09	5.05E-09	8.01E-09	1.41E-09	3.67E-09	3.69E-08
5255	496363.09	3865377.25	5.22E-05	6.04E-05	2.74E-05	1.81E-08	5.46E-08	3.16E-08	3.66E-08	3.32E-08	1.51E-08	6.88E-09	6.04E-10	1.46E-08	3.22E-09	4.97E-09	7.88E-09	1.39E-09	3.61E-09	3.63E-08
5256	496863.09	3865377.25	4.99E-05	5.77E-05	2.62E-05	1.73E-08	5.22E-08	3.02E-08	3.49E-08	3.17E-08	1.45E-08	6.57E-09	5.77E-10	1.39E-08	3.08E-09	4.74E-09	7.52E-09	1.33E-09	3.45E-09	3.46E-08
5257	497363.09	3865377.25	4.73E-05	5.47E-05	2.49E-05	1.64E-08	4.95E-08	2.87E-08	3.31E-08	3.00E-08	1.37E-08	6.23E-09	5.48E-10	1.32E-08	2.92E-09	4.50E-09	7.14E-09	1.26E-09	3.27E-09	3.29E-08
5258	497863.09	3865377.25	4.58E-05	5.30E-05	2.41E-05	1.59E-08	4.79E-08	2.77E-08	3.21E-08	2.91E-08	1.33E-08	6.03E-09	5.30E-10	1.28E-08	2.82E-09	4.35E-09	6.91E-09	1.22E-09	3.17E-09	3.18E-08
5259	498363.09	3865377.25	4.55E-05	5.26E-05	2.39E-05	1.58E-08	4.76E-08	2.76E-08	3.19E-08	2.89E-08	1.32E-08	6.00E-09	5.27E-10	1.27E-08	2.81E-09	4.33E-09	6.87E-09	1.21E-09	3.15E-09	3.16E-08
5260	471363.09	3865877.25	2.36E-05	2.73E-05	1.25E-05	8.18E-09	2.47E-08	1.43E-08	1.65E-08	1.50E-08	6.83E-09	3.14E-09	2.73E-10	6.60E-09	1.46E-09	2.24E-09	3.56E-09	6.27E-10	1.65E-09	1.64E-08
5261	471863.09	3865877.25	2.41E-05	2.78E-05	1.28E-05	8.36E-09	2.52E-08	1.46E-08	1.69E-08	1.53E-08	6.98E-09	3.20E-09	2.79E-10	6.74E-09	1.49E-09	2.29E-09	3.63E-09	6.40E-10	1.68E-09	1.67E-08
5262	472363.09	3865877.25	2.49E-05	2.87E-05	1.32E-05	8.63E-09	2.61E-08	1.51E-08	1.74E-08	1.58E-08	7.20E-09	3.31E-09	2.88E-10	6.96E-09	1.54E-09	2.36E-09	3.75E-09	6.61E-10	1.74E-09	1.73E-08
5263	472863.09	3865877.25	2.55E-05	2.94E-05	1.35E-05	8.82E-09	2.66E-08	1.54E-08	1.78E-08	1.61E-08	7.37E-09	3.38E-09	2.95E-10	7.12E-09	1.57E-09	2.42E-09	3.84E-09	6.76E-10	1.78E-09	1.77E-08
5264	473363.09	3865877.25	2.61E-05	3.02E-05	1.38E-05	9.05E-09	2.73E-08	1.58E-08	1.83E-08	1.66E-08	7.56E-09	3.47E-09	3.02E-10	7.30E-09	1.61E-09	2.48E-09	3.94E-09	6.94E-10	1.82E-09	1.81E-08
5265	473863.09	3865877.25	2.68E-05	3.09E-05	1.42E-05	9.28E-09	2.80E-08	1.62E-08	1.87E-08	1.70E-08	7.75E-09	3.56E-09	3.10E-10	7.49E-09	1.65E-09	2.54E-09	4.04E-09	7.11E-10	1.87E-09	1.86E-08
5266	474363.09	3865877.25	2.75E-05	3.17E-05	1.45E-05	9.51E-09	2.87E-08	1.66E-08	1.92E-08	1.74E-08	7.94E-09	3.64E-09	3.18E-10	7.67E-09	1.69E-09	2.61E-09	4.14E-09	7.29E-10	1.91E-09	1.91E-08
5267	474863.09	3865877.25	2.83E-05	3.26E-05	1.50E-05	9.80E-09	2.96E-08	1.71E-08	1.98E-08	1.79E-08	8.18E-09	3.75E-09	3.27E-10	7.90E-09	1.74E-09	2.69E-09	4.26E-09	7.51E-10	1.97E-09	1.96E-08
5268	475363.09	3865877.25	2.92E-05	3.38E-05	1.55E-05	1.01E-08	3.06E-08	1.77E-08	2.05E-08	1.85E-08	8.46E-09	3.87E-09	3.38E-10	8.17E-09	1.80E-09	2.78E-09	4.40E-09	7.76E-10	2.03E-09	2.03E-08
5269	475863.09	3865877.25	3.04E-05	3.52E-05	1.61E-05	1.06E-08	3.19E-08	1.84E-08	2.13E-08	1.93E-08	8.81E-09	4.03E-09	3.52E-10	8.51E-09	1.88E-09	2.89E-09	4.59E-09	8.09E-10	2.12E-09	2.12E-08
5270	476363.09	3865877.25	3.23E-05	3.73E-05	1.71E-05	1.12E-08	3.38E-08	1.95E-08	2.26E-08	2.05E-08	9.34E-09	4.27E-09	3.73E-10	9.02E-09	1.99E-09	3.07E-09	4.86E-09	8.57E-10	2.24E-09	2.24E-08
5271	476863.09	3865877.25	3.34E-05	3.86E-05	1.77E-05	1.16E-08	3.50E-08	2.03E-08	2.34E-08	2.12E-08	9.68E-09	4.43E-09	3.87E-10	9.35E-09	2.06E-09	3.18E-09	5.04E-09	8.88E-10	2.32E-09	2.32E-08
5272	477363.09	3865877.25	3.45E-05	3.98E-05	1.82E-05	1.19E-08	3.61E-08	2.09E-08	2.41E-08	2.19E-08	9.98E-09	4.56E-09	3.99E-10	9.63E-09	2.13E-09	3.27E-09	5.20E-09	9.16E-10	2.39E-09	2.39E-08
5273	477863.09	3865877.25	3.55E-05	4.10E-05	1.87E-05	1.23E-08	3.71E-08	2.15E-08	2.48E-08	2.25E-08	1.03E-08	4.70E-09	4.11E-10	9.92E-09	2.19E-09	3.37E-09	5.35E-09	9.43E-10	2.46E-09	2.47E-08
5274	478363.09	3865877.25	3.72E-05	4.30E-05	1.96E-05	1.29E-08	3.89E-08	2.25E-08	2.60E-08	2.36E-08	1.08E-08	4.92E-09	4.30E-10	1.04E-08	2.29E-09	3.53E-09	5.61E-09	9.88E-10	2.58E-09	2.58E-08
5275	478863.09	3865877.25	3.88E-05	4.49E-05	2.05E-05	1.35E-08	4.06E-08	2.35E-08	2.72E-08	2.47E-08	1.12E-08	5.13E-09	4.50E-10	1.09E-08	2.40E-09	3.69E-09	5.86E-09	1.03E-09	2.69E-09	2.70E-08
5276	479363.09	3865877.25	4.03E-05	4.66E-05	2.12E-05	1.40E-08	4.22E-08	2.44E-08	2.82E-08	2.56E-08	1.17E-08	5.32E-09	4.67E-10	1.13E-08	2.49E-09	3.83E-09	6.08E-09	1.07E-09	2.79E-09	2.80E-08
5277	479863.09	3865877.25	4.12E-05	4.76E-05	2.17E-05	1.43E-08	4.31E-08	2.50E-08	2.89E-08	2.62E-08	1.19E-08	5.43E-09	4.77E-10	1.15E-08	2.54E-09	3.92E-09	6.22E-09	1.10E-09	2.85E-09	2.86E-08
5278	480363.09	3865877.25	4.16E-05	4.81E-05	2.19E-05	1.44E-08	4.35E-08	2.52E-08	2.91E-08	2.64E-08	1.20E-08	5.48E-09	4.81E-10	1.16E-08	2.57E-09	3.96E-09	6.27E-09	1.11E-09	2.87E-09	2.89E-08
5279	480863.09	3865877.25	4.18E-05	4.83E-05	2.19E-05	1.45E-08	4.37E-08	2.53E-08	2.93E-08	2.65E-08	1.21E-08	5.50E-09	4.83E-10	1.17E-08	2.58E-09	3.97E-09	6.30E-09	1.11E-09	2.89E-09	2.90E-08
5280	481363.09	3865877.25	4.19E-05	4.84E-05	2.20E-05	1.45E-08	4.38E-08	2.54E-08	2.93E-08	2.66E-08	1.21E-08	5.51E-09	4.85E-10	1.17E-08	2.58E-09	3.98E-09	6.32E-09	1.11E-09	2.89E-09	2.91E-08
5281	481863.09	3865877.25	4.24E-05	4.90E-05	2.22E-05	1.47E-08	4.43E-08	2.57E-08	2.97E-08	2.69E-08	1.23E-08	5.57E-09	4.90E-10	1.18E-08	2.61E-09	4.03E-09	6.39E-09	1.13E-09	2.92E-09	2.94E-08
5282	482363.09	3865877.25	4.27E-05	4.94E-05	2.24E-05	1.48E-08	4.47E-08	2.59E-08	2.99E-08	2.71E-08	1.24E-08	5.62E-09	4.94E-10	1.19E-08	2.63E-09	4.06E-09	6.44E-09	1.14E-09	2.95E-09	2.96E-08
5283	482863.09	3865877.25	4.24E-05	4.90E-05	2.23E-05	1.47E-08	4.44E-08	2.57E-08	2.97E-08	2.69E-08	1.23E-08	5.58E-09	4.90E-10	1.18E-08	2.61E-09	4.03E-09	6.39E-09	1.13E-09	2.93E-09	2.94E-08
5284	483363.09	3865877.25	4.24E-05	4.90E-05	2.23E-05	1.47E-08	4.43E-08	2.57E-08	2.97E-08	2.69E-08	1.23E-08	5.59E-09	4.90E-10	1.18E-08	2.61E-09	4.03E-09	6.39E-09	1.13E-09	2.93E-09	2.94E-08
5285	483863.09	3865877.25	4.33E-05	5.00E-05	2.28E-05	1.50E-08	4.53E-08	2.62E-08	3.03E-08	2.75E-08	1.25E-08	5.71E-09	5.01E-10	1.21E-08	2.67E-09	4.12E-09	6.53E-09	1.15E-09	3.00E-09	3.01E-08
5286	484363.09	3865877.25	4.38E-05	5.06E-05	2.30E-05	1.52E-08	4.58E-08	2.65E-08	3.07E-08	2.78E-08	1.27E-08	5.77E-09	5.07E-10	1.22E-08	2.70E-09	4.16E-09	6.61E-09	1.16E-09	3.03E-09	3.04E-08
5287	484863.09	3865877.25	4.27E-05	4.93E-05	2.24E-05	1.48E-08	4.46E-08	2.58E-08	2.99E-08	2.71E-08	1.24E-08	5.61E-09	4.94E-10	1.19E-08	2.63E-09	4.06E-09	6.44E-09	1.13E-09	2.94E-09	2.96E-08
5288	485363.09	3865877.25	4.09E-05	4.73E-05	2.15E-05	1.42E-08	4.28E-08	2.48E-08	2.87E-08	2.60E-08	1.19E-08	5.39E-09	4.74E-10	1.14E-08	2.52E-09	3.89E-09	6.17E-09	1.09E-09	2.83E-09	2.84E-08
5289	485863.09	3865877.25	3.95E-05	4.56E-05	2.07E-05	1.37E-08	4.13E-08	2.39E-08	2.77E-08	2.51E-08	1.14E-08	5.19E-09	4.57E-10	1.10E-08	2.43E-09	3.75E-09	5.96E-09	1.05E-09	2.73E-09	2.74E-08
5290	486363.09	3865877.25	3.80E-05	4.40E-05	2.00E-05	1.32E-08	3.98E-08	2.30E-08	2.66E-08	2.42E-08	1.10E-08	5.01E-09	4.40E-10	1.06E-08	2.35E-09	3.62E-09	5.74E-09	1.01E-09	2.63E-09	2.64E-08
5291	486863.09	3865877.25	3.70E-05	4.28E-05	1.95E-05	1.28E-08	3.87E-08	2.24E-08	2.59E-08	2.35E-08	1.07E-08	4.88E-09	4.28E-10	1.03E-08	2.28E-09	3.52E-09	5.58E-09	9.83E-10	2.56E-09	2.57E-08
5292	487363.09	3865877.25	3.74E-05	4.33E-05	1.97E-05	1.30E-08	3.92E-08	2.27E-08	2.62E-08	2.38E-08	1.08E-08	4.94E-09	4.33E-10	1.05E-08	2.31E-09	3.56E-09	5.64E-09	9.95E-10	2.59E-09	2.60E-08

5293	487863.09	3865877.25	3.96E-05	4.57E-05	2.08E-05	1.37E-08	4.14E-08	2.40E-08	2.77E-08	2.51E-08	1.15E-08	5.22E-09	4.58E-10	1.11E-08	2.44E-09	3.76E-09	5.97E-09	1.05E-09	2.74E-09	2.75E-08
5294	488363.09	3865877.25	4.13E-05	4.77E-05	2.17E-05	1.43E-08	4.32E-08	2.50E-08	2.89E-08	2.62E-08	1.20E-08	5.44E-09	4.78E-10	1.15E-08	2.55E-09	3.92E-09	6.23E-09	1.10E-09	2.86E-09	2.87E-08
5295	488863.09	3865877.25	4.20E-05	4.86E-05	2.21E-05	1.46E-08	4.40E-08	2.55E-08	2.94E-08	2.67E-08	1.22E-08	5.53E-09	4.86E-10	1.17E-08	2.59E-09	4.00E-09	6.34E-09	1.12E-09	2.90E-09	2.92E-08
5296	489363.09	3865877.25	4.15E-05	4.80E-05	2.17E-05	1.44E-08	4.34E-08	2.51E-08	2.91E-08	2.63E-08	1.20E-08	5.45E-09	4.80E-10	1.16E-08	2.56E-09	3.94E-09	6.26E-09	1.10E-09	2.86E-09	2.88E-08
5297	489863.09	3865877.25	4.00E-05	4.63E-05	2.10E-05	1.39E-08	4.19E-08	2.43E-08	2.81E-08	2.54E-08	1.16E-08	5.27E-09	4.63E-10	1.12E-08	2.47E-09	3.81E-09	6.04E-09	1.07E-09	2.76E-09	2.78E-08
5298	490363.09	3865877.25	3.98E-05	4.60E-05	2.09E-05	1.38E-08	4.16E-08	2.41E-08	2.79E-08	2.52E-08	1.15E-08	5.23E-09	4.60E-10	1.11E-08	2.45E-09	3.78E-09	6.00E-09	1.06E-09	2.74E-09	2.76E-08
5299	490863.09	3865877.25	4.09E-05	4.73E-05	2.14E-05	1.42E-08	4.28E-08	2.48E-08	2.86E-08	2.60E-08	1.18E-08	5.37E-09	4.73E-10	1.14E-08	2.52E-09	3.89E-09	6.17E-09	1.09E-09	2.82E-09	2.84E-08
5300	491363.09	3865877.25	4.33E-05	5.01E-05	2.27E-05	1.50E-08	4.53E-08	2.62E-08	3.04E-08	2.75E-08	1.26E-08	5.69E-09	5.01E-10	1.21E-08	2.67E-09	4.12E-09	6.54E-09	1.15E-09	2.98E-09	3.01E-08
5301	491863.09	3865877.25	4.52E-05	5.23E-05	2.37E-05	1.57E-08	4.73E-08	2.74E-08	3.17E-08	2.87E-08	1.31E-08	5.94E-09	5.23E-10	1.26E-08	2.79E-09	4.30E-09	6.82E-09	1.20E-09	3.12E-09	3.14E-08
5302	492363.09	3865877.25	4.29E-05	4.97E-05	2.25E-05	1.49E-08	4.49E-08	2.60E-08	3.01E-08	2.73E-08	1.24E-08	5.65E-09	4.97E-10	1.20E-08	2.65E-09	4.08E-09	6.48E-09	1.14E-09	2.96E-09	2.98E-08
5303	492863.09	3865877.25	3.62E-05	4.19E-05	1.91E-05	1.26E-08	3.79E-08	2.19E-08	2.54E-08	2.30E-08	1.05E-08	4.78E-09	4.19E-10	1.01E-08	2.23E-09	3.44E-09	5.46E-09	9.63E-10	2.51E-09	2.52E-08
5304	493363.09	3865877.25	3.88E-05	4.49E-05	2.05E-05	1.35E-08	4.06E-08	2.35E-08	2.72E-08	2.46E-08	1.12E-08	5.13E-09	4.49E-10	1.09E-08	2.40E-09	3.69E-09	5.86E-09	1.03E-09	2.69E-09	2.70E-08
5305	493863.09	3865877.25	4.42E-05	5.11E-05	2.33E-05	1.53E-08	4.62E-08	2.68E-08	3.09E-08	2.80E-08	1.28E-08	5.83E-09	5.11E-10	1.24E-08	2.73E-09	4.20E-09	6.66E-09	1.17E-09	3.06E-09	3.07E-08
5306	494363.09	3865877.25	4.45E-05	5.15E-05	2.35E-05	1.54E-08	4.66E-08	2.70E-08	3.12E-08	2.83E-08	1.29E-08	5.88E-09	5.15E-10	1.24E-08	2.75E-09	4.23E-09	6.71E-09	1.18E-09	3.09E-09	3.09E-08
5307	494863.09	3865877.25	4.42E-05	5.11E-05	2.33E-05	1.53E-08	4.63E-08	2.68E-08	3.10E-08	2.81E-08	1.28E-08	5.83E-09	5.12E-10	1.24E-08	2.73E-09	4.21E-09	6.67E-09	1.18E-09	3.06E-09	3.07E-08
5308	495363.09	3865877.25	4.55E-05	5.26E-05	2.39E-05	1.58E-08	4.76E-08	2.75E-08	3.18E-08	2.89E-08	1.32E-08	5.99E-09	5.26E-10	1.27E-08	2.80E-09	4.32E-09	6.86E-09	1.21E-09	3.14E-09	3.16E-08
5309	495863.09	3865877.25	4.77E-05	5.52E-05	2.51E-05	1.65E-08	4.99E-08	2.89E-08	3.34E-08	3.03E-08	1.38E-08	6.28E-09	5.52E-10	1.33E-08	2.94E-09	4.54E-09	7.20E-09	1.27E-09	3.30E-09	3.31E-08
5310	496363.09	3865877.25	4.93E-05	5.70E-05	2.59E-05	1.71E-08	5.16E-08	2.99E-08	3.45E-08	3.13E-08	1.43E-08	6.49E-09	5.70E-10	1.38E-08	3.04E-09	4.69E-09	7.44E-09	1.31E-09	3.40E-09	3.42E-08
5311	496863.09	3865877.25	4.85E-05	5.61E-05	2.55E-05	1.68E-08	5.08E-08	2.94E-08	3.40E-08	3.08E-08	1.41E-08	6.39E-09	5.61E-10	1.36E-08	2.99E-09	4.61E-09	7.32E-09	1.29E-09	3.35E-09	3.37E-08
5312	497363.09	3865877.25	4.62E-05	5.34E-05	2.43E-05	1.60E-08	4.83E-08	2.80E-08	3.23E-08	2.93E-08	1.34E-08	6.08E-09	5.34E-10	1.29E-08	2.85E-09	4.39E-09	6.96E-09	1.23E-09	3.19E-09	3.21E-08
5313	497863.09	3865877.25	4.40E-05	5.08E-05	2.31E-05	1.52E-08	4.60E-08	2.66E-08	3.08E-08	2.79E-08	1.27E-08	5.79E-09	5.09E-10	1.23E-08	2.71E-09	4.18E-09	6.63E-09	1.17E-09	3.04E-09	3.05E-08
5314	498363.09	3865877.25	4.18E-05	4.83E-05	2.20E-05	1.45E-08	4.38E-08	2.53E-08	2.93E-08	2.65E-08	1.21E-08	5.51E-09	4.84E-10	1.17E-08	2.58E-09	3.98E-09	6.31E-09	1.11E-09	2.89E-09	2.90E-08
5315	471363.09	3866377.25	2.25E-05	2.60E-05	1.19E-05	7.79E-09	2.35E-08	1.36E-08	1.57E-08	1.43E-08	6.50E-09	2.99E-09	2.60E-10	6.28E-09	1.39E-09	2.13E-09	3.39E-09	5.97E-10	1.57E-09	1.56E-08
5316	471863.09	3866377.25	2.32E-05	2.68E-05	1.23E-05	8.05E-09	2.43E-08	1.41E-08	1.62E-08	1.47E-08	6.72E-09	3.09E-09	2.69E-10	6.49E-09	1.43E-09	2.21E-09	3.50E-09	6.17E-10	1.62E-09	1.61E-08
5317	472363.09	3866377.25	2.39E-05	2.76E-05	1.27E-05	8.28E-09	2.50E-08	1.45E-08	1.67E-08	1.52E-08	6.91E-09	3.18E-09	2.77E-10	6.68E-09	1.47E-09	2.27E-09	3.60E-09	6.34E-10	1.67E-09	1.66E-08
5318	472863.09	3866377.25	2.44E-05	2.81E-05	1.29E-05	8.44E-09	2.55E-08	1.48E-08	1.70E-08	1.55E-08	7.05E-09	3.24E-09	2.82E-10	6.81E-09	1.50E-09	2.31E-09	3.67E-09	6.47E-10	1.70E-09	1.69E-08
5319	473363.09	3866377.25	2.49E-05	2.88E-05	1.32E-05	8.64E-09	2.61E-08	1.51E-08	1.74E-08	1.58E-08	7.21E-09	3.31E-09	2.88E-10	6.97E-09	1.54E-09	2.37E-09	3.75E-09	6.62E-10	1.74E-09	1.73E-08
5320	473863.09	3866377.25	2.54E-05	2.93E-05	1.35E-05	8.80E-09	2.66E-08	1.54E-08	1.78E-08	1.61E-08	7.35E-09	3.37E-09	2.94E-10	7.10E-09	1.57E-09	2.41E-09	3.83E-09	6.75E-10	1.77E-09	1.76E-08
5321	474363.09	3866377.25	2.60E-05	3.01E-05	1.38E-05	9.02E-09	2.72E-08	1.58E-08	1.82E-08	1.65E-08	7.53E-09	3.45E-09	3.01E-10	7.28E-09	1.61E-09	2.47E-09	3.92E-09	6.91E-10	1.81E-09	1.81E-08
5322	474863.09	3866377.25	2.69E-05	3.11E-05	1.42E-05	9.33E-09	2.82E-08	1.63E-08	1.88E-08	1.71E-08	7.79E-09	3.57E-09	3.11E-10	7.52E-09	1.66E-09	2.56E-09	4.06E-09	7.15E-10	1.87E-09	1.87E-08
5323	475363.09	3866377.25	2.79E-05	3.22E-05	1.48E-05	9.67E-09	2.92E-08	1.69E-08	1.95E-08	1.77E-08	8.08E-09	3.70E-09	3.23E-10	7.80E-09	1.72E-09	2.65E-09	4.21E-09	7.41E-10	1.94E-09	1.94E-08
5324	475863.09	3866377.25	2.90E-05	3.35E-05	1.53E-05	1.00E-08	3.03E-08	1.76E-08	2.03E-08	1.84E-08	8.39E-09	3.84E-09	3.35E-10	8.10E-09	1.79E-09	2.75E-09	4.37E-09	7.70E-10	2.02E-09	2.01E-08
5325	476363.09	3866377.25	3.06E-05	3.54E-05	1.62E-05	1.06E-08	3.21E-08	1.86E-08	2.14E-08	1.94E-08	8.87E-09	4.06E-09	3.55E-10	8.56E-09	1.89E-09	2.91E-09	4.62E-09	8.14E-10	2.13E-09	2.13E-08
5326	476863.09	3866377.25	3.16E-05	3.65E-05	1.67E-05	1.10E-08	3.31E-08	1.92E-08	2.21E-08	2.01E-08	9.15E-09	4.19E-09	3.66E-10	8.84E-09	1.95E-09	3.00E-09	4.77E-09	8.40E-10	2.20E-09	2.20E-08
5327	477363.09	3866377.25	3.32E-05	3.83E-05	1.75E-05	1.15E-08	3.47E-08	2.01E-08	2.32E-08	2.10E-08	9.60E-09	4.39E-09	3.84E-10	9.27E-09	2.05E-09	3.15E-09	5.00E-09	8.81E-10	2.30E-09	2.30E-08
5328	477863.09	3866377.25	3.42E-05	3.95E-05	1.81E-05	1.19E-08	3.58E-08	2.07E-08	2.39E-08	2.17E-08	9.90E-09	4.53E-09	3.96E-10	9.56E-09	2.11E-09	3.25E-09	5.16E-09	9.09E-10	2.38E-09	2.38E-08
5329	478363.09	3866377.25	3.54E-05	4.09E-05	1.87E-05	1.23E-08	3.70E-08	2.14E-08	2.48E-08	2.25E-08	1.02E-08	4.68E-09	4.10E-10	9.89E-09	2.18E-09	3.36E-09	5.34E-09	9.40E-10	2.45E-09	2.46E-08
5330	478863.09	3866377.25	3.67E-05	4.24E-05	1.93E-05	1.27E-08	3.84E-08	2.22E-08	2.57E-08	2.33E-08	1.06E-08	4.84E-09	4.25E-10	1.03E-08	2.26E-09	3.49E-09	5.54E-09	9.76E-10	2.54E-09	2.55E-08
5331	479363.09	3866377.25	3.79E-05	4.38E-05	1.99E-05	1.31E-08	3.96E-08	2.29E-08	2.65E-08	2.40E-08	1.10E-08	4.99E-09	4.38E-10	1.06E-08	2.34E-09	3.60E-09	5.71E-09	1.01E-09	2.62E-09	2.63E-08
5332	479863.09	3866377.25	3.86E-05	4.47E-05	2.03E-05	1.34E-08	4.04E-08	2.34E-08	2.71E-08	2.45E-08	1.12E-08	5.09E-09	4.47E-10	1.08E-08	2.38E-09	3.67E-09	5.83E-09	1.03E-09	2.67E-09	2.68E-08
5333	480363.09	3866377.25	3.89E-05	4.50E-05	2.04E-05	1.35E-08	4.07E-08	2.36E-08	2.73E-08	2.47E-08	1.13E-08	5.12E-09	4.50E-10	1.09E-08	2.40E-09	3.70E-09	5.87E-09	1.03E-09	2.69E-09	2.70E-08
5334	480863.09	3866377.25	3.88E-05	4.49E-05	2.04E-05	1.35E-08	4.06E-08	2.35E-08	2.72E-08	2.46E-08	1.12E-08	5.11E-09	4.49E-10	1.09E-08	2.39E-09	3.69E-09	5.86E-09	1.03E-09	2.68E-09	2.70E-08
5335	481363.09	3866377.25	3.88E-05	4.49E-05	2.04E-05	1.35E-08	4.06E-08	2.35E-08	2.72E-08	2.47E-08	1.13E-08	5.11E-09	4.49E-10	1.09E-08	2.40E-09	3.69E-09	5.86E-09	1.03E-09	2.68E-09	2.70E-08
5336	481863.09	3866377.25	3.90E-05	4.51E-05	2.05E-05	1.35E-08	4.08E-08	2.36E-08	2.73E-08	2.48E-08	1.13E-08	5.13E-09	4.52E-10	1.09E-08	2.41E-09	3.71E-09	5.89E-09	1.04E-09	2.69E-09	2.71E-08
5337	482363.09	3866377.25	3.91E-05	4.52E-05	2.06E-05	1.36E-08	4.09E-08	2.37E-08	2.74E-08	2.48E-08	1.13E-08	5.15E-09	4.53E-10	1.09E-08	2.41E-09	3.72E-09	5.90E-09	1.04E-09	2.70E-09	2.72E-08
5338	482863.09	3866377.25	3.90E-05	4.50E-05	2.05E-05	1.35E-08	4.08E-08	2.36E-08	2.73E-08	2.47E-08	1.13E-08	5.14E-09	4.51E-10	1.09E-08	2.40E-09	3.70E-09	5.88E-09	1.04E-09	2.70E-09	2.71E-08
5339	483363.09	3866377.25	3.93E-05	4.54E-05	2.07E-05	1.36E-08	4.11E-08	2.38E-08	2.75E-08	2.49E-08	1.14E-08	5.18E-09	4.54E-10	1.10E-08	2.42E-09	3.73E-09	5.92E-09	1.04E-09	2.72E-09	2.73E-08
5340	483863.09	3866377.25	4.02E-05	4.64E-05	2.11E-05	1.39E-08	4.20E-08	2.43E-08	2.81E-08	2.55E-08	1.16E-08	5.30E-09	4.65E-10	1.12E-08	2.48E-09	3.82E-09	6.06E-09	1.07E-09	2.78E-09	2.79E-08
5341	484363.09	3866377.25	4.02E-05	4.64E-05	2.11E-05	1.39E-08	4.20E-08	2.43E-08	2.81E-08	2.55E-08	1.16E-08	5.29E-09	4.65E-10	1.12E-08	2.48E-09	3.82E-09	6.06E-09	1.07E-09	2.77E-09	2.79E-08
5342	484863.09	3866377.25	3.93E-05	4.54E-05	2.06E-05	1.36E-08	4.11E-08	2.38E-08	2.75E-08	2.49E-08	1.14E-08	5.16E-09	4.54E-10	1.10E-08	2.42E-09	3.73E-09	5.92E-09	1.04E-09	2.71E-09	2.73E-08
5343	485363.09	3866377.25	3.77E-05	4.36E-05	1.98E-05	1.31E-08	3.95E-08	2.28E-08	2.64E-08	2.39E-08	1.09E-08	4.96E-09	4.36E-10	1.05E-08	2.33E-09	3.59E-09	5.69E-09	1.00E-09	2.60E-09	2.62E-08
5344	485863.09	3866377.25	3.63E-05	4.20E-05	1.91E-05	1.26E-08	3.80E-08	2.20E-08	2.54E-08	2.31E-08	1.05E-08	4.78E-09	4.20E-10	1.02E-08	2.24E-09	3.45E-09	5.48E-09	9.66E-10	2.51E-09	2.52E-08
5345	486363.09	3866377.25	3.50E-05	4.04E-05	1.84E-05	1.21E-08	3.66E-08	2.12E-08	2.45E-08	2.22E-08	1.01E-08	4.61E-09	4.05E-10	9.77E-09	2.16E-09	3.33E-09	5.28E-09	9.30E-10	2.42E-09	2.43E-08

5346	486863.09	3866377.25	3.40E-05	3.93E-05	1.79E-05	1.18E-08	3.56E-08	2.06E-08	2.38E-08	2.16E-08	9.86E-09	4.49E-09	3.94E-10	9.51E-09	2.10E-09	3.24E-09	5.13E-09	9.05E-10	2.36E-09	2.36E-08
5347	487363.09	3866377.25	3.50E-05	4.04E-05	1.85E-05	1.21E-08	3.66E-08	2.12E-08	2.45E-08	2.22E-08	1.01E-08	4.62E-09	4.05E-10	9.78E-09	2.16E-09	3.33E-09	5.28E-09	9.30E-10	2.43E-09	2.43E-08
5348	487863.09	3866377.25	3.73E-05	4.31E-05	1.96E-05	1.29E-08	3.90E-08	2.26E-08	2.61E-08	2.36E-08	1.08E-08	4.92E-09	4.31E-10	1.04E-08	2.30E-09	3.54E-09	5.62E-09	9.90E-10	2.58E-09	2.59E-08
5349	488363.09	3866377.25	3.90E-05	4.50E-05	2.05E-05	1.35E-08	4.08E-08	2.36E-08	2.73E-08	2.47E-08	1.13E-08	5.14E-09	4.51E-10	1.09E-08	2.40E-09	3.70E-09	5.88E-09	1.04E-09	2.70E-09	2.71E-08
5350	488863.09	3866377.25	4.02E-05	4.64E-05	2.11E-05	1.39E-08	4.20E-08	2.43E-08	2.81E-08	2.55E-08	1.16E-08	5.28E-09	4.65E-10	1.12E-08	2.48E-09	3.82E-09	6.06E-09	1.07E-09	2.77E-09	2.79E-08
5351	489363.09	3866377.25	3.98E-05	4.61E-05	2.09E-05	1.38E-08	4.17E-08	2.41E-08	2.79E-08	2.53E-08	1.15E-08	5.23E-09	4.61E-10	1.11E-08	2.46E-09	3.79E-09	6.01E-09	1.06E-09	2.75E-09	2.77E-08
5352	489863.09	3866377.25	3.85E-05	4.46E-05	2.02E-05	1.34E-08	4.03E-08	2.33E-08	2.70E-08	2.45E-08	1.12E-08	5.07E-09	4.46E-10	1.08E-08	2.38E-09	3.67E-09	5.82E-09	1.02E-09	2.66E-09	2.68E-08
5353	490363.09	3866377.25	3.68E-05	4.26E-05	1.94E-05	1.28E-08	3.86E-08	2.23E-08	2.58E-08	2.34E-08	1.07E-08	4.85E-09	4.26E-10	1.03E-08	2.27E-09	3.50E-09	5.56E-09	9.80E-10	2.55E-09	2.56E-08
5354	490863.09	3866377.25	3.65E-05	4.22E-05	1.92E-05	1.27E-08	3.82E-08	2.21E-08	2.56E-08	2.32E-08	1.06E-08	4.80E-09	4.22E-10	1.02E-08	2.25E-09	3.47E-09	5.51E-09	9.71E-10	2.52E-09	2.53E-08
5355	491363.09	3866377.25	3.83E-05	4.43E-05	2.01E-05	1.33E-08	4.01E-08	2.32E-08	2.69E-08	2.43E-08	1.11E-08	5.03E-09	4.43E-10	1.07E-08	2.36E-09	3.65E-09	5.78E-09	1.02E-09	2.64E-09	2.66E-08
5356	491863.09	3866377.25	4.11E-05	4.76E-05	2.16E-05	1.43E-08	4.30E-08	2.49E-08	2.88E-08	2.61E-08	1.19E-08	5.40E-09	4.76E-10	1.15E-08	2.54E-09	3.91E-09	6.21E-09	1.09E-09	2.84E-09	2.86E-08
5357	492363.09	3866377.25	4.13E-05	4.78E-05	2.17E-05	1.43E-08	4.32E-08	2.50E-08	2.90E-08	2.62E-08	1.20E-08	5.43E-09	4.78E-10	1.16E-08	2.55E-09	3.93E-09	6.24E-09	1.10E-09	2.85E-09	2.87E-08
5358	492863.09	3866377.25	3.70E-05	4.28E-05	1.95E-05	1.28E-08	3.87E-08	2.24E-08	2.59E-08	2.35E-08	1.07E-08	4.88E-09	4.28E-10	1.03E-08	2.28E-09	3.52E-09	5.58E-09	9.84E-10	2.56E-09	2.57E-08
5359	493363.09	3866377.25	3.76E-05	4.35E-05	1.98E-05	1.30E-08	3.94E-08	2.28E-08	2.63E-08	2.39E-08	1.09E-08	4.97E-09	4.35E-10	1.05E-08	2.32E-09	3.58E-09	5.67E-09	1.00E-09	2.61E-09	2.61E-08
5360	493863.09	3866377.25	4.12E-05	4.76E-05	2.17E-05	1.43E-08	4.31E-08	2.49E-08	2.88E-08	2.61E-08	1.19E-08	5.43E-09	4.76E-10	1.15E-08	2.54E-09	3.91E-09	6.21E-09	1.09E-09	2.85E-09	2.86E-08
5361	494363.09	3866377.25	4.26E-05	4.93E-05	2.24E-05	1.48E-08	4.46E-08	2.58E-08	2.98E-08	2.71E-08	1.23E-08	5.62E-09	4.93E-10	1.19E-08	2.63E-09	4.05E-09	6.43E-09	1.13E-09	2.95E-09	2.96E-08
5362	494863.09	3866377.25	4.11E-05	4.75E-05	2.16E-05	1.42E-08	4.30E-08	2.49E-08	2.88E-08	2.61E-08	1.19E-08	5.42E-09	4.75E-10	1.15E-08	2.53E-09	3.90E-09	6.19E-09	1.09E-09	2.84E-09	2.85E-08
5363	495363.09	3866377.25	3.86E-05	4.46E-05	2.03E-05	1.34E-08	4.04E-08	2.34E-08	2.70E-08	2.45E-08	1.12E-08	5.09E-09	4.46E-10	1.08E-08	2.38E-09	3.67E-09	5.82E-09	1.02E-09	2.67E-09	2.68E-08
5364	495863.09	3866377.25	4.06E-05	4.69E-05	2.14E-05	1.41E-08	4.25E-08	2.46E-08	2.84E-08	2.58E-08	1.18E-08	5.35E-09	4.70E-10	1.13E-08	2.50E-09	3.86E-09	6.12E-09	1.08E-09	2.81E-09	2.82E-08
5365	496363.09	3866377.25	4.47E-05	5.17E-05	2.35E-05	1.55E-08	4.67E-08	2.71E-08	3.13E-08	2.84E-08	1.29E-08	5.88E-09	5.17E-10	1.25E-08	2.76E-09	4.25E-09	6.74E-09	1.19E-09	3.09E-09	3.10E-08
5366	496863.09	3866377.25	4.52E-05	5.23E-05	2.38E-05	1.57E-08	4.73E-08	2.74E-08	3.17E-08	2.87E-08	1.31E-08	5.96E-09	5.24E-10	1.26E-08	2.79E-09	4.30E-09	6.83E-09	1.20E-09	3.13E-09	3.14E-08
5367	497363.09	3866377.25	4.46E-05	5.15E-05	2.34E-05	1.54E-08	4.66E-08	2.70E-08	3.12E-08	2.83E-08	1.29E-08	5.87E-09	5.16E-10	1.25E-08	2.75E-09	4.24E-09	6.72E-09	1.18E-09	3.08E-09	3.09E-08
5368	497863.09	3866377.25	4.28E-05	4.95E-05	2.25E-05	1.48E-08	4.48E-08	2.60E-08	3.00E-08	2.72E-08	1.24E-08	5.65E-09	4.96E-10	1.20E-08	2.64E-09	4.07E-09	6.46E-09	1.14E-09	2.96E-09	2.98E-08
5369	498363.09	3866377.25	3.88E-05	4.49E-05	2.04E-05	1.35E-08	4.06E-08	2.35E-08	2.72E-08	2.47E-08	1.12E-08	5.12E-09	4.49E-10	1.09E-08	2.40E-09	3.69E-09	5.86E-09	1.03E-09	2.69E-09	2.70E-08
5370	474494.92	3848334.16	2.64E-05	3.05E-05	1.39E-05	9.14E-09	2.76E-08	1.60E-08	1.85E-08	1.67E-08	7.64E-09	3.47E-09	3.05E-10	7.37E-09	1.63E-09	2.51E-09	3.98E-09	7.01E-10	1.82E-09	1.83E-08
5371	475167.27	3848920.79	3.00E-05	3.47E-05	1.58E-05	1.04E-08	3.14E-08	1.82E-08	2.10E-08	1.90E-08	8.69E-09	3.95E-09	3.47E-10	8.38E-09	1.85E-09	2.85E-09	4.53E-09	7.98E-10	2.07E-09	2.08E-08
5372	475297.89	3848997.96	3.05E-05	3.53E-05	1.60E-05	1.06E-08	3.20E-08	1.85E-08	2.14E-08	1.94E-08	8.85E-09	4.02E-09	3.54E-10	8.54E-09	1.88E-09	2.91E-09	4.61E-09	8.12E-10	2.11E-09	2.12E-08
5373	475439.05	3849062	3.05E-05	3.53E-05	1.60E-05	1.06E-08	3.20E-08	1.85E-08	2.14E-08	1.94E-08	8.85E-09	4.02E-09	3.54E-10	8.54E-09	1.88E-09	2.91E-09	4.61E-09	8.12E-10	2.11E-09	2.12E-08
5374	475486.86	3849061.09	3.04E-05	3.52E-05	1.60E-05	1.05E-08	3.18E-08	1.84E-08	2.13E-08	1.93E-08	8.81E-09	4.00E-09	3.52E-10	8.50E-09	1.88E-09	2.89E-09	4.59E-09	8.08E-10	2.10E-09	2.11E-08
5375	475538.46	3849075.56	3.06E-05	3.54E-05	1.61E-05	1.06E-08	3.20E-08	1.85E-08	2.14E-08	1.94E-08	8.86E-09	4.03E-09	3.54E-10	8.55E-09	1.89E-09	2.91E-09	4.61E-09	8.13E-10	2.11E-09	2.12E-08
5376	475751.79	3849137.15	3.16E-05	3.65E-05	1.66E-05	1.09E-08	3.30E-08	1.91E-08	2.21E-08	2.01E-08	9.15E-09	4.16E-09	3.65E-10	8.83E-09	1.95E-09	3.00E-09	4.77E-09	8.40E-10	2.18E-09	2.19E-08
5377	476303.62	3849223.38	3.26E-05	3.77E-05	1.71E-05	1.13E-08	3.41E-08	1.98E-08	2.29E-08	2.07E-08	9.45E-09	4.29E-09	3.77E-10	9.12E-09	2.01E-09	3.10E-09	4.92E-09	8.67E-10	2.25E-09	2.27E-08
5378	476304.51	3849238.92	3.28E-05	3.79E-05	1.72E-05	1.14E-08	3.43E-08	1.98E-08	2.30E-08	2.08E-08	9.49E-09	4.31E-09	3.79E-10	9.16E-09	2.02E-09	3.12E-09	4.94E-09	8.71E-10	2.26E-09	2.28E-08
5379	476365.04	3849247.98	3.28E-05	3.80E-05	1.72E-05	1.14E-08	3.44E-08	1.99E-08	2.30E-08	2.09E-08	9.52E-09	4.32E-09	3.80E-10	9.18E-09	2.03E-09	3.12E-09	4.96E-09	8.73E-10	2.27E-09	2.28E-08
5380	476444.86	3849267.13	3.29E-05	3.81E-05	1.73E-05	1.14E-08	3.44E-08	1.99E-08	2.31E-08	2.09E-08	9.54E-09	4.33E-09	3.81E-10	9.20E-09	2.03E-09	3.13E-09	4.97E-09	8.75E-10	2.27E-09	2.29E-08
5381	476550.75	3849300.66	3.32E-05	3.85E-05	1.75E-05	1.15E-08	3.48E-08	2.01E-08	2.33E-08	2.11E-08	9.63E-09	4.37E-09	3.85E-10	9.29E-09	2.05E-09	3.16E-09	5.02E-09	8.84E-10	2.29E-09	2.31E-08
5382	476656.71	3849346.88	3.36E-05	3.89E-05	1.76E-05	1.16E-08	3.52E-08	2.04E-08	2.36E-08	2.13E-08	9.74E-09	4.42E-09	3.89E-10	9.40E-09	2.07E-09	3.20E-09	5.07E-09	8.94E-10	2.32E-09	2.33E-08
5383	476873.55	3849454.53	3.45E-05	3.99E-05	1.81E-05	1.20E-08	3.61E-08	2.09E-08	2.42E-08	2.19E-08	1.00E-08	4.54E-09	3.99E-10	9.64E-09	2.13E-09	3.28E-09	5.21E-09	9.18E-10	2.38E-09	2.40E-08
5384	477700	3849859.7	3.77E-05	4.36E-05	1.98E-05	1.31E-08	3.95E-08	2.29E-08	2.64E-08	2.40E-08	1.09E-08	4.96E-09	4.37E-10	1.05E-08	2.33E-09	3.59E-09	5.69E-09	1.00E-09	2.60E-09	2.62E-08
5385	477743.16	3849856.38	3.74E-05	4.33E-05	1.96E-05	1.30E-08	3.92E-08	2.27E-08	2.62E-08	2.38E-08	1.08E-08	4.92E-09	4.33E-10	1.05E-08	2.31E-09	3.56E-09	5.65E-09	9.95E-10	2.58E-09	2.60E-08
5386	478477.35	3850216.33	3.97E-05	4.60E-05	2.08E-05	1.38E-08	4.16E-08	2.41E-08	2.78E-08	2.52E-08	1.15E-08	5.22E-09	4.60E-10	1.11E-08	2.45E-09	3.78E-09	6.00E-09	1.06E-09	2.74E-09	2.76E-08
5387	478485.8	3850201.6	3.95E-05	4.57E-05	2.07E-05	1.37E-08	4.13E-08	2.39E-08	2.77E-08	2.51E-08	1.14E-08	5.19E-09	4.57E-10	1.10E-08	2.43E-09	3.76E-09	5.96E-09	1.05E-09	2.72E-09	2.74E-08
5388	479113.21	3850501.53	4.51E-05	5.22E-05	2.37E-05	1.56E-08	4.72E-08	2.73E-08	3.16E-08	2.87E-08	1.31E-08	5.93E-09	5.22E-10	1.26E-08	2.78E-09	4.29E-09	6.81E-09	1.20E-09	3.11E-09	3.13E-08
5389	479108.11	3850382.28	4.49E-05	5.19E-05	2.35E-05	1.55E-08	4.69E-08	2.72E-08	3.14E-08	2.85E-08	1.30E-08	5.89E-09	5.19E-10	1.25E-08	2.77E-09	4.27E-09	6.77E-09	1.19E-09	3.09E-09	3.11E-08
5390	479689.85	3850674.28	5.29E-05	6.12E-05	2.77E-05	1.83E-08	5.54E-08	3.21E-08	3.71E-08	3.36E-08	1.53E-08	6.95E-09	6.13E-10	1.48E-08	3.27E-09	5.04E-09	7.99E-09	1.41E-09	3.65E-09	3.68E-08
5391	479952.42	3850774.28	6.04E-05	6.99E-05	3.16E-05	2.09E-08	6.32E-08	3.66E-08	4.24E-08	3.84E-08	1.75E-08	7.92E-09	6.99E-10	1.69E-08	3.73E-09	5.75E-09	9.12E-09	1.61E-09	4.16E-09	4.20E-08
5392	479911.32	3850884.85	5.76E-05	6.67E-05	3.02E-05	2.00E-08	6.03E-08	3.49E-08	4.04E-08	3.66E-08	1.67E-08	7.56E-09	6.67E-10	1.61E-08	3.55E-09	5.48E-09	8.70E-09	1.53E-09	3.97E-09	4.00E-08
5393	480500.92	3851178.12	7.45E-05	8.62E-05	3.89E-05	2.58E-08	7.79E-08	4.51E-08	5.22E-08	4.73E-08	2.16E-08	9.76E-09	8.62E-10	2.08E-08	4.59E-09	7.09E-09	1.12E-08	1.98E-09	5.12E-09	5.17E-08
5394	480738.01	3851289.27	8.29E-05	9.59E-05	4.33E-05	2.87E-08	8.67E-08	5.02E-08	5.81E-08	5.27E-08	2.40E-08	1.08E-08	9.59E-10	2.32E-08	5.11E-09	7.89E-09	1.25E-08	2.21E-09	5.69E-09	5.75E-08
5395	481055.42	3851443.58	9.42E-05	1.09E-04	4.92E-05	3.27E-08	9.86E-08	5.71E-08	6.61E-08	5.99E-08	2.73E-08	1.23E-08	1.09E-09	2.63E-08	5.81E-09	8.97E-09	1.42E-08	2.51E-09	6.47E-09	6.54E-08
5396	481110.22	3851443.15	9.61E-05	1.11E-04	5.02E-05	3.33E-08	1.01E-07	5.82E-08	6.74E-08	6.11E-08	2.79E-08	1.26E-08	1.11E-09	2.69E-08	5.93E-09	9.15E-09	1.45E-08	2.56E-09	6.60E-09	6.67E-08
5397	481111.1	3851417.45	9.61E-05	1.11E-04	5.02E-05	3.33E-08	1.01E-07	5.82E-08	6.74E-08	6.11E-08	2.79E-08	1.26E-08	1.11E-09	2.69E-08	5.93E-09	9.15E-09	1.45E-08	2.56E-09	6.60E-09	6.67E-08
5398	482248.44	3852605.09	1.50E-04	1.73E-04	7.81E-05	5.19E-08	1.57E-07	9.07E-08	1.05E-07	9.52E-08	4.34E-08	1.96E-08	1.73E-09	4.19E-08	9.24E-09	1.43E-08	2.26E-08	3.99E-09	1.03E-08	1.04E-07

5399	482273.34	3852632.31	1.52E-04	1.75E-04	7.91E-05	5.25E-08	1.59E-07	9.18E-08	1.06E-07	9.64E-08	4.40E-08	1.98E-08	1.75E-09	4.24E-08	9.35E-09	1.44E-08	2.29E-08	4.04E-09	1.04E-08	1.05E-07
5400	482665.46	3853038.72	1.85E-04	2.14E-04	9.66E-05	6.41E-08	1.94E-07	1.12E-07	1.30E-07	1.18E-07	5.37E-08	2.42E-08	2.14E-09	5.17E-08	1.14E-08	1.76E-08	2.80E-08	4.93E-09	1.27E-08	1.29E-07
5401	483077.95	3853844.31	2.41E-04	2.79E-04	1.26E-04	8.35E-08	2.52E-07	1.46E-07	1.69E-07	1.53E-07	6.99E-08	3.15E-08	2.79E-09	6.74E-08	1.49E-08	2.29E-08	3.64E-08	6.42E-09	1.65E-08	1.67E-07
5402	483121.38	3853909.38	2.53E-04	2.93E-04	1.32E-04	8.77E-08	2.65E-07	1.53E-07	1.77E-07	1.61E-07	7.34E-08	3.31E-08	2.93E-09	7.07E-08	1.56E-08	2.41E-08	3.82E-08	6.73E-09	1.74E-08	1.76E-07
5403	483492.64	3853911.49	3.41E-04	3.95E-04	1.78E-04	1.18E-07	3.57E-07	2.07E-07	2.39E-07	2.17E-07	9.90E-08	4.46E-08	3.95E-09	9.54E-08	2.10E-08	3.25E-08	5.15E-08	9.08E-09	2.34E-08	2.37E-07
5404	483498.29	3854204.73	3.60E-04	4.17E-04	1.88E-04	1.25E-07	3.77E-07	2.18E-07	2.52E-07	2.29E-07	1.04E-07	4.70E-08	4.17E-09	1.01E-07	2.22E-08	3.43E-08	5.44E-08	9.58E-09	2.47E-08	2.50E-07
5405	484132.44	3854662.55	5.66E-04	6.55E-04	2.96E-04	1.96E-07	5.92E-07	3.43E-07	3.97E-07	3.60E-07	1.64E-07	7.42E-08	6.55E-09	1.58E-07	3.49E-08	5.39E-08	8.54E-08	1.51E-08	3.89E-08	3.93E-07
5406	484627.62	3854876.13	1.04E-03	1.20E-03	5.42E-04	3.60E-07	1.09E-06	6.29E-07	7.29E-07	6.61E-07	3.01E-07	1.36E-07	1.20E-08	2.90E-07	6.41E-08	9.90E-08	1.57E-07	2.77E-08	7.12E-08	7.21E-07
5407	484756.14	3854949.04	1.38E-03	1.60E-03	7.20E-04	4.79E-07	1.45E-06	8.38E-07	9.70E-07	8.80E-07	4.01E-07	1.80E-07	1.60E-08	3.87E-07	8.53E-08	1.32E-07	2.09E-07	3.68E-08	9.47E-08	9.60E-07
5408	486697.51	3856599.17	1.82E-02	2.11E-02	9.45E-03	6.30E-06	1.90E-05	1.10E-05	1.28E-05	1.16E-05	5.28E-06	2.37E-06	2.10E-07	5.08E-06	1.12E-06	1.73E-06	2.75E-06	4.84E-07	1.24E-06	1.26E-05
5409	487105.31	3856962.27	1.94E-02	2.25E-02	1.01E-02	6.72E-06	2.03E-05	1.17E-05	1.36E-05	1.23E-05	5.63E-06	2.53E-06	2.24E-07	5.42E-06	1.20E-06	1.85E-06	2.93E-06	5.17E-07	1.33E-06	1.35E-05
5410	487157.57	3856901.7	1.48E-02	1.72E-02	7.70E-03	5.14E-06	1.55E-05	8.98E-06	1.04E-05	9.43E-06	4.30E-06	1.93E-06	1.72E-07	4.14E-06	9.14E-07	1.41E-06	2.24E-06	3.95E-07	1.01E-06	1.03E-05
5411	487173.5	3856853.74	1.32E-02	1.53E-02	6.86E-03	4.57E-06	1.38E-05	7.99E-06	9.26E-06	8.39E-06	3.83E-06	1.72E-06	1.53E-07	3.69E-06	8.14E-07	1.26E-06	1.99E-06	3.51E-07	9.02E-07	9.16E-06
5412	487564.41	3856860.83	7.67E-03	8.88E-03	3.99E-03	2.66E-06	8.03E-06	4.65E-06	5.38E-06	4.88E-06	2.23E-06	9.99E-07	8.88E-08	2.14E-06	4.73E-07	7.31E-07	1.16E-06	2.04E-07	5.24E-07	5.32E-06
5413	487563.31	3856931.58	7.71E-03	8.93E-03	4.01E-03	2.67E-06	8.07E-06	4.67E-06	5.41E-06	4.90E-06	2.24E-06	1.00E-06	8.92E-08	2.15E-06	4.75E-07	7.34E-07	1.16E-06	2.05E-07	5.27E-07	5.35E-06
5414	487782.7	3856926.85	5.93E-03	6.87E-03	3.08E-03	2.05E-06	6.20E-06	3.59E-06	4.16E-06	3.77E-06	1.72E-06	7.72E-07	6.86E-08	1.66E-06	3.66E-07	5.65E-07	8.96E-07	1.58E-07	4.05E-07	4.11E-06
5415	487782.39	3856757.07	5.95E-03	6.90E-03	3.10E-03	2.06E-06	6.23E-06	3.61E-06	4.18E-06	3.79E-06	1.73E-06	7.76E-07	6.89E-08	1.66E-06	3.67E-07	5.67E-07	9.00E-07	1.59E-07	4.07E-07	4.13E-06
5416	487917.26	3856752.41	5.29E-03	6.13E-03	2.75E-03	1.83E-06	5.54E-06	3.21E-06	3.71E-06	3.37E-06	1.54E-06	6.90E-07	6.12E-08	1.48E-06	3.26E-07	5.04E-07	8.00E-07	1.41E-07	3.62E-07	3.67E-06
5417	487919.57	3856953.35	5.07E-03	5.87E-03	2.64E-03	1.76E-06	5.31E-06	3.07E-06	3.56E-06	3.23E-06	1.47E-06	6.61E-07	5.87E-08	1.42E-06	3.13E-07	4.83E-07	7.66E-07	1.35E-07	3.47E-07	3.52E-06
5418	487932.76	3857000.32	4.84E-03	5.61E-03	2.52E-03	1.68E-06	5.06E-06	2.93E-06	3.40E-06	3.08E-06	1.40E-06	6.31E-07	5.60E-08	1.35E-06	2.99E-07	4.61E-07	7.31E-07	1.29E-07	3.31E-07	3.36E-06
5419	487960.5	3857044.75	4.52E-03	5.23E-03	2.35E-03	1.57E-06	4.73E-06	2.74E-06	3.17E-06	2.87E-06	1.31E-06	5.89E-07	5.23E-08	1.26E-06	2.79E-07	4.30E-07	6.83E-07	1.20E-07	3.09E-07	3.14E-06
5420	488016.54	3857089.54	4.09E-03	4.73E-03	2.13E-03	1.42E-06	4.28E-06	2.48E-06	2.87E-06	2.60E-06	1.19E-06	5.32E-07	4.73E-08	1.14E-06	2.52E-07	3.89E-07	6.17E-07	1.09E-07	2.79E-07	2.84E-06
5421	488114.39	3857165.47	3.43E-03	3.97E-03	1.78E-03	1.19E-06	3.59E-06	2.08E-06	2.40E-06	2.18E-06	9.95E-07	4.47E-07	3.97E-08	9.58E-07	2.11E-07	3.26E-07	5.18E-07	9.13E-08	2.34E-07	2.38E-06
5422	488171.49	3857234.24	2.99E-03	3.46E-03	1.55E-03	1.03E-06	3.12E-06	1.81E-06	2.09E-06	1.90E-06	8.66E-07	3.89E-07	3.46E-08	8.35E-07	1.84E-07	2.84E-07	4.51E-07	7.95E-08	2.04E-07	2.07E-06
5423	488193.16	3857297.8	2.67E-03	3.09E-03	1.39E-03	9.24E-07	2.79E-06	1.62E-06	1.87E-06	1.70E-06	7.74E-07	3.48E-07	3.09E-08	7.45E-07	1.65E-07	2.54E-07	4.03E-07	7.10E-08	1.83E-07	1.85E-06
5424	488189.27	3857649.94	1.45E-03	1.68E-03	7.59E-04	5.02E-07	1.52E-06	8.78E-07	1.02E-06	9.20E-07	4.20E-07	1.90E-07	1.68E-08	4.05E-07	8.94E-08	1.38E-07	2.19E-07	3.85E-08	9.98E-08	1.01E-06
5425	488127.43	3857732.32	1.26E-03	1.46E-03	6.65E-04	4.38E-07	1.32E-06	7.66E-07	8.85E-07	8.03E-07	3.66E-07	1.67E-07	1.46E-08	3.53E-07	7.80E-08	1.20E-07	1.91E-07	3.36E-08	8.74E-08	8.78E-07
5426	488149.93	3857752.94	1.22E-03	1.42E-03	6.45E-04	4.24E-07	1.28E-06	7.42E-07	8.57E-07	7.77E-07	3.55E-07	1.62E-07	1.42E-08	3.42E-07	7.55E-08	1.16E-07	1.85E-07	3.25E-08	8.48E-08	8.50E-07
5427	488144.76	3857758.71	1.21E-03	1.40E-03	6.39E-04	4.20E-07	1.27E-06	7.35E-07	8.50E-07	7.70E-07	3.51E-07	1.60E-07	1.40E-08	3.39E-07	7.48E-08	1.15E-07	1.83E-07	3.22E-08	8.41E-08	8.43E-07
5428	488335.58	3857932.55	1.26E-03	1.40E-03	8.23E-04	4.37E-07	1.32E-06	7.63E-07	8.50E-07	7.71E-07	3.52E-07	2.06E-07	1.46E-08	3.52E-07	7.77E-08	1.15E-07	1.83E-07	3.23E-08	1.08E-07	8.84E-07
5429	488372.29	3857943.79	1.24E-03	1.38E-03	8.09E-04	4.29E-07	1.30E-06	7.50E-07	8.36E-07	7.58E-07	3.46E-07	2.03E-07	1.43E-08	3.46E-07	7.64E-08	1.14E-07	1.80E-07	3.17E-08	1.06E-07	8.69E-07
5430	488828.64	3857936.4	1.03E-03	1.17E-03	5.87E-04	3.57E-07	1.08E-06	6.23E-07	7.12E-07	6.45E-07	2.94E-07	1.47E-07	1.19E-08	2.88E-07	6.35E-08	9.66E-08	1.53E-07	2.70E-08	7.72E-08	7.17E-07
5431	488829.08	3857959.58	1.00E-03	1.14E-03	5.70E-04	3.47E-07	1.05E-06	6.06E-07	6.92E-07	6.27E-07	2.86E-07	1.43E-07	1.16E-08	2.80E-07	6.17E-08	9.39E-08	1.49E-07	2.63E-08	7.50E-08	6.97E-07
5432	488351.61	3857964.55	1.25E-03	1.38E-03	8.28E-04	4.31E-07	1.30E-06	7.54E-07	8.38E-07	7.59E-07	3.46E-07	2.07E-07	1.44E-08	3.48E-07	7.68E-08	1.14E-07	1.80E-07	3.18E-08	1.09E-07	8.74E-07
5433	488316.87	3857947.65	1.28E-03	1.42E-03	8.49E-04	4.42E-07	1.34E-06	7.73E-07	8.59E-07	7.78E-07	3.55E-07	2.13E-07	1.48E-08	3.57E-07	7.87E-08	1.17E-07	1.85E-07	3.26E-08	1.12E-07	8.96E-07
5434	488129.1	3857775.77	1.18E-03	1.36E-03	6.23E-04	4.09E-07	1.24E-06	7.15E-07	8.27E-07	7.49E-07	3.42E-07	1.56E-07	1.37E-08	3.30E-07	7.28E-08	1.12E-07	1.78E-07	3.14E-08	8.19E-08	8.20E-07
5435	488062.53	3857846.13	1.06E-03	1.23E-03	5.65E-04	3.69E-07	1.11E-06	6.44E-07	7.44E-07	6.74E-07	3.08E-07	1.41E-07	1.23E-08	2.97E-07	6.56E-08	1.01E-07	1.60E-07	2.82E-08	7.42E-08	7.39E-07
5436	488330.41	3858091.34	9.09E-04	1.03E-03	5.49E-04	3.15E-07	9.51E-07	5.51E-07	6.22E-07	5.64E-07	2.57E-07	1.38E-07	1.05E-08	2.54E-07	5.61E-08	8.45E-08	1.34E-07	2.36E-08	7.22E-08	6.35E-07
5437	488470.87	3858174.45	7.45E-04	8.53E-04	4.20E-04	2.58E-07	7.80E-07	4.51E-07	5.16E-07	4.68E-07	2.14E-07	1.05E-07	8.63E-09	2.08E-07	4.60E-08	7.01E-08	1.11E-07	1.96E-08	5.52E-08	5.19E-07
5438	488568.9	3858262.31	6.48E-04	7.45E-04	3.54E-04	2.25E-07	6.78E-07	3.93E-07	4.51E-07	4.09E-07	1.87E-07	8.87E-08	7.50E-09	1.81E-07	4.00E-08	6.13E-08	9.72E-08	1.71E-08	4.66E-08	4.51E-07
5439	488964.27	3858025.71	9.00E-04	1.03E-03	5.02E-04	3.12E-07	9.42E-07	5.45E-07	6.25E-07	5.66E-07	2.58E-07	1.26E-07	1.04E-08	2.52E-07	5.55E-08	8.48E-08	1.35E-07	2.37E-08	6.60E-08	6.27E-07
5440	489147.25	3857956.64	9.58E-04	1.10E-03	5.28E-04	3.32E-07	1.00E-06	5.80E-07	6.66E-07	6.04E-07	2.76E-07	1.32E-07	1.11E-08	2.68E-07	5.91E-08	9.05E-08	1.44E-07	2.53E-08	6.94E-08	6.67E-07
5441	489343.52	3857932.45	9.59E-04	1.10E-03	5.22E-04	3.32E-07	1.00E-06	5.81E-07	6.68E-07	6.05E-07	2.76E-07	1.31E-07	1.11E-08	2.68E-07	5.91E-08	9.07E-08	1.44E-07	2.53E-08	6.87E-08	6.67E-07
5442	489866.19	3857923.19	8.93E-04	1.03E-03	4.79E-04	3.09E-07	9.34E-07	5.41E-07	6.23E-07	5.65E-07	2.58E-07	1.20E-07	1.03E-08	2.50E-07	5.51E-08	8.46E-08	1.34E-07	2.37E-08	6.30E-08	6.20E-07
5443	489955.65	3857902.27	8.95E-04	1.03E-03	4.80E-04	3.10E-07	9.37E-07	5.42E-07	6.25E-07	5.67E-07	2.59E-07	1.20E-07	1.04E-08	2.50E-07	5.52E-08	8.49E-08	1.35E-07	2.37E-08	6.31E-08	6.22E-07
5444	490079.44	3857847.9	9.11E-04	1.05E-03	4.87E-04	3.16E-07	9.53E-07	5.52E-07	6.36E-07	5.77E-07	2.63E-07	1.22E-07	1.05E-08	2.55E-07	5.62E-08	8.64E-08	1.37E-07	2.41E-08	6.41E-08	6.33E-07
5445	490108.49	3857934.13	8.50E-04	9.80E-04	4.55E-04	2.94E-07	8.89E-07	5.15E-07	5.93E-07	5.38E-07	2.45E-07	1.14E-07	9.83E-09	2.37E-07	5.24E-08	8.06E-08	1.28E-07	2.25E-08	5.98E-08	5.90E-07
5446	489884.48	3858014.17	8.27E-04	9.53E-04	4.44E-04	2.87E-07	8.65E-07	5.01E-07	5.78E-07	5.24E-07	2.39E-07	1.11E-07	9.57E-09	2.31E-07	5.10E-08	7.84E-08	1.24E-07	2.19E-08	5.83E-08	5.75E-07
5447	489326.56	3858025.86	8.74E-04	1.01E-03	4.76E-04	3.03E-07	9.15E-07	5.30E-07	6.09E-07	5.52E-07	2.52E-07	1.19E-07	1.01E-08	2.44E-07	5.39E-08	8.27E-08	1.31E-07	2.31E-08	6.26E-08	6.08E-07
5448	489130.38	3858056.71	8.60E-04	9.88E-04	4.72E-04	2.98E-07	9.00E-07	5.21E-07	5.98E-07	5.42E-07	2.48E-07	1.18E-07	9.95E-09	2.40E-07	5.30E-08	8.12E-08	1.29E-07	2.27E-08	6.21E-08	5.98E-07
5449	488936.49	3858143.93	7.68E-04	8.82E-04	4.23E-04	2.66E-07	8.03E-07	4.65E-07	5.34E-07	4.84E-07	2.21E-07	1.06E-07	8.89E-09	2.15E-07	4.74E-08	7.25E-08	1.15E-07	2.03E-08	5.56E-08	5.34E-07
5450	488638.08	3858327.45	6.02E-04	6.93E-04	3.25E-04	2.09E-07	6.30E-07	3.65E-07	4.20E-07	3.81E-07	1.74E-07	8.15E-08	6.97E-09	1.68E-07	3.71E-08	5.70E-08	9.05E-08	1.59E-08	4.28E-08	4.19E-07
5451	488663.79	3858349.57	5.89E-04	6.78E-04	3.17E-04	2.04E-07	6.16E-07	3.57E-07	4.11E-07	3.73E-07	1.70E-07	7.95E-08	6.82E-09	1.65E-07	3.63E-08	5.58E-08	8.85E-08	1.56E-08	4.17E-08	4.09E-07

5452	488694.56	3858349.5	5.88E-04	6.78E-04	3.17E-04	2.04E-07	6.16E-07	3.56E-07	4.11E-07	3.72E-07	1.70E-07	7.95E-08	6.81E-09	1.64E-07	3.63E-08	5.57E-08	8.84E-08	1.56E-08	4.17E-08	4.09E-07
5453	488694.35	3858336.75	5.96E-04	6.86E-04	3.22E-04	2.06E-07	6.23E-07	3.61E-07	4.16E-07	3.77E-07	1.72E-07	8.06E-08	6.90E-09	1.67E-07	3.68E-08	5.64E-08	8.95E-08	1.58E-08	4.23E-08	4.14E-07
5454	488712.81	3858336.38	5.96E-04	6.86E-04	3.22E-04	2.07E-07	6.24E-07	3.61E-07	4.16E-07	3.77E-07	1.72E-07	8.07E-08	6.90E-09	1.67E-07	3.68E-08	5.64E-08	8.95E-08	1.58E-08	4.23E-08	4.14E-07
5455	488713.23	3858367.46	5.78E-04	6.66E-04	3.11E-04	2.00E-07	6.05E-07	3.50E-07	4.03E-07	3.66E-07	1.67E-07	7.79E-08	6.69E-09	1.62E-07	3.56E-08	5.48E-08	8.69E-08	1.53E-08	4.09E-08	4.02E-07
5456	488704.63	3858384.05	5.69E-04	6.56E-04	3.06E-04	1.97E-07	5.96E-07	3.45E-07	3.97E-07	3.60E-07	1.64E-07	7.66E-08	6.59E-09	1.59E-07	3.51E-08	5.39E-08	8.56E-08	1.51E-08	4.02E-08	3.96E-07
5457	488604.15	3858488.29	5.30E-04	6.12E-04	2.82E-04	1.84E-07	5.55E-07	3.21E-07	3.71E-07	3.36E-07	1.53E-07	7.06E-08	6.13E-09	1.48E-07	3.27E-08	5.03E-08	7.98E-08	1.41E-08	3.71E-08	3.68E-07
5458	488605.66	3858550.47	5.08E-04	5.86E-04	2.69E-04	1.76E-07	5.31E-07	3.08E-07	3.55E-07	3.22E-07	1.47E-07	6.75E-08	5.88E-09	1.42E-07	3.13E-08	4.82E-08	7.65E-08	1.35E-08	3.54E-08	3.53E-07
5459	488692.68	3858548.71	5.03E-04	5.81E-04	2.67E-04	1.74E-07	5.26E-07	3.05E-07	3.52E-07	3.19E-07	1.45E-07	6.70E-08	5.82E-09	1.41E-07	3.10E-08	4.78E-08	7.58E-08	1.34E-08	3.51E-08	3.49E-07
5460	488759.93	3858461.81	5.32E-04	6.13E-04	2.84E-04	1.84E-07	5.56E-07	3.22E-07	3.71E-07	3.37E-07	1.54E-07	7.11E-08	6.15E-09	1.49E-07	3.28E-08	5.04E-08	8.00E-08	1.41E-08	3.73E-08	3.69E-07
5461	488816.57	3858541.79	4.99E-04	5.75E-04	2.65E-04	1.73E-07	5.22E-07	3.02E-07	3.49E-07	3.16E-07	1.44E-07	6.65E-08	5.77E-09	1.39E-07	3.07E-08	4.73E-08	7.51E-08	1.32E-08	3.49E-08	3.46E-07
5462	488944.63	3858656.77	4.57E-04	5.27E-04	2.43E-04	1.58E-07	4.78E-07	2.77E-07	3.19E-07	2.90E-07	1.32E-07	6.08E-08	5.29E-09	1.28E-07	2.82E-08	4.34E-08	6.88E-08	1.21E-08	3.19E-08	3.17E-07
5463	489134.91	3858830.7	4.06E-04	4.68E-04	2.16E-04	1.41E-07	4.25E-07	2.46E-07	2.84E-07	2.57E-07	1.17E-07	5.41E-08	4.70E-09	1.13E-07	2.50E-08	3.85E-08	6.11E-08	1.08E-08	2.84E-08	2.82E-07
5464	489193.99	3858886.05	3.92E-04	4.52E-04	2.09E-04	1.36E-07	4.10E-07	2.37E-07	2.74E-07	2.48E-07	1.13E-07	5.23E-08	4.54E-09	1.10E-07	2.42E-08	3.72E-08	5.90E-08	1.04E-08	2.75E-08	2.72E-07
5465	489295.2	3858954.34	3.74E-04	4.32E-04	2.00E-04	1.30E-07	3.92E-07	2.27E-07	2.62E-07	2.37E-07	1.08E-07	5.00E-08	4.33E-09	1.05E-07	2.31E-08	3.55E-08	5.64E-08	9.93E-09	2.63E-08	2.60E-07
5466	489295.64	3858992.74	3.68E-04	4.25E-04	1.96E-04	1.28E-07	3.85E-07	2.23E-07	2.57E-07	2.33E-07	1.06E-07	4.92E-08	4.26E-09	1.03E-07	2.27E-08	3.49E-08	5.54E-08	9.76E-09	2.58E-08	2.56E-07
5467	489183.74	3858911.72	3.88E-04	4.48E-04	2.07E-04	1.34E-07	4.06E-07	2.35E-07	2.71E-07	2.46E-07	1.12E-07	5.18E-08	4.49E-09	1.08E-07	2.39E-08	3.68E-08	5.84E-08	1.03E-08	2.72E-08	2.70E-07
5468	488873.37	3858625.59	4.69E-04	5.42E-04	2.49E-04	1.63E-07	4.91E-07	2.84E-07	3.28E-07	2.98E-07	1.36E-07	6.25E-08	5.43E-09	1.31E-07	2.90E-08	4.46E-08	7.07E-08	1.25E-08	3.28E-08	3.26E-07
5469	488842.84	3858658.69	4.62E-04	5.33E-04	2.45E-04	1.60E-07	4.83E-07	2.80E-07	3.23E-07	2.93E-07	1.34E-07	6.14E-08	5.34E-09	1.29E-07	2.85E-08	4.38E-08	6.95E-08	1.23E-08	3.22E-08	3.21E-07
5470	488856.39	3858670.93	4.58E-04	5.29E-04	2.43E-04	1.59E-07	4.79E-07	2.77E-07	3.20E-07	2.90E-07	1.33E-07	6.09E-08	5.30E-09	1.28E-07	2.83E-08	4.35E-08	6.90E-08	1.22E-08	3.20E-08	3.18E-07
5471	488805.7	3858724.5	4.47E-04	5.16E-04	2.37E-04	1.55E-07	4.68E-07	2.71E-07	3.13E-07	2.83E-07	1.29E-07	5.94E-08	5.17E-09	1.25E-07	2.76E-08	4.25E-08	6.73E-08	1.19E-08	3.12E-08	3.11E-07
5472	488805.87	3858804.16	4.27E-04	4.93E-04	2.27E-04	1.48E-07	4.47E-07	2.59E-07	2.99E-07	2.71E-07	1.23E-07	5.68E-08	4.94E-09	1.19E-07	2.63E-08	4.05E-08	6.43E-08	1.13E-08	2.98E-08	2.97E-07
5473	488995.78	3858936.96	3.92E-04	4.52E-04	2.09E-04	1.36E-07	4.10E-07	2.37E-07	2.74E-07	2.48E-07	1.13E-07	5.23E-08	4.54E-09	1.10E-07	2.42E-08	3.72E-08	5.90E-08	1.04E-08	2.75E-08	2.72E-07
5474	489130.76	3859017.38	3.73E-04	4.30E-04	1.99E-04	1.29E-07	3.90E-07	2.26E-07	2.61E-07	2.36E-07	1.08E-07	4.99E-08	4.32E-09	1.04E-07	2.30E-08	3.54E-08	5.61E-08	9.89E-09	2.62E-08	2.59E-07
5475	489130.92	3859052.24	3.67E-04	4.24E-04	1.96E-04	1.27E-07	3.84E-07	2.23E-07	2.57E-07	2.33E-07	1.06E-07	4.92E-08	4.25E-09	1.03E-07	2.27E-08	3.48E-08	5.53E-08	9.74E-09	2.58E-08	2.55E-07
5476	489200.33	3859090.6	3.58E-04	4.13E-04	1.92E-04	1.24E-07	3.75E-07	2.17E-07	2.50E-07	2.27E-07	1.03E-07	4.80E-08	4.15E-09	1.00E-07	2.21E-08	3.40E-08	5.39E-08	9.50E-09	2.52E-08	2.49E-07
5477	489296.07	3859143.7	3.46E-04	3.99E-04	1.85E-04	1.20E-07	3.62E-07	2.10E-07	2.42E-07	2.19E-07	9.99E-08	4.65E-08	4.00E-09	9.67E-08	2.13E-08	3.28E-08	5.20E-08	9.17E-09	2.44E-08	2.40E-07
5478	489296.43	3858954.74	3.74E-04	4.32E-04	2.00E-04	1.30E-07	3.92E-07	2.27E-07	2.62E-07	2.37E-07	1.08E-07	5.00E-08	4.33E-09	1.05E-07	2.31E-08	3.55E-08	5.63E-08	9.93E-09	2.62E-08	2.60E-07
5479	489410.33	3859033.19	3.56E-04	4.10E-04	1.90E-04	1.23E-07	3.72E-07	2.16E-07	2.49E-07	2.25E-07	1.03E-07	4.76E-08	4.12E-09	9.95E-08	2.19E-08	3.38E-08	5.36E-08	9.44E-09	2.50E-08	2.47E-07
5480	489371.37	3859089.8	3.49E-04	4.03E-04	1.87E-04	1.21E-07	3.66E-07	2.12E-07	2.44E-07	2.21E-07	1.01E-07	4.68E-08	4.04E-09	9.77E-08	2.16E-08	3.32E-08	5.26E-08	9.27E-09	2.46E-08	2.43E-07
5481	489390.52	3859102.82	3.47E-04	4.00E-04	1.85E-04	1.20E-07	3.63E-07	2.10E-07	2.42E-07	2.20E-07	1.00E-07	4.65E-08	4.01E-09	9.69E-08	2.14E-08	3.29E-08	5.22E-08	9.19E-09	2.44E-08	2.41E-07
5482	489382.3	3859114.53	3.46E-04	3.99E-04	1.85E-04	1.20E-07	3.62E-07	2.09E-07	2.41E-07	2.19E-07	9.99E-08	4.64E-08	4.00E-09	9.66E-08	2.13E-08	3.28E-08	5.20E-08	9.16E-09	2.43E-08	2.40E-07
5483	489363.04	3859102.45	3.48E-04	4.02E-04	1.86E-04	1.21E-07	3.64E-07	2.11E-07	2.43E-07	2.21E-07	1.01E-07	4.67E-08	4.03E-09	9.74E-08	2.15E-08	3.30E-08	5.24E-08	9.24E-09	2.45E-08	2.42E-07
5484	489337.52	3859140.71	3.44E-04	3.97E-04	1.84E-04	1.19E-07	3.60E-07	2.09E-07	2.40E-07	2.18E-07	9.95E-08	4.62E-08	3.98E-09	9.62E-08	2.12E-08	3.26E-08	5.18E-08	9.13E-09	2.43E-08	2.39E-07
5485	489375.14	3859164.55	3.39E-04	3.91E-04	1.82E-04	1.18E-07	3.55E-07	2.06E-07	2.37E-07	2.15E-07	9.80E-08	4.56E-08	3.93E-09	9.48E-08	2.09E-08	3.22E-08	5.10E-08	8.99E-09	2.39E-08	2.36E-07
5486	489409.3	3859114.5	3.44E-04	3.97E-04	1.84E-04	1.19E-07	3.60E-07	2.08E-07	2.40E-07	2.18E-07	9.94E-08	4.61E-08	3.98E-09	9.62E-08	2.12E-08	3.26E-08	5.18E-08	9.12E-09	2.42E-08	2.39E-07
5487	489434.87	3859131.81	3.41E-04	3.93E-04	1.82E-04	1.18E-07	3.56E-07	2.06E-07	2.38E-07	2.16E-07	9.84E-08	4.57E-08	3.94E-09	9.52E-08	2.10E-08	3.23E-08	5.12E-08	9.03E-09	2.40E-08	2.37E-07
5488	489471.87	3859075.75	3.47E-04	4.00E-04	1.85E-04	1.20E-07	3.63E-07	2.10E-07	2.42E-07	2.19E-07	1.00E-07	4.64E-08	4.01E-09	9.69E-08	2.14E-08	3.29E-08	5.22E-08	9.19E-09	2.44E-08	2.41E-07
5489	489602.62	3859164.69	3.28E-04	3.78E-04	1.76E-04	1.14E-07	3.43E-07	1.99E-07	2.29E-07	2.08E-07	9.47E-08	4.40E-08	3.80E-09	9.17E-08	2.02E-08	3.11E-08	4.93E-08	8.69E-09	2.31E-08	2.28E-07
5490	489558.29	3859232.45	3.22E-04	3.71E-04	1.73E-04	1.11E-07	3.37E-07	1.95E-07	2.25E-07	2.04E-07	9.29E-08	4.32E-08	3.72E-09	8.99E-08	1.98E-08	3.05E-08	4.84E-08	8.53E-09	2.27E-08	2.24E-07
5491	489620.11	3859273.56	3.13E-04	3.61E-04	1.68E-04	1.09E-07	3.28E-07	1.90E-07	2.19E-07	1.98E-07	9.05E-08	4.21E-08	3.63E-09	8.76E-08	1.93E-08	2.97E-08	4.71E-08	8.30E-09	2.21E-08	2.18E-07
5492	489666.06	3859206.42	3.19E-04	3.68E-04	1.71E-04	1.11E-07	3.34E-07	1.93E-07	2.23E-07	2.02E-07	9.23E-08	4.29E-08	3.70E-09	8.93E-08	1.97E-08	3.03E-08	4.80E-08	8.47E-09	2.25E-08	2.22E-07
5493	489787.9	3859285.65	3.04E-04	3.50E-04	1.63E-04	1.05E-07	3.18E-07	1.84E-07	2.12E-07	1.92E-07	8.78E-08	4.08E-08	3.52E-09	8.50E-08	1.88E-08	2.88E-08	4.57E-08	8.06E-09	2.14E-08	2.11E-07
5494	489752.17	3859343.13	2.99E-04	3.45E-04	1.60E-04	1.04E-07	3.13E-07	1.81E-07	2.09E-07	1.89E-07	8.63E-08	4.02E-08	3.46E-09	8.36E-08	1.84E-08	2.83E-08	4.50E-08	7.92E-09	2.11E-08	2.08E-07
5495	489814.94	3859385.33	2.91E-04	3.36E-04	1.56E-04	1.01E-07	3.05E-07	1.77E-07	2.04E-07	1.84E-07	8.42E-08	3.92E-08	3.37E-09	8.15E-08	1.80E-08	2.76E-08	4.38E-08	7.73E-09	2.06E-08	2.03E-07
5496	489853.42	3859330.74	2.96E-04	3.41E-04	1.59E-04	1.03E-07	3.10E-07	1.79E-07	2.07E-07	1.87E-07	8.55E-08	3.97E-08	3.42E-09	8.27E-08	1.82E-08	2.81E-08	4.45E-08	7.84E-09	2.08E-08	2.06E-07
5497	489969.5	3859401.91	2.83E-04	3.26E-04	1.52E-04	9.81E-08	2.96E-07	1.72E-07	1.98E-07	1.79E-07	8.18E-08	3.80E-08	3.28E-09	7.92E-08	1.75E-08	2.69E-08	4.26E-08	7.51E-09	2.00E-08	1.97E-07
5498	490166.91	3859486.96	2.67E-04	3.07E-04	1.43E-04	9.24E-08	2.79E-07	1.62E-07	1.86E-07	1.69E-07	7.70E-08	3.58E-08	3.09E-09	7.45E-08	1.64E-08	2.53E-08	4.01E-08	7.07E-09	1.88E-08	1.85E-07
5499	490128.86	3859571.46	2.59E-04	2.98E-04	1.39E-04	8.96E-08	2.71E-07	1.57E-07	1.81E-07	1.64E-07	7.47E-08	3.47E-08	2.99E-09	7.23E-08	1.60E-08	2.45E-08	3.89E-08	6.86E-09	1.82E-08	1.80E-07
5500	490186.65	3859593.65	2.54E-04	2.93E-04	1.36E-04	8.82E-08	2.66E-07	1.54E-07	1.78E-07	1.61E-07	7.35E-08	3.42E-08	2.95E-09	7.11E-08	1.57E-08	2.41E-08	3.83E-08	6.75E-09	1.79E-08	1.77E-07
5501	490223.74	3859517.48	2.62E-04	3.02E-04	1.40E-04	9.07E-08	2.74E-07	1.59E-07	1.83E-07	1.66E-07	7.56E-08	3.51E-08	3.03E-09	7.32E-08	1.61E-08	2.48E-08	3.94E-08	6.94E-09	1.84E-08	1.82E-07
5502	490846.34	3859817.22	2.23E-04	2.57E-04	1.18E-04	7.71E-08	2.33E-07	1.35E-07	1.56E-07	1.41E-07	6.43E-08	2.97E-08	2.58E-09	6.22E-08	1.37E-08	2.11E-08	3.35E-08	5.91E-09	1.56E-08	1.55E-07
5503	490925.65	3859844.59	2.20E-04	2.53E-04	1.17E-04	7.61E-08	2.30E-07	1.33E-07	1.54E-07	1.39E-07	6.35E-08	2.93E-08	2.54E-09	6.14E-08	1.35E-08	2.08E-08	3.31E-08	5.83E-09	1.54E-08	1.53E-07
5504	491159.29	3859896.28	2.13E-04	2.46E-04	1.13E-04	7.38E-08	2.23E-07	1.29E-07	1.49E-07	1.35E-07	6.16E-08	2.83E-08	2.46E-09	5.95E-08	1.31E-08	2.02E-08	3.21E-08	5.65E-09	1.49E-08	1.48E-07

5505	491370.69	3859960.89	2.05E-04	2.37E-04	1.09E-04	7.10E-08	2.14E-07	1.24E-07	1.43E-07	1.30E-07	5.93E-08	2.72E-08	2.37E-09	5.73E-08	1.26E-08	1.95E-08	3.09E-08	5.44E-09	1.43E-08	1.42E-07
5506	491330.28	3860063.17	1.93E-04	2.23E-04	1.02E-04	6.68E-08	2.02E-07	1.17E-07	1.35E-07	1.22E-07	5.58E-08	2.56E-08	2.23E-09	5.39E-08	1.19E-08	1.83E-08	2.91E-08	5.12E-09	1.35E-08	1.34E-07
5507	491636.45	3860180.75	1.83E-04	2.12E-04	9.70E-05	6.35E-08	1.92E-07	1.11E-07	1.28E-07	1.16E-07	5.30E-08	2.43E-08	2.12E-09	5.12E-08	1.13E-08	1.74E-08	2.76E-08	4.87E-09	1.28E-08	1.27E-07
5508	491617.94	3860203.93	1.81E-04	2.09E-04	9.58E-05	6.27E-08	1.89E-07	1.10E-07	1.27E-07	1.15E-07	5.23E-08	2.40E-08	2.09E-09	5.06E-08	1.12E-08	1.72E-08	2.73E-08	4.80E-09	1.26E-08	1.26E-07
5509	491805.68	3860271.59	1.76E-04	2.03E-04	9.29E-05	6.09E-08	1.84E-07	1.06E-07	1.23E-07	1.11E-07	5.08E-08	2.33E-08	2.03E-09	4.91E-08	1.08E-08	1.67E-08	2.65E-08	4.66E-09	1.22E-08	1.22E-07
5510	491654.23	3860414.02	1.65E-04	1.90E-04	8.70E-05	5.70E-08	1.72E-07	9.97E-08	1.15E-07	1.04E-07	4.76E-08	2.18E-08	1.90E-09	4.60E-08	1.01E-08	1.56E-08	2.48E-08	4.37E-09	1.14E-08	1.14E-07
5511	491592.62	3860510.76	1.58E-04	1.82E-04	8.33E-05	5.46E-08	1.65E-07	9.55E-08	1.10E-07	1.00E-07	4.56E-08	2.09E-08	1.82E-09	4.41E-08	9.72E-09	1.50E-08	2.38E-08	4.19E-09	1.09E-08	1.09E-07
5512	491475.41	3860368.93	1.67E-04	1.92E-04	8.81E-05	5.77E-08	1.74E-07	1.01E-07	1.17E-07	1.06E-07	4.82E-08	2.21E-08	1.93E-09	4.65E-08	1.03E-08	1.58E-08	2.51E-08	4.42E-09	1.16E-08	1.16E-07
5513	491445.61	3860337.28	1.69E-04	1.95E-04	8.93E-05	5.85E-08	1.77E-07	1.02E-07	1.18E-07	1.07E-07	4.88E-08	2.24E-08	1.95E-09	4.72E-08	1.04E-08	1.60E-08	2.54E-08	4.48E-09	1.17E-08	1.17E-07
5514	491399.05	3860300.37	1.72E-04	1.98E-04	9.10E-05	5.95E-08	1.80E-07	1.04E-07	1.20E-07	1.09E-07	4.97E-08	2.28E-08	1.99E-09	4.80E-08	1.06E-08	1.63E-08	2.59E-08	4.56E-09	1.20E-08	1.19E-07
5515	491228.84	3860235.98	1.78E-04	2.05E-04	9.41E-05	6.15E-08	1.86E-07	1.08E-07	1.24E-07	1.13E-07	5.14E-08	2.36E-08	2.05E-09	4.96E-08	1.09E-08	1.69E-08	2.67E-08	4.71E-09	1.24E-08	1.23E-07
5516	491228.47	3860174.57	1.82E-04	2.11E-04	9.68E-05	6.32E-08	1.91E-07	1.11E-07	1.28E-07	1.16E-07	5.28E-08	2.42E-08	2.11E-09	5.10E-08	1.13E-08	1.73E-08	2.75E-08	4.84E-09	1.27E-08	1.27E-07
5517	491145.77	3860112.55	1.89E-04	2.18E-04	1.00E-04	6.54E-08	1.97E-07	1.14E-07	1.32E-07	1.20E-07	5.46E-08	2.51E-08	2.18E-09	5.27E-08	1.16E-08	1.79E-08	2.84E-08	5.01E-09	1.32E-08	1.31E-07
5518	490844.41	3859966.22	2.07E-04	2.38E-04	1.10E-04	7.16E-08	2.16E-07	1.25E-07	1.44E-07	1.31E-07	5.97E-08	2.75E-08	2.39E-09	5.77E-08	1.27E-08	1.96E-08	3.11E-08	5.48E-09	1.44E-08	1.44E-07
5519	490845.55	3859928.15	2.10E-04	2.42E-04	1.12E-04	7.28E-08	2.20E-07	1.27E-07	1.47E-07	1.33E-07	6.08E-08	2.80E-08	2.43E-09	5.87E-08	1.30E-08	1.99E-08	3.16E-08	5.58E-09	1.47E-08	1.46E-07
5520	490046.91	3859625.6	2.57E-04	2.96E-04	1.38E-04	8.91E-08	2.69E-07	1.56E-07	1.80E-07	1.63E-07	7.43E-08	3.46E-08	2.98E-09	7.19E-08	1.59E-08	2.44E-08	3.87E-08	6.82E-09	1.81E-08	1.79E-07
5521	489970.48	3859589.4	2.64E-04	3.04E-04	1.42E-04	9.15E-08	2.76E-07	1.60E-07	1.84E-07	1.67E-07	7.62E-08	3.55E-08	3.06E-09	7.38E-08	1.63E-08	2.50E-08	3.97E-08	7.00E-09	1.86E-08	1.84E-07
5522	489865.89	3859529.06	2.75E-04	3.17E-04	1.48E-04	9.53E-08	2.88E-07	1.67E-07	1.92E-07	1.74E-07	7.94E-08	3.70E-08	3.18E-09	7.68E-08	1.70E-08	2.61E-08	4.13E-08	7.28E-09	1.94E-08	1.91E-07
5523	489826.89	3859531.74	2.77E-04	3.19E-04	1.49E-04	9.58E-08	2.89E-07	1.68E-07	1.93E-07	1.75E-07	7.98E-08	3.73E-08	3.20E-09	7.73E-08	1.71E-08	2.62E-08	4.16E-08	7.33E-09	1.96E-08	1.92E-07
5524	489410.47	3859303.06	3.20E-04	3.68E-04	1.72E-04	1.11E-07	3.34E-07	1.94E-07	2.23E-07	2.02E-07	9.23E-08	4.31E-08	3.70E-09	8.93E-08	1.97E-08	3.03E-08	4.80E-08	8.47E-09	2.26E-08	2.22E-07
5525	489407.15	3859286.09	3.22E-04	3.71E-04	1.73E-04	1.12E-07	3.37E-07	1.95E-07	2.25E-07	2.04E-07	9.30E-08	4.34E-08	3.73E-09	9.00E-08	1.99E-08	3.05E-08	4.84E-08	8.53E-09	2.28E-08	2.24E-07
5526	488806.07	3858963.62	3.87E-04	4.46E-04	2.06E-04	1.34E-07	4.05E-07	2.34E-07	2.70E-07	2.45E-07	1.12E-07	5.17E-08	4.48E-09	1.08E-07	2.39E-08	3.67E-08	5.82E-08	1.03E-08	2.71E-08	2.69E-07
5527	488817.64	3859546.3	2.81E-04	3.22E-04	1.58E-04	9.75E-08	2.94E-07	1.70E-07	1.95E-07	1.77E-07	8.06E-08	3.97E-08	3.25E-09	7.86E-08	1.73E-08	2.65E-08	4.20E-08	7.40E-09	2.08E-08	1.96E-07
5528	489187.25	3859549.52	2.82E-04	3.23E-04	1.55E-04	9.76E-08	2.95E-07	1.71E-07	1.96E-07	1.78E-07	8.10E-08	3.88E-08	3.26E-09	7.87E-08	1.74E-08	2.66E-08	4.22E-08	7.44E-09	2.04E-08	1.96E-07
5529	489187.66	3859523.74	2.86E-04	3.28E-04	1.57E-04	9.90E-08	2.99E-07	1.73E-07	1.99E-07	1.80E-07	8.22E-08	3.93E-08	3.31E-09	7.99E-08	1.76E-08	2.70E-08	4.28E-08	7.55E-09	2.06E-08	1.99E-07
5530	489232.59	3859522.85	2.87E-04	3.30E-04	1.57E-04	9.94E-08	3.00E-07	1.74E-07	2.00E-07	1.81E-07	8.26E-08	3.94E-08	3.32E-09	8.02E-08	1.77E-08	2.71E-08	4.30E-08	7.58E-09	2.07E-08	2.00E-07
5531	489224.98	3859759.91	2.50E-04	2.87E-04	1.38E-04	8.67E-08	2.62E-07	1.51E-07	1.74E-07	1.58E-07	7.19E-08	3.46E-08	2.89E-09	6.99E-08	1.54E-08	2.36E-08	3.74E-08	6.60E-09	1.82E-08	1.74E-07
5532	488401.39	3859763.34	2.68E-04	3.03E-04	1.62E-04	9.29E-08	2.80E-07	1.62E-07	1.83E-07	1.66E-07	7.58E-08	4.07E-08	3.10E-09	7.49E-08	1.65E-08	2.49E-08	3.95E-08	6.96E-09	2.14E-08	1.87E-07
5533	488405.51	3859966.16	2.12E-04	2.43E-04	1.17E-04	7.35E-08	2.22E-07	1.29E-07	1.47E-07	1.34E-07	6.10E-08	2.94E-08	2.46E-09	5.93E-08	1.31E-08	2.00E-08	3.18E-08	5.60E-09	1.54E-08	1.48E-07
5534	489202.85	3859956.57	2.25E-04	2.58E-04	1.24E-04	7.79E-08	2.35E-07	1.36E-07	1.56E-07	1.42E-07	6.46E-08	3.11E-08	2.60E-09	6.28E-08	1.39E-08	2.12E-08	3.37E-08	5.93E-09	1.63E-08	1.56E-07
5535	489191.9	3860676.74	1.54E-04	1.78E-04	8.18E-05	5.34E-08	1.61E-07	9.33E-08	1.08E-07	9.77E-08	4.46E-08	2.05E-08	1.78E-09	4.31E-08	9.50E-09	1.46E-08	2.32E-08	4.09E-09	1.08E-08	1.07E-07
5536	488392.82	3860687.88	1.46E-04	1.69E-04	7.76E-05	5.06E-08	1.53E-07	8.85E-08	1.02E-07	9.26E-08	4.22E-08	1.94E-08	1.69E-09	4.08E-08	9.01E-09	1.39E-08	2.20E-08	3.88E-09	1.02E-08	1.01E-07
5537	488392.82	3860760.27	1.42E-04	1.64E-04	7.53E-05	4.93E-08	1.49E-07	8.61E-08	9.94E-08	9.01E-08	4.11E-08	1.89E-08	1.64E-09	3.97E-08	8.77E-09	1.35E-08	2.14E-08	3.77E-09	9.91E-09	9.87E-08
5538	487549.05	3860777.45	1.36E-04	1.57E-04	7.16E-05	4.71E-08	1.42E-07	8.23E-08	9.51E-08	8.62E-08	3.93E-08	1.79E-08	1.57E-09	3.80E-08	8.38E-09	1.29E-08	2.05E-08	3.61E-09	9.41E-09	9.43E-08
5539	487554.62	3859571.83	2.35E-04	2.71E-04	1.25E-04	8.15E-08	2.46E-07	1.42E-07	1.64E-07	1.49E-07	6.80E-08	3.14E-08	2.72E-09	6.57E-08	1.45E-08	2.23E-08	3.54E-08	6.24E-09	1.65E-08	1.63E-07
5540	485949.46	3859558.54	2.29E-04	2.65E-04	1.20E-04	7.94E-08	2.40E-07	1.39E-07	1.60E-07	1.45E-07	6.64E-08	3.02E-08	2.65E-09	6.40E-08	1.41E-08	2.18E-08	3.46E-08	6.09E-09	1.58E-08	1.59E-07
5541	485947.55	3857943.61	7.16E-04	8.29E-04	3.74E-04	2.48E-07	7.50E-07	4.34E-07	5.02E-07	4.55E-07	2.08E-07	9.37E-08	8.29E-09	2.00E-07	4.42E-08	6.82E-08	1.08E-07	1.91E-08	4.92E-08	4.97E-07
5542	484738.38	3857940.21	5.44E-04	6.30E-04	2.84E-04	1.89E-07	5.70E-07	3.30E-07	3.82E-07	3.46E-07	1.58E-07	7.12E-08	6.30E-09	1.52E-07	3.36E-08	5.18E-08	8.22E-08	1.45E-08	3.74E-08	3.78E-07
5543	484737.06	3857535.68	7.01E-04	8.11E-04	3.65E-04	2.43E-07	7.33E-07	4.24E-07	4.91E-07	4.45E-07	2.03E-07	9.15E-08	8.11E-09	1.96E-07	4.32E-08	6.67E-08	1.06E-07	1.86E-08	4.80E-08	4.86E-07
5544	483730.2	3857530.13	4.90E-04	5.67E-04	2.56E-04	1.70E-07	5.12E-07	2.97E-07	3.43E-07	3.11E-07	1.42E-07	6.40E-08	5.67E-09	1.37E-07	3.02E-08	4.66E-08	7.40E-08	1.30E-08	3.36E-08	3.40E-07
5545	483727.27	3857130.01	5.78E-04	6.69E-04	3.02E-04	2.00E-07	6.04E-07	3.50E-07	4.05E-07	3.67E-07	1.68E-07	7.56E-08	6.69E-09	1.61E-07	3.56E-08	5.50E-08	8.72E-08	1.54E-08	3.97E-08	4.01E-07
5546	483124.42	3857123.45	4.44E-04	5.14E-04	2.32E-04	1.54E-07	4.64E-07	2.69E-07	3.11E-07	2.82E-07	1.29E-07	5.81E-08	5.14E-09	1.24E-07	2.74E-08	4.22E-08	6.70E-08	1.18E-08	3.05E-08	3.08E-07
5547	483111.13	3855921.03	6.00E-04	6.94E-04	3.14E-04	2.08E-07	6.28E-07	3.64E-07	4.21E-07	3.81E-07	1.74E-07	7.87E-08	6.94E-09	1.68E-07	3.70E-08	5.71E-08	9.06E-08	1.60E-08	4.13E-08	4.17E-07
5548	482701.73	3855918.24	4.70E-04	5.44E-04	2.46E-04	1.63E-07	4.92E-07	2.85E-07	3.29E-07	2.99E-07	1.36E-07	6.15E-08	5.44E-09	1.31E-07	2.90E-08	4.47E-08	7.09E-08	1.25E-08	3.23E-08	3.26E-07
5549	482668.02	3853521.78	1.76E-04	2.03E-04	9.17E-05	6.09E-08	1.84E-07	1.06E-07	1.23E-07	1.12E-07	5.09E-08	2.30E-08	2.03E-09	4.91E-08	1.08E-08	1.67E-08	2.65E-08	4.68E-09	1.21E-08	1.22E-07
5550	482579.91	3853219.19	1.68E-04	1.95E-04	8.80E-05	5.84E-08	1.76E-07	1.02E-07	1.18E-07	1.07E-07	4.89E-08	2.20E-08	1.95E-09	4.71E-08	1.04E-08	1.60E-08	2.54E-08	4.48E-09	1.16E-08	1.17E-07
5551	482434.06	3852961.94	1.61E-04	1.87E-04	8.42E-05	5.59E-08	1.69E-07	9.77E-08	1.13E-07	1.02E-07	4.68E-08	2.11E-08	1.87E-09	4.51E-08	9.95E-09	1.54E-08	2.44E-08	4.29E-09	1.11E-08	1.12E-07
5552	482332.11	3852832.85	1.54E-04	1.78E-04	8.04E-05	5.34E-08	1.61E-07	9.33E-08	1.08E-07	9.79E-08	4.47E-08	2.01E-08	1.78E-09	4.30E-08	9.50E-09	1.47E-08	2.33E-08	4.10E-09	1.06E-08	1.07E-07
5553	481334.99	3851818.96	1.02E-04	1.19E-04	5.35E-05	3.55E-08	1.07E-07	6.20E-08	7.18E-08	6.51E-08	2.97E-08	1.34E-08	1.18E-09	2.86E-08	6.32E-09	9.75E-09	1.55E-08	2.72E-09	7.03E-09	7.11E-08
5554	481127.62	3851646.36	9.45E-05	1.09E-04	4.94E-05	3.28E-08	9.89E-08	5.73E-08	6.63E-08	6.01E-08	2.74E-08	1.24E-08	1.09E-09	2.64E-08	5.83E-09	9.00E-09	1.43E-08	2.52E-09	6.49E-09	6.56E-08
5555	481025.04	3851591.73	9.03E-05	1.05E-04	4.72E-05	3.13E-08	9.45E-08	5.47E-08	6.33E-08	5.74E-08	2.62E-08	1.18E-08	1.04E-09	2.52E-08	5.57E-09	8.59E-09	1.36E-08	2.40E-09	6.20E-09	6.27E-08
5556	480513.6	3851335.76	7.11E-05	8.23E-05	3.72E-05	2.47E-08	7.44E-08	4.31E-08	4.99E-08	4.52E-08	2.06E-08	9.32E-09	8.23E-10	1.99E-08	4.39E-09	6.77E-09	1.07E-08	1.89E-09	4.89E-09	4.94E-08
5557	480523.56	3851317.66	7.20E-05	8.33E-05	3.77E-05	2.50E-08	7.54E-08	4.36E-08	5.05E-08	4.58E-08	2.09E-08	9.44E-09	8.34E-10	2.01E-08	4.44E-09	6.85E-09	1.09E-08	1.92E-09	4.95E-09	5.00E-08

5558	476921.56	3849569.11	3.58E-05	4.14E-05	1.88E-05	1.24E-08	3.75E-08	2.17E-08	2.51E-08	2.27E-08	1.04E-08	4.71E-09	4.14E-10	1.00E-08	2.21E-09	3.40E-09	5.40E-09	9.52E-10	2.47E-09	2.49E-08
5559	476521.19	3849373.96	3.41E-05	3.94E-05	1.79E-05	1.18E-08	3.57E-08	2.07E-08	2.39E-08	2.17E-08	9.88E-09	4.48E-09	3.95E-10	9.53E-09	2.10E-09	3.24E-09	5.14E-09	9.07E-10	2.35E-09	2.37E-08
5560	476391.45	3849333.38	3.38E-05	3.91E-05	1.77E-05	1.17E-08	3.54E-08	2.05E-08	2.37E-08	2.15E-08	9.79E-09	4.44E-09	3.91E-10	9.45E-09	2.08E-09	3.21E-09	5.10E-09	8.99E-10	2.33E-09	2.35E-08
5561	476219.41	3849304.29	3.36E-05	3.89E-05	1.76E-05	1.16E-08	3.52E-08	2.04E-08	2.35E-08	2.13E-08	9.74E-09	4.42E-09	3.89E-10	9.40E-09	2.07E-09	3.20E-09	5.07E-09	8.94E-10	2.32E-09	2.33E-08
5562	475679.11	3849218.47	3.27E-05	3.78E-05	1.72E-05	1.13E-08	3.42E-08	1.98E-08	2.29E-08	2.08E-08	9.48E-09	4.30E-09	3.79E-10	9.15E-09	2.02E-09	3.11E-09	4.94E-09	8.70E-10	2.26E-09	2.27E-08
5563	475677.71	3849233.88	3.29E-05	3.81E-05	1.73E-05	1.14E-08	3.44E-08	1.99E-08	2.31E-08	2.09E-08	9.54E-09	4.33E-09	3.81E-10	9.20E-09	2.03E-09	3.13E-09	4.97E-09	8.75E-10	2.27E-09	2.29E-08
5564	475492.74	3849204.66	3.07E-05	3.55E-05	1.61E-05	1.06E-08	3.21E-08	1.86E-08	2.15E-08	1.95E-08	8.88E-09	4.04E-09	3.55E-10	8.57E-09	1.89E-09	2.92E-09	4.63E-09	8.15E-10	2.12E-09	2.13E-08
5565	475497.64	3849158.75	3.12E-05	3.61E-05	1.64E-05	1.08E-08	3.26E-08	1.89E-08	2.18E-08	1.98E-08	9.03E-09	4.10E-09	3.61E-10	8.72E-09	1.92E-09	2.97E-09	4.70E-09	8.29E-10	2.15E-09	2.17E-08
5566	475391.35	3849141.94	3.18E-05	3.68E-05	1.67E-05	1.10E-08	3.33E-08	1.93E-08	2.23E-08	2.02E-08	9.22E-09	4.18E-09	3.68E-10	8.89E-09	1.96E-09	3.02E-09	4.80E-09	8.46E-10	2.20E-09	2.21E-08
5567	475277	3849095.47	3.17E-05	3.66E-05	1.66E-05	1.10E-08	3.31E-08	1.92E-08	2.22E-08	2.01E-08	9.17E-09	4.16E-09	3.66E-10	8.85E-09	1.95E-09	3.01E-09	4.78E-09	8.42E-10	2.19E-09	2.20E-08
5568	475183.93	3849025.66	3.11E-05	3.59E-05	1.63E-05	1.08E-08	3.25E-08	1.88E-08	2.18E-08	1.97E-08	9.00E-09	4.09E-09	3.59E-10	8.68E-09	1.92E-09	2.95E-09	4.69E-09	8.26E-10	2.14E-09	2.16E-08
5569	474453.23	3848378.77	2.68E-05	3.10E-05	1.41E-05	9.30E-09	2.81E-08	1.63E-08	1.88E-08	1.70E-08	7.78E-09	3.54E-09	3.11E-10	7.50E-09	1.66E-09	2.55E-09	4.05E-09	7.14E-10	1.86E-09	1.86E-08
5570	474569.63	3848399.34	2.67E-05	3.09E-05	1.41E-05	9.27E-09	2.80E-08	1.62E-08	1.87E-08	1.70E-08	7.75E-09	3.52E-09	3.09E-10	7.47E-09	1.65E-09	2.54E-09	4.03E-09	7.11E-10	1.85E-09	1.86E-08
5571	474644.33	3848464.52	2.72E-05	3.14E-05	1.43E-05	9.42E-09	2.84E-08	1.65E-08	1.90E-08	1.73E-08	7.88E-09	3.58E-09	3.15E-10	7.60E-09	1.68E-09	2.59E-09	4.10E-09	7.23E-10	1.88E-09	1.89E-08
5572	474719.04	3848529.7	2.76E-05	3.19E-05	1.45E-05	9.56E-09	2.89E-08	1.67E-08	1.93E-08	1.75E-08	7.99E-09	3.63E-09	3.19E-10	7.71E-09	1.70E-09	2.62E-09	4.16E-09	7.34E-10	1.91E-09	1.92E-08
5573	474793.74	3848594.88	2.78E-05	3.22E-05	1.46E-05	9.65E-09	2.91E-08	1.69E-08	1.95E-08	1.77E-08	8.07E-09	3.67E-09	3.22E-10	7.78E-09	1.72E-09	2.65E-09	4.20E-09	7.40E-10	1.92E-09	1.93E-08
5574	474868.45	3848660.07	2.80E-05	3.24E-05	1.47E-05	9.72E-09	2.93E-08	1.70E-08	1.96E-08	1.78E-08	8.12E-09	3.69E-09	3.24E-10	7.84E-09	1.73E-09	2.67E-09	4.23E-09	7.45E-10	1.94E-09	1.95E-08
5575	474943.15	3848725.25	2.83E-05	3.28E-05	1.49E-05	9.82E-09	2.96E-08	1.72E-08	1.98E-08	1.80E-08	8.21E-09	3.73E-09	3.28E-10	7.92E-09	1.75E-09	2.69E-09	4.27E-09	7.53E-10	1.96E-09	1.97E-08
5576	475017.86	3848790.43	2.88E-05	3.34E-05	1.52E-05	1.00E-08	3.02E-08	1.75E-08	2.02E-08	1.83E-08	8.36E-09	3.80E-09	3.34E-10	8.06E-09	1.78E-09	2.74E-09	4.35E-09	7.67E-10	1.99E-09	2.00E-08
5577	475092.56	3848855.61	2.94E-05	3.40E-05	1.55E-05	1.02E-08	3.08E-08	1.78E-08	2.06E-08	1.87E-08	8.53E-09	3.87E-09	3.41E-10	8.23E-09	1.82E-09	2.80E-09	4.44E-09	7.83E-10	2.03E-09	2.04E-08
5578	475232.58	3848959.38	3.03E-05	3.50E-05	1.59E-05	1.05E-08	3.17E-08	1.83E-08	2.12E-08	1.92E-08	8.78E-09	3.99E-09	3.51E-10	8.47E-09	1.87E-09	2.88E-09	4.57E-09	8.05E-10	2.09E-09	2.10E-08
5579	475368.47	3849029.98	3.07E-05	3.55E-05	1.61E-05	1.06E-08	3.21E-08	1.86E-08	2.15E-08	1.95E-08	8.88E-09	4.03E-09	3.55E-10	8.57E-09	1.89E-09	2.92E-09	4.63E-09	8.15E-10	2.12E-09	2.13E-08
5580	475609.57	3849096.09	3.09E-05	3.57E-05	1.62E-05	1.07E-08	3.23E-08	1.87E-08	2.16E-08	1.96E-08	8.95E-09	4.06E-09	3.57E-10	8.63E-09	1.90E-09	2.94E-09	4.66E-09	8.21E-10	2.13E-09	2.14E-08
5581	475680.68	3849116.62	3.14E-05	3.63E-05	1.65E-05	1.09E-08	3.29E-08	1.90E-08	2.20E-08	1.99E-08	9.10E-09	4.13E-09	3.63E-10	8.78E-09	1.94E-09	2.99E-09	4.74E-09	8.35E-10	2.17E-09	2.18E-08
5582	475843.76	3849151.52	3.19E-05	3.69E-05	1.68E-05	1.11E-08	3.34E-08	1.93E-08	2.24E-08	2.03E-08	9.25E-09	4.20E-09	3.69E-10	8.92E-09	1.97E-09	3.04E-09	4.82E-09	8.49E-10	2.20E-09	2.22E-08
5583	475935.73	3849165.89	3.23E-05	3.74E-05	1.70E-05	1.12E-08	3.38E-08	1.96E-08	2.26E-08	2.05E-08	9.37E-09	4.25E-09	3.74E-10	9.03E-09	1.99E-09	3.07E-09	4.88E-09	8.59E-10	2.23E-09	2.24E-08
5584	476027.71	3849180.27	3.26E-05	3.77E-05	1.71E-05	1.13E-08	3.41E-08	1.97E-08	2.28E-08	2.07E-08	9.44E-09	4.29E-09	3.77E-10	9.11E-09	2.01E-09	3.10E-09	4.92E-09	8.66E-10	2.25E-09	2.26E-08
5585	476119.68	3849194.64	3.25E-05	3.75E-05	1.70E-05	1.13E-08	3.40E-08	1.97E-08	2.27E-08	2.06E-08	9.41E-09	4.27E-09	3.76E-10	9.08E-09	2.00E-09	3.09E-09	4.90E-09	8.63E-10	2.24E-09	2.25E-08
5586	476211.65	3849209.01	3.25E-05	3.76E-05	1.71E-05	1.13E-08	3.41E-08	1.97E-08	2.28E-08	2.07E-08	9.43E-09	4.28E-09	3.77E-10	9.10E-09	2.01E-09	3.10E-09	4.91E-09	8.65E-10	2.25E-09	2.26E-08
5587	476497.81	3849283.9	3.31E-05	3.83E-05	1.74E-05	1.15E-08	3.46E-08	2.00E-08	2.32E-08	2.10E-08	9.59E-09	4.35E-09	3.83E-10	9.25E-09	2.04E-09	3.15E-09	4.99E-09	8.80E-10	2.28E-09	2.30E-08
5588	476603.73	3849323.77	3.34E-05	3.87E-05	1.75E-05	1.16E-08	3.50E-08	2.03E-08	2.34E-08	2.12E-08	9.69E-09	4.40E-09	3.87E-10	9.35E-09	2.06E-09	3.18E-09	5.04E-09	8.89E-10	2.31E-09	2.32E-08
5589	476728.99	3849382.76	3.39E-05	3.92E-05	1.78E-05	1.18E-08	3.55E-08	2.05E-08	2.38E-08	2.15E-08	9.83E-09	4.46E-09	3.92E-10	9.48E-09	2.09E-09	3.23E-09	5.12E-09	9.02E-10	2.34E-09	2.35E-08
5590	476801.27	3849418.65	3.42E-05	3.96E-05	1.80E-05	1.19E-08	3.58E-08	2.07E-08	2.40E-08	2.17E-08	9.91E-09	4.50E-09	3.96E-10	9.56E-09	2.11E-09	3.25E-09	5.16E-09	9.10E-10	2.36E-09	2.38E-08
5591	476956.2	3849495.05	3.49E-05	4.03E-05	1.83E-05	1.21E-08	3.65E-08	2.11E-08	2.44E-08	2.21E-08	1.01E-08	4.59E-09	4.04E-10	9.75E-09	2.15E-09	3.32E-09	5.26E-09	9.27E-10	2.41E-09	2.42E-08
5592	477038.84	3849535.56	3.51E-05	4.06E-05	1.84E-05	1.22E-08	3.68E-08	2.13E-08	2.46E-08	2.23E-08	1.02E-08	4.62E-09	4.07E-10	9.82E-09	2.17E-09	3.34E-09	5.30E-09	9.34E-10	2.42E-09	2.44E-08
5593	477121.49	3849576.08	3.55E-05	4.10E-05	1.86E-05	1.23E-08	3.71E-08	2.15E-08	2.48E-08	2.25E-08	1.03E-08	4.66E-09	4.10E-10	9.91E-09	2.19E-09	3.37E-09	5.35E-09	9.43E-10	2.45E-09	2.46E-08
5594	477204.13	3849616.6	3.58E-05	4.14E-05	1.88E-05	1.24E-08	3.74E-08	2.17E-08	2.51E-08	2.27E-08	1.04E-08	4.70E-09	4.14E-10	1.00E-08	2.21E-09	3.40E-09	5.40E-09	9.51E-10	2.47E-09	2.48E-08
5595	477286.78	3849657.12	3.59E-05	4.15E-05	1.88E-05	1.24E-08	3.75E-08	2.17E-08	2.51E-08	2.28E-08	1.04E-08	4.72E-09	4.15E-10	1.00E-08	2.21E-09	3.41E-09	5.41E-09	9.54E-10	2.48E-09	2.49E-08
5596	477369.42	3849697.63	3.64E-05	4.21E-05	1.91E-05	1.26E-08	3.81E-08	2.20E-08	2.55E-08	2.31E-08	1.05E-08	4.78E-09	4.21E-10	1.02E-08	2.24E-09	3.46E-09	5.49E-09	9.68E-10	2.51E-09	2.53E-08
5597	477452.07	3849738.15	3.66E-05	4.24E-05	1.92E-05	1.27E-08	3.83E-08	2.22E-08	2.57E-08	2.33E-08	1.06E-08	4.82E-09	4.24E-10	1.02E-08	2.26E-09	3.49E-09	5.53E-09	9.75E-10	2.53E-09	2.55E-08
5598	477534.71	3849778.67	3.71E-05	4.29E-05	1.94E-05	1.28E-08	3.88E-08	2.24E-08	2.60E-08	2.35E-08	1.07E-08	4.87E-09	4.29E-10	1.04E-08	2.29E-09	3.52E-09	5.59E-09	9.86E-10	2.56E-09	2.57E-08
5599	477617.36	3849819.18	3.73E-05	4.32E-05	1.96E-05	1.29E-08	3.90E-08	2.26E-08	2.61E-08	2.37E-08	1.08E-08	4.91E-09	4.32E-10	1.04E-08	2.30E-09	3.55E-09	5.63E-09	9.92E-10	2.57E-09	2.59E-08
5600	477824.74	3849896.37	3.78E-05	4.37E-05	1.98E-05	1.31E-08	3.95E-08	2.29E-08	2.65E-08	2.40E-08	1.09E-08	4.96E-09	4.37E-10	1.06E-08	2.33E-09	3.59E-09	5.70E-09	1.00E-09	2.61E-09	2.62E-08
5601	477906.31	3849936.37	3.78E-05	4.38E-05	1.99E-05	1.31E-08	3.96E-08	2.29E-08	2.65E-08	2.40E-08	1.10E-08	4.97E-09	4.38E-10	1.06E-08	2.33E-09	3.60E-09	5.71E-09	1.01E-09	2.61E-09	2.63E-08
5602	477987.89	3849976.36	3.82E-05	4.42E-05	2.00E-05	1.32E-08	4.00E-08	2.31E-08	2.68E-08	2.43E-08	1.11E-08	5.02E-09	4.42E-10	1.07E-08	2.36E-09	3.63E-09	5.77E-09	1.02E-09	2.64E-09	2.65E-08
5603	478069.47	3850016.36	3.83E-05	4.43E-05	2.01E-05	1.33E-08	4.01E-08	2.32E-08	2.68E-08	2.43E-08	1.11E-08	5.04E-09	4.43E-10	1.07E-08	2.36E-09	3.65E-09	5.78E-09	1.02E-09	2.64E-09	2.66E-08
5604	478151.04	3850056.35	3.84E-05	4.45E-05	2.02E-05	1.33E-08	4.02E-08	2.33E-08	2.69E-08	2.44E-08	1.11E-08	5.05E-09	4.45E-10	1.07E-08	2.37E-09	3.66E-09	5.80E-09	1.02E-09	2.65E-09	2.67E-08
5605	478232.62	3850096.35	3.87E-05	4.48E-05	2.03E-05	1.34E-08	4.05E-08	2.34E-08	2.71E-08	2.46E-08	1.12E-08	5.09E-09	4.48E-10	1.08E-08	2.39E-09	3.68E-09	5.84E-09	1.03E-09	2.67E-09	2.69E-08
5606	478314.2	3850136.34	3.90E-05	4.51E-05	2.05E-05	1.35E-08	4.08E-08	2.36E-08	2.73E-08	2.48E-08	1.13E-08	5.13E-09	4.52E-10	1.09E-08	2.41E-09	3.71E-09	5.89E-09	1.04E-09	2.69E-09	2.71E-08
5607	478395.77	3850176.34	3.94E-05	4.56E-05	2.07E-05	1.37E-08	4.12E-08	2.39E-08	2.76E-08	2.50E-08	1.14E-08	5.18E-09	4.56E-10	1.10E-08	2.43E-09	3.75E-09	5.95E-09	1.05E-09	2.72E-09	2.74E-08
5608	478575.43	3850244.45	4.00E-05	4.62E-05	2.10E-05	1.38E-08	4.18E-08	2.42E-08	2.80E-08	2.54E-08	1.16E-08	5.25E-09	4.62E-10	1.12E-08	2.46E-09	3.80E-09	6.03E-09	1.06E-09	2.76E-09	2.77E-08
5609	478665.06	3850287.29	4.04E-05	4.68E-05	2.12E-05	1.40E-08	4.23E-08	2.45E-08	2.83E-08	2.57E-08	1.17E-08	5.32E-09	4.68E-10	1.13E-08	2.49E-09	3.85E-09	6.10E-09	1.08E-09	2.79E-09	2.81E-08
5610	478754.69	3850330.14	4.11E-05	4.75E-05	2.15E-05	1.42E-08	4.30E-08	2.49E-08	2.88E-08	2.61E-08	1.19E-08	5.40E-09	4.75E-10	1.15E-08	2.53E-09	3.91E-09	6.20E-09	1.09E-09	2.83E-09	2.85E-08

5611	478844.32	3850372.99	4.18E-05	4.84E-05	2.19E-05	1.45E-08	4.37E-08	2.53E-08	2.93E-08	2.66E-08	1.21E-08	5.49E-09	4.84E-10	1.17E-08	2.58E-09	3.98E-09	6.31E-09	1.11E-09	2.88E-09	2.90E-08
5612	478933.95	3850415.84	4.35E-05	5.04E-05	2.28E-05	1.51E-08	4.56E-08	2.64E-08	3.05E-08	2.77E-08	1.26E-08	5.72E-09	5.04E-10	1.22E-08	2.69E-09	4.14E-09	6.57E-09	1.16E-09	3.00E-09	3.02E-08
5613	479023.58	3850458.68	4.34E-05	5.02E-05	2.28E-05	1.50E-08	4.54E-08	2.63E-08	3.04E-08	2.76E-08	1.26E-08	5.71E-09	5.03E-10	1.21E-08	2.68E-09	4.13E-09	6.55E-09	1.16E-09	2.99E-09	3.02E-08
5614	479110.66	3850441.91	4.49E-05	5.19E-05	2.35E-05	1.56E-08	4.70E-08	2.72E-08	3.15E-08	2.85E-08	1.30E-08	5.90E-09	5.20E-10	1.26E-08	2.77E-09	4.27E-09	6.78E-09	1.19E-09	3.10E-09	3.12E-08
5615	479191.22	3850423.99	4.59E-05	5.31E-05	2.41E-05	1.59E-08	4.81E-08	2.78E-08	3.22E-08	2.92E-08	1.33E-08	6.03E-09	5.31E-10	1.28E-08	2.83E-09	4.37E-09	6.93E-09	1.22E-09	3.17E-09	3.19E-08
5616	479274.32	3850465.71	4.70E-05	5.44E-05	2.47E-05	1.63E-08	4.92E-08	2.85E-08	3.30E-08	2.99E-08	1.36E-08	6.18E-09	5.44E-10	1.31E-08	2.90E-09	4.47E-09	7.10E-09	1.25E-09	3.24E-09	3.27E-08
5617	479357.43	3850507.42	4.83E-05	5.58E-05	2.53E-05	1.67E-08	5.05E-08	2.92E-08	3.38E-08	3.07E-08	1.40E-08	6.34E-09	5.58E-10	1.35E-08	2.98E-09	4.59E-09	7.28E-09	1.28E-09	3.32E-09	3.35E-08
5618	479440.53	3850549.14	4.84E-05	5.59E-05	2.53E-05	1.68E-08	5.06E-08	2.93E-08	3.39E-08	3.07E-08	1.40E-08	6.35E-09	5.60E-10	1.35E-08	2.98E-09	4.60E-09	7.30E-09	1.29E-09	3.33E-09	3.36E-08
5619	479523.64	3850590.85	4.96E-05	5.74E-05	2.60E-05	1.72E-08	5.19E-08	3.01E-08	3.48E-08	3.15E-08	1.44E-08	6.51E-09	5.74E-10	1.39E-08	3.06E-09	4.72E-09	7.49E-09	1.32E-09	3.42E-09	3.45E-08
5620	479606.74	3850632.57	5.12E-05	5.93E-05	2.68E-05	1.78E-08	5.36E-08	3.10E-08	3.59E-08	3.26E-08	1.49E-08	6.73E-09	5.93E-10	1.43E-08	3.16E-09	4.88E-09	7.73E-09	1.36E-09	3.53E-09	3.56E-08
5621	479777.37	3850707.61	5.51E-05	6.38E-05	2.89E-05	1.91E-08	5.77E-08	3.34E-08	3.86E-08	3.50E-08	1.60E-08	7.23E-09	6.38E-10	1.54E-08	3.40E-09	5.25E-09	8.32E-09	1.47E-09	3.80E-09	3.83E-08
5622	479864.9	3850740.95	5.77E-05	6.68E-05	3.02E-05	2.00E-08	6.04E-08	3.50E-08	4.05E-08	3.67E-08	1.67E-08	7.57E-09	6.68E-10	1.61E-08	3.56E-09	5.49E-09	8.71E-09	1.54E-09	3.97E-09	4.01E-08
5623	479931.87	3850829.57	5.85E-05	6.76E-05	3.06E-05	2.03E-08	6.12E-08	3.54E-08	4.10E-08	3.71E-08	1.69E-08	7.67E-09	6.77E-10	1.63E-08	3.61E-09	5.56E-09	8.82E-09	1.56E-09	4.02E-09	4.06E-08
5624	479995.55	3850926.75	5.96E-05	6.90E-05	3.12E-05	2.07E-08	6.24E-08	3.61E-08	4.18E-08	3.79E-08	1.73E-08	7.82E-09	6.90E-10	1.67E-08	3.68E-09	5.68E-09	9.00E-09	1.59E-09	4.10E-09	4.14E-08
5625	480079.78	3850968.64	6.18E-05	7.15E-05	3.23E-05	2.14E-08	6.47E-08	3.74E-08	4.33E-08	3.93E-08	1.79E-08	8.10E-09	7.15E-10	1.73E-08	3.81E-09	5.88E-09	9.33E-09	1.64E-09	4.25E-09	4.29E-08
5626	480164.01	3851010.54	6.41E-05	7.42E-05	3.35E-05	2.22E-08	6.71E-08	3.88E-08	4.49E-08	4.07E-08	1.86E-08	8.40E-09	7.42E-10	1.79E-08	3.95E-09	6.10E-09	9.68E-09	1.71E-09	4.41E-09	4.45E-08
5627	480248.23	3851052.43	6.65E-05	7.69E-05	3.48E-05	2.30E-08	6.96E-08	4.03E-08	4.66E-08	4.22E-08	1.93E-08	8.71E-09	7.69E-10	1.86E-08	4.10E-09	6.33E-09	1.00E-08	1.77E-09	4.57E-09	4.62E-08
5628	480332.46	3851094.33	6.90E-05	7.98E-05	3.61E-05	2.39E-08	7.22E-08	4.18E-08	4.84E-08	4.38E-08	2.00E-08	9.04E-09	7.98E-10	1.93E-08	4.26E-09	6.57E-09	1.04E-08	1.84E-09	4.74E-09	4.79E-08
5629	480416.69	3851136.22	7.17E-05	8.29E-05	3.75E-05	2.48E-08	7.50E-08	4.34E-08	5.02E-08	4.55E-08	2.08E-08	9.39E-09	8.30E-10	2.00E-08	4.42E-09	6.82E-09	1.08E-08	1.91E-09	4.93E-09	4.98E-08
5630	480579.95	3851215.17	7.72E-05	8.94E-05	4.04E-05	2.68E-08	8.08E-08	4.68E-08	5.41E-08	4.91E-08	2.24E-08	1.01E-08	8.94E-10	2.16E-08	4.76E-09	7.35E-09	1.17E-08	2.06E-09	5.31E-09	5.36E-08
5631	480658.98	3851252.22	8.00E-05	9.26E-05	4.18E-05	2.77E-08	8.38E-08	4.85E-08	5.61E-08	5.09E-08	2.32E-08	1.05E-08	9.26E-10	2.24E-08	4.94E-09	7.62E-09	1.21E-08	2.13E-09	5.50E-09	5.56E-08
5632	480817.36	3851327.85	8.57E-05	9.92E-05	4.48E-05	2.97E-08	8.97E-08	5.19E-08	6.01E-08	5.45E-08	2.49E-08	1.12E-08	9.92E-10	2.40E-08	5.29E-09	8.16E-09	1.29E-08	2.28E-09	5.89E-09	5.95E-08
5633	480896.72	3851366.43	8.86E-05	1.03E-04	4.63E-05	3.07E-08	9.27E-08	5.37E-08	6.21E-08	5.63E-08	2.57E-08	1.16E-08	1.03E-09	2.48E-08	5.47E-09	8.44E-09	1.34E-08	2.36E-09	6.09E-09	6.15E-08
5634	480976.07	3851405	9.15E-05	1.06E-04	4.78E-05	3.17E-08	9.57E-08	5.54E-08	6.41E-08	5.81E-08	2.65E-08	1.20E-08	1.06E-09	2.56E-08	5.64E-09	8.71E-09	1.38E-08	2.43E-09	6.28E-09	6.35E-08
5635	481178	3851487.31	9.83E-05	1.14E-04	5.13E-05	3.41E-08	1.03E-07	5.95E-08	6.89E-08	6.25E-08	2.85E-08	1.29E-08	1.14E-09	2.75E-08	6.06E-09	9.36E-09	1.48E-08	2.62E-09	6.75E-09	6.83E-08
5636	481244.9	3851557.17	1.01E-04	1.16E-04	5.25E-05	3.49E-08	1.05E-07	6.09E-08	7.05E-08	6.39E-08	2.92E-08	1.32E-08	1.16E-09	2.81E-08	6.20E-09	9.58E-09	1.52E-08	2.68E-09	6.91E-09	6.98E-08
5637	481311.81	3851627.03	1.03E-04	1.19E-04	5.38E-05	3.57E-08	1.08E-07	6.24E-08	7.22E-08	6.55E-08	2.99E-08	1.35E-08	1.19E-09	2.88E-08	6.35E-09	9.81E-09	1.56E-08	2.74E-09	7.07E-09	7.15E-08
5638	481378.71	3851696.89	1.06E-04	1.22E-04	5.51E-05	3.66E-08	1.10E-07	6.40E-08	7.40E-08	6.71E-08	3.06E-08	1.38E-08	1.22E-09	2.95E-08	6.51E-09	1.01E-08	1.59E-08	2.81E-09	7.25E-09	7.33E-08
5639	481445.61	3851766.76	1.08E-04	1.25E-04	5.65E-05	3.75E-08	1.13E-07	6.55E-08	7.59E-08	6.88E-08	3.14E-08	1.42E-08	1.25E-09	3.02E-08	6.67E-09	1.03E-08	1.63E-08	2.88E-09	7.43E-09	7.51E-08
5640	481512.51	3851836.62	1.11E-04	1.29E-04	5.80E-05	3.85E-08	1.16E-07	6.73E-08	7.78E-08	7.06E-08	3.22E-08	1.45E-08	1.28E-09	3.10E-08	6.85E-09	1.06E-08	1.68E-08	2.96E-09	7.62E-09	7.71E-08
5641	481579.42	3851906.48	1.14E-04	1.32E-04	5.95E-05	3.95E-08	1.19E-07	6.90E-08	7.99E-08	7.24E-08	3.30E-08	1.49E-08	1.32E-09	3.19E-08	7.03E-09	1.08E-08	1.72E-08	3.03E-09	7.82E-09	7.91E-08
5642	481646.32	3851976.34	1.17E-04	1.35E-04	6.11E-05	4.05E-08	1.22E-07	7.09E-08	8.20E-08	7.44E-08	3.39E-08	1.53E-08	1.35E-09	3.27E-08	7.22E-09	1.11E-08	1.77E-08	3.11E-09	8.03E-09	8.12E-08
5643	481713.22	3852046.2	1.20E-04	1.39E-04	6.28E-05	4.17E-08	1.26E-07	7.29E-08	8.44E-08	7.65E-08	3.49E-08	1.57E-08	1.39E-09	3.37E-08	7.43E-09	1.15E-08	1.82E-08	3.20E-09	8.26E-09	8.36E-08
5644	481780.12	3852116.06	1.24E-04	1.43E-04	6.45E-05	4.28E-08	1.29E-07	7.49E-08	8.67E-08	7.86E-08	3.59E-08	1.62E-08	1.43E-09	3.46E-08	7.63E-09	1.18E-08	1.87E-08	3.29E-09	8.49E-09	8.58E-08
5645	481847.03	3852185.92	1.27E-04	1.47E-04	6.62E-05	4.40E-08	1.33E-07	7.69E-08	8.90E-08	8.07E-08	3.68E-08	1.66E-08	1.47E-09	3.55E-08	7.83E-09	1.21E-08	1.92E-08	3.38E-09	8.71E-09	8.81E-08
5646	481913.93	3852255.78	1.30E-04	1.51E-04	6.80E-05	4.51E-08	1.36E-07	7.89E-08	9.13E-08	8.28E-08	3.78E-08	1.70E-08	1.51E-09	3.64E-08	8.03E-09	1.24E-08	1.97E-08	3.47E-09	8.94E-09	9.04E-08
5647	481980.83	3852325.65	1.34E-04	1.55E-04	6.97E-05	4.63E-08	1.40E-07	8.09E-08	9.36E-08	8.49E-08	3.87E-08	1.75E-08	1.55E-09	3.73E-08	8.24E-09	1.27E-08	2.02E-08	3.55E-09	9.16E-09	9.27E-08
5648	482047.73	3852395.51	1.37E-04	1.59E-04	7.16E-05	4.76E-08	1.44E-07	8.32E-08	9.63E-08	8.73E-08	3.98E-08	1.80E-08	1.59E-09	3.84E-08	8.47E-09	1.31E-08	2.07E-08	3.65E-09	9.42E-09	9.53E-08
5649	482114.64	3852465.37	1.41E-04	1.63E-04	7.35E-05	4.88E-08	1.47E-07	8.53E-08	9.88E-08	8.95E-08	4.09E-08	1.84E-08	1.63E-09	3.94E-08	8.69E-09	1.34E-08	2.13E-08	3.75E-09	9.67E-09	9.78E-08
5650	482181.54	3852535.23	1.45E-04	1.68E-04	7.59E-05	5.04E-08	1.52E-07	8.81E-08	1.02E-07	9.24E-08	4.22E-08	1.90E-08	1.68E-09	4.06E-08	8.97E-09	1.38E-08	2.20E-08	3.87E-09	9.98E-09	1.01E-07
5651	482338.69	3852700.05	1.56E-04	1.81E-04	8.15E-05	5.41E-08	1.63E-07	9.46E-08	1.10E-07	9.93E-08	4.53E-08	2.04E-08	1.81E-09	4.37E-08	9.64E-09	1.49E-08	2.36E-08	4.16E-09	1.07E-08	1.08E-07
5652	482404.05	3852767.78	1.61E-04	1.87E-04	8.41E-05	5.59E-08	1.69E-07	9.77E-08	1.13E-07	1.02E-07	4.68E-08	2.11E-08	1.87E-09	4.51E-08	9.95E-09	1.54E-08	2.44E-08	4.29E-09	1.11E-08	1.12E-07
5653	482469.4	3852835.52	1.67E-04	1.93E-04	8.69E-05	5.77E-08	1.74E-07	1.01E-07	1.17E-07	1.06E-07	4.83E-08	2.18E-08	1.93E-09	4.65E-08	1.03E-08	1.59E-08	2.51E-08	4.43E-09	1.14E-08	1.16E-07
5654	482534.75	3852903.25	1.73E-04	2.00E-04	9.00E-05	5.98E-08	1.81E-07	1.05E-07	1.21E-07	1.10E-07	5.00E-08	2.26E-08	2.00E-09	4.82E-08	1.06E-08	1.64E-08	2.61E-08	4.59E-09	1.18E-08	1.20E-07
5655	482600.11	3852970.99	1.79E-04	2.07E-04	9.31E-05	6.19E-08	1.87E-07	1.08E-07	1.25E-07	1.13E-07	5.18E-08	2.33E-08	2.07E-09	4.99E-08	1.10E-08	1.70E-08	2.70E-08	4.75E-09	1.22E-08	1.24E-07
5656	482706.71	3853119.28	1.90E-04	2.20E-04	9.92E-05	6.59E-08	1.99E-07	1.15E-07	1.33E-07	1.21E-07	5.52E-08	2.49E-08	2.20E-09	5.32E-08	1.17E-08	1.81E-08	2.87E-08	5.06E-09	1.30E-08	1.32E-07
5657	482747.96	3853199.84	1.94E-04	2.25E-04	1.01E-04	6.73E-08	2.03E-07	1.18E-07	1.36E-07	1.23E-07	5.63E-08	2.54E-08	2.25E-09	5.43E-08	1.20E-08	1.85E-08	2.93E-08	5.17E-09	1.33E-08	1.35E-07
5658	482789.21	3853280.4	1.97E-04	2.29E-04	1.03E-04	6.84E-08	2.07E-07	1.20E-07	1.38E-07	1.26E-07	5.73E-08	2.58E-08	2.29E-09	5.52E-08	1.22E-08	1.88E-08	2.98E-08	5.26E-09	1.35E-08	1.37E-07
5659	482830.46	3853360.96	2.01E-04	2.33E-04	1.05E-04	6.97E-08	2.10E-07	1.22E-07	1.41E-07	1.28E-07	5.83E-08	2.63E-08	2.33E-09	5.62E-08	1.24E-08	1.91E-08	3.04E-08	5.35E-09	1.38E-08	1.40E-07
5660	482871.71	3853441.52	2.05E-04	2.37E-04	1.07E-04	7.09E-08	2.14E-07	1.24E-07	1.43E-07	1.30E-07	5.93E-08	2.68E-08	2.37E-09	5.72E-08	1.26E-08	1.95E-08	3.09E-08	5.45E-09	1.40E-08	1.42E-07
5661	482912.95	3853522.07	2.10E-04	2.43E-04	1.09E-04	7.26E-08	2.19E-07	1.27E-07	1.47E-07	1.33E-07	6.08E-08	2.74E-08	2.43E-09	5.86E-08	1.29E-08	2.00E-08	3.17E-08	5.58E-09	1.44E-08	1.45E-07
5662	482954.2	3853602.63	2.15E-04	2.49E-04	1.12E-04	7.45E-08	2.25E-07	1.30E-07	1.51E-07	1.37E-07	6.24E-08	2.81E-08	2.49E-09	6.01E-08	1.33E-08	2.05E-08	3.25E-08	5.72E-09	1.48E-08	1.49E-07
5663	482995.45	3853683.19	2.22E-04	2.57E-04	1.16E-04	7.69E-08	2.32E-07	1.34E-07	1.56E-07	1.41E-07	6.43E-08	2.90E-08	2.57E-09	6.20E-08	1.37E-08	2.11E-08	3.35E-08	5.90E-09	1.52E-08	1.54E-07

5664	483036.7	3853763.75	2.30E-04	2.66E-04	1.20E-04	7.97E-08	2.41E-07	1.39E-07	1.61E-07	1.46E-07	6.67E-08	3.01E-08	2.66E-09	6.43E-08	1.42E-08	2.19E-08	3.47E-08	6.12E-09	1.58E-08	1.60E-07
5665	483214.2	3853909.91	2.71E-04	3.13E-04	1.41E-04	9.38E-08	2.83E-07	1.64E-07	1.90E-07	1.72E-07	7.85E-08	3.54E-08	3.13E-09	7.56E-08	1.67E-08	2.58E-08	4.09E-08	7.20E-09	1.86E-08	1.88E-07
5666	483307.01	3853910.44	2.92E-04	3.38E-04	1.52E-04	1.01E-07	3.06E-07	1.77E-07	2.05E-07	1.86E-07	8.48E-08	3.82E-08	3.38E-09	8.17E-08	1.80E-08	2.78E-08	4.41E-08	7.78E-09	2.00E-08	2.03E-07
5667	483399.83	3853910.96	3.18E-04	3.68E-04	1.66E-04	1.10E-07	3.32E-07	1.92E-07	2.23E-07	2.02E-07	9.21E-08	4.15E-08	3.68E-09	8.88E-08	1.96E-08	3.02E-08	4.80E-08	8.46E-09	2.18E-08	2.21E-07
5668	483494.52	3854009.24	3.46E-04	4.01E-04	1.81E-04	1.20E-07	3.62E-07	2.10E-07	2.43E-07	2.20E-07	1.00E-07	4.52E-08	4.01E-09	9.68E-08	2.14E-08	3.30E-08	5.23E-08	9.22E-09	2.37E-08	2.40E-07
5669	483496.41	3854106.98	3.50E-04	4.05E-04	1.82E-04	1.21E-07	3.66E-07	2.12E-07	2.45E-07	2.22E-07	1.01E-07	4.57E-08	4.05E-09	9.77E-08	2.16E-08	3.33E-08	5.28E-08	9.31E-09	2.40E-08	2.43E-07
5670	483577.56	3854261.96	3.90E-04	4.51E-04	2.03E-04	1.35E-07	4.08E-07	2.36E-07	2.73E-07	2.48E-07	1.13E-07	5.09E-08	4.51E-09	1.09E-07	2.40E-08	3.71E-08	5.89E-08	1.04E-08	2.67E-08	2.71E-07
5671	483656.83	3854319.19	4.16E-04	4.81E-04	2.17E-04	1.44E-07	4.35E-07	2.52E-07	2.92E-07	2.64E-07	1.21E-07	5.44E-08	4.81E-09	1.16E-07	2.56E-08	3.96E-08	6.28E-08	1.11E-08	2.85E-08	2.89E-07
5672	483736.1	3854376.41	4.45E-04	5.15E-04	2.32E-04	1.54E-07	4.66E-07	2.70E-07	3.12E-07	2.83E-07	1.29E-07	5.82E-08	5.15E-09	1.24E-07	2.74E-08	4.24E-08	6.72E-08	1.18E-08	3.05E-08	3.09E-07
5673	483815.37	3854433.64	4.74E-04	5.48E-04	2.48E-04	1.64E-07	4.96E-07	2.87E-07	3.32E-07	3.01E-07	1.37E-07	6.20E-08	5.48E-09	1.32E-07	2.92E-08	4.51E-08	7.16E-08	1.26E-08	3.26E-08	3.29E-07
5674	483894.63	3854490.87	4.97E-04	5.75E-04	2.60E-04	1.72E-07	5.20E-07	3.01E-07	3.48E-07	3.16E-07	1.44E-07	6.51E-08	5.75E-09	1.39E-07	3.07E-08	4.73E-08	7.51E-08	1.32E-08	3.42E-08	3.45E-07
5675	483973.9	3854548.1	5.14E-04	5.95E-04	2.69E-04	1.78E-07	5.38E-07	3.12E-07	3.61E-07	3.27E-07	1.49E-07	6.74E-08	5.95E-09	1.44E-07	3.17E-08	4.89E-08	7.76E-08	1.37E-08	3.54E-08	3.57E-07
5676	484053.17	3854605.32	5.41E-04	6.26E-04	2.83E-04	1.87E-07	5.66E-07	3.28E-07	3.79E-07	3.44E-07	1.57E-07	7.09E-08	6.26E-09	1.51E-07	3.34E-08	5.15E-08	8.17E-08	1.44E-08	3.72E-08	3.76E-07
5677	484214.97	3854698.15	6.19E-04	7.17E-04	3.24E-04	2.15E-07	6.48E-07	3.75E-07	4.34E-07	3.94E-07	1.80E-07	8.11E-08	7.17E-09	1.73E-07	3.82E-08	5.89E-08	9.35E-08	1.65E-08	4.26E-08	4.30E-07
5678	484297.5	3854733.74	7.00E-04	8.10E-04	3.66E-04	2.42E-07	7.32E-07	4.24E-07	4.91E-07	4.45E-07	2.03E-07	9.16E-08	8.10E-09	1.96E-07	4.32E-08	6.66E-08	1.06E-07	1.86E-08	4.81E-08	4.86E-07
5679	484380.03	3854769.34	7.52E-04	8.70E-04	3.93E-04	2.61E-07	7.87E-07	4.56E-07	5.27E-07	4.78E-07	2.18E-07	9.84E-08	8.70E-09	2.10E-07	4.64E-08	7.16E-08	1.14E-07	2.00E-08	5.16E-08	5.22E-07
5680	484462.56	3854804.94	8.47E-04	9.80E-04	4.42E-04	2.94E-07	8.86E-07	5.13E-07	5.94E-07	5.38E-07	2.46E-07	1.11E-07	9.80E-09	2.37E-07	5.22E-08	8.06E-08	1.28E-07	2.25E-08	5.81E-08	5.88E-07
5681	484545.09	3854840.53	9.08E-04	1.05E-03	4.74E-04	3.15E-07	9.50E-07	5.50E-07	6.37E-07	5.77E-07	2.63E-07	1.19E-07	1.05E-08	2.54E-07	5.60E-08	8.65E-08	1.37E-07	2.42E-08	6.23E-08	6.30E-07
5682	484691.88	3854912.59	1.19E-03	1.38E-03	6.19E-04	4.12E-07	1.24E-06	7.20E-07	8.34E-07	7.56E-07	3.45E-07	1.55E-07	1.38E-08	3.32E-07	7.33E-08	1.13E-07	1.80E-07	3.16E-08	8.14E-08	8.25E-07
5683	484830.81	3855012.51	2.51E-03	2.90E-03	1.30E-03	8.68E-07	2.62E-06	1.52E-06	1.76E-06	1.59E-06	7.27E-07	3.27E-07	2.90E-08	7.00E-07	1.55E-07	2.39E-07	3.79E-07	6.67E-08	1.71E-07	1.74E-06
5684	484905.48	3855075.97	6.24E-03	7.23E-03	3.24E-03	2.16E-06	6.53E-06	3.78E-06	4.38E-06	3.97E-06	1.81E-06	8.12E-07	7.22E-08	1.74E-06	3.85E-07	5.94E-07	9.43E-07	1.66E-07	4.26E-07	4.33E-06
5685	484980.14	3855139.44	9.84E-03	1.14E-02	5.11E-03	3.41E-06	1.03E-05	5.96E-06	6.90E-06	6.26E-06	2.86E-06	1.28E-06	1.14E-07	2.75E-06	6.07E-07	9.37E-07	1.49E-06	2.62E-07	6.72E-07	6.83E-06
5686	485054.81	3855202.91	1.22E-02	1.41E-02	6.32E-03	4.21E-06	1.27E-05	7.36E-06	8.53E-06	7.73E-06	3.53E-06	1.58E-06	1.41E-07	3.40E-06	7.50E-07	1.16E-06	1.84E-06	3.24E-07	8.31E-07	8.44E-06
5687	485129.48	3855266.37	1.29E-02	1.49E-02	6.68E-03	4.45E-06	1.34E-05	7.78E-06	9.02E-06	8.17E-06	3.73E-06	1.67E-06	1.49E-07	3.59E-06	7.93E-07	1.22E-06	1.94E-06	3.42E-07	8.78E-07	8.92E-06
5688	485204.15	3855329.84	1.48E-02	1.71E-02	7.68E-03	5.12E-06	1.55E-05	8.95E-06	1.04E-05	9.40E-06	4.29E-06	1.92E-06	1.71E-07	4.13E-06	9.11E-07	1.41E-06	2.23E-06	3.94E-07	1.01E-06	1.03E-05
5689	485278.82	3855393.31	1.55E-02	1.80E-02	8.06E-03	5.37E-06	1.62E-05	9.39E-06	1.09E-05	9.86E-06	4.50E-06	2.02E-06	1.79E-07	4.33E-06	9.56E-07	1.48E-06	2.34E-06	4.13E-07	1.06E-06	1.08E-05
5690	485353.48	3855456.77	1.66E-02	1.92E-02	8.61E-03	5.74E-06	1.73E-05	1.00E-05	1.16E-05	1.05E-05	4.81E-06	2.16E-06	1.92E-07	4.63E-06	1.02E-06	1.58E-06	2.50E-06	4.41E-07	1.13E-06	1.15E-05
5691	485428.15	3855520.24	1.69E-02	1.96E-02	8.81E-03	5.87E-06	1.77E-05	1.03E-05	1.19E-05	1.08E-05	4.92E-06	2.21E-06	1.96E-07	4.74E-06	1.05E-06	1.61E-06	2.56E-06	4.51E-07	1.16E-06	1.18E-05
5692	485502.82	3855583.71	1.74E-02	2.01E-02	9.02E-03	6.02E-06	1.82E-05	1.05E-05	1.22E-05	1.10E-05	5.04E-06	2.26E-06	2.01E-07	4.85E-06	1.07E-06	1.65E-06	2.62E-06	4.62E-07	1.19E-06	1.21E-05
5693	485577.49	3855647.17	1.85E-02	2.14E-02	9.60E-03	6.40E-06	1.93E-05	1.12E-05	1.30E-05	1.18E-05	5.36E-06	2.41E-06	2.14E-07	5.17E-06	1.14E-06	1.76E-06	2.79E-06	4.92E-07	1.26E-06	1.28E-05
5694	485652.16	3855710.64	1.95E-02	2.25E-02	1.01E-02	6.74E-06	2.04E-05	1.18E-05	1.36E-05	1.24E-05	5.64E-06	2.53E-06	2.25E-07	5.44E-06	1.20E-06	1.85E-06	2.94E-06	5.18E-07	1.33E-06	1.35E-05
5695	485726.83	3855774.11	2.00E-02	2.32E-02	1.04E-02	6.94E-06	2.10E-05	1.21E-05	1.40E-05	1.27E-05	5.81E-06	2.61E-06	2.32E-07	5.60E-06	1.24E-06	1.91E-06	3.03E-06	5.33E-07	1.37E-06	1.39E-05
5696	485801.49	3855837.57	1.96E-02	2.27E-02	1.02E-02	6.78E-06	2.05E-05	1.18E-05	1.37E-05	1.24E-05	5.68E-06	2.55E-06	2.26E-07	5.47E-06	1.21E-06	1.86E-06	2.96E-06	5.21E-07	1.34E-06	1.36E-05
5697	485876.16	3855901.04	2.00E-02	2.32E-02	1.04E-02	6.95E-06	2.10E-05	1.21E-05	1.41E-05	1.27E-05	5.82E-06	2.61E-06	2.32E-07	5.60E-06	1.24E-06	1.91E-06	3.03E-06	5.34E-07	1.37E-06	1.39E-05
5698	485950.83	3855964.5	1.96E-02	2.27E-02	1.02E-02	6.79E-06	2.05E-05	1.19E-05	1.37E-05	1.25E-05	5.69E-06	2.55E-06	2.27E-07	5.48E-06	1.21E-06	1.87E-06	2.96E-06	5.22E-07	1.34E-06	1.36E-05
5699	486025.5	3856027.97	1.91E-02	2.21E-02	9.93E-03	6.62E-06	2.00E-05	1.16E-05	1.34E-05	1.22E-05	5.55E-06	2.49E-06	2.21E-07	5.34E-06	1.18E-06	1.82E-06	2.89E-06	5.09E-07	1.31E-06	1.33E-05
5700	486100.17	3856091.44	2.02E-02	2.34E-02	1.05E-02	7.02E-06	2.12E-05	1.23E-05	1.42E-05	1.29E-05	5.87E-06	2.64E-06	2.34E-07	5.66E-06	1.25E-06	1.93E-06	3.06E-06	5.39E-07	1.38E-06	1.41E-05
5701	486174.83	3856154.9	1.94E-02	2.25E-02	1.01E-02	6.73E-06	2.03E-05	1.18E-05	1.36E-05	1.23E-05	5.63E-06	2.53E-06	2.25E-07	5.42E-06	1.20E-06	1.85E-06	2.93E-06	5.17E-07	1.33E-06	1.35E-05
5702	486249.5	3856218.37	1.77E-02	2.05E-02	9.18E-03	6.12E-06	1.85E-05	1.07E-05	1.24E-05	1.12E-05	5.13E-06	2.30E-06	2.04E-07	4.94E-06	1.09E-06	1.68E-06	2.67E-06	4.71E-07	1.21E-06	1.23E-05
5703	486324.17	3856281.84	1.62E-02	1.88E-02	8.43E-03	5.62E-06	1.70E-05	9.82E-06	1.14E-05	1.03E-05	4.71E-06	2.11E-06	1.88E-07	4.53E-06	1.00E-06	1.55E-06	2.45E-06	4.32E-07	1.11E-06	1.13E-05
5704	486398.84	3856345.3	1.66E-02	1.93E-02	8.65E-03	5.77E-06	1.74E-05	1.01E-05	1.17E-05	1.06E-05	4.83E-06	2.17E-06	1.93E-07	4.65E-06	1.03E-06	1.59E-06	2.51E-06	4.43E-07	1.14E-06	1.16E-05
5705	486473.51	3856408.77	1.66E-02	1.92E-02	8.62E-03	5.75E-06	1.74E-05	1.00E-05	1.16E-05	1.06E-05	4.81E-06	2.16E-06	1.92E-07	4.64E-06	1.02E-06	1.58E-06	2.51E-06	4.42E-07	1.13E-06	1.15E-05
5706	486548.17	3856472.24	1.71E-02	1.98E-02	8.88E-03	5.92E-06	1.79E-05	1.03E-05	1.20E-05	1.09E-05	4.96E-06	2.22E-06	1.98E-07	4.78E-06	1.05E-06	1.63E-06	2.58E-06	4.55E-07	1.17E-06	1.19E-05
5707	486622.84	3856535.7	1.76E-02	2.04E-02	9.15E-03	6.10E-06	1.84E-05	1.07E-05	1.24E-05	1.12E-05	5.11E-06	2.29E-06	2.04E-07	4.92E-06	1.09E-06	1.68E-06	2.66E-06	4.69E-07	1.20E-06	1.22E-05
5708	486765.48	3856659.69	1.90E-02	2.20E-02	9.85E-03	6.57E-06	1.98E-05	1.15E-05	1.33E-05	1.21E-05	5.50E-06	2.47E-06	2.19E-07	5.30E-06	1.17E-06	1.81E-06	2.86E-06	5.05E-07	1.30E-06	1.32E-05
5709	486833.44	3856720.2	1.96E-02	2.27E-02	1.02E-02	6.78E-06	2.05E-05	1.19E-05	1.37E-05	1.25E-05	5.68E-06	2.55E-06	2.27E-07	5.47E-06	1.21E-06	1.86E-06	2.96E-06	5.21E-07	1.34E-06	1.36E-05
5710	486901.41	3856780.72	1.99E-02	2.30E-02	1.03E-02	6.89E-06	2.08E-05	1.20E-05	1.39E-05	1.26E-05	5.77E-06	2.59E-06	2.30E-07	5.56E-06	1.23E-06	1.89E-06	3.00E-06	5.29E-07	1.36E-06	1.38E-05
5711	486969.38	3856841.24	2.00E-02	2.31E-02	1.04E-02	6.93E-06	2.09E-05	1.21E-05	1.40E-05	1.27E-05	5.80E-06	2.60E-06	2.31E-07	5.59E-06	1.23E-06	1.90E-06	3.02E-06	5.32E-07	1.37E-06	1.39E-05
5712	487037.34	3856901.75	1.99E-02	2.31E-02	1.03E-02	6.90E-06	2.08E-05	1.21E-05	1.40E-05	1.27E-05	5.78E-06	2.59E-06	2.30E-07	5.57E-06	1.23E-06	1.90E-06	3.01E-06	5.30E-07	1.36E-06	1.38E-05
5713	487271.23	3856855.51	1.13E-02	1.31E-02	5.87E-03	3.92E-06	1.18E-05	6.84E-06	7.93E-06	7.19E-06	3.28E-06	1.47E-06	1.31E-07	3.16E-06	6.97E-07	1.08E-06	1.71E-06	3.01E-07	7.72E-07	7.84E-06
5714	487368.96	3856857.29	9.84E-03	1.14E-02	5.12E-03	3.41E-06	1.03E-05	5.96E-06	6.91E-06	6.26E-06	2.86E-06	1.28E-06	1.14E-07	2.75E-06	6.07E-07	9.38E-07	1.49E-06	2.62E-07	6.73E-07	6.83E-06
5715	487466.68	3856859.06	8.65E-03	1.00E-02	4.50E-03	3.00E-06	9.05E-06	5.24E-06	6.07E-06	5.50E-06	2.51E-06	1.13E-06	1.00E-07	2.42E-06	5.34E-07	8.24E-07	1.31E-06	2.30E-07	5.91E-07	6.00E-06
5716	487636.44	3856930	7.02E-03	8.13E-03	3.65E-03	2.43E-06	7.35E-06	4.25E-06	4.93E-06	4.46E-06	2.04E-06	9.14E-07	8.12E-08	1.96E-06	4.33E-07	6.69E-07	1.06E-06	1.87E-07	4.80E-07	4.87E-06

5717	487709.57	3856928.43	6.43E-03	7.45E-03	3.34E-03	2.23E-06	6.73E-06	3.89E-06	4.51E-06	4.09E-06	1.87E-06	8.37E-07	7.44E-08	1.80E-06	3.97E-07	6.12E-07	9.71E-07	1.71E-07	4.39E-07	4.46E-06
5718	487782.55	3856841.96	6.03E-03	6.99E-03	3.14E-03	2.09E-06	6.31E-06	3.65E-06	4.23E-06	3.84E-06	1.75E-06	7.86E-07	6.98E-08	1.69E-06	3.72E-07	5.75E-07	9.12E-07	1.61E-07	4.12E-07	4.19E-06
5719	487849.83	3856754.74	5.61E-03	6.50E-03	2.92E-03	1.94E-06	5.87E-06	3.40E-06	3.94E-06	3.57E-06	1.63E-06	7.31E-07	6.49E-08	1.57E-06	3.46E-07	5.34E-07	8.48E-07	1.49E-07	3.83E-07	3.89E-06
5720	487918.03	3856819.39	5.31E-03	6.15E-03	2.76E-03	1.84E-06	5.55E-06	3.22E-06	3.72E-06	3.38E-06	1.54E-06	6.92E-07	6.14E-08	1.48E-06	3.27E-07	5.06E-07	8.02E-07	1.41E-07	3.63E-07	3.68E-06
5721	487918.8	3856886.37	5.24E-03	6.07E-03	2.72E-03	1.82E-06	5.48E-06	3.17E-06	3.67E-06	3.33E-06	1.52E-06	6.82E-07	6.06E-08	1.46E-06	3.23E-07	4.99E-07	7.91E-07	1.39E-07	3.58E-07	3.64E-06
5722	488065.47	3857127.51	3.74E-03	4.33E-03	1.94E-03	1.30E-06	3.91E-06	2.26E-06	2.62E-06	2.38E-06	1.08E-06	4.87E-07	4.33E-08	1.05E-06	2.31E-07	3.56E-07	5.65E-07	9.96E-08	2.56E-07	2.60E-06
5723	488192.19	3857385.84	2.31E-03	2.67E-03	1.20E-03	7.99E-07	2.41E-06	1.40E-06	1.62E-06	1.47E-06	6.69E-07	3.01E-07	2.67E-08	6.44E-07	1.42E-07	2.19E-07	3.48E-07	6.14E-08	1.58E-07	1.60E-06
5724	488191.22	3857473.87	1.97E-03	2.28E-03	1.03E-03	6.84E-07	2.07E-06	1.20E-06	1.38E-06	1.25E-06	5.72E-07	2.58E-07	2.28E-08	5.52E-07	1.22E-07	1.88E-07	2.98E-07	5.25E-08	1.35E-07	1.37E-06
5725	488190.24	3857561.91	1.69E-03	1.95E-03	8.82E-04	5.85E-07	1.77E-06	1.02E-06	1.18E-06	1.07E-06	4.90E-07	2.21E-07	1.95E-08	4.72E-07	1.04E-07	1.61E-07	2.55E-07	4.49E-08	1.16E-07	1.17E-06
5726	488158.35	3857691.13	1.35E-03	1.56E-03	7.10E-04	4.69E-07	1.42E-06	8.19E-07	9.48E-07	8.59E-07	3.92E-07	1.78E-07	1.57E-08	3.78E-07	8.34E-08	1.29E-07	2.04E-07	3.60E-08	9.34E-08	9.39E-07
5727	488208.37	3857816.66	1.12E-03	1.29E-03	6.02E-04	3.89E-07	1.17E-06	6.80E-07	7.83E-07	7.10E-07	3.24E-07	1.51E-07	1.30E-08	3.14E-07	6.92E-08	1.06E-07	1.69E-07	2.97E-08	7.92E-08	7.80E-07
5728	488271.97	3857874.6	1.16E-03	1.32E-03	6.85E-04	4.02E-07	1.21E-06	7.03E-07	7.98E-07	7.23E-07	3.30E-07	1.72E-07	1.34E-08	3.24E-07	7.16E-08	1.08E-07	1.72E-07	3.03E-08	9.00E-08	8.10E-07
5729	488463.56	3857942.31	1.17E-03	1.31E-03	7.36E-04	4.05E-07	1.22E-06	7.08E-07	7.94E-07	7.20E-07	3.29E-07	1.84E-07	1.35E-08	3.27E-07	7.21E-08	1.08E-07	1.71E-07	3.01E-08	9.67E-08	8.18E-07
5730	488554.83	3857940.83	1.11E-03	1.26E-03	6.78E-04	3.86E-07	1.17E-06	6.75E-07	7.62E-07	6.91E-07	3.15E-07	1.70E-07	1.29E-08	3.11E-07	6.87E-08	1.03E-07	1.64E-07	2.89E-08	8.92E-08	7.79E-07
5731	488646.1	3857939.36	1.08E-03	1.22E-03	6.37E-04	3.73E-07	1.13E-06	6.52E-07	7.40E-07	6.70E-07	3.06E-07	1.60E-07	1.25E-08	3.01E-07	6.64E-08	1.00E-07	1.59E-07	2.81E-08	8.38E-08	7.51E-07
5732	488737.37	3857937.88	1.05E-03	1.19E-03	6.08E-04	3.64E-07	1.10E-06	6.36E-07	7.24E-07	6.56E-07	2.99E-07	1.52E-07	1.21E-08	2.93E-07	6.47E-08	9.83E-08	1.56E-07	2.75E-08	8.00E-08	7.32E-07
5733	488733.59	3857960.57	1.02E-03	1.16E-03	5.92E-04	3.54E-07	1.07E-06	6.18E-07	7.04E-07	6.38E-07	2.91E-07	1.48E-07	1.18E-08	2.85E-07	6.29E-08	9.55E-08	1.52E-07	2.67E-08	7.79E-08	7.12E-07
5734	488638.09	3857961.57	1.05E-03	1.19E-03	6.22E-04	3.63E-07	1.10E-06	6.35E-07	7.20E-07	6.53E-07	2.98E-07	1.56E-07	1.21E-08	2.93E-07	6.47E-08	9.78E-08	1.55E-07	2.73E-08	8.18E-08	7.32E-07
5735	488542.6	3857962.56	1.09E-03	1.23E-03	6.67E-04	3.78E-07	1.14E-06	6.60E-07	7.44E-07	6.75E-07	3.08E-07	1.67E-07	1.26E-08	3.05E-07	6.72E-08	1.01E-07	1.60E-07	2.83E-08	8.77E-08	7.62E-07
5736	488447.1	3857963.56	1.15E-03	1.29E-03	7.35E-04	4.00E-07	1.21E-06	6.99E-07	7.83E-07	7.10E-07	3.24E-07	1.84E-07	1.34E-08	3.23E-07	7.12E-08	1.06E-07	1.69E-07	2.97E-08	9.66E-08	8.08E-07
5737	488254.28	3857890.36	1.16E-03	1.31E-03	6.93E-04	4.01E-07	1.21E-06	7.01E-07	7.93E-07	7.19E-07	3.28E-07	1.74E-07	1.34E-08	3.23E-07	7.13E-08	1.08E-07	1.71E-07	3.01E-08	9.11E-08	8.08E-07
5738	488191.69	3857833.06	1.09E-03	1.26E-03	5.89E-04	3.79E-07	1.15E-06	6.63E-07	7.64E-07	6.93E-07	3.16E-07	1.47E-07	1.27E-08	3.06E-07	6.75E-08	1.04E-07	1.65E-07	2.90E-08	7.74E-08	7.61E-07
5739	488129.5	3857907.43	9.88E-04	1.14E-03	5.35E-04	3.43E-07	1.03E-06	5.99E-07	6.89E-07	6.25E-07	2.85E-07	1.34E-07	1.14E-08	2.76E-07	6.10E-08	9.36E-08	1.48E-07	2.62E-08	7.03E-08	6.87E-07
5740	488196.47	3857968.74	1.23E-03	1.37E-03	8.15E-04	4.27E-07	1.29E-06	7.46E-07	8.30E-07	7.52E-07	3.43E-07	2.04E-07	1.43E-08	3.44E-07	7.60E-08	1.13E-07	1.79E-07	3.15E-08	1.07E-07	8.65E-07
5741	488263.44	3858030.04	1.17E-03	1.30E-03	7.82E-04	4.05E-07	1.22E-06	7.08E-07	7.85E-07	7.11E-07	3.25E-07	1.96E-07	1.35E-08	3.27E-07	7.21E-08	1.07E-07	1.69E-07	2.98E-08	1.03E-07	8.20E-07
5742	488400.64	3858132.9	8.11E-04	9.24E-04	4.69E-04	2.81E-07	8.49E-07	4.91E-07	5.60E-07	5.07E-07	2.32E-07	1.18E-07	9.39E-09	2.27E-07	5.00E-08	7.60E-08	1.21E-07	2.12E-08	6.17E-08	5.66E-07
5743	488519.89	3858218.38	6.89E-04	7.91E-04	3.81E-04	2.39E-07	7.21E-07	4.18E-07	4.79E-07	4.34E-07	1.98E-07	9.55E-08	7.98E-09	1.93E-07	4.25E-08	6.51E-08	1.03E-07	1.82E-08	5.01E-08	4.80E-07
5744	488647.97	3858214.99	6.88E-04	7.89E-04	3.80E-04	2.38E-07	7.20E-07	4.17E-07	4.78E-07	4.33E-07	1.98E-07	9.52E-08	7.96E-09	1.92E-07	4.24E-08	6.49E-08	1.03E-07	1.82E-08	4.99E-08	4.79E-07
5745	488727.05	3858167.67	7.36E-04	8.43E-04	4.09E-04	2.55E-07	7.70E-07	4.46E-07	5.11E-07	4.63E-07	2.11E-07	1.02E-07	8.51E-09	2.06E-07	4.54E-08	6.94E-08	1.10E-07	1.94E-08	5.38E-08	5.12E-07
5746	488806.12	3858120.35	7.91E-04	9.06E-04	4.42E-04	2.74E-07	8.28E-07	4.79E-07	5.49E-07	4.98E-07	2.27E-07	1.11E-07	9.16E-09	2.21E-07	4.88E-08	7.46E-08	1.18E-07	2.08E-08	5.81E-08	5.51E-07
5747	488885.2	3858073.03	8.48E-04	9.71E-04	4.74E-04	2.94E-07	8.87E-07	5.14E-07	5.88E-07	5.33E-07	2.43E-07	1.19E-07	9.81E-09	2.37E-07	5.23E-08	7.99E-08	1.27E-07	2.23E-08	6.23E-08	5.90E-07
5748	489055.76	3857991.18	9.32E-04	1.07E-03	5.16E-04	3.23E-07	9.75E-07	5.64E-07	6.47E-07	5.87E-07	2.68E-07	1.29E-07	1.08E-08	2.60E-07	5.75E-08	8.79E-08	1.39E-07	2.46E-08	6.79E-08	6.48E-07
5749	489245.39	3857944.55	9.61E-04	1.10E-03	5.26E-04	3.33E-07	1.01E-06	5.82E-07	6.69E-07	6.06E-07	2.77E-07	1.32E-07	1.11E-08	2.69E-07	5.93E-08	9.08E-08	1.44E-07	2.54E-08	6.92E-08	6.68E-07
5750	489430.63	3857930.91	9.49E-04	1.09E-03	5.15E-04	3.29E-07	9.93E-07	5.75E-07	6.61E-07	5.99E-07	2.73E-07	1.29E-07	1.10E-08	2.65E-07	5.85E-08	8.98E-08	1.42E-07	2.51E-08	6.77E-08	6.60E-07
5751	489517.74	3857929.36	9.38E-04	1.08E-03	5.08E-04	3.25E-07	9.81E-07	5.68E-07	6.54E-07	5.93E-07	2.71E-07	1.27E-07	1.09E-08	2.62E-07	5.78E-08	8.88E-08	1.41E-07	2.48E-08	6.67E-08	6.52E-07
5752	489604.86	3857927.82	9.27E-04	1.07E-03	5.01E-04	3.21E-07	9.70E-07	5.62E-07	6.47E-07	5.87E-07	2.68E-07	1.25E-07	1.07E-08	2.59E-07	5.72E-08	8.78E-08	1.39E-07	2.46E-08	6.58E-08	6.45E-07
5753	489691.97	3857926.28	9.16E-04	1.06E-03	4.93E-04	3.17E-07	9.58E-07	5.55E-07	6.39E-07	5.79E-07	2.64E-07	1.24E-07	1.06E-08	2.56E-07	5.65E-08	8.68E-08	1.38E-07	2.43E-08	6.49E-08	6.37E-07
5754	489779.08	3857924.73	9.04E-04	1.04E-03	4.86E-04	3.13E-07	9.46E-07	5.48E-07	6.31E-07	5.72E-07	2.61E-07	1.22E-07	1.05E-08	2.53E-07	5.58E-08	8.57E-08	1.36E-07	2.40E-08	6.39E-08	6.29E-07
5755	490017.55	3857875.09	9.05E-04	1.04E-03	4.84E-04	3.13E-07	9.47E-07	5.48E-07	6.32E-07	5.73E-07	2.61E-07	1.21E-07	1.05E-08	2.53E-07	5.58E-08	8.58E-08	1.36E-07	2.40E-08	6.37E-08	6.29E-07
5756	490033.82	3857960.81	8.43E-04	9.72E-04	4.51E-04	2.92E-07	8.82E-07	5.11E-07	5.89E-07	5.34E-07	2.43E-07	1.13E-07	9.75E-09	2.36E-07	5.20E-08	7.99E-08	1.27E-07	2.23E-08	5.93E-08	5.86E-07
5757	489959.15	3857987.49	8.33E-04	9.61E-04	4.47E-04	2.89E-07	8.72E-07	5.05E-07	5.82E-07	5.28E-07	2.41E-07	1.12E-07	9.64E-09	2.33E-07	5.14E-08	7.90E-08	1.25E-07	2.21E-08	5.87E-08	5.79E-07
5758	489791.49	3858016.12	8.37E-04	9.65E-04	4.50E-04	2.90E-07	8.76E-07	5.07E-07	5.84E-07	5.30E-07	2.42E-07	1.13E-07	9.69E-09	2.34E-07	5.16E-08	7.93E-08	1.26E-07	2.22E-08	5.91E-08	5.82E-07
5759	489698.51	3858018.07	8.46E-04	9.75E-04	4.55E-04	2.93E-07	8.85E-07	5.12E-07	5.90E-07	5.35E-07	2.44E-07	1.14E-07	9.79E-09	2.36E-07	5.22E-08	8.02E-08	1.27E-07	2.24E-08	5.99E-08	5.88E-07
5760	489605.52	3858020.02	8.54E-04	9.84E-04	4.61E-04	2.96E-07	8.94E-07	5.17E-07	5.96E-07	5.40E-07	2.47E-07	1.15E-07	9.89E-09	2.39E-07	5.27E-08	8.09E-08	1.28E-07	2.26E-08	6.06E-08	5.94E-07
5761	489512.53	3858021.96	8.62E-04	9.92E-04	4.66E-04	2.99E-07	9.02E-07	5.22E-07	6.01E-07	5.45E-07	2.49E-07	1.17E-07	9.97E-09	2.41E-07	5.32E-08	8.16E-08	1.29E-07	2.28E-08	6.13E-08	5.99E-07
5762	489419.55	3858023.91	8.68E-04	9.99E-04	4.71E-04	3.01E-07	9.08E-07	5.26E-07	6.05E-07	5.48E-07	2.50E-07	1.18E-07	1.00E-08	2.43E-07	5.35E-08	8.21E-08	1.30E-07	2.30E-08	6.19E-08	6.03E-07
5763	489228.47	3858041.29	8.70E-04	1.00E-03	4.75E-04	3.02E-07	9.11E-07	5.27E-07	6.06E-07	5.49E-07	2.51E-07	1.19E-07	1.01E-08	2.43E-07	5.37E-08	8.23E-08	1.31E-07	2.30E-08	6.25E-08	6.05E-07
5764	489065.75	3858085.78	8.31E-04	9.54E-04	4.57E-04	2.88E-07	8.69E-07	5.03E-07	5.78E-07	5.24E-07	2.39E-07	1.14E-07	9.61E-09	2.32E-07	5.12E-08	7.85E-08	1.24E-07	2.19E-08	6.01E-08	5.78E-07
5765	489001.12	3858114.86	8.01E-04	9.19E-04	4.41E-04	2.77E-07	8.38E-07	4.85E-07	5.57E-07	5.05E-07	2.30E-07	1.10E-07	9.26E-09	2.24E-07	4.94E-08	7.56E-08	1.20E-07	2.11E-08	5.79E-08	5.57E-07
5766	488861.89	3858189.81	7.20E-04	8.27E-04	3.95E-04	2.49E-07	7.53E-07	4.36E-07	5.01E-07	4.54E-07	2.07E-07	9.90E-08	8.33E-09	2.01E-07	4.44E-08	6.80E-08	1.08E-07	1.90E-08	5.20E-08	5.01E-07
5767	488787.29	3858235.69	6.71E-04	7.72E-04	3.67E-04	2.33E-07	7.03E-07	4.07E-07	4.67E-07	4.24E-07	1.93E-07	9.21E-08	7.77E-09	1.88E-07	4.14E-08	6.35E-08	1.01E-07	1.77E-08	4.83E-08	4.67E-07
5768	488712.68	3858281.57	6.35E-04	7.30E-04	3.46E-04	2.20E-07	6.64E-07	3.85E-07	4.42E-07	4.01E-07	1.83E-07	8.66E-08	7.35E-09	1.77E-07	3.92E-08	6.00E-08	9.53E-08	1.68E-08	4.55E-08	4.42E-07
5769	488654.39	3858436.17	5.47E-04	6.31E-04	2.92E-04	1.90E-07	5.73E-07	3.31E-07	3.82E-07	3.47E-07	1.58E-07	7.32E-08	6.33E-09	1.53E-07	3.37E-08	5.19E-08	8.24E-08	1.45E-08	3.84E-08	3.80E-07

5770	488726.31	3858505.26	5.16E-04	5.96E-04	2.75E-04	1.79E-07	5.40E-07	3.13E-07	3.61E-07	3.27E-07	1.49E-07	6.89E-08	5.97E-09	1.44E-07	3.18E-08	4.90E-08	7.77E-08	1.37E-08	3.61E-08	3.59E-07
5771	488880.6	3858599.28	4.77E-04	5.50E-04	2.53E-04	1.65E-07	4.99E-07	2.89E-07	3.33E-07	3.02E-07	1.38E-07	6.35E-08	5.52E-09	1.33E-07	2.94E-08	4.53E-08	7.18E-08	1.27E-08	3.33E-08	3.31E-07
5772	489008.06	3858714.75	4.38E-04	5.06E-04	2.33E-04	1.52E-07	4.59E-07	2.66E-07	3.07E-07	2.78E-07	1.27E-07	5.84E-08	5.07E-09	1.23E-07	2.70E-08	4.16E-08	6.60E-08	1.16E-08	3.06E-08	3.05E-07
5773	489071.48	3858772.72	4.22E-04	4.87E-04	2.24E-04	1.46E-07	4.41E-07	2.55E-07	2.95E-07	2.67E-07	1.22E-07	5.62E-08	4.88E-09	1.18E-07	2.60E-08	4.00E-08	6.35E-08	1.12E-08	2.95E-08	2.93E-07
5774	489244.6	3858920.2	3.83E-04	4.42E-04	2.04E-04	1.33E-07	4.01E-07	2.32E-07	2.68E-07	2.43E-07	1.11E-07	5.12E-08	4.44E-09	1.07E-07	2.36E-08	3.64E-08	5.77E-08	1.02E-08	2.69E-08	2.66E-07
5775	489239.69	3858952.23	3.78E-04	4.36E-04	2.01E-04	1.31E-07	3.95E-07	2.29E-07	2.64E-07	2.39E-07	1.09E-07	5.05E-08	4.37E-09	1.06E-07	2.33E-08	3.59E-08	5.69E-08	1.00E-08	2.65E-08	2.63E-07
5776	489121.67	3858854.49	4.02E-04	4.64E-04	2.14E-04	1.39E-07	4.21E-07	2.43E-07	2.81E-07	2.55E-07	1.16E-07	5.36E-08	4.65E-09	1.12E-07	2.48E-08	3.81E-08	6.05E-08	1.07E-08	2.81E-08	2.79E-07
5777	489059.59	3858797.27	4.17E-04	4.81E-04	2.22E-04	1.44E-07	4.36E-07	2.52E-07	2.91E-07	2.64E-07	1.21E-07	5.55E-08	4.82E-09	1.17E-07	2.57E-08	3.96E-08	6.28E-08	1.11E-08	2.91E-08	2.90E-07
5778	488997.52	3858740.04	4.33E-04	5.00E-04	2.30E-04	1.50E-07	4.53E-07	2.62E-07	3.03E-07	2.75E-07	1.25E-07	5.77E-08	5.01E-09	1.21E-07	2.67E-08	4.11E-08	6.53E-08	1.15E-08	3.03E-08	3.01E-07
5779	488935.44	3858682.82	4.50E-04	5.20E-04	2.39E-04	1.56E-07	4.71E-07	2.73E-07	3.15E-07	2.86E-07	1.30E-07	6.00E-08	5.21E-09	1.26E-07	2.78E-08	4.28E-08	6.79E-08	1.20E-08	3.15E-08	3.13E-07
5780	488869.17	3858848.43	4.15E-04	4.79E-04	2.20E-04	1.44E-07	4.34E-07	2.51E-07	2.90E-07	2.63E-07	1.20E-07	5.52E-08	4.80E-09	1.16E-07	2.56E-08	3.94E-08	6.25E-08	1.10E-08	2.90E-08	2.88E-07
5781	488932.48	3858892.69	4.03E-04	4.65E-04	2.14E-04	1.40E-07	4.21E-07	2.44E-07	2.82E-07	2.55E-07	1.16E-07	5.37E-08	4.66E-09	1.13E-07	2.48E-08	3.82E-08	6.06E-08	1.07E-08	2.82E-08	2.80E-07
5782	489063.27	3858977.17	3.82E-04	4.41E-04	2.04E-04	1.32E-07	4.00E-07	2.32E-07	2.67E-07	2.42E-07	1.11E-07	5.11E-08	4.42E-09	1.07E-07	2.36E-08	3.63E-08	5.75E-08	1.01E-08	2.68E-08	2.66E-07
5783	489248.2	3859117.15	3.52E-04	4.06E-04	1.89E-04	1.22E-07	3.69E-07	2.13E-07	2.46E-07	2.23E-07	1.02E-07	4.73E-08	4.08E-09	9.85E-08	2.17E-08	3.34E-08	5.30E-08	9.34E-09	2.48E-08	2.45E-07
5784	489296.25	3859049.22	3.59E-04	4.14E-04	1.92E-04	1.25E-07	3.76E-07	2.18E-07	2.51E-07	2.28E-07	1.04E-07	4.81E-08	4.16E-09	1.00E-07	2.22E-08	3.41E-08	5.41E-08	9.53E-09	2.52E-08	2.50E-07
5785	489353.38	3858993.97	3.65E-04	4.21E-04	1.95E-04	1.26E-07	3.82E-07	2.21E-07	2.55E-07	2.31E-07	1.05E-07	4.88E-08	4.22E-09	1.02E-07	2.25E-08	3.46E-08	5.49E-08	9.68E-09	2.56E-08	2.54E-07
5786	489537.25	3859120.22	3.37E-04	3.89E-04	1.80E-04	1.17E-07	3.53E-07	2.04E-07	2.36E-07	2.14E-07	9.75E-08	4.52E-08	3.90E-09	9.43E-08	2.08E-08	3.20E-08	5.07E-08	8.94E-09	2.37E-08	2.34E-07
5787	489726.98	3859246.04	3.12E-04	3.59E-04	1.67E-04	1.08E-07	3.26E-07	1.89E-07	2.18E-07	1.97E-07	9.00E-08	4.18E-08	3.61E-09	8.71E-08	1.92E-08	2.95E-08	4.69E-08	8.26E-09	2.20E-08	2.17E-07
5788	489911.46	3859366.33	2.90E-04	3.34E-04	1.55E-04	1.01E-07	3.04E-07	1.76E-07	2.03E-07	1.84E-07	8.38E-08	3.90E-08	3.36E-09	8.11E-08	1.79E-08	2.75E-08	4.36E-08	7.69E-09	2.04E-08	2.02E-07
5789	490035.3	3859430.26	2.77E-04	3.20E-04	1.48E-04	9.60E-08	2.90E-07	1.68E-07	1.94E-07	1.75E-07	8.01E-08	3.72E-08	3.21E-09	7.75E-08	1.71E-08	2.63E-08	4.17E-08	7.35E-09	1.95E-08	1.93E-07
5790	490101.11	3859458.61	2.72E-04	3.13E-04	1.46E-04	9.42E-08	2.84E-07	1.65E-07	1.90E-07	1.72E-07	7.85E-08	3.65E-08	3.15E-09	7.60E-08	1.68E-08	2.58E-08	4.09E-08	7.21E-09	1.91E-08	1.89E-07
5791	490312.68	3859560.3	2.55E-04	2.94E-04	1.36E-04	8.83E-08	2.67E-07	1.54E-07	1.78E-07	1.61E-07	7.37E-08	3.42E-08	2.95E-09	7.12E-08	1.57E-08	2.42E-08	3.84E-08	6.76E-09	1.79E-08	1.77E-07
5792	490401.63	3859603.12	2.49E-04	2.87E-04	1.33E-04	8.61E-08	2.60E-07	1.51E-07	1.74E-07	1.57E-07	7.18E-08	3.33E-08	2.88E-09	6.95E-08	1.53E-08	2.36E-08	3.74E-08	6.59E-09	1.75E-08	1.73E-07
5793	490490.57	3859645.94	2.43E-04	2.80E-04	1.30E-04	8.41E-08	2.54E-07	1.47E-07	1.70E-07	1.54E-07	7.02E-08	3.25E-08	2.81E-09	6.79E-08	1.50E-08	2.30E-08	3.65E-08	6.44E-09	1.70E-08	1.69E-07
5794	490579.51	3859688.76	2.37E-04	2.74E-04	1.27E-04	8.23E-08	2.48E-07	1.44E-07	1.66E-07	1.50E-07	6.86E-08	3.17E-08	2.75E-09	6.64E-08	1.46E-08	2.25E-08	3.57E-08	6.30E-09	1.67E-08	1.65E-07
5795	490668.45	3859731.58	2.33E-04	2.69E-04	1.24E-04	8.07E-08	2.44E-07	1.41E-07	1.63E-07	1.47E-07	6.73E-08	3.11E-08	2.69E-09	6.51E-08	1.44E-08	2.21E-08	3.50E-08	6.18E-09	1.63E-08	1.62E-07
5796	490757.4	3859774.4	2.27E-04	2.62E-04	1.21E-04	7.87E-08	2.38E-07	1.38E-07	1.59E-07	1.44E-07	6.57E-08	3.03E-08	2.63E-09	6.35E-08	1.40E-08	2.16E-08	3.42E-08	6.03E-09	1.59E-08	1.58E-07
5797	491003.53	3859861.82	2.17E-04	2.50E-04	1.15E-04	7.52E-08	2.27E-07	1.31E-07	1.52E-07	1.37E-07	6.27E-08	2.89E-08	2.51E-09	6.06E-08	1.34E-08	2.06E-08	3.27E-08	5.76E-09	1.52E-08	1.51E-07
5798	491081.41	3859879.05	2.15E-04	2.48E-04	1.14E-04	7.44E-08	2.25E-07	1.30E-07	1.50E-07	1.36E-07	6.21E-08	2.86E-08	2.48E-09	6.00E-08	1.32E-08	2.04E-08	3.23E-08	5.70E-09	1.50E-08	1.49E-07
5799	491229.76	3859917.82	2.10E-04	2.43E-04	1.12E-04	7.28E-08	2.20E-07	1.27E-07	1.47E-07	1.33E-07	6.08E-08	2.80E-08	2.43E-09	5.87E-08	1.30E-08	2.00E-08	3.17E-08	5.58E-09	1.47E-08	1.46E-07
5800	491300.22	3859939.35	2.08E-04	2.40E-04	1.10E-04	7.19E-08	2.17E-07	1.26E-07	1.45E-07	1.32E-07	6.00E-08	2.76E-08	2.40E-09	5.80E-08	1.28E-08	1.97E-08	3.13E-08	5.51E-09	1.45E-08	1.44E-07
5801	491350.49	3860012.03	1.99E-04	2.29E-04	1.05E-04	6.88E-08	2.08E-07	1.20E-07	1.39E-07	1.26E-07	5.74E-08	2.64E-08	2.30E-09	5.55E-08	1.22E-08	1.89E-08	2.99E-08	5.27E-09	1.39E-08	1.38E-07
5802	491406.82	3860092.57	1.90E-04	2.20E-04	1.01E-04	6.59E-08	1.99E-07	1.15E-07	1.33E-07	1.21E-07	5.50E-08	2.53E-08	2.20E-09	5.32E-08	1.17E-08	1.81E-08	2.87E-08	5.05E-09	1.33E-08	1.32E-07
5803	491483.37	3860121.96	1.88E-04	2.17E-04	9.95E-05	6.51E-08	1.96E-07	1.14E-07	1.31E-07	1.19E-07	5.43E-08	2.49E-08	2.17E-09	5.25E-08	1.16E-08	1.78E-08	2.83E-08	4.99E-09	1.31E-08	1.30E-07
5804	491559.91	3860151.36	1.85E-04	2.14E-04	9.82E-05	6.42E-08	1.94E-07	1.12E-07	1.30E-07	1.17E-07	5.36E-08	2.46E-08	2.14E-09	5.18E-08	1.14E-08	1.76E-08	2.79E-08	4.92E-09	1.29E-08	1.29E-07
5805	491711.81	3860237.76	1.82E-04	2.11E-04	9.65E-05	6.32E-08	1.91E-07	1.10E-07	1.28E-07	1.16E-07	5.28E-08	2.42E-08	2.11E-09	5.10E-08	1.12E-08	1.73E-08	2.75E-08	4.84E-09	1.27E-08	1.27E-07
5806	491755.2	3860319.07	1.70E-04	1.97E-04	9.01E-05	5.90E-08	1.78E-07	1.03E-07	1.19E-07	1.08E-07	4.93E-08	2.26E-08	1.97E-09	4.76E-08	1.05E-08	1.62E-08	2.57E-08	4.53E-09	1.19E-08	1.18E-07
5807	491704.71	3860366.54	1.67E-04	1.93E-04	8.83E-05	5.78E-08	1.75E-07	1.01E-07	1.17E-07	1.06E-07	4.83E-08	2.21E-08	1.93E-09	4.67E-08	1.03E-08	1.59E-08	2.52E-08	4.43E-09	1.16E-08	1.16E-07
5808	491623.43	3860462.39	1.60E-04	1.85E-04	8.48E-05	5.56E-08	1.68E-07	9.72E-08	1.12E-07	1.02E-07	4.65E-08	2.13E-08	1.86E-09	4.49E-08	9.90E-09	1.53E-08	2.42E-08	4.26E-09	1.12E-08	1.11E-07
5809	491534.02	3860439.85	1.67E-04	1.93E-04	8.85E-05	5.80E-08	1.75E-07	1.01E-07	1.17E-07	1.06E-07	4.84E-08	2.22E-08	1.94E-09	4.68E-08	1.03E-08	1.59E-08	2.52E-08	4.45E-09	1.16E-08	1.16E-07
5810	491313.95	3860268.18	1.74E-04	2.01E-04	9.22E-05	6.03E-08	1.82E-07	1.05E-07	1.22E-07	1.10E-07	5.04E-08	2.31E-08	2.01E-09	4.87E-08	1.07E-08	1.65E-08	2.62E-08	4.62E-09	1.21E-08	1.21E-07
5811	491187.12	3860143.56	1.86E-04	2.14E-04	9.85E-05	6.44E-08	1.94E-07	1.13E-07	1.30E-07	1.18E-07	5.37E-08	2.47E-08	2.15E-09	5.19E-08	1.15E-08	1.76E-08	2.80E-08	4.93E-09	1.30E-08	1.29E-07
5812	491070.43	3860075.97	1.93E-04	2.23E-04	1.03E-04	6.69E-08	2.02E-07	1.17E-07	1.35E-07	1.22E-07	5.58E-08	2.57E-08	2.23E-09	5.40E-08	1.19E-08	1.83E-08	2.91E-08	5.12E-09	1.35E-08	1.34E-07
5813	490995.09	3860039.39	1.97E-04	2.27E-04	1.05E-04	6.83E-08	2.06E-07	1.19E-07	1.38E-07	1.25E-07	5.70E-08	2.62E-08	2.28E-09	5.51E-08	1.22E-08	1.87E-08	2.97E-08	5.23E-09	1.38E-08	1.37E-07
5814	490919.75	3860002.8	2.01E-04	2.32E-04	1.07E-04	6.97E-08	2.11E-07	1.22E-07	1.41E-07	1.28E-07	5.82E-08	2.68E-08	2.33E-09	5.63E-08	1.24E-08	1.91E-08	3.03E-08	5.34E-09	1.41E-08	1.40E-07
5815	490756.81	3859894.53	2.14E-04	2.47E-04	1.14E-04	7.42E-08	2.24E-07	1.30E-07	1.50E-07	1.36E-07	6.20E-08	2.86E-08	2.48E-09	5.99E-08	1.32E-08	2.03E-08	3.23E-08	5.69E-09	1.50E-08	1.49E-07
5816	490668.07	3859860.92	2.18E-04	2.52E-04	1.16E-04	7.56E-08	2.28E-07	1.32E-07	1.52E-07	1.38E-07	6.30E-08	2.91E-08	2.52E-09	6.09E-08	1.34E-08	2.07E-08	3.28E-08	5.79E-09	1.53E-08	1.52E-07
5817	490579.34	3859827.3	2.23E-04	2.57E-04	1.19E-04	7.72E-08	2.33E-07	1.35E-07	1.56E-07	1.41E-07	6.44E-08	2.98E-08	2.58E-09	6.23E-08	1.37E-08	2.11E-08	3.35E-08	5.91E-09	1.56E-08	1.55E-07
5818	490490.6	3859793.68	2.27E-04	2.62E-04	1.21E-04	7.87E-08	2.38E-07	1.38E-07	1.59E-07	1.44E-07	6.56E-08	3.04E-08	2.63E-09	6.35E-08	1.40E-08	2.15E-08	3.42E-08	6.02E-09	1.59E-08	1.58E-07
5819	490401.86	3859760.07	2.32E-04	2.67E-04	1.24E-04	8.03E-08	2.43E-07	1.40E-07	1.62E-07	1.47E-07	6.70E-08	3.10E-08	2.68E-09	6.48E-08	1.43E-08	2.20E-08	3.49E-08	6.15E-09	1.63E-08	1.61E-07
5820	490313.12	3859726.45	2.37E-04	2.74E-04	1.27E-04	8.23E-08	2.48E-07	1.44E-07	1.66E-07	1.50E-07	6.86E-08	3.18E-08	2.75E-09	6.63E-08	1.46E-08	2.25E-08	3.57E-08	6.29E-09	1.67E-08	1.65E-07
5821	490224.39	3859692.83	2.43E-04	2.81E-04	1.30E-04	8.44E-08	2.55E-07	1.47E-07	1.70E-07	1.54E-07	7.03E-08	3.27E-08	2.82E-09	6.81E-08	1.50E-08	2.31E-08	3.66E-08	6.46E-09	1.71E-08	1.69E-07
5822	490135.65	3859659.22	2.50E-04	2.89E-04	1.34E-04	8.68E-08	2.62E-07	1.52E-07	1.75E-07	1.58E-07	7.23E-08	3.36E-08	2.90E-09	7.00E-08	1.54E-08	2.37E-08	3.77E-08	6.64E-09	1.76E-08	1.74E-07

5823	489918.19	3859559.23	2.70E-04	3.11E-04	1.45E-04	9.34E-08	2.82E-07	1.63E-07	1.88E-07	1.71E-07	7.78E-08	3.63E-08	3.12E-09	7.54E-08	1.66E-08	2.56E-08	4.05E-08	7.14E-09	1.90E-08	1.87E-07
5824	489743.61	3859486	2.85E-04	3.28E-04	1.53E-04	9.87E-08	2.98E-07	1.72E-07	1.99E-07	1.80E-07	8.22E-08	3.84E-08	3.30E-09	7.96E-08	1.76E-08	2.70E-08	4.28E-08	7.54E-09	2.01E-08	1.98E-07
5825	489660.32	3859440.27	2.93E-04	3.38E-04	1.58E-04	1.02E-07	3.07E-07	1.78E-07	2.05E-07	1.85E-07	8.46E-08	3.95E-08	3.39E-09	8.19E-08	1.81E-08	2.78E-08	4.41E-08	7.77E-09	2.07E-08	2.04E-07
5826	489577.04	3859394.53	3.02E-04	3.48E-04	1.62E-04	1.05E-07	3.16E-07	1.83E-07	2.11E-07	1.91E-07	8.71E-08	4.07E-08	3.49E-09	8.44E-08	1.86E-08	2.86E-08	4.54E-08	7.99E-09	2.14E-08	2.10E-07
5827	489493.75	3859348.8	3.10E-04	3.58E-04	1.67E-04	1.08E-07	3.25E-07	1.88E-07	2.17E-07	1.96E-07	8.96E-08	4.19E-08	3.59E-09	8.68E-08	1.91E-08	2.94E-08	4.67E-08	8.22E-09	2.20E-08	2.16E-07
5828	489321.28	3859240.02	3.31E-04	3.82E-04	1.78E-04	1.15E-07	3.47E-07	2.01E-07	2.31E-07	2.10E-07	9.56E-08	4.46E-08	3.83E-09	9.26E-08	2.04E-08	3.14E-08	4.98E-08	8.77E-09	2.34E-08	2.30E-07
5829	489235.41	3859193.96	3.41E-04	3.93E-04	1.83E-04	1.18E-07	3.57E-07	2.07E-07	2.38E-07	2.16E-07	9.85E-08	4.59E-08	3.95E-09	9.54E-08	2.10E-08	3.23E-08	5.13E-08	9.04E-09	2.41E-08	2.37E-07
5830	489149.54	3859147.89	3.50E-04	4.03E-04	1.88E-04	1.21E-07	3.66E-07	2.12E-07	2.44E-07	2.21E-07	1.01E-07	4.70E-08	4.05E-09	9.77E-08	2.16E-08	3.31E-08	5.26E-08	9.27E-09	2.47E-08	2.43E-07
5831	489063.68	3859101.82	3.59E-04	4.14E-04	1.93E-04	1.25E-07	3.76E-07	2.18E-07	2.51E-07	2.27E-07	1.04E-07	4.82E-08	4.16E-09	1.00E-07	2.22E-08	3.41E-08	5.40E-08	9.52E-09	2.53E-08	2.50E-07
5832	488977.81	3859055.75	3.69E-04	4.26E-04	1.98E-04	1.28E-07	3.86E-07	2.24E-07	2.58E-07	2.34E-07	1.07E-07	4.95E-08	4.27E-09	1.03E-07	2.28E-08	3.50E-08	5.56E-08	9.79E-09	2.60E-08	2.57E-07
5833	488891.94	3859009.69	3.77E-04	4.35E-04	2.02E-04	1.31E-07	3.95E-07	2.29E-07	2.64E-07	2.39E-07	1.09E-07	5.05E-08	4.37E-09	1.05E-07	2.33E-08	3.58E-08	5.68E-08	1.00E-08	2.65E-08	2.62E-07
5834	488808	3859060.73	3.64E-04	4.19E-04	1.95E-04	1.26E-07	3.81E-07	2.20E-07	2.54E-07	2.30E-07	1.05E-07	4.88E-08	4.21E-09	1.02E-07	2.24E-08	3.45E-08	5.47E-08	9.64E-09	2.56E-08	2.53E-07
5835	488809.93	3859157.85	3.43E-04	3.95E-04	1.85E-04	1.19E-07	3.59E-07	2.08E-07	2.39E-07	2.17E-07	9.89E-08	4.63E-08	3.97E-09	9.58E-08	2.11E-08	3.25E-08	5.15E-08	9.07E-09	2.43E-08	2.38E-07
5836	488811.86	3859254.96	3.24E-04	3.72E-04	1.76E-04	1.12E-07	3.39E-07	1.96E-07	2.25E-07	2.04E-07	9.33E-08	4.42E-08	3.75E-09	9.05E-08	2.00E-08	3.06E-08	4.86E-08	8.56E-09	2.32E-08	2.25E-07
5837	488813.78	3859352.07	3.05E-04	3.51E-04	1.68E-04	1.06E-07	3.20E-07	1.85E-07	2.13E-07	1.93E-07	8.79E-08	4.20E-08	3.53E-09	8.54E-08	1.88E-08	2.89E-08	4.58E-08	8.07E-09	2.20E-08	2.12E-07
5838	488815.71	3859449.19	2.90E-04	3.33E-04	1.61E-04	1.01E-07	3.04E-07	1.76E-07	2.02E-07	1.83E-07	8.35E-08	4.02E-08	3.36E-09	8.12E-08	1.79E-08	2.74E-08	4.35E-08	7.66E-09	2.11E-08	2.02E-07
5839	488910.04	3859547.11	2.81E-04	3.21E-04	1.57E-04	9.73E-08	2.94E-07	1.70E-07	1.95E-07	1.76E-07	8.05E-08	3.94E-08	3.25E-09	7.85E-08	1.73E-08	2.64E-08	4.19E-08	7.39E-09	2.07E-08	1.95E-07
5840	489002.45	3859547.91	2.80E-04	3.21E-04	1.56E-04	9.72E-08	2.93E-07	1.70E-07	1.95E-07	1.76E-07	8.05E-08	3.92E-08	3.25E-09	7.84E-08	1.73E-08	2.64E-08	4.19E-08	7.39E-09	2.05E-08	1.95E-07
5841	489094.85	3859548.72	2.81E-04	3.22E-04	1.56E-04	9.74E-08	2.94E-07	1.70E-07	1.95E-07	1.77E-07	8.08E-08	3.90E-08	3.25E-09	7.85E-08	1.73E-08	2.65E-08	4.21E-08	7.41E-09	2.05E-08	1.96E-07
5842	489230.05	3859601.87	2.74E-04	3.15E-04	1.51E-04	9.49E-08	2.87E-07	1.66E-07	1.91E-07	1.73E-07	7.88E-08	3.78E-08	3.17E-09	7.66E-08	1.69E-08	2.59E-08	4.10E-08	7.23E-09	1.98E-08	1.91E-07
5843	489227.52	3859680.89	2.62E-04	3.01E-04	1.45E-04	9.08E-08	2.74E-07	1.59E-07	1.82E-07	1.65E-07	7.53E-08	3.63E-08	3.03E-09	7.32E-08	1.62E-08	2.47E-08	3.92E-08	6.91E-09	1.90E-08	1.82E-07
5844	489133.47	3859760.29	2.51E-04	2.87E-04	1.40E-04	8.69E-08	2.62E-07	1.52E-07	1.74E-07	1.58E-07	7.20E-08	3.50E-08	2.90E-09	7.01E-08	1.55E-08	2.36E-08	3.75E-08	6.61E-09	1.84E-08	1.75E-07
5845	489041.96	3859760.67	2.52E-04	2.89E-04	1.42E-04	8.74E-08	2.64E-07	1.53E-07	1.75E-07	1.59E-07	7.23E-08	3.55E-08	2.92E-09	7.05E-08	1.56E-08	2.37E-08	3.77E-08	6.64E-09	1.87E-08	1.76E-07
5846	488950.45	3859761.05	2.55E-04	2.91E-04	1.45E-04	8.83E-08	2.67E-07	1.54E-07	1.76E-07	1.60E-07	7.29E-08	3.63E-08	2.95E-09	7.12E-08	1.57E-08	2.39E-08	3.80E-08	6.69E-09	1.91E-08	1.78E-07
5847	488858.94	3859761.43	2.59E-04	2.95E-04	1.50E-04	8.97E-08	2.71E-07	1.57E-07	1.79E-07	1.62E-07	7.39E-08	3.75E-08	3.00E-09	7.24E-08	1.60E-08	2.43E-08	3.85E-08	6.78E-09	1.97E-08	1.81E-07
5848	488767.43	3859761.82	2.65E-04	3.00E-04	1.56E-04	9.17E-08	2.77E-07	1.60E-07	1.82E-07	1.65E-07	7.53E-08	3.91E-08	3.06E-09	7.40E-08	1.63E-08	2.47E-08	3.92E-08	6.91E-09	2.05E-08	1.85E-07
5849	488675.92	3859762.2	2.74E-04	3.10E-04	1.66E-04	9.51E-08	2.87E-07	1.66E-07	1.88E-07	1.70E-07	7.77E-08	4.16E-08	3.18E-09	7.67E-08	1.69E-08	2.55E-08	4.04E-08	7.13E-09	2.18E-08	1.92E-07
5850	488584.41	3859762.58	2.89E-04	3.24E-04	1.81E-04	1.00E-07	3.02E-07	1.75E-07	1.96E-07	1.78E-07	8.12E-08	4.54E-08	3.34E-09	8.07E-08	1.78E-08	2.67E-08	4.23E-08	7.45E-09	2.38E-08	2.02E-07
5851	488492.9	3859762.96	3.03E-04	3.38E-04	1.97E-04	1.05E-07	3.17E-07	1.84E-07	2.05E-07	1.86E-07	8.48E-08	4.93E-08	3.51E-09	8.48E-08	1.87E-08	2.78E-08	4.41E-08	7.78E-09	2.59E-08	2.13E-07
5852	488402.76	3859830.95	2.41E-04	2.75E-04	1.39E-04	8.37E-08	2.53E-07	1.46E-07	1.67E-07	1.51E-07	6.89E-08	3.49E-08	2.79E-09	6.75E-08	1.49E-08	2.26E-08	3.59E-08	6.33E-09	1.83E-08	1.68E-07
5853	488404.14	3859898.55	2.20E-04	2.53E-04	1.22E-04	7.63E-08	2.30E-07	1.33E-07	1.53E-07	1.39E-07	6.33E-08	3.05E-08	2.55E-09	6.15E-08	1.36E-08	2.08E-08	3.29E-08	5.81E-09	1.60E-08	1.53E-07
5854	488505.18	3859964.96	2.19E-04	2.51E-04	1.23E-04	7.60E-08	2.29E-07	1.33E-07	1.52E-07	1.38E-07	6.29E-08	3.09E-08	2.54E-09	6.13E-08	1.35E-08	2.06E-08	3.27E-08	5.77E-09	1.62E-08	1.53E-07
5855	488604.85	3859963.76	2.24E-04	2.56E-04	1.27E-04	7.77E-08	2.35E-07	1.36E-07	1.55E-07	1.41E-07	6.42E-08	3.19E-08	2.60E-09	6.27E-08	1.38E-08	2.11E-08	3.34E-08	5.89E-09	1.67E-08	1.56E-07
5856	488704.51	3859962.56	2.27E-04	2.59E-04	1.29E-04	7.87E-08	2.38E-07	1.37E-07	1.57E-07	1.42E-07	6.49E-08	3.24E-08	2.63E-09	6.35E-08	1.40E-08	2.13E-08	3.38E-08	5.96E-09	1.70E-08	1.58E-07
5857	488804.18	3859961.37	2.28E-04	2.60E-04	1.29E-04	7.90E-08	2.39E-07	1.38E-07	1.58E-07	1.43E-07	6.53E-08	3.24E-08	2.64E-09	6.37E-08	1.41E-08	2.14E-08	3.40E-08	5.99E-09	1.70E-08	1.59E-07
5858	488903.85	3859960.17	2.28E-04	2.60E-04	1.28E-04	7.89E-08	2.38E-07	1.38E-07	1.58E-07	1.43E-07	6.52E-08	3.22E-08	2.63E-09	6.36E-08	1.40E-08	2.14E-08	3.40E-08	5.99E-09	1.69E-08	1.59E-07
5859	489003.52	3859958.97	2.27E-04	2.59E-04	1.27E-04	7.85E-08	2.37E-07	1.37E-07	1.57E-07	1.42E-07	6.50E-08	3.18E-08	2.62E-09	6.33E-08	1.40E-08	2.13E-08	3.38E-08	5.96E-09	1.67E-08	1.58E-07
5860	489103.18	3859957.77	2.25E-04	2.58E-04	1.25E-04	7.81E-08	2.36E-07	1.37E-07	1.57E-07	1.42E-07	6.48E-08	3.14E-08	2.61E-09	6.30E-08	1.39E-08	2.13E-08	3.37E-08	5.94E-09	1.65E-08	1.57E-07
5861	489201.48	3860046.59	2.14E-04	2.46E-04	1.18E-04	7.43E-08	2.24E-07	1.30E-07	1.49E-07	1.35E-07	6.17E-08	2.95E-08	2.48E-09	5.99E-08	1.32E-08	2.02E-08	3.21E-08	5.66E-09	1.55E-08	1.49E-07
5862	489200.11	3860136.61	2.04E-04	2.34E-04	1.12E-04	7.07E-08	2.13E-07	1.24E-07	1.42E-07	1.29E-07	5.87E-08	2.80E-08	2.36E-09	5.70E-08	1.26E-08	1.93E-08	3.06E-08	5.39E-09	1.47E-08	1.42E-07
5863	489198.74	3860226.63	1.95E-04	2.24E-04	1.06E-04	6.75E-08	2.04E-07	1.18E-07	1.36E-07	1.23E-07	5.61E-08	2.66E-08	2.25E-09	5.44E-08	1.20E-08	1.84E-08	2.92E-08	5.15E-09	1.40E-08	1.35E-07
5864	489197.38	3860316.66	1.86E-04	2.14E-04	1.01E-04	6.44E-08	1.94E-07	1.12E-07	1.29E-07	1.17E-07	5.35E-08	2.53E-08	2.15E-09	5.19E-08	1.15E-08	1.76E-08	2.79E-08	4.91E-09	1.33E-08	1.29E-07
5865	489196.01	3860406.68	1.77E-04	2.04E-04	9.56E-05	6.14E-08	1.85E-07	1.07E-07	1.24E-07	1.12E-07	5.11E-08	2.40E-08	2.05E-09	4.95E-08	1.09E-08	1.68E-08	2.66E-08	4.69E-09	1.26E-08	1.23E-07
5866	489194.64	3860496.7	1.68E-04	1.94E-04	9.03E-05	5.84E-08	1.76E-07	1.02E-07	1.18E-07	1.07E-07	4.86E-08	2.26E-08	1.95E-09	4.71E-08	1.04E-08	1.60E-08	2.53E-08	4.46E-09	1.19E-08	1.17E-07
5867	489193.27	3860586.72	1.61E-04	1.86E-04	8.59E-05	5.58E-08	1.68E-07	9.75E-08	1.12E-07	1.02E-07	4.65E-08	2.15E-08	1.86E-09	4.50E-08	9.93E-09	1.53E-08	2.42E-08	4.27E-09	1.13E-08	1.12E-07
5868	489092.02	3860678.13	1.53E-04	1.77E-04	8.14E-05	5.31E-08	1.60E-07	9.28E-08	1.07E-07	9.71E-08	4.43E-08	2.04E-08	1.77E-09	4.28E-08	9.45E-09	1.45E-08	2.31E-08	4.07E-09	1.07E-08	1.06E-07
5869	488992.13	3860679.53	1.52E-04	1.76E-04	8.10E-05	5.28E-08	1.59E-07	9.22E-08	1.06E-07	9.65E-08	4.40E-08	2.03E-08	1.76E-09	4.26E-08	9.39E-09	1.45E-08	2.29E-08	4.04E-09	1.06E-08	1.06E-07
5870	488892.25	3860680.92	1.51E-04	1.75E-04	8.04E-05	5.24E-08	1.58E-07	9.16E-08	1.06E-07	9.58E-08	4.37E-08	2.02E-08	1.75E-09	4.23E-08	9.33E-09	1.44E-08	2.28E-08	4.01E-09	1.06E-08	1.05E-07
5871	488792.36	3860682.31	1.50E-04	1.73E-04	7.96E-05	5.19E-08	1.57E-07	9.07E-08	1.05E-07	9.49E-08	4.33E-08	2.00E-08	1.73E-09	4.19E-08	9.24E-09	1.42E-08	2.26E-08	3.97E-09	1.05E-08	1.04E-07
5872	488692.48	3860683.7	1.48E-04	1.71E-04	7.88E-05	5.14E-08	1.55E-07	8.99E-08	1.04E-07	9.40E-08	4.29E-08	1.98E-08	1.72E-09	4.15E-08	9.15E-09	1.41E-08	2.23E-08	3.94E-09	1.04E-08	1.03E-07
5873	488592.59	3860685.1	1.46E-04	1.69E-04	7.78E-05	5.07E-08	1.53E-07	8.87E-08	1.02E-07	9.28E-08	4.24E-08	1.95E-08	1.69E-09	4.09E-08	9.03E-09	1.39E-08	2.21E-08	3.89E-09	1.02E-08	1.02E-07
5874	488492.71	3860686.49	1.46E-04	1.68E-04	7.75E-05	5.06E-08	1.53E-07	8.84E-08	1.02E-07	9.25E-08	4.22E-08	1.94E-08	1.69E-09	4.08E-08	9.00E-09	1.38E-08	2.20E-08	3.87E-09	1.02E-08	1.01E-07
5875	488299.07	3860762.18	1.42E-04	1.64E-04	7.51E-05	4.91E-08	1.48E-07	8.59E-08	9.92E-08	8.99E-08	4.10E-08	1.88E-08	1.64E-09	3.96E-08	8.75E-09	1.35E-08	2.14E-08	3.77E-09	9.88E-09	9.85E-08

5876	488205.32	3860764.09	1.40E-04	1.62E-04	7.44E-05	4.87E-08	1.47E-07	8.51E-08	9.83E-08	8.91E-08	4.06E-08	1.86E-08	1.63E-09	3.93E-08	8.66E-09	1.33E-08	2.12E-08	3.73E-09	9.78E-09	9.76E-08
5877	488111.56	3860766	1.39E-04	1.61E-04	7.36E-05	4.82E-08	1.45E-07	8.42E-08	9.73E-08	8.82E-08	4.02E-08	1.84E-08	1.61E-09	3.89E-08	8.58E-09	1.32E-08	2.10E-08	3.69E-09	9.68E-09	9.66E-08
5878	488017.81	3860767.91	1.38E-04	1.59E-04	7.29E-05	4.78E-08	1.44E-07	8.35E-08	9.64E-08	8.74E-08	3.99E-08	1.83E-08	1.59E-09	3.85E-08	8.50E-09	1.31E-08	2.08E-08	3.66E-09	9.59E-09	9.57E-08
5879	487924.06	3860769.81	1.37E-04	1.58E-04	7.24E-05	4.75E-08	1.43E-07	8.29E-08	9.58E-08	8.69E-08	3.96E-08	1.81E-08	1.58E-09	3.83E-08	8.45E-09	1.30E-08	2.06E-08	3.64E-09	9.52E-09	9.51E-08
5880	487830.31	3860771.72	1.36E-04	1.58E-04	7.20E-05	4.72E-08	1.43E-07	8.26E-08	9.54E-08	8.65E-08	3.95E-08	1.80E-08	1.58E-09	3.81E-08	8.41E-09	1.30E-08	2.06E-08	3.62E-09	9.47E-09	9.47E-08
5881	487736.55	3860773.63	1.36E-04	1.57E-04	7.17E-05	4.71E-08	1.42E-07	8.23E-08	9.51E-08	8.62E-08	3.93E-08	1.80E-08	1.57E-09	3.80E-08	8.38E-09	1.29E-08	2.05E-08	3.61E-09	9.43E-09	9.43E-08
5882	487642.8	3860775.54	1.36E-04	1.57E-04	7.15E-05	4.70E-08	1.42E-07	8.21E-08	9.49E-08	8.60E-08	3.93E-08	1.79E-08	1.57E-09	3.79E-08	8.36E-09	1.29E-08	2.04E-08	3.60E-09	9.40E-09	9.42E-08
5883	487549.48	3860684.71	1.40E-04	1.62E-04	7.40E-05	4.86E-08	1.47E-07	8.50E-08	9.82E-08	8.90E-08	4.06E-08	1.85E-08	1.62E-09	3.92E-08	8.65E-09	1.33E-08	2.12E-08	3.73E-09	9.73E-09	9.74E-08
5884	487549.91	3860591.97	1.45E-04	1.67E-04	7.64E-05	5.02E-08	1.52E-07	8.77E-08	1.01E-07	9.19E-08	4.19E-08	1.91E-08	1.68E-09	4.05E-08	8.93E-09	1.38E-08	2.18E-08	3.85E-09	1.00E-08	1.01E-07
5885	487550.34	3860499.23	1.50E-04	1.74E-04	7.94E-05	5.21E-08	1.57E-07	9.10E-08	1.05E-07	9.54E-08	4.35E-08	1.99E-08	1.74E-09	4.20E-08	9.27E-09	1.43E-08	2.27E-08	3.99E-09	1.04E-08	1.04E-07
5886	487550.76	3860406.49	1.57E-04	1.81E-04	8.28E-05	5.43E-08	1.64E-07	9.48E-08	1.10E-07	9.93E-08	4.53E-08	2.07E-08	1.81E-09	4.38E-08	9.66E-09	1.49E-08	2.36E-08	4.16E-09	1.09E-08	1.09E-07
5887	487551.19	3860313.75	1.63E-04	1.88E-04	8.62E-05	5.64E-08	1.70E-07	9.86E-08	1.14E-07	1.03E-07	4.71E-08	2.16E-08	1.88E-09	4.55E-08	1.00E-08	1.55E-08	2.45E-08	4.32E-09	1.13E-08	1.13E-07
5888	487551.62	3860221.01	1.70E-04	1.96E-04	8.98E-05	5.88E-08	1.77E-07	1.03E-07	1.19E-07	1.08E-07	4.91E-08	2.25E-08	1.96E-09	4.74E-08	1.05E-08	1.61E-08	2.55E-08	4.50E-09	1.18E-08	1.18E-07
5889	487552.05	3860128.27	1.78E-04	2.05E-04	9.42E-05	6.16E-08	1.86E-07	1.08E-07	1.24E-07	1.13E-07	5.14E-08	2.36E-08	2.06E-09	4.97E-08	1.10E-08	1.69E-08	2.68E-08	4.72E-09	1.24E-08	1.23E-07
5890	487552.48	3860035.53	1.86E-04	2.15E-04	9.87E-05	6.45E-08	1.95E-07	1.13E-07	1.30E-07	1.18E-07	5.38E-08	2.47E-08	2.15E-09	5.20E-08	1.15E-08	1.77E-08	2.80E-08	4.94E-09	1.30E-08	1.29E-07
5891	487552.91	3859942.79	1.94E-04	2.24E-04	1.03E-04	6.71E-08	2.03E-07	1.17E-07	1.35E-07	1.23E-07	5.60E-08	2.58E-08	2.24E-09	5.41E-08	1.19E-08	1.84E-08	2.92E-08	5.14E-09	1.35E-08	1.35E-07
5892	487553.33	3859850.05	2.04E-04	2.35E-04	1.08E-04	7.06E-08	2.13E-07	1.23E-07	1.42E-07	1.29E-07	5.89E-08	2.71E-08	2.36E-09	5.69E-08	1.26E-08	1.93E-08	3.07E-08	5.40E-09	1.42E-08	1.41E-07
5893	487553.76	3859757.31	2.13E-04	2.46E-04	1.13E-04	7.38E-08	2.23E-07	1.29E-07	1.49E-07	1.35E-07	6.16E-08	2.84E-08	2.47E-09	5.96E-08	1.31E-08	2.02E-08	3.21E-08	5.66E-09	1.49E-08	1.48E-07
5894	487554.19	3859664.57	2.23E-04	2.58E-04	1.19E-04	7.74E-08	2.34E-07	1.35E-07	1.56E-07	1.41E-07	6.46E-08	2.98E-08	2.58E-09	6.24E-08	1.38E-08	2.12E-08	3.36E-08	5.92E-09	1.56E-08	1.55E-07
5895	487460.2	3859571.05	2.32E-04	2.68E-04	1.23E-04	8.04E-08	2.43E-07	1.40E-07	1.62E-07	1.47E-07	6.71E-08	3.09E-08	2.68E-09	6.48E-08	1.43E-08	2.20E-08	3.49E-08	6.15E-09	1.62E-08	1.61E-07
5896	487365.78	3859570.27	2.30E-04	2.66E-04	1.22E-04	7.97E-08	2.41E-07	1.39E-07	1.61E-07	1.46E-07	6.66E-08	3.06E-08	2.66E-09	6.43E-08	1.42E-08	2.18E-08	3.47E-08	6.11E-09	1.60E-08	1.60E-07
5897	487271.36	3859569.48	2.28E-04	2.63E-04	1.21E-04	7.89E-08	2.38E-07	1.38E-07	1.59E-07	1.44E-07	6.59E-08	3.02E-08	2.64E-09	6.37E-08	1.40E-08	2.16E-08	3.43E-08	6.05E-09	1.59E-08	1.58E-07
5898	487176.94	3859568.7	2.25E-04	2.60E-04	1.19E-04	7.81E-08	2.36E-07	1.37E-07	1.58E-07	1.43E-07	6.52E-08	2.99E-08	2.61E-09	6.30E-08	1.39E-08	2.14E-08	3.40E-08	5.99E-09	1.57E-08	1.57E-07
5899	487082.51	3859567.92	2.24E-04	2.59E-04	1.18E-04	7.76E-08	2.34E-07	1.36E-07	1.57E-07	1.42E-07	6.48E-08	2.97E-08	2.59E-09	6.26E-08	1.38E-08	2.13E-08	3.37E-08	5.95E-09	1.56E-08	1.55E-07
5900	486988.09	3859567.14	2.23E-04	2.58E-04	1.18E-04	7.73E-08	2.33E-07	1.35E-07	1.56E-07	1.41E-07	6.45E-08	2.95E-08	2.58E-09	6.23E-08	1.38E-08	2.12E-08	3.36E-08	5.92E-09	1.55E-08	1.55E-07
5901	486893.67	3859566.36	2.23E-04	2.58E-04	1.18E-04	7.72E-08	2.33E-07	1.35E-07	1.56E-07	1.41E-07	6.45E-08	2.95E-08	2.58E-09	6.23E-08	1.37E-08	2.12E-08	3.36E-08	5.92E-09	1.55E-08	1.55E-07
5902	486799.25	3859565.58	2.23E-04	2.58E-04	1.18E-04	7.74E-08	2.34E-07	1.35E-07	1.56E-07	1.42E-07	6.47E-08	2.95E-08	2.58E-09	6.24E-08	1.38E-08	2.12E-08	3.37E-08	5.93E-09	1.55E-08	1.55E-07
5903	486704.83	3859564.79	2.24E-04	2.59E-04	1.18E-04	7.76E-08	2.34E-07	1.36E-07	1.57E-07	1.42E-07	6.49E-08	2.96E-08	2.59E-09	6.26E-08	1.38E-08	2.13E-08	3.38E-08	5.95E-09	1.55E-08	1.56E-07
5904	486610.41	3859564.01	2.25E-04	2.60E-04	1.18E-04	7.80E-08	2.35E-07	1.36E-07	1.58E-07	1.43E-07	6.52E-08	2.97E-08	2.60E-09	6.29E-08	1.39E-08	2.14E-08	3.39E-08	5.98E-09	1.56E-08	1.56E-07
5905	486515.99	3859563.23	2.25E-04	2.61E-04	1.19E-04	7.81E-08	2.36E-07	1.37E-07	1.58E-07	1.43E-07	6.53E-08	2.97E-08	2.61E-09	6.30E-08	1.39E-08	2.14E-08	3.40E-08	5.99E-09	1.56E-08	1.57E-07
5906	486421.57	3859562.45	2.27E-04	2.62E-04	1.19E-04	7.85E-08	2.37E-07	1.37E-07	1.59E-07	1.44E-07	6.56E-08	2.99E-08	2.62E-09	6.33E-08	1.40E-08	2.15E-08	3.42E-08	6.02E-09	1.57E-08	1.57E-07
5907	486327.14	3859561.67	2.28E-04	2.64E-04	1.20E-04	7.91E-08	2.39E-07	1.38E-07	1.60E-07	1.45E-07	6.62E-08	3.01E-08	2.64E-09	6.38E-08	1.41E-08	2.17E-08	3.45E-08	6.07E-09	1.58E-08	1.59E-07
5908	486232.72	3859560.89	2.29E-04	2.65E-04	1.20E-04	7.94E-08	2.40E-07	1.39E-07	1.60E-07	1.45E-07	6.64E-08	3.02E-08	2.65E-09	6.40E-08	1.41E-08	2.18E-08	3.46E-08	6.09E-09	1.58E-08	1.59E-07
5909	486138.3	3859560.1	2.30E-04	2.65E-04	1.21E-04	7.95E-08	2.40E-07	1.39E-07	1.61E-07	1.46E-07	6.65E-08	3.02E-08	2.66E-09	6.42E-08	1.42E-08	2.18E-08	3.46E-08	6.10E-09	1.59E-08	1.59E-07
5910	486043.88	3859559.32	2.29E-04	2.65E-04	1.20E-04	7.95E-08	2.40E-07	1.39E-07	1.61E-07	1.46E-07	6.64E-08	3.02E-08	2.65E-09	6.41E-08	1.41E-08	2.18E-08	3.46E-08	6.10E-09	1.58E-08	1.59E-07
5911	485949.35	3859463.54	2.41E-04	2.78E-04	1.26E-04	8.34E-08	2.52E-07	1.46E-07	1.69E-07	1.53E-07	6.97E-08	3.17E-08	2.78E-09	6.72E-08	1.48E-08	2.29E-08	3.63E-08	6.40E-09	1.66E-08	1.67E-07
5912	485949.24	3859368.55	2.53E-04	2.93E-04	1.33E-04	8.78E-08	2.65E-07	1.53E-07	1.77E-07	1.61E-07	7.34E-08	3.33E-08	2.93E-09	7.08E-08	1.56E-08	2.41E-08	3.82E-08	6.74E-09	1.75E-08	1.76E-07
5913	485949.12	3859273.55	2.68E-04	3.09E-04	1.41E-04	9.27E-08	2.80E-07	1.62E-07	1.87E-07	1.70E-07	7.75E-08	3.52E-08	3.10E-09	7.48E-08	1.65E-08	2.55E-08	4.04E-08	7.12E-09	1.85E-08	1.86E-07
5914	485949.01	3859178.56	2.83E-04	3.27E-04	1.49E-04	9.80E-08	2.96E-07	1.71E-07	1.98E-07	1.80E-07	8.20E-08	3.72E-08	3.27E-09	7.91E-08	1.74E-08	2.69E-08	4.27E-08	7.52E-09	1.95E-08	1.96E-07
5915	485948.9	3859083.56	3.00E-04	3.47E-04	1.58E-04	1.04E-07	3.14E-07	1.82E-07	2.10E-07	1.91E-07	8.70E-08	3.95E-08	3.48E-09	8.40E-08	1.85E-08	2.86E-08	4.53E-08	7.99E-09	2.07E-08	2.09E-07
5916	485948.79	3858988.56	3.18E-04	3.68E-04	1.67E-04	1.10E-07	3.33E-07	1.93E-07	2.23E-07	2.02E-07	9.23E-08	4.19E-08	3.69E-09	8.90E-08	1.96E-08	3.03E-08	4.81E-08	8.47E-09	2.20E-08	2.21E-07
5917	485948.67	3858893.57	3.38E-04	3.91E-04	1.77E-04	1.17E-07	3.54E-07	2.05E-07	2.37E-07	2.15E-07	9.79E-08	4.44E-08	3.91E-09	9.45E-08	2.08E-08	3.21E-08	5.10E-08	8.99E-09	2.33E-08	2.35E-07
5918	485948.56	3858798.57	3.61E-04	4.18E-04	1.89E-04	1.25E-07	3.78E-07	2.19E-07	2.53E-07	2.29E-07	1.05E-07	4.75E-08	4.18E-09	1.01E-07	2.23E-08	3.43E-08	5.45E-08	9.60E-09	2.49E-08	2.51E-07
5919	485948.45	3858703.58	3.83E-04	4.43E-04	2.01E-04	1.33E-07	4.01E-07	2.32E-07	2.68E-07	2.43E-07	1.11E-07	5.03E-08	4.43E-09	1.07E-07	2.36E-08	3.64E-08	5.78E-08	1.02E-08	2.64E-08	2.66E-07
5920	485948.34	3858608.58	4.09E-04	4.74E-04	2.15E-04	1.42E-07	4.28E-07	2.48E-07	2.87E-07	2.60E-07	1.19E-07	5.38E-08	4.74E-09	1.14E-07	2.53E-08	3.90E-08	6.18E-08	1.09E-08	2.82E-08	2.84E-07
5921	485948.22	3858513.59	4.39E-04	5.08E-04	2.30E-04	1.52E-07	4.59E-07	2.66E-07	3.07E-07	2.79E-07	1.27E-07	5.76E-08	5.08E-09	1.23E-07	2.71E-08	4.17E-08	6.62E-08	1.17E-08	3.02E-08	3.05E-07
5922	485948.11	3858418.59	4.70E-04	5.44E-04	2.46E-04	1.63E-07	4.92E-07	2.85E-07	3.30E-07	2.99E-07	1.36E-07	6.17E-08	5.44E-09	1.31E-07	2.90E-08	4.48E-08	7.10E-08	1.25E-08	3.24E-08	3.27E-07
5923	485948	3858323.59	5.08E-04	5.88E-04	2.66E-04	1.76E-07	5.32E-07	3.08E-07	3.56E-07	3.23E-07	1.47E-07	6.66E-08	5.88E-09	1.42E-07	3.13E-08	4.84E-08	7.67E-08	1.35E-08	3.50E-08	3.53E-07
5924	485947.89	3858228.6	5.48E-04	6.34E-04	2.86E-04	1.90E-07	5.73E-07	3.32E-07	3.84E-07	3.48E-07	1.59E-07	7.18E-08	6.34E-09	1.53E-07	3.38E-08	5.21E-08	8.27E-08	1.46E-08	3.77E-08	3.80E-07
5925	485947.77	3858133.6	5.91E-04	6.85E-04	3.09E-04	2.05E-07	6.19E-07	3.58E-07	4.15E-07	3.76E-07	1.72E-07	7.75E-08	6.85E-09	1.65E-07	3.65E-08	5.63E-08	8.93E-08	1.57E-08	4.07E-08	4.11E-07
5926	485947.66	3858038.61	6.49E-04	7.51E-04	3.39E-04	2.25E-07	6.79E-07	3.93E-07	4.55E-07	4.12E-07	1.88E-07	8.49E-08	7.51E-09	1.81E-07	4.00E-08	6.17E-08	9.79E-08	1.73E-08	4.46E-08	4.50E-07
5927	485854.54	3857943.35	6.90E-04	7.98E-04	3.60E-04	2.39E-07	7.22E-07	4.18E-07	4.84E-07	4.38E-07	2.00E-07	9.02E-08	7.98E-09	1.93E-07	4.25E-08	6.57E-08	1.04E-07	1.84E-08	4.73E-08	4.79E-07
5928	485761.52	3857943.09	6.75E-04	7.81E-04	3.52E-04	2.34E-07	7.06E-07	4.09E-07	4.73E-07	4.29E-07	1.96E-07	8.82E-08	7.81E-09	1.89E-07	4.16E-08	6.42E-08	1.02E-07	1.80E-08	4.63E-08	4.68E-07

5929	485668.51	3857942.83	6.62E-04	7.67E-04	3.46E-04	2.30E-07	6.93E-07	4.01E-07	4.64E-07	4.21E-07	1.92E-07	8.66E-08	7.66E-09	1.85E-07	4.08E-08	6.30E-08	1.00E-07	1.76E-08	4.55E-08	4.60E-07
5930	485575.5	3857942.56	6.47E-04	7.49E-04	3.38E-04	2.24E-07	6.77E-07	3.92E-07	4.54E-07	4.11E-07	1.88E-07	8.46E-08	7.49E-09	1.81E-07	3.99E-08	6.16E-08	9.77E-08	1.72E-08	4.44E-08	4.49E-07
5931	485482.48	3857942.3	6.35E-04	7.35E-04	3.31E-04	2.20E-07	6.64E-07	3.85E-07	4.45E-07	4.04E-07	1.84E-07	8.30E-08	7.35E-09	1.77E-07	3.92E-08	6.04E-08	9.59E-08	1.69E-08	4.36E-08	4.41E-07
5932	485389.47	3857942.04	6.23E-04	7.21E-04	3.25E-04	2.16E-07	6.52E-07	3.77E-07	4.37E-07	3.96E-07	1.81E-07	8.15E-08	7.21E-09	1.74E-07	3.84E-08	5.93E-08	9.41E-08	1.66E-08	4.27E-08	4.33E-07
5933	485296.46	3857941.78	6.12E-04	7.08E-04	3.19E-04	2.12E-07	6.40E-07	3.70E-07	4.29E-07	3.89E-07	1.77E-07	7.99E-08	7.08E-09	1.71E-07	3.77E-08	5.82E-08	9.24E-08	1.63E-08	4.20E-08	4.25E-07
5934	485203.45	3857941.52	6.03E-04	6.98E-04	3.14E-04	2.09E-07	6.31E-07	3.65E-07	4.23E-07	3.83E-07	1.75E-07	7.88E-08	6.97E-09	1.68E-07	3.72E-08	5.74E-08	9.10E-08	1.60E-08	4.13E-08	4.18E-07
5935	485110.43	3857941.26	5.91E-04	6.84E-04	3.08E-04	2.05E-07	6.18E-07	3.58E-07	4.14E-07	3.75E-07	1.71E-07	7.72E-08	6.84E-09	1.65E-07	3.64E-08	5.62E-08	8.92E-08	1.57E-08	4.05E-08	4.10E-07
5936	485017.42	3857940.99	5.78E-04	6.69E-04	3.01E-04	2.00E-07	6.04E-07	3.50E-07	4.05E-07	3.67E-07	1.68E-07	7.55E-08	6.69E-09	1.61E-07	3.56E-08	5.50E-08	8.72E-08	1.54E-08	3.96E-08	4.01E-07
5937	484924.41	3857940.73	5.65E-04	6.54E-04	2.95E-04	1.96E-07	5.91E-07	3.42E-07	3.96E-07	3.59E-07	1.64E-07	7.39E-08	6.54E-09	1.58E-07	3.49E-08	5.38E-08	8.53E-08	1.50E-08	3.88E-08	3.92E-07
5938	484831.39	3857940.47	5.54E-04	6.41E-04	2.89E-04	1.92E-07	5.79E-07	3.35E-07	3.88E-07	3.52E-07	1.61E-07	7.24E-08	6.41E-09	1.55E-07	3.42E-08	5.27E-08	8.36E-08	1.47E-08	3.80E-08	3.84E-07
5939	484738.12	3857859.3	5.71E-04	6.61E-04	2.98E-04	1.98E-07	5.97E-07	3.46E-07	4.00E-07	3.63E-07	1.65E-07	7.46E-08	6.60E-09	1.59E-07	3.52E-08	5.43E-08	8.62E-08	1.52E-08	3.91E-08	3.96E-07
5940	484737.85	3857778.4	6.02E-04	6.97E-04	3.14E-04	2.09E-07	6.30E-07	3.65E-07	4.22E-07	3.83E-07	1.75E-07	7.87E-08	6.97E-09	1.68E-07	3.71E-08	5.73E-08	9.10E-08	1.60E-08	4.13E-08	4.18E-07
5941	484737.59	3857697.49	6.34E-04	7.34E-04	3.31E-04	2.20E-07	6.63E-07	3.84E-07	4.45E-07	4.03E-07	1.84E-07	8.28E-08	7.34E-09	1.77E-07	3.91E-08	6.04E-08	9.58E-08	1.69E-08	4.35E-08	4.40E-07
5942	484737.32	3857616.59	6.66E-04	7.71E-04	3.47E-04	2.31E-07	6.97E-07	4.03E-07	4.67E-07	4.23E-07	1.93E-07	8.70E-08	7.70E-09	1.86E-07	4.11E-08	6.34E-08	1.01E-07	1.77E-08	4.56E-08	4.62E-07
5943	484645.53	3857535.18	6.79E-04	7.87E-04	3.54E-04	2.35E-07	7.11E-07	4.12E-07	4.76E-07	4.32E-07	1.97E-07	8.88E-08	7.86E-09	1.90E-07	4.19E-08	6.47E-08	1.03E-07	1.81E-08	4.66E-08	4.72E-07
5944	484553.99	3857534.67	6.57E-04	7.60E-04	3.43E-04	2.28E-07	6.87E-07	3.98E-07	4.61E-07	4.18E-07	1.91E-07	8.58E-08	7.60E-09	1.84E-07	4.05E-08	6.25E-08	9.92E-08	1.75E-08	4.50E-08	4.56E-07
5945	484462.46	3857534.17	6.37E-04	7.37E-04	3.32E-04	2.21E-07	6.66E-07	3.86E-07	4.47E-07	4.05E-07	1.85E-07	8.32E-08	7.37E-09	1.78E-07	3.93E-08	6.06E-08	9.62E-08	1.70E-08	4.37E-08	4.42E-07
5946	484370.93	3857533.66	6.16E-04	7.14E-04	3.22E-04	2.14E-07	6.45E-07	3.73E-07	4.32E-07	3.92E-07	1.79E-07	8.06E-08	7.13E-09	1.72E-07	3.80E-08	5.87E-08	9.31E-08	1.64E-08	4.23E-08	4.28E-07
5947	484279.4	3857533.16	5.97E-04	6.91E-04	3.12E-04	2.07E-07	6.25E-07	3.62E-07	4.19E-07	3.80E-07	1.73E-07	7.81E-08	6.91E-09	1.67E-07	3.68E-08	5.69E-08	9.02E-08	1.59E-08	4.10E-08	4.15E-07
5948	484187.86	3857532.65	5.78E-04	6.69E-04	3.01E-04	2.00E-07	6.04E-07	3.50E-07	4.05E-07	3.67E-07	1.68E-07	7.55E-08	6.68E-09	1.61E-07	3.56E-08	5.50E-08	8.72E-08	1.54E-08	3.96E-08	4.01E-07
5949	484096.33	3857532.15	5.60E-04	6.48E-04	2.92E-04	1.94E-07	5.86E-07	3.39E-07	3.93E-07	3.56E-07	1.62E-07	7.32E-08	6.48E-09	1.56E-07	3.45E-08	5.33E-08	8.46E-08	1.49E-08	3.84E-08	3.89E-07
5950	484004.8	3857531.64	5.40E-04	6.25E-04	2.82E-04	1.87E-07	5.65E-07	3.27E-07	3.79E-07	3.43E-07	1.57E-07	7.06E-08	6.25E-09	1.51E-07	3.33E-08	5.14E-08	8.16E-08	1.44E-08	3.71E-08	3.75E-07
5951	483913.27	3857531.14	5.20E-04	6.02E-04	2.71E-04	1.80E-07	5.44E-07	3.15E-07	3.64E-07	3.30E-07	1.51E-07	6.79E-08	6.01E-09	1.45E-07	3.21E-08	4.95E-08	7.85E-08	1.38E-08	3.57E-08	3.61E-07
5952	483821.73	3857530.63	5.02E-04	5.81E-04	2.62E-04	1.74E-07	5.26E-07	3.04E-07	3.52E-07	3.19E-07	1.46E-07	6.57E-08	5.81E-09	1.40E-07	3.10E-08	4.78E-08	7.59E-08	1.34E-08	3.45E-08	3.49E-07
5953	483729.61	3857450.11	5.03E-04	5.83E-04	2.63E-04	1.74E-07	5.27E-07	3.05E-07	3.53E-07	3.20E-07	1.46E-07	6.58E-08	5.82E-09	1.41E-07	3.10E-08	4.79E-08	7.60E-08	1.34E-08	3.45E-08	3.49E-07
5954	483729.03	3857370.08	5.24E-04	6.06E-04	2.73E-04	1.82E-07	5.48E-07	3.17E-07	3.67E-07	3.33E-07	1.52E-07	6.85E-08	6.06E-09	1.46E-07	3.23E-08	4.99E-08	7.91E-08	1.39E-08	3.60E-08	3.64E-07
5955	483728.44	3857290.06	5.42E-04	6.27E-04	2.83E-04	1.88E-07	5.67E-07	3.28E-07	3.80E-07	3.44E-07	1.57E-07	7.09E-08	6.27E-09	1.51E-07	3.34E-08	5.16E-08	8.18E-08	1.44E-08	3.72E-08	3.76E-07
5956	483727.86	3857210.03	5.60E-04	6.48E-04	2.92E-04	1.94E-07	5.86E-07	3.39E-07	3.92E-07	3.56E-07	1.62E-07	7.32E-08	6.48E-09	1.56E-07	3.45E-08	5.33E-08	8.45E-08	1.49E-08	3.84E-08	3.89E-07
5957	483641.15	3857129.07	5.58E-04	6.46E-04	2.91E-04	1.93E-07	5.84E-07	3.38E-07	3.91E-07	3.55E-07	1.62E-07	7.30E-08	6.46E-09	1.56E-07	3.44E-08	5.31E-08	8.43E-08	1.48E-08	3.83E-08	3.87E-07
5958	483555.03	3857128.14	5.36E-04	6.21E-04	2.80E-04	1.86E-07	5.61E-07	3.25E-07	3.76E-07	3.41E-07	1.56E-07	7.02E-08	6.21E-09	1.50E-07	3.31E-08	5.11E-08	8.10E-08	1.43E-08	3.68E-08	3.72E-07
5959	483468.91	3857127.2	5.12E-04	5.93E-04	2.68E-04	1.78E-07	5.36E-07	3.10E-07	3.59E-07	3.26E-07	1.49E-07	6.70E-08	5.93E-09	1.43E-07	3.16E-08	4.88E-08	7.74E-08	1.36E-08	3.52E-08	3.56E-07
5960	483382.78	3857126.26	4.95E-04	5.73E-04	2.58E-04	1.72E-07	5.18E-07	3.00E-07	3.47E-07	3.15E-07	1.44E-07	6.48E-08	5.73E-09	1.38E-07	3.05E-08	4.71E-08	7.47E-08	1.32E-08	3.40E-08	3.44E-07
5961	483296.66	3857125.32	4.76E-04	5.51E-04	2.49E-04	1.65E-07	4.98E-07	2.88E-07	3.34E-07	3.03E-07	1.38E-07	6.23E-08	5.51E-09	1.33E-07	2.94E-08	4.53E-08	7.19E-08	1.27E-08	3.27E-08	3.30E-07
5962	483210.54	3857124.39	4.57E-04	5.29E-04	2.39E-04	1.58E-07	4.78E-07	2.77E-07	3.21E-07	2.91E-07	1.33E-07	5.98E-08	5.29E-09	1.28E-07	2.82E-08	4.35E-08	6.91E-08	1.22E-08	3.14E-08	3.17E-07
5963	483123.4	3857030.96	4.53E-04	5.25E-04	2.37E-04	1.57E-07	4.74E-07	2.75E-07	3.18E-07	2.88E-07	1.31E-07	5.93E-08	5.25E-09	1.27E-07	2.80E-08	4.31E-08	6.84E-08	1.21E-08	3.11E-08	3.15E-07
5964	483122.38	3856938.46	4.68E-04	5.42E-04	2.45E-04	1.62E-07	4.90E-07	2.84E-07	3.28E-07	2.98E-07	1.36E-07	6.13E-08	5.42E-09	1.31E-07	2.89E-08	4.46E-08	7.07E-08	1.25E-08	3.22E-08	3.25E-07
5965	483121.35	3856845.97	4.84E-04	5.60E-04	2.53E-04	1.68E-07	5.06E-07	2.93E-07	3.39E-07	3.07E-07	1.40E-07	6.33E-08	5.60E-09	1.35E-07	2.98E-08	4.60E-08	7.30E-08	1.29E-08	3.32E-08	3.36E-07
5966	483120.33	3856753.47	4.95E-04	5.73E-04	2.58E-04	1.71E-07	5.18E-07	3.00E-07	3.47E-07	3.14E-07	1.43E-07	6.48E-08	5.73E-09	1.38E-07	3.05E-08	4.71E-08	7.47E-08	1.32E-08	3.40E-08	3.44E-07
5967	483119.31	3856660.98	5.06E-04	5.86E-04	2.65E-04	1.76E-07	5.30E-07	3.07E-07	3.55E-07	3.22E-07	1.47E-07	6.63E-08	5.86E-09	1.42E-07	3.12E-08	4.82E-08	7.65E-08	1.35E-08	3.48E-08	3.52E-07
5968	483118.29	3856568.49	5.21E-04	6.02E-04	2.72E-04	1.80E-07	5.45E-07	3.15E-07	3.65E-07	3.31E-07	1.51E-07	6.82E-08	6.02E-09	1.46E-07	3.21E-08	4.95E-08	7.86E-08	1.39E-08	3.58E-08	3.61E-07
5969	483117.26	3856475.99	5.36E-04	6.20E-04	2.80E-04	1.86E-07	5.61E-07	3.25E-07	3.76E-07	3.41E-07	1.55E-07	7.02E-08	6.20E-09	1.50E-07	3.31E-08	5.10E-08	8.09E-08	1.43E-08	3.69E-08	3.72E-07
5970	483116.24	3856383.5	5.50E-04	6.37E-04	2.88E-04	1.91E-07	5.76E-07	3.33E-07	3.86E-07	3.50E-07	1.60E-07	7.21E-08	6.37E-09	1.54E-07	3.39E-08	5.24E-08	8.31E-08	1.46E-08	3.78E-08	3.82E-07
5971	483115.22	3856291.01	5.64E-04	6.53E-04	2.95E-04	1.96E-07	5.91E-07	3.42E-07	3.96E-07	3.59E-07	1.64E-07	7.40E-08	6.53E-09	1.58E-07	3.48E-08	5.37E-08	8.52E-08	1.50E-08	3.88E-08	3.92E-07
5972	483114.2	3856198.51	5.75E-04	6.66E-04	3.01E-04	1.99E-07	6.02E-07	3.49E-07	4.03E-07	3.66E-07	1.67E-07	7.55E-08	6.66E-09	1.61E-07	3.55E-08	5.48E-08	8.69E-08	1.53E-08	3.96E-08	4.00E-07
5973	483113.17	3856106.02	5.90E-04	6.83E-04	3.09E-04	2.05E-07	6.18E-07	3.58E-07	4.14E-07	3.75E-07	1.71E-07	7.75E-08	6.83E-09	1.65E-07	3.64E-08	5.62E-08	8.91E-08	1.57E-08	4.07E-08	4.10E-07
5974	483112.15	3856013.52	5.98E-04	6.92E-04	3.13E-04	2.07E-07	6.26E-07	3.62E-07	4.19E-07	3.80E-07	1.73E-07	7.85E-08	6.92E-09	1.67E-07	3.69E-08	5.69E-08	9.03E-08	1.59E-08	4.12E-08	4.15E-07
5975	483029.25	3855920.47	5.72E-04	6.62E-04	2.99E-04	1.98E-07	5.99E-07	3.47E-07	4.01E-07	3.64E-07	1.66E-07	7.50E-08	6.62E-09	1.60E-07	3.53E-08	5.44E-08	8.64E-08	1.52E-08	3.94E-08	3.97E-07
5976	482947.37	3855919.91	5.43E-04	6.28E-04	2.84E-04	1.88E-07	5.68E-07	3.29E-07	3.81E-07	3.45E-07	1.57E-07	7.12E-08	6.28E-09	1.52E-07	3.35E-08	5.17E-08	8.20E-08	1.44E-08	3.73E-08	3.77E-07
5977	482865.49	3855919.36	5.15E-04	5.96E-04	2.69E-04	1.79E-07	5.39E-07	3.12E-07	3.61E-07	3.27E-07	1.49E-07	6.75E-08	5.96E-09	1.44E-07	3.18E-08	4.90E-08	7.78E-08	1.37E-08	3.54E-08	3.58E-07
5978	482783.61	3855918.8	4.92E-04	5.70E-04	2.57E-04	1.71E-07	5.15E-07	2.98E-07	3.45E-07	3.13E-07	1.43E-07	6.45E-08	5.70E-09	1.38E-07	3.04E-08	4.68E-08	7.43E-08	1.31E-08	3.38E-08	3.42E-07
5979	482700.33	3855818.39	4.68E-04	5.42E-04	2.45E-04	1.62E-07	4.90E-07	2.84E-07	3.28E-07	2.98E-07	1.36E-07	6.13E-08	5.42E-09	1.31E-07	2.89E-08	4.46E-08	7.07E-08	1.25E-08	3.22E-08	3.25E-07
5980	482698.92	3855718.54	4.68E-04	5.42E-04	2.45E-04	1.62E-07	4.90E-07	2.84E-07	3.28E-07	2.97E-07	1.36E-07	6.13E-08	5.42E-09	1.31E-07	2.89E-08	4.46E-08	7.07E-08	1.25E-08	3.22E-08	3.25E-07
5981	482697.52	3855618.68	4.65E-04	5.39E-04	2.43E-04	1.61E-07	4.87E-07	2.82E-07	3.26E-07	2.96E-07	1.35E-07	6.09E-08	5.38E-09	1.30E-07	2.87E-08	4.43E-08	7.03E-08	1.24E-08	3.20E-08	3.23E-07

5982	482696.11	3855518.83	4.65E-04	5.38E-04	2.43E-04	1.61E-07	4.86E-07	2.81E-07	3.26E-07	2.95E-07	1.35E-07	6.08E-08	5.38E-09	1.30E-07	2.87E-08	4.42E-08	7.02E-08	1.24E-08	3.19E-08	3.23E-07
5983	482694.71	3855418.98	4.58E-04	5.30E-04	2.39E-04	1.59E-07	4.79E-07	2.77E-07	3.21E-07	2.91E-07	1.33E-07	5.99E-08	5.30E-09	1.28E-07	2.82E-08	4.36E-08	6.92E-08	1.22E-08	3.14E-08	3.18E-07
5984	482693.3	3855319.13	4.49E-04	5.20E-04	2.34E-04	1.56E-07	4.70E-07	2.72E-07	3.15E-07	2.85E-07	1.30E-07	5.87E-08	5.20E-09	1.26E-07	2.77E-08	4.27E-08	6.78E-08	1.19E-08	3.08E-08	3.12E-07
5985	482691.9	3855219.27	4.41E-04	5.10E-04	2.30E-04	1.53E-07	4.61E-07	2.67E-07	3.09E-07	2.80E-07	1.28E-07	5.77E-08	5.10E-09	1.23E-07	2.72E-08	4.20E-08	6.66E-08	1.17E-08	3.03E-08	3.06E-07
5986	482690.49	3855119.42	4.30E-04	4.97E-04	2.25E-04	1.49E-07	4.50E-07	2.60E-07	3.01E-07	2.73E-07	1.25E-07	5.63E-08	4.97E-09	1.20E-07	2.65E-08	4.09E-08	6.49E-08	1.14E-08	2.96E-08	2.98E-07
5987	482689.09	3855019.57	4.21E-04	4.87E-04	2.21E-04	1.46E-07	4.40E-07	2.55E-07	2.95E-07	2.67E-07	1.22E-07	5.52E-08	4.87E-09	1.18E-07	2.60E-08	4.00E-08	6.35E-08	1.12E-08	2.90E-08	2.92E-07
5988	482687.68	3854919.72	4.06E-04	4.69E-04	2.13E-04	1.41E-07	4.24E-07	2.46E-07	2.84E-07	2.58E-07	1.18E-07	5.33E-08	4.69E-09	1.13E-07	2.50E-08	3.86E-08	6.12E-08	1.08E-08	2.80E-08	2.82E-07
5989	482686.28	3854819.86	3.89E-04	4.50E-04	2.04E-04	1.35E-07	4.07E-07	2.36E-07	2.73E-07	2.47E-07	1.13E-07	5.11E-08	4.51E-09	1.09E-07	2.40E-08	3.70E-08	5.88E-08	1.04E-08	2.68E-08	2.70E-07
5990	482684.88	3854720.01	3.67E-04	4.25E-04	1.92E-04	1.27E-07	3.84E-07	2.22E-07	2.57E-07	2.33E-07	1.06E-07	4.81E-08	4.25E-09	1.03E-07	2.26E-08	3.49E-08	5.54E-08	9.76E-09	2.52E-08	2.55E-07
5991	482683.47	3854620.16	3.47E-04	4.01E-04	1.81E-04	1.20E-07	3.63E-07	2.10E-07	2.43E-07	2.20E-07	1.01E-07	4.54E-08	4.01E-09	9.70E-08	2.14E-08	3.30E-08	5.24E-08	9.23E-09	2.38E-08	2.41E-07
5992	482682.07	3854520.31	3.26E-04	3.77E-04	1.70E-04	1.13E-07	3.41E-07	1.98E-07	2.29E-07	2.07E-07	9.46E-08	4.27E-08	3.77E-09	9.12E-08	2.01E-08	3.10E-08	4.92E-08	8.68E-09	2.24E-08	2.26E-07
5993	482680.66	3854420.45	3.09E-04	3.57E-04	1.61E-04	1.07E-07	3.23E-07	1.87E-07	2.16E-07	1.96E-07	8.95E-08	4.04E-08	3.57E-09	8.63E-08	1.90E-08	2.94E-08	4.66E-08	8.21E-09	2.12E-08	2.14E-07
5994	482679.26	3854320.6	2.94E-04	3.40E-04	1.53E-04	1.02E-07	3.08E-07	1.78E-07	2.06E-07	1.87E-07	8.52E-08	3.85E-08	3.40E-09	8.22E-08	1.81E-08	2.80E-08	4.44E-08	7.82E-09	2.02E-08	2.04E-07
5995	482677.85	3854220.75	2.84E-04	3.28E-04	1.48E-04	9.83E-08	2.97E-07	1.72E-07	1.99E-07	1.80E-07	8.23E-08	3.71E-08	3.28E-09	7.93E-08	1.75E-08	2.70E-08	4.28E-08	7.55E-09	1.95E-08	1.97E-07
5996	482676.45	3854120.9	2.67E-04	3.09E-04	1.39E-04	9.26E-08	2.79E-07	1.62E-07	1.87E-07	1.70E-07	7.75E-08	3.49E-08	3.09E-09	7.47E-08	1.65E-08	2.54E-08	4.03E-08	7.11E-09	1.83E-08	1.85E-07
5997	482675.04	3854021.04	2.50E-04	2.89E-04	1.30E-04	8.66E-08	2.61E-07	1.51E-07	1.75E-07	1.59E-07	7.24E-08	3.27E-08	2.89E-09	6.98E-08	1.54E-08	2.38E-08	3.77E-08	6.65E-09	1.71E-08	1.73E-07
5998	482673.64	3853921.19	2.30E-04	2.67E-04	1.20E-04	7.98E-08	2.41E-07	1.39E-07	1.61E-07	1.46E-07	6.68E-08	3.01E-08	2.66E-09	6.44E-08	1.42E-08	2.19E-08	3.48E-08	6.13E-09	1.58E-08	1.60E-07
5999	482672.23	3853821.34	2.12E-04	2.46E-04	1.11E-04	7.36E-08	2.22E-07	1.29E-07	1.49E-07	1.35E-07	6.16E-08	2.78E-08	2.46E-09	5.94E-08	1.31E-08	2.02E-08	3.21E-08	5.66E-09	1.46E-08	1.48E-07
6000	482670.83	3853721.49	1.96E-04	2.27E-04	1.02E-04	6.80E-08	2.05E-07	1.19E-07	1.38E-07	1.25E-07	5.69E-08	2.57E-08	2.27E-09	5.48E-08	1.21E-08	1.87E-08	2.96E-08	5.22E-09	1.35E-08	1.36E-07
6001	482669.42	3853621.63	1.83E-04	2.12E-04	9.56E-05	6.35E-08	1.92E-07	1.11E-07	1.28E-07	1.16E-07	5.31E-08	2.40E-08	2.12E-09	5.12E-08	1.13E-08	1.74E-08	2.76E-08	4.87E-09	1.26E-08	1.27E-07
6002	482645.99	3853446.13	1.72E-04	1.99E-04	8.96E-05	5.94E-08	1.79E-07	1.04E-07	1.20E-07	1.09E-07	4.97E-08	2.24E-08	1.98E-09	4.79E-08	1.06E-08	1.63E-08	2.59E-08	4.56E-09	1.18E-08	1.19E-07
6003	482623.97	3853370.49	1.69E-04	1.96E-04	8.84E-05	5.86E-08	1.77E-07	1.02E-07	1.19E-07	1.08E-07	4.91E-08	2.21E-08	1.96E-09	4.73E-08	1.04E-08	1.61E-08	2.56E-08	4.50E-09	1.16E-08	1.17E-07
6004	482601.94	3853294.84	1.68E-04	1.95E-04	8.79E-05	5.84E-08	1.76E-07	1.02E-07	1.18E-07	1.07E-07	4.88E-08	2.20E-08	1.95E-09	4.71E-08	1.04E-08	1.60E-08	2.54E-08	4.48E-09	1.16E-08	1.17E-07
6005	482531.29	3853133.44	1.66E-04	1.92E-04	8.67E-05	5.76E-08	1.74E-07	1.01E-07	1.16E-07	1.06E-07	4.82E-08	2.17E-08	1.92E-09	4.64E-08	1.02E-08	1.58E-08	2.51E-08	4.42E-09	1.14E-08	1.15E-07
6006	482482.68	3853047.69	1.64E-04	1.90E-04	8.56E-05	5.68E-08	1.72E-07	9.94E-08	1.15E-07	1.04E-07	4.76E-08	2.15E-08	1.90E-09	4.59E-08	1.01E-08	1.56E-08	2.48E-08	4.37E-09	1.13E-08	1.14E-07
6007	482383.09	3852897.4	1.58E-04	1.82E-04	8.22E-05	5.46E-08	1.65E-07	9.54E-08	1.10E-07	1.00E-07	4.57E-08	2.06E-08	1.82E-09	4.40E-08	9.72E-09	1.50E-08	2.38E-08	4.19E-09	1.08E-08	1.09E-07
6008	482265.64	3852765.26	1.49E-04	1.73E-04	7.78E-05	5.17E-08	1.56E-07	9.03E-08	1.05E-07	9.48E-08	4.32E-08	1.95E-08	1.73E-09	4.17E-08	9.20E-09	1.42E-08	2.25E-08	3.97E-09	1.02E-08	1.04E-07
6009	482199.16	3852697.66	1.45E-04	1.67E-04	7.55E-05	5.01E-08	1.51E-07	8.76E-08	1.01E-07	9.19E-08	4.19E-08	1.89E-08	1.67E-09	4.04E-08	8.92E-09	1.38E-08	2.18E-08	3.85E-09	9.93E-09	1.00E-07
6010	482132.69	3852630.07	1.40E-04	1.63E-04	7.33E-05	4.87E-08	1.47E-07	8.51E-08	9.85E-08	8.93E-08	4.07E-08	1.84E-08	1.63E-09	3.93E-08	8.67E-09	1.34E-08	2.12E-08	3.74E-09	9.64E-09	9.75E-08
6011	482066.21	3852562.48	1.36E-04	1.58E-04	7.12E-05	4.73E-08	1.43E-07	8.27E-08	9.57E-08	8.67E-08	3.96E-08	1.78E-08	1.58E-09	3.81E-08	8.42E-09	1.30E-08	2.06E-08	3.63E-09	9.37E-09	9.47E-08
6012	481999.74	3852494.89	1.33E-04	1.53E-04	6.92E-05	4.59E-08	1.39E-07	8.03E-08	9.29E-08	8.42E-08	3.84E-08	1.73E-08	1.53E-09	3.70E-08	8.17E-09	1.26E-08	2.00E-08	3.53E-09	9.10E-09	9.20E-08
6013	481933.26	3852427.29	1.29E-04	1.49E-04	6.72E-05	4.46E-08	1.35E-07	7.80E-08	9.03E-08	8.19E-08	3.74E-08	1.68E-08	1.49E-09	3.60E-08	7.94E-09	1.23E-08	1.95E-08	3.43E-09	8.84E-09	8.94E-08
6014	481866.79	3852359.7	1.25E-04	1.45E-04	6.55E-05	4.35E-08	1.31E-07	7.60E-08	8.80E-08	7.97E-08	3.64E-08	1.64E-08	1.45E-09	3.51E-08	7.74E-09	1.19E-08	1.89E-08	3.34E-09	8.61E-09	8.71E-08
6015	481800.31	3852292.11	1.22E-04	1.42E-04	6.38E-05	4.24E-08	1.28E-07	7.41E-08	8.57E-08	7.77E-08	3.55E-08	1.60E-08	1.41E-09	3.42E-08	7.54E-09	1.16E-08	1.85E-08	3.25E-09	8.39E-09	8.49E-08
6016	481733.84	3852224.52	1.19E-04	1.38E-04	6.22E-05	4.13E-08	1.25E-07	7.22E-08	8.35E-08	7.57E-08	3.45E-08	1.56E-08	1.38E-09	3.33E-08	7.35E-09	1.13E-08	1.80E-08	3.17E-09	8.18E-09	8.27E-08
6017	481667.36	3852156.92	1.16E-04	1.35E-04	6.07E-05	4.03E-08	1.22E-07	7.04E-08	8.15E-08	7.39E-08	3.37E-08	1.52E-08	1.35E-09	3.25E-08	7.17E-09	1.11E-08	1.76E-08	3.10E-09	7.98E-09	8.07E-08
6018	481600.89	3852089.33	1.13E-04	1.31E-04	5.91E-05	3.92E-08	1.18E-07	6.86E-08	7.94E-08	7.20E-08	3.28E-08	1.48E-08	1.31E-09	3.17E-08	6.98E-09	1.08E-08	1.71E-08	3.01E-09	7.77E-09	7.86E-08
6019	481534.41	3852021.74	1.10E-04	1.28E-04	5.76E-05	3.82E-08	1.15E-07	6.68E-08	7.73E-08	7.01E-08	3.20E-08	1.44E-08	1.28E-09	3.08E-08	6.80E-09	1.05E-08	1.66E-08	2.93E-09	7.57E-09	7.65E-08
6020	481467.94	3851954.15	1.07E-04	1.24E-04	5.61E-05	3.72E-08	1.12E-07	6.51E-08	7.54E-08	6.83E-08	3.12E-08	1.41E-08	1.24E-09	3.00E-08	6.63E-09	1.02E-08	1.62E-08	2.86E-09	7.38E-09	7.46E-08
6021	481401.46	3851886.55	1.05E-04	1.21E-04	5.48E-05	3.64E-08	1.10E-07	6.36E-08	7.36E-08	6.67E-08	3.04E-08	1.37E-08	1.21E-09	2.93E-08	6.47E-09	9.99E-09	1.58E-08	2.79E-09	7.20E-09	7.28E-08
6022	481265.87	3851761.43	9.96E-05	1.15E-04	5.20E-05	3.45E-08	1.04E-07	6.03E-08	6.98E-08	6.33E-08	2.89E-08	1.30E-08	1.15E-09	2.78E-08	6.14E-09	9.48E-09	1.50E-08	2.65E-09	6.84E-09	6.92E-08
6023	481196.74	3851703.89	9.70E-05	1.12E-04	5.07E-05	3.36E-08	1.02E-07	5.88E-08	6.80E-08	6.17E-08	2.81E-08	1.27E-08	1.12E-09	2.71E-08	5.99E-09	9.24E-09	1.47E-08	2.58E-09	6.66E-09	6.74E-08
6024	481076.33	3851619.05	9.24E-05	1.07E-04	4.83E-05	3.20E-08	9.67E-08	5.60E-08	6.48E-08	5.87E-08	2.68E-08	1.21E-08	1.07E-09	2.58E-08	5.70E-09	8.79E-09	1.40E-08	2.46E-09	6.35E-09	6.41E-08
6025	480939.8	3851549.07	8.69E-05	1.01E-04	4.54E-05	3.01E-08	9.09E-08	5.26E-08	6.09E-08	5.52E-08	2.52E-08	1.14E-08	1.01E-09	2.43E-08	5.36E-09	8.27E-09	1.31E-08	2.31E-09	5.97E-09	6.03E-08
6026	480854.56	3851506.41	8.34E-05	9.66E-05	4.36E-05	2.89E-08	8.73E-08	5.05E-08	5.85E-08	5.30E-08	2.42E-08	1.09E-08	9.66E-10	2.33E-08	5.15E-09	7.94E-09	1.26E-08	2.22E-09	5.73E-09	5.79E-08
6027	480769.32	3851463.75	8.02E-05	9.28E-05	4.19E-05	2.78E-08	8.39E-08	4.86E-08	5.62E-08	5.09E-08	2.32E-08	1.05E-08	9.28E-10	2.24E-08	4.94E-09	7.63E-09	1.21E-08	2.13E-09	5.51E-09	5.57E-08
6028	480684.08	3851421.08	7.70E-05	8.91E-05	4.03E-05	2.67E-08	8.06E-08	4.67E-08	5.40E-08	4.90E-08	2.23E-08	1.01E-08	8.91E-10	2.15E-08	4.75E-09	7.33E-09	1.16E-08	2.05E-09	5.30E-09	5.35E-08
6029	480598.84	3851378.42	7.40E-05	8.57E-05	3.87E-05	2.57E-08	7.74E-08	4.48E-08	5.19E-08	4.70E-08	2.15E-08	9.70E-09	8.57E-10	2.07E-08	4.57E-09	7.04E-09	1.12E-08	1.97E-09	5.09E-09	5.14E-08
6030	480435.71	3851275.01	6.92E-05	8.01E-05	3.62E-05	2.40E-08	7.24E-08	4.19E-08	4.85E-08	4.40E-08	2.01E-08	9.07E-09	8.01E-10	1.93E-08	4.27E-09	6.58E-09	1.04E-08	1.84E-09	4.76E-09	4.80E-08
6031	480347.85	3851232.36	6.65E-05	7.70E-05	3.48E-05	2.31E-08	6.96E-08	4.03E-08	4.66E-08	4.23E-08	1.93E-08	8.72E-09	7.70E-10	1.86E-08	4.10E-09	6.33E-09	1.00E-08	1.77E-09	4.58E-09	4.62E-08
6032	480260	3851189.72	6.41E-05	7.41E-05	3.35E-05	2.22E-08	6.70E-08	3.88E-08	4.49E-08	4.07E-08	1.86E-08	8.40E-09	7.41E-10	1.79E-08	3.95E-09	6.10E-09	9.67E-09	1.70E-09	4.41E-09	4.45E-08
6033	480172.15	3851147.07	6.18E-05	7.15E-05	3.24E-05	2.14E-08	6.47E-08	3.75E-08	4.33E-08	3.93E-08	1.79E-08	8.11E-09	7.15E-10	1.73E-08	3.81E-09	5.88E-09	9.33E-09	1.64E-09	4.25E-09	4.29E-08
6034	480084.29	3851104.42	5.97E-05	6.91E-05	3.13E-05	2.07E-08	6.25E-08	3.62E-08	4.19E-08	3.79E-08	1.73E-08	7.83E-09	6.91E-10	1.67E-08	3.68E-09	5.68E-09	9.02E-09	1.59E-09	4.11E-09	4.15E-08

6035	479996.44	3851061.77	5.78E-05	6.69E-05	3.03E-05	2.00E-08	6.05E-08	3.50E-08	4.05E-08	3.68E-08	1.68E-08	7.59E-09	6.69E-10	1.62E-08	3.57E-09	5.50E-09	8.73E-09	1.54E-09	3.98E-09	4.02E-08
6036	479908.58	3851019.13	5.61E-05	6.49E-05	2.94E-05	1.94E-08	5.87E-08	3.40E-08	3.93E-08	3.56E-08	1.63E-08	7.36E-09	6.49E-10	1.57E-08	3.46E-09	5.34E-09	8.46E-09	1.49E-09	3.86E-09	3.89E-08
6037	479820.73	3850976.48	5.45E-05	6.30E-05	2.85E-05	1.89E-08	5.70E-08	3.30E-08	3.82E-08	3.46E-08	1.58E-08	7.15E-09	6.31E-10	1.52E-08	3.36E-09	5.19E-09	8.23E-09	1.45E-09	3.75E-09	3.78E-08
6038	479732.88	3850933.83	5.31E-05	6.14E-05	2.78E-05	1.84E-08	5.55E-08	3.21E-08	3.72E-08	3.37E-08	1.54E-08	6.96E-09	6.14E-10	1.48E-08	3.27E-09	5.05E-09	8.01E-09	1.41E-09	3.65E-09	3.68E-08
6039	479645.02	3850891.18	5.18E-05	5.99E-05	2.71E-05	1.79E-08	5.42E-08	3.14E-08	3.63E-08	3.29E-08	1.50E-08	6.80E-09	5.99E-10	1.45E-08	3.19E-09	4.93E-09	7.81E-09	1.38E-09	3.57E-09	3.59E-08
6040	479557.17	3850848.54	5.06E-05	5.85E-05	2.65E-05	1.75E-08	5.29E-08	3.06E-08	3.54E-08	3.21E-08	1.47E-08	6.64E-09	5.85E-10	1.41E-08	3.12E-09	4.81E-09	7.64E-09	1.35E-09	3.49E-09	3.51E-08
6041	479469.32	3850805.89	4.95E-05	5.73E-05	2.60E-05	1.72E-08	5.18E-08	3.00E-08	3.47E-08	3.15E-08	1.44E-08	6.50E-09	5.73E-10	1.38E-08	3.05E-09	4.71E-09	7.47E-09	1.32E-09	3.41E-09	3.44E-08
6042	479381.46	3850763.24	4.86E-05	5.62E-05	2.55E-05	1.68E-08	5.08E-08	2.94E-08	3.41E-08	3.09E-08	1.41E-08	6.38E-09	5.62E-10	1.36E-08	3.00E-09	4.62E-09	7.33E-09	1.29E-09	3.35E-09	3.37E-08
6043	479293.61	3850720.59	4.77E-05	5.52E-05	2.50E-05	1.65E-08	5.00E-08	2.89E-08	3.35E-08	3.03E-08	1.38E-08	6.27E-09	5.53E-10	1.33E-08	2.95E-09	4.54E-09	7.21E-09	1.27E-09	3.29E-09	3.32E-08
6044	479205.76	3850677.95	4.70E-05	5.44E-05	2.46E-05	1.63E-08	4.92E-08	2.85E-08	3.29E-08	2.99E-08	1.36E-08	6.17E-09	5.44E-10	1.31E-08	2.90E-09	4.47E-09	7.09E-09	1.25E-09	3.24E-09	3.26E-08
6045	479117.9	3850635.3	4.63E-05	5.36E-05	2.43E-05	1.60E-08	4.85E-08	2.80E-08	3.24E-08	2.94E-08	1.34E-08	6.08E-09	5.36E-10	1.29E-08	2.86E-09	4.41E-09	6.99E-09	1.23E-09	3.19E-09	3.22E-08
6046	479030.05	3850592.65	4.56E-05	5.28E-05	2.39E-05	1.58E-08	4.78E-08	2.76E-08	3.20E-08	2.90E-08	1.32E-08	5.99E-09	5.28E-10	1.28E-08	2.82E-09	4.34E-09	6.89E-09	1.21E-09	3.15E-09	3.17E-08
6047	478942.19	3850550	4.50E-05	5.21E-05	2.36E-05	1.56E-08	4.71E-08	2.73E-08	3.16E-08	2.86E-08	1.31E-08	5.92E-09	5.21E-10	1.26E-08	2.78E-09	4.29E-09	6.80E-09	1.20E-09	3.11E-09	3.13E-08
6048	478854.34	3850507.36	4.39E-05	5.08E-05	2.30E-05	1.52E-08	4.59E-08	2.66E-08	3.08E-08	2.79E-08	1.27E-08	5.77E-09	5.08E-10	1.23E-08	2.71E-09	4.18E-09	6.63E-09	1.17E-09	3.03E-09	3.05E-08
6049	478766.49	3850464.71	4.32E-05	5.00E-05	2.27E-05	1.50E-08	4.52E-08	2.62E-08	3.03E-08	2.74E-08	1.25E-08	5.68E-09	5.00E-10	1.21E-08	2.66E-09	4.11E-09	6.52E-09	1.15E-09	2.98E-09	3.00E-08
6050	478678.63	3850422.06	4.27E-05	4.94E-05	2.24E-05	1.48E-08	4.47E-08	2.59E-08	2.99E-08	2.71E-08	1.24E-08	5.61E-09	4.94E-10	1.19E-08	2.63E-09	4.06E-09	6.44E-09	1.14E-09	2.94E-09	2.96E-08
6051	478590.78	3850379.41	4.22E-05	4.88E-05	2.21E-05	1.46E-08	4.42E-08	2.56E-08	2.96E-08	2.68E-08	1.22E-08	5.55E-09	4.88E-10	1.18E-08	2.60E-09	4.01E-09	6.37E-09	1.12E-09	2.91E-09	2.93E-08
6052	478502.93	3850336.77	4.18E-05	4.83E-05	2.19E-05	1.45E-08	4.37E-08	2.53E-08	2.93E-08	2.65E-08	1.21E-08	5.49E-09	4.84E-10	1.17E-08	2.58E-09	3.98E-09	6.31E-09	1.11E-09	2.88E-09	2.90E-08
6053	478415.07	3850294.12	4.15E-05	4.80E-05	2.17E-05	1.44E-08	4.34E-08	2.51E-08	2.91E-08	2.63E-08	1.20E-08	5.45E-09	4.80E-10	1.16E-08	2.56E-09	3.94E-09	6.26E-09	1.10E-09	2.86E-09	2.88E-08
6054	478327.22	3850251.47	4.11E-05	4.75E-05	2.15E-05	1.42E-08	4.30E-08	2.49E-08	2.88E-08	2.61E-08	1.19E-08	5.40E-09	4.75E-10	1.15E-08	2.53E-09	3.91E-09	6.20E-09	1.09E-09	2.83E-09	2.85E-08
6055	478239.36	3850208.82	4.06E-05	4.70E-05	2.13E-05	1.41E-08	4.25E-08	2.46E-08	2.85E-08	2.58E-08	1.18E-08	5.34E-09	4.70E-10	1.14E-08	2.51E-09	3.87E-09	6.13E-09	1.08E-09	2.80E-09	2.82E-08
6056	478151.51	3850166.18	4.03E-05	4.66E-05	2.11E-05	1.40E-08	4.22E-08	2.44E-08	2.82E-08	2.56E-08	1.17E-08	5.30E-09	4.67E-10	1.13E-08	2.49E-09	3.83E-09	6.08E-09	1.07E-09	2.78E-09	2.80E-08
6057	478063.66	3850123.53	4.00E-05	4.62E-05	2.10E-05	1.39E-08	4.18E-08	2.42E-08	2.80E-08	2.54E-08	1.16E-08	5.25E-09	4.63E-10	1.12E-08	2.47E-09	3.80E-09	6.03E-09	1.06E-09	2.76E-09	2.78E-08
6058	477975.8	3850080.88	3.99E-05	4.61E-05	2.09E-05	1.38E-08	4.17E-08	2.41E-08	2.79E-08	2.53E-08	1.16E-08	5.24E-09	4.61E-10	1.11E-08	2.46E-09	3.79E-09	6.02E-09	1.06E-09	2.75E-09	2.77E-08
6059	477887.95	3850038.23	3.96E-05	4.58E-05	2.08E-05	1.37E-08	4.14E-08	2.40E-08	2.78E-08	2.52E-08	1.15E-08	5.21E-09	4.58E-10	1.11E-08	2.44E-09	3.77E-09	5.98E-09	1.05E-09	2.73E-09	2.75E-08
6060	477800.1	3849995.59	3.93E-05	4.55E-05	2.06E-05	1.36E-08	4.12E-08	2.38E-08	2.76E-08	2.50E-08	1.14E-08	5.17E-09	4.55E-10	1.10E-08	2.43E-09	3.74E-09	5.94E-09	1.05E-09	2.71E-09	2.73E-08
6061	477712.24	3849952.94	3.90E-05	4.51E-05	2.05E-05	1.35E-08	4.08E-08	2.36E-08	2.73E-08	2.48E-08	1.13E-08	5.13E-09	4.51E-10	1.09E-08	2.41E-09	3.71E-09	5.89E-09	1.04E-09	2.69E-09	2.71E-08
6062	477624.39	3849910.29	3.87E-05	4.47E-05	2.03E-05	1.34E-08	4.05E-08	2.34E-08	2.71E-08	2.46E-08	1.12E-08	5.08E-09	4.48E-10	1.08E-08	2.39E-09	3.68E-09	5.84E-09	1.03E-09	2.67E-09	2.69E-08
6063	477536.54	3849867.64	3.83E-05	4.44E-05	2.01E-05	1.33E-08	4.01E-08	2.32E-08	2.69E-08	2.44E-08	1.11E-08	5.04E-09	4.44E-10	1.07E-08	2.37E-09	3.65E-09	5.79E-09	1.02E-09	2.65E-09	2.66E-08
6064	477448.68	3849825	3.80E-05	4.39E-05	1.99E-05	1.32E-08	3.97E-08	2.30E-08	2.66E-08	2.41E-08	1.10E-08	4.99E-09	4.39E-10	1.06E-08	2.34E-09	3.61E-09	5.73E-09	1.01E-09	2.62E-09	2.64E-08
6065	477360.83	3849782.35	3.76E-05	4.35E-05	1.97E-05	1.30E-08	3.94E-08	2.28E-08	2.64E-08	2.39E-08	1.09E-08	4.95E-09	4.36E-10	1.05E-08	2.32E-09	3.58E-09	5.68E-09	1.00E-09	2.60E-09	2.61E-08
6066	477272.97	3849739.7	3.73E-05	4.31E-05	1.96E-05	1.29E-08	3.90E-08	2.26E-08	2.61E-08	2.37E-08	1.08E-08	4.90E-09	4.31E-10	1.04E-08	2.30E-09	3.55E-09	5.62E-09	9.91E-10	2.57E-09	2.59E-08
6067	477185.12	3849697.05	3.69E-05	4.27E-05	1.94E-05	1.28E-08	3.87E-08	2.24E-08	2.59E-08	2.35E-08	1.07E-08	4.86E-09	4.27E-10	1.03E-08	2.28E-09	3.51E-09	5.57E-09	9.82E-10	2.55E-09	2.57E-08
6068	477097.27	3849654.41	3.66E-05	4.23E-05	1.92E-05	1.27E-08	3.83E-08	2.22E-08	2.56E-08	2.32E-08	1.06E-08	4.81E-09	4.23E-10	1.02E-08	2.26E-09	3.48E-09	5.52E-09	9.73E-10	2.52E-09	2.54E-08
6069	477009.41	3849611.76	3.62E-05	4.18E-05	1.90E-05	1.25E-08	3.78E-08	2.19E-08	2.53E-08	2.30E-08	1.05E-08	4.75E-09	4.19E-10	1.01E-08	2.23E-09	3.44E-09	5.46E-09	9.62E-10	2.50E-09	2.51E-08
6070	476841.49	3849530.08	3.55E-05	4.10E-05	1.86E-05	1.23E-08	3.71E-08	2.15E-08	2.48E-08	2.25E-08	1.03E-08	4.66E-09	4.10E-10	9.91E-09	2.19E-09	3.37E-09	5.35E-09	9.43E-10	2.45E-09	2.46E-08
6071	476761.41	3849491.05	3.52E-05	4.07E-05	1.85E-05	1.22E-08	3.68E-08	2.13E-08	2.46E-08	2.23E-08	1.02E-08	4.62E-09	4.07E-10	9.83E-09	2.17E-09	3.35E-09	5.31E-09	9.35E-10	2.43E-09	2.44E-08
6072	476681.34	3849452.02	3.48E-05	4.03E-05	1.83E-05	1.21E-08	3.64E-08	2.11E-08	2.44E-08	2.21E-08	1.01E-08	4.58E-09	4.03E-10	9.74E-09	2.15E-09	3.31E-09	5.26E-09	9.26E-10	2.40E-09	2.42E-08
6073	476601.26	3849412.99	3.45E-05	3.99E-05	1.81E-05	1.19E-08	3.61E-08	2.09E-08	2.41E-08	2.19E-08	9.99E-09	4.53E-09	3.99E-10	9.63E-09	2.13E-09	3.28E-09	5.20E-09	9.17E-10	2.38E-09	2.39E-08
6074	476456.32	3849353.67	3.39E-05	3.92E-05	1.78E-05	1.17E-08	3.54E-08	2.05E-08	2.37E-08	2.15E-08	9.82E-09	4.45E-09	3.92E-10	9.47E-09	2.09E-09	3.22E-09	5.11E-09	9.01E-10	2.34E-09	2.35E-08
6075	476305.43	3849318.84	3.37E-05	3.90E-05	1.77E-05	1.17E-08	3.52E-08	2.04E-08	2.36E-08	2.14E-08	9.76E-09	4.43E-09	3.90E-10	9.42E-09	2.08E-09	3.20E-09	5.08E-09	8.96E-10	2.33E-09	2.34E-08
6076	476129.36	3849289.99	3.35E-05	3.87E-05	1.76E-05	1.16E-08	3.51E-08	2.03E-08	2.35E-08	2.13E-08	9.71E-09	4.41E-09	3.88E-10	9.36E-09	2.07E-09	3.19E-09	5.06E-09	8.91E-10	2.31E-09	2.33E-08
6077	476039.31	3849275.68	3.34E-05	3.87E-05	1.75E-05	1.16E-08	3.50E-08	2.02E-08	2.34E-08	2.12E-08	9.69E-09	4.40E-09	3.87E-10	9.34E-09	2.06E-09	3.18E-09	5.04E-09	8.89E-10	2.31E-09	2.32E-08
6078	475949.26	3849261.38	3.32E-05	3.84E-05	1.74E-05	1.15E-08	3.47E-08	2.01E-08	2.33E-08	2.11E-08	9.62E-09	4.37E-09	3.84E-10	9.28E-09	2.05E-09	3.16E-09	5.01E-09	8.83E-10	2.29E-09	2.31E-08
6079	475859.21	3849247.08	3.31E-05	3.83E-05	1.74E-05	1.15E-08	3.46E-08	2.00E-08	2.32E-08	2.10E-08	9.59E-09	4.35E-09	3.83E-10	9.25E-09	2.04E-09	3.15E-09	4.99E-09	8.80E-10	2.28E-09	2.30E-08
6080	475769.16	3849232.77	3.29E-05	3.81E-05	1.73E-05	1.14E-08	3.45E-08	2.00E-08	2.31E-08	2.09E-08	9.55E-09	4.33E-09	3.81E-10	9.21E-09	2.03E-09	3.13E-09	4.97E-09	8.76E-10	2.27E-09	2.29E-08
6081	475585.23	3849219.27	3.07E-05	3.55E-05	1.61E-05	1.06E-08	3.21E-08	1.86E-08	2.15E-08	1.95E-08	8.89E-09	4.04E-09	3.55E-10	8.57E-09	1.89E-09	2.92E-09	4.63E-09	8.15E-10	2.12E-09	2.13E-08
6082	475444.5	3849150.35	3.17E-05	3.67E-05	1.66E-05	1.10E-08	3.32E-08	1.92E-08	2.22E-08	2.01E-08	9.18E-09	4.17E-09	3.67E-10	8.86E-09	1.95E-09	3.01E-09	4.78E-09	8.43E-10	2.19E-09	2.20E-08
6083	475334.18	3849118.71	3.17E-05	3.67E-05	1.67E-05	1.10E-08	3.32E-08	1.92E-08	2.22E-08	2.01E-08	9.19E-09	4.17E-09	3.67E-10	8.87E-09	1.96E-09	3.02E-09	4.79E-09	8.44E-10	2.19E-09	2.20E-08
6084	475230.47	3849060.57	3.13E-05	3.62E-05	1.64E-05	1.09E-08	3.28E-08	1.90E-08	2.19E-08	1.99E-08	9.08E-09	4.12E-09	3.62E-10	8.76E-09	1.93E-09	2.98E-09	4.73E-09	8.33E-10	2.16E-09	2.18E-08
6085	475110.86	3848960.97	3.05E-05	3.53E-05	1.60E-05	1.06E-08	3.20E-08	1.85E-08	2.14E-08	1.94E-08	8.85E-09	4.02E-09	3.53E-10	8.54E-09	1.88E-09	2.91E-09	4.61E-09	8.12E-10	2.11E-09	2.12E-08
6086	475037.79	3848896.28	3.00E-05	3.46E-05	1.57E-05	1.04E-08	3.13E-08	1.81E-08	2.10E-08	1.90E-08	8.68E-09	3.94E-09	3.47E-10	8.37E-09	1.85E-09	2.85E-09	4.52E-09	7.97E-10	2.07E-09	2.08E-08
6087	474964.72	3848831.59	2.94E-05	3.40E-05	1.54E-05	1.02E-08	3.07E-08	1.78E-08	2.06E-08	1.86E-08	8.51E-09	3.86E-09	3.40E-10	8.21E-09	1.81E-09	2.79E-09	4.43E-09	7.81E-10	2.03E-09	2.04E-08

6088	474891.65	3848766.9	2.89E-05	3.34E-05	1.52E-05	1.00E-08	3.03E-08	1.75E-08	2.03E-08	1.84E-08	8.38E-09	3.81E-09	3.35E-10	8.08E-09	1.78E-09	2.75E-09	4.36E-09	7.69E-10	2.00E-09	2.01E-08
6089	474818.58	3848702.22	2.86E-05	3.30E-05	1.50E-05	9.89E-09	2.99E-08	1.73E-08	2.00E-08	1.81E-08	8.27E-09	3.76E-09	3.30E-10	7.98E-09	1.76E-09	2.72E-09	4.31E-09	7.59E-10	1.97E-09	1.98E-08
6090	474745.51	3848637.53	2.85E-05	3.29E-05	1.50E-05	9.87E-09	2.98E-08	1.72E-08	1.99E-08	1.81E-08	8.25E-09	3.75E-09	3.30E-10	7.96E-09	1.76E-09	2.71E-09	4.30E-09	7.57E-10	1.97E-09	1.98E-08
6091	474672.44	3848572.84	2.81E-05	3.25E-05	1.48E-05	9.75E-09	2.94E-08	1.70E-08	1.97E-08	1.79E-08	8.15E-09	3.70E-09	3.26E-10	7.87E-09	1.74E-09	2.68E-09	4.25E-09	7.48E-10	1.94E-09	1.95E-08
6092	474599.37	3848508.15	2.77E-05	3.20E-05	1.45E-05	9.59E-09	2.89E-08	1.68E-08	1.94E-08	1.76E-08	8.01E-09	3.64E-09	3.20E-10	7.73E-09	1.71E-09	2.63E-09	4.17E-09	7.35E-10	1.91E-09	1.92E-08
6093	474526.3	3848443.46	2.73E-05	3.16E-05	1.43E-05	9.46E-09	2.86E-08	1.65E-08	1.91E-08	1.73E-08	7.91E-09	3.59E-09	3.16E-10	7.63E-09	1.68E-09	2.60E-09	4.12E-09	7.26E-10	1.89E-09	1.90E-08

			2028 Unmitigated	2033 Unmitigated	2048 Unmitigated
	Period	Rates (g/s):	1.30E-05	1.28E-05	1.25E-05
	Concentration [ug/m^3] at 1 g/s				
	X, Y	SLINE6-11	SLINE6-11	SLINE6-11	SLINE6-11
1	485973.61, 3854936.51	0.02109	2.74E-07	2.71E-07	2.63E-07
2	486023.61, 3854936.51	0.02087	2.72E-07	2.68E-07	2.60E-07
3	486073.61, 3854936.51	0.02081	2.71E-07	2.67E-07	2.60E-07
4	486123.61, 3854936.51	0.02037	2.65E-07	2.62E-07	2.54E-07
5	486173.61, 3854936.51	0.02048	2.67E-07	2.63E-07	2.55E-07
6	486223.61, 3854936.51	0.02022	2.63E-07	2.60E-07	2.52E-07
7	486273.61, 3854936.51	0.02004	2.61E-07	2.57E-07	2.50E-07
8	486323.61, 3854936.51	0.01991	2.59E-07	2.56E-07	2.48E-07
9	485973.61, 3854986.51	0.02189	2.85E-07	2.81E-07	2.73E-07
10	486023.61, 3854986.51	0.02172	2.83E-07	2.79E-07	2.71E-07
11	486073.61, 3854986.51	0.02149	2.80E-07	2.76E-07	2.68E-07
12	486123.61, 3854986.51	0.02129	2.77E-07	2.73E-07	2.66E-07
13	486173.61, 3854986.51	0.02127	2.77E-07	2.73E-07	2.65E-07
14	486223.61, 3854986.51	0.021	2.73E-07	2.70E-07	2.62E-07
15	486273.61, 3854986.51	0.02064	2.69E-07	2.65E-07	2.57E-07
16	486323.61, 3854986.51	0.02079	2.71E-07	2.67E-07	2.59E-07
17	485973.61, 3855036.51	0.02282	2.97E-07	2.93E-07	2.85E-07
18	486023.61, 3855036.51	0.02254	2.93E-07	2.89E-07	2.81E-07
19	486073.61, 3855036.51	0.02218	2.89E-07	2.85E-07	2.77E-07
20	486123.61, 3855036.51	0.02199	2.86E-07	2.82E-07	2.74E-07
21	486173.61, 3855036.51	0.02201	2.86E-07	2.83E-07	2.75E-07
22	486223.61, 3855036.51	0.02166	2.82E-07	2.78E-07	2.70E-07
23	486273.61, 3855036.51	0.02169	2.82E-07	2.79E-07	2.71E-07
24	486323.61, 3855036.51	0.02144	2.79E-07	2.75E-07	2.67E-07
25	485973.61, 3855086.51	0.02375	3.09E-07	3.05E-07	2.96E-07
26	486023.61, 3855086.51	0.0235	3.06E-07	3.02E-07	2.93E-07
27	486073.61, 3855086.51	0.02305	3.00E-07	2.96E-07	2.87E-07
28	486123.61, 3855086.51	0.02295	2.99E-07	2.95E-07	2.86E-07
29	486173.61, 3855086.51	0.02265	2.95E-07	2.91E-07	2.82E-07
30	486223.61, 3855086.51	0.02256	2.94E-07	2.90E-07	2.81E-07
31	485973.61, 3855136.51	0.0249	3.24E-07	3.20E-07	3.11E-07
32	486023.61, 3855136.51	0.02447	3.18E-07	3.14E-07	3.05E-07
33	486073.61, 3855136.51	0.02407	3.13E-07	3.09E-07	3.00E-07
34	486123.61, 3855136.51	0.02381	3.10E-07	3.06E-07	2.97E-07
35	486173.61, 3855136.51	0.02355	3.06E-07	3.02E-07	2.94E-07
36	486223.61, 3855136.51	0.02337	3.04E-07	3.00E-07	2.91E-07
37	485973.61, 3855186.51	0.02613	3.40E-07	3.36E-07	3.26E-07
38	486023.61, 3855186.51	0.02566	3.34E-07	3.30E-07	3.20E-07
39	486073.61, 3855186.51	0.02508	3.26E-07	3.22E-07	3.13E-07
40	486123.61, 3855186.51	0.02459	3.20E-07	3.16E-07	3.07E-07
41	486173.61, 3855186.51	0.02433	3.17E-07	3.12E-07	3.03E-07
42	486223.61, 3855186.51	0.02413	3.14E-07	3.10E-07	3.01E-07
43	486273.61, 3855186.51	0.02389	3.11E-07	3.07E-07	2.98E-07
44	486323.61, 3855186.51	0.02422	3.15E-07	3.11E-07	3.02E-07
45	485973.61, 3855236.51	0.02736	3.56E-07	3.51E-07	3.41E-07
46	486023.61, 3855236.51	0.0267	3.47E-07	3.43E-07	3.33E-07
47	486073.61, 3855236.51	0.02602	3.39E-07	3.34E-07	3.25E-07
48	486123.61, 3855236.51	0.02557	3.33E-07	3.28E-07	3.19E-07
49	486173.61, 3855236.51	0.02524	3.28E-07	3.24E-07	3.15E-07
50	486223.61, 3855236.51	0.02493	3.24E-07	3.20E-07	3.11E-07
51	486273.61, 3855236.51	0.02442	3.18E-07	3.14E-07	3.05E-07
52	486323.61, 3855236.51	0.02503	3.26E-07	3.21E-07	3.12E-07

53	485973.61, 3855286.51	0.02859	3.72E-07	3.67E-07	3.57E-07
54	486023.61, 3855286.51	0.02785	3.62E-07	3.58E-07	3.47E-07
55	486073.61, 3855286.51	0.02721	3.54E-07	3.49E-07	3.39E-07
56	486123.61, 3855286.51	0.02656	3.46E-07	3.41E-07	3.31E-07
57	486173.61, 3855286.51	0.02606	3.39E-07	3.35E-07	3.25E-07
58	486223.61, 3855286.51	0.02579	3.36E-07	3.31E-07	3.22E-07
59	486123.61, 3855336.51	0.02763	3.60E-07	3.55E-07	3.45E-07
60	486173.61, 3855336.51	0.02715	3.53E-07	3.49E-07	3.39E-07
61	486223.61, 3855336.51	0.02671	3.48E-07	3.43E-07	3.33E-07
62	486123.61, 3855386.51	0.02884	3.75E-07	3.70E-07	3.60E-07
63	486173.61, 3855386.51	0.02828	3.68E-07	3.63E-07	3.53E-07
64	486223.61, 3855386.51	0.02783	3.62E-07	3.57E-07	3.47E-07
65	486533.18, 3855443.15	0.02789	3.63E-07	3.58E-07	3.48E-07
66	486583.18, 3855443.15	0.02767	3.60E-07	3.55E-07	3.45E-07
67	486633.18, 3855443.15	0.02744	3.57E-07	3.52E-07	3.42E-07
68	486683.18, 3855443.15	0.0274	3.57E-07	3.52E-07	3.42E-07
69	486533.18, 3855493.15	0.02881	3.75E-07	3.70E-07	3.59E-07
70	486583.18, 3855493.15	0.02865	3.73E-07	3.68E-07	3.57E-07
71	486633.18, 3855493.15	0.02845	3.70E-07	3.65E-07	3.55E-07
72	486683.18, 3855493.15	0.02825	3.68E-07	3.63E-07	3.52E-07
73	486533.18, 3855543.15	0.02986	3.89E-07	3.84E-07	3.72E-07
74	486583.18, 3855543.15	0.02951	3.84E-07	3.79E-07	3.68E-07
75	486633.18, 3855543.15	0.02935	3.82E-07	3.77E-07	3.66E-07
76	486683.18, 3855543.15	0.02895	3.77E-07	3.72E-07	3.61E-07
77	486533.18, 3855593.15	0.03083	4.01E-07	3.96E-07	3.85E-07
78	486583.18, 3855593.15	0.03054	3.97E-07	3.92E-07	3.81E-07
79	486633.18, 3855593.15	0.03031	3.94E-07	3.89E-07	3.78E-07
80	486683.18, 3855593.15	0.03017	3.93E-07	3.87E-07	3.76E-07
81	486533.18, 3855643.15	0.03189	4.15E-07	4.10E-07	3.98E-07
82	486583.18, 3855643.15	0.03163	4.12E-07	4.06E-07	3.94E-07
83	486633.18, 3855643.15	0.03138	4.08E-07	4.03E-07	3.91E-07
84	486683.18, 3855643.15	0.03118	4.06E-07	4.00E-07	3.89E-07
85	486533.18, 3855693.15	0.03317	4.32E-07	4.26E-07	4.14E-07
86	486583.18, 3855693.15	0.03264	4.25E-07	4.19E-07	4.07E-07
87	486633.18, 3855693.15	0.03214	4.18E-07	4.13E-07	4.01E-07
88	486683.18, 3855693.15	0.03221	4.19E-07	4.14E-07	4.02E-07
89	486733.18, 3855693.15	0.03249	4.23E-07	4.17E-07	4.05E-07
90	486783.18, 3855693.15	0.03291	4.28E-07	4.23E-07	4.10E-07
91	486533.18, 3855743.15	0.03438	4.47E-07	4.42E-07	4.29E-07
92	486583.18, 3855743.15	0.03359	4.37E-07	4.31E-07	4.19E-07
93	486633.18, 3855743.15	0.03323	4.32E-07	4.27E-07	4.14E-07
94	486683.18, 3855743.15	0.03345	4.35E-07	4.30E-07	4.17E-07
95	486733.18, 3855743.15	0.03348	4.36E-07	4.30E-07	4.18E-07
96	486783.18, 3855743.15	0.03407	4.43E-07	4.38E-07	4.25E-07
97	486533.18, 3855793.15	0.03574	4.65E-07	4.59E-07	4.46E-07
98	486583.18, 3855793.15	0.03451	4.49E-07	4.43E-07	4.30E-07
99	486633.18, 3855793.15	0.0346	4.50E-07	4.44E-07	4.32E-07
100	486683.18, 3855793.15	0.03482	4.53E-07	4.47E-07	4.34E-07
101	486733.18, 3855793.15	0.03495	4.55E-07	4.49E-07	4.36E-07
102	486783.18, 3855793.15	0.03517	4.58E-07	4.52E-07	4.39E-07
103	486533.18, 3855843.15	0.03688	4.80E-07	4.74E-07	4.60E-07
104	486583.18, 3855843.15	0.03589	4.67E-07	4.61E-07	4.48E-07
105	486633.18, 3855843.15	0.03593	4.68E-07	4.61E-07	4.48E-07
106	486683.18, 3855843.15	0.03608	4.70E-07	4.63E-07	4.50E-07
107	486733.18, 3855843.15	0.0363	4.72E-07	4.66E-07	4.53E-07
108	486783.18, 3855843.15	0.03649	4.75E-07	4.69E-07	4.55E-07

109	486533.18, 3855893.15	0.03769	4.90E-07	4.84E-07	4.70E-07
110	486583.18, 3855893.15	0.0375	4.88E-07	4.82E-07	4.68E-07
111	486633.18, 3855893.15	0.03735	4.86E-07	4.80E-07	4.66E-07
112	486683.18, 3855893.15	0.03742	4.87E-07	4.81E-07	4.67E-07
113	486733.18, 3855893.15	0.03759	4.89E-07	4.83E-07	4.69E-07
114	486783.18, 3855893.15	0.03792	4.93E-07	4.87E-07	4.73E-07
115	486533.18, 3855943.15	0.03909	5.09E-07	5.02E-07	4.88E-07
116	486583.18, 3855943.15	0.03921	5.10E-07	5.04E-07	4.89E-07
117	486633.18, 3855943.15	0.03889	5.06E-07	4.99E-07	4.85E-07
118	486683.18, 3855943.15	0.03898	5.07E-07	5.01E-07	4.86E-07
119	486733.18, 3855943.15	0.03896	5.07E-07	5.00E-07	4.86E-07
120	486783.18, 3855943.15	0.0393	5.11E-07	5.05E-07	4.90E-07
121	486533.18, 3855993.15	0.04079	5.31E-07	5.24E-07	5.09E-07
122	486583.18, 3855993.15	0.04072	5.30E-07	5.23E-07	5.08E-07
123	486633.18, 3855993.15	0.04054	5.28E-07	5.21E-07	5.06E-07
124	486683.18, 3855993.15	0.04055	5.28E-07	5.21E-07	5.06E-07
125	486733.18, 3855993.15	0.04049	5.27E-07	5.20E-07	5.05E-07
126	486783.18, 3855993.15	0.04065	5.29E-07	5.22E-07	5.07E-07
127	486533.18, 3856043.15	0.04237	5.51E-07	5.44E-07	5.28E-07
128	486583.18, 3856043.15	0.04248	5.53E-07	5.46E-07	5.30E-07
129	486633.18, 3856043.15	0.04225	5.50E-07	5.43E-07	5.27E-07
130	486683.18, 3856043.15	0.04229	5.50E-07	5.43E-07	5.27E-07
131	486733.18, 3856043.15	0.04208	5.48E-07	5.40E-07	5.25E-07
132	486783.18, 3856043.15	0.04231	5.51E-07	5.43E-07	5.28E-07
133	486533.18, 3856093.15	0.0441	5.74E-07	5.66E-07	5.50E-07
134	486583.18, 3856093.15	0.04414	5.74E-07	5.67E-07	5.51E-07
135	486633.18, 3856093.15	0.04405	5.73E-07	5.66E-07	5.49E-07
136	486683.18, 3856093.15	0.04404	5.73E-07	5.66E-07	5.49E-07
137	486733.18, 3856093.15	0.04387	5.71E-07	5.63E-07	5.47E-07
138	486783.18, 3856093.15	0.04393	5.72E-07	5.64E-07	5.48E-07
139	486533.18, 3856143.15	0.04565	5.94E-07	5.86E-07	5.69E-07
140	486583.18, 3856143.15	0.04565	5.94E-07	5.86E-07	5.69E-07
141	486633.18, 3856143.15	0.04581	5.96E-07	5.88E-07	5.71E-07
142	486683.18, 3856143.15	0.0458	5.96E-07	5.88E-07	5.71E-07
143	486733.18, 3856143.15	0.04571	5.95E-07	5.87E-07	5.70E-07
144	486783.18, 3856143.15	0.0459	5.97E-07	5.90E-07	5.72E-07
145	486533.18, 3856193.15	0.04728	6.15E-07	6.07E-07	5.90E-07
146	486583.18, 3856193.15	0.04727	6.15E-07	6.07E-07	5.90E-07
147	486633.18, 3856193.15	0.04752	6.18E-07	6.10E-07	5.93E-07
148	486683.18, 3856193.15	0.04783	6.22E-07	6.14E-07	5.97E-07
149	486733.18, 3856193.15	0.04771	6.21E-07	6.13E-07	5.95E-07
150	486783.18, 3856193.15	0.0479	6.23E-07	6.15E-07	5.97E-07
151	486533.18, 3856243.15	0.04866	6.33E-07	6.25E-07	6.07E-07
152	486583.18, 3856243.15	0.04904	6.38E-07	6.30E-07	6.12E-07
153	486633.18, 3856243.15	0.0493	6.42E-07	6.33E-07	6.15E-07
154	486683.18, 3856243.15	0.04958	6.45E-07	6.37E-07	6.18E-07
155	486733.18, 3856243.15	0.04984	6.49E-07	6.40E-07	6.22E-07
156	486783.18, 3856243.15	0.04984	6.49E-07	6.40E-07	6.22E-07
157	486533.18, 3856293.15	0.04993	6.50E-07	6.41E-07	6.23E-07
158	486583.18, 3856293.15	0.05052	6.57E-07	6.49E-07	6.30E-07
159	486633.18, 3856293.15	0.05103	6.64E-07	6.55E-07	6.36E-07
160	486683.18, 3856293.15	0.05141	6.69E-07	6.60E-07	6.41E-07
161	486733.18, 3856293.15	0.05188	6.75E-07	6.66E-07	6.47E-07
162	486783.18, 3856293.15	0.05196	6.76E-07	6.67E-07	6.48E-07
163	486783.18, 3856343.15	0.0543	7.07E-07	6.97E-07	6.77E-07
164	486833.18, 3856343.15	0.05449	7.09E-07	7.00E-07	6.80E-07

165	486883.18, 3856343.15	0.05458	7.10E-07	7.01E-07	6.81E-07
166	486783.18, 3856393.15	0.05625	7.32E-07	7.22E-07	7.02E-07
167	486833.18, 3856393.15	0.05664	7.37E-07	7.27E-07	7.06E-07
168	486883.18, 3856393.15	0.05665	7.37E-07	7.28E-07	7.07E-07
169	487208.74, 3856886.11	0.08758	1.14E-06	1.12E-06	1.09E-06
170	487258.74, 3856886.11	0.08816	1.15E-06	1.13E-06	1.10E-06
171	487308.74, 3856886.11	0.08837	1.15E-06	1.13E-06	1.10E-06
172	487358.74, 3856886.11	0.08817	1.15E-06	1.13E-06	1.10E-06
173	487208.74, 3856936.11	0.09069	1.18E-06	1.16E-06	1.13E-06
174	487258.74, 3856936.11	0.09201	1.20E-06	1.18E-06	1.15E-06
175	487308.74, 3856936.11	0.09277	1.21E-06	1.19E-06	1.16E-06
176	487358.74, 3856936.11	0.09289	1.21E-06	1.19E-06	1.16E-06
177	487208.74, 3856986.11	0.09311	1.21E-06	1.20E-06	1.16E-06
178	487258.74, 3856986.11	0.09564	1.24E-06	1.23E-06	1.19E-06
179	487308.74, 3856986.11	0.09692	1.26E-06	1.24E-06	1.21E-06
180	487358.74, 3856986.11	0.09779	1.27E-06	1.26E-06	1.22E-06
181	487208.74, 3857036.11	0.09471	1.23E-06	1.22E-06	1.18E-06
182	487258.74, 3857036.11	0.09808	1.28E-06	1.26E-06	1.22E-06
183	487308.74, 3857036.11	0.10086	1.31E-06	1.30E-06	1.26E-06
184	487358.74, 3857036.11	0.10252	1.33E-06	1.32E-06	1.28E-06
185	487427.14, 3856878.23	0.08777	1.14E-06	1.13E-06	1.09E-06
186	487477.14, 3856878.23	0.08806	1.15E-06	1.13E-06	1.10E-06
187	487527.14, 3856878.23	0.0885	1.15E-06	1.14E-06	1.10E-06
188	487427.14, 3856928.23	0.09225	1.20E-06	1.18E-06	1.15E-06
189	487477.14, 3856928.23	0.09215	1.20E-06	1.18E-06	1.15E-06
190	487527.14, 3856928.23	0.09248	1.20E-06	1.19E-06	1.15E-06
191	487577.14, 3856928.23	0.09304	1.21E-06	1.19E-06	1.16E-06
192	487627.14, 3856928.23	0.09364	1.22E-06	1.20E-06	1.17E-06
193	487677.14, 3856928.23	0.09487	1.23E-06	1.22E-06	1.18E-06
194	487727.14, 3856928.23	0.0962	1.25E-06	1.24E-06	1.20E-06
195	487777.14, 3856928.23	0.09715	1.26E-06	1.25E-06	1.21E-06
196	487427.14, 3856978.23	0.09699	1.26E-06	1.25E-06	1.21E-06
197	487477.14, 3856978.23	0.09698	1.26E-06	1.25E-06	1.21E-06
198	487527.14, 3856978.23	0.09711	1.26E-06	1.25E-06	1.21E-06
199	487577.14, 3856978.23	0.09739	1.27E-06	1.25E-06	1.21E-06
200	487627.14, 3856978.23	0.09777	1.27E-06	1.26E-06	1.22E-06
201	487677.14, 3856978.23	0.0989	1.29E-06	1.27E-06	1.23E-06
202	487727.14, 3856978.23	0.09938	1.29E-06	1.28E-06	1.24E-06
203	487777.14, 3856978.23	0.10153	1.32E-06	1.30E-06	1.27E-06
204	487427.14, 3857028.23	0.10247	1.33E-06	1.32E-06	1.28E-06
205	487477.14, 3857028.23	0.1024	1.33E-06	1.32E-06	1.28E-06
206	487527.14, 3857028.23	0.10219	1.33E-06	1.31E-06	1.27E-06
207	487577.14, 3857028.23	0.1023	1.33E-06	1.31E-06	1.28E-06
208	487627.14, 3857028.23	0.10234	1.33E-06	1.31E-06	1.28E-06
209	487677.14, 3857028.23	0.10321	1.34E-06	1.33E-06	1.29E-06
210	487727.14, 3857028.23	0.10466	1.36E-06	1.34E-06	1.31E-06
211	487777.14, 3857028.23	0.10596	1.38E-06	1.36E-06	1.32E-06
212	487427.14, 3857078.23	0.10791	1.40E-06	1.39E-06	1.35E-06
213	487477.14, 3857078.23	0.10811	1.41E-06	1.39E-06	1.35E-06
214	487527.14, 3857078.23	0.10801	1.41E-06	1.39E-06	1.35E-06
215	487577.14, 3857078.23	0.10781	1.40E-06	1.38E-06	1.34E-06
216	487627.14, 3857078.23	0.10775	1.40E-06	1.38E-06	1.34E-06
217	487677.14, 3857078.23	0.10832	1.41E-06	1.39E-06	1.35E-06
218	487727.14, 3857078.23	0.10945	1.42E-06	1.41E-06	1.37E-06
219	487777.14, 3857078.23	0.11053	1.44E-06	1.42E-06	1.38E-06
220	487427.14, 3857128.23	0.11309	1.47E-06	1.45E-06	1.41E-06

221	487477.14, 3857128.23	0.11405	1.48E-06	1.46E-06	1.42E-06
222	487527.14, 3857128.23	0.11411	1.48E-06	1.47E-06	1.42E-06
223	487577.14, 3857128.23	0.11393	1.48E-06	1.46E-06	1.42E-06
224	487627.14, 3857128.23	0.11385	1.48E-06	1.46E-06	1.42E-06
225	487677.14, 3857128.23	0.11385	1.48E-06	1.46E-06	1.42E-06
226	487727.14, 3857128.23	0.11496	1.50E-06	1.48E-06	1.43E-06
227	487777.14, 3857128.23	0.1159	1.51E-06	1.49E-06	1.45E-06
228	488049.44, 3856539.39	0.07675	9.99E-07	9.86E-07	9.57E-07
229	488099.44, 3856539.39	0.07717	1.00E-06	9.91E-07	9.62E-07
230	488149.44, 3856539.39	0.07786	1.01E-06	1.00E-06	9.71E-07
231	488049.44, 3856589.39	0.0798	1.04E-06	1.02E-06	9.95E-07
232	488099.44, 3856589.39	0.0803	1.04E-06	1.03E-06	1.00E-06
233	488149.44, 3856589.39	0.08089	1.05E-06	1.04E-06	1.01E-06
234	488199.44, 3856589.39	0.08134	1.06E-06	1.04E-06	1.01E-06
235	488249.44, 3856589.39	0.08256	1.07E-06	1.06E-06	1.03E-06
236	488049.44, 3856639.39	0.08291	1.08E-06	1.06E-06	1.03E-06
237	488099.44, 3856639.39	0.08345	1.09E-06	1.07E-06	1.04E-06
238	488149.44, 3856639.39	0.08402	1.09E-06	1.08E-06	1.05E-06
239	488199.44, 3856639.39	0.08484	1.10E-06	1.09E-06	1.06E-06
240	488249.44, 3856639.39	0.08559	1.11E-06	1.10E-06	1.07E-06
241	488299.44, 3856639.39	0.08641	1.12E-06	1.11E-06	1.08E-06
242	488349.44, 3856639.39	0.08706	1.13E-06	1.12E-06	1.09E-06
243	488399.44, 3856639.39	0.08827	1.15E-06	1.13E-06	1.10E-06
244	488099.44, 3856689.39	0.08692	1.13E-06	1.12E-06	1.08E-06
245	488149.44, 3856689.39	0.08745	1.14E-06	1.12E-06	1.09E-06
246	488199.44, 3856689.39	0.08825	1.15E-06	1.13E-06	1.10E-06
247	488249.44, 3856689.39	0.08879	1.16E-06	1.14E-06	1.11E-06
248	488299.44, 3856689.39	0.08986	1.17E-06	1.15E-06	1.12E-06
249	488349.44, 3856689.39	0.09054	1.18E-06	1.16E-06	1.13E-06
250	488399.44, 3856689.39	0.09096	1.18E-06	1.17E-06	1.13E-06
251	488099.44, 3856739.39	0.09063	1.18E-06	1.16E-06	1.13E-06
252	488149.44, 3856739.39	0.09101	1.18E-06	1.17E-06	1.14E-06
253	488199.44, 3856739.39	0.092	1.20E-06	1.18E-06	1.15E-06
254	488249.44, 3856739.39	0.09251	1.20E-06	1.19E-06	1.15E-06
255	488299.44, 3856739.39	0.09271	1.21E-06	1.19E-06	1.16E-06
256	488349.44, 3856739.39	0.09411	1.22E-06	1.21E-06	1.17E-06
257	488399.44, 3856739.39	0.09554	1.24E-06	1.23E-06	1.19E-06
258	487999.44, 3856789.39	0.09209	1.20E-06	1.18E-06	1.15E-06
259	488049.44, 3856789.39	0.09298	1.21E-06	1.19E-06	1.16E-06
260	488099.44, 3856789.39	0.09416	1.23E-06	1.21E-06	1.17E-06
261	488149.44, 3856789.39	0.09478	1.23E-06	1.22E-06	1.18E-06
262	488199.44, 3856789.39	0.09561	1.24E-06	1.23E-06	1.19E-06
263	488249.44, 3856789.39	0.09621	1.25E-06	1.24E-06	1.20E-06
264	488299.44, 3856789.39	0.09658	1.26E-06	1.24E-06	1.20E-06
265	488349.44, 3856789.39	0.09801	1.28E-06	1.26E-06	1.22E-06
266	488399.44, 3856789.39	0.09931	1.29E-06	1.28E-06	1.24E-06
267	487949.44, 3856839.39	0.0946	1.23E-06	1.22E-06	1.18E-06
268	487999.44, 3856839.39	0.09567	1.24E-06	1.23E-06	1.19E-06
269	488049.44, 3856839.39	0.09663	1.26E-06	1.24E-06	1.21E-06
270	488099.44, 3856839.39	0.09773	1.27E-06	1.26E-06	1.22E-06
271	488149.44, 3856839.39	0.09872	1.28E-06	1.27E-06	1.23E-06
272	488199.44, 3856839.39	0.0996	1.30E-06	1.28E-06	1.24E-06
273	487949.44, 3856889.39	0.09808	1.28E-06	1.26E-06	1.22E-06
274	487999.44, 3856889.39	0.09962	1.30E-06	1.28E-06	1.24E-06
275	488049.44, 3856889.39	0.10038	1.31E-06	1.29E-06	1.25E-06
276	488099.44, 3856889.39	0.10174	1.32E-06	1.31E-06	1.27E-06

277	488635.86, 3857895.05	0.65413	8.51E-06	8.40E-06	8.16E-06
278	489137.64, 3857804.15	0.54016	7.03E-06	6.94E-06	6.74E-06
279	488617.32, 3857859.41	0.53047	6.90E-06	6.81E-06	6.62E-06
280	488667.32, 3857859.41	0.55181	7.18E-06	7.09E-06	6.88E-06
281	488717.32, 3857859.41	0.57052	7.42E-06	7.33E-06	7.12E-06
282	488767.32, 3857859.41	0.58925	7.67E-06	7.57E-06	7.35E-06
283	488617.32, 3857909.41	0.7044	9.17E-06	9.05E-06	8.79E-06
284	488667.32, 3857909.41	0.72642	9.45E-06	9.33E-06	9.06E-06
285	488717.32, 3857909.41	0.74075	9.64E-06	9.51E-06	9.24E-06
286	488767.32, 3857909.41	0.75087	9.77E-06	9.64E-06	9.36E-06
287	488417.32, 3857959.41	0.84649	1.10E-05	1.09E-05	1.06E-05
288	488467.32, 3857959.41	0.90319	1.18E-05	1.16E-05	1.13E-05
289	488517.32, 3857959.41	0.95406	1.24E-05	1.23E-05	1.19E-05
290	488567.32, 3857959.41	0.98467	1.28E-05	1.26E-05	1.23E-05
291	488617.32, 3857959.41	0.99741	1.30E-05	1.28E-05	1.24E-05
292	488667.32, 3857959.41	0.99743	1.30E-05	1.28E-05	1.24E-05
293	488717.32, 3857959.41	0.98948	1.29E-05	1.27E-05	1.23E-05
294	488767.32, 3857959.41	0.97712	1.27E-05	1.25E-05	1.22E-05
295	488417.32, 3858009.41	1.60204	2.08E-05	2.06E-05	2.00E-05
296	488467.32, 3858009.41	1.6291	2.12E-05	2.09E-05	2.03E-05
297	488517.32, 3858009.41	1.59369	2.07E-05	2.05E-05	1.99E-05
298	488567.32, 3858009.41	1.53074	1.99E-05	1.97E-05	1.91E-05
299	488617.32, 3858009.41	1.46273	1.90E-05	1.88E-05	1.82E-05
300	488667.32, 3858009.41	1.39474	1.82E-05	1.79E-05	1.74E-05
301	488717.32, 3858009.41	1.33046	1.73E-05	1.71E-05	1.66E-05
302	488767.32, 3858009.41	1.27235	1.66E-05	1.63E-05	1.59E-05
303	488417.32, 3858059.41	3.77016	4.91E-05	4.84E-05	4.70E-05
304	488467.32, 3858059.41	3.10866	4.05E-05	3.99E-05	3.88E-05
305	488517.32, 3858059.41	2.65778	3.46E-05	3.41E-05	3.31E-05
306	488567.32, 3858059.41	2.32937	3.03E-05	2.99E-05	2.91E-05
307	488617.32, 3858059.41	2.08238	2.71E-05	2.67E-05	2.60E-05
308	488667.32, 3858059.41	1.89296	2.46E-05	2.43E-05	2.36E-05
309	488417.32, 3858109.41	6.8525	8.92E-05	8.80E-05	8.55E-05
310	488467.32, 3858109.41	4.97107	6.47E-05	6.38E-05	6.20E-05
311	488517.32, 3858109.41	3.89939	5.07E-05	5.01E-05	4.86E-05
312	488567.32, 3858109.41	3.22554	4.20E-05	4.14E-05	4.02E-05
313	488617.32, 3858109.41	2.75723	3.59E-05	3.54E-05	3.44E-05
314	488667.32, 3858109.41	2.42478	3.16E-05	3.11E-05	3.02E-05
315	488769.93, 3858449.27	7.4173	9.65E-05	9.53E-05	9.25E-05
316	488819.93, 3858449.27	5.40904	7.04E-05	6.95E-05	6.75E-05
317	488819.93, 3858499.27	7.7176	1.00E-04	9.91E-05	9.63E-05
318	488869.93, 3858499.27	5.58477	7.27E-05	7.17E-05	6.97E-05
319	488869.93, 3858549.27	8.05459	1.05E-04	1.03E-04	1.00E-04
320	489438.17, 3859571.48	1.37	1.78E-05	1.76E-05	1.71E-05
321	489488.17, 3859571.48	1.23098	1.60E-05	1.58E-05	1.54E-05
322	489538.17, 3859571.48	1.12505	1.46E-05	1.44E-05	1.40E-05
323	489588.17, 3859571.48	1.0411	1.35E-05	1.34E-05	1.30E-05
324	489438.17, 3859621.48	1.01272	1.32E-05	1.30E-05	1.26E-05
325	489488.17, 3859621.48	0.95495	1.24E-05	1.23E-05	1.19E-05
326	489538.17, 3859621.48	0.90478	1.18E-05	1.16E-05	1.13E-05
327	489588.17, 3859621.48	0.86163	1.12E-05	1.11E-05	1.07E-05
328	489238.17, 3859671.48	1.32765	1.73E-05	1.71E-05	1.66E-05
329	489288.17, 3859671.48	1.03321	1.34E-05	1.33E-05	1.29E-05
330	489338.17, 3859671.48	0.91184	1.19E-05	1.17E-05	1.14E-05
331	489388.17, 3859671.48	0.8465	1.10E-05	1.09E-05	1.06E-05
332	489438.17, 3859671.48	0.80279	1.04E-05	1.03E-05	1.00E-05

333	489488.17, 3859671.48	0.77249	1.01E-05	9.92E-06	9.63E-06
334	489538.17, 3859671.48	0.74612	9.71E-06	9.58E-06	9.31E-06
335	489588.17, 3859671.48	0.72277	9.41E-06	9.28E-06	9.01E-06
336	489238.17, 3859721.48	1.22551	1.59E-05	1.57E-05	1.53E-05
337	489288.17, 3859721.48	0.92791	1.21E-05	1.19E-05	1.16E-05
338	489338.17, 3859721.48	0.79849	1.04E-05	1.03E-05	9.96E-06
339	489388.17, 3859721.48	0.73214	9.53E-06	9.40E-06	9.13E-06
340	489438.17, 3859721.48	0.68922	8.97E-06	8.85E-06	8.60E-06
341	489488.17, 3859721.48	0.66056	8.60E-06	8.48E-06	8.24E-06
342	489538.17, 3859721.48	0.63967	8.32E-06	8.22E-06	7.98E-06
343	489588.17, 3859721.48	0.62352	8.11E-06	8.01E-06	7.78E-06
344	489238.17, 3859771.48	1.1605	1.51E-05	1.49E-05	1.45E-05
345	489288.17, 3859771.48	0.86106	1.12E-05	1.11E-05	1.07E-05
346	489338.17, 3859771.48	0.72908	9.49E-06	9.36E-06	9.09E-06
347	489388.17, 3859771.48	0.661	8.60E-06	8.49E-06	8.24E-06
348	489438.17, 3859771.48	0.61933	8.06E-06	7.95E-06	7.72E-06
349	489488.17, 3859771.48	0.5912	7.69E-06	7.59E-06	7.37E-06
350	489538.17, 3859771.48	0.56963	7.41E-06	7.32E-06	7.10E-06
351	489588.17, 3859771.48	0.55386	7.21E-06	7.11E-06	6.91E-06
352	489238.17, 3859821.48	1.11457	1.45E-05	1.43E-05	1.39E-05
353	489288.17, 3859821.48	0.81454	1.06E-05	1.05E-05	1.02E-05
354	489338.17, 3859821.48	0.68249	8.88E-06	8.77E-06	8.51E-06
355	489388.17, 3859821.48	0.61233	7.97E-06	7.86E-06	7.64E-06
356	489438.17, 3859821.48	0.57057	7.43E-06	7.33E-06	7.12E-06
357	489488.17, 3859821.48	0.54222	7.06E-06	6.96E-06	6.76E-06
358	489538.17, 3859821.48	0.521	6.78E-06	6.69E-06	6.50E-06
359	489588.17, 3859821.48	0.50486	6.57E-06	6.48E-06	6.30E-06
360	489238.17, 3859871.48	1.07944	1.40E-05	1.39E-05	1.35E-05
361	489288.17, 3859871.48	0.7806	1.02E-05	1.00E-05	9.74E-06
362	489338.17, 3859871.48	0.64796	8.43E-06	8.32E-06	8.08E-06
363	489388.17, 3859871.48	0.57653	7.50E-06	7.40E-06	7.19E-06
364	489438.17, 3859871.48	0.53241	6.93E-06	6.84E-06	6.64E-06
365	489488.17, 3859871.48	0.50144	6.53E-06	6.44E-06	6.25E-06
366	489538.17, 3859871.48	0.48269	6.28E-06	6.20E-06	6.02E-06
367	489588.17, 3859871.48	0.46699	6.08E-06	6.00E-06	5.82E-06
368	489238.17, 3859921.48	1.0477	1.36E-05	1.35E-05	1.31E-05
369	489288.17, 3859921.48	0.74779	9.73E-06	9.60E-06	9.33E-06
370	489338.17, 3859921.48	0.61798	8.04E-06	7.94E-06	7.71E-06
371	489388.17, 3859921.48	0.54586	7.10E-06	7.01E-06	6.81E-06
372	489438.17, 3859921.48	0.4978	6.48E-06	6.39E-06	6.21E-06
373	489488.17, 3859921.48	0.46828	6.09E-06	6.01E-06	5.84E-06
374	489538.17, 3859921.48	0.44959	5.85E-06	5.77E-06	5.61E-06
375	489588.17, 3859921.48	0.43316	5.64E-06	5.56E-06	5.40E-06
376	489238.17, 3859971.48	1.0186	1.33E-05	1.31E-05	1.27E-05
377	489288.17, 3859971.48	0.72419	9.42E-06	9.30E-06	9.03E-06
378	489338.17, 3859971.48	0.59177	7.70E-06	7.60E-06	7.38E-06
379	489388.17, 3859971.48	0.51718	6.73E-06	6.64E-06	6.45E-06
380	489438.17, 3859971.48	0.4627	6.02E-06	5.94E-06	5.77E-06
381	489488.17, 3859971.48	0.42235	5.50E-06	5.42E-06	5.27E-06
382	489538.17, 3859971.48	0.39941	5.20E-06	5.13E-06	4.98E-06
383	489588.17, 3859971.48	0.38397	5.00E-06	4.93E-06	4.79E-06
384	483577.7, 3854071	0.01828	2.38E-07	2.35E-07	2.28E-07
385	483627.7, 3854071	0.01838	2.39E-07	2.36E-07	2.29E-07
386	483677.7, 3854071	0.01848	2.40E-07	2.37E-07	2.30E-07
387	483727.7, 3854071	0.0186	2.42E-07	2.39E-07	2.32E-07
388	483777.7, 3854071	0.01866	2.43E-07	2.40E-07	2.33E-07

389	483577.7, 3854121	0.01841	2.40E-07	2.36E-07	2.30E-07
390	483627.7, 3854121	0.01844	2.40E-07	2.37E-07	2.30E-07
391	483677.7, 3854121	0.01845	2.40E-07	2.37E-07	2.30E-07
392	483727.7, 3854121	0.01846	2.40E-07	2.37E-07	2.30E-07
393	483777.7, 3854121	0.01854	2.41E-07	2.38E-07	2.31E-07
394	483577.7, 3854171	0.01847	2.40E-07	2.37E-07	2.30E-07
395	483627.7, 3854171	0.0184	2.39E-07	2.36E-07	2.29E-07
396	483677.7, 3854171	0.01839	2.39E-07	2.36E-07	2.29E-07
397	483727.7, 3854171	0.01843	2.40E-07	2.37E-07	2.30E-07
398	483777.7, 3854171	0.01845	2.40E-07	2.37E-07	2.30E-07
399	483827.7, 3854171	0.01833	2.39E-07	2.35E-07	2.29E-07
400	483877.7, 3854171	0.01837	2.39E-07	2.36E-07	2.29E-07
401	483727.7, 3854221	0.01845	2.40E-07	2.37E-07	2.30E-07
402	483777.7, 3854221	0.0184	2.39E-07	2.36E-07	2.29E-07
403	483827.7, 3854221	0.01851	2.41E-07	2.38E-07	2.31E-07
404	483877.7, 3854221	0.01842	2.40E-07	2.37E-07	2.30E-07
405	489150.19, 3858726.45	6.4121	8.34E-05	8.24E-05	8.00E-05
406	489200.19, 3858726.45	8.33277	1.08E-04	1.07E-04	1.04E-04
407	489150.19, 3858776.45	8.01621	1.04E-04	1.03E-04	1.00E-04
408	489200.19, 3858776.45	8.3139	1.08E-04	1.07E-04	1.04E-04
409	488919.6, 3856400.76	0.08118	1.06E-06	1.04E-06	1.01E-06
410	488919.6, 3856450.76	0.08436	1.10E-06	1.08E-06	1.05E-06
411	488969.6, 3856450.76	0.08453	1.10E-06	1.09E-06	1.05E-06
412	488919.6, 3856500.76	0.08772	1.14E-06	1.13E-06	1.09E-06
413	488969.6, 3856500.76	0.08811	1.15E-06	1.13E-06	1.10E-06
414	488919.6, 3856550.76	0.09144	1.19E-06	1.17E-06	1.14E-06
415	488969.6, 3856550.76	0.09175	1.19E-06	1.18E-06	1.14E-06
416	488819.6, 3856600.76	0.09376	1.22E-06	1.20E-06	1.17E-06
417	488869.6, 3856600.76	0.09452	1.23E-06	1.21E-06	1.18E-06
418	488919.6, 3856600.76	0.09518	1.24E-06	1.22E-06	1.19E-06
419	488819.6, 3856650.76	0.09754	1.27E-06	1.25E-06	1.22E-06
420	488869.6, 3856650.76	0.09845	1.28E-06	1.26E-06	1.23E-06
421	488819.6, 3856700.76	0.10154	1.32E-06	1.30E-06	1.27E-06
422	488869.6, 3856700.76	0.10253	1.33E-06	1.32E-06	1.28E-06
423	488819.6, 3856750.76	0.10557	1.37E-06	1.36E-06	1.32E-06
424	488869.6, 3856750.76	0.10689	1.39E-06	1.37E-06	1.33E-06
425	488819.6, 3857050.76	0.13632	1.77E-06	1.75E-06	1.70E-06
426	488869.6, 3857050.76	0.13834	1.80E-06	1.78E-06	1.73E-06
427	488919.6, 3857050.76	0.14038	1.83E-06	1.80E-06	1.75E-06
428	488819.6, 3857100.76	0.14295	1.86E-06	1.84E-06	1.78E-06
429	488869.6, 3857100.76	0.14525	1.89E-06	1.87E-06	1.81E-06
430	488919.6, 3857100.76	0.14791	1.92E-06	1.90E-06	1.84E-06
431	488819.6, 3857150.76	0.15038	1.96E-06	1.93E-06	1.88E-06
432	488869.6, 3857150.76	0.1533	1.99E-06	1.97E-06	1.91E-06
433	488919.6, 3857150.76	0.15602	2.03E-06	2.00E-06	1.95E-06
434	488969.6, 3857150.76	0.15827	2.06E-06	2.03E-06	1.97E-06
435	488819.6, 3857200.76	0.15887	2.07E-06	2.04E-06	1.98E-06
436	488869.6, 3857200.76	0.16219	2.11E-06	2.08E-06	2.02E-06
437	488919.6, 3857200.76	0.16513	2.15E-06	2.12E-06	2.06E-06
438	488969.6, 3857200.76	0.16743	2.18E-06	2.15E-06	2.09E-06
439	488819.6, 3857250.76	0.16824	2.19E-06	2.16E-06	2.10E-06
440	488869.6, 3857250.76	0.17169	2.23E-06	2.21E-06	2.14E-06
441	488919.6, 3857250.76	0.17491	2.28E-06	2.25E-06	2.18E-06
442	488969.6, 3857250.76	0.17753	2.31E-06	2.28E-06	2.21E-06
443	488819.6, 3857300.76	0.1787	2.33E-06	2.30E-06	2.23E-06
444	488869.6, 3857300.76	0.18229	2.37E-06	2.34E-06	2.27E-06

445	488919.6, 3857300.76	0.18574	2.42E-06	2.39E-06	2.32E-06
446	488819.6, 3857450.76	0.21762	2.83E-06	2.80E-06	2.71E-06
447	488869.6, 3857450.76	0.22114	2.88E-06	2.84E-06	2.76E-06
448	488919.6, 3857450.76	0.22516	2.93E-06	2.89E-06	2.81E-06
449	488819.6, 3857500.76	0.23335	3.04E-06	3.00E-06	2.91E-06
450	488869.6, 3857500.76	0.23753	3.09E-06	3.05E-06	2.96E-06
451	488919.6, 3857500.76	0.2421	3.15E-06	3.11E-06	3.02E-06
452	488819.6, 3857550.76	0.25187	3.28E-06	3.23E-06	3.14E-06
453	488869.6, 3857550.76	0.25664	3.34E-06	3.30E-06	3.20E-06
454	488919.6, 3857550.76	0.26243	3.42E-06	3.37E-06	3.27E-06
455	489663.71, 3860900.05	0.23175	3.02E-06	2.98E-06	2.89E-06
456	489813.71, 3860900.05	0.20578	2.68E-06	2.64E-06	2.57E-06
457	489863.71, 3860900.05	0.19867	2.59E-06	2.55E-06	2.48E-06
458	489913.71, 3860900.05	0.19336	2.52E-06	2.48E-06	2.41E-06
459	489963.71, 3860900.05	0.18789	2.45E-06	2.41E-06	2.34E-06
460	490013.71, 3860900.05	0.18389	2.39E-06	2.36E-06	2.29E-06
461	490063.71, 3860900.05	0.18005	2.34E-06	2.31E-06	2.25E-06
462	489663.71, 3860950.05	0.22877	2.98E-06	2.94E-06	2.85E-06
463	489813.71, 3860950.05	0.20262	2.64E-06	2.60E-06	2.53E-06
464	489863.71, 3860950.05	0.19538	2.54E-06	2.51E-06	2.44E-06
465	489913.71, 3860950.05	0.18978	2.47E-06	2.44E-06	2.37E-06
466	489963.71, 3860950.05	0.18445	2.40E-06	2.37E-06	2.30E-06
467	490013.71, 3860950.05	0.18007	2.34E-06	2.31E-06	2.25E-06
468	490063.71, 3860950.05	0.17631	2.29E-06	2.26E-06	2.20E-06
469	489513.71, 3861000.05	0.27259	3.55E-06	3.50E-06	3.40E-06
470	489563.71, 3861000.05	0.25304	3.29E-06	3.25E-06	3.16E-06
471	489613.71, 3861000.05	0.23843	3.10E-06	3.06E-06	2.97E-06
472	489663.71, 3861000.05	0.22624	2.94E-06	2.91E-06	2.82E-06
473	489713.71, 3861000.05	0.21571	2.81E-06	2.77E-06	2.69E-06
474	489763.71, 3861000.05	0.20692	2.69E-06	2.66E-06	2.58E-06
475	489813.71, 3861000.05	0.19983	2.60E-06	2.57E-06	2.49E-06
476	489863.71, 3861000.05	0.19255	2.51E-06	2.47E-06	2.40E-06
477	489913.71, 3861000.05	0.18683	2.43E-06	2.40E-06	2.33E-06
478	489963.71, 3861000.05	0.18123	2.36E-06	2.33E-06	2.26E-06
479	490013.71, 3861000.05	0.17676	2.30E-06	2.27E-06	2.20E-06
480	490063.71, 3861000.05	0.17281	2.25E-06	2.22E-06	2.16E-06
481	489513.71, 3861050.05	0.27106	3.53E-06	3.48E-06	3.38E-06
482	489563.71, 3861050.05	0.25119	3.27E-06	3.23E-06	3.13E-06
483	489613.71, 3861050.05	0.23666	3.08E-06	3.04E-06	2.95E-06
484	489663.71, 3861050.05	0.22371	2.91E-06	2.87E-06	2.79E-06
485	489713.71, 3861050.05	0.21304	2.77E-06	2.74E-06	2.66E-06
486	489763.71, 3861050.05	0.2043	2.66E-06	2.62E-06	2.55E-06
487	489813.71, 3861050.05	0.19682	2.56E-06	2.53E-06	2.45E-06
488	489863.71, 3861050.05	0.18984	2.47E-06	2.44E-06	2.37E-06
489	489913.71, 3861050.05	0.18378	2.39E-06	2.36E-06	2.29E-06
490	489963.71, 3861050.05	0.17837	2.32E-06	2.29E-06	2.22E-06
491	490013.71, 3861050.05	0.17398	2.26E-06	2.23E-06	2.17E-06
492	490063.71, 3861050.05	0.16985	2.21E-06	2.18E-06	2.12E-06
493	489513.71, 3861100.05	0.26932	3.50E-06	3.46E-06	3.36E-06
494	489563.71, 3861100.05	0.24904	3.24E-06	3.20E-06	3.11E-06
495	489613.71, 3861100.05	0.23255	3.03E-06	2.99E-06	2.90E-06
496	489663.71, 3861100.05	0.22035	2.87E-06	2.83E-06	2.75E-06
497	489713.71, 3861100.05	0.21017	2.74E-06	2.70E-06	2.62E-06
498	489763.71, 3861100.05	0.20139	2.62E-06	2.59E-06	2.51E-06
499	489813.71, 3861100.05	0.19393	2.52E-06	2.49E-06	2.42E-06
500	489863.71, 3861100.05	0.18748	2.44E-06	2.41E-06	2.34E-06

501	489913.71, 3861100.05	0.1811	2.36E-06	2.33E-06	2.26E-06
502	489963.71, 3861100.05	0.17573	2.29E-06	2.26E-06	2.19E-06
503	490013.71, 3861100.05	0.17079	2.22E-06	2.19E-06	2.13E-06
504	490063.71, 3861100.05	0.16671	2.17E-06	2.14E-06	2.08E-06
505	489713.71, 3861150.05	0.20754	2.70E-06	2.67E-06	2.59E-06
506	489763.71, 3861150.05	0.19891	2.59E-06	2.55E-06	2.48E-06
507	489813.71, 3861150.05	0.19141	2.49E-06	2.46E-06	2.39E-06
508	489863.71, 3861150.05	0.18461	2.40E-06	2.37E-06	2.30E-06
509	489913.71, 3861150.05	0.17845	2.32E-06	2.29E-06	2.23E-06
510	489963.71, 3861150.05	0.17288	2.25E-06	2.22E-06	2.16E-06
511	490013.71, 3861150.05	0.16797	2.19E-06	2.16E-06	2.09E-06
512	490063.71, 3861150.05	0.16399	2.13E-06	2.11E-06	2.05E-06
513	489613.71, 3861200.05	0.22725	2.96E-06	2.92E-06	2.83E-06
514	489663.71, 3861200.05	0.21515	2.80E-06	2.76E-06	2.68E-06
515	489713.71, 3861200.05	0.20508	2.67E-06	2.63E-06	2.56E-06
516	489763.71, 3861200.05	0.19643	2.56E-06	2.52E-06	2.45E-06
517	489813.71, 3861200.05	0.18893	2.46E-06	2.43E-06	2.36E-06
518	489863.71, 3861200.05	0.1824	2.37E-06	2.34E-06	2.27E-06
519	489913.71, 3861200.05	0.1762	2.29E-06	2.26E-06	2.20E-06
520	489963.71, 3861200.05	0.17056	2.22E-06	2.19E-06	2.13E-06
521	490013.71, 3861200.05	0.16578	2.16E-06	2.13E-06	2.07E-06
522	490063.71, 3861200.05	0.16144	2.10E-06	2.07E-06	2.01E-06
523	489513.71, 3861250.05	0.25906	3.37E-06	3.33E-06	3.23E-06
524	489563.71, 3861250.05	0.24037	3.13E-06	3.09E-06	3.00E-06
525	489613.71, 3861250.05	0.22539	2.93E-06	2.89E-06	2.81E-06
526	489663.71, 3861250.05	0.21296	2.77E-06	2.74E-06	2.66E-06
527	489713.71, 3861250.05	0.20281	2.64E-06	2.60E-06	2.53E-06
528	489763.71, 3861250.05	0.19415	2.53E-06	2.49E-06	2.42E-06
529	489813.71, 3861250.05	0.18659	2.43E-06	2.40E-06	2.33E-06
530	489863.71, 3861250.05	0.17989	2.34E-06	2.31E-06	2.24E-06
531	489913.71, 3861250.05	0.17399	2.26E-06	2.23E-06	2.17E-06
532	489963.71, 3861250.05	0.16859	2.19E-06	2.17E-06	2.10E-06
533	490013.71, 3861250.05	0.1637	2.13E-06	2.10E-06	2.04E-06
534	490063.71, 3861250.05	0.15915	2.07E-06	2.04E-06	1.98E-06
535	489528.13, 3861308.47	0.25056	3.26E-06	3.22E-06	3.13E-06
536	489578.13, 3861308.47	0.23288	3.03E-06	2.99E-06	2.90E-06
537	489628.13, 3861308.47	0.21874	2.85E-06	2.81E-06	2.73E-06
538	489678.13, 3861308.47	0.2073	2.70E-06	2.66E-06	2.59E-06
539	489728.13, 3861308.47	0.19764	2.57E-06	2.54E-06	2.46E-06
540	489778.13, 3861308.47	0.1892	2.46E-06	2.43E-06	2.36E-06
541	489678.13, 3861358.47	0.2051	2.67E-06	2.63E-06	2.56E-06
542	489728.13, 3861358.47	0.19538	2.54E-06	2.51E-06	2.44E-06
543	489528.13, 3861408.47	0.24631	3.21E-06	3.16E-06	3.07E-06
544	489578.13, 3861408.47	0.22857	2.97E-06	2.94E-06	2.85E-06
545	489628.13, 3861408.47	0.21498	2.80E-06	2.76E-06	2.68E-06
546	489678.13, 3861408.47	0.20312	2.64E-06	2.61E-06	2.53E-06
547	489728.13, 3861408.47	0.19321	2.51E-06	2.48E-06	2.41E-06
548	489528.13, 3861458.47	0.24489	3.19E-06	3.15E-06	3.05E-06
549	489578.13, 3861458.47	0.22702	2.95E-06	2.92E-06	2.83E-06
550	489628.13, 3861458.47	0.21276	2.77E-06	2.73E-06	2.65E-06
551	489678.13, 3861458.47	0.201	2.62E-06	2.58E-06	2.51E-06
552	489728.13, 3861458.47	0.19089	2.48E-06	2.45E-06	2.38E-06
553	489528.13, 3861508.47	0.2432	3.16E-06	3.12E-06	3.03E-06
554	489578.13, 3861508.47	0.22502	2.93E-06	2.89E-06	2.81E-06
555	489628.13, 3861508.47	0.21061	2.74E-06	2.71E-06	2.63E-06
556	489678.13, 3861508.47	0.19878	2.59E-06	2.55E-06	2.48E-06

557	489728.13, 3861508.47	0.18888	2.46E-06	2.43E-06	2.36E-06
558	489628.13, 3861558.47	0.20903	2.72E-06	2.68E-06	2.61E-06
559	489678.13, 3861558.47	0.19749	2.57E-06	2.54E-06	2.46E-06
560	489728.13, 3861558.47	0.18763	2.44E-06	2.41E-06	2.34E-06
561	489357.08, 3861015.81	0.39891	5.19E-06	5.12E-06	4.98E-06
562	489407.08, 3861015.81	0.33865	4.41E-06	4.35E-06	4.22E-06
563	489457.08, 3861015.81	0.30063	3.91E-06	3.86E-06	3.75E-06
564	489357.08, 3861065.81	0.39801	5.18E-06	5.11E-06	4.96E-06
565	489407.08, 3861065.81	0.33775	4.40E-06	4.34E-06	4.21E-06
566	489457.08, 3861065.81	0.29928	3.89E-06	3.84E-06	3.73E-06
567	489357.08, 3861115.81	0.39553	5.15E-06	5.08E-06	4.93E-06
568	489407.08, 3861115.81	0.33678	4.38E-06	4.33E-06	4.20E-06
569	489457.08, 3861115.81	0.29825	3.88E-06	3.83E-06	3.72E-06
570	489407.08, 3861165.81	0.33414	4.35E-06	4.29E-06	4.17E-06
571	489457.08, 3861165.81	0.29582	3.85E-06	3.80E-06	3.69E-06
572	489407.08, 3861215.81	0.33128	4.31E-06	4.25E-06	4.13E-06
573	489457.08, 3861215.81	0.29258	3.81E-06	3.76E-06	3.65E-06
574	489407.08, 3861265.81	0.3249	4.23E-06	4.17E-06	4.05E-06
575	489457.08, 3861265.81	0.28819	3.75E-06	3.70E-06	3.59E-06
576	489309.86, 3861110.14	0.48868	6.36E-06	6.28E-06	6.09E-06
577	489407.08, 3861315.81	0.32284	4.20E-06	4.15E-06	4.03E-06
578	489457.08, 3861315.81	0.28625	3.73E-06	3.68E-06	3.57E-06
579	488906.03, 3861006.75	0.16614	2.16E-06	2.13E-06	2.07E-06
580	488956.03, 3861006.75	0.17685	2.30E-06	2.27E-06	2.21E-06
581	488904.24, 3861051.87	0.15802	2.06E-06	2.03E-06	1.97E-06
582	488954.24, 3861051.87	0.1711	2.23E-06	2.20E-06	2.13E-06
583	489004.24, 3861051.87	0.18134	2.36E-06	2.33E-06	2.26E-06
584	488804.24, 3861101.87	0.14433	1.88E-06	1.85E-06	1.80E-06
585	488854.24, 3861101.87	0.14958	1.95E-06	1.92E-06	1.87E-06
586	488904.24, 3861101.87	0.16038	2.09E-06	2.06E-06	2.00E-06
587	488954.24, 3861101.87	0.17225	2.24E-06	2.21E-06	2.15E-06
588	489004.24, 3861101.87	0.18868	2.46E-06	2.42E-06	2.35E-06
589	488804.24, 3861151.87	0.14257	1.86E-06	1.83E-06	1.78E-06
590	488854.24, 3861151.87	0.14914	1.94E-06	1.92E-06	1.86E-06
591	489129.49, 3861187.55	0.29437	3.83E-06	3.78E-06	3.67E-06
592	489179.49, 3861187.55	0.48426	6.30E-06	6.22E-06	6.04E-06
593	488804.24, 3861201.87	0.1402	1.82E-06	1.80E-06	1.75E-06
594	488854.24, 3861201.87	0.14635	1.90E-06	1.88E-06	1.83E-06
595	489129.49, 3861237.55	0.29329	3.82E-06	3.77E-06	3.66E-06
596	489179.49, 3861237.55	0.4885	6.36E-06	6.27E-06	6.09E-06
597	488804.24, 3861251.87	0.13794	1.80E-06	1.77E-06	1.72E-06
598	488854.24, 3861251.87	0.14417	1.88E-06	1.85E-06	1.80E-06
599	488804.24, 3861301.87	0.13563	1.77E-06	1.74E-06	1.69E-06
600	488854.24, 3861301.87	0.1421	1.85E-06	1.83E-06	1.77E-06
601	490943.5, 3860181.97	0.23667	3.08E-06	3.04E-06	2.95E-06
602	490993.5, 3860181.97	0.23475	3.05E-06	3.02E-06	2.93E-06
603	491043.5, 3860181.97	0.23304	3.03E-06	2.99E-06	2.91E-06
604	491093.5, 3860181.97	0.23102	3.01E-06	2.97E-06	2.88E-06
605	490943.5, 3860231.97	0.22644	2.95E-06	2.91E-06	2.82E-06
606	490993.5, 3860231.97	0.22536	2.93E-06	2.89E-06	2.81E-06
607	491043.5, 3860231.97	0.22298	2.90E-06	2.86E-06	2.78E-06
608	491093.5, 3860231.97	0.22075	2.87E-06	2.84E-06	2.75E-06
609	490943.5, 3860281.97	0.21721	2.83E-06	2.79E-06	2.71E-06
610	490993.5, 3860281.97	0.21592	2.81E-06	2.77E-06	2.69E-06
611	491043.5, 3860281.97	0.21388	2.78E-06	2.75E-06	2.67E-06
612	491093.5, 3860281.97	0.21185	2.76E-06	2.72E-06	2.64E-06

613	490943.5, 3860331.97	0.2087	2.72E-06	2.68E-06	2.60E-06
614	490993.5, 3860331.97	0.20672	2.69E-06	2.66E-06	2.58E-06
615	491043.5, 3860331.97	0.20485	2.67E-06	2.63E-06	2.55E-06
616	491093.5, 3860331.97	0.20306	2.64E-06	2.61E-06	2.53E-06
617	490086.72, 3859935.12	0.365	4.75E-06	4.69E-06	4.55E-06
618	490136.72, 3859935.12	0.36114	4.70E-06	4.64E-06	4.50E-06
619	490186.72, 3859935.12	0.35741	4.65E-06	4.59E-06	4.46E-06
620	490236.72, 3859935.12	0.35369	4.60E-06	4.54E-06	4.41E-06
621	490286.72, 3859935.12	0.34952	4.55E-06	4.49E-06	4.36E-06
622	490336.72, 3859935.12	0.3452	4.49E-06	4.43E-06	4.31E-06
623	490386.72, 3859935.12	0.34118	4.44E-06	4.38E-06	4.26E-06
624	490436.72, 3859935.12	0.33699	4.39E-06	4.33E-06	4.20E-06
625	490486.72, 3859935.12	0.33323	4.34E-06	4.28E-06	4.16E-06
626	490536.72, 3859935.12	0.33134	4.31E-06	4.26E-06	4.13E-06
627	490586.72, 3859935.12	0.3301	4.30E-06	4.24E-06	4.12E-06
628	490636.72, 3859935.12	0.32807	4.27E-06	4.21E-06	4.09E-06
629	490686.72, 3859935.12	0.32827	4.27E-06	4.22E-06	4.09E-06
630	490736.72, 3859935.12	0.32789	4.27E-06	4.21E-06	4.09E-06
631	490086.72, 3859985.12	0.34242	4.46E-06	4.40E-06	4.27E-06
632	490136.72, 3859985.12	0.33865	4.41E-06	4.35E-06	4.22E-06
633	490186.72, 3859985.12	0.33551	4.37E-06	4.31E-06	4.18E-06
634	490236.72, 3859985.12	0.33269	4.33E-06	4.27E-06	4.15E-06
635	490286.72, 3859985.12	0.32918	4.28E-06	4.23E-06	4.11E-06
636	490336.72, 3859985.12	0.3255	4.24E-06	4.18E-06	4.06E-06
637	490386.72, 3859985.12	0.3212	4.18E-06	4.13E-06	4.01E-06
638	490436.72, 3859985.12	0.31739	4.13E-06	4.08E-06	3.96E-06
639	490486.72, 3859985.12	0.31403	4.09E-06	4.03E-06	3.92E-06
640	490536.72, 3859985.12	0.31154	4.05E-06	4.00E-06	3.89E-06
641	490586.72, 3859985.12	0.30974	4.03E-06	3.98E-06	3.86E-06
642	490636.72, 3859985.12	0.30854	4.02E-06	3.96E-06	3.85E-06
643	490686.72, 3859985.12	0.30849	4.01E-06	3.96E-06	3.85E-06
644	490736.72, 3859985.12	0.30667	3.99E-06	3.94E-06	3.82E-06
645	490786.72, 3859985.12	0.30514	3.97E-06	3.92E-06	3.81E-06
646	490086.72, 3860035.12	0.32293	4.20E-06	4.15E-06	4.03E-06
647	490136.72, 3860035.12	0.31929	4.16E-06	4.10E-06	3.98E-06
648	490186.72, 3860035.12	0.31604	4.11E-06	4.06E-06	3.94E-06
649	490236.72, 3860035.12	0.313	4.07E-06	4.02E-06	3.90E-06
650	490286.72, 3860035.12	0.30979	4.03E-06	3.98E-06	3.86E-06
651	490336.72, 3860035.12	0.30721	4.00E-06	3.95E-06	3.83E-06
652	490386.72, 3860035.12	0.3035	3.95E-06	3.90E-06	3.79E-06
653	490436.72, 3860035.12	0.30011	3.91E-06	3.85E-06	3.74E-06
654	490486.72, 3860035.12	0.29701	3.87E-06	3.81E-06	3.70E-06
655	490536.72, 3860035.12	0.29461	3.83E-06	3.78E-06	3.67E-06
656	490586.72, 3860035.12	0.29225	3.80E-06	3.75E-06	3.64E-06
657	490636.72, 3860035.12	0.28945	3.77E-06	3.72E-06	3.61E-06
658	490686.72, 3860035.12	0.28822	3.75E-06	3.70E-06	3.59E-06
659	490736.72, 3860035.12	0.28847	3.75E-06	3.71E-06	3.60E-06
660	490786.72, 3860035.12	0.28663	3.73E-06	3.68E-06	3.57E-06
661	490836.72, 3860035.12	0.28479	3.71E-06	3.66E-06	3.55E-06
662	490086.72, 3860085.12	0.30739	4.00E-06	3.95E-06	3.83E-06
663	490136.72, 3860085.12	0.30248	3.94E-06	3.88E-06	3.77E-06
664	490186.72, 3860085.12	0.2996	3.90E-06	3.85E-06	3.74E-06
665	490236.72, 3860085.12	0.29637	3.86E-06	3.81E-06	3.70E-06
666	490286.72, 3860085.12	0.29334	3.82E-06	3.77E-06	3.66E-06
667	490336.72, 3860085.12	0.29023	3.78E-06	3.73E-06	3.62E-06
668	490386.72, 3860085.12	0.2873	3.74E-06	3.69E-06	3.58E-06

669	490436.72, 3860085.12	0.28443	3.70E-06	3.65E-06	3.55E-06
670	490486.72, 3860085.12	0.28143	3.66E-06	3.61E-06	3.51E-06
671	490536.72, 3860085.12	0.27919	3.63E-06	3.59E-06	3.48E-06
672	490586.72, 3860085.12	0.277	3.60E-06	3.56E-06	3.45E-06
673	490636.72, 3860085.12	0.2745	3.57E-06	3.53E-06	3.42E-06
674	490686.72, 3860085.12	0.27279	3.55E-06	3.50E-06	3.40E-06
675	490736.72, 3860085.12	0.27158	3.53E-06	3.49E-06	3.39E-06
676	490786.72, 3860085.12	0.27042	3.52E-06	3.47E-06	3.37E-06
677	490836.72, 3860085.12	0.26837	3.49E-06	3.45E-06	3.35E-06
678	490086.72, 3860135.12	0.29112	3.79E-06	3.74E-06	3.63E-06
679	490136.72, 3860135.12	0.28767	3.74E-06	3.69E-06	3.59E-06
680	490186.72, 3860135.12	0.28456	3.70E-06	3.65E-06	3.55E-06
681	490236.72, 3860135.12	0.28116	3.66E-06	3.61E-06	3.51E-06
682	490286.72, 3860135.12	0.27826	3.62E-06	3.57E-06	3.47E-06
683	490336.72, 3860135.12	0.27553	3.59E-06	3.54E-06	3.44E-06
684	490386.72, 3860135.12	0.27276	3.55E-06	3.50E-06	3.40E-06
685	490436.72, 3860135.12	0.26995	3.51E-06	3.47E-06	3.37E-06
686	490486.72, 3860135.12	0.26751	3.48E-06	3.44E-06	3.34E-06
687	490536.72, 3860135.12	0.2656	3.46E-06	3.41E-06	3.31E-06
688	490586.72, 3860135.12	0.26345	3.43E-06	3.38E-06	3.29E-06
689	490636.72, 3860135.12	0.26124	3.40E-06	3.36E-06	3.26E-06
690	490686.72, 3860135.12	0.25899	3.37E-06	3.33E-06	3.23E-06
691	490736.72, 3860135.12	0.25714	3.35E-06	3.30E-06	3.21E-06
692	490786.72, 3860135.12	0.25595	3.33E-06	3.29E-06	3.19E-06
693	490836.72, 3860135.12	0.25385	3.30E-06	3.26E-06	3.17E-06
694	490086.72, 3860185.12	0.27795	3.62E-06	3.57E-06	3.47E-06
695	490136.72, 3860185.12	0.27481	3.58E-06	3.53E-06	3.43E-06
696	490186.72, 3860185.12	0.27157	3.53E-06	3.49E-06	3.39E-06
697	490236.72, 3860185.12	0.26815	3.49E-06	3.44E-06	3.34E-06
698	490286.72, 3860185.12	0.26501	3.45E-06	3.40E-06	3.31E-06
699	490336.72, 3860185.12	0.26212	3.41E-06	3.37E-06	3.27E-06
700	490386.72, 3860185.12	0.25951	3.38E-06	3.33E-06	3.24E-06
701	490436.72, 3860185.12	0.25713	3.35E-06	3.30E-06	3.21E-06
702	490486.72, 3860185.12	0.25485	3.32E-06	3.27E-06	3.18E-06
703	490536.72, 3860185.12	0.25294	3.29E-06	3.25E-06	3.15E-06
704	490586.72, 3860185.12	0.25139	3.27E-06	3.23E-06	3.14E-06
705	490636.72, 3860185.12	0.24916	3.24E-06	3.20E-06	3.11E-06
706	490686.72, 3860185.12	0.24733	3.22E-06	3.18E-06	3.08E-06
707	490736.72, 3860185.12	0.24492	3.19E-06	3.15E-06	3.05E-06
708	490786.72, 3860185.12	0.24316	3.16E-06	3.12E-06	3.03E-06
709	490836.72, 3860185.12	0.24135	3.14E-06	3.10E-06	3.01E-06
710	490086.72, 3860235.12	0.26665	3.47E-06	3.42E-06	3.33E-06
711	490136.72, 3860235.12	0.26327	3.43E-06	3.38E-06	3.28E-06
712	490186.72, 3860235.12	0.26005	3.38E-06	3.34E-06	3.24E-06
713	490236.72, 3860235.12	0.25671	3.34E-06	3.30E-06	3.20E-06
714	490286.72, 3860235.12	0.25349	3.30E-06	3.26E-06	3.16E-06
715	490336.72, 3860235.12	0.2506	3.26E-06	3.22E-06	3.13E-06
716	490386.72, 3860235.12	0.24797	3.23E-06	3.18E-06	3.09E-06
717	490436.72, 3860235.12	0.24573	3.20E-06	3.16E-06	3.06E-06
718	490486.72, 3860235.12	0.24351	3.17E-06	3.13E-06	3.04E-06
719	490536.72, 3860235.12	0.24171	3.15E-06	3.10E-06	3.01E-06
720	490586.72, 3860235.12	0.24007	3.12E-06	3.08E-06	2.99E-06
721	490636.72, 3860235.12	0.23834	3.10E-06	3.06E-06	2.97E-06
722	490686.72, 3860235.12	0.23657	3.08E-06	3.04E-06	2.95E-06
723	490736.72, 3860235.12	0.23456	3.05E-06	3.01E-06	2.93E-06
724	490786.72, 3860235.12	0.23244	3.02E-06	2.99E-06	2.90E-06

725	490086.72, 3860285.12	0.25613	3.33E-06	3.29E-06	3.19E-06
726	490136.72, 3860285.12	0.25294	3.29E-06	3.25E-06	3.15E-06
727	490186.72, 3860285.12	0.24961	3.25E-06	3.21E-06	3.11E-06
728	490236.72, 3860285.12	0.24658	3.21E-06	3.17E-06	3.08E-06
729	490286.72, 3860285.12	0.24331	3.17E-06	3.12E-06	3.03E-06
730	490336.72, 3860285.12	0.24031	3.13E-06	3.09E-06	3.00E-06
731	490386.72, 3860285.12	0.23782	3.09E-06	3.05E-06	2.97E-06
732	490436.72, 3860285.12	0.23542	3.06E-06	3.02E-06	2.94E-06
733	490486.72, 3860285.12	0.23337	3.04E-06	3.00E-06	2.91E-06
734	490536.72, 3860285.12	0.23135	3.01E-06	2.97E-06	2.89E-06
735	490586.72, 3860285.12	0.22959	2.99E-06	2.95E-06	2.86E-06
736	490636.72, 3860285.12	0.22803	2.97E-06	2.93E-06	2.84E-06
737	490686.72, 3860285.12	0.22655	2.95E-06	2.91E-06	2.83E-06
738	490736.72, 3860285.12	0.22481	2.93E-06	2.89E-06	2.80E-06
739	490786.72, 3860285.12	0.22309	2.90E-06	2.87E-06	2.78E-06
740	490086.72, 3860335.12	0.24641	3.21E-06	3.16E-06	3.07E-06
741	490136.72, 3860335.12	0.24344	3.17E-06	3.13E-06	3.04E-06
742	490186.72, 3860335.12	0.24022	3.13E-06	3.09E-06	3.00E-06
743	490236.72, 3860335.12	0.23738	3.09E-06	3.05E-06	2.96E-06
744	490286.72, 3860335.12	0.23424	3.05E-06	3.01E-06	2.92E-06
745	490336.72, 3860335.12	0.23126	3.01E-06	2.97E-06	2.88E-06
746	490386.72, 3860335.12	0.22864	2.98E-06	2.94E-06	2.85E-06
747	490436.72, 3860335.12	0.22627	2.94E-06	2.91E-06	2.82E-06
748	490486.72, 3860335.12	0.2241	2.92E-06	2.88E-06	2.80E-06
749	490536.72, 3860335.12	0.22234	2.89E-06	2.86E-06	2.77E-06
750	490586.72, 3860335.12	0.22044	2.87E-06	2.83E-06	2.75E-06
751	490636.72, 3860335.12	0.21885	2.85E-06	2.81E-06	2.73E-06
752	490686.72, 3860335.12	0.21734	2.83E-06	2.79E-06	2.71E-06
753	490736.72, 3860335.12	0.21579	2.81E-06	2.77E-06	2.69E-06
754	490786.72, 3860335.12	0.21451	2.79E-06	2.76E-06	2.68E-06
755	490086.72, 3860385.12	0.23764	3.09E-06	3.05E-06	2.96E-06
756	490136.72, 3860385.12	0.23476	3.06E-06	3.02E-06	2.93E-06
757	490186.72, 3860385.12	0.23149	3.01E-06	2.97E-06	2.89E-06
758	490236.72, 3860385.12	0.22869	2.98E-06	2.94E-06	2.85E-06
759	490286.72, 3860385.12	0.22579	2.94E-06	2.90E-06	2.82E-06
760	490336.72, 3860385.12	0.22304	2.90E-06	2.86E-06	2.78E-06
761	490386.72, 3860385.12	0.22041	2.87E-06	2.83E-06	2.75E-06
762	490436.72, 3860385.12	0.21804	2.84E-06	2.80E-06	2.72E-06
763	490486.72, 3860385.12	0.216	2.81E-06	2.77E-06	2.69E-06
764	490536.72, 3860385.12	0.21408	2.79E-06	2.75E-06	2.67E-06
765	490586.72, 3860385.12	0.2123	2.76E-06	2.73E-06	2.65E-06
766	490636.72, 3860385.12	0.21055	2.74E-06	2.70E-06	2.63E-06
767	490686.72, 3860385.12	0.20911	2.72E-06	2.69E-06	2.61E-06
768	490736.72, 3860385.12	0.20745	2.70E-06	2.66E-06	2.59E-06
769	490786.72, 3860385.12	0.20593	2.68E-06	2.64E-06	2.57E-06
770	490136.72, 3860435.12	0.22645	2.95E-06	2.91E-06	2.82E-06
771	490186.72, 3860435.12	0.22361	2.91E-06	2.87E-06	2.79E-06
772	490236.72, 3860435.12	0.22078	2.87E-06	2.84E-06	2.75E-06
773	490286.72, 3860435.12	0.21803	2.84E-06	2.80E-06	2.72E-06
774	490336.72, 3860435.12	0.21529	2.80E-06	2.77E-06	2.69E-06
775	490386.72, 3860435.12	0.21288	2.77E-06	2.73E-06	2.66E-06
776	490436.72, 3860435.12	0.21059	2.74E-06	2.70E-06	2.63E-06
777	490486.72, 3860435.12	0.20845	2.71E-06	2.68E-06	2.60E-06
778	490536.72, 3860435.12	0.20657	2.69E-06	2.65E-06	2.58E-06
779	490586.72, 3860435.12	0.20469	2.66E-06	2.63E-06	2.55E-06
780	490636.72, 3860435.12	0.20289	2.64E-06	2.61E-06	2.53E-06

781	490686.72, 3860435.12	0.20134	2.62E-06	2.59E-06	2.51E-06
782	490736.72, 3860435.12	0.2	2.60E-06	2.57E-06	2.49E-06
783	490786.72, 3860435.12	0.19841	2.58E-06	2.55E-06	2.47E-06
784	490136.72, 3860485.12	0.21931	2.85E-06	2.82E-06	2.74E-06
785	490186.72, 3860485.12	0.21633	2.82E-06	2.78E-06	2.70E-06
786	490236.72, 3860485.12	0.21341	2.78E-06	2.74E-06	2.66E-06
787	490286.72, 3860485.12	0.2109	2.74E-06	2.71E-06	2.63E-06
788	490336.72, 3860485.12	0.2083	2.71E-06	2.68E-06	2.60E-06
789	490386.72, 3860485.12	0.20604	2.68E-06	2.65E-06	2.57E-06
790	490436.72, 3860485.12	0.20409	2.66E-06	2.62E-06	2.55E-06
791	490486.72, 3860485.12	0.20186	2.63E-06	2.59E-06	2.52E-06
792	490536.72, 3860485.12	0.19971	2.60E-06	2.57E-06	2.49E-06
793	490586.72, 3860485.12	0.19774	2.57E-06	2.54E-06	2.47E-06
794	490636.72, 3860485.12	0.19608	2.55E-06	2.52E-06	2.45E-06
795	490686.72, 3860485.12	0.19429	2.53E-06	2.50E-06	2.42E-06
796	490736.72, 3860485.12	0.19283	2.51E-06	2.48E-06	2.40E-06
797	490786.72, 3860485.12	0.19139	2.49E-06	2.46E-06	2.39E-06
798	490136.72, 3860535.12	0.21259	2.77E-06	2.73E-06	2.65E-06
799	490186.72, 3860535.12	0.21009	2.73E-06	2.70E-06	2.62E-06
800	490236.72, 3860535.12	0.20681	2.69E-06	2.66E-06	2.58E-06
801	490286.72, 3860535.12	0.20412	2.66E-06	2.62E-06	2.55E-06
802	490336.72, 3860535.12	0.20182	2.63E-06	2.59E-06	2.52E-06
803	490386.72, 3860535.12	0.19983	2.60E-06	2.57E-06	2.49E-06
804	490436.72, 3860535.12	0.1979	2.58E-06	2.54E-06	2.47E-06
805	490486.72, 3860535.12	0.19594	2.55E-06	2.52E-06	2.44E-06
806	490536.72, 3860535.12	0.19463	2.53E-06	2.50E-06	2.43E-06
807	490586.72, 3860535.12	0.19177	2.50E-06	2.46E-06	2.39E-06
808	490636.72, 3860535.12	0.18982	2.47E-06	2.44E-06	2.37E-06
809	490686.72, 3860535.12	0.18813	2.45E-06	2.42E-06	2.35E-06
810	490736.72, 3860535.12	0.18639	2.43E-06	2.39E-06	2.32E-06
811	490786.72, 3860535.12	0.18498	2.41E-06	2.38E-06	2.31E-06
812	490136.72, 3860585.12	0.20682	2.69E-06	2.66E-06	2.58E-06
813	490186.72, 3860585.12	0.20264	2.64E-06	2.60E-06	2.53E-06
814	490236.72, 3860585.12	0.20031	2.61E-06	2.57E-06	2.50E-06
815	490286.72, 3860585.12	0.19805	2.58E-06	2.54E-06	2.47E-06
816	490336.72, 3860585.12	0.19575	2.55E-06	2.51E-06	2.44E-06
817	490386.72, 3860585.12	0.1936	2.52E-06	2.49E-06	2.41E-06
818	490436.72, 3860585.12	0.19237	2.50E-06	2.47E-06	2.40E-06
819	490486.72, 3860585.12	0.19105	2.49E-06	2.45E-06	2.38E-06
820	490536.72, 3860585.12	0.18893	2.46E-06	2.43E-06	2.36E-06
821	490586.72, 3860585.12	0.18584	2.42E-06	2.39E-06	2.32E-06
822	490636.72, 3860585.12	0.18407	2.40E-06	2.36E-06	2.30E-06
823	490686.72, 3860585.12	0.1823	2.37E-06	2.34E-06	2.27E-06
824	490736.72, 3860585.12	0.18065	2.35E-06	2.32E-06	2.25E-06
825	490786.72, 3860585.12	0.17899	2.33E-06	2.30E-06	2.23E-06
826	490136.72, 3860635.12	0.2017	2.62E-06	2.59E-06	2.52E-06
827	490186.72, 3860635.12	0.19815	2.58E-06	2.54E-06	2.47E-06
828	490236.72, 3860635.12	0.19471	2.53E-06	2.50E-06	2.43E-06
829	490286.72, 3860635.12	0.19215	2.50E-06	2.47E-06	2.40E-06
830	490336.72, 3860635.12	0.19004	2.47E-06	2.44E-06	2.37E-06
831	490386.72, 3860635.12	0.18806	2.45E-06	2.42E-06	2.35E-06
832	490436.72, 3860635.12	0.18608	2.42E-06	2.39E-06	2.32E-06
833	490486.72, 3860635.12	0.18434	2.40E-06	2.37E-06	2.30E-06
834	490536.72, 3860635.12	0.1829	2.38E-06	2.35E-06	2.28E-06
835	490586.72, 3860635.12	0.18068	2.35E-06	2.32E-06	2.25E-06
836	490636.72, 3860635.12	0.17896	2.33E-06	2.30E-06	2.23E-06

837	490686.72, 3860635.12	0.17715	2.31E-06	2.28E-06	2.21E-06
838	490736.72, 3860635.12	0.17523	2.28E-06	2.25E-06	2.19E-06
839	490786.72, 3860635.12	0.17365	2.26E-06	2.23E-06	2.17E-06
840	490136.72, 3860685.12	0.19607	2.55E-06	2.52E-06	2.45E-06
841	490186.72, 3860685.12	0.1938	2.52E-06	2.49E-06	2.42E-06
842	490236.72, 3860685.12	0.19035	2.48E-06	2.44E-06	2.37E-06
843	490286.72, 3860685.12	0.18665	2.43E-06	2.40E-06	2.33E-06
844	490336.72, 3860685.12	0.18483	2.41E-06	2.37E-06	2.31E-06
845	490386.72, 3860685.12	0.18287	2.38E-06	2.35E-06	2.28E-06
846	490436.72, 3860685.12	0.18076	2.35E-06	2.32E-06	2.25E-06
847	490486.72, 3860685.12	0.17875	2.33E-06	2.30E-06	2.23E-06
848	490536.72, 3860685.12	0.17713	2.31E-06	2.27E-06	2.21E-06
849	490586.72, 3860685.12	0.17548	2.28E-06	2.25E-06	2.19E-06
850	490636.72, 3860685.12	0.17393	2.26E-06	2.23E-06	2.17E-06
851	490686.72, 3860685.12	0.17243	2.24E-06	2.21E-06	2.15E-06
852	490736.72, 3860685.12	0.17062	2.22E-06	2.19E-06	2.13E-06
853	490786.72, 3860685.12	0.16929	2.20E-06	2.17E-06	2.11E-06
854	490136.72, 3860735.12	0.19003	2.47E-06	2.44E-06	2.37E-06
855	490186.72, 3860735.12	0.18683	2.43E-06	2.40E-06	2.33E-06
856	490236.72, 3860735.12	0.18414	2.40E-06	2.37E-06	2.30E-06
857	490286.72, 3860735.12	0.18181	2.37E-06	2.34E-06	2.27E-06
858	490336.72, 3860735.12	0.17964	2.34E-06	2.31E-06	2.24E-06
859	490386.72, 3860735.12	0.17786	2.31E-06	2.28E-06	2.22E-06
860	490436.72, 3860735.12	0.17664	2.30E-06	2.27E-06	2.20E-06
861	490486.72, 3860735.12	0.17451	2.27E-06	2.24E-06	2.18E-06
862	490536.72, 3860735.12	0.17214	2.24E-06	2.21E-06	2.15E-06
863	490586.72, 3860735.12	0.17039	2.22E-06	2.19E-06	2.13E-06
864	490636.72, 3860735.12	0.16879	2.20E-06	2.17E-06	2.11E-06
865	490686.72, 3860735.12	0.16753	2.18E-06	2.15E-06	2.09E-06
866	490736.72, 3860735.12	0.16623	2.16E-06	2.14E-06	2.07E-06
867	490136.72, 3860785.12	0.1847	2.40E-06	2.37E-06	2.30E-06
868	490186.72, 3860785.12	0.18184	2.37E-06	2.34E-06	2.27E-06
869	490236.72, 3860785.12	0.1792	2.33E-06	2.30E-06	2.24E-06
870	490286.72, 3860785.12	0.17688	2.30E-06	2.27E-06	2.21E-06
871	490336.72, 3860785.12	0.17472	2.27E-06	2.24E-06	2.18E-06
872	490386.72, 3860785.12	0.17316	2.25E-06	2.22E-06	2.16E-06
873	490436.72, 3860785.12	0.17132	2.23E-06	2.20E-06	2.14E-06
874	490486.72, 3860785.12	0.16994	2.21E-06	2.18E-06	2.12E-06
875	490536.72, 3860785.12	0.16799	2.19E-06	2.16E-06	2.10E-06
876	490586.72, 3860785.12	0.16573	2.16E-06	2.13E-06	2.07E-06
877	490636.72, 3860785.12	0.16403	2.13E-06	2.11E-06	2.05E-06
878	490686.72, 3860785.12	0.16263	2.12E-06	2.09E-06	2.03E-06
879	490736.72, 3860785.12	0.16147	2.10E-06	2.07E-06	2.01E-06
880	490086.72, 3860835.12	0.18345	2.39E-06	2.36E-06	2.29E-06
881	490136.72, 3860835.12	0.18048	2.35E-06	2.32E-06	2.25E-06
882	490186.72, 3860835.12	0.17739	2.31E-06	2.28E-06	2.21E-06
883	490236.72, 3860835.12	0.17471	2.27E-06	2.24E-06	2.18E-06
884	490286.72, 3860835.12	0.1725	2.24E-06	2.22E-06	2.15E-06
885	490336.72, 3860835.12	0.17027	2.22E-06	2.19E-06	2.12E-06
886	490386.72, 3860835.12	0.16831	2.19E-06	2.16E-06	2.10E-06
887	490436.72, 3860835.12	0.16676	2.17E-06	2.14E-06	2.08E-06
888	490486.72, 3860835.12	0.1652	2.15E-06	2.12E-06	2.06E-06
889	490536.72, 3860835.12	0.16352	2.13E-06	2.10E-06	2.04E-06
890	490586.72, 3860835.12	0.16164	2.10E-06	2.08E-06	2.02E-06
891	490636.72, 3860835.12	0.15986	2.08E-06	2.05E-06	1.99E-06
892	490686.72, 3860835.12	0.15839	2.06E-06	2.03E-06	1.98E-06

893	490736.72, 3860835.12	0.15721	2.05E-06	2.02E-06	1.96E-06
894	490086.72, 3860885.12	0.17961	2.34E-06	2.31E-06	2.24E-06
895	490136.72, 3860885.12	0.17632	2.29E-06	2.26E-06	2.20E-06
896	490186.72, 3860885.12	0.17332	2.26E-06	2.23E-06	2.16E-06
897	490236.72, 3860885.12	0.17073	2.22E-06	2.19E-06	2.13E-06
898	490286.72, 3860885.12	0.16837	2.19E-06	2.16E-06	2.10E-06
899	490336.72, 3860885.12	0.16616	2.16E-06	2.13E-06	2.07E-06
900	490386.72, 3860885.12	0.16434	2.14E-06	2.11E-06	2.05E-06
901	490436.72, 3860885.12	0.16272	2.12E-06	2.09E-06	2.03E-06
902	490486.72, 3860885.12	0.16106	2.10E-06	2.07E-06	2.01E-06
903	490536.72, 3860885.12	0.15938	2.07E-06	2.05E-06	1.99E-06
904	490586.72, 3860885.12	0.15764	2.05E-06	2.02E-06	1.97E-06
905	490636.72, 3860885.12	0.15586	2.03E-06	2.00E-06	1.94E-06
906	490686.72, 3860885.12	0.15429	2.01E-06	1.98E-06	1.92E-06
907	490736.72, 3860885.12	0.15285	1.99E-06	1.96E-06	1.91E-06
908	490086.72, 3860935.12	0.17568	2.29E-06	2.26E-06	2.19E-06
909	490136.72, 3860935.12	0.17209	2.24E-06	2.21E-06	2.15E-06
910	490186.72, 3860935.12	0.16935	2.20E-06	2.18E-06	2.11E-06
911	490236.72, 3860935.12	0.16686	2.17E-06	2.14E-06	2.08E-06
912	490286.72, 3860935.12	0.16465	2.14E-06	2.11E-06	2.05E-06
913	490336.72, 3860935.12	0.16239	2.11E-06	2.09E-06	2.03E-06
914	490386.72, 3860935.12	0.16065	2.09E-06	2.06E-06	2.00E-06
915	490436.72, 3860935.12	0.15901	2.07E-06	2.04E-06	1.98E-06
916	490486.72, 3860935.12	0.15725	2.05E-06	2.02E-06	1.96E-06
917	490536.72, 3860935.12	0.15561	2.03E-06	2.00E-06	1.94E-06
918	490586.72, 3860935.12	0.15385	2.00E-06	1.98E-06	1.92E-06
919	490636.72, 3860935.12	0.15212	1.98E-06	1.95E-06	1.90E-06
920	490686.72, 3860935.12	0.15055	1.96E-06	1.93E-06	1.88E-06
921	490736.72, 3860935.12	0.14904	1.94E-06	1.91E-06	1.86E-06
922	490786.72, 3860935.12	0.14763	1.92E-06	1.90E-06	1.84E-06
923	490836.72, 3860935.12	0.14653	1.91E-06	1.88E-06	1.83E-06
924	490086.72, 3860985.12	0.17224	2.24E-06	2.21E-06	2.15E-06
925	490136.72, 3860985.12	0.16884	2.20E-06	2.17E-06	2.11E-06
926	490186.72, 3860985.12	0.1661	2.16E-06	2.13E-06	2.07E-06
927	490236.72, 3860985.12	0.16329	2.12E-06	2.10E-06	2.04E-06
928	490286.72, 3860985.12	0.16094	2.09E-06	2.07E-06	2.01E-06
929	490336.72, 3860985.12	0.15885	2.07E-06	2.04E-06	1.98E-06
930	490386.72, 3860985.12	0.15701	2.04E-06	2.02E-06	1.96E-06
931	490436.72, 3860985.12	0.15553	2.02E-06	2.00E-06	1.94E-06
932	490486.72, 3860985.12	0.15374	2.00E-06	1.97E-06	1.92E-06
933	490536.72, 3860985.12	0.15194	1.98E-06	1.95E-06	1.90E-06
934	490586.72, 3860985.12	0.15022	1.95E-06	1.93E-06	1.87E-06
935	490636.72, 3860985.12	0.14869	1.93E-06	1.91E-06	1.85E-06
936	490686.72, 3860985.12	0.14704	1.91E-06	1.89E-06	1.83E-06
937	490736.72, 3860985.12	0.14545	1.89E-06	1.87E-06	1.81E-06
938	490786.72, 3860985.12	0.14407	1.87E-06	1.85E-06	1.80E-06
939	490836.72, 3860985.12	0.1429	1.86E-06	1.84E-06	1.78E-06
940	490086.72, 3861035.12	0.16897	2.20E-06	2.17E-06	2.11E-06
941	490136.72, 3861035.12	0.16563	2.16E-06	2.13E-06	2.07E-06
942	490186.72, 3861035.12	0.16264	2.12E-06	2.09E-06	2.03E-06
943	490236.72, 3861035.12	0.16013	2.08E-06	2.06E-06	2.00E-06
944	490286.72, 3861035.12	0.15761	2.05E-06	2.02E-06	1.97E-06
945	490336.72, 3861035.12	0.15542	2.02E-06	2.00E-06	1.94E-06
946	490386.72, 3861035.12	0.15378	2.00E-06	1.98E-06	1.92E-06
947	490436.72, 3861035.12	0.15224	1.98E-06	1.96E-06	1.90E-06
948	490486.72, 3861035.12	0.15051	1.96E-06	1.93E-06	1.88E-06

949	490536.72, 3861035.12	0.14873	1.94E-06	1.91E-06	1.85E-06
950	490586.72, 3861035.12	0.14699	1.91E-06	1.89E-06	1.83E-06
951	490636.72, 3861035.12	0.14528	1.89E-06	1.87E-06	1.81E-06
952	490686.72, 3861035.12	0.14365	1.87E-06	1.84E-06	1.79E-06
953	490736.72, 3861035.12	0.14211	1.85E-06	1.83E-06	1.77E-06
954	490786.72, 3861035.12	0.14077	1.83E-06	1.81E-06	1.76E-06
955	490836.72, 3861035.12	0.13954	1.82E-06	1.79E-06	1.74E-06
956	490086.72, 3861085.12	0.16599	2.16E-06	2.13E-06	2.07E-06
957	490136.72, 3861085.12	0.16282	2.12E-06	2.09E-06	2.03E-06
958	490186.72, 3861085.12	0.16013	2.08E-06	2.06E-06	2.00E-06
959	490236.72, 3861085.12	0.15726	2.05E-06	2.02E-06	1.96E-06
960	490286.72, 3861085.12	0.15476	2.01E-06	1.99E-06	1.93E-06
961	490336.72, 3861085.12	0.1525	1.98E-06	1.96E-06	1.90E-06
962	490386.72, 3861085.12	0.15077	1.96E-06	1.94E-06	1.88E-06
963	490436.72, 3861085.12	0.14899	1.94E-06	1.91E-06	1.86E-06
964	490486.72, 3861085.12	0.14727	1.92E-06	1.89E-06	1.84E-06
965	490536.72, 3861085.12	0.14576	1.90E-06	1.87E-06	1.82E-06
966	490586.72, 3861085.12	0.14397	1.87E-06	1.85E-06	1.80E-06
967	490636.72, 3861085.12	0.14209	1.85E-06	1.82E-06	1.77E-06
968	490686.72, 3861085.12	0.14045	1.83E-06	1.80E-06	1.75E-06
969	490736.72, 3861085.12	0.13899	1.81E-06	1.79E-06	1.73E-06
970	490786.72, 3861085.12	0.13762	1.79E-06	1.77E-06	1.72E-06
971	490836.72, 3861085.12	0.13633	1.77E-06	1.75E-06	1.70E-06
972	490086.72, 3861135.12	0.16315	2.12E-06	2.10E-06	2.03E-06
973	490136.72, 3861135.12	0.15987	2.08E-06	2.05E-06	1.99E-06
974	490186.72, 3861135.12	0.15708	2.04E-06	2.02E-06	1.96E-06
975	490236.72, 3861135.12	0.15451	2.01E-06	1.98E-06	1.93E-06
976	490286.72, 3861135.12	0.1521	1.98E-06	1.95E-06	1.90E-06
977	490336.72, 3861135.12	0.14983	1.95E-06	1.92E-06	1.87E-06
978	490386.72, 3861135.12	0.14791	1.92E-06	1.90E-06	1.84E-06
979	490436.72, 3861135.12	0.14605	1.90E-06	1.88E-06	1.82E-06
980	490486.72, 3861135.12	0.14435	1.88E-06	1.85E-06	1.80E-06
981	490536.72, 3861135.12	0.14271	1.86E-06	1.83E-06	1.78E-06
982	490586.72, 3861135.12	0.141	1.83E-06	1.81E-06	1.76E-06
983	490636.72, 3861135.12	0.13917	1.81E-06	1.79E-06	1.74E-06
984	490686.72, 3861135.12	0.13761	1.79E-06	1.77E-06	1.72E-06
985	490736.72, 3861135.12	0.13617	1.77E-06	1.75E-06	1.70E-06
986	490786.72, 3861135.12	0.13478	1.75E-06	1.73E-06	1.68E-06
987	490836.72, 3861135.12	0.1334	1.74E-06	1.71E-06	1.66E-06
988	490086.72, 3861185.12	0.1605	2.09E-06	2.06E-06	2.00E-06
989	490136.72, 3861185.12	0.15686	2.04E-06	2.01E-06	1.96E-06
990	490186.72, 3861185.12	0.15394	2.00E-06	1.98E-06	1.92E-06
991	490236.72, 3861185.12	0.15142	1.97E-06	1.94E-06	1.89E-06
992	490286.72, 3861185.12	0.14933	1.94E-06	1.92E-06	1.86E-06
993	490336.72, 3861185.12	0.14676	1.91E-06	1.88E-06	1.83E-06
994	490386.72, 3861185.12	0.14487	1.89E-06	1.86E-06	1.81E-06
995	490436.72, 3861185.12	0.14324	1.86E-06	1.84E-06	1.79E-06
996	490486.72, 3861185.12	0.14148	1.84E-06	1.82E-06	1.76E-06
997	490536.72, 3861185.12	0.14017	1.82E-06	1.80E-06	1.75E-06
998	490586.72, 3861185.12	0.13837	1.80E-06	1.78E-06	1.73E-06
999	490636.72, 3861185.12	0.13638	1.77E-06	1.75E-06	1.70E-06
1000	490686.72, 3861185.12	0.13479	1.75E-06	1.73E-06	1.68E-06
1001	490736.72, 3861185.12	0.13349	1.74E-06	1.71E-06	1.66E-06
1002	490786.72, 3861185.12	0.13215	1.72E-06	1.70E-06	1.65E-06
1003	490836.72, 3861185.12	0.13079	1.70E-06	1.68E-06	1.63E-06
1004	490086.72, 3861235.12	0.15792	2.06E-06	2.03E-06	1.97E-06

1005	490136.72, 3861235.12	0.15433	2.01E-06	1.98E-06	1.92E-06
1006	490186.72, 3861235.12	0.15141	1.97E-06	1.94E-06	1.89E-06
1007	490236.72, 3861235.12	0.14856	1.93E-06	1.91E-06	1.85E-06
1008	490386.72, 3861235.12	0.14198	1.85E-06	1.82E-06	1.77E-06
1009	490436.72, 3861235.12	0.14008	1.82E-06	1.80E-06	1.75E-06
1010	490486.72, 3861235.12	0.13837	1.80E-06	1.78E-06	1.73E-06
1011	490536.72, 3861235.12	0.13733	1.79E-06	1.76E-06	1.71E-06
1012	490586.72, 3861235.12	0.13601	1.77E-06	1.75E-06	1.70E-06
1013	490636.72, 3861235.12	0.13373	1.74E-06	1.72E-06	1.67E-06
1014	490686.72, 3861235.12	0.13218	1.72E-06	1.70E-06	1.65E-06
1015	490736.72, 3861235.12	0.1309	1.70E-06	1.68E-06	1.63E-06
1016	490786.72, 3861235.12	0.12967	1.69E-06	1.67E-06	1.62E-06
1017	490836.72, 3861235.12	0.1283	1.67E-06	1.65E-06	1.60E-06
1018	490086.72, 3861285.12	0.15586	2.03E-06	2.00E-06	1.94E-06
1019	490136.72, 3861285.12	0.1526	1.99E-06	1.96E-06	1.90E-06
1020	490186.72, 3861285.12	0.14916	1.94E-06	1.92E-06	1.86E-06
1021	490236.72, 3861285.12	0.14629	1.90E-06	1.88E-06	1.82E-06
1022	490386.72, 3861285.12	0.13952	1.82E-06	1.79E-06	1.74E-06
1023	490436.72, 3861285.12	0.1378	1.79E-06	1.77E-06	1.72E-06
1024	490486.72, 3861285.12	0.13594	1.77E-06	1.75E-06	1.70E-06
1025	490536.72, 3861285.12	0.13435	1.75E-06	1.73E-06	1.68E-06
1026	490586.72, 3861285.12	0.13293	1.73E-06	1.71E-06	1.66E-06
1027	490636.72, 3861285.12	0.13104	1.71E-06	1.68E-06	1.63E-06
1028	490686.72, 3861285.12	0.12956	1.69E-06	1.66E-06	1.62E-06
1029	490736.72, 3861285.12	0.12853	1.67E-06	1.65E-06	1.60E-06
1030	490786.72, 3861285.12	0.12712	1.65E-06	1.63E-06	1.59E-06
1031	490836.72, 3861285.12	0.12562	1.63E-06	1.61E-06	1.57E-06
1032	490061.24, 3859716.13	0.51955	6.76E-06	6.67E-06	6.48E-06
1033	490111.24, 3859716.13	0.51035	6.64E-06	6.55E-06	6.37E-06
1034	490161.24, 3859716.13	0.50085	6.52E-06	6.43E-06	6.25E-06
1035	490211.24, 3859716.13	0.49114	6.39E-06	6.31E-06	6.13E-06
1036	490061.24, 3859766.13	0.47612	6.20E-06	6.12E-06	5.94E-06
1037	490111.24, 3859766.13	0.46875	6.10E-06	6.02E-06	5.85E-06
1038	490161.24, 3859766.13	0.46099	6.00E-06	5.92E-06	5.75E-06
1039	490211.24, 3859766.13	0.45356	5.90E-06	5.83E-06	5.66E-06
1040	490061.24, 3859816.13	0.43794	5.70E-06	5.62E-06	5.46E-06
1041	490111.24, 3859816.13	0.43194	5.62E-06	5.55E-06	5.39E-06
1042	490161.24, 3859816.13	0.42609	5.54E-06	5.47E-06	5.31E-06
1043	490211.24, 3859816.13	0.42	5.47E-06	5.39E-06	5.24E-06
1044	490061.24, 3859866.13	0.40495	5.27E-06	5.20E-06	5.05E-06
1045	490111.24, 3859866.13	0.40026	5.21E-06	5.14E-06	4.99E-06
1046	490161.24, 3859866.13	0.39569	5.15E-06	5.08E-06	4.94E-06
1047	490211.24, 3859866.13	0.39095	5.09E-06	5.02E-06	4.88E-06
1048	490061.24, 3859916.13	0.37638	4.90E-06	4.83E-06	4.69E-06
1049	490111.24, 3859916.13	0.37266	4.85E-06	4.79E-06	4.65E-06
1050	490161.24, 3859916.13	0.36876	4.80E-06	4.74E-06	4.60E-06
1051	490211.24, 3859916.13	0.36464	4.75E-06	4.68E-06	4.55E-06
1052	490229.25, 3859815.26	0.41872	5.45E-06	5.38E-06	5.22E-06
1053	490279.25, 3859815.26	0.41227	5.37E-06	5.30E-06	5.14E-06
1054	490329.25, 3859815.26	0.40589	5.28E-06	5.21E-06	5.06E-06
1055	490379.25, 3859815.26	0.40101	5.22E-06	5.15E-06	5.00E-06
1056	490429.25, 3859815.26	0.39753	5.17E-06	5.11E-06	4.96E-06
1057	490229.25, 3859865.26	0.38967	5.07E-06	5.00E-06	4.86E-06
1058	490279.25, 3859865.26	0.38436	5.00E-06	4.94E-06	4.79E-06
1059	490329.25, 3859865.26	0.37892	4.93E-06	4.87E-06	4.73E-06
1060	490379.25, 3859865.26	0.37404	4.87E-06	4.80E-06	4.67E-06

1061	490429.25, 3859865.26	0.36974	4.81E-06	4.75E-06	4.61E-06
1062	490229.25, 3859915.26	0.36372	4.73E-06	4.67E-06	4.54E-06
1063	490279.25, 3859915.26	0.3591	4.67E-06	4.61E-06	4.48E-06
1064	490329.25, 3859915.26	0.35467	4.62E-06	4.56E-06	4.42E-06
1065	490379.25, 3859915.26	0.35038	4.56E-06	4.50E-06	4.37E-06
1066	490429.25, 3859915.26	0.34604	4.50E-06	4.44E-06	4.32E-06
1067	490451.43, 3859872.59	0.3641	4.74E-06	4.68E-06	4.54E-06
1068	490501.43, 3859872.59	0.36127	4.70E-06	4.64E-06	4.51E-06
1069	490551.43, 3859872.59	0.36007	4.69E-06	4.62E-06	4.49E-06
1070	490601.43, 3859872.59	0.35931	4.68E-06	4.61E-06	4.48E-06
1071	490451.43, 3859922.59	0.34111	4.44E-06	4.38E-06	4.25E-06
1072	490501.43, 3859922.59	0.33783	4.40E-06	4.34E-06	4.21E-06
1073	490551.43, 3859922.59	0.33605	4.37E-06	4.32E-06	4.19E-06
1074	490601.43, 3859922.59	0.33506	4.36E-06	4.30E-06	4.18E-06
1075	482129.67, 3852241.07	0.01294	1.68E-07	1.66E-07	1.61E-07
1076	482029.67, 3852291.07	0.01271	1.65E-07	1.63E-07	1.59E-07
1077	482079.67, 3852291.07	0.01284	1.67E-07	1.65E-07	1.60E-07
1078	482129.67, 3852291.07	0.01296	1.69E-07	1.66E-07	1.62E-07
1079	482179.67, 3852291.07	0.01306	1.70E-07	1.68E-07	1.63E-07
1080	482229.67, 3852291.07	0.01313	1.71E-07	1.69E-07	1.64E-07
1081	482029.67, 3852341.07	0.01275	1.66E-07	1.64E-07	1.59E-07
1082	482079.67, 3852341.07	0.01287	1.67E-07	1.65E-07	1.61E-07
1083	482129.67, 3852341.07	0.013	1.69E-07	1.67E-07	1.62E-07
1084	482179.67, 3852341.07	0.01311	1.71E-07	1.68E-07	1.64E-07
1085	482259.06, 3852400.14	0.01345	1.75E-07	1.73E-07	1.68E-07
1086	482309.06, 3852400.14	0.01348	1.75E-07	1.73E-07	1.68E-07
1087	482209.06, 3852450.14	0.01335	1.74E-07	1.71E-07	1.67E-07
1088	482259.06, 3852450.14	0.01346	1.75E-07	1.73E-07	1.68E-07
1089	482309.06, 3852450.14	0.01353	1.76E-07	1.74E-07	1.69E-07
1090	482209.06, 3852500.14	0.01336	1.74E-07	1.72E-07	1.67E-07
1091	482259.06, 3852500.14	0.01348	1.75E-07	1.73E-07	1.68E-07
1092	482309.06, 3852500.14	0.01358	1.77E-07	1.74E-07	1.69E-07
1093	482283.91, 3852513.62	0.01354	1.76E-07	1.74E-07	1.69E-07
1094	482333.91, 3852513.62	0.01365	1.78E-07	1.75E-07	1.70E-07
1095	482283.91, 3852563.62	0.01359	1.77E-07	1.75E-07	1.69E-07
1096	482333.91, 3852563.62	0.01373	1.79E-07	1.76E-07	1.71E-07
1097	482383.91, 3852563.62	0.01386	1.80E-07	1.78E-07	1.73E-07
1098	482283.91, 3852613.62	0.01359	1.77E-07	1.75E-07	1.69E-07
1099	482333.91, 3852613.62	0.01375	1.79E-07	1.77E-07	1.71E-07
1100	482383.91, 3852613.62	0.01391	1.81E-07	1.79E-07	1.73E-07
1101	482602.38, 3852600.87	0.01436	1.87E-07	1.84E-07	1.79E-07
1102	482652.38, 3852600.87	0.01449	1.89E-07	1.86E-07	1.81E-07
1103	482702.38, 3852600.87	0.01449	1.89E-07	1.86E-07	1.81E-07
1104	482552.38, 3852650.87	0.01431	1.86E-07	1.84E-07	1.78E-07
1105	482602.38, 3852650.87	0.01443	1.88E-07	1.85E-07	1.80E-07
1106	482652.38, 3852650.87	0.01458	1.90E-07	1.87E-07	1.82E-07
1107	482702.38, 3852650.87	0.01472	1.92E-07	1.89E-07	1.84E-07
1108	482552.38, 3852700.87	0.01434	1.87E-07	1.84E-07	1.79E-07
1109	482602.38, 3852700.87	0.01451	1.89E-07	1.86E-07	1.81E-07
1110	482652.38, 3852700.87	0.01472	1.92E-07	1.89E-07	1.84E-07
1111	482702.38, 3852700.87	0.01485	1.93E-07	1.91E-07	1.85E-07
1112	482452.38, 3852750.87	0.01412	1.84E-07	1.81E-07	1.76E-07
1113	482521.29, 3852749.74	0.01431	1.86E-07	1.84E-07	1.78E-07
1114	482571.29, 3852749.74	0.01446	1.88E-07	1.86E-07	1.80E-07
1115	482521.29, 3852799.74	0.01436	1.87E-07	1.84E-07	1.79E-07
1116	482571.29, 3852799.74	0.01451	1.89E-07	1.86E-07	1.81E-07

1117	482621.29, 3852799.74	0.01466	1.91E-07	1.88E-07	1.83E-07
1118	482571.29, 3852849.74	0.01453	1.89E-07	1.87E-07	1.81E-07
1119	482621.29, 3852849.74	0.01466	1.91E-07	1.88E-07	1.83E-07
1120	482577.42, 3852901.55	0.01454	1.89E-07	1.87E-07	1.81E-07
1121	482627.42, 3852901.55	0.01467	1.91E-07	1.88E-07	1.83E-07
1122	482629.96, 3852955.85	0.0147	1.91E-07	1.89E-07	1.83E-07
1123	482679.96, 3852955.85	0.01484	1.93E-07	1.91E-07	1.85E-07
1124	482781.63, 3853034.48	0.01514	1.97E-07	1.94E-07	1.89E-07
1125	482831.63, 3853034.48	0.01528	1.99E-07	1.96E-07	1.91E-07
1126	482881.63, 3853034.48	0.01544	2.01E-07	1.98E-07	1.93E-07
1127	482781.63, 3853084.48	0.01517	1.97E-07	1.95E-07	1.89E-07
1128	482831.63, 3853084.48	0.0153	1.99E-07	1.97E-07	1.91E-07
1129	482881.63, 3853084.48	0.01546	2.01E-07	1.99E-07	1.93E-07
1130	482781.63, 3853134.48	0.01522	1.98E-07	1.95E-07	1.90E-07
1131	482831.63, 3853134.48	0.01535	2.00E-07	1.97E-07	1.91E-07
1132	482881.63, 3853134.48	0.01552	2.02E-07	1.99E-07	1.94E-07
1133	482831.63, 3853184.48	0.01541	2.01E-07	1.98E-07	1.92E-07
1134	482881.63, 3853184.48	0.01557	2.03E-07	2.00E-07	1.94E-07
1135	484154.84, 3854250.98	0.0183	2.38E-07	2.35E-07	2.28E-07
1136	484204.84, 3854250.98	0.01844	2.40E-07	2.37E-07	2.30E-07
1137	484154.84, 3854300.98	0.01792	2.33E-07	2.30E-07	2.24E-07
1138	484204.84, 3854300.98	0.01814	2.36E-07	2.33E-07	2.26E-07
1139	484074.19, 3854519.8	0.01771	2.30E-07	2.27E-07	2.21E-07
1140	484124.19, 3854519.8	0.01756	2.29E-07	2.26E-07	2.19E-07
1141	484074.19, 3854569.8	0.01785	2.32E-07	2.29E-07	2.23E-07
1142	484124.19, 3854569.8	0.01757	2.29E-07	2.26E-07	2.19E-07
1143	485205.11, 3855188.89	0.0273	3.55E-07	3.51E-07	3.40E-07
1144	485255.11, 3855188.89	0.0273	3.55E-07	3.51E-07	3.40E-07
1145	485205.11, 3855238.89	0.02724	3.54E-07	3.50E-07	3.40E-07
1146	485255.11, 3855238.89	0.02761	3.59E-07	3.55E-07	3.44E-07
1147	485205.11, 3855288.89	0.02826	3.68E-07	3.63E-07	3.52E-07
1148	485255.11, 3855288.89	0.02845	3.70E-07	3.65E-07	3.55E-07
1149	485255.11, 3855338.89	0.02928	3.81E-07	3.76E-07	3.65E-07
1150	485305.11, 3855338.89	0.02943	3.83E-07	3.78E-07	3.67E-07
1151	485852.5, 3855635.28	0.03736	4.86E-07	4.80E-07	4.66E-07
1152	485902.5, 3855635.28	0.03722	4.84E-07	4.78E-07	4.64E-07
1153	485852.5, 3855685.28	0.03796	4.94E-07	4.88E-07	4.73E-07
1154	485902.5, 3855685.28	0.03799	4.94E-07	4.88E-07	4.74E-07
1155	485852.5, 3855735.28	0.03843	5.00E-07	4.94E-07	4.79E-07
1156	485902.5, 3855735.28	0.03882	5.05E-07	4.99E-07	4.84E-07
1157	485852.5, 3855785.28	0.03906	5.08E-07	5.02E-07	4.87E-07
1158	485902.5, 3855785.28	0.0392	5.10E-07	5.03E-07	4.89E-07
1159	486809.46, 3856465.28	0.05955	7.75E-07	7.65E-07	7.43E-07
1160	486859.46, 3856465.28	0.06	7.81E-07	7.71E-07	7.48E-07
1161	486909.46, 3856465.28	0.06008	7.82E-07	7.72E-07	7.49E-07
1162	486809.46, 3856515.28	0.06141	7.99E-07	7.89E-07	7.66E-07
1163	486859.46, 3856515.28	0.06231	8.11E-07	8.00E-07	7.77E-07
1164	486909.46, 3856515.28	0.06273	8.16E-07	8.06E-07	7.82E-07
1165	486980.94, 3856357.95	0.05494	7.15E-07	7.06E-07	6.85E-07
1166	487030.94, 3856357.95	0.05503	7.16E-07	7.07E-07	6.86E-07
1167	486980.94, 3856407.95	0.05738	7.47E-07	7.37E-07	7.16E-07
1168	487030.94, 3856407.95	0.05731	7.46E-07	7.36E-07	7.15E-07
1169	487447.18, 3856437.45	0.06224	8.10E-07	7.99E-07	7.76E-07
1170	487497.18, 3856437.45	0.06288	8.18E-07	8.08E-07	7.84E-07
1171	487547.18, 3856437.45	0.0636	8.28E-07	8.17E-07	7.93E-07
1172	487447.18, 3856487.45	0.06451	8.39E-07	8.29E-07	8.05E-07

1173	487497.18, 3856487.45	0.06515	8.48E-07	8.37E-07	8.13E-07
1174	487547.18, 3856487.45	0.0659	8.58E-07	8.46E-07	8.22E-07
1175	487447.18, 3856537.45	0.06689	8.70E-07	8.59E-07	8.34E-07
1176	487497.18, 3856537.45	0.06751	8.79E-07	8.67E-07	8.42E-07
1177	487547.18, 3856537.45	0.06837	8.90E-07	8.78E-07	8.53E-07
1178	489285.89, 3858826.54	8.58423	1.12E-04	1.10E-04	1.07E-04
1179	489335.89, 3858826.54	6.46786	8.42E-05	8.31E-05	8.07E-05
1180	489385.89, 3858826.54	5.22112	6.79E-05	6.71E-05	6.51E-05
1181	489435.89, 3858826.54	4.39402	5.72E-05	5.64E-05	5.48E-05
1182	489485.89, 3858826.54	3.80488	4.95E-05	4.89E-05	4.75E-05
1183	489535.89, 3858826.54	3.36512	4.38E-05	4.32E-05	4.20E-05
1184	489585.89, 3858826.54	3.02573	3.94E-05	3.89E-05	3.77E-05
1185	489635.89, 3858826.54	2.7557	3.59E-05	3.54E-05	3.44E-05
1186	489685.89, 3858826.54	2.53631	3.30E-05	3.26E-05	3.16E-05
1187	489735.89, 3858826.54	2.35467	3.06E-05	3.02E-05	2.94E-05
1188	489785.89, 3858826.54	2.20258	2.87E-05	2.83E-05	2.75E-05
1189	489835.89, 3858826.54	2.07207	2.70E-05	2.66E-05	2.58E-05
1190	489885.89, 3858826.54	1.96077	2.55E-05	2.52E-05	2.45E-05
1191	489935.89, 3858826.54	1.86417	2.43E-05	2.39E-05	2.33E-05
1192	489985.89, 3858826.54	1.78013	2.32E-05	2.29E-05	2.22E-05
1193	490035.89, 3858826.54	1.70773	2.22E-05	2.19E-05	2.13E-05
1194	489285.89, 3858876.54	9.31434	1.21E-04	1.20E-04	1.16E-04
1195	489335.89, 3858876.54	6.69699	8.72E-05	8.60E-05	8.35E-05
1196	489385.89, 3858876.54	5.23194	6.81E-05	6.72E-05	6.53E-05
1197	489435.89, 3858876.54	4.31618	5.62E-05	5.54E-05	5.38E-05
1198	489485.89, 3858876.54	3.69472	4.81E-05	4.75E-05	4.61E-05
1199	489535.89, 3858876.54	3.24608	4.22E-05	4.17E-05	4.05E-05
1200	489585.89, 3858876.54	2.90625	3.78E-05	3.73E-05	3.62E-05
1201	489635.89, 3858876.54	2.64183	3.44E-05	3.39E-05	3.29E-05
1202	489685.89, 3858876.54	2.42798	3.16E-05	3.12E-05	3.03E-05
1203	489735.89, 3858876.54	2.25081	2.93E-05	2.89E-05	2.81E-05
1204	489785.89, 3858876.54	2.10361	2.74E-05	2.70E-05	2.62E-05
1205	489835.89, 3858876.54	1.97766	2.57E-05	2.54E-05	2.47E-05
1206	489885.89, 3858876.54	1.87061	2.43E-05	2.40E-05	2.33E-05
1207	489935.89, 3858876.54	1.77684	2.31E-05	2.28E-05	2.22E-05
1208	489985.89, 3858876.54	1.69582	2.21E-05	2.18E-05	2.12E-05
1209	490035.89, 3858876.54	1.62644	2.12E-05	2.09E-05	2.03E-05
1210	489285.89, 3858926.54	8.4762	1.10E-04	1.09E-04	1.06E-04
1211	489335.89, 3858926.54	6.05947	7.89E-05	7.78E-05	7.56E-05
1212	489385.89, 3858926.54	4.76663	6.20E-05	6.12E-05	5.94E-05
1213	489435.89, 3858926.54	3.96837	5.16E-05	5.10E-05	4.95E-05
1214	489485.89, 3858926.54	3.42381	4.46E-05	4.40E-05	4.27E-05
1215	489535.89, 3858926.54	3.02747	3.94E-05	3.89E-05	3.78E-05
1216	489585.89, 3858926.54	2.72474	3.55E-05	3.50E-05	3.40E-05
1217	489635.89, 3858926.54	2.48587	3.23E-05	3.19E-05	3.10E-05
1218	489685.89, 3858926.54	2.29057	2.98E-05	2.94E-05	2.86E-05
1219	489735.89, 3858926.54	2.12986	2.77E-05	2.74E-05	2.66E-05
1220	489785.89, 3858926.54	1.99448	2.60E-05	2.56E-05	2.49E-05
1221	489835.89, 3858926.54	1.87776	2.44E-05	2.41E-05	2.34E-05
1222	489885.89, 3858926.54	1.7782	2.31E-05	2.28E-05	2.22E-05
1223	489935.89, 3858926.54	1.69114	2.20E-05	2.17E-05	2.11E-05
1224	489985.89, 3858926.54	1.61435	2.10E-05	2.07E-05	2.01E-05
1225	490035.89, 3858926.54	1.54854	2.02E-05	1.99E-05	1.93E-05
1226	489335.89, 3858976.54	5.0241	6.54E-05	6.45E-05	6.27E-05
1227	489385.89, 3858976.54	4.11897	5.36E-05	5.29E-05	5.14E-05
1228	489435.89, 3858976.54	3.52423	4.59E-05	4.53E-05	4.40E-05

1229	489485.89, 3858976.54	3.09634	4.03E-05	3.98E-05	3.86E-05
1230	489535.89, 3858976.54	2.7726	3.61E-05	3.56E-05	3.46E-05
1231	489585.89, 3858976.54	2.52015	3.28E-05	3.24E-05	3.14E-05
1232	489635.89, 3858976.54	2.31506	3.01E-05	2.97E-05	2.89E-05
1233	489685.89, 3858976.54	2.14503	2.79E-05	2.76E-05	2.68E-05
1234	489735.89, 3858976.54	2.003	2.61E-05	2.57E-05	2.50E-05
1235	489785.89, 3858976.54	1.88265	2.45E-05	2.42E-05	2.35E-05
1236	489835.89, 3858976.54	1.77861	2.31E-05	2.28E-05	2.22E-05
1237	489885.89, 3858976.54	1.68669	2.19E-05	2.17E-05	2.10E-05
1238	489935.89, 3858976.54	1.60658	2.09E-05	2.06E-05	2.00E-05
1239	489985.89, 3858976.54	1.53588	2.00E-05	1.97E-05	1.92E-05
1240	490035.89, 3858976.54	1.47152	1.91E-05	1.89E-05	1.84E-05
1241	489385.89, 3859026.54	3.73392	4.86E-05	4.80E-05	4.66E-05
1242	489435.89, 3859026.54	3.20501	4.17E-05	4.12E-05	4.00E-05
1243	489485.89, 3859026.54	2.82976	3.68E-05	3.63E-05	3.53E-05
1244	489535.89, 3859026.54	2.55131	3.32E-05	3.28E-05	3.18E-05
1245	489585.89, 3859026.54	2.33173	3.03E-05	2.99E-05	2.91E-05
1246	489635.89, 3859026.54	2.15438	2.80E-05	2.77E-05	2.69E-05
1247	489685.89, 3859026.54	2.00652	2.61E-05	2.58E-05	2.50E-05
1248	489735.89, 3859026.54	1.88197	2.45E-05	2.42E-05	2.35E-05
1249	489785.89, 3859026.54	1.77495	2.31E-05	2.28E-05	2.21E-05
1250	489835.89, 3859026.54	1.6809	2.19E-05	2.16E-05	2.10E-05
1251	489885.89, 3859026.54	1.59849	2.08E-05	2.05E-05	1.99E-05
1252	489935.89, 3859026.54	1.52498	1.98E-05	1.96E-05	1.90E-05
1253	489985.89, 3859026.54	1.45948	1.90E-05	1.87E-05	1.82E-05
1254	490035.89, 3859026.54	1.39566	1.82E-05	1.79E-05	1.74E-05
1255	489485.89, 3859076.54	2.68084	3.49E-05	3.44E-05	3.34E-05
1256	489535.89, 3859076.54	2.39697	3.12E-05	3.08E-05	2.99E-05
1257	489585.89, 3859076.54	2.18795	2.85E-05	2.81E-05	2.73E-05
1258	489635.89, 3859076.54	2.02393	2.63E-05	2.60E-05	2.52E-05
1259	489685.89, 3859076.54	1.88888	2.46E-05	2.43E-05	2.36E-05
1260	489735.89, 3859076.54	1.77508	2.31E-05	2.28E-05	2.21E-05
1261	489785.89, 3859076.54	1.67728	2.18E-05	2.15E-05	2.09E-05
1262	489835.89, 3859076.54	1.59149	2.07E-05	2.04E-05	1.98E-05
1263	489885.89, 3859076.54	1.51561	1.97E-05	1.95E-05	1.89E-05
1264	489935.89, 3859076.54	1.44789	1.88E-05	1.86E-05	1.81E-05
1265	489985.89, 3859076.54	1.38665	1.80E-05	1.78E-05	1.73E-05
1266	490035.89, 3859076.54	1.32868	1.73E-05	1.71E-05	1.66E-05
1267	489585.89, 3859126.54	2.10142	2.73E-05	2.70E-05	2.62E-05
1268	489635.89, 3859126.54	1.92979	2.51E-05	2.48E-05	2.41E-05
1269	489685.89, 3859126.54	1.79639	2.34E-05	2.31E-05	2.24E-05
1270	489735.89, 3859126.54	1.68675	2.20E-05	2.17E-05	2.10E-05
1271	489785.89, 3859126.54	1.59348	2.07E-05	2.05E-05	1.99E-05
1272	489835.89, 3859126.54	1.51201	1.97E-05	1.94E-05	1.89E-05
1273	489885.89, 3859126.54	1.43964	1.87E-05	1.85E-05	1.80E-05
1274	489935.89, 3859126.54	1.37583	1.79E-05	1.77E-05	1.72E-05
1275	489985.89, 3859126.54	1.31717	1.71E-05	1.69E-05	1.64E-05
1276	490035.89, 3859126.54	1.2647	1.65E-05	1.62E-05	1.58E-05
1277	489585.89, 3859176.54	1.99125	2.59E-05	2.56E-05	2.48E-05
1278	489635.89, 3859176.54	1.89126	2.46E-05	2.43E-05	2.36E-05
1279	489685.89, 3859176.54	1.7343	2.26E-05	2.23E-05	2.16E-05
1280	489735.89, 3859176.54	1.618	2.11E-05	2.08E-05	2.02E-05
1281	489785.89, 3859176.54	1.52324	1.98E-05	1.96E-05	1.90E-05
1282	489835.89, 3859176.54	1.44278	1.88E-05	1.85E-05	1.80E-05
1283	489885.89, 3859176.54	1.37208	1.79E-05	1.76E-05	1.71E-05
1284	489935.89, 3859176.54	1.31021	1.71E-05	1.68E-05	1.63E-05

1285	489985.89, 3859176.54	1.25421	1.63E-05	1.61E-05	1.56E-05
1286	490035.89, 3859176.54	1.20519	1.57E-05	1.55E-05	1.50E-05
1287	489685.89, 3859226.54	1.71041	2.23E-05	2.20E-05	2.13E-05
1288	489735.89, 3859226.54	1.57895	2.05E-05	2.03E-05	1.97E-05
1289	489785.89, 3859226.54	1.46916	1.91E-05	1.89E-05	1.83E-05
1290	489835.89, 3859226.54	1.38295	1.80E-05	1.78E-05	1.72E-05
1291	489885.89, 3859226.54	1.31125	1.71E-05	1.68E-05	1.64E-05
1292	489935.89, 3859226.54	1.24931	1.63E-05	1.60E-05	1.56E-05
1293	489985.89, 3859226.54	1.19429	1.55E-05	1.53E-05	1.49E-05
1294	490035.89, 3859226.54	1.14725	1.49E-05	1.47E-05	1.43E-05
1295	489735.89, 3859276.54	1.49518	1.95E-05	1.92E-05	1.86E-05
1296	489785.89, 3859276.54	1.45261	1.89E-05	1.87E-05	1.81E-05
1297	489835.89, 3859276.54	1.33957	1.74E-05	1.72E-05	1.67E-05
1298	489885.89, 3859276.54	1.25868	1.64E-05	1.62E-05	1.57E-05
1299	489935.89, 3859276.54	1.19318	1.55E-05	1.53E-05	1.49E-05
1300	489985.89, 3859276.54	1.13702	1.48E-05	1.46E-05	1.42E-05
1301	490035.89, 3859276.54	1.09136	1.42E-05	1.40E-05	1.36E-05
1302	490458.06, 3859590.74	0.60451	7.87E-06	7.76E-06	7.54E-06
1303	490508.06, 3859590.74	0.57905	7.54E-06	7.44E-06	7.22E-06
1304	490558.06, 3859590.74	0.56064	7.30E-06	7.20E-06	6.99E-06
1305	490608.06, 3859590.74	0.54539	7.10E-06	7.00E-06	6.80E-06
1306	490658.06, 3859590.74	0.53187	6.92E-06	6.83E-06	6.63E-06
1307	490708.06, 3859590.74	0.51946	6.76E-06	6.67E-06	6.48E-06
1308	490758.06, 3859590.74	0.50706	6.60E-06	6.51E-06	6.32E-06
1309	490808.06, 3859590.74	0.49598	6.45E-06	6.37E-06	6.19E-06
1310	490858.06, 3859590.74	0.4848	6.31E-06	6.23E-06	6.05E-06
1311	490458.06, 3859640.74	0.62327	8.11E-06	8.01E-06	7.77E-06
1312	490508.06, 3859640.74	0.59163	7.70E-06	7.60E-06	7.38E-06
1313	490558.06, 3859640.74	0.55286	7.19E-06	7.10E-06	6.90E-06
1314	490608.06, 3859640.74	0.52909	6.89E-06	6.80E-06	6.60E-06
1315	490658.06, 3859640.74	0.51201	6.66E-06	6.58E-06	6.39E-06
1316	490708.06, 3859640.74	0.49814	6.48E-06	6.40E-06	6.21E-06
1317	490758.06, 3859640.74	0.48574	6.32E-06	6.24E-06	6.06E-06
1318	490808.06, 3859640.74	0.47545	6.19E-06	6.11E-06	5.93E-06
1319	490858.06, 3859640.74	0.46587	6.06E-06	5.98E-06	5.81E-06
1320	490608.06, 3859690.74	0.54953	7.15E-06	7.06E-06	6.85E-06
1321	490658.06, 3859690.74	0.5103	6.64E-06	6.55E-06	6.36E-06
1322	490708.06, 3859690.74	0.48739	6.34E-06	6.26E-06	6.08E-06
1323	490758.06, 3859690.74	0.47096	6.13E-06	6.05E-06	5.87E-06
1324	490808.06, 3859690.74	0.45822	5.96E-06	5.89E-06	5.71E-06
1325	490858.06, 3859690.74	0.4492	5.85E-06	5.77E-06	5.60E-06
1326	490708.06, 3859740.74	0.51624	6.72E-06	6.63E-06	6.44E-06
1327	490758.06, 3859740.74	0.47675	6.20E-06	6.12E-06	5.95E-06
1328	490808.06, 3859740.74	0.45412	5.91E-06	5.83E-06	5.66E-06
1329	490858.06, 3859740.74	0.43939	5.72E-06	5.64E-06	5.48E-06
1330	490786.56, 3859749.39	0.4655	6.06E-06	5.98E-06	5.81E-06
1331	490836.56, 3859749.39	0.44521	5.79E-06	5.72E-06	5.55E-06
1332	490786.56, 3859799.39	0.48361	6.29E-06	6.21E-06	6.03E-06
1333	490836.56, 3859799.39	0.47359	6.16E-06	6.08E-06	5.91E-06
1334	492307.84, 3854508.36	0.0175	2.28E-07	2.25E-07	2.18E-07
1335	486445.7, 3854753.6	0.01785	2.32E-07	2.29E-07	2.23E-07
1336	472599.75, 3877830.11	0.00315	4.10E-08	4.05E-08	3.93E-08
1337	493107.48, 3866840.19	0.01206	1.57E-07	1.55E-07	1.50E-07
1338	495815.8, 3861662.87	0.06855	8.92E-07	8.80E-07	8.55E-07
1339	480272.33, 3841389.2	0.0009	1.17E-08	1.16E-08	1.12E-08
1340	497005.18, 3862813.64	0.04357	5.67E-07	5.60E-07	5.43E-07

1341	493677.33, 3860302.55	0.16508	2.15E-06	2.12E-06	2.06E-06
1342	493727.33, 3860302.55	0.16423	2.14E-06	2.11E-06	2.05E-06
1343	493777.33, 3860302.55	0.16345	2.13E-06	2.10E-06	2.04E-06
1344	493827.33, 3860302.55	0.16271	2.12E-06	2.09E-06	2.03E-06
1345	493877.33, 3860302.55	0.16183	2.11E-06	2.08E-06	2.02E-06
1346	493927.33, 3860302.55	0.16085	2.09E-06	2.07E-06	2.01E-06
1347	493977.33, 3860302.55	0.16038	2.09E-06	2.06E-06	2.00E-06
1348	494027.33, 3860302.55	0.15959	2.08E-06	2.05E-06	1.99E-06
1349	493677.33, 3860352.55	0.16002	2.08E-06	2.06E-06	2.00E-06
1350	493727.33, 3860352.55	0.15913	2.07E-06	2.04E-06	1.98E-06
1351	493777.33, 3860352.55	0.15826	2.06E-06	2.03E-06	1.97E-06
1352	493827.33, 3860352.55	0.15747	2.05E-06	2.02E-06	1.96E-06
1353	493877.33, 3860352.55	0.15676	2.04E-06	2.01E-06	1.96E-06
1354	493927.33, 3860352.55	0.15615	2.03E-06	2.01E-06	1.95E-06
1355	493977.33, 3860352.55	0.15572	2.03E-06	2.00E-06	1.94E-06
1356	494027.33, 3860352.55	0.15494	2.02E-06	1.99E-06	1.93E-06
1357	493677.33, 3860402.55	0.15503	2.02E-06	1.99E-06	1.93E-06
1358	493727.33, 3860402.55	0.1542	2.01E-06	1.98E-06	1.92E-06
1359	493777.33, 3860402.55	0.15363	2.00E-06	1.97E-06	1.92E-06
1360	493827.33, 3860402.55	0.15276	1.99E-06	1.96E-06	1.91E-06
1361	493877.33, 3860402.55	0.15198	1.98E-06	1.95E-06	1.90E-06
1362	493927.33, 3860402.55	0.15145	1.97E-06	1.95E-06	1.89E-06
1363	493977.33, 3860402.55	0.15104	1.97E-06	1.94E-06	1.88E-06
1364	494027.33, 3860402.55	0.15023	1.96E-06	1.93E-06	1.87E-06
1365	493677.33, 3860452.55	0.15043	1.96E-06	1.93E-06	1.88E-06
1366	493727.33, 3860452.55	0.14945	1.94E-06	1.92E-06	1.86E-06
1367	493777.33, 3860452.55	0.14871	1.94E-06	1.91E-06	1.85E-06
1368	493827.33, 3860452.55	0.14818	1.93E-06	1.90E-06	1.85E-06
1369	493877.33, 3860452.55	0.14759	1.92E-06	1.90E-06	1.84E-06
1370	493927.33, 3860452.55	0.14715	1.91E-06	1.89E-06	1.84E-06
1371	493977.33, 3860452.55	0.14645	1.91E-06	1.88E-06	1.83E-06
1372	494027.33, 3860452.55	0.14575	1.90E-06	1.87E-06	1.82E-06
1373	493677.33, 3860502.55	0.14594	1.90E-06	1.87E-06	1.82E-06
1374	493727.33, 3860502.55	0.14506	1.89E-06	1.86E-06	1.81E-06
1375	493777.33, 3860502.55	0.14437	1.88E-06	1.85E-06	1.80E-06
1376	493827.33, 3860502.55	0.1437	1.87E-06	1.85E-06	1.79E-06
1377	493877.33, 3860502.55	0.14323	1.86E-06	1.84E-06	1.79E-06
1378	493927.33, 3860502.55	0.14282	1.86E-06	1.83E-06	1.78E-06
1379	493977.33, 3860502.55	0.14212	1.85E-06	1.83E-06	1.77E-06
1380	494027.33, 3860502.55	0.1415	1.84E-06	1.82E-06	1.76E-06
1381	493627.33, 3860552.55	0.14229	1.85E-06	1.83E-06	1.77E-06
1382	493677.33, 3860552.55	0.14141	1.84E-06	1.82E-06	1.76E-06
1383	493727.33, 3860552.55	0.14059	1.83E-06	1.81E-06	1.75E-06
1384	493777.33, 3860552.55	0.14002	1.82E-06	1.80E-06	1.75E-06
1385	493827.33, 3860552.55	0.13959	1.82E-06	1.79E-06	1.74E-06
1386	493877.33, 3860552.55	0.1389	1.81E-06	1.78E-06	1.73E-06
1387	493927.33, 3860552.55	0.13845	1.80E-06	1.78E-06	1.73E-06
1388	493977.33, 3860552.55	0.13804	1.80E-06	1.77E-06	1.72E-06
1389	494027.33, 3860552.55	0.13739	1.79E-06	1.76E-06	1.71E-06
1390	493627.33, 3860602.55	0.1381	1.80E-06	1.77E-06	1.72E-06
1391	493727.33, 3860602.55	0.13617	1.77E-06	1.75E-06	1.70E-06
1392	493777.33, 3860602.55	0.13591	1.77E-06	1.75E-06	1.70E-06
1393	493827.33, 3860602.55	0.13533	1.76E-06	1.74E-06	1.69E-06
1394	493877.33, 3860602.55	0.13499	1.76E-06	1.73E-06	1.68E-06
1395	493927.33, 3860602.55	0.1345	1.75E-06	1.73E-06	1.68E-06
1396	493977.33, 3860602.55	0.13405	1.74E-06	1.72E-06	1.67E-06

1397	494027.33, 3860602.55	0.13337	1.74E-06	1.71E-06	1.66E-06
1398	493627.33, 3860652.55	0.13397	1.74E-06	1.72E-06	1.67E-06
1399	493727.33, 3860652.55	0.13214	1.72E-06	1.70E-06	1.65E-06
1400	493777.33, 3860652.55	0.13178	1.71E-06	1.69E-06	1.64E-06
1401	493827.33, 3860652.55	0.13141	1.71E-06	1.69E-06	1.64E-06
1402	493877.33, 3860652.55	0.13113	1.71E-06	1.68E-06	1.64E-06
1403	493927.33, 3860652.55	0.13063	1.70E-06	1.68E-06	1.63E-06
1404	493977.33, 3860652.55	0.13011	1.69E-06	1.67E-06	1.62E-06
1405	494027.33, 3860652.55	0.12977	1.69E-06	1.67E-06	1.62E-06
1406	494311.06, 3858401.99	0.17587	2.29E-06	2.26E-06	2.19E-06
1407	494361.06, 3858401.99	0.17157	2.23E-06	2.20E-06	2.14E-06
1408	494411.06, 3858401.99	0.16837	2.19E-06	2.16E-06	2.10E-06
1409	494461.06, 3858401.99	0.16627	2.16E-06	2.14E-06	2.07E-06
1410	494511.06, 3858401.99	0.163	2.12E-06	2.09E-06	2.03E-06
1411	494561.06, 3858401.99	0.16091	2.09E-06	2.07E-06	2.01E-06
1412	494611.06, 3858401.99	0.1577	2.05E-06	2.03E-06	1.97E-06
1413	494661.06, 3858401.99	0.15489	2.02E-06	1.99E-06	1.93E-06
1414	494711.06, 3858401.99	0.15124	1.97E-06	1.94E-06	1.89E-06
1415	494761.06, 3858401.99	0.14891	1.94E-06	1.91E-06	1.86E-06
1416	494811.06, 3858401.99	0.14597	1.90E-06	1.87E-06	1.82E-06
1417	494861.06, 3858401.99	0.14331	1.86E-06	1.84E-06	1.79E-06
1418	494911.06, 3858401.99	0.14071	1.83E-06	1.81E-06	1.75E-06
1419	494961.06, 3858401.99	0.13807	1.80E-06	1.77E-06	1.72E-06
1420	495011.06, 3858401.99	0.13498	1.76E-06	1.73E-06	1.68E-06
1421	495061.06, 3858401.99	0.13242	1.72E-06	1.70E-06	1.65E-06
1422	495111.06, 3858401.99	0.1284	1.67E-06	1.65E-06	1.60E-06
1423	495161.06, 3858401.99	0.12705	1.65E-06	1.63E-06	1.58E-06
1424	495211.06, 3858401.99	0.12357	1.61E-06	1.59E-06	1.54E-06
1425	495261.06, 3858401.99	0.12137	1.58E-06	1.56E-06	1.51E-06
1426	495311.06, 3858401.99	0.11912	1.55E-06	1.53E-06	1.49E-06
1427	495361.06, 3858401.99	0.11737	1.53E-06	1.51E-06	1.46E-06
1428	495411.06, 3858401.99	0.11611	1.51E-06	1.49E-06	1.45E-06
1429	495461.06, 3858401.99	0.11505	1.50E-06	1.48E-06	1.43E-06
1430	495511.06, 3858401.99	0.11385	1.48E-06	1.46E-06	1.42E-06
1431	495561.06, 3858401.99	0.11193	1.46E-06	1.44E-06	1.40E-06
1432	495611.06, 3858401.99	0.11089	1.44E-06	1.42E-06	1.38E-06
1433	495661.06, 3858401.99	0.11074	1.44E-06	1.42E-06	1.38E-06
1434	494311.06, 3858451.99	0.17877	2.33E-06	2.30E-06	2.23E-06
1435	494361.06, 3858451.99	0.17504	2.28E-06	2.25E-06	2.18E-06
1436	494411.06, 3858451.99	0.17178	2.24E-06	2.21E-06	2.14E-06
1437	494461.06, 3858451.99	0.16883	2.20E-06	2.17E-06	2.11E-06
1438	494511.06, 3858451.99	0.16666	2.17E-06	2.14E-06	2.08E-06
1439	494561.06, 3858451.99	0.16328	2.12E-06	2.10E-06	2.04E-06
1440	494611.06, 3858451.99	0.16054	2.09E-06	2.06E-06	2.00E-06
1441	494661.06, 3858451.99	0.1577	2.05E-06	2.03E-06	1.97E-06
1442	494711.06, 3858451.99	0.15438	2.01E-06	1.98E-06	1.93E-06
1443	494761.06, 3858451.99	0.15109	1.97E-06	1.94E-06	1.88E-06
1444	494811.06, 3858451.99	0.14833	1.93E-06	1.91E-06	1.85E-06
1445	494861.06, 3858451.99	0.14537	1.89E-06	1.87E-06	1.81E-06
1446	494911.06, 3858451.99	0.14165	1.84E-06	1.82E-06	1.77E-06
1447	494961.06, 3858451.99	0.13901	1.81E-06	1.79E-06	1.73E-06
1448	495011.06, 3858451.99	0.13577	1.77E-06	1.74E-06	1.69E-06
1449	495061.06, 3858451.99	0.13386	1.74E-06	1.72E-06	1.67E-06
1450	495111.06, 3858451.99	0.13078	1.70E-06	1.68E-06	1.63E-06
1451	495161.06, 3858451.99	0.12747	1.66E-06	1.64E-06	1.59E-06
1452	495211.06, 3858451.99	0.12447	1.62E-06	1.60E-06	1.55E-06

1453	495261.06, 3858451.99	0.12231	1.59E-06	1.57E-06	1.53E-06
1454	495311.06, 3858451.99	0.12042	1.57E-06	1.55E-06	1.50E-06
1455	495361.06, 3858451.99	0.11876	1.55E-06	1.53E-06	1.48E-06
1456	495411.06, 3858451.99	0.11763	1.53E-06	1.51E-06	1.47E-06
1457	495461.06, 3858451.99	0.11663	1.52E-06	1.50E-06	1.45E-06
1458	495511.06, 3858451.99	0.11483	1.49E-06	1.47E-06	1.43E-06
1459	495561.06, 3858451.99	0.11433	1.49E-06	1.47E-06	1.43E-06
1460	495611.06, 3858451.99	0.11232	1.46E-06	1.44E-06	1.40E-06
1461	495661.06, 3858451.99	0.11155	1.45E-06	1.43E-06	1.39E-06
1462	494311.06, 3858501.99	0.17855	2.32E-06	2.29E-06	2.23E-06
1463	494361.06, 3858501.99	0.17571	2.29E-06	2.26E-06	2.19E-06
1464	494411.06, 3858501.99	0.17266	2.25E-06	2.22E-06	2.15E-06
1465	494461.06, 3858501.99	0.17039	2.22E-06	2.19E-06	2.13E-06
1466	494511.06, 3858501.99	0.16678	2.17E-06	2.14E-06	2.08E-06
1467	494561.06, 3858501.99	0.16596	2.16E-06	2.13E-06	2.07E-06
1468	494611.06, 3858501.99	0.16279	2.12E-06	2.09E-06	2.03E-06
1469	494661.06, 3858501.99	0.16043	2.09E-06	2.06E-06	2.00E-06
1470	494711.06, 3858501.99	0.15702	2.04E-06	2.02E-06	1.96E-06
1471	494761.06, 3858501.99	0.15333	2.00E-06	1.97E-06	1.91E-06
1472	494811.06, 3858501.99	0.14994	1.95E-06	1.93E-06	1.87E-06
1473	494861.06, 3858501.99	0.14737	1.92E-06	1.89E-06	1.84E-06
1474	494911.06, 3858501.99	0.14319	1.86E-06	1.84E-06	1.79E-06
1475	494961.06, 3858501.99	0.1407	1.83E-06	1.81E-06	1.75E-06
1476	495011.06, 3858501.99	0.13713	1.78E-06	1.76E-06	1.71E-06
1477	495061.06, 3858501.99	0.13521	1.76E-06	1.74E-06	1.69E-06
1478	495111.06, 3858501.99	0.13107	1.71E-06	1.68E-06	1.63E-06
1479	495161.06, 3858501.99	0.12823	1.67E-06	1.65E-06	1.60E-06
1480	495211.06, 3858501.99	0.12548	1.63E-06	1.61E-06	1.57E-06
1481	495261.06, 3858501.99	0.12336	1.61E-06	1.58E-06	1.54E-06
1482	495311.06, 3858501.99	0.12186	1.59E-06	1.57E-06	1.52E-06
1483	495361.06, 3858501.99	0.12042	1.57E-06	1.55E-06	1.50E-06
1484	495411.06, 3858501.99	0.11925	1.55E-06	1.53E-06	1.49E-06
1485	495461.06, 3858501.99	0.11811	1.54E-06	1.52E-06	1.47E-06
1486	495511.06, 3858501.99	0.11672	1.52E-06	1.50E-06	1.46E-06
1487	495561.06, 3858501.99	0.11617	1.51E-06	1.49E-06	1.45E-06
1488	495611.06, 3858501.99	0.11444	1.49E-06	1.47E-06	1.43E-06
1489	495661.06, 3858501.99	0.11358	1.48E-06	1.46E-06	1.42E-06
1490	494311.06, 3858551.99	0.17466	2.27E-06	2.24E-06	2.18E-06
1491	494361.06, 3858551.99	0.17462	2.27E-06	2.24E-06	2.18E-06
1492	494411.06, 3858551.99	0.17461	2.27E-06	2.24E-06	2.18E-06
1493	494461.06, 3858551.99	0.17304	2.25E-06	2.22E-06	2.16E-06
1494	494511.06, 3858551.99	0.17058	2.22E-06	2.19E-06	2.13E-06
1495	494561.06, 3858551.99	0.16841	2.19E-06	2.16E-06	2.10E-06
1496	494611.06, 3858551.99	0.16569	2.16E-06	2.13E-06	2.07E-06
1497	494661.06, 3858551.99	0.16321	2.12E-06	2.10E-06	2.04E-06
1498	494711.06, 3858551.99	0.15948	2.08E-06	2.05E-06	1.99E-06
1499	494761.06, 3858551.99	0.15585	2.03E-06	2.00E-06	1.94E-06
1500	494811.06, 3858551.99	0.15289	1.99E-06	1.96E-06	1.91E-06
1501	494861.06, 3858551.99	0.14937	1.94E-06	1.92E-06	1.86E-06
1502	494911.06, 3858551.99	0.14554	1.89E-06	1.87E-06	1.82E-06
1503	494961.06, 3858551.99	0.14242	1.85E-06	1.83E-06	1.78E-06
1504	495011.06, 3858551.99	0.1387	1.80E-06	1.78E-06	1.73E-06
1505	495061.06, 3858551.99	0.1362	1.77E-06	1.75E-06	1.70E-06
1506	495111.06, 3858551.99	0.13208	1.72E-06	1.70E-06	1.65E-06
1507	495161.06, 3858551.99	0.1292	1.68E-06	1.66E-06	1.61E-06
1508	495211.06, 3858551.99	0.12664	1.65E-06	1.63E-06	1.58E-06

1509	495261.06, 3858551.99	0.12467	1.62E-06	1.60E-06	1.55E-06
1510	495311.06, 3858551.99	0.12338	1.61E-06	1.58E-06	1.54E-06
1511	495361.06, 3858551.99	0.12197	1.59E-06	1.57E-06	1.52E-06
1512	495411.06, 3858551.99	0.12099	1.57E-06	1.55E-06	1.51E-06
1513	495461.06, 3858551.99	0.11975	1.56E-06	1.54E-06	1.49E-06
1514	495511.06, 3858551.99	0.11884	1.55E-06	1.53E-06	1.48E-06
1515	495561.06, 3858551.99	0.11762	1.53E-06	1.51E-06	1.47E-06
1516	495611.06, 3858551.99	0.11625	1.51E-06	1.49E-06	1.45E-06
1517	495661.06, 3858551.99	0.1148	1.49E-06	1.47E-06	1.43E-06
1518	494311.06, 3858601.99	0.16501	2.15E-06	2.12E-06	2.06E-06
1519	494361.06, 3858601.99	0.17233	2.24E-06	2.21E-06	2.15E-06
1520	494411.06, 3858601.99	0.17766	2.31E-06	2.28E-06	2.22E-06
1521	494461.06, 3858601.99	0.17598	2.29E-06	2.26E-06	2.19E-06
1522	494511.06, 3858601.99	0.17205	2.24E-06	2.21E-06	2.15E-06
1523	494561.06, 3858601.99	0.17173	2.23E-06	2.21E-06	2.14E-06
1524	494611.06, 3858601.99	0.16832	2.19E-06	2.16E-06	2.10E-06
1525	494661.06, 3858601.99	0.16565	2.16E-06	2.13E-06	2.07E-06
1526	494711.06, 3858601.99	0.16207	2.11E-06	2.08E-06	2.02E-06
1527	494761.06, 3858601.99	0.15856	2.06E-06	2.04E-06	1.98E-06
1528	494811.06, 3858601.99	0.15385	2.00E-06	1.98E-06	1.92E-06
1529	494861.06, 3858601.99	0.15101	1.97E-06	1.94E-06	1.88E-06
1530	494911.06, 3858601.99	0.14674	1.91E-06	1.88E-06	1.83E-06
1531	494961.06, 3858601.99	0.14357	1.87E-06	1.84E-06	1.79E-06
1532	495011.06, 3858601.99	0.14036	1.83E-06	1.80E-06	1.75E-06
1533	495061.06, 3858601.99	0.1371	1.78E-06	1.76E-06	1.71E-06
1534	495111.06, 3858601.99	0.13274	1.73E-06	1.70E-06	1.66E-06
1535	495161.06, 3858601.99	0.13014	1.69E-06	1.67E-06	1.62E-06
1536	495211.06, 3858601.99	0.12825	1.67E-06	1.65E-06	1.60E-06
1537	495261.06, 3858601.99	0.1262	1.64E-06	1.62E-06	1.57E-06
1538	495311.06, 3858601.99	0.12455	1.62E-06	1.60E-06	1.55E-06
1539	495361.06, 3858601.99	0.12337	1.61E-06	1.58E-06	1.54E-06
1540	495411.06, 3858601.99	0.1222	1.59E-06	1.57E-06	1.52E-06
1541	495461.06, 3858601.99	0.12117	1.58E-06	1.56E-06	1.51E-06
1542	495511.06, 3858601.99	0.11954	1.56E-06	1.54E-06	1.49E-06
1543	495561.06, 3858601.99	0.11879	1.55E-06	1.53E-06	1.48E-06
1544	495611.06, 3858601.99	0.11701	1.52E-06	1.50E-06	1.46E-06
1545	495661.06, 3858601.99	0.11611	1.51E-06	1.49E-06	1.45E-06
1546	494311.06, 3858651.99	0.16225	2.11E-06	2.08E-06	2.02E-06
1547	494361.06, 3858651.99	0.16937	2.20E-06	2.18E-06	2.11E-06
1548	494411.06, 3858651.99	0.17821	2.32E-06	2.29E-06	2.22E-06
1549	494461.06, 3858651.99	0.17813	2.32E-06	2.29E-06	2.22E-06
1550	494511.06, 3858651.99	0.17561	2.29E-06	2.26E-06	2.19E-06
1551	494561.06, 3858651.99	0.17369	2.26E-06	2.23E-06	2.17E-06
1552	494611.06, 3858651.99	0.1713	2.23E-06	2.20E-06	2.14E-06
1553	494661.06, 3858651.99	0.1681	2.19E-06	2.16E-06	2.10E-06
1554	494711.06, 3858651.99	0.16408	2.14E-06	2.11E-06	2.05E-06
1555	494761.06, 3858651.99	0.16082	2.09E-06	2.07E-06	2.01E-06
1556	494811.06, 3858651.99	0.15648	2.04E-06	2.01E-06	1.95E-06
1557	494861.06, 3858651.99	0.15251	1.98E-06	1.96E-06	1.90E-06
1558	494911.06, 3858651.99	0.14831	1.93E-06	1.90E-06	1.85E-06
1559	494961.06, 3858651.99	0.14453	1.88E-06	1.86E-06	1.80E-06
1560	495011.06, 3858651.99	0.14149	1.84E-06	1.82E-06	1.76E-06
1561	495061.06, 3858651.99	0.13819	1.80E-06	1.77E-06	1.72E-06
1562	495111.06, 3858651.99	0.13452	1.75E-06	1.73E-06	1.68E-06
1563	495161.06, 3858651.99	0.13199	1.72E-06	1.70E-06	1.65E-06
1564	495211.06, 3858651.99	0.12917	1.68E-06	1.66E-06	1.61E-06

1565	495261.06, 3858651.99	0.12793	1.66E-06	1.64E-06	1.60E-06
1566	495311.06, 3858651.99	0.12623	1.64E-06	1.62E-06	1.57E-06
1567	495361.06, 3858651.99	0.125	1.63E-06	1.61E-06	1.56E-06
1568	495411.06, 3858651.99	0.12401	1.61E-06	1.59E-06	1.55E-06
1569	495461.06, 3858651.99	0.12333	1.60E-06	1.58E-06	1.54E-06
1570	495511.06, 3858651.99	0.12152	1.58E-06	1.56E-06	1.52E-06
1571	495561.06, 3858651.99	0.12007	1.56E-06	1.54E-06	1.50E-06
1572	495611.06, 3858651.99	0.11811	1.54E-06	1.52E-06	1.47E-06
1573	495661.06, 3858651.99	0.11717	1.52E-06	1.50E-06	1.46E-06
1574	494311.06, 3858701.99	0.16337	2.13E-06	2.10E-06	2.04E-06
1575	494361.06, 3858701.99	0.17406	2.27E-06	2.24E-06	2.17E-06
1576	494411.06, 3858701.99	0.18015	2.34E-06	2.31E-06	2.25E-06
1577	494461.06, 3858701.99	0.17907	2.33E-06	2.30E-06	2.23E-06
1578	494511.06, 3858701.99	0.17792	2.32E-06	2.29E-06	2.22E-06
1579	494561.06, 3858701.99	0.17556	2.28E-06	2.25E-06	2.19E-06
1580	494611.06, 3858701.99	0.17071	2.22E-06	2.19E-06	2.13E-06
1581	494661.06, 3858701.99	0.16954	2.21E-06	2.18E-06	2.11E-06
1582	494711.06, 3858701.99	0.16062	2.09E-06	2.06E-06	2.00E-06
1583	494761.06, 3858701.99	0.16138	2.10E-06	2.07E-06	2.01E-06
1584	494811.06, 3858701.99	0.15701	2.04E-06	2.02E-06	1.96E-06
1585	494861.06, 3858701.99	0.15344	2.00E-06	1.97E-06	1.91E-06
1586	494911.06, 3858701.99	0.15029	1.96E-06	1.93E-06	1.87E-06
1587	494961.06, 3858701.99	0.14491	1.89E-06	1.86E-06	1.81E-06
1588	495011.06, 3858701.99	0.14135	1.84E-06	1.82E-06	1.76E-06
1589	495061.06, 3858701.99	0.13939	1.81E-06	1.79E-06	1.74E-06
1590	495111.06, 3858701.99	0.13549	1.76E-06	1.74E-06	1.69E-06
1591	495161.06, 3858701.99	0.13324	1.73E-06	1.71E-06	1.66E-06
1592	495211.06, 3858701.99	0.13046	1.70E-06	1.68E-06	1.63E-06
1593	495261.06, 3858701.99	0.12931	1.68E-06	1.66E-06	1.61E-06
1594	495311.06, 3858701.99	0.1282	1.67E-06	1.65E-06	1.60E-06
1595	495361.06, 3858701.99	0.12675	1.65E-06	1.63E-06	1.58E-06
1596	495411.06, 3858701.99	0.12598	1.64E-06	1.62E-06	1.57E-06
1597	495461.06, 3858701.99	0.12477	1.62E-06	1.60E-06	1.56E-06
1598	495511.06, 3858701.99	0.12324	1.60E-06	1.58E-06	1.54E-06
1599	495561.06, 3858701.99	0.1215	1.58E-06	1.56E-06	1.52E-06
1600	495611.06, 3858701.99	0.11976	1.56E-06	1.54E-06	1.49E-06
1601	495661.06, 3858701.99	0.11851	1.54E-06	1.52E-06	1.48E-06
1602	494311.06, 3858751.99	0.1647	2.14E-06	2.12E-06	2.05E-06
1603	494361.06, 3858751.99	0.17826	2.32E-06	2.29E-06	2.22E-06
1604	494411.06, 3858751.99	0.18283	2.38E-06	2.35E-06	2.28E-06
1605	494461.06, 3858751.99	0.18171	2.36E-06	2.33E-06	2.27E-06
1606	494511.06, 3858751.99	0.18117	2.36E-06	2.33E-06	2.26E-06
1607	494561.06, 3858751.99	0.17737	2.31E-06	2.28E-06	2.21E-06
1608	494611.06, 3858751.99	0.17306	2.25E-06	2.22E-06	2.16E-06
1609	494661.06, 3858751.99	0.1707	2.22E-06	2.19E-06	2.13E-06
1610	494711.06, 3858751.99	0.16517	2.15E-06	2.12E-06	2.06E-06
1611	494761.06, 3858751.99	0.16298	2.12E-06	2.09E-06	2.03E-06
1612	494811.06, 3858751.99	0.15825	2.06E-06	2.03E-06	1.97E-06
1613	494861.06, 3858751.99	0.1541	2.01E-06	1.98E-06	1.92E-06
1614	494911.06, 3858751.99	0.14969	1.95E-06	1.92E-06	1.87E-06
1615	494961.06, 3858751.99	0.1464	1.91E-06	1.88E-06	1.83E-06
1616	495011.06, 3858751.99	0.14397	1.87E-06	1.85E-06	1.80E-06
1617	495061.06, 3858751.99	0.14068	1.83E-06	1.81E-06	1.75E-06
1618	495111.06, 3858751.99	0.13701	1.78E-06	1.76E-06	1.71E-06
1619	495161.06, 3858751.99	0.13466	1.75E-06	1.73E-06	1.68E-06
1620	495211.06, 3858751.99	0.13187	1.72E-06	1.69E-06	1.64E-06

1621	495261.06, 3858751.99	0.13061	1.70E-06	1.68E-06	1.63E-06
1622	495311.06, 3858751.99	0.12955	1.69E-06	1.66E-06	1.62E-06
1623	495361.06, 3858751.99	0.12816	1.67E-06	1.65E-06	1.60E-06
1624	495411.06, 3858751.99	0.12758	1.66E-06	1.64E-06	1.59E-06
1625	495461.06, 3858751.99	0.12637	1.64E-06	1.62E-06	1.58E-06
1626	495511.06, 3858751.99	0.12482	1.62E-06	1.60E-06	1.56E-06
1627	495561.06, 3858751.99	0.12313	1.60E-06	1.58E-06	1.54E-06
1628	495611.06, 3858751.99	0.12145	1.58E-06	1.56E-06	1.51E-06
1629	495661.06, 3858751.99	0.12003	1.56E-06	1.54E-06	1.50E-06
1630	494311.06, 3858801.99	0.17008	2.21E-06	2.18E-06	2.12E-06
1631	494361.06, 3858801.99	0.18161	2.36E-06	2.33E-06	2.27E-06
1632	494411.06, 3858801.99	0.18362	2.39E-06	2.36E-06	2.29E-06
1633	494461.06, 3858801.99	0.18402	2.39E-06	2.36E-06	2.30E-06
1634	494511.06, 3858801.99	0.18384	2.39E-06	2.36E-06	2.29E-06
1635	494561.06, 3858801.99	0.18184	2.37E-06	2.34E-06	2.27E-06
1636	494611.06, 3858801.99	0.17883	2.33E-06	2.30E-06	2.23E-06
1637	494661.06, 3858801.99	0.17441	2.27E-06	2.24E-06	2.18E-06
1638	494711.06, 3858801.99	0.16946	2.21E-06	2.18E-06	2.11E-06
1639	494761.06, 3858801.99	0.16398	2.13E-06	2.11E-06	2.05E-06
1640	494811.06, 3858801.99	0.15855	2.06E-06	2.04E-06	1.98E-06
1641	494861.06, 3858801.99	0.15542	2.02E-06	2.00E-06	1.94E-06
1642	494911.06, 3858801.99	0.15111	1.97E-06	1.94E-06	1.88E-06
1643	494961.06, 3858801.99	0.14783	1.92E-06	1.90E-06	1.84E-06
1644	495011.06, 3858801.99	0.14445	1.88E-06	1.86E-06	1.80E-06
1645	495061.06, 3858801.99	0.1421	1.85E-06	1.83E-06	1.77E-06
1646	495111.06, 3858801.99	0.13807	1.80E-06	1.77E-06	1.72E-06
1647	495161.06, 3858801.99	0.13503	1.76E-06	1.73E-06	1.68E-06
1648	495211.06, 3858801.99	0.13315	1.73E-06	1.71E-06	1.66E-06
1649	495261.06, 3858801.99	0.13197	1.72E-06	1.69E-06	1.65E-06
1650	495311.06, 3858801.99	0.13104	1.71E-06	1.68E-06	1.63E-06
1651	495361.06, 3858801.99	0.12974	1.69E-06	1.67E-06	1.62E-06
1652	495411.06, 3858801.99	0.12954	1.69E-06	1.66E-06	1.62E-06
1653	495461.06, 3858801.99	0.12817	1.67E-06	1.65E-06	1.60E-06
1654	495511.06, 3858801.99	0.12642	1.65E-06	1.62E-06	1.58E-06
1655	495561.06, 3858801.99	0.12492	1.63E-06	1.60E-06	1.56E-06
1656	495611.06, 3858801.99	0.12291	1.60E-06	1.58E-06	1.53E-06
1657	495661.06, 3858801.99	0.12172	1.58E-06	1.56E-06	1.52E-06
1658	494311.06, 3858851.99	0.18293	2.38E-06	2.35E-06	2.28E-06
1659	494361.06, 3858851.99	0.18965	2.47E-06	2.44E-06	2.37E-06
1660	494411.06, 3858851.99	0.18795	2.45E-06	2.41E-06	2.34E-06
1661	494461.06, 3858851.99	0.18738	2.44E-06	2.41E-06	2.34E-06
1662	494511.06, 3858851.99	0.18622	2.42E-06	2.39E-06	2.32E-06
1663	494561.06, 3858851.99	0.18379	2.39E-06	2.36E-06	2.29E-06
1664	494611.06, 3858851.99	0.18014	2.34E-06	2.31E-06	2.25E-06
1665	494661.06, 3858851.99	0.17583	2.29E-06	2.26E-06	2.19E-06
1666	494711.06, 3858851.99	0.17006	2.21E-06	2.18E-06	2.12E-06
1667	494761.06, 3858851.99	0.16468	2.14E-06	2.12E-06	2.05E-06
1668	494811.06, 3858851.99	0.16024	2.09E-06	2.06E-06	2.00E-06
1669	494861.06, 3858851.99	0.15716	2.05E-06	2.02E-06	1.96E-06
1670	494911.06, 3858851.99	0.15317	1.99E-06	1.97E-06	1.91E-06
1671	494961.06, 3858851.99	0.14969	1.95E-06	1.92E-06	1.87E-06
1672	495011.06, 3858851.99	0.14681	1.91E-06	1.89E-06	1.83E-06
1673	495061.06, 3858851.99	0.14355	1.87E-06	1.84E-06	1.79E-06
1674	495111.06, 3858851.99	0.13828	1.80E-06	1.78E-06	1.72E-06
1675	495161.06, 3858851.99	0.13531	1.76E-06	1.74E-06	1.69E-06
1676	495211.06, 3858851.99	0.13482	1.75E-06	1.73E-06	1.68E-06

1677	495261.06, 3858851.99	0.1336	1.74E-06	1.72E-06	1.67E-06
1678	495311.06, 3858851.99	0.13287	1.73E-06	1.71E-06	1.66E-06
1679	495361.06, 3858851.99	0.13181	1.72E-06	1.69E-06	1.64E-06
1680	495411.06, 3858851.99	0.13077	1.70E-06	1.68E-06	1.63E-06
1681	495461.06, 3858851.99	0.12989	1.69E-06	1.67E-06	1.62E-06
1682	495511.06, 3858851.99	0.12832	1.67E-06	1.65E-06	1.60E-06
1683	495561.06, 3858851.99	0.12595	1.64E-06	1.62E-06	1.57E-06
1684	495611.06, 3858851.99	0.12383	1.61E-06	1.59E-06	1.54E-06
1685	495661.06, 3858851.99	0.12299	1.60E-06	1.58E-06	1.53E-06
1686	494311.06, 3858901.99	0.18801	2.45E-06	2.41E-06	2.34E-06
1687	494361.06, 3858901.99	0.19297	2.51E-06	2.48E-06	2.41E-06
1688	494411.06, 3858901.99	0.19241	2.50E-06	2.47E-06	2.40E-06
1689	494461.06, 3858901.99	0.19213	2.50E-06	2.47E-06	2.40E-06
1690	494511.06, 3858901.99	0.19077	2.48E-06	2.45E-06	2.38E-06
1691	494561.06, 3858901.99	0.18692	2.43E-06	2.40E-06	2.33E-06
1692	494611.06, 3858901.99	0.18085	2.35E-06	2.32E-06	2.26E-06
1693	494661.06, 3858901.99	0.1773	2.31E-06	2.28E-06	2.21E-06
1694	494711.06, 3858901.99	0.17192	2.24E-06	2.21E-06	2.14E-06
1695	494761.06, 3858901.99	0.16589	2.16E-06	2.13E-06	2.07E-06
1696	494811.06, 3858901.99	0.16218	2.11E-06	2.08E-06	2.02E-06
1697	494861.06, 3858901.99	0.15928	2.07E-06	2.05E-06	1.99E-06
1698	494911.06, 3858901.99	0.15381	2.00E-06	1.98E-06	1.92E-06
1699	494961.06, 3858901.99	0.15065	1.96E-06	1.93E-06	1.88E-06
1700	495011.06, 3858901.99	0.14761	1.92E-06	1.90E-06	1.84E-06
1701	495061.06, 3858901.99	0.14355	1.87E-06	1.84E-06	1.79E-06
1702	495111.06, 3858901.99	0.1382	1.80E-06	1.77E-06	1.72E-06
1703	495161.06, 3858901.99	0.13623	1.77E-06	1.75E-06	1.70E-06
1704	495211.06, 3858901.99	0.13651	1.78E-06	1.75E-06	1.70E-06
1705	495261.06, 3858901.99	0.13563	1.77E-06	1.74E-06	1.69E-06
1706	495311.06, 3858901.99	0.13437	1.75E-06	1.73E-06	1.68E-06
1707	495361.06, 3858901.99	0.13326	1.73E-06	1.71E-06	1.66E-06
1708	495411.06, 3858901.99	0.13278	1.73E-06	1.71E-06	1.66E-06
1709	495461.06, 3858901.99	0.13131	1.71E-06	1.69E-06	1.64E-06
1710	495511.06, 3858901.99	0.12928	1.68E-06	1.66E-06	1.61E-06
1711	495561.06, 3858901.99	0.12758	1.66E-06	1.64E-06	1.59E-06
1712	495611.06, 3858901.99	0.12544	1.63E-06	1.61E-06	1.56E-06
1713	495661.06, 3858901.99	0.12478	1.62E-06	1.60E-06	1.56E-06
1714	494311.06, 3858951.99	0.19685	2.56E-06	2.53E-06	2.46E-06
1715	494361.06, 3858951.99	0.19829	2.58E-06	2.55E-06	2.47E-06
1716	494411.06, 3858951.99	0.1953	2.54E-06	2.51E-06	2.44E-06
1717	494461.06, 3858951.99	0.19527	2.54E-06	2.51E-06	2.44E-06
1718	494511.06, 3858951.99	0.19284	2.51E-06	2.48E-06	2.41E-06
1719	494561.06, 3858951.99	0.18905	2.46E-06	2.43E-06	2.36E-06
1720	494611.06, 3858951.99	0.1838	2.39E-06	2.36E-06	2.29E-06
1721	494661.06, 3858951.99	0.17902	2.33E-06	2.30E-06	2.23E-06
1722	494711.06, 3858951.99	0.17267	2.25E-06	2.22E-06	2.15E-06
1723	494761.06, 3858951.99	0.168	2.19E-06	2.16E-06	2.10E-06
1724	494811.06, 3858951.99	0.16464	2.14E-06	2.11E-06	2.05E-06
1725	494861.06, 3858951.99	0.16135	2.10E-06	2.07E-06	2.01E-06
1726	494911.06, 3858951.99	0.15692	2.04E-06	2.02E-06	1.96E-06
1727	494961.06, 3858951.99	0.15442	2.01E-06	1.98E-06	1.93E-06
1728	495011.06, 3858951.99	0.14818	1.93E-06	1.90E-06	1.85E-06
1729	495061.06, 3858951.99	0.14251	1.85E-06	1.83E-06	1.78E-06
1730	495111.06, 3858951.99	0.13821	1.80E-06	1.78E-06	1.72E-06
1731	495161.06, 3858951.99	0.13923	1.81E-06	1.79E-06	1.74E-06
1732	495211.06, 3858951.99	0.13845	1.80E-06	1.78E-06	1.73E-06

1733	495261.06, 3858951.99	0.13763	1.79E-06	1.77E-06	1.72E-06
1734	495311.06, 3858951.99	0.13528	1.76E-06	1.74E-06	1.69E-06
1735	495361.06, 3858951.99	0.13468	1.75E-06	1.73E-06	1.68E-06
1736	495411.06, 3858951.99	0.13437	1.75E-06	1.73E-06	1.68E-06
1737	495461.06, 3858951.99	0.13311	1.73E-06	1.71E-06	1.66E-06
1738	495511.06, 3858951.99	0.13242	1.72E-06	1.70E-06	1.65E-06
1739	495561.06, 3858951.99	0.12934	1.68E-06	1.66E-06	1.61E-06
1740	495611.06, 3858951.99	0.12738	1.66E-06	1.64E-06	1.59E-06
1741	495661.06, 3858951.99	0.1268	1.65E-06	1.63E-06	1.58E-06
1742	494311.06, 3859001.99	0.20295	2.64E-06	2.61E-06	2.53E-06
1743	494361.06, 3859001.99	0.20172	2.63E-06	2.59E-06	2.52E-06
1744	494411.06, 3859001.99	0.20041	2.61E-06	2.57E-06	2.50E-06
1745	494461.06, 3859001.99	0.19817	2.58E-06	2.55E-06	2.47E-06
1746	494511.06, 3859001.99	0.19585	2.55E-06	2.52E-06	2.44E-06
1747	494561.06, 3859001.99	0.19064	2.48E-06	2.45E-06	2.38E-06
1748	494611.06, 3859001.99	0.18588	2.42E-06	2.39E-06	2.32E-06
1749	494661.06, 3859001.99	0.1803	2.35E-06	2.32E-06	2.25E-06
1750	494711.06, 3859001.99	0.17402	2.26E-06	2.24E-06	2.17E-06
1751	494761.06, 3859001.99	0.17009	2.21E-06	2.18E-06	2.12E-06
1752	494811.06, 3859001.99	0.16754	2.18E-06	2.15E-06	2.09E-06
1753	494861.06, 3859001.99	0.16346	2.13E-06	2.10E-06	2.04E-06
1754	494911.06, 3859001.99	0.15925	2.07E-06	2.05E-06	1.99E-06
1755	494961.06, 3859001.99	0.15509	2.02E-06	1.99E-06	1.93E-06
1756	495011.06, 3859001.99	0.1454	1.89E-06	1.87E-06	1.81E-06
1757	495061.06, 3859001.99	0.14314	1.86E-06	1.84E-06	1.79E-06
1758	495111.06, 3859001.99	0.13902	1.81E-06	1.79E-06	1.73E-06
1759	495161.06, 3859001.99	0.1412	1.84E-06	1.81E-06	1.76E-06
1760	495211.06, 3859001.99	0.1399	1.82E-06	1.80E-06	1.74E-06
1761	495261.06, 3859001.99	0.13931	1.81E-06	1.79E-06	1.74E-06
1762	495311.06, 3859001.99	0.13784	1.79E-06	1.77E-06	1.72E-06
1763	495361.06, 3859001.99	0.13717	1.79E-06	1.76E-06	1.71E-06
1764	495411.06, 3859001.99	0.13612	1.77E-06	1.75E-06	1.70E-06
1765	495461.06, 3859001.99	0.13526	1.76E-06	1.74E-06	1.69E-06
1766	495511.06, 3859001.99	0.13272	1.73E-06	1.70E-06	1.66E-06
1767	495561.06, 3859001.99	0.1311	1.71E-06	1.68E-06	1.64E-06
1768	495611.06, 3859001.99	0.12934	1.68E-06	1.66E-06	1.61E-06
1769	495661.06, 3859001.99	0.1297	1.69E-06	1.67E-06	1.62E-06
1770	494311.06, 3859051.99	0.20726	2.70E-06	2.66E-06	2.58E-06
1771	494361.06, 3859051.99	0.20669	2.69E-06	2.65E-06	2.58E-06
1772	494411.06, 3859051.99	0.20366	2.65E-06	2.62E-06	2.54E-06
1773	494461.06, 3859051.99	0.20012	2.60E-06	2.57E-06	2.50E-06
1774	494511.06, 3859051.99	0.19573	2.55E-06	2.51E-06	2.44E-06
1775	494561.06, 3859051.99	0.192	2.50E-06	2.47E-06	2.39E-06
1776	494611.06, 3859051.99	0.18711	2.43E-06	2.40E-06	2.33E-06
1777	494661.06, 3859051.99	0.18197	2.37E-06	2.34E-06	2.27E-06
1778	494711.06, 3859051.99	0.17725	2.31E-06	2.28E-06	2.21E-06
1779	494761.06, 3859051.99	0.17248	2.24E-06	2.22E-06	2.15E-06
1780	494811.06, 3859051.99	0.16901	2.20E-06	2.17E-06	2.11E-06
1781	494861.06, 3859051.99	0.16553	2.15E-06	2.13E-06	2.06E-06
1782	494911.06, 3859051.99	0.16053	2.09E-06	2.06E-06	2.00E-06
1783	494961.06, 3859051.99	0.15359	2.00E-06	1.97E-06	1.92E-06
1784	495011.06, 3859051.99	0.14851	1.93E-06	1.91E-06	1.85E-06
1785	495061.06, 3859051.99	0.14505	1.89E-06	1.86E-06	1.81E-06
1786	495111.06, 3859051.99	0.14301	1.86E-06	1.84E-06	1.78E-06
1787	495161.06, 3859051.99	0.14384	1.87E-06	1.85E-06	1.79E-06
1788	495211.06, 3859051.99	0.1415	1.84E-06	1.82E-06	1.76E-06

1789	495261.06, 3859051.99	0.14156	1.84E-06	1.82E-06	1.77E-06
1790	495311.06, 3859051.99	0.13987	1.82E-06	1.80E-06	1.74E-06
1791	495361.06, 3859051.99	0.13891	1.81E-06	1.78E-06	1.73E-06
1792	495411.06, 3859051.99	0.13844	1.80E-06	1.78E-06	1.73E-06
1793	495461.06, 3859051.99	0.13791	1.79E-06	1.77E-06	1.72E-06
1794	495511.06, 3859051.99	0.13523	1.76E-06	1.74E-06	1.69E-06
1795	495561.06, 3859051.99	0.13314	1.73E-06	1.71E-06	1.66E-06
1796	495611.06, 3859051.99	0.13128	1.71E-06	1.69E-06	1.64E-06
1797	495661.06, 3859051.99	0.13149	1.71E-06	1.69E-06	1.64E-06
1798	494311.06, 3859101.99	0.21169	2.75E-06	2.72E-06	2.64E-06
1799	494361.06, 3859101.99	0.20897	2.72E-06	2.68E-06	2.61E-06
1800	494411.06, 3859101.99	0.20676	2.69E-06	2.66E-06	2.58E-06
1801	494461.06, 3859101.99	0.20306	2.64E-06	2.61E-06	2.53E-06
1802	494511.06, 3859101.99	0.19787	2.57E-06	2.54E-06	2.47E-06
1803	494561.06, 3859101.99	0.1938	2.52E-06	2.49E-06	2.42E-06
1804	494611.06, 3859101.99	0.18778	2.44E-06	2.41E-06	2.34E-06
1805	494661.06, 3859101.99	0.18393	2.39E-06	2.36E-06	2.29E-06
1806	494711.06, 3859101.99	0.17746	2.31E-06	2.28E-06	2.21E-06
1807	494761.06, 3859101.99	0.17548	2.28E-06	2.25E-06	2.19E-06
1808	494811.06, 3859101.99	0.17122	2.23E-06	2.20E-06	2.14E-06
1809	494861.06, 3859101.99	0.16747	2.18E-06	2.15E-06	2.09E-06
1810	494911.06, 3859101.99	0.16227	2.11E-06	2.08E-06	2.02E-06
1811	494961.06, 3859101.99	0.15486	2.02E-06	1.99E-06	1.93E-06
1812	495011.06, 3859101.99	0.14749	1.92E-06	1.89E-06	1.84E-06
1813	495061.06, 3859101.99	0.14709	1.91E-06	1.89E-06	1.83E-06
1814	495111.06, 3859101.99	0.14481	1.88E-06	1.86E-06	1.81E-06
1815	495161.06, 3859101.99	0.14564	1.90E-06	1.87E-06	1.82E-06
1816	495211.06, 3859101.99	0.14355	1.87E-06	1.84E-06	1.79E-06
1817	495261.06, 3859101.99	0.14318	1.86E-06	1.84E-06	1.79E-06
1818	495311.06, 3859101.99	0.14196	1.85E-06	1.82E-06	1.77E-06
1819	495361.06, 3859101.99	0.14189	1.85E-06	1.82E-06	1.77E-06
1820	495411.06, 3859101.99	0.14107	1.84E-06	1.81E-06	1.76E-06
1821	495461.06, 3859101.99	0.13934	1.81E-06	1.79E-06	1.74E-06
1822	495511.06, 3859101.99	0.13811	1.80E-06	1.77E-06	1.72E-06
1823	495561.06, 3859101.99	0.13596	1.77E-06	1.75E-06	1.70E-06
1824	495611.06, 3859101.99	0.13378	1.74E-06	1.72E-06	1.67E-06
1825	495661.06, 3859101.99	0.13328	1.73E-06	1.71E-06	1.66E-06
1826	494311.06, 3859151.99	0.2142	2.79E-06	2.75E-06	2.67E-06
1827	494361.06, 3859151.99	0.21237	2.76E-06	2.73E-06	2.65E-06
1828	494411.06, 3859151.99	0.20812	2.71E-06	2.67E-06	2.60E-06
1829	494461.06, 3859151.99	0.20381	2.65E-06	2.62E-06	2.54E-06
1830	494511.06, 3859151.99	0.19837	2.58E-06	2.55E-06	2.47E-06
1831	494561.06, 3859151.99	0.19504	2.54E-06	2.51E-06	2.43E-06
1832	494611.06, 3859151.99	0.18971	2.47E-06	2.44E-06	2.37E-06
1833	494661.06, 3859151.99	0.18622	2.42E-06	2.39E-06	2.32E-06
1834	494711.06, 3859151.99	0.18321	2.38E-06	2.35E-06	2.29E-06
1835	494761.06, 3859151.99	0.17731	2.31E-06	2.28E-06	2.21E-06
1836	494811.06, 3859151.99	0.17241	2.24E-06	2.21E-06	2.15E-06
1837	494861.06, 3859151.99	0.1692	2.20E-06	2.17E-06	2.11E-06
1838	494911.06, 3859151.99	0.16345	2.13E-06	2.10E-06	2.04E-06
1839	494961.06, 3859151.99	0.15598	2.03E-06	2.00E-06	1.95E-06
1840	495011.06, 3859151.99	0.14939	1.94E-06	1.92E-06	1.86E-06
1841	495061.06, 3859151.99	0.14842	1.93E-06	1.91E-06	1.85E-06
1842	495111.06, 3859151.99	0.1469	1.91E-06	1.89E-06	1.83E-06
1843	495161.06, 3859151.99	0.14776	1.92E-06	1.90E-06	1.84E-06
1844	495211.06, 3859151.99	0.14647	1.91E-06	1.88E-06	1.83E-06

1845	495261.06, 3859151.99	0.14526	1.89E-06	1.87E-06	1.81E-06
1846	495311.06, 3859151.99	0.14433	1.88E-06	1.85E-06	1.80E-06
1847	495361.06, 3859151.99	0.14323	1.86E-06	1.84E-06	1.79E-06
1848	495411.06, 3859151.99	0.14383	1.87E-06	1.85E-06	1.79E-06
1849	495461.06, 3859151.99	0.14283	1.86E-06	1.83E-06	1.78E-06
1850	495511.06, 3859151.99	0.14032	1.83E-06	1.80E-06	1.75E-06
1851	495561.06, 3859151.99	0.13847	1.80E-06	1.78E-06	1.73E-06
1852	495611.06, 3859151.99	0.13686	1.78E-06	1.76E-06	1.71E-06
1853	495661.06, 3859151.99	0.13546	1.76E-06	1.74E-06	1.69E-06
1854	494311.06, 3859201.99	0.21601	2.81E-06	2.77E-06	2.69E-06
1855	494361.06, 3859201.99	0.2133	2.78E-06	2.74E-06	2.66E-06
1856	494411.06, 3859201.99	0.20968	2.73E-06	2.69E-06	2.62E-06
1857	494461.06, 3859201.99	0.20455	2.66E-06	2.63E-06	2.55E-06
1858	494511.06, 3859201.99	0.20105	2.62E-06	2.58E-06	2.51E-06
1859	494561.06, 3859201.99	0.19548	2.54E-06	2.51E-06	2.44E-06
1860	494611.06, 3859201.99	0.19113	2.49E-06	2.45E-06	2.38E-06
1861	494661.06, 3859201.99	0.18766	2.44E-06	2.41E-06	2.34E-06
1862	494711.06, 3859201.99	0.1842	2.40E-06	2.37E-06	2.30E-06
1863	494761.06, 3859201.99	0.17872	2.33E-06	2.30E-06	2.23E-06
1864	494811.06, 3859201.99	0.1742	2.27E-06	2.24E-06	2.17E-06
1865	494861.06, 3859201.99	0.16886	2.20E-06	2.17E-06	2.11E-06
1866	494911.06, 3859201.99	0.16285	2.12E-06	2.09E-06	2.03E-06
1867	494961.06, 3859201.99	0.15649	2.04E-06	2.01E-06	1.95E-06
1868	495011.06, 3859201.99	0.14845	1.93E-06	1.91E-06	1.85E-06
1869	495061.06, 3859201.99	0.15083	1.96E-06	1.94E-06	1.88E-06
1870	495111.06, 3859201.99	0.15035	1.96E-06	1.93E-06	1.88E-06
1871	495161.06, 3859201.99	0.14949	1.95E-06	1.92E-06	1.86E-06
1872	495211.06, 3859201.99	0.14755	1.92E-06	1.90E-06	1.84E-06
1873	495261.06, 3859201.99	0.1472	1.92E-06	1.89E-06	1.84E-06
1874	495311.06, 3859201.99	0.1463	1.90E-06	1.88E-06	1.82E-06
1875	495361.06, 3859201.99	0.14566	1.90E-06	1.87E-06	1.82E-06
1876	495411.06, 3859201.99	0.14598	1.90E-06	1.87E-06	1.82E-06
1877	495461.06, 3859201.99	0.14461	1.88E-06	1.86E-06	1.80E-06
1878	495511.06, 3859201.99	0.14327	1.86E-06	1.84E-06	1.79E-06
1879	495561.06, 3859201.99	0.14056	1.83E-06	1.81E-06	1.75E-06
1880	495611.06, 3859201.99	0.13862	1.80E-06	1.78E-06	1.73E-06
1881	495661.06, 3859201.99	0.13728	1.79E-06	1.76E-06	1.71E-06
1882	494311.06, 3859251.99	0.21741	2.83E-06	2.79E-06	2.71E-06
1883	494361.06, 3859251.99	0.21359	2.78E-06	2.74E-06	2.66E-06
1884	494411.06, 3859251.99	0.20845	2.71E-06	2.68E-06	2.60E-06
1885	494461.06, 3859251.99	0.20503	2.67E-06	2.63E-06	2.56E-06
1886	494511.06, 3859251.99	0.19954	2.60E-06	2.56E-06	2.49E-06
1887	494561.06, 3859251.99	0.19592	2.55E-06	2.52E-06	2.44E-06
1888	494611.06, 3859251.99	0.19128	2.49E-06	2.46E-06	2.39E-06
1889	494661.06, 3859251.99	0.1887	2.46E-06	2.42E-06	2.35E-06
1890	494711.06, 3859251.99	0.18525	2.41E-06	2.38E-06	2.31E-06
1891	494761.06, 3859251.99	0.17681	2.30E-06	2.27E-06	2.21E-06
1892	494811.06, 3859251.99	0.17556	2.28E-06	2.25E-06	2.19E-06
1893	494861.06, 3859251.99	0.16831	2.19E-06	2.16E-06	2.10E-06
1894	494911.06, 3859251.99	0.16209	2.11E-06	2.08E-06	2.02E-06
1895	494961.06, 3859251.99	0.15879	2.07E-06	2.04E-06	1.98E-06
1896	495011.06, 3859251.99	0.15492	2.02E-06	1.99E-06	1.93E-06
1897	495061.06, 3859251.99	0.15476	2.01E-06	1.99E-06	1.93E-06
1898	495111.06, 3859251.99	0.15306	1.99E-06	1.97E-06	1.91E-06
1899	495161.06, 3859251.99	0.1521	1.98E-06	1.95E-06	1.90E-06
1900	495211.06, 3859251.99	0.15028	1.96E-06	1.93E-06	1.87E-06

1901	495261.06, 3859251.99	0.1494	1.94E-06	1.92E-06	1.86E-06
1902	495311.06, 3859251.99	0.14915	1.94E-06	1.92E-06	1.86E-06
1903	495361.06, 3859251.99	0.148	1.93E-06	1.90E-06	1.85E-06
1904	495411.06, 3859251.99	0.14809	1.93E-06	1.90E-06	1.85E-06
1905	495461.06, 3859251.99	0.14681	1.91E-06	1.89E-06	1.83E-06
1906	495511.06, 3859251.99	0.14408	1.87E-06	1.85E-06	1.80E-06
1907	495561.06, 3859251.99	0.14248	1.85E-06	1.83E-06	1.78E-06
1908	495611.06, 3859251.99	0.14012	1.82E-06	1.80E-06	1.75E-06
1909	495661.06, 3859251.99	0.13853	1.80E-06	1.78E-06	1.73E-06
1910	494311.06, 3859301.99	0.21788	2.84E-06	2.80E-06	2.72E-06
1911	494361.06, 3859301.99	0.21393	2.78E-06	2.75E-06	2.67E-06
1912	494411.06, 3859301.99	0.20896	2.72E-06	2.68E-06	2.61E-06
1913	494461.06, 3859301.99	0.20404	2.66E-06	2.62E-06	2.54E-06
1914	494511.06, 3859301.99	0.19971	2.60E-06	2.57E-06	2.49E-06
1915	494561.06, 3859301.99	0.19628	2.55E-06	2.52E-06	2.45E-06
1916	494611.06, 3859301.99	0.19251	2.51E-06	2.47E-06	2.40E-06
1917	494661.06, 3859301.99	0.18883	2.46E-06	2.43E-06	2.36E-06
1918	494711.06, 3859301.99	0.18445	2.40E-06	2.37E-06	2.30E-06
1919	494761.06, 3859301.99	0.1806	2.35E-06	2.32E-06	2.25E-06
1920	494811.06, 3859301.99	0.1752	2.28E-06	2.25E-06	2.19E-06
1921	494861.06, 3859301.99	0.16795	2.19E-06	2.16E-06	2.09E-06
1922	494911.06, 3859301.99	0.16429	2.14E-06	2.11E-06	2.05E-06
1923	494961.06, 3859301.99	0.15724	2.05E-06	2.02E-06	1.96E-06
1924	495011.06, 3859301.99	0.1546	2.01E-06	1.99E-06	1.93E-06
1925	495061.06, 3859301.99	0.15725	2.05E-06	2.02E-06	1.96E-06
1926	495111.06, 3859301.99	0.1535	2.00E-06	1.97E-06	1.91E-06
1927	495161.06, 3859301.99	0.15275	1.99E-06	1.96E-06	1.91E-06
1928	495211.06, 3859301.99	0.15319	1.99E-06	1.97E-06	1.91E-06
1929	495261.06, 3859301.99	0.15275	1.99E-06	1.96E-06	1.91E-06
1930	495311.06, 3859301.99	0.15024	1.96E-06	1.93E-06	1.87E-06
1931	495361.06, 3859301.99	0.15009	1.95E-06	1.93E-06	1.87E-06
1932	495411.06, 3859301.99	0.14919	1.94E-06	1.92E-06	1.86E-06
1933	495461.06, 3859301.99	0.14854	1.93E-06	1.91E-06	1.85E-06
1934	495511.06, 3859301.99	0.14634	1.90E-06	1.88E-06	1.83E-06
1935	495561.06, 3859301.99	0.14292	1.86E-06	1.84E-06	1.78E-06
1936	495611.06, 3859301.99	0.14137	1.84E-06	1.82E-06	1.76E-06
1937	495661.06, 3859301.99	0.13979	1.82E-06	1.80E-06	1.74E-06
1938	494311.06, 3859351.99	0.21674	2.82E-06	2.78E-06	2.70E-06
1939	494361.06, 3859351.99	0.2129	2.77E-06	2.73E-06	2.66E-06
1940	494411.06, 3859351.99	0.20765	2.70E-06	2.67E-06	2.59E-06
1941	494461.06, 3859351.99	0.20318	2.64E-06	2.61E-06	2.53E-06
1942	494511.06, 3859351.99	0.19919	2.59E-06	2.56E-06	2.48E-06
1943	494561.06, 3859351.99	0.19621	2.55E-06	2.52E-06	2.45E-06
1944	494611.06, 3859351.99	0.19276	2.51E-06	2.48E-06	2.40E-06
1945	494661.06, 3859351.99	0.18912	2.46E-06	2.43E-06	2.36E-06
1946	494711.06, 3859351.99	0.18453	2.40E-06	2.37E-06	2.30E-06
1947	494761.06, 3859351.99	0.17882	2.33E-06	2.30E-06	2.23E-06
1948	494811.06, 3859351.99	0.17119	2.23E-06	2.20E-06	2.14E-06
1949	494861.06, 3859351.99	0.16822	2.19E-06	2.16E-06	2.10E-06
1950	494911.06, 3859351.99	0.16619	2.16E-06	2.13E-06	2.07E-06
1951	494961.06, 3859351.99	0.16279	2.12E-06	2.09E-06	2.03E-06
1952	495011.06, 3859351.99	0.16036	2.09E-06	2.06E-06	2.00E-06
1953	495061.06, 3859351.99	0.1614	2.10E-06	2.07E-06	2.01E-06
1954	495111.06, 3859351.99	0.1587	2.07E-06	2.04E-06	1.98E-06
1955	495161.06, 3859351.99	0.15733	2.05E-06	2.02E-06	1.96E-06
1956	495211.06, 3859351.99	0.1558	2.03E-06	2.00E-06	1.94E-06

1957	495261.06, 3859351.99	0.15521	2.02E-06	1.99E-06	1.94E-06
1958	495311.06, 3859351.99	0.15301	1.99E-06	1.97E-06	1.91E-06
1959	495361.06, 3859351.99	0.1517	1.97E-06	1.95E-06	1.89E-06
1960	495411.06, 3859351.99	0.15099	1.96E-06	1.94E-06	1.88E-06
1961	495461.06, 3859351.99	0.15071	1.96E-06	1.94E-06	1.88E-06
1962	495511.06, 3859351.99	0.14778	1.92E-06	1.90E-06	1.84E-06
1963	495561.06, 3859351.99	0.14559	1.89E-06	1.87E-06	1.82E-06
1964	495611.06, 3859351.99	0.14403	1.87E-06	1.85E-06	1.80E-06
1965	495661.06, 3859351.99	0.14116	1.84E-06	1.81E-06	1.76E-06
1966	494311.06, 3859401.99	0.21646	2.82E-06	2.78E-06	2.70E-06
1967	494361.06, 3859401.99	0.21143	2.75E-06	2.72E-06	2.64E-06
1968	494411.06, 3859401.99	0.20622	2.68E-06	2.65E-06	2.57E-06
1969	494461.06, 3859401.99	0.2023	2.63E-06	2.60E-06	2.52E-06
1970	494511.06, 3859401.99	0.19964	2.60E-06	2.56E-06	2.49E-06
1971	494561.06, 3859401.99	0.1965	2.56E-06	2.52E-06	2.45E-06
1972	494611.06, 3859401.99	0.19265	2.51E-06	2.47E-06	2.40E-06
1973	494661.06, 3859401.99	0.18989	2.47E-06	2.44E-06	2.37E-06
1974	494711.06, 3859401.99	0.18656	2.43E-06	2.40E-06	2.33E-06
1975	494761.06, 3859401.99	0.18062	2.35E-06	2.32E-06	2.25E-06
1976	494811.06, 3859401.99	0.17594	2.29E-06	2.26E-06	2.19E-06
1977	494861.06, 3859401.99	0.1703	2.22E-06	2.19E-06	2.12E-06
1978	494911.06, 3859401.99	0.16664	2.17E-06	2.14E-06	2.08E-06
1979	494961.06, 3859401.99	0.16484	2.15E-06	2.12E-06	2.06E-06
1980	495011.06, 3859401.99	0.16346	2.13E-06	2.10E-06	2.04E-06
1981	495061.06, 3859401.99	0.16253	2.12E-06	2.09E-06	2.03E-06
1982	495111.06, 3859401.99	0.15959	2.08E-06	2.05E-06	1.99E-06
1983	495161.06, 3859401.99	0.15873	2.07E-06	2.04E-06	1.98E-06
1984	495211.06, 3859401.99	0.15823	2.06E-06	2.03E-06	1.97E-06
1985	495261.06, 3859401.99	0.15679	2.04E-06	2.01E-06	1.96E-06
1986	495311.06, 3859401.99	0.15516	2.02E-06	1.99E-06	1.94E-06
1987	495361.06, 3859401.99	0.15495	2.02E-06	1.99E-06	1.93E-06
1988	495411.06, 3859401.99	0.15389	2.00E-06	1.98E-06	1.92E-06
1989	495461.06, 3859401.99	0.15195	1.98E-06	1.95E-06	1.90E-06
1990	495511.06, 3859401.99	0.14917	1.94E-06	1.92E-06	1.86E-06
1991	495561.06, 3859401.99	0.14597	1.90E-06	1.87E-06	1.82E-06
1992	495611.06, 3859401.99	0.14419	1.88E-06	1.85E-06	1.80E-06
1993	495661.06, 3859401.99	0.14271	1.86E-06	1.83E-06	1.78E-06
1994	494311.06, 3859451.99	0.21387	2.78E-06	2.75E-06	2.67E-06
1995	494361.06, 3859451.99	0.20954	2.73E-06	2.69E-06	2.61E-06
1996	494411.06, 3859451.99	0.20341	2.65E-06	2.61E-06	2.54E-06
1997	494461.06, 3859451.99	0.20129	2.62E-06	2.59E-06	2.51E-06
1998	494511.06, 3859451.99	0.19769	2.57E-06	2.54E-06	2.47E-06
1999	494561.06, 3859451.99	0.19476	2.53E-06	2.50E-06	2.43E-06
2000	494611.06, 3859451.99	0.19301	2.51E-06	2.48E-06	2.41E-06
2001	494661.06, 3859451.99	0.18918	2.46E-06	2.43E-06	2.36E-06
2002	494711.06, 3859451.99	0.18536	2.41E-06	2.38E-06	2.31E-06
2003	494761.06, 3859451.99	0.18219	2.37E-06	2.34E-06	2.27E-06
2004	494811.06, 3859451.99	0.17737	2.31E-06	2.28E-06	2.21E-06
2005	494861.06, 3859451.99	0.17341	2.26E-06	2.23E-06	2.16E-06
2006	494911.06, 3859451.99	0.17043	2.22E-06	2.19E-06	2.13E-06
2007	494961.06, 3859451.99	0.16867	2.19E-06	2.17E-06	2.10E-06
2008	495011.06, 3859451.99	0.16647	2.17E-06	2.14E-06	2.08E-06
2009	495061.06, 3859451.99	0.16429	2.14E-06	2.11E-06	2.05E-06
2010	495111.06, 3859451.99	0.16207	2.11E-06	2.08E-06	2.02E-06
2011	495161.06, 3859451.99	0.16102	2.10E-06	2.07E-06	2.01E-06
2012	495211.06, 3859451.99	0.16033	2.09E-06	2.06E-06	2.00E-06

2013	495261.06, 3859451.99	0.15949	2.08E-06	2.05E-06	1.99E-06
2014	495311.06, 3859451.99	0.15779	2.05E-06	2.03E-06	1.97E-06
2015	495361.06, 3859451.99	0.15646	2.04E-06	2.01E-06	1.95E-06
2016	495411.06, 3859451.99	0.15471	2.01E-06	1.99E-06	1.93E-06
2017	495461.06, 3859451.99	0.15332	2.00E-06	1.97E-06	1.91E-06
2018	495511.06, 3859451.99	0.15015	1.95E-06	1.93E-06	1.87E-06
2019	495561.06, 3859451.99	0.14816	1.93E-06	1.90E-06	1.85E-06
2020	495611.06, 3859451.99	0.14626	1.90E-06	1.88E-06	1.82E-06
2021	495661.06, 3859451.99	0.14452	1.88E-06	1.86E-06	1.80E-06
2022	494311.06, 3859501.99	0.21198	2.76E-06	2.72E-06	2.64E-06
2023	494361.06, 3859501.99	0.20783	2.70E-06	2.67E-06	2.59E-06
2024	494411.06, 3859501.99	0.2007	2.61E-06	2.58E-06	2.50E-06
2025	494461.06, 3859501.99	0.20045	2.61E-06	2.57E-06	2.50E-06
2026	494511.06, 3859501.99	0.19657	2.56E-06	2.52E-06	2.45E-06
2027	494561.06, 3859501.99	0.19328	2.52E-06	2.48E-06	2.41E-06
2028	494611.06, 3859501.99	0.19326	2.51E-06	2.48E-06	2.41E-06
2029	494661.06, 3859501.99	0.18902	2.46E-06	2.43E-06	2.36E-06
2030	494711.06, 3859501.99	0.184	2.39E-06	2.36E-06	2.29E-06
2031	494761.06, 3859501.99	0.18298	2.38E-06	2.35E-06	2.28E-06
2032	494811.06, 3859501.99	0.17666	2.30E-06	2.27E-06	2.20E-06
2033	494861.06, 3859501.99	0.17411	2.27E-06	2.24E-06	2.17E-06
2034	494911.06, 3859501.99	0.1725	2.24E-06	2.22E-06	2.15E-06
2035	494961.06, 3859501.99	0.16931	2.20E-06	2.17E-06	2.11E-06
2036	495011.06, 3859501.99	0.16783	2.18E-06	2.16E-06	2.09E-06
2037	495061.06, 3859501.99	0.16643	2.17E-06	2.14E-06	2.08E-06
2038	495111.06, 3859501.99	0.16344	2.13E-06	2.10E-06	2.04E-06
2039	495161.06, 3859501.99	0.16219	2.11E-06	2.08E-06	2.02E-06
2040	495211.06, 3859501.99	0.16161	2.10E-06	2.08E-06	2.02E-06
2041	495261.06, 3859501.99	0.16031	2.09E-06	2.06E-06	2.00E-06
2042	495311.06, 3859501.99	0.15933	2.07E-06	2.05E-06	1.99E-06
2043	495361.06, 3859501.99	0.1578	2.05E-06	2.03E-06	1.97E-06
2044	495411.06, 3859501.99	0.15639	2.04E-06	2.01E-06	1.95E-06
2045	495461.06, 3859501.99	0.15463	2.01E-06	1.99E-06	1.93E-06
2046	495511.06, 3859501.99	0.15085	1.96E-06	1.94E-06	1.88E-06
2047	495561.06, 3859501.99	0.15002	1.95E-06	1.93E-06	1.87E-06
2048	495611.06, 3859501.99	0.14798	1.93E-06	1.90E-06	1.85E-06
2049	495661.06, 3859501.99	0.14572	1.90E-06	1.87E-06	1.82E-06
2050	494311.06, 3859551.99	0.20951	2.73E-06	2.69E-06	2.61E-06
2051	494361.06, 3859551.99	0.20501	2.67E-06	2.63E-06	2.56E-06
2052	494411.06, 3859551.99	0.19799	2.58E-06	2.54E-06	2.47E-06
2053	494461.06, 3859551.99	0.19867	2.59E-06	2.55E-06	2.48E-06
2054	494511.06, 3859551.99	0.19509	2.54E-06	2.51E-06	2.43E-06
2055	494561.06, 3859551.99	0.19236	2.50E-06	2.47E-06	2.40E-06
2056	494611.06, 3859551.99	0.19079	2.48E-06	2.45E-06	2.38E-06
2057	494661.06, 3859551.99	0.18847	2.45E-06	2.42E-06	2.35E-06
2058	494711.06, 3859551.99	0.18134	2.36E-06	2.33E-06	2.26E-06
2059	494761.06, 3859551.99	0.1825	2.37E-06	2.34E-06	2.28E-06
2060	494811.06, 3859551.99	0.17738	2.31E-06	2.28E-06	2.21E-06
2061	494861.06, 3859551.99	0.17505	2.28E-06	2.25E-06	2.18E-06
2062	494911.06, 3859551.99	0.17221	2.24E-06	2.21E-06	2.15E-06
2063	494961.06, 3859551.99	0.17077	2.22E-06	2.19E-06	2.13E-06
2064	495011.06, 3859551.99	0.16968	2.21E-06	2.18E-06	2.12E-06
2065	495061.06, 3859551.99	0.16759	2.18E-06	2.15E-06	2.09E-06
2066	495111.06, 3859551.99	0.16493	2.15E-06	2.12E-06	2.06E-06
2067	495161.06, 3859551.99	0.16394	2.13E-06	2.11E-06	2.04E-06
2068	495211.06, 3859551.99	0.16333	2.13E-06	2.10E-06	2.04E-06

2069	495261.06, 3859551.99	0.16125	2.10E-06	2.07E-06	2.01E-06
2070	495311.06, 3859551.99	0.15963	2.08E-06	2.05E-06	1.99E-06
2071	495361.06, 3859551.99	0.15835	2.06E-06	2.03E-06	1.97E-06
2072	495411.06, 3859551.99	0.15741	2.05E-06	2.02E-06	1.96E-06
2073	495461.06, 3859551.99	0.15479	2.01E-06	1.99E-06	1.93E-06
2074	495511.06, 3859551.99	0.15208	1.98E-06	1.95E-06	1.90E-06
2075	495561.06, 3859551.99	0.15049	1.96E-06	1.93E-06	1.88E-06
2076	495611.06, 3859551.99	0.14883	1.94E-06	1.91E-06	1.86E-06
2077	495661.06, 3859551.99	0.14674	1.91E-06	1.88E-06	1.83E-06
2078	494311.06, 3859601.99	0.20743	2.70E-06	2.66E-06	2.59E-06
2079	494361.06, 3859601.99	0.20061	2.61E-06	2.58E-06	2.50E-06
2080	494411.06, 3859601.99	0.19654	2.56E-06	2.52E-06	2.45E-06
2081	494461.06, 3859601.99	0.19684	2.56E-06	2.53E-06	2.46E-06
2082	494511.06, 3859601.99	0.19219	2.50E-06	2.47E-06	2.40E-06
2083	494561.06, 3859601.99	0.19182	2.50E-06	2.46E-06	2.39E-06
2084	494611.06, 3859601.99	0.19048	2.48E-06	2.45E-06	2.38E-06
2085	494661.06, 3859601.99	0.18543	2.41E-06	2.38E-06	2.31E-06
2086	494711.06, 3859601.99	0.18082	2.35E-06	2.32E-06	2.26E-06
2087	494761.06, 3859601.99	0.18301	2.38E-06	2.35E-06	2.28E-06
2088	494811.06, 3859601.99	0.178	2.32E-06	2.29E-06	2.22E-06
2089	494861.06, 3859601.99	0.17603	2.29E-06	2.26E-06	2.20E-06
2090	494911.06, 3859601.99	0.17231	2.24E-06	2.21E-06	2.15E-06
2091	494961.06, 3859601.99	0.17273	2.25E-06	2.22E-06	2.15E-06
2092	495011.06, 3859601.99	0.1688	2.20E-06	2.17E-06	2.11E-06
2093	495061.06, 3859601.99	0.16833	2.19E-06	2.16E-06	2.10E-06
2094	495111.06, 3859601.99	0.16556	2.15E-06	2.13E-06	2.06E-06
2095	495161.06, 3859601.99	0.16469	2.14E-06	2.12E-06	2.05E-06
2096	495211.06, 3859601.99	0.16316	2.12E-06	2.10E-06	2.03E-06
2097	495261.06, 3859601.99	0.16199	2.11E-06	2.08E-06	2.02E-06
2098	495311.06, 3859601.99	0.16097	2.09E-06	2.07E-06	2.01E-06
2099	495361.06, 3859601.99	0.15927	2.07E-06	2.05E-06	1.99E-06
2100	495411.06, 3859601.99	0.15818	2.06E-06	2.03E-06	1.97E-06
2101	495461.06, 3859601.99	0.15506	2.02E-06	1.99E-06	1.93E-06
2102	495511.06, 3859601.99	0.15228	1.98E-06	1.96E-06	1.90E-06
2103	495561.06, 3859601.99	0.15173	1.97E-06	1.95E-06	1.89E-06
2104	495611.06, 3859601.99	0.14858	1.93E-06	1.91E-06	1.85E-06
2105	495661.06, 3859601.99	0.14753	1.92E-06	1.89E-06	1.84E-06
2106	494311.06, 3859651.99	0.20328	2.65E-06	2.61E-06	2.54E-06
2107	494361.06, 3859651.99	0.19736	2.57E-06	2.53E-06	2.46E-06
2108	494411.06, 3859651.99	0.195	2.54E-06	2.50E-06	2.43E-06
2109	494461.06, 3859651.99	0.19503	2.54E-06	2.50E-06	2.43E-06
2110	494511.06, 3859651.99	0.19242	2.50E-06	2.47E-06	2.40E-06
2111	494561.06, 3859651.99	0.19077	2.48E-06	2.45E-06	2.38E-06
2112	494611.06, 3859651.99	0.18895	2.46E-06	2.43E-06	2.36E-06
2113	494661.06, 3859651.99	0.18365	2.39E-06	2.36E-06	2.29E-06
2114	494711.06, 3859651.99	0.18206	2.37E-06	2.34E-06	2.27E-06
2115	494761.06, 3859651.99	0.18093	2.35E-06	2.32E-06	2.26E-06
2116	494811.06, 3859651.99	0.17779	2.31E-06	2.28E-06	2.22E-06
2117	494861.06, 3859651.99	0.17628	2.29E-06	2.26E-06	2.20E-06
2118	494911.06, 3859651.99	0.174	2.26E-06	2.23E-06	2.17E-06
2119	494961.06, 3859651.99	0.17232	2.24E-06	2.21E-06	2.15E-06
2120	495011.06, 3859651.99	0.17029	2.22E-06	2.19E-06	2.12E-06
2121	495061.06, 3859651.99	0.16906	2.20E-06	2.17E-06	2.11E-06
2122	495111.06, 3859651.99	0.16679	2.17E-06	2.14E-06	2.08E-06
2123	495161.06, 3859651.99	0.16521	2.15E-06	2.12E-06	2.06E-06
2124	495211.06, 3859651.99	0.16403	2.13E-06	2.11E-06	2.05E-06

2125	495261.06, 3859651.99	0.16236	2.11E-06	2.09E-06	2.02E-06
2126	495311.06, 3859651.99	0.161	2.10E-06	2.07E-06	2.01E-06
2127	495361.06, 3859651.99	0.15979	2.08E-06	2.05E-06	1.99E-06
2128	495411.06, 3859651.99	0.15817	2.06E-06	2.03E-06	1.97E-06
2129	495461.06, 3859651.99	0.15529	2.02E-06	1.99E-06	1.94E-06
2130	495511.06, 3859651.99	0.15281	1.99E-06	1.96E-06	1.91E-06
2131	495561.06, 3859651.99	0.15163	1.97E-06	1.95E-06	1.89E-06
2132	495611.06, 3859651.99	0.14986	1.95E-06	1.92E-06	1.87E-06
2133	495661.06, 3859651.99	0.14788	1.92E-06	1.90E-06	1.84E-06
2134	494311.06, 3859701.99	0.19587	2.55E-06	2.52E-06	2.44E-06
2135	494361.06, 3859701.99	0.19322	2.51E-06	2.48E-06	2.41E-06
2136	494411.06, 3859701.99	0.192	2.50E-06	2.47E-06	2.39E-06
2137	494461.06, 3859701.99	0.19277	2.51E-06	2.48E-06	2.40E-06
2138	494511.06, 3859701.99	0.19067	2.48E-06	2.45E-06	2.38E-06
2139	494561.06, 3859701.99	0.18922	2.46E-06	2.43E-06	2.36E-06
2140	494611.06, 3859701.99	0.1876	2.44E-06	2.41E-06	2.34E-06
2141	494661.06, 3859701.99	0.18211	2.37E-06	2.34E-06	2.27E-06
2142	494711.06, 3859701.99	0.18157	2.36E-06	2.33E-06	2.26E-06
2143	494761.06, 3859701.99	0.17898	2.33E-06	2.30E-06	2.23E-06
2144	494811.06, 3859701.99	0.17631	2.29E-06	2.26E-06	2.20E-06
2145	494861.06, 3859701.99	0.17601	2.29E-06	2.26E-06	2.20E-06
2146	494911.06, 3859701.99	0.17384	2.26E-06	2.23E-06	2.17E-06
2147	494961.06, 3859701.99	0.17174	2.23E-06	2.21E-06	2.14E-06
2148	495011.06, 3859701.99	0.17057	2.22E-06	2.19E-06	2.13E-06
2149	495061.06, 3859701.99	0.16885	2.20E-06	2.17E-06	2.11E-06
2150	495111.06, 3859701.99	0.1671	2.17E-06	2.15E-06	2.08E-06
2151	495161.06, 3859701.99	0.16516	2.15E-06	2.12E-06	2.06E-06
2152	495211.06, 3859701.99	0.16312	2.12E-06	2.10E-06	2.03E-06
2153	495261.06, 3859701.99	0.16261	2.12E-06	2.09E-06	2.03E-06
2154	495311.06, 3859701.99	0.16076	2.09E-06	2.06E-06	2.01E-06
2155	495361.06, 3859701.99	0.15905	2.07E-06	2.04E-06	1.98E-06
2156	495411.06, 3859701.99	0.15674	2.04E-06	2.01E-06	1.95E-06
2157	495461.06, 3859701.99	0.15493	2.02E-06	1.99E-06	1.93E-06
2158	495511.06, 3859701.99	0.15163	1.97E-06	1.95E-06	1.89E-06
2159	495561.06, 3859701.99	0.1516	1.97E-06	1.95E-06	1.89E-06
2160	495611.06, 3859701.99	0.14999	1.95E-06	1.93E-06	1.87E-06
2161	495661.06, 3859701.99	0.14822	1.93E-06	1.90E-06	1.85E-06
2162	494311.06, 3859751.99	0.19403	2.52E-06	2.49E-06	2.42E-06
2163	494361.06, 3859751.99	0.19204	2.50E-06	2.47E-06	2.40E-06
2164	494411.06, 3859751.99	0.18958	2.47E-06	2.43E-06	2.36E-06
2165	494461.06, 3859751.99	0.18969	2.47E-06	2.44E-06	2.37E-06
2166	494511.06, 3859751.99	0.18896	2.46E-06	2.43E-06	2.36E-06
2167	494561.06, 3859751.99	0.18709	2.43E-06	2.40E-06	2.33E-06
2168	494611.06, 3859751.99	0.18466	2.40E-06	2.37E-06	2.30E-06
2169	494661.06, 3859751.99	0.18085	2.35E-06	2.32E-06	2.26E-06
2170	494711.06, 3859751.99	0.18023	2.35E-06	2.31E-06	2.25E-06
2171	494761.06, 3859751.99	0.17889	2.33E-06	2.30E-06	2.23E-06
2172	494811.06, 3859751.99	0.17669	2.30E-06	2.27E-06	2.20E-06
2173	494861.06, 3859751.99	0.17513	2.28E-06	2.25E-06	2.18E-06
2174	494911.06, 3859751.99	0.17352	2.26E-06	2.23E-06	2.16E-06
2175	494961.06, 3859751.99	0.17192	2.24E-06	2.21E-06	2.14E-06
2176	495011.06, 3859751.99	0.17015	2.21E-06	2.19E-06	2.12E-06
2177	495061.06, 3859751.99	0.16896	2.20E-06	2.17E-06	2.11E-06
2178	495111.06, 3859751.99	0.16724	2.18E-06	2.15E-06	2.09E-06
2179	495161.06, 3859751.99	0.16534	2.15E-06	2.12E-06	2.06E-06
2180	495211.06, 3859751.99	0.16336	2.13E-06	2.10E-06	2.04E-06

2181	495261.06, 3859751.99	0.16208	2.11E-06	2.08E-06	2.02E-06
2182	495311.06, 3859751.99	0.16033	2.09E-06	2.06E-06	2.00E-06
2183	495361.06, 3859751.99	0.15874	2.07E-06	2.04E-06	1.98E-06
2184	495411.06, 3859751.99	0.1572	2.05E-06	2.02E-06	1.96E-06
2185	495461.06, 3859751.99	0.15492	2.02E-06	1.99E-06	1.93E-06
2186	495511.06, 3859751.99	0.15263	1.99E-06	1.96E-06	1.90E-06
2187	495561.06, 3859751.99	0.15108	1.97E-06	1.94E-06	1.88E-06
2188	495611.06, 3859751.99	0.14956	1.95E-06	1.92E-06	1.87E-06
2189	495661.06, 3859751.99	0.14845	1.93E-06	1.91E-06	1.85E-06
2190	494311.06, 3859801.99	0.19186	2.50E-06	2.46E-06	2.39E-06
2191	494361.06, 3859801.99	0.18926	2.46E-06	2.43E-06	2.36E-06
2192	494411.06, 3859801.99	0.18648	2.43E-06	2.40E-06	2.33E-06
2193	494461.06, 3859801.99	0.18634	2.42E-06	2.39E-06	2.32E-06
2194	494511.06, 3859801.99	0.18635	2.43E-06	2.39E-06	2.32E-06
2195	494561.06, 3859801.99	0.18468	2.40E-06	2.37E-06	2.30E-06
2196	494611.06, 3859801.99	0.18143	2.36E-06	2.33E-06	2.26E-06
2197	494661.06, 3859801.99	0.17951	2.34E-06	2.31E-06	2.24E-06
2198	494711.06, 3859801.99	0.17714	2.31E-06	2.28E-06	2.21E-06
2199	494761.06, 3859801.99	0.17713	2.31E-06	2.27E-06	2.21E-06
2200	494811.06, 3859801.99	0.17528	2.28E-06	2.25E-06	2.19E-06
2201	494861.06, 3859801.99	0.17397	2.26E-06	2.23E-06	2.17E-06
2202	494911.06, 3859801.99	0.17191	2.24E-06	2.21E-06	2.14E-06
2203	494961.06, 3859801.99	0.1704	2.22E-06	2.19E-06	2.13E-06
2204	495011.06, 3859801.99	0.1688	2.20E-06	2.17E-06	2.11E-06
2205	495061.06, 3859801.99	0.1675	2.18E-06	2.15E-06	2.09E-06
2206	495111.06, 3859801.99	0.16562	2.16E-06	2.13E-06	2.07E-06
2207	495161.06, 3859801.99	0.16384	2.13E-06	2.10E-06	2.04E-06
2208	495211.06, 3859801.99	0.16256	2.12E-06	2.09E-06	2.03E-06
2209	495261.06, 3859801.99	0.16072	2.09E-06	2.06E-06	2.00E-06
2210	495311.06, 3859801.99	0.15955	2.08E-06	2.05E-06	1.99E-06
2211	495361.06, 3859801.99	0.15789	2.05E-06	2.03E-06	1.97E-06
2212	495411.06, 3859801.99	0.15596	2.03E-06	2.00E-06	1.95E-06
2213	495461.06, 3859801.99	0.15441	2.01E-06	1.98E-06	1.93E-06
2214	495511.06, 3859801.99	0.15213	1.98E-06	1.95E-06	1.90E-06
2215	495561.06, 3859801.99	0.15084	1.96E-06	1.94E-06	1.88E-06
2216	495611.06, 3859801.99	0.15017	1.95E-06	1.93E-06	1.87E-06
2217	495661.06, 3859801.99	0.14815	1.93E-06	1.90E-06	1.85E-06
2218	494311.06, 3859851.99	0.18848	2.45E-06	2.42E-06	2.35E-06
2219	494361.06, 3859851.99	0.18651	2.43E-06	2.40E-06	2.33E-06
2220	494411.06, 3859851.99	0.18426	2.40E-06	2.37E-06	2.30E-06
2221	494461.06, 3859851.99	0.18256	2.38E-06	2.34E-06	2.28E-06
2222	494511.06, 3859851.99	0.18198	2.37E-06	2.34E-06	2.27E-06
2223	494561.06, 3859851.99	0.1816	2.36E-06	2.33E-06	2.26E-06
2224	494611.06, 3859851.99	0.17842	2.32E-06	2.29E-06	2.23E-06
2225	494661.06, 3859851.99	0.17759	2.31E-06	2.28E-06	2.21E-06
2226	494711.06, 3859851.99	0.17514	2.28E-06	2.25E-06	2.18E-06
2227	494761.06, 3859851.99	0.17484	2.28E-06	2.25E-06	2.18E-06
2228	494811.06, 3859851.99	0.17322	2.25E-06	2.22E-06	2.16E-06
2229	494861.06, 3859851.99	0.17215	2.24E-06	2.21E-06	2.15E-06
2230	494911.06, 3859851.99	0.1703	2.22E-06	2.19E-06	2.12E-06
2231	494961.06, 3859851.99	0.16886	2.20E-06	2.17E-06	2.11E-06
2232	495011.06, 3859851.99	0.16738	2.18E-06	2.15E-06	2.09E-06
2233	495061.06, 3859851.99	0.16616	2.16E-06	2.13E-06	2.07E-06
2234	495111.06, 3859851.99	0.16427	2.14E-06	2.11E-06	2.05E-06
2235	495161.06, 3859851.99	0.1627	2.12E-06	2.09E-06	2.03E-06
2236	495211.06, 3859851.99	0.16124	2.10E-06	2.07E-06	2.01E-06

2237	495261.06, 3859851.99	0.15968	2.08E-06	2.05E-06	1.99E-06
2238	495311.06, 3859851.99	0.15843	2.06E-06	2.03E-06	1.98E-06
2239	495361.06, 3859851.99	0.15702	2.04E-06	2.02E-06	1.96E-06
2240	495411.06, 3859851.99	0.15526	2.02E-06	1.99E-06	1.94E-06
2241	495461.06, 3859851.99	0.15355	2.00E-06	1.97E-06	1.92E-06
2242	495511.06, 3859851.99	0.15162	1.97E-06	1.95E-06	1.89E-06
2243	495561.06, 3859851.99	0.15058	1.96E-06	1.93E-06	1.88E-06
2244	495611.06, 3859851.99	0.14944	1.94E-06	1.92E-06	1.86E-06
2245	495661.06, 3859851.99	0.14759	1.92E-06	1.90E-06	1.84E-06
2246	494311.06, 3859901.99	0.18484	2.41E-06	2.37E-06	2.31E-06
2247	494361.06, 3859901.99	0.18216	2.37E-06	2.34E-06	2.27E-06
2248	494411.06, 3859901.99	0.18124	2.36E-06	2.33E-06	2.26E-06
2249	494461.06, 3859901.99	0.17969	2.34E-06	2.31E-06	2.24E-06
2250	494511.06, 3859901.99	0.17864	2.32E-06	2.29E-06	2.23E-06
2251	494561.06, 3859901.99	0.17863	2.32E-06	2.29E-06	2.23E-06
2252	494611.06, 3859901.99	0.17559	2.29E-06	2.26E-06	2.19E-06
2253	494661.06, 3859901.99	0.17531	2.28E-06	2.25E-06	2.19E-06
2254	494711.06, 3859901.99	0.17236	2.24E-06	2.21E-06	2.15E-06
2255	494761.06, 3859901.99	0.17172	2.23E-06	2.21E-06	2.14E-06
2256	494811.06, 3859901.99	0.17106	2.23E-06	2.20E-06	2.13E-06
2257	494861.06, 3859901.99	0.16995	2.21E-06	2.18E-06	2.12E-06
2258	494911.06, 3859901.99	0.16821	2.19E-06	2.16E-06	2.10E-06
2259	494961.06, 3859901.99	0.16703	2.17E-06	2.15E-06	2.08E-06
2260	495011.06, 3859901.99	0.16544	2.15E-06	2.12E-06	2.06E-06
2261	495061.06, 3859901.99	0.16402	2.13E-06	2.11E-06	2.05E-06
2262	495111.06, 3859901.99	0.16226	2.11E-06	2.08E-06	2.02E-06
2263	495161.06, 3859901.99	0.1606	2.09E-06	2.06E-06	2.00E-06
2264	495211.06, 3859901.99	0.15957	2.08E-06	2.05E-06	1.99E-06
2265	495261.06, 3859901.99	0.15765	2.05E-06	2.02E-06	1.97E-06
2266	495311.06, 3859901.99	0.15665	2.04E-06	2.01E-06	1.95E-06
2267	495361.06, 3859901.99	0.15517	2.02E-06	1.99E-06	1.94E-06
2268	495411.06, 3859901.99	0.15347	2.00E-06	1.97E-06	1.91E-06
2269	495461.06, 3859901.99	0.15195	1.98E-06	1.95E-06	1.90E-06
2270	495511.06, 3859901.99	0.15086	1.96E-06	1.94E-06	1.88E-06
2271	495561.06, 3859901.99	0.14976	1.95E-06	1.92E-06	1.87E-06
2272	495611.06, 3859901.99	0.14815	1.93E-06	1.90E-06	1.85E-06
2273	495661.06, 3859901.99	0.14644	1.91E-06	1.88E-06	1.83E-06
2274	494311.06, 3859951.99	0.18145	2.36E-06	2.33E-06	2.26E-06
2275	494361.06, 3859951.99	0.17964	2.34E-06	2.31E-06	2.24E-06
2276	494411.06, 3859951.99	0.17797	2.32E-06	2.29E-06	2.22E-06
2277	494461.06, 3859951.99	0.17655	2.30E-06	2.27E-06	2.20E-06
2278	494511.06, 3859951.99	0.17557	2.28E-06	2.25E-06	2.19E-06
2279	494561.06, 3859951.99	0.17571	2.29E-06	2.26E-06	2.19E-06
2280	494611.06, 3859951.99	0.17322	2.25E-06	2.22E-06	2.16E-06
2281	494661.06, 3859951.99	0.17274	2.25E-06	2.22E-06	2.15E-06
2282	494711.06, 3859951.99	0.1704	2.22E-06	2.19E-06	2.13E-06
2283	494761.06, 3859951.99	0.1694	2.20E-06	2.18E-06	2.11E-06
2284	494811.06, 3859951.99	0.16824	2.19E-06	2.16E-06	2.10E-06
2285	494861.06, 3859951.99	0.16745	2.18E-06	2.15E-06	2.09E-06
2286	494911.06, 3859951.99	0.16577	2.16E-06	2.13E-06	2.07E-06
2287	494961.06, 3859951.99	0.16421	2.14E-06	2.11E-06	2.05E-06
2288	495011.06, 3859951.99	0.16278	2.12E-06	2.09E-06	2.03E-06
2289	495061.06, 3859951.99	0.16159	2.10E-06	2.08E-06	2.02E-06
2290	495111.06, 3859951.99	0.15999	2.08E-06	2.05E-06	2.00E-06
2291	495161.06, 3859951.99	0.15841	2.06E-06	2.03E-06	1.98E-06
2292	495211.06, 3859951.99	0.15685	2.04E-06	2.01E-06	1.96E-06

2293	495261.06, 3859951.99	0.15554	2.02E-06	2.00E-06	1.94E-06
2294	495311.06, 3859951.99	0.15469	2.01E-06	1.99E-06	1.93E-06
2295	495361.06, 3859951.99	0.1535	2.00E-06	1.97E-06	1.91E-06
2296	495411.06, 3859951.99	0.15195	1.98E-06	1.95E-06	1.90E-06
2297	495461.06, 3859951.99	0.15054	1.96E-06	1.93E-06	1.88E-06
2298	495511.06, 3859951.99	0.14911	1.94E-06	1.92E-06	1.86E-06
2299	495561.06, 3859951.99	0.1484	1.93E-06	1.91E-06	1.85E-06
2300	495611.06, 3859951.99	0.14689	1.91E-06	1.89E-06	1.83E-06
2301	495661.06, 3859951.99	0.14515	1.89E-06	1.86E-06	1.81E-06
2302	494311.06, 3860001.99	0.17782	2.31E-06	2.28E-06	2.22E-06
2303	494361.06, 3860001.99	0.17643	2.30E-06	2.27E-06	2.20E-06
2304	494411.06, 3860001.99	0.17449	2.27E-06	2.24E-06	2.18E-06
2305	494461.06, 3860001.99	0.17344	2.26E-06	2.23E-06	2.16E-06
2306	494511.06, 3860001.99	0.17187	2.24E-06	2.21E-06	2.14E-06
2307	494561.06, 3860001.99	0.17238	2.24E-06	2.21E-06	2.15E-06
2308	494611.06, 3860001.99	0.17075	2.22E-06	2.19E-06	2.13E-06
2309	494661.06, 3860001.99	0.16966	2.21E-06	2.18E-06	2.12E-06
2310	494711.06, 3860001.99	0.16683	2.17E-06	2.14E-06	2.08E-06
2311	494761.06, 3860001.99	0.16663	2.17E-06	2.14E-06	2.08E-06
2312	494811.06, 3860001.99	0.16568	2.16E-06	2.13E-06	2.07E-06
2313	494861.06, 3860001.99	0.16485	2.15E-06	2.12E-06	2.06E-06
2314	494911.06, 3860001.99	0.16226	2.11E-06	2.08E-06	2.02E-06
2315	494961.06, 3860001.99	0.16139	2.10E-06	2.07E-06	2.01E-06
2316	495011.06, 3860001.99	0.15992	2.08E-06	2.05E-06	1.99E-06
2317	495061.06, 3860001.99	0.15911	2.07E-06	2.04E-06	1.98E-06
2318	495111.06, 3860001.99	0.15759	2.05E-06	2.02E-06	1.97E-06
2319	495161.06, 3860001.99	0.15608	2.03E-06	2.00E-06	1.95E-06
2320	495211.06, 3860001.99	0.15524	2.02E-06	1.99E-06	1.94E-06
2321	495261.06, 3860001.99	0.15383	2.00E-06	1.98E-06	1.92E-06
2322	495311.06, 3860001.99	0.15275	1.99E-06	1.96E-06	1.91E-06
2323	495361.06, 3860001.99	0.15087	1.96E-06	1.94E-06	1.88E-06
2324	495411.06, 3860001.99	0.15023	1.96E-06	1.93E-06	1.87E-06
2325	495461.06, 3860001.99	0.14897	1.94E-06	1.91E-06	1.86E-06
2326	495511.06, 3860001.99	0.14775	1.92E-06	1.90E-06	1.84E-06
2327	495561.06, 3860001.99	0.14688	1.91E-06	1.89E-06	1.83E-06
2328	495611.06, 3860001.99	0.14538	1.89E-06	1.87E-06	1.81E-06
2329	495661.06, 3860001.99	0.14392	1.87E-06	1.85E-06	1.79E-06
2330	494411.06, 3860051.99	0.17132	2.23E-06	2.20E-06	2.14E-06
2331	494461.06, 3860051.99	0.17	2.21E-06	2.18E-06	2.12E-06
2332	494511.06, 3860051.99	0.16877	2.20E-06	2.17E-06	2.10E-06
2333	494561.06, 3860051.99	0.16841	2.19E-06	2.16E-06	2.10E-06
2334	494611.06, 3860051.99	0.1675	2.18E-06	2.15E-06	2.09E-06
2335	494661.06, 3860051.99	0.16645	2.17E-06	2.14E-06	2.08E-06
2336	494711.06, 3860051.99	0.16465	2.14E-06	2.11E-06	2.05E-06
2337	494761.06, 3860051.99	0.16368	2.13E-06	2.10E-06	2.04E-06
2338	494811.06, 3860051.99	0.16303	2.12E-06	2.09E-06	2.03E-06
2339	494861.06, 3860051.99	0.16225	2.11E-06	2.08E-06	2.02E-06
2340	494911.06, 3860051.99	0.16074	2.09E-06	2.06E-06	2.00E-06
2341	494961.06, 3860051.99	0.15915	2.07E-06	2.04E-06	1.98E-06
2342	495011.06, 3860051.99	0.1577	2.05E-06	2.03E-06	1.97E-06
2343	495061.06, 3860051.99	0.15647	2.04E-06	2.01E-06	1.95E-06
2344	495111.06, 3860051.99	0.1549	2.02E-06	1.99E-06	1.93E-06
2345	495161.06, 3860051.99	0.1537	2.00E-06	1.97E-06	1.92E-06
2346	495211.06, 3860051.99	0.15235	1.98E-06	1.96E-06	1.90E-06
2347	495261.06, 3860051.99	0.15134	1.97E-06	1.94E-06	1.89E-06
2348	495311.06, 3860051.99	0.15045	1.96E-06	1.93E-06	1.88E-06

2349	495361.06, 3860051.99	0.1494	1.94E-06	1.92E-06	1.86E-06
2350	495411.06, 3860051.99	0.14826	1.93E-06	1.90E-06	1.85E-06
2351	495461.06, 3860051.99	0.147	1.91E-06	1.89E-06	1.83E-06
2352	495511.06, 3860051.99	0.14604	1.90E-06	1.88E-06	1.82E-06
2353	495561.06, 3860051.99	0.14491	1.89E-06	1.86E-06	1.81E-06
2354	495611.06, 3860051.99	0.1437	1.87E-06	1.85E-06	1.79E-06
2355	495661.06, 3860051.99	0.14221	1.85E-06	1.83E-06	1.77E-06
2356	494411.06, 3860101.99	0.16715	2.18E-06	2.15E-06	2.08E-06
2357	494461.06, 3860101.99	0.16665	2.17E-06	2.14E-06	2.08E-06
2358	494511.06, 3860101.99	0.16508	2.15E-06	2.12E-06	2.06E-06
2359	494561.06, 3860101.99	0.16431	2.14E-06	2.11E-06	2.05E-06
2360	494611.06, 3860101.99	0.16383	2.13E-06	2.10E-06	2.04E-06
2361	494661.06, 3860101.99	0.16294	2.12E-06	2.09E-06	2.03E-06
2362	494711.06, 3860101.99	0.16145	2.10E-06	2.07E-06	2.01E-06
2363	494761.06, 3860101.99	0.1605	2.09E-06	2.06E-06	2.00E-06
2364	494811.06, 3860101.99	0.15958	2.08E-06	2.05E-06	1.99E-06
2365	494861.06, 3860101.99	0.15935	2.07E-06	2.05E-06	1.99E-06
2366	494911.06, 3860101.99	0.15715	2.05E-06	2.02E-06	1.96E-06
2367	494961.06, 3860101.99	0.15614	2.03E-06	2.01E-06	1.95E-06
2368	495011.06, 3860101.99	0.15482	2.01E-06	1.99E-06	1.93E-06
2369	495061.06, 3860101.99	0.15357	2.00E-06	1.97E-06	1.92E-06
2370	495111.06, 3860101.99	0.15208	1.98E-06	1.95E-06	1.90E-06
2371	495161.06, 3860101.99	0.15117	1.97E-06	1.94E-06	1.89E-06
2372	495211.06, 3860101.99	0.15006	1.95E-06	1.93E-06	1.87E-06
2373	495261.06, 3860101.99	0.14894	1.94E-06	1.91E-06	1.86E-06
2374	495311.06, 3860101.99	0.14793	1.93E-06	1.90E-06	1.84E-06
2375	495361.06, 3860101.99	0.1471	1.91E-06	1.89E-06	1.83E-06
2376	495411.06, 3860101.99	0.14598	1.90E-06	1.87E-06	1.82E-06
2377	495461.06, 3860101.99	0.14454	1.88E-06	1.86E-06	1.80E-06
2378	495511.06, 3860101.99	0.14375	1.87E-06	1.85E-06	1.79E-06
2379	495561.06, 3860101.99	0.14294	1.86E-06	1.84E-06	1.78E-06
2380	495611.06, 3860101.99	0.1415	1.84E-06	1.82E-06	1.76E-06
2381	495661.06, 3860101.99	0.14046	1.83E-06	1.80E-06	1.75E-06
2382	494861.06, 3860151.99	0.15602	2.03E-06	2.00E-06	1.95E-06
2383	494911.06, 3860151.99	0.15421	2.01E-06	1.98E-06	1.92E-06
2384	494961.06, 3860151.99	0.15307	1.99E-06	1.97E-06	1.91E-06
2385	495011.06, 3860151.99	0.15187	1.98E-06	1.95E-06	1.89E-06
2386	495061.06, 3860151.99	0.15068	1.96E-06	1.94E-06	1.88E-06
2387	495111.06, 3860151.99	0.14961	1.95E-06	1.92E-06	1.87E-06
2388	495161.06, 3860151.99	0.14861	1.93E-06	1.91E-06	1.85E-06
2389	495211.06, 3860151.99	0.14752	1.92E-06	1.89E-06	1.84E-06
2390	495261.06, 3860151.99	0.14656	1.91E-06	1.88E-06	1.83E-06
2391	495311.06, 3860151.99	0.14559	1.89E-06	1.87E-06	1.82E-06
2392	495361.06, 3860151.99	0.14466	1.88E-06	1.86E-06	1.80E-06
2393	495411.06, 3860151.99	0.14364	1.87E-06	1.84E-06	1.79E-06
2394	495461.06, 3860151.99	0.14265	1.86E-06	1.83E-06	1.78E-06
2395	495511.06, 3860151.99	0.14153	1.84E-06	1.82E-06	1.77E-06
2396	495561.06, 3860151.99	0.14063	1.83E-06	1.81E-06	1.75E-06
2397	495611.06, 3860151.99	0.13953	1.82E-06	1.79E-06	1.74E-06
2398	495661.06, 3860151.99	0.13836	1.80E-06	1.78E-06	1.73E-06
2399	495718.25, 3859442.96	0.14197	1.85E-06	1.82E-06	1.77E-06
2400	495818.25, 3859442.96	0.13801	1.80E-06	1.77E-06	1.72E-06
2401	495918.25, 3859442.96	0.13514	1.76E-06	1.74E-06	1.69E-06
2402	496018.25, 3859442.96	0.13271	1.73E-06	1.70E-06	1.66E-06
2403	496118.25, 3859442.96	0.13352	1.74E-06	1.71E-06	1.67E-06
2404	496218.25, 3859442.96	0.13383	1.74E-06	1.72E-06	1.67E-06

2405	496318.25, 3859442.96	0.1317	1.71E-06	1.69E-06	1.64E-06
2406	496418.25, 3859442.96	0.12942	1.68E-06	1.66E-06	1.61E-06
2407	495718.25, 3859542.96	0.14454	1.88E-06	1.86E-06	1.80E-06
2408	495818.25, 3859542.96	0.1416	1.84E-06	1.82E-06	1.77E-06
2409	495918.25, 3859542.96	0.13809	1.80E-06	1.77E-06	1.72E-06
2410	496018.25, 3859542.96	0.13515	1.76E-06	1.74E-06	1.69E-06
2411	496118.25, 3859542.96	0.13575	1.77E-06	1.74E-06	1.69E-06
2412	496218.25, 3859542.96	0.13537	1.76E-06	1.74E-06	1.69E-06
2413	496318.25, 3859542.96	0.13434	1.75E-06	1.73E-06	1.68E-06
2414	496418.25, 3859542.96	0.13136	1.71E-06	1.69E-06	1.64E-06
2415	495718.25, 3859642.96	0.14534	1.89E-06	1.87E-06	1.81E-06
2416	495818.25, 3859642.96	0.14204	1.85E-06	1.82E-06	1.77E-06
2417	495918.25, 3859642.96	0.13984	1.82E-06	1.80E-06	1.74E-06
2418	496018.25, 3859642.96	0.13697	1.78E-06	1.76E-06	1.71E-06
2419	496118.25, 3859642.96	0.13788	1.79E-06	1.77E-06	1.72E-06
2420	496218.25, 3859642.96	0.13771	1.79E-06	1.77E-06	1.72E-06
2421	496318.25, 3859642.96	0.13532	1.76E-06	1.74E-06	1.69E-06
2422	496418.25, 3859642.96	0.12786	1.66E-06	1.64E-06	1.59E-06
2423	495718.25, 3859742.96	0.1468	1.91E-06	1.89E-06	1.83E-06
2424	495818.25, 3859742.96	0.14311	1.86E-06	1.84E-06	1.78E-06
2425	495918.25, 3859742.96	0.14038	1.83E-06	1.80E-06	1.75E-06
2426	496018.25, 3859742.96	0.13748	1.79E-06	1.77E-06	1.71E-06
2427	496118.25, 3859742.96	0.13774	1.79E-06	1.77E-06	1.72E-06
2428	496218.25, 3859742.96	0.13846	1.80E-06	1.78E-06	1.73E-06
2429	496318.25, 3859742.96	0.13244	1.72E-06	1.70E-06	1.65E-06
2430	496418.25, 3859742.96	0.12704	1.65E-06	1.63E-06	1.58E-06
2431	495718.25, 3859842.96	0.14619	1.90E-06	1.88E-06	1.82E-06
2432	495818.25, 3859842.96	0.14344	1.87E-06	1.84E-06	1.79E-06
2433	495918.25, 3859842.96	0.14066	1.83E-06	1.81E-06	1.75E-06
2434	496018.25, 3859842.96	0.13887	1.81E-06	1.78E-06	1.73E-06
2435	496118.25, 3859842.96	0.13971	1.82E-06	1.79E-06	1.74E-06
2436	496218.25, 3859842.96	0.13448	1.75E-06	1.73E-06	1.68E-06
2437	496318.25, 3859842.96	0.12446	1.62E-06	1.60E-06	1.55E-06
2438	496418.25, 3859842.96	0.11773	1.53E-06	1.51E-06	1.47E-06
2439	495718.25, 3859942.96	0.14419	1.88E-06	1.85E-06	1.80E-06
2440	495818.25, 3859942.96	0.14147	1.84E-06	1.82E-06	1.76E-06
2441	495918.25, 3859942.96	0.13943	1.81E-06	1.79E-06	1.74E-06
2442	496018.25, 3859942.96	0.13897	1.81E-06	1.78E-06	1.73E-06
2443	496118.25, 3859942.96	0.13513	1.76E-06	1.74E-06	1.69E-06
2444	496218.25, 3859942.96	0.12903	1.68E-06	1.66E-06	1.61E-06
2445	496318.25, 3859942.96	0.12253	1.59E-06	1.57E-06	1.53E-06
2446	496418.25, 3859942.96	0.11372	1.48E-06	1.46E-06	1.42E-06
2447	496856.82, 3858864.83	0.10373	1.35E-06	1.33E-06	1.29E-06
2448	496956.82, 3858864.83	0.10147	1.32E-06	1.30E-06	1.27E-06
2449	497056.82, 3858864.83	0.09933	1.29E-06	1.28E-06	1.24E-06
2450	497156.82, 3858864.83	0.09678	1.26E-06	1.24E-06	1.21E-06
2451	497256.82, 3858864.83	0.09569	1.25E-06	1.23E-06	1.19E-06
2452	496856.82, 3858964.83	0.10613	1.38E-06	1.36E-06	1.32E-06
2453	496956.82, 3858964.83	0.10302	1.34E-06	1.32E-06	1.28E-06
2454	497056.82, 3858964.83	0.10064	1.31E-06	1.29E-06	1.26E-06
2455	497156.82, 3858964.83	0.09826	1.28E-06	1.26E-06	1.23E-06
2456	497256.82, 3858964.83	0.09876	1.29E-06	1.27E-06	1.23E-06
2457	496856.82, 3859064.83	0.107	1.39E-06	1.37E-06	1.33E-06
2458	496956.82, 3859064.83	0.10434	1.36E-06	1.34E-06	1.30E-06
2459	497056.82, 3859064.83	0.10215	1.33E-06	1.31E-06	1.27E-06
2460	497156.82, 3859064.83	0.10025	1.30E-06	1.29E-06	1.25E-06

2461	497256.82, 3859064.83	0.10181	1.32E-06	1.31E-06	1.27E-06
2462	496856.82, 3859164.83	0.10676	1.39E-06	1.37E-06	1.33E-06
2463	496956.82, 3859164.83	0.10389	1.35E-06	1.33E-06	1.30E-06
2464	497056.82, 3859164.83	0.10251	1.33E-06	1.32E-06	1.28E-06
2465	497156.82, 3859164.83	0.10275	1.34E-06	1.32E-06	1.28E-06
2466	497256.82, 3859164.83	0.105	1.37E-06	1.35E-06	1.31E-06
2467	496856.82, 3859264.83	0.10571	1.38E-06	1.36E-06	1.32E-06
2468	496956.82, 3859264.83	0.10489	1.36E-06	1.35E-06	1.31E-06
2469	497056.82, 3859264.83	0.10532	1.37E-06	1.35E-06	1.31E-06
2470	497156.82, 3859264.83	0.10548	1.37E-06	1.35E-06	1.32E-06
2471	497256.82, 3859264.83	0.10722	1.40E-06	1.38E-06	1.34E-06
2472	497088.92, 3858620.93	0.0932	1.21E-06	1.20E-06	1.16E-06
2473	497138.92, 3858620.93	0.09275	1.21E-06	1.19E-06	1.16E-06
2474	497188.92, 3858620.93	0.09155	1.19E-06	1.18E-06	1.14E-06
2475	497238.92, 3858620.93	0.09076	1.18E-06	1.17E-06	1.13E-06
2476	497088.92, 3858670.93	0.09311	1.21E-06	1.20E-06	1.16E-06
2477	497138.92, 3858670.93	0.09318	1.21E-06	1.20E-06	1.16E-06
2478	497188.92, 3858670.93	0.09203	1.20E-06	1.18E-06	1.15E-06
2479	497238.92, 3858670.93	0.09156	1.19E-06	1.18E-06	1.14E-06
2480	497088.92, 3858720.93	0.09515	1.24E-06	1.22E-06	1.19E-06
2481	497138.92, 3858720.93	0.0925	1.20E-06	1.19E-06	1.15E-06
2482	497188.92, 3858720.93	0.09169	1.19E-06	1.18E-06	1.14E-06
2483	497238.92, 3858720.93	0.09259	1.20E-06	1.19E-06	1.15E-06
2484	497088.92, 3858770.93	0.09559	1.24E-06	1.23E-06	1.19E-06
2485	497138.92, 3858770.93	0.09428	1.23E-06	1.21E-06	1.18E-06
2486	497188.92, 3858770.93	0.09337	1.22E-06	1.20E-06	1.16E-06
2487	497238.92, 3858770.93	0.0936	1.22E-06	1.20E-06	1.17E-06
2488	497396.65, 3858622.63	0.09347	1.22E-06	1.20E-06	1.17E-06
2489	497496.65, 3858622.63	0.09491	1.24E-06	1.22E-06	1.18E-06
2490	497596.65, 3858622.63	0.09831	1.28E-06	1.26E-06	1.23E-06
2491	497696.65, 3858622.63	0.09881	1.29E-06	1.27E-06	1.23E-06
2492	497796.65, 3858622.63	0.10073	1.31E-06	1.29E-06	1.26E-06
2493	497896.65, 3858622.63	0.10273	1.34E-06	1.32E-06	1.28E-06
2494	497396.65, 3858722.63	0.09614	1.25E-06	1.23E-06	1.20E-06
2495	497496.65, 3858722.63	0.09772	1.27E-06	1.26E-06	1.22E-06
2496	497596.65, 3858722.63	0.10102	1.31E-06	1.30E-06	1.26E-06
2497	497696.65, 3858722.63	0.10263	1.34E-06	1.32E-06	1.28E-06
2498	497796.65, 3858722.63	0.10315	1.34E-06	1.32E-06	1.29E-06
2499	497896.65, 3858722.63	0.10437	1.36E-06	1.34E-06	1.30E-06
2500	497396.65, 3858822.63	0.09757	1.27E-06	1.25E-06	1.22E-06
2501	497496.65, 3858822.63	0.0989	1.29E-06	1.27E-06	1.23E-06
2502	497596.65, 3858822.63	0.10318	1.34E-06	1.33E-06	1.29E-06
2503	497696.65, 3858822.63	0.10408	1.35E-06	1.34E-06	1.30E-06
2504	497796.65, 3858822.63	0.10473	1.36E-06	1.35E-06	1.31E-06
2505	497896.65, 3858822.63	0.10735	1.40E-06	1.38E-06	1.34E-06
2506	497396.65, 3858922.63	0.09914	1.29E-06	1.27E-06	1.24E-06
2507	497496.65, 3858922.63	0.10262	1.34E-06	1.32E-06	1.28E-06
2508	497596.65, 3858922.63	0.10196	1.33E-06	1.31E-06	1.27E-06
2509	497696.65, 3858922.63	0.10632	1.38E-06	1.37E-06	1.33E-06
2510	497796.65, 3858922.63	0.10809	1.41E-06	1.39E-06	1.35E-06
2511	497896.65, 3858922.63	0.11185	1.46E-06	1.44E-06	1.40E-06
2512	497364.44, 3858201.52	0.08853	1.15E-06	1.14E-06	1.10E-06
2513	497414.44, 3858201.52	0.0893	1.16E-06	1.15E-06	1.11E-06
2514	497464.44, 3858201.52	0.0898	1.17E-06	1.15E-06	1.12E-06
2515	497514.44, 3858201.52	0.08962	1.17E-06	1.15E-06	1.12E-06
2516	497564.44, 3858201.52	0.08894	1.16E-06	1.14E-06	1.11E-06

2517	497614.44, 3858201.52	0.08881	1.16E-06	1.14E-06	1.11E-06
2518	497364.44, 3858251.52	0.09011	1.17E-06	1.16E-06	1.12E-06
2519	497414.44, 3858251.52	0.09106	1.19E-06	1.17E-06	1.14E-06
2520	497464.44, 3858251.52	0.08998	1.17E-06	1.16E-06	1.12E-06
2521	497514.44, 3858251.52	0.08873	1.15E-06	1.14E-06	1.11E-06
2522	497564.44, 3858251.52	0.08814	1.15E-06	1.13E-06	1.10E-06
2523	497614.44, 3858251.52	0.08756	1.14E-06	1.12E-06	1.09E-06
2524	497364.44, 3858301.52	0.09037	1.18E-06	1.16E-06	1.13E-06
2525	497414.44, 3858301.52	0.0909	1.18E-06	1.17E-06	1.13E-06
2526	497464.44, 3858301.52	0.08959	1.17E-06	1.15E-06	1.12E-06
2527	497514.44, 3858301.52	0.08863	1.15E-06	1.14E-06	1.11E-06
2528	497564.44, 3858301.52	0.08732	1.14E-06	1.12E-06	1.09E-06
2529	497614.44, 3858301.52	0.08669	1.13E-06	1.11E-06	1.08E-06
2530	497364.44, 3858351.52	0.09102	1.18E-06	1.17E-06	1.14E-06
2531	497414.44, 3858351.52	0.09006	1.17E-06	1.16E-06	1.12E-06
2532	497464.44, 3858351.52	0.08949	1.16E-06	1.15E-06	1.12E-06
2533	497514.44, 3858351.52	0.08865	1.15E-06	1.14E-06	1.11E-06
2534	497564.44, 3858351.52	0.0871	1.13E-06	1.12E-06	1.09E-06
2535	497614.44, 3858351.52	0.08651	1.13E-06	1.11E-06	1.08E-06
2536	497364.44, 3858401.52	0.09025	1.17E-06	1.16E-06	1.13E-06
2537	497414.44, 3858401.52	0.08966	1.17E-06	1.15E-06	1.12E-06
2538	497464.44, 3858401.52	0.08865	1.15E-06	1.14E-06	1.11E-06
2539	497514.44, 3858401.52	0.08797	1.14E-06	1.13E-06	1.10E-06
2540	497564.44, 3858401.52	0.08859	1.15E-06	1.14E-06	1.10E-06
2541	497614.44, 3858401.52	0.08933	1.16E-06	1.15E-06	1.11E-06
2542	493478.11, 3860497.94	0.14929	1.94E-06	1.92E-06	1.86E-06
2543	493528.11, 3860497.94	0.14848	1.93E-06	1.91E-06	1.85E-06
2544	493478.11, 3860547.94	0.14479	1.88E-06	1.86E-06	1.81E-06
2545	493528.11, 3860547.94	0.14393	1.87E-06	1.85E-06	1.80E-06
2546	493478.11, 3860597.94	0.14052	1.83E-06	1.80E-06	1.75E-06
2547	493528.11, 3860597.94	0.13968	1.82E-06	1.79E-06	1.74E-06
2548	493561.88, 3860524.64	0.14554	1.89E-06	1.87E-06	1.82E-06
2549	493591.88, 3860524.64	0.14518	1.89E-06	1.86E-06	1.81E-06
2550	493561.88, 3860554.64	0.14285	1.86E-06	1.83E-06	1.78E-06
2551	493591.88, 3860554.64	0.14259	1.86E-06	1.83E-06	1.78E-06
2552	492880.5, 3860293.11	0.1813	2.36E-06	2.33E-06	2.26E-06
2553	492930.5, 3860293.11	0.18042	2.35E-06	2.32E-06	2.25E-06
2554	492980.5, 3860293.11	0.17957	2.34E-06	2.31E-06	2.24E-06
2555	493030.5, 3860293.11	0.17925	2.33E-06	2.30E-06	2.24E-06
2556	493080.5, 3860293.11	0.1785	2.32E-06	2.29E-06	2.23E-06
2557	493130.5, 3860293.11	0.17739	2.31E-06	2.28E-06	2.21E-06
2558	493180.5, 3860293.11	0.17584	2.29E-06	2.26E-06	2.19E-06
2559	493230.5, 3860293.11	0.1747	2.27E-06	2.24E-06	2.18E-06
2560	493280.5, 3860293.11	0.17414	2.27E-06	2.24E-06	2.17E-06
2561	493330.5, 3860293.11	0.17324	2.25E-06	2.23E-06	2.16E-06
2562	493380.5, 3860293.11	0.17228	2.24E-06	2.21E-06	2.15E-06
2563	492880.5, 3860343.11	0.17503	2.28E-06	2.25E-06	2.18E-06
2564	492930.5, 3860343.11	0.17418	2.27E-06	2.24E-06	2.17E-06
2565	492980.5, 3860343.11	0.17415	2.27E-06	2.24E-06	2.17E-06
2566	493030.5, 3860343.11	0.17314	2.25E-06	2.22E-06	2.16E-06
2567	493080.5, 3860343.11	0.17289	2.25E-06	2.22E-06	2.16E-06
2568	493130.5, 3860343.11	0.17166	2.23E-06	2.20E-06	2.14E-06
2569	493180.5, 3860343.11	0.1701	2.21E-06	2.18E-06	2.12E-06
2570	493230.5, 3860343.11	0.16906	2.20E-06	2.17E-06	2.11E-06
2571	493280.5, 3860343.11	0.16849	2.19E-06	2.16E-06	2.10E-06
2572	493330.5, 3860343.11	0.1678	2.18E-06	2.16E-06	2.09E-06

2573	493380.5, 3860343.11	0.16693	2.17E-06	2.14E-06	2.08E-06
2574	492880.5, 3860393.11	0.16897	2.20E-06	2.17E-06	2.11E-06
2575	492930.5, 3860393.11	0.16843	2.19E-06	2.16E-06	2.10E-06
2576	492980.5, 3860393.11	0.1681	2.19E-06	2.16E-06	2.10E-06
2577	493030.5, 3860393.11	0.16747	2.18E-06	2.15E-06	2.09E-06
2578	493080.5, 3860393.11	0.1672	2.18E-06	2.15E-06	2.09E-06
2579	493130.5, 3860393.11	0.16598	2.16E-06	2.13E-06	2.07E-06
2580	493180.5, 3860393.11	0.16457	2.14E-06	2.11E-06	2.05E-06
2581	493230.5, 3860393.11	0.1637	2.13E-06	2.10E-06	2.04E-06
2582	493280.5, 3860393.11	0.16318	2.12E-06	2.10E-06	2.04E-06
2583	493330.5, 3860393.11	0.16248	2.11E-06	2.09E-06	2.03E-06
2584	493380.5, 3860393.11	0.16166	2.10E-06	2.08E-06	2.02E-06
2585	492880.5, 3860443.11	0.1634	2.13E-06	2.10E-06	2.04E-06
2586	492930.5, 3860443.11	0.16257	2.12E-06	2.09E-06	2.03E-06
2587	492980.5, 3860443.11	0.16226	2.11E-06	2.08E-06	2.02E-06
2588	493030.5, 3860443.11	0.16186	2.11E-06	2.08E-06	2.02E-06
2589	493080.5, 3860443.11	0.16109	2.10E-06	2.07E-06	2.01E-06
2590	493130.5, 3860443.11	0.16032	2.09E-06	2.06E-06	2.00E-06
2591	493180.5, 3860443.11	0.159	2.07E-06	2.04E-06	1.98E-06
2592	493230.5, 3860443.11	0.15865	2.06E-06	2.04E-06	1.98E-06
2593	493280.5, 3860443.11	0.15801	2.06E-06	2.03E-06	1.97E-06
2594	493330.5, 3860443.11	0.15749	2.05E-06	2.02E-06	1.96E-06
2595	493380.5, 3860443.11	0.15656	2.04E-06	2.01E-06	1.95E-06
2596	493180.5, 3860493.11	0.15416	2.01E-06	1.98E-06	1.92E-06
2597	493230.5, 3860493.11	0.15366	2.00E-06	1.97E-06	1.92E-06
2598	493280.5, 3860493.11	0.15315	1.99E-06	1.97E-06	1.91E-06
2599	493330.5, 3860493.11	0.1525	1.98E-06	1.96E-06	1.90E-06
2600	493380.5, 3860493.11	0.15161	1.97E-06	1.95E-06	1.89E-06
2601	493330.5, 3860543.11	0.14789	1.92E-06	1.90E-06	1.84E-06
2602	493380.5, 3860543.11	0.147	1.91E-06	1.89E-06	1.83E-06
2603	494135.94, 3860876.85	0.11315	1.47E-06	1.45E-06	1.41E-06
2604	494185.94, 3860876.85	0.1127	1.47E-06	1.45E-06	1.41E-06
2605	494135.94, 3860926.85	0.11002	1.43E-06	1.41E-06	1.37E-06
2606	494185.94, 3860926.85	0.10964	1.43E-06	1.41E-06	1.37E-06
2607	494135.94, 3860976.85	0.10713	1.39E-06	1.38E-06	1.34E-06
2608	494185.94, 3860976.85	0.10677	1.39E-06	1.37E-06	1.33E-06
2609	494135.94, 3861026.85	0.10431	1.36E-06	1.34E-06	1.30E-06
2610	494185.94, 3861026.85	0.10398	1.35E-06	1.34E-06	1.30E-06
2611	494135.94, 3861076.85	0.10165	1.32E-06	1.31E-06	1.27E-06
2612	494185.94, 3861076.85	0.10131	1.32E-06	1.30E-06	1.26E-06
2613	490360.04, 3858710.04	1.61155	2.10E-05	2.07E-05	2.01E-05
2614	490410.04, 3858710.04	1.57842	2.05E-05	2.03E-05	1.97E-05
2615	490460.04, 3858710.04	1.54259	2.01E-05	1.98E-05	1.92E-05
2616	490510.04, 3858710.04	1.51089	1.97E-05	1.94E-05	1.88E-05
2617	490560.04, 3858710.04	1.48171	1.93E-05	1.90E-05	1.85E-05
2618	490610.04, 3858710.04	1.45163	1.89E-05	1.86E-05	1.81E-05
2619	490660.04, 3858710.04	1.42701	1.86E-05	1.83E-05	1.78E-05
2620	490710.04, 3858710.04	1.39173	1.81E-05	1.79E-05	1.74E-05
2621	490760.04, 3858710.04	1.35763	1.77E-05	1.74E-05	1.69E-05
2622	490810.04, 3858710.04	1.32166	1.72E-05	1.70E-05	1.65E-05
2623	490860.04, 3858710.04	1.27838	1.66E-05	1.64E-05	1.59E-05
2624	490360.04, 3858760.04	1.50581	1.96E-05	1.93E-05	1.88E-05
2625	490410.04, 3858760.04	1.47016	1.91E-05	1.89E-05	1.83E-05
2626	490460.04, 3858760.04	1.43459	1.87E-05	1.84E-05	1.79E-05
2627	490510.04, 3858760.04	1.39848	1.82E-05	1.80E-05	1.74E-05
2628	490560.04, 3858760.04	1.36605	1.78E-05	1.75E-05	1.70E-05

2629	490610.04, 3858760.04	1.33241	1.73E-05	1.71E-05	1.66E-05
2630	490660.04, 3858760.04	1.30026	1.69E-05	1.67E-05	1.62E-05
2631	490710.04, 3858760.04	1.26738	1.65E-05	1.63E-05	1.58E-05
2632	490760.04, 3858760.04	1.22971	1.60E-05	1.58E-05	1.53E-05
2633	490810.04, 3858760.04	1.19258	1.55E-05	1.53E-05	1.49E-05
2634	490860.04, 3858760.04	1.15815	1.51E-05	1.49E-05	1.44E-05
2635	490360.04, 3858810.04	1.41487	1.84E-05	1.82E-05	1.76E-05
2636	490410.04, 3858810.04	1.37687	1.79E-05	1.77E-05	1.72E-05
2637	490460.04, 3858810.04	1.33952	1.74E-05	1.72E-05	1.67E-05
2638	490510.04, 3858810.04	1.30661	1.70E-05	1.68E-05	1.63E-05
2639	490560.04, 3858810.04	1.27359	1.66E-05	1.64E-05	1.59E-05
2640	490610.04, 3858810.04	1.23562	1.61E-05	1.59E-05	1.54E-05
2641	490660.04, 3858810.04	1.2016	1.56E-05	1.54E-05	1.50E-05
2642	490710.04, 3858810.04	1.16484	1.52E-05	1.50E-05	1.45E-05
2643	490760.04, 3858810.04	1.12101	1.46E-05	1.44E-05	1.40E-05
2644	490810.04, 3858810.04	1.09467	1.42E-05	1.41E-05	1.37E-05
2645	490860.04, 3858810.04	1.056	1.37E-05	1.36E-05	1.32E-05
2646	490360.04, 3858860.04	1.33101	1.73E-05	1.71E-05	1.66E-05
2647	490410.04, 3858860.04	1.29716	1.69E-05	1.67E-05	1.62E-05
2648	490460.04, 3858860.04	1.2571	1.64E-05	1.61E-05	1.57E-05
2649	490510.04, 3858860.04	1.22752	1.60E-05	1.58E-05	1.53E-05
2650	490560.04, 3858860.04	1.1915	1.55E-05	1.53E-05	1.49E-05
2651	490610.04, 3858860.04	1.14816	1.49E-05	1.47E-05	1.43E-05
2652	490660.04, 3858860.04	1.11475	1.45E-05	1.43E-05	1.39E-05
2653	490710.04, 3858860.04	1.08606	1.41E-05	1.39E-05	1.35E-05
2654	490760.04, 3858860.04	1.0445	1.36E-05	1.34E-05	1.30E-05
2655	490810.04, 3858860.04	1.0044	1.31E-05	1.29E-05	1.25E-05
2656	490860.04, 3858860.04	0.96388	1.25E-05	1.24E-05	1.20E-05
2657	490360.04, 3858910.04	1.26441	1.65E-05	1.62E-05	1.58E-05
2658	490410.04, 3858910.04	1.22715	1.60E-05	1.58E-05	1.53E-05
2659	490460.04, 3858910.04	1.18994	1.55E-05	1.53E-05	1.48E-05
2660	490510.04, 3858910.04	1.1524	1.50E-05	1.48E-05	1.44E-05
2661	490560.04, 3858910.04	1.11356	1.45E-05	1.43E-05	1.39E-05
2662	490610.04, 3858910.04	1.07427	1.40E-05	1.38E-05	1.34E-05
2663	490660.04, 3858910.04	1.04058	1.35E-05	1.34E-05	1.30E-05
2664	490710.04, 3858910.04	1.00298	1.31E-05	1.29E-05	1.25E-05
2665	490760.04, 3858910.04	0.95978	1.25E-05	1.23E-05	1.20E-05
2666	490810.04, 3858910.04	0.92678	1.21E-05	1.19E-05	1.16E-05
2667	490860.04, 3858910.04	0.88444	1.15E-05	1.14E-05	1.10E-05
2668	490360.04, 3858960.04	1.19737	1.56E-05	1.54E-05	1.49E-05
2669	490410.04, 3858960.04	1.15786	1.51E-05	1.49E-05	1.44E-05
2670	490460.04, 3858960.04	1.11775	1.45E-05	1.44E-05	1.39E-05
2671	490510.04, 3858960.04	1.08048	1.41E-05	1.39E-05	1.35E-05
2672	490560.04, 3858960.04	1.04407	1.36E-05	1.34E-05	1.30E-05
2673	490610.04, 3858960.04	1.00127	1.30E-05	1.29E-05	1.25E-05
2674	490660.04, 3858960.04	0.97489	1.27E-05	1.25E-05	1.22E-05
2675	490710.04, 3858960.04	0.93251	1.21E-05	1.20E-05	1.16E-05
2676	490760.04, 3858960.04	0.89411	1.16E-05	1.15E-05	1.12E-05
2677	490810.04, 3858960.04	0.85614	1.11E-05	1.10E-05	1.07E-05
2678	490860.04, 3858960.04	0.81379	1.06E-05	1.05E-05	1.01E-05
2679	490360.04, 3859010.04	1.13434	1.48E-05	1.46E-05	1.41E-05
2680	490410.04, 3859010.04	1.09341	1.42E-05	1.40E-05	1.36E-05
2681	490460.04, 3859010.04	1.04839	1.36E-05	1.35E-05	1.31E-05
2682	490510.04, 3859010.04	1.00452	1.31E-05	1.29E-05	1.25E-05
2683	490560.04, 3859010.04	0.97511	1.27E-05	1.25E-05	1.22E-05
2684	490610.04, 3859010.04	0.93317	1.21E-05	1.20E-05	1.16E-05

2685	490660.04, 3859010.04	0.9087	1.18E-05	1.17E-05	1.13E-05
2686	490710.04, 3859010.04	0.86599	1.13E-05	1.11E-05	1.08E-05
2687	490760.04, 3859010.04	0.82723	1.08E-05	1.06E-05	1.03E-05
2688	490810.04, 3859010.04	0.78885	1.03E-05	1.01E-05	9.84E-06
2689	490860.04, 3859010.04	0.75454	9.82E-06	9.69E-06	9.41E-06
2690	490360.04, 3859060.04	1.07242	1.40E-05	1.38E-05	1.34E-05
2691	490410.04, 3859060.04	1.024	1.33E-05	1.32E-05	1.28E-05
2692	490460.04, 3859060.04	0.98201	1.28E-05	1.26E-05	1.22E-05
2693	490510.04, 3859060.04	0.94443	1.23E-05	1.21E-05	1.18E-05
2694	490560.04, 3859060.04	0.90212	1.17E-05	1.16E-05	1.13E-05
2695	490610.04, 3859060.04	0.8712	1.13E-05	1.12E-05	1.09E-05
2696	490660.04, 3859060.04	0.84217	1.10E-05	1.08E-05	1.05E-05
2697	490710.04, 3859060.04	0.80046	1.04E-05	1.03E-05	9.98E-06
2698	490760.04, 3859060.04	0.76292	9.93E-06	9.80E-06	9.52E-06
2699	490810.04, 3859060.04	0.7255	9.44E-06	9.32E-06	9.05E-06
2700	490860.04, 3859060.04	0.69266	9.01E-06	8.90E-06	8.64E-06
2701	490360.04, 3859110.04	1.01782	1.32E-05	1.31E-05	1.27E-05
2702	490410.04, 3859110.04	0.97063	1.26E-05	1.25E-05	1.21E-05
2703	490460.04, 3859110.04	0.93384	1.22E-05	1.20E-05	1.16E-05
2704	490510.04, 3859110.04	0.8802	1.15E-05	1.13E-05	1.10E-05
2705	490560.04, 3859110.04	0.84303	1.10E-05	1.08E-05	1.05E-05
2706	490610.04, 3859110.04	0.80376	1.05E-05	1.03E-05	1.00E-05
2707	490660.04, 3859110.04	0.76137	9.91E-06	9.78E-06	9.50E-06
2708	490710.04, 3859110.04	0.73358	9.55E-06	9.42E-06	9.15E-06
2709	490760.04, 3859110.04	0.70043	9.12E-06	9.00E-06	8.74E-06
2710	490810.04, 3859110.04	0.66313	8.63E-06	8.52E-06	8.27E-06
2711	490860.04, 3859110.04	0.62809	8.17E-06	8.07E-06	7.83E-06
2712	490360.04, 3859160.04	0.96845	1.26E-05	1.24E-05	1.21E-05
2713	490410.04, 3859160.04	0.92467	1.20E-05	1.19E-05	1.15E-05
2714	490460.04, 3859160.04	0.8838	1.15E-05	1.14E-05	1.10E-05
2715	490510.04, 3859160.04	0.84259	1.10E-05	1.08E-05	1.05E-05
2716	490560.04, 3859160.04	0.79544	1.04E-05	1.02E-05	9.92E-06
2717	490610.04, 3859160.04	0.76162	9.91E-06	9.78E-06	9.50E-06
2718	490660.04, 3859160.04	0.7018	9.13E-06	9.01E-06	8.75E-06
2719	490710.04, 3859160.04	0.67374	8.77E-06	8.65E-06	8.40E-06
2720	490760.04, 3859160.04	0.63	8.20E-06	8.09E-06	7.86E-06
2721	490810.04, 3859160.04	0.60435	7.86E-06	7.76E-06	7.54E-06
2722	490860.04, 3859160.04	0.5777	7.52E-06	7.42E-06	7.21E-06
2723	490360.04, 3859210.04	0.92126	1.20E-05	1.18E-05	1.15E-05
2724	490410.04, 3859210.04	0.88933	1.16E-05	1.14E-05	1.11E-05
2725	490460.04, 3859210.04	0.83816	1.09E-05	1.08E-05	1.05E-05
2726	490510.04, 3859210.04	0.79615	1.04E-05	1.02E-05	9.93E-06
2727	490560.04, 3859210.04	0.76407	9.94E-06	9.81E-06	9.53E-06
2728	490610.04, 3859210.04	0.72448	9.43E-06	9.30E-06	9.04E-06
2729	490660.04, 3859210.04	0.67183	8.74E-06	8.63E-06	8.38E-06
2730	490710.04, 3859210.04	0.64008	8.33E-06	8.22E-06	7.98E-06
2731	490760.04, 3859210.04	0.59627	7.76E-06	7.66E-06	7.44E-06
2732	490810.04, 3859210.04	0.5847	7.61E-06	7.51E-06	7.29E-06
2733	490860.04, 3859210.04	0.57211	7.45E-06	7.35E-06	7.14E-06
2734	490360.04, 3859260.04	0.87259	1.14E-05	1.12E-05	1.09E-05
2735	490410.04, 3859260.04	0.83893	1.09E-05	1.08E-05	1.05E-05
2736	490460.04, 3859260.04	0.80956	1.05E-05	1.04E-05	1.01E-05
2737	490510.04, 3859260.04	0.78089	1.02E-05	1.00E-05	9.74E-06
2738	490560.04, 3859260.04	0.74384	9.68E-06	9.55E-06	9.28E-06
2739	490610.04, 3859260.04	0.69648	9.06E-06	8.95E-06	8.69E-06
2740	490660.04, 3859260.04	0.67857	8.83E-06	8.72E-06	8.46E-06

2741	490710.04, 3859260.04	0.65086	8.47E-06	8.36E-06	8.12E-06
2742	490760.04, 3859260.04	0.60655	7.89E-06	7.79E-06	7.56E-06
2743	490810.04, 3859260.04	0.58973	7.67E-06	7.57E-06	7.36E-06
2744	490860.04, 3859260.04	0.57349	7.46E-06	7.37E-06	7.15E-06
2745	490360.04, 3859310.04	0.83408	1.09E-05	1.07E-05	1.04E-05
2746	490410.04, 3859310.04	0.80306	1.05E-05	1.03E-05	1.00E-05
2747	490460.04, 3859310.04	0.77408	1.01E-05	9.94E-06	9.65E-06
2748	490510.04, 3859310.04	0.74925	9.75E-06	9.62E-06	9.34E-06
2749	490560.04, 3859310.04	0.72366	9.42E-06	9.29E-06	9.03E-06
2750	490610.04, 3859310.04	0.70086	9.12E-06	9.00E-06	8.74E-06
2751	490660.04, 3859310.04	0.67447	8.78E-06	8.66E-06	8.41E-06
2752	490710.04, 3859310.04	0.63363	8.25E-06	8.14E-06	7.90E-06
2753	490760.04, 3859310.04	0.60665	7.89E-06	7.79E-06	7.57E-06
2754	490810.04, 3859310.04	0.58886	7.66E-06	7.56E-06	7.34E-06
2755	490860.04, 3859310.04	0.56535	7.36E-06	7.26E-06	7.05E-06
2756	490360.04, 3859360.04	0.79496	1.03E-05	1.02E-05	9.91E-06
2757	490410.04, 3859360.04	0.76993	1.00E-05	9.89E-06	9.60E-06
2758	490460.04, 3859360.04	0.74642	9.71E-06	9.59E-06	9.31E-06
2759	490510.04, 3859360.04	0.72343	9.41E-06	9.29E-06	9.02E-06
2760	490560.04, 3859360.04	0.69752	9.08E-06	8.96E-06	8.70E-06
2761	490610.04, 3859360.04	0.67229	8.75E-06	8.63E-06	8.38E-06
2762	490660.04, 3859360.04	0.64996	8.46E-06	8.35E-06	8.11E-06
2763	490710.04, 3859360.04	0.62263	8.10E-06	8.00E-06	7.77E-06
2764	490760.04, 3859360.04	0.59403	7.73E-06	7.63E-06	7.41E-06
2765	490810.04, 3859360.04	0.58166	7.57E-06	7.47E-06	7.25E-06
2766	490860.04, 3859360.04	0.56204	7.31E-06	7.22E-06	7.01E-06
2767	490360.04, 3859410.04	0.75338	9.80E-06	9.68E-06	9.40E-06
2768	490410.04, 3859410.04	0.73194	9.53E-06	9.40E-06	9.13E-06
2769	490460.04, 3859410.04	0.71091	9.25E-06	9.13E-06	8.87E-06
2770	490510.04, 3859410.04	0.69018	8.98E-06	8.86E-06	8.61E-06
2771	490560.04, 3859410.04	0.67007	8.72E-06	8.61E-06	8.36E-06
2772	490610.04, 3859410.04	0.65037	8.46E-06	8.35E-06	8.11E-06
2773	490660.04, 3859410.04	0.62684	8.16E-06	8.05E-06	7.82E-06
2774	490710.04, 3859410.04	0.60533	7.88E-06	7.77E-06	7.55E-06
2775	490760.04, 3859410.04	0.57953	7.54E-06	7.44E-06	7.23E-06
2776	490810.04, 3859410.04	0.56585	7.36E-06	7.27E-06	7.06E-06
2777	490860.04, 3859410.04	0.55607	7.24E-06	7.14E-06	6.94E-06
2778	490360.04, 3859460.04	0.71208	9.27E-06	9.15E-06	8.88E-06
2779	490410.04, 3859460.04	0.69144	9.00E-06	8.88E-06	8.62E-06
2780	490460.04, 3859460.04	0.67279	8.76E-06	8.64E-06	8.39E-06
2781	490510.04, 3859460.04	0.65469	8.52E-06	8.41E-06	8.17E-06
2782	490560.04, 3859460.04	0.63728	8.29E-06	8.19E-06	7.95E-06
2783	490610.04, 3859460.04	0.61942	8.06E-06	7.96E-06	7.73E-06
2784	490660.04, 3859460.04	0.60137	7.83E-06	7.72E-06	7.50E-06
2785	490710.04, 3859460.04	0.58567	7.62E-06	7.52E-06	7.30E-06
2786	490760.04, 3859460.04	0.56816	7.39E-06	7.30E-06	7.09E-06
2787	490810.04, 3859460.04	0.5515	7.18E-06	7.08E-06	6.88E-06
2788	490860.04, 3859460.04	0.54035	7.03E-06	6.94E-06	6.74E-06
2789	490360.04, 3859510.04	0.67737	8.81E-06	8.70E-06	8.45E-06
2790	490410.04, 3859510.04	0.65573	8.53E-06	8.42E-06	8.18E-06
2791	490460.04, 3859510.04	0.63696	8.29E-06	8.18E-06	7.94E-06
2792	490510.04, 3859510.04	0.61997	8.07E-06	7.96E-06	7.73E-06
2793	490560.04, 3859510.04	0.6045	7.87E-06	7.76E-06	7.54E-06
2794	490610.04, 3859510.04	0.58914	7.67E-06	7.57E-06	7.35E-06
2795	490660.04, 3859510.04	0.57417	7.47E-06	7.37E-06	7.16E-06
2796	490710.04, 3859510.04	0.55941	7.28E-06	7.18E-06	6.98E-06

2797	490760.04, 3859510.04	0.5454	7.10E-06	7.00E-06	6.80E-06
2798	490810.04, 3859510.04	0.53305	6.94E-06	6.85E-06	6.65E-06
2799	490860.04, 3859510.04	0.52004	6.77E-06	6.68E-06	6.49E-06
2800	490360.04, 3859560.04	0.66899	8.71E-06	8.59E-06	8.34E-06
2801	490410.04, 3859560.04	0.63378	8.25E-06	8.14E-06	7.90E-06
2802	490460.04, 3859560.04	0.60928	7.93E-06	7.83E-06	7.60E-06
2803	490510.04, 3859560.04	0.59057	7.69E-06	7.59E-06	7.37E-06
2804	490560.04, 3859560.04	0.57455	7.48E-06	7.38E-06	7.17E-06
2805	490610.04, 3859560.04	0.56024	7.29E-06	7.20E-06	6.99E-06
2806	490660.04, 3859560.04	0.54723	7.12E-06	7.03E-06	6.83E-06
2807	490710.04, 3859560.04	0.53438	6.95E-06	6.86E-06	6.66E-06
2808	490760.04, 3859560.04	0.521	6.78E-06	6.69E-06	6.50E-06
2809	490810.04, 3859560.04	0.509	6.62E-06	6.54E-06	6.35E-06
2810	490860.04, 3859560.04	0.49696	6.47E-06	6.38E-06	6.20E-06
2811	490187.25, 3859422.08	0.83239	1.08E-05	1.07E-05	1.04E-05
2812	490237.25, 3859422.08	0.802	1.04E-05	1.03E-05	1.00E-05
2813	490287.25, 3859422.08	0.7767	1.01E-05	9.98E-06	9.69E-06
2814	490337.25, 3859422.08	0.75306	9.80E-06	9.67E-06	9.39E-06
2815	490187.25, 3859472.08	0.80784	1.05E-05	1.04E-05	1.01E-05
2816	490237.25, 3859472.08	0.76724	9.98E-06	9.85E-06	9.57E-06
2817	490287.25, 3859472.08	0.7368	9.59E-06	9.46E-06	9.19E-06
2818	490337.25, 3859472.08	0.71259	9.27E-06	9.15E-06	8.89E-06
2819	490297.07, 3859500.42	0.71623	9.32E-06	9.20E-06	8.93E-06
2820	490327.07, 3859500.42	0.69918	9.10E-06	8.98E-06	8.72E-06
2821	490297.07, 3859530.42	0.71438	9.30E-06	9.18E-06	8.91E-06
2822	490327.07, 3859530.42	0.68969	8.98E-06	8.86E-06	8.60E-06
2823	490319.73, 3859055.34	1.11562	1.45E-05	1.43E-05	1.39E-05
2824	490319.73, 3859105.34	1.05798	1.38E-05	1.36E-05	1.32E-05
2825	490069.73, 3859155.34	1.1994	1.56E-05	1.54E-05	1.50E-05
2826	490119.73, 3859155.34	1.15661	1.51E-05	1.49E-05	1.44E-05
2827	490269.73, 3859155.34	1.04564	1.36E-05	1.34E-05	1.30E-05
2828	490319.73, 3859155.34	1.0067	1.31E-05	1.29E-05	1.26E-05
2829	490069.73, 3859205.34	1.14201	1.49E-05	1.47E-05	1.42E-05
2830	490119.73, 3859205.34	1.10129	1.43E-05	1.41E-05	1.37E-05
2831	490169.73, 3859205.34	1.06377	1.38E-05	1.37E-05	1.33E-05
2832	490219.73, 3859205.34	1.02847	1.34E-05	1.32E-05	1.28E-05
2833	490269.73, 3859205.34	0.98959	1.29E-05	1.27E-05	1.23E-05
2834	490319.73, 3859205.34	0.95532	1.24E-05	1.23E-05	1.19E-05
2835	490069.73, 3859255.34	1.0859	1.41E-05	1.39E-05	1.35E-05
2836	490119.73, 3859255.34	1.04616	1.36E-05	1.34E-05	1.30E-05
2837	490169.73, 3859255.34	1.01001	1.31E-05	1.30E-05	1.26E-05
2838	490219.73, 3859255.34	0.97616	1.27E-05	1.25E-05	1.22E-05
2839	490269.73, 3859255.34	0.94209	1.23E-05	1.21E-05	1.17E-05
2840	490319.73, 3859255.34	0.90965	1.18E-05	1.17E-05	1.13E-05
2841	490069.73, 3859305.34	1.03111	1.34E-05	1.32E-05	1.29E-05
2842	490119.73, 3859305.34	0.99205	1.29E-05	1.27E-05	1.24E-05
2843	490169.73, 3859305.34	0.95702	1.25E-05	1.23E-05	1.19E-05
2844	490219.73, 3859305.34	0.92524	1.20E-05	1.19E-05	1.15E-05
2845	490269.73, 3859305.34	0.89529	1.17E-05	1.15E-05	1.12E-05
2846	490319.73, 3859305.34	0.86415	1.12E-05	1.11E-05	1.08E-05
2847	490069.73, 3859355.34	0.97921	1.27E-05	1.26E-05	1.22E-05
2848	490119.73, 3859355.34	0.93965	1.22E-05	1.21E-05	1.17E-05
2849	490169.73, 3859355.34	0.90498	1.18E-05	1.16E-05	1.13E-05
2850	490219.73, 3859355.34	0.87511	1.14E-05	1.12E-05	1.09E-05
2851	490269.73, 3859355.34	0.84718	1.10E-05	1.09E-05	1.06E-05
2852	490319.73, 3859355.34	0.82093	1.07E-05	1.05E-05	1.02E-05

2853	490069.73, 3859405.34	0.94151	1.23E-05	1.21E-05	1.17E-05
2854	490119.73, 3859405.34	0.89481	1.16E-05	1.15E-05	1.12E-05
2855	490169.73, 3859405.34	0.85782	1.12E-05	1.10E-05	1.07E-05
2856	490219.73, 3859405.34	0.82662	1.08E-05	1.06E-05	1.03E-05
2857	490269.73, 3859405.34	0.80041	1.04E-05	1.03E-05	9.98E-06
2858	490319.73, 3859405.34	0.77564	1.01E-05	9.96E-06	9.67E-06
2859	490161.89, 3859541.83	0.70274	9.15E-06	9.03E-06	8.76E-06
2860	490171.89, 3859541.83	0.70453	9.17E-06	9.05E-06	8.79E-06
2861	490161.89, 3859551.83	0.68427	8.90E-06	8.79E-06	8.53E-06
2862	490171.89, 3859551.83	0.68432	8.91E-06	8.79E-06	8.53E-06
2863	489799.72, 3859348.21	1.2707	1.65E-05	1.63E-05	1.58E-05
2864	489819.72, 3859348.21	1.25662	1.64E-05	1.61E-05	1.57E-05
2865	489799.72, 3859368.21	1.22991	1.60E-05	1.58E-05	1.53E-05
2866	489819.72, 3859368.21	1.20787	1.57E-05	1.55E-05	1.51E-05
2867	489775.41, 3859329.72	1.33656	1.74E-05	1.72E-05	1.67E-05
2868	489795.41, 3859329.72	1.32187	1.72E-05	1.70E-05	1.65E-05
2869	489775.41, 3859349.72	1.29612	1.69E-05	1.66E-05	1.62E-05
2870	489795.41, 3859349.72	1.27182	1.66E-05	1.63E-05	1.59E-05
2871	489595.05, 3859219.43	1.88065	2.45E-05	2.42E-05	2.35E-05
2872	489615.05, 3859219.43	1.83011	2.38E-05	2.35E-05	2.28E-05
2873	489595.05, 3859239.43	1.84809	2.41E-05	2.37E-05	2.30E-05
2874	489615.05, 3859239.43	1.79201	2.33E-05	2.30E-05	2.24E-05
2875	489372.4, 3859092.58	3.55743	4.63E-05	4.57E-05	4.44E-05
2876	489422.4, 3859092.58	3.02263	3.93E-05	3.88E-05	3.77E-05
2877	489372.4, 3859142.58	3.42298	4.45E-05	4.40E-05	4.27E-05
2878	489422.4, 3859142.58	2.89012	3.76E-05	3.71E-05	3.60E-05
2879	488870.84, 3858666.64	4.07128	5.30E-05	5.23E-05	5.08E-05
2880	488900.84, 3858666.64	5.90213	7.68E-05	7.58E-05	7.36E-05
2881	488870.84, 3858696.64	3.13547	4.08E-05	4.03E-05	3.91E-05
2882	488900.84, 3858696.64	3.99838	5.20E-05	5.14E-05	4.99E-05
2883	488889.67, 3858683.97	4.09655	5.33E-05	5.26E-05	5.11E-05
2884	488919.67, 3858683.97	5.89494	7.67E-05	7.57E-05	7.35E-05
2885	488889.67, 3858713.97	3.15663	4.11E-05	4.05E-05	3.94E-05
2886	488919.67, 3858713.97	4.01898	5.23E-05	5.16E-05	5.01E-05
2887	488906.61, 3858703.33	3.94583	5.13E-05	5.07E-05	4.92E-05
2888	488936.61, 3858703.33	5.58785	7.27E-05	7.18E-05	6.97E-05
2889	488906.61, 3858733.33	3.11322	4.05E-05	4.00E-05	3.88E-05
2890	488936.61, 3858733.33	3.91603	5.10E-05	5.03E-05	4.88E-05
2891	488637.63, 3858467.85	3.38798	4.41E-05	4.35E-05	4.23E-05
2892	488662.63, 3858467.85	4.27479	5.56E-05	5.49E-05	5.33E-05
2893	488637.63, 3858492.85	2.76891	3.60E-05	3.56E-05	3.45E-05
2894	488662.63, 3858492.85	3.30221	4.30E-05	4.24E-05	4.12E-05
2895	488687.63, 3858492.85	4.17285	5.43E-05	5.36E-05	5.20E-05
2896	488637.63, 3858517.85	2.35045	3.06E-05	3.02E-05	2.93E-05
2897	488662.63, 3858517.85	2.71232	3.53E-05	3.48E-05	3.38E-05
2898	488687.63, 3858517.85	3.2245	4.20E-05	4.14E-05	4.02E-05
2899	488194.42, 3857168.98	0.13181	1.72E-06	1.69E-06	1.64E-06
2900	488244.42, 3857168.98	0.13397	1.74E-06	1.72E-06	1.67E-06
2901	488294.42, 3857168.98	0.13555	1.76E-06	1.74E-06	1.69E-06
2902	488244.42, 3857218.98	0.14014	1.82E-06	1.80E-06	1.75E-06
2903	488294.42, 3857218.98	0.14206	1.85E-06	1.82E-06	1.77E-06
2904	488294.42, 3857268.98	0.14955	1.95E-06	1.92E-06	1.87E-06
2905	488139.13, 3857111.68	0.12342	1.61E-06	1.59E-06	1.54E-06
2906	488189.13, 3857111.68	0.1259	1.64E-06	1.62E-06	1.57E-06
2907	488189.13, 3857161.68	0.13083	1.70E-06	1.68E-06	1.63E-06
2908	487951.04, 3856961.26	0.10376	1.35E-06	1.33E-06	1.29E-06

2909	488001.04, 3856961.26	0.10535	1.37E-06	1.35E-06	1.31E-06
2910	488051.04, 3856961.26	0.10631	1.38E-06	1.37E-06	1.33E-06
2911	488101.04, 3856961.26	0.10871	1.41E-06	1.40E-06	1.36E-06
2912	487951.04, 3857011.26	0.10828	1.41E-06	1.39E-06	1.35E-06
2913	488001.04, 3857011.26	0.10923	1.42E-06	1.40E-06	1.36E-06
2914	488051.04, 3857011.26	0.11035	1.44E-06	1.42E-06	1.38E-06
2915	488101.04, 3857011.26	0.11289	1.47E-06	1.45E-06	1.41E-06
2916	488001.04, 3857061.26	0.11375	1.48E-06	1.46E-06	1.42E-06
2917	488051.04, 3857061.26	0.11551	1.50E-06	1.48E-06	1.44E-06
2918	488101.04, 3857061.26	0.11755	1.53E-06	1.51E-06	1.47E-06
2919	487638.98, 3856673.79	0.07704	1.00E-06	9.89E-07	9.61E-07
2920	487688.98, 3856673.79	0.07795	1.01E-06	1.00E-06	9.72E-07
2921	487638.98, 3856723.79	0.08006	1.04E-06	1.03E-06	9.99E-07
2922	487688.98, 3856723.79	0.08094	1.05E-06	1.04E-06	1.01E-06
2923	486324.61, 3855740.57	0.03718	4.84E-07	4.78E-07	4.64E-07
2924	486374.61, 3855740.57	0.03603	4.69E-07	4.63E-07	4.49E-07
2925	486424.61, 3855740.57	0.03552	4.62E-07	4.56E-07	4.43E-07
2926	486324.61, 3855790.57	0.03832	4.99E-07	4.92E-07	4.78E-07
2927	486374.61, 3855790.57	0.03733	4.86E-07	4.79E-07	4.66E-07
2928	486424.61, 3855790.57	0.03712	4.83E-07	4.77E-07	4.63E-07
2929	486324.61, 3855840.57	0.03937	5.12E-07	5.06E-07	4.91E-07
2930	486374.61, 3855840.57	0.0392	5.10E-07	5.03E-07	4.89E-07
2931	486424.61, 3855840.57	0.03874	5.04E-07	4.98E-07	4.83E-07
2932	486324.61, 3855890.57	0.04114	5.35E-07	5.28E-07	5.13E-07
2933	486374.61, 3855890.57	0.04091	5.32E-07	5.25E-07	5.10E-07
2934	486424.61, 3855890.57	0.04041	5.26E-07	5.19E-07	5.04E-07
2935	488735.69, 3858285.64	3.68422	4.79E-05	4.73E-05	4.60E-05
2936	488765.69, 3858285.64	3.36142	4.37E-05	4.32E-05	4.19E-05
2937	488735.69, 3858315.64	4.11823	5.36E-05	5.29E-05	5.14E-05
2938	488765.69, 3858315.64	3.71014	4.83E-05	4.77E-05	4.63E-05
2939	478676.63, 3849871.93	0.00657	8.55E-08	8.44E-08	8.19E-08
2940	479326.63, 3849871.93	0.00665	8.65E-08	8.54E-08	8.29E-08
2941	479376.63, 3849871.93	0.00667	8.68E-08	8.57E-08	8.32E-08
2942	479426.63, 3849871.93	0.00673	8.76E-08	8.64E-08	8.39E-08
2943	478726.63, 3849921.93	0.00665	8.65E-08	8.54E-08	8.29E-08
2944	478776.63, 3849921.93	0.00666	8.67E-08	8.55E-08	8.31E-08
2945	478826.63, 3849921.93	0.00667	8.68E-08	8.57E-08	8.32E-08
2946	478976.63, 3849921.93	0.0067	8.72E-08	8.61E-08	8.36E-08
2947	479026.63, 3849921.93	0.00674	8.77E-08	8.66E-08	8.41E-08
2948	479076.63, 3849921.93	0.00676	8.80E-08	8.68E-08	8.43E-08
2949	479126.63, 3849921.93	0.00677	8.81E-08	8.70E-08	8.44E-08
2950	479176.63, 3849921.93	0.0068	8.85E-08	8.73E-08	8.48E-08
2951	479226.63, 3849921.93	0.00677	8.81E-08	8.70E-08	8.44E-08
2952	479276.63, 3849921.93	0.00667	8.68E-08	8.57E-08	8.32E-08
2953	479326.63, 3849921.93	0.00683	8.89E-08	8.77E-08	8.52E-08
2954	479376.63, 3849921.93	0.00674	8.77E-08	8.66E-08	8.41E-08
2955	479426.63, 3849921.93	0.00685	8.91E-08	8.80E-08	8.54E-08
2956	478726.63, 3849971.93	0.0067	8.72E-08	8.61E-08	8.36E-08
2957	478776.63, 3849971.93	0.00672	8.75E-08	8.63E-08	8.38E-08
2958	478826.63, 3849971.93	0.00673	8.76E-08	8.64E-08	8.39E-08
2959	478976.63, 3849971.93	0.0068	8.85E-08	8.73E-08	8.48E-08
2960	479026.63, 3849971.93	0.00681	8.86E-08	8.75E-08	8.49E-08
2961	479076.63, 3849971.93	0.00682	8.88E-08	8.76E-08	8.51E-08
2962	479126.63, 3849971.93	0.00684	8.90E-08	8.79E-08	8.53E-08
2963	479176.63, 3849971.93	0.00686	8.93E-08	8.81E-08	8.56E-08
2964	479226.63, 3849971.93	0.00673	8.76E-08	8.64E-08	8.39E-08

2965	479276.63, 3849971.93	0.00685	8.91E-08	8.80E-08	8.54E-08
2966	479326.63, 3849971.93	0.00695	9.04E-08	8.93E-08	8.67E-08
2967	479376.63, 3849971.93	0.00686	8.93E-08	8.81E-08	8.56E-08
2968	479426.63, 3849971.93	0.00692	9.01E-08	8.89E-08	8.63E-08
2969	478726.63, 3850021.93	0.00676	8.80E-08	8.68E-08	8.43E-08
2970	478776.63, 3850021.93	0.00677	8.81E-08	8.70E-08	8.44E-08
2971	478826.63, 3850021.93	0.00679	8.84E-08	8.72E-08	8.47E-08
2972	478976.63, 3850021.93	0.00686	8.93E-08	8.81E-08	8.56E-08
2973	478726.63, 3850071.93	0.00682	8.88E-08	8.76E-08	8.51E-08
2974	478776.63, 3850071.93	0.00683	8.89E-08	8.77E-08	8.52E-08
2975	478826.63, 3850071.93	0.00685	8.91E-08	8.80E-08	8.54E-08
2976	478876.63, 3850071.93	0.00687	8.94E-08	8.82E-08	8.57E-08
2977	478976.63, 3850071.93	0.00692	9.01E-08	8.89E-08	8.63E-08
2978	478726.63, 3850121.93	0.00688	8.95E-08	8.84E-08	8.58E-08
2979	478776.63, 3850121.93	0.0069	8.98E-08	8.86E-08	8.61E-08
2980	478826.63, 3850121.93	0.00691	8.99E-08	8.87E-08	8.62E-08
2981	478876.63, 3850121.93	0.00693	9.02E-08	8.90E-08	8.64E-08
2982	478976.63, 3850121.93	0.00698	9.08E-08	8.96E-08	8.71E-08
2983	479026.63, 3850121.93	0.00701	9.12E-08	9.00E-08	8.74E-08
2984	479076.63, 3850121.93	0.00702	9.14E-08	9.02E-08	8.76E-08
2985	479126.63, 3850121.93	0.00704	9.16E-08	9.04E-08	8.78E-08
2986	478776.63, 3850171.93	0.00696	9.06E-08	8.94E-08	8.68E-08
2987	478826.63, 3850171.93	0.00697	9.07E-08	8.95E-08	8.69E-08
2988	478876.63, 3850171.93	0.00699	9.10E-08	8.98E-08	8.72E-08
2989	478976.63, 3850171.93	0.00704	9.16E-08	9.04E-08	8.78E-08
2990	479026.63, 3850171.93	0.00707	9.20E-08	9.08E-08	8.82E-08
2991	479076.63, 3850171.93	0.00709	9.23E-08	9.11E-08	8.84E-08
2992	479126.63, 3850171.93	0.00711	9.25E-08	9.13E-08	8.87E-08
2993	479176.63, 3850171.93	0.00714	9.29E-08	9.17E-08	8.91E-08
2994	479226.63, 3850171.93	0.0072	9.37E-08	9.25E-08	8.98E-08
2995	479276.63, 3850171.93	0.00728	9.47E-08	9.35E-08	9.08E-08
2996	479326.63, 3850171.93	0.00728	9.47E-08	9.35E-08	9.08E-08
2997	479376.63, 3850171.93	0.00729	9.49E-08	9.36E-08	9.09E-08
2998	478676.63, 3850221.93	0.00698	9.08E-08	8.96E-08	8.71E-08
2999	478726.63, 3850221.93	0.007	9.11E-08	8.99E-08	8.73E-08
3000	478976.63, 3850221.93	0.00711	9.25E-08	9.13E-08	8.87E-08
3001	479026.63, 3850221.93	0.00714	9.29E-08	9.17E-08	8.91E-08
3002	479076.63, 3850221.93	0.00716	9.32E-08	9.20E-08	8.93E-08
3003	479126.63, 3850221.93	0.00718	9.34E-08	9.22E-08	8.95E-08
3004	479176.63, 3850221.93	0.00723	9.41E-08	9.29E-08	9.02E-08
3005	479226.63, 3850221.93	0.00727	9.46E-08	9.34E-08	9.07E-08
3006	479276.63, 3850221.93	0.00732	9.53E-08	9.40E-08	9.13E-08
3007	479326.63, 3850221.93	0.00734	9.55E-08	9.43E-08	9.15E-08
3008	479376.63, 3850221.93	0.00736	9.58E-08	9.45E-08	9.18E-08
3009	478676.63, 3850271.93	0.00704	9.16E-08	9.04E-08	8.78E-08
3010	478726.63, 3850271.93	0.00706	9.19E-08	9.07E-08	8.81E-08
3011	478976.63, 3850271.93	0.00717	9.33E-08	9.21E-08	8.94E-08
3012	479026.63, 3850271.93	0.0072	9.37E-08	9.25E-08	8.98E-08
3013	479076.63, 3850271.93	0.00723	9.41E-08	9.29E-08	9.02E-08
3014	479126.63, 3850271.93	0.00725	9.43E-08	9.31E-08	9.04E-08
3015	479176.63, 3850271.93	0.00729	9.49E-08	9.36E-08	9.09E-08
3016	479226.63, 3850271.93	0.00733	9.54E-08	9.41E-08	9.14E-08
3017	479276.63, 3850271.93	0.00736	9.58E-08	9.45E-08	9.18E-08
3018	479326.63, 3850271.93	0.00738	9.60E-08	9.48E-08	9.20E-08
3019	479376.63, 3850271.93	0.00739	9.62E-08	9.49E-08	9.22E-08
3020	479053.24, 3850293.52	0.00724	9.42E-08	9.30E-08	9.03E-08

3021	479103.24, 3850293.52	0.00727	9.46E-08	9.34E-08	9.07E-08
3022	479153.24, 3850293.52	0.0073	9.50E-08	9.38E-08	9.10E-08
3023	479203.24, 3850293.52	0.00734	9.55E-08	9.43E-08	9.15E-08
3024	479253.24, 3850293.52	0.00737	9.59E-08	9.47E-08	9.19E-08
3025	479303.24, 3850293.52	0.00739	9.62E-08	9.49E-08	9.22E-08
3026	479353.24, 3850293.52	0.00741	9.64E-08	9.52E-08	9.24E-08
3027	479153.24, 3850343.52	0.00736	9.58E-08	9.45E-08	9.18E-08
3028	479203.24, 3850343.52	0.00739	9.62E-08	9.49E-08	9.22E-08
3029	479253.24, 3850343.52	0.00742	9.66E-08	9.53E-08	9.25E-08
3030	479303.24, 3850343.52	0.00743	9.67E-08	9.54E-08	9.27E-08
3031	479353.24, 3850343.52	0.00745	9.70E-08	9.57E-08	9.29E-08
3032	479203.24, 3850393.52	0.00745	9.70E-08	9.57E-08	9.29E-08
3033	479253.24, 3850393.52	0.00747	9.72E-08	9.59E-08	9.32E-08
3034	479303.24, 3850393.52	0.00748	9.73E-08	9.61E-08	9.33E-08
3035	479353.24, 3850393.52	0.0075	9.76E-08	9.63E-08	9.35E-08
3036	479403.24, 3850393.52	0.00752	9.79E-08	9.66E-08	9.38E-08
3037	479453.24, 3850393.52	0.00752	9.79E-08	9.66E-08	9.38E-08
3038	479503.24, 3850393.52	0.00752	9.79E-08	9.66E-08	9.38E-08
3039	479303.24, 3850443.52	0.00753	9.80E-08	9.67E-08	9.39E-08
3040	479353.24, 3850443.52	0.00754	9.81E-08	9.68E-08	9.40E-08
3041	479403.24, 3850443.52	0.00754	9.81E-08	9.68E-08	9.40E-08
3042	479453.24, 3850443.52	0.00755	9.83E-08	9.70E-08	9.42E-08
3043	479503.24, 3850443.52	0.00755	9.83E-08	9.70E-08	9.42E-08
3044	480327.18, 3850987.04	0.00887	1.15E-07	1.14E-07	1.11E-07
3045	480377.18, 3850987.04	0.00893	1.16E-07	1.15E-07	1.11E-07
3046	480427.18, 3850987.04	0.00898	1.17E-07	1.15E-07	1.12E-07
3047	480477.18, 3850987.04	0.00903	1.18E-07	1.16E-07	1.13E-07
3048	480327.18, 3851037.04	0.00891	1.16E-07	1.14E-07	1.11E-07
3049	480377.18, 3851037.04	0.00896	1.17E-07	1.15E-07	1.12E-07
3050	480427.18, 3851037.04	0.00901	1.17E-07	1.16E-07	1.12E-07
3051	480477.18, 3851037.04	0.00907	1.18E-07	1.16E-07	1.13E-07
3052	480622.06, 3851087.39	0.0093	1.21E-07	1.19E-07	1.16E-07
3053	480672.06, 3851087.39	0.00939	1.22E-07	1.21E-07	1.17E-07
3054	480622.06, 3851137.39	0.00934	1.22E-07	1.20E-07	1.16E-07
3055	480672.06, 3851137.39	0.00942	1.23E-07	1.21E-07	1.17E-07
3056	480722.06, 3851137.39	0.00951	1.24E-07	1.22E-07	1.19E-07
3057	480622.06, 3851187.39	0.00938	1.22E-07	1.20E-07	1.17E-07
3058	480672.06, 3851187.39	0.00946	1.23E-07	1.22E-07	1.18E-07
3059	480722.06, 3851187.39	0.00955	1.24E-07	1.23E-07	1.19E-07
3060	471363.09, 3845877.25	0.00261	3.40E-08	3.35E-08	3.26E-08
3061	471863.09, 3845877.25	0.00251	3.27E-08	3.22E-08	3.13E-08
3062	472363.09, 3845877.25	0.00273	3.55E-08	3.51E-08	3.40E-08
3063	472863.09, 3845877.25	0.00241	3.14E-08	3.10E-08	3.01E-08
3064	473363.09, 3845877.25	0.00244	3.18E-08	3.13E-08	3.04E-08
3065	473863.09, 3845877.25	0.00251	3.27E-08	3.22E-08	3.13E-08
3066	474363.09, 3845877.25	0.00274	3.57E-08	3.52E-08	3.42E-08
3067	474863.09, 3845877.25	0.0029	3.77E-08	3.72E-08	3.62E-08
3068	475363.09, 3845877.25	0.00315	4.10E-08	4.05E-08	3.93E-08
3069	475863.09, 3845877.25	0.00343	4.46E-08	4.41E-08	4.28E-08
3070	476363.09, 3845877.25	0.00343	4.46E-08	4.41E-08	4.28E-08
3071	476863.09, 3845877.25	0.00329	4.28E-08	4.23E-08	4.10E-08
3072	477363.09, 3845877.25	0.00329	4.28E-08	4.23E-08	4.10E-08
3073	477863.09, 3845877.25	0.00308	4.01E-08	3.96E-08	3.84E-08
3074	478363.09, 3845877.25	0.00281	3.66E-08	3.61E-08	3.50E-08
3075	478863.09, 3845877.25	0.00271	3.53E-08	3.48E-08	3.38E-08
3076	479363.09, 3845877.25	0.00281	3.66E-08	3.61E-08	3.50E-08

3077	479863.09, 3845877.25	0.00271	3.53E-08	3.48E-08	3.38E-08
3078	480363.09, 3845877.25	0.0023	2.99E-08	2.95E-08	2.87E-08
3079	480863.09, 3845877.25	0.00217	2.82E-08	2.79E-08	2.71E-08
3080	481363.09, 3845877.25	0.00199	2.59E-08	2.56E-08	2.48E-08
3081	481863.09, 3845877.25	0.00179	2.33E-08	2.30E-08	2.23E-08
3082	482363.09, 3845877.25	0.00158	2.06E-08	2.03E-08	1.97E-08
3083	482863.09, 3845877.25	0.0012	1.56E-08	1.54E-08	1.50E-08
3084	483363.09, 3845877.25	0.00107	1.39E-08	1.37E-08	1.33E-08
3085	483863.09, 3845877.25	0.00127	1.65E-08	1.63E-08	1.58E-08
3086	484363.09, 3845877.25	0.00127	1.65E-08	1.63E-08	1.58E-08
3087	484863.09, 3845877.25	0.00124	1.61E-08	1.59E-08	1.55E-08
3088	485363.09, 3845877.25	0.00118	1.54E-08	1.52E-08	1.47E-08
3089	485863.09, 3845877.25	0.00117	1.52E-08	1.50E-08	1.46E-08
3090	486363.09, 3845877.25	0.00115	1.50E-08	1.48E-08	1.43E-08
3091	486863.09, 3845877.25	0.00111	1.44E-08	1.43E-08	1.38E-08
3092	487363.09, 3845877.25	0.00111	1.44E-08	1.43E-08	1.38E-08
3093	487863.09, 3845877.25	0.00105	1.37E-08	1.35E-08	1.31E-08
3094	488363.09, 3845877.25	0.00097	1.26E-08	1.25E-08	1.21E-08
3095	488863.09, 3845877.25	0.00105	1.37E-08	1.35E-08	1.31E-08
3096	489363.09, 3845877.25	0.00104	1.35E-08	1.34E-08	1.30E-08
3097	489863.09, 3845877.25	0.001	1.30E-08	1.28E-08	1.25E-08
3098	490363.09, 3845877.25	0.00091	1.18E-08	1.17E-08	1.13E-08
3099	490863.09, 3845877.25	0.00077	1.00E-08	9.89E-09	9.60E-09
3100	491363.09, 3845877.25	0.0008	1.04E-08	1.03E-08	9.98E-09
3101	491863.09, 3845877.25	0.00082	1.07E-08	1.05E-08	1.02E-08
3102	492363.09, 3845877.25	0.00076	9.89E-09	9.76E-09	9.48E-09
3103	492863.09, 3845877.25	0.00085	1.11E-08	1.09E-08	1.06E-08
3104	493363.09, 3845877.25	0.00089	1.16E-08	1.14E-08	1.11E-08
3105	493863.09, 3845877.25	0.00089	1.16E-08	1.14E-08	1.11E-08
3106	494363.09, 3845877.25	0.00091	1.18E-08	1.17E-08	1.13E-08
3107	494863.09, 3845877.25	0.00094	1.22E-08	1.21E-08	1.17E-08
3108	495363.09, 3845877.25	0.00095	1.24E-08	1.22E-08	1.18E-08
3109	495863.09, 3845877.25	0.00096	1.25E-08	1.23E-08	1.20E-08
3110	496363.09, 3845877.25	0.00098	1.28E-08	1.26E-08	1.22E-08
3111	496863.09, 3845877.25	0.00095	1.24E-08	1.22E-08	1.18E-08
3112	497363.09, 3845877.25	0.001	1.30E-08	1.28E-08	1.25E-08
3113	497863.09, 3845877.25	0.00107	1.39E-08	1.37E-08	1.33E-08
3114	498363.09, 3845877.25	0.00107	1.39E-08	1.37E-08	1.33E-08
3115	471363.09, 3846377.25	0.00369	4.80E-08	4.74E-08	4.60E-08
3116	471863.09, 3846377.25	0.00347	4.52E-08	4.46E-08	4.33E-08
3117	472363.09, 3846377.25	0.00267	3.47E-08	3.43E-08	3.33E-08
3118	472863.09, 3846377.25	0.00273	3.55E-08	3.51E-08	3.40E-08
3119	473363.09, 3846377.25	0.00276	3.59E-08	3.54E-08	3.44E-08
3120	473863.09, 3846377.25	0.00286	3.72E-08	3.67E-08	3.57E-08
3121	474363.09, 3846377.25	0.00293	3.81E-08	3.76E-08	3.65E-08
3122	474863.09, 3846377.25	0.00313	4.07E-08	4.02E-08	3.90E-08
3123	475363.09, 3846377.25	0.00326	4.24E-08	4.19E-08	4.07E-08
3124	475863.09, 3846377.25	0.0035	4.55E-08	4.50E-08	4.37E-08
3125	476363.09, 3846377.25	0.00369	4.80E-08	4.74E-08	4.60E-08
3126	476863.09, 3846377.25	0.0037	4.81E-08	4.75E-08	4.61E-08
3127	477363.09, 3846377.25	0.00359	4.67E-08	4.61E-08	4.48E-08
3128	477863.09, 3846377.25	0.00351	4.57E-08	4.51E-08	4.38E-08
3129	478363.09, 3846377.25	0.0033	4.29E-08	4.24E-08	4.12E-08
3130	478863.09, 3846377.25	0.00311	4.05E-08	3.99E-08	3.88E-08
3131	479363.09, 3846377.25	0.00305	3.97E-08	3.92E-08	3.80E-08
3132	479863.09, 3846377.25	0.00298	3.88E-08	3.83E-08	3.72E-08

3133	480363.09, 3846377.25	0.00288	3.75E-08	3.70E-08	3.59E-08
3134	480863.09, 3846377.25	0.00244	3.18E-08	3.13E-08	3.04E-08
3135	481363.09, 3846377.25	0.00238	3.10E-08	3.06E-08	2.97E-08
3136	481863.09, 3846377.25	0.00211	2.75E-08	2.71E-08	2.63E-08
3137	482363.09, 3846377.25	0.00183	2.38E-08	2.35E-08	2.28E-08
3138	482863.09, 3846377.25	0.00147	1.91E-08	1.89E-08	1.83E-08
3139	483363.09, 3846377.25	0.00147	1.91E-08	1.89E-08	1.83E-08
3140	483863.09, 3846377.25	0.00143	1.86E-08	1.84E-08	1.78E-08
3141	484363.09, 3846377.25	0.00132	1.72E-08	1.70E-08	1.65E-08
3142	484863.09, 3846377.25	0.00143	1.86E-08	1.84E-08	1.78E-08
3143	485363.09, 3846377.25	0.00142	1.85E-08	1.82E-08	1.77E-08
3144	485863.09, 3846377.25	0.0013	1.69E-08	1.67E-08	1.62E-08
3145	486363.09, 3846377.25	0.00115	1.50E-08	1.48E-08	1.43E-08
3146	486863.09, 3846377.25	0.00113	1.47E-08	1.45E-08	1.41E-08
3147	487363.09, 3846377.25	0.00117	1.52E-08	1.50E-08	1.46E-08
3148	487863.09, 3846377.25	0.00124	1.61E-08	1.59E-08	1.55E-08
3149	488363.09, 3846377.25	0.00117	1.52E-08	1.50E-08	1.46E-08
3150	488863.09, 3846377.25	0.00114	1.48E-08	1.46E-08	1.42E-08
3151	489363.09, 3846377.25	0.00112	1.46E-08	1.44E-08	1.40E-08
3152	489863.09, 3846377.25	0.00108	1.41E-08	1.39E-08	1.35E-08
3153	490363.09, 3846377.25	0.00093	1.21E-08	1.19E-08	1.16E-08
3154	490863.09, 3846377.25	0.00086	1.12E-08	1.10E-08	1.07E-08
3155	491363.09, 3846377.25	0.00082	1.07E-08	1.05E-08	1.02E-08
3156	491863.09, 3846377.25	0.00088	1.15E-08	1.13E-08	1.10E-08
3157	492363.09, 3846377.25	0.00087	1.13E-08	1.12E-08	1.09E-08
3158	492863.09, 3846377.25	0.00089	1.16E-08	1.14E-08	1.11E-08
3159	493363.09, 3846377.25	0.00094	1.22E-08	1.21E-08	1.17E-08
3160	493863.09, 3846377.25	0.00093	1.21E-08	1.19E-08	1.16E-08
3161	494363.09, 3846377.25	0.00097	1.26E-08	1.25E-08	1.21E-08
3162	494863.09, 3846377.25	0.001	1.30E-08	1.28E-08	1.25E-08
3163	495363.09, 3846377.25	0.001	1.30E-08	1.28E-08	1.25E-08
3164	495863.09, 3846377.25	0.00102	1.33E-08	1.31E-08	1.27E-08
3165	496363.09, 3846377.25	0.00101	1.31E-08	1.30E-08	1.26E-08
3166	496863.09, 3846377.25	0.00103	1.34E-08	1.32E-08	1.28E-08
3167	497363.09, 3846377.25	0.00113	1.47E-08	1.45E-08	1.41E-08
3168	497863.09, 3846377.25	0.00114	1.48E-08	1.46E-08	1.42E-08
3169	498363.09, 3846377.25	0.00116	1.51E-08	1.49E-08	1.45E-08
3170	471363.09, 3846877.25	0.00385	5.01E-08	4.94E-08	4.80E-08
3171	471863.09, 3846877.25	0.00394	5.13E-08	5.06E-08	4.91E-08
3172	472363.09, 3846877.25	0.00387	5.04E-08	4.97E-08	4.83E-08
3173	472863.09, 3846877.25	0.00282	3.67E-08	3.62E-08	3.52E-08
3174	473363.09, 3846877.25	0.00305	3.97E-08	3.92E-08	3.80E-08
3175	473863.09, 3846877.25	0.00329	4.28E-08	4.23E-08	4.10E-08
3176	474363.09, 3846877.25	0.00325	4.23E-08	4.17E-08	4.05E-08
3177	474863.09, 3846877.25	0.00324	4.22E-08	4.16E-08	4.04E-08
3178	475363.09, 3846877.25	0.0033	4.29E-08	4.24E-08	4.12E-08
3179	475863.09, 3846877.25	0.00356	4.63E-08	4.57E-08	4.44E-08
3180	476363.09, 3846877.25	0.00375	4.88E-08	4.82E-08	4.68E-08
3181	476863.09, 3846877.25	0.00397	5.17E-08	5.10E-08	4.95E-08
3182	477363.09, 3846877.25	0.00402	5.23E-08	5.16E-08	5.01E-08
3183	477863.09, 3846877.25	0.00383	4.98E-08	4.92E-08	4.78E-08
3184	478363.09, 3846877.25	0.00386	5.02E-08	4.96E-08	4.81E-08
3185	478863.09, 3846877.25	0.00375	4.88E-08	4.82E-08	4.68E-08
3186	479363.09, 3846877.25	0.0034	4.42E-08	4.37E-08	4.24E-08
3187	479863.09, 3846877.25	0.00292	3.80E-08	3.75E-08	3.64E-08
3188	480363.09, 3846877.25	0.00261	3.40E-08	3.35E-08	3.26E-08

3189	480863.09, 3846877.25	0.00235	3.06E-08	3.02E-08	2.93E-08
3190	481363.09, 3846877.25	0.00242	3.15E-08	3.11E-08	3.02E-08
3191	481863.09, 3846877.25	0.00235	3.06E-08	3.02E-08	2.93E-08
3192	482363.09, 3846877.25	0.00198	2.58E-08	2.54E-08	2.47E-08
3193	482863.09, 3846877.25	0.00186	2.42E-08	2.39E-08	2.32E-08
3194	483363.09, 3846877.25	0.00172	2.24E-08	2.21E-08	2.15E-08
3195	483863.09, 3846877.25	0.00161	2.10E-08	2.07E-08	2.01E-08
3196	484363.09, 3846877.25	0.00162	2.11E-08	2.08E-08	2.02E-08
3197	484863.09, 3846877.25	0.00158	2.06E-08	2.03E-08	1.97E-08
3198	485363.09, 3846877.25	0.00157	2.04E-08	2.02E-08	1.96E-08
3199	485863.09, 3846877.25	0.00147	1.91E-08	1.89E-08	1.83E-08
3200	486363.09, 3846877.25	0.00152	1.98E-08	1.95E-08	1.90E-08
3201	486863.09, 3846877.25	0.00135	1.76E-08	1.73E-08	1.68E-08
3202	487363.09, 3846877.25	0.00138	1.80E-08	1.77E-08	1.72E-08
3203	487863.09, 3846877.25	0.00136	1.77E-08	1.75E-08	1.70E-08
3204	488363.09, 3846877.25	0.00127	1.65E-08	1.63E-08	1.58E-08
3205	488863.09, 3846877.25	0.00125	1.63E-08	1.61E-08	1.56E-08
3206	489363.09, 3846877.25	0.00123	1.60E-08	1.58E-08	1.53E-08
3207	489863.09, 3846877.25	0.00119	1.55E-08	1.53E-08	1.48E-08
3208	490363.09, 3846877.25	0.00105	1.37E-08	1.35E-08	1.31E-08
3209	490863.09, 3846877.25	0.00099	1.29E-08	1.27E-08	1.23E-08
3210	491363.09, 3846877.25	0.00094	1.22E-08	1.21E-08	1.17E-08
3211	491863.09, 3846877.25	0.00089	1.16E-08	1.14E-08	1.11E-08
3212	492363.09, 3846877.25	0.00098	1.28E-08	1.26E-08	1.22E-08
3213	492863.09, 3846877.25	0.001	1.30E-08	1.28E-08	1.25E-08
3214	493363.09, 3846877.25	0.00102	1.33E-08	1.31E-08	1.27E-08
3215	493863.09, 3846877.25	0.001	1.30E-08	1.28E-08	1.25E-08
3216	494363.09, 3846877.25	0.00103	1.34E-08	1.32E-08	1.28E-08
3217	494863.09, 3846877.25	0.00104	1.35E-08	1.34E-08	1.30E-08
3218	495363.09, 3846877.25	0.00104	1.35E-08	1.34E-08	1.30E-08
3219	495863.09, 3846877.25	0.00105	1.37E-08	1.35E-08	1.31E-08
3220	496363.09, 3846877.25	0.00102	1.33E-08	1.31E-08	1.27E-08
3221	496863.09, 3846877.25	0.00111	1.44E-08	1.43E-08	1.38E-08
3222	497363.09, 3846877.25	0.00121	1.57E-08	1.55E-08	1.51E-08
3223	497863.09, 3846877.25	0.00124	1.61E-08	1.59E-08	1.55E-08
3224	498363.09, 3846877.25	0.00132	1.72E-08	1.70E-08	1.65E-08
3225	471363.09, 3847377.25	0.00404	5.26E-08	5.19E-08	5.04E-08
3226	471863.09, 3847377.25	0.0041	5.34E-08	5.27E-08	5.11E-08
3227	472363.09, 3847377.25	0.00418	5.44E-08	5.37E-08	5.21E-08
3228	472863.09, 3847377.25	0.00413	5.37E-08	5.30E-08	5.15E-08
3229	473363.09, 3847377.25	0.00356	4.63E-08	4.57E-08	4.44E-08
3230	473863.09, 3847377.25	0.00353	4.59E-08	4.53E-08	4.40E-08
3231	474363.09, 3847377.25	0.00373	4.85E-08	4.79E-08	4.65E-08
3232	474863.09, 3847377.25	0.0036	4.68E-08	4.62E-08	4.49E-08
3233	475363.09, 3847377.25	0.00346	4.50E-08	4.44E-08	4.32E-08
3234	475863.09, 3847377.25	0.00373	4.85E-08	4.79E-08	4.65E-08
3235	476363.09, 3847377.25	0.00406	5.28E-08	5.21E-08	5.06E-08
3236	476863.09, 3847377.25	0.00408	5.31E-08	5.24E-08	5.09E-08
3237	477363.09, 3847377.25	0.00439	5.71E-08	5.64E-08	5.48E-08
3238	477863.09, 3847377.25	0.00436	5.67E-08	5.60E-08	5.44E-08
3239	478363.09, 3847377.25	0.00427	5.56E-08	5.48E-08	5.33E-08
3240	478863.09, 3847377.25	0.0044	5.73E-08	5.65E-08	5.49E-08
3241	479363.09, 3847377.25	0.00364	4.74E-08	4.68E-08	4.54E-08
3242	479863.09, 3847377.25	0.0028	3.64E-08	3.60E-08	3.49E-08
3243	480363.09, 3847377.25	0.0021	2.73E-08	2.70E-08	2.62E-08
3244	480863.09, 3847377.25	0.00187	2.43E-08	2.40E-08	2.33E-08

3245	481363.09, 3847377.25	0.00201	2.62E-08	2.58E-08	2.51E-08
3246	481863.09, 3847377.25	0.00252	3.28E-08	3.24E-08	3.14E-08
3247	482363.09, 3847377.25	0.00242	3.15E-08	3.11E-08	3.02E-08
3248	482863.09, 3847377.25	0.00222	2.89E-08	2.85E-08	2.77E-08
3249	483363.09, 3847377.25	0.00199	2.59E-08	2.56E-08	2.48E-08
3250	483863.09, 3847377.25	0.00186	2.42E-08	2.39E-08	2.32E-08
3251	484363.09, 3847377.25	0.00189	2.46E-08	2.43E-08	2.36E-08
3252	484863.09, 3847377.25	0.00183	2.38E-08	2.35E-08	2.28E-08
3253	485363.09, 3847377.25	0.00181	2.36E-08	2.32E-08	2.26E-08
3254	485863.09, 3847377.25	0.00178	2.32E-08	2.29E-08	2.22E-08
3255	486363.09, 3847377.25	0.00177	2.30E-08	2.27E-08	2.21E-08
3256	486863.09, 3847377.25	0.00161	2.10E-08	2.07E-08	2.01E-08
3257	487363.09, 3847377.25	0.00163	2.12E-08	2.09E-08	2.03E-08
3258	487863.09, 3847377.25	0.00151	1.97E-08	1.94E-08	1.88E-08
3259	488363.09, 3847377.25	0.00142	1.85E-08	1.82E-08	1.77E-08
3260	488863.09, 3847377.25	0.00139	1.81E-08	1.79E-08	1.73E-08
3261	489363.09, 3847377.25	0.00137	1.78E-08	1.76E-08	1.71E-08
3262	489863.09, 3847377.25	0.00128	1.67E-08	1.64E-08	1.60E-08
3263	490363.09, 3847377.25	0.00118	1.54E-08	1.52E-08	1.47E-08
3264	490863.09, 3847377.25	0.00114	1.48E-08	1.46E-08	1.42E-08
3265	491363.09, 3847377.25	0.00106	1.38E-08	1.36E-08	1.32E-08
3266	491863.09, 3847377.25	0.00111	1.44E-08	1.43E-08	1.38E-08
3267	492363.09, 3847377.25	0.00109	1.42E-08	1.40E-08	1.36E-08
3268	492863.09, 3847377.25	0.00112	1.46E-08	1.44E-08	1.40E-08
3269	493363.09, 3847377.25	0.00109	1.42E-08	1.40E-08	1.36E-08
3270	493863.09, 3847377.25	0.00106	1.38E-08	1.36E-08	1.32E-08
3271	494363.09, 3847377.25	0.00106	1.38E-08	1.36E-08	1.32E-08
3272	494863.09, 3847377.25	0.00106	1.38E-08	1.36E-08	1.32E-08
3273	495363.09, 3847377.25	0.00105	1.37E-08	1.35E-08	1.31E-08
3274	495863.09, 3847377.25	0.00104	1.35E-08	1.34E-08	1.30E-08
3275	496363.09, 3847377.25	0.00105	1.37E-08	1.35E-08	1.31E-08
3276	496863.09, 3847377.25	0.00116	1.51E-08	1.49E-08	1.45E-08
3277	497363.09, 3847377.25	0.00123	1.60E-08	1.58E-08	1.53E-08
3278	497863.09, 3847377.25	0.00137	1.78E-08	1.76E-08	1.71E-08
3279	498363.09, 3847377.25	0.00149	1.94E-08	1.91E-08	1.86E-08
3280	471363.09, 3847877.25	0.00418	5.44E-08	5.37E-08	5.21E-08
3281	471863.09, 3847877.25	0.00433	5.63E-08	5.56E-08	5.40E-08
3282	472363.09, 3847877.25	0.0044	5.73E-08	5.65E-08	5.49E-08
3283	472863.09, 3847877.25	0.00445	5.79E-08	5.72E-08	5.55E-08
3284	473363.09, 3847877.25	0.00457	5.95E-08	5.87E-08	5.70E-08
3285	473863.09, 3847877.25	0.00446	5.80E-08	5.73E-08	5.56E-08
3286	474363.09, 3847877.25	0.00393	5.11E-08	5.05E-08	4.90E-08
3287	474863.09, 3847877.25	0.00413	5.37E-08	5.30E-08	5.15E-08
3288	475363.09, 3847877.25	0.00396	5.15E-08	5.09E-08	4.94E-08
3289	475863.09, 3847877.25	0.00377	4.91E-08	4.84E-08	4.70E-08
3290	476363.09, 3847877.25	0.00426	5.54E-08	5.47E-08	5.31E-08
3291	476863.09, 3847877.25	0.00442	5.75E-08	5.68E-08	5.51E-08
3292	477363.09, 3847877.25	0.00454	5.91E-08	5.83E-08	5.66E-08
3293	477863.09, 3847877.25	0.00483	6.29E-08	6.20E-08	6.02E-08
3294	478363.09, 3847877.25	0.00482	6.27E-08	6.19E-08	6.01E-08
3295	478863.09, 3847877.25	0.0047	6.12E-08	6.04E-08	5.86E-08
3296	479363.09, 3847877.25	0.00381	4.96E-08	4.89E-08	4.75E-08
3297	479863.09, 3847877.25	0.00239	3.11E-08	3.07E-08	2.98E-08
3298	480363.09, 3847877.25	0.00247	3.21E-08	3.17E-08	3.08E-08
3299	480863.09, 3847877.25	0.00221	2.88E-08	2.84E-08	2.76E-08
3300	481363.09, 3847877.25	0.0022	2.86E-08	2.83E-08	2.74E-08

3301	481863.09, 3847877.25	0.00288	3.75E-08	3.70E-08	3.59E-08
3302	482363.09, 3847877.25	0.00277	3.60E-08	3.56E-08	3.45E-08
3303	482863.09, 3847877.25	0.00253	3.29E-08	3.25E-08	3.16E-08
3304	483363.09, 3847877.25	0.00235	3.06E-08	3.02E-08	2.93E-08
3305	483863.09, 3847877.25	0.00222	2.89E-08	2.85E-08	2.77E-08
3306	484363.09, 3847877.25	0.0022	2.86E-08	2.83E-08	2.74E-08
3307	484863.09, 3847877.25	0.00212	2.76E-08	2.72E-08	2.64E-08
3308	485363.09, 3847877.25	0.00217	2.82E-08	2.79E-08	2.71E-08
3309	485863.09, 3847877.25	0.00218	2.84E-08	2.80E-08	2.72E-08
3310	486363.09, 3847877.25	0.00195	2.54E-08	2.50E-08	2.43E-08
3311	486863.09, 3847877.25	0.00187	2.43E-08	2.40E-08	2.33E-08
3312	487363.09, 3847877.25	0.00182	2.37E-08	2.34E-08	2.27E-08
3313	487863.09, 3847877.25	0.0017	2.21E-08	2.18E-08	2.12E-08
3314	488363.09, 3847877.25	0.00158	2.06E-08	2.03E-08	1.97E-08
3315	488863.09, 3847877.25	0.00156	2.03E-08	2.00E-08	1.95E-08
3316	489363.09, 3847877.25	0.00154	2.00E-08	1.98E-08	1.92E-08
3317	489863.09, 3847877.25	0.00156	2.03E-08	2.00E-08	1.95E-08
3318	490363.09, 3847877.25	0.00147	1.91E-08	1.89E-08	1.83E-08
3319	490863.09, 3847877.25	0.00139	1.81E-08	1.79E-08	1.73E-08
3320	491363.09, 3847877.25	0.00124	1.61E-08	1.59E-08	1.55E-08
3321	491863.09, 3847877.25	0.00123	1.60E-08	1.58E-08	1.53E-08
3322	492363.09, 3847877.25	0.00124	1.61E-08	1.59E-08	1.55E-08
3323	492863.09, 3847877.25	0.00122	1.59E-08	1.57E-08	1.52E-08
3324	493363.09, 3847877.25	0.00111	1.44E-08	1.43E-08	1.38E-08
3325	493863.09, 3847877.25	0.00107	1.39E-08	1.37E-08	1.33E-08
3326	494363.09, 3847877.25	0.00107	1.39E-08	1.37E-08	1.33E-08
3327	494863.09, 3847877.25	0.00108	1.41E-08	1.39E-08	1.35E-08
3328	495363.09, 3847877.25	0.00106	1.38E-08	1.36E-08	1.32E-08
3329	495863.09, 3847877.25	0.00096	1.25E-08	1.23E-08	1.20E-08
3330	496363.09, 3847877.25	0.0011	1.43E-08	1.41E-08	1.37E-08
3331	496863.09, 3847877.25	0.00118	1.54E-08	1.52E-08	1.47E-08
3332	497363.09, 3847877.25	0.00126	1.64E-08	1.62E-08	1.57E-08
3333	497863.09, 3847877.25	0.00153	1.99E-08	1.97E-08	1.91E-08
3334	498363.09, 3847877.25	0.00167	2.17E-08	2.14E-08	2.08E-08
3335	471363.09, 3848377.25	0.00428	5.57E-08	5.50E-08	5.34E-08
3336	471863.09, 3848377.25	0.00441	5.74E-08	5.66E-08	5.50E-08
3337	472363.09, 3848377.25	0.00455	5.92E-08	5.84E-08	5.67E-08
3338	472863.09, 3848377.25	0.00469	6.10E-08	6.02E-08	5.85E-08
3339	473363.09, 3848377.25	0.00475	6.18E-08	6.10E-08	5.92E-08
3340	473863.09, 3848377.25	0.00485	6.31E-08	6.23E-08	6.05E-08
3341	474363.09, 3848377.25	0.00484	6.30E-08	6.22E-08	6.04E-08
3342	474863.09, 3848377.25	0.00443	5.76E-08	5.69E-08	5.53E-08
3343	475363.09, 3848377.25	0.0047	6.12E-08	6.04E-08	5.86E-08
3344	475863.09, 3848377.25	0.00446	5.80E-08	5.73E-08	5.56E-08
3345	476363.09, 3848377.25	0.00417	5.43E-08	5.36E-08	5.20E-08
3346	476863.09, 3848377.25	0.00477	6.21E-08	6.13E-08	5.95E-08
3347	477363.09, 3848377.25	0.00479	6.23E-08	6.15E-08	5.97E-08
3348	477863.09, 3848377.25	0.00495	6.44E-08	6.36E-08	6.17E-08
3349	478363.09, 3848377.25	0.00523	6.81E-08	6.72E-08	6.52E-08
3350	478863.09, 3848377.25	0.00506	6.58E-08	6.50E-08	6.31E-08
3351	479363.09, 3848377.25	0.00415	5.40E-08	5.33E-08	5.18E-08
3352	479863.09, 3848377.25	0.00177	2.30E-08	2.27E-08	2.21E-08
3353	480363.09, 3848377.25	0.00247	3.21E-08	3.17E-08	3.08E-08
3354	480863.09, 3848377.25	0.00324	4.22E-08	4.16E-08	4.04E-08
3355	481363.09, 3848377.25	0.0033	4.29E-08	4.24E-08	4.12E-08
3356	481863.09, 3848377.25	0.00331	4.31E-08	4.25E-08	4.13E-08

3357	482363.09, 3848377.25	0.00329	4.28E-08	4.23E-08	4.10E-08
3358	482863.09, 3848377.25	0.00296	3.85E-08	3.80E-08	3.69E-08
3359	483363.09, 3848377.25	0.00289	3.76E-08	3.71E-08	3.60E-08
3360	483863.09, 3848377.25	0.00258	3.36E-08	3.31E-08	3.22E-08
3361	484363.09, 3848377.25	0.00246	3.20E-08	3.16E-08	3.07E-08
3362	484863.09, 3848377.25	0.00258	3.36E-08	3.31E-08	3.22E-08
3363	485363.09, 3848377.25	0.00251	3.27E-08	3.22E-08	3.13E-08
3364	485863.09, 3848377.25	0.00252	3.28E-08	3.24E-08	3.14E-08
3365	486363.09, 3848377.25	0.0023	2.99E-08	2.95E-08	2.87E-08
3366	486863.09, 3848377.25	0.00215	2.80E-08	2.76E-08	2.68E-08
3367	487363.09, 3848377.25	0.00198	2.58E-08	2.54E-08	2.47E-08
3368	487863.09, 3848377.25	0.00193	2.51E-08	2.48E-08	2.41E-08
3369	488363.09, 3848377.25	0.00179	2.33E-08	2.30E-08	2.23E-08
3370	488863.09, 3848377.25	0.00176	2.29E-08	2.26E-08	2.20E-08
3371	489363.09, 3848377.25	0.00176	2.29E-08	2.26E-08	2.20E-08
3372	489863.09, 3848377.25	0.00176	2.29E-08	2.26E-08	2.20E-08
3373	490363.09, 3848377.25	0.00165	2.15E-08	2.12E-08	2.06E-08
3374	490863.09, 3848377.25	0.00154	2.00E-08	1.98E-08	1.92E-08
3375	491363.09, 3848377.25	0.0014	1.82E-08	1.80E-08	1.75E-08
3376	491863.09, 3848377.25	0.00137	1.78E-08	1.76E-08	1.71E-08
3377	492363.09, 3848377.25	0.0013	1.69E-08	1.67E-08	1.62E-08
3378	492863.09, 3848377.25	0.0012	1.56E-08	1.54E-08	1.50E-08
3379	493363.09, 3848377.25	0.00112	1.46E-08	1.44E-08	1.40E-08
3380	493863.09, 3848377.25	0.00109	1.42E-08	1.40E-08	1.36E-08
3381	494363.09, 3848377.25	0.00108	1.41E-08	1.39E-08	1.35E-08
3382	494863.09, 3848377.25	0.00109	1.42E-08	1.40E-08	1.36E-08
3383	495363.09, 3848377.25	0.00104	1.35E-08	1.34E-08	1.30E-08
3384	495863.09, 3848377.25	0.00103	1.34E-08	1.32E-08	1.28E-08
3385	496363.09, 3848377.25	0.00113	1.47E-08	1.45E-08	1.41E-08
3386	496863.09, 3848377.25	0.00115	1.50E-08	1.48E-08	1.43E-08
3387	497363.09, 3848377.25	0.0013	1.69E-08	1.67E-08	1.62E-08
3388	497863.09, 3848377.25	0.00172	2.24E-08	2.21E-08	2.15E-08
3389	498363.09, 3848377.25	0.00185	2.41E-08	2.38E-08	2.31E-08
3390	471363.09, 3848877.25	0.00445	5.79E-08	5.72E-08	5.55E-08
3391	471863.09, 3848877.25	0.00457	5.95E-08	5.87E-08	5.70E-08
3392	472363.09, 3848877.25	0.00467	6.08E-08	6.00E-08	5.82E-08
3393	472863.09, 3848877.25	0.00483	6.29E-08	6.20E-08	6.02E-08
3394	473363.09, 3848877.25	0.00503	6.55E-08	6.46E-08	6.27E-08
3395	473863.09, 3848877.25	0.00513	6.68E-08	6.59E-08	6.40E-08
3396	474363.09, 3848877.25	0.00524	6.82E-08	6.73E-08	6.54E-08
3397	474863.09, 3848877.25	0.00512	6.66E-08	6.58E-08	6.39E-08
3398	475363.09, 3848877.25	0.00508	6.61E-08	6.52E-08	6.34E-08
3399	475863.09, 3848877.25	0.00522	6.79E-08	6.70E-08	6.51E-08
3400	476363.09, 3848877.25	0.00508	6.61E-08	6.52E-08	6.34E-08
3401	476863.09, 3848877.25	0.00488	6.35E-08	6.27E-08	6.09E-08
3402	477363.09, 3848877.25	0.00535	6.96E-08	6.87E-08	6.67E-08
3403	477863.09, 3848877.25	0.00533	6.94E-08	6.85E-08	6.65E-08
3404	478363.09, 3848877.25	0.00551	7.17E-08	7.08E-08	6.87E-08
3405	478863.09, 3848877.25	0.00567	7.38E-08	7.28E-08	7.07E-08
3406	479363.09, 3848877.25	0.00526	6.85E-08	6.76E-08	6.56E-08
3407	479863.09, 3848877.25	0.00453	5.90E-08	5.82E-08	5.65E-08
3408	480363.09, 3848877.25	0.00468	6.09E-08	6.01E-08	5.84E-08
3409	480863.09, 3848877.25	0.00451	5.87E-08	5.79E-08	5.62E-08
3410	481363.09, 3848877.25	0.00427	5.56E-08	5.48E-08	5.33E-08
3411	481863.09, 3848877.25	0.00387	5.04E-08	4.97E-08	4.83E-08
3412	482363.09, 3848877.25	0.00315	4.10E-08	4.05E-08	3.93E-08

3413	482863.09, 3848877.25	0.00272	3.54E-08	3.49E-08	3.39E-08
3414	483363.09, 3848877.25	0.00243	3.16E-08	3.12E-08	3.03E-08
3415	483863.09, 3848877.25	0.00239	3.11E-08	3.07E-08	2.98E-08
3416	484363.09, 3848877.25	0.00279	3.63E-08	3.58E-08	3.48E-08
3417	484863.09, 3848877.25	0.00314	4.09E-08	4.03E-08	3.92E-08
3418	485363.09, 3848877.25	0.00298	3.88E-08	3.83E-08	3.72E-08
3419	485863.09, 3848877.25	0.00289	3.76E-08	3.71E-08	3.60E-08
3420	486363.09, 3848877.25	0.00261	3.40E-08	3.35E-08	3.26E-08
3421	486863.09, 3848877.25	0.00231	3.01E-08	2.97E-08	2.88E-08
3422	487363.09, 3848877.25	0.00233	3.03E-08	2.99E-08	2.91E-08
3423	487863.09, 3848877.25	0.00222	2.89E-08	2.85E-08	2.77E-08
3424	488363.09, 3848877.25	0.00207	2.69E-08	2.66E-08	2.58E-08
3425	488863.09, 3848877.25	0.00198	2.58E-08	2.54E-08	2.47E-08
3426	489363.09, 3848877.25	0.00201	2.62E-08	2.58E-08	2.51E-08
3427	489863.09, 3848877.25	0.00196	2.55E-08	2.52E-08	2.44E-08
3428	490363.09, 3848877.25	0.00178	2.32E-08	2.29E-08	2.22E-08
3429	490863.09, 3848877.25	0.00166	2.16E-08	2.13E-08	2.07E-08
3430	491363.09, 3848877.25	0.00153	1.99E-08	1.97E-08	1.91E-08
3431	491863.09, 3848877.25	0.00143	1.86E-08	1.84E-08	1.78E-08
3432	492363.09, 3848877.25	0.00133	1.73E-08	1.71E-08	1.66E-08
3433	492863.09, 3848877.25	0.0012	1.56E-08	1.54E-08	1.50E-08
3434	493363.09, 3848877.25	0.00109	1.42E-08	1.40E-08	1.36E-08
3435	493863.09, 3848877.25	0.00109	1.42E-08	1.40E-08	1.36E-08
3436	494363.09, 3848877.25	0.0011	1.43E-08	1.41E-08	1.37E-08
3437	494863.09, 3848877.25	0.00113	1.47E-08	1.45E-08	1.41E-08
3438	495363.09, 3848877.25	0.00112	1.46E-08	1.44E-08	1.40E-08
3439	495863.09, 3848877.25	0.0011	1.43E-08	1.41E-08	1.37E-08
3440	496363.09, 3848877.25	0.00117	1.52E-08	1.50E-08	1.46E-08
3441	496863.09, 3848877.25	0.00129	1.68E-08	1.66E-08	1.61E-08
3442	497363.09, 3848877.25	0.00163	2.12E-08	2.09E-08	2.03E-08
3443	497863.09, 3848877.25	0.00185	2.41E-08	2.38E-08	2.31E-08
3444	498363.09, 3848877.25	0.00213	2.77E-08	2.74E-08	2.66E-08
3445	471363.09, 3849377.25	0.00437	5.69E-08	5.61E-08	5.45E-08
3446	471863.09, 3849377.25	0.00474	6.17E-08	6.09E-08	5.91E-08
3447	472363.09, 3849377.25	0.00492	6.40E-08	6.32E-08	6.14E-08
3448	472863.09, 3849377.25	0.00502	6.53E-08	6.45E-08	6.26E-08
3449	473363.09, 3849377.25	0.00514	6.69E-08	6.60E-08	6.41E-08
3450	473863.09, 3849377.25	0.00534	6.95E-08	6.86E-08	6.66E-08
3451	474363.09, 3849377.25	0.00552	7.18E-08	7.09E-08	6.88E-08
3452	474863.09, 3849377.25	0.00566	7.37E-08	7.27E-08	7.06E-08
3453	475363.09, 3849377.25	0.00573	7.46E-08	7.36E-08	7.15E-08
3454	475863.09, 3849377.25	0.00591	7.69E-08	7.59E-08	7.37E-08
3455	476363.09, 3849377.25	0.00599	7.80E-08	7.69E-08	7.47E-08
3456	476863.09, 3849377.25	0.00592	7.70E-08	7.60E-08	7.38E-08
3457	477363.09, 3849377.25	0.00577	7.51E-08	7.41E-08	7.20E-08
3458	477863.09, 3849377.25	0.00572	7.44E-08	7.35E-08	7.13E-08
3459	478363.09, 3849377.25	0.00589	7.66E-08	7.56E-08	7.35E-08
3460	478863.09, 3849377.25	0.00586	7.63E-08	7.53E-08	7.31E-08
3461	479363.09, 3849377.25	0.00617	8.03E-08	7.92E-08	7.70E-08
3462	479863.09, 3849377.25	0.00561	7.30E-08	7.21E-08	7.00E-08
3463	480363.09, 3849377.25	0.0061	7.94E-08	7.83E-08	7.61E-08
3464	480863.09, 3849377.25	0.00583	7.59E-08	7.49E-08	7.27E-08
3465	481363.09, 3849377.25	0.00475	6.18E-08	6.10E-08	5.92E-08
3466	481863.09, 3849377.25	0.0037	4.81E-08	4.75E-08	4.61E-08
3467	482363.09, 3849377.25	0.00325	4.23E-08	4.17E-08	4.05E-08
3468	482863.09, 3849377.25	0.0026	3.38E-08	3.34E-08	3.24E-08

3469	483363.09, 3849377.25	0.00238	3.10E-08	3.06E-08	2.97E-08
3470	483863.09, 3849377.25	0.00205	2.67E-08	2.63E-08	2.56E-08
3471	484363.09, 3849377.25	0.00316	4.11E-08	4.06E-08	3.94E-08
3472	484863.09, 3849377.25	0.00375	4.88E-08	4.82E-08	4.68E-08
3473	485363.09, 3849377.25	0.0036	4.68E-08	4.62E-08	4.49E-08
3474	485863.09, 3849377.25	0.00274	3.57E-08	3.52E-08	3.42E-08
3475	486363.09, 3849377.25	0.00222	2.89E-08	2.85E-08	2.77E-08
3476	486863.09, 3849377.25	0.00261	3.40E-08	3.35E-08	3.26E-08
3477	487363.09, 3849377.25	0.00268	3.49E-08	3.44E-08	3.34E-08
3478	487863.09, 3849377.25	0.00258	3.36E-08	3.31E-08	3.22E-08
3479	488363.09, 3849377.25	0.00239	3.11E-08	3.07E-08	2.98E-08
3480	488863.09, 3849377.25	0.00229	2.98E-08	2.94E-08	2.86E-08
3481	489363.09, 3849377.25	0.0023	2.99E-08	2.95E-08	2.87E-08
3482	489863.09, 3849377.25	0.00217	2.82E-08	2.79E-08	2.71E-08
3483	490363.09, 3849377.25	0.00195	2.54E-08	2.50E-08	2.43E-08
3484	490863.09, 3849377.25	0.00182	2.37E-08	2.34E-08	2.27E-08
3485	491363.09, 3849377.25	0.00167	2.17E-08	2.14E-08	2.08E-08
3486	491863.09, 3849377.25	0.00156	2.03E-08	2.00E-08	1.95E-08
3487	492363.09, 3849377.25	0.00143	1.86E-08	1.84E-08	1.78E-08
3488	492863.09, 3849377.25	0.00125	1.63E-08	1.61E-08	1.56E-08
3489	493363.09, 3849377.25	0.00117	1.52E-08	1.50E-08	1.46E-08
3490	493863.09, 3849377.25	0.00116	1.51E-08	1.49E-08	1.45E-08
3491	494363.09, 3849377.25	0.0012	1.56E-08	1.54E-08	1.50E-08
3492	494863.09, 3849377.25	0.00129	1.68E-08	1.66E-08	1.61E-08
3493	495363.09, 3849377.25	0.00133	1.73E-08	1.71E-08	1.66E-08
3494	495863.09, 3849377.25	0.00121	1.57E-08	1.55E-08	1.51E-08
3495	496363.09, 3849377.25	0.00123	1.60E-08	1.58E-08	1.53E-08
3496	496863.09, 3849377.25	0.00157	2.04E-08	2.02E-08	1.96E-08
3497	497363.09, 3849377.25	0.00175	2.28E-08	2.25E-08	2.18E-08
3498	497863.09, 3849377.25	0.00239	3.11E-08	3.07E-08	2.98E-08
3499	498363.09, 3849377.25	0.00239	3.11E-08	3.07E-08	2.98E-08
3500	471363.09, 3849877.25	0.00392	5.10E-08	5.03E-08	4.89E-08
3501	471863.09, 3849877.25	0.00442	5.75E-08	5.68E-08	5.51E-08
3502	472363.09, 3849877.25	0.00492	6.40E-08	6.32E-08	6.14E-08
3503	472863.09, 3849877.25	0.00526	6.85E-08	6.76E-08	6.56E-08
3504	473363.09, 3849877.25	0.0054	7.03E-08	6.94E-08	6.73E-08
3505	473863.09, 3849877.25	0.00553	7.20E-08	7.10E-08	6.90E-08
3506	474363.09, 3849877.25	0.00571	7.43E-08	7.33E-08	7.12E-08
3507	474863.09, 3849877.25	0.00593	7.72E-08	7.62E-08	7.40E-08
3508	475363.09, 3849877.25	0.00606	7.89E-08	7.78E-08	7.56E-08
3509	475863.09, 3849877.25	0.0062	8.07E-08	7.96E-08	7.73E-08
3510	476363.09, 3849877.25	0.00638	8.30E-08	8.19E-08	7.96E-08
3511	476863.09, 3849877.25	0.00656	8.54E-08	8.43E-08	8.18E-08
3512	477363.09, 3849877.25	0.00667	8.68E-08	8.57E-08	8.32E-08
3513	477863.09, 3849877.25	0.00657	8.55E-08	8.44E-08	8.19E-08
3514	478363.09, 3849877.25	0.00643	8.37E-08	8.26E-08	8.02E-08
3515	478863.09, 3849877.25	0.00664	8.64E-08	8.53E-08	8.28E-08
3516	479363.09, 3849877.25	0.00666	8.67E-08	8.55E-08	8.31E-08
3517	479863.09, 3849877.25	0.00731	9.51E-08	9.39E-08	9.12E-08
3518	480363.09, 3849877.25	0.00687	8.94E-08	8.82E-08	8.57E-08
3519	480863.09, 3849877.25	0.00628	8.17E-08	8.07E-08	7.83E-08
3520	481363.09, 3849877.25	0.00575	7.48E-08	7.39E-08	7.17E-08
3521	481863.09, 3849877.25	0.00394	5.13E-08	5.06E-08	4.91E-08
3522	482363.09, 3849877.25	0.00334	4.35E-08	4.29E-08	4.17E-08
3523	482863.09, 3849877.25	0.00281	3.66E-08	3.61E-08	3.50E-08
3524	483363.09, 3849877.25	0.00238	3.10E-08	3.06E-08	2.97E-08

3525	483863.09, 3849877.25	0.00238	3.10E-08	3.06E-08	2.97E-08
3526	484363.09, 3849877.25	0.00345	4.49E-08	4.43E-08	4.30E-08
3527	484863.09, 3849877.25	0.00463	6.03E-08	5.95E-08	5.77E-08
3528	485363.09, 3849877.25	0.00414	5.39E-08	5.32E-08	5.16E-08
3529	485863.09, 3849877.25	0.00342	4.45E-08	4.39E-08	4.27E-08
3530	486363.09, 3849877.25	0.00305	3.97E-08	3.92E-08	3.80E-08
3531	486863.09, 3849877.25	0.00327	4.26E-08	4.20E-08	4.08E-08
3532	487363.09, 3849877.25	0.00318	4.14E-08	4.08E-08	3.97E-08
3533	487863.09, 3849877.25	0.00306	3.98E-08	3.93E-08	3.82E-08
3534	488363.09, 3849877.25	0.00284	3.70E-08	3.65E-08	3.54E-08
3535	488863.09, 3849877.25	0.00269	3.50E-08	3.45E-08	3.35E-08
3536	489363.09, 3849877.25	0.00263	3.42E-08	3.38E-08	3.28E-08
3537	489863.09, 3849877.25	0.00241	3.14E-08	3.10E-08	3.01E-08
3538	490363.09, 3849877.25	0.00218	2.84E-08	2.80E-08	2.72E-08
3539	490863.09, 3849877.25	0.00203	2.64E-08	2.61E-08	2.53E-08
3540	491363.09, 3849877.25	0.00186	2.42E-08	2.39E-08	2.32E-08
3541	491863.09, 3849877.25	0.00173	2.25E-08	2.22E-08	2.16E-08
3542	492363.09, 3849877.25	0.00159	2.07E-08	2.04E-08	1.98E-08
3543	492863.09, 3849877.25	0.00143	1.86E-08	1.84E-08	1.78E-08
3544	493363.09, 3849877.25	0.00127	1.65E-08	1.63E-08	1.58E-08
3545	493863.09, 3849877.25	0.00126	1.64E-08	1.62E-08	1.57E-08
3546	494363.09, 3849877.25	0.00142	1.85E-08	1.82E-08	1.77E-08
3547	494863.09, 3849877.25	0.00152	1.98E-08	1.95E-08	1.90E-08
3548	495363.09, 3849877.25	0.00142	1.85E-08	1.82E-08	1.77E-08
3549	495863.09, 3849877.25	0.00163	2.12E-08	2.09E-08	2.03E-08
3550	496363.09, 3849877.25	0.0018	2.34E-08	2.31E-08	2.24E-08
3551	496863.09, 3849877.25	0.00194	2.52E-08	2.49E-08	2.42E-08
3552	497363.09, 3849877.25	0.00243	3.16E-08	3.12E-08	3.03E-08
3553	497863.09, 3849877.25	0.00274	3.57E-08	3.52E-08	3.42E-08
3554	498363.09, 3849877.25	0.00264	3.44E-08	3.39E-08	3.29E-08
3555	471363.09, 3850377.25	0.00335	4.36E-08	4.30E-08	4.18E-08
3556	471863.09, 3850377.25	0.00408	5.31E-08	5.24E-08	5.09E-08
3557	472363.09, 3850377.25	0.00443	5.76E-08	5.69E-08	5.53E-08
3558	472863.09, 3850377.25	0.00505	6.57E-08	6.49E-08	6.30E-08
3559	473363.09, 3850377.25	0.00539	7.01E-08	6.92E-08	6.72E-08
3560	473863.09, 3850377.25	0.00576	7.50E-08	7.40E-08	7.18E-08
3561	474363.09, 3850377.25	0.00598	7.78E-08	7.68E-08	7.46E-08
3562	474863.09, 3850377.25	0.00614	7.99E-08	7.89E-08	7.66E-08
3563	475363.09, 3850377.25	0.00638	8.30E-08	8.19E-08	7.96E-08
3564	475863.09, 3850377.25	0.0066	8.59E-08	8.48E-08	8.23E-08
3565	476363.09, 3850377.25	0.00673	8.76E-08	8.64E-08	8.39E-08
3566	476863.09, 3850377.25	0.0069	8.98E-08	8.86E-08	8.61E-08
3567	477363.09, 3850377.25	0.00713	9.28E-08	9.16E-08	8.89E-08
3568	477863.09, 3850377.25	0.00725	9.43E-08	9.31E-08	9.04E-08
3569	478363.09, 3850377.25	0.00718	9.34E-08	9.22E-08	8.95E-08
3570	478863.09, 3850377.25	0.00727	9.46E-08	9.34E-08	9.07E-08
3571	479363.09, 3850377.25	0.00749	9.75E-08	9.62E-08	9.34E-08
3572	479863.09, 3850377.25	0.00762	9.92E-08	9.79E-08	9.50E-08
3573	480363.09, 3850377.25	0.00807	1.05E-07	1.04E-07	1.01E-07
3574	480863.09, 3850377.25	0.00837	1.09E-07	1.08E-07	1.04E-07
3575	481363.09, 3850377.25	0.00667	8.68E-08	8.57E-08	8.32E-08
3576	481863.09, 3850377.25	0.00623	8.11E-08	8.00E-08	7.77E-08
3577	482363.09, 3850377.25	0.00561	7.30E-08	7.21E-08	7.00E-08
3578	482863.09, 3850377.25	0.00423	5.50E-08	5.43E-08	5.28E-08
3579	483363.09, 3850377.25	0.00328	4.27E-08	4.21E-08	4.09E-08
3580	483863.09, 3850377.25	0.00362	4.71E-08	4.65E-08	4.51E-08

3581	484363.09, 3850377.25	0.00448	5.83E-08	5.75E-08	5.59E-08
3582	484863.09, 3850377.25	0.0054	7.03E-08	6.94E-08	6.73E-08
3583	485363.09, 3850377.25	0.00519	6.75E-08	6.67E-08	6.47E-08
3584	485863.09, 3850377.25	0.00462	6.01E-08	5.93E-08	5.76E-08
3585	486363.09, 3850377.25	0.0044	5.73E-08	5.65E-08	5.49E-08
3586	486863.09, 3850377.25	0.00409	5.32E-08	5.25E-08	5.10E-08
3587	487363.09, 3850377.25	0.0038	4.95E-08	4.88E-08	4.74E-08
3588	487863.09, 3850377.25	0.00366	4.76E-08	4.70E-08	4.56E-08
3589	488363.09, 3850377.25	0.0034	4.42E-08	4.37E-08	4.24E-08
3590	488863.09, 3850377.25	0.00317	4.13E-08	4.07E-08	3.95E-08
3591	489363.09, 3850377.25	0.00301	3.92E-08	3.87E-08	3.75E-08
3592	489863.09, 3850377.25	0.00271	3.53E-08	3.48E-08	3.38E-08
3593	490363.09, 3850377.25	0.00251	3.27E-08	3.22E-08	3.13E-08
3594	490863.09, 3850377.25	0.0023	2.99E-08	2.95E-08	2.87E-08
3595	491363.09, 3850377.25	0.00212	2.76E-08	2.72E-08	2.64E-08
3596	491863.09, 3850377.25	0.00193	2.51E-08	2.48E-08	2.41E-08
3597	492363.09, 3850377.25	0.00173	2.25E-08	2.22E-08	2.16E-08
3598	492863.09, 3850377.25	0.00157	2.04E-08	2.02E-08	1.96E-08
3599	493363.09, 3850377.25	0.00145	1.89E-08	1.86E-08	1.81E-08
3600	493863.09, 3850377.25	0.00157	2.04E-08	2.02E-08	1.96E-08
3601	494363.09, 3850377.25	0.00161	2.10E-08	2.07E-08	2.01E-08
3602	494863.09, 3850377.25	0.00173	2.25E-08	2.22E-08	2.16E-08
3603	495363.09, 3850377.25	0.00202	2.63E-08	2.59E-08	2.52E-08
3604	495863.09, 3850377.25	0.00198	2.58E-08	2.54E-08	2.47E-08
3605	496363.09, 3850377.25	0.00234	3.05E-08	3.01E-08	2.92E-08
3606	496863.09, 3850377.25	0.00271	3.53E-08	3.48E-08	3.38E-08
3607	497363.09, 3850377.25	0.00306	3.98E-08	3.93E-08	3.82E-08
3608	497863.09, 3850377.25	0.00304	3.96E-08	3.90E-08	3.79E-08
3609	498363.09, 3850377.25	0.00305	3.97E-08	3.92E-08	3.80E-08
3610	471363.09, 3850877.25	0.00374	4.87E-08	4.80E-08	4.66E-08
3611	471863.09, 3850877.25	0.00409	5.32E-08	5.25E-08	5.10E-08
3612	472363.09, 3850877.25	0.00458	5.96E-08	5.88E-08	5.71E-08
3613	472863.09, 3850877.25	0.00499	6.49E-08	6.41E-08	6.22E-08
3614	473363.09, 3850877.25	0.00497	6.47E-08	6.38E-08	6.20E-08
3615	473863.09, 3850877.25	0.0055	7.16E-08	7.06E-08	6.86E-08
3616	474363.09, 3850877.25	0.00614	7.99E-08	7.89E-08	7.66E-08
3617	474863.09, 3850877.25	0.00648	8.43E-08	8.32E-08	8.08E-08
3618	475363.09, 3850877.25	0.00667	8.68E-08	8.57E-08	8.32E-08
3619	475863.09, 3850877.25	0.00689	8.97E-08	8.85E-08	8.59E-08
3620	476363.09, 3850877.25	0.00714	9.29E-08	9.17E-08	8.91E-08
3621	476863.09, 3850877.25	0.00736	9.58E-08	9.45E-08	9.18E-08
3622	477363.09, 3850877.25	0.00754	9.81E-08	9.68E-08	9.40E-08
3623	477863.09, 3850877.25	0.00778	1.01E-07	9.99E-08	9.70E-08
3624	478363.09, 3850877.25	0.00798	1.04E-07	1.02E-07	9.95E-08
3625	478863.09, 3850877.25	0.00814	1.06E-07	1.05E-07	1.02E-07
3626	479363.09, 3850877.25	0.00813	1.06E-07	1.04E-07	1.01E-07
3627	479863.09, 3850877.25	0.00817	1.06E-07	1.05E-07	1.02E-07
3628	480363.09, 3850877.25	0.00884	1.15E-07	1.14E-07	1.10E-07
3629	480863.09, 3850877.25	0.00958	1.25E-07	1.23E-07	1.19E-07
3630	481363.09, 3850877.25	0.00969	1.26E-07	1.24E-07	1.21E-07
3631	481863.09, 3850877.25	0.00903	1.18E-07	1.16E-07	1.13E-07
3632	482363.09, 3850877.25	0.00731	9.51E-08	9.39E-08	9.12E-08
3633	482863.09, 3850877.25	0.0063	8.20E-08	8.09E-08	7.86E-08
3634	483363.09, 3850877.25	0.00521	6.78E-08	6.69E-08	6.50E-08
3635	483863.09, 3850877.25	0.00493	6.42E-08	6.33E-08	6.15E-08
3636	484363.09, 3850877.25	0.00586	7.63E-08	7.53E-08	7.31E-08

3637	484863.09, 3850877.25	0.00602	7.83E-08	7.73E-08	7.51E-08
3638	485363.09, 3850877.25	0.0061	7.94E-08	7.83E-08	7.61E-08
3639	485863.09, 3850877.25	0.00538	7.00E-08	6.91E-08	6.71E-08
3640	486363.09, 3850877.25	0.00552	7.18E-08	7.09E-08	6.88E-08
3641	486863.09, 3850877.25	0.0051	6.64E-08	6.55E-08	6.36E-08
3642	487363.09, 3850877.25	0.00451	5.87E-08	5.79E-08	5.62E-08
3643	487863.09, 3850877.25	0.00435	5.66E-08	5.59E-08	5.43E-08
3644	488363.09, 3850877.25	0.00404	5.26E-08	5.19E-08	5.04E-08
3645	488863.09, 3850877.25	0.0037	4.81E-08	4.75E-08	4.61E-08
3646	489363.09, 3850877.25	0.0035	4.55E-08	4.50E-08	4.37E-08
3647	489863.09, 3850877.25	0.00314	4.09E-08	4.03E-08	3.92E-08
3648	490363.09, 3850877.25	0.003	3.90E-08	3.85E-08	3.74E-08
3649	490863.09, 3850877.25	0.00269	3.50E-08	3.45E-08	3.35E-08
3650	491363.09, 3850877.25	0.00245	3.19E-08	3.15E-08	3.06E-08
3651	491863.09, 3850877.25	0.00224	2.92E-08	2.88E-08	2.79E-08
3652	492363.09, 3850877.25	0.00202	2.63E-08	2.59E-08	2.52E-08
3653	492863.09, 3850877.25	0.00182	2.37E-08	2.34E-08	2.27E-08
3654	493363.09, 3850877.25	0.00184	2.39E-08	2.36E-08	2.29E-08
3655	493863.09, 3850877.25	0.00198	2.58E-08	2.54E-08	2.47E-08
3656	494363.09, 3850877.25	0.00197	2.56E-08	2.53E-08	2.46E-08
3657	494863.09, 3850877.25	0.00218	2.84E-08	2.80E-08	2.72E-08
3658	495363.09, 3850877.25	0.00247	3.21E-08	3.17E-08	3.08E-08
3659	495863.09, 3850877.25	0.00268	3.49E-08	3.44E-08	3.34E-08
3660	496363.09, 3850877.25	0.00293	3.81E-08	3.76E-08	3.65E-08
3661	496863.09, 3850877.25	0.00352	4.58E-08	4.52E-08	4.39E-08
3662	497363.09, 3850877.25	0.00355	4.62E-08	4.56E-08	4.43E-08
3663	497863.09, 3850877.25	0.0035	4.55E-08	4.50E-08	4.37E-08
3664	498363.09, 3850877.25	0.00358	4.66E-08	4.60E-08	4.47E-08
3665	471363.09, 3851377.25	0.004	5.21E-08	5.14E-08	4.99E-08
3666	471863.09, 3851377.25	0.00454	5.91E-08	5.83E-08	5.66E-08
3667	472363.09, 3851377.25	0.00463	6.03E-08	5.95E-08	5.77E-08
3668	472863.09, 3851377.25	0.00477	6.21E-08	6.13E-08	5.95E-08
3669	473363.09, 3851377.25	0.00462	6.01E-08	5.93E-08	5.76E-08
3670	473863.09, 3851377.25	0.0049	6.38E-08	6.29E-08	6.11E-08
3671	474363.09, 3851377.25	0.00557	7.25E-08	7.15E-08	6.95E-08
3672	474863.09, 3851377.25	0.00621	8.08E-08	7.98E-08	7.75E-08
3673	475363.09, 3851377.25	0.00682	8.88E-08	8.76E-08	8.51E-08
3674	475863.09, 3851377.25	0.00719	9.36E-08	9.23E-08	8.97E-08
3675	476363.09, 3851377.25	0.00741	9.64E-08	9.52E-08	9.24E-08
3676	476863.09, 3851377.25	0.00754	9.81E-08	9.68E-08	9.40E-08
3677	477363.09, 3851377.25	0.00803	1.04E-07	1.03E-07	1.00E-07
3678	477863.09, 3851377.25	0.00827	1.08E-07	1.06E-07	1.03E-07
3679	478363.09, 3851377.25	0.00847	1.10E-07	1.09E-07	1.06E-07
3680	478863.09, 3851377.25	0.00875	1.14E-07	1.12E-07	1.09E-07
3681	479363.09, 3851377.25	0.00894	1.16E-07	1.15E-07	1.12E-07
3682	479863.09, 3851377.25	0.00908	1.18E-07	1.17E-07	1.13E-07
3683	480363.09, 3851377.25	0.00926	1.21E-07	1.19E-07	1.15E-07
3684	480863.09, 3851377.25	0.0099	1.29E-07	1.27E-07	1.23E-07
3685	481363.09, 3851377.25	0.01084	1.41E-07	1.39E-07	1.35E-07
3686	481863.09, 3851377.25	0.01086	1.41E-07	1.39E-07	1.35E-07
3687	482363.09, 3851377.25	0.01033	1.34E-07	1.33E-07	1.29E-07
3688	482863.09, 3851377.25	0.00841	1.09E-07	1.08E-07	1.05E-07
3689	483363.09, 3851377.25	0.00688	8.95E-08	8.84E-08	8.58E-08
3690	483863.09, 3851377.25	0.00624	8.12E-08	8.01E-08	7.78E-08
3691	484363.09, 3851377.25	0.00751	9.77E-08	9.65E-08	9.37E-08
3692	484863.09, 3851377.25	0.00597	7.77E-08	7.67E-08	7.45E-08

3693	485363.09, 3851377.25	0.00745	9.70E-08	9.57E-08	9.29E-08
3694	485863.09, 3851377.25	0.00627	8.16E-08	8.05E-08	7.82E-08
3695	486363.09, 3851377.25	0.00688	8.95E-08	8.84E-08	8.58E-08
3696	486863.09, 3851377.25	0.00632	8.22E-08	8.12E-08	7.88E-08
3697	487363.09, 3851377.25	0.00502	6.53E-08	6.45E-08	6.26E-08
3698	487863.09, 3851377.25	0.0051	6.64E-08	6.55E-08	6.36E-08
3699	488363.09, 3851377.25	0.00486	6.32E-08	6.24E-08	6.06E-08
3700	488863.09, 3851377.25	0.0044	5.73E-08	5.65E-08	5.49E-08
3701	489363.09, 3851377.25	0.00414	5.39E-08	5.32E-08	5.16E-08
3702	489863.09, 3851377.25	0.00365	4.75E-08	4.69E-08	4.55E-08
3703	490363.09, 3851377.25	0.00348	4.53E-08	4.47E-08	4.34E-08
3704	490863.09, 3851377.25	0.0031	4.03E-08	3.98E-08	3.87E-08
3705	491363.09, 3851377.25	0.00282	3.67E-08	3.62E-08	3.52E-08
3706	491863.09, 3851377.25	0.00257	3.34E-08	3.30E-08	3.21E-08
3707	492363.09, 3851377.25	0.00235	3.06E-08	3.02E-08	2.93E-08
3708	492863.09, 3851377.25	0.00215	2.80E-08	2.76E-08	2.68E-08
3709	493363.09, 3851377.25	0.00201	2.62E-08	2.58E-08	2.51E-08
3710	493863.09, 3851377.25	0.00212	2.76E-08	2.72E-08	2.64E-08
3711	494363.09, 3851377.25	0.00237	3.08E-08	3.04E-08	2.96E-08
3712	494863.09, 3851377.25	0.00265	3.45E-08	3.40E-08	3.31E-08
3713	495363.09, 3851377.25	0.00318	4.14E-08	4.08E-08	3.97E-08
3714	495863.09, 3851377.25	0.0036	4.68E-08	4.62E-08	4.49E-08
3715	496363.09, 3851377.25	0.00402	5.23E-08	5.16E-08	5.01E-08
3716	496863.09, 3851377.25	0.00413	5.37E-08	5.30E-08	5.15E-08
3717	497363.09, 3851377.25	0.00415	5.40E-08	5.33E-08	5.18E-08
3718	497863.09, 3851377.25	0.00424	5.52E-08	5.45E-08	5.29E-08
3719	498363.09, 3851377.25	0.00419	5.45E-08	5.38E-08	5.23E-08
3720	471363.09, 3851877.25	0.00451	5.87E-08	5.79E-08	5.62E-08
3721	471863.09, 3851877.25	0.00437	5.69E-08	5.61E-08	5.45E-08
3722	472363.09, 3851877.25	0.00466	6.06E-08	5.99E-08	5.81E-08
3723	472863.09, 3851877.25	0.00493	6.42E-08	6.33E-08	6.15E-08
3724	473363.09, 3851877.25	0.00475	6.18E-08	6.10E-08	5.92E-08
3725	473863.09, 3851877.25	0.00486	6.32E-08	6.24E-08	6.06E-08
3726	474363.09, 3851877.25	0.00544	7.08E-08	6.99E-08	6.78E-08
3727	474863.09, 3851877.25	0.00603	7.85E-08	7.74E-08	7.52E-08
3728	475363.09, 3851877.25	0.00646	8.41E-08	8.30E-08	8.06E-08
3729	475863.09, 3851877.25	0.00691	8.99E-08	8.87E-08	8.62E-08
3730	476363.09, 3851877.25	0.00719	9.36E-08	9.23E-08	8.97E-08
3731	476863.09, 3851877.25	0.00767	9.98E-08	9.85E-08	9.57E-08
3732	477363.09, 3851877.25	0.00799	1.04E-07	1.03E-07	9.97E-08
3733	477863.09, 3851877.25	0.00835	1.09E-07	1.07E-07	1.04E-07
3734	478363.09, 3851877.25	0.00857	1.12E-07	1.10E-07	1.07E-07
3735	478863.09, 3851877.25	0.00906	1.18E-07	1.16E-07	1.13E-07
3736	479363.09, 3851877.25	0.00957	1.25E-07	1.23E-07	1.19E-07
3737	479863.09, 3851877.25	0.00993	1.29E-07	1.28E-07	1.24E-07
3738	480363.09, 3851877.25	0.01007	1.31E-07	1.29E-07	1.26E-07
3739	480863.09, 3851877.25	0.0103	1.34E-07	1.32E-07	1.28E-07
3740	481363.09, 3851877.25	0.01109	1.44E-07	1.42E-07	1.38E-07
3741	481863.09, 3851877.25	0.01195	1.56E-07	1.53E-07	1.49E-07
3742	482363.09, 3851877.25	0.01117	1.45E-07	1.43E-07	1.39E-07
3743	482863.09, 3851877.25	0.00923	1.20E-07	1.19E-07	1.15E-07
3744	483363.09, 3851877.25	0.00908	1.18E-07	1.17E-07	1.13E-07
3745	483863.09, 3851877.25	0.00881	1.15E-07	1.13E-07	1.10E-07
3746	484363.09, 3851877.25	0.00914	1.19E-07	1.17E-07	1.14E-07
3747	484863.09, 3851877.25	0.00865	1.13E-07	1.11E-07	1.08E-07
3748	485363.09, 3851877.25	0.0088	1.15E-07	1.13E-07	1.10E-07

3749	485863.09, 3851877.25	0.00852	1.11E-07	1.09E-07	1.06E-07
3750	486363.09, 3851877.25	0.00768	9.99E-08	9.86E-08	9.58E-08
3751	486863.09, 3851877.25	0.00754	9.81E-08	9.68E-08	9.40E-08
3752	487363.09, 3851877.25	0.00695	9.04E-08	8.93E-08	8.67E-08
3753	487863.09, 3851877.25	0.00546	7.11E-08	7.01E-08	6.81E-08
3754	488363.09, 3851877.25	0.0051	6.64E-08	6.55E-08	6.36E-08
3755	488863.09, 3851877.25	0.00428	5.57E-08	5.50E-08	5.34E-08
3756	489363.09, 3851877.25	0.00393	5.11E-08	5.05E-08	4.90E-08
3757	489863.09, 3851877.25	0.00351	4.57E-08	4.51E-08	4.38E-08
3758	490363.09, 3851877.25	0.00343	4.46E-08	4.41E-08	4.28E-08
3759	490863.09, 3851877.25	0.00325	4.23E-08	4.17E-08	4.05E-08
3760	491363.09, 3851877.25	0.00325	4.23E-08	4.17E-08	4.05E-08
3761	491863.09, 3851877.25	0.00305	3.97E-08	3.92E-08	3.80E-08
3762	492363.09, 3851877.25	0.00271	3.53E-08	3.48E-08	3.38E-08
3763	492863.09, 3851877.25	0.00233	3.03E-08	2.99E-08	2.91E-08
3764	493363.09, 3851877.25	0.00282	3.67E-08	3.62E-08	3.52E-08
3765	493863.09, 3851877.25	0.00323	4.20E-08	4.15E-08	4.03E-08
3766	494363.09, 3851877.25	0.00322	4.19E-08	4.14E-08	4.02E-08
3767	494863.09, 3851877.25	0.0037	4.81E-08	4.75E-08	4.61E-08
3768	495363.09, 3851877.25	0.00432	5.62E-08	5.55E-08	5.39E-08
3769	495863.09, 3851877.25	0.00481	6.26E-08	6.18E-08	6.00E-08
3770	496363.09, 3851877.25	0.00501	6.52E-08	6.43E-08	6.25E-08
3771	496863.09, 3851877.25	0.00491	6.39E-08	6.31E-08	6.12E-08
3772	497363.09, 3851877.25	0.00497	6.47E-08	6.38E-08	6.20E-08
3773	497863.09, 3851877.25	0.00487	6.34E-08	6.25E-08	6.07E-08
3774	498363.09, 3851877.25	0.00482	6.27E-08	6.19E-08	6.01E-08
3775	471363.09, 3852377.25	0.00445	5.79E-08	5.72E-08	5.55E-08
3776	471863.09, 3852377.25	0.00483	6.29E-08	6.20E-08	6.02E-08
3777	472363.09, 3852377.25	0.00504	6.56E-08	6.47E-08	6.29E-08
3778	472863.09, 3852377.25	0.00518	6.74E-08	6.65E-08	6.46E-08
3779	473363.09, 3852377.25	0.00522	6.79E-08	6.70E-08	6.51E-08
3780	473863.09, 3852377.25	0.00523	6.81E-08	6.72E-08	6.52E-08
3781	474363.09, 3852377.25	0.00532	6.92E-08	6.83E-08	6.64E-08
3782	474863.09, 3852377.25	0.00617	8.03E-08	7.92E-08	7.70E-08
3783	475363.09, 3852377.25	0.00637	8.29E-08	8.18E-08	7.94E-08
3784	475863.09, 3852377.25	0.00654	8.51E-08	8.40E-08	8.16E-08
3785	476363.09, 3852377.25	0.00664	8.64E-08	8.53E-08	8.28E-08
3786	476863.09, 3852377.25	0.00715	9.30E-08	9.18E-08	8.92E-08
3787	477363.09, 3852377.25	0.00762	9.92E-08	9.79E-08	9.50E-08
3788	477863.09, 3852377.25	0.00717	9.33E-08	9.21E-08	8.94E-08
3789	478363.09, 3852377.25	0.00677	8.81E-08	8.70E-08	8.44E-08
3790	478863.09, 3852377.25	0.008	1.04E-07	1.03E-07	9.98E-08
3791	479363.09, 3852377.25	0.00882	1.15E-07	1.13E-07	1.10E-07
3792	479863.09, 3852377.25	0.01017	1.32E-07	1.31E-07	1.27E-07
3793	480363.09, 3852377.25	0.01109	1.44E-07	1.42E-07	1.38E-07
3794	480863.09, 3852377.25	0.0113	1.47E-07	1.45E-07	1.41E-07
3795	481363.09, 3852377.25	0.01152	1.50E-07	1.48E-07	1.44E-07
3796	481863.09, 3852377.25	0.01237	1.61E-07	1.59E-07	1.54E-07
3797	482363.09, 3852377.25	0.01344	1.75E-07	1.73E-07	1.68E-07
3798	482863.09, 3852377.25	0.01356	1.76E-07	1.74E-07	1.69E-07
3799	483363.09, 3852377.25	0.01172	1.53E-07	1.51E-07	1.46E-07
3800	483863.09, 3852377.25	0.00992	1.29E-07	1.27E-07	1.24E-07
3801	484363.09, 3852377.25	0.01109	1.44E-07	1.42E-07	1.38E-07
3802	484863.09, 3852377.25	0.01115	1.45E-07	1.43E-07	1.39E-07
3803	485363.09, 3852377.25	0.01154	1.50E-07	1.48E-07	1.44E-07
3804	485863.09, 3852377.25	0.01048	1.36E-07	1.35E-07	1.31E-07

3805	486363.09, 3852377.25	0.00873	1.14E-07	1.12E-07	1.09E-07
3806	486863.09, 3852377.25	0.00815	1.06E-07	1.05E-07	1.02E-07
3807	487363.09, 3852377.25	0.00726	9.45E-08	9.32E-08	9.05E-08
3808	487863.09, 3852377.25	0.0061	7.94E-08	7.83E-08	7.61E-08
3809	488363.09, 3852377.25	0.00512	6.66E-08	6.58E-08	6.39E-08
3810	488863.09, 3852377.25	0.00414	5.39E-08	5.32E-08	5.16E-08
3811	489363.09, 3852377.25	0.00375	4.88E-08	4.82E-08	4.68E-08
3812	489863.09, 3852377.25	0.00325	4.23E-08	4.17E-08	4.05E-08
3813	490363.09, 3852377.25	0.00339	4.41E-08	4.35E-08	4.23E-08
3814	490863.09, 3852377.25	0.00343	4.46E-08	4.41E-08	4.28E-08
3815	491363.09, 3852377.25	0.00396	5.15E-08	5.09E-08	4.94E-08
3816	491863.09, 3852377.25	0.00372	4.84E-08	4.78E-08	4.64E-08
3817	492363.09, 3852377.25	0.00351	4.57E-08	4.51E-08	4.38E-08
3818	492863.09, 3852377.25	0.00386	5.02E-08	4.96E-08	4.81E-08
3819	493363.09, 3852377.25	0.00445	5.79E-08	5.72E-08	5.55E-08
3820	493863.09, 3852377.25	0.0042	5.47E-08	5.39E-08	5.24E-08
3821	494363.09, 3852377.25	0.0046	5.99E-08	5.91E-08	5.74E-08
3822	494863.09, 3852377.25	0.00509	6.62E-08	6.54E-08	6.35E-08
3823	495363.09, 3852377.25	0.0059	7.68E-08	7.58E-08	7.36E-08
3824	495863.09, 3852377.25	0.00611	7.95E-08	7.85E-08	7.62E-08
3825	496363.09, 3852377.25	0.00587	7.64E-08	7.54E-08	7.32E-08
3826	496863.09, 3852377.25	0.00597	7.77E-08	7.67E-08	7.45E-08
3827	497363.09, 3852377.25	0.00574	7.47E-08	7.37E-08	7.16E-08
3828	497863.09, 3852377.25	0.00557	7.25E-08	7.15E-08	6.95E-08
3829	498363.09, 3852377.25	0.00566	7.37E-08	7.27E-08	7.06E-08
3830	471363.09, 3852877.25	0.00468	6.09E-08	6.01E-08	5.84E-08
3831	471863.09, 3852877.25	0.00506	6.58E-08	6.50E-08	6.31E-08
3832	472363.09, 3852877.25	0.0054	7.03E-08	6.94E-08	6.73E-08
3833	472863.09, 3852877.25	0.00565	7.35E-08	7.26E-08	7.05E-08
3834	473363.09, 3852877.25	0.00589	7.66E-08	7.56E-08	7.35E-08
3835	473863.09, 3852877.25	0.00614	7.99E-08	7.89E-08	7.66E-08
3836	474363.09, 3852877.25	0.00633	8.24E-08	8.13E-08	7.89E-08
3837	474863.09, 3852877.25	0.00604	7.86E-08	7.76E-08	7.53E-08
3838	475363.09, 3852877.25	0.00635	8.26E-08	8.16E-08	7.92E-08
3839	475863.09, 3852877.25	0.00649	8.45E-08	8.34E-08	8.09E-08
3840	476363.09, 3852877.25	0.00636	8.28E-08	8.17E-08	7.93E-08
3841	476863.09, 3852877.25	0.00598	7.78E-08	7.68E-08	7.46E-08
3842	477363.09, 3852877.25	0.0057	7.42E-08	7.32E-08	7.11E-08
3843	477863.09, 3852877.25	0.00544	7.08E-08	6.99E-08	6.78E-08
3844	478363.09, 3852877.25	0.00454	5.91E-08	5.83E-08	5.66E-08
3845	478863.09, 3852877.25	0.0053	6.90E-08	6.81E-08	6.61E-08
3846	479363.09, 3852877.25	0.00681	8.86E-08	8.75E-08	8.49E-08
3847	479863.09, 3852877.25	0.00974	1.27E-07	1.25E-07	1.21E-07
3848	480363.09, 3852877.25	0.01169	1.52E-07	1.50E-07	1.46E-07
3849	480863.09, 3852877.25	0.01222	1.59E-07	1.57E-07	1.52E-07
3850	481363.09, 3852877.25	0.01287	1.67E-07	1.65E-07	1.61E-07
3851	481863.09, 3852877.25	0.01309	1.70E-07	1.68E-07	1.63E-07
3852	482363.09, 3852877.25	0.01392	1.81E-07	1.79E-07	1.74E-07
3853	482863.09, 3852877.25	0.01524	1.98E-07	1.96E-07	1.90E-07
3854	483363.09, 3852877.25	0.01532	1.99E-07	1.97E-07	1.91E-07
3855	483863.09, 3852877.25	0.0128	1.67E-07	1.64E-07	1.60E-07
3856	484363.09, 3852877.25	0.01325	1.72E-07	1.70E-07	1.65E-07
3857	484863.09, 3852877.25	0.01395	1.82E-07	1.79E-07	1.74E-07
3858	485363.09, 3852877.25	0.01121	1.46E-07	1.44E-07	1.40E-07
3859	485863.09, 3852877.25	0.01008	1.31E-07	1.29E-07	1.26E-07
3860	486363.09, 3852877.25	0.00843	1.10E-07	1.08E-07	1.05E-07

3861	486863.09, 3852877.25	0.00779	1.01E-07	1.00E-07	9.72E-08
3862	487363.09, 3852877.25	0.00676	8.80E-08	8.68E-08	8.43E-08
3863	487863.09, 3852877.25	0.00602	7.83E-08	7.73E-08	7.51E-08
3864	488363.09, 3852877.25	0.00405	5.27E-08	5.20E-08	5.05E-08
3865	488863.09, 3852877.25	0.00398	5.18E-08	5.11E-08	4.96E-08
3866	489363.09, 3852877.25	0.0039	5.08E-08	5.01E-08	4.86E-08
3867	489863.09, 3852877.25	0.00378	4.92E-08	4.85E-08	4.71E-08
3868	490363.09, 3852877.25	0.00453	5.90E-08	5.82E-08	5.65E-08
3869	490863.09, 3852877.25	0.0049	6.38E-08	6.29E-08	6.11E-08
3870	491363.09, 3852877.25	0.00508	6.61E-08	6.52E-08	6.34E-08
3871	491863.09, 3852877.25	0.00477	6.21E-08	6.13E-08	5.95E-08
3872	492363.09, 3852877.25	0.00483	6.29E-08	6.20E-08	6.02E-08
3873	492863.09, 3852877.25	0.00547	7.12E-08	7.03E-08	6.82E-08
3874	493363.09, 3852877.25	0.00586	7.63E-08	7.53E-08	7.31E-08
3875	493863.09, 3852877.25	0.00616	8.02E-08	7.91E-08	7.68E-08
3876	494363.09, 3852877.25	0.00616	8.02E-08	7.91E-08	7.68E-08
3877	494863.09, 3852877.25	0.0071	9.24E-08	9.12E-08	8.86E-08
3878	495363.09, 3852877.25	0.00729	9.49E-08	9.36E-08	9.09E-08
3879	495863.09, 3852877.25	0.00699	9.10E-08	8.98E-08	8.72E-08
3880	496363.09, 3852877.25	0.00728	9.47E-08	9.35E-08	9.08E-08
3881	496863.09, 3852877.25	0.00745	9.70E-08	9.57E-08	9.29E-08
3882	497363.09, 3852877.25	0.00695	9.04E-08	8.93E-08	8.67E-08
3883	497863.09, 3852877.25	0.0062	8.07E-08	7.96E-08	7.73E-08
3884	498363.09, 3852877.25	0.00668	8.69E-08	8.58E-08	8.33E-08
3885	471363.09, 3853377.25	0.00472	6.14E-08	6.06E-08	5.89E-08
3886	471863.09, 3853377.25	0.00508	6.61E-08	6.52E-08	6.34E-08
3887	472363.09, 3853377.25	0.00544	7.08E-08	6.99E-08	6.78E-08
3888	472863.09, 3853377.25	0.0058	7.55E-08	7.45E-08	7.23E-08
3889	473363.09, 3853377.25	0.00607	7.90E-08	7.80E-08	7.57E-08
3890	473863.09, 3853377.25	0.00635	8.26E-08	8.16E-08	7.92E-08
3891	474363.09, 3853377.25	0.00658	8.56E-08	8.45E-08	8.21E-08
3892	474863.09, 3853377.25	0.0065	8.46E-08	8.35E-08	8.11E-08
3893	475363.09, 3853377.25	0.00646	8.41E-08	8.30E-08	8.06E-08
3894	475863.09, 3853377.25	0.00636	8.28E-08	8.17E-08	7.93E-08
3895	476363.09, 3853377.25	0.00598	7.78E-08	7.68E-08	7.46E-08
3896	476863.09, 3853377.25	0.00535	6.96E-08	6.87E-08	6.67E-08
3897	477363.09, 3853377.25	0.00523	6.81E-08	6.72E-08	6.52E-08
3898	477863.09, 3853377.25	0.00525	6.83E-08	6.74E-08	6.55E-08
3899	478363.09, 3853377.25	0.0046	5.99E-08	5.91E-08	5.74E-08
3900	478863.09, 3853377.25	0.00364	4.74E-08	4.68E-08	4.54E-08
3901	479363.09, 3853377.25	0.00587	7.64E-08	7.54E-08	7.32E-08
3902	479863.09, 3853377.25	0.00807	1.05E-07	1.04E-07	1.01E-07
3903	480363.09, 3853377.25	0.01117	1.45E-07	1.43E-07	1.39E-07
3904	480863.09, 3853377.25	0.01131	1.47E-07	1.45E-07	1.41E-07
3905	481363.09, 3853377.25	0.0134	1.74E-07	1.72E-07	1.67E-07
3906	481863.09, 3853377.25	0.01472	1.92E-07	1.89E-07	1.84E-07
3907	482363.09, 3853377.25	0.01503	1.96E-07	1.93E-07	1.87E-07
3908	482863.09, 3853377.25	0.01576	2.05E-07	2.02E-07	1.97E-07
3909	483363.09, 3853377.25	0.01676	2.18E-07	2.15E-07	2.09E-07
3910	483863.09, 3853377.25	0.01718	2.24E-07	2.21E-07	2.14E-07
3911	484363.09, 3853377.25	0.01686	2.19E-07	2.17E-07	2.10E-07
3912	484863.09, 3853377.25	0.01459	1.90E-07	1.87E-07	1.82E-07
3913	485363.09, 3853377.25	0.01103	1.44E-07	1.42E-07	1.38E-07
3914	485863.09, 3853377.25	0.00806	1.05E-07	1.04E-07	1.01E-07
3915	486363.09, 3853377.25	0.00808	1.05E-07	1.04E-07	1.01E-07
3916	486863.09, 3853377.25	0.00775	1.01E-07	9.95E-08	9.67E-08

3917	487363.09, 3853377.25	0.00805	1.05E-07	1.03E-07	1.00E-07
3918	487863.09, 3853377.25	0.00793	1.03E-07	1.02E-07	9.89E-08
3919	488363.09, 3853377.25	0.00843	1.10E-07	1.08E-07	1.05E-07
3920	488863.09, 3853377.25	0.00776	1.01E-07	9.97E-08	9.68E-08
3921	489363.09, 3853377.25	0.00711	9.25E-08	9.13E-08	8.87E-08
3922	489863.09, 3853377.25	0.00636	8.28E-08	8.17E-08	7.93E-08
3923	490363.09, 3853377.25	0.00648	8.43E-08	8.32E-08	8.08E-08
3924	490863.09, 3853377.25	0.00668	8.69E-08	8.58E-08	8.33E-08
3925	491363.09, 3853377.25	0.00668	8.69E-08	8.58E-08	8.33E-08
3926	491863.09, 3853377.25	0.00651	8.47E-08	8.36E-08	8.12E-08
3927	492363.09, 3853377.25	0.00691	8.99E-08	8.87E-08	8.62E-08
3928	492863.09, 3853377.25	0.00788	1.03E-07	1.01E-07	9.83E-08
3929	493363.09, 3853377.25	0.00796	1.04E-07	1.02E-07	9.93E-08
3930	493863.09, 3853377.25	0.00854	1.11E-07	1.10E-07	1.07E-07
3931	494363.09, 3853377.25	0.00869	1.13E-07	1.12E-07	1.08E-07
3932	494863.09, 3853377.25	0.00899	1.17E-07	1.15E-07	1.12E-07
3933	495363.09, 3853377.25	0.00914	1.19E-07	1.17E-07	1.14E-07
3934	495863.09, 3853377.25	0.00912	1.19E-07	1.17E-07	1.14E-07
3935	496363.09, 3853377.25	0.00903	1.18E-07	1.16E-07	1.13E-07
3936	496863.09, 3853377.25	0.0088	1.15E-07	1.13E-07	1.10E-07
3937	497363.09, 3853377.25	0.00859	1.12E-07	1.10E-07	1.07E-07
3938	497863.09, 3853377.25	0.00715	9.30E-08	9.18E-08	8.92E-08
3939	498363.09, 3853377.25	0.00674	8.77E-08	8.66E-08	8.41E-08
3940	471363.09, 3853877.25	0.00489	6.36E-08	6.28E-08	6.10E-08
3941	471863.09, 3853877.25	0.00522	6.79E-08	6.70E-08	6.51E-08
3942	472363.09, 3853877.25	0.00543	7.07E-08	6.97E-08	6.77E-08
3943	472863.09, 3853877.25	0.00573	7.46E-08	7.36E-08	7.15E-08
3944	473363.09, 3853877.25	0.00597	7.77E-08	7.67E-08	7.45E-08
3945	473863.09, 3853877.25	0.00624	8.12E-08	8.01E-08	7.78E-08
3946	474363.09, 3853877.25	0.00658	8.56E-08	8.45E-08	8.21E-08
3947	474863.09, 3853877.25	0.00683	8.89E-08	8.77E-08	8.52E-08
3948	475363.09, 3853877.25	0.00674	8.77E-08	8.66E-08	8.41E-08
3949	475863.09, 3853877.25	0.00611	7.95E-08	7.85E-08	7.62E-08
3950	476363.09, 3853877.25	0.00534	6.95E-08	6.86E-08	6.66E-08
3951	476863.09, 3853877.25	0.00433	5.63E-08	5.56E-08	5.40E-08
3952	477363.09, 3853877.25	0.00454	5.91E-08	5.83E-08	5.66E-08
3953	477863.09, 3853877.25	0.00494	6.43E-08	6.34E-08	6.16E-08
3954	478363.09, 3853877.25	0.00506	6.58E-08	6.50E-08	6.31E-08
3955	478863.09, 3853877.25	0.00365	4.75E-08	4.69E-08	4.55E-08
3956	479363.09, 3853877.25	0.00481	6.26E-08	6.18E-08	6.00E-08
3957	479863.09, 3853877.25	0.00781	1.02E-07	1.00E-07	9.74E-08
3958	480363.09, 3853877.25	0.01012	1.32E-07	1.30E-07	1.26E-07
3959	480863.09, 3853877.25	0.01301	1.69E-07	1.67E-07	1.62E-07
3960	481363.09, 3853877.25	0.01466	1.91E-07	1.88E-07	1.83E-07
3961	481863.09, 3853877.25	0.01633	2.13E-07	2.10E-07	2.04E-07
3962	482363.09, 3853877.25	0.01703	2.22E-07	2.19E-07	2.12E-07
3963	482863.09, 3853877.25	0.01709	2.22E-07	2.19E-07	2.13E-07
3964	483363.09, 3853877.25	0.01714	2.23E-07	2.20E-07	2.14E-07
3965	483863.09, 3853877.25	0.01918	2.50E-07	2.46E-07	2.39E-07
3966	484363.09, 3853877.25	0.01863	2.42E-07	2.39E-07	2.32E-07
3967	484863.09, 3853877.25	0.01478	1.92E-07	1.90E-07	1.84E-07
3968	485363.09, 3853877.25	0.01039	1.35E-07	1.33E-07	1.30E-07
3969	485863.09, 3853877.25	0.01125	1.46E-07	1.44E-07	1.40E-07
3970	486363.09, 3853877.25	0.01082	1.41E-07	1.39E-07	1.35E-07
3971	486863.09, 3853877.25	0.00977	1.27E-07	1.25E-07	1.22E-07
3972	487363.09, 3853877.25	0.01008	1.31E-07	1.29E-07	1.26E-07

3973	487863.09, 3853877.25	0.0114	1.48E-07	1.46E-07	1.42E-07
3974	488363.09, 3853877.25	0.01178	1.53E-07	1.51E-07	1.47E-07
3975	488863.09, 3853877.25	0.01246	1.62E-07	1.60E-07	1.55E-07
3976	489363.09, 3853877.25	0.01131	1.47E-07	1.45E-07	1.41E-07
3977	489863.09, 3853877.25	0.01059	1.38E-07	1.36E-07	1.32E-07
3978	490363.09, 3853877.25	0.00987	1.28E-07	1.27E-07	1.23E-07
3979	490863.09, 3853877.25	0.00971	1.26E-07	1.25E-07	1.21E-07
3980	491363.09, 3853877.25	0.00974	1.27E-07	1.25E-07	1.21E-07
3981	491863.09, 3853877.25	0.00963	1.25E-07	1.24E-07	1.20E-07
3982	492363.09, 3853877.25	0.01021	1.33E-07	1.31E-07	1.27E-07
3983	492863.09, 3853877.25	0.0114	1.48E-07	1.46E-07	1.42E-07
3984	493363.09, 3853877.25	0.0118	1.54E-07	1.52E-07	1.47E-07
3985	493863.09, 3853877.25	0.01137	1.48E-07	1.46E-07	1.42E-07
3986	494363.09, 3853877.25	0.01276	1.66E-07	1.64E-07	1.59E-07
3987	494863.09, 3853877.25	0.01272	1.66E-07	1.63E-07	1.59E-07
3988	495363.09, 3853877.25	0.01114	1.45E-07	1.43E-07	1.39E-07
3989	495863.09, 3853877.25	0.01064	1.38E-07	1.37E-07	1.33E-07
3990	496363.09, 3853877.25	0.0112	1.46E-07	1.44E-07	1.40E-07
3991	496863.09, 3853877.25	0.01126	1.47E-07	1.45E-07	1.40E-07
3992	497363.09, 3853877.25	0.01124	1.46E-07	1.44E-07	1.40E-07
3993	497863.09, 3853877.25	0.01035	1.35E-07	1.33E-07	1.29E-07
3994	498363.09, 3853877.25	0.01007	1.31E-07	1.29E-07	1.26E-07
3995	471363.09, 3854377.25	0.00525	6.83E-08	6.74E-08	6.55E-08
3996	471863.09, 3854377.25	0.00558	7.26E-08	7.17E-08	6.96E-08
3997	472363.09, 3854377.25	0.00579	7.53E-08	7.44E-08	7.22E-08
3998	472863.09, 3854377.25	0.00594	7.73E-08	7.63E-08	7.41E-08
3999	473363.09, 3854377.25	0.00617	8.03E-08	7.92E-08	7.70E-08
4000	473863.09, 3854377.25	0.00647	8.42E-08	8.31E-08	8.07E-08
4001	474363.09, 3854377.25	0.00677	8.81E-08	8.70E-08	8.44E-08
4002	474863.09, 3854377.25	0.00669	8.71E-08	8.59E-08	8.34E-08
4003	475363.09, 3854377.25	0.0062	8.07E-08	7.96E-08	7.73E-08
4004	475863.09, 3854377.25	0.00478	6.22E-08	6.14E-08	5.96E-08
4005	476363.09, 3854377.25	0.00436	5.67E-08	5.60E-08	5.44E-08
4006	476863.09, 3854377.25	0.00419	5.45E-08	5.38E-08	5.23E-08
4007	477363.09, 3854377.25	0.00409	5.32E-08	5.25E-08	5.10E-08
4008	477863.09, 3854377.25	0.00406	5.28E-08	5.21E-08	5.06E-08
4009	478363.09, 3854377.25	0.00456	5.93E-08	5.86E-08	5.69E-08
4010	478863.09, 3854377.25	0.00475	6.18E-08	6.10E-08	5.92E-08
4011	479363.09, 3854377.25	0.0067	8.72E-08	8.61E-08	8.36E-08
4012	479863.09, 3854377.25	0.00802	1.04E-07	1.03E-07	1.00E-07
4013	480363.09, 3854377.25	0.00986	1.28E-07	1.27E-07	1.23E-07
4014	480863.09, 3854377.25	0.01264	1.64E-07	1.62E-07	1.58E-07
4015	481363.09, 3854377.25	0.01532	1.99E-07	1.97E-07	1.91E-07
4016	481863.09, 3854377.25	0.01792	2.33E-07	2.30E-07	2.24E-07
4017	482363.09, 3854377.25	0.01894	2.46E-07	2.43E-07	2.36E-07
4018	482863.09, 3854377.25	0.01943	2.53E-07	2.50E-07	2.42E-07
4019	483363.09, 3854377.25	0.01952	2.54E-07	2.51E-07	2.43E-07
4020	483863.09, 3854377.25	0.01837	2.39E-07	2.36E-07	2.29E-07
4021	484363.09, 3854377.25	0.01717	2.23E-07	2.21E-07	2.14E-07
4022	484863.09, 3854377.25	0.01408	1.83E-07	1.81E-07	1.76E-07
4023	485363.09, 3854377.25	0.0157	2.04E-07	2.02E-07	1.96E-07
4024	485863.09, 3854377.25	0.01306	1.70E-07	1.68E-07	1.63E-07
4025	486363.09, 3854377.25	0.01401	1.82E-07	1.80E-07	1.75E-07
4026	486863.09, 3854377.25	0.0134	1.74E-07	1.72E-07	1.67E-07
4027	487363.09, 3854377.25	0.01423	1.85E-07	1.83E-07	1.77E-07
4028	487863.09, 3854377.25	0.01605	2.09E-07	2.06E-07	2.00E-07

4029	488363.09, 3854377.25	0.01687	2.20E-07	2.17E-07	2.10E-07
4030	488863.09, 3854377.25	0.01701	2.21E-07	2.18E-07	2.12E-07
4031	489363.09, 3854377.25	0.0179	2.33E-07	2.30E-07	2.23E-07
4032	489863.09, 3854377.25	0.01691	2.20E-07	2.17E-07	2.11E-07
4033	490363.09, 3854377.25	0.01557	2.03E-07	2.00E-07	1.94E-07
4034	490863.09, 3854377.25	0.01122	1.46E-07	1.44E-07	1.40E-07
4035	491363.09, 3854377.25	0.01327	1.73E-07	1.70E-07	1.66E-07
4036	491863.09, 3854377.25	0.01462	1.90E-07	1.88E-07	1.82E-07
4037	492363.09, 3854377.25	0.01582	2.06E-07	2.03E-07	1.97E-07
4038	492863.09, 3854377.25	0.01621	2.11E-07	2.08E-07	2.02E-07
4039	493363.09, 3854377.25	0.01562	2.03E-07	2.01E-07	1.95E-07
4040	493863.09, 3854377.25	0.01721	2.24E-07	2.21E-07	2.15E-07
4041	494363.09, 3854377.25	0.01781	2.32E-07	2.29E-07	2.22E-07
4042	494863.09, 3854377.25	0.01409	1.83E-07	1.81E-07	1.76E-07
4043	495363.09, 3854377.25	0.01227	1.60E-07	1.58E-07	1.53E-07
4044	495863.09, 3854377.25	0.01241	1.61E-07	1.59E-07	1.55E-07
4045	496363.09, 3854377.25	0.01363	1.77E-07	1.75E-07	1.70E-07
4046	496863.09, 3854377.25	0.01388	1.81E-07	1.78E-07	1.73E-07
4047	497363.09, 3854377.25	0.0129	1.68E-07	1.66E-07	1.61E-07
4048	497863.09, 3854377.25	0.0144	1.87E-07	1.85E-07	1.80E-07
4049	498363.09, 3854377.25	0.0139	1.81E-07	1.79E-07	1.73E-07
4050	471363.09, 3854877.25	0.00543	7.07E-08	6.97E-08	6.77E-08
4051	471863.09, 3854877.25	0.00577	7.51E-08	7.41E-08	7.20E-08
4052	472363.09, 3854877.25	0.00605	7.87E-08	7.77E-08	7.55E-08
4053	472863.09, 3854877.25	0.00616	8.02E-08	7.91E-08	7.68E-08
4054	473363.09, 3854877.25	0.00655	8.52E-08	8.41E-08	8.17E-08
4055	473863.09, 3854877.25	0.00688	8.95E-08	8.84E-08	8.58E-08
4056	474363.09, 3854877.25	0.00731	9.51E-08	9.39E-08	9.12E-08
4057	474863.09, 3854877.25	0.00653	8.50E-08	8.39E-08	8.14E-08
4058	475363.09, 3854877.25	0.00553	7.20E-08	7.10E-08	6.90E-08
4059	475863.09, 3854877.25	0.00445	5.79E-08	5.72E-08	5.55E-08
4060	476363.09, 3854877.25	0.003	3.90E-08	3.85E-08	3.74E-08
4061	476863.09, 3854877.25	0.00294	3.83E-08	3.78E-08	3.67E-08
4062	477363.09, 3854877.25	0.00347	4.52E-08	4.46E-08	4.33E-08
4063	477863.09, 3854877.25	0.00395	5.14E-08	5.07E-08	4.93E-08
4064	478363.09, 3854877.25	0.00511	6.65E-08	6.56E-08	6.37E-08
4065	478863.09, 3854877.25	0.00671	8.73E-08	8.62E-08	8.37E-08
4066	479363.09, 3854877.25	0.00861	1.12E-07	1.11E-07	1.07E-07
4067	479863.09, 3854877.25	0.01049	1.37E-07	1.35E-07	1.31E-07
4068	480363.09, 3854877.25	0.01194	1.55E-07	1.53E-07	1.49E-07
4069	480863.09, 3854877.25	0.01422	1.85E-07	1.83E-07	1.77E-07
4070	481363.09, 3854877.25	0.01569	2.04E-07	2.02E-07	1.96E-07
4071	481863.09, 3854877.25	0.01628	2.12E-07	2.09E-07	2.03E-07
4072	482363.09, 3854877.25	0.02085	2.71E-07	2.68E-07	2.60E-07
4073	482863.09, 3854877.25	0.02197	2.86E-07	2.82E-07	2.74E-07
4074	483363.09, 3854877.25	0.02302	3.00E-07	2.96E-07	2.87E-07
4075	483863.09, 3854877.25	0.02279	2.97E-07	2.93E-07	2.84E-07
4076	484363.09, 3854877.25	0.02112	2.75E-07	2.71E-07	2.63E-07
4077	484863.09, 3854877.25	0.02205	2.87E-07	2.83E-07	2.75E-07
4078	485363.09, 3854877.25	0.02268	2.95E-07	2.91E-07	2.83E-07
4079	485863.09, 3854877.25	0.0203	2.64E-07	2.61E-07	2.53E-07
4080	486363.09, 3854877.25	0.01917	2.49E-07	2.46E-07	2.39E-07
4081	486863.09, 3854877.25	0.01882	2.45E-07	2.42E-07	2.35E-07
4082	487363.09, 3854877.25	0.02007	2.61E-07	2.58E-07	2.50E-07
4083	487863.09, 3854877.25	0.02206	2.87E-07	2.83E-07	2.75E-07
4084	488363.09, 3854877.25	0.02388	3.11E-07	3.07E-07	2.98E-07

4085	488863.09, 3854877.25	0.02545	3.31E-07	3.27E-07	3.17E-07
4086	489363.09, 3854877.25	0.02646	3.44E-07	3.40E-07	3.30E-07
4087	489863.09, 3854877.25	0.02455	3.19E-07	3.15E-07	3.06E-07
4088	490363.09, 3854877.25	0.01583	2.06E-07	2.03E-07	1.97E-07
4089	490863.09, 3854877.25	0.00941	1.22E-07	1.21E-07	1.17E-07
4090	491363.09, 3854877.25	0.01061	1.38E-07	1.36E-07	1.32E-07
4091	491863.09, 3854877.25	0.02206	2.87E-07	2.83E-07	2.75E-07
4092	492363.09, 3854877.25	0.02431	3.16E-07	3.12E-07	3.03E-07
4093	492863.09, 3854877.25	0.02442	3.18E-07	3.14E-07	3.05E-07
4094	493363.09, 3854877.25	0.02451	3.19E-07	3.15E-07	3.06E-07
4095	493863.09, 3854877.25	0.02573	3.35E-07	3.30E-07	3.21E-07
4096	494363.09, 3854877.25	0.01825	2.37E-07	2.34E-07	2.28E-07
4097	494863.09, 3854877.25	0.01528	1.99E-07	1.96E-07	1.91E-07
4098	495363.09, 3854877.25	0.0154	2.00E-07	1.98E-07	1.92E-07
4099	495863.09, 3854877.25	0.01619	2.11E-07	2.08E-07	2.02E-07
4100	496363.09, 3854877.25	0.01568	2.04E-07	2.01E-07	1.96E-07
4101	496863.09, 3854877.25	0.01558	2.03E-07	2.00E-07	1.94E-07
4102	497363.09, 3854877.25	0.0162	2.11E-07	2.08E-07	2.02E-07
4103	497863.09, 3854877.25	0.01832	2.38E-07	2.35E-07	2.28E-07
4104	498363.09, 3854877.25	0.0188	2.45E-07	2.41E-07	2.34E-07
4105	471363.09, 3855377.25	0.00539	7.01E-08	6.92E-08	6.72E-08
4106	471863.09, 3855377.25	0.00562	7.31E-08	7.22E-08	7.01E-08
4107	472363.09, 3855377.25	0.006	7.81E-08	7.71E-08	7.48E-08
4108	472863.09, 3855377.25	0.00625	8.13E-08	8.03E-08	7.80E-08
4109	473363.09, 3855377.25	0.00677	8.81E-08	8.70E-08	8.44E-08
4110	473863.09, 3855377.25	0.00724	9.42E-08	9.30E-08	9.03E-08
4111	474363.09, 3855377.25	0.00767	9.98E-08	9.85E-08	9.57E-08
4112	474863.09, 3855377.25	0.00694	9.03E-08	8.91E-08	8.66E-08
4113	475363.09, 3855377.25	0.00407	5.30E-08	5.23E-08	5.08E-08
4114	475863.09, 3855377.25	0.00314	4.09E-08	4.03E-08	3.92E-08
4115	476363.09, 3855377.25	0.00361	4.70E-08	4.64E-08	4.50E-08
4116	476863.09, 3855377.25	0.0035	4.55E-08	4.50E-08	4.37E-08
4117	477363.09, 3855377.25	0.00381	4.96E-08	4.89E-08	4.75E-08
4118	477863.09, 3855377.25	0.00473	6.16E-08	6.08E-08	5.90E-08
4119	478363.09, 3855377.25	0.00587	7.64E-08	7.54E-08	7.32E-08
4120	478863.09, 3855377.25	0.00708	9.21E-08	9.09E-08	8.83E-08
4121	479363.09, 3855377.25	0.00884	1.15E-07	1.14E-07	1.10E-07
4122	479863.09, 3855377.25	0.01046	1.36E-07	1.34E-07	1.30E-07
4123	480363.09, 3855377.25	0.01311	1.71E-07	1.68E-07	1.64E-07
4124	480863.09, 3855377.25	0.01577	2.05E-07	2.03E-07	1.97E-07
4125	481363.09, 3855377.25	0.01807	2.35E-07	2.32E-07	2.25E-07
4126	481863.09, 3855377.25	0.02002	2.61E-07	2.57E-07	2.50E-07
4127	482363.09, 3855377.25	0.02226	2.90E-07	2.86E-07	2.78E-07
4128	482863.09, 3855377.25	0.0242	3.15E-07	3.11E-07	3.02E-07
4129	483363.09, 3855377.25	0.0262	3.41E-07	3.37E-07	3.27E-07
4130	483863.09, 3855377.25	0.02789	3.63E-07	3.58E-07	3.48E-07
4131	484363.09, 3855377.25	0.02797	3.64E-07	3.59E-07	3.49E-07
4132	484863.09, 3855377.25	0.02856	3.72E-07	3.67E-07	3.56E-07
4133	485363.09, 3855377.25	0.03039	3.95E-07	3.90E-07	3.79E-07
4134	485863.09, 3855377.25	0.03186	4.15E-07	4.09E-07	3.97E-07
4135	486363.09, 3855377.25	0.02801	3.65E-07	3.60E-07	3.49E-07
4136	486863.09, 3855377.25	0.0266	3.46E-07	3.42E-07	3.32E-07
4137	487363.09, 3855377.25	0.0291	3.79E-07	3.74E-07	3.63E-07
4138	487863.09, 3855377.25	0.0314	4.09E-07	4.03E-07	3.92E-07
4139	488363.09, 3855377.25	0.034	4.42E-07	4.37E-07	4.24E-07
4140	488863.09, 3855377.25	0.03656	4.76E-07	4.70E-07	4.56E-07

4141	489363.09, 3855377.25	0.03849	5.01E-07	4.94E-07	4.80E-07
4142	489863.09, 3855377.25	0.03758	4.89E-07	4.83E-07	4.69E-07
4143	490363.09, 3855377.25	0.04142	5.39E-07	5.32E-07	5.17E-07
4144	490863.09, 3855377.25	0.01918	2.50E-07	2.46E-07	2.39E-07
4145	491363.09, 3855377.25	0.01523	1.98E-07	1.96E-07	1.90E-07
4146	491863.09, 3855377.25	0.0352	4.58E-07	4.52E-07	4.39E-07
4147	492363.09, 3855377.25	0.03735	4.86E-07	4.80E-07	4.66E-07
4148	492863.09, 3855377.25	0.03647	4.75E-07	4.68E-07	4.55E-07
4149	493363.09, 3855377.25	0.03554	4.62E-07	4.56E-07	4.43E-07
4150	493863.09, 3855377.25	0.02579	3.36E-07	3.31E-07	3.22E-07
4151	494363.09, 3855377.25	0.02315	3.01E-07	2.97E-07	2.89E-07
4152	494863.09, 3855377.25	0.02172	2.83E-07	2.79E-07	2.71E-07
4153	495363.09, 3855377.25	0.02112	2.75E-07	2.71E-07	2.63E-07
4154	495863.09, 3855377.25	0.02056	2.68E-07	2.64E-07	2.56E-07
4155	496363.09, 3855377.25	0.0214	2.78E-07	2.75E-07	2.67E-07
4156	496863.09, 3855377.25	0.02195	2.86E-07	2.82E-07	2.74E-07
4157	497363.09, 3855377.25	0.02294	2.99E-07	2.95E-07	2.86E-07
4158	497863.09, 3855377.25	0.02441	3.18E-07	3.14E-07	3.04E-07
4159	498363.09, 3855377.25	0.02605	3.39E-07	3.35E-07	3.25E-07
4160	471363.09, 3855877.25	0.00552	7.18E-08	7.09E-08	6.88E-08
4161	471863.09, 3855877.25	0.00574	7.47E-08	7.37E-08	7.16E-08
4162	472363.09, 3855877.25	0.00617	8.03E-08	7.92E-08	7.70E-08
4163	472863.09, 3855877.25	0.00631	8.21E-08	8.10E-08	7.87E-08
4164	473363.09, 3855877.25	0.00687	8.94E-08	8.82E-08	8.57E-08
4165	473863.09, 3855877.25	0.00731	9.51E-08	9.39E-08	9.12E-08
4166	474363.09, 3855877.25	0.00765	9.96E-08	9.83E-08	9.54E-08
4167	474863.09, 3855877.25	0.00669	8.71E-08	8.59E-08	8.34E-08
4168	475363.09, 3855877.25	0.00497	6.47E-08	6.38E-08	6.20E-08
4169	475863.09, 3855877.25	0.00256	3.33E-08	3.29E-08	3.19E-08
4170	476363.09, 3855877.25	0.00271	3.53E-08	3.48E-08	3.38E-08
4171	476863.09, 3855877.25	0.0038	4.95E-08	4.88E-08	4.74E-08
4172	477363.09, 3855877.25	0.00448	5.83E-08	5.75E-08	5.59E-08
4173	477863.09, 3855877.25	0.00524	6.82E-08	6.73E-08	6.54E-08
4174	478363.09, 3855877.25	0.00646	8.41E-08	8.30E-08	8.06E-08
4175	478863.09, 3855877.25	0.00786	1.02E-07	1.01E-07	9.80E-08
4176	479363.09, 3855877.25	0.00982	1.28E-07	1.26E-07	1.22E-07
4177	479863.09, 3855877.25	0.01174	1.53E-07	1.51E-07	1.46E-07
4178	480363.09, 3855877.25	0.01422	1.85E-07	1.83E-07	1.77E-07
4179	480863.09, 3855877.25	0.01713	2.23E-07	2.20E-07	2.14E-07
4180	481363.09, 3855877.25	0.01791	2.33E-07	2.30E-07	2.23E-07
4181	481863.09, 3855877.25	0.02197	2.86E-07	2.82E-07	2.74E-07
4182	482363.09, 3855877.25	0.02413	3.14E-07	3.10E-07	3.01E-07
4183	482863.09, 3855877.25	0.02595	3.38E-07	3.33E-07	3.24E-07
4184	483363.09, 3855877.25	0.02827	3.68E-07	3.63E-07	3.53E-07
4185	483863.09, 3855877.25	0.03113	4.05E-07	4.00E-07	3.88E-07
4186	484363.09, 3855877.25	0.03405	4.43E-07	4.37E-07	4.25E-07
4187	484863.09, 3855877.25	0.03567	4.64E-07	4.58E-07	4.45E-07
4188	485363.09, 3855877.25	0.03705	4.82E-07	4.76E-07	4.62E-07
4189	485863.09, 3855877.25	0.03986	5.19E-07	5.12E-07	4.97E-07
4190	486363.09, 3855877.25	0.04051	5.27E-07	5.20E-07	5.05E-07
4191	486863.09, 3855877.25	0.03793	4.94E-07	4.87E-07	4.73E-07
4192	487363.09, 3855877.25	0.04173	5.43E-07	5.36E-07	5.20E-07
4193	487863.09, 3855877.25	0.0455	5.92E-07	5.84E-07	5.67E-07
4194	488363.09, 3855877.25	0.0495	6.44E-07	6.36E-07	6.17E-07
4195	488863.09, 3855877.25	0.05335	6.94E-07	6.85E-07	6.65E-07
4196	489363.09, 3855877.25	0.05649	7.35E-07	7.26E-07	7.05E-07

4197	489863.09, 3855877.25	0.06025	7.84E-07	7.74E-07	7.51E-07
4198	490363.09, 3855877.25	0.06688	8.70E-07	8.59E-07	8.34E-07
4199	490863.09, 3855877.25	0.06753	8.79E-07	8.67E-07	8.42E-07
4200	491363.09, 3855877.25	0.05518	7.18E-07	7.09E-07	6.88E-07
4201	491863.09, 3855877.25	0.06787	8.83E-07	8.72E-07	8.46E-07
4202	492363.09, 3855877.25	0.06219	8.09E-07	7.99E-07	7.76E-07
4203	492863.09, 3855877.25	0.06645	8.65E-07	8.53E-07	8.29E-07
4204	493363.09, 3855877.25	0.04738	6.17E-07	6.09E-07	5.91E-07
4205	493863.09, 3855877.25	0.04106	5.34E-07	5.27E-07	5.12E-07
4206	494363.09, 3855877.25	0.03697	4.81E-07	4.75E-07	4.61E-07
4207	494863.09, 3855877.25	0.03404	4.43E-07	4.37E-07	4.25E-07
4208	495363.09, 3855877.25	0.02897	3.77E-07	3.72E-07	3.61E-07
4209	495863.09, 3855877.25	0.02936	3.82E-07	3.77E-07	3.66E-07
4210	496363.09, 3855877.25	0.02959	3.85E-07	3.80E-07	3.69E-07
4211	496863.09, 3855877.25	0.03059	3.98E-07	3.93E-07	3.82E-07
4212	497363.09, 3855877.25	0.03157	4.11E-07	4.05E-07	3.94E-07
4213	497863.09, 3855877.25	0.03294	4.29E-07	4.23E-07	4.11E-07
4214	498363.09, 3855877.25	0.03644	4.74E-07	4.68E-07	4.54E-07
4215	471363.09, 3856377.25	0.00554	7.21E-08	7.12E-08	6.91E-08
4216	471863.09, 3856377.25	0.00575	7.48E-08	7.39E-08	7.17E-08
4217	472363.09, 3856377.25	0.00609	7.93E-08	7.82E-08	7.60E-08
4218	472863.09, 3856377.25	0.00652	8.48E-08	8.37E-08	8.13E-08
4219	473363.09, 3856377.25	0.00691	8.99E-08	8.87E-08	8.62E-08
4220	473863.09, 3856377.25	0.00756	9.84E-08	9.71E-08	9.43E-08
4221	474363.09, 3856377.25	0.00757	9.85E-08	9.72E-08	9.44E-08
4222	474863.09, 3856377.25	0.00738	9.60E-08	9.48E-08	9.20E-08
4223	475363.09, 3856377.25	0.00649	8.45E-08	8.34E-08	8.09E-08
4224	475863.09, 3856377.25	0.00503	6.55E-08	6.46E-08	6.27E-08
4225	476363.09, 3856377.25	0.00483	6.29E-08	6.20E-08	6.02E-08
4226	476863.09, 3856377.25	0.00496	6.45E-08	6.37E-08	6.19E-08
4227	477363.09, 3856377.25	0.00527	6.86E-08	6.77E-08	6.57E-08
4228	477863.09, 3856377.25	0.00444	5.78E-08	5.70E-08	5.54E-08
4229	478363.09, 3856377.25	0.00404	5.26E-08	5.19E-08	5.04E-08
4230	478863.09, 3856377.25	0.00703	9.15E-08	9.03E-08	8.77E-08
4231	479363.09, 3856377.25	0.00862	1.12E-07	1.11E-07	1.08E-07
4232	479863.09, 3856377.25	0.01233	1.60E-07	1.58E-07	1.54E-07
4233	480363.09, 3856377.25	0.01592	2.07E-07	2.04E-07	1.99E-07
4234	480863.09, 3856377.25	0.01873	2.44E-07	2.41E-07	2.34E-07
4235	481363.09, 3856377.25	0.02154	2.80E-07	2.77E-07	2.69E-07
4236	481863.09, 3856377.25	0.02452	3.19E-07	3.15E-07	3.06E-07
4237	482363.09, 3856377.25	0.02704	3.52E-07	3.47E-07	3.37E-07
4238	482863.09, 3856377.25	0.0291	3.79E-07	3.74E-07	3.63E-07
4239	483363.09, 3856377.25	0.03131	4.07E-07	4.02E-07	3.91E-07
4240	483863.09, 3856377.25	0.03399	4.42E-07	4.37E-07	4.24E-07
4241	484363.09, 3856377.25	0.03758	4.89E-07	4.83E-07	4.69E-07
4242	484863.09, 3856377.25	0.04245	5.52E-07	5.45E-07	5.29E-07
4243	485363.09, 3856377.25	0.04688	6.10E-07	6.02E-07	5.85E-07
4244	485863.09, 3856377.25	0.04907	6.39E-07	6.30E-07	6.12E-07
4245	486363.09, 3856377.25	0.04854	6.32E-07	6.23E-07	6.05E-07
4246	486863.09, 3856377.25	0.05589	7.27E-07	7.18E-07	6.97E-07
4247	487363.09, 3856377.25	0.05876	7.65E-07	7.55E-07	7.33E-07
4248	487863.09, 3856377.25	0.06578	8.56E-07	8.45E-07	8.20E-07
4249	488363.09, 3856377.25	0.07198	9.37E-07	9.24E-07	8.98E-07
4250	488863.09, 3856377.25	0.07962	1.04E-06	1.02E-06	9.93E-07
4251	489363.09, 3856377.25	0.08528	1.11E-06	1.10E-06	1.06E-06
4252	489863.09, 3856377.25	0.09656	1.26E-06	1.24E-06	1.20E-06

4253	490363.09, 3856377.25	0.10839	1.41E-06	1.39E-06	1.35E-06
4254	490863.09, 3856377.25	0.12637	1.64E-06	1.62E-06	1.58E-06
4255	491363.09, 3856377.25	0.15035	1.96E-06	1.93E-06	1.88E-06
4256	491863.09, 3856377.25	0.15292	1.99E-06	1.96E-06	1.91E-06
4257	492363.09, 3856377.25	0.14519	1.89E-06	1.86E-06	1.81E-06
4258	492863.09, 3856377.25	0.13766	1.79E-06	1.77E-06	1.72E-06
4259	493363.09, 3856377.25	0.09342	1.22E-06	1.20E-06	1.17E-06
4260	493863.09, 3856377.25	0.08199	1.07E-06	1.05E-06	1.02E-06
4261	494363.09, 3856377.25	0.06589	8.57E-07	8.46E-07	8.22E-07
4262	494863.09, 3856377.25	0.05316	6.92E-07	6.83E-07	6.63E-07
4263	495363.09, 3856377.25	0.04407	5.74E-07	5.66E-07	5.50E-07
4264	495863.09, 3856377.25	0.04133	5.38E-07	5.31E-07	5.15E-07
4265	496363.09, 3856377.25	0.0403	5.24E-07	5.18E-07	5.03E-07
4266	496863.09, 3856377.25	0.04146	5.40E-07	5.32E-07	5.17E-07
4267	497363.09, 3856377.25	0.04251	5.53E-07	5.46E-07	5.30E-07
4268	497863.09, 3856377.25	0.04478	5.83E-07	5.75E-07	5.59E-07
4269	498363.09, 3856377.25	0.04827	6.28E-07	6.20E-07	6.02E-07
4270	471363.09, 3856877.25	0.00572	7.44E-08	7.35E-08	7.13E-08
4271	471863.09, 3856877.25	0.00586	7.63E-08	7.53E-08	7.31E-08
4272	472363.09, 3856877.25	0.00616	8.02E-08	7.91E-08	7.68E-08
4273	472863.09, 3856877.25	0.00648	8.43E-08	8.32E-08	8.08E-08
4274	473363.09, 3856877.25	0.00705	9.17E-08	9.05E-08	8.79E-08
4275	473863.09, 3856877.25	0.00742	9.66E-08	9.53E-08	9.25E-08
4276	474363.09, 3856877.25	0.00737	9.59E-08	9.47E-08	9.19E-08
4277	474863.09, 3856877.25	0.00717	9.33E-08	9.21E-08	8.94E-08
4278	475363.09, 3856877.25	0.00655	8.52E-08	8.41E-08	8.17E-08
4279	475863.09, 3856877.25	0.00666	8.67E-08	8.55E-08	8.31E-08
4280	476363.09, 3856877.25	0.00614	7.99E-08	7.89E-08	7.66E-08
4281	476863.09, 3856877.25	0.00605	7.87E-08	7.77E-08	7.55E-08
4282	477363.09, 3856877.25	0.00559	7.27E-08	7.18E-08	6.97E-08
4283	477863.09, 3856877.25	0.00416	5.41E-08	5.34E-08	5.19E-08
4284	478363.09, 3856877.25	0.0038	4.95E-08	4.88E-08	4.74E-08
4285	478863.09, 3856877.25	0.00467	6.08E-08	6.00E-08	5.82E-08
4286	479363.09, 3856877.25	0.00601	7.82E-08	7.72E-08	7.50E-08
4287	479863.09, 3856877.25	0.01179	1.53E-07	1.51E-07	1.47E-07
4288	480363.09, 3856877.25	0.01603	2.09E-07	2.06E-07	2.00E-07
4289	480863.09, 3856877.25	0.01998	2.60E-07	2.57E-07	2.49E-07
4290	481363.09, 3856877.25	0.0234	3.05E-07	3.01E-07	2.92E-07
4291	481863.09, 3856877.25	0.02613	3.40E-07	3.36E-07	3.26E-07
4292	482363.09, 3856877.25	0.02938	3.82E-07	3.77E-07	3.66E-07
4293	482863.09, 3856877.25	0.03218	4.19E-07	4.13E-07	4.01E-07
4294	483363.09, 3856877.25	0.03537	4.60E-07	4.54E-07	4.41E-07
4295	483863.09, 3856877.25	0.03898	5.07E-07	5.01E-07	4.86E-07
4296	484363.09, 3856877.25	0.04305	5.60E-07	5.53E-07	5.37E-07
4297	484863.09, 3856877.25	0.04752	6.18E-07	6.10E-07	5.93E-07
4298	485363.09, 3856877.25	0.05424	7.06E-07	6.97E-07	6.76E-07
4299	485863.09, 3856877.25	0.06326	8.23E-07	8.12E-07	7.89E-07
4300	486363.09, 3856877.25	0.06176	8.04E-07	7.93E-07	7.70E-07
4301	486863.09, 3856877.25	0.0705	9.17E-07	9.05E-07	8.79E-07
4302	487363.09, 3856877.25	0.08732	1.14E-06	1.12E-06	1.09E-06
4303	487863.09, 3856877.25	0.09504	1.24E-06	1.22E-06	1.19E-06
4304	488363.09, 3856877.25	0.10568	1.38E-06	1.36E-06	1.32E-06
4305	488863.09, 3856877.25	0.11855	1.54E-06	1.52E-06	1.48E-06
4306	489363.09, 3856877.25	0.13168	1.71E-06	1.69E-06	1.64E-06
4307	489863.09, 3856877.25	0.14963	1.95E-06	1.92E-06	1.87E-06
4308	490363.09, 3856877.25	0.18125	2.36E-06	2.33E-06	2.26E-06

4309	490863.09, 3856877.25	0.24556	3.20E-06	3.15E-06	3.06E-06
4310	491363.09, 3856877.25	0.40773	5.31E-06	5.24E-06	5.09E-06
4311	491863.09, 3856877.25	1.75572	2.28E-05	2.25E-05	2.19E-05
4312	492363.09, 3856877.25	1.85145	2.41E-05	2.38E-05	2.31E-05
4313	492863.09, 3856877.25	0.47464	6.18E-06	6.10E-06	5.92E-06
4314	493363.09, 3856877.25	0.23417	3.05E-06	3.01E-06	2.92E-06
4315	493863.09, 3856877.25	0.14173	1.84E-06	1.82E-06	1.77E-06
4316	494363.09, 3856877.25	0.09756	1.27E-06	1.25E-06	1.22E-06
4317	494863.09, 3856877.25	0.07695	1.00E-06	9.88E-07	9.60E-07
4318	495363.09, 3856877.25	0.0649	8.45E-07	8.34E-07	8.09E-07
4319	495863.09, 3856877.25	0.05944	7.74E-07	7.63E-07	7.41E-07
4320	496363.09, 3856877.25	0.05559	7.23E-07	7.14E-07	6.93E-07
4321	496863.09, 3856877.25	0.0539	7.01E-07	6.92E-07	6.72E-07
4322	497363.09, 3856877.25	0.05402	7.03E-07	6.94E-07	6.74E-07
4323	497863.09, 3856877.25	0.05782	7.52E-07	7.43E-07	7.21E-07
4324	498363.09, 3856877.25	0.06353	8.27E-07	8.16E-07	7.92E-07
4325	471363.09, 3857377.25	0.006	7.81E-08	7.71E-08	7.48E-08
4326	471863.09, 3857377.25	0.00612	7.96E-08	7.86E-08	7.63E-08
4327	472363.09, 3857377.25	0.00639	8.32E-08	8.21E-08	7.97E-08
4328	472863.09, 3857377.25	0.00673	8.76E-08	8.64E-08	8.39E-08
4329	473363.09, 3857377.25	0.00718	9.34E-08	9.22E-08	8.95E-08
4330	473863.09, 3857377.25	0.00773	1.01E-07	9.93E-08	9.64E-08
4331	474363.09, 3857377.25	0.00746	9.71E-08	9.58E-08	9.30E-08
4332	474863.09, 3857377.25	0.0063	8.20E-08	8.09E-08	7.86E-08
4333	475363.09, 3857377.25	0.00493	6.42E-08	6.33E-08	6.15E-08
4334	475863.09, 3857377.25	0.0047	6.12E-08	6.04E-08	5.86E-08
4335	476363.09, 3857377.25	0.00577	7.51E-08	7.41E-08	7.20E-08
4336	476863.09, 3857377.25	0.00605	7.87E-08	7.77E-08	7.55E-08
4337	477363.09, 3857377.25	0.0056	7.29E-08	7.19E-08	6.98E-08
4338	477863.09, 3857377.25	0.00456	5.93E-08	5.86E-08	5.69E-08
4339	478363.09, 3857377.25	0.00376	4.89E-08	4.83E-08	4.69E-08
4340	478863.09, 3857377.25	0.0034	4.42E-08	4.37E-08	4.24E-08
4341	479363.09, 3857377.25	0.00489	6.36E-08	6.28E-08	6.10E-08
4342	479863.09, 3857377.25	0.01015	1.32E-07	1.30E-07	1.27E-07
4343	480363.09, 3857377.25	0.00905	1.18E-07	1.16E-07	1.13E-07
4344	480863.09, 3857377.25	0.01971	2.56E-07	2.53E-07	2.46E-07
4345	481363.09, 3857377.25	0.02137	2.78E-07	2.74E-07	2.67E-07
4346	481863.09, 3857377.25	0.02517	3.28E-07	3.23E-07	3.14E-07
4347	482363.09, 3857377.25	0.02964	3.86E-07	3.81E-07	3.70E-07
4348	482863.09, 3857377.25	0.03323	4.32E-07	4.27E-07	4.14E-07
4349	483363.09, 3857377.25	0.03733	4.86E-07	4.79E-07	4.66E-07
4350	483863.09, 3857377.25	0.04228	5.50E-07	5.43E-07	5.27E-07
4351	484363.09, 3857377.25	0.04813	6.26E-07	6.18E-07	6.00E-07
4352	484863.09, 3857377.25	0.05525	7.19E-07	7.10E-07	6.89E-07
4353	485363.09, 3857377.25	0.06374	8.29E-07	8.19E-07	7.95E-07
4354	485863.09, 3857377.25	0.07385	9.61E-07	9.49E-07	9.21E-07
4355	486363.09, 3857377.25	0.0887	1.15E-06	1.14E-06	1.11E-06
4356	486863.09, 3857377.25	0.0995	1.29E-06	1.28E-06	1.24E-06
4357	487363.09, 3857377.25	0.12276	1.60E-06	1.58E-06	1.53E-06
4358	487863.09, 3857377.25	0.15744	2.05E-06	2.02E-06	1.96E-06
4359	488363.09, 3857377.25	0.173	2.25E-06	2.22E-06	2.16E-06
4360	488863.09, 3857377.25	0.20036	2.61E-06	2.57E-06	2.50E-06
4361	489363.09, 3857377.25	0.22918	2.98E-06	2.94E-06	2.86E-06
4362	489863.09, 3857377.25	0.26932	3.50E-06	3.46E-06	3.36E-06
4363	490363.09, 3857377.25	0.32896	4.28E-06	4.23E-06	4.10E-06
4364	490863.09, 3857377.25	0.46715	6.08E-06	6.00E-06	5.83E-06

4365	491363.09, 3857377.25	1.12425	1.46E-05	1.44E-05	1.40E-05
4366	491863.09, 3857377.25	2.1932	2.85E-05	2.82E-05	2.74E-05
4367	492363.09, 3857377.25	0.66622	8.67E-06	8.56E-06	8.31E-06
4368	492863.09, 3857377.25	0.34775	4.53E-06	4.47E-06	4.34E-06
4369	493363.09, 3857377.25	0.21664	2.82E-06	2.78E-06	2.70E-06
4370	493863.09, 3857377.25	0.16398	2.13E-06	2.11E-06	2.05E-06
4371	494363.09, 3857377.25	0.12474	1.62E-06	1.60E-06	1.56E-06
4372	494863.09, 3857377.25	0.10305	1.34E-06	1.32E-06	1.29E-06
4373	495363.09, 3857377.25	0.08702	1.13E-06	1.12E-06	1.09E-06
4374	495863.09, 3857377.25	0.07802	1.02E-06	1.00E-06	9.73E-07
4375	496363.09, 3857377.25	0.07163	9.32E-07	9.20E-07	8.93E-07
4376	496863.09, 3857377.25	0.06714	8.74E-07	8.62E-07	8.37E-07
4377	497363.09, 3857377.25	0.06624	8.62E-07	8.51E-07	8.26E-07
4378	497863.09, 3857377.25	0.06817	8.87E-07	8.76E-07	8.50E-07
4379	498363.09, 3857377.25	0.08031	1.05E-06	1.03E-06	1.00E-06
4380	471363.09, 3857877.25	0.00625	8.13E-08	8.03E-08	7.80E-08
4381	471863.09, 3857877.25	0.00642	8.35E-08	8.25E-08	8.01E-08
4382	472363.09, 3857877.25	0.0067	8.72E-08	8.61E-08	8.36E-08
4383	472863.09, 3857877.25	0.00718	9.34E-08	9.22E-08	8.95E-08
4384	473363.09, 3857877.25	0.00751	9.77E-08	9.65E-08	9.37E-08
4385	473863.09, 3857877.25	0.00801	1.04E-07	1.03E-07	9.99E-08
4386	474363.09, 3857877.25	0.00757	9.85E-08	9.72E-08	9.44E-08
4387	474863.09, 3857877.25	0.00615	8.00E-08	7.90E-08	7.67E-08
4388	475363.09, 3857877.25	0.00405	5.27E-08	5.20E-08	5.05E-08
4389	475863.09, 3857877.25	0.00221	2.88E-08	2.84E-08	2.76E-08
4390	476363.09, 3857877.25	0.00455	5.92E-08	5.84E-08	5.67E-08
4391	476863.09, 3857877.25	0.00539	7.01E-08	6.92E-08	6.72E-08
4392	477363.09, 3857877.25	0.00541	7.04E-08	6.95E-08	6.75E-08
4393	477863.09, 3857877.25	0.0053	6.90E-08	6.81E-08	6.61E-08
4394	478363.09, 3857877.25	0.00339	4.41E-08	4.35E-08	4.23E-08
4395	478863.09, 3857877.25	0.00294	3.83E-08	3.78E-08	3.67E-08
4396	479363.09, 3857877.25	0.00994	1.29E-07	1.28E-07	1.24E-07
4397	479863.09, 3857877.25	0.01554	2.02E-07	2.00E-07	1.94E-07
4398	480363.09, 3857877.25	0.01842	2.40E-07	2.37E-07	2.30E-07
4399	480863.09, 3857877.25	0.0202	2.63E-07	2.59E-07	2.52E-07
4400	481363.09, 3857877.25	0.02231	2.90E-07	2.87E-07	2.78E-07
4401	481863.09, 3857877.25	0.02527	3.29E-07	3.25E-07	3.15E-07
4402	482363.09, 3857877.25	0.0295	3.84E-07	3.79E-07	3.68E-07
4403	482863.09, 3857877.25	0.03358	4.37E-07	4.31E-07	4.19E-07
4404	483363.09, 3857877.25	0.0378	4.92E-07	4.85E-07	4.71E-07
4405	483863.09, 3857877.25	0.04312	5.61E-07	5.54E-07	5.38E-07
4406	484363.09, 3857877.25	0.04975	6.47E-07	6.39E-07	6.20E-07
4407	484863.09, 3857877.25	0.05833	7.59E-07	7.49E-07	7.27E-07
4408	485363.09, 3857877.25	0.06951	9.05E-07	8.93E-07	8.67E-07
4409	485863.09, 3857877.25	0.0851	1.11E-06	1.09E-06	1.06E-06
4410	486363.09, 3857877.25	0.10802	1.41E-06	1.39E-06	1.35E-06
4411	486863.09, 3857877.25	0.1453	1.89E-06	1.87E-06	1.81E-06
4412	487363.09, 3857877.25	0.21506	2.80E-06	2.76E-06	2.68E-06
4413	487863.09, 3857877.25	0.35545	4.63E-06	4.57E-06	4.43E-06
4414	488363.09, 3857877.25	0.49463	6.44E-06	6.35E-06	6.17E-06
4415	488863.09, 3857877.25	0.661	8.60E-06	8.49E-06	8.24E-06
4416	489363.09, 3857877.25	0.6687	8.70E-06	8.59E-06	8.34E-06
4417	489863.09, 3857877.25	0.68216	8.88E-06	8.76E-06	8.51E-06
4418	490363.09, 3857877.25	0.78108	1.02E-05	1.00E-05	9.74E-06
4419	490863.09, 3857877.25	1.0707	1.39E-05	1.38E-05	1.34E-05
4420	491363.09, 3857877.25	5.48942	7.14E-05	7.05E-05	6.85E-05

4421	491863.09, 3857877.25	1.32676	1.73E-05	1.70E-05	1.65E-05
4422	492363.09, 3857877.25	0.54679	7.12E-06	7.02E-06	6.82E-06
4423	492863.09, 3857877.25	0.31299	4.07E-06	4.02E-06	3.90E-06
4424	493363.09, 3857877.25	0.22924	2.98E-06	2.94E-06	2.86E-06
4425	493863.09, 3857877.25	0.18283	2.38E-06	2.35E-06	2.28E-06
4426	494363.09, 3857877.25	0.15142	1.97E-06	1.94E-06	1.89E-06
4427	494863.09, 3857877.25	0.12042	1.57E-06	1.55E-06	1.50E-06
4428	495363.09, 3857877.25	0.10501	1.37E-06	1.35E-06	1.31E-06
4429	495863.09, 3857877.25	0.09263	1.21E-06	1.19E-06	1.16E-06
4430	496363.09, 3857877.25	0.08683	1.13E-06	1.12E-06	1.08E-06
4431	496863.09, 3857877.25	0.08202	1.07E-06	1.05E-06	1.02E-06
4432	497363.09, 3857877.25	0.07681	1.00E-06	9.87E-07	9.58E-07
4433	497863.09, 3857877.25	0.08333	1.08E-06	1.07E-06	1.04E-06
4434	498363.09, 3857877.25	0.09097	1.18E-06	1.17E-06	1.13E-06
4435	471363.09, 3858377.25	0.00617	8.03E-08	7.92E-08	7.70E-08
4436	471863.09, 3858377.25	0.00635	8.26E-08	8.16E-08	7.92E-08
4437	472363.09, 3858377.25	0.00656	8.54E-08	8.43E-08	8.18E-08
4438	472863.09, 3858377.25	0.00692	9.01E-08	8.89E-08	8.63E-08
4439	473363.09, 3858377.25	0.0076	9.89E-08	9.76E-08	9.48E-08
4440	473863.09, 3858377.25	0.00767	9.98E-08	9.85E-08	9.57E-08
4441	474363.09, 3858377.25	0.00708	9.21E-08	9.09E-08	8.83E-08
4442	474863.09, 3858377.25	0.00617	8.03E-08	7.92E-08	7.70E-08
4443	475363.09, 3858377.25	0.00476	6.19E-08	6.11E-08	5.94E-08
4444	475863.09, 3858377.25	0.00376	4.89E-08	4.83E-08	4.69E-08
4445	476363.09, 3858377.25	0.00407	5.30E-08	5.23E-08	5.08E-08
4446	476863.09, 3858377.25	0.00438	5.70E-08	5.63E-08	5.46E-08
4447	477363.09, 3858377.25	0.00429	5.58E-08	5.51E-08	5.35E-08
4448	477863.09, 3858377.25	0.00547	7.12E-08	7.03E-08	6.82E-08
4449	478363.09, 3858377.25	0.00587	7.64E-08	7.54E-08	7.32E-08
4450	478863.09, 3858377.25	0.0044	5.73E-08	5.65E-08	5.49E-08
4451	479363.09, 3858377.25	0.01031	1.34E-07	1.32E-07	1.29E-07
4452	479863.09, 3858377.25	0.01591	2.07E-07	2.04E-07	1.98E-07
4453	480363.09, 3858377.25	0.01852	2.41E-07	2.38E-07	2.31E-07
4454	480863.09, 3858377.25	0.02012	2.62E-07	2.58E-07	2.51E-07
4455	481363.09, 3858377.25	0.02229	2.90E-07	2.86E-07	2.78E-07
4456	481863.09, 3858377.25	0.02441	3.18E-07	3.14E-07	3.04E-07
4457	482363.09, 3858377.25	0.02758	3.59E-07	3.54E-07	3.44E-07
4458	482863.09, 3858377.25	0.03262	4.24E-07	4.19E-07	4.07E-07
4459	483363.09, 3858377.25	0.03762	4.90E-07	4.83E-07	4.69E-07
4460	483863.09, 3858377.25	0.04269	5.56E-07	5.48E-07	5.32E-07
4461	484363.09, 3858377.25	0.04958	6.45E-07	6.37E-07	6.18E-07
4462	484863.09, 3858377.25	0.05848	7.61E-07	7.51E-07	7.29E-07
4463	485363.09, 3858377.25	0.07017	9.13E-07	9.01E-07	8.75E-07
4464	485863.09, 3858377.25	0.08712	1.13E-06	1.12E-06	1.09E-06
4465	486363.09, 3858377.25	0.11277	1.47E-06	1.45E-06	1.41E-06
4466	486863.09, 3858377.25	0.15429	2.01E-06	1.98E-06	1.92E-06
4467	487363.09, 3858377.25	0.24235	3.15E-06	3.11E-06	3.02E-06
4468	487863.09, 3858377.25	0.56252	7.32E-06	7.22E-06	7.02E-06
4469	488363.09, 3858377.25	1.64885	2.15E-05	2.12E-05	2.06E-05
4470	488863.09, 3858377.25	3.41666	4.45E-05	4.39E-05	4.26E-05
4471	489363.09, 3858377.25	3.84286	5.00E-05	4.94E-05	4.79E-05
4472	489863.09, 3858377.25	7.02224	9.14E-05	9.02E-05	8.76E-05
4473	490363.09, 3858377.25	6.23453	8.11E-05	8.01E-05	7.78E-05
4474	490863.09, 3858377.25	4.74265	6.17E-05	6.09E-05	5.92E-05
4475	491363.09, 3858377.25	1.98674	2.59E-05	2.55E-05	2.48E-05
4476	491863.09, 3858377.25	0.80269	1.04E-05	1.03E-05	1.00E-05

4477	492363.09, 3858377.25	0.38152	4.96E-06	4.90E-06	4.76E-06
4478	492863.09, 3858377.25	0.34664	4.51E-06	4.45E-06	4.32E-06
4479	493363.09, 3858377.25	0.25813	3.36E-06	3.32E-06	3.22E-06
4480	493863.09, 3858377.25	0.21101	2.75E-06	2.71E-06	2.63E-06
4481	494363.09, 3858377.25	0.17091	2.22E-06	2.20E-06	2.13E-06
4482	494863.09, 3858377.25	0.14218	1.85E-06	1.83E-06	1.77E-06
4483	495363.09, 3858377.25	0.11662	1.52E-06	1.50E-06	1.45E-06
4484	495863.09, 3858377.25	0.10611	1.38E-06	1.36E-06	1.32E-06
4485	496363.09, 3858377.25	0.0964	1.25E-06	1.24E-06	1.20E-06
4486	496863.09, 3858377.25	0.0949	1.23E-06	1.22E-06	1.18E-06
4487	497363.09, 3858377.25	0.09036	1.18E-06	1.16E-06	1.13E-06
4488	497863.09, 3858377.25	0.09539	1.24E-06	1.23E-06	1.19E-06
4489	498363.09, 3858377.25	0.10469	1.36E-06	1.34E-06	1.31E-06
4490	471363.09, 3858877.25	0.00575	7.48E-08	7.39E-08	7.17E-08
4491	471863.09, 3858877.25	0.00591	7.69E-08	7.59E-08	7.37E-08
4492	472363.09, 3858877.25	0.00628	8.17E-08	8.07E-08	7.83E-08
4493	472863.09, 3858877.25	0.00663	8.63E-08	8.52E-08	8.27E-08
4494	473363.09, 3858877.25	0.00716	9.32E-08	9.20E-08	8.93E-08
4495	473863.09, 3858877.25	0.00731	9.51E-08	9.39E-08	9.12E-08
4496	474363.09, 3858877.25	0.007	9.11E-08	8.99E-08	8.73E-08
4497	474863.09, 3858877.25	0.00453	5.90E-08	5.82E-08	5.65E-08
4498	475363.09, 3858877.25	0.0037	4.81E-08	4.75E-08	4.61E-08
4499	475863.09, 3858877.25	0.00415	5.40E-08	5.33E-08	5.18E-08
4500	476363.09, 3858877.25	0.00291	3.79E-08	3.74E-08	3.63E-08
4501	476863.09, 3858877.25	0.00351	4.57E-08	4.51E-08	4.38E-08
4502	477363.09, 3858877.25	0.00369	4.80E-08	4.74E-08	4.60E-08
4503	477863.09, 3858877.25	0.00447	5.82E-08	5.74E-08	5.58E-08
4504	478363.09, 3858877.25	0.00772	1.00E-07	9.92E-08	9.63E-08
4505	478863.09, 3858877.25	0.00702	9.14E-08	9.02E-08	8.76E-08
4506	479363.09, 3858877.25	0.00611	7.95E-08	7.85E-08	7.62E-08
4507	479863.09, 3858877.25	0.01622	2.11E-07	2.08E-07	2.02E-07
4508	480363.09, 3858877.25	0.01838	2.39E-07	2.36E-07	2.29E-07
4509	480863.09, 3858877.25	0.02046	2.66E-07	2.63E-07	2.55E-07
4510	481363.09, 3858877.25	0.02261	2.94E-07	2.90E-07	2.82E-07
4511	481863.09, 3858877.25	0.02519	3.28E-07	3.24E-07	3.14E-07
4512	482363.09, 3858877.25	0.02787	3.63E-07	3.58E-07	3.48E-07
4513	482863.09, 3858877.25	0.03167	4.12E-07	4.07E-07	3.95E-07
4514	483363.09, 3858877.25	0.03765	4.90E-07	4.84E-07	4.70E-07
4515	483863.09, 3858877.25	0.04267	5.55E-07	5.48E-07	5.32E-07
4516	484363.09, 3858877.25	0.04939	6.43E-07	6.34E-07	6.16E-07
4517	484863.09, 3858877.25	0.05819	7.57E-07	7.47E-07	7.26E-07
4518	485363.09, 3858877.25	0.07005	9.12E-07	9.00E-07	8.74E-07
4519	485863.09, 3858877.25	0.08769	1.14E-06	1.13E-06	1.09E-06
4520	486363.09, 3858877.25	0.11282	1.47E-06	1.45E-06	1.41E-06
4521	486863.09, 3858877.25	0.1526	1.99E-06	1.96E-06	1.90E-06
4522	487363.09, 3858877.25	0.21759	2.83E-06	2.79E-06	2.71E-06
4523	487863.09, 3858877.25	0.34061	4.43E-06	4.37E-06	4.25E-06
4524	488363.09, 3858877.25	0.59172	7.70E-06	7.60E-06	7.38E-06
4525	488863.09, 3858877.25	1.46902	1.91E-05	1.89E-05	1.83E-05
4526	489363.09, 3858877.25	5.80725	7.56E-05	7.46E-05	7.24E-05
4527	489863.09, 3858877.25	1.91625	2.49E-05	2.46E-05	2.39E-05
4528	490363.09, 3858877.25	1.30506	1.70E-05	1.68E-05	1.63E-05
4529	490863.09, 3858877.25	0.93266	1.21E-05	1.20E-05	1.16E-05
4530	491363.09, 3858877.25	0.55315	7.20E-06	7.10E-06	6.90E-06
4531	491863.09, 3858877.25	0.32964	4.29E-06	4.23E-06	4.11E-06
4532	492363.09, 3858877.25	0.36439	4.74E-06	4.68E-06	4.54E-06

4533	492863.09, 3858877.25	0.39772	5.18E-06	5.11E-06	4.96E-06
4534	493363.09, 3858877.25	0.31774	4.13E-06	4.08E-06	3.96E-06
4535	493863.09, 3858877.25	0.22534	2.93E-06	2.89E-06	2.81E-06
4536	494363.09, 3858877.25	0.1911	2.49E-06	2.45E-06	2.38E-06
4537	494863.09, 3858877.25	0.15805	2.06E-06	2.03E-06	1.97E-06
4538	495363.09, 3858877.25	0.13252	1.72E-06	1.70E-06	1.65E-06
4539	495863.09, 3858877.25	0.11842	1.54E-06	1.52E-06	1.48E-06
4540	496363.09, 3858877.25	0.11069	1.44E-06	1.42E-06	1.38E-06
4541	496863.09, 3858877.25	0.10409	1.35E-06	1.34E-06	1.30E-06
4542	497363.09, 3858877.25	0.09789	1.27E-06	1.26E-06	1.22E-06
4543	497863.09, 3858877.25	0.1064	1.38E-06	1.37E-06	1.33E-06
4544	498363.09, 3858877.25	0.11352	1.48E-06	1.46E-06	1.42E-06
4545	471363.09, 3859377.25	0.006	7.81E-08	7.71E-08	7.48E-08
4546	471863.09, 3859377.25	0.00628	8.17E-08	8.07E-08	7.83E-08
4547	472363.09, 3859377.25	0.00669	8.71E-08	8.59E-08	8.34E-08
4548	472863.09, 3859377.25	0.00708	9.21E-08	9.09E-08	8.83E-08
4549	473363.09, 3859377.25	0.00755	9.83E-08	9.70E-08	9.42E-08
4550	473863.09, 3859377.25	0.00788	1.03E-07	1.01E-07	9.83E-08
4551	474363.09, 3859377.25	0.0075	9.76E-08	9.63E-08	9.35E-08
4552	474863.09, 3859377.25	0.0063	8.20E-08	8.09E-08	7.86E-08
4553	475363.09, 3859377.25	0.00479	6.23E-08	6.15E-08	5.97E-08
4554	475863.09, 3859377.25	0.0034	4.42E-08	4.37E-08	4.24E-08
4555	476363.09, 3859377.25	0.0031	4.03E-08	3.98E-08	3.87E-08
4556	476863.09, 3859377.25	0.00261	3.40E-08	3.35E-08	3.26E-08
4557	477363.09, 3859377.25	0.00284	3.70E-08	3.65E-08	3.54E-08
4558	477863.09, 3859377.25	0.00487	6.34E-08	6.25E-08	6.07E-08
4559	478363.09, 3859377.25	0.00722	9.40E-08	9.27E-08	9.00E-08
4560	478863.09, 3859377.25	0.01045	1.36E-07	1.34E-07	1.30E-07
4561	479363.09, 3859377.25	0.01359	1.77E-07	1.75E-07	1.69E-07
4562	479863.09, 3859377.25	0.01648	2.14E-07	2.12E-07	2.06E-07
4563	480363.09, 3859377.25	0.01924	2.50E-07	2.47E-07	2.40E-07
4564	480863.09, 3859377.25	0.02145	2.79E-07	2.75E-07	2.68E-07
4565	481363.09, 3859377.25	0.02366	3.08E-07	3.04E-07	2.95E-07
4566	481863.09, 3859377.25	0.02605	3.39E-07	3.35E-07	3.25E-07
4567	482363.09, 3859377.25	0.02869	3.73E-07	3.68E-07	3.58E-07
4568	482863.09, 3859377.25	0.03223	4.19E-07	4.14E-07	4.02E-07
4569	483363.09, 3859377.25	0.03715	4.83E-07	4.77E-07	4.63E-07
4570	483863.09, 3859377.25	0.04198	5.46E-07	5.39E-07	5.24E-07
4571	484363.09, 3859377.25	0.04862	6.33E-07	6.24E-07	6.06E-07
4572	484863.09, 3859377.25	0.05726	7.45E-07	7.35E-07	7.14E-07
4573	485363.09, 3859377.25	0.06852	8.92E-07	8.80E-07	8.55E-07
4574	485863.09, 3859377.25	0.08431	1.10E-06	1.08E-06	1.05E-06
4575	486363.09, 3859377.25	0.10393	1.35E-06	1.33E-06	1.30E-06
4576	486863.09, 3859377.25	0.13389	1.74E-06	1.72E-06	1.67E-06
4577	487363.09, 3859377.25	0.18212	2.37E-06	2.34E-06	2.27E-06
4578	487863.09, 3859377.25	0.25461	3.31E-06	3.27E-06	3.18E-06
4579	488363.09, 3859377.25	0.36472	4.75E-06	4.68E-06	4.55E-06
4580	488863.09, 3859377.25	0.71376	9.29E-06	9.17E-06	8.90E-06
4581	489363.09, 3859377.25	3.235	4.21E-05	4.15E-05	4.03E-05
4582	489863.09, 3859377.25	1.15753	1.51E-05	1.49E-05	1.44E-05
4583	490363.09, 3859377.25	0.77957	1.01E-05	1.00E-05	9.72E-06
4584	490863.09, 3859377.25	0.56115	7.30E-06	7.21E-06	7.00E-06
4585	491363.09, 3859377.25	0.32295	4.20E-06	4.15E-06	4.03E-06
4586	491863.09, 3859377.25	0.38234	4.98E-06	4.91E-06	4.77E-06
4587	492363.09, 3859377.25	0.34521	4.49E-06	4.43E-06	4.31E-06
4588	492863.09, 3859377.25	0.31848	4.14E-06	4.09E-06	3.97E-06

4589	493363.09, 3859377.25	0.2679	3.49E-06	3.44E-06	3.34E-06
4590	493863.09, 3859377.25	0.24419	3.18E-06	3.14E-06	3.05E-06
4591	494363.09, 3859377.25	0.21233	2.76E-06	2.73E-06	2.65E-06
4592	494863.09, 3859377.25	0.16854	2.19E-06	2.16E-06	2.10E-06
4593	495363.09, 3859377.25	0.15359	2.00E-06	1.97E-06	1.92E-06
4594	495863.09, 3859377.25	0.13514	1.76E-06	1.74E-06	1.69E-06
4595	496363.09, 3859377.25	0.12918	1.68E-06	1.66E-06	1.61E-06
4596	496863.09, 3859377.25	0.11013	1.43E-06	1.41E-06	1.37E-06
4597	497363.09, 3859377.25	0.11061	1.44E-06	1.42E-06	1.38E-06
4598	497863.09, 3859377.25	0.11616	1.51E-06	1.49E-06	1.45E-06
4599	498363.09, 3859377.25	0.1158	1.51E-06	1.49E-06	1.44E-06
4600	471363.09, 3859877.25	0.00654	8.51E-08	8.40E-08	8.16E-08
4601	471863.09, 3859877.25	0.00688	8.95E-08	8.84E-08	8.58E-08
4602	472363.09, 3859877.25	0.0072	9.37E-08	9.25E-08	8.98E-08
4603	472863.09, 3859877.25	0.00766	9.97E-08	9.84E-08	9.55E-08
4604	473363.09, 3859877.25	0.00811	1.06E-07	1.04E-07	1.01E-07
4605	473863.09, 3859877.25	0.00853	1.11E-07	1.10E-07	1.06E-07
4606	474363.09, 3859877.25	0.0083	1.08E-07	1.07E-07	1.04E-07
4607	474863.09, 3859877.25	0.00759	9.88E-08	9.75E-08	9.47E-08
4608	475363.09, 3859877.25	0.00546	7.11E-08	7.01E-08	6.81E-08
4609	475863.09, 3859877.25	0.0032	4.16E-08	4.11E-08	3.99E-08
4610	476363.09, 3859877.25	0.00211	2.75E-08	2.71E-08	2.63E-08
4611	476863.09, 3859877.25	0.00241	3.14E-08	3.10E-08	3.01E-08
4612	477363.09, 3859877.25	0.00259	3.37E-08	3.33E-08	3.23E-08
4613	477863.09, 3859877.25	0.00435	5.66E-08	5.59E-08	5.43E-08
4614	478363.09, 3859877.25	0.00705	9.17E-08	9.05E-08	8.79E-08
4615	478863.09, 3859877.25	0.01026	1.34E-07	1.32E-07	1.28E-07
4616	479363.09, 3859877.25	0.0138	1.80E-07	1.77E-07	1.72E-07
4617	479863.09, 3859877.25	0.01649	2.15E-07	2.12E-07	2.06E-07
4618	480363.09, 3859877.25	0.01885	2.45E-07	2.42E-07	2.35E-07
4619	480863.09, 3859877.25	0.0208	2.71E-07	2.67E-07	2.59E-07
4620	481363.09, 3859877.25	0.02291	2.98E-07	2.94E-07	2.86E-07
4621	481863.09, 3859877.25	0.0252	3.28E-07	3.24E-07	3.14E-07
4622	482363.09, 3859877.25	0.02813	3.66E-07	3.61E-07	3.51E-07
4623	482863.09, 3859877.25	0.03181	4.14E-07	4.09E-07	3.97E-07
4624	483363.09, 3859877.25	0.03637	4.73E-07	4.67E-07	4.54E-07
4625	483863.09, 3859877.25	0.0417	5.43E-07	5.36E-07	5.20E-07
4626	484363.09, 3859877.25	0.04817	6.27E-07	6.19E-07	6.01E-07
4627	484863.09, 3859877.25	0.05717	7.44E-07	7.34E-07	7.13E-07
4628	485363.09, 3859877.25	0.06687	8.70E-07	8.59E-07	8.34E-07
4629	485863.09, 3859877.25	0.07921	1.03E-06	1.02E-06	9.88E-07
4630	486363.09, 3859877.25	0.09585	1.25E-06	1.23E-06	1.20E-06
4631	486863.09, 3859877.25	0.11878	1.55E-06	1.53E-06	1.48E-06
4632	487363.09, 3859877.25	0.14247	1.85E-06	1.83E-06	1.78E-06
4633	487863.09, 3859877.25	0.18186	2.37E-06	2.34E-06	2.27E-06
4634	488363.09, 3859877.25	0.23453	3.05E-06	3.01E-06	2.93E-06
4635	488863.09, 3859877.25	0.33753	4.39E-06	4.34E-06	4.21E-06
4636	489363.09, 3859877.25	0.60402	7.86E-06	7.76E-06	7.53E-06
4637	489863.09, 3859877.25	0.41783	5.44E-06	5.37E-06	5.21E-06
4638	490363.09, 3859877.25	0.37023	4.82E-06	4.76E-06	4.62E-06
4639	490863.09, 3859877.25	0.38005	4.95E-06	4.88E-06	4.74E-06
4640	491363.09, 3859877.25	0.34824	4.53E-06	4.47E-06	4.34E-06
4641	491863.09, 3859877.25	0.29613	3.85E-06	3.80E-06	3.69E-06
4642	492363.09, 3859877.25	0.26602	3.46E-06	3.42E-06	3.32E-06
4643	492863.09, 3859877.25	0.24077	3.13E-06	3.09E-06	3.00E-06
4644	493363.09, 3859877.25	0.22117	2.88E-06	2.84E-06	2.76E-06

4645	493863.09, 3859877.25	0.20358	2.65E-06	2.61E-06	2.54E-06
4646	494363.09, 3859877.25	0.18403	2.39E-06	2.36E-06	2.30E-06
4647	494863.09, 3859877.25	0.17098	2.23E-06	2.20E-06	2.13E-06
4648	495363.09, 3859877.25	0.15597	2.03E-06	2.00E-06	1.95E-06
4649	495863.09, 3859877.25	0.14102	1.84E-06	1.81E-06	1.76E-06
4650	496363.09, 3859877.25	0.12142	1.58E-06	1.56E-06	1.51E-06
4651	496863.09, 3859877.25	0.08618	1.12E-06	1.11E-06	1.07E-06
4652	497363.09, 3859877.25	0.10314	1.34E-06	1.32E-06	1.29E-06
4653	497863.09, 3859877.25	0.11195	1.46E-06	1.44E-06	1.40E-06
4654	498363.09, 3859877.25	0.10869	1.41E-06	1.40E-06	1.36E-06
4655	471363.09, 3860377.25	0.00692	9.01E-08	8.89E-08	8.63E-08
4656	471863.09, 3860377.25	0.00723	9.41E-08	9.29E-08	9.02E-08
4657	472363.09, 3860377.25	0.00758	9.86E-08	9.74E-08	9.45E-08
4658	472863.09, 3860377.25	0.00797	1.04E-07	1.02E-07	9.94E-08
4659	473363.09, 3860377.25	0.00835	1.09E-07	1.07E-07	1.04E-07
4660	473863.09, 3860377.25	0.00868	1.13E-07	1.11E-07	1.08E-07
4661	474363.09, 3860377.25	0.00881	1.15E-07	1.13E-07	1.10E-07
4662	474863.09, 3860377.25	0.00868	1.13E-07	1.11E-07	1.08E-07
4663	475363.09, 3860377.25	0.00797	1.04E-07	1.02E-07	9.94E-08
4664	475863.09, 3860377.25	0.007	9.11E-08	8.99E-08	8.73E-08
4665	476363.09, 3860377.25	0.00582	7.57E-08	7.48E-08	7.26E-08
4666	476863.09, 3860377.25	0.00536	6.98E-08	6.88E-08	6.69E-08
4667	477363.09, 3860377.25	0.00357	4.65E-08	4.59E-08	4.45E-08
4668	477863.09, 3860377.25	0.00441	5.74E-08	5.66E-08	5.50E-08
4669	478363.09, 3860377.25	0.00734	9.55E-08	9.43E-08	9.15E-08
4670	478863.09, 3860377.25	0.01007	1.31E-07	1.29E-07	1.26E-07
4671	479363.09, 3860377.25	0.01329	1.73E-07	1.71E-07	1.66E-07
4672	479863.09, 3860377.25	0.01623	2.11E-07	2.08E-07	2.02E-07
4673	480363.09, 3860377.25	0.01855	2.41E-07	2.38E-07	2.31E-07
4674	480863.09, 3860377.25	0.0207	2.69E-07	2.66E-07	2.58E-07
4675	481363.09, 3860377.25	0.02296	2.99E-07	2.95E-07	2.86E-07
4676	481863.09, 3860377.25	0.02568	3.34E-07	3.30E-07	3.20E-07
4677	482363.09, 3860377.25	0.02869	3.73E-07	3.68E-07	3.58E-07
4678	482863.09, 3860377.25	0.03225	4.20E-07	4.14E-07	4.02E-07
4679	483363.09, 3860377.25	0.03723	4.84E-07	4.78E-07	4.64E-07
4680	483863.09, 3860377.25	0.04301	5.60E-07	5.52E-07	5.36E-07
4681	484363.09, 3860377.25	0.04781	6.22E-07	6.14E-07	5.96E-07
4682	484863.09, 3860377.25	0.05394	7.02E-07	6.93E-07	6.73E-07
4683	485363.09, 3860377.25	0.06244	8.13E-07	8.02E-07	7.79E-07
4684	485863.09, 3860377.25	0.07223	9.40E-07	9.28E-07	9.01E-07
4685	486363.09, 3860377.25	0.08175	1.06E-06	1.05E-06	1.02E-06
4686	486863.09, 3860377.25	0.09364	1.22E-06	1.20E-06	1.17E-06
4687	487363.09, 3860377.25	0.10814	1.41E-06	1.39E-06	1.35E-06
4688	487863.09, 3860377.25	0.13237	1.72E-06	1.70E-06	1.65E-06
4689	488363.09, 3860377.25	0.16386	2.13E-06	2.10E-06	2.04E-06
4690	488863.09, 3860377.25	0.21455	2.79E-06	2.76E-06	2.68E-06
4691	489363.09, 3860377.25	0.45387	5.91E-06	5.83E-06	5.66E-06
4692	489863.09, 3860377.25	0.2592	3.37E-06	3.33E-06	3.23E-06
4693	490363.09, 3860377.25	0.2228	2.90E-06	2.86E-06	2.78E-06
4694	490863.09, 3860377.25	0.20482	2.67E-06	2.63E-06	2.55E-06
4695	491363.09, 3860377.25	0.18805	2.45E-06	2.42E-06	2.35E-06
4696	491863.09, 3860377.25	0.18251	2.38E-06	2.34E-06	2.28E-06
4697	492363.09, 3860377.25	0.1813	2.36E-06	2.33E-06	2.26E-06
4698	492863.09, 3860377.25	0.17108	2.23E-06	2.20E-06	2.13E-06
4699	493363.09, 3860377.25	0.16362	2.13E-06	2.10E-06	2.04E-06
4700	493863.09, 3860377.25	0.15458	2.01E-06	1.99E-06	1.93E-06

4701	494363.09, 3860377.25	0.14781	1.92E-06	1.90E-06	1.84E-06
4702	494863.09, 3860377.25	0.13938	1.81E-06	1.79E-06	1.74E-06
4703	495363.09, 3860377.25	0.13205	1.72E-06	1.70E-06	1.65E-06
4704	495863.09, 3860377.25	0.12164	1.58E-06	1.56E-06	1.52E-06
4705	496363.09, 3860377.25	0.10861	1.41E-06	1.39E-06	1.35E-06
4706	496863.09, 3860377.25	0.09685	1.26E-06	1.24E-06	1.21E-06
4707	497363.09, 3860377.25	0.08342	1.09E-06	1.07E-06	1.04E-06
4708	497863.09, 3860377.25	0.09334	1.21E-06	1.20E-06	1.16E-06
4709	498363.09, 3860377.25	0.09473	1.23E-06	1.22E-06	1.18E-06
4710	471363.09, 3860877.25	0.00688	8.95E-08	8.84E-08	8.58E-08
4711	471863.09, 3860877.25	0.00715	9.30E-08	9.18E-08	8.92E-08
4712	472363.09, 3860877.25	0.00742	9.66E-08	9.53E-08	9.25E-08
4713	472863.09, 3860877.25	0.00775	1.01E-07	9.95E-08	9.67E-08
4714	473363.09, 3860877.25	0.00804	1.05E-07	1.03E-07	1.00E-07
4715	473863.09, 3860877.25	0.00834	1.09E-07	1.07E-07	1.04E-07
4716	474363.09, 3860877.25	0.00859	1.12E-07	1.10E-07	1.07E-07
4717	474863.09, 3860877.25	0.00891	1.16E-07	1.14E-07	1.11E-07
4718	475363.09, 3860877.25	0.00895	1.16E-07	1.15E-07	1.12E-07
4719	475863.09, 3860877.25	0.0087	1.13E-07	1.12E-07	1.09E-07
4720	476363.09, 3860877.25	0.00815	1.06E-07	1.05E-07	1.02E-07
4721	476863.09, 3860877.25	0.00806	1.05E-07	1.04E-07	1.01E-07
4722	477363.09, 3860877.25	0.0084	1.09E-07	1.08E-07	1.05E-07
4723	477863.09, 3860877.25	0.00766	9.97E-08	9.84E-08	9.55E-08
4724	478363.09, 3860877.25	0.00524	6.82E-08	6.73E-08	6.54E-08
4725	478863.09, 3860877.25	0.00973	1.27E-07	1.25E-07	1.21E-07
4726	479363.09, 3860877.25	0.01337	1.74E-07	1.72E-07	1.67E-07
4727	479863.09, 3860877.25	0.01649	2.15E-07	2.12E-07	2.06E-07
4728	480363.09, 3860877.25	0.01906	2.48E-07	2.45E-07	2.38E-07
4729	480863.09, 3860877.25	0.02126	2.77E-07	2.73E-07	2.65E-07
4730	481363.09, 3860877.25	0.02362	3.07E-07	3.03E-07	2.95E-07
4731	481863.09, 3860877.25	0.02619	3.41E-07	3.36E-07	3.27E-07
4732	482363.09, 3860877.25	0.02943	3.83E-07	3.78E-07	3.67E-07
4733	482863.09, 3860877.25	0.03308	4.30E-07	4.25E-07	4.13E-07
4734	483363.09, 3860877.25	0.03662	4.77E-07	4.70E-07	4.57E-07
4735	483863.09, 3860877.25	0.04058	5.28E-07	5.21E-07	5.06E-07
4736	484363.09, 3860877.25	0.04582	5.96E-07	5.88E-07	5.71E-07
4737	484863.09, 3860877.25	0.05069	6.60E-07	6.51E-07	6.32E-07
4738	485363.09, 3860877.25	0.05527	7.19E-07	7.10E-07	6.89E-07
4739	485863.09, 3860877.25	0.06075	7.91E-07	7.80E-07	7.58E-07
4740	486363.09, 3860877.25	0.06699	8.72E-07	8.60E-07	8.36E-07
4741	486863.09, 3860877.25	0.07586	9.87E-07	9.74E-07	9.46E-07
4742	487363.09, 3860877.25	0.08868	1.15E-06	1.14E-06	1.11E-06
4743	487863.09, 3860877.25	0.10422	1.36E-06	1.34E-06	1.30E-06
4744	488363.09, 3860877.25	0.12664	1.65E-06	1.63E-06	1.58E-06
4745	488863.09, 3860877.25	0.16683	2.17E-06	2.14E-06	2.08E-06
4746	489363.09, 3860877.25	0.38019	4.95E-06	4.88E-06	4.74E-06
4747	489863.09, 3860877.25	0.2005	2.61E-06	2.58E-06	2.50E-06
4748	490363.09, 3860877.25	0.16576	2.16E-06	2.13E-06	2.07E-06
4749	490863.09, 3860877.25	0.1502	1.95E-06	1.93E-06	1.87E-06
4750	491363.09, 3860877.25	0.13833	1.80E-06	1.78E-06	1.73E-06
4751	491863.09, 3860877.25	0.12951	1.69E-06	1.66E-06	1.62E-06
4752	492363.09, 3860877.25	0.1213	1.58E-06	1.56E-06	1.51E-06
4753	492863.09, 3860877.25	0.12037	1.57E-06	1.55E-06	1.50E-06
4754	493363.09, 3860877.25	0.12042	1.57E-06	1.55E-06	1.50E-06
4755	493863.09, 3860877.25	0.11536	1.50E-06	1.48E-06	1.44E-06
4756	494363.09, 3860877.25	0.11107	1.45E-06	1.43E-06	1.39E-06

4757	494863.09, 3860877.25	0.10781	1.40E-06	1.38E-06	1.34E-06
4758	495363.09, 3860877.25	0.10419	1.36E-06	1.34E-06	1.30E-06
4759	495863.09, 3860877.25	0.09965	1.30E-06	1.28E-06	1.24E-06
4760	496363.09, 3860877.25	0.09639	1.25E-06	1.24E-06	1.20E-06
4761	496863.09, 3860877.25	0.09036	1.18E-06	1.16E-06	1.13E-06
4762	497363.09, 3860877.25	0.0865	1.13E-06	1.11E-06	1.08E-06
4763	497863.09, 3860877.25	0.08206	1.07E-06	1.05E-06	1.02E-06
4764	498363.09, 3860877.25	0.08073	1.05E-06	1.04E-06	1.01E-06
4765	471363.09, 3861377.25	0.0066	8.59E-08	8.48E-08	8.23E-08
4766	471863.09, 3861377.25	0.00685	8.91E-08	8.80E-08	8.54E-08
4767	472363.09, 3861377.25	0.00712	9.27E-08	9.14E-08	8.88E-08
4768	472863.09, 3861377.25	0.00745	9.70E-08	9.57E-08	9.29E-08
4769	473363.09, 3861377.25	0.00777	1.01E-07	9.98E-08	9.69E-08
4770	473863.09, 3861377.25	0.00806	1.05E-07	1.04E-07	1.01E-07
4771	474363.09, 3861377.25	0.00847	1.10E-07	1.09E-07	1.06E-07
4772	474863.09, 3861377.25	0.00878	1.14E-07	1.13E-07	1.10E-07
4773	475363.09, 3861377.25	0.00927	1.21E-07	1.19E-07	1.16E-07
4774	475863.09, 3861377.25	0.00956	1.24E-07	1.23E-07	1.19E-07
4775	476363.09, 3861377.25	0.0097	1.26E-07	1.25E-07	1.21E-07
4776	476863.09, 3861377.25	0.00989	1.29E-07	1.27E-07	1.23E-07
4777	477363.09, 3861377.25	0.01022	1.33E-07	1.31E-07	1.27E-07
4778	477863.09, 3861377.25	0.00926	1.21E-07	1.19E-07	1.15E-07
4779	478363.09, 3861377.25	0.00649	8.45E-08	8.34E-08	8.09E-08
4780	478863.09, 3861377.25	0.00802	1.04E-07	1.03E-07	1.00E-07
4781	479363.09, 3861377.25	0.01361	1.77E-07	1.75E-07	1.70E-07
4782	479863.09, 3861377.25	0.01703	2.22E-07	2.19E-07	2.12E-07
4783	480363.09, 3861377.25	0.01972	2.57E-07	2.53E-07	2.46E-07
4784	480863.09, 3861377.25	0.02173	2.83E-07	2.79E-07	2.71E-07
4785	481363.09, 3861377.25	0.02394	3.12E-07	3.07E-07	2.99E-07
4786	481863.09, 3861377.25	0.02636	3.43E-07	3.39E-07	3.29E-07
4787	482363.09, 3861377.25	0.02881	3.75E-07	3.70E-07	3.59E-07
4788	482863.09, 3861377.25	0.03151	4.10E-07	4.05E-07	3.93E-07
4789	483363.09, 3861377.25	0.03501	4.56E-07	4.50E-07	4.37E-07
4790	483863.09, 3861377.25	0.03886	5.06E-07	4.99E-07	4.85E-07
4791	484363.09, 3861377.25	0.04173	5.43E-07	5.36E-07	5.20E-07
4792	484863.09, 3861377.25	0.04332	5.64E-07	5.56E-07	5.40E-07
4793	485363.09, 3861377.25	0.04599	5.98E-07	5.91E-07	5.74E-07
4794	485863.09, 3861377.25	0.05093	6.63E-07	6.54E-07	6.35E-07
4795	486363.09, 3861377.25	0.05742	7.47E-07	7.37E-07	7.16E-07
4796	486863.09, 3861377.25	0.06556	8.53E-07	8.42E-07	8.18E-07
4797	487363.09, 3861377.25	0.07518	9.78E-07	9.66E-07	9.38E-07
4798	487863.09, 3861377.25	0.0876	1.14E-06	1.13E-06	1.09E-06
4799	488363.09, 3861377.25	0.10115	1.32E-06	1.30E-06	1.26E-06
4800	488863.09, 3861377.25	0.14046	1.83E-06	1.80E-06	1.75E-06
4801	489363.09, 3861377.25	0.36998	4.81E-06	4.75E-06	4.61E-06
4802	489863.09, 3861377.25	0.17479	2.27E-06	2.24E-06	2.18E-06
4803	490363.09, 3861377.25	0.13649	1.78E-06	1.75E-06	1.70E-06
4804	490863.09, 3861377.25	0.12068	1.57E-06	1.55E-06	1.51E-06
4805	491363.09, 3861377.25	0.11055	1.44E-06	1.42E-06	1.38E-06
4806	491863.09, 3861377.25	0.10337	1.35E-06	1.33E-06	1.29E-06
4807	492363.09, 3861377.25	0.09693	1.26E-06	1.24E-06	1.21E-06
4808	492863.09, 3861377.25	0.09251	1.20E-06	1.19E-06	1.15E-06
4809	493363.09, 3861377.25	0.09012	1.17E-06	1.16E-06	1.12E-06
4810	493863.09, 3861377.25	0.08826	1.15E-06	1.13E-06	1.10E-06
4811	494363.09, 3861377.25	0.08607	1.12E-06	1.11E-06	1.07E-06
4812	494863.09, 3861377.25	0.08354	1.09E-06	1.07E-06	1.04E-06

4813	495363.09, 3861377.25	0.08089	1.05E-06	1.04E-06	1.01E-06
4814	495863.09, 3861377.25	0.07802	1.02E-06	1.00E-06	9.73E-07
4815	496363.09, 3861377.25	0.07671	9.98E-07	9.85E-07	9.57E-07
4816	496863.09, 3861377.25	0.07584	9.87E-07	9.74E-07	9.46E-07
4817	497363.09, 3861377.25	0.07316	9.52E-07	9.40E-07	9.12E-07
4818	497863.09, 3861377.25	0.07047	9.17E-07	9.05E-07	8.79E-07
4819	498363.09, 3861377.25	0.06827	8.88E-07	8.77E-07	8.51E-07
4820	471363.09, 3861877.25	0.00645	8.39E-08	8.28E-08	8.04E-08
4821	471863.09, 3861877.25	0.00671	8.73E-08	8.62E-08	8.37E-08
4822	472363.09, 3861877.25	0.00699	9.10E-08	8.98E-08	8.72E-08
4823	472863.09, 3861877.25	0.0073	9.50E-08	9.38E-08	9.10E-08
4824	473363.09, 3861877.25	0.00764	9.94E-08	9.81E-08	9.53E-08
4825	473863.09, 3861877.25	0.00798	1.04E-07	1.02E-07	9.95E-08
4826	474363.09, 3861877.25	0.00839	1.09E-07	1.08E-07	1.05E-07
4827	474863.09, 3861877.25	0.00883	1.15E-07	1.13E-07	1.10E-07
4828	475363.09, 3861877.25	0.00936	1.22E-07	1.20E-07	1.17E-07
4829	475863.09, 3861877.25	0.01002	1.30E-07	1.29E-07	1.25E-07
4830	476363.09, 3861877.25	0.01066	1.39E-07	1.37E-07	1.33E-07
4831	476863.09, 3861877.25	0.01121	1.46E-07	1.44E-07	1.40E-07
4832	477363.09, 3861877.25	0.01164	1.51E-07	1.50E-07	1.45E-07
4833	477863.09, 3861877.25	0.01004	1.31E-07	1.29E-07	1.25E-07
4834	478363.09, 3861877.25	0.00564	7.34E-08	7.24E-08	7.03E-08
4835	478863.09, 3861877.25	0.00914	1.19E-07	1.17E-07	1.14E-07
4836	479363.09, 3861877.25	0.00868	1.13E-07	1.11E-07	1.08E-07
4837	479863.09, 3861877.25	0.01717	2.23E-07	2.21E-07	2.14E-07
4838	480363.09, 3861877.25	0.01971	2.56E-07	2.53E-07	2.46E-07
4839	480863.09, 3861877.25	0.02152	2.80E-07	2.76E-07	2.68E-07
4840	481363.09, 3861877.25	0.02334	3.04E-07	3.00E-07	2.91E-07
4841	481863.09, 3861877.25	0.02532	3.30E-07	3.25E-07	3.16E-07
4842	482363.09, 3861877.25	0.02774	3.61E-07	3.56E-07	3.46E-07
4843	482863.09, 3861877.25	0.03032	3.95E-07	3.89E-07	3.78E-07
4844	483363.09, 3861877.25	0.03233	4.21E-07	4.15E-07	4.03E-07
4845	483863.09, 3861877.25	0.03344	4.35E-07	4.29E-07	4.17E-07
4846	484363.09, 3861877.25	0.03459	4.50E-07	4.44E-07	4.31E-07
4847	484863.09, 3861877.25	0.0372	4.84E-07	4.78E-07	4.64E-07
4848	485363.09, 3861877.25	0.04091	5.32E-07	5.25E-07	5.10E-07
4849	485863.09, 3861877.25	0.04515	5.88E-07	5.80E-07	5.63E-07
4850	486363.09, 3861877.25	0.05082	6.61E-07	6.53E-07	6.34E-07
4851	486863.09, 3861877.25	0.05701	7.42E-07	7.32E-07	7.11E-07
4852	487363.09, 3861877.25	0.06548	8.52E-07	8.41E-07	8.17E-07
4853	487863.09, 3861877.25	0.07483	9.74E-07	9.61E-07	9.33E-07
4854	488363.09, 3861877.25	0.08728	1.14E-06	1.12E-06	1.09E-06
4855	488863.09, 3861877.25	0.12468	1.62E-06	1.60E-06	1.56E-06
4856	489363.09, 3861877.25	0.34119	4.44E-06	4.38E-06	4.26E-06
4857	489863.09, 3861877.25	0.15617	2.03E-06	2.01E-06	1.95E-06
4858	490363.09, 3861877.25	0.11796	1.54E-06	1.52E-06	1.47E-06
4859	490863.09, 3861877.25	0.10168	1.32E-06	1.31E-06	1.27E-06
4860	491363.09, 3861877.25	0.09271	1.21E-06	1.19E-06	1.16E-06
4861	491863.09, 3861877.25	0.08653	1.13E-06	1.11E-06	1.08E-06
4862	492363.09, 3861877.25	0.08101	1.05E-06	1.04E-06	1.01E-06
4863	492863.09, 3861877.25	0.0763	9.93E-07	9.80E-07	9.52E-07
4864	493363.09, 3861877.25	0.0725	9.43E-07	9.31E-07	9.04E-07
4865	493863.09, 3861877.25	0.06999	9.11E-07	8.99E-07	8.73E-07
4866	494363.09, 3861877.25	0.06842	8.90E-07	8.79E-07	8.53E-07
4867	494863.09, 3861877.25	0.06767	8.81E-07	8.69E-07	8.44E-07
4868	495363.09, 3861877.25	0.06598	8.59E-07	8.47E-07	8.23E-07

4869	495863.09, 3861877.25	0.06395	8.32E-07	8.21E-07	7.98E-07
4870	496363.09, 3861877.25	0.06236	8.12E-07	8.01E-07	7.78E-07
4871	496863.09, 3861877.25	0.06435	8.37E-07	8.26E-07	8.03E-07
4872	497363.09, 3861877.25	0.06052	7.88E-07	7.77E-07	7.55E-07
4873	497863.09, 3861877.25	0.05793	7.54E-07	7.44E-07	7.23E-07
4874	498363.09, 3861877.25	0.05595	7.28E-07	7.19E-07	6.98E-07
4875	471363.09, 3862377.25	0.00637	8.29E-08	8.18E-08	7.94E-08
4876	471863.09, 3862377.25	0.00664	8.64E-08	8.53E-08	8.28E-08
4877	472363.09, 3862377.25	0.00697	9.07E-08	8.95E-08	8.69E-08
4878	472863.09, 3862377.25	0.00733	9.54E-08	9.41E-08	9.14E-08
4879	473363.09, 3862377.25	0.00772	1.00E-07	9.92E-08	9.63E-08
4880	473863.09, 3862377.25	0.00816	1.06E-07	1.05E-07	1.02E-07
4881	474363.09, 3862377.25	0.00864	1.12E-07	1.11E-07	1.08E-07
4882	474863.09, 3862377.25	0.00914	1.19E-07	1.17E-07	1.14E-07
4883	475363.09, 3862377.25	0.00982	1.28E-07	1.26E-07	1.22E-07
4884	475863.09, 3862377.25	0.01053	1.37E-07	1.35E-07	1.31E-07
4885	476363.09, 3862377.25	0.01122	1.46E-07	1.44E-07	1.40E-07
4886	476863.09, 3862377.25	0.01191	1.55E-07	1.53E-07	1.49E-07
4887	477363.09, 3862377.25	0.01248	1.62E-07	1.60E-07	1.56E-07
4888	477863.09, 3862377.25	0.01154	1.50E-07	1.48E-07	1.44E-07
4889	478363.09, 3862377.25	0.0097	1.26E-07	1.25E-07	1.21E-07
4890	478863.09, 3862377.25	0.01022	1.33E-07	1.31E-07	1.27E-07
4891	479363.09, 3862377.25	0.01224	1.59E-07	1.57E-07	1.53E-07
4892	479863.09, 3862377.25	0.01723	2.24E-07	2.21E-07	2.15E-07
4893	480363.09, 3862377.25	0.01932	2.51E-07	2.48E-07	2.41E-07
4894	480863.09, 3862377.25	0.0209	2.72E-07	2.68E-07	2.61E-07
4895	481363.09, 3862377.25	0.02265	2.95E-07	2.91E-07	2.82E-07
4896	481863.09, 3862377.25	0.02451	3.19E-07	3.15E-07	3.06E-07
4897	482363.09, 3862377.25	0.02592	3.37E-07	3.33E-07	3.23E-07
4898	482863.09, 3862377.25	0.02664	3.47E-07	3.42E-07	3.32E-07
4899	483363.09, 3862377.25	0.02716	3.53E-07	3.49E-07	3.39E-07
4900	483863.09, 3862377.25	0.02824	3.67E-07	3.63E-07	3.52E-07
4901	484363.09, 3862377.25	0.03063	3.99E-07	3.93E-07	3.82E-07
4902	484863.09, 3862377.25	0.03368	4.38E-07	4.33E-07	4.20E-07
4903	485363.09, 3862377.25	0.03667	4.77E-07	4.71E-07	4.57E-07
4904	485863.09, 3862377.25	0.04062	5.29E-07	5.22E-07	5.07E-07
4905	486363.09, 3862377.25	0.04498	5.85E-07	5.78E-07	5.61E-07
4906	486863.09, 3862377.25	0.05032	6.55E-07	6.46E-07	6.28E-07
4907	487363.09, 3862377.25	0.05736	7.46E-07	7.37E-07	7.15E-07
4908	487863.09, 3862377.25	0.06366	8.28E-07	8.18E-07	7.94E-07
4909	488363.09, 3862377.25	0.07704	1.00E-06	9.89E-07	9.61E-07
4910	488863.09, 3862377.25	0.11381	1.48E-06	1.46E-06	1.42E-06
4911	489363.09, 3862377.25	0.33442	4.35E-06	4.30E-06	4.17E-06
4912	489863.09, 3862377.25	0.14582	1.90E-06	1.87E-06	1.82E-06
4913	490363.09, 3862377.25	0.10936	1.42E-06	1.40E-06	1.36E-06
4914	490863.09, 3862377.25	0.09137	1.19E-06	1.17E-06	1.14E-06
4915	491363.09, 3862377.25	0.08144	1.06E-06	1.05E-06	1.02E-06
4916	491863.09, 3862377.25	0.07388	9.61E-07	9.49E-07	9.21E-07
4917	492363.09, 3862377.25	0.06928	9.02E-07	8.90E-07	8.64E-07
4918	492863.09, 3862377.25	0.06618	8.61E-07	8.50E-07	8.25E-07
4919	493363.09, 3862377.25	0.06245	8.13E-07	8.02E-07	7.79E-07
4920	493863.09, 3862377.25	0.05893	7.67E-07	7.57E-07	7.35E-07
4921	494363.09, 3862377.25	0.05668	7.38E-07	7.28E-07	7.07E-07
4922	494863.09, 3862377.25	0.05541	7.21E-07	7.12E-07	6.91E-07
4923	495363.09, 3862377.25	0.05406	7.04E-07	6.94E-07	6.74E-07
4924	495863.09, 3862377.25	0.05309	6.91E-07	6.82E-07	6.62E-07

4925	496363.09, 3862377.25	0.05177	6.74E-07	6.65E-07	6.46E-07
4926	496863.09, 3862377.25	0.05105	6.64E-07	6.56E-07	6.37E-07
4927	497363.09, 3862377.25	0.04937	6.42E-07	6.34E-07	6.16E-07
4928	497863.09, 3862377.25	0.04806	6.25E-07	6.17E-07	5.99E-07
4929	498363.09, 3862377.25	0.04646	6.05E-07	5.97E-07	5.79E-07
4930	471363.09, 3862877.25	0.00645	8.39E-08	8.28E-08	8.04E-08
4931	471863.09, 3862877.25	0.00678	8.82E-08	8.71E-08	8.46E-08
4932	472363.09, 3862877.25	0.00716	9.32E-08	9.20E-08	8.93E-08
4933	472863.09, 3862877.25	0.00756	9.84E-08	9.71E-08	9.43E-08
4934	473363.09, 3862877.25	0.00801	1.04E-07	1.03E-07	9.99E-08
4935	473863.09, 3862877.25	0.0085	1.11E-07	1.09E-07	1.06E-07
4936	474363.09, 3862877.25	0.009	1.17E-07	1.16E-07	1.12E-07
4937	474863.09, 3862877.25	0.00955	1.24E-07	1.23E-07	1.19E-07
4938	475363.09, 3862877.25	0.01016	1.32E-07	1.30E-07	1.27E-07
4939	475863.09, 3862877.25	0.01078	1.40E-07	1.38E-07	1.34E-07
4940	476363.09, 3862877.25	0.01141	1.48E-07	1.47E-07	1.42E-07
4941	476863.09, 3862877.25	0.01201	1.56E-07	1.54E-07	1.50E-07
4942	477363.09, 3862877.25	0.01253	1.63E-07	1.61E-07	1.56E-07
4943	477863.09, 3862877.25	0.01248	1.62E-07	1.60E-07	1.56E-07
4944	478363.09, 3862877.25	0.01096	1.43E-07	1.41E-07	1.37E-07
4945	478863.09, 3862877.25	0.01172	1.53E-07	1.51E-07	1.46E-07
4946	479363.09, 3862877.25	0.0127	1.65E-07	1.63E-07	1.58E-07
4947	479863.09, 3862877.25	0.01746	2.27E-07	2.24E-07	2.18E-07
4948	480363.09, 3862877.25	0.01899	2.47E-07	2.44E-07	2.37E-07
4949	480863.09, 3862877.25	0.02035	2.65E-07	2.61E-07	2.54E-07
4950	481363.09, 3862877.25	0.02138	2.78E-07	2.75E-07	2.67E-07
4951	481863.09, 3862877.25	0.02188	2.85E-07	2.81E-07	2.73E-07
4952	482363.09, 3862877.25	0.02206	2.87E-07	2.83E-07	2.75E-07
4953	482863.09, 3862877.25	0.02258	2.94E-07	2.90E-07	2.82E-07
4954	483363.09, 3862877.25	0.02382	3.10E-07	3.06E-07	2.97E-07
4955	483863.09, 3862877.25	0.02587	3.37E-07	3.32E-07	3.23E-07
4956	484363.09, 3862877.25	0.02829	3.68E-07	3.63E-07	3.53E-07
4957	484863.09, 3862877.25	0.03031	3.94E-07	3.89E-07	3.78E-07
4958	485363.09, 3862877.25	0.03302	4.30E-07	4.24E-07	4.12E-07
4959	485863.09, 3862877.25	0.03639	4.74E-07	4.67E-07	4.54E-07
4960	486363.09, 3862877.25	0.04016	5.23E-07	5.16E-07	5.01E-07
4961	486863.09, 3862877.25	0.04481	5.83E-07	5.76E-07	5.59E-07
4962	487363.09, 3862877.25	0.04941	6.43E-07	6.35E-07	6.16E-07
4963	487863.09, 3862877.25	0.05484	7.14E-07	7.04E-07	6.84E-07
4964	488363.09, 3862877.25	0.06726	8.75E-07	8.64E-07	8.39E-07
4965	488863.09, 3862877.25	0.10397	1.35E-06	1.34E-06	1.30E-06
4966	489363.09, 3862877.25	0.32778	4.27E-06	4.21E-06	4.09E-06
4967	489863.09, 3862877.25	0.13602	1.77E-06	1.75E-06	1.70E-06
4968	490363.09, 3862877.25	0.09874	1.28E-06	1.27E-06	1.23E-06
4969	490863.09, 3862877.25	0.08001	1.04E-06	1.03E-06	9.98E-07
4970	491363.09, 3862877.25	0.0707	9.20E-07	9.08E-07	8.82E-07
4971	491863.09, 3862877.25	0.06312	8.21E-07	8.11E-07	7.87E-07
4972	492363.09, 3862877.25	0.05871	7.64E-07	7.54E-07	7.32E-07
4973	492863.09, 3862877.25	0.05553	7.23E-07	7.13E-07	6.93E-07
4974	493363.09, 3862877.25	0.05365	6.98E-07	6.89E-07	6.69E-07
4975	493863.09, 3862877.25	0.05134	6.68E-07	6.59E-07	6.40E-07
4976	494363.09, 3862877.25	0.04865	6.33E-07	6.25E-07	6.07E-07
4977	494863.09, 3862877.25	0.04642	6.04E-07	5.96E-07	5.79E-07
4978	495363.09, 3862877.25	0.04515	5.88E-07	5.80E-07	5.63E-07
4979	495863.09, 3862877.25	0.04436	5.77E-07	5.70E-07	5.53E-07
4980	496363.09, 3862877.25	0.04378	5.70E-07	5.62E-07	5.46E-07

4981	496863.09, 3862877.25	0.04311	5.61E-07	5.54E-07	5.38E-07
4982	497363.09, 3862877.25	0.04203	5.47E-07	5.40E-07	5.24E-07
4983	497863.09, 3862877.25	0.041	5.34E-07	5.27E-07	5.11E-07
4984	498363.09, 3862877.25	0.04022	5.23E-07	5.17E-07	5.02E-07
4985	471363.09, 3863377.25	0.00665	8.65E-08	8.54E-08	8.29E-08
4986	471863.09, 3863377.25	0.007	9.11E-08	8.99E-08	8.73E-08
4987	472363.09, 3863377.25	0.0074	9.63E-08	9.50E-08	9.23E-08
4988	472863.09, 3863377.25	0.00782	1.02E-07	1.00E-07	9.75E-08
4989	473363.09, 3863377.25	0.00826	1.07E-07	1.06E-07	1.03E-07
4990	473863.09, 3863377.25	0.00871	1.13E-07	1.12E-07	1.09E-07
4991	474363.09, 3863377.25	0.00918	1.19E-07	1.18E-07	1.14E-07
4992	474863.09, 3863377.25	0.00966	1.26E-07	1.24E-07	1.20E-07
4993	475363.09, 3863377.25	0.01014	1.32E-07	1.30E-07	1.26E-07
4994	475863.09, 3863377.25	0.01061	1.38E-07	1.36E-07	1.32E-07
4995	476363.09, 3863377.25	0.0111	1.44E-07	1.43E-07	1.38E-07
4996	476863.09, 3863377.25	0.01165	1.52E-07	1.50E-07	1.45E-07
4997	477363.09, 3863377.25	0.0123	1.60E-07	1.58E-07	1.53E-07
4998	477863.09, 3863377.25	0.01289	1.68E-07	1.66E-07	1.61E-07
4999	478363.09, 3863377.25	0.01271	1.65E-07	1.63E-07	1.59E-07
5000	478863.09, 3863377.25	0.01393	1.81E-07	1.79E-07	1.74E-07
5001	479363.09, 3863377.25	0.01601	2.08E-07	2.06E-07	2.00E-07
5002	479863.09, 3863377.25	0.01726	2.25E-07	2.22E-07	2.15E-07
5003	480363.09, 3863377.25	0.01802	2.35E-07	2.31E-07	2.25E-07
5004	480863.09, 3863377.25	0.01838	2.39E-07	2.36E-07	2.29E-07
5005	481363.09, 3863377.25	0.01838	2.39E-07	2.36E-07	2.29E-07
5006	481863.09, 3863377.25	0.01859	2.42E-07	2.39E-07	2.32E-07
5007	482363.09, 3863377.25	0.01929	2.51E-07	2.48E-07	2.41E-07
5008	482863.09, 3863377.25	0.02055	2.67E-07	2.64E-07	2.56E-07
5009	483363.09, 3863377.25	0.02226	2.90E-07	2.86E-07	2.78E-07
5010	483863.09, 3863377.25	0.02402	3.13E-07	3.09E-07	3.00E-07
5011	484363.09, 3863377.25	0.02555	3.32E-07	3.28E-07	3.19E-07
5012	484863.09, 3863377.25	0.02749	3.58E-07	3.53E-07	3.43E-07
5013	485363.09, 3863377.25	0.02999	3.90E-07	3.85E-07	3.74E-07
5014	485863.09, 3863377.25	0.03276	4.26E-07	4.21E-07	4.09E-07
5015	486363.09, 3863377.25	0.03593	4.68E-07	4.61E-07	4.48E-07
5016	486863.09, 3863377.25	0.03937	5.12E-07	5.06E-07	4.91E-07
5017	487363.09, 3863377.25	0.04191	5.45E-07	5.38E-07	5.23E-07
5018	487863.09, 3863377.25	0.04682	6.09E-07	6.01E-07	5.84E-07
5019	488363.09, 3863377.25	0.05528	7.19E-07	7.10E-07	6.89E-07
5020	488863.09, 3863377.25	0.08374	1.09E-06	1.08E-06	1.04E-06
5021	489363.09, 3863377.25	0.30079	3.91E-06	3.86E-06	3.75E-06
5022	489863.09, 3863377.25	0.10708	1.39E-06	1.38E-06	1.34E-06
5023	490363.09, 3863377.25	0.07611	9.90E-07	9.78E-07	9.49E-07
5024	490863.09, 3863377.25	0.06286	8.18E-07	8.07E-07	7.84E-07
5025	491363.09, 3863377.25	0.05539	7.21E-07	7.11E-07	6.91E-07
5026	491863.09, 3863377.25	0.05112	6.65E-07	6.57E-07	6.38E-07
5027	492363.09, 3863377.25	0.04874	6.34E-07	6.26E-07	6.08E-07
5028	492863.09, 3863377.25	0.0477	6.21E-07	6.13E-07	5.95E-07
5029	493363.09, 3863377.25	0.04622	6.01E-07	5.94E-07	5.76E-07
5030	493863.09, 3863377.25	0.04514	5.87E-07	5.80E-07	5.63E-07
5031	494363.09, 3863377.25	0.04326	5.63E-07	5.56E-07	5.40E-07
5032	494863.09, 3863377.25	0.04159	5.41E-07	5.34E-07	5.19E-07
5033	495363.09, 3863377.25	0.04056	5.28E-07	5.21E-07	5.06E-07
5034	495863.09, 3863377.25	0.03981	5.18E-07	5.11E-07	4.97E-07
5035	496363.09, 3863377.25	0.03762	4.90E-07	4.83E-07	4.69E-07
5036	496863.09, 3863377.25	0.03627	4.72E-07	4.66E-07	4.52E-07

5037	497363.09, 3863377.25	0.03593	4.68E-07	4.61E-07	4.48E-07
5038	497863.09, 3863377.25	0.03558	4.63E-07	4.57E-07	4.44E-07
5039	498363.09, 3863377.25	0.03494	4.55E-07	4.49E-07	4.36E-07
5040	471363.09, 3863877.25	0.00686	8.93E-08	8.81E-08	8.56E-08
5041	471863.09, 3863877.25	0.0072	9.37E-08	9.25E-08	8.98E-08
5042	472363.09, 3863877.25	0.00757	9.85E-08	9.72E-08	9.44E-08
5043	472863.09, 3863877.25	0.00794	1.03E-07	1.02E-07	9.90E-08
5044	473363.09, 3863877.25	0.00831	1.08E-07	1.07E-07	1.04E-07
5045	473863.09, 3863877.25	0.00869	1.13E-07	1.12E-07	1.08E-07
5046	474363.09, 3863877.25	0.00905	1.18E-07	1.16E-07	1.13E-07
5047	474863.09, 3863877.25	0.00942	1.23E-07	1.21E-07	1.17E-07
5048	475363.09, 3863877.25	0.00982	1.28E-07	1.26E-07	1.22E-07
5049	475863.09, 3863877.25	0.01029	1.34E-07	1.32E-07	1.28E-07
5050	476363.09, 3863877.25	0.01084	1.41E-07	1.39E-07	1.35E-07
5051	476863.09, 3863877.25	0.01153	1.50E-07	1.48E-07	1.44E-07
5052	477363.09, 3863877.25	0.01229	1.60E-07	1.58E-07	1.53E-07
5053	477863.09, 3863877.25	0.01308	1.70E-07	1.68E-07	1.63E-07
5054	478363.09, 3863877.25	0.01364	1.78E-07	1.75E-07	1.70E-07
5055	478863.09, 3863877.25	0.01493	1.94E-07	1.92E-07	1.86E-07
5056	479363.09, 3863877.25	0.01549	2.02E-07	1.99E-07	1.93E-07
5057	479863.09, 3863877.25	0.01575	2.05E-07	2.02E-07	1.96E-07
5058	480363.09, 3863877.25	0.0157	2.04E-07	2.02E-07	1.96E-07
5059	480863.09, 3863877.25	0.01572	2.05E-07	2.02E-07	1.96E-07
5060	481363.09, 3863877.25	0.01608	2.09E-07	2.07E-07	2.01E-07
5061	481863.09, 3863877.25	0.0169	2.20E-07	2.17E-07	2.11E-07
5062	482363.09, 3863877.25	0.01808	2.35E-07	2.32E-07	2.25E-07
5063	482863.09, 3863877.25	0.01939	2.52E-07	2.49E-07	2.42E-07
5064	483363.09, 3863877.25	0.02067	2.69E-07	2.65E-07	2.58E-07
5065	483863.09, 3863877.25	0.02187	2.85E-07	2.81E-07	2.73E-07
5066	484363.09, 3863877.25	0.02321	3.02E-07	2.98E-07	2.89E-07
5067	484863.09, 3863877.25	0.02524	3.28E-07	3.24E-07	3.15E-07
5068	485363.09, 3863877.25	0.02744	3.57E-07	3.52E-07	3.42E-07
5069	485863.09, 3863877.25	0.02975	3.87E-07	3.82E-07	3.71E-07
5070	486363.09, 3863877.25	0.03203	4.17E-07	4.11E-07	3.99E-07
5071	486863.09, 3863877.25	0.03395	4.42E-07	4.36E-07	4.23E-07
5072	487363.09, 3863877.25	0.03575	4.65E-07	4.59E-07	4.46E-07
5073	487863.09, 3863877.25	0.03925	5.11E-07	5.04E-07	4.90E-07
5074	488363.09, 3863877.25	0.04236	5.51E-07	5.44E-07	5.28E-07
5075	488863.09, 3863877.25	0.04669	6.08E-07	6.00E-07	5.82E-07
5076	489363.09, 3863877.25	0.04586	5.97E-07	5.89E-07	5.72E-07
5077	489863.09, 3863877.25	0.0466	6.06E-07	5.99E-07	5.81E-07
5078	490363.09, 3863877.25	0.04591	5.97E-07	5.90E-07	5.73E-07
5079	490863.09, 3863877.25	0.04367	5.68E-07	5.61E-07	5.45E-07
5080	491363.09, 3863877.25	0.04134	5.38E-07	5.31E-07	5.16E-07
5081	491863.09, 3863877.25	0.04087	5.32E-07	5.25E-07	5.10E-07
5082	492363.09, 3863877.25	0.03919	5.10E-07	5.03E-07	4.89E-07
5083	492863.09, 3863877.25	0.03679	4.79E-07	4.73E-07	4.59E-07
5084	493363.09, 3863877.25	0.0367	4.78E-07	4.71E-07	4.58E-07
5085	493863.09, 3863877.25	0.0365	4.75E-07	4.69E-07	4.55E-07
5086	494363.09, 3863877.25	0.03705	4.82E-07	4.76E-07	4.62E-07
5087	494863.09, 3863877.25	0.03616	4.71E-07	4.64E-07	4.51E-07
5088	495363.09, 3863877.25	0.03506	4.56E-07	4.50E-07	4.37E-07
5089	495863.09, 3863877.25	0.03418	4.45E-07	4.39E-07	4.26E-07
5090	496363.09, 3863877.25	0.03324	4.33E-07	4.27E-07	4.15E-07
5091	496863.09, 3863877.25	0.03211	4.18E-07	4.12E-07	4.00E-07
5092	497363.09, 3863877.25	0.03129	4.07E-07	4.02E-07	3.90E-07

5093	497863.09, 3863877.25	0.0309	4.02E-07	3.97E-07	3.85E-07
5094	498363.09, 3863877.25	0.03047	3.97E-07	3.91E-07	3.80E-07
5095	471363.09, 3864377.25	0.00696	9.06E-08	8.94E-08	8.68E-08
5096	471863.09, 3864377.25	0.00726	9.45E-08	9.32E-08	9.05E-08
5097	472363.09, 3864377.25	0.00756	9.84E-08	9.71E-08	9.43E-08
5098	472863.09, 3864377.25	0.00785	1.02E-07	1.01E-07	9.79E-08
5099	473363.09, 3864377.25	0.00813	1.06E-07	1.04E-07	1.01E-07
5100	473863.09, 3864377.25	0.00843	1.10E-07	1.08E-07	1.05E-07
5101	474363.09, 3864377.25	0.00876	1.14E-07	1.13E-07	1.09E-07
5102	474863.09, 3864377.25	0.00915	1.19E-07	1.18E-07	1.14E-07
5103	475363.09, 3864377.25	0.00963	1.25E-07	1.24E-07	1.20E-07
5104	475863.09, 3864377.25	0.01019	1.33E-07	1.31E-07	1.27E-07
5105	476363.09, 3864377.25	0.01086	1.41E-07	1.39E-07	1.35E-07
5106	476863.09, 3864377.25	0.01159	1.51E-07	1.49E-07	1.45E-07
5107	477363.09, 3864377.25	0.01235	1.61E-07	1.59E-07	1.54E-07
5108	477863.09, 3864377.25	0.01303	1.70E-07	1.67E-07	1.63E-07
5109	478363.09, 3864377.25	0.01351	1.76E-07	1.74E-07	1.68E-07
5110	478863.09, 3864377.25	0.0137	1.78E-07	1.76E-07	1.71E-07
5111	479363.09, 3864377.25	0.01363	1.77E-07	1.75E-07	1.70E-07
5112	479863.09, 3864377.25	0.01356	1.76E-07	1.74E-07	1.69E-07
5113	480363.09, 3864377.25	0.01372	1.79E-07	1.76E-07	1.71E-07
5114	480863.09, 3864377.25	0.01422	1.85E-07	1.83E-07	1.77E-07
5115	481363.09, 3864377.25	0.01504	1.96E-07	1.93E-07	1.88E-07
5116	481863.09, 3864377.25	0.01602	2.08E-07	2.06E-07	2.00E-07
5117	482363.09, 3864377.25	0.01702	2.21E-07	2.19E-07	2.12E-07
5118	482863.09, 3864377.25	0.01798	2.34E-07	2.31E-07	2.24E-07
5119	483363.09, 3864377.25	0.01887	2.46E-07	2.42E-07	2.35E-07
5120	483863.09, 3864377.25	0.0199	2.59E-07	2.56E-07	2.48E-07
5121	484363.09, 3864377.25	0.02148	2.80E-07	2.76E-07	2.68E-07
5122	484863.09, 3864377.25	0.02326	3.03E-07	2.99E-07	2.90E-07
5123	485363.09, 3864377.25	0.02502	3.26E-07	3.21E-07	3.12E-07
5124	485863.09, 3864377.25	0.02678	3.48E-07	3.44E-07	3.34E-07
5125	486363.09, 3864377.25	0.02822	3.67E-07	3.62E-07	3.52E-07
5126	486863.09, 3864377.25	0.02941	3.83E-07	3.78E-07	3.67E-07
5127	487363.09, 3864377.25	0.03069	3.99E-07	3.94E-07	3.83E-07
5128	487863.09, 3864377.25	0.03268	4.25E-07	4.20E-07	4.08E-07
5129	488363.09, 3864377.25	0.03352	4.36E-07	4.31E-07	4.18E-07
5130	488863.09, 3864377.25	0.03388	4.41E-07	4.35E-07	4.23E-07
5131	489363.09, 3864377.25	0.03277	4.26E-07	4.21E-07	4.09E-07
5132	489863.09, 3864377.25	0.03306	4.30E-07	4.25E-07	4.12E-07
5133	490363.09, 3864377.25	0.03324	4.33E-07	4.27E-07	4.15E-07
5134	490863.09, 3864377.25	0.03306	4.30E-07	4.25E-07	4.12E-07
5135	491363.09, 3864377.25	0.03268	4.25E-07	4.20E-07	4.08E-07
5136	491863.09, 3864377.25	0.0139	1.81E-07	1.79E-07	1.73E-07
5137	492363.09, 3864377.25	0.02617	3.41E-07	3.36E-07	3.26E-07
5138	492863.09, 3864377.25	0.01737	2.26E-07	2.23E-07	2.17E-07
5139	493363.09, 3864377.25	0.02509	3.27E-07	3.22E-07	3.13E-07
5140	493863.09, 3864377.25	0.02855	3.72E-07	3.67E-07	3.56E-07
5141	494363.09, 3864377.25	0.02977	3.87E-07	3.82E-07	3.71E-07
5142	494863.09, 3864377.25	0.03099	4.03E-07	3.98E-07	3.87E-07
5143	495363.09, 3864377.25	0.03069	3.99E-07	3.94E-07	3.83E-07
5144	495863.09, 3864377.25	0.02986	3.89E-07	3.84E-07	3.72E-07
5145	496363.09, 3864377.25	0.02916	3.79E-07	3.75E-07	3.64E-07
5146	496863.09, 3864377.25	0.02857	3.72E-07	3.67E-07	3.56E-07
5147	497363.09, 3864377.25	0.02782	3.62E-07	3.57E-07	3.47E-07
5148	497863.09, 3864377.25	0.02759	3.59E-07	3.54E-07	3.44E-07

5149	498363.09, 3864377.25	0.02681	3.49E-07	3.44E-07	3.34E-07
5150	471363.09, 3864877.25	0.00688	8.95E-08	8.84E-08	8.58E-08
5151	471863.09, 3864877.25	0.00711	9.25E-08	9.13E-08	8.87E-08
5152	472363.09, 3864877.25	0.00734	9.55E-08	9.43E-08	9.15E-08
5153	472863.09, 3864877.25	0.00758	9.86E-08	9.74E-08	9.45E-08
5154	473363.09, 3864877.25	0.00787	1.02E-07	1.01E-07	9.82E-08
5155	473863.09, 3864877.25	0.0082	1.07E-07	1.05E-07	1.02E-07
5156	474363.09, 3864877.25	0.00861	1.12E-07	1.11E-07	1.07E-07
5157	474863.09, 3864877.25	0.00909	1.18E-07	1.17E-07	1.13E-07
5158	475363.09, 3864877.25	0.00966	1.26E-07	1.24E-07	1.20E-07
5159	475863.09, 3864877.25	0.01028	1.34E-07	1.32E-07	1.28E-07
5160	476363.09, 3864877.25	0.01092	1.42E-07	1.40E-07	1.36E-07
5161	476863.09, 3864877.25	0.01152	1.50E-07	1.48E-07	1.44E-07
5162	477363.09, 3864877.25	0.01189	1.55E-07	1.53E-07	1.48E-07
5163	477863.09, 3864877.25	0.01203	1.57E-07	1.55E-07	1.50E-07
5164	478363.09, 3864877.25	0.01196	1.56E-07	1.54E-07	1.49E-07
5165	478863.09, 3864877.25	0.01185	1.54E-07	1.52E-07	1.48E-07
5166	479363.09, 3864877.25	0.01186	1.54E-07	1.52E-07	1.48E-07
5167	479863.09, 3864877.25	0.01217	1.58E-07	1.56E-07	1.52E-07
5168	480363.09, 3864877.25	0.0128	1.67E-07	1.64E-07	1.60E-07
5169	480863.09, 3864877.25	0.01354	1.76E-07	1.74E-07	1.69E-07
5170	481363.09, 3864877.25	0.01431	1.86E-07	1.84E-07	1.78E-07
5171	481863.09, 3864877.25	0.01504	1.96E-07	1.93E-07	1.88E-07
5172	482363.09, 3864877.25	0.01578	2.05E-07	2.03E-07	1.97E-07
5173	482863.09, 3864877.25	0.0165	2.15E-07	2.12E-07	2.06E-07
5174	483363.09, 3864877.25	0.01731	2.25E-07	2.22E-07	2.16E-07
5175	483863.09, 3864877.25	0.01851	2.41E-07	2.38E-07	2.31E-07
5176	484363.09, 3864877.25	0.02003	2.61E-07	2.57E-07	2.50E-07
5177	484863.09, 3864877.25	0.02145	2.79E-07	2.75E-07	2.68E-07
5178	485363.09, 3864877.25	0.02288	2.98E-07	2.94E-07	2.85E-07
5179	485863.09, 3864877.25	0.02388	3.11E-07	3.07E-07	2.98E-07
5180	486363.09, 3864877.25	0.02479	3.23E-07	3.18E-07	3.09E-07
5181	486863.09, 3864877.25	0.02555	3.32E-07	3.28E-07	3.19E-07
5182	487363.09, 3864877.25	0.02664	3.47E-07	3.42E-07	3.32E-07
5183	487863.09, 3864877.25	0.02789	3.63E-07	3.58E-07	3.48E-07
5184	488363.09, 3864877.25	0.02778	3.62E-07	3.57E-07	3.46E-07
5185	488863.09, 3864877.25	0.02777	3.61E-07	3.57E-07	3.46E-07
5186	489363.09, 3864877.25	0.02708	3.52E-07	3.48E-07	3.38E-07
5187	489863.09, 3864877.25	0.027	3.51E-07	3.47E-07	3.37E-07
5188	490363.09, 3864877.25	0.02719	3.54E-07	3.49E-07	3.39E-07
5189	490863.09, 3864877.25	0.02599	3.38E-07	3.34E-07	3.24E-07
5190	491363.09, 3864877.25	0.02703	3.52E-07	3.47E-07	3.37E-07
5191	491863.09, 3864877.25	0.02441	3.18E-07	3.14E-07	3.04E-07
5192	492363.09, 3864877.25	0.00727	9.46E-08	9.34E-08	9.07E-08
5193	492863.09, 3864877.25	0.01056	1.37E-07	1.36E-07	1.32E-07
5194	493363.09, 3864877.25	0.01025	1.33E-07	1.32E-07	1.28E-07
5195	493863.09, 3864877.25	0.02262	2.94E-07	2.91E-07	2.82E-07
5196	494363.09, 3864877.25	0.02496	3.25E-07	3.21E-07	3.11E-07
5197	494863.09, 3864877.25	0.0254	3.31E-07	3.26E-07	3.17E-07
5198	495363.09, 3864877.25	0.02644	3.44E-07	3.40E-07	3.30E-07
5199	495863.09, 3864877.25	0.02625	3.42E-07	3.37E-07	3.27E-07
5200	496363.09, 3864877.25	0.02581	3.36E-07	3.31E-07	3.22E-07
5201	496863.09, 3864877.25	0.02524	3.28E-07	3.24E-07	3.15E-07
5202	497363.09, 3864877.25	0.02477	3.22E-07	3.18E-07	3.09E-07
5203	497863.09, 3864877.25	0.02441	3.18E-07	3.14E-07	3.04E-07
5204	498363.09, 3864877.25	0.0239	3.11E-07	3.07E-07	2.98E-07

5205	471363.09, 3865377.25	0.00665	8.65E-08	8.54E-08	8.29E-08
5206	471863.09, 3865377.25	0.00686	8.93E-08	8.81E-08	8.56E-08
5207	472363.09, 3865377.25	0.00711	9.25E-08	9.13E-08	8.87E-08
5208	472863.09, 3865377.25	0.0074	9.63E-08	9.50E-08	9.23E-08
5209	473363.09, 3865377.25	0.00776	1.01E-07	9.97E-08	9.68E-08
5210	473863.09, 3865377.25	0.00817	1.06E-07	1.05E-07	1.02E-07
5211	474363.09, 3865377.25	0.00866	1.13E-07	1.11E-07	1.08E-07
5212	474863.09, 3865377.25	0.00921	1.20E-07	1.18E-07	1.15E-07
5213	475363.09, 3865377.25	0.00974	1.27E-07	1.25E-07	1.21E-07
5214	475863.09, 3865377.25	0.01022	1.33E-07	1.31E-07	1.27E-07
5215	476363.09, 3865377.25	0.01063	1.38E-07	1.37E-07	1.33E-07
5216	476863.09, 3865377.25	0.01058	1.38E-07	1.36E-07	1.32E-07
5217	477363.09, 3865377.25	0.01069	1.39E-07	1.37E-07	1.33E-07
5218	477863.09, 3865377.25	0.01051	1.37E-07	1.35E-07	1.31E-07
5219	478363.09, 3865377.25	0.01047	1.36E-07	1.34E-07	1.31E-07
5220	478863.09, 3865377.25	0.01061	1.38E-07	1.36E-07	1.32E-07
5221	479363.09, 3865377.25	0.01102	1.43E-07	1.42E-07	1.37E-07
5222	479863.09, 3865377.25	0.01164	1.51E-07	1.50E-07	1.45E-07
5223	480363.09, 3865377.25	0.01226	1.60E-07	1.57E-07	1.53E-07
5224	480863.09, 3865377.25	0.01285	1.67E-07	1.65E-07	1.60E-07
5225	481363.09, 3865377.25	0.01342	1.75E-07	1.72E-07	1.67E-07
5226	481863.09, 3865377.25	0.01397	1.82E-07	1.79E-07	1.74E-07
5227	482363.09, 3865377.25	0.01455	1.89E-07	1.87E-07	1.81E-07
5228	482863.09, 3865377.25	0.0152	1.98E-07	1.95E-07	1.90E-07
5229	483363.09, 3865377.25	0.01616	2.10E-07	2.08E-07	2.02E-07
5230	483863.09, 3865377.25	0.0174	2.26E-07	2.23E-07	2.17E-07
5231	484363.09, 3865377.25	0.01859	2.42E-07	2.39E-07	2.32E-07
5232	484863.09, 3865377.25	0.01976	2.57E-07	2.54E-07	2.46E-07
5233	485363.09, 3865377.25	0.02066	2.69E-07	2.65E-07	2.58E-07
5234	485863.09, 3865377.25	0.02124	2.76E-07	2.73E-07	2.65E-07
5235	486363.09, 3865377.25	0.02208	2.87E-07	2.84E-07	2.75E-07
5236	486863.09, 3865377.25	0.0226	2.94E-07	2.90E-07	2.82E-07
5237	487363.09, 3865377.25	0.02359	3.07E-07	3.03E-07	2.94E-07
5238	487863.09, 3865377.25	0.02406	3.13E-07	3.09E-07	3.00E-07
5239	488363.09, 3865377.25	0.02374	3.09E-07	3.05E-07	2.96E-07
5240	488863.09, 3865377.25	0.02387	3.11E-07	3.07E-07	2.98E-07
5241	489363.09, 3865377.25	0.02345	3.05E-07	3.01E-07	2.92E-07
5242	489863.09, 3865377.25	0.02332	3.03E-07	3.00E-07	2.91E-07
5243	490363.09, 3865377.25	0.02256	2.94E-07	2.90E-07	2.81E-07
5244	490863.09, 3865377.25	0.02222	2.89E-07	2.85E-07	2.77E-07
5245	491363.09, 3865377.25	0.02132	2.77E-07	2.74E-07	2.66E-07
5246	491863.09, 3865377.25	0.02106	2.74E-07	2.70E-07	2.63E-07
5247	492363.09, 3865377.25	0.01673	2.18E-07	2.15E-07	2.09E-07
5248	492863.09, 3865377.25	0.01228	1.60E-07	1.58E-07	1.53E-07
5249	493363.09, 3865377.25	0.00906	1.18E-07	1.16E-07	1.13E-07
5250	493863.09, 3865377.25	0.01527	1.99E-07	1.96E-07	1.90E-07
5251	494363.09, 3865377.25	0.0204	2.65E-07	2.62E-07	2.54E-07
5252	494863.09, 3865377.25	0.02145	2.79E-07	2.75E-07	2.68E-07
5253	495363.09, 3865377.25	0.02193	2.85E-07	2.82E-07	2.74E-07
5254	495863.09, 3865377.25	0.02303	3.00E-07	2.96E-07	2.87E-07
5255	496363.09, 3865377.25	0.02294	2.99E-07	2.95E-07	2.86E-07
5256	496863.09, 3865377.25	0.02245	2.92E-07	2.88E-07	2.80E-07
5257	497363.09, 3865377.25	0.02208	2.87E-07	2.84E-07	2.75E-07
5258	497863.09, 3865377.25	0.02174	2.83E-07	2.79E-07	2.71E-07
5259	498363.09, 3865377.25	0.02155	2.80E-07	2.77E-07	2.69E-07
5260	471363.09, 3865877.25	0.00647	8.42E-08	8.31E-08	8.07E-08

5261	471863.09, 3865877.25	0.00673	8.76E-08	8.64E-08	8.39E-08
5262	472363.09, 3865877.25	0.00704	9.16E-08	9.04E-08	8.78E-08
5263	472863.09, 3865877.25	0.00741	9.64E-08	9.52E-08	9.24E-08
5264	473363.09, 3865877.25	0.00784	1.02E-07	1.01E-07	9.78E-08
5265	473863.09, 3865877.25	0.00831	1.08E-07	1.07E-07	1.04E-07
5266	474363.09, 3865877.25	0.00878	1.14E-07	1.13E-07	1.10E-07
5267	474863.09, 3865877.25	0.0092	1.20E-07	1.18E-07	1.15E-07
5268	475363.09, 3865877.25	0.00947	1.23E-07	1.22E-07	1.18E-07
5269	475863.09, 3865877.25	0.00959	1.25E-07	1.23E-07	1.20E-07
5270	476363.09, 3865877.25	0.00954	1.24E-07	1.23E-07	1.19E-07
5271	476863.09, 3865877.25	0.00909	1.18E-07	1.17E-07	1.13E-07
5272	477363.09, 3865877.25	0.00936	1.22E-07	1.20E-07	1.17E-07
5273	477863.09, 3865877.25	0.00942	1.23E-07	1.21E-07	1.17E-07
5274	478363.09, 3865877.25	0.00967	1.26E-07	1.24E-07	1.21E-07
5275	478863.09, 3865877.25	0.01012	1.32E-07	1.30E-07	1.26E-07
5276	479363.09, 3865877.25	0.01067	1.39E-07	1.37E-07	1.33E-07
5277	479863.09, 3865877.25	0.01118	1.45E-07	1.44E-07	1.39E-07
5278	480363.09, 3865877.25	0.01164	1.51E-07	1.50E-07	1.45E-07
5279	480863.09, 3865877.25	0.01207	1.57E-07	1.55E-07	1.51E-07
5280	481363.09, 3865877.25	0.01249	1.63E-07	1.60E-07	1.56E-07
5281	481863.09, 3865877.25	0.01293	1.68E-07	1.66E-07	1.61E-07
5282	482363.09, 3865877.25	0.01347	1.75E-07	1.73E-07	1.68E-07
5283	482863.09, 3865877.25	0.01424	1.85E-07	1.83E-07	1.78E-07
5284	483363.09, 3865877.25	0.0153	1.99E-07	1.97E-07	1.91E-07
5285	483863.09, 3865877.25	0.01632	2.12E-07	2.10E-07	2.04E-07
5286	484363.09, 3865877.25	0.01727	2.25E-07	2.22E-07	2.15E-07
5287	484863.09, 3865877.25	0.01807	2.35E-07	2.32E-07	2.25E-07
5288	485363.09, 3865877.25	0.01856	2.42E-07	2.38E-07	2.31E-07
5289	485863.09, 3865877.25	0.01922	2.50E-07	2.47E-07	2.40E-07
5290	486363.09, 3865877.25	0.01979	2.58E-07	2.54E-07	2.47E-07
5291	486863.09, 3865877.25	0.02021	2.63E-07	2.60E-07	2.52E-07
5292	487363.09, 3865877.25	0.02098	2.73E-07	2.69E-07	2.62E-07
5293	487863.09, 3865877.25	0.02103	2.74E-07	2.70E-07	2.62E-07
5294	488363.09, 3865877.25	0.02085	2.71E-07	2.68E-07	2.60E-07
5295	488863.09, 3865877.25	0.0211	2.75E-07	2.71E-07	2.63E-07
5296	489363.09, 3865877.25	0.02073	2.70E-07	2.66E-07	2.59E-07
5297	489863.09, 3865877.25	0.02036	2.65E-07	2.61E-07	2.54E-07
5298	490363.09, 3865877.25	0.02057	2.68E-07	2.64E-07	2.57E-07
5299	490863.09, 3865877.25	0.02013	2.62E-07	2.59E-07	2.51E-07
5300	491363.09, 3865877.25	0.01864	2.43E-07	2.39E-07	2.32E-07
5301	491863.09, 3865877.25	0.01797	2.34E-07	2.31E-07	2.24E-07
5302	492363.09, 3865877.25	0.01663	2.16E-07	2.14E-07	2.07E-07
5303	492863.09, 3865877.25	0.01213	1.58E-07	1.56E-07	1.51E-07
5304	493363.09, 3865877.25	0.0122	1.59E-07	1.57E-07	1.52E-07
5305	493863.09, 3865877.25	0.0144	1.87E-07	1.85E-07	1.80E-07
5306	494363.09, 3865877.25	0.01723	2.24E-07	2.21E-07	2.15E-07
5307	494863.09, 3865877.25	0.01956	2.55E-07	2.51E-07	2.44E-07
5308	495363.09, 3865877.25	0.01929	2.51E-07	2.48E-07	2.41E-07
5309	495863.09, 3865877.25	0.01921	2.50E-07	2.47E-07	2.40E-07
5310	496363.09, 3865877.25	0.01975	2.57E-07	2.54E-07	2.46E-07
5311	496863.09, 3865877.25	0.0195	2.54E-07	2.50E-07	2.43E-07
5312	497363.09, 3865877.25	0.0197	2.56E-07	2.53E-07	2.46E-07
5313	497863.09, 3865877.25	0.01944	2.53E-07	2.50E-07	2.42E-07
5314	498363.09, 3865877.25	0.01878	2.44E-07	2.41E-07	2.34E-07
5315	471363.09, 3866377.25	0.00644	8.38E-08	8.27E-08	8.03E-08
5316	471863.09, 3866377.25	0.00678	8.82E-08	8.71E-08	8.46E-08

5317	472363.09, 3866377.25	0.00716	9.32E-08	9.20E-08	8.93E-08
5318	472863.09, 3866377.25	0.00755	9.83E-08	9.70E-08	9.42E-08
5319	473363.09, 3866377.25	0.00797	1.04E-07	1.02E-07	9.94E-08
5320	473863.09, 3866377.25	0.00831	1.08E-07	1.07E-07	1.04E-07
5321	474363.09, 3866377.25	0.00855	1.11E-07	1.10E-07	1.07E-07
5322	474863.09, 3866377.25	0.00865	1.13E-07	1.11E-07	1.08E-07
5323	475363.09, 3866377.25	0.0086	1.12E-07	1.10E-07	1.07E-07
5324	475863.09, 3866377.25	0.00848	1.10E-07	1.09E-07	1.06E-07
5325	476363.09, 3866377.25	0.00842	1.10E-07	1.08E-07	1.05E-07
5326	476863.09, 3866377.25	0.00796	1.04E-07	1.02E-07	9.93E-08
5327	477363.09, 3866377.25	0.00848	1.10E-07	1.09E-07	1.06E-07
5328	477863.09, 3866377.25	0.00896	1.17E-07	1.15E-07	1.12E-07
5329	478363.09, 3866377.25	0.00937	1.22E-07	1.20E-07	1.17E-07
5330	478863.09, 3866377.25	0.00984	1.28E-07	1.26E-07	1.23E-07
5331	479363.09, 3866377.25	0.01027	1.34E-07	1.32E-07	1.28E-07
5332	479863.09, 3866377.25	0.01066	1.39E-07	1.37E-07	1.33E-07
5333	480363.09, 3866377.25	0.011	1.43E-07	1.41E-07	1.37E-07
5334	480863.09, 3866377.25	0.01131	1.47E-07	1.45E-07	1.41E-07
5335	481363.09, 3866377.25	0.01166	1.52E-07	1.50E-07	1.45E-07
5336	481863.09, 3866377.25	0.01207	1.57E-07	1.55E-07	1.51E-07
5337	482363.09, 3866377.25	0.0127	1.65E-07	1.63E-07	1.58E-07
5338	482863.09, 3866377.25	0.01358	1.77E-07	1.74E-07	1.69E-07
5339	483363.09, 3866377.25	0.01445	1.88E-07	1.86E-07	1.80E-07
5340	483863.09, 3866377.25	0.01521	1.98E-07	1.95E-07	1.90E-07
5341	484363.09, 3866377.25	0.01595	2.08E-07	2.05E-07	1.99E-07
5342	484863.09, 3866377.25	0.01652	2.15E-07	2.12E-07	2.06E-07
5343	485363.09, 3866377.25	0.01691	2.20E-07	2.17E-07	2.11E-07
5344	485863.09, 3866377.25	0.01746	2.27E-07	2.24E-07	2.18E-07
5345	486363.09, 3866377.25	0.0178	2.32E-07	2.29E-07	2.22E-07
5346	486863.09, 3866377.25	0.01828	2.38E-07	2.35E-07	2.28E-07
5347	487363.09, 3866377.25	0.01909	2.48E-07	2.45E-07	2.38E-07
5348	487863.09, 3866377.25	0.01891	2.46E-07	2.43E-07	2.36E-07
5349	488363.09, 3866377.25	0.01901	2.47E-07	2.44E-07	2.37E-07
5350	488863.09, 3866377.25	0.01893	2.46E-07	2.43E-07	2.36E-07
5351	489363.09, 3866377.25	0.01805	2.35E-07	2.32E-07	2.25E-07
5352	489863.09, 3866377.25	0.01657	2.16E-07	2.13E-07	2.07E-07
5353	490363.09, 3866377.25	0.01827	2.38E-07	2.35E-07	2.28E-07
5354	490863.09, 3866377.25	0.01849	2.41E-07	2.37E-07	2.31E-07
5355	491363.09, 3866377.25	0.01826	2.38E-07	2.35E-07	2.28E-07
5356	491863.09, 3866377.25	0.01523	1.98E-07	1.96E-07	1.90E-07
5357	492363.09, 3866377.25	0.01516	1.97E-07	1.95E-07	1.89E-07
5358	492863.09, 3866377.25	0.01328	1.73E-07	1.71E-07	1.66E-07
5359	493363.09, 3866377.25	0.01447	1.88E-07	1.86E-07	1.80E-07
5360	493863.09, 3866377.25	0.01551	2.02E-07	1.99E-07	1.93E-07
5361	494363.09, 3866377.25	0.01656	2.16E-07	2.13E-07	2.07E-07
5362	494863.09, 3866377.25	0.01673	2.18E-07	2.15E-07	2.09E-07
5363	495363.09, 3866377.25	0.01655	2.15E-07	2.13E-07	2.06E-07
5364	495863.09, 3866377.25	0.01582	2.06E-07	2.03E-07	1.97E-07
5365	496363.09, 3866377.25	0.01594	2.07E-07	2.05E-07	1.99E-07
5366	496863.09, 3866377.25	0.01625	2.11E-07	2.09E-07	2.03E-07
5367	497363.09, 3866377.25	0.01657	2.16E-07	2.13E-07	2.07E-07
5368	497863.09, 3866377.25	0.01695	2.21E-07	2.18E-07	2.11E-07
5369	498363.09, 3866377.25	0.01496	1.95E-07	1.92E-07	1.87E-07
5370	474494.92, 3848334.16	0.00475	6.18E-08	6.10E-08	5.92E-08
5371	475167.27, 3848920.79	0.00517	6.73E-08	6.64E-08	6.45E-08
5372	475297.89, 3848997.96	0.00524	6.82E-08	6.73E-08	6.54E-08

5373	475439.05, 3849062	0.0052	6.77E-08	6.68E-08	6.49E-08
5374	475486.86, 3849061.09	0.00518	6.74E-08	6.65E-08	6.46E-08
5375	475538.46, 3849075.56	0.00522	6.79E-08	6.70E-08	6.51E-08
5376	475751.79, 3849137.15	0.00542	7.05E-08	6.96E-08	6.76E-08
5377	476303.62, 3849223.38	0.00569	7.40E-08	7.31E-08	7.10E-08
5378	476304.51, 3849238.92	0.0057	7.42E-08	7.32E-08	7.11E-08
5379	476365.04, 3849247.98	0.00573	7.46E-08	7.36E-08	7.15E-08
5380	476444.86, 3849267.13	0.00574	7.47E-08	7.37E-08	7.16E-08
5381	476550.75, 3849300.66	0.00582	7.57E-08	7.48E-08	7.26E-08
5382	476656.71, 3849346.88	0.00589	7.66E-08	7.56E-08	7.35E-08
5383	476873.55, 3849454.53	0.00606	7.89E-08	7.78E-08	7.56E-08
5384	477700, 3849859.7	0.00665	8.65E-08	8.54E-08	8.29E-08
5385	477743.16, 3849856.38	0.0066	8.59E-08	8.48E-08	8.23E-08
5386	478477.35, 3850216.33	0.00692	9.01E-08	8.89E-08	8.63E-08
5387	478485.8, 3850201.6	0.0069	8.98E-08	8.86E-08	8.61E-08
5388	479113.21, 3850501.53	0.00752	9.79E-08	9.66E-08	9.38E-08
5389	479108.11, 3850382.28	0.00737	9.59E-08	9.47E-08	9.19E-08
5390	479689.85, 3850674.28	0.00782	1.02E-07	1.00E-07	9.75E-08
5391	479952.42, 3850774.28	0.00813	1.06E-07	1.04E-07	1.01E-07
5392	479911.32, 3850884.85	0.00821	1.07E-07	1.05E-07	1.02E-07
5393	480500.92, 3851178.12	0.0092	1.20E-07	1.18E-07	1.15E-07
5394	480738.01, 3851289.27	0.00965	1.26E-07	1.24E-07	1.20E-07
5395	481055.42, 3851443.58	0.01031	1.34E-07	1.32E-07	1.29E-07
5396	481110.22, 3851443.15	0.01042	1.36E-07	1.34E-07	1.30E-07
5397	481111.1, 3851417.45	0.01041	1.35E-07	1.34E-07	1.30E-07
5398	482248.44, 3852605.09	0.01349	1.76E-07	1.73E-07	1.68E-07
5399	482273.34, 3852632.31	0.01356	1.76E-07	1.74E-07	1.69E-07
5400	482665.46, 3853038.72	0.01487	1.94E-07	1.91E-07	1.85E-07
5401	483077.95, 3853844.31	0.01699	2.21E-07	2.18E-07	2.12E-07
5402	483121.38, 3853909.38	0.01721	2.24E-07	2.21E-07	2.15E-07
5403	483492.64, 3853911.49	0.01771	2.30E-07	2.27E-07	2.21E-07
5404	483498.29, 3854204.73	0.01858	2.42E-07	2.39E-07	2.32E-07
5405	484132.44, 3854662.55	0.01848	2.40E-07	2.37E-07	2.30E-07
5406	484627.62, 3854876.13	0.02118	2.76E-07	2.72E-07	2.64E-07
5407	484756.14, 3854949.04	0.02258	2.94E-07	2.90E-07	2.82E-07
5408	486697.51, 3856599.17	0.05947	7.74E-07	7.64E-07	7.42E-07
5409	487105.31, 3856962.27	0.0859	1.12E-06	1.10E-06	1.07E-06
5410	487157.57, 3856901.7	0.08696	1.13E-06	1.12E-06	1.08E-06
5411	487173.5, 3856853.74	0.08485	1.10E-06	1.09E-06	1.06E-06
5412	487564.41, 3856860.83	0.08765	1.14E-06	1.13E-06	1.09E-06
5413	487563.31, 3856931.58	0.09315	1.21E-06	1.20E-06	1.16E-06
5414	487782.7, 3856926.85	0.09715	1.26E-06	1.25E-06	1.21E-06
5415	487782.39, 3856757.07	0.08478	1.10E-06	1.09E-06	1.06E-06
5416	487917.26, 3856752.41	0.08796	1.14E-06	1.13E-06	1.10E-06
5417	487919.57, 3856953.35	0.10289	1.34E-06	1.32E-06	1.28E-06
5418	487932.76, 3857000.32	0.10675	1.39E-06	1.37E-06	1.33E-06
5419	487960.5, 3857044.75	0.11133	1.45E-06	1.43E-06	1.39E-06
5420	488016.54, 3857089.54	0.11714	1.52E-06	1.50E-06	1.46E-06
5421	488114.39, 3857165.47	0.12899	1.68E-06	1.66E-06	1.61E-06
5422	488171.49, 3857234.24	0.1406	1.83E-06	1.81E-06	1.75E-06
5423	488193.16, 3857297.8	0.1523	1.98E-06	1.96E-06	1.90E-06
5424	488189.27, 3857649.94	0.25616	3.33E-06	3.29E-06	3.19E-06
5425	488127.43, 3857732.32	0.30387	3.95E-06	3.90E-06	3.79E-06
5426	488149.93, 3857752.94	0.31898	4.15E-06	4.10E-06	3.98E-06
5427	488144.76, 3857758.71	0.32351	4.21E-06	4.16E-06	4.03E-06
5428	488335.58, 3857932.55	0.65414	8.51E-06	8.40E-06	8.16E-06

5429	488372.29, 3857943.79	0.72194	9.39E-06	9.27E-06	9.00E-06
5430	488828.64, 3857936.4	0.85979	1.12E-05	1.10E-05	1.07E-05
5431	488829.08, 3857959.58	0.9598	1.25E-05	1.23E-05	1.20E-05
5432	488351.61, 3857964.55	0.83731	1.09E-05	1.08E-05	1.04E-05
5433	488316.87, 3857947.65	0.71906	9.36E-06	9.24E-06	8.97E-06
5434	488129.1, 3857775.77	0.33867	4.41E-06	4.35E-06	4.22E-06
5435	488062.53, 3857846.13	0.40245	5.24E-06	5.17E-06	5.02E-06
5436	488330.41, 3858091.34	13.85237	1.80E-04	1.78E-04	1.73E-04
5437	488470.87, 3858174.45	7.8845	1.03E-04	1.01E-04	9.83E-05
5438	488568.9, 3858262.31	7.44608	9.69E-05	9.56E-05	9.29E-05
5439	488964.27, 3858025.71	1.16928	1.52E-05	1.50E-05	1.46E-05
5440	489147.25, 3857956.64	0.86555	1.13E-05	1.11E-05	1.08E-05
5441	489343.52, 3857932.45	0.77561	1.01E-05	9.96E-06	9.67E-06
5442	489866.19, 3857923.19	0.7615	9.91E-06	9.78E-06	9.50E-06
5443	489955.65, 3857902.27	0.72805	9.47E-06	9.35E-06	9.08E-06
5444	490079.44, 3857847.9	0.66587	8.67E-06	8.55E-06	8.30E-06
5445	490108.49, 3857934.13	0.82132	1.07E-05	1.05E-05	1.02E-05
5446	489884.48, 3858014.17	0.96669	1.26E-05	1.24E-05	1.21E-05
5447	489326.56, 3858025.86	0.99819	1.30E-05	1.28E-05	1.24E-05
5448	489130.38, 3858056.71	1.16049	1.51E-05	1.49E-05	1.45E-05
5449	488936.49, 3858143.93	1.70573	2.22E-05	2.19E-05	2.13E-05
5450	488638.08, 3858327.45	7.42358	9.66E-05	9.53E-05	9.26E-05
5451	488663.79, 3858349.57	7.30354	9.50E-05	9.38E-05	9.11E-05
5452	488694.56, 3858349.5	5.93084	7.72E-05	7.62E-05	7.40E-05
5453	488694.35, 3858336.75	5.4946	7.15E-05	7.06E-05	6.85E-05
5454	488712.81, 3858336.38	4.9889	6.49E-05	6.41E-05	6.22E-05
5455	488713.23, 3858367.46	5.95425	7.75E-05	7.65E-05	7.43E-05
5456	488704.63, 3858384.05	7.10893	9.25E-05	9.13E-05	8.87E-05
5457	488604.15, 3858488.29	2.34708	3.05E-05	3.01E-05	2.93E-05
5458	488605.66, 3858550.47	1.75652	2.29E-05	2.26E-05	2.19E-05
5459	488692.68, 3858548.71	2.64499	3.44E-05	3.40E-05	3.30E-05
5460	488759.93, 3858461.81	9.08782	1.18E-04	1.17E-04	1.13E-04
5461	488816.57, 3858541.79	12.81326	1.67E-04	1.65E-04	1.60E-04
5462	488944.63, 3858656.77	12.53252	1.63E-04	1.61E-04	1.56E-04
5463	489134.91, 3858830.7	13.45603	1.75E-04	1.73E-04	1.68E-04
5464	489193.99, 3858886.05	15.75893	2.05E-04	2.02E-04	1.97E-04
5465	489295.2, 3858954.34	6.74826	8.78E-05	8.67E-05	8.42E-05
5466	489295.64, 3858992.74	5.85371	7.62E-05	7.52E-05	7.30E-05
5467	489183.74, 3858911.72	7.4195	9.66E-05	9.53E-05	9.25E-05
5468	488873.37, 3858625.59	5.6407	7.34E-05	7.24E-05	7.04E-05
5469	488842.84, 3858658.69	3.37856	4.40E-05	4.34E-05	4.21E-05
5470	488856.39, 3858670.93	3.43057	4.46E-05	4.41E-05	4.28E-05
5471	488805.7, 3858724.5	1.9498	2.54E-05	2.50E-05	2.43E-05
5472	488805.87, 3858804.16	1.51339	1.97E-05	1.94E-05	1.89E-05
5473	488995.78, 3858936.96	1.88616	2.45E-05	2.42E-05	2.35E-05
5474	489130.76, 3859017.38	2.76896	3.60E-05	3.56E-05	3.45E-05
5475	489130.92, 3859052.24	2.61387	3.40E-05	3.36E-05	3.26E-05
5476	489200.33, 3859090.6	4.59499	5.98E-05	5.90E-05	5.73E-05
5477	489296.07, 3859143.7	5.01891	6.53E-05	6.45E-05	6.26E-05
5478	489296.43, 3858954.74	6.68532	8.70E-05	8.59E-05	8.34E-05
5479	489410.33, 3859033.19	3.43348	4.47E-05	4.41E-05	4.28E-05
5480	489371.37, 3859089.8	3.58011	4.66E-05	4.60E-05	4.47E-05
5481	489390.52, 3859102.82	3.30218	4.30E-05	4.24E-05	4.12E-05
5482	489382.3, 3859114.53	3.36792	4.38E-05	4.33E-05	4.20E-05
5483	489363.04, 3859102.45	3.66142	4.76E-05	4.70E-05	4.57E-05
5484	489337.52, 3859140.71	3.98043	5.18E-05	5.11E-05	4.96E-05

5485	489375.14, 3859164.55	3.3433	4.35E-05	4.29E-05	4.17E-05
5486	489409.3, 3859114.5	3.07459	4.00E-05	3.95E-05	3.83E-05
5487	489434.87, 3859131.81	2.81247	3.66E-05	3.61E-05	3.51E-05
5488	489471.87, 3859075.75	2.78369	3.62E-05	3.58E-05	3.47E-05
5489	489602.62, 3859164.69	2.02535	2.64E-05	2.60E-05	2.53E-05
5490	489558.29, 3859232.45	1.97892	2.58E-05	2.54E-05	2.47E-05
5491	489620.11, 3859273.56	1.72772	2.25E-05	2.22E-05	2.15E-05
5492	489666.06, 3859206.42	1.79468	2.34E-05	2.31E-05	2.24E-05
5493	489787.9, 3859285.65	1.45417	1.89E-05	1.87E-05	1.81E-05
5494	489752.17, 3859343.13	1.34172	1.75E-05	1.72E-05	1.67E-05
5495	489814.94, 3859385.33	1.17898	1.53E-05	1.51E-05	1.47E-05
5496	489853.42, 3859330.74	1.30504	1.70E-05	1.68E-05	1.63E-05
5497	489969.5, 3859401.91	1.07044	1.39E-05	1.37E-05	1.34E-05
5498	490166.91, 3859486.96	0.84316	1.10E-05	1.08E-05	1.05E-05
5499	490128.86, 3859571.46	0.66141	8.61E-06	8.49E-06	8.25E-06
5500	490186.65, 3859593.65	0.621	8.08E-06	7.98E-06	7.75E-06
5501	490223.74, 3859517.48	0.79741	1.04E-05	1.02E-05	9.95E-06
5502	490846.34, 3859817.22	0.49848	6.49E-06	6.40E-06	6.22E-06
5503	490925.65, 3859844.59	0.48498	6.31E-06	6.23E-06	6.05E-06
5504	491159.29, 3859896.28	0.46359	6.03E-06	5.95E-06	5.78E-06
5505	491370.69, 3859960.89	0.42719	5.56E-06	5.49E-06	5.33E-06
5506	491330.28, 3860063.17	0.26968	3.51E-06	3.46E-06	3.36E-06
5507	491636.45, 3860180.75	0.23196	3.02E-06	2.98E-06	2.89E-06
5508	491617.94, 3860203.93	0.22434	2.92E-06	2.88E-06	2.80E-06
5509	491805.68, 3860271.59	0.20556	2.68E-06	2.64E-06	2.56E-06
5510	491654.23, 3860414.02	0.18117	2.36E-06	2.33E-06	2.26E-06
5511	491592.62, 3860510.76	0.16648	2.17E-06	2.14E-06	2.08E-06
5512	491475.41, 3860368.93	0.18711	2.43E-06	2.40E-06	2.33E-06
5513	491445.61, 3860337.28	0.19267	2.51E-06	2.47E-06	2.40E-06
5514	491399.05, 3860300.37	0.20041	2.61E-06	2.57E-06	2.50E-06
5515	491228.84, 3860235.98	0.21553	2.80E-06	2.77E-06	2.69E-06
5516	491228.47, 3860174.57	0.23045	3.00E-06	2.96E-06	2.87E-06
5517	491145.77, 3860112.55	0.24982	3.25E-06	3.21E-06	3.12E-06
5518	490844.41, 3859966.22	0.31157	4.05E-06	4.00E-06	3.89E-06
5519	490845.55, 3859928.15	0.33067	4.30E-06	4.25E-06	4.12E-06
5520	490046.91, 3859625.6	0.62008	8.07E-06	7.96E-06	7.73E-06
5521	489970.48, 3859589.4	0.69618	9.06E-06	8.94E-06	8.68E-06
5522	489865.89, 3859529.06	0.85628	1.11E-05	1.10E-05	1.07E-05
5523	489826.89, 3859531.74	0.88254	1.15E-05	1.13E-05	1.10E-05
5524	489410.47, 3859303.06	2.76028	3.59E-05	3.55E-05	3.44E-05
5525	489407.15, 3859286.09	2.81254	3.66E-05	3.61E-05	3.51E-05
5526	488806.07, 3858963.62	1.06788	1.39E-05	1.37E-05	1.33E-05
5527	488817.64, 3859546.3	0.52178	6.79E-06	6.70E-06	6.51E-06
5528	489187.25, 3859549.52	2.6988	3.51E-05	3.47E-05	3.37E-05
5529	489187.66, 3859523.74	3.56332	4.64E-05	4.58E-05	4.44E-05
5530	489232.59, 3859522.85	8.07057	1.05E-04	1.04E-04	1.01E-04
5531	489224.98, 3859759.91	1.30503	1.70E-05	1.68E-05	1.63E-05
5532	488401.39, 3859763.34	0.26531	3.45E-06	3.41E-06	3.31E-06
5533	488405.51, 3859966.16	0.22269	2.90E-06	2.86E-06	2.78E-06
5534	489202.85, 3859956.57	0.57699	7.51E-06	7.41E-06	7.20E-06
5535	489191.9, 3860676.74	0.62925	8.19E-06	8.08E-06	7.85E-06
5536	488392.82, 3860687.88	0.13978	1.82E-06	1.80E-06	1.74E-06
5537	488392.82, 3860760.27	0.13529	1.76E-06	1.74E-06	1.69E-06
5538	487549.05, 3860777.45	0.0984	1.28E-06	1.26E-06	1.23E-06
5539	487554.62, 3859571.83	0.18641	2.43E-06	2.39E-06	2.32E-06
5540	485949.46, 3859558.54	0.08491	1.10E-06	1.09E-06	1.06E-06

5541	485947.55, 3857943.61	0.08976	1.17E-06	1.15E-06	1.12E-06
5542	484738.38, 3857940.21	0.05628	7.32E-07	7.23E-07	7.02E-07
5543	484737.06, 3857535.68	0.05456	7.10E-07	7.01E-07	6.80E-07
5544	483730.2, 3857530.13	0.04115	5.36E-07	5.29E-07	5.13E-07
5545	483727.27, 3857130.01	0.03984	5.18E-07	5.12E-07	4.97E-07
5546	483124.42, 3857123.45	0.03491	4.54E-07	4.48E-07	4.35E-07
5547	483111.13, 3855921.03	0.02721	3.54E-07	3.49E-07	3.39E-07
5548	482701.73, 3855918.24	0.02551	3.32E-07	3.28E-07	3.18E-07
5549	482668.02, 3853521.78	0.01584	2.06E-07	2.03E-07	1.98E-07
5550	482579.91, 3853219.19	0.01491	1.94E-07	1.91E-07	1.86E-07
5551	482434.06, 3852961.94	0.01416	1.84E-07	1.82E-07	1.77E-07
5552	482332.11, 3852832.85	0.01381	1.80E-07	1.77E-07	1.72E-07
5553	481334.99, 3851818.96	0.01101	1.43E-07	1.41E-07	1.37E-07
5554	481127.62, 3851646.36	0.01056	1.37E-07	1.36E-07	1.32E-07
5555	481025.04, 3851591.73	0.01034	1.35E-07	1.33E-07	1.29E-07
5556	480513.6, 3851335.76	0.00937	1.22E-07	1.20E-07	1.17E-07
5557	480523.56, 3851317.66	0.00938	1.22E-07	1.20E-07	1.17E-07
5558	476921.56, 3849569.11	0.00626	8.15E-08	8.04E-08	7.81E-08
5559	476521.19, 3849373.96	0.00595	7.74E-08	7.64E-08	7.42E-08
5560	476391.45, 3849333.38	0.0059	7.68E-08	7.58E-08	7.36E-08
5561	476219.41, 3849304.29	0.00585	7.61E-08	7.51E-08	7.30E-08
5562	475679.11, 3849218.47	0.0056	7.29E-08	7.19E-08	6.98E-08
5563	475677.71, 3849233.88	0.00563	7.33E-08	7.23E-08	7.02E-08
5564	475492.74, 3849204.66	0.00509	6.62E-08	6.54E-08	6.35E-08
5565	475497.64, 3849158.75	0.00524	6.82E-08	6.73E-08	6.54E-08
5566	475391.35, 3849141.94	0.00536	6.98E-08	6.88E-08	6.69E-08
5567	475277, 3849095.47	0.00536	6.98E-08	6.88E-08	6.69E-08
5568	475183.93, 3849025.66	0.00528	6.87E-08	6.78E-08	6.59E-08
5569	474453.23, 3848378.77	0.00483	6.29E-08	6.20E-08	6.02E-08
5570	474569.63, 3848399.34	0.0048	6.25E-08	6.16E-08	5.99E-08
5571	474644.33, 3848464.52	0.00486	6.32E-08	6.24E-08	6.06E-08
5572	474719.04, 3848529.7	0.00491	6.39E-08	6.31E-08	6.12E-08
5573	474793.74, 3848594.88	0.00493	6.42E-08	6.33E-08	6.15E-08
5574	474868.45, 3848660.07	0.00492	6.40E-08	6.32E-08	6.14E-08
5575	474943.15, 3848725.25	0.00494	6.43E-08	6.34E-08	6.16E-08
5576	475017.86, 3848790.43	0.00501	6.52E-08	6.43E-08	6.25E-08
5577	475092.56, 3848855.61	0.00509	6.62E-08	6.54E-08	6.35E-08
5578	475232.58, 3848959.38	0.00521	6.78E-08	6.69E-08	6.50E-08
5579	475368.47, 3849029.98	0.00525	6.83E-08	6.74E-08	6.55E-08
5580	475609.57, 3849096.09	0.00527	6.86E-08	6.77E-08	6.57E-08
5581	475680.68, 3849116.62	0.00538	7.00E-08	6.91E-08	6.71E-08
5582	475843.76, 3849151.52	0.00551	7.17E-08	7.08E-08	6.87E-08
5583	475935.73, 3849165.89	0.00562	7.31E-08	7.22E-08	7.01E-08
5584	476027.71, 3849180.27	0.00571	7.43E-08	7.33E-08	7.12E-08
5585	476119.68, 3849194.64	0.00565	7.35E-08	7.26E-08	7.05E-08
5586	476211.65, 3849209.01	0.00566	7.37E-08	7.27E-08	7.06E-08
5587	476497.81, 3849283.9	0.00578	7.52E-08	7.42E-08	7.21E-08
5588	476603.73, 3849323.77	0.00586	7.63E-08	7.53E-08	7.31E-08
5589	476728.99, 3849382.76	0.00595	7.74E-08	7.64E-08	7.42E-08
5590	476801.27, 3849418.65	0.00601	7.82E-08	7.72E-08	7.50E-08
5591	476956.2, 3849495.05	0.00613	7.98E-08	7.87E-08	7.65E-08
5592	477038.84, 3849535.56	0.00617	8.03E-08	7.92E-08	7.70E-08
5593	477121.49, 3849576.08	0.00623	8.11E-08	8.00E-08	7.77E-08
5594	477204.13, 3849616.6	0.00626	8.15E-08	8.04E-08	7.81E-08
5595	477286.78, 3849657.12	0.00623	8.11E-08	8.00E-08	7.77E-08
5596	477369.42, 3849697.63	0.00637	8.29E-08	8.18E-08	7.94E-08

5597	477452.07, 3849738.15	0.00641	8.34E-08	8.23E-08	7.99E-08
5598	477534.71, 3849778.67	0.00651	8.47E-08	8.36E-08	8.12E-08
5599	477617.36, 3849819.18	0.00655	8.52E-08	8.41E-08	8.17E-08
5600	477824.74, 3849896.37	0.00668	8.69E-08	8.58E-08	8.33E-08
5601	477906.31, 3849936.37	0.00663	8.63E-08	8.52E-08	8.27E-08
5602	477987.89, 3849976.36	0.0067	8.72E-08	8.61E-08	8.36E-08
5603	478069.47, 3850016.36	0.00669	8.71E-08	8.59E-08	8.34E-08
5604	478151.04, 3850056.35	0.00668	8.69E-08	8.58E-08	8.33E-08
5605	478232.62, 3850096.35	0.00673	8.76E-08	8.64E-08	8.39E-08
5606	478314.2, 3850136.34	0.0068	8.85E-08	8.73E-08	8.48E-08
5607	478395.77, 3850176.34	0.00686	8.93E-08	8.81E-08	8.56E-08
5608	478575.43, 3850244.45	0.00698	9.08E-08	8.96E-08	8.71E-08
5609	478665.06, 3850287.29	0.00706	9.19E-08	9.07E-08	8.81E-08
5610	478754.69, 3850330.14	0.00715	9.30E-08	9.18E-08	8.92E-08
5611	478844.32, 3850372.99	0.00725	9.43E-08	9.31E-08	9.04E-08
5612	478933.95, 3850415.84	0.00736	9.58E-08	9.45E-08	9.18E-08
5613	479023.58, 3850458.68	0.00741	9.64E-08	9.52E-08	9.24E-08
5614	479110.66, 3850441.91	0.00745	9.70E-08	9.57E-08	9.29E-08
5615	479191.22, 3850423.99	0.00747	9.72E-08	9.59E-08	9.32E-08
5616	479274.32, 3850465.71	0.00754	9.81E-08	9.68E-08	9.40E-08
5617	479357.43, 3850507.42	0.00758	9.86E-08	9.74E-08	9.45E-08
5618	479440.53, 3850549.14	0.00761	9.90E-08	9.77E-08	9.49E-08
5619	479523.64, 3850590.85	0.00767	9.98E-08	9.85E-08	9.57E-08
5620	479606.74, 3850632.57	0.00775	1.01E-07	9.95E-08	9.67E-08
5621	479777.37, 3850707.61	0.0079	1.03E-07	1.01E-07	9.85E-08
5622	479864.9, 3850740.95	0.00801	1.04E-07	1.03E-07	9.99E-08
5623	479931.87, 3850829.57	0.00816	1.06E-07	1.05E-07	1.02E-07
5624	479995.55, 3850926.75	0.00836	1.09E-07	1.07E-07	1.04E-07
5625	480079.78, 3850968.64	0.00851	1.11E-07	1.09E-07	1.06E-07
5626	480164.01, 3851010.54	0.00867	1.13E-07	1.11E-07	1.08E-07
5627	480248.23, 3851052.43	0.00883	1.15E-07	1.13E-07	1.10E-07
5628	480332.46, 3851094.33	0.00897	1.17E-07	1.15E-07	1.12E-07
5629	480416.69, 3851136.22	0.00908	1.18E-07	1.17E-07	1.13E-07
5630	480579.95, 3851215.17	0.00934	1.22E-07	1.20E-07	1.16E-07
5631	480658.98, 3851252.22	0.00949	1.23E-07	1.22E-07	1.18E-07
5632	480817.36, 3851327.85	0.0098	1.28E-07	1.26E-07	1.22E-07
5633	480896.72, 3851366.43	0.00996	1.30E-07	1.28E-07	1.24E-07
5634	480976.07, 3851405	0.01013	1.32E-07	1.30E-07	1.26E-07
5635	481178, 3851487.31	0.01058	1.38E-07	1.36E-07	1.32E-07
5636	481244.9, 3851557.17	0.01074	1.40E-07	1.38E-07	1.34E-07
5637	481311.81, 3851627.03	0.01089	1.42E-07	1.40E-07	1.36E-07
5638	481378.71, 3851696.89	0.01103	1.44E-07	1.42E-07	1.38E-07
5639	481445.61, 3851766.76	0.01119	1.46E-07	1.44E-07	1.40E-07
5640	481512.51, 3851836.62	0.01133	1.47E-07	1.46E-07	1.41E-07
5641	481579.42, 3851906.48	0.01147	1.49E-07	1.47E-07	1.43E-07
5642	481646.32, 3851976.34	0.01162	1.51E-07	1.49E-07	1.45E-07
5643	481713.22, 3852046.2	0.01173	1.53E-07	1.51E-07	1.46E-07
5644	481780.12, 3852116.06	0.01191	1.55E-07	1.53E-07	1.49E-07
5645	481847.03, 3852185.92	0.01213	1.58E-07	1.56E-07	1.51E-07
5646	481913.93, 3852255.78	0.01236	1.61E-07	1.59E-07	1.54E-07
5647	481980.83, 3852325.65	0.01262	1.64E-07	1.62E-07	1.57E-07
5648	482047.73, 3852395.51	0.01283	1.67E-07	1.65E-07	1.60E-07
5649	482114.64, 3852465.37	0.01308	1.70E-07	1.68E-07	1.63E-07
5650	482181.54, 3852535.23	0.01327	1.73E-07	1.70E-07	1.66E-07
5651	482338.69, 3852700.05	0.01378	1.79E-07	1.77E-07	1.72E-07
5652	482404.05, 3852767.78	0.014	1.82E-07	1.80E-07	1.75E-07

5653	482469.4, 3852835.52	0.01422	1.85E-07	1.83E-07	1.77E-07
5654	482534.75, 3852903.25	0.01442	1.88E-07	1.85E-07	1.80E-07
5655	482600.11, 3852970.99	0.01465	1.91E-07	1.88E-07	1.83E-07
5656	482706.71, 3853119.28	0.015	1.95E-07	1.93E-07	1.87E-07
5657	482747.96, 3853199.84	0.0152	1.98E-07	1.95E-07	1.90E-07
5658	482789.21, 3853280.4	0.01544	2.01E-07	1.98E-07	1.93E-07
5659	482830.46, 3853360.96	0.01567	2.04E-07	2.01E-07	1.95E-07
5660	482871.71, 3853441.52	0.01591	2.07E-07	2.04E-07	1.98E-07
5661	482912.95, 3853522.07	0.01609	2.09E-07	2.07E-07	2.01E-07
5662	482954.2, 3853602.63	0.01629	2.12E-07	2.09E-07	2.03E-07
5663	482995.45, 3853683.19	0.01651	2.15E-07	2.12E-07	2.06E-07
5664	483036.7, 3853763.75	0.01676	2.18E-07	2.15E-07	2.09E-07
5665	483214.2, 3853909.91	0.01706	2.22E-07	2.19E-07	2.13E-07
5666	483307.01, 3853910.44	0.01724	2.24E-07	2.21E-07	2.15E-07
5667	483399.83, 3853910.96	0.01741	2.27E-07	2.24E-07	2.17E-07
5668	483494.52, 3854009.24	0.01793	2.33E-07	2.30E-07	2.24E-07
5669	483496.41, 3854106.98	0.01828	2.38E-07	2.35E-07	2.28E-07
5670	483577.56, 3854261.96	0.01871	2.43E-07	2.40E-07	2.33E-07
5671	483656.83, 3854319.19	0.01879	2.45E-07	2.41E-07	2.34E-07
5672	483736.1, 3854376.41	0.01878	2.44E-07	2.41E-07	2.34E-07
5673	483815.37, 3854433.64	0.01871	2.43E-07	2.40E-07	2.33E-07
5674	483894.63, 3854490.87	0.01859	2.42E-07	2.39E-07	2.32E-07
5675	483973.9, 3854548.1	0.01845	2.40E-07	2.37E-07	2.30E-07
5676	484053.17, 3854605.32	0.01847	2.40E-07	2.37E-07	2.30E-07
5677	484214.97, 3854698.15	0.01879	2.45E-07	2.41E-07	2.34E-07
5678	484297.5, 3854733.74	0.01932	2.51E-07	2.48E-07	2.41E-07
5679	484380.03, 3854769.34	0.01956	2.55E-07	2.51E-07	2.44E-07
5680	484462.56, 3854804.94	0.02009	2.61E-07	2.58E-07	2.51E-07
5681	484545.09, 3854840.53	0.02033	2.65E-07	2.61E-07	2.54E-07
5682	484691.88, 3854912.59	0.02188	2.85E-07	2.81E-07	2.73E-07
5683	484830.81, 3855012.51	0.02364	3.08E-07	3.04E-07	2.95E-07
5684	484905.48, 3855075.97	0.02504	3.26E-07	3.22E-07	3.12E-07
5685	484980.14, 3855139.44	0.0262	3.41E-07	3.37E-07	3.27E-07
5686	485054.81, 3855202.91	0.02711	3.53E-07	3.48E-07	3.38E-07
5687	485129.48, 3855266.37	0.02759	3.59E-07	3.54E-07	3.44E-07
5688	485204.15, 3855329.84	0.02897	3.77E-07	3.72E-07	3.61E-07
5689	485278.82, 3855393.31	0.02991	3.89E-07	3.84E-07	3.73E-07
5690	485353.48, 3855456.77	0.03115	4.05E-07	4.00E-07	3.89E-07
5691	485428.15, 3855520.24	0.03215	4.18E-07	4.13E-07	4.01E-07
5692	485502.82, 3855583.71	0.03327	4.33E-07	4.27E-07	4.15E-07
5693	485577.49, 3855647.17	0.0349	4.54E-07	4.48E-07	4.35E-07
5694	485652.16, 3855710.64	0.03658	4.76E-07	4.70E-07	4.56E-07
5695	485726.83, 3855774.11	0.0379	4.93E-07	4.87E-07	4.73E-07
5696	485801.49, 3855837.57	0.03902	5.08E-07	5.01E-07	4.87E-07
5697	485876.16, 3855901.04	0.04044	5.26E-07	5.19E-07	5.04E-07
5698	485950.83, 3855964.5	0.04172	5.43E-07	5.36E-07	5.20E-07
5699	486025.5, 3856027.97	0.04272	5.56E-07	5.49E-07	5.33E-07
5700	486100.17, 3856091.44	0.04525	5.89E-07	5.81E-07	5.64E-07
5701	486174.83, 3856154.9	0.04618	6.01E-07	5.93E-07	5.76E-07
5702	486249.5, 3856218.37	0.04603	5.99E-07	5.91E-07	5.74E-07
5703	486324.17, 3856281.84	0.04612	6.00E-07	5.92E-07	5.75E-07
5704	486398.84, 3856345.3	0.04837	6.29E-07	6.21E-07	6.03E-07
5705	486473.51, 3856408.77	0.05021	6.53E-07	6.45E-07	6.26E-07
5706	486548.17, 3856472.24	0.05293	6.89E-07	6.80E-07	6.60E-07
5707	486622.84, 3856535.7	0.056	7.29E-07	7.19E-07	6.98E-07
5708	486765.48, 3856659.69	0.06331	8.24E-07	8.13E-07	7.90E-07

5709	486833.44, 3856720.2	0.06691	8.71E-07	8.59E-07	8.35E-07
5710	486901.41, 3856780.72	0.07128	9.28E-07	9.15E-07	8.89E-07
5711	486969.38, 3856841.24	0.07573	9.86E-07	9.73E-07	9.45E-07
5712	487037.34, 3856901.75	0.08054	1.05E-06	1.03E-06	1.00E-06
5713	487271.23, 3856855.51	0.08569	1.12E-06	1.10E-06	1.07E-06
5714	487368.96, 3856857.29	0.08575	1.12E-06	1.10E-06	1.07E-06
5715	487466.68, 3856859.06	0.0865	1.13E-06	1.11E-06	1.08E-06
5716	487636.44, 3856930	0.09399	1.22E-06	1.21E-06	1.17E-06
5717	487709.57, 3856928.43	0.09577	1.25E-06	1.23E-06	1.19E-06
5718	487782.55, 3856841.96	0.09057	1.18E-06	1.16E-06	1.13E-06
5719	487849.83, 3856754.74	0.08615	1.12E-06	1.11E-06	1.07E-06
5720	487918.03, 3856819.39	0.09262	1.21E-06	1.19E-06	1.16E-06
5721	487918.8, 3856886.37	0.09774	1.27E-06	1.26E-06	1.22E-06
5722	488065.47, 3857127.51	0.12306	1.60E-06	1.58E-06	1.53E-06
5723	488192.19, 3857385.84	0.16889	2.20E-06	2.17E-06	2.11E-06
5724	488191.22, 3857473.87	0.19033	2.48E-06	2.44E-06	2.37E-06
5725	488190.24, 3857561.91	0.21865	2.85E-06	2.81E-06	2.73E-06
5726	488158.35, 3857691.13	0.2776	3.61E-06	3.57E-06	3.46E-06
5727	488208.37, 3857816.66	0.38953	5.07E-06	5.00E-06	4.86E-06
5728	488271.97, 3857874.6	0.48395	6.30E-06	6.22E-06	6.04E-06
5729	488463.56, 3857942.31	0.77083	1.00E-05	9.90E-06	9.61E-06
5730	488554.83, 3857940.83	0.83932	1.09E-05	1.08E-05	1.05E-05
5731	488646.1, 3857939.36	0.87046	1.13E-05	1.12E-05	1.09E-05
5732	488737.37, 3857937.88	0.87177	1.13E-05	1.12E-05	1.09E-05
5733	488733.59, 3857960.57	0.99243	1.29E-05	1.27E-05	1.24E-05
5734	488638.09, 3857961.57	1.01414	1.32E-05	1.30E-05	1.26E-05
5735	488542.6, 3857962.56	0.9998	1.30E-05	1.28E-05	1.25E-05
5736	488447.1, 3857963.56	0.91649	1.19E-05	1.18E-05	1.14E-05
5737	488254.28, 3857890.36	0.52035	6.77E-06	6.68E-06	6.49E-06
5738	488191.69, 3857833.06	0.41132	5.35E-06	5.28E-06	5.13E-06
5739	488129.5, 3857907.43	0.54357	7.07E-06	6.98E-06	6.78E-06
5740	488196.47, 3857968.74	0.82703	1.08E-05	1.06E-05	1.03E-05
5741	488263.44, 3858030.04	1.86118	2.42E-05	2.39E-05	2.32E-05
5742	488400.64, 3858132.9	10.02433	1.30E-04	1.29E-04	1.25E-04
5743	488519.89, 3858218.38	7.60003	9.89E-05	9.76E-05	9.48E-05
5744	488647.97, 3858214.99	3.85627	5.02E-05	4.95E-05	4.81E-05
5745	488727.05, 3858167.67	2.60816	3.39E-05	3.35E-05	3.25E-05
5746	488806.12, 3858120.35	1.91423	2.49E-05	2.46E-05	2.39E-05
5747	488885.2, 3858073.03	1.46984	1.91E-05	1.89E-05	1.83E-05
5748	489055.76, 3857991.18	0.99559	1.30E-05	1.28E-05	1.24E-05
5749	489245.39, 3857944.55	0.81427	1.06E-05	1.05E-05	1.02E-05
5750	489430.63, 3857930.91	0.7664	9.97E-06	9.84E-06	9.56E-06
5751	489517.74, 3857929.36	0.76042	9.90E-06	9.77E-06	9.48E-06
5752	489604.86, 3857927.82	0.75386	9.81E-06	9.68E-06	9.40E-06
5753	489691.97, 3857926.28	0.75282	9.80E-06	9.67E-06	9.39E-06
5754	489779.08, 3857924.73	0.75652	9.84E-06	9.72E-06	9.44E-06
5755	490017.55, 3857875.09	0.691	8.99E-06	8.87E-06	8.62E-06
5756	490033.82, 3857960.81	0.86271	1.12E-05	1.11E-05	1.08E-05
5757	489959.15, 3857987.49	0.91623	1.19E-05	1.18E-05	1.14E-05
5758	489791.49, 3858016.12	0.95752	1.25E-05	1.23E-05	1.19E-05
5759	489698.51, 3858018.07	0.95337	1.24E-05	1.22E-05	1.19E-05
5760	489605.52, 3858020.02	0.95338	1.24E-05	1.22E-05	1.19E-05
5761	489512.53, 3858021.96	0.96339	1.25E-05	1.24E-05	1.20E-05
5762	489419.55, 3858023.91	0.97855	1.27E-05	1.26E-05	1.22E-05
5763	489228.47, 3858041.29	1.06584	1.39E-05	1.37E-05	1.33E-05
5764	489065.75, 3858085.78	1.30701	1.70E-05	1.68E-05	1.63E-05

5765	489001.12, 3858114.86	1.48181	1.93E-05	1.90E-05	1.85E-05
5766	488861.89, 3858189.81	2.1243	2.76E-05	2.73E-05	2.65E-05
5767	488787.29, 3858235.69	2.75902	3.59E-05	3.54E-05	3.44E-05
5768	488712.68, 3858281.57	3.91636	5.10E-05	5.03E-05	4.88E-05
5769	488654.39, 3858436.17	6.21693	8.09E-05	7.98E-05	7.75E-05
5770	488726.31, 3858505.26	5.78656	7.53E-05	7.43E-05	7.22E-05
5771	488880.6, 3858599.28	12.64288	1.65E-04	1.62E-04	1.58E-04
5772	489008.06, 3858714.75	12.62329	1.64E-04	1.62E-04	1.57E-04
5773	489071.48, 3858772.72	12.87716	1.68E-04	1.65E-04	1.61E-04
5774	489244.6, 3858920.2	13.51931	1.76E-04	1.74E-04	1.69E-04
5775	489239.69, 3858952.23	10.1038	1.31E-04	1.30E-04	1.26E-04
5776	489121.67, 3858854.49	7.58704	9.87E-05	9.74E-05	9.46E-05
5777	489059.59, 3858797.27	6.09356	7.93E-05	7.83E-05	7.60E-05
5778	488997.52, 3858740.04	5.82825	7.58E-05	7.49E-05	7.27E-05
5779	488935.44, 3858682.82	6.90196	8.98E-05	8.86E-05	8.61E-05
5780	488869.17, 3858848.43	1.61336	2.10E-05	2.07E-05	2.01E-05
5781	488932.48, 3858892.69	1.72395	2.24E-05	2.21E-05	2.15E-05
5782	489063.27, 3858977.17	2.16698	2.82E-05	2.78E-05	2.70E-05
5783	489248.2, 3859117.15	7.49869	9.76E-05	9.63E-05	9.35E-05
5784	489296.25, 3859049.22	5.3917	7.02E-05	6.92E-05	6.72E-05
5785	489353.38, 3858993.97	4.46747	5.81E-05	5.74E-05	5.57E-05
5786	489537.25, 3859120.22	2.33787	3.04E-05	3.00E-05	2.92E-05
5787	489726.98, 3859246.04	1.61228	2.10E-05	2.07E-05	2.01E-05
5788	489911.46, 3859366.33	1.18399	1.54E-05	1.52E-05	1.48E-05
5789	490035.3, 3859430.26	0.99315	1.29E-05	1.28E-05	1.24E-05
5790	490101.11, 3859458.61	0.91807	1.19E-05	1.18E-05	1.15E-05
5791	490312.68, 3859560.3	0.72866	9.48E-06	9.36E-06	9.09E-06
5792	490401.63, 3859603.12	0.67191	8.74E-06	8.63E-06	8.38E-06
5793	490490.57, 3859645.94	0.62413	8.12E-06	8.02E-06	7.78E-06
5794	490579.51, 3859688.76	0.5845	7.61E-06	7.51E-06	7.29E-06
5795	490668.45, 3859731.58	0.55041	7.16E-06	7.07E-06	6.86E-06
5796	490757.4, 3859774.4	0.52328	6.81E-06	6.72E-06	6.53E-06
5797	491003.53, 3859861.82	0.47627	6.20E-06	6.12E-06	5.94E-06
5798	491081.41, 3859879.05	0.47335	6.16E-06	6.08E-06	5.90E-06
5799	491229.76, 3859917.82	0.45322	5.90E-06	5.82E-06	5.65E-06
5800	491300.22, 3859939.35	0.4393	5.72E-06	5.64E-06	5.48E-06
5801	491350.49, 3860012.03	0.30687	3.99E-06	3.94E-06	3.83E-06
5802	491406.82, 3860092.57	0.25947	3.38E-06	3.33E-06	3.24E-06
5803	491483.37, 3860121.96	0.25016	3.26E-06	3.21E-06	3.12E-06
5804	491559.91, 3860151.36	0.24046	3.13E-06	3.09E-06	3.00E-06
5805	491711.81, 3860237.76	0.22006	2.86E-06	2.83E-06	2.74E-06
5806	491755.2, 3860319.07	0.19423	2.53E-06	2.49E-06	2.42E-06
5807	491704.71, 3860366.54	0.18666	2.43E-06	2.40E-06	2.33E-06
5808	491623.43, 3860462.39	0.17269	2.25E-06	2.22E-06	2.15E-06
5809	491534.02, 3860439.85	0.18473	2.40E-06	2.37E-06	2.30E-06
5810	491313.95, 3860268.18	0.20675	2.69E-06	2.66E-06	2.58E-06
5811	491187.12, 3860143.56	0.24027	3.13E-06	3.09E-06	3.00E-06
5812	491070.43, 3860075.97	0.2637	3.43E-06	3.39E-06	3.29E-06
5813	490995.09, 3860039.39	0.27743	3.61E-06	3.56E-06	3.46E-06
5814	490919.75, 3860002.8	0.29264	3.81E-06	3.76E-06	3.65E-06
5815	490756.81, 3859894.53	0.34735	4.52E-06	4.46E-06	4.33E-06
5816	490668.07, 3859860.92	0.36375	4.73E-06	4.67E-06	4.54E-06
5817	490579.34, 3859827.3	0.38471	5.01E-06	4.94E-06	4.80E-06
5818	490490.6, 3859793.68	0.40726	5.30E-06	5.23E-06	5.08E-06
5819	490401.86, 3859760.07	0.43444	5.65E-06	5.58E-06	5.42E-06
5820	490313.12, 3859726.45	0.46824	6.09E-06	6.01E-06	5.84E-06

5821	490224.39, 3859692.83	0.50915	6.63E-06	6.54E-06	6.35E-06
5822	490135.65, 3859659.22	0.55954	7.28E-06	7.19E-06	6.98E-06
5823	489918.19, 3859559.23	0.7692	1.00E-05	9.88E-06	9.59E-06
5824	489743.61, 3859486	1.07371	1.40E-05	1.38E-05	1.34E-05
5825	489660.32, 3859440.27	1.33453	1.74E-05	1.71E-05	1.66E-05
5826	489577.04, 3859394.53	1.67401	2.18E-05	2.15E-05	2.09E-05
5827	489493.75, 3859348.8	2.11155	2.75E-05	2.71E-05	2.63E-05
5828	489321.28, 3859240.02	4.18932	5.45E-05	5.38E-05	5.22E-05
5829	489235.41, 3859193.96	8.6484	1.13E-04	1.11E-04	1.08E-04
5830	489149.54, 3859147.89	2.64819	3.45E-05	3.40E-05	3.30E-05
5831	489063.68, 3859101.82	1.6922	2.20E-05	2.17E-05	2.11E-05
5832	488977.81, 3859055.75	1.37675	1.79E-05	1.77E-05	1.72E-05
5833	488891.94, 3859009.69	1.18777	1.55E-05	1.53E-05	1.48E-05
5834	488808, 3859060.73	0.92534	1.20E-05	1.19E-05	1.15E-05
5835	488809.93, 3859157.85	0.81893	1.07E-05	1.05E-05	1.02E-05
5836	488811.86, 3859254.96	0.73838	9.61E-06	9.48E-06	9.21E-06
5837	488813.78, 3859352.07	0.666	8.67E-06	8.55E-06	8.31E-06
5838	488815.71, 3859449.19	0.59619	7.76E-06	7.66E-06	7.44E-06
5839	488910.04, 3859547.11	0.60849	7.92E-06	7.82E-06	7.59E-06
5840	489002.45, 3859547.91	0.76207	9.92E-06	9.79E-06	9.50E-06
5841	489094.85, 3859548.72	1.10218	1.43E-05	1.42E-05	1.37E-05
5842	489230.05, 3859601.87	1.76742	2.30E-05	2.27E-05	2.20E-05
5843	489227.52, 3859680.89	1.39967	1.82E-05	1.80E-05	1.75E-05
5844	489133.47, 3859760.29	0.6011	7.82E-06	7.72E-06	7.50E-06
5845	489041.96, 3859760.67	0.49607	6.46E-06	6.37E-06	6.19E-06
5846	488950.45, 3859761.05	0.43408	5.65E-06	5.58E-06	5.41E-06
5847	488858.94, 3859761.43	0.39003	5.08E-06	5.01E-06	4.86E-06
5848	488767.43, 3859761.82	0.35644	4.64E-06	4.58E-06	4.45E-06
5849	488675.92, 3859762.2	0.33116	4.31E-06	4.25E-06	4.13E-06
5850	488584.41, 3859762.58	0.3066	3.99E-06	3.94E-06	3.82E-06
5851	488492.9, 3859762.96	0.28517	3.71E-06	3.66E-06	3.56E-06
5852	488402.76, 3859830.95	0.25157	3.27E-06	3.23E-06	3.14E-06
5853	488404.14, 3859898.55	0.23591	3.07E-06	3.03E-06	2.94E-06
5854	488505.18, 3859964.96	0.23629	3.07E-06	3.03E-06	2.95E-06
5855	488604.85, 3859963.76	0.25172	3.28E-06	3.23E-06	3.14E-06
5856	488704.51, 3859962.56	0.26957	3.51E-06	3.46E-06	3.36E-06
5857	488804.18, 3859961.37	0.29131	3.79E-06	3.74E-06	3.63E-06
5858	488903.85, 3859960.17	0.31815	4.14E-06	4.09E-06	3.97E-06
5859	489003.52, 3859958.97	0.35177	4.58E-06	4.52E-06	4.39E-06
5860	489103.18, 3859957.77	0.42013	5.47E-06	5.40E-06	5.24E-06
5861	489201.48, 3860046.59	0.54729	7.12E-06	7.03E-06	6.83E-06
5862	489200.11, 3860136.61	0.53057	6.90E-06	6.81E-06	6.62E-06
5863	489198.74, 3860226.63	0.60338	7.85E-06	7.75E-06	7.53E-06
5864	489197.38, 3860316.66	0.48108	6.26E-06	6.18E-06	6.00E-06
5865	489196.01, 3860406.68	0.4672	6.08E-06	6.00E-06	5.83E-06
5866	489194.64, 3860496.7	0.5455	7.10E-06	7.01E-06	6.80E-06
5867	489193.27, 3860586.72	0.52828	6.87E-06	6.79E-06	6.59E-06
5868	489092.02, 3860678.13	0.27184	3.54E-06	3.49E-06	3.39E-06
5869	488992.13, 3860679.53	0.21187	2.76E-06	2.72E-06	2.64E-06
5870	488892.25, 3860680.92	0.18657	2.43E-06	2.40E-06	2.33E-06
5871	488792.36, 3860682.31	0.17055	2.22E-06	2.19E-06	2.13E-06
5872	488692.48, 3860683.7	0.15912	2.07E-06	2.04E-06	1.98E-06
5873	488592.59, 3860685.1	0.14984	1.95E-06	1.92E-06	1.87E-06
5874	488492.71, 3860686.49	0.14401	1.87E-06	1.85E-06	1.80E-06
5875	488299.07, 3860762.18	0.13118	1.71E-06	1.68E-06	1.64E-06
5876	488205.32, 3860764.09	0.12653	1.65E-06	1.63E-06	1.58E-06

5877	488111.56, 3860766	0.12154	1.58E-06	1.56E-06	1.52E-06
5878	488017.81, 3860767.91	0.11648	1.52E-06	1.50E-06	1.45E-06
5879	487924.06, 3860769.81	0.11178	1.45E-06	1.44E-06	1.39E-06
5880	487830.31, 3860771.72	0.10753	1.40E-06	1.38E-06	1.34E-06
5881	487736.55, 3860773.63	0.10385	1.35E-06	1.33E-06	1.30E-06
5882	487642.8, 3860775.54	0.10089	1.31E-06	1.30E-06	1.26E-06
5883	487549.48, 3860684.71	0.10168	1.32E-06	1.31E-06	1.27E-06
5884	487549.91, 3860591.97	0.10485	1.36E-06	1.35E-06	1.31E-06
5885	487550.34, 3860499.23	0.10893	1.42E-06	1.40E-06	1.36E-06
5886	487550.76, 3860406.49	0.11388	1.48E-06	1.46E-06	1.42E-06
5887	487551.19, 3860313.75	0.11917	1.55E-06	1.53E-06	1.49E-06
5888	487551.62, 3860221.01	0.12531	1.63E-06	1.61E-06	1.56E-06
5889	487552.05, 3860128.27	0.13303	1.73E-06	1.71E-06	1.66E-06
5890	487552.48, 3860035.53	0.14108	1.84E-06	1.81E-06	1.76E-06
5891	487552.91, 3859942.79	0.14797	1.93E-06	1.90E-06	1.85E-06
5892	487553.33, 3859850.05	0.15699	2.04E-06	2.02E-06	1.96E-06
5893	487553.76, 3859757.31	0.16563	2.16E-06	2.13E-06	2.07E-06
5894	487554.19, 3859664.57	0.17495	2.28E-06	2.25E-06	2.18E-06
5895	487460.2, 3859571.05	0.17649	2.30E-06	2.27E-06	2.20E-06
5896	487365.78, 3859570.27	0.1688	2.20E-06	2.17E-06	2.11E-06
5897	487271.36, 3859569.48	0.16079	2.09E-06	2.07E-06	2.01E-06
5898	487176.94, 3859568.7	0.15286	1.99E-06	1.96E-06	1.91E-06
5899	487082.51, 3859567.92	0.1455	1.89E-06	1.87E-06	1.81E-06
5900	486988.09, 3859567.14	0.13827	1.80E-06	1.78E-06	1.72E-06
5901	486893.67, 3859566.36	0.13134	1.71E-06	1.69E-06	1.64E-06
5902	486799.25, 3859565.58	0.12485	1.62E-06	1.60E-06	1.56E-06
5903	486704.83, 3859564.79	0.11907	1.55E-06	1.53E-06	1.49E-06
5904	486610.41, 3859564.01	0.11391	1.48E-06	1.46E-06	1.42E-06
5905	486515.99, 3859563.23	0.10878	1.42E-06	1.40E-06	1.36E-06
5906	486421.57, 3859562.45	0.10415	1.36E-06	1.34E-06	1.30E-06
5907	486327.14, 3859561.67	0.09993	1.30E-06	1.28E-06	1.25E-06
5908	486232.72, 3859560.89	0.09564	1.24E-06	1.23E-06	1.19E-06
5909	486138.3, 3859560.1	0.09176	1.19E-06	1.18E-06	1.14E-06
5910	486043.88, 3859559.32	0.08816	1.15E-06	1.13E-06	1.10E-06
5911	485949.35, 3859463.54	0.08604	1.12E-06	1.11E-06	1.07E-06
5912	485949.24, 3859368.55	0.08733	1.14E-06	1.12E-06	1.09E-06
5913	485949.12, 3859273.55	0.08836	1.15E-06	1.13E-06	1.10E-06
5914	485949.01, 3859178.56	0.08894	1.16E-06	1.14E-06	1.11E-06
5915	485948.9, 3859083.56	0.08978	1.17E-06	1.15E-06	1.12E-06
5916	485948.79, 3858988.56	0.09054	1.18E-06	1.16E-06	1.13E-06
5917	485948.67, 3858893.57	0.09098	1.18E-06	1.17E-06	1.13E-06
5918	485948.56, 3858798.57	0.0912	1.19E-06	1.17E-06	1.14E-06
5919	485948.45, 3858703.58	0.09052	1.18E-06	1.16E-06	1.13E-06
5920	485948.34, 3858608.58	0.09038	1.18E-06	1.16E-06	1.13E-06
5921	485948.22, 3858513.59	0.09045	1.18E-06	1.16E-06	1.13E-06
5922	485948.11, 3858418.59	0.09049	1.18E-06	1.16E-06	1.13E-06
5923	485948, 3858323.59	0.09081	1.18E-06	1.17E-06	1.13E-06
5924	485947.89, 3858228.6	0.09077	1.18E-06	1.17E-06	1.13E-06
5925	485947.77, 3858133.6	0.09042	1.18E-06	1.16E-06	1.13E-06
5926	485947.66, 3858038.61	0.09024	1.17E-06	1.16E-06	1.13E-06
5927	485854.54, 3857943.35	0.08524	1.11E-06	1.09E-06	1.06E-06
5928	485761.52, 3857943.09	0.08181	1.06E-06	1.05E-06	1.02E-06
5929	485668.51, 3857942.83	0.0788	1.03E-06	1.01E-06	9.83E-07
5930	485575.5, 3857942.56	0.07577	9.86E-07	9.73E-07	9.45E-07
5931	485482.48, 3857942.3	0.07311	9.51E-07	9.39E-07	9.12E-07
5932	485389.47, 3857942.04	0.07058	9.18E-07	9.07E-07	8.80E-07

5933	485296.46, 3857941.78	0.06819	8.87E-07	8.76E-07	8.50E-07
5934	485203.45, 3857941.52	0.06605	8.60E-07	8.48E-07	8.24E-07
5935	485110.43, 3857941.26	0.06387	8.31E-07	8.20E-07	7.97E-07
5936	485017.42, 3857940.99	0.06176	8.04E-07	7.93E-07	7.70E-07
5937	484924.41, 3857940.73	0.05977	7.78E-07	7.68E-07	7.45E-07
5938	484831.39, 3857940.47	0.05794	7.54E-07	7.44E-07	7.23E-07
5939	484738.12, 3857859.3	0.05583	7.27E-07	7.17E-07	6.96E-07
5940	484737.85, 3857778.4	0.05557	7.23E-07	7.14E-07	6.93E-07
5941	484737.59, 3857697.49	0.0553	7.20E-07	7.10E-07	6.90E-07
5942	484737.32, 3857616.59	0.05496	7.15E-07	7.06E-07	6.85E-07
5943	484645.53, 3857535.18	0.0531	6.91E-07	6.82E-07	6.62E-07
5944	484553.99, 3857534.67	0.05165	6.72E-07	6.63E-07	6.44E-07
5945	484462.46, 3857534.17	0.05031	6.55E-07	6.46E-07	6.27E-07
5946	484370.93, 3857533.66	0.04901	6.38E-07	6.29E-07	6.11E-07
5947	484279.4, 3857533.16	0.04777	6.22E-07	6.14E-07	5.96E-07
5948	484187.86, 3857532.65	0.04655	6.06E-07	5.98E-07	5.81E-07
5949	484096.33, 3857532.15	0.04542	5.91E-07	5.83E-07	5.66E-07
5950	484004.8, 3857531.64	0.04428	5.76E-07	5.69E-07	5.52E-07
5951	483913.27, 3857531.14	0.04314	5.61E-07	5.54E-07	5.38E-07
5952	483821.73, 3857530.63	0.04208	5.48E-07	5.40E-07	5.25E-07
5953	483729.61, 3857450.11	0.04097	5.33E-07	5.26E-07	5.11E-07
5954	483729.03, 3857370.08	0.04086	5.32E-07	5.25E-07	5.10E-07
5955	483728.44, 3857290.06	0.04063	5.29E-07	5.22E-07	5.07E-07
5956	483727.86, 3857210.03	0.04029	5.24E-07	5.17E-07	5.03E-07
5957	483641.15, 3857129.07	0.03911	5.09E-07	5.02E-07	4.88E-07
5958	483555.03, 3857128.14	0.03837	4.99E-07	4.93E-07	4.79E-07
5959	483468.91, 3857127.2	0.03759	4.89E-07	4.83E-07	4.69E-07
5960	483382.78, 3857126.26	0.03691	4.80E-07	4.74E-07	4.60E-07
5961	483296.66, 3857125.32	0.03622	4.71E-07	4.65E-07	4.52E-07
5962	483210.54, 3857124.39	0.03552	4.62E-07	4.56E-07	4.43E-07
5963	483123.4, 3857030.96	0.03454	4.49E-07	4.44E-07	4.31E-07
5964	483122.38, 3856938.46	0.03414	4.44E-07	4.38E-07	4.26E-07
5965	483121.35, 3856845.97	0.03365	4.38E-07	4.32E-07	4.20E-07
5966	483120.33, 3856753.47	0.03304	4.30E-07	4.24E-07	4.12E-07
5967	483119.31, 3856660.98	0.03239	4.22E-07	4.16E-07	4.04E-07
5968	483118.29, 3856568.49	0.03171	4.13E-07	4.07E-07	3.95E-07
5969	483117.26, 3856475.99	0.031	4.03E-07	3.98E-07	3.87E-07
5970	483116.24, 3856383.5	0.03025	3.94E-07	3.89E-07	3.77E-07
5971	483115.22, 3856291.01	0.02951	3.84E-07	3.79E-07	3.68E-07
5972	483114.2, 3856198.51	0.0288	3.75E-07	3.70E-07	3.59E-07
5973	483113.17, 3856106.02	0.02821	3.67E-07	3.62E-07	3.52E-07
5974	483112.15, 3856013.52	0.02767	3.60E-07	3.55E-07	3.45E-07
5975	483029.25, 3855920.47	0.02686	3.50E-07	3.45E-07	3.35E-07
5976	482947.37, 3855919.91	0.0265	3.45E-07	3.40E-07	3.31E-07
5977	482865.49, 3855919.36	0.02615	3.40E-07	3.36E-07	3.26E-07
5978	482783.61, 3855918.8	0.02583	3.36E-07	3.32E-07	3.22E-07
5979	482700.33, 3855818.39	0.02504	3.26E-07	3.22E-07	3.12E-07
5980	482698.92, 3855718.54	0.02464	3.21E-07	3.16E-07	3.07E-07
5981	482697.52, 3855618.68	0.02427	3.16E-07	3.12E-07	3.03E-07
5982	482696.11, 3855518.83	0.02394	3.12E-07	3.07E-07	2.99E-07
5983	482694.71, 3855418.98	0.02364	3.08E-07	3.04E-07	2.95E-07
5984	482693.3, 3855319.13	0.02334	3.04E-07	3.00E-07	2.91E-07
5985	482691.9, 3855219.27	0.02302	3.00E-07	2.96E-07	2.87E-07
5986	482690.49, 3855119.42	0.02268	2.95E-07	2.91E-07	2.83E-07
5987	482689.09, 3855019.57	0.02223	2.89E-07	2.86E-07	2.77E-07
5988	482687.68, 3854919.72	0.02178	2.83E-07	2.80E-07	2.72E-07

5989	482686.28, 3854819.86	0.02128	2.77E-07	2.73E-07	2.65E-07
5990	482684.88, 3854720.01	0.02084	2.71E-07	2.68E-07	2.60E-07
5991	482683.47, 3854620.16	0.02034	2.65E-07	2.61E-07	2.54E-07
5992	482682.07, 3854520.31	0.01989	2.59E-07	2.55E-07	2.48E-07
5993	482680.66, 3854420.45	0.01946	2.53E-07	2.50E-07	2.43E-07
5994	482679.26, 3854320.6	0.01904	2.48E-07	2.45E-07	2.37E-07
5995	482677.85, 3854220.75	0.01852	2.41E-07	2.38E-07	2.31E-07
5996	482676.45, 3854120.9	0.01822	2.37E-07	2.34E-07	2.27E-07
5997	482675.04, 3854021.04	0.01785	2.32E-07	2.29E-07	2.23E-07
5998	482673.64, 3853921.19	0.01749	2.28E-07	2.25E-07	2.18E-07
5999	482672.23, 3853821.34	0.01705	2.22E-07	2.19E-07	2.13E-07
6000	482670.83, 3853721.49	0.01661	2.16E-07	2.13E-07	2.07E-07
6001	482669.42, 3853621.63	0.01621	2.11E-07	2.08E-07	2.02E-07
6002	482645.99, 3853446.13	0.01558	2.03E-07	2.00E-07	1.94E-07
6003	482623.97, 3853370.49	0.01534	2.00E-07	1.97E-07	1.91E-07
6004	482601.94, 3853294.84	0.01511	1.97E-07	1.94E-07	1.88E-07
6005	482531.29, 3853133.44	0.01463	1.90E-07	1.88E-07	1.82E-07
6006	482482.68, 3853047.69	0.01435	1.87E-07	1.84E-07	1.79E-07
6007	482383.09, 3852897.4	0.01399	1.82E-07	1.80E-07	1.74E-07
6008	482265.64, 3852765.26	0.0136	1.77E-07	1.75E-07	1.70E-07
6009	482199.16, 3852697.66	0.01338	1.74E-07	1.72E-07	1.67E-07
6010	482132.69, 3852630.07	0.01315	1.71E-07	1.69E-07	1.64E-07
6011	482066.21, 3852562.48	0.01294	1.68E-07	1.66E-07	1.61E-07
6012	481999.74, 3852494.89	0.01275	1.66E-07	1.64E-07	1.59E-07
6013	481933.26, 3852427.29	0.01256	1.63E-07	1.61E-07	1.57E-07
6014	481866.79, 3852359.7	0.01236	1.61E-07	1.59E-07	1.54E-07
6015	481800.31, 3852292.11	0.01215	1.58E-07	1.56E-07	1.52E-07
6016	481733.84, 3852224.52	0.01195	1.56E-07	1.53E-07	1.49E-07
6017	481667.36, 3852156.92	0.01174	1.53E-07	1.51E-07	1.46E-07
6018	481600.89, 3852089.33	0.01159	1.51E-07	1.49E-07	1.45E-07
6019	481534.41, 3852021.74	0.01146	1.49E-07	1.47E-07	1.43E-07
6020	481467.94, 3851954.15	0.01132	1.47E-07	1.45E-07	1.41E-07
6021	481401.46, 3851886.55	0.01115	1.45E-07	1.43E-07	1.39E-07
6022	481265.87, 3851761.43	0.01087	1.41E-07	1.40E-07	1.36E-07
6023	481196.74, 3851703.89	0.0107	1.39E-07	1.37E-07	1.33E-07
6024	481076.33, 3851619.05	0.01045	1.36E-07	1.34E-07	1.30E-07
6025	480939.8, 3851549.07	0.01015	1.32E-07	1.30E-07	1.27E-07
6026	480854.56, 3851506.41	0.00997	1.30E-07	1.28E-07	1.24E-07
6027	480769.32, 3851463.75	0.0098	1.28E-07	1.26E-07	1.22E-07
6028	480684.08, 3851421.08	0.00964	1.25E-07	1.24E-07	1.20E-07
6029	480598.84, 3851378.42	0.00951	1.24E-07	1.22E-07	1.19E-07
6030	480435.71, 3851275.01	0.00923	1.20E-07	1.19E-07	1.15E-07
6031	480347.85, 3851232.36	0.00909	1.18E-07	1.17E-07	1.13E-07
6032	480260, 3851189.72	0.00896	1.17E-07	1.15E-07	1.12E-07
6033	480172.15, 3851147.07	0.00883	1.15E-07	1.13E-07	1.10E-07
6034	480084.29, 3851104.42	0.0087	1.13E-07	1.12E-07	1.09E-07
6035	479996.44, 3851061.77	0.00857	1.12E-07	1.10E-07	1.07E-07
6036	479908.58, 3851019.13	0.00839	1.09E-07	1.08E-07	1.05E-07
6037	479820.73, 3850976.48	0.00828	1.08E-07	1.06E-07	1.03E-07
6038	479732.88, 3850933.83	0.00818	1.06E-07	1.05E-07	1.02E-07
6039	479645.02, 3850891.18	0.00809	1.05E-07	1.04E-07	1.01E-07
6040	479557.17, 3850848.54	0.00802	1.04E-07	1.03E-07	1.00E-07
6041	479469.32, 3850805.89	0.00791	1.03E-07	1.02E-07	9.87E-08
6042	479381.46, 3850763.24	0.00786	1.02E-07	1.01E-07	9.80E-08
6043	479293.61, 3850720.59	0.00784	1.02E-07	1.01E-07	9.78E-08
6044	479205.76, 3850677.95	0.00781	1.02E-07	1.00E-07	9.74E-08

6045	479117.9, 3850635.3	0.00779	1.01E-07	1.00E-07	9.72E-08
6046	479030.05, 3850592.65	0.00775	1.01E-07	9.95E-08	9.67E-08
6047	478942.19, 3850550	0.00764	9.94E-08	9.81E-08	9.53E-08
6048	478854.34, 3850507.36	0.00746	9.71E-08	9.58E-08	9.30E-08
6049	478766.49, 3850464.71	0.00736	9.58E-08	9.45E-08	9.18E-08
6050	478678.63, 3850422.06	0.00728	9.47E-08	9.35E-08	9.08E-08
6051	478590.78, 3850379.41	0.00719	9.36E-08	9.23E-08	8.97E-08
6052	478502.93, 3850336.77	0.00712	9.27E-08	9.14E-08	8.88E-08
6053	478415.07, 3850294.12	0.00706	9.19E-08	9.07E-08	8.81E-08
6054	478327.22, 3850251.47	0.00698	9.08E-08	8.96E-08	8.71E-08
6055	478239.36, 3850208.82	0.00691	8.99E-08	8.87E-08	8.62E-08
6056	478151.51, 3850166.18	0.00685	8.91E-08	8.80E-08	8.54E-08
6057	478063.66, 3850123.53	0.00679	8.84E-08	8.72E-08	8.47E-08
6058	477975.8, 3850080.88	0.00685	8.91E-08	8.80E-08	8.54E-08
6059	477887.95, 3850038.23	0.00682	8.88E-08	8.76E-08	8.51E-08
6060	477800.1, 3849995.59	0.00681	8.86E-08	8.75E-08	8.49E-08
6061	477712.24, 3849952.94	0.00677	8.81E-08	8.70E-08	8.44E-08
6062	477624.39, 3849910.29	0.00673	8.76E-08	8.64E-08	8.39E-08
6063	477536.54, 3849867.64	0.00669	8.71E-08	8.59E-08	8.34E-08
6064	477448.68, 3849825	0.00663	8.63E-08	8.52E-08	8.27E-08
6065	477360.83, 3849782.35	0.00658	8.56E-08	8.45E-08	8.21E-08
6066	477272.97, 3849739.7	0.00653	8.50E-08	8.39E-08	8.14E-08
6067	477185.12, 3849697.05	0.00648	8.43E-08	8.32E-08	8.08E-08
6068	477097.27, 3849654.41	0.00642	8.35E-08	8.25E-08	8.01E-08
6069	477009.41, 3849611.76	0.00633	8.24E-08	8.13E-08	7.89E-08
6070	476841.49, 3849530.08	0.00621	8.08E-08	7.98E-08	7.75E-08
6071	476761.41, 3849491.05	0.00617	8.03E-08	7.92E-08	7.70E-08
6072	476681.34, 3849452.02	0.00611	7.95E-08	7.85E-08	7.62E-08
6073	476601.26, 3849412.99	0.00604	7.86E-08	7.76E-08	7.53E-08
6074	476456.32, 3849353.67	0.00589	7.66E-08	7.56E-08	7.35E-08
6075	476305.43, 3849318.84	0.00588	7.65E-08	7.55E-08	7.33E-08
6076	476129.36, 3849289.99	0.00584	7.60E-08	7.50E-08	7.28E-08
6077	476039.31, 3849275.68	0.00582	7.57E-08	7.48E-08	7.26E-08
6078	475949.26, 3849261.38	0.00574	7.47E-08	7.37E-08	7.16E-08
6079	475859.21, 3849247.08	0.00571	7.43E-08	7.33E-08	7.12E-08
6080	475769.16, 3849232.77	0.00566	7.37E-08	7.27E-08	7.06E-08
6081	475585.23, 3849219.27	0.00511	6.65E-08	6.56E-08	6.37E-08
6082	475444.5, 3849150.35	0.00535	6.96E-08	6.87E-08	6.67E-08
6083	475334.18, 3849118.71	0.00536	6.98E-08	6.88E-08	6.69E-08
6084	475230.47, 3849060.57	0.00531	6.91E-08	6.82E-08	6.62E-08
6085	475110.86, 3848960.97	0.00522	6.79E-08	6.70E-08	6.51E-08
6086	475037.79, 3848896.28	0.00514	6.69E-08	6.60E-08	6.41E-08
6087	474964.72, 3848831.59	0.00506	6.58E-08	6.50E-08	6.31E-08
6088	474891.65, 3848766.9	0.00501	6.52E-08	6.43E-08	6.25E-08
6089	474818.58, 3848702.22	0.00498	6.48E-08	6.40E-08	6.21E-08
6090	474745.51, 3848637.53	0.00502	6.53E-08	6.45E-08	6.26E-08
6091	474672.44, 3848572.84	0.005	6.51E-08	6.42E-08	6.24E-08
6092	474599.37, 3848508.15	0.00493	6.42E-08	6.33E-08	6.15E-08
6093	474526.3, 3848443.46	0.00489	6.36E-08	6.28E-08	6.10E-08

			2028	2033	2048	Residential Dose							Risk by Age Group							
Rec#	X	Y	Conc	Conc	Conc	3rd	0<2	2<9 (2028)	2<9 (2033)	9<16	16<70(2033)	16<70(2048)	3rd	0<2	2<9 (2028)	2<9 (2033)	9<16	16<70(2033)	16<70(2048)	Total Risk
1	485973.61	3854936.51	2.74E-07	2.71E-07	2.63E-07	9.50E-11	2.87E-10	1.66E-10	1.64E-10	1.49E-10	6.78E-11	6.58E-11	3.17E-12	7.66E-11	1.69E-11	2.23E-11	3.53E-11	6.22E-12	3.45E-11	1.95E-10
2	486023.61	3854936.51	2.72E-07	2.68E-07	2.60E-07	9.40E-11	2.84E-10	1.64E-10	1.62E-10	1.47E-10	6.71E-11	6.51E-11	3.14E-12	7.58E-11	1.67E-11	2.20E-11	3.49E-11	6.16E-12	3.42E-11	1.93E-10
3	486073.61	3854936.51	2.71E-07	2.67E-07	2.60E-07	9.37E-11	2.83E-10	1.64E-10	1.62E-10	1.47E-10	6.69E-11	6.50E-11	3.13E-12	7.56E-11	1.67E-11	2.20E-11	3.48E-11	6.14E-12	3.41E-11	1.92E-10
4	486123.61	3854936.51	2.65E-07	2.62E-07	2.54E-07	9.18E-11	2.77E-10	1.60E-10	1.58E-10	1.43E-10	6.55E-11	6.36E-11	3.06E-12	7.40E-11	1.63E-11	2.15E-11	3.41E-11	6.01E-12	3.34E-11	1.88E-10
5	486173.61	3854936.51	2.67E-07	2.63E-07	2.55E-07	9.23E-11	2.79E-10	1.61E-10	1.59E-10	1.44E-10	6.58E-11	6.39E-11	3.08E-12	7.44E-11	1.64E-11	2.16E-11	3.43E-11	6.04E-12	3.36E-11	1.89E-10
6	486223.61	3854936.51	2.63E-07	2.60E-07	2.52E-07	9.11E-11	2.75E-10	1.59E-10	1.57E-10	1.42E-10	6.50E-11	6.31E-11	3.04E-12	7.35E-11	1.62E-11	2.13E-11	3.38E-11	5.96E-12	3.31E-11	1.87E-10
7	486273.61	3854936.51	2.61E-07	2.57E-07	2.50E-07	9.03E-11	2.73E-10	1.58E-10	1.56E-10	1.41E-10	6.44E-11	6.26E-11	3.01E-12	7.28E-11	1.61E-11	2.11E-11	3.35E-11	5.91E-12	3.28E-11	1.85E-10
8	486323.61	3854936.51	2.59E-07	2.56E-07	2.48E-07	8.97E-11	2.71E-10	1.57E-10	1.55E-10	1.40E-10	6.40E-11	6.21E-11	3.00E-12	7.23E-11	1.60E-11	2.10E-11	3.33E-11	5.87E-12	3.26E-11	1.84E-10
9	485973.61	3854986.51	2.85E-07	2.81E-07	2.73E-07	9.86E-11	2.98E-10	1.72E-10	1.70E-10	1.54E-10	7.04E-11	6.83E-11	3.29E-12	7.95E-11	1.76E-11	2.31E-11	3.66E-11	6.46E-12	3.59E-11	2.02E-10
10	486023.61	3854986.51	2.83E-07	2.79E-07	2.71E-07	9.78E-11	2.95E-10	1.71E-10	1.69E-10	1.53E-10	6.98E-11	6.78E-11	3.27E-12	7.89E-11	1.74E-11	2.29E-11	3.64E-11	6.41E-12	3.56E-11	2.01E-10
11	486073.61	3854986.51	2.80E-07	2.76E-07	2.68E-07	9.68E-11	2.92E-10	1.69E-10	1.67E-10	1.51E-10	6.91E-11	6.71E-11	3.23E-12	7.81E-11	1.72E-11	2.27E-11	3.60E-11	6.34E-12	3.52E-11	1.99E-10
12	486123.61	3854986.51	2.77E-07	2.73E-07	2.66E-07	9.59E-11	2.90E-10	1.68E-10	1.65E-10	1.50E-10	6.84E-11	6.65E-11	3.20E-12	7.74E-11	1.71E-11	2.25E-11	3.56E-11	6.28E-12	3.49E-11	1.97E-10
13	486173.61	3854986.51	2.77E-07	2.73E-07	2.65E-07	9.58E-11	2.89E-10	1.67E-10	1.65E-10	1.50E-10	6.84E-11	6.64E-11	3.20E-12	7.73E-11	1.71E-11	2.24E-11	3.56E-11	6.27E-12	3.48E-11	1.97E-10
14	486223.61	3854986.51	2.73E-07	2.70E-07	2.62E-07	9.46E-11	2.86E-10	1.65E-10	1.63E-10	1.48E-10	6.75E-11	6.56E-11	3.16E-12	7.63E-11	1.68E-11	2.22E-11	3.52E-11	6.19E-12	3.44E-11	1.94E-10
15	486273.61	3854986.51	2.69E-07	2.65E-07	2.57E-07	9.30E-11	2.81E-10	1.63E-10	1.60E-10	1.45E-10	6.63E-11	6.44E-11	3.10E-12	7.50E-11	1.65E-11	2.18E-11	3.45E-11	6.09E-12	3.38E-11	1.91E-10
16	486323.61	3854986.51	2.71E-07	2.67E-07	2.59E-07	9.37E-11	2.83E-10	1.64E-10	1.62E-10	1.46E-10	6.68E-11	6.49E-11	3.13E-12	7.55E-11	1.67E-11	2.19E-11	3.48E-11	6.13E-12	3.41E-11	1.92E-10
17	485973.61	3855036.51	2.97E-07	2.93E-07	2.85E-07	1.03E-10	3.10E-10	1.80E-10	1.77E-10	1.61E-10	7.34E-11	7.12E-11	3.43E-12	8.29E-11	1.83E-11	2.41E-11	3.82E-11	6.73E-12	3.74E-11	2.11E-10
18	486023.61	3855036.51	2.93E-07	2.89E-07	2.81E-07	1.02E-10	3.07E-10	1.77E-10	1.75E-10	1.59E-10	7.25E-11	7.04E-11	3.39E-12	8.19E-11	1.81E-11	2.38E-11	3.77E-11	6.65E-12	3.69E-11	2.08E-10
19	486073.61	3855036.51	2.89E-07	2.85E-07	2.77E-07	9.99E-11	3.02E-10	1.75E-10	1.72E-10	1.56E-10	7.13E-11	6.92E-11	3.34E-12	8.06E-11	1.78E-11	2.34E-11	3.71E-11	6.54E-12	3.63E-11	2.05E-10
20	486123.61	3855036.51	2.86E-07	2.82E-07	2.74E-07	9.91E-11	2.99E-10	1.73E-10	1.71E-10	1.55E-10	7.07E-11	6.86E-11	3.31E-12	7.99E-11	1.76E-11	2.32E-11	3.68E-11	6.49E-12	3.60E-11	2.03E-10
21	486173.61	3855036.51	2.86E-07	2.83E-07	2.75E-07	9.92E-11	2.99E-10	1.73E-10	1.71E-10	1.55E-10	7.07E-11	6.87E-11	3.31E-12	8.00E-11	1.76E-11	2.32E-11	3.68E-11	6.49E-12	3.61E-11	2.04E-10
22	486223.61	3855036.51	2.82E-07	2.78E-07	2.70E-07	9.76E-11	2.95E-10	1.71E-10	1.68E-10	1.53E-10	6.96E-11	6.76E-11	3.26E-12	7.87E-11	1.74E-11	2.29E-11	3.63E-11	6.39E-12	3.55E-11	2.00E-10
23	486273.61	3855036.51	2.82E-07	2.79E-07	2.71E-07	9.77E-11	2.95E-10	1.71E-10	1.69E-10	1.53E-10	6.97E-11	6.77E-11	3.26E-12	7.88E-11	1.74E-11	2.29E-11	3.63E-11	6.40E-12	3.55E-11	2.01E-10
24	486323.61	3855036.51	2.79E-07	2.75E-07	2.67E-07	9.66E-11	2.92E-10	1.69E-10	1.67E-10	1.51E-10	6.89E-11	6.69E-11	3.23E-12	7.79E-11	1.72E-11	2.26E-11	3.59E-11	6.32E-12	3.51E-11	1.98E-10
25	485973.61	3855086.51	3.09E-07	3.05E-07	2.96E-07	1.07E-10	3.23E-10	1.87E-10	1.85E-10	1.67E-10	7.63E-11	7.41E-11	3.57E-12	8.63E-11	1.90E-11	2.51E-11	3.98E-11	7.01E-12	3.89E-11	2.20E-10
26	486023.61	3855086.51	3.06E-07	3.02E-07	2.93E-07	1.06E-10	3.20E-10	1.85E-10	1.83E-10	1.66E-10	7.55E-11	7.34E-11	3.54E-12	8.54E-11	1.88E-11	2.48E-11	3.93E-11	6.93E-12	3.85E-11	2.17E-10
27	486073.61	3855086.51	3.00E-07	2.96E-07	2.87E-07	1.04E-10	3.14E-10	1.81E-10	1.79E-10	1.62E-10	7.41E-11	7.19E-11	3.47E-12	8.38E-11	1.85E-11	2.43E-11	3.86E-11	6.80E-12	3.78E-11	2.13E-10
28	486123.61	3855086.51	2.99E-07	2.95E-07	2.86E-07	1.03E-10	3.12E-10	1.81E-10	1.78E-10	1.62E-10	7.38E-11	7.16E-11	3.45E-12	8.34E-11	1.84E-11	2.42E-11	3.84E-11	6.77E-12	3.76E-11	2.12E-10
29	486173.61	3855086.51	2.95E-07	2.91E-07	2.82E-07	1.02E-10	3.08E-10	1.78E-10	1.76E-10	1.60E-10	7.28E-11	7.07E-11	3.41E-12	8.23E-11	1.82E-11	2.39E-11	3.79E-11	6.68E-12	3.71E-11	2.09E-10
30	486223.61	3855086.51	2.94E-07	2.90E-07	2.81E-07	1.02E-10	3.07E-10	1.78E-10	1.75E-10	1.59E-10	7.25E-11	7.04E-11	3.39E-12	8.20E-11	1.81E-11	2.38E-11	3.78E-11	6.66E-12	3.70E-11	2.09E-10
31	485973.61	3855136.51	3.24E-07	3.20E-07	3.11E-07	1.12E-10	3.39E-10	1.96E-10	1.94E-10	1.75E-10	8.00E-11	7.77E-11	3.75E-12	9.05E-11	2.00E-11	2.63E-11	4.17E-11	7.35E-12	4.08E-11	2.30E-10
32	486023.61	3855136.51	3.18E-07	3.14E-07	3.05E-07	1.10E-10	3.33E-10	1.93E-10	1.90E-10	1.72E-10	7.87E-11	7.64E-11	3.68E-12	8.89E-11	1.96E-11	2.58E-11	4.10E-11	7.22E-12	4.01E-11	2.26E-10
33	486073.61	3855136.51	3.13E-07	3.09E-07	3.00E-07	1.08E-10	3.27E-10	1.90E-10	1.87E-10	1.70E-10	7.74E-11	7.51E-11	3.62E-12	8.75E-11	1.93E-11	2.54E-11	4.03E-11	7.10E-12	3.94E-11	2.23E-10
34	486123.61	3855136.51	3.10E-07	3.06E-07	2.97E-07	1.07E-10	3.24E-10	1.87E-10	1.85E-10	1.68E-10	7.65E-11	7.43E-11	3.58E-12	8.65E-11	1.91E-11	2.51E-11	3.99E-11	7.02E-12	3.90E-11	2.20E-10
35	486173.61	3855136.51	3.06E-07	3.02E-07	2.94E-07	1.06E-10	3.20E-10	1.85E-10	1.83E-10	1.66E-10	7.57E-11	7.35E-11	3.54E-12	8.56E-11	1.89E-11	2.48E-11	3.94E-11	6.95E-12	3.86E-11	2.18E-10
36	486223.61	3855136.51	3.04E-07	3.00E-07	2.91E-07	1.05E-10	3.18E-10	1.84E-10	1.82E-10	1.65E-10	7.51E-11	7.29E-11	3.52E-12	8.49E-11	1.87E-11	2.47E-11	3.91E-11	6.89E-12	3.83E-11	2.16E-10
37	485973.61	3855186.51	3.40E-07	3.36E-07	3.26E-07	1.18E-10	3.55E-10	2.06E-10	2.03E-10	1.84E-10	8.40E-11	8.16E-11	3.93E-12	9.49E-11	2.10E-11	2.76E-11	4.37E-11	7.71E-12	4.28E-11	2.42E-10
38	486023.61	3855186.51	3.34E-07	3.30E-07	3.20E-07	1.16E-10	3.49E-10	2.02E-10	1.99E-10	1.81E-10	8.25E-11	8.01E-11	3.86E-12	9.32E-11	2.06E-11	2.71E-11	4.30E-11	7.57E-12	4.20E-11	2.37E-10
39	486073.61	3855186.51	3.26E-07	3.22E-07	3.13E-07	1.13E-10	3.41E-10	1.97E-10	1.95E-10	1.77E-10	8.06E-11	7.83E-11	3.77E-12	9.11E-11	2.01E-11	2.65E-11	4.20E-11	7.40E-12	4.11E-11	2.32E-10
40	486123.61	3855186.51	3.20E-07	3.16E-07	3.07E-07	1.11E-10	3.34E-10	1.94E-10	1.91E-10	1.73E-10	7.90E-11	7.68E-11	3.70E-12	8.94E-11	1.97E-11	2.59E-11	4.12E-11	7.25E-12	4.03E-11	2.27E-10
41	486173.61	3855186.51	3.17E-07	3.12E-07	3.03E-07	1.10E-10	3.31E-10	1.92E-10	1.89E-10	1.71E-10	7.82E-11	7.59E-11	3.66E-12	8.84E-11	1.95E-11	2.57E-11	4.07E-11	7.18E-12	3.99E-11	2.25E-10
42	486223.61	3855186.51	3.14E-07	3.10E-07	3.01E-07	1.09E-10	3.28E-10	1.90E-10	1.88E-10	1.70E-10	7.76E-11	7.53E-11	3.63E-12	8.77E-11	1.93E-11	2.55E-11	4.04E-11	7.12E-12	3.95E-11	2.23E-10
43	486273.61	3855186.51	3.11E-07	3.07E-07	2.98E-07	1.08E-10	3.25E-10	1.88E-10	1.86E-10	1.68E-10	7.68E-11	7.46E-11	3.59E-12	8.68E-11	1.92E-11	2.52E-11	4.00E-11	7.05E-12	3.91E-11	2.21E-10
44	486323.61	3855186.51	3.15E-07	3.11E-07	3.02E-07	1.09E-10	3.29E-10	1.91E-10	1.88E-10	1.71E-10	7.79E-11	7.56E-11	3.64E-12	8.80E-11	1.94E-11	2.56E-11	4.05E-11	7.14E-12	3.97E-11	2.24E-10
45	485973.61	3855236.51	3.56E-07	3.51E-07	3.41E-07	1.23E-10	3.72E-10	2.15E-10	2.13E-10	1.93E-10	8.79E-11	8.54E-11	4.12E-12	9.94E-11	2.19E-11	2.89E-11	4.58E-11	8.07E-12	4.48E-11	2.53E-10
46	486023.61	3855236.51	3.47E-07	3.43E-07	3.33E-07	1.20E-10	3.63E-10	2.10E-10	2.07E-10	1.88E-10	8.58E-11	8.33E-11	4.02E-12	9.70E-11	2.14E-11	2.82E-11	4.47E-11	7.88E-12	4.37E-11	2.47E-10

47	486073.61	3855236.51	3.39E-07	3.34E-07	3.25E-07	1.17E-10	3.54E-10	2.05E-10	2.02E-10	1.83E-10	8.36E-11	8.12E-11	3.91E-12	9.45E-11	2.09E-11	2.75E-11	4.36E-11	7.68E-12	4.26E-11	2.41E-10
48	486123.61	3855236.51	3.33E-07	3.28E-07	3.19E-07	1.15E-10	3.48E-10	2.01E-10	1.99E-10	1.80E-10	8.22E-11	7.98E-11	3.85E-12	9.29E-11	2.05E-11	2.70E-11	4.28E-11	7.54E-12	4.19E-11	2.36E-10
49	486173.61	3855236.51	3.28E-07	3.24E-07	3.15E-07	1.14E-10	3.43E-10	1.99E-10	1.96E-10	1.78E-10	8.11E-11	7.88E-11	3.80E-12	9.17E-11	2.02E-11	2.66E-11	4.22E-11	7.45E-12	4.13E-11	2.33E-10
50	486223.61	3855236.51	3.24E-07	3.20E-07	3.11E-07	1.12E-10	3.39E-10	1.96E-10	1.94E-10	1.76E-10	8.01E-11	7.78E-11	3.75E-12	9.06E-11	2.00E-11	2.63E-11	4.17E-11	7.35E-12	4.08E-11	2.31E-10
51	486273.61	3855236.51	3.18E-07	3.14E-07	3.05E-07	1.10E-10	3.32E-10	1.92E-10	1.90E-10	1.72E-10	7.85E-11	7.62E-11	3.67E-12	8.87E-11	1.96E-11	2.58E-11	4.09E-11	7.20E-12	4.00E-11	2.26E-10
52	486323.61	3855236.51	3.26E-07	3.21E-07	3.12E-07	1.13E-10	3.40E-10	1.97E-10	1.95E-10	1.76E-10	8.05E-11	7.81E-11	3.77E-12	9.09E-11	2.01E-11	2.64E-11	4.19E-11	7.38E-12	4.10E-11	2.31E-10
53	485973.61	3855286.51	3.72E-07	3.67E-07	3.57E-07	1.29E-10	3.89E-10	2.25E-10	2.22E-10	2.01E-10	9.19E-11	8.92E-11	4.30E-12	1.04E-10	2.29E-11	3.02E-11	4.79E-11	8.43E-12	4.68E-11	2.64E-10
54	486023.61	3855286.51	3.62E-07	3.58E-07	3.47E-07	1.25E-10	3.79E-10	2.19E-10	2.16E-10	1.96E-10	8.95E-11	8.69E-11	4.19E-12	1.01E-10	2.23E-11	2.94E-11	4.66E-11	8.22E-12	4.56E-11	2.58E-10
55	486073.61	3855286.51	3.54E-07	3.49E-07	3.39E-07	1.23E-10	3.70E-10	2.14E-10	2.11E-10	1.92E-10	8.75E-11	8.49E-11	4.09E-12	9.89E-11	2.18E-11	2.87E-11	4.55E-11	8.03E-12	4.46E-11	2.52E-10
56	486123.61	3855286.51	3.46E-07	3.41E-07	3.31E-07	1.20E-10	3.61E-10	2.09E-10	2.06E-10	1.87E-10	8.54E-11	8.29E-11	4.00E-12	9.65E-11	2.13E-11	2.80E-11	4.45E-11	7.84E-12	4.35E-11	2.46E-10
57	486173.61	3855286.51	3.39E-07	3.35E-07	3.25E-07	1.17E-10	3.54E-10	2.05E-10	2.03E-10	1.84E-10	8.38E-11	8.13E-11	3.92E-12	9.47E-11	2.09E-11	2.75E-11	4.36E-11	7.69E-12	4.27E-11	2.41E-10
58	486223.61	3855286.51	3.36E-07	3.31E-07	3.22E-07	1.16E-10	3.51E-10	2.03E-10	2.00E-10	1.82E-10	8.29E-11	8.05E-11	3.88E-12	9.37E-11	2.07E-11	2.72E-11	4.32E-11	7.61E-12	4.22E-11	2.39E-10
59	486123.61	3855336.51	3.60E-07	3.55E-07	3.45E-07	1.24E-10	3.76E-10	2.18E-10	2.15E-10	1.95E-10	8.88E-11	8.62E-11	4.16E-12	1.00E-10	2.22E-11	2.92E-11	4.62E-11	8.15E-12	4.53E-11	2.56E-10
60	486173.61	3855336.51	3.53E-07	3.49E-07	3.39E-07	1.22E-10	3.69E-10	2.14E-10	2.11E-10	1.91E-10	8.73E-11	8.47E-11	4.08E-12	9.87E-11	2.18E-11	2.86E-11	4.54E-11	8.01E-12	4.45E-11	2.51E-10
61	486223.61	3855336.51	3.48E-07	3.43E-07	3.33E-07	1.20E-10	3.63E-10	2.10E-10	2.08E-10	1.88E-10	8.59E-11	8.34E-11	4.02E-12	9.71E-11	2.14E-11	2.82E-11	4.47E-11	7.88E-12	4.38E-11	2.47E-10
62	486123.61	3855386.51	3.75E-07	3.70E-07	3.60E-07	1.30E-10	3.92E-10	2.27E-10	2.24E-10	2.03E-10	9.27E-11	9.00E-11	4.34E-12	1.05E-10	2.31E-11	3.04E-11	4.83E-11	8.51E-12	4.72E-11	2.67E-10
63	486173.61	3855386.51	3.68E-07	3.63E-07	3.53E-07	1.27E-10	3.85E-10	2.23E-10	2.20E-10	1.99E-10	9.09E-11	8.83E-11	4.25E-12	1.03E-10	2.27E-11	2.98E-11	4.73E-11	8.34E-12	4.63E-11	2.62E-10
64	486223.61	3855386.51	3.62E-07	3.57E-07	3.47E-07	1.25E-10	3.79E-10	2.19E-10	2.16E-10	1.96E-10	8.95E-11	8.69E-11	4.19E-12	1.01E-10	2.23E-11	2.94E-11	4.66E-11	8.21E-12	4.56E-11	2.57E-10
65	486533.18	3855443.15	3.63E-07	3.58E-07	3.48E-07	1.26E-10	3.79E-10	2.20E-10	2.17E-10	1.96E-10	8.97E-11	8.71E-11	4.20E-12	1.01E-10	2.24E-11	2.94E-11	4.67E-11	8.23E-12	4.57E-11	2.58E-10
66	486583.18	3855443.15	3.60E-07	3.55E-07	3.45E-07	1.25E-10	3.76E-10	2.18E-10	2.15E-10	1.95E-10	8.89E-11	8.64E-11	4.16E-12	1.01E-10	2.22E-11	2.92E-11	4.63E-11	8.16E-12	4.53E-11	2.56E-10
67	486633.18	3855443.15	3.57E-07	3.52E-07	3.42E-07	1.24E-10	3.73E-10	2.16E-10	2.13E-10	1.93E-10	8.82E-11	8.57E-11	4.13E-12	9.97E-11	2.20E-11	2.90E-11	4.59E-11	8.09E-12	4.50E-11	2.54E-10
68	486683.18	3855443.15	3.57E-07	3.52E-07	3.42E-07	1.23E-10	3.73E-10	2.16E-10	2.13E-10	1.93E-10	8.81E-11	8.55E-11	4.12E-12	9.96E-11	2.20E-11	2.89E-11	4.59E-11	8.08E-12	4.49E-11	2.53E-10
69	486533.18	3855493.15	3.75E-07	3.70E-07	3.59E-07	1.30E-10	3.92E-10	2.27E-10	2.24E-10	2.03E-10	9.26E-11	8.99E-11	4.33E-12	1.05E-10	2.31E-11	3.04E-11	4.82E-11	8.50E-12	4.72E-11	2.66E-10
70	486583.18	3855493.15	3.73E-07	3.68E-07	3.57E-07	1.29E-10	3.90E-10	2.26E-10	2.23E-10	2.02E-10	9.21E-11	8.94E-11	4.31E-12	1.04E-10	2.30E-11	3.02E-11	4.80E-11	8.45E-12	4.69E-11	2.65E-10
71	486633.18	3855493.15	3.70E-07	3.65E-07	3.55E-07	1.28E-10	3.87E-10	2.24E-10	2.21E-10	2.00E-10	9.15E-11	8.88E-11	4.28E-12	1.03E-10	2.28E-11	3.00E-11	4.76E-11	8.39E-12	4.66E-11	2.63E-10
72	486683.18	3855493.15	3.68E-07	3.63E-07	3.52E-07	1.27E-10	3.84E-10	2.22E-10	2.20E-10	1.99E-10	9.08E-11	8.82E-11	4.25E-12	1.03E-10	2.27E-11	2.98E-11	4.73E-11	8.33E-12	4.63E-11	2.61E-10
73	486533.18	3855543.15	3.89E-07	3.84E-07	3.72E-07	1.35E-10	4.06E-10	2.35E-10	2.32E-10	2.10E-10	9.60E-11	9.32E-11	4.49E-12	1.08E-10	2.39E-11	3.15E-11	5.00E-11	8.81E-12	4.89E-11	2.76E-10
74	486583.18	3855543.15	3.84E-07	3.79E-07	3.68E-07	1.33E-10	4.01E-10	2.32E-10	2.29E-10	2.08E-10	9.49E-11	9.21E-11	4.44E-12	1.07E-10	2.37E-11	3.11E-11	4.94E-11	8.71E-12	4.83E-11	2.73E-10
75	486633.18	3855543.15	3.82E-07	3.77E-07	3.66E-07	1.32E-10	3.99E-10	2.31E-10	2.28E-10	2.07E-10	9.43E-11	9.16E-11	4.42E-12	1.07E-10	2.35E-11	3.10E-11	4.91E-11	8.66E-12	4.81E-11	2.71E-10
76	486683.18	3855543.15	3.77E-07	3.72E-07	3.61E-07	1.30E-10	3.94E-10	2.28E-10	2.25E-10	2.04E-10	9.31E-11	9.04E-11	4.35E-12	1.05E-10	2.32E-11	3.05E-11	4.85E-11	8.54E-12	4.74E-11	2.68E-10
77	486533.18	3855593.15	4.01E-07	3.96E-07	3.85E-07	1.39E-10	4.19E-10	2.43E-10	2.40E-10	2.17E-10	9.91E-11	9.62E-11	4.64E-12	1.12E-10	2.47E-11	3.25E-11	5.16E-11	9.09E-12	5.05E-11	2.85E-10
78	486583.18	3855593.15	3.97E-07	3.92E-07	3.81E-07	1.38E-10	4.15E-10	2.40E-10	2.37E-10	2.15E-10	9.82E-11	9.53E-11	4.59E-12	1.11E-10	2.45E-11	3.22E-11	5.11E-11	9.01E-12	5.00E-11	2.82E-10
79	486633.18	3855593.15	3.94E-07	3.89E-07	3.78E-07	1.37E-10	4.12E-10	2.39E-10	2.36E-10	2.14E-10	9.74E-11	9.46E-11	4.56E-12	1.10E-10	2.43E-11	3.20E-11	5.07E-11	8.94E-12	4.97E-11	2.80E-10
80	486683.18	3855593.15	3.93E-07	3.87E-07	3.76E-07	1.36E-10	4.10E-10	2.38E-10	2.34E-10	2.13E-10	9.70E-11	9.42E-11	4.54E-12	1.10E-10	2.42E-11	3.18E-11	5.05E-11	8.90E-12	4.94E-11	2.79E-10
81	486533.18	3855643.15	4.15E-07	4.10E-07	3.98E-07	1.44E-10	4.34E-10	2.51E-10	2.48E-10	2.25E-10	1.03E-10	9.95E-11	4.80E-12	1.16E-10	2.56E-11	3.36E-11	5.34E-11	9.41E-12	5.22E-11	2.95E-10
82	486583.18	3855643.15	4.12E-07	4.06E-07	3.94E-07	1.42E-10	4.30E-10	2.49E-10	2.46E-10	2.23E-10	1.02E-10	9.87E-11	4.76E-12	1.15E-10	2.54E-11	3.34E-11	5.29E-11	9.33E-12	5.18E-11	2.93E-10
83	486633.18	3855643.15	4.08E-07	4.03E-07	3.91E-07	1.41E-10	4.27E-10	2.47E-10	2.44E-10	2.21E-10	1.01E-10	9.80E-11	4.72E-12	1.14E-10	2.52E-11	3.31E-11	5.25E-11	9.26E-12	5.14E-11	2.90E-10
84	486683.18	3855643.15	4.06E-07	4.00E-07	3.89E-07	1.40E-10	4.24E-10	2.46E-10	2.42E-10	2.20E-10	1.00E-10	9.73E-11	4.69E-12	1.13E-10	2.50E-11	3.29E-11	5.22E-11	9.20E-12	5.11E-11	2.88E-10
85	486533.18	3855693.15	4.32E-07	4.26E-07	4.14E-07	1.49E-10	4.51E-10	2.61E-10	2.58E-10	2.34E-10	1.07E-10	1.04E-10	4.99E-12	1.21E-10	2.66E-11	3.50E-11	5.55E-11	9.78E-12	5.43E-11	3.07E-10
86	486583.18	3855693.15	4.25E-07	4.19E-07	4.07E-07	1.47E-10	4.44E-10	2.57E-10	2.54E-10	2.30E-10	1.05E-10	1.02E-10	4.91E-12	1.19E-10	2.62E-11	3.44E-11	5.46E-11	9.63E-12	5.35E-11	3.02E-10
87	486633.18	3855693.15	4.18E-07	4.13E-07	4.01E-07	1.45E-10	4.37E-10	2.53E-10	2.50E-10	2.26E-10	1.03E-10	1.00E-10	4.83E-12	1.17E-10	2.58E-11	3.39E-11	5.38E-11	9.48E-12	5.27E-11	2.97E-10
88	486683.18	3855693.15	4.19E-07	4.14E-07	4.02E-07	1.45E-10	4.38E-10	2.54E-10	2.50E-10	2.27E-10	1.04E-10	1.01E-10	4.85E-12	1.17E-10	2.58E-11	3.40E-11	5.39E-11	9.50E-12	5.28E-11	2.98E-10
89	486733.18	3855693.15	4.23E-07	4.17E-07	4.05E-07	1.46E-10	4.42E-10	2.56E-10	2.52E-10	2.29E-10	1.04E-10	1.01E-10	4.89E-12	1.18E-10	2.61E-11	3.43E-11	5.44E-11	9.58E-12	5.32E-11	3.00E-10
90	486783.18	3855693.15	4.28E-07	4.23E-07	4.10E-07	1.48E-10	4.48E-10	2.59E-10	2.56E-10	2.32E-10	1.06E-10	1.03E-10	4.95E-12	1.20E-10	2.64E-11	3.47E-11	5.51E-11	9.71E-12	5.39E-11	3.04E-10
91	486533.18	3855743.15	4.47E-07	4.42E-07	4.29E-07	1.55E-10	4.68E-10	2.71E-10	2.67E-10	2.42E-10	1.11E-10	1.07E-10	5.17E-12	1.25E-10	2.76E-11	3.63E-11	5.75E-11	1.01E-11	5.63E-11	3.18E-10
92	486583.18	3855743.15	4.37E-07	4.31E-07	4.19E-07	1.51E-10	4.57E-10	2.64E-10	2.61E-10	2.37E-10	1.08E-10	1.05E-10	5.05E-12	1.22E-10	2.69E-11	3.54E-11	5.62E-11	9.91E-12	5.50E-11	3.11E-10
93	486633.18	3855743.15	4.32E-07	4.27E-07	4.14E-07	1.50E-10	4.52E-10	2.62E-10	2.58E-10	2.34E-10	1.07E-10	1.04E-10	5.00E-12	1.21E-10	2.66E-11	3.51E-11	5.56E-11	9.80E-12	5.44E-11	3.07E-10
94	486683.18	3855743.15	4.35E-07	4.30E-07	4.17E-07	1.51E-10	4.55E-10	2.63E-10	2.60E-10	2.36E-10	1.08E-10	1.04E-10	5.03E-12	1.22E-10	2.68E-11	3.53E-11	5.60E-11	9.87E-12	5.48E-11	3.09E-10
95	486733.18	3855743.15	4.36E-07	4.30E-07	4.18E-07	1.51E-10	4.55E-10	2.64E-10	2.60E-10	2.36E-10	1.08E-10	1.05E-10	5.04E-12	1.22E-10	2.68E-11	3.53E-11	5.60E-11	9.88E-12	5.48E-11	3.10E-10
96	486783.18	3855743.15	4.43E-07	4.38E-07	4.25E-07	1.53E-10	4.63E-10	2.68E-10	2.65E-10	2.40E-10	1.10E-10	1.06E-10	5.13E-12	1.24E-10	2.73E-11	3.59E-11	5.70E-11	1.01E-11	5.58E-11	3.15E-10
97	486533.18	3855793.15	4.65E-07	4.59E-07	4.46E-07	1.61E-10	4.86E-10	2.81E-10	2.78E-10	2.52E-10	1.15E-10	1.12E-10	5.38E-12	1.30E-10	2.87E-11	3.77E-11	5.98E-11	1.05E-11	5.85E-11	3.31E-10
98	486583.18	3855793.15	4.49E-07	4.43E-07	4.30E-07	1.55E-10	4.69E-10	2.72E-10	2.68E-10	2.43E-10	1.11E-10	1.08E-10	5.19E-12	1.25E-10	2.77E-11	3.64E-11	5.78E-11	1.02E-11	5.65E-11	3.19E-10
99	486633.18	3855793.15	4.50E-07	4.44E-07	4.32E-07	1.56E-10	4.71E-10	2.72E-10	2.69E-10	2.44E-10	1.11E-10	1.08E-10	5.20E-12	1.26E-10	2.77E-11	3.65E-11	5.79E-11	1.02E-11	5.67E-11	3.20E-10

100	486683.18	3855793.15	4.53E-07	4.47E-07	4.34E-07	1.57E-10	4.74E-10	2.74E-10	2.71E-10	2.45E-10	1.12E-10	1.09E-10	5.24E-12	1.27E-10	2.79E-11	3.67E-11	5.83E-11	1.03E-11	5.70E-11	3.22E-10
101	486733.18	3855793.15	4.55E-07	4.49E-07	4.36E-07	1.57E-10	4.75E-10	2.75E-10	2.72E-10	2.46E-10	1.12E-10	1.09E-10	5.26E-12	1.27E-10	2.80E-11	3.69E-11	5.85E-11	1.03E-11	5.73E-11	3.23E-10
102	486783.18	3855793.15	4.58E-07	4.52E-07	4.39E-07	1.58E-10	4.78E-10	2.77E-10	2.73E-10	2.48E-10	1.13E-10	1.10E-10	5.29E-12	1.28E-10	2.82E-11	3.71E-11	5.89E-11	1.04E-11	5.76E-11	3.25E-10
103	486533.18	3855843.15	4.80E-07	4.74E-07	4.60E-07	1.66E-10	5.02E-10	2.90E-10	2.87E-10	2.60E-10	1.19E-10	1.15E-10	5.55E-12	1.34E-10	2.96E-11	3.89E-11	6.17E-11	1.09E-11	6.04E-11	3.41E-10
104	486583.18	3855843.15	4.67E-07	4.61E-07	4.48E-07	1.62E-10	4.88E-10	2.83E-10	2.79E-10	2.53E-10	1.15E-10	1.12E-10	5.40E-12	1.30E-10	2.88E-11	3.79E-11	6.01E-11	1.06E-11	5.88E-11	3.32E-10
105	486633.18	3855843.15	4.68E-07	4.61E-07	4.48E-07	1.62E-10	4.89E-10	2.83E-10	2.79E-10	2.53E-10	1.15E-10	1.12E-10	5.40E-12	1.31E-10	2.88E-11	3.79E-11	6.01E-11	1.06E-11	5.89E-11	3.32E-10
106	486683.18	3855843.15	4.70E-07	4.63E-07	4.50E-07	1.63E-10	4.91E-10	2.84E-10	2.80E-10	2.54E-10	1.16E-10	1.13E-10	5.43E-12	1.31E-10	2.89E-11	3.81E-11	6.04E-11	1.06E-11	5.91E-11	3.34E-10
107	486733.18	3855843.15	4.72E-07	4.66E-07	4.53E-07	1.64E-10	4.94E-10	2.86E-10	2.82E-10	2.56E-10	1.17E-10	1.13E-10	5.46E-12	1.32E-10	2.91E-11	3.83E-11	6.08E-11	1.07E-11	5.95E-11	3.36E-10
108	486783.18	3855843.15	4.75E-07	4.69E-07	4.55E-07	1.64E-10	4.96E-10	2.87E-10	2.84E-10	2.57E-10	1.17E-10	1.14E-10	5.49E-12	1.33E-10	2.93E-11	3.85E-11	6.11E-11	1.08E-11	5.98E-11	3.37E-10
109	486533.18	3855893.15	4.90E-07	4.84E-07	4.70E-07	1.70E-10	5.13E-10	2.97E-10	2.93E-10	2.66E-10	1.21E-10	1.18E-10	5.67E-12	1.37E-10	3.02E-11	3.98E-11	6.31E-11	1.11E-11	6.17E-11	3.49E-10
110	486583.18	3855893.15	4.88E-07	4.82E-07	4.68E-07	1.69E-10	5.10E-10	2.95E-10	2.91E-10	2.64E-10	1.21E-10	1.17E-10	5.64E-12	1.36E-10	3.01E-11	3.96E-11	6.28E-11	1.11E-11	6.14E-11	3.47E-10
111	486633.18	3855893.15	4.86E-07	4.80E-07	4.66E-07	1.68E-10	5.08E-10	2.94E-10	2.90E-10	2.63E-10	1.20E-10	1.17E-10	5.62E-12	1.36E-10	2.99E-11	3.94E-11	6.25E-11	1.10E-11	6.12E-11	3.45E-10
112	486683.18	3855893.15	4.87E-07	4.81E-07	4.67E-07	1.69E-10	5.09E-10	2.95E-10	2.91E-10	2.64E-10	1.20E-10	1.17E-10	5.63E-12	1.36E-10	3.00E-11	3.95E-11	6.26E-11	1.10E-11	6.13E-11	3.46E-10
113	486733.18	3855893.15	4.89E-07	4.83E-07	4.69E-07	1.69E-10	5.11E-10	2.96E-10	2.92E-10	2.65E-10	1.21E-10	1.17E-10	5.65E-12	1.37E-10	3.01E-11	3.97E-11	6.29E-11	1.11E-11	6.16E-11	3.48E-10
114	486783.18	3855893.15	4.93E-07	4.87E-07	4.73E-07	1.71E-10	5.16E-10	2.99E-10	2.95E-10	2.67E-10	1.22E-10	1.18E-10	5.70E-12	1.38E-10	3.04E-11	4.00E-11	6.35E-11	1.12E-11	6.21E-11	3.51E-10
115	486533.18	3855943.15	5.09E-07	5.02E-07	4.88E-07	1.76E-10	5.32E-10	3.08E-10	3.04E-10	2.75E-10	1.26E-10	1.22E-10	5.88E-12	1.42E-10	3.13E-11	4.12E-11	6.54E-11	1.15E-11	6.40E-11	3.62E-10
116	486583.18	3855943.15	5.10E-07	5.04E-07	4.89E-07	1.77E-10	5.33E-10	3.09E-10	3.05E-10	2.76E-10	1.26E-10	1.22E-10	5.90E-12	1.42E-10	3.14E-11	4.14E-11	6.56E-11	1.16E-11	6.42E-11	3.63E-10
117	486633.18	3855943.15	5.06E-07	4.99E-07	4.85E-07	1.75E-10	5.29E-10	3.06E-10	3.02E-10	2.74E-10	1.25E-10	1.21E-10	5.85E-12	1.41E-10	3.12E-11	4.10E-11	6.51E-11	1.15E-11	6.37E-11	3.60E-10
118	486683.18	3855943.15	5.07E-07	5.01E-07	4.86E-07	1.76E-10	5.30E-10	3.07E-10	3.03E-10	2.75E-10	1.25E-10	1.22E-10	5.86E-12	1.42E-10	3.13E-11	4.11E-11	6.52E-11	1.15E-11	6.39E-11	3.60E-10
119	486733.18	3855943.15	5.07E-07	5.00E-07	4.86E-07	1.76E-10	5.30E-10	3.07E-10	3.03E-10	2.74E-10	1.25E-10	1.22E-10	5.86E-12	1.42E-10	3.12E-11	4.11E-11	6.52E-11	1.15E-11	6.38E-11	3.60E-10
120	486783.18	3855943.15	5.11E-07	5.05E-07	4.90E-07	1.77E-10	5.35E-10	3.09E-10	3.05E-10	2.77E-10	1.26E-10	1.23E-10	5.91E-12	1.43E-10	3.15E-11	4.15E-11	6.58E-11	1.16E-11	6.44E-11	3.63E-10
121	486533.18	3855993.15	5.31E-07	5.24E-07	5.09E-07	1.84E-10	5.55E-10	3.21E-10	3.17E-10	2.87E-10	1.31E-10	1.27E-10	6.14E-12	1.48E-10	3.27E-11	4.30E-11	6.83E-11	1.20E-11	6.68E-11	3.77E-10
122	486583.18	3855993.15	5.30E-07	5.23E-07	5.08E-07	1.83E-10	5.54E-10	3.21E-10	3.16E-10	2.87E-10	1.31E-10	1.27E-10	6.13E-12	1.48E-10	3.26E-11	4.30E-11	6.82E-11	1.20E-11	6.67E-11	3.77E-10
123	486633.18	3855993.15	5.28E-07	5.21E-07	5.06E-07	1.83E-10	5.51E-10	3.19E-10	3.15E-10	2.86E-10	1.30E-10	1.27E-10	6.10E-12	1.47E-10	3.25E-11	4.28E-11	6.79E-11	1.20E-11	6.64E-11	3.75E-10
124	486683.18	3855993.15	5.28E-07	5.21E-07	5.06E-07	1.83E-10	5.52E-10	3.19E-10	3.15E-10	2.86E-10	1.30E-10	1.27E-10	6.10E-12	1.47E-10	3.25E-11	4.28E-11	6.79E-11	1.20E-11	6.64E-11	3.75E-10
125	486733.18	3855993.15	5.27E-07	5.20E-07	5.05E-07	1.82E-10	5.51E-10	3.19E-10	3.15E-10	2.85E-10	1.30E-10	1.26E-10	6.09E-12	1.47E-10	3.25E-11	4.27E-11	6.78E-11	1.19E-11	6.63E-11	3.74E-10
126	486783.18	3855993.15	5.29E-07	5.22E-07	5.07E-07	1.83E-10	5.53E-10	3.20E-10	3.16E-10	2.86E-10	1.31E-10	1.27E-10	6.11E-12	1.48E-10	3.26E-11	4.29E-11	6.80E-11	1.20E-11	6.66E-11	3.76E-10
127	486533.18	3856043.15	5.51E-07	5.44E-07	5.28E-07	1.91E-10	5.76E-10	3.34E-10	3.29E-10	2.98E-10	1.36E-10	1.32E-10	6.37E-12	1.54E-10	3.40E-11	4.47E-11	7.09E-11	1.25E-11	6.94E-11	3.92E-10
128	486583.18	3856043.15	5.53E-07	5.46E-07	5.30E-07	1.91E-10	5.78E-10	3.34E-10	3.30E-10	2.99E-10	1.37E-10	1.33E-10	6.39E-12	1.54E-10	3.41E-11	4.48E-11	7.11E-11	1.25E-11	6.96E-11	3.93E-10
129	486633.18	3856043.15	5.50E-07	5.43E-07	5.27E-07	1.90E-10	5.75E-10	3.33E-10	3.28E-10	2.98E-10	1.36E-10	1.32E-10	6.36E-12	1.54E-10	3.39E-11	4.46E-11	7.07E-11	1.25E-11	6.92E-11	3.91E-10
130	486683.18	3856043.15	5.50E-07	5.43E-07	5.27E-07	1.91E-10	5.75E-10	3.33E-10	3.29E-10	2.98E-10	1.36E-10	1.32E-10	6.36E-12	1.54E-10	3.39E-11	4.46E-11	7.08E-11	1.25E-11	6.93E-11	3.91E-10
131	486733.18	3856043.15	5.48E-07	5.40E-07	5.25E-07	1.90E-10	5.72E-10	3.31E-10	3.27E-10	2.96E-10	1.35E-10	1.31E-10	6.33E-12	1.53E-10	3.37E-11	4.44E-11	7.04E-11	1.24E-11	6.89E-11	3.89E-10
132	486783.18	3856043.15	5.51E-07	5.43E-07	5.28E-07	1.91E-10	5.75E-10	3.33E-10	3.29E-10	2.98E-10	1.36E-10	1.32E-10	6.36E-12	1.54E-10	3.39E-11	4.46E-11	7.08E-11	1.25E-11	6.93E-11	3.91E-10
133	486533.18	3856093.15	5.74E-07	5.66E-07	5.50E-07	1.99E-10	6.00E-10	3.47E-10	3.43E-10	3.11E-10	1.42E-10	1.38E-10	6.63E-12	1.60E-10	3.54E-11	4.65E-11	7.38E-11	1.30E-11	7.22E-11	4.08E-10
134	486583.18	3856093.15	5.74E-07	5.67E-07	5.51E-07	1.99E-10	6.00E-10	3.48E-10	3.43E-10	3.11E-10	1.42E-10	1.38E-10	6.64E-12	1.60E-10	3.54E-11	4.66E-11	7.39E-11	1.30E-11	7.23E-11	4.08E-10
135	486633.18	3856093.15	5.73E-07	5.66E-07	5.49E-07	1.98E-10	5.99E-10	3.47E-10	3.42E-10	3.10E-10	1.42E-10	1.37E-10	6.63E-12	1.60E-10	3.53E-11	4.65E-11	7.37E-11	1.30E-11	7.22E-11	4.07E-10
136	486683.18	3856093.15	5.73E-07	5.66E-07	5.49E-07	1.98E-10	5.99E-10	3.47E-10	3.42E-10	3.10E-10	1.42E-10	1.37E-10	6.62E-12	1.60E-10	3.53E-11	4.65E-11	7.37E-11	1.30E-11	7.21E-11	4.07E-10
137	486733.18	3856093.15	5.71E-07	5.63E-07	5.47E-07	1.98E-10	5.97E-10	3.45E-10	3.41E-10	3.09E-10	1.41E-10	1.37E-10	6.60E-12	1.59E-10	3.52E-11	4.63E-11	7.34E-11	1.29E-11	7.19E-11	4.06E-10
138	486783.18	3856093.15	5.72E-07	5.64E-07	5.48E-07	1.98E-10	5.98E-10	3.46E-10	3.41E-10	3.09E-10	1.41E-10	1.37E-10	6.61E-12	1.60E-10	3.52E-11	4.64E-11	7.35E-11	1.30E-11	7.20E-11	4.06E-10
139	486533.18	3856143.15	5.94E-07	5.86E-07	5.69E-07	2.06E-10	6.21E-10	3.59E-10	3.55E-10	3.22E-10	1.47E-10	1.42E-10	6.87E-12	1.66E-10	3.66E-11	4.82E-11	7.64E-11	1.35E-11	7.48E-11	4.22E-10
140	486583.18	3856143.15	5.94E-07	5.86E-07	5.69E-07	2.06E-10	6.21E-10	3.59E-10	3.55E-10	3.22E-10	1.47E-10	1.42E-10	6.87E-12	1.66E-10	3.66E-11	4.82E-11	7.64E-11	1.35E-11	7.48E-11	4.22E-10
141	486633.18	3856143.15	5.96E-07	5.88E-07	5.71E-07	2.06E-10	6.23E-10	3.61E-10	3.56E-10	3.23E-10	1.47E-10	1.43E-10	6.89E-12	1.66E-10	3.67E-11	4.83E-11	7.67E-11	1.35E-11	7.50E-11	4.24E-10
142	486683.18	3856143.15	5.96E-07	5.88E-07	5.71E-07	2.06E-10	6.23E-10	3.61E-10	3.56E-10	3.23E-10	1.47E-10	1.43E-10	6.89E-12	1.66E-10	3.67E-11	4.83E-11	7.67E-11	1.35E-11	7.50E-11	4.24E-10
143	486733.18	3856143.15	5.95E-07	5.87E-07	5.70E-07	2.06E-10	6.22E-10	3.60E-10	3.55E-10	3.22E-10	1.47E-10	1.43E-10	6.88E-12	1.66E-10	3.67E-11	4.82E-11	7.65E-11	1.35E-11	7.49E-11	4.23E-10
144	486783.18	3856143.15	5.97E-07	5.90E-07	5.72E-07	2.07E-10	6.24E-10	3.61E-10	3.57E-10	3.23E-10	1.48E-10	1.43E-10	6.90E-12	1.67E-10	3.68E-11	4.84E-11	7.68E-11	1.35E-11	7.52E-11	4.24E-10
145	486533.18	3856193.15	6.15E-07	6.07E-07	5.90E-07	2.13E-10	6.43E-10	3.72E-10	3.67E-10	3.33E-10	1.52E-10	1.48E-10	7.11E-12	1.72E-10	3.79E-11	4.99E-11	7.91E-11	1.39E-11	7.75E-11	4.37E-10
146	486583.18	3856193.15	6.15E-07	6.07E-07	5.90E-07	2.13E-10	6.43E-10	3.72E-10	3.67E-10	3.33E-10	1.52E-10	1.48E-10	7.11E-12	1.72E-10	3.79E-11	4.99E-11	7.91E-11	1.39E-11	7.74E-11	4.37E-10
147	486633.18	3856193.15	6.18E-07	6.10E-07	5.93E-07	2.14E-10	6.46E-10	3.74E-10	3.69E-10	3.35E-10	1.53E-10	1.48E-10	7.15E-12	1.73E-10	3.81E-11	5.01E-11	7.95E-11	1.40E-11	7.78E-11	4.39E-10
148	486683.18	3856193.15	6.22E-07	6.14E-07	5.97E-07	2.15E-10	6.51E-10	3.77E-10	3.72E-10	3.37E-10	1.54E-10	1.49E-10	7.19E-12	1.74E-10	3.84E-11	5.05E-11	8.01E-11	1.41E-11	7.84E-11	4.42E-10
149	486733.18	3856193.15	6.21E-07	6.13E-07	5.95E-07	2.15E-10	6.49E-10	3.76E-10	3.71E-10	3.36E-10	1.53E-10	1.49E-10	7.18E-12	1.73E-10	3.83E-11	5.03E-11	7.99E-11	1.41E-11	7.82E-11	4.41E-10
150	486783.18	3856193.15	6.23E-07	6.15E-07	5.97E-07	2.16E-10	6.52E-10	3.77E-10	3.72E-10	3.37E-10	1.54E-10	1.50E-10	7.21E-12	1.74E-10	3.84E-11	5.05E-11	8.02E-11	1.41E-11	7.85E-11	4.43E-10
151	486533.18	3856243.15	6.33E-07	6.25E-07	6.07E-07	2.19E-10	6.62E-10	3.83E-10	3.78E-10	3.43E-10	1.56E-10	1.52E-10	7.32E-12	1.77E-10	3.90E-11	5.13E-11	8.14E-11	1.44E-11	7.97E-11	4.50E-10
152	486583.18	3856243.15	6.38E-07	6.30E-07	6.12E-07	2.21E-10	6.67E-10	3.86E-10	3.81E-10	3.45E-10	1.58E-10	1.53E-10	7.38E-12	1.78E-10	3.93E-11	5.17E-11	8.21E-11	1.45E-11	8.03E-11	4.54E-10

153	486633.18	3856243.15	6.42E-07	6.33E-07	6.15E-07	2.22E-10	6.71E-10	3.88E-10	3.83E-10	3.47E-10	1.58E-10	1.54E-10	7.42E-12	1.79E-10	3.95E-11	5.20E-11	8.25E-11	1.45E-11	8.08E-11	4.56E-10
154	486683.18	3856243.15	6.45E-07	6.37E-07	6.18E-07	2.23E-10	6.74E-10	3.90E-10	3.85E-10	3.49E-10	1.59E-10	1.55E-10	7.46E-12	1.80E-10	3.98E-11	5.23E-11	8.30E-11	1.46E-11	8.12E-11	4.59E-10
155	486733.18	3856243.15	6.49E-07	6.40E-07	6.22E-07	2.25E-10	6.78E-10	3.92E-10	3.87E-10	3.51E-10	1.60E-10	1.56E-10	7.50E-12	1.81E-10	4.00E-11	5.26E-11	8.34E-11	1.47E-11	8.16E-11	4.61E-10
156	486783.18	3856243.15	6.49E-07	6.40E-07	6.22E-07	2.25E-10	6.78E-10	3.92E-10	3.87E-10	3.51E-10	1.60E-10	1.56E-10	7.50E-12	1.81E-10	4.00E-11	5.26E-11	8.34E-11	1.47E-11	8.16E-11	4.61E-10
157	486533.18	3856293.15	6.50E-07	6.41E-07	6.23E-07	2.25E-10	6.79E-10	3.93E-10	3.88E-10	3.52E-10	1.60E-10	1.56E-10	7.51E-12	1.81E-10	4.00E-11	5.27E-11	8.36E-11	1.47E-11	8.18E-11	4.62E-10
158	486583.18	3856293.15	6.57E-07	6.49E-07	6.30E-07	2.28E-10	6.87E-10	3.98E-10	3.93E-10	3.56E-10	1.62E-10	1.58E-10	7.60E-12	1.84E-10	4.05E-11	5.33E-11	8.46E-11	1.49E-11	8.28E-11	4.67E-10
159	486633.18	3856293.15	6.64E-07	6.55E-07	6.36E-07	2.30E-10	6.94E-10	4.02E-10	3.97E-10	3.59E-10	1.64E-10	1.59E-10	7.68E-12	1.85E-10	4.09E-11	5.38E-11	8.54E-11	1.51E-11	8.36E-11	4.72E-10
160	486683.18	3856293.15	6.69E-07	6.60E-07	6.41E-07	2.32E-10	6.99E-10	4.05E-10	4.00E-10	3.62E-10	1.65E-10	1.60E-10	7.73E-12	1.87E-10	4.12E-11	5.42E-11	8.61E-11	1.52E-11	8.42E-11	4.75E-10
161	486733.18	3856293.15	6.75E-07	6.66E-07	6.47E-07	2.34E-10	7.06E-10	4.09E-10	4.03E-10	3.65E-10	1.67E-10	1.62E-10	7.80E-12	1.89E-10	4.16E-11	5.47E-11	8.68E-11	1.53E-11	8.50E-11	4.80E-10
162	486783.18	3856293.15	6.76E-07	6.67E-07	6.48E-07	2.34E-10	7.07E-10	4.09E-10	4.04E-10	3.66E-10	1.67E-10	1.62E-10	7.82E-12	1.89E-10	4.17E-11	5.48E-11	8.70E-11	1.53E-11	8.51E-11	4.81E-10
163	486783.18	3856343.15	7.07E-07	6.97E-07	6.77E-07	2.45E-10	7.39E-10	4.28E-10	4.22E-10	3.83E-10	1.75E-10	1.69E-10	8.17E-12	1.97E-10	4.35E-11	5.73E-11	9.09E-11	1.60E-11	8.90E-11	5.02E-10
164	486833.18	3856343.15	7.09E-07	7.00E-07	6.80E-07	2.45E-10	7.41E-10	4.29E-10	4.23E-10	3.84E-10	1.75E-10	1.70E-10	8.20E-12	1.98E-10	4.37E-11	5.75E-11	9.12E-11	1.61E-11	8.93E-11	5.04E-10
165	486883.18	3856343.15	7.10E-07	7.01E-07	6.81E-07	2.46E-10	7.42E-10	4.30E-10	4.24E-10	3.84E-10	1.75E-10	1.70E-10	8.21E-12	1.98E-10	4.38E-11	5.76E-11	9.14E-11	1.61E-11	8.94E-11	5.05E-10
166	486783.18	3856393.15	7.32E-07	7.22E-07	7.02E-07	2.53E-10	7.65E-10	4.43E-10	4.37E-10	3.96E-10	1.81E-10	1.76E-10	8.46E-12	2.04E-10	4.51E-11	5.94E-11	9.42E-11	1.66E-11	9.21E-11	5.20E-10
167	486833.18	3856393.15	7.37E-07	7.27E-07	7.06E-07	2.55E-10	7.70E-10	4.46E-10	4.40E-10	3.99E-10	1.82E-10	1.77E-10	8.52E-12	2.06E-10	4.54E-11	5.98E-11	9.48E-11	1.67E-11	9.28E-11	5.24E-10
168	486883.18	3856393.15	7.37E-07	7.28E-07	7.07E-07	2.55E-10	7.71E-10	4.46E-10	4.40E-10	3.99E-10	1.82E-10	1.77E-10	8.52E-12	2.06E-10	4.54E-11	5.98E-11	9.48E-11	1.67E-11	9.28E-11	5.24E-10
169	487208.74	3856886.11	1.14E-06	1.12E-06	1.09E-06	3.95E-10	1.19E-09	6.90E-10	6.81E-10	6.17E-10	2.82E-10	2.73E-10	1.32E-11	3.18E-10	7.02E-11	9.24E-11	1.47E-10	2.58E-11	1.43E-10	8.10E-10
170	487258.74	3856886.11	1.15E-06	1.13E-06	1.10E-06	3.97E-10	1.20E-09	6.94E-10	6.85E-10	6.21E-10	2.83E-10	2.75E-10	1.33E-11	3.20E-10	7.07E-11	9.30E-11	1.48E-10	2.60E-11	1.44E-10	8.15E-10
171	487308.74	3856886.11	1.15E-06	1.13E-06	1.10E-06	3.98E-10	1.20E-09	6.96E-10	6.87E-10	6.23E-10	2.84E-10	2.76E-10	1.33E-11	3.21E-10	7.09E-11	9.32E-11	1.48E-10	2.61E-11	1.45E-10	8.17E-10
172	487358.74	3856886.11	1.15E-06	1.13E-06	1.10E-06	3.97E-10	1.20E-09	6.94E-10	6.85E-10	6.21E-10	2.83E-10	2.75E-10	1.33E-11	3.20E-10	7.07E-11	9.30E-11	1.48E-10	2.60E-11	1.44E-10	8.15E-10
173	487208.74	3856936.11	1.18E-06	1.16E-06	1.13E-06	4.09E-10	1.23E-09	7.14E-10	7.05E-10	6.39E-10	2.92E-10	2.83E-10	1.36E-11	3.30E-10	7.27E-11	9.57E-11	1.52E-10	2.68E-11	1.49E-10	8.39E-10
174	487258.74	3856936.11	1.20E-06	1.18E-06	1.15E-06	4.14E-10	1.25E-09	7.24E-10	7.15E-10	6.48E-10	2.96E-10	2.87E-10	1.38E-11	3.34E-10	7.38E-11	9.71E-11	1.54E-10	2.71E-11	1.51E-10	8.51E-10
175	487308.74	3856936.11	1.21E-06	1.19E-06	1.16E-06	4.18E-10	1.26E-09	7.30E-10	7.21E-10	6.54E-10	2.98E-10	2.90E-10	1.40E-11	3.37E-10	7.44E-11	9.79E-11	1.55E-10	2.74E-11	1.52E-10	8.58E-10
176	487358.74	3856936.11	1.21E-06	1.19E-06	1.16E-06	4.18E-10	1.26E-09	7.31E-10	7.22E-10	6.54E-10	2.99E-10	2.90E-10	1.40E-11	3.38E-10	7.45E-11	9.80E-11	1.55E-10	2.74E-11	1.52E-10	8.59E-10
177	487208.74	3856986.11	1.21E-06	1.20E-06	1.16E-06	4.19E-10	1.27E-09	7.33E-10	7.24E-10	6.56E-10	2.99E-10	2.91E-10	1.40E-11	3.38E-10	7.47E-11	9.82E-11	1.56E-10	2.75E-11	1.53E-10	8.61E-10
178	487258.74	3856986.11	1.24E-06	1.23E-06	1.19E-06	4.31E-10	1.30E-09	7.53E-10	7.43E-10	6.74E-10	3.07E-10	2.99E-10	1.44E-11	3.48E-10	7.67E-11	1.01E-10	1.60E-10	2.82E-11	1.57E-10	8.84E-10
179	487308.74	3856986.11	1.26E-06	1.24E-06	1.21E-06	4.37E-10	1.32E-09	7.63E-10	7.53E-10	6.83E-10	3.12E-10	3.03E-10	1.46E-11	3.52E-10	7.77E-11	1.02E-10	1.62E-10	2.86E-11	1.59E-10	8.96E-10
180	487358.74	3856986.11	1.27E-06	1.26E-06	1.22E-06	4.41E-10	1.33E-09	7.70E-10	7.60E-10	6.89E-10	3.14E-10	3.05E-10	1.47E-11	3.55E-10	7.84E-11	1.03E-10	1.64E-10	2.88E-11	1.60E-10	9.04E-10
181	487208.74	3857036.11	1.23E-06	1.22E-06	1.18E-06	4.27E-10	1.29E-09	7.46E-10	7.36E-10	6.67E-10	3.04E-10	2.96E-10	1.42E-11	3.44E-10	7.59E-11	9.99E-11	1.59E-10	2.79E-11	1.55E-10	8.76E-10
182	487258.74	3857036.11	1.28E-06	1.26E-06	1.22E-06	4.42E-10	1.33E-09	7.72E-10	7.62E-10	6.91E-10	3.15E-10	3.06E-10	1.48E-11	3.56E-10	7.86E-11	1.03E-10	1.64E-10	2.89E-11	1.61E-10	9.07E-10
183	487308.74	3857036.11	1.31E-06	1.30E-06	1.26E-06	4.54E-10	1.37E-09	7.94E-10	7.84E-10	7.11E-10	3.24E-10	3.15E-10	1.52E-11	3.66E-10	8.09E-11	1.06E-10	1.69E-10	2.98E-11	1.65E-10	9.33E-10
184	487358.74	3857036.11	1.33E-06	1.32E-06	1.28E-06	4.62E-10	1.39E-09	8.07E-10	7.97E-10	7.22E-10	3.30E-10	3.20E-10	1.54E-11	3.73E-10	8.22E-11	1.08E-10	1.72E-10	3.02E-11	1.68E-10	9.48E-10
185	487427.14	3856878.23	1.14E-06	1.13E-06	1.09E-06	3.95E-10	1.19E-09	6.91E-10	6.82E-10	6.18E-10	2.82E-10	2.74E-10	1.32E-11	3.19E-10	7.04E-11	9.26E-11	1.47E-10	2.59E-11	1.44E-10	8.12E-10
186	487477.14	3856878.23	1.15E-06	1.13E-06	1.10E-06	3.97E-10	1.20E-09	6.93E-10	6.84E-10	6.20E-10	2.83E-10	2.75E-10	1.32E-11	3.20E-10	7.06E-11	9.29E-11	1.47E-10	2.60E-11	1.44E-10	8.14E-10
187	487527.14	3856878.23	1.15E-06	1.14E-06	1.10E-06	3.99E-10	1.20E-09	6.97E-10	6.88E-10	6.23E-10	2.84E-10	2.76E-10	1.33E-11	3.22E-10	7.10E-11	9.34E-11	1.48E-10	2.61E-11	1.45E-10	8.18E-10
188	487427.14	3856928.23	1.20E-06	1.18E-06	1.15E-06	4.16E-10	1.25E-09	7.26E-10	7.17E-10	6.50E-10	2.97E-10	2.88E-10	1.39E-11	3.35E-10	7.40E-11	9.73E-11	1.54E-10	2.72E-11	1.51E-10	8.53E-10
189	487477.14	3856928.23	1.20E-06	1.18E-06	1.15E-06	4.15E-10	1.25E-09	7.26E-10	7.16E-10	6.49E-10	2.96E-10	2.88E-10	1.39E-11	3.35E-10	7.39E-11	9.72E-11	1.54E-10	2.72E-11	1.51E-10	8.52E-10
190	487527.14	3856928.23	1.20E-06	1.19E-06	1.15E-06	4.17E-10	1.26E-09	7.28E-10	7.19E-10	6.51E-10	2.97E-10	2.89E-10	1.39E-11	3.36E-10	7.42E-11	9.76E-11	1.55E-10	2.73E-11	1.51E-10	8.55E-10
191	487577.14	3856928.23	1.21E-06	1.19E-06	1.16E-06	4.19E-10	1.27E-09	7.33E-10	7.23E-10	6.55E-10	2.99E-10	2.90E-10	1.40E-11	3.38E-10	7.46E-11	9.82E-11	1.56E-10	2.74E-11	1.52E-10	8.60E-10
192	487627.14	3856928.23	1.22E-06	1.20E-06	1.17E-06	4.22E-10	1.27E-09	7.37E-10	7.28E-10	6.60E-10	3.01E-10	2.92E-10	1.41E-11	3.40E-10	7.51E-11	9.88E-11	1.57E-10	2.76E-11	1.53E-10	8.66E-10
193	487677.14	3856928.23	1.23E-06	1.22E-06	1.18E-06	4.27E-10	1.29E-09	7.47E-10	7.37E-10	6.68E-10	3.05E-10	2.96E-10	1.43E-11	3.45E-10	7.61E-11	1.00E-10	1.59E-10	2.80E-11	1.55E-10	8.77E-10
194	487727.14	3856928.23	1.25E-06	1.24E-06	1.20E-06	4.33E-10	1.31E-09	7.57E-10	7.48E-10	6.78E-10	3.09E-10	3.00E-10	1.45E-11	3.50E-10	7.71E-11	1.02E-10	1.61E-10	2.84E-11	1.58E-10	8.90E-10
195	487777.14	3856928.23	1.26E-06	1.25E-06	1.21E-06	4.38E-10	1.32E-09	7.65E-10	7.55E-10	6.84E-10	3.12E-10	3.03E-10	1.46E-11	3.53E-10	7.79E-11	1.03E-10	1.63E-10	2.87E-11	1.59E-10	8.98E-10
196	487427.14	3856978.23	1.26E-06	1.25E-06	1.21E-06	4.37E-10	1.32E-09	7.64E-10	7.54E-10	6.83E-10	3.12E-10	3.03E-10	1.46E-11	3.52E-10	7.78E-11	1.02E-10	1.62E-10	2.86E-11	1.59E-10	8.97E-10
197	487477.14	3856978.23	1.26E-06	1.25E-06	1.21E-06	4.37E-10	1.32E-09	7.64E-10	7.54E-10	6.83E-10	3.12E-10	3.03E-10	1.46E-11	3.52E-10	7.78E-11	1.02E-10	1.62E-10	2.86E-11	1.59E-10	8.97E-10
198	487527.14	3856978.23	1.26E-06	1.25E-06	1.21E-06	4.37E-10	1.32E-09	7.65E-10	7.55E-10	6.84E-10	3.12E-10	3.03E-10	1.46E-11	3.53E-10	7.79E-11	1.02E-10	1.63E-10	2.86E-11	1.59E-10	8.98E-10
199	487577.14	3856978.23	1.27E-06	1.25E-06	1.21E-06	4.39E-10	1.32E-09	7.67E-10	7.57E-10	6.86E-10	3.13E-10	3.04E-10	1.47E-11	3.54E-10	7.81E-11	1.03E-10	1.63E-10	2.87E-11	1.60E-10	9.01E-10
200	487627.14	3856978.23	1.27E-06	1.26E-06	1.22E-06	4.40E-10	1.33E-09	7.70E-10	7.60E-10	6.89E-10	3.14E-10	3.05E-10	1.47E-11	3.55E-10	7.84E-11	1.03E-10	1.64E-10	2.88E-11	1.60E-10	9.04E-10
201	487677.14	3856978.23	1.29E-06	1.27E-06	1.23E-06	4.46E-10	1.35E-09	7.79E-10	7.69E-10	6.97E-10	3.18E-10	3.09E-10	1.49E-11	3.59E-10	7.93E-11	1.04E-10	1.66E-10	2.92E-11	1.62E-10	9.15E-10
202	487727.14	3856978.23	1.29E-06	1.28E-06	1.24E-06	4.48E-10	1.35E-09	7.83E-10	7.72E-10	7.00E-10	3.19E-10	3.10E-10	1.49E-11	3.61E-10	7.97E-11	1.05E-10	1.66E-10	2.93E-11	1.63E-10	9.19E-10
203	487777.14	3856978.23	1.32E-06	1.30E-06	1.27E-06	4.57E-10	1.38E-09	7.99E-10	7.89E-10	7.15E-10	3.26E-10	3.17E-10	1.53E-11	3.69E-10	8.14E-11	1.07E-10	1.70E-10	3.00E-11	1.66E-10	9.39E-10
204	487427.14	3857028.23	1.33E-06	1.32E-06	1.28E-06	4.62E-10	1.39E-09	8.07E-10	7.96E-10	7.22E-10	3.29E-10	3.20E-10	1.54E-11	3.72E-10	8.22E-11	1.08E-10	1.72E-10	3.02E-11	1.68E-10	9.48E-10
205	487477.14	3857028.23	1.33E-06	1.32E-06	1.28E-06	4.61E-10	1.39E-09	8.06E-10	7.96E-10	7.21E-10	3.29E-10	3.20E-10	1.54E-11	3.72E-10	8.21E-11	1.08E-10	1.71E-10	3.02E-11	1.68E-10	9.47E-10

206	487527.14	3857028.23	1.33E-06	1.31E-06	1.27E-06	4.60E-10	1.39E-09	8.05E-10	7.94E-10	7.20E-10	3.28E-10	3.19E-10	1.54E-11	3.71E-10	8.19E-11	1.08E-10	1.71E-10	3.01E-11	1.67E-10	9.45E-10
207	487577.14	3857028.23	1.33E-06	1.31E-06	1.28E-06	4.61E-10	1.39E-09	8.06E-10	7.95E-10	7.21E-10	3.29E-10	3.19E-10	1.54E-11	3.72E-10	8.20E-11	1.08E-10	1.71E-10	3.02E-11	1.68E-10	9.46E-10
208	487627.14	3857028.23	1.33E-06	1.31E-06	1.28E-06	4.61E-10	1.39E-09	8.06E-10	7.95E-10	7.21E-10	3.29E-10	3.19E-10	1.54E-11	3.72E-10	8.21E-11	1.08E-10	1.71E-10	3.02E-11	1.68E-10	9.46E-10
209	487677.14	3857028.23	1.34E-06	1.33E-06	1.29E-06	4.65E-10	1.40E-09	8.13E-10	8.02E-10	7.27E-10	3.32E-10	3.22E-10	1.55E-11	3.75E-10	8.28E-11	1.09E-10	1.73E-10	3.04E-11	1.69E-10	9.54E-10
210	487727.14	3857028.23	1.36E-06	1.34E-06	1.31E-06	4.71E-10	1.42E-09	8.24E-10	8.13E-10	7.37E-10	3.36E-10	3.27E-10	1.57E-11	3.80E-10	8.39E-11	1.10E-10	1.75E-10	3.09E-11	1.71E-10	9.68E-10
211	487777.14	3857028.23	1.38E-06	1.36E-06	1.32E-06	4.77E-10	1.44E-09	8.34E-10	8.23E-10	7.46E-10	3.41E-10	3.31E-10	1.59E-11	3.85E-10	8.50E-11	1.12E-10	1.77E-10	3.13E-11	1.74E-10	9.80E-10
212	487427.14	3857078.23	1.40E-06	1.39E-06	1.35E-06	4.86E-10	1.47E-09	8.50E-10	8.39E-10	7.60E-10	3.47E-10	3.37E-10	1.62E-11	3.92E-10	8.65E-11	1.14E-10	1.81E-10	3.18E-11	1.77E-10	9.98E-10
213	487477.14	3857078.23	1.41E-06	1.39E-06	1.35E-06	4.87E-10	1.47E-09	8.51E-10	8.40E-10	7.62E-10	3.48E-10	3.37E-10	1.63E-11	3.93E-10	8.67E-11	1.14E-10	1.81E-10	3.19E-11	1.77E-10	1.00E-09
214	487527.14	3857078.23	1.41E-06	1.39E-06	1.35E-06	4.87E-10	1.47E-09	8.50E-10	8.39E-10	7.61E-10	3.47E-10	3.37E-10	1.62E-11	3.92E-10	8.66E-11	1.14E-10	1.81E-10	3.19E-11	1.77E-10	9.99E-10
215	487577.14	3857078.23	1.40E-06	1.38E-06	1.34E-06	4.86E-10	1.47E-09	8.49E-10	8.38E-10	7.59E-10	3.47E-10	3.37E-10	1.62E-11	3.92E-10	8.64E-11	1.14E-10	1.80E-10	3.18E-11	1.77E-10	9.97E-10
216	487627.14	3857078.23	1.40E-06	1.38E-06	1.34E-06	4.85E-10	1.47E-09	8.48E-10	8.37E-10	7.59E-10	3.46E-10	3.36E-10	1.62E-11	3.92E-10	8.64E-11	1.14E-10	1.80E-10	3.18E-11	1.77E-10	9.96E-10
217	487677.14	3857078.23	1.41E-06	1.39E-06	1.35E-06	4.88E-10	1.47E-09	8.53E-10	8.42E-10	7.63E-10	3.48E-10	3.38E-10	1.63E-11	3.94E-10	8.69E-11	1.14E-10	1.81E-10	3.20E-11	1.77E-10	1.00E-09
218	487727.14	3857078.23	1.42E-06	1.41E-06	1.37E-06	4.93E-10	1.49E-09	8.62E-10	8.51E-10	7.71E-10	3.52E-10	3.42E-10	1.65E-11	3.98E-10	8.78E-11	1.15E-10	1.83E-10	3.23E-11	1.79E-10	1.01E-09
219	487777.14	3857078.23	1.44E-06	1.42E-06	1.38E-06	4.98E-10	1.50E-09	8.70E-10	8.59E-10	7.79E-10	3.55E-10	3.45E-10	1.66E-11	4.02E-10	8.86E-11	1.17E-10	1.85E-10	3.26E-11	1.81E-10	1.02E-09
220	487427.14	3857128.23	1.47E-06	1.45E-06	1.41E-06	5.09E-10	1.54E-09	8.90E-10	8.79E-10	7.97E-10	3.64E-10	3.53E-10	1.70E-11	4.11E-10	9.07E-11	1.19E-10	1.89E-10	3.34E-11	1.85E-10	1.05E-09
221	487477.14	3857128.23	1.48E-06	1.46E-06	1.42E-06	5.14E-10	1.55E-09	8.98E-10	8.86E-10	8.03E-10	3.67E-10	3.56E-10	1.72E-11	4.14E-10	9.14E-11	1.20E-10	1.91E-10	3.36E-11	1.87E-10	1.05E-09
222	487527.14	3857128.23	1.48E-06	1.47E-06	1.42E-06	5.14E-10	1.55E-09	8.99E-10	8.87E-10	8.04E-10	3.67E-10	3.56E-10	1.72E-11	4.15E-10	9.15E-11	1.20E-10	1.91E-10	3.37E-11	1.87E-10	1.06E-09
223	487577.14	3857128.23	1.48E-06	1.46E-06	1.42E-06	5.13E-10	1.55E-09	8.97E-10	8.85E-10	8.03E-10	3.66E-10	3.56E-10	1.71E-11	4.14E-10	9.13E-11	1.20E-10	1.91E-10	3.36E-11	1.87E-10	1.05E-09
224	487627.14	3857128.23	1.48E-06	1.46E-06	1.42E-06	5.13E-10	1.55E-09	8.96E-10	8.85E-10	8.02E-10	3.66E-10	3.55E-10	1.71E-11	4.14E-10	9.13E-11	1.20E-10	1.91E-10	3.36E-11	1.87E-10	1.05E-09
225	487677.14	3857128.23	1.48E-06	1.46E-06	1.42E-06	5.13E-10	1.55E-09	8.96E-10	8.85E-10	8.02E-10	3.66E-10	3.55E-10	1.71E-11	4.14E-10	9.13E-11	1.20E-10	1.91E-10	3.36E-11	1.87E-10	1.05E-09
226	487727.14	3857128.23	1.50E-06	1.48E-06	1.43E-06	5.18E-10	1.56E-09	9.05E-10	8.93E-10	8.10E-10	3.70E-10	3.59E-10	1.73E-11	4.18E-10	9.22E-11	1.21E-10	1.92E-10	3.39E-11	1.88E-10	1.06E-09
227	487777.14	3857128.23	1.51E-06	1.49E-06	1.45E-06	5.22E-10	1.58E-09	9.13E-10	9.01E-10	8.16E-10	3.73E-10	3.62E-10	1.74E-11	4.21E-10	9.29E-11	1.22E-10	1.94E-10	3.42E-11	1.90E-10	1.07E-09
228	488049.44	3856539.39	9.99E-07	9.86E-07	9.57E-07	3.46E-10	1.04E-09	6.04E-10	5.96E-10	5.41E-10	2.47E-10	2.40E-10	1.15E-11	2.79E-10	6.15E-11	8.10E-11	1.28E-10	2.26E-11	1.26E-10	7.10E-10
229	488099.44	3856539.39	1.00E-06	9.91E-07	9.62E-07	3.48E-10	1.05E-09	6.08E-10	6.00E-10	5.44E-10	2.48E-10	2.41E-10	1.16E-11	2.80E-10	6.19E-11	8.14E-11	1.29E-10	2.28E-11	1.26E-10	7.14E-10
230	488149.44	3856539.39	1.01E-06	1.00E-06	9.71E-07	3.51E-10	1.06E-09	6.13E-10	6.05E-10	5.48E-10	2.50E-10	2.43E-10	1.17E-11	2.83E-10	6.24E-11	8.22E-11	1.30E-10	2.30E-11	1.28E-10	7.20E-10
231	488049.44	3856589.39	1.04E-06	1.02E-06	9.95E-07	3.59E-10	1.09E-09	6.28E-10	6.20E-10	5.62E-10	2.57E-10	2.49E-10	1.20E-11	2.90E-10	6.40E-11	8.42E-11	1.34E-10	2.35E-11	1.31E-10	7.38E-10
232	488099.44	3856589.39	1.04E-06	1.03E-06	1.00E-06	3.62E-10	1.09E-09	6.32E-10	6.24E-10	5.66E-10	2.58E-10	2.51E-10	1.21E-11	2.92E-10	6.44E-11	8.47E-11	1.34E-10	2.37E-11	1.32E-10	7.43E-10
233	488149.44	3856589.39	1.05E-06	1.04E-06	1.01E-06	3.64E-10	1.10E-09	6.37E-10	6.29E-10	5.70E-10	2.60E-10	2.52E-10	1.22E-11	2.94E-10	6.49E-11	8.53E-11	1.35E-10	2.39E-11	1.33E-10	7.48E-10
234	488199.44	3856589.39	1.06E-06	1.04E-06	1.01E-06	3.66E-10	1.11E-09	6.40E-10	6.32E-10	5.73E-10	2.61E-10	2.54E-10	1.22E-11	2.96E-10	6.52E-11	8.58E-11	1.36E-10	2.40E-11	1.33E-10	7.52E-10
235	488249.44	3856589.39	1.07E-06	1.06E-06	1.03E-06	3.72E-10	1.12E-09	6.50E-10	6.42E-10	5.82E-10	2.65E-10	2.58E-10	1.24E-11	3.00E-10	6.62E-11	8.71E-11	1.38E-10	2.44E-11	1.35E-10	7.64E-10
236	488049.44	3856639.39	1.08E-06	1.06E-06	1.03E-06	3.73E-10	1.13E-09	6.53E-10	6.44E-10	5.84E-10	2.67E-10	2.59E-10	1.25E-11	3.01E-10	6.65E-11	8.75E-11	1.39E-10	2.45E-11	1.36E-10	7.67E-10
237	488099.44	3856639.39	1.09E-06	1.07E-06	1.04E-06	3.76E-10	1.14E-09	6.57E-10	6.49E-10	5.88E-10	2.68E-10	2.60E-10	1.26E-11	3.03E-10	6.69E-11	8.80E-11	1.40E-10	2.46E-11	1.37E-10	7.72E-10
238	488149.44	3856639.39	1.09E-06	1.08E-06	1.05E-06	3.78E-10	1.14E-09	6.62E-10	6.53E-10	5.92E-10	2.70E-10	2.62E-10	1.26E-11	3.05E-10	6.74E-11	8.87E-11	1.41E-10	2.48E-11	1.38E-10	7.77E-10
239	488199.44	3856639.39	1.10E-06	1.09E-06	1.06E-06	3.82E-10	1.15E-09	6.68E-10	6.59E-10	5.98E-10	2.73E-10	2.65E-10	1.28E-11	3.08E-10	6.80E-11	8.95E-11	1.42E-10	2.50E-11	1.39E-10	7.85E-10
240	488249.44	3856639.39	1.11E-06	1.10E-06	1.07E-06	3.86E-10	1.16E-09	6.74E-10	6.65E-10	6.03E-10	2.75E-10	2.67E-10	1.29E-11	3.11E-10	6.86E-11	9.03E-11	1.43E-10	2.52E-11	1.40E-10	7.92E-10
241	488299.44	3856639.39	1.12E-06	1.11E-06	1.08E-06	3.89E-10	1.18E-09	6.80E-10	6.72E-10	6.09E-10	2.78E-10	2.70E-10	1.30E-11	3.14E-10	6.93E-11	9.12E-11	1.45E-10	2.55E-11	1.42E-10	7.99E-10
242	488349.44	3856639.39	1.13E-06	1.12E-06	1.09E-06	3.92E-10	1.18E-09	6.86E-10	6.77E-10	6.13E-10	2.80E-10	2.72E-10	1.31E-11	3.16E-10	6.98E-11	9.19E-11	1.46E-10	2.57E-11	1.43E-10	8.05E-10
243	488399.44	3856639.39	1.15E-06	1.13E-06	1.10E-06	3.98E-10	1.20E-09	6.95E-10	6.86E-10	6.22E-10	2.84E-10	2.76E-10	1.33E-11	3.21E-10	7.08E-11	9.31E-11	1.48E-10	2.60E-11	1.45E-10	8.16E-10
244	488099.44	3856689.39	1.13E-06	1.12E-06	1.08E-06	3.92E-10	1.18E-09	6.84E-10	6.75E-10	6.12E-10	2.79E-10	2.71E-10	1.31E-11	3.16E-10	6.97E-11	9.17E-11	1.45E-10	2.56E-11	1.42E-10	8.04E-10
245	488149.44	3856689.39	1.14E-06	1.12E-06	1.09E-06	3.94E-10	1.19E-09	6.89E-10	6.80E-10	6.16E-10	2.81E-10	2.73E-10	1.32E-11	3.18E-10	7.01E-11	9.23E-11	1.46E-10	2.58E-11	1.43E-10	8.09E-10
246	488199.44	3856689.39	1.15E-06	1.13E-06	1.10E-06	3.98E-10	1.20E-09	6.95E-10	6.86E-10	6.22E-10	2.84E-10	2.75E-10	1.33E-11	3.21E-10	7.08E-11	9.31E-11	1.48E-10	2.60E-11	1.45E-10	8.16E-10
247	488249.44	3856689.39	1.16E-06	1.14E-06	1.11E-06	4.00E-10	1.21E-09	6.99E-10	6.90E-10	6.25E-10	2.85E-10	2.77E-10	1.34E-11	3.23E-10	7.12E-11	9.37E-11	1.49E-10	2.62E-11	1.45E-10	8.21E-10
248	488299.44	3856689.39	1.17E-06	1.15E-06	1.12E-06	4.05E-10	1.22E-09	7.08E-10	6.98E-10	6.33E-10	2.89E-10	2.80E-10	1.35E-11	3.27E-10	7.20E-11	9.48E-11	1.50E-10	2.65E-11	1.47E-10	8.31E-10
249	488349.44	3856689.39	1.18E-06	1.16E-06	1.13E-06	4.08E-10	1.23E-09	7.13E-10	7.04E-10	6.38E-10	2.91E-10	2.83E-10	1.36E-11	3.29E-10	7.26E-11	9.55E-11	1.52E-10	2.67E-11	1.48E-10	8.37E-10
250	488399.44	3856689.39	1.18E-06	1.17E-06	1.13E-06	4.10E-10	1.24E-09	7.16E-10	7.07E-10	6.41E-10	2.92E-10	2.84E-10	1.37E-11	3.31E-10	7.29E-11	9.60E-11	1.52E-10	2.68E-11	1.49E-10	8.41E-10
251	488099.44	3856739.39	1.18E-06	1.16E-06	1.13E-06	4.08E-10	1.23E-09	7.14E-10	7.04E-10	6.38E-10	2.91E-10	2.83E-10	1.36E-11	3.29E-10	7.27E-11	9.56E-11	1.52E-10	2.67E-11	1.48E-10	8.38E-10
252	488149.44	3856739.39	1.18E-06	1.17E-06	1.14E-06	4.10E-10	1.24E-09	7.17E-10	7.07E-10	6.41E-10	2.93E-10	2.84E-10	1.37E-11	3.31E-10	7.30E-11	9.60E-11	1.52E-10	2.68E-11	1.49E-10	8.42E-10
253	488199.44	3856739.39	1.20E-06	1.18E-06	1.15E-06	4.14E-10	1.25E-09	7.24E-10	7.15E-10	6.48E-10	2.96E-10	2.87E-10	1.38E-11	3.34E-10	7.38E-11	9.71E-11	1.54E-10	2.71E-11	1.51E-10	8.51E-10
254	488249.44	3856739.39	1.20E-06	1.19E-06	1.15E-06	4.17E-10	1.26E-09	7.28E-10	7.19E-10	6.52E-10	2.97E-10	2.89E-10	1.39E-11	3.36E-10	7.42E-11	9.76E-11	1.55E-10	2.73E-11	1.52E-10	8.56E-10
255	488299.44	3856739.39	1.21E-06	1.19E-06	1.16E-06	4.18E-10	1.26E-09	7.30E-10	7.20E-10	6.53E-10	2.98E-10	2.89E-10	1.39E-11	3.37E-10	7.43E-11	9.78E-11	1.55E-10	2.73E-11	1.52E-10	8.57E-10
256	488349.44	3856739.39	1.22E-06	1.21E-06	1.17E-06	4.24E-10	1.28E-09	7.41E-10	7.31E-10	6.63E-10	3.03E-10	2.94E-10	1.42E-11	3.42E-10	7.55E-11	9.93E-11	1.58E-10	2.78E-11	1.54E-10	8.70E-10
257	488399.44	3856739.39	1.24E-06	1.23E-06	1.19E-06	4.30E-10	1.30E-09	7.52E-10	7.42E-10	6.73E-10	3.07E-10	2.98E-10	1.44E-11	3.47E-10	7.66E-11	1.01E-10	1.60E-10	2.82E-11	1.57E-10	8.84E-10
258	487999.44	3856789.39	1.20E-06	1.18E-06	1.15E-06	4.15E-10	1.25E-09	7.25E-10	7.16E-10	6.49E-10	2.96E-10	2.87E-10	1.39E-11	3.35E-10	7.38E-11	9.72E-11	1.54E-10	2.72E-11	1.51E-10	8.52E-10

259	488049.44	3856789.39	1.21E-06	1.19E-06	1.16E-06	4.19E-10	1.26E-09	7.32E-10	7.23E-10	6.55E-10	2.99E-10	2.90E-10	1.40E-11	3.38E-10	7.46E-11	9.81E-11	1.56E-10	2.74E-11	1.52E-10	8.60E-10
260	488099.44	3856789.39	1.23E-06	1.21E-06	1.17E-06	4.24E-10	1.28E-09	7.41E-10	7.32E-10	6.63E-10	3.03E-10	2.94E-10	1.42E-11	3.42E-10	7.55E-11	9.94E-11	1.58E-10	2.78E-11	1.54E-10	8.71E-10
261	488149.44	3856789.39	1.23E-06	1.22E-06	1.18E-06	4.27E-10	1.29E-09	7.46E-10	7.37E-10	6.68E-10	3.05E-10	2.96E-10	1.43E-11	3.44E-10	7.60E-11	1.00E-10	1.59E-10	2.80E-11	1.55E-10	8.77E-10
262	488199.44	3856789.39	1.24E-06	1.23E-06	1.19E-06	4.31E-10	1.30E-09	7.53E-10	7.43E-10	6.74E-10	3.07E-10	2.98E-10	1.44E-11	3.47E-10	7.67E-11	1.01E-10	1.60E-10	2.82E-11	1.57E-10	8.84E-10
263	488249.44	3856789.39	1.25E-06	1.24E-06	1.20E-06	4.33E-10	1.31E-09	7.58E-10	7.48E-10	6.78E-10	3.09E-10	3.00E-10	1.45E-11	3.50E-10	7.71E-11	1.02E-10	1.61E-10	2.84E-11	1.58E-10	8.90E-10
264	488299.44	3856789.39	1.26E-06	1.24E-06	1.20E-06	4.35E-10	1.31E-09	7.60E-10	7.51E-10	6.80E-10	3.10E-10	3.01E-10	1.45E-11	3.51E-10	7.74E-11	1.02E-10	1.62E-10	2.85E-11	1.58E-10	8.93E-10
265	488349.44	3856789.39	1.28E-06	1.26E-06	1.22E-06	4.42E-10	1.33E-09	7.72E-10	7.62E-10	6.90E-10	3.15E-10	3.06E-10	1.47E-11	3.56E-10	7.86E-11	1.03E-10	1.64E-10	2.89E-11	1.61E-10	9.06E-10
266	488399.44	3856789.39	1.29E-06	1.28E-06	1.24E-06	4.47E-10	1.35E-09	7.82E-10	7.72E-10	7.00E-10	3.19E-10	3.10E-10	1.49E-11	3.61E-10	7.96E-11	1.05E-10	1.66E-10	2.93E-11	1.63E-10	9.18E-10
267	487949.44	3856839.39	1.23E-06	1.22E-06	1.18E-06	4.26E-10	1.29E-09	7.45E-10	7.35E-10	6.66E-10	3.04E-10	2.95E-10	1.42E-11	3.44E-10	7.59E-11	9.98E-11	1.58E-10	2.79E-11	1.55E-10	8.75E-10
268	487999.44	3856839.39	1.24E-06	1.23E-06	1.19E-06	4.31E-10	1.30E-09	7.53E-10	7.43E-10	6.74E-10	3.08E-10	2.99E-10	1.44E-11	3.48E-10	7.67E-11	1.01E-10	1.60E-10	2.82E-11	1.57E-10	8.85E-10
269	488049.44	3856839.39	1.26E-06	1.24E-06	1.21E-06	4.35E-10	1.31E-09	7.61E-10	7.51E-10	6.81E-10	3.11E-10	3.02E-10	1.45E-11	3.51E-10	7.75E-11	1.02E-10	1.62E-10	2.85E-11	1.58E-10	8.94E-10
270	488099.44	3856839.39	1.27E-06	1.26E-06	1.22E-06	4.40E-10	1.33E-09	7.70E-10	7.59E-10	6.88E-10	3.14E-10	3.05E-10	1.47E-11	3.55E-10	7.84E-11	1.03E-10	1.64E-10	2.88E-11	1.60E-10	9.04E-10
271	488149.44	3856839.39	1.28E-06	1.27E-06	1.23E-06	4.45E-10	1.34E-09	7.77E-10	7.67E-10	6.95E-10	3.17E-10	3.08E-10	1.49E-11	3.59E-10	7.92E-11	1.04E-10	1.65E-10	2.91E-11	1.62E-10	9.13E-10
272	488199.44	3856839.39	1.30E-06	1.28E-06	1.24E-06	4.49E-10	1.35E-09	7.84E-10	7.74E-10	7.02E-10	3.20E-10	3.11E-10	1.50E-11	3.62E-10	7.99E-11	1.05E-10	1.67E-10	2.94E-11	1.63E-10	9.21E-10
273	487949.44	3856889.39	1.28E-06	1.26E-06	1.22E-06	4.42E-10	1.33E-09	7.72E-10	7.62E-10	6.91E-10	3.15E-10	3.06E-10	1.48E-11	3.56E-10	7.86E-11	1.03E-10	1.64E-10	2.89E-11	1.61E-10	9.07E-10
274	487999.44	3856889.39	1.30E-06	1.28E-06	1.24E-06	4.49E-10	1.36E-09	7.84E-10	7.74E-10	7.02E-10	3.20E-10	3.11E-10	1.50E-11	3.62E-10	7.99E-11	1.05E-10	1.67E-10	2.94E-11	1.63E-10	9.21E-10
275	488049.44	3856889.39	1.31E-06	1.29E-06	1.25E-06	4.52E-10	1.37E-09	7.90E-10	7.80E-10	7.07E-10	3.23E-10	3.13E-10	1.51E-11	3.65E-10	8.05E-11	1.06E-10	1.68E-10	2.96E-11	1.64E-10	9.28E-10
276	488099.44	3856889.39	1.32E-06	1.31E-06	1.27E-06	4.58E-10	1.38E-09	8.01E-10	7.91E-10	7.17E-10	3.27E-10	3.18E-10	1.53E-11	3.70E-10	8.16E-11	1.07E-10	1.70E-10	3.00E-11	1.67E-10	9.41E-10
277	488635.86	3857895.05	8.51E-06	8.40E-06	8.16E-06	2.95E-09	8.90E-09	5.15E-09	5.08E-09	4.61E-09	2.10E-09	2.04E-09	9.84E-11	2.38E-09	5.24E-10	6.90E-10	1.09E-09	1.93E-10	1.07E-09	6.05E-09
278	489137.64	3857804.15	7.03E-06	6.94E-06	6.74E-06	2.43E-09	7.35E-09	4.25E-09	4.20E-09	3.81E-09	1.74E-09	1.69E-09	8.13E-11	1.96E-09	4.33E-10	5.70E-10	9.04E-10	1.59E-10	8.85E-10	5.00E-09
279	488617.32	3857859.41	6.90E-06	6.81E-06	6.62E-06	2.39E-09	7.22E-09	4.18E-09	4.12E-09	3.74E-09	1.71E-09	1.66E-09	7.98E-11	1.93E-09	4.25E-10	5.60E-10	8.88E-10	1.56E-10	8.69E-10	4.91E-09
280	488667.32	3857859.41	7.18E-06	7.09E-06	6.88E-06	2.49E-09	7.51E-09	4.34E-09	4.29E-09	3.89E-09	1.77E-09	1.72E-09	8.30E-11	2.01E-09	4.42E-10	5.82E-10	9.24E-10	1.63E-10	9.04E-10	5.10E-09
281	488717.32	3857859.41	7.42E-06	7.33E-06	7.12E-06	2.57E-09	7.76E-09	4.49E-09	4.43E-09	4.02E-09	1.83E-09	1.78E-09	8.58E-11	2.07E-09	4.57E-10	6.02E-10	9.55E-10	1.68E-10	9.35E-10	5.28E-09
282	488767.32	3857859.41	7.67E-06	7.57E-06	7.35E-06	2.65E-09	8.01E-09	4.64E-09	4.58E-09	4.15E-09	1.89E-09	1.84E-09	8.86E-11	2.14E-09	4.72E-10	6.22E-10	9.86E-10	1.74E-10	9.65E-10	5.45E-09
283	488617.32	3857909.41	9.17E-06	9.05E-06	8.79E-06	3.17E-09	9.58E-09	5.55E-09	5.47E-09	4.96E-09	2.26E-09	2.20E-09	1.06E-10	2.56E-09	5.65E-10	7.43E-10	1.18E-09	2.08E-10	1.15E-09	6.51E-09
284	488667.32	3857909.41	9.45E-06	9.33E-06	9.06E-06	3.27E-09	9.88E-09	5.72E-09	5.65E-09	5.12E-09	2.34E-09	2.27E-09	1.09E-10	2.64E-09	5.82E-10	7.66E-10	1.22E-09	2.14E-10	1.19E-09	6.72E-09
285	488717.32	3857909.41	9.64E-06	9.51E-06	9.24E-06	3.34E-09	1.01E-08	5.83E-09	5.76E-09	5.22E-09	2.38E-09	2.31E-09	1.11E-10	2.69E-09	5.94E-10	7.82E-10	1.24E-09	2.19E-10	1.21E-09	6.85E-09
286	488767.32	3857909.41	9.77E-06	9.64E-06	9.36E-06	3.38E-09	1.02E-08	5.91E-09	5.84E-09	5.29E-09	2.41E-09	2.34E-09	1.13E-10	2.73E-09	6.02E-10	7.92E-10	1.26E-09	2.22E-10	1.23E-09	6.94E-09
287	488417.32	3857959.41	1.10E-05	1.09E-05	1.06E-05	3.81E-09	1.15E-08	6.67E-09	6.58E-09	5.96E-09	2.72E-09	2.64E-09	1.27E-10	3.08E-09	6.79E-10	8.93E-10	1.42E-09	2.50E-10	1.39E-09	7.83E-09
288	488467.32	3857959.41	1.18E-05	1.16E-05	1.13E-05	4.07E-09	1.23E-08	7.11E-09	7.02E-09	6.36E-09	2.90E-09	2.82E-09	1.36E-10	3.28E-09	7.24E-10	9.53E-10	1.51E-09	2.66E-10	1.48E-09	8.35E-09
289	488517.32	3857959.41	1.24E-05	1.23E-05	1.19E-05	4.30E-09	1.30E-08	7.51E-09	7.41E-09	6.72E-09	3.07E-09	2.98E-09	1.44E-10	3.47E-09	7.65E-10	1.01E-09	1.60E-09	2.81E-10	1.56E-09	8.82E-09
290	488567.32	3857959.41	1.28E-05	1.26E-05	1.23E-05	4.44E-09	1.34E-08	7.75E-09	7.65E-09	6.94E-09	3.17E-09	3.07E-09	1.48E-10	3.58E-09	7.90E-10	1.04E-09	1.65E-09	2.90E-10	1.61E-09	9.11E-09
291	488617.32	3857959.41	1.30E-05	1.28E-05	1.24E-05	4.49E-09	1.36E-08	7.85E-09	7.75E-09	7.03E-09	3.21E-09	3.11E-09	1.50E-10	3.62E-09	8.00E-10	1.05E-09	1.67E-09	2.94E-10	1.63E-09	9.22E-09
292	488667.32	3857959.41	1.30E-05	1.28E-05	1.24E-05	4.49E-09	1.36E-08	7.85E-09	7.75E-09	7.03E-09	3.21E-09	3.11E-09	1.50E-10	3.62E-09	8.00E-10	1.05E-09	1.67E-09	2.94E-10	1.63E-09	9.22E-09
293	488717.32	3857959.41	1.29E-05	1.27E-05	1.23E-05	4.46E-09	1.35E-08	7.79E-09	7.69E-09	6.97E-09	3.18E-09	3.09E-09	1.49E-10	3.60E-09	7.93E-10	1.04E-09	1.66E-09	2.92E-10	1.62E-09	9.15E-09
294	488767.32	3857959.41	1.27E-05	1.25E-05	1.22E-05	4.40E-09	1.33E-08	7.69E-09	7.59E-09	6.88E-09	3.14E-09	3.05E-09	1.47E-10	3.55E-09	7.83E-10	1.03E-09	1.64E-09	2.88E-10	1.60E-09	9.04E-09
295	488417.32	3858009.41	2.08E-05	2.06E-05	2.00E-05	7.22E-09	2.18E-08	1.26E-08	1.24E-08	1.13E-08	5.15E-09	5.00E-09	2.41E-10	5.82E-09	1.28E-09	1.69E-09	2.68E-09	4.73E-10	2.62E-09	1.48E-08
296	488467.32	3858009.41	2.12E-05	2.09E-05	2.03E-05	7.34E-09	2.22E-08	1.28E-08	1.27E-08	1.15E-08	5.24E-09	5.09E-09	2.45E-10	5.92E-09	1.31E-09	1.72E-09	2.73E-09	4.81E-10	2.67E-09	1.51E-08
297	488517.32	3858009.41	2.07E-05	2.05E-05	1.99E-05	7.18E-09	2.17E-08	1.25E-08	1.24E-08	1.12E-08	5.12E-09	4.97E-09	2.40E-10	5.79E-09	1.28E-09	1.68E-09	2.67E-09	4.70E-10	2.61E-09	1.47E-08
298	488567.32	3858009.41	1.99E-05	1.97E-05	1.91E-05	6.90E-09	2.08E-08	1.21E-08	1.19E-08	1.08E-08	4.92E-09	4.78E-09	2.30E-10	5.56E-09	1.23E-09	1.62E-09	2.56E-09	4.52E-10	2.51E-09	1.42E-08
299	488617.32	3858009.41	1.90E-05	1.88E-05	1.82E-05	6.59E-09	1.99E-08	1.15E-08	1.14E-08	1.03E-08	4.70E-09	4.57E-09	2.20E-10	5.31E-09	1.17E-09	1.54E-09	2.45E-09	4.31E-10	2.40E-09	1.35E-08
300	488667.32	3858009.41	1.82E-05	1.79E-05	1.74E-05	6.28E-09	1.90E-08	1.10E-08	1.08E-08	9.83E-09	4.48E-09	4.35E-09	2.10E-10	5.07E-09	1.12E-09	1.47E-09	2.33E-09	4.11E-10	2.28E-09	1.29E-08
301	488717.32	3858009.41	1.73E-05	1.71E-05	1.66E-05	5.99E-09	1.81E-08	1.05E-08	1.03E-08	9.37E-09	4.28E-09	4.15E-09	2.00E-10	4.83E-09	1.07E-09	1.40E-09	2.23E-09	3.92E-10	2.18E-09	1.23E-08
302	488767.32	3858009.41	1.66E-05	1.63E-05	1.59E-05	5.73E-09	1.73E-08	1.00E-08	9.89E-09	8.96E-09	4.09E-09	3.97E-09	1.91E-10	4.62E-09	1.02E-09	1.34E-09	2.13E-09	3.75E-10	2.08E-09	1.18E-08
303	488417.32	3858059.41	4.91E-05	4.84E-05	4.70E-05	1.70E-08	5.13E-08	2.97E-08	2.93E-08	2.66E-08	1.21E-08	1.18E-08	5.67E-10	1.37E-08	3.02E-09	3.98E-09	6.31E-09	1.11E-09	6.18E-09	3.49E-08
304	488467.32	3858059.41	4.05E-05	3.99E-05	3.88E-05	1.40E-08	4.23E-08	2.45E-08	2.42E-08	2.19E-08	9.99E-09	9.70E-09	4.68E-10	1.13E-08	2.49E-09	3.28E-09	5.20E-09	9.17E-10	5.09E-09	2.87E-08
305	488517.32	3858059.41	3.46E-05	3.41E-05	3.31E-05	1.20E-08	3.62E-08	2.09E-08	2.07E-08	1.87E-08	8.54E-09	8.30E-09	4.00E-10	9.66E-09	2.13E-09	2.80E-09	4.45E-09	7.84E-10	4.35E-09	2.46E-08
306	488567.32	3858059.41	3.03E-05	2.99E-05	2.91E-05	1.05E-08	3.17E-08	1.83E-08	1.81E-08	1.64E-08	7.49E-09	7.27E-09	3.50E-10	8.46E-09	1.87E-09	2.46E-09	3.90E-09	6.87E-10	3.82E-09	2.15E-08
307	488617.32	3858059.41	2.71E-05	2.67E-05	2.60E-05	9.38E-09	2.83E-08	1.64E-08	1.62E-08	1.47E-08	6.69E-09	6.50E-09	3.13E-10	7.57E-09	1.67E-09	2.20E-09	3.49E-09	6.14E-10	3.41E-09	1.93E-08
308	488667.32	3858059.41	2.46E-05	2.43E-05	2.36E-05	8.53E-09	2.57E-08	1.49E-08	1.47E-08	1.33E-08	6.08E-09	5.91E-09	2.85E-10	6.88E-09	1.52E-09	2.00E-09	3.17E-09	5.58E-10	3.10E-09	1.75E-08
309	488417.32	3858109.41	8.92E-05	8.80E-05	8.55E-05	3.09E-08	9.32E-08	5.40E-08	5.33E-08	4.83E-08	2.20E-08	2.14E-08	1.03E-09	2.49E-08	5.49E-09	7.23E-09	1.15E-08	2.02E-09	1.12E-08	6.34E-08
310	488467.32	3858109.41	6.47E-05	6.38E-05	6.20E-05	2.24E-08	6.76E-08	3.91E-08	3.86E-08	3.50E-08	1.60E-08	1.55E-08	7.48E-10	1.81E-08	3.99E-09	5.25E-09	8.32E-09	1.47E-09	8.14E-09	4.60E-08
311	488517.32	3858109.41	5.07E-05	5.01E-05	4.86E-05	1.76E-08	5.30E-08	3.07E-08	3.03E-08	2.75E-08	1.25E-08	1.22E-08	5.87E-10	1.42E-08	3.13E-09	4.11E-09	6.53E-09	1.15E-09	6.39E-09	3.61E-08

312	488567.32	3858109.41	4.20E-05	4.14E-05	4.02E-05	1.45E-08	4.39E-08	2.54E-08	2.51E-08	2.27E-08	1.04E-08	1.01E-08	4.85E-10	1.17E-08	2.59E-09	3.40E-09	5.40E-09	9.52E-10	5.28E-09	2.98E-08
313	488617.32	3858109.41	3.59E-05	3.54E-05	3.44E-05	1.24E-08	3.75E-08	2.17E-08	2.14E-08	1.94E-08	8.86E-09	8.61E-09	4.15E-10	1.00E-08	2.21E-09	2.91E-09	4.62E-09	8.13E-10	4.52E-09	2.55E-08
314	488667.32	3858109.41	3.16E-05	3.11E-05	3.02E-05	1.09E-08	3.30E-08	1.91E-08	1.88E-08	1.71E-08	7.79E-09	7.57E-09	3.65E-10	8.81E-09	1.94E-09	2.56E-09	4.06E-09	7.15E-10	3.97E-09	2.24E-08
315	488769.93	3858449.27	9.65E-05	9.53E-05	9.25E-05	3.34E-08	1.01E-07	5.84E-08	5.76E-08	5.23E-08	2.38E-08	2.32E-08	1.12E-09	2.70E-08	5.95E-09	7.83E-09	1.24E-08	2.19E-09	1.22E-08	6.86E-08
316	488819.93	3858449.27	7.04E-05	6.95E-05	6.75E-05	2.44E-08	7.36E-08	4.26E-08	4.20E-08	3.81E-08	1.74E-08	1.69E-08	8.14E-10	1.97E-08	4.34E-09	5.71E-09	9.05E-09	1.60E-09	8.86E-09	5.00E-08
317	488819.93	3858499.27	1.00E-04	9.91E-05	9.63E-05	3.48E-08	1.05E-07	6.08E-08	6.00E-08	5.44E-08	2.48E-08	2.41E-08	1.16E-09	2.80E-08	6.19E-09	8.14E-09	1.29E-08	2.28E-09	1.26E-08	7.14E-08
318	488869.93	3858499.27	7.27E-05	7.17E-05	6.97E-05	2.52E-08	7.60E-08	4.40E-08	4.34E-08	3.93E-08	1.80E-08	1.74E-08	8.40E-10	2.03E-08	4.48E-09	5.89E-09	9.35E-09	1.65E-09	9.15E-09	5.16E-08
319	488869.93	3858549.27	1.05E-04	1.03E-04	1.00E-04	3.63E-08	1.10E-07	6.34E-08	6.26E-08	5.67E-08	2.59E-08	2.51E-08	1.21E-09	2.93E-08	6.46E-09	8.50E-09	1.35E-08	2.38E-09	1.32E-08	7.45E-08
320	489438.17	3859571.48	1.78E-05	1.76E-05	1.71E-05	6.17E-09	1.86E-08	1.08E-08	1.06E-08	9.65E-09	4.40E-09	4.28E-09	2.06E-10	4.98E-09	1.10E-09	1.45E-09	2.29E-09	4.04E-10	2.24E-09	1.27E-08
321	489488.17	3859571.48	1.60E-05	1.58E-05	1.54E-05	5.55E-09	1.67E-08	9.69E-09	9.57E-09	8.67E-09	3.96E-09	3.84E-09	1.85E-10	4.47E-09	9.87E-10	1.30E-09	2.06E-09	3.63E-10	2.02E-09	1.14E-08
322	489538.17	3859571.48	1.46E-05	1.44E-05	1.40E-05	5.07E-09	1.53E-08	8.86E-09	8.74E-09	7.93E-09	3.62E-09	3.51E-09	1.69E-10	4.09E-09	9.02E-10	1.19E-09	1.88E-09	3.32E-10	1.84E-09	1.04E-08
323	489588.17	3859571.48	1.35E-05	1.34E-05	1.30E-05	4.69E-09	1.42E-08	8.20E-09	8.09E-09	7.33E-09	3.35E-09	3.25E-09	1.57E-10	3.78E-09	8.35E-10	1.10E-09	1.74E-09	3.07E-10	1.71E-09	9.63E-09
324	489438.17	3859621.48	1.32E-05	1.30E-05	1.26E-05	4.56E-09	1.38E-08	7.97E-09	7.87E-09	7.13E-09	3.26E-09	3.16E-09	1.52E-10	3.68E-09	8.12E-10	1.07E-09	1.70E-09	2.99E-10	1.66E-09	9.37E-09
325	489488.17	3859621.48	1.24E-05	1.23E-05	1.19E-05	4.30E-09	1.30E-08	7.52E-09	7.42E-09	6.73E-09	3.07E-09	2.98E-09	1.44E-10	3.47E-09	7.66E-10	1.01E-09	1.60E-09	2.82E-10	1.56E-09	8.83E-09
326	489538.17	3859621.48	1.18E-05	1.16E-05	1.13E-05	4.08E-09	1.23E-08	7.12E-09	7.03E-09	6.37E-09	2.91E-09	2.82E-09	1.36E-10	3.29E-09	7.25E-10	9.55E-10	1.51E-09	2.67E-10	1.48E-09	8.37E-09
327	489588.17	3859621.48	1.12E-05	1.11E-05	1.07E-05	3.88E-09	1.17E-08	6.78E-09	6.70E-09	6.07E-09	2.77E-09	2.69E-09	1.30E-10	3.13E-09	6.91E-10	9.09E-10	1.44E-09	2.54E-10	1.41E-09	7.97E-09
328	489238.17	3859671.48	1.73E-05	1.71E-05	1.66E-05	5.98E-09	1.81E-08	1.05E-08	1.03E-08	9.35E-09	4.27E-09	4.14E-09	2.00E-10	4.82E-09	1.06E-09	1.40E-09	2.22E-09	3.92E-10	2.17E-09	1.23E-08
329	489288.17	3859671.48	1.34E-05	1.33E-05	1.29E-05	4.65E-09	1.41E-08	8.14E-09	8.03E-09	7.28E-09	3.32E-09	3.23E-09	1.55E-10	3.75E-09	8.28E-10	1.09E-09	1.73E-09	3.05E-10	1.69E-09	9.56E-09
330	489338.17	3859671.48	1.19E-05	1.17E-05	1.14E-05	4.11E-09	1.24E-08	7.18E-09	7.09E-09	6.42E-09	2.93E-09	2.85E-09	1.37E-10	3.31E-09	7.31E-10	9.62E-10	1.53E-09	2.69E-10	1.49E-09	8.43E-09
331	489388.17	3859671.48	1.10E-05	1.09E-05	1.06E-05	3.81E-09	1.15E-08	6.67E-09	6.58E-09	5.96E-09	2.72E-09	2.64E-09	1.27E-10	3.08E-09	6.79E-10	8.93E-10	1.42E-09	2.50E-10	1.39E-09	7.83E-09
332	489438.17	3859671.48	1.04E-05	1.03E-05	1.00E-05	3.62E-09	1.09E-08	6.32E-09	6.24E-09	5.66E-09	2.58E-09	2.51E-09	1.21E-10	2.92E-09	6.44E-10	8.47E-10	1.34E-09	2.37E-10	1.32E-09	7.42E-09
333	489488.17	3859671.48	1.01E-05	9.92E-06	9.63E-06	3.48E-09	1.05E-08	6.08E-09	6.00E-09	5.44E-09	2.48E-09	2.41E-09	1.16E-10	2.81E-09	6.19E-10	8.15E-10	1.29E-09	2.28E-10	1.27E-09	7.14E-09
334	489538.17	3859671.48	9.71E-06	9.58E-06	9.31E-06	3.36E-09	1.01E-08	5.87E-09	5.80E-09	5.26E-09	2.40E-09	2.33E-09	1.12E-10	2.71E-09	5.98E-10	7.87E-10	1.25E-09	2.20E-10	1.22E-09	6.90E-09
335	489588.17	3859671.48	9.41E-06	9.28E-06	9.01E-06	3.26E-09	9.83E-09	5.69E-09	5.62E-09	5.09E-09	2.32E-09	2.26E-09	1.09E-10	2.63E-09	5.80E-10	7.63E-10	1.21E-09	2.13E-10	1.18E-09	6.68E-09
336	489238.17	3859721.48	1.59E-05	1.57E-05	1.53E-05	5.52E-09	1.67E-08	9.65E-09	9.52E-09	8.63E-09	3.94E-09	3.83E-09	1.84E-10	4.45E-09	9.83E-10	1.29E-09	2.05E-09	3.62E-10	2.01E-09	1.13E-08
337	489288.17	3859721.48	1.21E-05	1.19E-05	1.16E-05	4.18E-09	1.26E-08	7.31E-09	7.21E-09	6.54E-09	2.98E-09	2.90E-09	1.40E-10	3.37E-09	7.44E-10	9.79E-10	1.55E-09	2.74E-10	1.52E-09	8.58E-09
338	489338.17	3859721.48	1.04E-05	1.03E-05	9.96E-06	3.60E-09	1.09E-08	6.29E-09	6.21E-09	5.63E-09	2.57E-09	2.49E-09	1.20E-10	2.90E-09	6.40E-10	8.43E-10	1.34E-09	2.36E-10	1.31E-09	7.38E-09
339	489388.17	3859721.48	9.53E-06	9.40E-06	9.13E-06	3.30E-09	9.96E-09	5.76E-09	5.69E-09	5.16E-09	2.35E-09	2.29E-09	1.10E-10	2.66E-09	5.87E-10	7.72E-10	1.23E-09	2.16E-10	1.20E-09	6.77E-09
340	489438.17	3859721.48	8.97E-06	8.85E-06	8.60E-06	3.10E-09	9.37E-09	5.43E-09	5.36E-09	4.86E-09	2.22E-09	2.15E-09	1.04E-10	2.50E-09	5.53E-10	7.27E-10	1.15E-09	2.03E-10	1.13E-09	6.37E-09
341	489488.17	3859721.48	8.60E-06	8.48E-06	8.24E-06	2.98E-09	8.98E-09	5.20E-09	5.13E-09	4.65E-09	2.12E-09	2.06E-09	9.94E-11	2.40E-09	5.30E-10	6.97E-10	1.11E-09	1.95E-10	1.08E-09	6.11E-09
342	489538.17	3859721.48	8.32E-06	8.22E-06	7.98E-06	2.88E-09	8.70E-09	5.04E-09	4.97E-09	4.51E-09	2.06E-09	2.00E-09	9.62E-11	2.32E-09	5.13E-10	6.75E-10	1.07E-09	1.89E-10	1.05E-09	5.92E-09
343	489588.17	3859721.48	8.11E-06	8.01E-06	7.78E-06	2.81E-09	8.48E-09	4.91E-09	4.85E-09	4.39E-09	2.00E-09	1.95E-09	9.38E-11	2.27E-09	5.00E-10	6.58E-10	1.04E-09	1.84E-10	1.02E-09	5.77E-09
344	489238.17	3859771.48	1.51E-05	1.49E-05	1.45E-05	5.23E-09	1.58E-08	9.14E-09	9.02E-09	8.18E-09	3.73E-09	3.62E-09	1.75E-10	4.22E-09	9.30E-10	1.22E-09	1.94E-09	3.42E-10	1.90E-09	1.07E-08
345	489288.17	3859771.48	1.12E-05	1.11E-05	1.07E-05	3.88E-09	1.17E-08	6.78E-09	6.69E-09	6.07E-09	2.77E-09	2.69E-09	1.30E-10	3.13E-09	6.90E-10	9.09E-10	1.44E-09	2.54E-10	1.41E-09	7.96E-09
346	489338.17	3859771.48	9.49E-06	9.36E-06	9.09E-06	3.28E-09	9.92E-09	5.74E-09	5.67E-09	5.14E-09	2.34E-09	2.28E-09	1.10E-10	2.65E-09	5.85E-10	7.69E-10	1.22E-09	2.15E-10	1.19E-09	6.74E-09
347	489388.17	3859771.48	8.60E-06	8.49E-06	8.24E-06	2.98E-09	8.99E-09	5.20E-09	5.14E-09	4.66E-09	2.12E-09	2.06E-09	9.94E-11	2.40E-09	5.30E-10	6.97E-10	1.11E-09	1.95E-10	1.08E-09	6.11E-09
348	489438.17	3859771.48	8.06E-06	7.95E-06	7.72E-06	2.79E-09	8.42E-09	4.88E-09	4.81E-09	4.36E-09	1.99E-09	1.93E-09	9.32E-11	2.25E-09	4.97E-10	6.53E-10	1.04E-09	1.83E-10	1.01E-09	5.73E-09
349	489488.17	3859771.48	7.69E-06	7.59E-06	7.37E-06	2.66E-09	8.04E-09	4.66E-09	4.59E-09	4.16E-09	1.90E-09	1.85E-09	8.89E-11	2.15E-09	4.74E-10	6.24E-10	9.90E-10	1.74E-10	9.68E-10	5.47E-09
350	489538.17	3859771.48	7.41E-06	7.32E-06	7.10E-06	2.57E-09	7.75E-09	4.49E-09	4.43E-09	4.01E-09	1.83E-09	1.78E-09	8.57E-11	2.07E-09	4.57E-10	6.01E-10	9.53E-10	1.68E-10	9.33E-10	5.27E-09
351	489588.17	3859771.48	7.21E-06	7.11E-06	6.91E-06	2.50E-09	7.53E-09	4.36E-09	4.30E-09	3.90E-09	1.78E-09	1.73E-09	8.33E-11	2.01E-09	4.44E-10	5.84E-10	9.27E-10	1.63E-10	9.07E-10	5.12E-09
352	489238.17	3859821.48	1.45E-05	1.43E-05	1.39E-05	5.02E-09	1.52E-08	8.78E-09	8.66E-09	7.85E-09	3.58E-09	3.48E-09	1.68E-10	4.05E-09	8.94E-10	1.18E-09	1.87E-09	3.29E-10	1.83E-09	1.03E-08
353	489288.17	3859821.48	1.06E-05	1.05E-05	1.02E-05	3.67E-09	1.11E-08	6.41E-09	6.33E-09	5.74E-09	2.62E-09	2.54E-09	1.23E-10	2.96E-09	6.53E-10	8.59E-10	1.36E-09	2.40E-10	1.33E-09	7.53E-09
354	489338.17	3859821.48	8.88E-06	8.77E-06	8.51E-06	3.07E-09	9.28E-09	5.37E-09	5.30E-09	4.81E-09	2.19E-09	2.13E-09	1.03E-10	2.48E-09	5.47E-10	7.20E-10	1.14E-09	2.01E-10	1.12E-09	6.31E-09
355	489388.17	3859821.48	7.97E-06	7.86E-06	7.64E-06	2.76E-09	8.33E-09	4.82E-09	4.76E-09	4.31E-09	1.97E-09	1.91E-09	9.21E-11	2.22E-09	4.91E-10	6.46E-10	1.02E-09	1.81E-10	1.00E-09	5.66E-09
356	489438.17	3859821.48	7.43E-06	7.33E-06	7.12E-06	2.57E-09	7.76E-09	4.49E-09	4.43E-09	4.02E-09	1.83E-09	1.78E-09	8.58E-11	2.07E-09	4.57E-10	6.02E-10	9.55E-10	1.68E-10	9.35E-10	5.28E-09
357	489488.17	3859821.48	7.06E-06	6.96E-06	6.76E-06	2.44E-09	7.38E-09	4.27E-09	4.21E-09	3.82E-09	1.74E-09	1.69E-09	8.16E-11	1.97E-09	4.35E-10	5.72E-10	9.08E-10	1.60E-10	8.88E-10	5.01E-09
358	489538.17	3859821.48	6.78E-06	6.69E-06	6.50E-06	2.35E-09	7.09E-09	4.10E-09	4.05E-09	3.67E-09	1.67E-09	1.63E-09	7.84E-11	1.89E-09	4.18E-10	5.50E-10	8.72E-10	1.54E-10	8.53E-10	4.82E-09
359	489588.17	3859821.48	6.57E-06	6.48E-06	6.30E-06	2.27E-09	6.87E-09	3.98E-09	3.92E-09	3.56E-09	1.62E-09	1.58E-09	7.59E-11	1.83E-09	4.05E-10	5.33E-10	8.45E-10	1.49E-10	8.27E-10	4.67E-09
360	489238.17	3859871.48	1.40E-05	1.39E-05	1.35E-05	4.86E-09	1.47E-08	8.50E-09	8.39E-09	7.60E-09	3.47E-09	3.37E-09	1.62E-10	3.92E-09	8.65E-10	1.14E-09	1.81E-09	3.18E-10	1.77E-09	9.98E-09
361	489288.17	3859871.48	1.02E-05	1.00E-05	9.74E-06	3.52E-09	1.06E-08	6.15E-09	6.07E-09	5.50E-09	2.51E-09	2.44E-09	1.17E-10	2.84E-09	6.26E-10	8.24E-10	1.31E-09	2.30E-10	1.28E-09	7.22E-09
362	489338.17	3859871.48	8.43E-06	8.32E-06	8.08E-06	2.92E-09	8.81E-09	5.10E-09	5.04E-09	4.56E-09	2.08E-09	2.02E-09	9.75E-11	2.35E-09	5.20E-10	6.84E-10	1.08E-09	1.91E-10	1.06E-09	5.99E-09
363	489388.17	3859871.48	7.50E-06	7.40E-06	7.19E-06	2.60E-09	7.84E-09	4.54E-09	4.48E-09	4.06E-09	1.85E-09	1.80E-09	8.67E-11	2.09E-09	4.62E-10	6.08E-10	9.65E-10	1.70E-10	9.44E-10	5.33E-09
364	489438.17	3859871.48	6.93E-06	6.84E-06	6.64E-06	2.40E-09	7.24E-09	4.19E-09	4.14E-09	3.75E-09	1.71E-09	1.66E-09	8.01E-11	1.93E-09	4.27E-10	5.62E-10	8.91E-10	1.57E-10	8.72E-10	4.92E-09

365	489488.17	3859871.48	6.53E-06	6.44E-06	6.25E-06	2.26E-09	6.82E-09	3.95E-09	3.90E-09	3.53E-09	1.61E-09	1.57E-09	7.54E-11	1.82E-09	4.02E-10	5.29E-10	8.39E-10	1.48E-10	8.21E-10	4.64E-09
366	489538.17	3859871.48	6.28E-06	6.20E-06	6.02E-06	2.17E-09	6.57E-09	3.80E-09	3.75E-09	3.40E-09	1.55E-09	1.51E-09	7.26E-11	1.75E-09	3.87E-10	5.09E-10	8.08E-10	1.42E-10	7.91E-10	4.46E-09
367	489588.17	3859871.48	6.08E-06	6.00E-06	5.82E-06	2.10E-09	6.35E-09	3.68E-09	3.63E-09	3.29E-09	1.50E-09	1.46E-09	7.02E-11	1.70E-09	3.74E-10	4.93E-10	7.82E-10	1.38E-10	7.65E-10	4.32E-09
368	489238.17	3859921.48	1.36E-05	1.35E-05	1.31E-05	4.72E-09	1.43E-08	8.25E-09	8.14E-09	7.38E-09	3.37E-09	3.27E-09	1.58E-10	3.81E-09	8.40E-10	1.11E-09	1.75E-09	3.09E-10	1.72E-09	9.69E-09
369	489288.17	3859921.48	9.73E-06	9.60E-06	9.33E-06	3.37E-09	1.02E-08	5.89E-09	5.81E-09	5.27E-09	2.40E-09	2.33E-09	1.12E-10	2.72E-09	6.00E-10	7.89E-10	1.25E-09	2.21E-10	1.23E-09	6.92E-09
370	489338.17	3859921.48	8.04E-06	7.94E-06	7.71E-06	2.78E-09	8.41E-09	4.87E-09	4.80E-09	4.35E-09	1.99E-09	1.93E-09	9.30E-11	2.25E-09	4.95E-10	6.52E-10	1.03E-09	1.82E-10	1.01E-09	5.72E-09
371	489388.17	3859921.48	7.10E-06	7.01E-06	6.81E-06	2.46E-09	7.42E-09	4.30E-09	4.24E-09	3.85E-09	1.75E-09	1.70E-09	8.21E-11	1.98E-09	4.38E-10	5.76E-10	9.14E-10	1.61E-10	8.94E-10	5.05E-09
372	489438.17	3859921.48	6.48E-06	6.39E-06	6.21E-06	2.24E-09	6.77E-09	3.92E-09	3.87E-09	3.51E-09	1.60E-09	1.55E-09	7.49E-11	1.81E-09	3.99E-10	5.25E-10	8.33E-10	1.47E-10	8.15E-10	4.60E-09
373	489488.17	3859921.48	6.09E-06	6.01E-06	5.84E-06	2.11E-09	6.37E-09	3.69E-09	3.64E-09	3.30E-09	1.51E-09	1.46E-09	7.04E-11	1.70E-09	3.75E-10	4.94E-10	7.84E-10	1.38E-10	7.67E-10	4.33E-09
374	489538.17	3859921.48	5.85E-06	5.77E-06	5.61E-06	2.03E-09	6.12E-09	3.54E-09	3.49E-09	3.17E-09	1.45E-09	1.40E-09	6.76E-11	1.63E-09	3.60E-10	4.74E-10	7.53E-10	1.33E-10	7.37E-10	4.16E-09
375	489588.17	3859921.48	5.64E-06	5.56E-06	5.40E-06	1.95E-09	5.89E-09	3.41E-09	3.37E-09	3.05E-09	1.39E-09	1.35E-09	6.52E-11	1.57E-09	3.47E-10	4.57E-10	7.25E-10	1.28E-10	7.10E-10	4.01E-09
376	489238.17	3859971.48	1.33E-05	1.31E-05	1.27E-05	4.59E-09	1.39E-08	8.02E-09	7.92E-09	7.18E-09	3.27E-09	3.18E-09	1.53E-10	3.70E-09	8.17E-10	1.07E-09	1.70E-09	3.00E-10	1.67E-09	9.42E-09
377	489288.17	3859971.48	9.42E-06	9.30E-06	9.03E-06	3.26E-09	9.85E-09	5.70E-09	5.63E-09	5.10E-09	2.33E-09	2.26E-09	1.09E-10	2.63E-09	5.81E-10	7.64E-10	1.21E-09	2.14E-10	1.19E-09	6.70E-09
378	489338.17	3859971.48	7.70E-06	7.60E-06	7.38E-06	2.67E-09	8.05E-09	4.66E-09	4.60E-09	4.17E-09	1.90E-09	1.85E-09	8.90E-11	2.15E-09	4.74E-10	6.24E-10	9.91E-10	1.75E-10	9.69E-10	5.47E-09
379	489388.17	3859971.48	6.73E-06	6.64E-06	6.45E-06	2.33E-09	7.03E-09	4.07E-09	4.02E-09	3.64E-09	1.66E-09	1.61E-09	7.78E-11	1.88E-09	4.15E-10	5.46E-10	8.66E-10	1.53E-10	8.47E-10	4.78E-09
380	489438.17	3859971.48	6.02E-06	5.94E-06	5.77E-06	2.08E-09	6.29E-09	3.64E-09	3.60E-09	3.26E-09	1.49E-09	1.44E-09	6.96E-11	1.68E-09	3.71E-10	4.88E-10	7.74E-10	1.36E-10	7.58E-10	4.28E-09
381	489488.17	3859971.48	5.50E-06	5.42E-06	5.27E-06	1.90E-09	5.74E-09	3.33E-09	3.28E-09	2.98E-09	1.36E-09	1.32E-09	6.35E-11	1.53E-09	3.39E-10	4.46E-10	7.07E-10	1.25E-10	6.92E-10	3.91E-09
382	489538.17	3859971.48	5.20E-06	5.13E-06	4.98E-06	1.80E-09	5.43E-09	3.14E-09	3.10E-09	2.81E-09	1.28E-09	1.25E-09	6.01E-11	1.45E-09	3.20E-10	4.21E-10	6.69E-10	1.18E-10	6.54E-10	3.69E-09
383	489588.17	3859971.48	5.00E-06	4.93E-06	4.79E-06	1.73E-09	5.22E-09	3.02E-09	2.98E-09	2.70E-09	1.23E-09	1.20E-09	5.78E-11	1.40E-09	3.08E-10	4.05E-10	6.43E-10	1.13E-10	6.29E-10	3.55E-09
384	483577.7	3854071	2.38E-07	2.35E-07	2.28E-07	8.23E-11	2.49E-10	1.44E-10	1.42E-10	1.29E-10	5.88E-11	5.71E-11	2.75E-12	6.64E-11	1.47E-11	1.93E-11	3.06E-11	5.39E-12	2.99E-11	1.69E-10
385	483627.7	3854071	2.39E-07	2.36E-07	2.29E-07	8.28E-11	2.50E-10	1.45E-10	1.43E-10	1.29E-10	5.91E-11	5.74E-11	2.76E-12	6.68E-11	1.47E-11	1.94E-11	3.08E-11	5.42E-12	3.01E-11	1.70E-10
386	483677.7	3854071	2.40E-07	2.37E-07	2.30E-07	8.32E-11	2.51E-10	1.46E-10	1.44E-10	1.30E-10	5.94E-11	5.77E-11	2.78E-12	6.71E-11	1.48E-11	1.95E-11	3.09E-11	5.45E-12	3.03E-11	1.71E-10
387	483727.7	3854071	2.42E-07	2.39E-07	2.32E-07	8.38E-11	2.53E-10	1.46E-10	1.45E-10	1.31E-10	5.98E-11	5.81E-11	2.80E-12	6.76E-11	1.49E-11	1.96E-11	3.11E-11	5.49E-12	3.05E-11	1.72E-10
388	483777.7	3854071	2.43E-07	2.40E-07	2.33E-07	8.41E-11	2.54E-10	1.47E-10	1.45E-10	1.31E-10	6.00E-11	5.82E-11	2.81E-12	6.78E-11	1.50E-11	1.97E-11	3.12E-11	5.50E-12	3.06E-11	1.73E-10
389	483577.7	3854121	2.40E-07	2.36E-07	2.30E-07	8.29E-11	2.50E-10	1.45E-10	1.43E-10	1.30E-10	5.92E-11	5.75E-11	2.77E-12	6.69E-11	1.48E-11	1.94E-11	3.08E-11	5.43E-12	3.02E-11	1.70E-10
390	483627.7	3854121	2.40E-07	2.37E-07	2.30E-07	8.31E-11	2.51E-10	1.45E-10	1.43E-10	1.30E-10	5.93E-11	5.76E-11	2.77E-12	6.70E-11	1.48E-11	1.95E-11	3.09E-11	5.44E-12	3.02E-11	1.71E-10
391	483677.7	3854121	2.40E-07	2.37E-07	2.30E-07	8.31E-11	2.51E-10	1.45E-10	1.43E-10	1.30E-10	5.93E-11	5.76E-11	2.78E-12	6.70E-11	1.48E-11	1.95E-11	3.09E-11	5.44E-12	3.02E-11	1.71E-10
392	483727.7	3854121	2.40E-07	2.37E-07	2.30E-07	8.32E-11	2.51E-10	1.45E-10	1.43E-10	1.30E-10	5.93E-11	5.76E-11	2.78E-12	6.71E-11	1.48E-11	1.95E-11	3.09E-11	5.45E-12	3.02E-11	1.71E-10
393	483777.7	3854121	2.41E-07	2.38E-07	2.31E-07	8.35E-11	2.52E-10	1.46E-10	1.44E-10	1.31E-10	5.96E-11	5.79E-11	2.79E-12	6.74E-11	1.49E-11	1.96E-11	3.10E-11	5.47E-12	3.04E-11	1.71E-10
394	483577.7	3854171	2.40E-07	2.37E-07	2.30E-07	8.32E-11	2.51E-10	1.45E-10	1.44E-10	1.30E-10	5.94E-11	5.77E-11	2.78E-12	6.71E-11	1.48E-11	1.95E-11	3.09E-11	5.45E-12	3.03E-11	1.71E-10
395	483627.7	3854171	2.39E-07	2.36E-07	2.29E-07	8.29E-11	2.50E-10	1.45E-10	1.43E-10	1.30E-10	5.91E-11	5.74E-11	2.77E-12	6.69E-11	1.48E-11	1.94E-11	3.08E-11	5.43E-12	3.01E-11	1.70E-10
396	483677.7	3854171	2.39E-07	2.36E-07	2.29E-07	8.28E-11	2.50E-10	1.45E-10	1.43E-10	1.30E-10	5.91E-11	5.74E-11	2.77E-12	6.68E-11	1.47E-11	1.94E-11	3.08E-11	5.42E-12	3.01E-11	1.70E-10
397	483727.7	3854171	2.40E-07	2.37E-07	2.30E-07	8.30E-11	2.51E-10	1.45E-10	1.43E-10	1.30E-10	5.92E-11	5.75E-11	2.77E-12	6.70E-11	1.48E-11	1.94E-11	3.08E-11	5.44E-12	3.02E-11	1.70E-10
398	483777.7	3854171	2.40E-07	2.37E-07	2.30E-07	8.31E-11	2.51E-10	1.45E-10	1.43E-10	1.30E-10	5.93E-11	5.76E-11	2.78E-12	6.70E-11	1.48E-11	1.95E-11	3.09E-11	5.44E-12	3.02E-11	1.71E-10
399	483827.7	3854171	2.39E-07	2.35E-07	2.29E-07	8.26E-11	2.49E-10	1.44E-10	1.42E-10	1.29E-10	5.89E-11	5.72E-11	2.76E-12	6.66E-11	1.47E-11	1.93E-11	3.07E-11	5.41E-12	3.00E-11	1.70E-10
400	483877.7	3854171	2.39E-07	2.36E-07	2.29E-07	8.28E-11	2.50E-10	1.45E-10	1.43E-10	1.29E-10	5.90E-11	5.73E-11	2.76E-12	6.67E-11	1.47E-11	1.94E-11	3.07E-11	5.42E-12	3.01E-11	1.70E-10
401	483727.7	3854221	2.40E-07	2.37E-07	2.30E-07	8.31E-11	2.51E-10	1.45E-10	1.43E-10	1.30E-10	5.93E-11	5.76E-11	2.78E-12	6.70E-11	1.48E-11	1.95E-11	3.09E-11	5.44E-12	3.02E-11	1.71E-10
402	483777.7	3854221	2.39E-07	2.36E-07	2.29E-07	8.29E-11	2.50E-10	1.45E-10	1.43E-10	1.30E-10	5.91E-11	5.74E-11	2.77E-12	6.69E-11	1.48E-11	1.94E-11	3.08E-11	5.43E-12	3.01E-11	1.70E-10
403	483827.7	3854221	2.41E-07	2.38E-07	2.31E-07	8.34E-11	2.52E-10	1.46E-10	1.44E-10	1.30E-10	5.95E-11	5.78E-11	2.78E-12	6.73E-11	1.48E-11	1.95E-11	3.10E-11	5.46E-12	3.03E-11	1.71E-10
404	483877.7	3854221	2.40E-07	2.37E-07	2.30E-07	8.30E-11	2.51E-10	1.45E-10	1.43E-10	1.30E-10	5.92E-11	5.75E-11	2.77E-12	6.69E-11	1.48E-11	1.94E-11	3.08E-11	5.43E-12	3.02E-11	1.70E-10
405	489150.19	3858726.45	8.34E-05	8.24E-05	8.00E-05	2.89E-08	8.72E-08	5.05E-08	4.98E-08	4.52E-08	2.06E-08	2.00E-08	9.65E-10	2.33E-08	5.14E-09	6.77E-09	1.07E-08	1.89E-09	1.05E-08	5.93E-08
406	489200.19	3858726.45	1.08E-04	1.07E-04	1.04E-04	3.75E-08	1.13E-07	6.56E-08	6.48E-08	5.87E-08	2.68E-08	2.60E-08	1.25E-09	3.03E-08	6.68E-09	8.79E-09	1.39E-08	2.46E-09	1.37E-08	7.71E-08
407	489150.19	3858776.45	1.04E-04	1.03E-04	1.00E-04	3.61E-08	1.09E-07	6.31E-08	6.23E-08	5.65E-08	2.58E-08	2.50E-08	1.21E-09	2.91E-08	6.43E-09	8.46E-09	1.34E-08	2.36E-09	1.31E-08	7.41E-08
408	489200.19	3858776.45	1.08E-04	1.07E-04	1.04E-04	3.75E-08	1.13E-07	6.55E-08	6.46E-08	5.86E-08	2.67E-08	2.60E-08	1.25E-09	3.02E-08	6.67E-09	8.77E-09	1.39E-08	2.45E-09	1.36E-08	7.69E-08
409	488919.6	3856400.76	1.06E-06	1.04E-06	1.01E-06	3.66E-10	1.10E-09	6.39E-10	6.31E-10	5.72E-10	2.61E-10	2.53E-10	1.22E-11	2.95E-10	6.51E-11	8.57E-11	1.36E-10	2.39E-11	1.33E-10	7.51E-10
410	488919.6	3856450.76	1.10E-06	1.08E-06	1.05E-06	3.80E-10	1.15E-09	6.64E-10	6.56E-10	5.94E-10	2.71E-10	2.63E-10	1.27E-11	3.07E-10	6.76E-11	8.90E-11	1.41E-10	2.49E-11	1.38E-10	7.80E-10
411	488969.6	3856450.76	1.10E-06	1.09E-06	1.05E-06	3.81E-10	1.15E-09	6.66E-10	6.57E-10	5.95E-10	2.72E-10	2.64E-10	1.27E-11	3.07E-10	6.78E-11	8.92E-11	1.41E-10	2.49E-11	1.38E-10	7.82E-10
412	488919.6	3856500.76	1.14E-06	1.13E-06	1.09E-06	3.95E-10	1.19E-09	6.91E-10	6.82E-10	6.18E-10	2.82E-10	2.74E-10	1.32E-11	3.19E-10	7.03E-11	9.26E-11	1.47E-10	2.59E-11	1.44E-10	8.11E-10
413	488969.6	3856500.76	1.15E-06	1.13E-06	1.10E-06	3.97E-10	1.20E-09	6.94E-10	6.85E-10	6.21E-10	2.83E-10	2.75E-10	1.33E-11	3.20E-10	7.06E-11	9.30E-11	1.47E-10	2.60E-11	1.44E-10	8.15E-10
414	488919.6	3856550.76	1.19E-06	1.17E-06	1.14E-06	4.12E-10	1.24E-09	7.20E-10	7.11E-10	6.44E-10	2.94E-10	2.85E-10	1.38E-11	3.32E-10	7.33E-11	9.65E-11	1.53E-10	2.70E-11	1.50E-10	8.46E-10
415	488969.6	3856550.76	1.19E-06	1.18E-06	1.14E-06	4.13E-10	1.25E-09	7.22E-10	7.13E-10	6.46E-10	2.95E-10	2.86E-10	1.38E-11	3.33E-10	7.36E-11	9.68E-11	1.54E-10	2.71E-11	1.50E-10	8.48E-10
416	488819.6	3856600.76	1.22E-06	1.20E-06	1.17E-06	4.22E-10	1.28E-09	7.38E-10	7.29E-10	6.61E-10	3.01E-10	2.93E-10	1.41E-11	3.41E-10	7.52E-11	9.89E-11	1.57E-10	2.77E-11	1.54E-10	8.67E-10
417	488869.6	3856600.76	1.23E-06	1.21E-06	1.18E-06	4.26E-10	1.29E-09	7.44E-10	7.35E-10	6.66E-10	3.04E-10	2.95E-10	1.42E-11	3.43E-10	7.58E-11	9.97E-11	1.58E-10	2.79E-11	1.55E-10	8.74E-10

418	488919.6	3856600.76	1.24E-06	1.22E-06	1.19E-06	4.29E-10	1.29E-09	7.49E-10	7.40E-10	6.71E-10	3.06E-10	2.97E-10	1.43E-11	3.46E-10	7.63E-11	1.00E-10	1.59E-10	2.81E-11	1.56E-10	8.80E-10
419	488819.6	3856650.76	1.27E-06	1.25E-06	1.22E-06	4.39E-10	1.33E-09	7.68E-10	7.58E-10	6.87E-10	3.14E-10	3.04E-10	1.47E-11	3.54E-10	7.82E-11	1.03E-10	1.63E-10	2.88E-11	1.60E-10	9.02E-10
420	488869.6	3856650.76	1.28E-06	1.26E-06	1.23E-06	4.43E-10	1.34E-09	7.75E-10	7.65E-10	6.94E-10	3.16E-10	3.07E-10	1.48E-11	3.58E-10	7.89E-11	1.04E-10	1.65E-10	2.90E-11	1.61E-10	9.10E-10
421	488819.6	3856700.76	1.32E-06	1.30E-06	1.27E-06	4.57E-10	1.38E-09	8.00E-10	7.89E-10	7.15E-10	3.26E-10	3.17E-10	1.53E-11	3.69E-10	8.14E-11	1.07E-10	1.70E-10	3.00E-11	1.66E-10	9.39E-10
422	488869.6	3856700.76	1.33E-06	1.32E-06	1.28E-06	4.62E-10	1.39E-09	8.07E-10	7.97E-10	7.22E-10	3.30E-10	3.20E-10	1.54E-11	3.73E-10	8.22E-11	1.08E-10	1.72E-10	3.02E-11	1.68E-10	9.48E-10
423	488819.6	3856750.76	1.37E-06	1.36E-06	1.32E-06	4.76E-10	1.44E-09	8.31E-10	8.20E-10	7.44E-10	3.39E-10	3.30E-10	1.59E-11	3.84E-10	8.46E-11	1.11E-10	1.77E-10	3.11E-11	1.73E-10	9.76E-10
424	488869.6	3856750.76	1.39E-06	1.37E-06	1.33E-06	4.82E-10	1.45E-09	8.42E-10	8.31E-10	7.53E-10	3.44E-10	3.34E-10	1.61E-11	3.88E-10	8.57E-11	1.13E-10	1.79E-10	3.15E-11	1.75E-10	9.89E-10
425	488819.6	3857050.76	1.77E-06	1.75E-06	1.70E-06	6.14E-10	1.85E-09	1.07E-09	1.06E-09	9.60E-10	4.38E-10	4.26E-10	2.05E-11	4.95E-10	1.09E-10	1.44E-10	2.28E-10	4.02E-11	2.23E-10	1.26E-09
426	488869.6	3857050.76	1.80E-06	1.78E-06	1.73E-06	6.23E-10	1.88E-09	1.09E-09	1.08E-09	9.75E-10	4.45E-10	4.32E-10	2.08E-11	5.03E-10	1.11E-10	1.46E-10	2.32E-10	4.08E-11	2.27E-10	1.28E-09
427	488919.6	3857050.76	1.83E-06	1.80E-06	1.75E-06	6.32E-10	1.91E-09	1.11E-09	1.09E-09	9.89E-10	4.51E-10	4.38E-10	2.11E-11	5.10E-10	1.13E-10	1.48E-10	2.35E-10	4.14E-11	2.30E-10	1.30E-09
428	488819.6	3857100.76	1.86E-06	1.84E-06	1.78E-06	6.44E-10	1.94E-09	1.13E-09	1.11E-09	1.01E-09	4.60E-10	4.46E-10	2.15E-11	5.19E-10	1.15E-10	1.51E-10	2.39E-10	4.22E-11	2.34E-10	1.32E-09
429	488869.6	3857100.76	1.89E-06	1.87E-06	1.81E-06	6.54E-10	1.98E-09	1.14E-09	1.13E-09	1.02E-09	4.67E-10	4.53E-10	2.18E-11	5.28E-10	1.16E-10	1.53E-10	2.43E-10	4.28E-11	2.38E-10	1.34E-09
430	488919.6	3857100.76	1.92E-06	1.90E-06	1.84E-06	6.66E-10	2.01E-09	1.16E-09	1.15E-09	1.04E-09	4.75E-10	4.62E-10	2.22E-11	5.37E-10	1.19E-10	1.56E-10	2.48E-10	4.36E-11	2.42E-10	1.37E-09
431	488819.6	3857150.76	1.96E-06	1.93E-06	1.88E-06	6.77E-10	2.05E-09	1.18E-09	1.17E-09	1.06E-09	4.83E-10	4.69E-10	2.26E-11	5.46E-10	1.21E-10	1.59E-10	2.52E-10	4.44E-11	2.46E-10	1.39E-09
432	488869.6	3857150.76	1.99E-06	1.97E-06	1.91E-06	6.91E-10	2.09E-09	1.21E-09	1.19E-09	1.08E-09	4.93E-10	4.79E-10	2.31E-11	5.57E-10	1.23E-10	1.62E-10	2.57E-10	4.52E-11	2.51E-10	1.42E-09
433	488919.6	3857150.76	2.03E-06	2.00E-06	1.95E-06	7.03E-10	2.12E-09	1.23E-09	1.21E-09	1.10E-09	5.02E-10	4.87E-10	2.35E-11	5.67E-10	1.25E-10	1.65E-10	2.61E-10	4.60E-11	2.56E-10	1.44E-09
434	488969.6	3857150.76	2.06E-06	2.03E-06	1.97E-06	7.13E-10	2.15E-09	1.25E-09	1.23E-09	1.11E-09	5.09E-10	4.94E-10	2.38E-11	5.75E-10	1.27E-10	1.67E-10	2.65E-10	4.67E-11	2.59E-10	1.46E-09
435	488819.6	3857200.76	2.07E-06	2.04E-06	1.98E-06	7.16E-10	2.16E-09	1.25E-09	1.23E-09	1.12E-09	5.11E-10	4.96E-10	2.39E-11	5.77E-10	1.27E-10	1.68E-10	2.66E-10	4.69E-11	2.60E-10	1.47E-09
436	488869.6	3857200.76	2.11E-06	2.08E-06	2.02E-06	7.31E-10	2.21E-09	1.28E-09	1.26E-09	1.14E-09	5.21E-10	5.06E-10	2.44E-11	5.89E-10	1.30E-10	1.71E-10	2.71E-10	4.78E-11	2.66E-10	1.50E-09
437	488919.6	3857200.76	2.15E-06	2.12E-06	2.06E-06	7.44E-10	2.25E-09	1.30E-09	1.28E-09	1.16E-09	5.31E-10	5.15E-10	2.48E-11	6.00E-10	1.32E-10	1.74E-10	2.76E-10	4.87E-11	2.71E-10	1.53E-09
438	488969.6	3857200.76	2.18E-06	2.15E-06	2.09E-06	7.54E-10	2.28E-09	1.32E-09	1.30E-09	1.18E-09	5.38E-10	5.23E-10	2.52E-11	6.08E-10	1.34E-10	1.77E-10	2.80E-10	4.94E-11	2.74E-10	1.55E-09
439	488819.6	3857250.76	2.19E-06	2.16E-06	2.10E-06	7.58E-10	2.29E-09	1.32E-09	1.31E-09	1.19E-09	5.41E-10	5.25E-10	2.53E-11	6.11E-10	1.35E-10	1.78E-10	2.82E-10	4.96E-11	2.76E-10	1.56E-09
440	488869.6	3857250.76	2.23E-06	2.21E-06	2.14E-06	7.73E-10	2.34E-09	1.35E-09	1.33E-09	1.21E-09	5.52E-10	5.36E-10	2.58E-11	6.24E-10	1.38E-10	1.81E-10	2.87E-10	5.06E-11	2.81E-10	1.59E-09
441	488919.6	3857250.76	2.28E-06	2.25E-06	2.18E-06	7.88E-10	2.38E-09	1.38E-09	1.36E-09	1.23E-09	5.62E-10	5.46E-10	2.63E-11	6.36E-10	1.40E-10	1.85E-10	2.93E-10	5.16E-11	2.87E-10	1.62E-09
442	488969.6	3857250.76	2.31E-06	2.28E-06	2.21E-06	8.00E-10	2.41E-09	1.40E-09	1.38E-09	1.25E-09	5.71E-10	5.54E-10	2.67E-11	6.45E-10	1.42E-10	1.87E-10	2.97E-10	5.24E-11	2.91E-10	1.64E-09
443	488819.6	3857300.76	2.33E-06	2.30E-06	2.23E-06	8.05E-10	2.43E-09	1.41E-09	1.39E-09	1.26E-09	5.74E-10	5.58E-10	2.69E-11	6.49E-10	1.43E-10	1.89E-10	2.99E-10	5.27E-11	2.93E-10	1.65E-09
444	488869.6	3857300.76	2.37E-06	2.34E-06	2.27E-06	8.21E-10	2.48E-09	1.44E-09	1.42E-09	1.28E-09	5.86E-10	5.69E-10	2.74E-11	6.62E-10	1.46E-10	1.92E-10	3.05E-10	5.38E-11	2.99E-10	1.69E-09
445	488919.6	3857300.76	2.42E-06	2.39E-06	2.32E-06	8.37E-10	2.53E-09	1.46E-09	1.44E-09	1.31E-09	5.97E-10	5.80E-10	2.79E-11	6.75E-10	1.49E-10	1.96E-10	3.11E-10	5.48E-11	3.04E-10	1.72E-09
446	488819.6	3857450.76	2.83E-06	2.80E-06	2.71E-06	9.80E-10	2.96E-09	1.71E-09	1.69E-09	1.53E-09	7.00E-10	6.79E-10	3.27E-11	7.91E-10	1.74E-10	2.30E-10	3.64E-10	6.42E-11	3.57E-10	2.01E-09
447	488869.6	3857450.76	2.88E-06	2.84E-06	2.76E-06	9.96E-10	3.01E-09	1.74E-09	1.72E-09	1.56E-09	7.11E-10	6.90E-10	3.33E-11	8.04E-10	1.77E-10	2.33E-10	3.70E-10	6.52E-11	3.62E-10	2.05E-09
448	488919.6	3857450.76	2.93E-06	2.89E-06	2.81E-06	1.01E-09	3.06E-09	1.77E-09	1.75E-09	1.59E-09	7.24E-10	7.03E-10	3.39E-11	8.18E-10	1.81E-10	2.38E-10	3.77E-10	6.64E-11	3.69E-10	2.08E-09
449	488819.6	3857500.76	3.04E-06	3.00E-06	2.91E-06	1.05E-09	3.17E-09	1.84E-09	1.81E-09	1.64E-09	7.50E-10	7.28E-10	3.51E-11	8.48E-10	1.87E-10	2.46E-10	3.91E-10	6.88E-11	3.82E-10	2.16E-09
450	488869.6	3857500.76	3.09E-06	3.05E-06	2.96E-06	1.07E-09	3.23E-09	1.87E-09	1.85E-09	1.67E-09	7.64E-10	7.41E-10	3.57E-11	8.63E-10	1.90E-10	2.51E-10	3.98E-10	7.01E-11	3.89E-10	2.20E-09
451	488919.6	3857500.76	3.15E-06	3.11E-06	3.02E-06	1.09E-09	3.29E-09	1.91E-09	1.88E-09	1.71E-09	7.78E-10	7.56E-10	3.64E-11	8.80E-10	1.94E-10	2.55E-10	4.05E-10	7.14E-11	3.97E-10	2.24E-09
452	488819.6	3857550.76	3.28E-06	3.23E-06	3.14E-06	1.13E-09	3.43E-09	1.98E-09	1.96E-09	1.77E-09	8.10E-10	7.86E-10	3.79E-11	9.15E-10	2.02E-10	2.66E-10	4.22E-10	7.43E-11	4.13E-10	2.33E-09
453	488869.6	3857550.76	3.34E-06	3.30E-06	3.20E-06	1.16E-09	3.49E-09	2.02E-09	1.99E-09	1.81E-09	8.25E-10	8.01E-10	3.86E-11	9.33E-10	2.06E-10	2.71E-10	4.30E-10	7.57E-11	4.20E-10	2.37E-09
454	488919.6	3857550.76	3.42E-06	3.37E-06	3.27E-06	1.18E-09	3.57E-09	2.07E-09	2.04E-09	1.85E-09	8.44E-10	8.19E-10	3.95E-11	9.54E-10	2.10E-10	2.77E-10	4.39E-10	7.74E-11	4.30E-10	2.43E-09
455	489663.71	3860900.05	3.02E-06	2.98E-06	2.89E-06	1.04E-09	3.15E-09	1.82E-09	1.80E-09	1.63E-09	7.45E-10	7.23E-10	3.49E-11	8.42E-10	1.86E-10	2.45E-10	3.88E-10	6.84E-11	3.80E-10	2.14E-09
456	489813.71	3860900.05	2.68E-06	2.64E-06	2.57E-06	9.27E-10	2.80E-09	1.62E-09	1.60E-09	1.45E-09	6.61E-10	6.42E-10	3.10E-11	7.48E-10	1.65E-10	2.17E-10	3.44E-10	6.07E-11	3.37E-10	1.90E-09
457	489863.71	3860900.05	2.59E-06	2.55E-06	2.48E-06	8.95E-10	2.70E-09	1.56E-09	1.54E-09	1.40E-09	6.39E-10	6.20E-10	2.99E-11	7.22E-10	1.59E-10	2.10E-10	3.33E-10	5.86E-11	3.25E-10	1.84E-09
458	489913.71	3860900.05	2.52E-06	2.48E-06	2.41E-06	8.71E-10	2.63E-09	1.52E-09	1.50E-09	1.36E-09	6.22E-10	6.04E-10	2.91E-11	7.03E-10	1.55E-10	2.04E-10	3.24E-10	5.70E-11	3.17E-10	1.79E-09
459	489963.71	3860900.05	2.45E-06	2.41E-06	2.34E-06	8.46E-10	2.56E-09	1.48E-09	1.46E-09	1.32E-09	6.04E-10	5.86E-10	2.83E-11	6.83E-10	1.51E-10	1.98E-10	3.14E-10	5.54E-11	3.08E-10	1.74E-09
460	490013.71	3860900.05	2.39E-06	2.36E-06	2.29E-06	8.28E-10	2.50E-09	1.45E-09	1.43E-09	1.30E-09	5.91E-10	5.74E-10	2.77E-11	6.68E-10	1.47E-10	1.94E-10	3.08E-10	5.42E-11	3.01E-10	1.70E-09
461	490063.71	3860900.05	2.34E-06	2.31E-06	2.25E-06	8.11E-10	2.45E-09	1.42E-09	1.40E-09	1.27E-09	5.79E-10	5.62E-10	2.71E-11	6.54E-10	1.44E-10	1.90E-10	3.01E-10	5.31E-11	2.95E-10	1.67E-09
462	489663.71	3860950.05	2.98E-06	2.94E-06	2.85E-06	1.03E-09	3.11E-09	1.80E-09	1.78E-09	1.61E-09	7.35E-10	7.14E-10	3.44E-11	8.31E-10	1.83E-10	2.41E-10	3.83E-10	6.75E-11	3.75E-10	2.12E-09
463	489813.71	3860950.05	2.64E-06	2.60E-06	2.53E-06	9.13E-10	2.76E-09	1.60E-09	1.57E-09	1.43E-09	6.51E-10	6.32E-10	3.05E-11	7.36E-10	1.62E-10	2.14E-10	3.39E-10	5.98E-11	3.32E-10	1.87E-09
464	489863.71	3860950.05	2.54E-06	2.51E-06	2.44E-06	8.80E-10	2.66E-09	1.54E-09	1.52E-09	1.38E-09	6.28E-10	6.10E-10	2.94E-11	7.10E-10	1.57E-10	2.06E-10	3.27E-10	5.76E-11	3.20E-10	1.81E-09
465	489913.71	3860950.05	2.47E-06	2.44E-06	2.37E-06	8.55E-10	2.58E-09	1.49E-09	1.47E-09	1.34E-09	6.10E-10	5.92E-10	2.85E-11	6.90E-10	1.52E-10	2.00E-10	3.18E-10	5.60E-11	3.11E-10	1.76E-09
466	489963.71	3860950.05	2.40E-06	2.37E-06	2.30E-06	8.31E-10	2.51E-09	1.45E-09	1.43E-09	1.30E-09	5.93E-10	5.76E-10	2.77E-11	6.70E-10	1.48E-10	1.95E-10	3.09E-10	5.44E-11	3.02E-10	1.71E-09
467	490013.71	3860950.05	2.34E-06	2.31E-06	2.25E-06	8.11E-10	2.45E-09	1.42E-09	1.40E-09	1.27E-09	5.79E-10	5.62E-10	2.71E-11	6.54E-10	1.44E-10	1.90E-10	3.01E-10	5.31E-11	2.95E-10	1.67E-09
468	490063.71	3860950.05	2.29E-06	2.26E-06	2.20E-06	7.94E-10	2.40E-09	1.39E-09	1.37E-09	1.24E-09	5.67E-10	5.50E-10	2.65E-11	6.41E-10	1.41E-10	1.86E-10	2.95E-10	5.20E-11	2.89E-10	1.63E-09
469	489513.71	3861000.05	3.55E-06	3.50E-06	3.40E-06	1.23E-09	3.71E-09	2.15E-09	2.12E-09	1.92E-09	8.76E-10	8.51E-10	4.10E-11	9.90E-10	2.19E-10	2.88E-10	4.56E-10	8.04E-11	4.47E-10	2.52E-09
470	489563.71	3861000.05	3.29E-06	3.25E-06	3.16E-06	1.14E-09	3.44E-09	1.99E-09	1.97E-09	1.78E-09	8.13E-10	7.90E-10	3.81E-11	9.19E-10	2.03E-10	2.67E-10	4.24E-10	7.46E-11	4.15E-10	2.34E-09

471	489613.71	3861000.05	3.10E-06	3.06E-06	2.97E-06	1.07E-09	3.24E-09	1.88E-09	1.85E-09	1.68E-09	7.66E-10	7.44E-10	3.59E-11	8.66E-10	1.91E-10	2.52E-10	3.99E-10	7.03E-11	3.91E-10	2.20E-09
472	489663.71	3861000.05	2.94E-06	2.91E-06	2.82E-06	1.02E-09	3.08E-09	1.78E-09	1.76E-09	1.59E-09	7.27E-10	7.06E-10	3.40E-11	8.22E-10	1.81E-10	2.39E-10	3.79E-10	6.67E-11	3.71E-10	2.09E-09
473	489713.71	3861000.05	2.81E-06	2.77E-06	2.69E-06	9.72E-10	2.93E-09	1.70E-09	1.68E-09	1.52E-09	6.93E-10	6.73E-10	3.24E-11	7.84E-10	1.73E-10	2.28E-10	3.61E-10	6.36E-11	3.53E-10	1.99E-09
474	489763.71	3861000.05	2.69E-06	2.66E-06	2.58E-06	9.32E-10	2.81E-09	1.63E-09	1.61E-09	1.46E-09	6.65E-10	6.46E-10	3.11E-11	7.52E-10	1.66E-10	2.18E-10	3.46E-10	6.10E-11	3.39E-10	1.91E-09
475	489813.71	3861000.05	2.60E-06	2.57E-06	2.49E-06	9.00E-10	2.72E-09	1.57E-09	1.55E-09	1.41E-09	6.42E-10	6.24E-10	3.01E-11	7.26E-10	1.60E-10	2.11E-10	3.34E-10	5.89E-11	3.27E-10	1.85E-09
476	489863.71	3861000.05	2.51E-06	2.47E-06	2.40E-06	8.67E-10	2.62E-09	1.52E-09	1.50E-09	1.36E-09	6.19E-10	6.01E-10	2.90E-11	7.00E-10	1.54E-10	2.03E-10	3.22E-10	5.68E-11	3.15E-10	1.78E-09
477	489913.71	3861000.05	2.43E-06	2.40E-06	2.33E-06	8.42E-10	2.54E-09	1.47E-09	1.45E-09	1.32E-09	6.01E-10	5.83E-10	2.81E-11	6.79E-10	1.50E-10	1.97E-10	3.13E-10	5.51E-11	3.06E-10	1.73E-09
478	489963.71	3861000.05	2.36E-06	2.33E-06	2.26E-06	8.16E-10	2.47E-09	1.43E-09	1.41E-09	1.28E-09	5.83E-10	5.66E-10	2.73E-11	6.59E-10	1.45E-10	1.91E-10	3.03E-10	5.35E-11	2.97E-10	1.68E-09
479	490013.71	3861000.05	2.30E-06	2.27E-06	2.20E-06	7.96E-10	2.40E-09	1.39E-09	1.37E-09	1.25E-09	5.68E-10	5.52E-10	2.66E-11	6.42E-10	1.42E-10	1.87E-10	2.96E-10	5.21E-11	2.90E-10	1.63E-09
480	490063.71	3861000.05	2.25E-06	2.22E-06	2.16E-06	7.78E-10	2.35E-09	1.36E-09	1.34E-09	1.22E-09	5.55E-10	5.39E-10	2.60E-11	6.28E-10	1.39E-10	1.82E-10	2.89E-10	5.10E-11	2.83E-10	1.60E-09
481	489513.71	3861050.05	3.53E-06	3.48E-06	3.38E-06	1.22E-09	3.69E-09	2.13E-09	2.11E-09	1.91E-09	8.71E-10	8.46E-10	4.08E-11	9.85E-10	2.17E-10	2.86E-10	4.54E-10	8.00E-11	4.44E-10	2.51E-09
482	489563.71	3861050.05	3.27E-06	3.23E-06	3.13E-06	1.13E-09	3.42E-09	1.98E-09	1.95E-09	1.77E-09	8.07E-10	7.84E-10	3.78E-11	9.13E-10	2.01E-10	2.65E-10	4.20E-10	7.41E-11	4.11E-10	2.32E-09
483	489613.71	3861050.05	3.08E-06	3.04E-06	2.95E-06	1.07E-09	3.22E-09	1.86E-09	1.84E-09	1.67E-09	7.61E-10	7.39E-10	3.56E-11	8.60E-10	1.90E-10	2.50E-10	3.96E-10	6.98E-11	3.88E-10	2.19E-09
484	489663.71	3861050.05	2.91E-06	2.87E-06	2.79E-06	1.01E-09	3.04E-09	1.76E-09	1.74E-09	1.58E-09	7.19E-10	6.98E-10	3.37E-11	8.13E-10	1.79E-10	2.36E-10	3.74E-10	6.60E-11	3.66E-10	2.07E-09
485	489713.71	3861050.05	2.77E-06	2.74E-06	2.66E-06	9.60E-10	2.90E-09	1.68E-09	1.66E-09	1.50E-09	6.85E-10	6.65E-10	3.20E-11	7.74E-10	1.71E-10	2.25E-10	3.57E-10	6.28E-11	3.49E-10	1.97E-09
486	489763.71	3861050.05	2.66E-06	2.62E-06	2.55E-06	9.20E-10	2.78E-09	1.61E-09	1.59E-09	1.44E-09	6.57E-10	6.38E-10	3.07E-11	7.42E-10	1.64E-10	2.16E-10	3.42E-10	6.03E-11	3.35E-10	1.89E-09
487	489813.71	3861050.05	2.56E-06	2.53E-06	2.45E-06	8.87E-10	2.68E-09	1.55E-09	1.53E-09	1.39E-09	6.33E-10	6.14E-10	2.96E-11	7.15E-10	1.58E-10	2.08E-10	3.29E-10	5.81E-11	3.22E-10	1.82E-09
488	489863.71	3861050.05	2.47E-06	2.44E-06	2.37E-06	8.55E-10	2.58E-09	1.49E-09	1.48E-09	1.34E-09	6.10E-10	5.93E-10	2.86E-11	6.90E-10	1.52E-10	2.00E-10	3.18E-10	5.60E-11	3.11E-10	1.76E-09
489	489913.71	3861050.05	2.39E-06	2.36E-06	2.29E-06	8.28E-10	2.50E-09	1.45E-09	1.43E-09	1.29E-09	5.91E-10	5.74E-10	2.76E-11	6.68E-10	1.47E-10	1.94E-10	3.08E-10	5.42E-11	3.01E-10	1.70E-09
490	489963.71	3861050.05	2.32E-06	2.29E-06	2.22E-06	8.04E-10	2.43E-09	1.40E-09	1.39E-09	1.26E-09	5.73E-10	5.57E-10	2.68E-11	6.48E-10	1.43E-10	1.88E-10	2.99E-10	5.26E-11	2.92E-10	1.65E-09
491	490013.71	3861050.05	2.26E-06	2.23E-06	2.17E-06	7.84E-10	2.37E-09	1.37E-09	1.35E-09	1.23E-09	5.59E-10	5.43E-10	2.62E-11	6.32E-10	1.39E-10	1.84E-10	2.91E-10	5.13E-11	2.85E-10	1.61E-09
492	490063.71	3861050.05	2.21E-06	2.18E-06	2.12E-06	7.65E-10	2.31E-09	1.34E-09	1.32E-09	1.20E-09	5.46E-10	5.30E-10	2.56E-11	6.17E-10	1.36E-10	1.79E-10	2.84E-10	5.01E-11	2.78E-10	1.57E-09
493	489513.71	3861100.05	3.50E-06	3.46E-06	3.36E-06	1.21E-09	3.66E-09	2.12E-09	2.09E-09	1.90E-09	8.66E-10	8.41E-10	4.05E-11	9.79E-10	2.16E-10	2.84E-10	4.51E-10	7.94E-11	4.41E-10	2.49E-09
494	489563.71	3861100.05	3.24E-06	3.20E-06	3.11E-06	1.12E-09	3.39E-09	1.96E-09	1.94E-09	1.75E-09	8.01E-10	7.77E-10	3.75E-11	9.05E-10	2.00E-10	2.63E-10	4.17E-10	7.35E-11	4.08E-10	2.30E-09
495	489613.71	3861100.05	3.03E-06	2.99E-06	2.90E-06	1.05E-09	3.16E-09	1.83E-09	1.81E-09	1.64E-09	7.48E-10	7.26E-10	3.50E-11	8.45E-10	1.86E-10	2.45E-10	3.89E-10	6.86E-11	3.81E-10	2.15E-09
496	489663.71	3861100.05	2.87E-06	2.83E-06	2.75E-06	9.93E-10	3.00E-09	1.74E-09	1.71E-09	1.55E-09	7.08E-10	6.88E-10	3.31E-11	8.01E-10	1.77E-10	2.32E-10	3.69E-10	6.50E-11	3.61E-10	2.04E-09
497	489713.71	3861100.05	2.74E-06	2.70E-06	2.62E-06	9.47E-10	2.86E-09	1.65E-09	1.63E-09	1.48E-09	6.76E-10	6.56E-10	3.16E-11	7.64E-10	1.69E-10	2.22E-10	3.52E-10	6.20E-11	3.44E-10	1.94E-09
498	489763.71	3861100.05	2.62E-06	2.59E-06	2.51E-06	9.07E-10	2.74E-09	1.59E-09	1.57E-09	1.42E-09	6.47E-10	6.29E-10	3.03E-11	7.32E-10	1.61E-10	2.12E-10	3.37E-10	5.94E-11	3.30E-10	1.86E-09
499	489813.71	3861100.05	2.52E-06	2.49E-06	2.42E-06	8.74E-10	2.64E-09	1.53E-09	1.51E-09	1.37E-09	6.23E-10	6.05E-10	2.92E-11	7.05E-10	1.55E-10	2.05E-10	3.25E-10	5.72E-11	3.18E-10	1.79E-09
500	489863.71	3861100.05	2.44E-06	2.41E-06	2.34E-06	8.45E-10	2.55E-09	1.48E-09	1.46E-09	1.32E-09	6.03E-10	5.85E-10	2.82E-11	6.81E-10	1.50E-10	1.98E-10	3.14E-10	5.53E-11	3.07E-10	1.73E-09
501	489913.71	3861100.05	2.36E-06	2.33E-06	2.26E-06	8.16E-10	2.46E-09	1.43E-09	1.41E-09	1.28E-09	5.82E-10	5.65E-10	2.72E-11	6.58E-10	1.45E-10	1.91E-10	3.03E-10	5.34E-11	2.97E-10	1.67E-09
502	489963.71	3861100.05	2.29E-06	2.26E-06	2.19E-06	7.92E-10	2.39E-09	1.38E-09	1.37E-09	1.24E-09	5.65E-10	5.49E-10	2.64E-11	6.39E-10	1.41E-10	1.85E-10	2.94E-10	5.18E-11	2.88E-10	1.63E-09
503	490013.71	3861100.05	2.22E-06	2.19E-06	2.13E-06	7.69E-10	2.32E-09	1.34E-09	1.33E-09	1.20E-09	5.49E-10	5.33E-10	2.57E-11	6.21E-10	1.37E-10	1.80E-10	2.86E-10	5.04E-11	2.80E-10	1.58E-09
504	490063.71	3861100.05	2.17E-06	2.14E-06	2.08E-06	7.51E-10	2.27E-09	1.31E-09	1.30E-09	1.17E-09	5.36E-10	5.20E-10	2.51E-11	6.06E-10	1.34E-10	1.76E-10	2.79E-10	4.92E-11	2.73E-10	1.54E-09
505	489713.71	3861150.05	2.70E-06	2.67E-06	2.59E-06	9.35E-10	2.82E-09	1.63E-09	1.61E-09	1.46E-09	6.67E-10	6.48E-10	3.12E-11	7.54E-10	1.66E-10	2.19E-10	3.47E-10	6.12E-11	3.40E-10	1.92E-09
506	489763.71	3861150.05	2.59E-06	2.55E-06	2.48E-06	8.96E-10	2.71E-09	1.57E-09	1.55E-09	1.40E-09	6.39E-10	6.21E-10	2.99E-11	7.23E-10	1.59E-10	2.10E-10	3.33E-10	5.87E-11	3.26E-10	1.84E-09
507	489813.71	3861150.05	2.49E-06	2.46E-06	2.39E-06	8.62E-10	2.60E-09	1.51E-09	1.49E-09	1.35E-09	6.15E-10	5.97E-10	2.88E-11	6.96E-10	1.53E-10	2.02E-10	3.20E-10	5.65E-11	3.14E-10	1.77E-09
508	489863.71	3861150.05	2.40E-06	2.37E-06	2.30E-06	8.32E-10	2.51E-09	1.45E-09	1.43E-09	1.30E-09	5.93E-10	5.76E-10	2.78E-11	6.71E-10	1.48E-10	1.95E-10	3.09E-10	5.45E-11	3.02E-10	1.71E-09
509	489913.71	3861150.05	2.32E-06	2.29E-06	2.23E-06	8.04E-10	2.43E-09	1.41E-09	1.39E-09	1.26E-09	5.74E-10	5.57E-10	2.68E-11	6.48E-10	1.43E-10	1.88E-10	2.99E-10	5.26E-11	2.92E-10	1.65E-09
510	489963.71	3861150.05	2.25E-06	2.22E-06	2.16E-06	7.79E-10	2.35E-09	1.36E-09	1.34E-09	1.22E-09	5.56E-10	5.40E-10	2.60E-11	6.28E-10	1.39E-10	1.82E-10	2.89E-10	5.10E-11	2.83E-10	1.60E-09
511	490013.71	3861150.05	2.19E-06	2.16E-06	2.09E-06	7.57E-10	2.28E-09	1.32E-09	1.31E-09	1.18E-09	5.40E-10	5.24E-10	2.53E-11	6.10E-10	1.35E-10	1.77E-10	2.81E-10	4.96E-11	2.75E-10	1.55E-09
512	490063.71	3861150.05	2.13E-06	2.11E-06	2.05E-06	7.39E-10	2.23E-09	1.29E-09	1.27E-09	1.16E-09	5.27E-10	5.12E-10	2.47E-11	5.96E-10	1.31E-10	1.73E-10	2.74E-10	4.84E-11	2.69E-10	1.52E-09
513	489613.71	3861200.05	2.96E-06	2.92E-06	2.83E-06	1.02E-09	3.09E-09	1.79E-09	1.77E-09	1.60E-09	7.30E-10	7.09E-10	3.42E-11	8.26E-10	1.82E-10	2.40E-10	3.80E-10	6.70E-11	3.72E-10	2.10E-09
514	489663.71	3861200.05	2.80E-06	2.76E-06	2.68E-06	9.69E-10	2.93E-09	1.69E-09	1.67E-09	1.52E-09	6.92E-10	6.72E-10	3.24E-11	7.82E-10	1.73E-10	2.27E-10	3.60E-10	6.35E-11	3.52E-10	1.99E-09
515	489713.71	3861200.05	2.67E-06	2.63E-06	2.56E-06	9.24E-10	2.79E-09	1.61E-09	1.59E-09	1.44E-09	6.59E-10	6.40E-10	3.08E-11	7.45E-10	1.64E-10	2.16E-10	3.43E-10	6.05E-11	3.36E-10	1.90E-09
516	489763.71	3861200.05	2.56E-06	2.52E-06	2.45E-06	8.85E-10	2.67E-09	1.55E-09	1.53E-09	1.38E-09	6.31E-10	6.13E-10	2.95E-11	7.14E-10	1.57E-10	2.07E-10	3.29E-10	5.79E-11	3.22E-10	1.82E-09
517	489813.71	3861200.05	2.46E-06	2.43E-06	2.36E-06	8.51E-10	2.57E-09	1.49E-09	1.47E-09	1.33E-09	6.07E-10	5.90E-10	2.84E-11	6.86E-10	1.51E-10	1.99E-10	3.16E-10	5.57E-11	3.10E-10	1.75E-09
518	489863.71	3861200.05	2.37E-06	2.34E-06	2.27E-06	8.22E-10	2.48E-09	1.44E-09	1.42E-09	1.28E-09	5.86E-10	5.69E-10	2.74E-11	6.63E-10	1.46E-10	1.92E-10	3.05E-10	5.38E-11	2.99E-10	1.69E-09
519	489913.71	3861200.05	2.29E-06	2.26E-06	2.20E-06	7.94E-10	2.40E-09	1.39E-09	1.37E-09	1.24E-09	5.66E-10	5.50E-10	2.65E-11	6.40E-10	1.41E-10	1.86E-10	2.95E-10	5.20E-11	2.89E-10	1.63E-09
520	489963.71	3861200.05	2.22E-06	2.19E-06	2.13E-06	7.68E-10	2.32E-09	1.34E-09	1.33E-09	1.20E-09	5.48E-10	5.32E-10	2.57E-11	6.20E-10	1.37E-10	1.80E-10	2.85E-10	5.03E-11	2.79E-10	1.58E-09
521	490013.71	3861200.05	2.16E-06	2.13E-06	2.07E-06	7.47E-10	2.25E-09	1.31E-09	1.29E-09	1.17E-09	5.33E-10	5.17E-10	2.49E-11	6.02E-10	1.33E-10	1.75E-10	2.77E-10	4.89E-11	2.72E-10	1.53E-09
522	490063.71	3861200.05	2.10E-06	2.07E-06	2.01E-06	7.27E-10	2.20E-09	1.27E-09	1.25E-09	1.14E-09	5.19E-10	5.04E-10	2.43E-11	5.87E-10	1.29E-10	1.70E-10	2.70E-10	4.76E-11	2.64E-10	1.49E-09
523	489513.71	3861250.05	3.37E-06	3.33E-06	3.23E-06	1.17E-09	3.52E-09	2.04E-09	2.01E-09	1.82E-09	8.33E-10	8.09E-10	3.90E-11	9.41E-10	2.08E-10	2.73E-10	4.34E-10	7.64E-11	4.24E-10	2.40E-09

524	489563.71	3861250.05	3.13E-06	3.09E-06	3.00E-06	1.08E-09	3.27E-09	1.89E-09	1.87E-09	1.69E-09	7.73E-10	7.50E-10	3.62E-11	8.73E-10	1.93E-10	2.54E-10	4.02E-10	7.09E-11	3.94E-10	2.22E-09
525	489613.71	3861250.05	2.93E-06	2.89E-06	2.81E-06	1.02E-09	3.07E-09	1.77E-09	1.75E-09	1.59E-09	7.25E-10	7.04E-10	3.39E-11	8.19E-10	1.81E-10	2.38E-10	3.77E-10	6.65E-11	3.69E-10	2.08E-09
526	489663.71	3861250.05	2.77E-06	2.74E-06	2.66E-06	9.59E-10	2.90E-09	1.68E-09	1.65E-09	1.50E-09	6.85E-10	6.65E-10	3.20E-11	7.74E-10	1.71E-10	2.25E-10	3.56E-10	6.28E-11	3.49E-10	1.97E-09
527	489713.71	3861250.05	2.64E-06	2.60E-06	2.53E-06	9.14E-10	2.76E-09	1.60E-09	1.58E-09	1.43E-09	6.52E-10	6.33E-10	3.05E-11	7.37E-10	1.63E-10	2.14E-10	3.39E-10	5.98E-11	3.32E-10	1.88E-09
528	489763.71	3861250.05	2.53E-06	2.49E-06	2.42E-06	8.75E-10	2.64E-09	1.53E-09	1.51E-09	1.37E-09	6.24E-10	6.06E-10	2.92E-11	7.05E-10	1.56E-10	2.05E-10	3.25E-10	5.73E-11	3.18E-10	1.80E-09
529	489813.71	3861250.05	2.43E-06	2.40E-06	2.33E-06	8.41E-10	2.54E-09	1.47E-09	1.45E-09	1.31E-09	6.00E-10	5.82E-10	2.81E-11	6.78E-10	1.50E-10	1.97E-10	3.12E-10	5.50E-11	3.06E-10	1.73E-09
530	489863.71	3861250.05	2.34E-06	2.31E-06	2.24E-06	8.10E-10	2.45E-09	1.42E-09	1.40E-09	1.27E-09	5.78E-10	5.62E-10	2.71E-11	6.54E-10	1.44E-10	1.90E-10	3.01E-10	5.31E-11	2.95E-10	1.66E-09
531	489913.71	3861250.05	2.26E-06	2.23E-06	2.17E-06	7.84E-10	2.37E-09	1.37E-09	1.35E-09	1.23E-09	5.59E-10	5.43E-10	2.62E-11	6.32E-10	1.40E-10	1.84E-10	2.91E-10	5.13E-11	2.85E-10	1.61E-09
532	489963.71	3861250.05	2.19E-06	2.17E-06	2.10E-06	7.59E-10	2.29E-09	1.33E-09	1.31E-09	1.19E-09	5.42E-10	5.26E-10	2.54E-11	6.13E-10	1.35E-10	1.78E-10	2.82E-10	4.97E-11	2.76E-10	1.56E-09
533	490013.71	3861250.05	2.13E-06	2.10E-06	2.04E-06	7.37E-10	2.23E-09	1.29E-09	1.27E-09	1.15E-09	5.26E-10	5.11E-10	2.46E-11	5.95E-10	1.31E-10	1.73E-10	2.74E-10	4.83E-11	2.68E-10	1.51E-09
534	490063.71	3861250.05	2.07E-06	2.04E-06	1.98E-06	7.17E-10	2.16E-09	1.25E-09	1.24E-09	1.12E-09	5.12E-10	4.97E-10	2.39E-11	5.78E-10	1.28E-10	1.68E-10	2.66E-10	4.69E-11	2.61E-10	1.47E-09
535	489528.13	3861308.47	3.26E-06	3.22E-06	3.13E-06	1.13E-09	3.41E-09	1.97E-09	1.95E-09	1.77E-09	8.05E-10	7.82E-10	3.77E-11	9.10E-10	2.01E-10	2.64E-10	4.19E-10	7.39E-11	4.10E-10	2.32E-09
536	489578.13	3861308.47	3.03E-06	2.99E-06	2.90E-06	1.05E-09	3.17E-09	1.83E-09	1.81E-09	1.64E-09	7.49E-10	7.27E-10	3.50E-11	8.46E-10	1.87E-10	2.46E-10	3.90E-10	6.87E-11	3.82E-10	2.15E-09
537	489628.13	3861308.47	2.85E-06	2.81E-06	2.73E-06	9.85E-10	2.98E-09	1.72E-09	1.70E-09	1.54E-09	7.03E-10	6.83E-10	3.29E-11	7.95E-10	1.75E-10	2.31E-10	3.66E-10	6.45E-11	3.58E-10	2.02E-09
538	489678.13	3861308.47	2.70E-06	2.66E-06	2.59E-06	9.34E-10	2.82E-09	1.63E-09	1.61E-09	1.46E-09	6.66E-10	6.47E-10	3.12E-11	7.53E-10	1.66E-10	2.19E-10	3.47E-10	6.12E-11	3.40E-10	1.92E-09
539	489728.13	3861308.47	2.57E-06	2.54E-06	2.46E-06	8.90E-10	2.69E-09	1.56E-09	1.54E-09	1.39E-09	6.35E-10	6.17E-10	2.97E-11	7.18E-10	1.58E-10	2.09E-10	3.31E-10	5.83E-11	3.24E-10	1.83E-09
540	489778.13	3861308.47	2.46E-06	2.43E-06	2.36E-06	8.52E-10	2.57E-09	1.49E-09	1.47E-09	1.33E-09	6.08E-10	5.91E-10	2.85E-11	6.87E-10	1.52E-10	2.00E-10	3.17E-10	5.58E-11	3.10E-10	1.75E-09
541	489678.13	3861358.47	2.67E-06	2.63E-06	2.56E-06	9.24E-10	2.79E-09	1.61E-09	1.59E-09	1.44E-09	6.59E-10	6.40E-10	3.09E-11	7.45E-10	1.64E-10	2.16E-10	3.43E-10	6.05E-11	3.36E-10	1.90E-09
542	489728.13	3861358.47	2.54E-06	2.51E-06	2.44E-06	8.80E-10	2.66E-09	1.54E-09	1.52E-09	1.38E-09	6.28E-10	6.10E-10	2.94E-11	7.10E-10	1.57E-10	2.06E-10	3.27E-10	5.76E-11	3.20E-10	1.81E-09
543	489528.13	3861408.47	3.21E-06	3.16E-06	3.07E-06	1.11E-09	3.35E-09	1.94E-09	1.91E-09	1.74E-09	7.92E-10	7.69E-10	3.71E-11	8.95E-10	1.97E-10	2.60E-10	4.12E-10	7.27E-11	4.04E-10	2.28E-09
544	489578.13	3861408.47	2.97E-06	2.94E-06	2.85E-06	1.03E-09	3.11E-09	1.80E-09	1.78E-09	1.61E-09	7.35E-10	7.13E-10	3.44E-11	8.31E-10	1.83E-10	2.41E-10	3.83E-10	6.74E-11	3.74E-10	2.11E-09
545	489628.13	3861408.47	2.80E-06	2.76E-06	2.68E-06	9.68E-10	2.92E-09	1.69E-09	1.67E-09	1.51E-09	6.91E-10	6.71E-10	3.23E-11	7.81E-10	1.72E-10	2.27E-10	3.60E-10	6.34E-11	3.52E-10	1.99E-09
546	489678.13	3861408.47	2.64E-06	2.61E-06	2.53E-06	9.15E-10	2.76E-09	1.60E-09	1.58E-09	1.43E-09	6.53E-10	6.34E-10	3.06E-11	7.38E-10	1.63E-10	2.14E-10	3.40E-10	5.99E-11	3.33E-10	1.88E-09
547	489728.13	3861408.47	2.51E-06	2.48E-06	2.41E-06	8.70E-10	2.63E-09	1.52E-09	1.50E-09	1.36E-09	6.21E-10	6.03E-10	2.91E-11	7.02E-10	1.55E-10	2.04E-10	3.23E-10	5.70E-11	3.17E-10	1.79E-09
548	489528.13	3861458.47	3.19E-06	3.15E-06	3.05E-06	1.10E-09	3.33E-09	1.93E-09	1.90E-09	1.73E-09	7.87E-10	7.64E-10	3.68E-11	8.90E-10	1.96E-10	2.58E-10	4.10E-10	7.22E-11	4.01E-10	2.26E-09
549	489578.13	3861458.47	2.95E-06	2.92E-06	2.83E-06	1.02E-09	3.09E-09	1.79E-09	1.76E-09	1.60E-09	7.30E-10	7.09E-10	3.42E-11	8.25E-10	1.82E-10	2.40E-10	3.80E-10	6.70E-11	3.72E-10	2.10E-09
550	489628.13	3861458.47	2.77E-06	2.73E-06	2.65E-06	9.58E-10	2.89E-09	1.68E-09	1.65E-09	1.50E-09	6.84E-10	6.64E-10	3.20E-11	7.73E-10	1.71E-10	2.24E-10	3.56E-10	6.28E-11	3.49E-10	1.97E-09
551	489678.13	3861458.47	2.62E-06	2.58E-06	2.51E-06	9.05E-10	2.73E-09	1.58E-09	1.56E-09	1.42E-09	6.46E-10	6.27E-10	3.02E-11	7.30E-10	1.61E-10	2.12E-10	3.36E-10	5.93E-11	3.29E-10	1.86E-09
552	489728.13	3861458.47	2.48E-06	2.45E-06	2.38E-06	8.60E-10	2.60E-09	1.50E-09	1.48E-09	1.34E-09	6.14E-10	5.96E-10	2.87E-11	6.94E-10	1.53E-10	2.01E-10	3.20E-10	5.63E-11	3.13E-10	1.77E-09
553	489528.13	3861508.47	3.16E-06	3.12E-06	3.03E-06	1.10E-09	3.31E-09	1.91E-09	1.89E-09	1.71E-09	7.82E-10	7.59E-10	3.66E-11	8.84E-10	1.95E-10	2.57E-10	4.07E-10	7.17E-11	3.98E-10	2.25E-09
554	489578.13	3861508.47	2.93E-06	2.89E-06	2.81E-06	1.01E-09	3.06E-09	1.77E-09	1.75E-09	1.59E-09	7.23E-10	7.02E-10	3.38E-11	8.18E-10	1.80E-10	2.37E-10	3.77E-10	6.64E-11	3.69E-10	2.08E-09
555	489628.13	3861508.47	2.74E-06	2.71E-06	2.63E-06	9.49E-10	2.86E-09	1.66E-09	1.64E-09	1.48E-09	6.77E-10	6.57E-10	3.17E-11	7.65E-10	1.69E-10	2.22E-10	3.53E-10	6.21E-11	3.45E-10	1.95E-09
556	489678.13	3861508.47	2.59E-06	2.55E-06	2.48E-06	8.95E-10	2.70E-09	1.57E-09	1.54E-09	1.40E-09	6.39E-10	6.20E-10	2.99E-11	7.22E-10	1.59E-10	2.10E-10	3.33E-10	5.86E-11	3.26E-10	1.84E-09
557	489728.13	3861508.47	2.46E-06	2.43E-06	2.36E-06	8.51E-10	2.57E-09	1.49E-09	1.47E-09	1.33E-09	6.07E-10	5.90E-10	2.84E-11	6.86E-10	1.51E-10	1.99E-10	3.16E-10	5.57E-11	3.09E-10	1.75E-09
558	489628.13	3861558.47	2.72E-06	2.68E-06	2.61E-06	9.42E-10	2.84E-09	1.65E-09	1.62E-09	1.47E-09	6.72E-10	6.52E-10	3.14E-11	7.60E-10	1.68E-10	2.21E-10	3.50E-10	6.17E-11	3.42E-10	1.93E-09
559	489678.13	3861558.47	2.57E-06	2.54E-06	2.46E-06	8.90E-10	2.69E-09	1.56E-09	1.53E-09	1.39E-09	6.35E-10	6.16E-10	2.97E-11	7.18E-10	1.58E-10	2.08E-10	3.31E-10	5.83E-11	3.24E-10	1.83E-09
560	489728.13	3861558.47	2.44E-06	2.41E-06	2.34E-06	8.45E-10	2.55E-09	1.48E-09	1.46E-09	1.32E-09	6.03E-10	5.86E-10	2.82E-11	6.82E-10	1.50E-10	1.98E-10	3.14E-10	5.53E-11	3.07E-10	1.74E-09
561	489357.08	3861015.81	5.19E-06	5.12E-06	4.98E-06	1.80E-09	5.43E-09	3.14E-09	3.10E-09	2.81E-09	1.28E-09	1.25E-09	6.00E-11	1.45E-09	3.20E-10	4.21E-10	6.68E-10	1.18E-10	6.53E-10	3.69E-09
562	489407.08	3861015.81	4.41E-06	4.35E-06	4.22E-06	1.53E-09	4.61E-09	2.67E-09	2.63E-09	2.39E-09	1.09E-09	1.06E-09	5.09E-11	1.23E-09	2.72E-10	3.57E-10	5.67E-10	9.99E-11	5.55E-10	3.13E-09
563	489457.08	3861015.81	3.91E-06	3.86E-06	3.75E-06	1.35E-09	4.09E-09	2.37E-09	2.34E-09	2.12E-09	9.66E-10	9.38E-10	4.52E-11	1.09E-09	2.41E-10	3.17E-10	5.03E-10	8.87E-11	4.92E-10	2.78E-09
564	489357.08	3861065.81	5.18E-06	5.11E-06	4.96E-06	1.79E-09	5.41E-09	3.13E-09	3.09E-09	2.80E-09	1.28E-09	1.24E-09	5.99E-11	1.45E-09	3.19E-10	4.20E-10	6.66E-10	1.17E-10	6.52E-10	3.68E-09
565	489407.08	3861065.81	4.40E-06	4.34E-06	4.21E-06	1.52E-09	4.59E-09	2.66E-09	2.62E-09	2.38E-09	1.09E-09	1.05E-09	5.08E-11	1.23E-09	2.71E-10	3.56E-10	5.65E-10	9.96E-11	5.53E-10	3.12E-09
566	489457.08	3861065.81	3.89E-06	3.84E-06	3.73E-06	1.35E-09	4.07E-09	2.36E-09	2.33E-09	2.11E-09	9.62E-10	9.34E-10	4.50E-11	1.09E-09	2.40E-10	3.16E-10	5.01E-10	8.83E-11	4.90E-10	2.77E-09
567	489357.08	3861115.81	5.15E-06	5.08E-06	4.93E-06	1.78E-09	5.38E-09	3.11E-09	3.07E-09	2.79E-09	1.27E-09	1.23E-09	5.95E-11	1.44E-09	3.17E-10	4.17E-10	6.62E-10	1.17E-10	6.48E-10	3.66E-09
568	489407.08	3861115.81	4.38E-06	4.33E-06	4.20E-06	1.52E-09	4.58E-09	2.65E-09	2.62E-09	2.37E-09	1.08E-09	1.05E-09	5.07E-11	1.22E-09	2.70E-10	3.55E-10	5.64E-10	9.93E-11	5.52E-10	3.11E-09
569	489457.08	3861115.81	3.88E-06	3.83E-06	3.72E-06	1.34E-09	4.06E-09	2.35E-09	2.32E-09	2.10E-09	9.59E-10	9.31E-10	4.49E-11	1.08E-09	2.39E-10	3.15E-10	4.99E-10	8.80E-11	4.89E-10	2.76E-09
570	489407.08	3861165.81	4.35E-06	4.29E-06	4.17E-06	1.51E-09	4.54E-09	2.63E-09	2.60E-09	2.35E-09	1.07E-09	1.04E-09	5.03E-11	1.21E-09	2.68E-10	3.53E-10	5.59E-10	9.86E-11	5.47E-10	3.09E-09
571	489457.08	3861165.81	3.85E-06	3.80E-06	3.69E-06	1.33E-09	4.02E-09	2.33E-09	2.30E-09	2.08E-09	9.51E-10	9.23E-10	4.45E-11	1.07E-09	2.37E-10	3.12E-10	4.95E-10	8.73E-11	4.85E-10	2.74E-09
572	489407.08	3861215.81	4.31E-06	4.25E-06	4.13E-06	1.49E-09	4.51E-09	2.61E-09	2.57E-09	2.33E-09	1.06E-09	1.03E-09	4.98E-11	1.20E-09	2.66E-10	3.50E-10	5.55E-10	9.77E-11	5.43E-10	3.06E-09
573	489457.08	3861215.81	3.81E-06	3.76E-06	3.65E-06	1.32E-09	3.98E-09	2.30E-09	2.27E-09	2.06E-09	9.40E-10	9.13E-10	4.40E-11	1.06E-09	2.35E-10	3.09E-10	4.90E-10	8.63E-11	4.79E-10	2.71E-09
574	489407.08	3861265.81	4.23E-06	4.17E-06	4.05E-06	1.46E-09	4.42E-09	2.56E-09	2.52E-09	2.29E-09	1.04E-09	1.01E-09	4.89E-11	1.18E-09	2.61E-10	3.43E-10	5.44E-10	9.58E-11	5.32E-10	3.00E-09
575	489457.08	3861265.81	3.75E-06	3.70E-06	3.59E-06	1.30E-09	3.92E-09	2.27E-09	2.24E-09	2.03E-09	9.26E-10	9.00E-10	4.34E-11	1.05E-09	2.31E-10	3.04E-10	4.82E-10	8.50E-11	4.72E-10	2.67E-09
576	489309.86	3861110.14	6.36E-06	6.28E-06	6.09E-06	2.20E-09	6.65E-09	3.85E-09	3.80E-09	3.44E-09	1.57E-09	1.53E-09	7.35E-11	1.78E-09	3.92E-10	5.16E-10	8.18E-10	1.44E-10	8.01E-10	4.52E-09

577	489407.08	3861315.81	4.20E-06	4.15E-06	4.03E-06	1.45E-09	4.39E-09	2.54E-09	2.51E-09	2.27E-09	1.04E-09	1.01E-09	4.86E-11	1.17E-09	2.59E-10	3.41E-10	5.40E-10	9.52E-11	5.29E-10	2.99E-09
578	489457.08	3861315.81	3.73E-06	3.68E-06	3.57E-06	1.29E-09	3.89E-09	2.25E-09	2.22E-09	2.02E-09	9.20E-10	8.94E-10	4.31E-11	1.04E-09	2.30E-10	3.02E-10	4.79E-10	8.44E-11	4.69E-10	2.65E-09
579	488906.03	3861006.75	2.16E-06	2.13E-06	2.07E-06	7.48E-10	2.26E-09	1.31E-09	1.29E-09	1.17E-09	5.34E-10	5.19E-10	2.50E-11	6.04E-10	1.33E-10	1.75E-10	2.78E-10	4.90E-11	2.72E-10	1.54E-09
580	488956.03	3861006.75	2.30E-06	2.27E-06	2.21E-06	7.97E-10	2.41E-09	1.39E-09	1.37E-09	1.25E-09	5.68E-10	5.52E-10	2.66E-11	6.43E-10	1.42E-10	1.87E-10	2.96E-10	5.22E-11	2.90E-10	1.64E-09
581	488904.24	3861051.87	2.06E-06	2.03E-06	1.97E-06	7.12E-10	2.15E-09	1.24E-09	1.23E-09	1.11E-09	5.08E-10	4.93E-10	2.38E-11	5.74E-10	1.27E-10	1.67E-10	2.64E-10	4.66E-11	2.59E-10	1.46E-09
582	488954.24	3861051.87	2.23E-06	2.20E-06	2.13E-06	7.71E-10	2.33E-09	1.35E-09	1.33E-09	1.21E-09	5.50E-10	5.34E-10	2.57E-11	6.22E-10	1.37E-10	1.81E-10	2.86E-10	5.05E-11	2.80E-10	1.58E-09
583	489004.24	3861051.87	2.36E-06	2.33E-06	2.26E-06	8.17E-10	2.47E-09	1.43E-09	1.41E-09	1.28E-09	5.83E-10	5.66E-10	2.73E-11	6.59E-10	1.45E-10	1.91E-10	3.04E-10	5.35E-11	2.97E-10	1.68E-09
584	488804.24	3861101.87	1.88E-06	1.85E-06	1.80E-06	6.50E-10	1.96E-09	1.14E-09	1.12E-09	1.02E-09	4.64E-10	4.51E-10	2.17E-11	5.24E-10	1.16E-10	1.52E-10	2.42E-10	4.26E-11	2.36E-10	1.33E-09
585	488854.24	3861101.87	1.95E-06	1.92E-06	1.87E-06	6.74E-10	2.03E-09	1.18E-09	1.16E-09	1.05E-09	4.81E-10	4.67E-10	2.25E-11	5.44E-10	1.20E-10	1.58E-10	2.50E-10	4.41E-11	2.45E-10	1.38E-09
586	488904.24	3861101.87	2.09E-06	2.06E-06	2.00E-06	7.22E-10	2.18E-09	1.26E-09	1.25E-09	1.13E-09	5.16E-10	5.01E-10	2.41E-11	5.83E-10	1.29E-10	1.69E-10	2.68E-10	4.73E-11	2.63E-10	1.48E-09
587	488954.24	3861101.87	2.24E-06	2.21E-06	2.15E-06	7.76E-10	2.34E-09	1.36E-09	1.34E-09	1.21E-09	5.54E-10	5.38E-10	2.59E-11	6.26E-10	1.38E-10	1.82E-10	2.88E-10	5.08E-11	2.82E-10	1.59E-09
588	489004.24	3861101.87	2.46E-06	2.42E-06	2.35E-06	8.50E-10	2.57E-09	1.49E-09	1.47E-09	1.33E-09	6.06E-10	5.89E-10	2.84E-11	6.86E-10	1.51E-10	1.99E-10	3.16E-10	5.57E-11	3.09E-10	1.74E-09
589	488804.24	3861151.87	1.86E-06	1.83E-06	1.78E-06	6.42E-10	1.94E-09	1.12E-09	1.11E-09	1.00E-09	4.58E-10	4.45E-10	2.14E-11	5.18E-10	1.14E-10	1.50E-10	2.39E-10	4.21E-11	2.34E-10	1.32E-09
590	488854.24	3861151.87	1.94E-06	1.92E-06	1.86E-06	6.72E-10	2.03E-09	1.17E-09	1.16E-09	1.05E-09	4.79E-10	4.66E-10	2.24E-11	5.42E-10	1.20E-10	1.57E-10	2.50E-10	4.40E-11	2.44E-10	1.38E-09
591	489129.49	3861187.55	3.83E-06	3.78E-06	3.67E-06	1.33E-09	4.00E-09	2.32E-09	2.29E-09	2.07E-09	9.46E-10	9.19E-10	4.43E-11	1.07E-09	2.36E-10	3.11E-10	4.93E-10	8.68E-11	4.82E-10	2.72E-09
592	489179.49	3861187.55	6.30E-06	6.22E-06	6.04E-06	2.18E-09	6.59E-09	3.81E-09	3.76E-09	3.41E-09	1.56E-09	1.51E-09	7.28E-11	1.76E-09	3.88E-10	5.11E-10	8.11E-10	1.43E-10	7.93E-10	4.48E-09
593	488804.24	3861201.87	1.82E-06	1.80E-06	1.75E-06	6.32E-10	1.91E-09	1.10E-09	1.09E-09	9.88E-10	4.51E-10	4.38E-10	2.11E-11	5.09E-10	1.12E-10	1.48E-10	2.35E-10	4.14E-11	2.30E-10	1.30E-09
594	488854.24	3861201.87	1.90E-06	1.88E-06	1.83E-06	6.59E-10	1.99E-09	1.15E-09	1.14E-09	1.03E-09	4.70E-10	4.57E-10	2.20E-11	5.32E-10	1.17E-10	1.54E-10	2.45E-10	4.32E-11	2.40E-10	1.35E-09
595	489129.49	3861237.55	3.82E-06	3.77E-06	3.66E-06	1.32E-09	3.99E-09	2.31E-09	2.28E-09	2.07E-09	9.43E-10	9.15E-10	4.41E-11	1.07E-09	2.35E-10	3.09E-10	4.91E-10	8.65E-11	4.80E-10	2.71E-09
596	489179.49	3861237.55	6.36E-06	6.27E-06	6.09E-06	2.20E-09	6.64E-09	3.85E-09	3.80E-09	3.44E-09	1.57E-09	1.52E-09	7.35E-11	1.78E-09	3.92E-10	5.15E-10	8.18E-10	1.44E-10	8.00E-10	4.52E-09
597	488804.24	3861251.87	1.80E-06	1.77E-06	1.72E-06	6.21E-10	1.88E-09	1.09E-09	1.07E-09	9.72E-10	4.43E-10	4.31E-10	2.08E-11	5.01E-10	1.11E-10	1.46E-10	2.31E-10	4.07E-11	2.26E-10	1.28E-09
598	488854.24	3861251.87	1.88E-06	1.85E-06	1.80E-06	6.49E-10	1.96E-09	1.14E-09	1.12E-09	1.02E-09	4.63E-10	4.50E-10	2.17E-11	5.24E-10	1.16E-10	1.52E-10	2.41E-10	4.25E-11	2.36E-10	1.33E-09
599	488804.24	3861301.87	1.77E-06	1.74E-06	1.69E-06	6.11E-10	1.84E-09	1.07E-09	1.05E-09	9.55E-10	4.36E-10	4.23E-10	2.04E-11	4.93E-10	1.09E-10	1.43E-10	2.27E-10	4.00E-11	2.22E-10	1.25E-09
600	488854.24	3861301.87	1.85E-06	1.83E-06	1.77E-06	6.40E-10	1.93E-09	1.12E-09	1.10E-09	1.00E-09	4.57E-10	4.44E-10	2.14E-11	5.16E-10	1.14E-10	1.50E-10	2.38E-10	4.19E-11	2.33E-10	1.31E-09
601	490943.5	3860181.97	3.08E-06	3.04E-06	2.95E-06	1.07E-09	3.22E-09	1.86E-09	1.84E-09	1.67E-09	7.61E-10	7.39E-10	3.56E-11	8.60E-10	1.90E-10	2.50E-10	3.96E-10	6.98E-11	3.88E-10	2.19E-09
602	490993.5	3860181.97	3.05E-06	3.02E-06	2.93E-06	1.06E-09	3.19E-09	1.85E-09	1.82E-09	1.65E-09	7.55E-10	7.33E-10	3.53E-11	8.53E-10	1.88E-10	2.48E-10	3.93E-10	6.92E-11	3.85E-10	2.17E-09
603	491043.5	3860181.97	3.03E-06	2.99E-06	2.91E-06	1.05E-09	3.17E-09	1.83E-09	1.81E-09	1.64E-09	7.49E-10	7.27E-10	3.51E-11	8.47E-10	1.87E-10	2.46E-10	3.90E-10	6.87E-11	3.82E-10	2.16E-09
604	491093.5	3860181.97	3.01E-06	2.97E-06	2.88E-06	1.04E-09	3.14E-09	1.82E-09	1.80E-09	1.63E-09	7.43E-10	7.21E-10	3.48E-11	8.39E-10	1.85E-10	2.44E-10	3.87E-10	6.81E-11	3.78E-10	2.14E-09
605	490943.5	3860231.97	2.95E-06	2.91E-06	2.82E-06	1.02E-09	3.08E-09	1.78E-09	1.76E-09	1.60E-09	7.28E-10	7.07E-10	3.41E-11	8.23E-10	1.82E-10	2.39E-10	3.79E-10	6.68E-11	3.71E-10	2.09E-09
606	490993.5	3860231.97	2.93E-06	2.89E-06	2.81E-06	1.02E-09	3.07E-09	1.77E-09	1.75E-09	1.59E-09	7.24E-10	7.03E-10	3.39E-11	8.19E-10	1.81E-10	2.38E-10	3.77E-10	6.65E-11	3.69E-10	2.08E-09
607	491043.5	3860231.97	2.90E-06	2.86E-06	2.78E-06	1.00E-09	3.03E-09	1.76E-09	1.73E-09	1.57E-09	7.17E-10	6.96E-10	3.35E-11	8.10E-10	1.79E-10	2.35E-10	3.73E-10	6.58E-11	3.65E-10	2.06E-09
608	491093.5	3860231.97	2.87E-06	2.84E-06	2.75E-06	9.94E-10	3.00E-09	1.74E-09	1.72E-09	1.56E-09	7.10E-10	6.89E-10	3.32E-11	8.02E-10	1.77E-10	2.33E-10	3.69E-10	6.51E-11	3.62E-10	2.04E-09
609	490943.5	3860281.97	2.83E-06	2.79E-06	2.71E-06	9.78E-10	2.95E-09	1.71E-09	1.69E-09	1.53E-09	6.98E-10	6.78E-10	3.27E-11	7.89E-10	1.74E-10	2.29E-10	3.64E-10	6.41E-11	3.56E-10	2.01E-09
610	490993.5	3860281.97	2.81E-06	2.77E-06	2.69E-06	9.73E-10	2.94E-09	1.70E-09	1.68E-09	1.52E-09	6.94E-10	6.74E-10	3.25E-11	7.85E-10	1.73E-10	2.28E-10	3.61E-10	6.37E-11	3.54E-10	2.00E-09
611	491043.5	3860281.97	2.78E-06	2.75E-06	2.67E-06	9.63E-10	2.91E-09	1.68E-09	1.66E-09	1.51E-09	6.88E-10	6.68E-10	3.22E-11	7.77E-10	1.71E-10	2.26E-10	3.58E-10	6.31E-11	3.50E-10	1.98E-09
612	491093.5	3860281.97	2.76E-06	2.72E-06	2.64E-06	9.54E-10	2.88E-09	1.67E-09	1.65E-09	1.49E-09	6.81E-10	6.61E-10	3.19E-11	7.70E-10	1.70E-10	2.24E-10	3.55E-10	6.25E-11	3.47E-10	1.96E-09
613	490943.5	3860331.97	2.72E-06	2.68E-06	2.60E-06	9.40E-10	2.84E-09	1.64E-09	1.62E-09	1.47E-09	6.71E-10	6.51E-10	3.14E-11	7.58E-10	1.67E-10	2.20E-10	3.49E-10	6.16E-11	3.42E-10	1.93E-09
614	490993.5	3860331.97	2.69E-06	2.66E-06	2.58E-06	9.31E-10	2.81E-09	1.63E-09	1.61E-09	1.46E-09	6.64E-10	6.45E-10	3.11E-11	7.51E-10	1.66E-10	2.18E-10	3.46E-10	6.10E-11	3.39E-10	1.91E-09
615	491043.5	3860331.97	2.67E-06	2.63E-06	2.55E-06	9.23E-10	2.79E-09	1.61E-09	1.59E-09	1.44E-09	6.58E-10	6.39E-10	3.08E-11	7.44E-10	1.64E-10	2.16E-10	3.43E-10	6.04E-11	3.36E-10	1.89E-09
616	491093.5	3860331.97	2.64E-06	2.61E-06	2.53E-06	9.15E-10	2.76E-09	1.60E-09	1.58E-09	1.43E-09	6.53E-10	6.34E-10	3.05E-11	7.38E-10	1.63E-10	2.14E-10	3.40E-10	5.99E-11	3.33E-10	1.88E-09
617	490086.72	3859935.12	4.75E-06	4.69E-06	4.55E-06	1.64E-09	4.96E-09	2.87E-09	2.84E-09	2.57E-09	1.17E-09	1.14E-09	5.49E-11	1.33E-09	2.93E-10	3.85E-10	6.11E-10	1.08E-10	5.98E-10	3.38E-09
618	490136.72	3859935.12	4.70E-06	4.64E-06	4.50E-06	1.63E-09	4.91E-09	2.84E-09	2.81E-09	2.54E-09	1.16E-09	1.13E-09	5.43E-11	1.31E-09	2.90E-10	3.81E-10	6.04E-10	1.07E-10	5.92E-10	3.34E-09
619	490186.72	3859935.12	4.65E-06	4.59E-06	4.46E-06	1.61E-09	4.86E-09	2.81E-09	2.78E-09	2.52E-09	1.15E-09	1.12E-09	5.38E-11	1.30E-09	2.87E-10	3.77E-10	5.98E-10	1.05E-10	5.86E-10	3.31E-09
620	490236.72	3859935.12	4.60E-06	4.54E-06	4.41E-06	1.59E-09	4.81E-09	2.78E-09	2.75E-09	2.49E-09	1.14E-09	1.10E-09	5.32E-11	1.29E-09	2.84E-10	3.73E-10	5.92E-10	1.04E-10	5.79E-10	3.27E-09
621	490286.72	3859935.12	4.55E-06	4.49E-06	4.36E-06	1.57E-09	4.75E-09	2.75E-09	2.72E-09	2.46E-09	1.12E-09	1.09E-09	5.26E-11	1.27E-09	2.80E-10	3.69E-10	5.85E-10	1.03E-10	5.73E-10	3.23E-09
622	490336.72	3859935.12	4.49E-06	4.43E-06	4.31E-06	1.56E-09	4.70E-09	2.72E-09	2.68E-09	2.43E-09	1.11E-09	1.08E-09	5.19E-11	1.25E-09	2.77E-10	3.64E-10	5.78E-10	1.02E-10	5.66E-10	3.19E-09
623	490386.72	3859935.12	4.44E-06	4.38E-06	4.26E-06	1.54E-09	4.64E-09	2.69E-09	2.65E-09	2.40E-09	1.10E-09	1.06E-09	5.13E-11	1.24E-09	2.74E-10	3.60E-10	5.71E-10	1.01E-10	5.59E-10	3.16E-09
624	490436.72	3859935.12	4.39E-06	4.33E-06	4.20E-06	1.52E-09	4.58E-09	2.65E-09	2.62E-09	2.37E-09	1.08E-09	1.05E-09	5.07E-11	1.22E-09	2.70E-10	3.56E-10	5.64E-10	9.94E-11	5.52E-10	3.12E-09
625	490486.72	3859935.12	4.34E-06	4.28E-06	4.16E-06	1.50E-09	4.53E-09	2.62E-09	2.59E-09	2.35E-09	1.07E-09	1.04E-09	5.01E-11	1.21E-09	2.67E-10	3.52E-10	5.58E-10	9.83E-11	5.46E-10	3.08E-09
626	490536.72	3859935.12	4.31E-06	4.26E-06	4.13E-06	1.49E-09	4.51E-09	2.61E-09	2.57E-09	2.33E-09	1.07E-09	1.03E-09	4.98E-11	1.20E-09	2.66E-10	3.50E-10	5.55E-10	9.77E-11	5.43E-10	3.06E-09
627	490586.72	3859935.12	4.30E-06	4.24E-06	4.12E-06	1.49E-09	4.49E-09	2.60E-09	2.57E-09	2.33E-09	1.06E-09	1.03E-09	4.97E-11	1.20E-09	2.65E-10	3.48E-10	5.53E-10	9.74E-11	5.41E-10	3.05E-09
628	490636.72	3859935.12	4.27E-06	4.21E-06	4.09E-06	1.48E-09	4.46E-09	2.58E-09	2.55E-09	2.31E-09	1.05E-09	1.02E-09	4.94E-11	1.19E-09	2.63E-10	3.46E-10	5.49E-10	9.68E-11	5.37E-10	3.03E-09
629	490686.72	3859935.12	4.27E-06	4.22E-06	4.09E-06	1.48E-09	4.47E-09	2.58E-09	2.55E-09	2.31E-09	1.06E-09	1.02E-09	4.94E-11	1.19E-09	2.63E-10	3.46E-10	5.49E-10	9.68E-11	5.38E-10	3.04E-09

630	490736.72	3859935.12	4.27E-06	4.21E-06	4.09E-06	1.48E-09	4.46E-09	2.58E-09	2.55E-09	2.31E-09	1.05E-09	1.02E-09	4.93E-11	1.19E-09	2.63E-10	3.46E-10	5.49E-10	9.67E-11	5.37E-10	3.03E-09
631	490086.72	3859985.12	4.46E-06	4.40E-06	4.27E-06	1.54E-09	4.66E-09	2.70E-09	2.66E-09	2.41E-09	1.10E-09	1.07E-09	5.15E-11	1.24E-09	2.75E-10	3.61E-10	5.73E-10	1.01E-10	5.61E-10	3.17E-09
632	490136.72	3859985.12	4.41E-06	4.35E-06	4.22E-06	1.53E-09	4.61E-09	2.67E-09	2.63E-09	2.39E-09	1.09E-09	1.06E-09	5.09E-11	1.23E-09	2.72E-10	3.57E-10	5.67E-10	9.99E-11	5.55E-10	3.13E-09
633	490186.72	3859985.12	4.37E-06	4.31E-06	4.18E-06	1.51E-09	4.56E-09	2.64E-09	2.61E-09	2.36E-09	1.08E-09	1.05E-09	5.05E-11	1.22E-09	2.69E-10	3.54E-10	5.62E-10	9.90E-11	5.50E-10	3.10E-09
634	490236.72	3859985.12	4.33E-06	4.27E-06	4.15E-06	1.50E-09	4.53E-09	2.62E-09	2.59E-09	2.34E-09	1.07E-09	1.04E-09	5.00E-11	1.21E-09	2.67E-10	3.51E-10	5.57E-10	9.81E-11	5.45E-10	3.08E-09
635	490286.72	3859985.12	4.28E-06	4.23E-06	4.11E-06	1.48E-09	4.48E-09	2.59E-09	2.56E-09	2.32E-09	1.06E-09	1.03E-09	4.95E-11	1.20E-09	2.64E-10	3.47E-10	5.51E-10	9.71E-11	5.39E-10	3.04E-09
636	490336.72	3859985.12	4.24E-06	4.18E-06	4.06E-06	1.47E-09	4.43E-09	2.56E-09	2.53E-09	2.29E-09	1.05E-09	1.02E-09	4.90E-11	1.18E-09	2.61E-10	3.43E-10	5.45E-10	9.60E-11	5.33E-10	3.01E-09
637	490386.72	3859985.12	4.18E-06	4.13E-06	4.01E-06	1.45E-09	4.37E-09	2.53E-09	2.50E-09	2.26E-09	1.03E-09	1.00E-09	4.83E-11	1.17E-09	2.58E-10	3.39E-10	5.38E-10	9.48E-11	5.26E-10	2.97E-09
638	490436.72	3859985.12	4.13E-06	4.08E-06	3.96E-06	1.43E-09	4.32E-09	2.50E-09	2.47E-09	2.24E-09	1.02E-09	9.91E-10	4.77E-11	1.15E-09	2.54E-10	3.35E-10	5.31E-10	9.36E-11	5.20E-10	2.94E-09
639	490486.72	3859985.12	4.09E-06	4.03E-06	3.92E-06	1.41E-09	4.27E-09	2.47E-09	2.44E-09	2.21E-09	1.01E-09	9.80E-10	4.72E-11	1.14E-09	2.52E-10	3.31E-10	5.26E-10	9.26E-11	5.14E-10	2.90E-09
640	490536.72	3859985.12	4.05E-06	4.00E-06	3.89E-06	1.40E-09	4.24E-09	2.45E-09	2.42E-09	2.19E-09	1.00E-09	9.72E-10	4.69E-11	1.13E-09	2.50E-10	3.29E-10	5.21E-10	9.19E-11	5.10E-10	2.88E-09
641	490586.72	3859985.12	4.03E-06	3.98E-06	3.86E-06	1.40E-09	4.21E-09	2.44E-09	2.41E-09	2.18E-09	9.96E-10	9.67E-10	4.66E-11	1.13E-09	2.48E-10	3.27E-10	5.18E-10	9.14E-11	5.07E-10	2.86E-09
642	490636.72	3859985.12	4.02E-06	3.96E-06	3.85E-06	1.39E-09	4.20E-09	2.43E-09	2.40E-09	2.17E-09	9.92E-10	9.63E-10	4.64E-11	1.12E-09	2.47E-10	3.26E-10	5.16E-10	9.10E-11	5.05E-10	2.85E-09
643	490686.72	3859985.12	4.01E-06	3.96E-06	3.85E-06	1.39E-09	4.20E-09	2.43E-09	2.40E-09	2.17E-09	9.92E-10	9.63E-10	4.64E-11	1.12E-09	2.47E-10	3.25E-10	5.16E-10	9.10E-11	5.05E-10	2.85E-09
644	490736.72	3859985.12	3.99E-06	3.94E-06	3.82E-06	1.38E-09	4.17E-09	2.41E-09	2.38E-09	2.16E-09	9.86E-10	9.57E-10	4.61E-11	1.11E-09	2.46E-10	3.24E-10	5.13E-10	9.05E-11	5.02E-10	2.84E-09
645	490786.72	3859985.12	3.97E-06	3.92E-06	3.81E-06	1.37E-09	4.15E-09	2.40E-09	2.37E-09	2.15E-09	9.81E-10	9.52E-10	4.59E-11	1.11E-09	2.45E-10	3.22E-10	5.11E-10	9.00E-11	5.00E-10	2.82E-09
646	490086.72	3860035.12	4.20E-06	4.15E-06	4.03E-06	1.45E-09	4.39E-09	2.54E-09	2.51E-09	2.27E-09	1.04E-09	1.01E-09	4.86E-11	1.17E-09	2.59E-10	3.41E-10	5.41E-10	9.53E-11	5.29E-10	2.99E-09
647	490136.72	3860035.12	4.16E-06	4.10E-06	3.98E-06	1.44E-09	4.34E-09	2.51E-09	2.48E-09	2.25E-09	1.03E-09	9.97E-10	4.80E-11	1.16E-09	2.56E-10	3.37E-10	5.34E-10	9.42E-11	5.23E-10	2.95E-09
648	490186.72	3860035.12	4.11E-06	4.06E-06	3.94E-06	1.42E-09	4.30E-09	2.49E-09	2.46E-09	2.23E-09	1.02E-09	9.87E-10	4.75E-11	1.15E-09	2.53E-10	3.33E-10	5.29E-10	9.32E-11	5.18E-10	2.92E-09
649	490236.72	3860035.12	4.07E-06	4.02E-06	3.90E-06	1.41E-09	4.26E-09	2.46E-09	2.43E-09	2.20E-09	1.01E-09	9.77E-10	4.71E-11	1.14E-09	2.51E-10	3.30E-10	5.24E-10	9.23E-11	5.13E-10	2.89E-09
650	490286.72	3860035.12	4.03E-06	3.98E-06	3.86E-06	1.40E-09	4.21E-09	2.44E-09	2.41E-09	2.18E-09	9.96E-10	9.67E-10	4.66E-11	1.13E-09	2.48E-10	3.27E-10	5.19E-10	9.14E-11	5.07E-10	2.86E-09
651	490336.72	3860035.12	4.00E-06	3.95E-06	3.83E-06	1.38E-09	4.18E-09	2.42E-09	2.39E-09	2.16E-09	9.88E-10	9.59E-10	4.62E-11	1.12E-09	2.46E-10	3.24E-10	5.14E-10	9.06E-11	5.03E-10	2.84E-09
652	490386.72	3860035.12	3.95E-06	3.90E-06	3.79E-06	1.37E-09	4.13E-09	2.39E-09	2.36E-09	2.14E-09	9.76E-10	9.47E-10	4.57E-11	1.10E-09	2.43E-10	3.20E-10	5.08E-10	8.95E-11	4.97E-10	2.81E-09
653	490436.72	3860035.12	3.91E-06	3.85E-06	3.74E-06	1.35E-09	4.08E-09	2.36E-09	2.33E-09	2.11E-09	9.65E-10	9.37E-10	4.51E-11	1.09E-09	2.41E-10	3.17E-10	5.02E-10	8.85E-11	4.92E-10	2.78E-09
654	490486.72	3860035.12	3.87E-06	3.81E-06	3.70E-06	1.34E-09	4.04E-09	2.34E-09	2.31E-09	2.09E-09	9.55E-10	9.27E-10	4.47E-11	1.08E-09	2.38E-10	3.13E-10	4.97E-10	8.76E-11	4.87E-10	2.75E-09
655	490536.72	3860035.12	3.83E-06	3.78E-06	3.67E-06	1.33E-09	4.01E-09	2.32E-09	2.29E-09	2.08E-09	9.47E-10	9.20E-10	4.43E-11	1.07E-09	2.36E-10	3.11E-10	4.93E-10	8.69E-11	4.83E-10	2.72E-09
656	490586.72	3860035.12	3.80E-06	3.75E-06	3.64E-06	1.32E-09	3.98E-09	2.30E-09	2.27E-09	2.06E-09	9.39E-10	9.12E-10	4.40E-11	1.06E-09	2.34E-10	3.08E-10	4.89E-10	8.62E-11	4.79E-10	2.70E-09
657	490636.72	3860035.12	3.77E-06	3.72E-06	3.61E-06	1.30E-09	3.94E-09	2.28E-09	2.25E-09	2.04E-09	9.30E-10	9.04E-10	4.35E-11	1.05E-09	2.32E-10	3.05E-10	4.84E-10	8.54E-11	4.74E-10	2.68E-09
658	490686.72	3860035.12	3.75E-06	3.70E-06	3.59E-06	1.30E-09	3.92E-09	2.27E-09	2.24E-09	2.03E-09	9.26E-10	9.00E-10	4.34E-11	1.05E-09	2.31E-10	3.04E-10	4.82E-10	8.50E-11	4.72E-10	2.67E-09
659	490736.72	3860035.12	3.75E-06	3.71E-06	3.60E-06	1.30E-09	3.92E-09	2.27E-09	2.24E-09	2.03E-09	9.27E-10	9.00E-10	4.34E-11	1.05E-09	2.31E-10	3.04E-10	4.83E-10	8.51E-11	4.73E-10	2.67E-09
660	490786.72	3860035.12	3.73E-06	3.68E-06	3.57E-06	1.29E-09	3.90E-09	2.26E-09	2.23E-09	2.02E-09	9.21E-10	8.95E-10	4.31E-11	1.04E-09	2.30E-10	3.02E-10	4.80E-10	8.46E-11	4.70E-10	2.65E-09
661	490836.72	3860035.12	3.71E-06	3.66E-06	3.55E-06	1.28E-09	3.87E-09	2.24E-09	2.21E-09	2.01E-09	9.15E-10	8.89E-10	4.28E-11	1.03E-09	2.28E-10	3.00E-10	4.77E-10	8.40E-11	4.67E-10	2.63E-09
662	490086.72	3860085.12	4.00E-06	3.95E-06	3.83E-06	1.38E-09	4.18E-09	2.42E-09	2.39E-09	2.17E-09	9.88E-10	9.60E-10	4.62E-11	1.12E-09	2.46E-10	3.24E-10	5.15E-10	9.07E-11	5.04E-10	2.84E-09
663	490136.72	3860085.12	3.94E-06	3.88E-06	3.77E-06	1.36E-09	4.11E-09	2.38E-09	2.35E-09	2.13E-09	9.72E-10	9.44E-10	4.55E-11	1.10E-09	2.43E-10	3.19E-10	5.06E-10	8.92E-11	4.96E-10	2.80E-09
664	490186.72	3860085.12	3.90E-06	3.85E-06	3.74E-06	1.35E-09	4.08E-09	2.36E-09	2.33E-09	2.11E-09	9.63E-10	9.35E-10	4.51E-11	1.09E-09	2.40E-10	3.16E-10	5.01E-10	8.84E-11	4.91E-10	2.77E-09
665	490236.72	3860085.12	3.86E-06	3.81E-06	3.70E-06	1.34E-09	4.03E-09	2.33E-09	2.30E-09	2.09E-09	9.53E-10	9.25E-10	4.46E-11	1.08E-09	2.38E-10	3.13E-10	4.96E-10	8.74E-11	4.86E-10	2.74E-09
666	490286.72	3860085.12	3.82E-06	3.77E-06	3.66E-06	1.32E-09	3.99E-09	2.31E-09	2.28E-09	2.07E-09	9.43E-10	9.16E-10	4.41E-11	1.07E-09	2.35E-10	3.10E-10	4.91E-10	8.65E-11	4.81E-10	2.71E-09
667	490336.72	3860085.12	3.78E-06	3.73E-06	3.62E-06	1.31E-09	3.95E-09	2.29E-09	2.26E-09	2.04E-09	9.33E-10	9.06E-10	4.37E-11	1.05E-09	2.33E-10	3.06E-10	4.86E-10	8.56E-11	4.75E-10	2.68E-09
668	490386.72	3860085.12	3.74E-06	3.69E-06	3.58E-06	1.29E-09	3.91E-09	2.26E-09	2.23E-09	2.02E-09	9.24E-10	8.97E-10	4.32E-11	1.04E-09	2.30E-10	3.03E-10	4.81E-10	8.48E-11	4.71E-10	2.66E-09
669	490436.72	3860085.12	3.70E-06	3.65E-06	3.55E-06	1.28E-09	3.87E-09	2.24E-09	2.21E-09	2.00E-09	9.14E-10	8.88E-10	4.28E-11	1.03E-09	2.28E-10	3.00E-10	4.76E-10	8.39E-11	4.66E-10	2.63E-09
670	490486.72	3860085.12	3.66E-06	3.61E-06	3.51E-06	1.27E-09	3.83E-09	2.22E-09	2.19E-09	1.98E-09	9.05E-10	8.78E-10	4.23E-11	1.02E-09	2.26E-10	2.97E-10	4.71E-10	8.30E-11	4.61E-10	2.60E-09
671	490536.72	3860085.12	3.63E-06	3.59E-06	3.48E-06	1.26E-09	3.80E-09	2.20E-09	2.17E-09	1.97E-09	8.97E-10	8.71E-10	4.20E-11	1.01E-09	2.24E-10	2.95E-10	4.67E-10	8.24E-11	4.57E-10	2.58E-09
672	490586.72	3860085.12	3.60E-06	3.56E-06	3.45E-06	1.25E-09	3.77E-09	2.18E-09	2.15E-09	1.95E-09	8.90E-10	8.65E-10	4.17E-11	1.01E-09	2.22E-10	2.92E-10	4.64E-10	8.17E-11	4.54E-10	2.56E-09
673	490636.72	3860085.12	3.57E-06	3.53E-06	3.42E-06	1.24E-09	3.73E-09	2.16E-09	2.13E-09	1.93E-09	8.82E-10	8.57E-10	4.13E-11	9.97E-10	2.20E-10	2.90E-10	4.59E-10	8.10E-11	4.50E-10	2.54E-09
674	490686.72	3860085.12	3.55E-06	3.50E-06	3.40E-06	1.23E-09	3.71E-09	2.15E-09	2.12E-09	1.92E-09	8.77E-10	8.51E-10	4.10E-11	9.91E-10	2.19E-10	2.88E-10	4.57E-10	8.05E-11	4.47E-10	2.52E-09
675	490736.72	3860085.12	3.53E-06	3.49E-06	3.39E-06	1.22E-09	3.69E-09	2.14E-09	2.11E-09	1.91E-09	8.73E-10	8.48E-10	4.09E-11	9.87E-10	2.18E-10	2.87E-10	4.55E-10	8.01E-11	4.45E-10	2.51E-09
676	490786.72	3860085.12	3.52E-06	3.47E-06	3.37E-06	1.22E-09	3.68E-09	2.13E-09	2.10E-09	1.91E-09	8.69E-10	8.44E-10	4.07E-11	9.83E-10	2.17E-10	2.85E-10	4.53E-10	7.98E-11	4.43E-10	2.50E-09
677	490836.72	3860085.12	3.49E-06	3.45E-06	3.35E-06	1.21E-09	3.65E-09	2.11E-09	2.09E-09	1.89E-09	8.63E-10	8.38E-10	4.04E-11	9.75E-10	2.15E-10	2.83E-10	4.49E-10	7.92E-11	4.40E-10	2.48E-09
678	490086.72	3860135.12	3.79E-06	3.74E-06	3.63E-06	1.31E-09	3.96E-09	2.29E-09	2.26E-09	2.05E-09	9.36E-10	9.09E-10	4.38E-11	1.06E-09	2.33E-10	3.07E-10	4.87E-10	8.59E-11	4.77E-10	2.69E-09
679	490136.72	3860135.12	3.74E-06	3.69E-06	3.59E-06	1.30E-09	3.91E-09	2.27E-09	2.24E-09	2.03E-09	9.25E-10	8.98E-10	4.33E-11	1.05E-09	2.31E-10	3.04E-10	4.82E-10	8.49E-11	4.71E-10	2.66E-09
680	490186.72	3860135.12	3.70E-06	3.65E-06	3.55E-06	1.28E-09	3.87E-09	2.24E-09	2.21E-09	2.00E-09	9.15E-10	8.88E-10	4.28E-11	1.03E-09	2.28E-10	3.00E-10	4.76E-10	8.39E-11	4.66E-10	2.63E-09
681	490236.72	3860135.12	3.66E-06	3.61E-06	3.51E-06	1.27E-09	3.82E-09	2.21E-09	2.18E-09	1.98E-09	9.04E-10	8.78E-10	4.23E-11	1.02E-09	2.25E-10	2.97E-10	4.71E-10	8.29E-11	4.61E-10	2.60E-09
682	490286.72	3860135.12	3.62E-06	3.57E-06	3.47E-06	1.25E-09	3.78E-09	2.19E-09	2.16E-09	1.96E-09	8.94E-10	8.69E-10	4.19E-11	1.01E-09	2.23E-10	2.94E-10	4.66E-10	8.21E-11	4.56E-10	2.57E-09

683	490336.72	3860135.12	3.59E-06	3.54E-06	3.44E-06	1.24E-09	3.75E-09	2.17E-09	2.14E-09	1.94E-09	8.86E-10	8.60E-10	4.14E-11	1.00E-09	2.21E-10	2.91E-10	4.61E-10	8.13E-11	4.51E-10	2.55E-09
684	490386.72	3860135.12	3.55E-06	3.50E-06	3.40E-06	1.23E-09	3.71E-09	2.15E-09	2.12E-09	1.92E-09	8.77E-10	8.51E-10	4.10E-11	9.91E-10	2.19E-10	2.88E-10	4.57E-10	8.05E-11	4.47E-10	2.52E-09
685	490436.72	3860135.12	3.51E-06	3.47E-06	3.37E-06	1.22E-09	3.67E-09	2.13E-09	2.10E-09	1.90E-09	8.68E-10	8.43E-10	4.06E-11	9.81E-10	2.16E-10	2.85E-10	4.52E-10	7.96E-11	4.42E-10	2.50E-09
686	490486.72	3860135.12	3.48E-06	3.44E-06	3.34E-06	1.21E-09	3.64E-09	2.11E-09	2.08E-09	1.88E-09	8.60E-10	8.35E-10	4.02E-11	9.72E-10	2.14E-10	2.82E-10	4.48E-10	7.89E-11	4.38E-10	2.47E-09
687	490536.72	3860135.12	3.46E-06	3.41E-06	3.31E-06	1.20E-09	3.61E-09	2.09E-09	2.06E-09	1.87E-09	8.54E-10	8.29E-10	4.00E-11	9.65E-10	2.13E-10	2.80E-10	4.45E-10	7.84E-11	4.35E-10	2.46E-09
688	490586.72	3860135.12	3.43E-06	3.38E-06	3.29E-06	1.19E-09	3.58E-09	2.07E-09	2.05E-09	1.86E-09	8.47E-10	8.22E-10	3.96E-11	9.57E-10	2.11E-10	2.78E-10	4.41E-10	7.77E-11	4.32E-10	2.44E-09
689	490636.72	3860135.12	3.40E-06	3.36E-06	3.26E-06	1.18E-09	3.55E-09	2.06E-09	2.03E-09	1.84E-09	8.40E-10	8.15E-10	3.93E-11	9.49E-10	2.09E-10	2.76E-10	4.37E-10	7.71E-11	4.28E-10	2.42E-09
690	490686.72	3860135.12	3.37E-06	3.33E-06	3.23E-06	1.17E-09	3.52E-09	2.04E-09	2.01E-09	1.82E-09	8.33E-10	8.08E-10	3.90E-11	9.41E-10	2.08E-10	2.73E-10	4.34E-10	7.64E-11	4.24E-10	2.40E-09
691	490736.72	3860135.12	3.35E-06	3.30E-06	3.21E-06	1.16E-09	3.50E-09	2.02E-09	2.00E-09	1.81E-09	8.27E-10	8.03E-10	3.87E-11	9.34E-10	2.06E-10	2.71E-10	4.30E-10	7.59E-11	4.21E-10	2.38E-09
692	490786.72	3860135.12	3.33E-06	3.29E-06	3.19E-06	1.15E-09	3.48E-09	2.02E-09	1.99E-09	1.80E-09	8.23E-10	7.99E-10	3.85E-11	9.30E-10	2.05E-10	2.70E-10	4.28E-10	7.55E-11	4.19E-10	2.37E-09
693	490836.72	3860135.12	3.30E-06	3.26E-06	3.17E-06	1.14E-09	3.45E-09	2.00E-09	1.97E-09	1.79E-09	8.16E-10	7.92E-10	3.82E-11	9.22E-10	2.04E-10	2.68E-10	4.25E-10	7.49E-11	4.16E-10	2.35E-09
694	490086.72	3860185.12	3.62E-06	3.57E-06	3.47E-06	1.25E-09	3.78E-09	2.19E-09	2.16E-09	1.96E-09	8.93E-10	8.68E-10	4.18E-11	1.01E-09	2.23E-10	2.93E-10	4.65E-10	8.20E-11	4.55E-10	2.57E-09
695	490136.72	3860185.12	3.58E-06	3.53E-06	3.43E-06	1.24E-09	3.74E-09	2.16E-09	2.14E-09	1.94E-09	8.83E-10	8.58E-10	4.13E-11	9.99E-10	2.20E-10	2.90E-10	4.60E-10	8.11E-11	4.50E-10	2.54E-09
696	490186.72	3860185.12	3.53E-06	3.49E-06	3.39E-06	1.22E-09	3.69E-09	2.14E-09	2.11E-09	1.91E-09	8.73E-10	8.48E-10	4.09E-11	9.87E-10	2.18E-10	2.87E-10	4.55E-10	8.01E-11	4.45E-10	2.51E-09
697	490236.72	3860185.12	3.49E-06	3.44E-06	3.34E-06	1.21E-09	3.65E-09	2.11E-09	2.08E-09	1.89E-09	8.62E-10	8.37E-10	4.03E-11	9.74E-10	2.15E-10	2.83E-10	4.49E-10	7.91E-11	4.39E-10	2.48E-09
698	490286.72	3860185.12	3.45E-06	3.40E-06	3.31E-06	1.19E-09	3.60E-09	2.09E-09	2.06E-09	1.87E-09	8.52E-10	8.27E-10	3.99E-11	9.63E-10	2.12E-10	2.80E-10	4.44E-10	7.82E-11	4.34E-10	2.45E-09
699	490336.72	3860185.12	3.41E-06	3.37E-06	3.27E-06	1.18E-09	3.57E-09	2.06E-09	2.04E-09	1.85E-09	8.43E-10	8.18E-10	3.94E-11	9.52E-10	2.10E-10	2.77E-10	4.39E-10	7.73E-11	4.29E-10	2.42E-09
700	490386.72	3860185.12	3.38E-06	3.33E-06	3.24E-06	1.17E-09	3.53E-09	2.04E-09	2.02E-09	1.83E-09	8.34E-10	8.10E-10	3.90E-11	9.43E-10	2.08E-10	2.74E-10	4.34E-10	7.66E-11	4.25E-10	2.40E-09
701	490436.72	3860185.12	3.35E-06	3.30E-06	3.21E-06	1.16E-09	3.50E-09	2.02E-09	2.00E-09	1.81E-09	8.27E-10	8.03E-10	3.87E-11	9.34E-10	2.06E-10	2.71E-10	4.30E-10	7.59E-11	4.21E-10	2.38E-09
702	490486.72	3860185.12	3.32E-06	3.27E-06	3.18E-06	1.15E-09	3.47E-09	2.01E-09	1.98E-09	1.80E-09	8.19E-10	7.96E-10	3.83E-11	9.26E-10	2.04E-10	2.69E-10	4.27E-10	7.52E-11	4.17E-10	2.36E-09
703	490536.72	3860185.12	3.29E-06	3.25E-06	3.15E-06	1.14E-09	3.44E-09	1.99E-09	1.97E-09	1.78E-09	8.13E-10	7.90E-10	3.80E-11	9.19E-10	2.03E-10	2.67E-10	4.23E-10	7.46E-11	4.14E-10	2.34E-09
704	490586.72	3860185.12	3.27E-06	3.23E-06	3.14E-06	1.13E-09	3.42E-09	1.98E-09	1.95E-09	1.77E-09	8.08E-10	7.85E-10	3.78E-11	9.13E-10	2.02E-10	2.65E-10	4.21E-10	7.42E-11	4.12E-10	2.32E-09
705	490636.72	3860185.12	3.24E-06	3.20E-06	3.11E-06	1.12E-09	3.39E-09	1.96E-09	1.94E-09	1.76E-09	8.01E-10	7.78E-10	3.75E-11	9.05E-10	2.00E-10	2.63E-10	4.17E-10	7.35E-11	4.08E-10	2.30E-09
706	490686.72	3860185.12	3.22E-06	3.18E-06	3.08E-06	1.11E-09	3.36E-09	1.95E-09	1.92E-09	1.74E-09	7.95E-10	7.72E-10	3.72E-11	8.99E-10	1.98E-10	2.61E-10	4.14E-10	7.30E-11	4.05E-10	2.29E-09
707	490736.72	3860185.12	3.19E-06	3.15E-06	3.05E-06	1.10E-09	3.33E-09	1.93E-09	1.90E-09	1.73E-09	7.87E-10	7.65E-10	3.68E-11	8.90E-10	1.96E-10	2.58E-10	4.10E-10	7.22E-11	4.01E-10	2.27E-09
708	490786.72	3860185.12	3.16E-06	3.12E-06	3.03E-06	1.10E-09	3.31E-09	1.91E-09	1.89E-09	1.71E-09	7.82E-10	7.59E-10	3.66E-11	8.84E-10	1.95E-10	2.57E-10	4.07E-10	7.17E-11	3.98E-10	2.25E-09
709	490836.72	3860185.12	3.14E-06	3.10E-06	3.01E-06	1.09E-09	3.28E-09	1.90E-09	1.88E-09	1.70E-09	7.76E-10	7.53E-10	3.63E-11	8.77E-10	1.94E-10	2.55E-10	4.04E-10	7.12E-11	3.95E-10	2.23E-09
710	490086.72	3860235.12	3.47E-06	3.42E-06	3.33E-06	1.20E-09	3.63E-09	2.10E-09	2.07E-09	1.88E-09	8.57E-10	8.32E-10	4.01E-11	9.69E-10	2.14E-10	2.81E-10	4.46E-10	7.87E-11	4.37E-10	2.47E-09
711	490136.72	3860235.12	3.43E-06	3.38E-06	3.28E-06	1.19E-09	3.58E-09	2.07E-09	2.05E-09	1.85E-09	8.46E-10	8.22E-10	3.96E-11	9.57E-10	2.11E-10	2.78E-10	4.41E-10	7.77E-11	4.31E-10	2.43E-09
712	490186.72	3860235.12	3.38E-06	3.34E-06	3.24E-06	1.17E-09	3.54E-09	2.05E-09	2.02E-09	1.83E-09	8.36E-10	8.12E-10	3.91E-11	9.45E-10	2.09E-10	2.74E-10	4.35E-10	7.67E-11	4.26E-10	2.40E-09
713	490236.72	3860235.12	3.34E-06	3.30E-06	3.20E-06	1.16E-09	3.49E-09	2.02E-09	1.99E-09	1.81E-09	8.25E-10	8.01E-10	3.86E-11	9.33E-10	2.06E-10	2.71E-10	4.30E-10	7.57E-11	4.21E-10	2.37E-09
714	490286.72	3860235.12	3.30E-06	3.26E-06	3.16E-06	1.14E-09	3.45E-09	2.00E-09	1.97E-09	1.79E-09	8.15E-10	7.91E-10	3.81E-11	9.21E-10	2.03E-10	2.67E-10	4.24E-10	7.48E-11	4.15E-10	2.34E-09
715	490336.72	3860235.12	3.26E-06	3.22E-06	3.13E-06	1.13E-09	3.41E-09	1.97E-09	1.95E-09	1.77E-09	8.06E-10	7.82E-10	3.77E-11	9.11E-10	2.01E-10	2.64E-10	4.19E-10	7.39E-11	4.11E-10	2.32E-09
716	490386.72	3860235.12	3.23E-06	3.18E-06	3.09E-06	1.12E-09	3.37E-09	1.95E-09	1.93E-09	1.75E-09	7.97E-10	7.74E-10	3.73E-11	9.01E-10	1.99E-10	2.62E-10	4.15E-10	7.31E-11	4.06E-10	2.29E-09
717	490436.72	3860235.12	3.20E-06	3.16E-06	3.06E-06	1.11E-09	3.34E-09	1.93E-09	1.91E-09	1.73E-09	7.90E-10	7.67E-10	3.70E-11	8.93E-10	1.97E-10	2.59E-10	4.11E-10	7.25E-11	4.03E-10	2.27E-09
718	490486.72	3860235.12	3.17E-06	3.13E-06	3.04E-06	1.10E-09	3.31E-09	1.92E-09	1.89E-09	1.72E-09	7.83E-10	7.60E-10	3.66E-11	8.85E-10	1.95E-10	2.57E-10	4.08E-10	7.18E-11	3.99E-10	2.25E-09
719	490536.72	3860235.12	3.15E-06	3.10E-06	3.01E-06	1.09E-09	3.29E-09	1.90E-09	1.88E-09	1.70E-09	7.77E-10	7.54E-10	3.64E-11	8.78E-10	1.94E-10	2.55E-10	4.05E-10	7.13E-11	3.96E-10	2.24E-09
720	490586.72	3860235.12	3.12E-06	3.08E-06	2.99E-06	1.08E-09	3.27E-09	1.89E-09	1.87E-09	1.69E-09	7.72E-10	7.49E-10	3.61E-11	8.72E-10	1.92E-10	2.53E-10	4.02E-10	7.08E-11	3.93E-10	2.22E-09
721	490636.72	3860235.12	3.10E-06	3.06E-06	2.97E-06	1.07E-09	3.24E-09	1.88E-09	1.85E-09	1.68E-09	7.66E-10	7.44E-10	3.59E-11	8.66E-10	1.91E-10	2.51E-10	3.99E-10	7.03E-11	3.90E-10	2.20E-09
722	490686.72	3860235.12	3.08E-06	3.04E-06	2.95E-06	1.07E-09	3.22E-09	1.86E-09	1.84E-09	1.67E-09	7.60E-10	7.38E-10	3.56E-11	8.60E-10	1.90E-10	2.50E-10	3.96E-10	6.98E-11	3.88E-10	2.19E-09
723	490736.72	3860235.12	3.05E-06	3.01E-06	2.93E-06	1.06E-09	3.19E-09	1.85E-09	1.82E-09	1.65E-09	7.54E-10	7.32E-10	3.53E-11	8.52E-10	1.88E-10	2.47E-10	3.93E-10	6.92E-11	3.84E-10	2.17E-09
724	490786.72	3860235.12	3.02E-06	2.99E-06	2.90E-06	1.05E-09	3.16E-09	1.83E-09	1.81E-09	1.64E-09	7.47E-10	7.26E-10	3.50E-11	8.45E-10	1.86E-10	2.45E-10	3.89E-10	6.86E-11	3.81E-10	2.15E-09
725	490086.72	3860285.12	3.33E-06	3.29E-06	3.19E-06	1.15E-09	3.48E-09	2.02E-09	1.99E-09	1.80E-09	8.23E-10	7.99E-10	3.85E-11	9.31E-10	2.05E-10	2.70E-10	4.29E-10	7.56E-11	4.20E-10	2.37E-09
726	490136.72	3860285.12	3.29E-06	3.25E-06	3.15E-06	1.14E-09	3.44E-09	1.99E-09	1.97E-09	1.78E-09	8.13E-10	7.90E-10	3.80E-11	9.19E-10	2.03E-10	2.67E-10	4.23E-10	7.46E-11	4.14E-10	2.34E-09
727	490186.72	3860285.12	3.25E-06	3.21E-06	3.11E-06	1.12E-09	3.40E-09	1.97E-09	1.94E-09	1.76E-09	8.02E-10	7.79E-10	3.75E-11	9.07E-10	2.00E-10	2.63E-10	4.18E-10	7.36E-11	4.09E-10	2.31E-09
728	490236.72	3860285.12	3.21E-06	3.17E-06	3.08E-06	1.11E-09	3.35E-09	1.94E-09	1.92E-09	1.74E-09	7.93E-10	7.70E-10	3.71E-11	8.96E-10	1.98E-10	2.60E-10	4.13E-10	7.27E-11	4.04E-10	2.28E-09
729	490286.72	3860285.12	3.17E-06	3.12E-06	3.03E-06	1.10E-09	3.31E-09	1.92E-09	1.89E-09	1.71E-09	7.82E-10	7.59E-10	3.66E-11	8.84E-10	1.95E-10	2.57E-10	4.07E-10	7.18E-11	3.99E-10	2.25E-09
730	490336.72	3860285.12	3.13E-06	3.09E-06	3.00E-06	1.08E-09	3.27E-09	1.89E-09	1.87E-09	1.69E-09	7.72E-10	7.50E-10	3.61E-11	8.73E-10	1.93E-10	2.54E-10	4.02E-10	7.09E-11	3.94E-10	2.22E-09
731	490386.72	3860285.12	3.09E-06	3.05E-06	2.97E-06	1.07E-09	3.23E-09	1.87E-09	1.85E-09	1.68E-09	7.64E-10	7.42E-10	3.58E-11	8.64E-10	1.91E-10	2.51E-10	3.98E-10	7.02E-11	3.90E-10	2.20E-09
732	490436.72	3860285.12	3.06E-06	3.02E-06	2.94E-06	1.06E-09	3.20E-09	1.85E-09	1.83E-09	1.66E-09	7.57E-10	7.35E-10	3.54E-11	8.55E-10	1.89E-10	2.48E-10	3.94E-10	6.94E-11	3.86E-10	2.18E-09
733	490486.72	3860285.12	3.04E-06	3.00E-06	2.91E-06	1.05E-09	3.17E-09	1.84E-09	1.81E-09	1.64E-09	7.50E-10	7.28E-10	3.51E-11	8.48E-10	1.87E-10	2.46E-10	3.91E-10	6.88E-11	3.82E-10	2.16E-09
734	490536.72	3860285.12	3.01E-06	2.97E-06	2.89E-06	1.04E-09	3.15E-09	1.82E-09	1.80E-09	1.63E-09	7.44E-10	7.22E-10	3.48E-11	8.41E-10	1.85E-10	2.44E-10	3.87E-10	6.82E-11	3.79E-10	2.14E-09
735	490586.72	3860285.12	2.99E-06	2.95E-06	2.86E-06	1.03E-09	3.12E-09	1.81E-09	1.78E-09	1.62E-09	7.38E-10	7.17E-10	3.45E-11	8.34E-10	1.84E-10	2.42E-10	3.84E-10	6.77E-11	3.76E-10	2.12E-09

736	490636.72	3860285.12	2.97E-06	2.93E-06	2.84E-06	1.03E-09	3.10E-09	1.80E-09	1.77E-09	1.61E-09	7.33E-10	7.12E-10	3.43E-11	8.29E-10	1.83E-10	2.41E-10	3.82E-10	6.73E-11	3.74E-10	2.11E-09
737	490686.72	3860285.12	2.95E-06	2.91E-06	2.83E-06	1.02E-09	3.08E-09	1.78E-09	1.76E-09	1.60E-09	7.28E-10	7.07E-10	3.41E-11	8.23E-10	1.82E-10	2.39E-10	3.79E-10	6.68E-11	3.71E-10	2.10E-09
738	490736.72	3860285.12	2.93E-06	2.89E-06	2.80E-06	1.01E-09	3.06E-09	1.77E-09	1.75E-09	1.58E-09	7.23E-10	7.02E-10	3.38E-11	8.17E-10	1.80E-10	2.37E-10	3.76E-10	6.63E-11	3.68E-10	2.08E-09
739	490786.72	3860285.12	2.90E-06	2.87E-06	2.78E-06	1.00E-09	3.03E-09	1.76E-09	1.73E-09	1.57E-09	7.17E-10	6.96E-10	3.36E-11	8.11E-10	1.79E-10	2.35E-10	3.73E-10	6.58E-11	3.65E-10	2.06E-09
740	490086.72	3860335.12	3.21E-06	3.16E-06	3.07E-06	1.11E-09	3.35E-09	1.94E-09	1.91E-09	1.74E-09	7.92E-10	7.69E-10	3.71E-11	8.95E-10	1.98E-10	2.60E-10	4.12E-10	7.27E-11	4.04E-10	2.28E-09
741	490136.72	3860335.12	3.17E-06	3.13E-06	3.04E-06	1.10E-09	3.31E-09	1.92E-09	1.89E-09	1.71E-09	7.83E-10	7.60E-10	3.66E-11	8.85E-10	1.95E-10	2.57E-10	4.07E-10	7.18E-11	3.99E-10	2.25E-09
742	490186.72	3860335.12	3.13E-06	3.09E-06	3.00E-06	1.08E-09	3.27E-09	1.89E-09	1.87E-09	1.69E-09	7.72E-10	7.50E-10	3.61E-11	8.73E-10	1.93E-10	2.53E-10	4.02E-10	7.09E-11	3.94E-10	2.22E-09
743	490236.72	3860335.12	3.09E-06	3.05E-06	2.96E-06	1.07E-09	3.23E-09	1.87E-09	1.84E-09	1.67E-09	7.63E-10	7.41E-10	3.57E-11	8.63E-10	1.90E-10	2.50E-10	3.97E-10	7.00E-11	3.89E-10	2.20E-09
744	490286.72	3860335.12	3.05E-06	3.01E-06	2.92E-06	1.06E-09	3.19E-09	1.84E-09	1.82E-09	1.65E-09	7.53E-10	7.31E-10	3.52E-11	8.51E-10	1.88E-10	2.47E-10	3.92E-10	6.91E-11	3.84E-10	2.17E-09
745	490336.72	3860335.12	3.01E-06	2.97E-06	2.88E-06	1.04E-09	3.15E-09	1.82E-09	1.80E-09	1.63E-09	7.43E-10	7.22E-10	3.48E-11	8.40E-10	1.85E-10	2.44E-10	3.87E-10	6.82E-11	3.79E-10	2.14E-09
746	490386.72	3860335.12	2.98E-06	2.94E-06	2.85E-06	1.03E-09	3.11E-09	1.80E-09	1.78E-09	1.61E-09	7.35E-10	7.14E-10	3.44E-11	8.31E-10	1.83E-10	2.41E-10	3.83E-10	6.74E-11	3.75E-10	2.11E-09
747	490436.72	3860335.12	2.94E-06	2.91E-06	2.82E-06	1.02E-09	3.08E-09	1.78E-09	1.76E-09	1.59E-09	7.27E-10	7.06E-10	3.40E-11	8.22E-10	1.81E-10	2.39E-10	3.79E-10	6.67E-11	3.71E-10	2.09E-09
748	490486.72	3860335.12	2.92E-06	2.88E-06	2.80E-06	1.01E-09	3.05E-09	1.76E-09	1.74E-09	1.58E-09	7.20E-10	7.00E-10	3.37E-11	8.14E-10	1.80E-10	2.36E-10	3.75E-10	6.61E-11	3.67E-10	2.07E-09
749	490536.72	3860335.12	2.89E-06	2.86E-06	2.77E-06	1.00E-09	3.02E-09	1.75E-09	1.73E-09	1.57E-09	7.15E-10	6.94E-10	3.34E-11	8.08E-10	1.78E-10	2.35E-10	3.72E-10	6.56E-11	3.64E-10	2.06E-09
750	490586.72	3860335.12	2.87E-06	2.83E-06	2.75E-06	9.93E-10	3.00E-09	1.74E-09	1.71E-09	1.55E-09	7.09E-10	6.88E-10	3.32E-11	8.01E-10	1.77E-10	2.33E-10	3.69E-10	6.50E-11	3.61E-10	2.04E-09
751	490636.72	3860335.12	2.85E-06	2.81E-06	2.73E-06	9.86E-10	2.98E-09	1.72E-09	1.70E-09	1.54E-09	7.03E-10	6.83E-10	3.29E-11	7.95E-10	1.75E-10	2.31E-10	3.66E-10	6.46E-11	3.59E-10	2.02E-09
752	490686.72	3860335.12	2.83E-06	2.79E-06	2.71E-06	9.79E-10	2.96E-09	1.71E-09	1.69E-09	1.53E-09	6.99E-10	6.78E-10	3.27E-11	7.90E-10	1.74E-10	2.29E-10	3.64E-10	6.41E-11	3.56E-10	2.01E-09
753	490736.72	3860335.12	2.81E-06	2.77E-06	2.69E-06	9.72E-10	2.94E-09	1.70E-09	1.68E-09	1.52E-09	6.94E-10	6.74E-10	3.25E-11	7.84E-10	1.73E-10	2.28E-10	3.61E-10	6.37E-11	3.54E-10	2.00E-09
754	490786.72	3860335.12	2.79E-06	2.76E-06	2.68E-06	9.66E-10	2.92E-09	1.69E-09	1.67E-09	1.51E-09	6.90E-10	6.70E-10	3.23E-11	7.79E-10	1.72E-10	2.26E-10	3.59E-10	6.33E-11	3.51E-10	1.98E-09
755	490086.72	3860385.12	3.09E-06	3.05E-06	2.96E-06	1.07E-09	3.23E-09	1.87E-09	1.85E-09	1.67E-09	7.64E-10	7.42E-10	3.57E-11	8.63E-10	1.91E-10	2.51E-10	3.98E-10	7.01E-11	3.89E-10	2.20E-09
756	490136.72	3860385.12	3.06E-06	3.02E-06	2.93E-06	1.06E-09	3.19E-09	1.85E-09	1.82E-09	1.65E-09	7.55E-10	7.33E-10	3.53E-11	8.53E-10	1.88E-10	2.48E-10	3.93E-10	6.93E-11	3.85E-10	2.17E-09
757	490186.72	3860385.12	3.01E-06	2.97E-06	2.89E-06	1.04E-09	3.15E-09	1.82E-09	1.80E-09	1.63E-09	7.44E-10	7.23E-10	3.48E-11	8.41E-10	1.86E-10	2.44E-10	3.87E-10	6.83E-11	3.79E-10	2.14E-09
758	490236.72	3860385.12	2.98E-06	2.94E-06	2.85E-06	1.03E-09	3.11E-09	1.80E-09	1.78E-09	1.61E-09	7.35E-10	7.14E-10	3.44E-11	8.31E-10	1.83E-10	2.41E-10	3.83E-10	6.75E-11	3.75E-10	2.11E-09
759	490286.72	3860385.12	2.94E-06	2.90E-06	2.82E-06	1.02E-09	3.07E-09	1.78E-09	1.75E-09	1.59E-09	7.26E-10	7.05E-10	3.40E-11	8.20E-10	1.81E-10	2.38E-10	3.78E-10	6.66E-11	3.70E-10	2.09E-09
760	490336.72	3860385.12	2.90E-06	2.86E-06	2.78E-06	1.00E-09	3.03E-09	1.76E-09	1.73E-09	1.57E-09	7.17E-10	6.96E-10	3.36E-11	8.10E-10	1.79E-10	2.35E-10	3.73E-10	6.58E-11	3.65E-10	2.06E-09
761	490386.72	3860385.12	2.87E-06	2.83E-06	2.75E-06	9.93E-10	3.00E-09	1.74E-09	1.71E-09	1.55E-09	7.08E-10	6.88E-10	3.32E-11	8.01E-10	1.77E-10	2.33E-10	3.69E-10	6.50E-11	3.61E-10	2.04E-09
762	490436.72	3860385.12	2.84E-06	2.80E-06	2.72E-06	9.82E-10	2.97E-09	1.72E-09	1.69E-09	1.54E-09	7.01E-10	6.81E-10	3.28E-11	7.92E-10	1.75E-10	2.30E-10	3.65E-10	6.43E-11	3.57E-10	2.02E-09
763	490486.72	3860385.12	2.81E-06	2.77E-06	2.69E-06	9.73E-10	2.94E-09	1.70E-09	1.68E-09	1.52E-09	6.94E-10	6.74E-10	3.25E-11	7.85E-10	1.73E-10	2.28E-10	3.62E-10	6.37E-11	3.54E-10	2.00E-09
764	490536.72	3860385.12	2.79E-06	2.75E-06	2.67E-06	9.64E-10	2.91E-09	1.69E-09	1.66E-09	1.51E-09	6.88E-10	6.68E-10	3.22E-11	7.78E-10	1.72E-10	2.26E-10	3.58E-10	6.32E-11	3.51E-10	1.98E-09
765	490586.72	3860385.12	2.76E-06	2.73E-06	2.65E-06	9.56E-10	2.89E-09	1.67E-09	1.65E-09	1.50E-09	6.82E-10	6.63E-10	3.19E-11	7.71E-10	1.70E-10	2.24E-10	3.55E-10	6.26E-11	3.48E-10	1.96E-09
766	490636.72	3860385.12	2.74E-06	2.70E-06	2.63E-06	9.48E-10	2.86E-09	1.66E-09	1.64E-09	1.48E-09	6.77E-10	6.57E-10	3.17E-11	7.65E-10	1.69E-10	2.22E-10	3.52E-10	6.21E-11	3.45E-10	1.95E-09
767	490686.72	3860385.12	2.72E-06	2.69E-06	2.61E-06	9.42E-10	2.84E-09	1.65E-09	1.63E-09	1.47E-09	6.72E-10	6.53E-10	3.15E-11	7.60E-10	1.68E-10	2.21E-10	3.50E-10	6.17E-11	3.43E-10	1.93E-09
768	490736.72	3860385.12	2.70E-06	2.66E-06	2.59E-06	9.35E-10	2.82E-09	1.63E-09	1.61E-09	1.46E-09	6.67E-10	6.48E-10	3.12E-11	7.54E-10	1.66E-10	2.19E-10	3.47E-10	6.12E-11	3.40E-10	1.92E-09
769	490786.72	3860385.12	2.68E-06	2.64E-06	2.57E-06	9.28E-10	2.80E-09	1.62E-09	1.60E-09	1.45E-09	6.62E-10	6.43E-10	3.10E-11	7.48E-10	1.65E-10	2.17E-10	3.45E-10	6.07E-11	3.37E-10	1.90E-09
770	490136.72	3860435.12	2.95E-06	2.91E-06	2.82E-06	1.02E-09	3.08E-09	1.78E-09	1.76E-09	1.60E-09	7.28E-10	7.07E-10	3.41E-11	8.23E-10	1.82E-10	2.39E-10	3.79E-10	6.68E-11	3.71E-10	2.09E-09
771	490186.72	3860435.12	2.91E-06	2.87E-06	2.79E-06	1.01E-09	3.04E-09	1.76E-09	1.74E-09	1.58E-09	7.19E-10	6.98E-10	3.36E-11	8.13E-10	1.79E-10	2.36E-10	3.74E-10	6.60E-11	3.66E-10	2.07E-09
772	490236.72	3860435.12	2.87E-06	2.84E-06	2.75E-06	9.95E-10	3.00E-09	1.74E-09	1.72E-09	1.56E-09	7.10E-10	6.89E-10	3.32E-11	8.02E-10	1.77E-10	2.33E-10	3.70E-10	6.51E-11	3.62E-10	2.04E-09
773	490286.72	3860435.12	2.84E-06	2.80E-06	2.72E-06	9.82E-10	2.97E-09	1.72E-09	1.69E-09	1.54E-09	7.01E-10	6.81E-10	3.28E-11	7.92E-10	1.75E-10	2.30E-10	3.65E-10	6.43E-11	3.57E-10	2.02E-09
774	490336.72	3860435.12	2.80E-06	2.77E-06	2.69E-06	9.70E-10	2.93E-09	1.70E-09	1.67E-09	1.52E-09	6.92E-10	6.72E-10	3.24E-11	7.82E-10	1.73E-10	2.27E-10	3.60E-10	6.35E-11	3.53E-10	1.99E-09
775	490386.72	3860435.12	2.77E-06	2.73E-06	2.66E-06	9.59E-10	2.90E-09	1.68E-09	1.65E-09	1.50E-09	6.84E-10	6.64E-10	3.20E-11	7.74E-10	1.71E-10	2.25E-10	3.56E-10	6.28E-11	3.49E-10	1.97E-09
776	490436.72	3860435.12	2.74E-06	2.70E-06	2.63E-06	9.49E-10	2.86E-09	1.66E-09	1.64E-09	1.48E-09	6.77E-10	6.57E-10	3.17E-11	7.65E-10	1.69E-10	2.22E-10	3.52E-10	6.21E-11	3.45E-10	1.95E-09
777	490486.72	3860435.12	2.71E-06	2.68E-06	2.60E-06	9.39E-10	2.84E-09	1.64E-09	1.62E-09	1.47E-09	6.70E-10	6.51E-10	3.14E-11	7.57E-10	1.67E-10	2.20E-10	3.49E-10	6.15E-11	3.41E-10	1.93E-09
778	490536.72	3860435.12	2.69E-06	2.65E-06	2.58E-06	9.31E-10	2.81E-09	1.63E-09	1.61E-09	1.46E-09	6.64E-10	6.45E-10	3.11E-11	7.51E-10	1.66E-10	2.18E-10	3.46E-10	6.09E-11	3.38E-10	1.91E-09
779	490586.72	3860435.12	2.66E-06	2.63E-06	2.55E-06	9.22E-10	2.78E-09	1.61E-09	1.59E-09	1.44E-09	6.58E-10	6.39E-10	3.08E-11	7.44E-10	1.64E-10	2.16E-10	3.43E-10	6.04E-11	3.35E-10	1.89E-09
780	490636.72	3860435.12	2.64E-06	2.61E-06	2.53E-06	9.14E-10	2.76E-09	1.60E-09	1.58E-09	1.43E-09	6.52E-10	6.33E-10	3.05E-11	7.37E-10	1.63E-10	2.14E-10	3.40E-10	5.99E-11	3.32E-10	1.88E-09
781	490686.72	3860435.12	2.62E-06	2.59E-06	2.51E-06	9.07E-10	2.74E-09	1.59E-09	1.56E-09	1.42E-09	6.47E-10	6.28E-10	3.03E-11	7.32E-10	1.61E-10	2.12E-10	3.37E-10	5.94E-11	3.30E-10	1.86E-09
782	490736.72	3860435.12	2.60E-06	2.57E-06	2.49E-06	9.01E-10	2.72E-09	1.57E-09	1.55E-09	1.41E-09	6.43E-10	6.24E-10	3.01E-11	7.27E-10	1.60E-10	2.11E-10	3.35E-10	5.90E-11	3.28E-10	1.85E-09
783	490786.72	3860435.12	2.58E-06	2.55E-06	2.47E-06	8.94E-10	2.70E-09	1.56E-09	1.54E-09	1.40E-09	6.38E-10	6.19E-10	2.98E-11	7.21E-10	1.59E-10	2.09E-10	3.32E-10	5.85E-11	3.25E-10	1.83E-09
784	490136.72	3860485.12	2.85E-06	2.82E-06	2.74E-06	9.88E-10	2.98E-09	1.73E-09	1.70E-09	1.54E-09	7.05E-10	6.85E-10	3.30E-11	7.97E-10	1.76E-10	2.31E-10	3.67E-10	6.47E-11	3.59E-10	2.03E-09
785	490186.72	3860485.12	2.82E-06	2.78E-06	2.70E-06	9.75E-10	2.94E-09	1.70E-09	1.68E-09	1.52E-09	6.95E-10	6.75E-10	3.25E-11	7.86E-10	1.73E-10	2.28E-10	3.62E-10	6.38E-11	3.54E-10	2.00E-09
786	490236.72	3860485.12	2.78E-06	2.74E-06	2.66E-06	9.61E-10	2.90E-09	1.68E-09	1.66E-09	1.50E-09	6.86E-10	6.66E-10	3.21E-11	7.75E-10	1.71E-10	2.25E-10	3.57E-10	6.30E-11	3.50E-10	1.97E-09
787	490286.72	3860485.12	2.74E-06	2.71E-06	2.63E-06	9.50E-10	2.87E-09	1.66E-09	1.64E-09	1.49E-09	6.78E-10	6.58E-10	3.17E-11	7.66E-10	1.69E-10	2.23E-10	3.53E-10	6.22E-11	3.45E-10	1.95E-09
788	490336.72	3860485.12	2.71E-06	2.68E-06	2.60E-06	9.38E-10	2.83E-09	1.64E-09	1.62E-09	1.47E-09	6.70E-10	6.50E-10	3.13E-11	7.57E-10	1.67E-10	2.20E-10	3.49E-10	6.14E-11	3.41E-10	1.93E-09

789	490386.72	3860485.12	2.68E-06	2.65E-06	2.57E-06	9.28E-10	2.80E-09	1.62E-09	1.60E-09	1.45E-09	6.62E-10	6.43E-10	3.10E-11	7.49E-10	1.65E-10	2.17E-10	3.45E-10	6.08E-11	3.38E-10	1.91E-09
790	490436.72	3860485.12	2.66E-06	2.62E-06	2.55E-06	9.19E-10	2.78E-09	1.61E-09	1.59E-09	1.44E-09	6.56E-10	6.37E-10	3.07E-11	7.42E-10	1.64E-10	2.15E-10	3.42E-10	6.02E-11	3.34E-10	1.89E-09
791	490486.72	3860485.12	2.63E-06	2.59E-06	2.52E-06	9.09E-10	2.75E-09	1.59E-09	1.57E-09	1.42E-09	6.49E-10	6.30E-10	3.04E-11	7.33E-10	1.62E-10	2.13E-10	3.38E-10	5.95E-11	3.31E-10	1.87E-09
792	490536.72	3860485.12	2.60E-06	2.57E-06	2.49E-06	9.00E-10	2.72E-09	1.57E-09	1.55E-09	1.41E-09	6.42E-10	6.23E-10	3.00E-11	7.26E-10	1.60E-10	2.11E-10	3.34E-10	5.89E-11	3.27E-10	1.85E-09
793	490586.72	3860485.12	2.57E-06	2.54E-06	2.47E-06	8.91E-10	2.69E-09	1.56E-09	1.54E-09	1.39E-09	6.36E-10	6.17E-10	2.97E-11	7.19E-10	1.59E-10	2.09E-10	3.31E-10	5.83E-11	3.24E-10	1.83E-09
794	490636.72	3860485.12	2.55E-06	2.52E-06	2.45E-06	8.83E-10	2.67E-09	1.54E-09	1.52E-09	1.38E-09	6.30E-10	6.12E-10	2.95E-11	7.12E-10	1.57E-10	2.07E-10	3.28E-10	5.78E-11	3.21E-10	1.81E-09
795	490686.72	3860485.12	2.53E-06	2.50E-06	2.42E-06	8.75E-10	2.64E-09	1.53E-09	1.51E-09	1.37E-09	6.25E-10	6.06E-10	2.92E-11	7.06E-10	1.56E-10	2.05E-10	3.25E-10	5.73E-11	3.18E-10	1.80E-09
796	490736.72	3860485.12	2.51E-06	2.48E-06	2.40E-06	8.69E-10	2.62E-09	1.52E-09	1.50E-09	1.36E-09	6.20E-10	6.02E-10	2.90E-11	7.01E-10	1.55E-10	2.03E-10	3.23E-10	5.69E-11	3.16E-10	1.78E-09
797	490786.72	3860485.12	2.49E-06	2.46E-06	2.39E-06	8.62E-10	2.60E-09	1.51E-09	1.49E-09	1.35E-09	6.15E-10	5.97E-10	2.88E-11	6.95E-10	1.53E-10	2.02E-10	3.20E-10	5.65E-11	3.14E-10	1.77E-09
798	490136.72	3860535.12	2.77E-06	2.73E-06	2.65E-06	9.58E-10	2.89E-09	1.67E-09	1.65E-09	1.50E-09	6.83E-10	6.64E-10	3.20E-11	7.72E-10	1.70E-10	2.24E-10	3.56E-10	6.27E-11	3.48E-10	1.97E-09
799	490186.72	3860535.12	2.73E-06	2.70E-06	2.62E-06	9.46E-10	2.86E-09	1.65E-09	1.63E-09	1.48E-09	6.75E-10	6.56E-10	3.16E-11	7.63E-10	1.68E-10	2.22E-10	3.52E-10	6.20E-11	3.44E-10	1.94E-09
800	490236.72	3860535.12	2.69E-06	2.66E-06	2.58E-06	9.32E-10	2.81E-09	1.63E-09	1.61E-09	1.46E-09	6.65E-10	6.46E-10	3.11E-11	7.51E-10	1.66E-10	2.18E-10	3.46E-10	6.10E-11	3.39E-10	1.91E-09
801	490286.72	3860535.12	2.66E-06	2.62E-06	2.55E-06	9.20E-10	2.78E-09	1.61E-09	1.59E-09	1.44E-09	6.56E-10	6.37E-10	3.07E-11	7.42E-10	1.64E-10	2.15E-10	3.42E-10	6.02E-11	3.34E-10	1.89E-09
802	490336.72	3860535.12	2.63E-06	2.59E-06	2.52E-06	9.09E-10	2.75E-09	1.59E-09	1.57E-09	1.42E-09	6.49E-10	6.30E-10	3.04E-11	7.33E-10	1.62E-10	2.13E-10	3.38E-10	5.95E-11	3.31E-10	1.87E-09
803	490386.72	3860535.12	2.60E-06	2.57E-06	2.49E-06	9.00E-10	2.72E-09	1.57E-09	1.55E-09	1.41E-09	6.42E-10	6.24E-10	3.01E-11	7.26E-10	1.60E-10	2.11E-10	3.34E-10	5.89E-11	3.27E-10	1.85E-09
804	490436.72	3860535.12	2.58E-06	2.54E-06	2.47E-06	8.91E-10	2.69E-09	1.56E-09	1.54E-09	1.39E-09	6.36E-10	6.18E-10	2.98E-11	7.19E-10	1.59E-10	2.09E-10	3.31E-10	5.84E-11	3.24E-10	1.83E-09
805	490486.72	3860535.12	2.55E-06	2.52E-06	2.44E-06	8.83E-10	2.67E-09	1.54E-09	1.52E-09	1.38E-09	6.30E-10	6.12E-10	2.95E-11	7.12E-10	1.57E-10	2.07E-10	3.28E-10	5.78E-11	3.21E-10	1.81E-09
806	490536.72	3860535.12	2.53E-06	2.50E-06	2.43E-06	8.77E-10	2.65E-09	1.53E-09	1.51E-09	1.37E-09	6.26E-10	6.08E-10	2.93E-11	7.07E-10	1.56E-10	2.05E-10	3.26E-10	5.74E-11	3.19E-10	1.80E-09
807	490586.72	3860535.12	2.50E-06	2.46E-06	2.39E-06	8.64E-10	2.61E-09	1.51E-09	1.49E-09	1.35E-09	6.16E-10	5.99E-10	2.88E-11	6.97E-10	1.54E-10	2.02E-10	3.21E-10	5.66E-11	3.14E-10	1.77E-09
808	490636.72	3860535.12	2.47E-06	2.44E-06	2.37E-06	8.55E-10	2.58E-09	1.49E-09	1.48E-09	1.34E-09	6.10E-10	5.93E-10	2.86E-11	6.90E-10	1.52E-10	2.00E-10	3.18E-10	5.60E-11	3.11E-10	1.76E-09
809	490686.72	3860535.12	2.45E-06	2.42E-06	2.35E-06	8.47E-10	2.56E-09	1.48E-09	1.46E-09	1.33E-09	6.05E-10	5.87E-10	2.83E-11	6.84E-10	1.51E-10	1.98E-10	3.15E-10	5.55E-11	3.08E-10	1.74E-09
810	490736.72	3860535.12	2.43E-06	2.39E-06	2.32E-06	8.40E-10	2.54E-09	1.47E-09	1.45E-09	1.31E-09	5.99E-10	5.82E-10	2.80E-11	6.77E-10	1.49E-10	1.97E-10	3.12E-10	5.50E-11	3.05E-10	1.72E-09
811	490786.72	3860535.12	2.41E-06	2.38E-06	2.31E-06	8.33E-10	2.52E-09	1.46E-09	1.44E-09	1.30E-09	5.95E-10	5.77E-10	2.78E-11	6.72E-10	1.48E-10	1.95E-10	3.10E-10	5.46E-11	3.03E-10	1.71E-09
812	490136.72	3860585.12	2.69E-06	2.66E-06	2.58E-06	9.32E-10	2.81E-09	1.63E-09	1.61E-09	1.46E-09	6.65E-10	6.46E-10	3.11E-11	7.52E-10	1.66E-10	2.18E-10	3.46E-10	6.10E-11	3.39E-10	1.91E-09
813	490186.72	3860585.12	2.64E-06	2.60E-06	2.53E-06	9.13E-10	2.76E-09	1.60E-09	1.57E-09	1.43E-09	6.51E-10	6.33E-10	3.05E-11	7.36E-10	1.62E-10	2.14E-10	3.39E-10	5.98E-11	3.32E-10	1.87E-09
814	490236.72	3860585.12	2.61E-06	2.57E-06	2.50E-06	9.02E-10	2.72E-09	1.58E-09	1.56E-09	1.41E-09	6.44E-10	6.25E-10	3.01E-11	7.28E-10	1.61E-10	2.11E-10	3.35E-10	5.91E-11	3.28E-10	1.85E-09
815	490286.72	3860585.12	2.58E-06	2.54E-06	2.47E-06	8.92E-10	2.69E-09	1.56E-09	1.54E-09	1.40E-09	6.37E-10	6.18E-10	2.98E-11	7.20E-10	1.59E-10	2.09E-10	3.31E-10	5.84E-11	3.24E-10	1.83E-09
816	490336.72	3860585.12	2.55E-06	2.51E-06	2.44E-06	8.82E-10	2.66E-09	1.54E-09	1.52E-09	1.38E-09	6.29E-10	6.11E-10	2.94E-11	7.11E-10	1.57E-10	2.07E-10	3.28E-10	5.77E-11	3.21E-10	1.81E-09
817	490386.72	3860585.12	2.52E-06	2.49E-06	2.41E-06	8.72E-10	2.63E-09	1.52E-09	1.50E-09	1.36E-09	6.22E-10	6.04E-10	2.91E-11	7.03E-10	1.55E-10	2.04E-10	3.24E-10	5.71E-11	3.17E-10	1.79E-09
818	490436.72	3860585.12	2.50E-06	2.47E-06	2.40E-06	8.67E-10	2.62E-09	1.51E-09	1.49E-09	1.36E-09	6.18E-10	6.00E-10	2.89E-11	6.99E-10	1.54E-10	2.03E-10	3.22E-10	5.67E-11	3.15E-10	1.78E-09
819	490486.72	3860585.12	2.49E-06	2.45E-06	2.38E-06	8.61E-10	2.60E-09	1.50E-09	1.48E-09	1.35E-09	6.14E-10	5.96E-10	2.87E-11	6.94E-10	1.53E-10	2.02E-10	3.20E-10	5.64E-11	3.13E-10	1.77E-09
820	490536.72	3860585.12	2.46E-06	2.43E-06	2.36E-06	8.51E-10	2.57E-09	1.49E-09	1.47E-09	1.33E-09	6.07E-10	5.90E-10	2.84E-11	6.86E-10	1.51E-10	1.99E-10	3.16E-10	5.57E-11	3.10E-10	1.75E-09
821	490586.72	3860585.12	2.42E-06	2.39E-06	2.32E-06	8.37E-10	2.53E-09	1.46E-09	1.44E-09	1.31E-09	5.97E-10	5.80E-10	2.80E-11	6.75E-10	1.49E-10	1.96E-10	3.11E-10	5.48E-11	3.04E-10	1.72E-09
822	490636.72	3860585.12	2.40E-06	2.36E-06	2.30E-06	8.29E-10	2.50E-09	1.45E-09	1.43E-09	1.30E-09	5.92E-10	5.75E-10	2.77E-11	6.69E-10	1.48E-10	1.94E-10	3.08E-10	5.43E-11	3.02E-10	1.70E-09
823	490686.72	3860585.12	2.37E-06	2.34E-06	2.27E-06	8.21E-10	2.48E-09	1.44E-09	1.42E-09	1.28E-09	5.86E-10	5.69E-10	2.74E-11	6.62E-10	1.46E-10	1.92E-10	3.05E-10	5.38E-11	2.99E-10	1.69E-09
824	490736.72	3860585.12	2.35E-06	2.32E-06	2.25E-06	8.14E-10	2.46E-09	1.42E-09	1.40E-09	1.27E-09	5.81E-10	5.64E-10	2.72E-11	6.56E-10	1.45E-10	1.91E-10	3.02E-10	5.33E-11	2.96E-10	1.67E-09
825	490786.72	3860585.12	2.33E-06	2.30E-06	2.23E-06	8.06E-10	2.43E-09	1.41E-09	1.39E-09	1.26E-09	5.75E-10	5.59E-10	2.69E-11	6.50E-10	1.44E-10	1.89E-10	3.00E-10	5.28E-11	2.93E-10	1.66E-09
826	490136.72	3860635.12	2.62E-06	2.59E-06	2.52E-06	9.09E-10	2.74E-09	1.59E-09	1.57E-09	1.42E-09	6.48E-10	6.30E-10	3.03E-11	7.33E-10	1.62E-10	2.13E-10	3.38E-10	5.95E-11	3.30E-10	1.87E-09
827	490186.72	3860635.12	2.58E-06	2.54E-06	2.47E-06	8.93E-10	2.70E-09	1.56E-09	1.54E-09	1.40E-09	6.37E-10	6.19E-10	2.98E-11	7.20E-10	1.59E-10	2.09E-10	3.32E-10	5.85E-11	3.25E-10	1.83E-09
828	490236.72	3860635.12	2.53E-06	2.50E-06	2.43E-06	8.77E-10	2.65E-09	1.53E-09	1.51E-09	1.37E-09	6.26E-10	6.08E-10	2.93E-11	7.07E-10	1.56E-10	2.05E-10	3.26E-10	5.74E-11	3.19E-10	1.80E-09
829	490286.72	3860635.12	2.50E-06	2.47E-06	2.40E-06	8.66E-10	2.61E-09	1.51E-09	1.49E-09	1.35E-09	6.18E-10	6.00E-10	2.89E-11	6.98E-10	1.54E-10	2.03E-10	3.22E-10	5.67E-11	3.15E-10	1.78E-09
830	490336.72	3860635.12	2.47E-06	2.44E-06	2.37E-06	8.56E-10	2.58E-09	1.50E-09	1.48E-09	1.34E-09	6.11E-10	5.93E-10	2.86E-11	6.91E-10	1.52E-10	2.01E-10	3.18E-10	5.61E-11	3.11E-10	1.76E-09
831	490386.72	3860635.12	2.45E-06	2.42E-06	2.35E-06	8.47E-10	2.56E-09	1.48E-09	1.46E-09	1.32E-09	6.05E-10	5.87E-10	2.83E-11	6.83E-10	1.51E-10	1.98E-10	3.15E-10	5.55E-11	3.08E-10	1.74E-09
832	490436.72	3860635.12	2.42E-06	2.39E-06	2.32E-06	8.38E-10	2.53E-09	1.47E-09	1.45E-09	1.31E-09	5.98E-10	5.81E-10	2.80E-11	6.76E-10	1.49E-10	1.96E-10	3.11E-10	5.49E-11	3.05E-10	1.72E-09
833	490486.72	3860635.12	2.40E-06	2.37E-06	2.30E-06	8.30E-10	2.51E-09	1.45E-09	1.43E-09	1.30E-09	5.93E-10	5.75E-10	2.77E-11	6.70E-10	1.48E-10	1.95E-10	3.09E-10	5.44E-11	3.02E-10	1.70E-09
834	490536.72	3860635.12	2.38E-06	2.35E-06	2.28E-06	8.24E-10	2.49E-09	1.44E-09	1.42E-09	1.29E-09	5.88E-10	5.71E-10	2.75E-11	6.65E-10	1.47E-10	1.93E-10	3.06E-10	5.40E-11	3.00E-10	1.69E-09
835	490586.72	3860635.12	2.35E-06	2.32E-06	2.25E-06	8.14E-10	2.46E-09	1.42E-09	1.40E-09	1.27E-09	5.81E-10	5.64E-10	2.72E-11	6.57E-10	1.45E-10	1.91E-10	3.02E-10	5.33E-11	2.96E-10	1.67E-09
836	490636.72	3860635.12	2.33E-06	2.30E-06	2.23E-06	8.06E-10	2.43E-09	1.41E-09	1.39E-09	1.26E-09	5.75E-10	5.59E-10	2.69E-11	6.50E-10	1.43E-10	1.89E-10	3.00E-10	5.28E-11	2.93E-10	1.66E-09
837	490686.72	3860635.12	2.31E-06	2.28E-06	2.21E-06	7.98E-10	2.41E-09	1.39E-09	1.38E-09	1.25E-09	5.69E-10	5.53E-10	2.66E-11	6.44E-10	1.42E-10	1.87E-10	2.97E-10	5.23E-11	2.90E-10	1.64E-09
838	490736.72	3860635.12	2.28E-06	2.25E-06	2.19E-06	7.89E-10	2.38E-09	1.38E-09	1.36E-09	1.23E-09	5.63E-10	5.47E-10	2.64E-11	6.37E-10	1.40E-10	1.85E-10	2.93E-10	5.17E-11	2.87E-10	1.62E-09
839	490786.72	3860635.12	2.26E-06	2.23E-06	2.17E-06	7.82E-10	2.36E-09	1.37E-09	1.35E-09	1.22E-09	5.58E-10	5.42E-10	2.61E-11	6.31E-10	1.39E-10	1.83E-10	2.91E-10	5.12E-11	2.84E-10	1.61E-09
840	490136.72	3860685.12	2.55E-06	2.52E-06	2.45E-06	8.83E-10	2.67E-09	1.54E-09	1.52E-09	1.38E-09	6.30E-10	6.12E-10	2.95E-11	7.12E-10	1.57E-10	2.07E-10	3.28E-10	5.78E-11	3.21E-10	1.81E-09
841	490186.72	3860685.12	2.52E-06	2.49E-06	2.42E-06	8.73E-10	2.64E-09	1.53E-09	1.51E-09	1.37E-09	6.23E-10	6.05E-10	2.92E-11	7.04E-10	1.55E-10	2.04E-10	3.24E-10	5.72E-11	3.17E-10	1.79E-09

842	490236.72	3860685.12	2.48E-06	2.44E-06	2.37E-06	8.57E-10	2.59E-09	1.50E-09	1.48E-09	1.34E-09	6.12E-10	5.94E-10	2.86E-11	6.92E-10	1.53E-10	2.01E-10	3.19E-10	5.62E-11	3.12E-10	1.76E-09
843	490286.72	3860685.12	2.43E-06	2.40E-06	2.33E-06	8.41E-10	2.54E-09	1.47E-09	1.45E-09	1.31E-09	6.00E-10	5.83E-10	2.81E-11	6.78E-10	1.50E-10	1.97E-10	3.12E-10	5.51E-11	3.06E-10	1.73E-09
844	490336.72	3860685.12	2.41E-06	2.37E-06	2.31E-06	8.33E-10	2.51E-09	1.46E-09	1.44E-09	1.30E-09	5.94E-10	5.77E-10	2.78E-11	6.72E-10	1.48E-10	1.95E-10	3.09E-10	5.45E-11	3.03E-10	1.71E-09
845	490386.72	3860685.12	2.38E-06	2.35E-06	2.28E-06	8.24E-10	2.49E-09	1.44E-09	1.42E-09	1.29E-09	5.88E-10	5.71E-10	2.75E-11	6.64E-10	1.47E-10	1.93E-10	3.06E-10	5.39E-11	3.00E-10	1.69E-09
846	490436.72	3860685.12	2.35E-06	2.32E-06	2.25E-06	8.14E-10	2.46E-09	1.42E-09	1.40E-09	1.27E-09	5.81E-10	5.64E-10	2.72E-11	6.57E-10	1.45E-10	1.91E-10	3.03E-10	5.33E-11	2.96E-10	1.67E-09
847	490486.72	3860685.12	2.33E-06	2.30E-06	2.23E-06	8.05E-10	2.43E-09	1.41E-09	1.39E-09	1.26E-09	5.75E-10	5.58E-10	2.69E-11	6.50E-10	1.43E-10	1.89E-10	2.99E-10	5.27E-11	2.93E-10	1.65E-09
848	490536.72	3860685.12	2.31E-06	2.27E-06	2.21E-06	7.98E-10	2.41E-09	1.39E-09	1.38E-09	1.25E-09	5.69E-10	5.53E-10	2.66E-11	6.44E-10	1.42E-10	1.87E-10	2.96E-10	5.23E-11	2.90E-10	1.64E-09
849	490586.72	3860685.12	2.28E-06	2.25E-06	2.19E-06	7.91E-10	2.39E-09	1.38E-09	1.36E-09	1.24E-09	5.64E-10	5.48E-10	2.64E-11	6.38E-10	1.41E-10	1.85E-10	2.94E-10	5.18E-11	2.87E-10	1.62E-09
850	490636.72	3860685.12	2.26E-06	2.23E-06	2.17E-06	7.84E-10	2.37E-09	1.37E-09	1.35E-09	1.23E-09	5.59E-10	5.43E-10	2.62E-11	6.32E-10	1.39E-10	1.84E-10	2.91E-10	5.13E-11	2.85E-10	1.61E-09
851	490686.72	3860685.12	2.24E-06	2.21E-06	2.15E-06	7.77E-10	2.35E-09	1.36E-09	1.34E-09	1.21E-09	5.54E-10	5.38E-10	2.59E-11	6.27E-10	1.38E-10	1.82E-10	2.89E-10	5.09E-11	2.82E-10	1.59E-09
852	490736.72	3860685.12	2.22E-06	2.19E-06	2.13E-06	7.69E-10	2.32E-09	1.34E-09	1.33E-09	1.20E-09	5.48E-10	5.33E-10	2.57E-11	6.20E-10	1.37E-10	1.80E-10	2.86E-10	5.03E-11	2.80E-10	1.58E-09
853	490786.72	3860685.12	2.20E-06	2.17E-06	2.11E-06	7.63E-10	2.30E-09	1.33E-09	1.32E-09	1.19E-09	5.44E-10	5.28E-10	2.55E-11	6.15E-10	1.36E-10	1.79E-10	2.83E-10	4.99E-11	2.77E-10	1.57E-09
854	490136.72	3860735.12	2.47E-06	2.44E-06	2.37E-06	8.56E-10	2.58E-09	1.50E-09	1.48E-09	1.34E-09	6.11E-10	5.93E-10	2.86E-11	6.90E-10	1.52E-10	2.01E-10	3.18E-10	5.61E-11	3.11E-10	1.76E-09
855	490186.72	3860735.12	2.43E-06	2.40E-06	2.33E-06	8.42E-10	2.54E-09	1.47E-09	1.45E-09	1.32E-09	6.01E-10	5.83E-10	2.81E-11	6.79E-10	1.50E-10	1.97E-10	3.13E-10	5.51E-11	3.06E-10	1.73E-09
856	490236.72	3860735.12	2.40E-06	2.37E-06	2.30E-06	8.30E-10	2.50E-09	1.45E-09	1.43E-09	1.30E-09	5.92E-10	5.75E-10	2.77E-11	6.69E-10	1.48E-10	1.94E-10	3.08E-10	5.43E-11	3.02E-10	1.70E-09
857	490286.72	3860735.12	2.37E-06	2.34E-06	2.27E-06	8.19E-10	2.47E-09	1.43E-09	1.41E-09	1.28E-09	5.84E-10	5.68E-10	2.73E-11	6.61E-10	1.46E-10	1.92E-10	3.04E-10	5.36E-11	2.98E-10	1.68E-09
858	490336.72	3860735.12	2.34E-06	2.31E-06	2.24E-06	8.09E-10	2.44E-09	1.41E-09	1.40E-09	1.27E-09	5.77E-10	5.61E-10	2.70E-11	6.53E-10	1.44E-10	1.90E-10	3.01E-10	5.30E-11	2.94E-10	1.66E-09
859	490386.72	3860735.12	2.31E-06	2.28E-06	2.22E-06	8.01E-10	2.42E-09	1.40E-09	1.38E-09	1.25E-09	5.72E-10	5.55E-10	2.68E-11	6.46E-10	1.43E-10	1.88E-10	2.98E-10	5.25E-11	2.91E-10	1.64E-09
860	490436.72	3860735.12	2.30E-06	2.27E-06	2.20E-06	7.96E-10	2.40E-09	1.39E-09	1.37E-09	1.24E-09	5.68E-10	5.51E-10	2.66E-11	6.42E-10	1.42E-10	1.86E-10	2.96E-10	5.21E-11	2.89E-10	1.63E-09
861	490486.72	3860735.12	2.27E-06	2.24E-06	2.18E-06	7.86E-10	2.37E-09	1.37E-09	1.36E-09	1.23E-09	5.61E-10	5.45E-10	2.63E-11	6.34E-10	1.40E-10	1.84E-10	2.92E-10	5.15E-11	2.86E-10	1.61E-09
862	490536.72	3860735.12	2.24E-06	2.21E-06	2.15E-06	7.75E-10	2.34E-09	1.36E-09	1.34E-09	1.21E-09	5.53E-10	5.37E-10	2.59E-11	6.25E-10	1.38E-10	1.82E-10	2.88E-10	5.08E-11	2.82E-10	1.59E-09
863	490586.72	3860735.12	2.22E-06	2.19E-06	2.13E-06	7.68E-10	2.32E-09	1.34E-09	1.32E-09	1.20E-09	5.48E-10	5.32E-10	2.56E-11	6.19E-10	1.37E-10	1.80E-10	2.85E-10	5.03E-11	2.79E-10	1.58E-09
864	490636.72	3860735.12	2.20E-06	2.17E-06	2.11E-06	7.60E-10	2.30E-09	1.33E-09	1.31E-09	1.19E-09	5.43E-10	5.27E-10	2.54E-11	6.13E-10	1.35E-10	1.78E-10	2.83E-10	4.98E-11	2.77E-10	1.56E-09
865	490686.72	3860735.12	2.18E-06	2.15E-06	2.09E-06	7.55E-10	2.28E-09	1.32E-09	1.30E-09	1.18E-09	5.39E-10	5.23E-10	2.52E-11	6.09E-10	1.34E-10	1.77E-10	2.80E-10	4.94E-11	2.74E-10	1.55E-09
866	490736.72	3860735.12	2.16E-06	2.14E-06	2.07E-06	7.49E-10	2.26E-09	1.31E-09	1.29E-09	1.17E-09	5.34E-10	5.19E-10	2.50E-11	6.04E-10	1.33E-10	1.75E-10	2.78E-10	4.90E-11	2.72E-10	1.54E-09
867	490136.72	3860785.12	2.40E-06	2.37E-06	2.30E-06	8.32E-10	2.51E-09	1.45E-09	1.44E-09	1.30E-09	5.94E-10	5.77E-10	2.78E-11	6.71E-10	1.48E-10	1.95E-10	3.09E-10	5.45E-11	3.03E-10	1.71E-09
868	490186.72	3860785.12	2.37E-06	2.34E-06	2.27E-06	8.19E-10	2.47E-09	1.43E-09	1.41E-09	1.28E-09	5.85E-10	5.68E-10	2.74E-11	6.61E-10	1.46E-10	1.92E-10	3.04E-10	5.36E-11	2.98E-10	1.68E-09
869	490236.72	3860785.12	2.33E-06	2.30E-06	2.24E-06	8.07E-10	2.44E-09	1.41E-09	1.39E-09	1.26E-09	5.76E-10	5.59E-10	2.70E-11	6.51E-10	1.44E-10	1.89E-10	3.00E-10	5.29E-11	2.94E-10	1.66E-09
870	490286.72	3860785.12	2.30E-06	2.27E-06	2.21E-06	7.97E-10	2.41E-09	1.39E-09	1.37E-09	1.25E-09	5.69E-10	5.52E-10	2.66E-11	6.43E-10	1.42E-10	1.87E-10	2.96E-10	5.22E-11	2.90E-10	1.64E-09
871	490336.72	3860785.12	2.27E-06	2.24E-06	2.18E-06	7.87E-10	2.38E-09	1.38E-09	1.36E-09	1.23E-09	5.62E-10	5.45E-10	2.63E-11	6.35E-10	1.40E-10	1.84E-10	2.92E-10	5.15E-11	2.86E-10	1.62E-09
872	490386.72	3860785.12	2.25E-06	2.22E-06	2.16E-06	7.80E-10	2.36E-09	1.36E-09	1.35E-09	1.22E-09	5.57E-10	5.41E-10	2.60E-11	6.29E-10	1.39E-10	1.83E-10	2.90E-10	5.11E-11	2.84E-10	1.60E-09
873	490436.72	3860785.12	2.23E-06	2.20E-06	2.14E-06	7.72E-10	2.33E-09	1.35E-09	1.33E-09	1.21E-09	5.51E-10	5.35E-10	2.58E-11	6.23E-10	1.37E-10	1.81E-10	2.87E-10	5.05E-11	2.81E-10	1.58E-09
874	490486.72	3860785.12	2.21E-06	2.18E-06	2.12E-06	7.66E-10	2.31E-09	1.34E-09	1.32E-09	1.20E-09	5.46E-10	5.30E-10	2.56E-11	6.17E-10	1.36E-10	1.79E-10	2.84E-10	5.01E-11	2.78E-10	1.57E-09
875	490536.72	3860785.12	2.19E-06	2.16E-06	2.10E-06	7.57E-10	2.28E-09	1.32E-09	1.31E-09	1.18E-09	5.40E-10	5.24E-10	2.53E-11	6.10E-10	1.35E-10	1.77E-10	2.81E-10	4.96E-11	2.75E-10	1.55E-09
876	490586.72	3860785.12	2.16E-06	2.13E-06	2.07E-06	7.47E-10	2.25E-09	1.30E-09	1.29E-09	1.17E-09	5.33E-10	5.17E-10	2.49E-11	6.02E-10	1.33E-10	1.75E-10	2.77E-10	4.89E-11	2.71E-10	1.53E-09
877	490636.72	3860785.12	2.13E-06	2.11E-06	2.05E-06	7.39E-10	2.23E-09	1.29E-09	1.27E-09	1.16E-09	5.27E-10	5.12E-10	2.47E-11	5.96E-10	1.32E-10	1.73E-10	2.75E-10	4.84E-11	2.69E-10	1.52E-09
878	490686.72	3860785.12	2.12E-06	2.09E-06	2.03E-06	7.33E-10	2.21E-09	1.28E-09	1.26E-09	1.15E-09	5.23E-10	5.08E-10	2.45E-11	5.91E-10	1.30E-10	1.72E-10	2.72E-10	4.80E-11	2.66E-10	1.50E-09
879	490736.72	3860785.12	2.10E-06	2.07E-06	2.01E-06	7.27E-10	2.20E-09	1.27E-09	1.25E-09	1.14E-09	5.19E-10	5.04E-10	2.43E-11	5.87E-10	1.29E-10	1.70E-10	2.70E-10	4.76E-11	2.65E-10	1.49E-09
880	490086.72	3860835.12	2.39E-06	2.36E-06	2.29E-06	8.26E-10	2.50E-09	1.44E-09	1.43E-09	1.29E-09	5.90E-10	5.73E-10	2.76E-11	6.67E-10	1.47E-10	1.94E-10	3.07E-10	5.41E-11	3.01E-10	1.70E-09
881	490136.72	3860835.12	2.35E-06	2.32E-06	2.25E-06	8.13E-10	2.45E-09	1.42E-09	1.40E-09	1.27E-09	5.80E-10	5.63E-10	2.71E-11	6.56E-10	1.45E-10	1.90E-10	3.02E-10	5.32E-11	2.96E-10	1.67E-09
882	490186.72	3860835.12	2.31E-06	2.28E-06	2.21E-06	7.99E-10	2.41E-09	1.40E-09	1.38E-09	1.25E-09	5.70E-10	5.54E-10	2.67E-11	6.45E-10	1.42E-10	1.87E-10	2.97E-10	5.23E-11	2.91E-10	1.64E-09
883	490236.72	3860835.12	2.27E-06	2.24E-06	2.18E-06	7.87E-10	2.38E-09	1.38E-09	1.36E-09	1.23E-09	5.62E-10	5.45E-10	2.63E-11	6.35E-10	1.40E-10	1.84E-10	2.92E-10	5.15E-11	2.86E-10	1.62E-09
884	490286.72	3860835.12	2.24E-06	2.22E-06	2.15E-06	7.77E-10	2.35E-09	1.36E-09	1.34E-09	1.22E-09	5.54E-10	5.38E-10	2.59E-11	6.27E-10	1.38E-10	1.82E-10	2.89E-10	5.09E-11	2.83E-10	1.60E-09
885	490336.72	3860835.12	2.22E-06	2.19E-06	2.12E-06	7.67E-10	2.32E-09	1.34E-09	1.32E-09	1.20E-09	5.47E-10	5.31E-10	2.56E-11	6.19E-10	1.37E-10	1.80E-10	2.85E-10	5.02E-11	2.79E-10	1.57E-09
886	490386.72	3860835.12	2.19E-06	2.16E-06	2.10E-06	7.58E-10	2.29E-09	1.33E-09	1.31E-09	1.19E-09	5.41E-10	5.25E-10	2.53E-11	6.12E-10	1.35E-10	1.78E-10	2.82E-10	4.97E-11	2.76E-10	1.56E-09
887	490436.72	3860835.12	2.17E-06	2.14E-06	2.08E-06	7.51E-10	2.27E-09	1.31E-09	1.30E-09	1.17E-09	5.36E-10	5.21E-10	2.51E-11	6.06E-10	1.34E-10	1.76E-10	2.79E-10	4.92E-11	2.73E-10	1.54E-09
888	490486.72	3860835.12	2.15E-06	2.12E-06	2.06E-06	7.44E-10	2.25E-09	1.30E-09	1.28E-09	1.16E-09	5.31E-10	5.16E-10	2.49E-11	6.00E-10	1.32E-10	1.74E-10	2.77E-10	4.87E-11	2.71E-10	1.53E-09
889	490536.72	3860835.12	2.13E-06	2.10E-06	2.04E-06	7.37E-10	2.22E-09	1.29E-09	1.27E-09	1.15E-09	5.26E-10	5.10E-10	2.46E-11	5.94E-10	1.31E-10	1.73E-10	2.74E-10	4.82E-11	2.68E-10	1.51E-09
890	490586.72	3860835.12	2.10E-06	2.08E-06	2.02E-06	7.28E-10	2.20E-09	1.27E-09	1.26E-09	1.14E-09	5.20E-10	5.05E-10	2.43E-11	5.87E-10	1.30E-10	1.71E-10	2.71E-10	4.77E-11	2.65E-10	1.49E-09
891	490636.72	3860835.12	2.08E-06	2.05E-06	1.99E-06	7.20E-10	2.17E-09	1.26E-09	1.24E-09	1.13E-09	5.14E-10	4.99E-10	2.40E-11	5.81E-10	1.28E-10	1.69E-10	2.68E-10	4.72E-11	2.62E-10	1.48E-09
892	490686.72	3860835.12	2.06E-06	2.03E-06	1.98E-06	7.14E-10	2.15E-09	1.25E-09	1.23E-09	1.12E-09	5.09E-10	4.94E-10	2.38E-11	5.76E-10	1.27E-10	1.67E-10	2.65E-10	4.67E-11	2.59E-10	1.46E-09
893	490736.72	3860835.12	2.05E-06	2.02E-06	1.96E-06	7.08E-10	2.14E-09	1.24E-09	1.22E-09	1.11E-09	5.05E-10	4.91E-10	2.36E-11	5.71E-10	1.26E-10	1.66E-10	2.63E-10	4.64E-11	2.58E-10	1.45E-09
894	490086.72	3860885.12	2.34E-06	2.31E-06	2.24E-06	8.09E-10	2.44E-09	1.41E-09	1.40E-09	1.27E-09	5.77E-10	5.61E-10	2.70E-11	6.53E-10	1.44E-10	1.90E-10	3.01E-10	5.30E-11	2.94E-10	1.66E-09

895	490136.72	3860885.12	2.29E-06	2.26E-06	2.20E-06	7.94E-10	2.40E-09	1.39E-09	1.37E-09	1.24E-09	5.67E-10	5.50E-10	2.65E-11	6.41E-10	1.41E-10	1.86E-10	2.95E-10	5.20E-11	2.89E-10	1.63E-09
896	490186.72	3860885.12	2.26E-06	2.23E-06	2.16E-06	7.81E-10	2.36E-09	1.36E-09	1.35E-09	1.22E-09	5.57E-10	5.41E-10	2.61E-11	6.30E-10	1.39E-10	1.83E-10	2.90E-10	5.11E-11	2.84E-10	1.60E-09
897	490236.72	3860885.12	2.22E-06	2.19E-06	2.13E-06	7.69E-10	2.32E-09	1.34E-09	1.33E-09	1.20E-09	5.49E-10	5.33E-10	2.57E-11	6.20E-10	1.37E-10	1.80E-10	2.86E-10	5.04E-11	2.80E-10	1.58E-09
898	490286.72	3860885.12	2.19E-06	2.16E-06	2.10E-06	7.58E-10	2.29E-09	1.33E-09	1.31E-09	1.19E-09	5.41E-10	5.26E-10	2.53E-11	6.12E-10	1.35E-10	1.78E-10	2.82E-10	4.97E-11	2.76E-10	1.56E-09
899	490336.72	3860885.12	2.16E-06	2.13E-06	2.07E-06	7.49E-10	2.26E-09	1.31E-09	1.29E-09	1.17E-09	5.34E-10	5.19E-10	2.50E-11	6.04E-10	1.33E-10	1.75E-10	2.78E-10	4.90E-11	2.72E-10	1.54E-09
900	490386.72	3860885.12	2.14E-06	2.11E-06	2.05E-06	7.40E-10	2.24E-09	1.29E-09	1.28E-09	1.16E-09	5.28E-10	5.13E-10	2.47E-11	5.97E-10	1.32E-10	1.73E-10	2.75E-10	4.85E-11	2.69E-10	1.52E-09
901	490436.72	3860885.12	2.12E-06	2.09E-06	2.03E-06	7.33E-10	2.21E-09	1.28E-09	1.26E-09	1.15E-09	5.23E-10	5.08E-10	2.45E-11	5.91E-10	1.30E-10	1.72E-10	2.72E-10	4.80E-11	2.67E-10	1.50E-09
902	490486.72	3860885.12	2.10E-06	2.07E-06	2.01E-06	7.26E-10	2.19E-09	1.27E-09	1.25E-09	1.13E-09	5.18E-10	5.03E-10	2.42E-11	5.85E-10	1.29E-10	1.70E-10	2.70E-10	4.75E-11	2.64E-10	1.49E-09
903	490536.72	3860885.12	2.07E-06	2.05E-06	1.99E-06	7.18E-10	2.17E-09	1.25E-09	1.24E-09	1.12E-09	5.12E-10	4.97E-10	2.40E-11	5.79E-10	1.28E-10	1.68E-10	2.67E-10	4.70E-11	2.61E-10	1.47E-09
904	490586.72	3860885.12	2.05E-06	2.02E-06	1.97E-06	7.10E-10	2.14E-09	1.24E-09	1.23E-09	1.11E-09	5.07E-10	4.92E-10	2.37E-11	5.73E-10	1.26E-10	1.66E-10	2.64E-10	4.65E-11	2.58E-10	1.46E-09
905	490636.72	3860885.12	2.03E-06	2.00E-06	1.94E-06	7.02E-10	2.12E-09	1.23E-09	1.21E-09	1.10E-09	5.01E-10	4.87E-10	2.34E-11	5.66E-10	1.25E-10	1.64E-10	2.61E-10	4.60E-11	2.55E-10	1.44E-09
906	490686.72	3860885.12	2.01E-06	1.98E-06	1.92E-06	6.95E-10	2.10E-09	1.21E-09	1.20E-09	1.09E-09	4.96E-10	4.82E-10	2.32E-11	5.61E-10	1.24E-10	1.63E-10	2.58E-10	4.55E-11	2.53E-10	1.43E-09
907	490736.72	3860885.12	1.99E-06	1.96E-06	1.91E-06	6.89E-10	2.08E-09	1.20E-09	1.19E-09	1.08E-09	4.91E-10	4.77E-10	2.30E-11	5.55E-10	1.23E-10	1.61E-10	2.56E-10	4.51E-11	2.50E-10	1.41E-09
908	490086.72	3860935.12	2.29E-06	2.26E-06	2.19E-06	7.91E-10	2.39E-09	1.38E-09	1.37E-09	1.24E-09	5.65E-10	5.48E-10	2.64E-11	6.38E-10	1.41E-10	1.85E-10	2.94E-10	5.18E-11	2.88E-10	1.62E-09
909	490136.72	3860935.12	2.24E-06	2.21E-06	2.15E-06	7.75E-10	2.34E-09	1.36E-09	1.34E-09	1.21E-09	5.53E-10	5.37E-10	2.59E-11	6.25E-10	1.38E-10	1.82E-10	2.88E-10	5.08E-11	2.82E-10	1.59E-09
910	490186.72	3860935.12	2.20E-06	2.18E-06	2.11E-06	7.63E-10	2.30E-09	1.33E-09	1.32E-09	1.19E-09	5.44E-10	5.29E-10	2.55E-11	6.15E-10	1.36E-10	1.79E-10	2.83E-10	5.00E-11	2.77E-10	1.57E-09
911	490236.72	3860935.12	2.17E-06	2.14E-06	2.08E-06	7.52E-10	2.27E-09	1.31E-09	1.30E-09	1.18E-09	5.36E-10	5.21E-10	2.51E-11	6.06E-10	1.34E-10	1.76E-10	2.79E-10	4.92E-11	2.73E-10	1.54E-09
912	490286.72	3860935.12	2.14E-06	2.11E-06	2.05E-06	7.42E-10	2.24E-09	1.30E-09	1.28E-09	1.16E-09	5.29E-10	5.14E-10	2.48E-11	5.98E-10	1.32E-10	1.74E-10	2.76E-10	4.86E-11	2.70E-10	1.52E-09
913	490336.72	3860935.12	2.11E-06	2.09E-06	2.03E-06	7.32E-10	2.21E-09	1.28E-09	1.26E-09	1.14E-09	5.22E-10	5.07E-10	2.44E-11	5.90E-10	1.30E-10	1.71E-10	2.72E-10	4.79E-11	2.66E-10	1.50E-09
914	490386.72	3860935.12	2.09E-06	2.06E-06	2.00E-06	7.24E-10	2.19E-09	1.26E-09	1.25E-09	1.13E-09	5.16E-10	5.01E-10	2.42E-11	5.84E-10	1.29E-10	1.70E-10	2.69E-10	4.74E-11	2.63E-10	1.49E-09
915	490436.72	3860935.12	2.07E-06	2.04E-06	1.98E-06	7.16E-10	2.16E-09	1.25E-09	1.24E-09	1.12E-09	5.11E-10	4.96E-10	2.39E-11	5.78E-10	1.27E-10	1.68E-10	2.66E-10	4.69E-11	2.60E-10	1.47E-09
916	490486.72	3860935.12	2.05E-06	2.02E-06	1.96E-06	7.08E-10	2.14E-09	1.24E-09	1.22E-09	1.11E-09	5.05E-10	4.91E-10	2.37E-11	5.71E-10	1.26E-10	1.66E-10	2.63E-10	4.64E-11	2.58E-10	1.45E-09
917	490536.72	3860935.12	2.03E-06	2.00E-06	1.94E-06	7.01E-10	2.12E-09	1.23E-09	1.21E-09	1.10E-09	5.00E-10	4.86E-10	2.34E-11	5.65E-10	1.25E-10	1.64E-10	2.60E-10	4.59E-11	2.55E-10	1.44E-09
918	490586.72	3860935.12	2.00E-06	1.98E-06	1.92E-06	6.93E-10	2.09E-09	1.21E-09	1.20E-09	1.08E-09	4.95E-10	4.80E-10	2.31E-11	5.59E-10	1.23E-10	1.62E-10	2.58E-10	4.54E-11	2.52E-10	1.42E-09
919	490636.72	3860935.12	1.98E-06	1.95E-06	1.90E-06	6.85E-10	2.07E-09	1.20E-09	1.18E-09	1.07E-09	4.89E-10	4.75E-10	2.29E-11	5.53E-10	1.22E-10	1.61E-10	2.55E-10	4.49E-11	2.49E-10	1.41E-09
920	490686.72	3860935.12	1.96E-06	1.93E-06	1.88E-06	6.78E-10	2.05E-09	1.19E-09	1.17E-09	1.06E-09	4.84E-10	4.70E-10	2.26E-11	5.47E-10	1.21E-10	1.59E-10	2.52E-10	4.44E-11	2.47E-10	1.39E-09
921	490736.72	3860935.12	1.94E-06	1.91E-06	1.86E-06	6.71E-10	2.03E-09	1.17E-09	1.16E-09	1.05E-09	4.79E-10	4.65E-10	2.24E-11	5.42E-10	1.20E-10	1.57E-10	2.49E-10	4.40E-11	2.44E-10	1.38E-09
922	490786.72	3860935.12	1.92E-06	1.90E-06	1.84E-06	6.65E-10	2.01E-09	1.16E-09	1.15E-09	1.04E-09	4.75E-10	4.61E-10	2.22E-11	5.36E-10	1.18E-10	1.56E-10	2.47E-10	4.35E-11	2.42E-10	1.37E-09
923	490836.72	3860935.12	1.91E-06	1.88E-06	1.83E-06	6.60E-10	1.99E-09	1.15E-09	1.14E-09	1.03E-09	4.71E-10	4.57E-10	2.20E-11	5.32E-10	1.17E-10	1.55E-10	2.45E-10	4.32E-11	2.40E-10	1.36E-09
924	490086.72	3860985.12	2.24E-06	2.21E-06	2.15E-06	7.76E-10	2.34E-09	1.36E-09	1.34E-09	1.21E-09	5.54E-10	5.38E-10	2.59E-11	6.26E-10	1.38E-10	1.82E-10	2.88E-10	5.08E-11	2.82E-10	1.59E-09
925	490136.72	3860985.12	2.20E-06	2.17E-06	2.11E-06	7.61E-10	2.30E-09	1.33E-09	1.31E-09	1.19E-09	5.43E-10	5.27E-10	2.54E-11	6.13E-10	1.35E-10	1.78E-10	2.83E-10	4.98E-11	2.77E-10	1.56E-09
926	490186.72	3860985.12	2.16E-06	2.13E-06	2.07E-06	7.48E-10	2.26E-09	1.31E-09	1.29E-09	1.17E-09	5.34E-10	5.18E-10	2.50E-11	6.04E-10	1.33E-10	1.75E-10	2.78E-10	4.90E-11	2.72E-10	1.54E-09
927	490236.72	3860985.12	2.12E-06	2.10E-06	2.04E-06	7.36E-10	2.22E-09	1.29E-09	1.27E-09	1.15E-09	5.25E-10	5.10E-10	2.46E-11	5.93E-10	1.31E-10	1.72E-10	2.73E-10	4.82E-11	2.68E-10	1.51E-09
928	490286.72	3860985.12	2.09E-06	2.07E-06	2.01E-06	7.25E-10	2.19E-09	1.27E-09	1.25E-09	1.13E-09	5.17E-10	5.02E-10	2.42E-11	5.85E-10	1.29E-10	1.70E-10	2.69E-10	4.75E-11	2.64E-10	1.49E-09
929	490336.72	3860985.12	2.07E-06	2.04E-06	1.98E-06	7.16E-10	2.16E-09	1.25E-09	1.23E-09	1.12E-09	5.11E-10	4.96E-10	2.39E-11	5.77E-10	1.27E-10	1.68E-10	2.66E-10	4.69E-11	2.60E-10	1.47E-09
930	490386.72	3860985.12	2.04E-06	2.02E-06	1.96E-06	7.07E-10	2.14E-09	1.24E-09	1.22E-09	1.11E-09	5.05E-10	4.90E-10	2.36E-11	5.71E-10	1.26E-10	1.66E-10	2.63E-10	4.63E-11	2.57E-10	1.45E-09
931	490436.72	3860985.12	2.02E-06	2.00E-06	1.94E-06	7.01E-10	2.12E-09	1.22E-09	1.21E-09	1.10E-09	5.00E-10	4.85E-10	2.34E-11	5.65E-10	1.25E-10	1.64E-10	2.60E-10	4.59E-11	2.55E-10	1.44E-09
932	490486.72	3860985.12	2.00E-06	1.97E-06	1.92E-06	6.93E-10	2.09E-09	1.21E-09	1.19E-09	1.08E-09	4.94E-10	4.80E-10	2.31E-11	5.59E-10	1.23E-10	1.62E-10	2.57E-10	4.54E-11	2.52E-10	1.42E-09
933	490536.72	3860985.12	1.98E-06	1.95E-06	1.90E-06	6.84E-10	2.07E-09	1.20E-09	1.18E-09	1.07E-09	4.88E-10	4.74E-10	2.29E-11	5.52E-10	1.22E-10	1.60E-10	2.54E-10	4.48E-11	2.49E-10	1.41E-09
934	490586.72	3860985.12	1.95E-06	1.93E-06	1.87E-06	6.77E-10	2.04E-09	1.18E-09	1.17E-09	1.06E-09	4.83E-10	4.69E-10	2.26E-11	5.46E-10	1.20E-10	1.59E-10	2.51E-10	4.43E-11	2.46E-10	1.39E-09
935	490636.72	3860985.12	1.93E-06	1.91E-06	1.85E-06	6.70E-10	2.02E-09	1.17E-09	1.16E-09	1.05E-09	4.78E-10	4.64E-10	2.24E-11	5.40E-10	1.19E-10	1.57E-10	2.49E-10	4.39E-11	2.44E-10	1.38E-09
936	490686.72	3860985.12	1.91E-06	1.89E-06	1.83E-06	6.62E-10	2.00E-09	1.16E-09	1.14E-09	1.04E-09	4.73E-10	4.59E-10	2.21E-11	5.34E-10	1.18E-10	1.55E-10	2.46E-10	4.34E-11	2.41E-10	1.36E-09
937	490736.72	3860985.12	1.89E-06	1.87E-06	1.81E-06	6.55E-10	1.98E-09	1.15E-09	1.13E-09	1.02E-09	4.68E-10	4.54E-10	2.19E-11	5.29E-10	1.17E-10	1.53E-10	2.43E-10	4.29E-11	2.38E-10	1.35E-09
938	490786.72	3860985.12	1.87E-06	1.85E-06	1.80E-06	6.49E-10	1.96E-09	1.13E-09	1.12E-09	1.01E-09	4.63E-10	4.50E-10	2.17E-11	5.23E-10	1.16E-10	1.52E-10	2.41E-10	4.25E-11	2.36E-10	1.33E-09
939	490836.72	3860985.12	1.86E-06	1.84E-06	1.78E-06	6.44E-10	1.94E-09	1.13E-09	1.11E-09	1.01E-09	4.59E-10	4.46E-10	2.15E-11	5.19E-10	1.15E-10	1.51E-10	2.39E-10	4.22E-11	2.34E-10	1.32E-09
940	490086.72	3861035.12	2.20E-06	2.17E-06	2.11E-06	7.61E-10	2.30E-09	1.33E-09	1.31E-09	1.19E-09	5.43E-10	5.27E-10	2.54E-11	6.14E-10	1.35E-10	1.78E-10	2.83E-10	4.98E-11	2.77E-10	1.56E-09
941	490136.72	3861035.12	2.16E-06	2.13E-06	2.07E-06	7.46E-10	2.25E-09	1.30E-09	1.29E-09	1.17E-09	5.32E-10	5.17E-10	2.49E-11	6.02E-10	1.33E-10	1.75E-10	2.77E-10	4.89E-11	2.71E-10	1.53E-09
942	490186.72	3861035.12	2.12E-06	2.09E-06	2.03E-06	7.33E-10	2.21E-09	1.28E-09	1.26E-09	1.15E-09	5.23E-10	5.08E-10	2.45E-11	5.91E-10	1.30E-10	1.72E-10	2.72E-10	4.80E-11	2.66E-10	1.50E-09
943	490236.72	3861035.12	2.08E-06	2.06E-06	2.00E-06	7.21E-10	2.18E-09	1.26E-09	1.24E-09	1.13E-09	5.15E-10	5.00E-10	2.41E-11	5.82E-10	1.28E-10	1.69E-10	2.68E-10	4.72E-11	2.62E-10	1.48E-09
944	490286.72	3861035.12	2.05E-06	2.02E-06	1.97E-06	7.10E-10	2.14E-09	1.24E-09	1.22E-09	1.11E-09	5.07E-10	4.92E-10	2.37E-11	5.73E-10	1.26E-10	1.66E-10	2.64E-10	4.65E-11	2.58E-10	1.46E-09
945	490336.72	3861035.12	2.02E-06	2.00E-06	1.94E-06	7.00E-10	2.11E-09	1.22E-09	1.21E-09	1.09E-09	5.00E-10	4.85E-10	2.34E-11	5.65E-10	1.25E-10	1.64E-10	2.60E-10	4.58E-11	2.55E-10	1.44E-09
946	490386.72	3861035.12	2.00E-06	1.98E-06	1.92E-06	6.93E-10	2.09E-09	1.21E-09	1.20E-09	1.08E-09	4.94E-10	4.80E-10	2.31E-11	5.59E-10	1.23E-10	1.62E-10	2.57E-10	4.54E-11	2.52E-10	1.42E-09
947	490436.72	3861035.12	1.98E-06	1.96E-06	1.90E-06	6.86E-10	2.07E-09	1.20E-09	1.18E-09	1.07E-09	4.89E-10	4.75E-10	2.29E-11	5.53E-10	1.22E-10	1.61E-10	2.55E-10	4.49E-11	2.49E-10	1.41E-09

948	490486.72	3861035.12	1.96E-06	1.93E-06	1.88E-06	6.78E-10	2.05E-09	1.19E-09	1.17E-09	1.06E-09	4.84E-10	4.70E-10	2.26E-11	5.47E-10	1.21E-10	1.59E-10	2.52E-10	4.44E-11	2.47E-10	1.39E-09
949	490536.72	3861035.12	1.94E-06	1.91E-06	1.85E-06	6.70E-10	2.02E-09	1.17E-09	1.16E-09	1.05E-09	4.78E-10	4.64E-10	2.24E-11	5.40E-10	1.19E-10	1.57E-10	2.49E-10	4.39E-11	2.44E-10	1.38E-09
950	490586.72	3861035.12	1.91E-06	1.89E-06	1.83E-06	6.62E-10	2.00E-09	1.16E-09	1.14E-09	1.04E-09	4.72E-10	4.59E-10	2.21E-11	5.34E-10	1.18E-10	1.55E-10	2.46E-10	4.34E-11	2.41E-10	1.36E-09
951	490636.72	3861035.12	1.89E-06	1.87E-06	1.81E-06	6.54E-10	1.98E-09	1.14E-09	1.13E-09	1.02E-09	4.67E-10	4.53E-10	2.19E-11	5.28E-10	1.16E-10	1.53E-10	2.43E-10	4.29E-11	2.38E-10	1.34E-09
952	490686.72	3861035.12	1.87E-06	1.84E-06	1.79E-06	6.47E-10	1.95E-09	1.13E-09	1.12E-09	1.01E-09	4.62E-10	4.48E-10	2.16E-11	5.22E-10	1.15E-10	1.52E-10	2.40E-10	4.24E-11	2.35E-10	1.33E-09
953	490736.72	3861035.12	1.85E-06	1.83E-06	1.77E-06	6.40E-10	1.93E-09	1.12E-09	1.10E-09	1.00E-09	4.57E-10	4.44E-10	2.14E-11	5.16E-10	1.14E-10	1.50E-10	2.38E-10	4.19E-11	2.33E-10	1.31E-09
954	490786.72	3861035.12	1.83E-06	1.81E-06	1.76E-06	6.34E-10	1.91E-09	1.11E-09	1.09E-09	9.92E-10	4.52E-10	4.39E-10	2.12E-11	5.12E-10	1.13E-10	1.49E-10	2.36E-10	4.15E-11	2.31E-10	1.30E-09
955	490836.72	3861035.12	1.82E-06	1.79E-06	1.74E-06	6.29E-10	1.90E-09	1.10E-09	1.08E-09	9.83E-10	4.49E-10	4.36E-10	2.10E-11	5.07E-10	1.12E-10	1.47E-10	2.34E-10	4.12E-11	2.29E-10	1.29E-09
956	490086.72	3861085.12	2.16E-06	2.13E-06	2.07E-06	7.48E-10	2.26E-09	1.31E-09	1.29E-09	1.17E-09	5.34E-10	5.18E-10	2.50E-11	6.03E-10	1.33E-10	1.75E-10	2.78E-10	4.90E-11	2.72E-10	1.54E-09
957	490136.72	3861085.12	2.12E-06	2.09E-06	2.03E-06	7.33E-10	2.21E-09	1.28E-09	1.27E-09	1.15E-09	5.23E-10	5.08E-10	2.45E-11	5.92E-10	1.31E-10	1.72E-10	2.73E-10	4.80E-11	2.67E-10	1.51E-09
958	490186.72	3861085.12	2.08E-06	2.06E-06	2.00E-06	7.21E-10	2.18E-09	1.26E-09	1.24E-09	1.13E-09	5.15E-10	5.00E-10	2.41E-11	5.82E-10	1.28E-10	1.69E-10	2.68E-10	4.72E-11	2.62E-10	1.48E-09
959	490236.72	3861085.12	2.05E-06	2.02E-06	1.96E-06	7.08E-10	2.14E-09	1.24E-09	1.22E-09	1.11E-09	5.06E-10	4.91E-10	2.37E-11	5.71E-10	1.26E-10	1.66E-10	2.63E-10	4.64E-11	2.58E-10	1.45E-09
960	490286.72	3861085.12	2.01E-06	1.99E-06	1.93E-06	6.97E-10	2.11E-09	1.22E-09	1.20E-09	1.09E-09	4.97E-10	4.83E-10	2.33E-11	5.62E-10	1.24E-10	1.63E-10	2.59E-10	4.57E-11	2.54E-10	1.43E-09
961	490336.72	3861085.12	1.98E-06	1.96E-06	1.90E-06	6.87E-10	2.07E-09	1.20E-09	1.19E-09	1.07E-09	4.90E-10	4.76E-10	2.29E-11	5.54E-10	1.22E-10	1.61E-10	2.55E-10	4.50E-11	2.50E-10	1.41E-09
962	490386.72	3861085.12	1.96E-06	1.94E-06	1.88E-06	6.79E-10	2.05E-09	1.19E-09	1.17E-09	1.06E-09	4.85E-10	4.71E-10	2.27E-11	5.48E-10	1.21E-10	1.59E-10	2.52E-10	4.45E-11	2.47E-10	1.39E-09
963	490436.72	3861085.12	1.94E-06	1.91E-06	1.86E-06	6.71E-10	2.03E-09	1.17E-09	1.16E-09	1.05E-09	4.79E-10	4.65E-10	2.24E-11	5.41E-10	1.19E-10	1.57E-10	2.49E-10	4.40E-11	2.44E-10	1.38E-09
964	490486.72	3861085.12	1.92E-06	1.89E-06	1.84E-06	6.63E-10	2.00E-09	1.16E-09	1.14E-09	1.04E-09	4.73E-10	4.60E-10	2.22E-11	5.35E-10	1.18E-10	1.55E-10	2.47E-10	4.34E-11	2.41E-10	1.36E-09
965	490536.72	3861085.12	1.90E-06	1.87E-06	1.82E-06	6.57E-10	1.98E-09	1.15E-09	1.13E-09	1.03E-09	4.69E-10	4.55E-10	2.19E-11	5.30E-10	1.17E-10	1.54E-10	2.44E-10	4.30E-11	2.39E-10	1.35E-09
966	490586.72	3861085.12	1.87E-06	1.85E-06	1.80E-06	6.49E-10	1.96E-09	1.13E-09	1.12E-09	1.01E-09	4.63E-10	4.49E-10	2.17E-11	5.23E-10	1.15E-10	1.52E-10	2.41E-10	4.25E-11	2.36E-10	1.33E-09
967	490636.72	3861085.12	1.85E-06	1.82E-06	1.77E-06	6.40E-10	1.93E-09	1.12E-09	1.10E-09	1.00E-09	4.57E-10	4.44E-10	2.14E-11	5.16E-10	1.14E-10	1.50E-10	2.38E-10	4.19E-11	2.33E-10	1.31E-09
968	490686.72	3861085.12	1.83E-06	1.80E-06	1.75E-06	6.33E-10	1.91E-09	1.11E-09	1.09E-09	9.89E-10	4.51E-10	4.38E-10	2.11E-11	5.10E-10	1.13E-10	1.48E-10	2.35E-10	4.14E-11	2.30E-10	1.30E-09
969	490736.72	3861085.12	1.81E-06	1.79E-06	1.73E-06	6.26E-10	1.89E-09	1.09E-09	1.08E-09	9.79E-10	4.47E-10	4.34E-10	2.09E-11	5.05E-10	1.11E-10	1.47E-10	2.33E-10	4.10E-11	2.28E-10	1.29E-09
970	490786.72	3861085.12	1.79E-06	1.77E-06	1.72E-06	6.20E-10	1.87E-09	1.08E-09	1.07E-09	9.69E-10	4.42E-10	4.30E-10	2.07E-11	5.00E-10	1.10E-10	1.45E-10	2.30E-10	4.06E-11	2.25E-10	1.27E-09
971	490836.72	3861085.12	1.77E-06	1.75E-06	1.70E-06	6.14E-10	1.85E-09	1.07E-09	1.06E-09	9.60E-10	4.38E-10	4.26E-10	2.05E-11	4.95E-10	1.09E-10	1.44E-10	2.28E-10	4.02E-11	2.23E-10	1.26E-09
972	490086.72	3861135.12	2.12E-06	2.10E-06	2.03E-06	7.35E-10	2.22E-09	1.28E-09	1.27E-09	1.15E-09	5.24E-10	5.09E-10	2.45E-11	5.93E-10	1.31E-10	1.72E-10	2.73E-10	4.81E-11	2.67E-10	1.51E-09
973	490136.72	3861135.12	2.08E-06	2.05E-06	1.99E-06	7.20E-10	2.17E-09	1.26E-09	1.24E-09	1.13E-09	5.14E-10	4.99E-10	2.40E-11	5.81E-10	1.28E-10	1.69E-10	2.68E-10	4.72E-11	2.62E-10	1.48E-09
974	490186.72	3861135.12	2.04E-06	2.02E-06	1.96E-06	7.08E-10	2.14E-09	1.24E-09	1.22E-09	1.11E-09	5.05E-10	4.90E-10	2.36E-11	5.71E-10	1.26E-10	1.66E-10	2.63E-10	4.63E-11	2.57E-10	1.45E-09
975	490236.72	3861135.12	2.01E-06	1.98E-06	1.93E-06	6.96E-10	2.10E-09	1.22E-09	1.20E-09	1.09E-09	4.97E-10	4.82E-10	2.32E-11	5.61E-10	1.24E-10	1.63E-10	2.59E-10	4.56E-11	2.53E-10	1.43E-09
976	490286.72	3861135.12	1.98E-06	1.95E-06	1.90E-06	6.85E-10	2.07E-09	1.20E-09	1.18E-09	1.07E-09	4.89E-10	4.75E-10	2.29E-11	5.53E-10	1.22E-10	1.60E-10	2.55E-10	4.49E-11	2.49E-10	1.41E-09
977	490336.72	3861135.12	1.95E-06	1.92E-06	1.87E-06	6.75E-10	2.04E-09	1.18E-09	1.16E-09	1.06E-09	4.82E-10	4.68E-10	2.25E-11	5.44E-10	1.20E-10	1.58E-10	2.51E-10	4.42E-11	2.45E-10	1.39E-09
978	490386.72	3861135.12	1.92E-06	1.90E-06	1.84E-06	6.66E-10	2.01E-09	1.16E-09	1.15E-09	1.04E-09	4.75E-10	4.62E-10	2.22E-11	5.37E-10	1.19E-10	1.56E-10	2.48E-10	4.36E-11	2.42E-10	1.37E-09
979	490436.72	3861135.12	1.90E-06	1.88E-06	1.82E-06	6.58E-10	1.99E-09	1.15E-09	1.13E-09	1.03E-09	4.69E-10	4.56E-10	2.20E-11	5.31E-10	1.17E-10	1.54E-10	2.44E-10	4.31E-11	2.39E-10	1.35E-09
980	490486.72	3861135.12	1.88E-06	1.85E-06	1.80E-06	6.50E-10	1.96E-09	1.14E-09	1.12E-09	1.02E-09	4.64E-10	4.51E-10	2.17E-11	5.25E-10	1.16E-10	1.52E-10	2.42E-10	4.26E-11	2.36E-10	1.33E-09
981	490536.72	3861135.12	1.86E-06	1.83E-06	1.78E-06	6.43E-10	1.94E-09	1.12E-09	1.11E-09	1.01E-09	4.59E-10	4.45E-10	2.15E-11	5.19E-10	1.14E-10	1.51E-10	2.39E-10	4.21E-11	2.34E-10	1.32E-09
982	490586.72	3861135.12	1.83E-06	1.81E-06	1.76E-06	6.35E-10	1.92E-09	1.11E-09	1.10E-09	9.93E-10	4.53E-10	4.40E-10	2.12E-11	5.12E-10	1.13E-10	1.49E-10	2.36E-10	4.16E-11	2.31E-10	1.30E-09
983	490636.72	3861135.12	1.81E-06	1.79E-06	1.74E-06	6.27E-10	1.89E-09	1.10E-09	1.08E-09	9.80E-10	4.47E-10	4.34E-10	2.09E-11	5.06E-10	1.12E-10	1.47E-10	2.33E-10	4.11E-11	2.28E-10	1.29E-09
984	490686.72	3861135.12	1.79E-06	1.77E-06	1.72E-06	6.20E-10	1.87E-09	1.08E-09	1.07E-09	9.69E-10	4.42E-10	4.30E-10	2.07E-11	5.00E-10	1.10E-10	1.45E-10	2.30E-10	4.06E-11	2.25E-10	1.27E-09
985	490736.72	3861135.12	1.77E-06	1.75E-06	1.70E-06	6.13E-10	1.85E-09	1.07E-09	1.06E-09	9.59E-10	4.38E-10	4.25E-10	2.05E-11	4.95E-10	1.09E-10	1.44E-10	2.28E-10	4.02E-11	2.23E-10	1.26E-09
986	490786.72	3861135.12	1.75E-06	1.73E-06	1.68E-06	6.07E-10	1.83E-09	1.06E-09	1.05E-09	9.49E-10	4.33E-10	4.21E-10	2.03E-11	4.90E-10	1.08E-10	1.42E-10	2.26E-10	3.98E-11	2.21E-10	1.25E-09
987	490836.72	3861135.12	1.74E-06	1.71E-06	1.66E-06	6.01E-10	1.81E-09	1.05E-09	1.04E-09	9.40E-10	4.29E-10	4.16E-10	2.01E-11	4.85E-10	1.07E-10	1.41E-10	2.23E-10	3.94E-11	2.19E-10	1.23E-09
988	490086.72	3861185.12	2.09E-06	2.06E-06	2.00E-06	7.23E-10	2.18E-09	1.26E-09	1.25E-09	1.13E-09	5.16E-10	5.01E-10	2.41E-11	5.83E-10	1.29E-10	1.69E-10	2.69E-10	4.73E-11	2.63E-10	1.48E-09
989	490136.72	3861185.12	2.04E-06	2.01E-06	1.96E-06	7.07E-10	2.13E-09	1.24E-09	1.22E-09	1.11E-09	5.04E-10	4.90E-10	2.36E-11	5.70E-10	1.26E-10	1.66E-10	2.63E-10	4.63E-11	2.57E-10	1.45E-09
990	490186.72	3861185.12	2.00E-06	1.98E-06	1.92E-06	6.93E-10	2.09E-09	1.21E-09	1.20E-09	1.08E-09	4.95E-10	4.81E-10	2.32E-11	5.59E-10	1.23E-10	1.62E-10	2.58E-10	4.54E-11	2.52E-10	1.42E-09
991	490236.72	3861185.12	1.97E-06	1.94E-06	1.89E-06	6.82E-10	2.06E-09	1.19E-09	1.18E-09	1.07E-09	4.87E-10	4.73E-10	2.28E-11	5.50E-10	1.21E-10	1.60E-10	2.53E-10	4.47E-11	2.48E-10	1.40E-09
992	490286.72	3861185.12	1.94E-06	1.92E-06	1.86E-06	6.73E-10	2.03E-09	1.18E-09	1.16E-09	1.05E-09	4.80E-10	4.66E-10	2.25E-11	5.43E-10	1.20E-10	1.58E-10	2.50E-10	4.41E-11	2.45E-10	1.38E-09
993	490336.72	3861185.12	1.91E-06	1.88E-06	1.83E-06	6.61E-10	2.00E-09	1.16E-09	1.14E-09	1.03E-09	4.72E-10	4.58E-10	2.21E-11	5.33E-10	1.18E-10	1.55E-10	2.46E-10	4.33E-11	2.40E-10	1.36E-09
994	490386.72	3861185.12	1.89E-06	1.86E-06	1.81E-06	6.53E-10	1.97E-09	1.14E-09	1.13E-09	1.02E-09	4.66E-10	4.52E-10	2.18E-11	5.26E-10	1.16E-10	1.53E-10	2.42E-10	4.27E-11	2.37E-10	1.34E-09
995	490436.72	3861185.12	1.86E-06	1.84E-06	1.79E-06	6.45E-10	1.95E-09	1.13E-09	1.11E-09	1.01E-09	4.60E-10	4.47E-10	2.15E-11	5.20E-10	1.15E-10	1.51E-10	2.40E-10	4.23E-11	2.35E-10	1.32E-09
996	490486.72	3861185.12	1.84E-06	1.82E-06	1.76E-06	6.37E-10	1.92E-09	1.11E-09	1.10E-09	9.97E-10	4.55E-10	4.42E-10	2.13E-11	5.14E-10	1.13E-10	1.49E-10	2.37E-10	4.17E-11	2.32E-10	1.31E-09
997	490536.72	3861185.12	1.82E-06	1.80E-06	1.75E-06	6.31E-10	1.91E-09	1.10E-09	1.09E-09	9.87E-10	4.51E-10	4.38E-10	2.11E-11	5.09E-10	1.12E-10	1.48E-10	2.35E-10	4.13E-11	2.30E-10	1.30E-09
998	490586.72	3861185.12	1.80E-06	1.78E-06	1.73E-06	6.23E-10	1.88E-09	1.09E-09	1.08E-09	9.75E-10	4.45E-10	4.32E-10	2.08E-11	5.03E-10	1.11E-10	1.46E-10	2.32E-10	4.08E-11	2.27E-10	1.28E-09
999	490636.72	3861185.12	1.77E-06	1.75E-06	1.70E-06	6.14E-10	1.86E-09	1.07E-09	1.06E-09	9.61E-10	4.38E-10	4.26E-10	2.05E-11	4.96E-10	1.09E-10	1.44E-10	2.28E-10	4.02E-11	2.23E-10	1.26E-09
1000	490686.72	3861185.12	1.75E-06	1.73E-06	1.68E-06	6.07E-10	1.83E-09	1.06E-09	1.05E-09	9.50E-10	4.33E-10	4.21E-10	2.03E-11	4.90E-10	1.08E-10	1.42E-10	2.26E-10	3.98E-11	2.21E-10	1.25E-09

1001	490736.72	3861185.12	1.74E-06	1.71E-06	1.66E-06	6.01E-10	1.82E-09	1.05E-09	1.04E-09	9.40E-10	4.29E-10	4.17E-10	2.01E-11	4.85E-10	1.07E-10	1.41E-10	2.23E-10	3.94E-11	2.19E-10	1.23E-09
1002	490786.72	3861185.12	1.72E-06	1.70E-06	1.65E-06	5.95E-10	1.80E-09	1.04E-09	1.03E-09	9.31E-10	4.25E-10	4.12E-10	1.99E-11	4.80E-10	1.06E-10	1.39E-10	2.21E-10	3.90E-11	2.16E-10	1.22E-09
1003	490836.72	3861185.12	1.70E-06	1.68E-06	1.63E-06	5.89E-10	1.78E-09	1.03E-09	1.02E-09	9.21E-10	4.20E-10	4.08E-10	1.97E-11	4.75E-10	1.05E-10	1.38E-10	2.19E-10	3.86E-11	2.14E-10	1.21E-09
1004	490086.72	3861235.12	2.06E-06	2.03E-06	1.97E-06	7.11E-10	2.15E-09	1.24E-09	1.23E-09	1.11E-09	5.08E-10	4.93E-10	2.38E-11	5.74E-10	1.27E-10	1.67E-10	2.64E-10	4.66E-11	2.59E-10	1.46E-09
1005	490136.72	3861235.12	2.01E-06	1.98E-06	1.92E-06	6.95E-10	2.10E-09	1.22E-09	1.20E-09	1.09E-09	4.96E-10	4.82E-10	2.32E-11	5.61E-10	1.24E-10	1.63E-10	2.58E-10	4.55E-11	2.53E-10	1.43E-09
1006	490186.72	3861235.12	1.97E-06	1.94E-06	1.89E-06	6.82E-10	2.06E-09	1.19E-09	1.18E-09	1.07E-09	4.87E-10	4.73E-10	2.28E-11	5.50E-10	1.21E-10	1.60E-10	2.53E-10	4.47E-11	2.48E-10	1.40E-09
1007	490236.72	3861235.12	1.93E-06	1.91E-06	1.85E-06	6.69E-10	2.02E-09	1.17E-09	1.15E-09	1.05E-09	4.78E-10	4.64E-10	2.23E-11	5.40E-10	1.19E-10	1.57E-10	2.49E-10	4.38E-11	2.43E-10	1.37E-09
1008	490386.72	3861235.12	1.85E-06	1.82E-06	1.77E-06	6.40E-10	1.93E-09	1.12E-09	1.10E-09	1.00E-09	4.56E-10	4.43E-10	2.14E-11	5.16E-10	1.14E-10	1.50E-10	2.38E-10	4.19E-11	2.33E-10	1.31E-09
1009	490436.72	3861235.12	1.82E-06	1.80E-06	1.75E-06	6.31E-10	1.91E-09	1.10E-09	1.09E-09	9.87E-10	4.50E-10	4.37E-10	2.11E-11	5.09E-10	1.12E-10	1.48E-10	2.34E-10	4.13E-11	2.29E-10	1.30E-09
1010	490486.72	3861235.12	1.80E-06	1.78E-06	1.73E-06	6.23E-10	1.88E-09	1.09E-09	1.08E-09	9.75E-10	4.45E-10	4.32E-10	2.08E-11	5.03E-10	1.11E-10	1.46E-10	2.32E-10	4.08E-11	2.27E-10	1.28E-09
1011	490536.72	3861235.12	1.79E-06	1.76E-06	1.71E-06	6.19E-10	1.87E-09	1.08E-09	1.07E-09	9.67E-10	4.41E-10	4.29E-10	2.07E-11	4.99E-10	1.10E-10	1.45E-10	2.30E-10	4.05E-11	2.25E-10	1.27E-09
1012	490586.72	3861235.12	1.77E-06	1.75E-06	1.70E-06	6.13E-10	1.85E-09	1.07E-09	1.06E-09	9.58E-10	4.37E-10	4.25E-10	2.05E-11	4.94E-10	1.09E-10	1.44E-10	2.28E-10	4.01E-11	2.23E-10	1.26E-09
1013	490636.72	3861235.12	1.74E-06	1.72E-06	1.67E-06	6.02E-10	1.82E-09	1.05E-09	1.04E-09	9.42E-10	4.30E-10	4.17E-10	2.01E-11	4.86E-10	1.07E-10	1.41E-10	2.24E-10	3.94E-11	2.19E-10	1.24E-09
1014	490686.72	3861235.12	1.72E-06	1.70E-06	1.65E-06	5.95E-10	1.80E-09	1.04E-09	1.03E-09	9.31E-10	4.25E-10	4.13E-10	1.99E-11	4.80E-10	1.06E-10	1.39E-10	2.21E-10	3.90E-11	2.17E-10	1.22E-09
1015	490736.72	3861235.12	1.70E-06	1.68E-06	1.63E-06	5.90E-10	1.78E-09	1.03E-09	1.02E-09	9.22E-10	4.21E-10	4.09E-10	1.97E-11	4.76E-10	1.05E-10	1.38E-10	2.19E-10	3.86E-11	2.14E-10	1.21E-09
1016	490786.72	3861235.12	1.69E-06	1.67E-06	1.62E-06	5.84E-10	1.76E-09	1.02E-09	1.01E-09	9.13E-10	4.17E-10	4.05E-10	1.95E-11	4.71E-10	1.04E-10	1.37E-10	2.17E-10	3.83E-11	2.12E-10	1.20E-09
1017	490836.72	3861235.12	1.67E-06	1.65E-06	1.60E-06	5.78E-10	1.75E-09	1.01E-09	9.97E-10	9.04E-10	4.12E-10	4.00E-10	1.93E-11	4.66E-10	1.03E-10	1.35E-10	2.15E-10	3.78E-11	2.10E-10	1.19E-09
1018	490086.72	3861285.12	2.03E-06	2.00E-06	1.94E-06	7.02E-10	2.12E-09	1.23E-09	1.21E-09	1.10E-09	5.01E-10	4.87E-10	2.34E-11	5.66E-10	1.25E-10	1.64E-10	2.61E-10	4.60E-11	2.55E-10	1.44E-09
1019	490136.72	3861285.12	1.99E-06	1.96E-06	1.90E-06	6.87E-10	2.08E-09	1.20E-09	1.19E-09	1.08E-09	4.91E-10	4.76E-10	2.30E-11	5.54E-10	1.22E-10	1.61E-10	2.55E-10	4.50E-11	2.50E-10	1.41E-09
1020	490186.72	3861285.12	1.94E-06	1.92E-06	1.86E-06	6.72E-10	2.03E-09	1.17E-09	1.16E-09	1.05E-09	4.79E-10	4.66E-10	2.24E-11	5.42E-10	1.20E-10	1.57E-10	2.50E-10	4.40E-11	2.44E-10	1.38E-09
1021	490236.72	3861285.12	1.90E-06	1.88E-06	1.82E-06	6.59E-10	1.99E-09	1.15E-09	1.14E-09	1.03E-09	4.70E-10	4.57E-10	2.20E-11	5.32E-10	1.17E-10	1.54E-10	2.45E-10	4.32E-11	2.40E-10	1.35E-09
1022	490386.72	3861285.12	1.82E-06	1.79E-06	1.74E-06	6.29E-10	1.90E-09	1.10E-09	1.08E-09	9.83E-10	4.48E-10	4.36E-10	2.10E-11	5.07E-10	1.12E-10	1.47E-10	2.34E-10	4.12E-11	2.29E-10	1.29E-09
1023	490436.72	3861285.12	1.79E-06	1.77E-06	1.72E-06	6.21E-10	1.87E-09	1.09E-09	1.07E-09	9.71E-10	4.43E-10	4.30E-10	2.07E-11	5.01E-10	1.10E-10	1.45E-10	2.31E-10	4.07E-11	2.26E-10	1.27E-09
1024	490486.72	3861285.12	1.77E-06	1.75E-06	1.70E-06	6.12E-10	1.85E-09	1.07E-09	1.06E-09	9.58E-10	4.37E-10	4.24E-10	2.04E-11	4.94E-10	1.09E-10	1.43E-10	2.28E-10	4.01E-11	2.23E-10	1.26E-09
1025	490536.72	3861285.12	1.75E-06	1.73E-06	1.68E-06	6.05E-10	1.83E-09	1.06E-09	1.04E-09	9.46E-10	4.32E-10	4.19E-10	2.02E-11	4.88E-10	1.08E-10	1.42E-10	2.25E-10	3.96E-11	2.20E-10	1.24E-09
1026	490586.72	3861285.12	1.73E-06	1.71E-06	1.66E-06	5.99E-10	1.81E-09	1.05E-09	1.03E-09	9.36E-10	4.27E-10	4.15E-10	2.00E-11	4.83E-10	1.07E-10	1.40E-10	2.22E-10	3.92E-11	2.18E-10	1.23E-09
1027	490636.72	3861285.12	1.71E-06	1.68E-06	1.63E-06	5.90E-10	1.78E-09	1.03E-09	1.02E-09	9.23E-10	4.21E-10	4.09E-10	1.97E-11	4.76E-10	1.05E-10	1.38E-10	2.19E-10	3.87E-11	2.15E-10	1.21E-09
1028	490686.72	3861285.12	1.69E-06	1.66E-06	1.62E-06	5.84E-10	1.76E-09	1.02E-09	1.01E-09	9.13E-10	4.16E-10	4.04E-10	1.95E-11	4.71E-10	1.04E-10	1.37E-10	2.17E-10	3.82E-11	2.12E-10	1.20E-09
1029	490736.72	3861285.12	1.67E-06	1.65E-06	1.60E-06	5.79E-10	1.75E-09	1.01E-09	9.99E-10	9.05E-10	4.13E-10	4.01E-10	1.93E-11	4.67E-10	1.03E-10	1.36E-10	2.15E-10	3.79E-11	2.11E-10	1.19E-09
1030	490786.72	3861285.12	1.65E-06	1.63E-06	1.59E-06	5.73E-10	1.73E-09	1.00E-09	9.88E-10	8.96E-10	4.09E-10	3.97E-10	1.91E-11	4.62E-10	1.02E-10	1.34E-10	2.13E-10	3.75E-11	2.08E-10	1.18E-09
1031	490836.72	3861285.12	1.63E-06	1.61E-06	1.57E-06	5.66E-10	1.71E-09	9.89E-10	9.76E-10	8.85E-10	4.04E-10	3.92E-10	1.89E-11	4.56E-10	1.01E-10	1.33E-10	2.10E-10	3.71E-11	2.06E-10	1.16E-09
1032	490061.24	3859716.13	6.76E-06	6.67E-06	6.48E-06	2.34E-09	7.07E-09	4.09E-09	4.04E-09	3.66E-09	1.67E-09	1.62E-09	7.82E-11	1.89E-09	4.17E-10	5.48E-10	8.70E-10	1.53E-10	8.51E-10	4.80E-09
1033	490111.24	3859716.13	6.64E-06	6.55E-06	6.37E-06	2.30E-09	6.94E-09	4.02E-09	3.97E-09	3.60E-09	1.64E-09	1.59E-09	7.68E-11	1.85E-09	4.09E-10	5.38E-10	8.54E-10	1.51E-10	8.36E-10	4.72E-09
1034	490161.24	3859716.13	6.52E-06	6.43E-06	6.25E-06	2.26E-09	6.81E-09	3.94E-09	3.89E-09	3.53E-09	1.61E-09	1.56E-09	7.53E-11	1.82E-09	4.02E-10	5.28E-10	8.38E-10	1.48E-10	8.20E-10	4.63E-09
1035	490211.24	3859716.13	6.39E-06	6.31E-06	6.13E-06	2.21E-09	6.68E-09	3.87E-09	3.82E-09	3.46E-09	1.58E-09	1.53E-09	7.39E-11	1.78E-09	3.94E-10	5.18E-10	8.22E-10	1.45E-10	8.05E-10	4.54E-09
1036	490061.24	3859766.13	6.20E-06	6.12E-06	5.94E-06	2.14E-09	6.48E-09	3.75E-09	3.70E-09	3.35E-09	1.53E-09	1.49E-09	7.16E-11	1.73E-09	3.82E-10	5.02E-10	7.97E-10	1.40E-10	7.80E-10	4.40E-09
1037	490111.24	3859766.13	6.10E-06	6.02E-06	5.85E-06	2.11E-09	6.38E-09	3.69E-09	3.64E-09	3.30E-09	1.51E-09	1.46E-09	7.05E-11	1.70E-09	3.76E-10	4.95E-10	7.85E-10	1.38E-10	7.68E-10	4.33E-09
1038	490161.24	3859766.13	6.00E-06	5.92E-06	5.75E-06	2.08E-09	6.27E-09	3.63E-09	3.58E-09	3.25E-09	1.48E-09	1.44E-09	6.93E-11	1.68E-09	3.70E-10	4.86E-10	7.72E-10	1.36E-10	7.55E-10	4.26E-09
1039	490211.24	3859766.13	5.90E-06	5.83E-06	5.66E-06	2.04E-09	6.17E-09	3.57E-09	3.52E-09	3.20E-09	1.46E-09	1.42E-09	6.82E-11	1.65E-09	3.64E-10	4.79E-10	7.59E-10	1.34E-10	7.43E-10	4.19E-09
1040	490061.24	3859816.13	5.70E-06	5.62E-06	5.46E-06	1.97E-09	5.96E-09	3.45E-09	3.40E-09	3.09E-09	1.41E-09	1.37E-09	6.59E-11	1.59E-09	3.51E-10	4.62E-10	7.33E-10	1.29E-10	7.17E-10	4.05E-09
1041	490111.24	3859816.13	5.62E-06	5.55E-06	5.39E-06	1.95E-09	5.88E-09	3.40E-09	3.36E-09	3.04E-09	1.39E-09	1.35E-09	6.50E-11	1.57E-09	3.46E-10	4.56E-10	7.23E-10	1.27E-10	7.08E-10	3.99E-09
1042	490161.24	3859816.13	5.54E-06	5.47E-06	5.31E-06	1.92E-09	5.80E-09	3.36E-09	3.31E-09	3.00E-09	1.37E-09	1.33E-09	6.41E-11	1.55E-09	3.42E-10	4.50E-10	7.13E-10	1.26E-10	6.98E-10	3.94E-09
1043	490211.24	3859816.13	5.47E-06	5.39E-06	5.24E-06	1.89E-09	5.71E-09	3.31E-09	3.26E-09	2.96E-09	1.35E-09	1.31E-09	6.32E-11	1.53E-09	3.37E-10	4.43E-10	7.03E-10	1.24E-10	6.88E-10	3.88E-09
1044	490061.24	3859866.13	5.27E-06	5.20E-06	5.05E-06	1.82E-09	5.51E-09	3.19E-09	3.15E-09	2.85E-09	1.30E-09	1.26E-09	6.09E-11	1.47E-09	3.25E-10	4.27E-10	6.78E-10	1.19E-10	6.63E-10	3.74E-09
1045	490111.24	3859866.13	5.21E-06	5.14E-06	4.99E-06	1.80E-09	5.44E-09	3.15E-09	3.11E-09	2.82E-09	1.29E-09	1.25E-09	6.02E-11	1.45E-09	3.21E-10	4.22E-10	6.70E-10	1.18E-10	6.56E-10	3.70E-09
1046	490161.24	3859866.13	5.15E-06	5.08E-06	4.94E-06	1.78E-09	5.38E-09	3.12E-09	3.08E-09	2.79E-09	1.27E-09	1.24E-09	5.95E-11	1.44E-09	3.17E-10	4.18E-10	6.62E-10	1.17E-10	6.48E-10	3.66E-09
1047	490211.24	3859866.13	5.09E-06	5.02E-06	4.88E-06	1.76E-09	5.32E-09	3.08E-09	3.04E-09	2.75E-09	1.26E-09	1.22E-09	5.88E-11	1.42E-09	3.13E-10	4.12E-10	6.54E-10	1.15E-10	6.40E-10	3.62E-09
1048	490061.24	3859916.13	4.90E-06	4.83E-06	4.69E-06	1.70E-09	5.12E-09	2.96E-09	2.92E-09	2.65E-09	1.21E-09	1.17E-09	5.66E-11	1.37E-09	3.02E-10	3.97E-10	6.30E-10	1.11E-10	6.17E-10	3.48E-09
1049	490111.24	3859916.13	4.85E-06	4.79E-06	4.65E-06	1.68E-09	5.07E-09	2.93E-09	2.90E-09	2.63E-09	1.20E-09	1.16E-09	5.61E-11	1.35E-09	2.99E-10	3.93E-10	6.24E-10	1.10E-10	6.10E-10	3.45E-09
1050	490161.24	3859916.13	4.80E-06	4.74E-06	4.60E-06	1.66E-09	5.02E-09	2.90E-09	2.87E-09	2.60E-09	1.19E-09	1.15E-09	5.55E-11	1.34E-09	2.96E-10	3.89E-10	6.17E-10	1.09E-10	6.04E-10	3.41E-09
1051	490211.24	3859916.13	4.75E-06	4.68E-06	4.55E-06	1.64E-09	4.96E-09	2.87E-09	2.83E-09	2.57E-09	1.17E-09	1.14E-09	5.49E-11	1.32E-09	2.92E-10	3.85E-10	6.10E-10	1.08E-10	5.97E-10	3.37E-09
1052	490229.25	3859815.26	5.45E-06	5.38E-06	5.22E-06	1.89E-09	5.70E-09	3.30E-09	3.25E-09	2.95E-09	1.35E-09	1.31E-09	6.30E-11	1.52E-09	3.36E-10	4.42E-10	7.01E-10	1.24E-10	6.86E-10	3.87E-09
1053	490279.25	3859815.26	5.37E-06	5.30E-06	5.14E-06	1.86E-09	5.61E-09	3.25E-09	3.20E-09	2.90E-09	1.33E-09	1.29E-09	6.20E-11	1.50E-09	3.31E-10	4.35E-10	6.90E-10	1.22E-10	6.75E-10	3.81E-09

1054	490329.25	3859815.26	5.28E-06	5.21E-06	5.06E-06	1.83E-09	5.52E-09	3.20E-09	3.15E-09	2.86E-09	1.30E-09	1.27E-09	6.11E-11	1.47E-09	3.25E-10	4.28E-10	6.79E-10	1.20E-10	6.65E-10	3.75E-09
1055	490379.25	3859815.26	5.22E-06	5.15E-06	5.00E-06	1.81E-09	5.45E-09	3.16E-09	3.12E-09	2.82E-09	1.29E-09	1.25E-09	6.03E-11	1.46E-09	3.22E-10	4.23E-10	6.71E-10	1.18E-10	6.57E-10	3.71E-09
1056	490429.25	3859815.26	5.17E-06	5.11E-06	4.96E-06	1.79E-09	5.41E-09	3.13E-09	3.09E-09	2.80E-09	1.28E-09	1.24E-09	5.98E-11	1.44E-09	3.19E-10	4.19E-10	6.65E-10	1.17E-10	6.51E-10	3.68E-09
1057	490229.25	3859865.26	5.07E-06	5.00E-06	4.86E-06	1.76E-09	5.30E-09	3.07E-09	3.03E-09	2.75E-09	1.25E-09	1.22E-09	5.86E-11	1.42E-09	3.12E-10	4.11E-10	6.52E-10	1.15E-10	6.38E-10	3.60E-09
1058	490279.25	3859865.26	5.00E-06	4.94E-06	4.79E-06	1.73E-09	5.23E-09	3.03E-09	2.99E-09	2.71E-09	1.24E-09	1.20E-09	5.78E-11	1.40E-09	3.08E-10	4.06E-10	6.43E-10	1.13E-10	6.30E-10	3.55E-09
1059	490329.25	3859865.26	4.93E-06	4.87E-06	4.73E-06	1.71E-09	5.15E-09	2.98E-09	2.94E-09	2.67E-09	1.22E-09	1.18E-09	5.70E-11	1.38E-09	3.04E-10	4.00E-10	6.34E-10	1.12E-10	6.21E-10	3.50E-09
1060	490379.25	3859865.26	4.87E-06	4.80E-06	4.67E-06	1.68E-09	5.09E-09	2.95E-09	2.91E-09	2.63E-09	1.20E-09	1.17E-09	5.63E-11	1.36E-09	3.00E-10	3.95E-10	6.26E-10	1.10E-10	6.13E-10	3.46E-09
1061	490429.25	3859865.26	4.81E-06	4.75E-06	4.61E-06	1.67E-09	5.03E-09	2.91E-09	2.87E-09	2.60E-09	1.19E-09	1.15E-09	5.56E-11	1.34E-09	2.96E-10	3.90E-10	6.19E-10	1.09E-10	6.06E-10	3.42E-09
1062	490229.25	3859915.26	4.73E-06	4.67E-06	4.54E-06	1.64E-09	4.95E-09	2.86E-09	2.83E-09	2.56E-09	1.17E-09	1.14E-09	5.47E-11	1.32E-09	2.92E-10	3.84E-10	6.09E-10	1.07E-10	5.96E-10	3.36E-09
1063	490279.25	3859915.26	4.67E-06	4.61E-06	4.48E-06	1.62E-09	4.88E-09	2.83E-09	2.79E-09	2.53E-09	1.15E-09	1.12E-09	5.40E-11	1.30E-09	2.88E-10	3.79E-10	6.01E-10	1.06E-10	5.88E-10	3.32E-09
1064	490329.25	3859915.26	4.62E-06	4.56E-06	4.42E-06	1.60E-09	4.82E-09	2.79E-09	2.76E-09	2.50E-09	1.14E-09	1.11E-09	5.34E-11	1.29E-09	2.84E-10	3.74E-10	5.94E-10	1.05E-10	5.81E-10	3.28E-09
1065	490379.25	3859915.26	4.56E-06	4.50E-06	4.37E-06	1.58E-09	4.77E-09	2.76E-09	2.72E-09	2.47E-09	1.13E-09	1.09E-09	5.27E-11	1.27E-09	2.81E-10	3.70E-10	5.86E-10	1.03E-10	5.74E-10	3.24E-09
1066	490429.25	3859915.26	4.50E-06	4.44E-06	4.32E-06	1.56E-09	4.71E-09	2.72E-09	2.69E-09	2.44E-09	1.11E-09	1.08E-09	5.21E-11	1.26E-09	2.77E-10	3.65E-10	5.79E-10	1.02E-10	5.67E-10	3.20E-09
1067	490451.43	3859872.59	4.74E-06	4.68E-06	4.54E-06	1.64E-09	4.95E-09	2.87E-09	2.83E-09	2.56E-09	1.17E-09	1.14E-09	5.48E-11	1.32E-09	2.92E-10	3.84E-10	6.09E-10	1.07E-10	5.96E-10	3.37E-09
1068	490501.43	3859872.59	4.70E-06	4.64E-06	4.51E-06	1.63E-09	4.91E-09	2.84E-09	2.81E-09	2.55E-09	1.16E-09	1.13E-09	5.43E-11	1.31E-09	2.90E-10	3.81E-10	6.05E-10	1.07E-10	5.92E-10	3.34E-09
1069	490551.43	3859872.59	4.69E-06	4.62E-06	4.49E-06	1.62E-09	4.90E-09	2.84E-09	2.80E-09	2.54E-09	1.16E-09	1.12E-09	5.42E-11	1.31E-09	2.89E-10	3.80E-10	6.03E-10	1.06E-10	5.90E-10	3.33E-09
1070	490601.43	3859872.59	4.68E-06	4.61E-06	4.48E-06	1.62E-09	4.89E-09	2.83E-09	2.79E-09	2.53E-09	1.15E-09	1.12E-09	5.41E-11	1.31E-09	2.88E-10	3.79E-10	6.01E-10	1.06E-10	5.89E-10	3.32E-09
1071	490451.43	3859922.59	4.44E-06	4.38E-06	4.25E-06	1.54E-09	4.64E-09	2.69E-09	2.65E-09	2.40E-09	1.10E-09	1.06E-09	5.13E-11	1.24E-09	2.74E-10	3.60E-10	5.71E-10	1.01E-10	5.59E-10	3.15E-09
1072	490501.43	3859922.59	4.40E-06	4.34E-06	4.21E-06	1.52E-09	4.60E-09	2.66E-09	2.63E-09	2.38E-09	1.09E-09	1.05E-09	5.08E-11	1.23E-09	2.71E-10	3.56E-10	5.65E-10	9.97E-11	5.53E-10	3.12E-09
1073	490551.43	3859922.59	4.37E-06	4.32E-06	4.19E-06	1.51E-09	4.57E-09	2.65E-09	2.61E-09	2.37E-09	1.08E-09	1.05E-09	5.06E-11	1.22E-09	2.69E-10	3.55E-10	5.62E-10	9.91E-11	5.51E-10	3.11E-09
1074	490601.43	3859922.59	4.36E-06	4.30E-06	4.18E-06	1.51E-09	4.56E-09	2.64E-09	2.60E-09	2.36E-09	1.08E-09	1.05E-09	5.04E-11	1.22E-09	2.69E-10	3.54E-10	5.61E-10	9.88E-11	5.49E-10	3.10E-09
1075	482129.67	3852241.07	1.68E-07	1.66E-07	1.61E-07	5.83E-11	1.76E-10	1.02E-10	1.01E-10	9.12E-11	4.16E-11	4.04E-11	1.95E-12	4.70E-11	1.04E-11	1.37E-11	2.17E-11	3.82E-12	2.12E-11	1.20E-10
1076	482029.67	3852291.07	1.65E-07	1.63E-07	1.59E-07	5.73E-11	1.73E-10	1.00E-10	9.88E-11	8.95E-11	4.09E-11	3.97E-11	1.91E-12	4.62E-11	1.02E-11	1.34E-11	2.13E-11	3.75E-12	2.08E-11	1.18E-10
1077	482079.67	3852291.07	1.67E-07	1.65E-07	1.60E-07	5.78E-11	1.75E-10	1.01E-10	9.98E-11	9.05E-11	4.13E-11	4.01E-11	1.93E-12	4.67E-11	1.03E-11	1.35E-11	2.15E-11	3.79E-12	2.10E-11	1.19E-10
1078	482129.67	3852291.07	1.69E-07	1.66E-07	1.62E-07	5.84E-11	1.76E-10	1.02E-10	1.01E-10	9.13E-11	4.17E-11	4.05E-11	1.95E-12	4.71E-11	1.04E-11	1.37E-11	2.17E-11	3.82E-12	2.12E-11	1.20E-10
1079	482179.67	3852291.07	1.70E-07	1.68E-07	1.63E-07	5.88E-11	1.78E-10	1.03E-10	1.01E-10	9.20E-11	4.20E-11	4.08E-11	1.96E-12	4.75E-11	1.05E-11	1.38E-11	2.19E-11	3.85E-12	2.14E-11	1.21E-10
1080	482229.67	3852291.07	1.71E-07	1.69E-07	1.64E-07	5.91E-11	1.79E-10	1.03E-10	1.02E-10	9.25E-11	4.22E-11	4.10E-11	1.98E-12	4.77E-11	1.05E-11	1.39E-11	2.20E-11	3.87E-12	2.15E-11	1.21E-10
1081	482029.67	3852341.07	1.66E-07	1.64E-07	1.59E-07	5.74E-11	1.73E-10	1.00E-10	9.91E-11	8.98E-11	4.10E-11	3.98E-11	1.92E-12	4.63E-11	1.02E-11	1.35E-11	2.13E-11	3.76E-12	2.09E-11	1.18E-10
1082	482079.67	3852341.07	1.67E-07	1.65E-07	1.61E-07	5.80E-11	1.75E-10	1.01E-10	1.00E-10	9.07E-11	4.14E-11	4.02E-11	1.94E-12	4.68E-11	1.03E-11	1.36E-11	2.15E-11	3.80E-12	2.11E-11	1.19E-10
1083	482129.67	3852341.07	1.69E-07	1.67E-07	1.62E-07	5.86E-11	1.77E-10	1.02E-10	1.01E-10	9.16E-11	4.18E-11	4.06E-11	1.96E-12	4.72E-11	1.04E-11	1.37E-11	2.18E-11	3.83E-12	2.13E-11	1.20E-10
1084	482179.67	3852341.07	1.71E-07	1.68E-07	1.64E-07	5.91E-11	1.78E-10	1.03E-10	1.02E-10	9.24E-11	4.21E-11	4.09E-11	1.97E-12	4.76E-11	1.05E-11	1.38E-11	2.19E-11	3.87E-12	2.15E-11	1.21E-10
1085	482259.06	3852400.14	1.75E-07	1.73E-07	1.68E-07	6.06E-11	1.83E-10	1.06E-10	1.05E-10	9.48E-11	4.32E-11	4.20E-11	2.02E-12	4.89E-11	1.08E-11	1.42E-11	2.25E-11	3.97E-12	2.20E-11	1.24E-10
1086	482309.06	3852400.14	1.75E-07	1.73E-07	1.68E-07	6.07E-11	1.83E-10	1.06E-10	1.05E-10	9.50E-11	4.33E-11	4.21E-11	2.03E-12	4.90E-11	1.08E-11	1.42E-11	2.26E-11	3.98E-12	2.21E-11	1.25E-10
1087	482209.06	3852450.14	1.74E-07	1.71E-07	1.67E-07	6.01E-11	1.82E-10	1.05E-10	1.04E-10	9.40E-11	4.29E-11	4.17E-11	2.01E-12	4.85E-11	1.07E-11	1.41E-11	2.23E-11	3.94E-12	2.19E-11	1.23E-10
1088	482259.06	3852450.14	1.75E-07	1.73E-07	1.68E-07	6.06E-11	1.83E-10	1.06E-10	1.05E-10	9.48E-11	4.33E-11	4.20E-11	2.02E-12	4.89E-11	1.08E-11	1.42E-11	2.25E-11	3.97E-12	2.21E-11	1.24E-10
1089	482309.06	3852450.14	1.76E-07	1.74E-07	1.69E-07	6.09E-11	1.84E-10	1.07E-10	1.05E-10	9.53E-11	4.35E-11	4.22E-11	2.04E-12	4.92E-11	1.08E-11	1.43E-11	2.26E-11	3.99E-12	2.22E-11	1.25E-10
1090	482209.06	3852500.14	1.74E-07	1.72E-07	1.67E-07	6.02E-11	1.82E-10	1.05E-10	1.04E-10	9.41E-11	4.29E-11	4.17E-11	2.01E-12	4.85E-11	1.07E-11	1.41E-11	2.24E-11	3.94E-12	2.19E-11	1.24E-10
1091	482259.06	3852500.14	1.75E-07	1.73E-07	1.68E-07	6.07E-11	1.83E-10	1.06E-10	1.05E-10	9.50E-11	4.33E-11	4.21E-11	2.03E-12	4.90E-11	1.08E-11	1.42E-11	2.26E-11	3.98E-12	2.21E-11	1.25E-10
1092	482309.06	3852500.14	1.77E-07	1.74E-07	1.69E-07	6.12E-11	1.85E-10	1.07E-10	1.06E-10	9.57E-11	4.37E-11	4.24E-11	2.04E-12	4.93E-11	1.09E-11	1.43E-11	2.27E-11	4.01E-12	2.22E-11	1.26E-10
1093	482283.91	3852513.62	1.76E-07	1.74E-07	1.69E-07	6.10E-11	1.84E-10	1.07E-10	1.05E-10	9.54E-11	4.35E-11	4.23E-11	2.04E-12	4.92E-11	1.09E-11	1.43E-11	2.27E-11	3.99E-12	2.22E-11	1.25E-10
1094	482333.91	3852513.62	1.78E-07	1.75E-07	1.70E-07	6.15E-11	1.86E-10	1.07E-10	1.06E-10	9.62E-11	4.39E-11	4.26E-11	2.05E-12	4.96E-11	1.09E-11	1.44E-11	2.28E-11	4.03E-12	2.24E-11	1.26E-10
1095	482283.91	3852563.62	1.77E-07	1.75E-07	1.69E-07	6.12E-11	1.85E-10	1.07E-10	1.06E-10	9.57E-11	4.37E-11	4.24E-11	2.04E-12	4.94E-11	1.09E-11	1.43E-11	2.27E-11	4.01E-12	2.23E-11	1.26E-10
1096	482333.91	3852563.62	1.79E-07	1.76E-07	1.71E-07	6.19E-11	1.87E-10	1.08E-10	1.07E-10	9.67E-11	4.41E-11	4.29E-11	2.07E-12	4.99E-11	1.10E-11	1.45E-11	2.30E-11	4.05E-12	2.25E-11	1.27E-10
1097	482383.91	3852563.62	1.80E-07	1.78E-07	1.73E-07	6.24E-11	1.89E-10	1.09E-10	1.08E-10	9.76E-11	4.46E-11	4.33E-11	2.08E-12	5.04E-11	1.11E-11	1.46E-11	2.32E-11	4.09E-12	2.27E-11	1.28E-10
1098	482283.91	3852613.62	1.77E-07	1.75E-07	1.69E-07	6.12E-11	1.85E-10	1.07E-10	1.06E-10	9.57E-11	4.37E-11	4.24E-11	2.04E-12	4.94E-11	1.09E-11	1.43E-11	2.27E-11	4.01E-12	2.23E-11	1.26E-10
1099	482333.91	3852613.62	1.79E-07	1.77E-07	1.71E-07	6.19E-11	1.87E-10	1.08E-10	1.07E-10	9.69E-11	4.42E-11	4.29E-11	2.07E-12	5.00E-11	1.10E-11	1.45E-11	2.30E-11	4.06E-12	2.25E-11	1.27E-10
1100	482383.91	3852613.62	1.81E-07	1.79E-07	1.73E-07	6.27E-11	1.89E-10	1.10E-10	1.08E-10	9.80E-11	4.47E-11	4.34E-11	2.09E-12	5.05E-11	1.12E-11	1.47E-11	2.33E-11	4.10E-12	2.28E-11	1.29E-10
1101	482602.38	3852600.87	1.87E-07	1.84E-07	1.79E-07	6.47E-11	1.95E-10	1.13E-10	1.12E-10	1.01E-10	4.62E-11	4.48E-11	2.16E-12	5.22E-11	1.15E-11	1.52E-11	2.40E-11	4.24E-12	2.35E-11	1.33E-10
1102	482652.38	3852600.87	1.89E-07	1.86E-07	1.81E-07	6.53E-11	1.97E-10	1.14E-10	1.13E-10	1.02E-10	4.66E-11	4.52E-11	2.18E-12	5.27E-11	1.16E-11	1.53E-11	2.43E-11	4.27E-12	2.37E-11	1.34E-10
1103	482702.38	3852600.87	1.89E-07	1.86E-07	1.81E-07	6.53E-11	1.97E-10	1.14E-10	1.13E-10	1.02E-10	4.66E-11	4.52E-11	2.18E-12	5.27E-11	1.16E-11	1.53E-11	2.43E-11	4.27E-12	2.37E-11	1.34E-10
1104	482552.38	3852650.87	1.86E-07	1.84E-07	1.78E-07	6.45E-11	1.95E-10	1.13E-10	1.11E-10	1.01E-10	4.60E-11	4.47E-11	2.15E-12	5.20E-11	1.15E-11	1.51E-11	2.40E-11	4.22E-12	2.34E-11	1.32E-10
1105	482602.38	3852650.87	1.88E-07	1.85E-07	1.80E-07	6.50E-11	1.96E-10	1.14E-10	1.12E-10	1.02E-10	4.64E-11	4.50E-11	2.17E-12	5.24E-11	1.16E-11	1.52E-11	2.42E-11	4.26E-12	2.36E-11	1.33E-10
1106	482652.38	3852650.87	1.90E-07	1.87E-07	1.82E-07	6.57E-11	1.98E-10	1.15E-10	1.13E-10	1.03E-10	4.69E-11	4.55E-11	2.19E-12	5.30E-11	1.17E-11	1.54E-11	2.44E-11	4.30E-12	2.39E-11	1.35E-10

1107	482702.38	3852650.87	1.92E-07	1.89E-07	1.84E-07	6.63E-11	2.00E-10	1.16E-10	1.14E-10	1.04E-10	4.73E-11	4.59E-11	2.21E-12	5.35E-11	1.18E-11	1.55E-11	2.46E-11	4.34E-12	2.41E-11	1.36E-10
1108	482552.38	3852700.87	1.87E-07	1.84E-07	1.79E-07	6.46E-11	1.95E-10	1.13E-10	1.11E-10	1.01E-10	4.61E-11	4.48E-11	2.16E-12	5.21E-11	1.15E-11	1.51E-11	2.40E-11	4.23E-12	2.35E-11	1.33E-10
1109	482602.38	3852700.87	1.89E-07	1.86E-07	1.81E-07	6.54E-11	1.97E-10	1.14E-10	1.13E-10	1.02E-10	4.66E-11	4.53E-11	2.18E-12	5.27E-11	1.16E-11	1.53E-11	2.43E-11	4.28E-12	2.38E-11	1.34E-10
1110	482652.38	3852700.87	1.92E-07	1.89E-07	1.84E-07	6.63E-11	2.00E-10	1.16E-10	1.14E-10	1.04E-10	4.73E-11	4.59E-11	2.21E-12	5.35E-11	1.18E-11	1.55E-11	2.46E-11	4.34E-12	2.41E-11	1.36E-10
1111	482702.38	3852700.87	1.93E-07	1.91E-07	1.85E-07	6.69E-11	2.02E-10	1.17E-10	1.15E-10	1.05E-10	4.77E-11	4.64E-11	2.23E-12	5.40E-11	1.19E-11	1.57E-11	2.49E-11	4.38E-12	2.43E-11	1.37E-10
1112	482452.38	3852750.87	1.84E-07	1.81E-07	1.76E-07	6.36E-11	1.92E-10	1.11E-10	1.10E-10	9.95E-11	4.54E-11	4.41E-11	2.12E-12	5.13E-11	1.13E-11	1.49E-11	2.36E-11	4.17E-12	2.31E-11	1.31E-10
1113	482521.29	3852749.74	1.86E-07	1.84E-07	1.78E-07	6.45E-11	1.95E-10	1.13E-10	1.11E-10	1.01E-10	4.60E-11	4.47E-11	2.15E-12	5.20E-11	1.15E-11	1.51E-11	2.40E-11	4.22E-12	2.34E-11	1.32E-10
1114	482571.29	3852749.74	1.88E-07	1.86E-07	1.80E-07	6.51E-11	1.97E-10	1.14E-10	1.12E-10	1.02E-10	4.65E-11	4.51E-11	2.18E-12	5.25E-11	1.16E-11	1.53E-11	2.42E-11	4.27E-12	2.37E-11	1.34E-10
1115	482521.29	3852799.74	1.87E-07	1.84E-07	1.79E-07	6.47E-11	1.95E-10	1.13E-10	1.12E-10	1.01E-10	4.62E-11	4.48E-11	2.16E-12	5.22E-11	1.15E-11	1.52E-11	2.40E-11	4.24E-12	2.35E-11	1.33E-10
1116	482571.29	3852799.74	1.89E-07	1.86E-07	1.81E-07	6.54E-11	1.97E-10	1.14E-10	1.13E-10	1.02E-10	4.66E-11	4.53E-11	2.18E-12	5.27E-11	1.16E-11	1.53E-11	2.43E-11	4.28E-12	2.38E-11	1.34E-10
1117	482621.29	3852799.74	1.91E-07	1.88E-07	1.83E-07	6.60E-11	1.99E-10	1.15E-10	1.14E-10	1.03E-10	4.71E-11	4.58E-11	2.21E-12	5.33E-11	1.18E-11	1.55E-11	2.45E-11	4.32E-12	2.40E-11	1.36E-10
1118	482571.29	3852849.74	1.89E-07	1.87E-07	1.81E-07	6.55E-11	1.98E-10	1.14E-10	1.13E-10	1.02E-10	4.67E-11	4.54E-11	2.19E-12	5.28E-11	1.17E-11	1.53E-11	2.43E-11	4.29E-12	2.38E-11	1.34E-10
1119	482621.29	3852849.74	1.91E-07	1.88E-07	1.83E-07	6.60E-11	1.99E-10	1.15E-10	1.14E-10	1.03E-10	4.71E-11	4.58E-11	2.21E-12	5.33E-11	1.18E-11	1.55E-11	2.45E-11	4.32E-12	2.40E-11	1.36E-10
1120	482577.42	3852901.55	1.89E-07	1.87E-07	1.81E-07	6.55E-11	1.98E-10	1.14E-10	1.13E-10	1.02E-10	4.67E-11	4.54E-11	2.19E-12	5.28E-11	1.17E-11	1.53E-11	2.43E-11	4.29E-12	2.38E-11	1.34E-10
1121	482627.42	3852901.55	1.91E-07	1.88E-07	1.83E-07	6.61E-11	2.00E-10	1.16E-10	1.14E-10	1.03E-10	4.72E-11	4.58E-11	2.21E-12	5.33E-11	1.18E-11	1.55E-11	2.46E-11	4.33E-12	2.40E-11	1.36E-10
1122	482629.96	3852955.85	1.91E-07	1.89E-07	1.83E-07	6.62E-11	2.00E-10	1.16E-10	1.14E-10	1.04E-10	4.73E-11	4.59E-11	2.21E-12	5.34E-11	1.18E-11	1.55E-11	2.46E-11	4.34E-12	2.41E-11	1.36E-10
1123	482679.96	3852955.85	1.93E-07	1.91E-07	1.85E-07	6.69E-11	2.02E-10	1.17E-10	1.15E-10	1.05E-10	4.77E-11	4.63E-11	2.23E-12	5.39E-11	1.19E-11	1.57E-11	2.48E-11	4.38E-12	2.43E-11	1.37E-10
1124	482781.63	3853034.48	1.97E-07	1.94E-07	1.89E-07	6.82E-11	2.06E-10	1.19E-10	1.18E-10	1.07E-10	4.87E-11	4.73E-11	2.28E-12	5.50E-11	1.21E-11	1.60E-11	2.53E-11	4.47E-12	2.48E-11	1.40E-10
1125	482831.63	3853034.48	1.99E-07	1.96E-07	1.91E-07	6.88E-11	2.08E-10	1.20E-10	1.19E-10	1.08E-10	4.91E-11	4.77E-11	2.30E-12	5.55E-11	1.23E-11	1.61E-11	2.56E-11	4.51E-12	2.50E-11	1.41E-10
1126	482881.63	3853034.48	2.01E-07	1.98E-07	1.93E-07	6.96E-11	2.10E-10	1.22E-10	1.20E-10	1.09E-10	4.96E-11	4.82E-11	2.32E-12	5.61E-11	1.24E-11	1.63E-11	2.58E-11	4.55E-12	2.53E-11	1.43E-10
1127	482781.63	3853084.48	1.97E-07	1.95E-07	1.89E-07	6.83E-11	2.06E-10	1.19E-10	1.18E-10	1.07E-10	4.88E-11	4.74E-11	2.28E-12	5.51E-11	1.22E-11	1.60E-11	2.54E-11	4.48E-12	2.49E-11	1.40E-10
1128	482831.63	3853084.48	1.99E-07	1.97E-07	1.91E-07	6.89E-11	2.08E-10	1.20E-10	1.19E-10	1.08E-10	4.92E-11	4.78E-11	2.30E-12	5.56E-11	1.23E-11	1.61E-11	2.56E-11	4.51E-12	2.51E-11	1.41E-10
1129	482881.63	3853084.48	2.01E-07	1.99E-07	1.93E-07	6.96E-11	2.10E-10	1.22E-10	1.20E-10	1.09E-10	4.97E-11	4.83E-11	2.33E-12	5.62E-11	1.24E-11	1.63E-11	2.59E-11	4.56E-12	2.53E-11	1.43E-10
1130	482781.63	3853134.48	1.98E-07	1.95E-07	1.90E-07	6.86E-11	2.07E-10	1.20E-10	1.18E-10	1.07E-10	4.89E-11	4.75E-11	2.29E-12	5.53E-11	1.22E-11	1.61E-11	2.55E-11	4.49E-12	2.49E-11	1.41E-10
1131	482831.63	3853134.48	2.00E-07	1.97E-07	1.91E-07	6.91E-11	2.09E-10	1.21E-10	1.19E-10	1.08E-10	4.93E-11	4.79E-11	2.31E-12	5.58E-11	1.23E-11	1.62E-11	2.57E-11	4.53E-12	2.51E-11	1.42E-10
1132	482881.63	3853134.48	2.02E-07	1.99E-07	1.94E-07	6.99E-11	2.11E-10	1.22E-10	1.21E-10	1.09E-10	4.99E-11	4.84E-11	2.33E-12	5.64E-11	1.24E-11	1.64E-11	2.60E-11	4.58E-12	2.54E-11	1.44E-10
1133	482831.63	3853184.48	2.01E-07	1.98E-07	1.92E-07	6.94E-11	2.10E-10	1.21E-10	1.20E-10	1.09E-10	4.95E-11	4.81E-11	2.32E-12	5.60E-11	1.24E-11	1.63E-11	2.58E-11	4.55E-12	2.52E-11	1.43E-10
1134	482881.63	3853184.48	2.03E-07	2.00E-07	1.94E-07	7.01E-11	2.12E-10	1.23E-10	1.21E-10	1.10E-10	5.00E-11	4.86E-11	2.34E-12	5.66E-11	1.25E-11	1.64E-11	2.61E-11	4.59E-12	2.55E-11	1.44E-10
1135	484154.84	3854250.98	2.38E-07	2.35E-07	2.28E-07	8.24E-11	2.49E-10	1.44E-10	1.42E-10	1.29E-10	5.88E-11	5.71E-11	2.75E-12	6.65E-11	1.47E-11	1.93E-11	3.06E-11	5.40E-12	3.00E-11	1.69E-10
1136	484204.84	3854250.98	2.40E-07	2.37E-07	2.30E-07	8.31E-11	2.51E-10	1.45E-10	1.43E-10	1.30E-10	5.93E-11	5.76E-11	2.77E-12	6.70E-11	1.48E-11	1.95E-11	3.09E-11	5.44E-12	3.02E-11	1.71E-10
1137	484154.84	3854300.98	2.33E-07	2.30E-07	2.24E-07	8.07E-11	2.44E-10	1.41E-10	1.39E-10	1.26E-10	5.76E-11	5.59E-11	2.70E-12	6.51E-11	1.44E-11	1.89E-11	3.00E-11	5.29E-12	2.94E-11	1.66E-10
1138	484204.84	3854300.98	2.36E-07	2.33E-07	2.26E-07	8.17E-11	2.47E-10	1.43E-10	1.41E-10	1.28E-10	5.83E-11	5.66E-11	2.73E-12	6.59E-11	1.45E-11	1.91E-11	3.04E-11	5.35E-12	2.97E-11	1.68E-10
1139	484074.19	3854519.8	2.30E-07	2.27E-07	2.21E-07	7.98E-11	2.41E-10	1.39E-10	1.38E-10	1.25E-10	5.69E-11	5.53E-11	2.66E-12	6.44E-11	1.42E-11	1.87E-11	2.96E-11	5.22E-12	2.90E-11	1.64E-10
1140	484124.19	3854519.8	2.29E-07	2.26E-07	2.19E-07	7.91E-11	2.39E-10	1.38E-10	1.36E-10	1.24E-10	5.64E-11	5.48E-11	2.64E-12	6.38E-11	1.41E-11	1.85E-11	2.94E-11	5.18E-12	2.88E-11	1.62E-10
1141	484074.19	3854569.8	2.32E-07	2.29E-07	2.23E-07	8.04E-11	2.43E-10	1.41E-10	1.39E-10	1.26E-10	5.74E-11	5.57E-11	2.69E-12	6.49E-11	1.43E-11	1.88E-11	2.99E-11	5.27E-12	2.92E-11	1.65E-10
1142	484124.19	3854569.8	2.29E-07	2.26E-07	2.19E-07	7.91E-11	2.39E-10	1.38E-10	1.37E-10	1.24E-10	5.65E-11	5.48E-11	2.64E-12	6.38E-11	1.41E-11	1.85E-11	2.94E-11	5.18E-12	2.88E-11	1.62E-10
1143	485205.11	3855188.89	3.55E-07	3.51E-07	3.40E-07	1.23E-10	3.71E-10	2.15E-10	2.12E-10	1.92E-10	8.78E-11	8.52E-11	4.11E-12	9.92E-11	2.19E-11	2.88E-11	4.57E-11	8.05E-12	4.47E-11	2.52E-10
1144	485255.11	3855188.89	3.55E-07	3.51E-07	3.40E-07	1.23E-10	3.71E-10	2.15E-10	2.12E-10	1.92E-10	8.78E-11	8.52E-11	4.11E-12	9.92E-11	2.19E-11	2.88E-11	4.57E-11	8.05E-12	4.47E-11	2.52E-10
1145	485205.11	3855238.89	3.54E-07	3.50E-07	3.40E-07	1.23E-10	3.71E-10	2.14E-10	2.12E-10	1.92E-10	8.76E-11	8.50E-11	4.10E-12	9.90E-11	2.18E-11	2.87E-11	4.56E-11	8.04E-12	4.46E-11	2.52E-10
1146	485255.11	3855238.89	3.59E-07	3.55E-07	3.44E-07	1.24E-10	3.76E-10	2.17E-10	2.15E-10	1.95E-10	8.88E-11	8.62E-11	4.15E-12	1.00E-10	2.21E-11	2.91E-11	4.62E-11	8.14E-12	4.52E-11	2.55E-10
1147	485205.11	3855288.89	3.68E-07	3.63E-07	3.52E-07	1.27E-10	3.84E-10	2.23E-10	2.20E-10	1.99E-10	9.08E-11	8.82E-11	4.25E-12	1.03E-10	2.27E-11	2.98E-11	4.73E-11	8.34E-12	4.63E-11	2.61E-10
1148	485255.11	3855288.89	3.70E-07	3.65E-07	3.55E-07	1.28E-10	3.87E-10	2.24E-10	2.21E-10	2.00E-10	9.15E-11	8.88E-11	4.28E-12	1.03E-10	2.28E-11	3.00E-11	4.76E-11	8.39E-12	4.66E-11	2.63E-10
1149	485255.11	3855338.89	3.81E-07	3.76E-07	3.65E-07	1.32E-10	3.98E-10	2.31E-10	2.28E-10	2.06E-10	9.41E-11	9.14E-11	4.40E-12	1.06E-10	2.35E-11	3.09E-11	4.90E-11	8.64E-12	4.80E-11	2.71E-10
1150	485305.11	3855338.89	3.83E-07	3.78E-07	3.67E-07	1.33E-10	4.00E-10	2.32E-10	2.29E-10	2.07E-10	9.46E-11	9.19E-11	4.43E-12	1.07E-10	2.36E-11	3.11E-11	4.93E-11	8.68E-12	4.82E-11	2.72E-10
1151	485852.5	3855635.28	4.86E-07	4.80E-07	4.66E-07	1.68E-10	5.08E-10	2.94E-10	2.90E-10	2.63E-10	1.20E-10	1.17E-10	5.62E-12	1.36E-10	3.00E-11	3.94E-11	6.25E-11	1.10E-11	6.12E-11	3.46E-10
1152	485902.5	3855635.28	4.84E-07	4.78E-07	4.64E-07	1.68E-10	5.06E-10	2.93E-10	2.89E-10	2.62E-10	1.20E-10	1.16E-10	5.60E-12	1.35E-10	2.98E-11	3.93E-11	6.23E-11	1.10E-11	6.10E-11	3.44E-10
1153	485852.5	3855685.28	4.94E-07	4.88E-07	4.73E-07	1.71E-10	5.16E-10	2.99E-10	2.95E-10	2.67E-10	1.22E-10	1.18E-10	5.71E-12	1.38E-10	3.04E-11	4.01E-11	6.35E-11	1.12E-11	6.22E-11	3.51E-10
1154	485902.5	3855685.28	4.94E-07	4.88E-07	4.74E-07	1.71E-10	5.17E-10	2.99E-10	2.95E-10	2.68E-10	1.22E-10	1.19E-10	5.71E-12	1.38E-10	3.05E-11	4.01E-11	6.36E-11	1.12E-11	6.22E-11	3.51E-10
1155	485852.5	3855735.28	5.00E-07	4.94E-07	4.79E-07	1.73E-10	5.23E-10	3.03E-10	2.99E-10	2.71E-10	1.24E-10	1.20E-10	5.78E-12	1.40E-10	3.08E-11	4.05E-11	6.43E-11	1.13E-11	6.30E-11	3.55E-10
1156	485902.5	3855735.28	5.05E-07	4.99E-07	4.84E-07	1.75E-10	5.28E-10	3.06E-10	3.02E-10	2.73E-10	1.25E-10	1.21E-10	5.84E-12	1.41E-10	3.11E-11	4.10E-11	6.50E-11	1.15E-11	6.36E-11	3.59E-10
1157	485852.5	3855785.28	5.08E-07	5.02E-07	4.87E-07	1.76E-10	5.31E-10	3.08E-10	3.04E-10	2.75E-10	1.26E-10	1.22E-10	5.88E-12	1.42E-10	3.13E-11	4.12E-11	6.54E-11	1.15E-11	6.40E-11	3.61E-10
1158	485902.5	3855785.28	5.10E-07	5.03E-07	4.89E-07	1.77E-10	5.33E-10	3.09E-10	3.05E-10	2.76E-10	1.26E-10	1.22E-10	5.90E-12	1.42E-10	3.14E-11	4.14E-11	6.56E-11	1.16E-11	6.42E-11	3.63E-10
1159	486809.46	3856465.28	7.75E-07	7.65E-07	7.43E-07	2.68E-10	8.10E-10	4.69E-10	4.63E-10	4.20E-10	1.91E-10	1.86E-10	8.96E-12	2.16E-10	4.77E-11	6.28E-11	9.97E-11	1.76E-11	9.76E-11	5.51E-10

1160	486859.46	3856465.28	7.81E-07	7.71E-07	7.48E-07	2.70E-10	8.16E-10	4.72E-10	4.66E-10	4.23E-10	1.93E-10	1.87E-10	9.03E-12	2.18E-10	4.81E-11	6.33E-11	1.00E-10	1.77E-11	9.83E-11	5.55E-10
1161	486909.46	3856465.28	7.82E-07	7.72E-07	7.49E-07	2.71E-10	8.17E-10	4.73E-10	4.67E-10	4.23E-10	1.93E-10	1.88E-10	9.04E-12	2.18E-10	4.82E-11	6.34E-11	1.01E-10	1.77E-11	9.84E-11	5.56E-10
1162	486809.46	3856515.28	7.99E-07	7.89E-07	7.66E-07	2.77E-10	8.35E-10	4.84E-10	4.77E-10	4.33E-10	1.97E-10	1.92E-10	9.24E-12	2.23E-10	4.92E-11	6.48E-11	1.03E-10	1.81E-11	1.01E-10	5.68E-10
1163	486859.46	3856515.28	8.11E-07	8.00E-07	7.77E-07	2.81E-10	8.48E-10	4.91E-10	4.84E-10	4.39E-10	2.00E-10	1.94E-10	9.37E-12	2.26E-10	5.00E-11	6.57E-11	1.04E-10	1.84E-11	1.02E-10	5.76E-10
1164	486909.46	3856515.28	8.16E-07	8.06E-07	7.82E-07	2.83E-10	8.53E-10	4.94E-10	4.87E-10	4.42E-10	2.02E-10	1.96E-10	9.44E-12	2.28E-10	5.03E-11	6.62E-11	1.05E-10	1.85E-11	1.03E-10	5.80E-10
1165	486980.94	3856357.95	7.15E-07	7.06E-07	6.85E-07	2.47E-10	7.47E-10	4.33E-10	4.27E-10	3.87E-10	1.77E-10	1.71E-10	8.26E-12	2.00E-10	4.41E-11	5.80E-11	9.20E-11	1.62E-11	9.00E-11	5.08E-10
1166	487030.94	3856357.95	7.16E-07	7.07E-07	6.86E-07	2.48E-10	7.49E-10	4.33E-10	4.28E-10	3.88E-10	1.77E-10	1.72E-10	8.28E-12	2.00E-10	4.41E-11	5.81E-11	9.21E-11	1.62E-11	9.01E-11	5.09E-10
1167	486980.94	3856407.95	7.47E-07	7.37E-07	7.16E-07	2.58E-10	7.80E-10	4.52E-10	4.46E-10	4.04E-10	1.84E-10	1.79E-10	8.63E-12	2.08E-10	4.60E-11	6.05E-11	9.60E-11	1.69E-11	9.40E-11	5.31E-10
1168	487030.94	3856407.95	7.46E-07	7.36E-07	7.15E-07	2.58E-10	7.80E-10	4.51E-10	4.45E-10	4.04E-10	1.84E-10	1.79E-10	8.62E-12	2.08E-10	4.60E-11	6.05E-11	9.59E-11	1.69E-11	9.39E-11	5.30E-10
1169	487447.18	3856437.45	8.10E-07	7.99E-07	7.76E-07	2.80E-10	8.47E-10	4.90E-10	4.84E-10	4.38E-10	2.00E-10	1.94E-10	9.36E-12	2.26E-10	4.99E-11	6.57E-11	1.04E-10	1.84E-11	1.02E-10	5.76E-10
1170	487497.18	3856437.45	8.18E-07	8.08E-07	7.84E-07	2.83E-10	8.55E-10	4.95E-10	4.89E-10	4.43E-10	2.02E-10	1.96E-10	9.46E-12	2.28E-10	5.04E-11	6.63E-11	1.05E-10	1.85E-11	1.03E-10	5.82E-10
1171	487547.18	3856437.45	8.28E-07	8.17E-07	7.93E-07	2.87E-10	8.65E-10	5.01E-10	4.94E-10	4.48E-10	2.04E-10	1.99E-10	9.57E-12	2.31E-10	5.10E-11	6.71E-11	1.06E-10	1.88E-11	1.04E-10	5.88E-10
1172	487447.18	3856487.45	8.39E-07	8.29E-07	8.05E-07	2.91E-10	8.77E-10	5.08E-10	5.01E-10	4.54E-10	2.07E-10	2.01E-10	9.70E-12	2.34E-10	5.17E-11	6.81E-11	1.08E-10	1.90E-11	1.06E-10	5.97E-10
1173	487497.18	3856487.45	8.48E-07	8.37E-07	8.13E-07	2.93E-10	8.86E-10	5.13E-10	5.06E-10	4.59E-10	2.09E-10	2.03E-10	9.80E-12	2.37E-10	5.22E-11	6.87E-11	1.09E-10	1.92E-11	1.07E-10	6.03E-10
1174	487547.18	3856487.45	8.58E-07	8.46E-07	8.22E-07	2.97E-10	8.96E-10	5.19E-10	5.12E-10	4.64E-10	2.12E-10	2.06E-10	9.91E-12	2.39E-10	5.28E-11	6.95E-11	1.10E-10	1.94E-11	1.08E-10	6.09E-10
1175	487447.18	3856537.45	8.70E-07	8.59E-07	8.34E-07	3.01E-10	9.10E-10	5.27E-10	5.20E-10	4.71E-10	2.15E-10	2.09E-10	1.01E-11	2.43E-10	5.36E-11	7.06E-11	1.12E-10	1.97E-11	1.10E-10	6.19E-10
1176	487497.18	3856537.45	8.79E-07	8.67E-07	8.42E-07	3.04E-10	9.18E-10	5.32E-10	5.25E-10	4.76E-10	2.17E-10	2.11E-10	1.02E-11	2.45E-10	5.41E-11	7.12E-11	1.13E-10	1.99E-11	1.11E-10	6.24E-10
1177	487547.18	3856537.45	8.90E-07	8.78E-07	8.53E-07	3.08E-10	9.30E-10	5.38E-10	5.31E-10	4.82E-10	2.20E-10	2.13E-10	1.03E-11	2.48E-10	5.48E-11	7.21E-11	1.14E-10	2.02E-11	1.12E-10	6.32E-10
1178	489285.89	3858826.54	1.12E-04	1.10E-04	1.07E-04	3.87E-08	1.17E-07	6.76E-08	6.67E-08	6.05E-08	2.76E-08	2.68E-08	1.29E-09	3.12E-08	6.88E-09	9.06E-09	1.44E-08	2.53E-09	1.41E-08	7.94E-08
1179	489335.89	3858826.54	8.42E-05	8.31E-05	8.07E-05	2.91E-08	8.80E-08	5.09E-08	5.03E-08	4.56E-08	2.08E-08	2.02E-08	9.73E-10	2.35E-08	5.19E-09	6.82E-09	1.08E-08	1.91E-09	1.06E-08	5.98E-08
1180	489385.89	3858826.54	6.79E-05	6.71E-05	6.51E-05	2.35E-08	7.10E-08	4.11E-08	4.06E-08	3.68E-08	1.68E-08	1.63E-08	7.85E-10	1.90E-08	4.19E-09	5.51E-09	8.74E-09	1.54E-09	8.55E-09	4.83E-08
1181	489435.89	3858826.54	5.72E-05	5.64E-05	5.48E-05	1.98E-08	5.98E-08	3.46E-08	3.41E-08	3.10E-08	1.41E-08	1.37E-08	6.61E-10	1.60E-08	3.52E-09	4.64E-09	7.35E-09	1.30E-09	7.20E-09	4.06E-08
1182	489485.89	3858826.54	4.95E-05	4.89E-05	4.75E-05	1.71E-08	5.18E-08	3.00E-08	2.96E-08	2.68E-08	1.22E-08	1.19E-08	5.72E-10	1.38E-08	3.05E-09	4.01E-09	6.37E-09	1.12E-09	6.23E-09	3.52E-08
1183	489535.89	3858826.54	4.38E-05	4.32E-05	4.20E-05	1.52E-08	4.58E-08	2.65E-08	2.62E-08	2.37E-08	1.08E-08	1.05E-08	5.06E-10	1.22E-08	2.70E-09	3.55E-09	5.63E-09	9.93E-10	5.51E-09	3.11E-08
1184	489585.89	3858826.54	3.94E-05	3.89E-05	3.77E-05	1.36E-08	4.12E-08	2.38E-08	2.35E-08	2.13E-08	9.73E-09	9.44E-09	4.55E-10	1.10E-08	2.43E-09	3.19E-09	5.06E-09	8.93E-10	4.96E-09	2.80E-08
1185	489635.89	3858826.54	3.59E-05	3.54E-05	3.44E-05	1.24E-08	3.75E-08	2.17E-08	2.14E-08	1.94E-08	8.86E-09	8.60E-09	4.15E-10	1.00E-08	2.21E-09	2.91E-09	4.61E-09	8.13E-10	4.51E-09	2.55E-08
1186	489685.89	3858826.54	3.30E-05	3.26E-05	3.16E-05	1.14E-08	3.45E-08	2.00E-08	1.97E-08	1.79E-08	8.15E-09	7.92E-09	3.82E-10	9.22E-09	2.03E-09	2.68E-09	4.25E-09	7.48E-10	4.15E-09	2.35E-08
1187	489735.89	3858826.54	3.06E-05	3.02E-05	2.94E-05	1.06E-08	3.20E-08	1.85E-08	1.83E-08	1.66E-08	7.57E-09	7.35E-09	3.54E-10	8.56E-09	1.89E-09	2.48E-09	3.94E-09	6.95E-10	3.86E-09	2.18E-08
1188	489785.89	3858826.54	2.87E-05	2.83E-05	2.75E-05	9.92E-09	3.00E-08	1.73E-08	1.71E-08	1.55E-08	7.08E-09	6.88E-09	3.31E-10	8.00E-09	1.77E-09	2.32E-09	3.69E-09	6.50E-10	3.61E-09	2.04E-08
1189	489835.89	3858826.54	2.70E-05	2.66E-05	2.58E-05	9.33E-09	2.82E-08	1.63E-08	1.61E-08	1.46E-08	6.66E-09	6.47E-09	3.12E-10	7.53E-09	1.66E-09	2.19E-09	3.47E-09	6.11E-10	3.39E-09	1.92E-08
1190	489885.89	3858826.54	2.55E-05	2.52E-05	2.45E-05	8.83E-09	2.67E-08	1.54E-08	1.52E-08	1.38E-08	6.30E-09	6.12E-09	2.95E-10	7.12E-09	1.57E-09	2.07E-09	3.28E-09	5.78E-10	3.21E-09	1.81E-08
1191	489935.89	3858826.54	2.43E-05	2.39E-05	2.33E-05	8.40E-09	2.54E-08	1.47E-08	1.45E-08	1.31E-08	5.99E-09	5.82E-09	2.80E-10	6.77E-09	1.49E-09	1.97E-09	3.12E-09	5.50E-10	3.05E-09	1.72E-08
1192	489985.89	3858826.54	2.32E-05	2.29E-05	2.22E-05	8.02E-09	2.42E-08	1.40E-08	1.38E-08	1.25E-08	5.72E-09	5.56E-09	2.68E-10	6.47E-09	1.43E-09	1.88E-09	2.98E-09	5.25E-10	2.92E-09	1.65E-08
1193	490035.89	3858826.54	2.22E-05	2.19E-05	2.13E-05	7.69E-09	2.32E-08	1.34E-08	1.33E-08	1.20E-08	5.49E-09	5.33E-09	2.57E-10	6.21E-09	1.37E-09	1.80E-09	2.86E-09	5.04E-10	2.80E-09	1.58E-08
1194	489285.89	3858876.54	1.21E-04	1.20E-04	1.16E-04	4.20E-08	1.27E-07	7.33E-08	7.24E-08	6.56E-08	2.99E-08	2.91E-08	1.40E-09	3.38E-08	7.47E-09	9.83E-09	1.56E-08	2.75E-09	1.53E-08	8.61E-08
1195	489335.89	3858876.54	8.72E-05	8.60E-05	8.35E-05	3.02E-08	9.11E-08	5.27E-08	5.20E-08	4.72E-08	2.15E-08	2.09E-08	1.01E-09	2.43E-08	5.37E-09	7.07E-09	1.12E-08	1.98E-09	1.10E-08	6.19E-08
1196	489385.89	3858876.54	6.81E-05	6.72E-05	6.53E-05	2.36E-08	7.12E-08	4.12E-08	4.07E-08	3.69E-08	1.68E-08	1.63E-08	7.87E-10	1.90E-08	4.19E-09	5.52E-09	8.76E-09	1.54E-09	8.57E-09	4.84E-08
1197	489435.89	3858876.54	5.62E-05	5.54E-05	5.38E-05	1.94E-08	5.87E-08	3.40E-08	3.35E-08	3.04E-08	1.39E-08	1.35E-08	6.49E-10	1.57E-08	3.46E-09	4.55E-09	7.22E-09	1.27E-09	7.07E-09	3.99E-08
1198	489485.89	3858876.54	4.81E-05	4.75E-05	4.61E-05	1.66E-08	5.03E-08	2.91E-08	2.87E-08	2.60E-08	1.19E-08	1.15E-08	5.56E-10	1.34E-08	2.96E-09	3.90E-09	6.18E-09	1.09E-09	6.05E-09	3.42E-08
1199	489535.89	3858876.54	4.22E-05	4.17E-05	4.05E-05	1.46E-08	4.42E-08	2.56E-08	2.52E-08	2.29E-08	1.04E-08	1.01E-08	4.88E-10	1.18E-08	2.60E-09	3.43E-09	5.43E-09	9.58E-10	5.32E-09	3.00E-08
1200	489585.89	3858876.54	3.78E-05	3.73E-05	3.62E-05	1.31E-08	3.95E-08	2.29E-08	2.26E-08	2.05E-08	9.34E-09	9.07E-09	4.37E-10	1.06E-08	2.33E-09	3.07E-09	4.86E-09	8.57E-10	4.76E-09	2.69E-08
1201	489635.89	3858876.54	3.44E-05	3.39E-05	3.29E-05	1.19E-08	3.59E-08	2.08E-08	2.05E-08	1.86E-08	8.49E-09	8.25E-09	3.97E-10	9.60E-09	2.12E-09	2.79E-09	4.42E-09	7.79E-10	4.33E-09	2.44E-08
1202	489685.89	3858876.54	3.16E-05	3.12E-05	3.03E-05	1.09E-08	3.30E-08	1.91E-08	1.89E-08	1.71E-08	7.80E-09	7.58E-09	3.65E-10	8.82E-09	1.95E-09	2.56E-09	4.06E-09	7.16E-10	3.98E-09	2.25E-08
1203	489735.89	3858876.54	2.93E-05	2.89E-05	2.81E-05	1.01E-08	3.06E-08	1.77E-08	1.75E-08	1.59E-08	7.24E-09	7.03E-09	3.39E-10	8.18E-09	1.80E-09	2.37E-09	3.77E-09	6.64E-10	3.69E-09	2.08E-08
1204	489785.89	3858876.54	2.74E-05	2.70E-05	2.62E-05	9.48E-09	2.86E-08	1.66E-08	1.63E-08	1.48E-08	6.76E-09	6.57E-09	3.16E-10	7.64E-09	1.69E-09	2.22E-09	3.52E-09	6.21E-10	3.45E-09	1.95E-08
1205	489835.89	3858876.54	2.57E-05	2.54E-05	2.47E-05	8.91E-09	2.69E-08	1.56E-08	1.54E-08	1.39E-08	6.36E-09	6.17E-09	2.97E-10	7.19E-09	1.59E-09	2.09E-09	3.31E-09	5.83E-10	3.24E-09	1.83E-08
1206	489885.89	3858876.54	2.43E-05	2.40E-05	2.33E-05	8.43E-09	2.54E-08	1.47E-08	1.45E-08	1.32E-08	6.01E-09	5.84E-09	2.81E-10	6.80E-09	1.50E-09	1.97E-09	3.13E-09	5.52E-10	3.06E-09	1.73E-08
1207	489935.89	3858876.54	2.31E-05	2.28E-05	2.22E-05	8.00E-09	2.42E-08	1.40E-08	1.38E-08	1.25E-08	5.71E-09	5.55E-09	2.67E-10	6.46E-09	1.42E-09	1.87E-09	2.97E-09	5.24E-10	2.91E-09	1.64E-08
1208	489985.89	3858876.54	2.21E-05	2.18E-05	2.12E-05	7.64E-09	2.31E-08	1.34E-08	1.32E-08	1.19E-08	5.45E-09	5.29E-09	2.55E-10	6.16E-09	1.36E-09	1.79E-09	2.84E-09	5.00E-10	2.78E-09	1.57E-08
1209	490035.89	3858876.54	2.12E-05	2.09E-05	2.03E-05	7.33E-09	2.21E-08	1.28E-08	1.26E-08	1.15E-08	5.23E-09	5.08E-09	2.45E-10	5.91E-09	1.30E-09	1.72E-09	2.72E-09	4.80E-10	2.66E-09	1.50E-08
1210	489285.89	3858926.54	1.10E-04	1.09E-04	1.06E-04	3.82E-08	1.15E-07	6.67E-08	6.59E-08	5.97E-08	2.72E-08	2.65E-08	1.28E-09	3.08E-08	6.80E-09	8.94E-09	1.42E-08	2.50E-09	1.39E-08	7.84E-08
1211	489335.89	3858926.54	7.89E-05	7.78E-05	7.56E-05	2.73E-08	8.24E-08	4.77E-08	4.71E-08	4.27E-08	1.95E-08	1.89E-08	9.12E-10	2.20E-08	4.86E-09	6.39E-09	1.01E-08	1.79E-09	9.93E-09	5.60E-08
1212	489385.89	3858926.54	6.20E-05	6.12E-05	5.94E-05	2.15E-08	6.48E-08	3.75E-08	3.70E-08	3.36E-08	1.53E-08	1.49E-08	7.17E-10	1.73E-08	3.82E-09	5.03E-09	7.98E-09	1.41E-09	7.81E-09	4.41E-08

1213	489435.89	3858926.54	5.16E-05	5.10E-05	4.95E-05	1.79E-08	5.40E-08	3.12E-08	3.08E-08	2.80E-08	1.28E-08	1.24E-08	5.97E-10	1.44E-08	3.18E-09	4.19E-09	6.64E-09	1.17E-09	6.50E-09	3.67E-08
1214	489485.89	3858926.54	4.46E-05	4.40E-05	4.27E-05	1.54E-08	4.66E-08	2.70E-08	2.66E-08	2.41E-08	1.10E-08	1.07E-08	5.15E-10	1.24E-08	2.75E-09	3.61E-09	5.73E-09	1.01E-09	5.61E-09	3.17E-08
1215	489535.89	3858926.54	3.94E-05	3.89E-05	3.78E-05	1.36E-08	4.12E-08	2.38E-08	2.35E-08	2.13E-08	9.73E-09	9.45E-09	4.55E-10	1.10E-08	2.43E-09	3.19E-09	5.07E-09	8.93E-10	4.96E-09	2.80E-08
1216	489585.89	3858926.54	3.55E-05	3.50E-05	3.40E-05	1.23E-08	3.71E-08	2.15E-08	2.12E-08	1.92E-08	8.76E-09	8.51E-09	4.10E-10	9.90E-09	2.18E-09	2.87E-09	4.56E-09	8.04E-10	4.46E-09	2.52E-08
1217	489635.89	3858926.54	3.23E-05	3.19E-05	3.10E-05	1.12E-08	3.38E-08	1.96E-08	1.93E-08	1.75E-08	7.99E-09	7.76E-09	3.74E-10	9.03E-09	1.99E-09	2.62E-09	4.16E-09	7.33E-10	4.07E-09	2.30E-08
1218	489685.89	3858926.54	2.98E-05	2.94E-05	2.86E-05	1.03E-08	3.12E-08	1.80E-08	1.78E-08	1.61E-08	7.36E-09	7.15E-09	3.45E-10	8.32E-09	1.84E-09	2.42E-09	3.83E-09	6.76E-10	3.75E-09	2.12E-08
1219	489735.89	3858926.54	2.77E-05	2.74E-05	2.66E-05	9.59E-09	2.90E-08	1.68E-08	1.66E-08	1.50E-08	6.85E-09	6.65E-09	3.20E-10	7.74E-09	1.71E-09	2.25E-09	3.56E-09	6.28E-10	3.49E-09	1.97E-08
1220	489785.89	3858926.54	2.60E-05	2.56E-05	2.49E-05	8.98E-09	2.71E-08	1.57E-08	1.55E-08	1.41E-08	6.41E-09	6.23E-09	3.00E-10	7.25E-09	1.60E-09	2.10E-09	3.34E-09	5.88E-10	3.27E-09	1.84E-08
1221	489835.89	3858926.54	2.44E-05	2.41E-05	2.34E-05	8.46E-09	2.55E-08	1.48E-08	1.46E-08	1.32E-08	6.04E-09	5.86E-09	2.82E-10	6.82E-09	1.51E-09	1.98E-09	3.14E-09	5.54E-10	3.08E-09	1.74E-08
1222	489885.89	3858926.54	2.31E-05	2.28E-05	2.22E-05	8.01E-09	2.42E-08	1.40E-08	1.38E-08	1.25E-08	5.72E-09	5.55E-09	2.67E-10	6.46E-09	1.43E-09	1.88E-09	2.98E-09	5.25E-10	2.91E-09	1.64E-08
1223	489935.89	3858926.54	2.20E-05	2.17E-05	2.11E-05	7.62E-09	2.30E-08	1.33E-08	1.31E-08	1.19E-08	5.44E-09	5.28E-09	2.54E-10	6.14E-09	1.36E-09	1.78E-09	2.83E-09	4.99E-10	2.77E-09	1.56E-08
1224	489985.89	3858926.54	2.10E-05	2.07E-05	2.01E-05	7.27E-09	2.20E-08	1.27E-08	1.25E-08	1.14E-08	5.19E-09	5.04E-09	2.43E-10	5.87E-09	1.29E-09	1.70E-09	2.70E-09	4.76E-10	2.64E-09	1.49E-08
1225	490035.89	3858926.54	2.02E-05	1.99E-05	1.93E-05	6.98E-09	2.11E-08	1.22E-08	1.20E-08	1.09E-08	4.98E-09	4.83E-09	2.33E-10	5.63E-09	1.24E-09	1.63E-09	2.59E-09	4.57E-10	2.54E-09	1.43E-08
1226	489335.89	3858976.54	6.54E-05	6.45E-05	6.27E-05	2.26E-08	6.83E-08	3.96E-08	3.90E-08	3.54E-08	1.61E-08	1.57E-08	7.56E-10	1.83E-08	4.03E-09	5.30E-09	8.41E-09	1.48E-09	8.23E-09	4.65E-08
1227	489385.89	3858976.54	5.36E-05	5.29E-05	5.14E-05	1.86E-08	5.60E-08	3.24E-08	3.20E-08	2.90E-08	1.32E-08	1.29E-08	6.20E-10	1.50E-08	3.30E-09	4.35E-09	6.89E-09	1.22E-09	6.75E-09	3.81E-08
1228	489435.89	3858976.54	4.59E-05	4.53E-05	4.40E-05	1.59E-08	4.79E-08	2.77E-08	2.74E-08	2.48E-08	1.13E-08	1.10E-08	5.30E-10	1.28E-08	2.83E-09	3.72E-09	5.90E-09	1.04E-09	5.77E-09	3.26E-08
1229	489485.89	3858976.54	4.03E-05	3.98E-05	3.86E-05	1.39E-08	4.21E-08	2.44E-08	2.41E-08	2.18E-08	9.95E-09	9.67E-09	4.66E-10	1.13E-08	2.48E-09	3.27E-09	5.18E-09	9.13E-10	5.07E-09	2.86E-08
1230	489535.89	3858976.54	3.61E-05	3.56E-05	3.46E-05	1.25E-08	3.77E-08	2.18E-08	2.15E-08	1.95E-08	8.91E-09	8.65E-09	4.17E-10	1.01E-08	2.22E-09	2.93E-09	4.64E-09	8.18E-10	4.54E-09	2.56E-08
1231	489585.89	3858976.54	3.28E-05	3.24E-05	3.14E-05	1.14E-08	3.43E-08	1.98E-08	1.96E-08	1.78E-08	8.10E-09	7.87E-09	3.79E-10	9.16E-09	2.02E-09	2.66E-09	4.22E-09	7.43E-10	4.13E-09	2.33E-08
1232	489635.89	3858976.54	3.01E-05	2.97E-05	2.89E-05	1.04E-08	3.15E-08	1.82E-08	1.80E-08	1.63E-08	7.44E-09	7.23E-09	3.48E-10	8.41E-09	1.86E-09	2.44E-09	3.87E-09	6.83E-10	3.79E-09	2.14E-08
1233	489685.89	3858976.54	2.79E-05	2.76E-05	2.68E-05	9.66E-09	2.92E-08	1.69E-08	1.67E-08	1.51E-08	6.90E-09	6.70E-09	3.23E-10	7.79E-09	1.72E-09	2.26E-09	3.59E-09	6.33E-10	3.51E-09	1.98E-08
1234	489735.89	3858976.54	2.61E-05	2.57E-05	2.50E-05	9.02E-09	2.72E-08	1.58E-08	1.56E-08	1.41E-08	6.44E-09	6.25E-09	3.01E-10	7.28E-09	1.61E-09	2.11E-09	3.35E-09	5.91E-10	3.28E-09	1.85E-08
1235	489785.89	3858976.54	2.45E-05	2.42E-05	2.35E-05	8.48E-09	2.56E-08	1.48E-08	1.46E-08	1.33E-08	6.05E-09	5.88E-09	2.83E-10	6.84E-09	1.51E-09	1.99E-09	3.15E-09	5.55E-10	3.08E-09	1.74E-08
1236	489835.89	3858976.54	2.31E-05	2.28E-05	2.22E-05	8.01E-09	2.42E-08	1.40E-08	1.38E-08	1.25E-08	5.72E-09	5.55E-09	2.68E-10	6.46E-09	1.43E-09	1.88E-09	2.98E-09	5.25E-10	2.91E-09	1.64E-08
1237	489885.89	3858976.54	2.19E-05	2.17E-05	2.10E-05	7.60E-09	2.29E-08	1.33E-08	1.31E-08	1.19E-08	5.42E-09	5.26E-09	2.54E-10	6.13E-09	1.35E-09	1.78E-09	2.82E-09	4.98E-10	2.76E-09	1.56E-08
1238	489935.89	3858976.54	2.09E-05	2.06E-05	2.00E-05	7.24E-09	2.19E-08	1.27E-08	1.25E-08	1.13E-08	5.16E-09	5.01E-09	2.42E-10	5.84E-09	1.29E-09	1.70E-09	2.69E-09	4.74E-10	2.63E-09	1.49E-08
1239	489985.89	3858976.54	2.00E-05	1.97E-05	1.92E-05	6.92E-09	2.09E-08	1.21E-08	1.19E-08	1.08E-08	4.94E-09	4.79E-09	2.31E-10	5.58E-09	1.23E-09	1.62E-09	2.57E-09	4.53E-10	2.52E-09	1.42E-08
1240	490035.89	3858976.54	1.91E-05	1.89E-05	1.84E-05	6.63E-09	2.00E-08	1.16E-08	1.14E-08	1.04E-08	4.73E-09	4.59E-09	2.21E-10	5.35E-09	1.18E-09	1.55E-09	2.46E-09	4.34E-10	2.41E-09	1.36E-08
1241	489385.89	3859026.54	4.86E-05	4.80E-05	4.66E-05	1.68E-08	5.08E-08	2.94E-08	2.90E-08	2.63E-08	1.20E-08	1.17E-08	5.62E-10	1.36E-08	2.99E-09	3.94E-09	6.25E-09	1.10E-09	6.12E-09	3.45E-08
1242	489435.89	3859026.54	4.17E-05	4.12E-05	4.00E-05	1.44E-08	4.36E-08	2.52E-08	2.49E-08	2.26E-08	1.03E-08	1.00E-08	4.82E-10	1.16E-08	2.57E-09	3.38E-09	5.36E-09	9.45E-10	5.25E-09	2.96E-08
1243	489485.89	3859026.54	3.68E-05	3.63E-05	3.53E-05	1.27E-08	3.85E-08	2.23E-08	2.20E-08	1.99E-08	9.10E-09	8.83E-09	4.26E-10	1.03E-08	2.27E-09	2.99E-09	4.74E-09	8.35E-10	4.64E-09	2.62E-08
1244	489535.89	3859026.54	3.32E-05	3.28E-05	3.18E-05	1.15E-08	3.47E-08	2.01E-08	1.98E-08	1.80E-08	8.20E-09	7.96E-09	3.84E-10	9.27E-09	2.05E-09	2.69E-09	4.27E-09	7.53E-10	4.18E-09	2.36E-08
1245	489585.89	3859026.54	3.03E-05	2.99E-05	2.91E-05	1.05E-08	3.17E-08	1.84E-08	1.81E-08	1.64E-08	7.50E-09	7.28E-09	3.51E-10	8.47E-09	1.87E-09	2.46E-09	3.90E-09	6.88E-10	3.82E-09	2.16E-08
1246	489635.89	3859026.54	2.80E-05	2.77E-05	2.69E-05	9.71E-09	2.93E-08	1.70E-08	1.67E-08	1.52E-08	6.93E-09	6.72E-09	3.24E-10	7.83E-09	1.73E-09	2.27E-09	3.61E-09	6.36E-10	3.53E-09	1.99E-08
1247	489685.89	3859026.54	2.61E-05	2.58E-05	2.50E-05	9.04E-09	2.73E-08	1.58E-08	1.56E-08	1.41E-08	6.45E-09	6.26E-09	3.02E-10	7.29E-09	1.61E-09	2.12E-09	3.36E-09	5.92E-10	3.29E-09	1.86E-08
1248	489735.89	3859026.54	2.45E-05	2.42E-05	2.35E-05	8.48E-09	2.56E-08	1.48E-08	1.46E-08	1.33E-08	6.05E-09	5.87E-09	2.83E-10	6.84E-09	1.51E-09	1.99E-09	3.15E-09	5.55E-10	3.08E-09	1.74E-08
1249	489785.89	3859026.54	2.31E-05	2.28E-05	2.21E-05	8.00E-09	2.41E-08	1.40E-08	1.38E-08	1.25E-08	5.71E-09	5.54E-09	2.67E-10	6.45E-09	1.42E-09	1.87E-09	2.97E-09	5.24E-10	2.91E-09	1.64E-08
1250	489835.89	3859026.54	2.19E-05	2.16E-05	2.10E-05	7.57E-09	2.29E-08	1.32E-08	1.31E-08	1.18E-08	5.40E-09	5.25E-09	2.53E-10	6.11E-09	1.35E-09	1.77E-09	2.81E-09	4.96E-10	2.75E-09	1.55E-08
1251	489885.89	3859026.54	2.08E-05	2.05E-05	1.99E-05	7.20E-09	2.17E-08	1.26E-08	1.24E-08	1.13E-08	5.14E-09	4.99E-09	2.40E-10	5.81E-09	1.28E-09	1.69E-09	2.68E-09	4.72E-10	2.62E-09	1.48E-08
1252	489935.89	3859026.54	1.98E-05	1.96E-05	1.90E-05	6.87E-09	2.07E-08	1.20E-08	1.19E-08	1.07E-08	4.90E-09	4.76E-09	2.29E-10	5.54E-09	1.22E-09	1.61E-09	2.55E-09	4.50E-10	2.50E-09	1.41E-08
1253	489985.89	3859026.54	1.90E-05	1.87E-05	1.82E-05	6.57E-09	1.99E-08	1.15E-08	1.13E-08	1.03E-08	4.69E-09	4.56E-09	2.20E-10	5.30E-09	1.17E-09	1.54E-09	2.44E-09	4.31E-10	2.39E-09	1.35E-08
1254	490035.89	3859026.54	1.82E-05	1.79E-05	1.74E-05	6.29E-09	1.90E-08	1.10E-08	1.08E-08	9.83E-09	4.49E-09	4.36E-09	2.10E-10	5.07E-09	1.12E-09	1.47E-09	2.34E-09	4.12E-10	2.29E-09	1.29E-08
1255	489485.89	3859076.54	3.49E-05	3.44E-05	3.34E-05	1.21E-08	3.65E-08	2.11E-08	2.08E-08	1.89E-08	8.62E-09	8.37E-09	4.03E-10	9.74E-09	2.15E-09	2.83E-09	4.49E-09	7.91E-10	4.39E-09	2.48E-08
1256	489535.89	3859076.54	3.12E-05	3.08E-05	2.99E-05	1.08E-08	3.26E-08	1.89E-08	1.86E-08	1.69E-08	7.70E-09	7.48E-09	3.61E-10	8.71E-09	1.92E-09	2.53E-09	4.01E-09	7.07E-10	3.93E-09	2.22E-08
1257	489585.89	3859076.54	2.85E-05	2.81E-05	2.73E-05	9.86E-09	2.98E-08	1.72E-08	1.70E-08	1.54E-08	7.03E-09	6.83E-09	3.29E-10	7.95E-09	1.75E-09	2.31E-09	3.66E-09	6.45E-10	3.58E-09	2.02E-08
1258	489635.89	3859076.54	2.63E-05	2.60E-05	2.52E-05	9.12E-09	2.75E-08	1.59E-08	1.57E-08	1.43E-08	6.51E-09	6.32E-09	3.04E-10	7.35E-09	1.62E-09	2.14E-09	3.39E-09	5.97E-10	3.32E-09	1.87E-08
1259	489685.89	3859076.54	2.46E-05	2.43E-05	2.36E-05	8.51E-09	2.57E-08	1.49E-08	1.47E-08	1.33E-08	6.07E-09	5.90E-09	2.84E-10	6.86E-09	1.51E-09	1.99E-09	3.16E-09	5.57E-10	3.09E-09	1.75E-08
1260	489735.89	3859076.54	2.31E-05	2.28E-05	2.21E-05	8.00E-09	2.41E-08	1.40E-08	1.38E-08	1.25E-08	5.71E-09	5.54E-09	2.67E-10	6.45E-09	1.42E-09	1.87E-09	2.97E-09	5.24E-10	2.91E-09	1.64E-08
1261	489785.89	3859076.54	2.18E-05	2.15E-05	2.09E-05	7.56E-09	2.28E-08	1.32E-08	1.30E-08	1.18E-08	5.39E-09	5.24E-09	2.52E-10	6.09E-09	1.34E-09	1.77E-09	2.81E-09	4.95E-10	2.75E-09	1.55E-08
1262	489835.89	3859076.54	2.07E-05	2.04E-05	1.98E-05	7.17E-09	2.16E-08	1.25E-08	1.24E-08	1.12E-08	5.12E-09	4.97E-09	2.39E-10	5.78E-09	1.28E-09	1.68E-09	2.66E-09	4.69E-10	2.61E-09	1.47E-08
1263	489885.89	3859076.54	1.97E-05	1.95E-05	1.89E-05	6.83E-09	2.06E-08	1.19E-08	1.18E-08	1.07E-08	4.87E-09	4.73E-09	2.28E-10	5.51E-09	1.22E-09	1.60E-09	2.54E-09	4.47E-10	2.48E-09	1.40E-08
1264	489935.89	3859076.54	1.88E-05	1.86E-05	1.81E-05	6.52E-09	1.97E-08	1.14E-08	1.13E-08	1.02E-08	4.65E-09	4.52E-09	2.18E-10	5.26E-09	1.16E-09	1.53E-09	2.42E-09	4.27E-10	2.37E-09	1.34E-08
1265	489985.89	3859076.54	1.80E-05	1.78E-05	1.73E-05	6.25E-09	1.89E-08	1.09E-08	1.08E-08	9.77E-09	4.46E-09	4.33E-09	2.09E-10	5.04E-09	1.11E-09	1.46E-09	2.32E-09	4.09E-10	2.27E-09	1.28E-08

1266	490035.89	3859076.54	1.73E-05	1.71E-05	1.66E-05	5.99E-09	1.81E-08	1.05E-08	1.03E-08	9.36E-09	4.27E-09	4.15E-09	2.00E-10	4.83E-09	1.07E-09	1.40E-09	2.22E-09	3.92E-10	2.18E-09	1.23E-08
1267	489585.89	3859126.54	2.73E-05	2.70E-05	2.62E-05	9.47E-09	2.86E-08	1.65E-08	1.63E-08	1.48E-08	6.75E-09	6.56E-09	3.16E-10	7.64E-09	1.68E-09	2.22E-09	3.52E-09	6.20E-10	3.44E-09	1.94E-08
1268	489635.89	3859126.54	2.51E-05	2.48E-05	2.41E-05	8.69E-09	2.62E-08	1.52E-08	1.50E-08	1.36E-08	6.20E-09	6.02E-09	2.90E-10	7.01E-09	1.55E-09	2.04E-09	3.23E-09	5.69E-10	3.16E-09	1.78E-08
1269	489685.89	3859126.54	2.34E-05	2.31E-05	2.24E-05	8.09E-09	2.44E-08	1.41E-08	1.40E-08	1.27E-08	5.77E-09	5.61E-09	2.70E-10	6.53E-09	1.44E-09	1.90E-09	3.01E-09	5.30E-10	2.94E-09	1.66E-08
1270	489735.89	3859126.54	2.20E-05	2.17E-05	2.10E-05	7.60E-09	2.29E-08	1.33E-08	1.31E-08	1.19E-08	5.42E-09	5.27E-09	2.54E-10	6.13E-09	1.35E-09	1.78E-09	2.82E-09	4.98E-10	2.76E-09	1.56E-08
1271	489785.89	3859126.54	2.07E-05	2.05E-05	1.99E-05	7.18E-09	2.17E-08	1.25E-08	1.24E-08	1.12E-08	5.12E-09	4.97E-09	2.40E-10	5.79E-09	1.28E-09	1.68E-09	2.67E-09	4.70E-10	2.61E-09	1.47E-08
1272	489835.89	3859126.54	1.97E-05	1.94E-05	1.89E-05	6.81E-09	2.06E-08	1.19E-08	1.18E-08	1.07E-08	4.86E-09	4.72E-09	2.27E-10	5.49E-09	1.21E-09	1.60E-09	2.53E-09	4.46E-10	2.48E-09	1.40E-08
1273	489885.89	3859126.54	1.87E-05	1.85E-05	1.80E-05	6.49E-09	1.96E-08	1.13E-08	1.12E-08	1.01E-08	4.63E-09	4.49E-09	2.17E-10	5.23E-09	1.15E-09	1.52E-09	2.41E-09	4.25E-10	2.36E-09	1.33E-08
1274	489935.89	3859126.54	1.79E-05	1.77E-05	1.72E-05	6.20E-09	1.87E-08	1.08E-08	1.07E-08	9.69E-09	4.42E-09	4.29E-09	2.07E-10	5.00E-09	1.10E-09	1.45E-09	2.30E-09	4.06E-10	2.25E-09	1.27E-08
1275	489985.89	3859126.54	1.71E-05	1.69E-05	1.64E-05	5.93E-09	1.79E-08	1.04E-08	1.02E-08	9.28E-09	4.23E-09	4.11E-09	1.98E-10	4.79E-09	1.06E-09	1.39E-09	2.20E-09	3.89E-10	2.16E-09	1.22E-08
1276	490035.89	3859126.54	1.65E-05	1.62E-05	1.58E-05	5.70E-09	1.72E-08	9.96E-09	9.83E-09	8.91E-09	4.07E-09	3.95E-09	1.90E-10	4.60E-09	1.01E-09	1.33E-09	2.12E-09	3.73E-10	2.07E-09	1.17E-08
1277	489585.89	3859176.54	2.59E-05	2.56E-05	2.48E-05	8.97E-09	2.71E-08	1.57E-08	1.55E-08	1.40E-08	6.40E-09	6.22E-09	3.00E-10	7.24E-09	1.60E-09	2.10E-09	3.33E-09	5.87E-10	3.26E-09	1.84E-08
1278	489635.89	3859176.54	2.46E-05	2.43E-05	2.36E-05	8.52E-09	2.57E-08	1.49E-08	1.47E-08	1.33E-08	6.08E-09	5.90E-09	2.84E-10	6.87E-09	1.52E-09	2.00E-09	3.17E-09	5.58E-10	3.10E-09	1.75E-08
1279	489685.89	3859176.54	2.26E-05	2.23E-05	2.16E-05	7.81E-09	2.36E-08	1.37E-08	1.35E-08	1.22E-08	5.57E-09	5.41E-09	2.61E-10	6.30E-09	1.39E-09	1.83E-09	2.90E-09	5.12E-10	2.84E-09	1.60E-08
1280	489735.89	3859176.54	2.11E-05	2.08E-05	2.02E-05	7.29E-09	2.20E-08	1.27E-08	1.26E-08	1.14E-08	5.20E-09	5.05E-09	2.43E-10	5.88E-09	1.30E-09	1.71E-09	2.71E-09	4.77E-10	2.65E-09	1.50E-08
1281	489785.89	3859176.54	1.98E-05	1.96E-05	1.90E-05	6.86E-09	2.07E-08	1.20E-08	1.18E-08	1.07E-08	4.90E-09	4.75E-09	2.29E-10	5.53E-09	1.22E-09	1.61E-09	2.55E-09	4.49E-10	2.50E-09	1.41E-08
1282	489835.89	3859176.54	1.88E-05	1.85E-05	1.80E-05	6.50E-09	1.96E-08	1.14E-08	1.12E-08	1.02E-08	4.64E-09	4.50E-09	2.17E-10	5.24E-09	1.16E-09	1.52E-09	2.41E-09	4.26E-10	2.36E-09	1.33E-08
1283	489885.89	3859176.54	1.79E-05	1.76E-05	1.71E-05	6.18E-09	1.87E-08	1.08E-08	1.07E-08	9.67E-09	4.41E-09	4.28E-09	2.06E-10	4.99E-09	1.10E-09	1.45E-09	2.30E-09	4.05E-10	2.25E-09	1.27E-08
1284	489935.89	3859176.54	1.71E-05	1.68E-05	1.63E-05	5.90E-09	1.78E-08	1.03E-08	1.02E-08	9.23E-09	4.21E-09	4.09E-09	1.97E-10	4.76E-09	1.05E-09	1.38E-09	2.19E-09	3.87E-10	2.15E-09	1.21E-08
1285	489985.89	3859176.54	1.63E-05	1.61E-05	1.56E-05	5.65E-09	1.71E-08	9.88E-09	9.75E-09	8.84E-09	4.03E-09	3.91E-09	1.89E-10	4.56E-09	1.01E-09	1.32E-09	2.10E-09	3.70E-10	2.05E-09	1.16E-08
1286	490035.89	3859176.54	1.57E-05	1.55E-05	1.50E-05	5.43E-09	1.64E-08	9.49E-09	9.37E-09	8.49E-09	3.87E-09	3.76E-09	1.81E-10	4.38E-09	9.66E-10	1.27E-09	2.02E-09	3.56E-10	1.97E-09	1.11E-08
1287	489685.89	3859226.54	2.23E-05	2.20E-05	2.13E-05	7.71E-09	2.33E-08	1.35E-08	1.33E-08	1.20E-08	5.50E-09	5.34E-09	2.57E-10	6.21E-09	1.37E-09	1.80E-09	2.86E-09	5.05E-10	2.80E-09	1.58E-08
1288	489735.89	3859226.54	2.05E-05	2.03E-05	1.97E-05	7.11E-09	2.15E-08	1.24E-08	1.23E-08	1.11E-08	5.08E-09	4.93E-09	2.38E-10	5.74E-09	1.27E-09	1.67E-09	2.64E-09	4.66E-10	2.59E-09	1.46E-08
1289	489785.89	3859226.54	1.91E-05	1.89E-05	1.83E-05	6.62E-09	2.00E-08	1.16E-08	1.14E-08	1.03E-08	4.72E-09	4.59E-09	2.21E-10	5.34E-09	1.18E-09	1.55E-09	2.46E-09	4.33E-10	2.41E-09	1.36E-08
1290	489835.89	3859226.54	1.80E-05	1.78E-05	1.72E-05	6.23E-09	1.88E-08	1.09E-08	1.07E-08	9.74E-09	4.45E-09	4.32E-09	2.08E-10	5.03E-09	1.11E-09	1.46E-09	2.31E-09	4.08E-10	2.27E-09	1.28E-08
1291	489885.89	3859226.54	1.71E-05	1.68E-05	1.64E-05	5.91E-09	1.78E-08	1.03E-08	1.02E-08	9.24E-09	4.21E-09	4.09E-09	1.97E-10	4.76E-09	1.05E-09	1.38E-09	2.19E-09	3.87E-10	2.15E-09	1.21E-08
1292	489935.89	3859226.54	1.63E-05	1.60E-05	1.56E-05	5.63E-09	1.70E-08	9.84E-09	9.71E-09	8.80E-09	4.02E-09	3.90E-09	1.88E-10	4.54E-09	1.00E-09	1.32E-09	2.09E-09	3.69E-10	2.05E-09	1.16E-08
1293	489985.89	3859226.54	1.55E-05	1.53E-05	1.49E-05	5.38E-09	1.62E-08	9.40E-09	9.28E-09	8.41E-09	3.84E-09	3.73E-09	1.80E-10	4.34E-09	9.58E-10	1.26E-09	2.00E-09	3.52E-10	1.96E-09	1.10E-08
1294	490035.89	3859226.54	1.49E-05	1.47E-05	1.43E-05	5.17E-09	1.56E-08	9.03E-09	8.92E-09	8.08E-09	3.69E-09	3.58E-09	1.73E-10	4.17E-09	9.20E-10	1.21E-09	1.92E-09	3.38E-10	1.88E-09	1.06E-08
1295	489735.89	3859276.54	1.95E-05	1.92E-05	1.86E-05	6.74E-09	2.03E-08	1.18E-08	1.16E-08	1.05E-08	4.81E-09	4.67E-09	2.25E-10	5.43E-09	1.20E-09	1.58E-09	2.50E-09	4.41E-10	2.45E-09	1.38E-08
1296	489785.89	3859276.54	1.89E-05	1.87E-05	1.81E-05	6.54E-09	1.98E-08	1.14E-08	1.13E-08	1.02E-08	4.67E-09	4.53E-09	2.19E-10	5.28E-09	1.16E-09	1.53E-09	2.43E-09	4.29E-10	2.38E-09	1.34E-08
1297	489835.89	3859276.54	1.74E-05	1.72E-05	1.67E-05	6.03E-09	1.82E-08	1.05E-08	1.04E-08	9.44E-09	4.31E-09	4.18E-09	2.02E-10	4.87E-09	1.07E-09	1.41E-09	2.24E-09	3.95E-10	2.19E-09	1.24E-08
1298	489885.89	3859276.54	1.64E-05	1.62E-05	1.57E-05	5.67E-09	1.71E-08	9.91E-09	9.78E-09	8.87E-09	4.05E-09	3.93E-09	1.89E-10	4.57E-09	1.01E-09	1.33E-09	2.11E-09	3.71E-10	2.06E-09	1.16E-08
1299	489935.89	3859276.54	1.55E-05	1.53E-05	1.49E-05	5.38E-09	1.62E-08	9.40E-09	9.27E-09	8.41E-09	3.84E-09	3.72E-09	1.79E-10	4.34E-09	9.57E-10	1.26E-09	2.00E-09	3.52E-10	1.95E-09	1.10E-08
1300	489985.89	3859276.54	1.48E-05	1.46E-05	1.42E-05	5.12E-09	1.55E-08	8.95E-09	8.84E-09	8.01E-09	3.65E-09	3.55E-09	1.71E-10	4.13E-09	9.12E-10	1.20E-09	1.90E-09	3.35E-10	1.86E-09	1.05E-08
1301	490035.89	3859276.54	1.42E-05	1.40E-05	1.36E-05	4.92E-09	1.48E-08	8.59E-09	8.48E-09	7.69E-09	3.51E-09	3.41E-09	1.64E-10	3.97E-09	8.75E-10	1.15E-09	1.83E-09	3.22E-10	1.79E-09	1.01E-08
1302	490458.06	3859590.74	7.87E-06	7.76E-06	7.54E-06	2.72E-09	8.22E-09	4.76E-09	4.70E-09	4.26E-09	1.94E-09	1.89E-09	9.09E-11	2.20E-09	4.85E-10	6.38E-10	1.01E-09	1.78E-10	9.90E-10	5.59E-09
1303	490508.06	3859590.74	7.54E-06	7.44E-06	7.22E-06	2.61E-09	7.88E-09	4.56E-09	4.50E-09	4.08E-09	1.86E-09	1.81E-09	8.71E-11	2.10E-09	4.64E-10	6.11E-10	9.69E-10	1.71E-10	9.49E-10	5.36E-09
1304	490558.06	3859590.74	7.30E-06	7.20E-06	6.99E-06	2.53E-09	7.63E-09	4.41E-09	4.36E-09	3.95E-09	1.80E-09	1.75E-09	8.43E-11	2.04E-09	4.50E-10	5.92E-10	9.38E-10	1.65E-10	9.18E-10	5.18E-09
1305	490608.06	3859590.74	7.10E-06	7.00E-06	6.80E-06	2.46E-09	7.42E-09	4.29E-09	4.24E-09	3.84E-09	1.75E-09	1.70E-09	8.20E-11	1.98E-09	4.37E-10	5.75E-10	9.13E-10	1.61E-10	8.93E-10	5.04E-09
1306	490658.06	3859590.74	6.92E-06	6.83E-06	6.63E-06	2.40E-09	7.23E-09	4.19E-09	4.13E-09	3.75E-09	1.71E-09	1.66E-09	8.00E-11	1.93E-09	4.26E-10	5.61E-10	8.90E-10	1.57E-10	8.71E-10	4.92E-09
1307	490708.06	3859590.74	6.76E-06	6.67E-06	6.48E-06	2.34E-09	7.07E-09	4.09E-09	4.04E-09	3.66E-09	1.67E-09	1.62E-09	7.81E-11	1.89E-09	4.17E-10	5.48E-10	8.69E-10	1.53E-10	8.51E-10	4.80E-09
1308	490758.06	3859590.74	6.60E-06	6.51E-06	6.32E-06	2.28E-09	6.90E-09	3.99E-09	3.94E-09	3.57E-09	1.63E-09	1.58E-09	7.63E-11	1.84E-09	4.07E-10	5.35E-10	8.49E-10	1.50E-10	8.31E-10	4.69E-09
1309	490808.06	3859590.74	6.45E-06	6.37E-06	6.19E-06	2.23E-09	6.75E-09	3.91E-09	3.85E-09	3.49E-09	1.59E-09	1.55E-09	7.46E-11	1.80E-09	3.98E-10	5.23E-10	8.30E-10	1.46E-10	8.13E-10	4.59E-09
1310	490858.06	3859590.74	6.31E-06	6.23E-06	6.05E-06	2.18E-09	6.59E-09	3.82E-09	3.77E-09	3.42E-09	1.56E-09	1.51E-09	7.29E-11	1.76E-09	3.89E-10	5.12E-10	8.11E-10	1.43E-10	7.94E-10	4.48E-09
1311	490458.06	3859640.74	8.11E-06	8.01E-06	7.77E-06	2.81E-09	8.48E-09	4.91E-09	4.84E-09	4.39E-09	2.00E-09	1.95E-09	9.38E-11	2.26E-09	5.00E-10	6.58E-10	1.04E-09	1.84E-10	1.02E-09	5.76E-09
1312	490508.06	3859640.74	7.70E-06	7.60E-06	7.38E-06	2.67E-09	8.05E-09	4.66E-09	4.60E-09	4.17E-09	1.90E-09	1.85E-09	8.90E-11	2.15E-09	4.74E-10	6.24E-10	9.90E-10	1.75E-10	9.69E-10	5.47E-09
1313	490558.06	3859640.74	7.19E-06	7.10E-06	6.90E-06	2.49E-09	7.52E-09	4.35E-09	4.30E-09	3.89E-09	1.78E-09	1.73E-09	8.32E-11	2.01E-09	4.43E-10	5.83E-10	9.25E-10	1.63E-10	9.06E-10	5.11E-09
1314	490608.06	3859640.74	6.89E-06	6.80E-06	6.60E-06	2.38E-09	7.20E-09	4.17E-09	4.11E-09	3.73E-09	1.70E-09	1.65E-09	7.96E-11	1.92E-09	4.24E-10	5.58E-10	8.86E-10	1.56E-10	8.67E-10	4.89E-09
1315	490658.06	3859640.74	6.66E-06	6.58E-06	6.39E-06	2.31E-09	6.96E-09	4.03E-09	3.98E-09	3.61E-09	1.65E-09	1.60E-09	7.70E-11	1.86E-09	4.11E-10	5.40E-10	8.57E-10	1.51E-10	8.39E-10	4.74E-09
1316	490708.06	3859640.74	6.48E-06	6.40E-06	6.21E-06	2.24E-09	6.78E-09	3.92E-09	3.87E-09	3.51E-09	1.60E-09	1.55E-09	7.49E-11	1.81E-09	3.99E-10	5.26E-10	8.34E-10	1.47E-10	8.16E-10	4.61E-09
1317	490758.06	3859640.74	6.32E-06	6.24E-06	6.06E-06	2.19E-09	6.61E-09	3.82E-09	3.77E-09	3.42E-09	1.56E-09	1.52E-09	7.31E-11	1.76E-09	3.89E-10	5.13E-10	8.13E-10	1.43E-10	7.96E-10	4.49E-09
1318	490808.06	3859640.74	6.19E-06	6.11E-06	5.93E-06	2.14E-09	6.47E-09	3.74E-09	3.69E-09	3.35E-09	1.53E-09	1.48E-09	7.15E-11	1.73E-09	3.81E-10	5.02E-10	7.96E-10	1.40E-10	7.79E-10	4.40E-09

1319	490858.06	3859640.74	6.06E-06	5.98E-06	5.81E-06	2.10E-09	6.34E-09	3.67E-09	3.62E-09	3.28E-09	1.50E-09	1.45E-09	7.01E-11	1.69E-09	3.74E-10	4.92E-10	7.80E-10	1.37E-10	7.63E-10	4.31E-09
1320	490608.06	3859690.74	7.15E-06	7.06E-06	6.85E-06	2.48E-09	7.47E-09	4.33E-09	4.27E-09	3.87E-09	1.77E-09	1.72E-09	8.27E-11	2.00E-09	4.41E-10	5.80E-10	9.20E-10	1.62E-10	9.00E-10	5.08E-09
1321	490658.06	3859690.74	6.64E-06	6.55E-06	6.36E-06	2.30E-09	6.94E-09	4.02E-09	3.97E-09	3.59E-09	1.64E-09	1.59E-09	7.68E-11	1.85E-09	4.09E-10	5.38E-10	8.54E-10	1.51E-10	8.36E-10	4.72E-09
1322	490708.06	3859690.74	6.34E-06	6.26E-06	6.08E-06	2.20E-09	6.63E-09	3.84E-09	3.79E-09	3.43E-09	1.57E-09	1.52E-09	7.33E-11	1.77E-09	3.91E-10	5.14E-10	8.16E-10	1.44E-10	7.98E-10	4.51E-09
1323	490758.06	3859690.74	6.13E-06	6.05E-06	5.87E-06	2.12E-09	6.41E-09	3.71E-09	3.66E-09	3.32E-09	1.51E-09	1.47E-09	7.08E-11	1.71E-09	3.78E-10	4.97E-10	7.88E-10	1.39E-10	7.72E-10	4.36E-09
1324	490808.06	3859690.74	5.96E-06	5.89E-06	5.71E-06	2.06E-09	6.23E-09	3.61E-09	3.56E-09	3.23E-09	1.47E-09	1.43E-09	6.89E-11	1.66E-09	3.67E-10	4.83E-10	7.67E-10	1.35E-10	7.51E-10	4.24E-09
1325	490858.06	3859690.74	5.85E-06	5.77E-06	5.60E-06	2.02E-09	6.11E-09	3.54E-09	3.49E-09	3.16E-09	1.44E-09	1.40E-09	6.76E-11	1.63E-09	3.60E-10	4.74E-10	7.52E-10	1.33E-10	7.36E-10	4.15E-09
1326	490708.06	3859740.74	6.72E-06	6.63E-06	6.44E-06	2.33E-09	7.02E-09	4.06E-09	4.01E-09	3.64E-09	1.66E-09	1.61E-09	7.77E-11	1.88E-09	4.14E-10	5.45E-10	8.64E-10	1.52E-10	8.46E-10	4.77E-09
1327	490758.06	3859740.74	6.20E-06	6.12E-06	5.95E-06	2.15E-09	6.48E-09	3.75E-09	3.70E-09	3.36E-09	1.53E-09	1.49E-09	7.17E-11	1.73E-09	3.82E-10	5.03E-10	7.98E-10	1.41E-10	7.81E-10	4.41E-09
1328	490808.06	3859740.74	5.91E-06	5.83E-06	5.66E-06	2.05E-09	6.18E-09	3.58E-09	3.53E-09	3.20E-09	1.46E-09	1.42E-09	6.83E-11	1.65E-09	3.64E-10	4.79E-10	7.60E-10	1.34E-10	7.44E-10	4.20E-09
1329	490858.06	3859740.74	5.72E-06	5.64E-06	5.48E-06	1.98E-09	5.98E-09	3.46E-09	3.41E-09	3.10E-09	1.41E-09	1.37E-09	6.61E-11	1.60E-09	3.52E-10	4.64E-10	7.35E-10	1.30E-10	7.20E-10	4.06E-09
1330	490786.56	3859749.39	6.06E-06	5.98E-06	5.81E-06	2.10E-09	6.33E-09	3.67E-09	3.62E-09	3.28E-09	1.50E-09	1.45E-09	7.00E-11	1.69E-09	3.73E-10	4.91E-10	7.79E-10	1.37E-10	7.63E-10	4.30E-09
1331	490836.56	3859749.39	5.79E-06	5.72E-06	5.55E-06	2.01E-09	6.06E-09	3.51E-09	3.46E-09	3.14E-09	1.43E-09	1.39E-09	6.70E-11	1.62E-09	3.57E-10	4.70E-10	7.45E-10	1.31E-10	7.29E-10	4.12E-09
1332	490786.56	3859799.39	6.29E-06	6.21E-06	6.03E-06	2.18E-09	6.58E-09	3.81E-09	3.76E-09	3.41E-09	1.55E-09	1.51E-09	7.27E-11	1.76E-09	3.88E-10	5.10E-10	8.09E-10	1.43E-10	7.92E-10	4.47E-09
1333	490836.56	3859799.39	6.16E-06	6.08E-06	5.91E-06	2.13E-09	6.44E-09	3.73E-09	3.68E-09	3.34E-09	1.52E-09	1.48E-09	7.12E-11	1.72E-09	3.80E-10	5.00E-10	7.93E-10	1.40E-10	7.76E-10	4.38E-09
1334	492307.84	3854508.36	2.28E-07	2.25E-07	2.18E-07	7.88E-11	2.38E-10	1.38E-10	1.36E-10	1.23E-10	5.63E-11	5.46E-11	2.63E-12	6.36E-11	1.40E-11	1.85E-11	2.93E-11	5.16E-12	2.87E-11	1.62E-10
1335	486445.7	3854753.6	2.32E-07	2.29E-07	2.23E-07	8.04E-11	2.43E-10	1.41E-10	1.39E-10	1.26E-10	5.74E-11	5.57E-11	2.69E-12	6.49E-11	1.43E-11	1.88E-11	2.99E-11	5.27E-12	2.92E-11	1.65E-10
1336	472599.75	3877830.11	4.10E-08	4.05E-08	3.93E-08	1.42E-11	4.28E-11	2.48E-11	2.45E-11	2.22E-11	1.01E-11	9.83E-12	4.74E-13	1.14E-11	2.53E-12	3.32E-12	5.27E-12	9.29E-13	5.16E-12	2.91E-11
1337	493107.48	3866840.19	1.57E-07	1.55E-07	1.50E-07	5.43E-11	1.64E-10	9.50E-11	9.37E-11	8.50E-11	3.88E-11	3.76E-11	1.81E-12	4.38E-11	9.67E-12	1.27E-11	2.02E-11	3.56E-12	1.98E-11	1.12E-10
1338	495815.8	3861662.87	8.92E-07	8.80E-07	8.55E-07	3.09E-10	9.32E-10	5.40E-10	5.33E-10	4.83E-10	2.20E-10	2.14E-10	1.03E-11	2.49E-10	5.50E-11	7.23E-11	1.15E-10	2.02E-11	1.12E-10	6.34E-10
1339	480272.33	3841389.2	1.17E-08	1.16E-08	1.12E-08	4.05E-12	1.22E-11	7.09E-12	6.99E-12	6.34E-12	2.89E-12	2.81E-12	1.35E-13	3.27E-12	7.22E-13	9.50E-13	1.51E-12	2.65E-13	1.47E-12	8.32E-12
1340	497005.18	3862813.64	5.67E-07	5.60E-07	5.43E-07	1.96E-10	5.93E-10	3.43E-10	3.39E-10	3.07E-10	1.40E-10	1.36E-10	6.55E-12	1.58E-10	3.49E-11	4.60E-11	7.29E-11	1.29E-11	7.14E-11	4.03E-10
1341	493677.33	3860302.55	2.15E-06	2.12E-06	2.06E-06	7.44E-10	2.25E-09	1.30E-09	1.28E-09	1.16E-09	5.31E-10	5.15E-10	2.48E-11	6.00E-10	1.32E-10	1.74E-10	2.76E-10	4.87E-11	2.70E-10	1.53E-09
1342	493727.33	3860302.55	2.14E-06	2.11E-06	2.05E-06	7.40E-10	2.23E-09	1.29E-09	1.28E-09	1.16E-09	5.28E-10	5.13E-10	2.47E-11	5.97E-10	1.32E-10	1.73E-10	2.75E-10	4.84E-11	2.69E-10	1.52E-09
1343	493777.33	3860302.55	2.13E-06	2.10E-06	2.04E-06	7.36E-10	2.22E-09	1.29E-09	1.27E-09	1.15E-09	5.25E-10	5.10E-10	2.46E-11	5.94E-10	1.31E-10	1.72E-10	2.74E-10	4.82E-11	2.68E-10	1.51E-09
1344	493827.33	3860302.55	2.12E-06	2.09E-06	2.03E-06	7.33E-10	2.21E-09	1.28E-09	1.26E-09	1.15E-09	5.23E-10	5.08E-10	2.45E-11	5.91E-10	1.30E-10	1.72E-10	2.72E-10	4.80E-11	2.67E-10	1.50E-09
1345	493877.33	3860302.55	2.11E-06	2.08E-06	2.02E-06	7.29E-10	2.20E-09	1.27E-09	1.26E-09	1.14E-09	5.20E-10	5.05E-10	2.43E-11	5.88E-10	1.30E-10	1.71E-10	2.71E-10	4.77E-11	2.65E-10	1.50E-09
1346	493927.33	3860302.55	2.09E-06	2.07E-06	2.01E-06	7.25E-10	2.19E-09	1.27E-09	1.25E-09	1.13E-09	5.17E-10	5.02E-10	2.42E-11	5.84E-10	1.29E-10	1.70E-10	2.69E-10	4.74E-11	2.64E-10	1.49E-09
1347	493977.33	3860302.55	2.09E-06	2.06E-06	2.00E-06	7.22E-10	2.18E-09	1.26E-09	1.25E-09	1.13E-09	5.16E-10	5.01E-10	2.41E-11	5.83E-10	1.29E-10	1.69E-10	2.68E-10	4.73E-11	2.63E-10	1.48E-09
1348	494027.33	3860302.55	2.08E-06	2.05E-06	1.99E-06	7.19E-10	2.17E-09	1.26E-09	1.24E-09	1.12E-09	5.13E-10	4.98E-10	2.40E-11	5.80E-10	1.28E-10	1.68E-10	2.67E-10	4.71E-11	2.61E-10	1.48E-09
1349	493677.33	3860352.55	2.08E-06	2.06E-06	2.00E-06	7.21E-10	2.18E-09	1.26E-09	1.24E-09	1.13E-09	5.14E-10	4.99E-10	2.41E-11	5.81E-10	1.28E-10	1.69E-10	2.68E-10	4.72E-11	2.62E-10	1.48E-09
1350	493727.33	3860352.55	2.07E-06	2.04E-06	1.98E-06	7.17E-10	2.16E-09	1.25E-09	1.24E-09	1.12E-09	5.12E-10	4.97E-10	2.39E-11	5.78E-10	1.28E-10	1.68E-10	2.66E-10	4.69E-11	2.61E-10	1.47E-09
1351	493777.33	3860352.55	2.06E-06	2.03E-06	1.97E-06	7.13E-10	2.15E-09	1.25E-09	1.23E-09	1.11E-09	5.09E-10	4.94E-10	2.38E-11	5.75E-10	1.27E-10	1.67E-10	2.65E-10	4.67E-11	2.59E-10	1.46E-09
1352	493827.33	3860352.55	2.05E-06	2.02E-06	1.96E-06	7.09E-10	2.14E-09	1.24E-09	1.22E-09	1.11E-09	5.06E-10	4.92E-10	2.37E-11	5.72E-10	1.26E-10	1.66E-10	2.64E-10	4.65E-11	2.58E-10	1.46E-09
1353	493877.33	3860352.55	2.04E-06	2.01E-06	1.96E-06	7.06E-10	2.13E-09	1.23E-09	1.22E-09	1.10E-09	5.04E-10	4.89E-10	2.36E-11	5.70E-10	1.26E-10	1.65E-10	2.62E-10	4.62E-11	2.57E-10	1.45E-09
1354	493927.33	3860352.55	2.03E-06	2.01E-06	1.95E-06	7.03E-10	2.12E-09	1.23E-09	1.21E-09	1.10E-09	5.02E-10	4.87E-10	2.35E-11	5.67E-10	1.25E-10	1.65E-10	2.61E-10	4.61E-11	2.56E-10	1.44E-09
1355	493977.33	3860352.55	2.03E-06	2.00E-06	1.94E-06	7.01E-10	2.12E-09	1.23E-09	1.21E-09	1.10E-09	5.01E-10	4.86E-10	2.34E-11	5.66E-10	1.25E-10	1.64E-10	2.61E-10	4.59E-11	2.55E-10	1.44E-09
1356	494027.33	3860352.55	2.02E-06	1.99E-06	1.93E-06	6.98E-10	2.11E-09	1.22E-09	1.20E-09	1.09E-09	4.98E-10	4.84E-10	2.33E-11	5.63E-10	1.24E-10	1.63E-10	2.59E-10	4.57E-11	2.54E-10	1.43E-09
1357	493677.33	3860402.55	2.02E-06	1.99E-06	1.93E-06	6.98E-10	2.11E-09	1.22E-09	1.20E-09	1.09E-09	4.98E-10	4.84E-10	2.33E-11	5.63E-10	1.24E-10	1.64E-10	2.59E-10	4.57E-11	2.54E-10	1.43E-09
1358	493727.33	3860402.55	2.01E-06	1.98E-06	1.92E-06	6.95E-10	2.10E-09	1.21E-09	1.20E-09	1.09E-09	4.96E-10	4.81E-10	2.32E-11	5.60E-10	1.24E-10	1.63E-10	2.58E-10	4.55E-11	2.53E-10	1.43E-09
1359	493777.33	3860402.55	2.00E-06	1.97E-06	1.92E-06	6.92E-10	2.09E-09	1.21E-09	1.19E-09	1.08E-09	4.94E-10	4.80E-10	2.31E-11	5.58E-10	1.23E-10	1.62E-10	2.57E-10	4.53E-11	2.52E-10	1.42E-09
1360	493827.33	3860402.55	1.99E-06	1.96E-06	1.91E-06	6.88E-10	2.08E-09	1.20E-09	1.19E-09	1.08E-09	4.91E-10	4.77E-10	2.30E-11	5.55E-10	1.22E-10	1.61E-10	2.56E-10	4.51E-11	2.50E-10	1.41E-09
1361	493877.33	3860402.55	1.98E-06	1.95E-06	1.90E-06	6.85E-10	2.07E-09	1.20E-09	1.18E-09	1.07E-09	4.89E-10	4.74E-10	2.29E-11	5.52E-10	1.22E-10	1.60E-10	2.54E-10	4.48E-11	2.49E-10	1.41E-09
1362	493927.33	3860402.55	1.97E-06	1.95E-06	1.89E-06	6.82E-10	2.06E-09	1.19E-09	1.18E-09	1.07E-09	4.87E-10	4.73E-10	2.28E-11	5.50E-10	1.21E-10	1.60E-10	2.53E-10	4.47E-11	2.48E-10	1.40E-09
1363	493977.33	3860402.55	1.97E-06	1.94E-06	1.88E-06	6.80E-10	2.05E-09	1.19E-09	1.17E-09	1.06E-09	4.86E-10	4.71E-10	2.27E-11	5.49E-10	1.21E-10	1.59E-10	2.53E-10	4.46E-11	2.47E-10	1.40E-09
1364	494027.33	3860402.55	1.96E-06	1.93E-06	1.87E-06	6.77E-10	2.04E-09	1.18E-09	1.17E-09	1.06E-09	4.83E-10	4.69E-10	2.26E-11	5.46E-10	1.20E-10	1.59E-10	2.51E-10	4.43E-11	2.46E-10	1.39E-09
1365	493677.33	3860452.55	1.96E-06	1.93E-06	1.88E-06	6.78E-10	2.05E-09	1.18E-09	1.17E-09	1.06E-09	4.84E-10	4.70E-10	2.26E-11	5.47E-10	1.21E-10	1.59E-10	2.52E-10	4.44E-11	2.46E-10	1.39E-09
1366	493727.33	3860452.55	1.94E-06	1.92E-06	1.86E-06	6.73E-10	2.03E-09	1.18E-09	1.16E-09	1.05E-09	4.80E-10	4.66E-10	2.25E-11	5.43E-10	1.20E-10	1.58E-10	2.50E-10	4.41E-11	2.45E-10	1.38E-09
1367	493777.33	3860452.55	1.94E-06	1.91E-06	1.85E-06	6.70E-10	2.02E-09	1.17E-09	1.16E-09	1.05E-09	4.78E-10	4.64E-10	2.24E-11	5.40E-10	1.19E-10	1.57E-10	2.49E-10	4.39E-11	2.44E-10	1.38E-09
1368	493827.33	3860452.55	1.93E-06	1.90E-06	1.85E-06	6.68E-10	2.02E-09	1.17E-09	1.15E-09	1.04E-09	4.76E-10	4.63E-10	2.23E-11	5.38E-10	1.19E-10	1.56E-10	2.48E-10	4.37E-11	2.43E-10	1.37E-09
1369	493877.33	3860452.55	1.92E-06	1.90E-06	1.84E-06	6.65E-10	2.01E-09	1.16E-09	1.15E-09	1.04E-09	4.74E-10	4.61E-10	2.22E-11	5.36E-10	1.18E-10	1.56E-10	2.47E-10	4.35E-11	2.42E-10	1.36E-09
1370	493927.33	3860452.55	1.91E-06	1.89E-06	1.84E-06	6.63E-10	2.00E-09	1.16E-09	1.14E-09	1.04E-09	4.73E-10	4.59E-10	2.21E-11	5.35E-10	1.18E-10	1.55E-10	2.46E-10	4.34E-11	2.41E-10	1.36E-09
1371	493977.33	3860452.55	1.91E-06	1.88E-06	1.83E-06	6.60E-10	1.99E-09	1.15E-09	1.14E-09	1.03E-09	4.71E-10	4.57E-10	2.20E-11	5.32E-10	1.17E-10	1.55E-10	2.45E-10	4.32E-11	2.40E-10	1.35E-09

1372	494027.33	3860452.55	1.90E-06	1.87E-06	1.82E-06	6.57E-10	1.98E-09	1.15E-09	1.13E-09	1.03E-09	4.69E-10	4.55E-10	2.19E-11	5.30E-10	1.17E-10	1.54E-10	2.44E-10	4.30E-11	2.39E-10	1.35E-09
1373	493677.33	3860502.55	1.90E-06	1.87E-06	1.82E-06	6.57E-10	1.99E-09	1.15E-09	1.13E-09	1.03E-09	4.69E-10	4.56E-10	2.20E-11	5.30E-10	1.17E-10	1.54E-10	2.44E-10	4.31E-11	2.39E-10	1.35E-09
1374	493727.33	3860502.55	1.89E-06	1.86E-06	1.81E-06	6.53E-10	1.97E-09	1.14E-09	1.13E-09	1.02E-09	4.66E-10	4.53E-10	2.18E-11	5.27E-10	1.16E-10	1.53E-10	2.43E-10	4.28E-11	2.38E-10	1.34E-09
1375	493777.33	3860502.55	1.88E-06	1.85E-06	1.80E-06	6.50E-10	1.96E-09	1.14E-09	1.12E-09	1.02E-09	4.64E-10	4.51E-10	2.17E-11	5.25E-10	1.16E-10	1.52E-10	2.42E-10	4.26E-11	2.37E-10	1.34E-09
1376	493827.33	3860502.55	1.87E-06	1.85E-06	1.79E-06	6.47E-10	1.95E-09	1.13E-09	1.12E-09	1.01E-09	4.62E-10	4.49E-10	2.16E-11	5.22E-10	1.15E-10	1.52E-10	2.41E-10	4.24E-11	2.35E-10	1.33E-09
1377	493877.33	3860502.55	1.86E-06	1.84E-06	1.79E-06	6.45E-10	1.95E-09	1.13E-09	1.11E-09	1.01E-09	4.60E-10	4.47E-10	2.15E-11	5.20E-10	1.15E-10	1.51E-10	2.40E-10	4.23E-11	2.35E-10	1.32E-09
1378	493927.33	3860502.55	1.86E-06	1.83E-06	1.78E-06	6.43E-10	1.94E-09	1.12E-09	1.11E-09	1.01E-09	4.59E-10	4.46E-10	2.15E-11	5.19E-10	1.15E-10	1.51E-10	2.39E-10	4.21E-11	2.34E-10	1.32E-09
1379	493977.33	3860502.55	1.85E-06	1.83E-06	1.77E-06	6.40E-10	1.93E-09	1.12E-09	1.10E-09	1.00E-09	4.57E-10	4.44E-10	2.14E-11	5.16E-10	1.14E-10	1.50E-10	2.38E-10	4.19E-11	2.33E-10	1.31E-09
1380	494027.33	3860502.55	1.84E-06	1.82E-06	1.76E-06	6.37E-10	1.92E-09	1.11E-09	1.10E-09	9.97E-10	4.55E-10	4.42E-10	2.13E-11	5.14E-10	1.13E-10	1.49E-10	2.37E-10	4.17E-11	2.32E-10	1.31E-09
1381	493627.33	3860552.55	1.85E-06	1.83E-06	1.77E-06	6.41E-10	1.94E-09	1.12E-09	1.11E-09	1.00E-09	4.57E-10	4.44E-10	2.14E-11	5.17E-10	1.14E-10	1.50E-10	2.38E-10	4.20E-11	2.33E-10	1.32E-09
1382	493677.33	3860552.55	1.84E-06	1.82E-06	1.76E-06	6.37E-10	1.92E-09	1.11E-09	1.10E-09	9.96E-10	4.55E-10	4.41E-10	2.13E-11	5.14E-10	1.13E-10	1.49E-10	2.37E-10	4.17E-11	2.32E-10	1.31E-09
1383	493727.33	3860552.55	1.83E-06	1.81E-06	1.75E-06	6.33E-10	1.91E-09	1.11E-09	1.09E-09	9.90E-10	4.52E-10	4.39E-10	2.11E-11	5.11E-10	1.13E-10	1.48E-10	2.35E-10	4.15E-11	2.30E-10	1.30E-09
1384	493777.33	3860552.55	1.82E-06	1.80E-06	1.75E-06	6.31E-10	1.90E-09	1.10E-09	1.09E-09	9.86E-10	4.50E-10	4.37E-10	2.11E-11	5.09E-10	1.12E-10	1.48E-10	2.34E-10	4.13E-11	2.29E-10	1.29E-09
1385	493827.33	3860552.55	1.82E-06	1.79E-06	1.74E-06	6.29E-10	1.90E-09	1.10E-09	1.08E-09	9.83E-10	4.49E-10	4.36E-10	2.10E-11	5.07E-10	1.12E-10	1.47E-10	2.34E-10	4.12E-11	2.29E-10	1.29E-09
1386	493877.33	3860552.55	1.81E-06	1.78E-06	1.73E-06	6.26E-10	1.89E-09	1.09E-09	1.08E-09	9.79E-10	4.46E-10	4.34E-10	2.09E-11	5.05E-10	1.11E-10	1.47E-10	2.32E-10	4.10E-11	2.28E-10	1.28E-09
1387	493927.33	3860552.55	1.80E-06	1.78E-06	1.73E-06	6.24E-10	1.88E-09	1.09E-09	1.08E-09	9.75E-10	4.45E-10	4.32E-10	2.08E-11	5.03E-10	1.11E-10	1.46E-10	2.32E-10	4.08E-11	2.27E-10	1.28E-09
1388	493977.33	3860552.55	1.80E-06	1.77E-06	1.72E-06	6.22E-10	1.88E-09	1.09E-09	1.07E-09	9.72E-10	4.44E-10	4.31E-10	2.08E-11	5.02E-10	1.11E-10	1.46E-10	2.31E-10	4.07E-11	2.26E-10	1.28E-09
1389	494027.33	3860552.55	1.79E-06	1.76E-06	1.71E-06	6.19E-10	1.87E-09	1.08E-09	1.07E-09	9.68E-10	4.42E-10	4.29E-10	2.07E-11	4.99E-10	1.10E-10	1.45E-10	2.30E-10	4.05E-11	2.25E-10	1.27E-09
1390	493627.33	3860602.55	1.80E-06	1.77E-06	1.72E-06	6.22E-10	1.88E-09	1.09E-09	1.07E-09	9.73E-10	4.44E-10	4.31E-10	2.08E-11	5.02E-10	1.11E-10	1.46E-10	2.31E-10	4.07E-11	2.26E-10	1.28E-09
1391	493727.33	3860602.55	1.77E-06	1.75E-06	1.70E-06	6.13E-10	1.85E-09	1.07E-09	1.06E-09	9.59E-10	4.38E-10	4.25E-10	2.05E-11	4.95E-10	1.09E-10	1.44E-10	2.28E-10	4.02E-11	2.23E-10	1.26E-09
1392	493777.33	3860602.55	1.77E-06	1.75E-06	1.70E-06	6.12E-10	1.85E-09	1.07E-09	1.06E-09	9.57E-10	4.37E-10	4.24E-10	2.04E-11	4.94E-10	1.09E-10	1.43E-10	2.27E-10	4.01E-11	2.23E-10	1.26E-09
1393	493827.33	3860602.55	1.76E-06	1.74E-06	1.69E-06	6.10E-10	1.84E-09	1.07E-09	1.05E-09	9.53E-10	4.35E-10	4.22E-10	2.04E-11	4.92E-10	1.09E-10	1.43E-10	2.27E-10	3.99E-11	2.22E-10	1.25E-09
1394	493877.33	3860602.55	1.76E-06	1.73E-06	1.68E-06	6.08E-10	1.84E-09	1.06E-09	1.05E-09	9.51E-10	4.34E-10	4.21E-10	2.03E-11	4.90E-10	1.08E-10	1.42E-10	2.26E-10	3.98E-11	2.21E-10	1.25E-09
1395	493927.33	3860602.55	1.75E-06	1.73E-06	1.68E-06	6.06E-10	1.83E-09	1.06E-09	1.05E-09	9.48E-10	4.32E-10	4.20E-10	2.02E-11	4.89E-10	1.08E-10	1.42E-10	2.25E-10	3.97E-11	2.20E-10	1.24E-09
1396	493977.33	3860602.55	1.74E-06	1.72E-06	1.67E-06	6.04E-10	1.82E-09	1.06E-09	1.04E-09	9.44E-10	4.31E-10	4.18E-10	2.02E-11	4.87E-10	1.07E-10	1.41E-10	2.24E-10	3.95E-11	2.20E-10	1.24E-09
1397	494027.33	3860602.55	1.74E-06	1.71E-06	1.66E-06	6.01E-10	1.81E-09	1.05E-09	1.04E-09	9.40E-10	4.29E-10	4.16E-10	2.01E-11	4.85E-10	1.07E-10	1.41E-10	2.23E-10	3.93E-11	2.18E-10	1.23E-09
1398	493627.33	3860652.55	1.74E-06	1.72E-06	1.67E-06	6.04E-10	1.82E-09	1.05E-09	1.04E-09	9.44E-10	4.31E-10	4.18E-10	2.02E-11	4.87E-10	1.07E-10	1.41E-10	2.24E-10	3.95E-11	2.19E-10	1.24E-09
1399	493727.33	3860652.55	1.72E-06	1.70E-06	1.65E-06	5.95E-10	1.80E-09	1.04E-09	1.03E-09	9.31E-10	4.25E-10	4.12E-10	1.99E-11	4.80E-10	1.06E-10	1.39E-10	2.21E-10	3.90E-11	2.16E-10	1.22E-09
1400	493777.33	3860652.55	1.71E-06	1.69E-06	1.64E-06	5.94E-10	1.79E-09	1.04E-09	1.02E-09	9.28E-10	4.24E-10	4.11E-10	1.98E-11	4.79E-10	1.06E-10	1.39E-10	2.21E-10	3.89E-11	2.16E-10	1.22E-09
1401	493827.33	3860652.55	1.71E-06	1.69E-06	1.64E-06	5.92E-10	1.79E-09	1.03E-09	1.02E-09	9.26E-10	4.22E-10	4.10E-10	1.98E-11	4.77E-10	1.05E-10	1.39E-10	2.20E-10	3.88E-11	2.15E-10	1.22E-09
1402	493877.33	3860652.55	1.71E-06	1.68E-06	1.64E-06	5.91E-10	1.78E-09	1.03E-09	1.02E-09	9.24E-10	4.22E-10	4.09E-10	1.97E-11	4.76E-10	1.05E-10	1.38E-10	2.19E-10	3.87E-11	2.15E-10	1.21E-09
1403	493927.33	3860652.55	1.70E-06	1.68E-06	1.63E-06	5.88E-10	1.78E-09	1.03E-09	1.02E-09	9.20E-10	4.20E-10	4.08E-10	1.97E-11	4.75E-10	1.05E-10	1.38E-10	2.19E-10	3.85E-11	2.14E-10	1.21E-09
1404	493977.33	3860652.55	1.69E-06	1.67E-06	1.62E-06	5.86E-10	1.77E-09	1.02E-09	1.01E-09	9.17E-10	4.18E-10	4.06E-10	1.96E-11	4.73E-10	1.04E-10	1.37E-10	2.18E-10	3.84E-11	2.13E-10	1.20E-09
1405	494027.33	3860652.55	1.69E-06	1.67E-06	1.62E-06	5.85E-10	1.77E-09	1.02E-09	1.01E-09	9.14E-10	4.17E-10	4.05E-10	1.95E-11	4.72E-10	1.04E-10	1.37E-10	2.17E-10	3.83E-11	2.13E-10	1.20E-09
1406	494311.06	3858401.99	2.29E-06	2.26E-06	2.19E-06	7.92E-10	2.39E-09	1.38E-09	1.37E-09	1.24E-09	5.65E-10	5.49E-10	2.65E-11	6.39E-10	1.41E-10	1.86E-10	2.94E-10	5.19E-11	2.88E-10	1.63E-09
1407	494361.06	3858401.99	2.23E-06	2.20E-06	2.14E-06	7.73E-10	2.33E-09	1.35E-09	1.33E-09	1.21E-09	5.52E-10	5.36E-10	2.58E-11	6.23E-10	1.38E-10	1.81E-10	2.87E-10	5.06E-11	2.81E-10	1.59E-09
1408	494411.06	3858401.99	2.19E-06	2.16E-06	2.10E-06	7.58E-10	2.29E-09	1.33E-09	1.31E-09	1.19E-09	5.41E-10	5.26E-10	2.53E-11	6.12E-10	1.35E-10	1.78E-10	2.82E-10	4.97E-11	2.76E-10	1.56E-09
1409	494461.06	3858401.99	2.16E-06	2.14E-06	2.07E-06	7.49E-10	2.26E-09	1.31E-09	1.29E-09	1.17E-09	5.34E-10	5.19E-10	2.50E-11	6.04E-10	1.33E-10	1.75E-10	2.78E-10	4.90E-11	2.72E-10	1.54E-09
1410	494511.06	3858401.99	2.12E-06	2.09E-06	2.03E-06	7.34E-10	2.22E-09	1.28E-09	1.27E-09	1.15E-09	5.24E-10	5.09E-10	2.45E-11	5.92E-10	1.31E-10	1.72E-10	2.73E-10	4.81E-11	2.67E-10	1.51E-09
1411	494561.06	3858401.99	2.09E-06	2.07E-06	2.01E-06	7.25E-10	2.19E-09	1.27E-09	1.25E-09	1.13E-09	5.17E-10	5.02E-10	2.42E-11	5.85E-10	1.29E-10	1.70E-10	2.69E-10	4.75E-11	2.64E-10	1.49E-09
1412	494611.06	3858401.99	2.05E-06	2.03E-06	1.97E-06	7.10E-10	2.14E-09	1.24E-09	1.23E-09	1.11E-09	5.07E-10	4.92E-10	2.37E-11	5.73E-10	1.26E-10	1.66E-10	2.64E-10	4.65E-11	2.58E-10	1.46E-09
1413	494661.06	3858401.99	2.02E-06	1.99E-06	1.93E-06	6.98E-10	2.11E-09	1.22E-09	1.20E-09	1.09E-09	4.98E-10	4.83E-10	2.33E-11	5.63E-10	1.24E-10	1.63E-10	2.59E-10	4.57E-11	2.54E-10	1.43E-09
1414	494711.06	3858401.99	1.97E-06	1.94E-06	1.89E-06	6.81E-10	2.06E-09	1.19E-09	1.18E-09	1.07E-09	4.86E-10	4.72E-10	2.28E-11	5.50E-10	1.21E-10	1.60E-10	2.53E-10	4.46E-11	2.48E-10	1.40E-09
1415	494761.06	3858401.99	1.94E-06	1.91E-06	1.86E-06	6.71E-10	2.03E-09	1.17E-09	1.16E-09	1.05E-09	4.79E-10	4.65E-10	2.24E-11	5.41E-10	1.19E-10	1.57E-10	2.49E-10	4.39E-11	2.44E-10	1.38E-09
1416	494811.06	3858401.99	1.90E-06	1.87E-06	1.82E-06	6.58E-10	1.99E-09	1.15E-09	1.13E-09	1.03E-09	4.69E-10	4.56E-10	2.20E-11	5.30E-10	1.17E-10	1.54E-10	2.44E-10	4.31E-11	2.39E-10	1.35E-09
1417	494861.06	3858401.99	1.86E-06	1.84E-06	1.79E-06	6.46E-10	1.95E-09	1.13E-09	1.11E-09	1.01E-09	4.61E-10	4.47E-10	2.16E-11	5.21E-10	1.15E-10	1.51E-10	2.40E-10	4.23E-11	2.35E-10	1.33E-09
1418	494911.06	3858401.99	1.83E-06	1.81E-06	1.75E-06	6.34E-10	1.91E-09	1.11E-09	1.09E-09	9.91E-10	4.52E-10	4.39E-10	2.12E-11	5.11E-10	1.13E-10	1.48E-10	2.36E-10	4.15E-11	2.31E-10	1.30E-09
1419	494961.06	3858401.99	1.80E-06	1.77E-06	1.72E-06	6.22E-10	1.88E-09	1.09E-09	1.07E-09	9.73E-10	4.44E-10	4.31E-10	2.08E-11	5.02E-10	1.11E-10	1.46E-10	2.31E-10	4.07E-11	2.26E-10	1.28E-09
1420	495011.06	3858401.99	1.76E-06	1.73E-06	1.68E-06	6.08E-10	1.84E-09	1.06E-09	1.05E-09	9.51E-10	4.34E-10	4.21E-10	2.03E-11	4.90E-10	1.08E-10	1.42E-10	2.26E-10	3.98E-11	2.21E-10	1.25E-09
1421	495061.06	3858401.99	1.72E-06	1.70E-06	1.65E-06	5.97E-10	1.80E-09	1.04E-09	1.03E-09	9.33E-10	4.26E-10	4.13E-10	1.99E-11	4.81E-10	1.06E-10	1.40E-10	2.22E-10	3.91E-11	2.17E-10	1.22E-09
1422	495111.06	3858401.99	1.67E-06	1.65E-06	1.60E-06	5.78E-10	1.75E-09	1.01E-09	9.98E-10	9.05E-10	4.13E-10	4.01E-10	1.93E-11	4.67E-10	1.03E-10	1.35E-10	2.15E-10	3.79E-11	2.10E-10	1.19E-09
1423	495161.06	3858401.99	1.65E-06	1.63E-06	1.58E-06	5.72E-10	1.73E-09	1.00E-09	9.87E-10	8.95E-10	4.08E-10	3.97E-10	1.91E-11	4.62E-10	1.02E-10	1.34E-10	2.13E-10	3.75E-11	2.08E-10	1.17E-09
1424	495211.06	3858401.99	1.61E-06	1.59E-06	1.54E-06	5.57E-10	1.68E-09	9.73E-10	9.60E-10	8.71E-10	3.97E-10	3.86E-10	1.86E-11	4.49E-10	9.91E-11	1.30E-10	2.07E-10	3.65E-11	2.02E-10	1.14E-09

1425	495261.06	3858401.99	1.58E-06	1.56E-06	1.51E-06	5.47E-10	1.65E-09	9.56E-10	9.43E-10	8.55E-10	3.90E-10	3.79E-10	1.83E-11	4.41E-10	9.73E-11	1.28E-10	2.03E-10	3.58E-11	1.99E-10	1.12E-09
1426	495311.06	3858401.99	1.55E-06	1.53E-06	1.49E-06	5.37E-10	1.62E-09	9.38E-10	9.26E-10	8.39E-10	3.83E-10	3.72E-10	1.79E-11	4.33E-10	9.55E-11	1.26E-10	1.99E-10	3.51E-11	1.95E-10	1.10E-09
1427	495361.06	3858401.99	1.53E-06	1.51E-06	1.46E-06	5.29E-10	1.60E-09	9.24E-10	9.12E-10	8.27E-10	3.77E-10	3.66E-10	1.77E-11	4.26E-10	9.41E-11	1.24E-10	1.96E-10	3.46E-11	1.92E-10	1.09E-09
1428	495411.06	3858401.99	1.51E-06	1.49E-06	1.45E-06	5.23E-10	1.58E-09	9.14E-10	9.02E-10	8.18E-10	3.73E-10	3.62E-10	1.75E-11	4.22E-10	9.31E-11	1.23E-10	1.94E-10	3.43E-11	1.90E-10	1.07E-09
1429	495461.06	3858401.99	1.50E-06	1.48E-06	1.43E-06	5.18E-10	1.56E-09	9.06E-10	8.94E-10	8.10E-10	3.70E-10	3.59E-10	1.73E-11	4.18E-10	9.22E-11	1.21E-10	1.93E-10	3.39E-11	1.88E-10	1.06E-09
1430	495511.06	3858401.99	1.48E-06	1.46E-06	1.42E-06	5.13E-10	1.55E-09	8.96E-10	8.85E-10	8.02E-10	3.66E-10	3.55E-10	1.71E-11	4.14E-10	9.13E-11	1.20E-10	1.91E-10	3.36E-11	1.87E-10	1.05E-09
1431	495561.06	3858401.99	1.46E-06	1.44E-06	1.40E-06	5.04E-10	1.52E-09	8.81E-10	8.70E-10	7.89E-10	3.60E-10	3.49E-10	1.68E-11	4.07E-10	8.97E-11	1.18E-10	1.87E-10	3.30E-11	1.83E-10	1.04E-09
1432	495611.06	3858401.99	1.44E-06	1.42E-06	1.38E-06	5.00E-10	1.51E-09	8.73E-10	8.62E-10	7.81E-10	3.56E-10	3.46E-10	1.67E-11	4.03E-10	8.89E-11	1.17E-10	1.86E-10	3.27E-11	1.82E-10	1.03E-09
1433	495661.06	3858401.99	1.44E-06	1.42E-06	1.38E-06	4.99E-10	1.51E-09	8.72E-10	8.61E-10	7.80E-10	3.56E-10	3.46E-10	1.67E-11	4.02E-10	8.88E-11	1.17E-10	1.85E-10	3.27E-11	1.81E-10	1.02E-09
1434	494311.06	3858451.99	2.33E-06	2.30E-06	2.23E-06	8.05E-10	2.43E-09	1.41E-09	1.39E-09	1.26E-09	5.75E-10	5.58E-10	2.69E-11	6.50E-10	1.43E-10	1.89E-10	2.99E-10	5.27E-11	2.93E-10	1.65E-09
1435	494361.06	3858451.99	2.28E-06	2.25E-06	2.18E-06	7.89E-10	2.38E-09	1.38E-09	1.36E-09	1.23E-09	5.63E-10	5.46E-10	2.63E-11	6.36E-10	1.40E-10	1.85E-10	2.93E-10	5.16E-11	2.87E-10	1.62E-09
1436	494411.06	3858451.99	2.24E-06	2.21E-06	2.14E-06	7.74E-10	2.34E-09	1.35E-09	1.33E-09	1.21E-09	5.52E-10	5.36E-10	2.58E-11	6.24E-10	1.38E-10	1.81E-10	2.88E-10	5.07E-11	2.81E-10	1.59E-09
1437	494461.06	3858451.99	2.20E-06	2.17E-06	2.11E-06	7.61E-10	2.30E-09	1.33E-09	1.31E-09	1.19E-09	5.43E-10	5.27E-10	2.54E-11	6.13E-10	1.35E-10	1.78E-10	2.83E-10	4.98E-11	2.77E-10	1.56E-09
1438	494511.06	3858451.99	2.17E-06	2.14E-06	2.08E-06	7.51E-10	2.27E-09	1.31E-09	1.30E-09	1.17E-09	5.36E-10	5.20E-10	2.51E-11	6.06E-10	1.34E-10	1.76E-10	2.79E-10	4.92E-11	2.73E-10	1.54E-09
1439	494561.06	3858451.99	2.12E-06	2.10E-06	2.04E-06	7.36E-10	2.22E-09	1.29E-09	1.27E-09	1.15E-09	5.25E-10	5.10E-10	2.46E-11	5.93E-10	1.31E-10	1.72E-10	2.73E-10	4.82E-11	2.67E-10	1.51E-09
1440	494611.06	3858451.99	2.09E-06	2.06E-06	2.00E-06	7.23E-10	2.18E-09	1.26E-09	1.25E-09	1.13E-09	5.16E-10	5.01E-10	2.41E-11	5.83E-10	1.29E-10	1.69E-10	2.69E-10	4.74E-11	2.63E-10	1.48E-09
1441	494661.06	3858451.99	2.05E-06	2.03E-06	1.97E-06	7.10E-10	2.14E-09	1.24E-09	1.23E-09	1.11E-09	5.07E-10	4.92E-10	2.37E-11	5.73E-10	1.26E-10	1.66E-10	2.64E-10	4.65E-11	2.58E-10	1.46E-09
1442	494711.06	3858451.99	2.01E-06	1.98E-06	1.93E-06	6.95E-10	2.10E-09	1.22E-09	1.20E-09	1.09E-09	4.96E-10	4.82E-10	2.32E-11	5.61E-10	1.24E-10	1.63E-10	2.58E-10	4.55E-11	2.53E-10	1.43E-09
1443	494761.06	3858451.99	1.97E-06	1.94E-06	1.88E-06	6.81E-10	2.06E-09	1.19E-09	1.17E-09	1.06E-09	4.86E-10	4.72E-10	2.27E-11	5.49E-10	1.21E-10	1.59E-10	2.53E-10	4.46E-11	2.48E-10	1.40E-09
1444	494811.06	3858451.99	1.93E-06	1.91E-06	1.85E-06	6.68E-10	2.02E-09	1.17E-09	1.15E-09	1.04E-09	4.77E-10	4.63E-10	2.23E-11	5.39E-10	1.19E-10	1.57E-10	2.48E-10	4.38E-11	2.43E-10	1.37E-09
1445	494861.06	3858451.99	1.89E-06	1.87E-06	1.81E-06	6.55E-10	1.98E-09	1.14E-09	1.13E-09	1.02E-09	4.67E-10	4.54E-10	2.19E-11	5.28E-10	1.17E-10	1.53E-10	2.43E-10	4.29E-11	2.38E-10	1.34E-09
1446	494911.06	3858451.99	1.84E-06	1.82E-06	1.77E-06	6.38E-10	1.93E-09	1.12E-09	1.10E-09	9.98E-10	4.55E-10	4.42E-10	2.13E-11	5.15E-10	1.14E-10	1.49E-10	2.37E-10	4.18E-11	2.32E-10	1.31E-09
1447	494961.06	3858451.99	1.81E-06	1.79E-06	1.73E-06	6.26E-10	1.89E-09	1.09E-09	1.08E-09	9.79E-10	4.47E-10	4.34E-10	2.09E-11	5.05E-10	1.11E-10	1.47E-10	2.33E-10	4.10E-11	2.28E-10	1.29E-09
1448	495011.06	3858451.99	1.77E-06	1.74E-06	1.69E-06	6.12E-10	1.85E-09	1.07E-09	1.06E-09	9.56E-10	4.36E-10	4.24E-10	2.04E-11	4.93E-10	1.09E-10	1.43E-10	2.27E-10	4.01E-11	2.22E-10	1.26E-09
1449	495061.06	3858451.99	1.74E-06	1.72E-06	1.67E-06	6.03E-10	1.82E-09	1.05E-09	1.04E-09	9.43E-10	4.30E-10	4.18E-10	2.01E-11	4.86E-10	1.07E-10	1.41E-10	2.24E-10	3.95E-11	2.19E-10	1.24E-09
1450	495111.06	3858451.99	1.70E-06	1.68E-06	1.63E-06	5.89E-10	1.78E-09	1.03E-09	1.02E-09	9.21E-10	4.20E-10	4.08E-10	1.97E-11	4.75E-10	1.05E-10	1.38E-10	2.19E-10	3.86E-11	2.14E-10	1.21E-09
1451	495161.06	3858451.99	1.66E-06	1.64E-06	1.59E-06	5.74E-10	1.73E-09	1.00E-09	9.91E-10	8.98E-10	4.10E-10	3.98E-10	1.92E-11	4.63E-10	1.02E-10	1.34E-10	2.13E-10	3.76E-11	2.09E-10	1.18E-09
1452	495211.06	3858451.99	1.62E-06	1.60E-06	1.55E-06	5.61E-10	1.69E-09	9.80E-10	9.67E-10	8.77E-10	4.00E-10	3.89E-10	1.87E-11	4.52E-10	9.98E-11	1.31E-10	2.08E-10	3.67E-11	2.04E-10	1.15E-09
1453	495261.06	3858451.99	1.59E-06	1.57E-06	1.53E-06	5.51E-10	1.66E-09	9.63E-10	9.51E-10	8.62E-10	3.93E-10	3.82E-10	1.84E-11	4.44E-10	9.81E-11	1.29E-10	2.05E-10	3.61E-11	2.00E-10	1.13E-09
1454	495311.06	3858451.99	1.57E-06	1.55E-06	1.50E-06	5.42E-10	1.64E-09	9.48E-10	9.36E-10	8.48E-10	3.87E-10	3.76E-10	1.81E-11	4.38E-10	9.66E-11	1.27E-10	2.02E-10	3.55E-11	1.97E-10	1.11E-09
1455	495361.06	3858451.99	1.55E-06	1.53E-06	1.48E-06	5.35E-10	1.62E-09	9.35E-10	9.23E-10	8.37E-10	3.82E-10	3.71E-10	1.79E-11	4.32E-10	9.52E-11	1.25E-10	1.99E-10	3.50E-11	1.95E-10	1.10E-09
1456	495411.06	3858451.99	1.53E-06	1.51E-06	1.47E-06	5.30E-10	1.60E-09	9.26E-10	9.14E-10	8.29E-10	3.78E-10	3.67E-10	1.77E-11	4.27E-10	9.43E-11	1.24E-10	1.97E-10	3.47E-11	1.93E-10	1.09E-09
1457	495461.06	3858451.99	1.52E-06	1.50E-06	1.45E-06	5.25E-10	1.59E-09	9.18E-10	9.06E-10	8.22E-10	3.75E-10	3.64E-10	1.75E-11	4.24E-10	9.35E-11	1.23E-10	1.95E-10	3.44E-11	1.91E-10	1.08E-09
1458	495511.06	3858451.99	1.49E-06	1.47E-06	1.43E-06	5.17E-10	1.56E-09	9.04E-10	8.92E-10	8.09E-10	3.69E-10	3.58E-10	1.73E-11	4.17E-10	9.21E-11	1.21E-10	1.92E-10	3.39E-11	1.88E-10	1.06E-09
1459	495561.06	3858451.99	1.49E-06	1.47E-06	1.43E-06	5.15E-10	1.56E-09	9.00E-10	8.88E-10	8.05E-10	3.68E-10	3.57E-10	1.72E-11	4.15E-10	9.17E-11	1.21E-10	1.91E-10	3.37E-11	1.87E-10	1.06E-09
1460	495611.06	3858451.99	1.46E-06	1.44E-06	1.40E-06	5.06E-10	1.53E-09	8.84E-10	8.73E-10	7.91E-10	3.61E-10	3.51E-10	1.69E-11	4.08E-10	9.01E-11	1.19E-10	1.88E-10	3.31E-11	1.84E-10	1.04E-09
1461	495661.06	3858451.99	1.45E-06	1.43E-06	1.39E-06	5.03E-10	1.52E-09	8.78E-10	8.67E-10	7.86E-10	3.59E-10	3.48E-10	1.68E-11	4.05E-10	8.94E-11	1.18E-10	1.87E-10	3.29E-11	1.83E-10	1.03E-09
1462	494311.06	3858501.99	2.32E-06	2.29E-06	2.23E-06	8.04E-10	2.43E-09	1.41E-09	1.39E-09	1.26E-09	5.74E-10	5.57E-10	2.69E-11	6.49E-10	1.43E-10	1.88E-10	2.99E-10	5.27E-11	2.92E-10	1.65E-09
1463	494361.06	3858501.99	2.29E-06	2.26E-06	2.19E-06	7.92E-10	2.39E-09	1.38E-09	1.37E-09	1.24E-09	5.65E-10	5.48E-10	2.64E-11	6.38E-10	1.41E-10	1.85E-10	2.94E-10	5.18E-11	2.88E-10	1.62E-09
1464	494411.06	3858501.99	2.25E-06	2.22E-06	2.15E-06	7.78E-10	2.35E-09	1.36E-09	1.34E-09	1.22E-09	5.55E-10	5.39E-10	2.60E-11	6.27E-10	1.38E-10	1.82E-10	2.89E-10	5.09E-11	2.83E-10	1.60E-09
1465	494461.06	3858501.99	2.22E-06	2.19E-06	2.13E-06	7.68E-10	2.32E-09	1.34E-09	1.32E-09	1.20E-09	5.48E-10	5.32E-10	2.56E-11	6.19E-10	1.37E-10	1.80E-10	2.85E-10	5.03E-11	2.79E-10	1.58E-09
1466	494511.06	3858501.99	2.17E-06	2.14E-06	2.08E-06	7.51E-10	2.27E-09	1.31E-09	1.30E-09	1.17E-09	5.36E-10	5.21E-10	2.51E-11	6.06E-10	1.34E-10	1.76E-10	2.79E-10	4.92E-11	2.73E-10	1.54E-09
1467	494561.06	3858501.99	2.16E-06	2.13E-06	2.07E-06	7.48E-10	2.26E-09	1.31E-09	1.29E-09	1.17E-09	5.33E-10	5.18E-10	2.50E-11	6.03E-10	1.33E-10	1.75E-10	2.78E-10	4.90E-11	2.72E-10	1.53E-09
1468	494611.06	3858501.99	2.12E-06	2.09E-06	2.03E-06	7.33E-10	2.21E-09	1.28E-09	1.27E-09	1.15E-09	5.23E-10	5.08E-10	2.45E-11	5.92E-10	1.31E-10	1.72E-10	2.72E-10	4.80E-11	2.67E-10	1.51E-09
1469	494661.06	3858501.99	2.09E-06	2.06E-06	2.00E-06	7.23E-10	2.18E-09	1.26E-09	1.25E-09	1.13E-09	5.16E-10	5.01E-10	2.41E-11	5.83E-10	1.29E-10	1.69E-10	2.69E-10	4.73E-11	2.63E-10	1.48E-09
1470	494711.06	3858501.99	2.04E-06	2.02E-06	1.96E-06	7.07E-10	2.14E-09	1.24E-09	1.22E-09	1.11E-09	5.05E-10	4.90E-10	2.36E-11	5.71E-10	1.26E-10	1.66E-10	2.63E-10	4.63E-11	2.57E-10	1.45E-09
1471	494761.06	3858501.99	2.00E-06	1.97E-06	1.91E-06	6.91E-10	2.09E-09	1.21E-09	1.19E-09	1.08E-09	4.93E-10	4.79E-10	2.31E-11	5.57E-10	1.23E-10	1.62E-10	2.57E-10	4.52E-11	2.51E-10	1.42E-09
1472	494811.06	3858501.99	1.95E-06	1.93E-06	1.87E-06	6.75E-10	2.04E-09	1.18E-09	1.17E-09	1.06E-09	4.82E-10	4.68E-10	2.26E-11	5.45E-10	1.20E-10	1.58E-10	2.51E-10	4.42E-11	2.46E-10	1.39E-09
1473	494861.06	3858501.99	1.92E-06	1.89E-06	1.84E-06	6.64E-10	2.00E-09	1.16E-09	1.15E-09	1.04E-09	4.74E-10	4.60E-10	2.22E-11	5.35E-10	1.18E-10	1.55E-10	2.47E-10	4.35E-11	2.41E-10	1.36E-09
1474	494911.06	3858501.99	1.86E-06	1.84E-06	1.79E-06	6.45E-10	1.95E-09	1.13E-09	1.11E-09	1.01E-09	4.60E-10	4.47E-10	2.15E-11	5.20E-10	1.15E-10	1.51E-10	2.40E-10	4.22E-11	2.35E-10	1.32E-09
1475	494961.06	3858501.99	1.83E-06	1.81E-06	1.75E-06	6.34E-10	1.91E-09	1.11E-09	1.09E-09	9.91E-10	4.52E-10	4.39E-10	2.12E-11	5.11E-10	1.13E-10	1.48E-10	2.36E-10	4.15E-11	2.30E-10	1.30E-09
1476	495011.06	3858501.99	1.78E-06	1.76E-06	1.71E-06	6.18E-10	1.87E-09	1.08E-09	1.07E-09	9.66E-10	4.41E-10	4.28E-10	2.06E-11	4.98E-10	1.10E-10	1.45E-10	2.30E-10	4.05E-11	2.25E-10	1.27E-09
1477	495061.06	3858501.99	1.76E-06	1.74E-06	1.69E-06	6.09E-10	1.84E-09	1.06E-09	1.05E-09	9.53E-10	4.35E-10	4.22E-10	2.03E-11	4.91E-10	1.08E-10	1.43E-10	2.26E-10	3.99E-11	2.21E-10	1.25E-09

1478	495111.06	3858501.99	1.71E-06	1.68E-06	1.63E-06	5.90E-10	1.78E-09	1.03E-09	1.02E-09	9.23E-10	4.21E-10	4.09E-10	1.97E-11	4.76E-10	1.05E-10	1.38E-10	2.19E-10	3.87E-11	2.15E-10	1.21E-09
1479	495161.06	3858501.99	1.67E-06	1.65E-06	1.60E-06	5.78E-10	1.74E-09	1.01E-09	9.97E-10	9.03E-10	4.12E-10	4.00E-10	1.93E-11	4.66E-10	1.03E-10	1.35E-10	2.15E-10	3.78E-11	2.10E-10	1.19E-09
1480	495211.06	3858501.99	1.63E-06	1.61E-06	1.57E-06	5.65E-10	1.71E-09	9.88E-10	9.75E-10	8.84E-10	4.03E-10	3.92E-10	1.89E-11	4.56E-10	1.01E-10	1.32E-10	2.10E-10	3.70E-11	2.06E-10	1.16E-09
1481	495261.06	3858501.99	1.61E-06	1.58E-06	1.54E-06	5.56E-10	1.68E-09	9.71E-10	9.59E-10	8.69E-10	3.97E-10	3.85E-10	1.86E-11	4.48E-10	9.89E-11	1.30E-10	2.06E-10	3.64E-11	2.02E-10	1.14E-09
1482	495311.06	3858501.99	1.59E-06	1.57E-06	1.52E-06	5.49E-10	1.66E-09	9.60E-10	9.47E-10	8.58E-10	3.92E-10	3.80E-10	1.83E-11	4.43E-10	9.77E-11	1.29E-10	2.04E-10	3.59E-11	2.00E-10	1.13E-09
1483	495361.06	3858501.99	1.57E-06	1.55E-06	1.50E-06	5.42E-10	1.64E-09	9.48E-10	9.36E-10	8.48E-10	3.87E-10	3.76E-10	1.81E-11	4.38E-10	9.66E-11	1.27E-10	2.02E-10	3.55E-11	1.97E-10	1.11E-09
1484	495411.06	3858501.99	1.55E-06	1.53E-06	1.49E-06	5.37E-10	1.62E-09	9.39E-10	9.27E-10	8.40E-10	3.83E-10	3.72E-10	1.79E-11	4.33E-10	9.56E-11	1.26E-10	2.00E-10	3.52E-11	1.95E-10	1.10E-09
1485	495461.06	3858501.99	1.54E-06	1.52E-06	1.47E-06	5.32E-10	1.61E-09	9.30E-10	9.18E-10	8.32E-10	3.80E-10	3.69E-10	1.78E-11	4.29E-10	9.47E-11	1.25E-10	1.98E-10	3.48E-11	1.93E-10	1.09E-09
1486	495511.06	3858501.99	1.52E-06	1.50E-06	1.46E-06	5.26E-10	1.59E-09	9.19E-10	9.07E-10	8.22E-10	3.75E-10	3.64E-10	1.76E-11	4.24E-10	9.36E-11	1.23E-10	1.95E-10	3.44E-11	1.91E-10	1.08E-09
1487	495561.06	3858501.99	1.51E-06	1.49E-06	1.45E-06	5.23E-10	1.58E-09	9.15E-10	9.03E-10	8.18E-10	3.73E-10	3.63E-10	1.75E-11	4.22E-10	9.31E-11	1.23E-10	1.94E-10	3.43E-11	1.90E-10	1.07E-09
1488	495611.06	3858501.99	1.49E-06	1.47E-06	1.43E-06	5.16E-10	1.56E-09	9.01E-10	8.89E-10	8.06E-10	3.68E-10	3.57E-10	1.72E-11	4.16E-10	9.18E-11	1.21E-10	1.92E-10	3.38E-11	1.87E-10	1.06E-09
1489	495661.06	3858501.99	1.48E-06	1.46E-06	1.42E-06	5.12E-10	1.54E-09	8.94E-10	8.83E-10	8.00E-10	3.65E-10	3.55E-10	1.71E-11	4.13E-10	9.11E-11	1.20E-10	1.90E-10	3.35E-11	1.86E-10	1.05E-09
1490	494311.06	3858551.99	2.27E-06	2.24E-06	2.18E-06	7.87E-10	2.38E-09	1.38E-09	1.36E-09	1.23E-09	5.61E-10	5.45E-10	2.63E-11	6.35E-10	1.40E-10	1.84E-10	2.92E-10	5.15E-11	2.86E-10	1.62E-09
1491	494361.06	3858551.99	2.27E-06	2.24E-06	2.18E-06	7.87E-10	2.38E-09	1.37E-09	1.36E-09	1.23E-09	5.61E-10	5.45E-10	2.63E-11	6.34E-10	1.40E-10	1.84E-10	2.92E-10	5.15E-11	2.86E-10	1.61E-09
1492	494411.06	3858551.99	2.27E-06	2.24E-06	2.18E-06	7.87E-10	2.37E-09	1.37E-09	1.36E-09	1.23E-09	5.61E-10	5.45E-10	2.63E-11	6.34E-10	1.40E-10	1.84E-10	2.92E-10	5.15E-11	2.86E-10	1.61E-09
1493	494461.06	3858551.99	2.25E-06	2.22E-06	2.16E-06	7.80E-10	2.35E-09	1.36E-09	1.34E-09	1.22E-09	5.56E-10	5.40E-10	2.60E-11	6.29E-10	1.39E-10	1.83E-10	2.90E-10	5.10E-11	2.83E-10	1.60E-09
1494	494511.06	3858551.99	2.22E-06	2.19E-06	2.13E-06	7.68E-10	2.32E-09	1.34E-09	1.33E-09	1.20E-09	5.48E-10	5.32E-10	2.57E-11	6.20E-10	1.37E-10	1.80E-10	2.86E-10	5.03E-11	2.79E-10	1.58E-09
1495	494561.06	3858551.99	2.19E-06	2.16E-06	2.10E-06	7.59E-10	2.29E-09	1.33E-09	1.31E-09	1.19E-09	5.41E-10	5.26E-10	2.53E-11	6.12E-10	1.35E-10	1.78E-10	2.82E-10	4.97E-11	2.76E-10	1.56E-09
1496	494611.06	3858551.99	2.16E-06	2.13E-06	2.07E-06	7.46E-10	2.25E-09	1.30E-09	1.29E-09	1.17E-09	5.33E-10	5.17E-10	2.49E-11	6.02E-10	1.33E-10	1.75E-10	2.77E-10	4.89E-11	2.71E-10	1.53E-09
1497	494661.06	3858551.99	2.12E-06	2.10E-06	2.04E-06	7.35E-10	2.22E-09	1.29E-09	1.27E-09	1.15E-09	5.25E-10	5.09E-10	2.46E-11	5.93E-10	1.31E-10	1.72E-10	2.73E-10	4.81E-11	2.67E-10	1.51E-09
1498	494711.06	3858551.99	2.08E-06	2.05E-06	1.99E-06	7.18E-10	2.17E-09	1.26E-09	1.24E-09	1.12E-09	5.13E-10	4.98E-10	2.40E-11	5.79E-10	1.28E-10	1.68E-10	2.67E-10	4.70E-11	2.61E-10	1.47E-09
1499	494761.06	3858551.99	2.03E-06	2.00E-06	1.94E-06	7.02E-10	2.12E-09	1.23E-09	1.21E-09	1.10E-09	5.01E-10	4.86E-10	2.34E-11	5.66E-10	1.25E-10	1.64E-10	2.61E-10	4.60E-11	2.55E-10	1.44E-09
1500	494811.06	3858551.99	1.99E-06	1.96E-06	1.91E-06	6.89E-10	2.08E-09	1.20E-09	1.19E-09	1.08E-09	4.91E-10	4.77E-10	2.30E-11	5.56E-10	1.23E-10	1.61E-10	2.56E-10	4.51E-11	2.50E-10	1.41E-09
1501	494861.06	3858551.99	1.94E-06	1.92E-06	1.86E-06	6.73E-10	2.03E-09	1.18E-09	1.16E-09	1.05E-09	4.80E-10	4.66E-10	2.25E-11	5.43E-10	1.20E-10	1.58E-10	2.50E-10	4.41E-11	2.45E-10	1.38E-09
1502	494911.06	3858551.99	1.89E-06	1.87E-06	1.82E-06	6.56E-10	1.98E-09	1.15E-09	1.13E-09	1.03E-09	4.68E-10	4.54E-10	2.19E-11	5.29E-10	1.17E-10	1.54E-10	2.44E-10	4.29E-11	2.38E-10	1.35E-09
1503	494961.06	3858551.99	1.85E-06	1.83E-06	1.78E-06	6.42E-10	1.94E-09	1.12E-09	1.11E-09	1.00E-09	4.58E-10	4.45E-10	2.14E-11	5.17E-10	1.14E-10	1.50E-10	2.38E-10	4.20E-11	2.33E-10	1.32E-09
1504	495011.06	3858551.99	1.80E-06	1.78E-06	1.73E-06	6.25E-10	1.89E-09	1.09E-09	1.08E-09	9.77E-10	4.46E-10	4.33E-10	2.09E-11	5.04E-10	1.11E-10	1.46E-10	2.32E-10	4.09E-11	2.27E-10	1.28E-09
1505	495061.06	3858551.99	1.77E-06	1.75E-06	1.70E-06	6.14E-10	1.85E-09	1.07E-09	1.06E-09	9.59E-10	4.38E-10	4.25E-10	2.05E-11	4.95E-10	1.09E-10	1.44E-10	2.28E-10	4.02E-11	2.23E-10	1.26E-09
1506	495111.06	3858551.99	1.72E-06	1.70E-06	1.65E-06	5.95E-10	1.80E-09	1.04E-09	1.03E-09	9.30E-10	4.25E-10	4.12E-10	1.99E-11	4.80E-10	1.06E-10	1.39E-10	2.21E-10	3.90E-11	2.16E-10	1.22E-09
1507	495161.06	3858551.99	1.68E-06	1.66E-06	1.61E-06	5.82E-10	1.76E-09	1.02E-09	1.00E-09	9.10E-10	4.15E-10	4.03E-10	1.94E-11	4.69E-10	1.04E-10	1.36E-10	2.16E-10	3.81E-11	2.12E-10	1.19E-09
1508	495211.06	3858551.99	1.65E-06	1.63E-06	1.58E-06	5.70E-10	1.72E-09	9.97E-10	9.84E-10	8.92E-10	4.07E-10	3.95E-10	1.91E-11	4.60E-10	1.02E-10	1.34E-10	2.12E-10	3.74E-11	2.07E-10	1.17E-09
1509	495261.06	3858551.99	1.62E-06	1.60E-06	1.55E-06	5.62E-10	1.70E-09	9.82E-10	9.69E-10	8.78E-10	4.01E-10	3.89E-10	1.88E-11	4.53E-10	1.00E-10	1.32E-10	2.09E-10	3.68E-11	2.04E-10	1.15E-09
1510	495311.06	3858551.99	1.61E-06	1.58E-06	1.54E-06	5.56E-10	1.68E-09	9.71E-10	9.59E-10	8.69E-10	3.97E-10	3.85E-10	1.86E-11	4.48E-10	9.89E-11	1.30E-10	2.07E-10	3.64E-11	2.02E-10	1.14E-09
1511	495361.06	3858551.99	1.59E-06	1.57E-06	1.52E-06	5.49E-10	1.66E-09	9.60E-10	9.48E-10	8.59E-10	3.92E-10	3.81E-10	1.83E-11	4.43E-10	9.78E-11	1.29E-10	2.04E-10	3.60E-11	2.00E-10	1.13E-09
1512	495411.06	3858551.99	1.57E-06	1.55E-06	1.51E-06	5.45E-10	1.65E-09	9.53E-10	9.40E-10	8.52E-10	3.89E-10	3.78E-10	1.82E-11	4.40E-10	9.70E-11	1.28E-10	2.03E-10	3.57E-11	1.98E-10	1.12E-09
1513	495461.06	3858551.99	1.56E-06	1.54E-06	1.49E-06	5.39E-10	1.63E-09	9.43E-10	9.31E-10	8.44E-10	3.85E-10	3.74E-10	1.80E-11	4.35E-10	9.60E-11	1.26E-10	2.00E-10	3.53E-11	1.96E-10	1.11E-09
1514	495511.06	3858551.99	1.55E-06	1.53E-06	1.48E-06	5.35E-10	1.62E-09	9.36E-10	9.24E-10	8.37E-10	3.82E-10	3.71E-10	1.79E-11	4.32E-10	9.53E-11	1.25E-10	1.99E-10	3.51E-11	1.95E-10	1.10E-09
1515	495561.06	3858551.99	1.53E-06	1.51E-06	1.47E-06	5.30E-10	1.60E-09	9.26E-10	9.14E-10	8.29E-10	3.78E-10	3.67E-10	1.77E-11	4.27E-10	9.43E-11	1.24E-10	1.97E-10	3.47E-11	1.93E-10	1.09E-09
1516	495611.06	3858551.99	1.51E-06	1.49E-06	1.45E-06	5.24E-10	1.58E-09	9.15E-10	9.03E-10	8.19E-10	3.74E-10	3.63E-10	1.75E-11	4.22E-10	9.32E-11	1.23E-10	1.95E-10	3.43E-11	1.90E-10	1.08E-09
1517	495661.06	3858551.99	1.49E-06	1.47E-06	1.43E-06	5.17E-10	1.56E-09	9.04E-10	8.92E-10	8.09E-10	3.69E-10	3.58E-10	1.73E-11	4.17E-10	9.20E-11	1.21E-10	1.92E-10	3.39E-11	1.88E-10	1.06E-09
1518	494311.06	3858601.99	2.15E-06	2.12E-06	2.06E-06	7.43E-10	2.24E-09	1.30E-09	1.28E-09	1.16E-09	5.30E-10	5.15E-10	2.48E-11	6.00E-10	1.32E-10	1.74E-10	2.76E-10	4.87E-11	2.70E-10	1.53E-09
1519	494361.06	3858601.99	2.24E-06	2.21E-06	2.15E-06	7.76E-10	2.34E-09	1.36E-09	1.34E-09	1.21E-09	5.54E-10	5.38E-10	2.59E-11	6.26E-10	1.38E-10	1.82E-10	2.88E-10	5.08E-11	2.82E-10	1.59E-09
1520	494411.06	3858601.99	2.31E-06	2.28E-06	2.22E-06	8.00E-10	2.42E-09	1.40E-09	1.38E-09	1.25E-09	5.71E-10	5.55E-10	2.67E-11	6.46E-10	1.42E-10	1.87E-10	2.97E-10	5.24E-11	2.91E-10	1.64E-09
1521	494461.06	3858601.99	2.29E-06	2.26E-06	2.19E-06	7.93E-10	2.39E-09	1.39E-09	1.37E-09	1.24E-09	5.66E-10	5.49E-10	2.65E-11	6.39E-10	1.41E-10	1.86E-10	2.95E-10	5.19E-11	2.88E-10	1.63E-09
1522	494511.06	3858601.99	2.24E-06	2.21E-06	2.15E-06	7.75E-10	2.34E-09	1.35E-09	1.34E-09	1.21E-09	5.53E-10	5.37E-10	2.59E-11	6.25E-10	1.38E-10	1.82E-10	2.88E-10	5.08E-11	2.82E-10	1.59E-09
1523	494561.06	3858601.99	2.23E-06	2.21E-06	2.14E-06	7.74E-10	2.34E-09	1.35E-09	1.33E-09	1.21E-09	5.52E-10	5.36E-10	2.58E-11	6.24E-10	1.38E-10	1.81E-10	2.87E-10	5.07E-11	2.81E-10	1.59E-09
1524	494611.06	3858601.99	2.19E-06	2.16E-06	2.10E-06	7.58E-10	2.29E-09	1.33E-09	1.31E-09	1.19E-09	5.41E-10	5.25E-10	2.53E-11	6.12E-10	1.35E-10	1.78E-10	2.82E-10	4.97E-11	2.76E-10	1.56E-09
1525	494661.06	3858601.99	2.16E-06	2.13E-06	2.07E-06	7.46E-10	2.25E-09	1.30E-09	1.29E-09	1.17E-09	5.32E-10	5.17E-10	2.49E-11	6.02E-10	1.33E-10	1.75E-10	2.77E-10	4.89E-11	2.71E-10	1.53E-09
1526	494711.06	3858601.99	2.11E-06	2.08E-06	2.02E-06	7.30E-10	2.20E-09	1.28E-09	1.26E-09	1.14E-09	5.21E-10	5.06E-10	2.44E-11	5.89E-10	1.30E-10	1.71E-10	2.71E-10	4.78E-11	2.66E-10	1.50E-09
1527	494761.06	3858601.99	2.06E-06	2.04E-06	1.98E-06	7.14E-10	2.16E-09	1.25E-09	1.23E-09	1.12E-09	5.10E-10	4.95E-10	2.39E-11	5.76E-10	1.27E-10	1.67E-10	2.65E-10	4.68E-11	2.60E-10	1.47E-09
1528	494811.06	3858601.99	2.00E-06	1.98E-06	1.92E-06	6.93E-10	2.09E-09	1.21E-09	1.20E-09	1.08E-09	4.95E-10	4.80E-10	2.31E-11	5.59E-10	1.23E-10	1.62E-10	2.58E-10	4.54E-11	2.52E-10	1.42E-09
1529	494861.06	3858601.99	1.97E-06	1.94E-06	1.88E-06	6.80E-10	2.05E-09	1.19E-09	1.17E-09	1.06E-09	4.85E-10	4.71E-10	2.27E-11	5.49E-10	1.21E-10	1.59E-10	2.53E-10	4.45E-11	2.47E-10	1.40E-09
1530	494911.06	3858601.99	1.91E-06	1.88E-06	1.83E-06	6.61E-10	2.00E-09	1.16E-09	1.14E-09	1.03E-09	4.72E-10	4.58E-10	2.21E-11	5.33E-10	1.18E-10	1.55E-10	2.46E-10	4.33E-11	2.40E-10	1.36E-09

1531	494961.06	3858601.99	1.87E-06	1.84E-06	1.79E-06	6.47E-10	1.95E-09	1.13E-09	1.12E-09	1.01E-09	4.61E-10	4.48E-10	2.16E-11	5.22E-10	1.15E-10	1.51E-10	2.40E-10	4.24E-11	2.35E-10	1.33E-09
1532	495011.06	3858601.99	1.83E-06	1.80E-06	1.75E-06	6.32E-10	1.91E-09	1.11E-09	1.09E-09	9.89E-10	4.51E-10	4.38E-10	2.11E-11	5.10E-10	1.13E-10	1.48E-10	2.35E-10	4.14E-11	2.30E-10	1.30E-09
1533	495061.06	3858601.99	1.78E-06	1.76E-06	1.71E-06	6.18E-10	1.86E-09	1.08E-09	1.07E-09	9.66E-10	4.41E-10	4.28E-10	2.06E-11	4.98E-10	1.10E-10	1.45E-10	2.29E-10	4.04E-11	2.25E-10	1.27E-09
1534	495111.06	3858601.99	1.73E-06	1.70E-06	1.66E-06	5.98E-10	1.81E-09	1.05E-09	1.03E-09	9.35E-10	4.27E-10	4.14E-10	2.00E-11	4.82E-10	1.06E-10	1.40E-10	2.22E-10	3.92E-11	2.17E-10	1.23E-09
1535	495161.06	3858601.99	1.69E-06	1.67E-06	1.62E-06	5.86E-10	1.77E-09	1.02E-09	1.01E-09	9.17E-10	4.18E-10	4.06E-10	1.96E-11	4.73E-10	1.04E-10	1.37E-10	2.18E-10	3.84E-11	2.13E-10	1.20E-09
1536	495211.06	3858601.99	1.67E-06	1.65E-06	1.60E-06	5.78E-10	1.74E-09	1.01E-09	9.97E-10	9.03E-10	4.12E-10	4.00E-10	1.93E-11	4.66E-10	1.03E-10	1.35E-10	2.15E-10	3.78E-11	2.10E-10	1.19E-09
1537	495261.06	3858601.99	1.64E-06	1.62E-06	1.57E-06	5.69E-10	1.72E-09	9.94E-10	9.81E-10	8.89E-10	4.06E-10	3.94E-10	1.90E-11	4.59E-10	1.01E-10	1.33E-10	2.11E-10	3.72E-11	2.07E-10	1.17E-09
1538	495311.06	3858601.99	1.62E-06	1.60E-06	1.55E-06	5.61E-10	1.69E-09	9.81E-10	9.68E-10	8.77E-10	4.00E-10	3.89E-10	1.87E-11	4.53E-10	9.99E-11	1.31E-10	2.08E-10	3.67E-11	2.04E-10	1.15E-09
1539	495361.06	3858601.99	1.61E-06	1.58E-06	1.54E-06	5.56E-10	1.68E-09	9.71E-10	9.59E-10	8.69E-10	3.97E-10	3.85E-10	1.86E-11	4.48E-10	9.89E-11	1.30E-10	2.06E-10	3.64E-11	2.02E-10	1.14E-09
1540	495411.06	3858601.99	1.59E-06	1.57E-06	1.52E-06	5.50E-10	1.66E-09	9.62E-10	9.50E-10	8.61E-10	3.93E-10	3.81E-10	1.84E-11	4.44E-10	9.80E-11	1.29E-10	2.05E-10	3.60E-11	2.00E-10	1.13E-09
1541	495461.06	3858601.99	1.58E-06	1.56E-06	1.51E-06	5.46E-10	1.65E-09	9.54E-10	9.42E-10	8.54E-10	3.89E-10	3.78E-10	1.82E-11	4.40E-10	9.72E-11	1.28E-10	2.03E-10	3.57E-11	1.98E-10	1.12E-09
1542	495511.06	3858601.99	1.56E-06	1.54E-06	1.49E-06	5.39E-10	1.63E-09	9.41E-10	9.29E-10	8.42E-10	3.84E-10	3.73E-10	1.80E-11	4.34E-10	9.58E-11	1.26E-10	2.00E-10	3.53E-11	1.96E-10	1.11E-09
1543	495561.06	3858601.99	1.55E-06	1.53E-06	1.48E-06	5.35E-10	1.62E-09	9.35E-10	9.23E-10	8.37E-10	3.82E-10	3.71E-10	1.79E-11	4.32E-10	9.52E-11	1.25E-10	1.99E-10	3.50E-11	1.95E-10	1.10E-09
1544	495611.06	3858601.99	1.52E-06	1.50E-06	1.46E-06	5.27E-10	1.59E-09	9.21E-10	9.09E-10	8.24E-10	3.76E-10	3.65E-10	1.76E-11	4.25E-10	9.38E-11	1.23E-10	1.96E-10	3.45E-11	1.92E-10	1.08E-09
1545	495661.06	3858601.99	1.51E-06	1.49E-06	1.45E-06	5.23E-10	1.58E-09	9.14E-10	9.02E-10	8.18E-10	3.73E-10	3.62E-10	1.75E-11	4.22E-10	9.31E-11	1.23E-10	1.94E-10	3.43E-11	1.90E-10	1.07E-09
1546	494311.06	3858651.99	2.11E-06	2.08E-06	2.02E-06	7.31E-10	2.21E-09	1.28E-09	1.26E-09	1.14E-09	5.22E-10	5.06E-10	2.44E-11	5.90E-10	1.30E-10	1.71E-10	2.72E-10	4.79E-11	2.66E-10	1.50E-09
1547	494361.06	3858651.99	2.20E-06	2.18E-06	2.11E-06	7.63E-10	2.30E-09	1.33E-09	1.32E-09	1.19E-09	5.44E-10	5.29E-10	2.55E-11	6.15E-10	1.36E-10	1.79E-10	2.83E-10	5.00E-11	2.77E-10	1.57E-09
1548	494411.06	3858651.99	2.32E-06	2.29E-06	2.22E-06	8.03E-10	2.42E-09	1.40E-09	1.38E-09	1.26E-09	5.73E-10	5.56E-10	2.68E-11	6.48E-10	1.43E-10	1.88E-10	2.98E-10	5.26E-11	2.92E-10	1.65E-09
1549	494461.06	3858651.99	2.32E-06	2.29E-06	2.22E-06	8.02E-10	2.42E-09	1.40E-09	1.38E-09	1.25E-09	5.73E-10	5.56E-10	2.68E-11	6.47E-10	1.43E-10	1.88E-10	2.98E-10	5.25E-11	2.92E-10	1.65E-09
1550	494511.06	3858651.99	2.29E-06	2.26E-06	2.19E-06	7.91E-10	2.39E-09	1.38E-09	1.36E-09	1.24E-09	5.64E-10	5.48E-10	2.64E-11	6.38E-10	1.41E-10	1.85E-10	2.94E-10	5.18E-11	2.88E-10	1.62E-09
1551	494561.06	3858651.99	2.26E-06	2.23E-06	2.17E-06	7.82E-10	2.36E-09	1.37E-09	1.35E-09	1.22E-09	5.58E-10	5.42E-10	2.61E-11	6.31E-10	1.39E-10	1.83E-10	2.91E-10	5.12E-11	2.85E-10	1.61E-09
1552	494611.06	3858651.99	2.23E-06	2.20E-06	2.14E-06	7.72E-10	2.33E-09	1.35E-09	1.33E-09	1.21E-09	5.51E-10	5.35E-10	2.58E-11	6.22E-10	1.37E-10	1.81E-10	2.87E-10	5.05E-11	2.81E-10	1.58E-09
1553	494661.06	3858651.99	2.19E-06	2.16E-06	2.10E-06	7.57E-10	2.29E-09	1.32E-09	1.31E-09	1.18E-09	5.40E-10	5.25E-10	2.53E-11	6.11E-10	1.35E-10	1.77E-10	2.81E-10	4.96E-11	2.75E-10	1.55E-09
1554	494711.06	3858651.99	2.14E-06	2.11E-06	2.05E-06	7.39E-10	2.23E-09	1.29E-09	1.28E-09	1.16E-09	5.27E-10	5.12E-10	2.47E-11	5.96E-10	1.32E-10	1.73E-10	2.75E-10	4.84E-11	2.69E-10	1.52E-09
1555	494761.06	3858651.99	2.09E-06	2.07E-06	2.01E-06	7.24E-10	2.19E-09	1.27E-09	1.25E-09	1.13E-09	5.17E-10	5.02E-10	2.42E-11	5.84E-10	1.29E-10	1.70E-10	2.69E-10	4.74E-11	2.63E-10	1.49E-09
1556	494811.06	3858651.99	2.04E-06	2.01E-06	1.95E-06	7.05E-10	2.13E-09	1.23E-09	1.22E-09	1.10E-09	5.03E-10	4.88E-10	2.35E-11	5.69E-10	1.25E-10	1.65E-10	2.62E-10	4.62E-11	2.56E-10	1.45E-09
1557	494861.06	3858651.99	1.98E-06	1.96E-06	1.90E-06	6.87E-10	2.07E-09	1.20E-09	1.19E-09	1.07E-09	4.90E-10	4.76E-10	2.29E-11	5.54E-10	1.22E-10	1.61E-10	2.55E-10	4.50E-11	2.50E-10	1.41E-09
1558	494911.06	3858651.99	1.93E-06	1.90E-06	1.85E-06	6.68E-10	2.02E-09	1.17E-09	1.15E-09	1.04E-09	4.77E-10	4.63E-10	2.23E-11	5.39E-10	1.19E-10	1.56E-10	2.48E-10	4.38E-11	2.43E-10	1.37E-09
1559	494961.06	3858651.99	1.88E-06	1.86E-06	1.80E-06	6.51E-10	1.97E-09	1.14E-09	1.12E-09	1.02E-09	4.65E-10	4.51E-10	2.17E-11	5.25E-10	1.16E-10	1.52E-10	2.42E-10	4.26E-11	2.37E-10	1.34E-09
1560	495011.06	3858651.99	1.84E-06	1.82E-06	1.76E-06	6.37E-10	1.92E-09	1.11E-09	1.10E-09	9.97E-10	4.55E-10	4.42E-10	2.13E-11	5.14E-10	1.13E-10	1.49E-10	2.37E-10	4.17E-11	2.32E-10	1.31E-09
1561	495061.06	3858651.99	1.80E-06	1.77E-06	1.72E-06	6.23E-10	1.88E-09	1.09E-09	1.07E-09	9.74E-10	4.44E-10	4.31E-10	2.08E-11	5.02E-10	1.11E-10	1.46E-10	2.31E-10	4.08E-11	2.26E-10	1.28E-09
1562	495111.06	3858651.99	1.75E-06	1.73E-06	1.68E-06	6.06E-10	1.83E-09	1.06E-09	1.05E-09	9.48E-10	4.32E-10	4.20E-10	2.02E-11	4.89E-10	1.08E-10	1.42E-10	2.25E-10	3.97E-11	2.20E-10	1.24E-09
1563	495161.06	3858651.99	1.72E-06	1.70E-06	1.65E-06	5.95E-10	1.80E-09	1.04E-09	1.03E-09	9.30E-10	4.24E-10	4.12E-10	1.99E-11	4.80E-10	1.06E-10	1.39E-10	2.21E-10	3.89E-11	2.16E-10	1.22E-09
1564	495211.06	3858651.99	1.68E-06	1.66E-06	1.61E-06	5.82E-10	1.76E-09	1.02E-09	1.00E-09	9.10E-10	4.15E-10	4.03E-10	1.94E-11	4.69E-10	1.04E-10	1.36E-10	2.16E-10	3.81E-11	2.12E-10	1.19E-09
1565	495261.06	3858651.99	1.66E-06	1.64E-06	1.60E-06	5.76E-10	1.74E-09	1.01E-09	9.94E-10	9.01E-10	4.11E-10	3.99E-10	1.92E-11	4.65E-10	1.03E-10	1.35E-10	2.14E-10	3.77E-11	2.10E-10	1.18E-09
1566	495311.06	3858651.99	1.64E-06	1.62E-06	1.57E-06	5.69E-10	1.72E-09	9.94E-10	9.81E-10	8.89E-10	4.06E-10	3.94E-10	1.90E-11	4.59E-10	1.01E-10	1.33E-10	2.11E-10	3.72E-11	2.07E-10	1.17E-09
1567	495361.06	3858651.99	1.63E-06	1.61E-06	1.56E-06	5.63E-10	1.70E-09	9.84E-10	9.71E-10	8.81E-10	4.02E-10	3.90E-10	1.88E-11	4.54E-10	1.00E-10	1.32E-10	2.09E-10	3.69E-11	2.05E-10	1.16E-09
1568	495411.06	3858651.99	1.61E-06	1.59E-06	1.55E-06	5.59E-10	1.69E-09	9.76E-10	9.64E-10	8.74E-10	3.99E-10	3.87E-10	1.87E-11	4.51E-10	9.94E-11	1.31E-10	2.08E-10	3.66E-11	2.03E-10	1.15E-09
1569	495461.06	3858651.99	1.60E-06	1.58E-06	1.54E-06	5.56E-10	1.68E-09	9.71E-10	9.58E-10	8.69E-10	3.96E-10	3.85E-10	1.86E-11	4.48E-10	9.89E-11	1.30E-10	2.06E-10	3.64E-11	2.02E-10	1.14E-09
1570	495511.06	3858651.99	1.58E-06	1.56E-06	1.52E-06	5.47E-10	1.65E-09	9.57E-10	9.44E-10	8.56E-10	3.91E-10	3.79E-10	1.83E-11	4.42E-10	9.74E-11	1.28E-10	2.03E-10	3.58E-11	1.99E-10	1.12E-09
1571	495561.06	3858651.99	1.56E-06	1.54E-06	1.50E-06	5.41E-10	1.63E-09	9.45E-10	9.33E-10	8.46E-10	3.86E-10	3.75E-10	1.81E-11	4.36E-10	9.63E-11	1.27E-10	2.01E-10	3.54E-11	1.97E-10	1.11E-09
1572	495611.06	3858651.99	1.54E-06	1.52E-06	1.47E-06	5.32E-10	1.61E-09	9.30E-10	9.18E-10	8.32E-10	3.80E-10	3.69E-10	1.78E-11	4.29E-10	9.47E-11	1.25E-10	1.98E-10	3.48E-11	1.93E-10	1.09E-09
1573	495661.06	3858651.99	1.52E-06	1.50E-06	1.46E-06	5.28E-10	1.59E-09	9.23E-10	9.11E-10	8.25E-10	3.77E-10	3.66E-10	1.76E-11	4.26E-10	9.39E-11	1.24E-10	1.96E-10	3.46E-11	1.92E-10	1.08E-09
1574	494311.06	3858701.99	2.13E-06	2.10E-06	2.04E-06	7.36E-10	2.22E-09	1.29E-09	1.27E-09	1.15E-09	5.25E-10	5.10E-10	2.46E-11	5.94E-10	1.31E-10	1.72E-10	2.73E-10	4.82E-11	2.68E-10	1.51E-09
1575	494361.06	3858701.99	2.27E-06	2.24E-06	2.17E-06	7.84E-10	2.37E-09	1.37E-09	1.35E-09	1.23E-09	5.60E-10	5.43E-10	2.62E-11	6.32E-10	1.40E-10	1.84E-10	2.91E-10	5.13E-11	2.85E-10	1.61E-09
1576	494411.06	3858701.99	2.34E-06	2.31E-06	2.25E-06	8.12E-10	2.45E-09	1.42E-09	1.40E-09	1.27E-09	5.79E-10	5.62E-10	2.71E-11	6.55E-10	1.44E-10	1.90E-10	3.02E-10	5.31E-11	2.95E-10	1.67E-09
1577	494461.06	3858701.99	2.33E-06	2.30E-06	2.23E-06	8.07E-10	2.44E-09	1.41E-09	1.39E-09	1.26E-09	5.76E-10	5.59E-10	2.69E-11	6.51E-10	1.44E-10	1.89E-10	3.00E-10	5.28E-11	2.93E-10	1.66E-09
1578	494511.06	3858701.99	2.32E-06	2.29E-06	2.22E-06	8.01E-10	2.42E-09	1.40E-09	1.38E-09	1.25E-09	5.72E-10	5.55E-10	2.68E-11	6.46E-10	1.43E-10	1.88E-10	2.98E-10	5.25E-11	2.91E-10	1.65E-09
1579	494561.06	3858701.99	2.28E-06	2.25E-06	2.19E-06	7.91E-10	2.39E-09	1.38E-09	1.36E-09	1.24E-09	5.64E-10	5.48E-10	2.64E-11	6.38E-10	1.41E-10	1.85E-10	2.94E-10	5.18E-11	2.88E-10	1.62E-09
1580	494611.06	3858701.99	2.22E-06	2.19E-06	2.13E-06	7.69E-10	2.32E-09	1.34E-09	1.33E-09	1.20E-09	5.49E-10	5.33E-10	2.57E-11	6.20E-10	1.37E-10	1.80E-10	2.86E-10	5.04E-11	2.80E-10	1.58E-09
1581	494661.06	3858701.99	2.21E-06	2.18E-06	2.11E-06	7.64E-10	2.31E-09	1.33E-09	1.32E-09	1.19E-09	5.45E-10	5.29E-10	2.55E-11	6.16E-10	1.36E-10	1.79E-10	2.84E-10	5.00E-11	2.78E-10	1.57E-09
1582	494711.06	3858701.99	2.09E-06	2.06E-06	2.00E-06	7.24E-10	2.18E-09	1.26E-09	1.25E-09	1.13E-09	5.16E-10	5.01E-10	2.42E-11	5.84E-10	1.29E-10	1.69E-10	2.69E-10	4.74E-11	2.63E-10	1.49E-09
1583	494761.06	3858701.99	2.10E-06	2.07E-06	2.01E-06	7.27E-10	2.20E-09	1.27E-09	1.25E-09	1.14E-09	5.19E-10	5.04E-10	2.43E-11	5.86E-10	1.29E-10	1.70E-10	2.70E-10	4.76E-11	2.64E-10	1.49E-09

1584	494811.06	3858701.99	2.04E-06	2.02E-06	1.96E-06	7.07E-10	2.14E-09	1.24E-09	1.22E-09	1.11E-09	5.05E-10	4.90E-10	2.36E-11	5.71E-10	1.26E-10	1.66E-10	2.63E-10	4.63E-11	2.57E-10	1.45E-09
1585	494861.06	3858701.99	2.00E-06	1.97E-06	1.91E-06	6.91E-10	2.09E-09	1.21E-09	1.19E-09	1.08E-09	4.93E-10	4.79E-10	2.31E-11	5.58E-10	1.23E-10	1.62E-10	2.57E-10	4.53E-11	2.51E-10	1.42E-09
1586	494911.06	3858701.99	1.96E-06	1.93E-06	1.87E-06	6.77E-10	2.04E-09	1.18E-09	1.17E-09	1.06E-09	4.83E-10	4.69E-10	2.26E-11	5.46E-10	1.21E-10	1.59E-10	2.52E-10	4.43E-11	2.46E-10	1.39E-09
1587	494961.06	3858701.99	1.89E-06	1.86E-06	1.81E-06	6.53E-10	1.97E-09	1.14E-09	1.13E-09	1.02E-09	4.66E-10	4.52E-10	2.18E-11	5.27E-10	1.16E-10	1.53E-10	2.43E-10	4.27E-11	2.37E-10	1.34E-09
1588	495011.06	3858701.99	1.84E-06	1.82E-06	1.76E-06	6.37E-10	1.92E-09	1.11E-09	1.10E-09	9.96E-10	4.54E-10	4.41E-10	2.13E-11	5.14E-10	1.13E-10	1.49E-10	2.37E-10	4.17E-11	2.32E-10	1.31E-09
1589	495061.06	3858701.99	1.81E-06	1.79E-06	1.74E-06	6.28E-10	1.90E-09	1.10E-09	1.08E-09	9.82E-10	4.48E-10	4.35E-10	2.10E-11	5.06E-10	1.12E-10	1.47E-10	2.33E-10	4.11E-11	2.28E-10	1.29E-09
1590	495111.06	3858701.99	1.76E-06	1.74E-06	1.69E-06	6.10E-10	1.84E-09	1.07E-09	1.05E-09	9.54E-10	4.36E-10	4.23E-10	2.04E-11	4.92E-10	1.09E-10	1.43E-10	2.27E-10	4.00E-11	2.22E-10	1.25E-09
1591	495161.06	3858701.99	1.73E-06	1.71E-06	1.66E-06	6.00E-10	1.81E-09	1.05E-09	1.04E-09	9.39E-10	4.28E-10	4.16E-10	2.00E-11	4.84E-10	1.07E-10	1.41E-10	2.23E-10	3.93E-11	2.18E-10	1.23E-09
1592	495211.06	3858701.99	1.70E-06	1.68E-06	1.63E-06	5.88E-10	1.77E-09	1.03E-09	1.01E-09	9.19E-10	4.19E-10	4.07E-10	1.96E-11	4.74E-10	1.05E-10	1.38E-10	2.18E-10	3.85E-11	2.14E-10	1.21E-09
1593	495261.06	3858701.99	1.68E-06	1.66E-06	1.61E-06	5.83E-10	1.76E-09	1.02E-09	1.00E-09	9.11E-10	4.16E-10	4.04E-10	1.95E-11	4.70E-10	1.04E-10	1.36E-10	2.16E-10	3.81E-11	2.12E-10	1.20E-09
1594	495311.06	3858701.99	1.67E-06	1.65E-06	1.60E-06	5.78E-10	1.74E-09	1.01E-09	9.96E-10	9.03E-10	4.12E-10	4.00E-10	1.93E-11	4.66E-10	1.03E-10	1.35E-10	2.15E-10	3.78E-11	2.10E-10	1.19E-09
1595	495361.06	3858701.99	1.65E-06	1.63E-06	1.58E-06	5.71E-10	1.72E-09	9.98E-10	9.85E-10	8.93E-10	4.07E-10	3.96E-10	1.91E-11	4.61E-10	1.02E-10	1.34E-10	2.12E-10	3.74E-11	2.08E-10	1.17E-09
1596	495411.06	3858701.99	1.64E-06	1.62E-06	1.57E-06	5.68E-10	1.71E-09	9.92E-10	9.79E-10	8.87E-10	4.05E-10	3.93E-10	1.90E-11	4.58E-10	1.01E-10	1.33E-10	2.11E-10	3.72E-11	2.06E-10	1.17E-09
1597	495461.06	3858701.99	1.62E-06	1.60E-06	1.56E-06	5.62E-10	1.70E-09	9.82E-10	9.70E-10	8.79E-10	4.01E-10	3.89E-10	1.88E-11	4.53E-10	1.00E-10	1.32E-10	2.09E-10	3.68E-11	2.04E-10	1.15E-09
1598	495511.06	3858701.99	1.60E-06	1.58E-06	1.54E-06	5.55E-10	1.68E-09	9.70E-10	9.58E-10	8.68E-10	3.96E-10	3.85E-10	1.85E-11	4.48E-10	9.88E-11	1.30E-10	2.06E-10	3.64E-11	2.02E-10	1.14E-09
1599	495561.06	3858701.99	1.58E-06	1.56E-06	1.52E-06	5.47E-10	1.65E-09	9.57E-10	9.44E-10	8.56E-10	3.91E-10	3.79E-10	1.83E-11	4.41E-10	9.74E-11	1.28E-10	2.03E-10	3.58E-11	1.99E-10	1.12E-09
1600	495611.06	3858701.99	1.56E-06	1.54E-06	1.49E-06	5.39E-10	1.63E-09	9.43E-10	9.31E-10	8.44E-10	3.85E-10	3.74E-10	1.80E-11	4.35E-10	9.60E-11	1.26E-10	2.00E-10	3.53E-11	1.96E-10	1.11E-09
1601	495661.06	3858701.99	1.54E-06	1.52E-06	1.48E-06	5.34E-10	1.61E-09	9.33E-10	9.21E-10	8.35E-10	3.81E-10	3.70E-10	1.78E-11	4.31E-10	9.50E-11	1.25E-10	1.98E-10	3.50E-11	1.94E-10	1.10E-09
1602	494311.06	3858751.99	2.14E-06	2.12E-06	2.05E-06	7.42E-10	2.24E-09	1.30E-09	1.28E-09	1.16E-09	5.29E-10	5.14E-10	2.48E-11	5.98E-10	1.32E-10	1.74E-10	2.76E-10	4.86E-11	2.70E-10	1.52E-09
1603	494361.06	3858751.99	2.32E-06	2.29E-06	2.22E-06	8.03E-10	2.42E-09	1.40E-09	1.39E-09	1.26E-09	5.73E-10	5.56E-10	2.68E-11	6.48E-10	1.43E-10	1.88E-10	2.98E-10	5.26E-11	2.92E-10	1.65E-09
1604	494411.06	3858751.99	2.38E-06	2.35E-06	2.28E-06	8.24E-10	2.49E-09	1.44E-09	1.42E-09	1.29E-09	5.88E-10	5.71E-10	2.75E-11	6.64E-10	1.47E-10	1.93E-10	3.06E-10	5.39E-11	3.00E-10	1.69E-09
1605	494461.06	3858751.99	2.36E-06	2.33E-06	2.27E-06	8.19E-10	2.47E-09	1.43E-09	1.41E-09	1.28E-09	5.84E-10	5.67E-10	2.73E-11	6.60E-10	1.46E-10	1.92E-10	3.04E-10	5.36E-11	2.98E-10	1.68E-09
1606	494511.06	3858751.99	2.36E-06	2.33E-06	2.26E-06	8.16E-10	2.46E-09	1.43E-09	1.41E-09	1.28E-09	5.82E-10	5.66E-10	2.73E-11	6.58E-10	1.45E-10	1.91E-10	3.03E-10	5.34E-11	2.97E-10	1.68E-09
1607	494561.06	3858751.99	2.31E-06	2.28E-06	2.21E-06	7.99E-10	2.41E-09	1.40E-09	1.38E-09	1.25E-09	5.70E-10	5.54E-10	2.67E-11	6.44E-10	1.42E-10	1.87E-10	2.97E-10	5.23E-11	2.91E-10	1.64E-09
1608	494611.06	3858751.99	2.25E-06	2.22E-06	2.16E-06	7.80E-10	2.35E-09	1.36E-09	1.34E-09	1.22E-09	5.56E-10	5.40E-10	2.60E-11	6.29E-10	1.39E-10	1.83E-10	2.90E-10	5.11E-11	2.84E-10	1.60E-09
1609	494661.06	3858751.99	2.22E-06	2.19E-06	2.13E-06	7.69E-10	2.32E-09	1.34E-09	1.33E-09	1.20E-09	5.49E-10	5.33E-10	2.57E-11	6.20E-10	1.37E-10	1.80E-10	2.86E-10	5.04E-11	2.80E-10	1.58E-09
1610	494711.06	3858751.99	2.15E-06	2.12E-06	2.06E-06	7.44E-10	2.25E-09	1.30E-09	1.28E-09	1.16E-09	5.31E-10	5.16E-10	2.48E-11	6.00E-10	1.32E-10	1.74E-10	2.76E-10	4.87E-11	2.71E-10	1.53E-09
1611	494761.06	3858751.99	2.12E-06	2.09E-06	2.03E-06	7.34E-10	2.22E-09	1.28E-09	1.27E-09	1.15E-09	5.24E-10	5.09E-10	2.45E-11	5.92E-10	1.31E-10	1.72E-10	2.73E-10	4.81E-11	2.67E-10	1.51E-09
1612	494811.06	3858751.99	2.06E-06	2.03E-06	1.97E-06	7.13E-10	2.15E-09	1.25E-09	1.23E-09	1.11E-09	5.09E-10	4.94E-10	2.38E-11	5.75E-10	1.27E-10	1.67E-10	2.65E-10	4.67E-11	2.59E-10	1.46E-09
1613	494861.06	3858751.99	2.01E-06	1.98E-06	1.92E-06	6.94E-10	2.10E-09	1.21E-09	1.20E-09	1.09E-09	4.95E-10	4.81E-10	2.32E-11	5.60E-10	1.24E-10	1.63E-10	2.58E-10	4.55E-11	2.52E-10	1.43E-09
1614	494911.06	3858751.99	1.95E-06	1.92E-06	1.87E-06	6.74E-10	2.04E-09	1.18E-09	1.16E-09	1.05E-09	4.81E-10	4.67E-10	2.25E-11	5.44E-10	1.20E-10	1.58E-10	2.51E-10	4.42E-11	2.45E-10	1.38E-09
1615	494961.06	3858751.99	1.91E-06	1.88E-06	1.83E-06	6.60E-10	1.99E-09	1.15E-09	1.14E-09	1.03E-09	4.71E-10	4.57E-10	2.20E-11	5.32E-10	1.17E-10	1.54E-10	2.45E-10	4.32E-11	2.40E-10	1.35E-09
1616	495011.06	3858751.99	1.87E-06	1.85E-06	1.80E-06	6.49E-10	1.96E-09	1.13E-09	1.12E-09	1.01E-09	4.63E-10	4.49E-10	2.17E-11	5.23E-10	1.15E-10	1.52E-10	2.41E-10	4.25E-11	2.36E-10	1.33E-09
1617	495061.06	3858751.99	1.83E-06	1.81E-06	1.75E-06	6.34E-10	1.91E-09	1.11E-09	1.09E-09	9.91E-10	4.52E-10	4.39E-10	2.12E-11	5.11E-10	1.13E-10	1.48E-10	2.35E-10	4.15E-11	2.30E-10	1.30E-09
1618	495111.06	3858751.99	1.78E-06	1.76E-06	1.71E-06	6.17E-10	1.86E-09	1.08E-09	1.06E-09	9.65E-10	4.40E-10	4.28E-10	2.06E-11	4.98E-10	1.10E-10	1.45E-10	2.29E-10	4.04E-11	2.24E-10	1.27E-09
1619	495161.06	3858751.99	1.75E-06	1.73E-06	1.68E-06	6.07E-10	1.83E-09	1.06E-09	1.05E-09	9.49E-10	4.33E-10	4.20E-10	2.03E-11	4.89E-10	1.08E-10	1.42E-10	2.25E-10	3.97E-11	2.21E-10	1.25E-09
1620	495211.06	3858751.99	1.72E-06	1.69E-06	1.64E-06	5.94E-10	1.79E-09	1.04E-09	1.02E-09	9.29E-10	4.24E-10	4.12E-10	1.98E-11	4.79E-10	1.06E-10	1.39E-10	2.21E-10	3.89E-11	2.16E-10	1.22E-09
1621	495261.06	3858751.99	1.70E-06	1.68E-06	1.63E-06	5.88E-10	1.78E-09	1.03E-09	1.02E-09	9.20E-10	4.20E-10	4.08E-10	1.96E-11	4.75E-10	1.05E-10	1.38E-10	2.19E-10	3.85E-11	2.14E-10	1.21E-09
1622	495311.06	3858751.99	1.69E-06	1.66E-06	1.62E-06	5.84E-10	1.76E-09	1.02E-09	1.01E-09	9.13E-10	4.16E-10	4.04E-10	1.95E-11	4.71E-10	1.04E-10	1.37E-10	2.17E-10	3.82E-11	2.12E-10	1.20E-09
1623	495361.06	3858751.99	1.67E-06	1.65E-06	1.60E-06	5.77E-10	1.74E-09	1.01E-09	9.96E-10	9.03E-10	4.12E-10	4.00E-10	1.93E-11	4.66E-10	1.03E-10	1.35E-10	2.15E-10	3.78E-11	2.10E-10	1.19E-09
1624	495411.06	3858751.99	1.66E-06	1.64E-06	1.59E-06	5.75E-10	1.74E-09	1.00E-09	9.91E-10	8.99E-10	4.10E-10	3.98E-10	1.92E-11	4.64E-10	1.02E-10	1.35E-10	2.14E-10	3.76E-11	2.09E-10	1.18E-09
1625	495461.06	3858751.99	1.64E-06	1.62E-06	1.58E-06	5.69E-10	1.72E-09	9.95E-10	9.82E-10	8.90E-10	4.06E-10	3.94E-10	1.90E-11	4.59E-10	1.01E-10	1.33E-10	2.12E-10	3.73E-11	2.07E-10	1.17E-09
1626	495511.06	3858751.99	1.62E-06	1.60E-06	1.56E-06	5.62E-10	1.70E-09	9.83E-10	9.70E-10	8.79E-10	4.01E-10	3.90E-10	1.88E-11	4.54E-10	1.00E-10	1.32E-10	2.09E-10	3.68E-11	2.04E-10	1.15E-09
1627	495561.06	3858751.99	1.60E-06	1.58E-06	1.54E-06	5.55E-10	1.67E-09	9.70E-10	9.57E-10	8.67E-10	3.96E-10	3.84E-10	1.85E-11	4.47E-10	9.87E-11	1.30E-10	2.06E-10	3.63E-11	2.02E-10	1.14E-09
1628	495611.06	3858751.99	1.58E-06	1.56E-06	1.51E-06	5.47E-10	1.65E-09	9.56E-10	9.44E-10	8.56E-10	3.90E-10	3.79E-10	1.83E-11	4.41E-10	9.74E-11	1.28E-10	2.03E-10	3.58E-11	1.99E-10	1.12E-09
1629	495661.06	3858751.99	1.56E-06	1.54E-06	1.50E-06	5.41E-10	1.63E-09	9.45E-10	9.33E-10	8.46E-10	3.86E-10	3.75E-10	1.81E-11	4.36E-10	9.62E-11	1.27E-10	2.01E-10	3.54E-11	1.97E-10	1.11E-09
1630	494311.06	3858801.99	2.21E-06	2.18E-06	2.12E-06	7.66E-10	2.31E-09	1.34E-09	1.32E-09	1.20E-09	5.47E-10	5.31E-10	2.56E-11	6.18E-10	1.36E-10	1.79E-10	2.85E-10	5.02E-11	2.79E-10	1.57E-09
1631	494361.06	3858801.99	2.36E-06	2.33E-06	2.27E-06	8.18E-10	2.47E-09	1.43E-09	1.41E-09	1.28E-09	5.84E-10	5.67E-10	2.73E-11	6.60E-10	1.46E-10	1.92E-10	3.04E-10	5.36E-11	2.98E-10	1.68E-09
1632	494411.06	3858801.99	2.39E-06	2.36E-06	2.29E-06	8.27E-10	2.50E-09	1.45E-09	1.43E-09	1.29E-09	5.90E-10	5.73E-10	2.76E-11	6.67E-10	1.47E-10	1.94E-10	3.07E-10	5.42E-11	3.01E-10	1.70E-09
1633	494461.06	3858801.99	2.39E-06	2.36E-06	2.30E-06	8.29E-10	2.50E-09	1.45E-09	1.43E-09	1.30E-09	5.92E-10	5.74E-10	2.77E-11	6.69E-10	1.48E-10	1.94E-10	3.08E-10	5.43E-11	3.01E-10	1.70E-09
1634	494511.06	3858801.99	2.39E-06	2.36E-06	2.29E-06	8.28E-10	2.50E-09	1.45E-09	1.43E-09	1.30E-09	5.91E-10	5.74E-10	2.77E-11	6.68E-10	1.47E-10	1.94E-10	3.08E-10	5.42E-11	3.01E-10	1.70E-09
1635	494561.06	3858801.99	2.37E-06	2.34E-06	2.27E-06	8.19E-10	2.47E-09	1.43E-09	1.41E-09	1.28E-09	5.85E-10	5.68E-10	2.74E-11	6.61E-10	1.46E-10	1.92E-10	3.04E-10	5.36E-11	2.98E-10	1.68E-09
1636	494611.06	3858801.99	2.33E-06	2.30E-06	2.23E-06	8.06E-10	2.43E-09	1.41E-09	1.39E-09	1.26E-09	5.75E-10	5.58E-10	2.69E-11	6.50E-10	1.43E-10	1.89E-10	2.99E-10	5.28E-11	2.93E-10	1.65E-09

1637	494661.06	3858801.99	2.27E-06	2.24E-06	2.18E-06	7.86E-10	2.37E-09	1.37E-09	1.36E-09	1.23E-09	5.61E-10	5.44E-10	2.62E-11	6.34E-10	1.40E-10	1.84E-10	2.92E-10	5.14E-11	2.86E-10	1.61E-09
1638	494711.06	3858801.99	2.21E-06	2.18E-06	2.11E-06	7.63E-10	2.30E-09	1.33E-09	1.32E-09	1.19E-09	5.45E-10	5.29E-10	2.55E-11	6.16E-10	1.36E-10	1.79E-10	2.84E-10	5.00E-11	2.78E-10	1.57E-09
1639	494761.06	3858801.99	2.13E-06	2.11E-06	2.05E-06	7.39E-10	2.23E-09	1.29E-09	1.27E-09	1.16E-09	5.27E-10	5.12E-10	2.47E-11	5.96E-10	1.31E-10	1.73E-10	2.74E-10	4.84E-11	2.69E-10	1.52E-09
1640	494811.06	3858801.99	2.06E-06	2.04E-06	1.98E-06	7.14E-10	2.16E-09	1.25E-09	1.23E-09	1.12E-09	5.10E-10	4.95E-10	2.39E-11	5.76E-10	1.27E-10	1.67E-10	2.65E-10	4.68E-11	2.60E-10	1.47E-09
1641	494861.06	3858801.99	2.02E-06	2.00E-06	1.94E-06	7.00E-10	2.11E-09	1.22E-09	1.21E-09	1.09E-09	5.00E-10	4.85E-10	2.34E-11	5.65E-10	1.25E-10	1.64E-10	2.60E-10	4.58E-11	2.55E-10	1.44E-09
1642	494911.06	3858801.99	1.97E-06	1.94E-06	1.88E-06	6.81E-10	2.06E-09	1.19E-09	1.17E-09	1.06E-09	4.86E-10	4.72E-10	2.27E-11	5.49E-10	1.21E-10	1.59E-10	2.53E-10	4.46E-11	2.48E-10	1.40E-09
1643	494961.06	3858801.99	1.92E-06	1.90E-06	1.84E-06	6.66E-10	2.01E-09	1.16E-09	1.15E-09	1.04E-09	4.75E-10	4.61E-10	2.22E-11	5.37E-10	1.19E-10	1.56E-10	2.47E-10	4.36E-11	2.42E-10	1.37E-09
1644	495011.06	3858801.99	1.88E-06	1.86E-06	1.80E-06	6.51E-10	1.96E-09	1.14E-09	1.12E-09	1.02E-09	4.64E-10	4.51E-10	2.17E-11	5.25E-10	1.16E-10	1.52E-10	2.42E-10	4.26E-11	2.37E-10	1.34E-09
1645	495061.06	3858801.99	1.85E-06	1.83E-06	1.77E-06	6.40E-10	1.93E-09	1.12E-09	1.10E-09	1.00E-09	4.57E-10	4.44E-10	2.14E-11	5.16E-10	1.14E-10	1.50E-10	2.38E-10	4.19E-11	2.33E-10	1.31E-09
1646	495111.06	3858801.99	1.80E-06	1.77E-06	1.72E-06	6.22E-10	1.88E-09	1.09E-09	1.07E-09	9.73E-10	4.44E-10	4.31E-10	2.08E-11	5.02E-10	1.11E-10	1.46E-10	2.31E-10	4.07E-11	2.26E-10	1.28E-09
1647	495161.06	3858801.99	1.76E-06	1.73E-06	1.68E-06	6.08E-10	1.84E-09	1.06E-09	1.05E-09	9.51E-10	4.34E-10	4.21E-10	2.03E-11	4.91E-10	1.08E-10	1.42E-10	2.26E-10	3.98E-11	2.21E-10	1.25E-09
1648	495211.06	3858801.99	1.73E-06	1.71E-06	1.66E-06	6.00E-10	1.81E-09	1.05E-09	1.03E-09	9.38E-10	4.28E-10	4.16E-10	2.00E-11	4.84E-10	1.07E-10	1.40E-10	2.23E-10	3.93E-11	2.18E-10	1.23E-09
1649	495261.06	3858801.99	1.72E-06	1.69E-06	1.65E-06	5.94E-10	1.80E-09	1.04E-09	1.03E-09	9.30E-10	4.24E-10	4.12E-10	1.99E-11	4.80E-10	1.06E-10	1.39E-10	2.21E-10	3.89E-11	2.16E-10	1.22E-09
1650	495311.06	3858801.99	1.71E-06	1.68E-06	1.63E-06	5.90E-10	1.78E-09	1.03E-09	1.02E-09	9.23E-10	4.21E-10	4.09E-10	1.97E-11	4.76E-10	1.05E-10	1.38E-10	2.19E-10	3.87E-11	2.15E-10	1.21E-09
1651	495361.06	3858801.99	1.69E-06	1.67E-06	1.62E-06	5.84E-10	1.76E-09	1.02E-09	1.01E-09	9.14E-10	4.17E-10	4.05E-10	1.95E-11	4.71E-10	1.04E-10	1.37E-10	2.17E-10	3.83E-11	2.13E-10	1.20E-09
1652	495411.06	3858801.99	1.69E-06	1.66E-06	1.62E-06	5.84E-10	1.76E-09	1.02E-09	1.01E-09	9.13E-10	4.16E-10	4.04E-10	1.95E-11	4.71E-10	1.04E-10	1.37E-10	2.17E-10	3.82E-11	2.12E-10	1.20E-09
1653	495461.06	3858801.99	1.67E-06	1.65E-06	1.60E-06	5.77E-10	1.74E-09	1.01E-09	9.96E-10	9.03E-10	4.12E-10	4.00E-10	1.93E-11	4.66E-10	1.03E-10	1.35E-10	2.15E-10	3.78E-11	2.10E-10	1.19E-09
1654	495511.06	3858801.99	1.65E-06	1.62E-06	1.58E-06	5.69E-10	1.72E-09	9.95E-10	9.82E-10	8.91E-10	4.06E-10	3.95E-10	1.90E-11	4.59E-10	1.01E-10	1.33E-10	2.12E-10	3.73E-11	2.07E-10	1.17E-09
1655	495561.06	3858801.99	1.63E-06	1.60E-06	1.56E-06	5.63E-10	1.70E-09	9.84E-10	9.71E-10	8.80E-10	4.02E-10	3.90E-10	1.88E-11	4.54E-10	1.00E-10	1.32E-10	2.09E-10	3.69E-11	2.05E-10	1.16E-09
1656	495611.06	3858801.99	1.60E-06	1.58E-06	1.53E-06	5.54E-10	1.67E-09	9.68E-10	9.55E-10	8.66E-10	3.95E-10	3.84E-10	1.85E-11	4.47E-10	9.85E-11	1.30E-10	2.06E-10	3.63E-11	2.01E-10	1.14E-09
1657	495661.06	3858801.99	1.58E-06	1.56E-06	1.52E-06	5.48E-10	1.66E-09	9.58E-10	9.46E-10	8.57E-10	3.91E-10	3.80E-10	1.83E-11	4.42E-10	9.76E-11	1.28E-10	2.04E-10	3.59E-11	1.99E-10	1.13E-09
1658	494311.06	3858851.99	2.38E-06	2.35E-06	2.28E-06	8.24E-10	2.49E-09	1.44E-09	1.42E-09	1.29E-09	5.88E-10	5.71E-10	2.75E-11	6.65E-10	1.47E-10	1.93E-10	3.06E-10	5.40E-11	3.00E-10	1.69E-09
1659	494361.06	3858851.99	2.47E-06	2.44E-06	2.37E-06	8.54E-10	2.58E-09	1.49E-09	1.47E-09	1.34E-09	6.10E-10	5.92E-10	2.85E-11	6.89E-10	1.52E-10	2.00E-10	3.17E-10	5.59E-11	3.11E-10	1.75E-09
1660	494411.06	3858851.99	2.45E-06	2.41E-06	2.34E-06	8.47E-10	2.56E-09	1.48E-09	1.46E-09	1.32E-09	6.04E-10	5.87E-10	2.83E-11	6.83E-10	1.51E-10	1.98E-10	3.15E-10	5.54E-11	3.08E-10	1.74E-09
1661	494461.06	3858851.99	2.44E-06	2.41E-06	2.34E-06	8.44E-10	2.55E-09	1.48E-09	1.46E-09	1.32E-09	6.02E-10	5.85E-10	2.82E-11	6.81E-10	1.50E-10	1.98E-10	3.14E-10	5.53E-11	3.07E-10	1.73E-09
1662	494511.06	3858851.99	2.42E-06	2.39E-06	2.32E-06	8.39E-10	2.53E-09	1.47E-09	1.45E-09	1.31E-09	5.99E-10	5.81E-10	2.80E-11	6.77E-10	1.49E-10	1.96E-10	3.12E-10	5.49E-11	3.05E-10	1.72E-09
1663	494561.06	3858851.99	2.39E-06	2.36E-06	2.29E-06	8.28E-10	2.50E-09	1.45E-09	1.43E-09	1.29E-09	5.91E-10	5.74E-10	2.76E-11	6.68E-10	1.47E-10	1.94E-10	3.08E-10	5.42E-11	3.01E-10	1.70E-09
1664	494611.06	3858851.99	2.34E-06	2.31E-06	2.25E-06	8.11E-10	2.45E-09	1.42E-09	1.40E-09	1.27E-09	5.79E-10	5.62E-10	2.71E-11	6.55E-10	1.44E-10	1.90E-10	3.02E-10	5.31E-11	2.95E-10	1.67E-09
1665	494661.06	3858851.99	2.29E-06	2.26E-06	2.19E-06	7.92E-10	2.39E-09	1.38E-09	1.37E-09	1.24E-09	5.65E-10	5.49E-10	2.64E-11	6.39E-10	1.41E-10	1.86E-10	2.94E-10	5.19E-11	2.88E-10	1.63E-09
1666	494711.06	3858851.99	2.21E-06	2.18E-06	2.12E-06	7.66E-10	2.31E-09	1.34E-09	1.32E-09	1.20E-09	5.47E-10	5.31E-10	2.56E-11	6.18E-10	1.36E-10	1.79E-10	2.85E-10	5.02E-11	2.79E-10	1.57E-09
1667	494761.06	3858851.99	2.14E-06	2.12E-06	2.05E-06	7.42E-10	2.24E-09	1.30E-09	1.28E-09	1.16E-09	5.29E-10	5.14E-10	2.48E-11	5.98E-10	1.32E-10	1.74E-10	2.76E-10	4.86E-11	2.70E-10	1.52E-09
1668	494811.06	3858851.99	2.09E-06	2.06E-06	2.00E-06	7.22E-10	2.18E-09	1.26E-09	1.25E-09	1.13E-09	5.15E-10	5.00E-10	2.41E-11	5.82E-10	1.28E-10	1.69E-10	2.68E-10	4.73E-11	2.63E-10	1.48E-09
1669	494861.06	3858851.99	2.05E-06	2.02E-06	1.96E-06	7.08E-10	2.14E-09	1.24E-09	1.22E-09	1.11E-09	5.05E-10	4.91E-10	2.36E-11	5.71E-10	1.26E-10	1.66E-10	2.63E-10	4.64E-11	2.57E-10	1.45E-09
1670	494911.06	3858851.99	1.99E-06	1.97E-06	1.91E-06	6.90E-10	2.08E-09	1.21E-09	1.19E-09	1.08E-09	4.92E-10	4.78E-10	2.30E-11	5.57E-10	1.23E-10	1.62E-10	2.56E-10	4.52E-11	2.51E-10	1.42E-09
1671	494961.06	3858851.99	1.95E-06	1.92E-06	1.87E-06	6.74E-10	2.04E-09	1.18E-09	1.16E-09	1.05E-09	4.81E-10	4.67E-10	2.25E-11	5.44E-10	1.20E-10	1.58E-10	2.51E-10	4.42E-11	2.45E-10	1.38E-09
1672	495011.06	3858851.99	1.91E-06	1.89E-06	1.83E-06	6.61E-10	2.00E-09	1.16E-09	1.14E-09	1.03E-09	4.72E-10	4.58E-10	2.21E-11	5.33E-10	1.18E-10	1.55E-10	2.46E-10	4.33E-11	2.41E-10	1.36E-09
1673	495061.06	3858851.99	1.87E-06	1.84E-06	1.79E-06	6.47E-10	1.95E-09	1.13E-09	1.12E-09	1.01E-09	4.61E-10	4.48E-10	2.16E-11	5.22E-10	1.15E-10	1.51E-10	2.40E-10	4.23E-11	2.35E-10	1.33E-09
1674	495111.06	3858851.99	1.80E-06	1.78E-06	1.72E-06	6.23E-10	1.88E-09	1.09E-09	1.07E-09	9.74E-10	4.44E-10	4.32E-10	2.08E-11	5.02E-10	1.11E-10	1.46E-10	2.31E-10	4.08E-11	2.27E-10	1.28E-09
1675	495161.06	3858851.99	1.76E-06	1.74E-06	1.69E-06	6.10E-10	1.84E-09	1.07E-09	1.05E-09	9.53E-10	4.35E-10	4.22E-10	2.04E-11	4.92E-10	1.08E-10	1.43E-10	2.26E-10	3.99E-11	2.22E-10	1.25E-09
1676	495211.06	3858851.99	1.75E-06	1.73E-06	1.68E-06	6.07E-10	1.83E-09	1.06E-09	1.05E-09	9.50E-10	4.33E-10	4.21E-10	2.03E-11	4.90E-10	1.08E-10	1.42E-10	2.26E-10	3.98E-11	2.21E-10	1.25E-09
1677	495261.06	3858851.99	1.74E-06	1.72E-06	1.67E-06	6.02E-10	1.82E-09	1.05E-09	1.04E-09	9.41E-10	4.29E-10	4.17E-10	2.01E-11	4.85E-10	1.07E-10	1.41E-10	2.24E-10	3.94E-11	2.19E-10	1.24E-09
1678	495311.06	3858851.99	1.73E-06	1.71E-06	1.66E-06	5.99E-10	1.81E-09	1.05E-09	1.03E-09	9.36E-10	4.27E-10	4.15E-10	2.00E-11	4.83E-10	1.07E-10	1.40E-10	2.22E-10	3.92E-11	2.18E-10	1.23E-09
1679	495361.06	3858851.99	1.72E-06	1.69E-06	1.64E-06	5.94E-10	1.79E-09	1.04E-09	1.02E-09	9.29E-10	4.24E-10	4.11E-10	1.98E-11	4.79E-10	1.06E-10	1.39E-10	2.21E-10	3.89E-11	2.16E-10	1.22E-09
1680	495411.06	3858851.99	1.70E-06	1.68E-06	1.63E-06	5.89E-10	1.78E-09	1.03E-09	1.02E-09	9.21E-10	4.20E-10	4.08E-10	1.97E-11	4.75E-10	1.05E-10	1.38E-10	2.19E-10	3.86E-11	2.14E-10	1.21E-09
1681	495461.06	3858851.99	1.69E-06	1.67E-06	1.62E-06	5.85E-10	1.77E-09	1.02E-09	1.01E-09	9.15E-10	4.18E-10	4.05E-10	1.95E-11	4.72E-10	1.04E-10	1.37E-10	2.17E-10	3.83E-11	2.13E-10	1.20E-09
1682	495511.06	3858851.99	1.67E-06	1.65E-06	1.60E-06	5.78E-10	1.75E-09	1.01E-09	9.97E-10	9.04E-10	4.12E-10	4.01E-10	1.93E-11	4.66E-10	1.03E-10	1.35E-10	2.15E-10	3.79E-11	2.10E-10	1.19E-09
1683	495561.06	3858851.99	1.64E-06	1.62E-06	1.57E-06	5.67E-10	1.71E-09	9.92E-10	9.79E-10	8.87E-10	4.05E-10	3.93E-10	1.89E-11	4.58E-10	1.01E-10	1.33E-10	2.11E-10	3.72E-11	2.06E-10	1.16E-09
1684	495611.06	3858851.99	1.61E-06	1.59E-06	1.54E-06	5.58E-10	1.68E-09	9.75E-10	9.62E-10	8.72E-10	3.98E-10	3.87E-10	1.86E-11	4.50E-10	9.93E-11	1.31E-10	2.07E-10	3.65E-11	2.03E-10	1.15E-09
1685	495661.06	3858851.99	1.60E-06	1.58E-06	1.53E-06	5.54E-10	1.67E-09	9.68E-10	9.56E-10	8.66E-10	3.95E-10	3.84E-10	1.85E-11	4.47E-10	9.86E-11	1.30E-10	2.06E-10	3.63E-11	2.01E-10	1.14E-09
1686	494311.06	3858901.99	2.45E-06	2.41E-06	2.34E-06	8.47E-10	2.56E-09	1.48E-09	1.46E-09	1.32E-09	6.04E-10	5.87E-10	2.83E-11	6.83E-10	1.51E-10	1.98E-10	3.15E-10	5.55E-11	3.08E-10	1.74E-09
1687	494361.06	3858901.99	2.51E-06	2.48E-06	2.41E-06	8.69E-10	2.62E-09	1.52E-09	1.50E-09	1.36E-09	6.20E-10	6.02E-10	2.90E-11	7.01E-10	1.55E-10	2.04E-10	3.23E-10	5.69E-11	3.16E-10	1.78E-09
1688	494411.06	3858901.99	2.50E-06	2.47E-06	2.40E-06	8.67E-10	2.62E-09	1.52E-09	1.50E-09	1.36E-09	6.18E-10	6.01E-10	2.89E-11	6.99E-10	1.54E-10	2.03E-10	3.22E-10	5.68E-11	3.15E-10	1.78E-09
1689	494461.06	3858901.99	2.50E-06	2.47E-06	2.40E-06	8.66E-10	2.61E-09	1.51E-09	1.49E-09	1.35E-09	6.18E-10	6.00E-10	2.89E-11	6.98E-10	1.54E-10	2.03E-10	3.22E-10	5.67E-11	3.15E-10	1.78E-09

1690	494511.06	3858901.99	2.48E-06	2.45E-06	2.38E-06	8.59E-10	2.59E-09	1.50E-09	1.48E-09	1.34E-09	6.13E-10	5.95E-10	2.87E-11	6.93E-10	1.53E-10	2.01E-10	3.19E-10	5.63E-11	3.13E-10	1.76E-09
1691	494561.06	3858901.99	2.43E-06	2.40E-06	2.33E-06	8.42E-10	2.54E-09	1.47E-09	1.45E-09	1.32E-09	6.01E-10	5.83E-10	2.81E-11	6.79E-10	1.50E-10	1.97E-10	3.13E-10	5.51E-11	3.06E-10	1.73E-09
1692	494611.06	3858901.99	2.35E-06	2.32E-06	2.26E-06	8.15E-10	2.46E-09	1.42E-09	1.41E-09	1.27E-09	5.81E-10	5.65E-10	2.72E-11	6.57E-10	1.45E-10	1.91E-10	3.03E-10	5.33E-11	2.96E-10	1.67E-09
1693	494661.06	3858901.99	2.31E-06	2.28E-06	2.21E-06	7.99E-10	2.41E-09	1.40E-09	1.38E-09	1.25E-09	5.70E-10	5.53E-10	2.67E-11	6.44E-10	1.42E-10	1.87E-10	2.97E-10	5.23E-11	2.90E-10	1.64E-09
1694	494711.06	3858901.99	2.24E-06	2.21E-06	2.14E-06	7.74E-10	2.34E-09	1.35E-09	1.34E-09	1.21E-09	5.53E-10	5.37E-10	2.59E-11	6.25E-10	1.38E-10	1.81E-10	2.88E-10	5.07E-11	2.82E-10	1.59E-09
1695	494761.06	3858901.99	2.16E-06	2.13E-06	2.07E-06	7.47E-10	2.26E-09	1.31E-09	1.29E-09	1.17E-09	5.33E-10	5.18E-10	2.50E-11	6.03E-10	1.33E-10	1.75E-10	2.78E-10	4.89E-11	2.72E-10	1.53E-09
1696	494811.06	3858901.99	2.11E-06	2.08E-06	2.02E-06	7.31E-10	2.21E-09	1.28E-09	1.26E-09	1.14E-09	5.21E-10	5.06E-10	2.44E-11	5.89E-10	1.30E-10	1.71E-10	2.71E-10	4.78E-11	2.66E-10	1.50E-09
1697	494861.06	3858901.99	2.07E-06	2.05E-06	1.99E-06	7.18E-10	2.17E-09	1.25E-09	1.24E-09	1.12E-09	5.12E-10	4.97E-10	2.40E-11	5.79E-10	1.28E-10	1.68E-10	2.67E-10	4.70E-11	2.61E-10	1.47E-09
1698	494911.06	3858901.99	2.00E-06	1.98E-06	1.92E-06	6.93E-10	2.09E-09	1.21E-09	1.20E-09	1.08E-09	4.94E-10	4.80E-10	2.31E-11	5.59E-10	1.23E-10	1.62E-10	2.57E-10	4.54E-11	2.52E-10	1.42E-09
1699	494961.06	3858901.99	1.96E-06	1.93E-06	1.88E-06	6.79E-10	2.05E-09	1.19E-09	1.17E-09	1.06E-09	4.84E-10	4.70E-10	2.27E-11	5.47E-10	1.21E-10	1.59E-10	2.52E-10	4.44E-11	2.47E-10	1.39E-09
1700	495011.06	3858901.99	1.92E-06	1.90E-06	1.84E-06	6.65E-10	2.01E-09	1.16E-09	1.15E-09	1.04E-09	4.74E-10	4.61E-10	2.22E-11	5.36E-10	1.18E-10	1.56E-10	2.47E-10	4.35E-11	2.42E-10	1.37E-09
1701	495061.06	3858901.99	1.87E-06	1.84E-06	1.79E-06	6.47E-10	1.95E-09	1.13E-09	1.12E-09	1.01E-09	4.61E-10	4.48E-10	2.16E-11	5.22E-10	1.15E-10	1.51E-10	2.40E-10	4.23E-11	2.35E-10	1.33E-09
1702	495111.06	3858901.99	1.80E-06	1.77E-06	1.72E-06	6.23E-10	1.88E-09	1.09E-09	1.07E-09	9.74E-10	4.44E-10	4.31E-10	2.08E-11	5.02E-10	1.11E-10	1.46E-10	2.31E-10	4.08E-11	2.26E-10	1.28E-09
1703	495161.06	3858901.99	1.77E-06	1.75E-06	1.70E-06	6.14E-10	1.85E-09	1.07E-09	1.06E-09	9.60E-10	4.38E-10	4.25E-10	2.05E-11	4.95E-10	1.09E-10	1.44E-10	2.28E-10	4.02E-11	2.23E-10	1.26E-09
1704	495211.06	3858901.99	1.78E-06	1.75E-06	1.70E-06	6.15E-10	1.86E-09	1.07E-09	1.06E-09	9.62E-10	4.39E-10	4.26E-10	2.05E-11	4.96E-10	1.09E-10	1.44E-10	2.28E-10	4.03E-11	2.24E-10	1.26E-09
1705	495261.06	3858901.99	1.77E-06	1.74E-06	1.69E-06	6.11E-10	1.84E-09	1.07E-09	1.05E-09	9.55E-10	4.36E-10	4.23E-10	2.04E-11	4.93E-10	1.09E-10	1.43E-10	2.27E-10	4.00E-11	2.22E-10	1.25E-09
1706	495311.06	3858901.99	1.75E-06	1.73E-06	1.68E-06	6.05E-10	1.83E-09	1.06E-09	1.04E-09	9.47E-10	4.32E-10	4.19E-10	2.02E-11	4.88E-10	1.08E-10	1.42E-10	2.25E-10	3.96E-11	2.20E-10	1.24E-09
1707	495361.06	3858901.99	1.73E-06	1.71E-06	1.66E-06	6.00E-10	1.81E-09	1.05E-09	1.04E-09	9.39E-10	4.28E-10	4.16E-10	2.00E-11	4.84E-10	1.07E-10	1.41E-10	2.23E-10	3.93E-11	2.18E-10	1.23E-09
1708	495411.06	3858901.99	1.73E-06	1.71E-06	1.66E-06	5.98E-10	1.81E-09	1.05E-09	1.03E-09	9.35E-10	4.27E-10	4.14E-10	2.00E-11	4.82E-10	1.06E-10	1.40E-10	2.22E-10	3.92E-11	2.18E-10	1.23E-09
1709	495461.06	3858901.99	1.71E-06	1.69E-06	1.64E-06	5.92E-10	1.79E-09	1.03E-09	1.02E-09	9.25E-10	4.22E-10	4.10E-10	1.98E-11	4.77E-10	1.05E-10	1.39E-10	2.20E-10	3.87E-11	2.15E-10	1.21E-09
1710	495511.06	3858901.99	1.68E-06	1.66E-06	1.61E-06	5.82E-10	1.76E-09	1.02E-09	1.00E-09	9.11E-10	4.16E-10	4.04E-10	1.94E-11	4.70E-10	1.04E-10	1.36E-10	2.16E-10	3.81E-11	2.12E-10	1.20E-09
1711	495561.06	3858901.99	1.66E-06	1.64E-06	1.59E-06	5.75E-10	1.74E-09	1.00E-09	9.91E-10	8.99E-10	4.10E-10	3.98E-10	1.92E-11	4.64E-10	1.02E-10	1.35E-10	2.14E-10	3.76E-11	2.09E-10	1.18E-09
1712	495611.06	3858901.99	1.63E-06	1.61E-06	1.56E-06	5.65E-10	1.71E-09	9.88E-10	9.75E-10	8.84E-10	4.03E-10	3.92E-10	1.89E-11	4.56E-10	1.01E-10	1.32E-10	2.10E-10	3.70E-11	2.05E-10	1.16E-09
1713	495661.06	3858901.99	1.62E-06	1.60E-06	1.56E-06	5.62E-10	1.70E-09	9.83E-10	9.70E-10	8.79E-10	4.01E-10	3.89E-10	1.88E-11	4.53E-10	1.00E-10	1.32E-10	2.09E-10	3.68E-11	2.04E-10	1.15E-09
1714	494311.06	3858951.99	2.56E-06	2.53E-06	2.46E-06	8.87E-10	2.68E-09	1.55E-09	1.53E-09	1.39E-09	6.33E-10	6.14E-10	2.96E-11	7.15E-10	1.58E-10	2.08E-10	3.29E-10	5.81E-11	3.22E-10	1.82E-09
1715	494361.06	3858951.99	2.58E-06	2.55E-06	2.47E-06	8.93E-10	2.70E-09	1.56E-09	1.54E-09	1.40E-09	6.37E-10	6.19E-10	2.98E-11	7.21E-10	1.59E-10	2.09E-10	3.32E-10	5.85E-11	3.25E-10	1.83E-09
1716	494411.06	3858951.99	2.54E-06	2.51E-06	2.44E-06	8.80E-10	2.66E-09	1.54E-09	1.52E-09	1.38E-09	6.28E-10	6.10E-10	2.94E-11	7.10E-10	1.57E-10	2.06E-10	3.27E-10	5.76E-11	3.20E-10	1.81E-09
1717	494461.06	3858951.99	2.54E-06	2.51E-06	2.44E-06	8.80E-10	2.66E-09	1.54E-09	1.52E-09	1.38E-09	6.28E-10	6.10E-10	2.94E-11	7.10E-10	1.57E-10	2.06E-10	3.27E-10	5.76E-11	3.20E-10	1.81E-09
1718	494511.06	3858951.99	2.51E-06	2.48E-06	2.41E-06	8.69E-10	2.62E-09	1.52E-09	1.50E-09	1.36E-09	6.20E-10	6.02E-10	2.90E-11	7.01E-10	1.55E-10	2.03E-10	3.23E-10	5.69E-11	3.16E-10	1.78E-09
1719	494561.06	3858951.99	2.46E-06	2.43E-06	2.36E-06	8.52E-10	2.57E-09	1.49E-09	1.47E-09	1.33E-09	6.08E-10	5.90E-10	2.84E-11	6.87E-10	1.52E-10	1.99E-10	3.16E-10	5.58E-11	3.10E-10	1.75E-09
1720	494611.06	3858951.99	2.39E-06	2.36E-06	2.29E-06	8.28E-10	2.50E-09	1.45E-09	1.43E-09	1.29E-09	5.91E-10	5.74E-10	2.76E-11	6.68E-10	1.47E-10	1.94E-10	3.08E-10	5.42E-11	3.01E-10	1.70E-09
1721	494661.06	3858951.99	2.33E-06	2.30E-06	2.23E-06	8.06E-10	2.43E-09	1.41E-09	1.39E-09	1.26E-09	5.75E-10	5.59E-10	2.69E-11	6.50E-10	1.44E-10	1.89E-10	3.00E-10	5.28E-11	2.93E-10	1.66E-09
1722	494711.06	3858951.99	2.25E-06	2.22E-06	2.15E-06	7.78E-10	2.35E-09	1.36E-09	1.34E-09	1.22E-09	5.55E-10	5.39E-10	2.60E-11	6.27E-10	1.38E-10	1.82E-10	2.89E-10	5.09E-11	2.83E-10	1.60E-09
1723	494761.06	3858951.99	2.19E-06	2.16E-06	2.10E-06	7.57E-10	2.29E-09	1.32E-09	1.31E-09	1.18E-09	5.40E-10	5.24E-10	2.53E-11	6.10E-10	1.35E-10	1.77E-10	2.81E-10	4.96E-11	2.75E-10	1.55E-09
1724	494811.06	3858951.99	2.14E-06	2.11E-06	2.05E-06	7.42E-10	2.24E-09	1.30E-09	1.28E-09	1.16E-09	5.29E-10	5.14E-10	2.48E-11	5.98E-10	1.32E-10	1.74E-10	2.76E-10	4.86E-11	2.70E-10	1.52E-09
1725	494861.06	3858951.99	2.10E-06	2.07E-06	2.01E-06	7.27E-10	2.19E-09	1.27E-09	1.25E-09	1.14E-09	5.19E-10	5.04E-10	2.43E-11	5.86E-10	1.29E-10	1.70E-10	2.70E-10	4.76E-11	2.64E-10	1.49E-09
1726	494911.06	3858951.99	2.04E-06	2.02E-06	1.96E-06	7.07E-10	2.13E-09	1.24E-09	1.22E-09	1.11E-09	5.04E-10	4.90E-10	2.36E-11	5.70E-10	1.26E-10	1.66E-10	2.63E-10	4.63E-11	2.57E-10	1.45E-09
1727	494961.06	3858951.99	2.01E-06	1.98E-06	1.93E-06	6.96E-10	2.10E-09	1.22E-09	1.20E-09	1.09E-09	4.96E-10	4.82E-10	2.32E-11	5.61E-10	1.24E-10	1.63E-10	2.58E-10	4.56E-11	2.53E-10	1.43E-09
1728	495011.06	3858951.99	1.93E-06	1.90E-06	1.85E-06	6.68E-10	2.02E-09	1.17E-09	1.15E-09	1.04E-09	4.76E-10	4.63E-10	2.23E-11	5.38E-10	1.19E-10	1.56E-10	2.48E-10	4.37E-11	2.43E-10	1.37E-09
1729	495061.06	3858951.99	1.85E-06	1.83E-06	1.78E-06	6.42E-10	1.94E-09	1.12E-09	1.11E-09	1.00E-09	4.58E-10	4.45E-10	2.14E-11	5.18E-10	1.14E-10	1.50E-10	2.39E-10	4.20E-11	2.33E-10	1.32E-09
1730	495111.06	3858951.99	1.80E-06	1.78E-06	1.72E-06	6.23E-10	1.88E-09	1.09E-09	1.07E-09	9.74E-10	4.44E-10	4.31E-10	2.08E-11	5.02E-10	1.11E-10	1.46E-10	2.31E-10	4.08E-11	2.26E-10	1.28E-09
1731	495161.06	3858951.99	1.81E-06	1.79E-06	1.74E-06	6.27E-10	1.89E-09	1.10E-09	1.08E-09	9.81E-10	4.48E-10	4.35E-10	2.09E-11	5.06E-10	1.12E-10	1.47E-10	2.33E-10	4.11E-11	2.28E-10	1.29E-09
1732	495211.06	3858951.99	1.80E-06	1.78E-06	1.73E-06	6.24E-10	1.88E-09	1.09E-09	1.08E-09	9.75E-10	4.45E-10	4.32E-10	2.08E-11	5.03E-10	1.11E-10	1.46E-10	2.32E-10	4.08E-11	2.27E-10	1.28E-09
1733	495261.06	3858951.99	1.79E-06	1.77E-06	1.72E-06	6.20E-10	1.87E-09	1.08E-09	1.07E-09	9.70E-10	4.42E-10	4.30E-10	2.07E-11	5.00E-10	1.10E-10	1.45E-10	2.30E-10	4.06E-11	2.25E-10	1.27E-09
1734	495311.06	3858951.99	1.76E-06	1.74E-06	1.69E-06	6.09E-10	1.84E-09	1.07E-09	1.05E-09	9.53E-10	4.35E-10	4.22E-10	2.03E-11	4.92E-10	1.08E-10	1.43E-10	2.26E-10	3.99E-11	2.22E-10	1.25E-09
1735	495361.06	3858951.99	1.75E-06	1.73E-06	1.68E-06	6.07E-10	1.83E-09	1.06E-09	1.05E-09	9.49E-10	4.33E-10	4.20E-10	2.03E-11	4.89E-10	1.08E-10	1.42E-10	2.25E-10	3.97E-11	2.21E-10	1.25E-09
1736	495411.06	3858951.99	1.75E-06	1.73E-06	1.68E-06	6.05E-10	1.83E-09	1.06E-09	1.04E-09	9.47E-10	4.32E-10	4.19E-10	2.02E-11	4.88E-10	1.08E-10	1.42E-10	2.25E-10	3.96E-11	2.20E-10	1.24E-09
1737	495461.06	3858951.99	1.73E-06	1.71E-06	1.66E-06	6.00E-10	1.81E-09	1.05E-09	1.03E-09	9.38E-10	4.28E-10	4.15E-10	2.00E-11	4.84E-10	1.07E-10	1.40E-10	2.23E-10	3.93E-11	2.18E-10	1.23E-09
1738	495511.06	3858951.99	1.72E-06	1.70E-06	1.65E-06	5.97E-10	1.80E-09	1.04E-09	1.03E-09	9.33E-10	4.26E-10	4.13E-10	1.99E-11	4.81E-10	1.06E-10	1.40E-10	2.22E-10	3.91E-11	2.17E-10	1.22E-09
1739	495561.06	3858951.99	1.68E-06	1.66E-06	1.61E-06	5.83E-10	1.76E-09	1.02E-09	1.01E-09	9.11E-10	4.16E-10	4.04E-10	1.95E-11	4.70E-10	1.04E-10	1.36E-10	2.16E-10	3.82E-11	2.12E-10	1.20E-09
1740	495611.06	3858951.99	1.66E-06	1.64E-06	1.59E-06	5.74E-10	1.73E-09	1.00E-09	9.90E-10	8.97E-10	4.09E-10	3.98E-10	1.92E-11	4.63E-10	1.02E-10	1.34E-10	2.13E-10	3.76E-11	2.09E-10	1.18E-09
1741	495661.06	3858951.99	1.65E-06	1.63E-06	1.58E-06	5.71E-10	1.72E-09	9.98E-10	9.85E-10	8.93E-10	4.08E-10	3.96E-10	1.91E-11	4.61E-10	1.02E-10	1.34E-10	2.12E-10	3.74E-11	2.08E-10	1.17E-09
1742	494311.06	3859001.99	2.64E-06	2.61E-06	2.53E-06	9.14E-10	2.76E-09	1.60E-09	1.58E-09	1.43E-09	6.52E-10	6.33E-10	3.05E-11	7.37E-10	1.63E-10	2.14E-10	3.40E-10	5.99E-11	3.32E-10	1.88E-09

1743	494361.06	3859001.99	2.63E-06	2.59E-06	2.52E-06	9.09E-10	2.74E-09	1.59E-09	1.57E-09	1.42E-09	6.48E-10	6.30E-10	3.03E-11	7.33E-10	1.62E-10	2.13E-10	3.38E-10	5.95E-11	3.30E-10	1.87E-09
1744	494411.06	3859001.99	2.61E-06	2.57E-06	2.50E-06	9.03E-10	2.73E-09	1.58E-09	1.56E-09	1.41E-09	6.44E-10	6.26E-10	3.01E-11	7.28E-10	1.61E-10	2.11E-10	3.35E-10	5.91E-11	3.28E-10	1.85E-09
1745	494461.06	3859001.99	2.58E-06	2.55E-06	2.47E-06	8.93E-10	2.70E-09	1.56E-09	1.54E-09	1.40E-09	6.37E-10	6.19E-10	2.98E-11	7.20E-10	1.59E-10	2.09E-10	3.32E-10	5.85E-11	3.25E-10	1.83E-09
1746	494511.06	3859001.99	2.55E-06	2.52E-06	2.44E-06	8.82E-10	2.66E-09	1.54E-09	1.52E-09	1.38E-09	6.30E-10	6.11E-10	2.95E-11	7.12E-10	1.57E-10	2.07E-10	3.28E-10	5.78E-11	3.21E-10	1.81E-09
1747	494561.06	3859001.99	2.48E-06	2.45E-06	2.38E-06	8.59E-10	2.59E-09	1.50E-09	1.48E-09	1.34E-09	6.13E-10	5.95E-10	2.87E-11	6.93E-10	1.53E-10	2.01E-10	3.19E-10	5.62E-11	3.12E-10	1.76E-09
1748	494611.06	3859001.99	2.42E-06	2.39E-06	2.32E-06	8.37E-10	2.53E-09	1.46E-09	1.44E-09	1.31E-09	5.97E-10	5.80E-10	2.80E-11	6.75E-10	1.49E-10	1.96E-10	3.11E-10	5.48E-11	3.05E-10	1.72E-09
1749	494661.06	3859001.99	2.35E-06	2.32E-06	2.25E-06	8.12E-10	2.45E-09	1.42E-09	1.40E-09	1.27E-09	5.80E-10	5.63E-10	2.71E-11	6.55E-10	1.45E-10	1.90E-10	3.02E-10	5.32E-11	2.95E-10	1.67E-09
1750	494711.06	3859001.99	2.26E-06	2.24E-06	2.17E-06	7.84E-10	2.37E-09	1.37E-09	1.35E-09	1.23E-09	5.59E-10	5.43E-10	2.62E-11	6.32E-10	1.40E-10	1.84E-10	2.91E-10	5.13E-11	2.85E-10	1.61E-09
1751	494761.06	3859001.99	2.21E-06	2.18E-06	2.12E-06	7.66E-10	2.31E-09	1.34E-09	1.32E-09	1.20E-09	5.47E-10	5.31E-10	2.56E-11	6.18E-10	1.36E-10	1.79E-10	2.85E-10	5.02E-11	2.79E-10	1.57E-09
1752	494811.06	3859001.99	2.18E-06	2.15E-06	2.09E-06	7.55E-10	2.28E-09	1.32E-09	1.30E-09	1.18E-09	5.39E-10	5.23E-10	2.52E-11	6.09E-10	1.34E-10	1.77E-10	2.80E-10	4.94E-11	2.74E-10	1.55E-09
1753	494861.06	3859001.99	2.13E-06	2.10E-06	2.04E-06	7.36E-10	2.22E-09	1.29E-09	1.27E-09	1.15E-09	5.25E-10	5.10E-10	2.46E-11	5.94E-10	1.31E-10	1.72E-10	2.74E-10	4.82E-11	2.68E-10	1.51E-09
1754	494911.06	3859001.99	2.07E-06	2.05E-06	1.99E-06	7.17E-10	2.17E-09	1.25E-09	1.24E-09	1.12E-09	5.12E-10	4.97E-10	2.40E-11	5.79E-10	1.28E-10	1.68E-10	2.67E-10	4.70E-11	2.61E-10	1.47E-09
1755	494961.06	3859001.99	2.02E-06	1.99E-06	1.93E-06	6.99E-10	2.11E-09	1.22E-09	1.21E-09	1.09E-09	4.99E-10	4.84E-10	2.33E-11	5.64E-10	1.24E-10	1.64E-10	2.60E-10	4.58E-11	2.54E-10	1.43E-09
1756	495011.06	3859001.99	1.89E-06	1.87E-06	1.81E-06	6.55E-10	1.98E-09	1.14E-09	1.13E-09	1.02E-09	4.67E-10	4.54E-10	2.19E-11	5.28E-10	1.17E-10	1.53E-10	2.43E-10	4.29E-11	2.38E-10	1.34E-09
1757	495061.06	3859001.99	1.86E-06	1.84E-06	1.79E-06	6.45E-10	1.95E-09	1.13E-09	1.11E-09	1.01E-09	4.60E-10	4.47E-10	2.15E-11	5.20E-10	1.15E-10	1.51E-10	2.40E-10	4.22E-11	2.34E-10	1.32E-09
1758	495111.06	3859001.99	1.81E-06	1.79E-06	1.73E-06	6.26E-10	1.89E-09	1.09E-09	1.08E-09	9.79E-10	4.47E-10	4.34E-10	2.09E-11	5.05E-10	1.11E-10	1.47E-10	2.33E-10	4.10E-11	2.28E-10	1.29E-09
1759	495161.06	3859001.99	1.84E-06	1.81E-06	1.76E-06	6.36E-10	1.92E-09	1.11E-09	1.10E-09	9.95E-10	4.54E-10	4.41E-10	2.12E-11	5.13E-10	1.13E-10	1.49E-10	2.36E-10	4.17E-11	2.31E-10	1.31E-09
1760	495211.06	3859001.99	1.82E-06	1.80E-06	1.74E-06	6.30E-10	1.90E-09	1.10E-09	1.09E-09	9.86E-10	4.50E-10	4.37E-10	2.10E-11	5.08E-10	1.12E-10	1.48E-10	2.34E-10	4.13E-11	2.29E-10	1.29E-09
1761	495261.06	3859001.99	1.81E-06	1.79E-06	1.74E-06	6.28E-10	1.89E-09	1.10E-09	1.08E-09	9.81E-10	4.48E-10	4.35E-10	2.10E-11	5.06E-10	1.12E-10	1.47E-10	2.33E-10	4.11E-11	2.28E-10	1.29E-09
1762	495311.06	3859001.99	1.79E-06	1.77E-06	1.72E-06	6.21E-10	1.87E-09	1.09E-09	1.07E-09	9.71E-10	4.43E-10	4.30E-10	2.07E-11	5.01E-10	1.11E-10	1.45E-10	2.31E-10	4.07E-11	2.26E-10	1.27E-09
1763	495361.06	3859001.99	1.79E-06	1.76E-06	1.71E-06	6.18E-10	1.87E-09	1.08E-09	1.07E-09	9.66E-10	4.41E-10	4.28E-10	2.06E-11	4.98E-10	1.10E-10	1.45E-10	2.30E-10	4.05E-11	2.25E-10	1.27E-09
1764	495411.06	3859001.99	1.77E-06	1.75E-06	1.70E-06	6.13E-10	1.85E-09	1.07E-09	1.06E-09	9.59E-10	4.38E-10	4.25E-10	2.05E-11	4.95E-10	1.09E-10	1.44E-10	2.28E-10	4.02E-11	2.23E-10	1.26E-09
1765	495461.06	3859001.99	1.76E-06	1.74E-06	1.69E-06	6.09E-10	1.84E-09	1.07E-09	1.05E-09	9.53E-10	4.35E-10	4.22E-10	2.03E-11	4.91E-10	1.08E-10	1.43E-10	2.26E-10	3.99E-11	2.22E-10	1.25E-09
1766	495511.06	3859001.99	1.73E-06	1.70E-06	1.66E-06	5.98E-10	1.81E-09	1.05E-09	1.03E-09	9.35E-10	4.27E-10	4.14E-10	2.00E-11	4.82E-10	1.06E-10	1.40E-10	2.22E-10	3.92E-11	2.17E-10	1.23E-09
1767	495561.06	3859001.99	1.71E-06	1.68E-06	1.64E-06	5.91E-10	1.78E-09	1.03E-09	1.02E-09	9.24E-10	4.21E-10	4.09E-10	1.97E-11	4.76E-10	1.05E-10	1.38E-10	2.19E-10	3.87E-11	2.15E-10	1.21E-09
1768	495611.06	3859001.99	1.68E-06	1.66E-06	1.61E-06	5.83E-10	1.76E-09	1.02E-09	1.01E-09	9.11E-10	4.16E-10	4.04E-10	1.95E-11	4.70E-10	1.04E-10	1.36E-10	2.16E-10	3.82E-11	2.12E-10	1.20E-09
1769	495661.06	3859001.99	1.69E-06	1.67E-06	1.62E-06	5.84E-10	1.76E-09	1.02E-09	1.01E-09	9.14E-10	4.17E-10	4.05E-10	1.95E-11	4.71E-10	1.04E-10	1.37E-10	2.17E-10	3.83E-11	2.12E-10	1.20E-09
1770	494311.06	3859051.99	2.70E-06	2.66E-06	2.58E-06	9.34E-10	2.82E-09	1.63E-09	1.61E-09	1.46E-09	6.66E-10	6.47E-10	3.12E-11	7.53E-10	1.66E-10	2.19E-10	3.47E-10	6.11E-11	3.40E-10	1.92E-09
1771	494361.06	3859051.99	2.69E-06	2.65E-06	2.58E-06	9.31E-10	2.81E-09	1.63E-09	1.61E-09	1.46E-09	6.64E-10	6.45E-10	3.11E-11	7.51E-10	1.66E-10	2.18E-10	3.46E-10	6.10E-11	3.39E-10	1.91E-09
1772	494411.06	3859051.99	2.65E-06	2.62E-06	2.54E-06	9.17E-10	2.77E-09	1.60E-09	1.58E-09	1.43E-09	6.55E-10	6.36E-10	3.06E-11	7.40E-10	1.63E-10	2.15E-10	3.41E-10	6.01E-11	3.34E-10	1.88E-09
1773	494461.06	3859051.99	2.60E-06	2.57E-06	2.50E-06	9.01E-10	2.72E-09	1.58E-09	1.56E-09	1.41E-09	6.43E-10	6.25E-10	3.01E-11	7.27E-10	1.60E-10	2.11E-10	3.35E-10	5.90E-11	3.28E-10	1.85E-09
1774	494511.06	3859051.99	2.55E-06	2.51E-06	2.44E-06	8.82E-10	2.66E-09	1.54E-09	1.52E-09	1.38E-09	6.29E-10	6.11E-10	2.94E-11	7.11E-10	1.57E-10	2.07E-10	3.28E-10	5.77E-11	3.21E-10	1.81E-09
1775	494561.06	3859051.99	2.50E-06	2.47E-06	2.39E-06	8.65E-10	2.61E-09	1.51E-09	1.49E-09	1.35E-09	6.17E-10	5.99E-10	2.89E-11	6.98E-10	1.54E-10	2.03E-10	3.21E-10	5.66E-11	3.15E-10	1.78E-09
1776	494611.06	3859051.99	2.43E-06	2.40E-06	2.33E-06	8.43E-10	2.55E-09	1.47E-09	1.45E-09	1.32E-09	6.01E-10	5.84E-10	2.81E-11	6.80E-10	1.50E-10	1.97E-10	3.13E-10	5.52E-11	3.07E-10	1.73E-09
1777	494661.06	3859051.99	2.37E-06	2.34E-06	2.27E-06	8.20E-10	2.48E-09	1.43E-09	1.41E-09	1.28E-09	5.85E-10	5.68E-10	2.74E-11	6.61E-10	1.46E-10	1.92E-10	3.05E-10	5.37E-11	2.98E-10	1.68E-09
1778	494711.06	3859051.99	2.31E-06	2.28E-06	2.21E-06	7.98E-10	2.41E-09	1.40E-09	1.38E-09	1.25E-09	5.70E-10	5.53E-10	2.67E-11	6.44E-10	1.42E-10	1.87E-10	2.97E-10	5.23E-11	2.90E-10	1.64E-09
1779	494761.06	3859051.99	2.24E-06	2.22E-06	2.15E-06	7.77E-10	2.35E-09	1.36E-09	1.34E-09	1.22E-09	5.54E-10	5.38E-10	2.59E-11	6.27E-10	1.38E-10	1.82E-10	2.89E-10	5.09E-11	2.83E-10	1.60E-09
1780	494811.06	3859051.99	2.20E-06	2.17E-06	2.11E-06	7.61E-10	2.30E-09	1.33E-09	1.31E-09	1.19E-09	5.43E-10	5.28E-10	2.54E-11	6.14E-10	1.36E-10	1.78E-10	2.83E-10	4.99E-11	2.77E-10	1.56E-09
1781	494861.06	3859051.99	2.15E-06	2.13E-06	2.06E-06	7.46E-10	2.25E-09	1.30E-09	1.29E-09	1.17E-09	5.32E-10	5.17E-10	2.49E-11	6.01E-10	1.33E-10	1.75E-10	2.77E-10	4.88E-11	2.71E-10	1.53E-09
1782	494911.06	3859051.99	2.09E-06	2.06E-06	2.00E-06	7.23E-10	2.18E-09	1.26E-09	1.25E-09	1.13E-09	5.16E-10	5.01E-10	2.41E-11	5.83E-10	1.29E-10	1.69E-10	2.69E-10	4.74E-11	2.63E-10	1.48E-09
1783	494961.06	3859051.99	2.00E-06	1.97E-06	1.92E-06	6.92E-10	2.09E-09	1.21E-09	1.19E-09	1.08E-09	4.94E-10	4.79E-10	2.31E-11	5.58E-10	1.23E-10	1.62E-10	2.57E-10	4.53E-11	2.52E-10	1.42E-09
1784	495011.06	3859051.99	1.93E-06	1.91E-06	1.85E-06	6.69E-10	2.02E-09	1.17E-09	1.15E-09	1.05E-09	4.77E-10	4.64E-10	2.23E-11	5.40E-10	1.19E-10	1.57E-10	2.49E-10	4.38E-11	2.43E-10	1.37E-09
1785	495061.06	3859051.99	1.89E-06	1.86E-06	1.81E-06	6.53E-10	1.97E-09	1.14E-09	1.13E-09	1.02E-09	4.66E-10	4.53E-10	2.18E-11	5.27E-10	1.16E-10	1.53E-10	2.43E-10	4.28E-11	2.38E-10	1.34E-09
1786	495111.06	3859051.99	1.86E-06	1.84E-06	1.78E-06	6.44E-10	1.95E-09	1.13E-09	1.11E-09	1.01E-09	4.60E-10	4.46E-10	2.15E-11	5.20E-10	1.15E-10	1.51E-10	2.39E-10	4.22E-11	2.34E-10	1.32E-09
1787	495161.06	3859051.99	1.87E-06	1.85E-06	1.79E-06	6.48E-10	1.96E-09	1.13E-09	1.12E-09	1.01E-09	4.62E-10	4.49E-10	2.16E-11	5.23E-10	1.15E-10	1.52E-10	2.41E-10	4.24E-11	2.36E-10	1.33E-09
1788	495211.06	3859051.99	1.84E-06	1.82E-06	1.76E-06	6.37E-10	1.92E-09	1.11E-09	1.10E-09	9.97E-10	4.55E-10	4.42E-10	2.13E-11	5.14E-10	1.13E-10	1.49E-10	2.37E-10	4.17E-11	2.32E-10	1.31E-09
1789	495261.06	3859051.99	1.84E-06	1.82E-06	1.77E-06	6.38E-10	1.93E-09	1.11E-09	1.10E-09	9.97E-10	4.55E-10	4.42E-10	2.13E-11	5.14E-10	1.14E-10	1.49E-10	2.37E-10	4.18E-11	2.32E-10	1.31E-09
1790	495311.06	3859051.99	1.82E-06	1.80E-06	1.74E-06	6.30E-10	1.90E-09	1.10E-09	1.09E-09	9.85E-10	4.50E-10	4.37E-10	2.10E-11	5.08E-10	1.12E-10	1.48E-10	2.34E-10	4.13E-11	2.29E-10	1.29E-09
1791	495361.06	3859051.99	1.81E-06	1.78E-06	1.73E-06	6.26E-10	1.89E-09	1.09E-09	1.08E-09	9.79E-10	4.47E-10	4.34E-10	2.09E-11	5.05E-10	1.11E-10	1.47E-10	2.33E-10	4.10E-11	2.28E-10	1.28E-09
1792	495411.06	3859051.99	1.80E-06	1.78E-06	1.73E-06	6.24E-10	1.88E-09	1.09E-09	1.08E-09	9.75E-10	4.45E-10	4.32E-10	2.08E-11	5.03E-10	1.11E-10	1.46E-10	2.32E-10	4.08E-11	2.27E-10	1.28E-09
1793	495461.06	3859051.99	1.79E-06	1.77E-06	1.72E-06	6.21E-10	1.88E-09	1.09E-09	1.07E-09	9.72E-10	4.43E-10	4.30E-10	2.07E-11	5.01E-10	1.11E-10	1.46E-10	2.31E-10	4.07E-11	2.26E-10	1.28E-09
1794	495511.06	3859051.99	1.76E-06	1.74E-06	1.69E-06	6.09E-10	1.84E-09	1.06E-09	1.05E-09	9.53E-10	4.35E-10	4.22E-10	2.03E-11	4.91E-10	1.08E-10	1.43E-10	2.26E-10	3.99E-11	2.22E-10	1.25E-09
1795	495561.06	3859051.99	1.73E-06	1.71E-06	1.66E-06	6.00E-10	1.81E-09	1.05E-09	1.03E-09	9.38E-10	4.28E-10	4.16E-10	2.00E-11	4.84E-10	1.07E-10	1.40E-10	2.23E-10	3.93E-11	2.18E-10	1.23E-09

1796	495611.06	3859051.99	1.71E-06	1.69E-06	1.64E-06	5.91E-10	1.79E-09	1.03E-09	1.02E-09	9.25E-10	4.22E-10	4.10E-10	1.97E-11	4.77E-10	1.05E-10	1.39E-10	2.20E-10	3.87E-11	2.15E-10	1.21E-09
1797	495661.06	3859051.99	1.71E-06	1.69E-06	1.64E-06	5.92E-10	1.79E-09	1.04E-09	1.02E-09	9.26E-10	4.23E-10	4.10E-10	1.98E-11	4.78E-10	1.05E-10	1.39E-10	2.20E-10	3.88E-11	2.15E-10	1.22E-09
1798	494311.06	3859101.99	2.75E-06	2.72E-06	2.64E-06	9.54E-10	2.88E-09	1.67E-09	1.65E-09	1.49E-09	6.80E-10	6.61E-10	3.18E-11	7.69E-10	1.70E-10	2.23E-10	3.54E-10	6.24E-11	3.47E-10	1.96E-09
1799	494361.06	3859101.99	2.72E-06	2.68E-06	2.61E-06	9.41E-10	2.84E-09	1.65E-09	1.62E-09	1.47E-09	6.72E-10	6.52E-10	3.14E-11	7.59E-10	1.68E-10	2.20E-10	3.50E-10	6.16E-11	3.42E-10	1.93E-09
1800	494411.06	3859101.99	2.69E-06	2.66E-06	2.58E-06	9.31E-10	2.81E-09	1.63E-09	1.61E-09	1.46E-09	6.65E-10	6.45E-10	3.11E-11	7.51E-10	1.66E-10	2.18E-10	3.46E-10	6.10E-11	3.39E-10	1.91E-09
1801	494461.06	3859101.99	2.64E-06	2.61E-06	2.53E-06	9.15E-10	2.76E-09	1.60E-09	1.58E-09	1.43E-09	6.53E-10	6.34E-10	3.05E-11	7.38E-10	1.63E-10	2.14E-10	3.40E-10	5.99E-11	3.33E-10	1.88E-09
1802	494511.06	3859101.99	2.57E-06	2.54E-06	2.47E-06	8.91E-10	2.69E-09	1.56E-09	1.54E-09	1.39E-09	6.36E-10	6.18E-10	2.98E-11	7.19E-10	1.59E-10	2.09E-10	3.31E-10	5.84E-11	3.24E-10	1.83E-09
1803	494561.06	3859101.99	2.52E-06	2.49E-06	2.42E-06	8.73E-10	2.64E-09	1.53E-09	1.51E-09	1.37E-09	6.23E-10	6.05E-10	2.92E-11	7.04E-10	1.55E-10	2.04E-10	3.24E-10	5.72E-11	3.17E-10	1.79E-09
1804	494611.06	3859101.99	2.44E-06	2.41E-06	2.34E-06	8.46E-10	2.55E-09	1.48E-09	1.46E-09	1.32E-09	6.04E-10	5.86E-10	2.82E-11	6.82E-10	1.51E-10	1.98E-10	3.14E-10	5.54E-11	3.08E-10	1.74E-09
1805	494661.06	3859101.99	2.39E-06	2.36E-06	2.29E-06	8.29E-10	2.50E-09	1.45E-09	1.43E-09	1.30E-09	5.91E-10	5.74E-10	2.77E-11	6.68E-10	1.47E-10	1.94E-10	3.08E-10	5.43E-11	3.01E-10	1.70E-09
1806	494711.06	3859101.99	2.31E-06	2.28E-06	2.21E-06	7.99E-10	2.41E-09	1.40E-09	1.38E-09	1.25E-09	5.70E-10	5.54E-10	2.67E-11	6.45E-10	1.42E-10	1.87E-10	2.97E-10	5.23E-11	2.91E-10	1.64E-09
1807	494761.06	3859101.99	2.28E-06	2.25E-06	2.19E-06	7.91E-10	2.39E-09	1.38E-09	1.36E-09	1.24E-09	5.64E-10	5.48E-10	2.64E-11	6.38E-10	1.41E-10	1.85E-10	2.94E-10	5.18E-11	2.87E-10	1.62E-09
1808	494811.06	3859101.99	2.23E-06	2.20E-06	2.14E-06	7.71E-10	2.33E-09	1.35E-09	1.33E-09	1.21E-09	5.50E-10	5.34E-10	2.58E-11	6.22E-10	1.37E-10	1.81E-10	2.87E-10	5.05E-11	2.80E-10	1.58E-09
1809	494861.06	3859101.99	2.18E-06	2.15E-06	2.09E-06	7.54E-10	2.28E-09	1.32E-09	1.30E-09	1.18E-09	5.38E-10	5.23E-10	2.52E-11	6.09E-10	1.34E-10	1.77E-10	2.80E-10	4.94E-11	2.74E-10	1.55E-09
1810	494911.06	3859101.99	2.11E-06	2.08E-06	2.02E-06	7.31E-10	2.21E-09	1.28E-09	1.26E-09	1.14E-09	5.22E-10	5.07E-10	2.44E-11	5.90E-10	1.30E-10	1.71E-10	2.72E-10	4.79E-11	2.66E-10	1.50E-09
1811	494961.06	3859101.99	2.02E-06	1.99E-06	1.93E-06	6.98E-10	2.11E-09	1.22E-09	1.20E-09	1.09E-09	4.98E-10	4.83E-10	2.33E-11	5.63E-10	1.24E-10	1.63E-10	2.59E-10	4.57E-11	2.54E-10	1.43E-09
1812	495011.06	3859101.99	1.92E-06	1.89E-06	1.84E-06	6.64E-10	2.01E-09	1.16E-09	1.15E-09	1.04E-09	4.74E-10	4.60E-10	2.22E-11	5.36E-10	1.18E-10	1.56E-10	2.47E-10	4.35E-11	2.42E-10	1.36E-09
1813	495061.06	3859101.99	1.91E-06	1.89E-06	1.83E-06	6.63E-10	2.00E-09	1.16E-09	1.14E-09	1.04E-09	4.73E-10	4.59E-10	2.21E-11	5.34E-10	1.18E-10	1.55E-10	2.46E-10	4.34E-11	2.41E-10	1.36E-09
1814	495111.06	3859101.99	1.88E-06	1.86E-06	1.81E-06	6.52E-10	1.97E-09	1.14E-09	1.13E-09	1.02E-09	4.65E-10	4.52E-10	2.18E-11	5.26E-10	1.16E-10	1.53E-10	2.42E-10	4.27E-11	2.37E-10	1.34E-09
1815	495161.06	3859101.99	1.90E-06	1.87E-06	1.82E-06	6.56E-10	1.98E-09	1.15E-09	1.13E-09	1.03E-09	4.68E-10	4.55E-10	2.19E-11	5.29E-10	1.17E-10	1.54E-10	2.44E-10	4.30E-11	2.39E-10	1.35E-09
1816	495211.06	3859101.99	1.87E-06	1.84E-06	1.79E-06	6.47E-10	1.95E-09	1.13E-09	1.12E-09	1.01E-09	4.61E-10	4.48E-10	2.16E-11	5.22E-10	1.15E-10	1.51E-10	2.40E-10	4.23E-11	2.35E-10	1.33E-09
1817	495261.06	3859101.99	1.86E-06	1.84E-06	1.79E-06	6.45E-10	1.95E-09	1.13E-09	1.11E-09	1.01E-09	4.60E-10	4.47E-10	2.15E-11	5.20E-10	1.15E-10	1.51E-10	2.40E-10	4.22E-11	2.35E-10	1.32E-09
1818	495311.06	3859101.99	1.85E-06	1.82E-06	1.77E-06	6.39E-10	1.93E-09	1.12E-09	1.10E-09	1.00E-09	4.56E-10	4.43E-10	2.14E-11	5.16E-10	1.14E-10	1.50E-10	2.38E-10	4.19E-11	2.33E-10	1.31E-09
1819	495361.06	3859101.99	1.85E-06	1.82E-06	1.77E-06	6.39E-10	1.93E-09	1.12E-09	1.10E-09	1.00E-09	4.56E-10	4.43E-10	2.13E-11	5.16E-10	1.14E-10	1.50E-10	2.37E-10	4.19E-11	2.32E-10	1.31E-09
1820	495411.06	3859101.99	1.84E-06	1.81E-06	1.76E-06	6.35E-10	1.92E-09	1.11E-09	1.10E-09	9.94E-10	4.53E-10	4.40E-10	2.12E-11	5.13E-10	1.13E-10	1.49E-10	2.36E-10	4.16E-11	2.31E-10	1.30E-09
1821	495461.06	3859101.99	1.81E-06	1.79E-06	1.74E-06	6.28E-10	1.90E-09	1.10E-09	1.08E-09	9.82E-10	4.48E-10	4.35E-10	2.10E-11	5.06E-10	1.12E-10	1.47E-10	2.33E-10	4.11E-11	2.28E-10	1.29E-09
1822	495511.06	3859101.99	1.80E-06	1.77E-06	1.72E-06	6.22E-10	1.88E-09	1.09E-09	1.07E-09	9.73E-10	4.44E-10	4.31E-10	2.08E-11	5.02E-10	1.11E-10	1.46E-10	2.31E-10	4.07E-11	2.26E-10	1.28E-09
1823	495561.06	3859101.99	1.77E-06	1.75E-06	1.70E-06	6.12E-10	1.85E-09	1.07E-09	1.06E-09	9.58E-10	4.37E-10	4.24E-10	2.05E-11	4.94E-10	1.09E-10	1.43E-10	2.28E-10	4.01E-11	2.23E-10	1.26E-09
1824	495611.06	3859101.99	1.74E-06	1.72E-06	1.67E-06	6.03E-10	1.82E-09	1.05E-09	1.04E-09	9.42E-10	4.30E-10	4.18E-10	2.01E-11	4.86E-10	1.07E-10	1.41E-10	2.24E-10	3.95E-11	2.19E-10	1.24E-09
1825	495661.06	3859101.99	1.73E-06	1.71E-06	1.66E-06	6.00E-10	1.81E-09	1.05E-09	1.04E-09	9.39E-10	4.28E-10	4.16E-10	2.00E-11	4.84E-10	1.07E-10	1.41E-10	2.23E-10	3.93E-11	2.18E-10	1.23E-09
1826	494311.06	3859151.99	2.79E-06	2.75E-06	2.67E-06	9.65E-10	2.91E-09	1.69E-09	1.66E-09	1.51E-09	6.89E-10	6.69E-10	3.22E-11	7.78E-10	1.72E-10	2.26E-10	3.59E-10	6.32E-11	3.51E-10	1.98E-09
1827	494361.06	3859151.99	2.76E-06	2.73E-06	2.65E-06	9.57E-10	2.89E-09	1.67E-09	1.65E-09	1.50E-09	6.83E-10	6.63E-10	3.19E-11	7.72E-10	1.70E-10	2.24E-10	3.55E-10	6.26E-11	3.48E-10	1.96E-09
1828	494411.06	3859151.99	2.71E-06	2.67E-06	2.60E-06	9.38E-10	2.83E-09	1.64E-09	1.62E-09	1.47E-09	6.69E-10	6.50E-10	3.13E-11	7.56E-10	1.67E-10	2.20E-10	3.48E-10	6.14E-11	3.41E-10	1.92E-09
1829	494461.06	3859151.99	2.65E-06	2.62E-06	2.54E-06	9.18E-10	2.77E-09	1.60E-09	1.58E-09	1.44E-09	6.55E-10	6.36E-10	3.07E-11	7.41E-10	1.63E-10	2.15E-10	3.41E-10	6.01E-11	3.34E-10	1.88E-09
1830	494511.06	3859151.99	2.58E-06	2.55E-06	2.47E-06	8.94E-10	2.70E-09	1.56E-09	1.54E-09	1.40E-09	6.38E-10	6.19E-10	2.98E-11	7.21E-10	1.59E-10	2.09E-10	3.32E-10	5.85E-11	3.25E-10	1.83E-09
1831	494561.06	3859151.99	2.54E-06	2.51E-06	2.43E-06	8.79E-10	2.65E-09	1.54E-09	1.52E-09	1.37E-09	6.27E-10	6.09E-10	2.93E-11	7.09E-10	1.56E-10	2.06E-10	3.26E-10	5.75E-11	3.20E-10	1.80E-09
1832	494611.06	3859151.99	2.47E-06	2.44E-06	2.37E-06	8.55E-10	2.58E-09	1.49E-09	1.47E-09	1.34E-09	6.10E-10	5.92E-10	2.85E-11	6.89E-10	1.52E-10	2.00E-10	3.18E-10	5.60E-11	3.11E-10	1.75E-09
1833	494661.06	3859151.99	2.42E-06	2.39E-06	2.32E-06	8.39E-10	2.53E-09	1.47E-09	1.45E-09	1.31E-09	5.99E-10	5.81E-10	2.80E-11	6.77E-10	1.49E-10	1.96E-10	3.12E-10	5.49E-11	3.05E-10	1.72E-09
1834	494711.06	3859151.99	2.38E-06	2.35E-06	2.29E-06	8.25E-10	2.49E-09	1.44E-09	1.42E-09	1.29E-09	5.89E-10	5.72E-10	2.76E-11	6.66E-10	1.47E-10	1.93E-10	3.07E-10	5.40E-11	3.00E-10	1.69E-09
1835	494761.06	3859151.99	2.31E-06	2.28E-06	2.21E-06	7.99E-10	2.41E-09	1.40E-09	1.38E-09	1.25E-09	5.70E-10	5.53E-10	2.67E-11	6.44E-10	1.42E-10	1.87E-10	2.97E-10	5.23E-11	2.90E-10	1.64E-09
1836	494811.06	3859151.99	2.24E-06	2.21E-06	2.15E-06	7.77E-10	2.35E-09	1.36E-09	1.34E-09	1.21E-09	5.54E-10	5.38E-10	2.59E-11	6.26E-10	1.38E-10	1.82E-10	2.89E-10	5.09E-11	2.82E-10	1.59E-09
1837	494861.06	3859151.99	2.20E-06	2.17E-06	2.11E-06	7.62E-10	2.30E-09	1.33E-09	1.31E-09	1.19E-09	5.44E-10	5.28E-10	2.55E-11	6.15E-10	1.36E-10	1.79E-10	2.83E-10	4.99E-11	2.77E-10	1.56E-09
1838	494911.06	3859151.99	2.13E-06	2.10E-06	2.04E-06	7.36E-10	2.22E-09	1.29E-09	1.27E-09	1.15E-09	5.25E-10	5.10E-10	2.46E-11	5.94E-10	1.31E-10	1.72E-10	2.74E-10	4.82E-11	2.68E-10	1.51E-09
1839	494961.06	3859151.99	2.03E-06	2.00E-06	1.95E-06	7.03E-10	2.12E-09	1.23E-09	1.21E-09	1.10E-09	5.01E-10	4.87E-10	2.35E-11	5.67E-10	1.25E-10	1.65E-10	2.61E-10	4.60E-11	2.56E-10	1.44E-09
1840	495011.06	3859151.99	1.94E-06	1.92E-06	1.86E-06	6.73E-10	2.03E-09	1.18E-09	1.16E-09	1.05E-09	4.80E-10	4.66E-10	2.25E-11	5.43E-10	1.20E-10	1.58E-10	2.50E-10	4.41E-11	2.45E-10	1.38E-09
1841	495061.06	3859151.99	1.93E-06	1.91E-06	1.85E-06	6.69E-10	2.02E-09	1.17E-09	1.15E-09	1.05E-09	4.77E-10	4.63E-10	2.23E-11	5.39E-10	1.19E-10	1.57E-10	2.48E-10	4.38E-11	2.43E-10	1.37E-09
1842	495111.06	3859151.99	1.91E-06	1.89E-06	1.83E-06	6.62E-10	2.00E-09	1.16E-09	1.14E-09	1.03E-09	4.72E-10	4.59E-10	2.21E-11	5.34E-10	1.18E-10	1.55E-10	2.46E-10	4.33E-11	2.41E-10	1.36E-09
1843	495161.06	3859151.99	1.92E-06	1.90E-06	1.84E-06	6.66E-10	2.01E-09	1.16E-09	1.15E-09	1.04E-09	4.75E-10	4.61E-10	2.22E-11	5.37E-10	1.18E-10	1.56E-10	2.47E-10	4.36E-11	2.42E-10	1.37E-09
1844	495211.06	3859151.99	1.91E-06	1.88E-06	1.83E-06	6.60E-10	1.99E-09	1.15E-09	1.14E-09	1.03E-09	4.71E-10	4.57E-10	2.20E-11	5.32E-10	1.17E-10	1.55E-10	2.45E-10	4.32E-11	2.40E-10	1.35E-09
1845	495261.06	3859151.99	1.89E-06	1.87E-06	1.81E-06	6.54E-10	1.98E-09	1.14E-09	1.13E-09	1.02E-09	4.67E-10	4.53E-10	2.19E-11	5.28E-10	1.16E-10	1.53E-10	2.43E-10	4.29E-11	2.38E-10	1.34E-09
1846	495311.06	3859151.99	1.88E-06	1.85E-06	1.80E-06	6.50E-10	1.96E-09	1.14E-09	1.12E-09	1.02E-09	4.64E-10	4.51E-10	2.17E-11	5.24E-10	1.16E-10	1.52E-10	2.42E-10	4.26E-11	2.36E-10	1.33E-09
1847	495361.06	3859151.99	1.86E-06	1.84E-06	1.79E-06	6.45E-10	1.95E-09	1.13E-09	1.11E-09	1.01E-09	4.60E-10	4.47E-10	2.15E-11	5.20E-10	1.15E-10	1.51E-10	2.40E-10	4.23E-11	2.35E-10	1.32E-09
1848	495411.06	3859151.99	1.87E-06	1.85E-06	1.79E-06	6.48E-10	1.96E-09	1.13E-09	1.12E-09	1.01E-09	4.62E-10	4.49E-10	2.16E-11	5.23E-10	1.15E-10	1.52E-10	2.41E-10	4.24E-11	2.36E-10	1.33E-09

1849	495461.06	3859151.99	1.86E-06	1.83E-06	1.78E-06	6.43E-10	1.94E-09	1.12E-09	1.11E-09	1.01E-09	4.59E-10	4.46E-10	2.15E-11	5.19E-10	1.15E-10	1.51E-10	2.39E-10	4.21E-11	2.34E-10	1.32E-09
1850	495511.06	3859151.99	1.83E-06	1.80E-06	1.75E-06	6.32E-10	1.91E-09	1.10E-09	1.09E-09	9.89E-10	4.51E-10	4.38E-10	2.11E-11	5.10E-10	1.13E-10	1.48E-10	2.35E-10	4.14E-11	2.30E-10	1.30E-09
1851	495561.06	3859151.99	1.80E-06	1.78E-06	1.73E-06	6.24E-10	1.88E-09	1.09E-09	1.08E-09	9.75E-10	4.45E-10	4.32E-10	2.08E-11	5.03E-10	1.11E-10	1.46E-10	2.32E-10	4.08E-11	2.27E-10	1.28E-09
1852	495611.06	3859151.99	1.78E-06	1.76E-06	1.71E-06	6.17E-10	1.86E-09	1.08E-09	1.06E-09	9.64E-10	4.40E-10	4.27E-10	2.06E-11	4.97E-10	1.10E-10	1.44E-10	2.29E-10	4.04E-11	2.24E-10	1.27E-09
1853	495661.06	3859151.99	1.76E-06	1.74E-06	1.69E-06	6.10E-10	1.84E-09	1.07E-09	1.05E-09	9.54E-10	4.35E-10	4.23E-10	2.04E-11	4.92E-10	1.09E-10	1.43E-10	2.27E-10	4.00E-11	2.22E-10	1.25E-09
1854	494311.06	3859201.99	2.81E-06	2.77E-06	2.69E-06	9.73E-10	2.94E-09	1.70E-09	1.68E-09	1.52E-09	6.94E-10	6.74E-10	3.25E-11	7.85E-10	1.73E-10	2.28E-10	3.62E-10	6.37E-11	3.54E-10	2.00E-09
1855	494361.06	3859201.99	2.78E-06	2.74E-06	2.66E-06	9.61E-10	2.90E-09	1.68E-09	1.66E-09	1.50E-09	6.86E-10	6.66E-10	3.21E-11	7.75E-10	1.71E-10	2.25E-10	3.57E-10	6.29E-11	3.49E-10	1.97E-09
1856	494411.06	3859201.99	2.73E-06	2.69E-06	2.62E-06	9.45E-10	2.85E-09	1.65E-09	1.63E-09	1.48E-09	6.74E-10	6.55E-10	3.15E-11	7.62E-10	1.68E-10	2.21E-10	3.51E-10	6.19E-11	3.43E-10	1.94E-09
1857	494461.06	3859201.99	2.66E-06	2.63E-06	2.55E-06	9.21E-10	2.78E-09	1.61E-09	1.59E-09	1.44E-09	6.58E-10	6.38E-10	3.08E-11	7.43E-10	1.64E-10	2.16E-10	3.42E-10	6.03E-11	3.35E-10	1.89E-09
1858	494511.06	3859201.99	2.62E-06	2.58E-06	2.51E-06	9.06E-10	2.73E-09	1.58E-09	1.56E-09	1.42E-09	6.46E-10	6.28E-10	3.02E-11	7.31E-10	1.61E-10	2.12E-10	3.37E-10	5.93E-11	3.29E-10	1.86E-09
1859	494561.06	3859201.99	2.54E-06	2.51E-06	2.44E-06	8.81E-10	2.66E-09	1.54E-09	1.52E-09	1.38E-09	6.28E-10	6.10E-10	2.94E-11	7.10E-10	1.57E-10	2.06E-10	3.27E-10	5.77E-11	3.20E-10	1.81E-09
1860	494611.06	3859201.99	2.49E-06	2.45E-06	2.38E-06	8.61E-10	2.60E-09	1.50E-09	1.49E-09	1.35E-09	6.14E-10	5.97E-10	2.88E-11	6.94E-10	1.53E-10	2.02E-10	3.20E-10	5.64E-11	3.13E-10	1.77E-09
1861	494661.06	3859201.99	2.44E-06	2.41E-06	2.34E-06	8.45E-10	2.55E-09	1.48E-09	1.46E-09	1.32E-09	6.03E-10	5.86E-10	2.82E-11	6.82E-10	1.50E-10	1.98E-10	3.14E-10	5.54E-11	3.07E-10	1.74E-09
1862	494711.06	3859201.99	2.40E-06	2.37E-06	2.30E-06	8.30E-10	2.51E-09	1.45E-09	1.43E-09	1.30E-09	5.92E-10	5.75E-10	2.77E-11	6.69E-10	1.48E-10	1.94E-10	3.08E-10	5.43E-11	3.02E-10	1.70E-09
1863	494761.06	3859201.99	2.33E-06	2.30E-06	2.23E-06	8.05E-10	2.43E-09	1.41E-09	1.39E-09	1.26E-09	5.74E-10	5.58E-10	2.69E-11	6.49E-10	1.43E-10	1.89E-10	2.99E-10	5.27E-11	2.93E-10	1.65E-09
1864	494811.06	3859201.99	2.27E-06	2.24E-06	2.17E-06	7.85E-10	2.37E-09	1.37E-09	1.35E-09	1.23E-09	5.60E-10	5.44E-10	2.62E-11	6.33E-10	1.40E-10	1.84E-10	2.92E-10	5.14E-11	2.85E-10	1.61E-09
1865	494861.06	3859201.99	2.20E-06	2.17E-06	2.11E-06	7.61E-10	2.30E-09	1.33E-09	1.31E-09	1.19E-09	5.43E-10	5.27E-10	2.54E-11	6.14E-10	1.35E-10	1.78E-10	2.83E-10	4.98E-11	2.77E-10	1.56E-09
1866	494911.06	3859201.99	2.12E-06	2.09E-06	2.03E-06	7.34E-10	2.22E-09	1.28E-09	1.27E-09	1.15E-09	5.23E-10	5.08E-10	2.45E-11	5.92E-10	1.31E-10	1.72E-10	2.73E-10	4.80E-11	2.67E-10	1.51E-09
1867	494961.06	3859201.99	2.04E-06	2.01E-06	1.95E-06	7.05E-10	2.13E-09	1.23E-09	1.22E-09	1.10E-09	5.03E-10	4.88E-10	2.35E-11	5.69E-10	1.25E-10	1.65E-10	2.62E-10	4.62E-11	2.56E-10	1.45E-09
1868	495011.06	3859201.99	1.93E-06	1.91E-06	1.85E-06	6.69E-10	2.02E-09	1.17E-09	1.15E-09	1.05E-09	4.77E-10	4.63E-10	2.23E-11	5.39E-10	1.19E-10	1.57E-10	2.48E-10	4.38E-11	2.43E-10	1.37E-09
1869	495061.06	3859201.99	1.96E-06	1.94E-06	1.88E-06	6.79E-10	2.05E-09	1.19E-09	1.17E-09	1.06E-09	4.85E-10	4.71E-10	2.27E-11	5.48E-10	1.21E-10	1.59E-10	2.52E-10	4.45E-11	2.47E-10	1.39E-09
1870	495111.06	3859201.99	1.96E-06	1.93E-06	1.88E-06	6.77E-10	2.05E-09	1.18E-09	1.17E-09	1.06E-09	4.83E-10	4.69E-10	2.26E-11	5.46E-10	1.21E-10	1.59E-10	2.52E-10	4.44E-11	2.46E-10	1.39E-09
1871	495161.06	3859201.99	1.95E-06	1.92E-06	1.86E-06	6.73E-10	2.03E-09	1.18E-09	1.16E-09	1.05E-09	4.81E-10	4.67E-10	2.25E-11	5.43E-10	1.20E-10	1.58E-10	2.50E-10	4.41E-11	2.45E-10	1.38E-09
1872	495211.06	3859201.99	1.92E-06	1.90E-06	1.84E-06	6.65E-10	2.01E-09	1.16E-09	1.15E-09	1.04E-09	4.74E-10	4.61E-10	2.22E-11	5.36E-10	1.18E-10	1.56E-10	2.47E-10	4.35E-11	2.42E-10	1.36E-09
1873	495261.06	3859201.99	1.92E-06	1.89E-06	1.84E-06	6.63E-10	2.00E-09	1.16E-09	1.14E-09	1.04E-09	4.73E-10	4.59E-10	2.21E-11	5.35E-10	1.18E-10	1.55E-10	2.46E-10	4.34E-11	2.41E-10	1.36E-09
1874	495311.06	3859201.99	1.90E-06	1.88E-06	1.82E-06	6.59E-10	1.99E-09	1.15E-09	1.14E-09	1.03E-09	4.70E-10	4.57E-10	2.20E-11	5.32E-10	1.17E-10	1.54E-10	2.45E-10	4.32E-11	2.40E-10	1.35E-09
1875	495361.06	3859201.99	1.90E-06	1.87E-06	1.82E-06	6.56E-10	1.98E-09	1.15E-09	1.13E-09	1.03E-09	4.68E-10	4.55E-10	2.19E-11	5.29E-10	1.17E-10	1.54E-10	2.44E-10	4.30E-11	2.39E-10	1.35E-09
1876	495411.06	3859201.99	1.90E-06	1.87E-06	1.82E-06	6.58E-10	1.99E-09	1.15E-09	1.13E-09	1.03E-09	4.69E-10	4.56E-10	2.20E-11	5.30E-10	1.17E-10	1.54E-10	2.44E-10	4.31E-11	2.39E-10	1.35E-09
1877	495461.06	3859201.99	1.88E-06	1.86E-06	1.80E-06	6.51E-10	1.97E-09	1.14E-09	1.12E-09	1.02E-09	4.65E-10	4.51E-10	2.18E-11	5.25E-10	1.16E-10	1.53E-10	2.42E-10	4.27E-11	2.37E-10	1.34E-09
1878	495511.06	3859201.99	1.86E-06	1.84E-06	1.79E-06	6.45E-10	1.95E-09	1.13E-09	1.11E-09	1.01E-09	4.61E-10	4.47E-10	2.16E-11	5.21E-10	1.15E-10	1.51E-10	2.40E-10	4.23E-11	2.35E-10	1.32E-09
1879	495561.06	3859201.99	1.83E-06	1.81E-06	1.75E-06	6.33E-10	1.91E-09	1.11E-09	1.09E-09	9.90E-10	4.52E-10	4.39E-10	2.11E-11	5.11E-10	1.13E-10	1.48E-10	2.35E-10	4.15E-11	2.30E-10	1.30E-09
1880	495611.06	3859201.99	1.80E-06	1.78E-06	1.73E-06	6.24E-10	1.89E-09	1.09E-09	1.08E-09	9.77E-10	4.46E-10	4.33E-10	2.09E-11	5.04E-10	1.11E-10	1.46E-10	2.32E-10	4.09E-11	2.27E-10	1.28E-09
1881	495661.06	3859201.99	1.79E-06	1.76E-06	1.71E-06	6.18E-10	1.87E-09	1.08E-09	1.07E-09	9.67E-10	4.41E-10	4.29E-10	2.07E-11	4.99E-10	1.10E-10	1.45E-10	2.30E-10	4.05E-11	2.25E-10	1.27E-09
1882	494311.06	3859251.99	2.83E-06	2.79E-06	2.71E-06	9.79E-10	2.96E-09	1.71E-09	1.69E-09	1.53E-09	6.99E-10	6.79E-10	3.27E-11	7.90E-10	1.74E-10	2.29E-10	3.64E-10	6.41E-11	3.56E-10	2.01E-09
1883	494361.06	3859251.99	2.78E-06	2.74E-06	2.66E-06	9.62E-10	2.91E-09	1.68E-09	1.66E-09	1.50E-09	6.87E-10	6.67E-10	3.21E-11	7.76E-10	1.71E-10	2.25E-10	3.58E-10	6.30E-11	3.50E-10	1.98E-09
1884	494411.06	3859251.99	2.71E-06	2.68E-06	2.60E-06	9.39E-10	2.84E-09	1.64E-09	1.62E-09	1.47E-09	6.70E-10	6.51E-10	3.14E-11	7.57E-10	1.67E-10	2.20E-10	3.49E-10	6.15E-11	3.41E-10	1.93E-09
1885	494461.06	3859251.99	2.67E-06	2.63E-06	2.56E-06	9.24E-10	2.79E-09	1.61E-09	1.59E-09	1.44E-09	6.59E-10	6.40E-10	3.08E-11	7.45E-10	1.64E-10	2.16E-10	3.43E-10	6.05E-11	3.36E-10	1.90E-09
1886	494511.06	3859251.99	2.60E-06	2.56E-06	2.49E-06	8.99E-10	2.71E-09	1.57E-09	1.55E-09	1.41E-09	6.41E-10	6.23E-10	3.00E-11	7.25E-10	1.60E-10	2.11E-10	3.34E-10	5.89E-11	3.27E-10	1.85E-09
1887	494561.06	3859251.99	2.55E-06	2.52E-06	2.44E-06	8.83E-10	2.66E-09	1.54E-09	1.52E-09	1.38E-09	6.30E-10	6.12E-10	2.95E-11	7.12E-10	1.57E-10	2.07E-10	3.28E-10	5.78E-11	3.21E-10	1.81E-09
1888	494611.06	3859251.99	2.49E-06	2.46E-06	2.39E-06	8.62E-10	2.60E-09	1.51E-09	1.49E-09	1.35E-09	6.15E-10	5.97E-10	2.88E-11	6.95E-10	1.53E-10	2.02E-10	3.20E-10	5.64E-11	3.13E-10	1.77E-09
1889	494661.06	3859251.99	2.46E-06	2.42E-06	2.35E-06	8.50E-10	2.57E-09	1.49E-09	1.47E-09	1.33E-09	6.07E-10	5.89E-10	2.84E-11	6.86E-10	1.51E-10	1.99E-10	3.16E-10	5.57E-11	3.09E-10	1.75E-09
1890	494711.06	3859251.99	2.41E-06	2.38E-06	2.31E-06	8.35E-10	2.52E-09	1.46E-09	1.44E-09	1.31E-09	5.95E-10	5.78E-10	2.79E-11	6.73E-10	1.49E-10	1.95E-10	3.10E-10	5.46E-11	3.03E-10	1.71E-09
1891	494761.06	3859251.99	2.30E-06	2.27E-06	2.21E-06	7.96E-10	2.40E-09	1.39E-09	1.37E-09	1.25E-09	5.68E-10	5.52E-10	2.66E-11	6.42E-10	1.42E-10	1.87E-10	2.96E-10	5.22E-11	2.90E-10	1.64E-09
1892	494811.06	3859251.99	2.28E-06	2.25E-06	2.19E-06	7.91E-10	2.39E-09	1.38E-09	1.36E-09	1.24E-09	5.64E-10	5.48E-10	2.64E-11	6.38E-10	1.41E-10	1.85E-10	2.94E-10	5.18E-11	2.88E-10	1.62E-09
1893	494861.06	3859251.99	2.19E-06	2.16E-06	2.10E-06	7.58E-10	2.29E-09	1.33E-09	1.31E-09	1.19E-09	5.41E-10	5.25E-10	2.53E-11	6.12E-10	1.35E-10	1.78E-10	2.82E-10	4.97E-11	2.76E-10	1.56E-09
1894	494911.06	3859251.99	2.11E-06	2.08E-06	2.02E-06	7.30E-10	2.20E-09	1.28E-09	1.26E-09	1.14E-09	5.21E-10	5.06E-10	2.44E-11	5.89E-10	1.30E-10	1.71E-10	2.71E-10	4.78E-11	2.66E-10	1.50E-09
1895	494961.06	3859251.99	2.07E-06	2.04E-06	1.98E-06	7.15E-10	2.16E-09	1.25E-09	1.23E-09	1.12E-09	5.10E-10	4.96E-10	2.39E-11	5.77E-10	1.27E-10	1.68E-10	2.66E-10	4.68E-11	2.60E-10	1.47E-09
1896	495011.06	3859251.99	2.02E-06	1.99E-06	1.93E-06	6.98E-10	2.11E-09	1.22E-09	1.20E-09	1.09E-09	4.98E-10	4.84E-10	2.33E-11	5.63E-10	1.24E-10	1.63E-10	2.59E-10	4.57E-11	2.54E-10	1.43E-09
1897	495061.06	3859251.99	2.01E-06	1.99E-06	1.93E-06	6.97E-10	2.11E-09	1.22E-09	1.20E-09	1.09E-09	4.97E-10	4.83E-10	2.33E-11	5.62E-10	1.24E-10	1.63E-10	2.59E-10	4.57E-11	2.54E-10	1.43E-09
1898	495111.06	3859251.99	1.99E-06	1.97E-06	1.91E-06	6.90E-10	2.08E-09	1.21E-09	1.19E-09	1.08E-09	4.92E-10	4.78E-10	2.30E-11	5.56E-10	1.23E-10	1.61E-10	2.56E-10	4.52E-11	2.51E-10	1.42E-09
1899	495161.06	3859251.99	1.98E-06	1.95E-06	1.90E-06	6.85E-10	2.07E-09	1.20E-09	1.18E-09	1.07E-09	4.89E-10	4.75E-10	2.29E-11	5.53E-10	1.22E-10	1.60E-10	2.55E-10	4.49E-11	2.49E-10	1.41E-09
1900	495211.06	3859251.99	1.96E-06	1.93E-06	1.87E-06	6.77E-10	2.04E-09	1.18E-09	1.17E-09	1.06E-09	4.83E-10	4.69E-10	2.26E-11	5.46E-10	1.20E-10	1.59E-10	2.52E-10	4.43E-11	2.46E-10	1.39E-09
1901	495261.06	3859251.99	1.94E-06	1.92E-06	1.86E-06	6.73E-10	2.03E-09	1.18E-09	1.16E-09	1.05E-09	4.80E-10	4.66E-10	2.25E-11	5.43E-10	1.20E-10	1.58E-10	2.50E-10	4.41E-11	2.45E-10	1.38E-09

1902	495311.06	3859251.99	1.94E-06	1.92E-06	1.86E-06	6.72E-10	2.03E-09	1.17E-09	1.16E-09	1.05E-09	4.79E-10	4.66E-10	2.24E-11	5.42E-10	1.20E-10	1.57E-10	2.50E-10	4.40E-11	2.44E-10	1.38E-09
1903	495361.06	3859251.99	1.93E-06	1.90E-06	1.85E-06	6.67E-10	2.01E-09	1.17E-09	1.15E-09	1.04E-09	4.76E-10	4.62E-10	2.23E-11	5.38E-10	1.19E-10	1.56E-10	2.48E-10	4.37E-11	2.42E-10	1.37E-09
1904	495411.06	3859251.99	1.93E-06	1.90E-06	1.85E-06	6.67E-10	2.01E-09	1.17E-09	1.15E-09	1.04E-09	4.76E-10	4.62E-10	2.23E-11	5.38E-10	1.19E-10	1.56E-10	2.48E-10	4.37E-11	2.43E-10	1.37E-09
1905	495461.06	3859251.99	1.91E-06	1.89E-06	1.83E-06	6.61E-10	2.00E-09	1.16E-09	1.14E-09	1.03E-09	4.72E-10	4.58E-10	2.21E-11	5.33E-10	1.18E-10	1.55E-10	2.46E-10	4.33E-11	2.41E-10	1.36E-09
1906	495511.06	3859251.99	1.87E-06	1.85E-06	1.80E-06	6.49E-10	1.96E-09	1.13E-09	1.12E-09	1.01E-09	4.63E-10	4.50E-10	2.17E-11	5.24E-10	1.16E-10	1.52E-10	2.41E-10	4.25E-11	2.36E-10	1.33E-09
1907	495561.06	3859251.99	1.85E-06	1.83E-06	1.78E-06	6.42E-10	1.94E-09	1.12E-09	1.11E-09	1.00E-09	4.58E-10	4.45E-10	2.14E-11	5.18E-10	1.14E-10	1.50E-10	2.38E-10	4.20E-11	2.33E-10	1.32E-09
1908	495611.06	3859251.99	1.82E-06	1.80E-06	1.75E-06	6.31E-10	1.91E-09	1.10E-09	1.09E-09	9.87E-10	4.50E-10	4.37E-10	2.11E-11	5.09E-10	1.12E-10	1.48E-10	2.35E-10	4.13E-11	2.30E-10	1.30E-09
1909	495661.06	3859251.99	1.80E-06	1.78E-06	1.73E-06	6.24E-10	1.88E-09	1.09E-09	1.08E-09	9.76E-10	4.45E-10	4.32E-10	2.08E-11	5.03E-10	1.11E-10	1.46E-10	2.32E-10	4.09E-11	2.27E-10	1.28E-09
1910	494311.06	3859301.99	2.84E-06	2.80E-06	2.72E-06	9.82E-10	2.96E-09	1.72E-09	1.69E-09	1.53E-09	7.00E-10	6.80E-10	3.28E-11	7.92E-10	1.75E-10	2.30E-10	3.65E-10	6.43E-11	3.57E-10	2.01E-09
1911	494361.06	3859301.99	2.78E-06	2.75E-06	2.67E-06	9.64E-10	2.91E-09	1.68E-09	1.66E-09	1.51E-09	6.88E-10	6.68E-10	3.22E-11	7.77E-10	1.72E-10	2.26E-10	3.58E-10	6.31E-11	3.50E-10	1.98E-09
1912	494411.06	3859301.99	2.72E-06	2.68E-06	2.61E-06	9.41E-10	2.84E-09	1.65E-09	1.62E-09	1.47E-09	6.72E-10	6.52E-10	3.14E-11	7.59E-10	1.68E-10	2.20E-10	3.50E-10	6.16E-11	3.42E-10	1.93E-09
1913	494461.06	3859301.99	2.66E-06	2.62E-06	2.54E-06	9.19E-10	2.78E-09	1.61E-09	1.59E-09	1.44E-09	6.56E-10	6.37E-10	3.07E-11	7.41E-10	1.64E-10	2.15E-10	3.42E-10	6.02E-11	3.34E-10	1.89E-09
1914	494511.06	3859301.99	2.60E-06	2.57E-06	2.49E-06	9.00E-10	2.72E-09	1.57E-09	1.55E-09	1.41E-09	6.42E-10	6.23E-10	3.00E-11	7.26E-10	1.60E-10	2.11E-10	3.34E-10	5.89E-11	3.27E-10	1.85E-09
1915	494561.06	3859301.99	2.55E-06	2.52E-06	2.45E-06	8.84E-10	2.67E-09	1.55E-09	1.53E-09	1.38E-09	6.31E-10	6.13E-10	2.95E-11	7.13E-10	1.57E-10	2.07E-10	3.29E-10	5.79E-11	3.22E-10	1.82E-09
1916	494611.06	3859301.99	2.51E-06	2.47E-06	2.40E-06	8.67E-10	2.62E-09	1.52E-09	1.50E-09	1.36E-09	6.19E-10	6.01E-10	2.90E-11	7.00E-10	1.54E-10	2.03E-10	3.22E-10	5.68E-11	3.15E-10	1.78E-09
1917	494661.06	3859301.99	2.46E-06	2.43E-06	2.36E-06	8.51E-10	2.57E-09	1.49E-09	1.47E-09	1.33E-09	6.07E-10	5.89E-10	2.84E-11	6.86E-10	1.51E-10	1.99E-10	3.16E-10	5.57E-11	3.09E-10	1.75E-09
1918	494711.06	3859301.99	2.40E-06	2.37E-06	2.30E-06	8.31E-10	2.51E-09	1.45E-09	1.43E-09	1.30E-09	5.93E-10	5.76E-10	2.77E-11	6.70E-10	1.48E-10	1.95E-10	3.09E-10	5.44E-11	3.02E-10	1.71E-09
1919	494761.06	3859301.99	2.35E-06	2.32E-06	2.25E-06	8.14E-10	2.46E-09	1.42E-09	1.40E-09	1.27E-09	5.81E-10	5.64E-10	2.72E-11	6.56E-10	1.45E-10	1.91E-10	3.02E-10	5.33E-11	2.96E-10	1.67E-09
1920	494811.06	3859301.99	2.28E-06	2.25E-06	2.19E-06	7.89E-10	2.38E-09	1.38E-09	1.36E-09	1.23E-09	5.63E-10	5.47E-10	2.64E-11	6.37E-10	1.40E-10	1.85E-10	2.93E-10	5.17E-11	2.87E-10	1.62E-09
1921	494861.06	3859301.99	2.19E-06	2.16E-06	2.09E-06	7.57E-10	2.28E-09	1.32E-09	1.31E-09	1.18E-09	5.40E-10	5.24E-10	2.53E-11	6.10E-10	1.35E-10	1.77E-10	2.81E-10	4.95E-11	2.75E-10	1.55E-09
1922	494911.06	3859301.99	2.14E-06	2.11E-06	2.05E-06	7.40E-10	2.23E-09	1.29E-09	1.28E-09	1.16E-09	5.28E-10	5.13E-10	2.47E-11	5.97E-10	1.32E-10	1.73E-10	2.75E-10	4.85E-11	2.69E-10	1.52E-09
1923	494961.06	3859301.99	2.05E-06	2.02E-06	1.96E-06	7.08E-10	2.14E-09	1.24E-09	1.22E-09	1.11E-09	5.05E-10	4.91E-10	2.37E-11	5.71E-10	1.26E-10	1.66E-10	2.63E-10	4.64E-11	2.58E-10	1.45E-09
1924	495011.06	3859301.99	2.01E-06	1.99E-06	1.93E-06	6.96E-10	2.10E-09	1.22E-09	1.20E-09	1.09E-09	4.97E-10	4.83E-10	2.33E-11	5.62E-10	1.24E-10	1.63E-10	2.59E-10	4.56E-11	2.53E-10	1.43E-09
1925	495061.06	3859301.99	2.05E-06	2.02E-06	1.96E-06	7.08E-10	2.14E-09	1.24E-09	1.22E-09	1.11E-09	5.05E-10	4.91E-10	2.37E-11	5.71E-10	1.26E-10	1.66E-10	2.63E-10	4.64E-11	2.58E-10	1.45E-09
1926	495111.06	3859301.99	2.00E-06	1.97E-06	1.91E-06	6.91E-10	2.09E-09	1.21E-09	1.19E-09	1.08E-09	4.93E-10	4.79E-10	2.31E-11	5.58E-10	1.23E-10	1.62E-10	2.57E-10	4.53E-11	2.51E-10	1.42E-09
1927	495161.06	3859301.99	1.99E-06	1.96E-06	1.91E-06	6.88E-10	2.08E-09	1.20E-09	1.19E-09	1.08E-09	4.91E-10	4.77E-10	2.30E-11	5.55E-10	1.22E-10	1.61E-10	2.56E-10	4.51E-11	2.50E-10	1.41E-09
1928	495211.06	3859301.99	1.99E-06	1.97E-06	1.91E-06	6.90E-10	2.08E-09	1.21E-09	1.19E-09	1.08E-09	4.92E-10	4.78E-10	2.30E-11	5.57E-10	1.23E-10	1.62E-10	2.56E-10	4.52E-11	2.51E-10	1.42E-09
1929	495261.06	3859301.99	1.99E-06	1.96E-06	1.91E-06	6.88E-10	2.08E-09	1.20E-09	1.19E-09	1.08E-09	4.91E-10	4.77E-10	2.30E-11	5.55E-10	1.22E-10	1.61E-10	2.56E-10	4.51E-11	2.50E-10	1.41E-09
1930	495311.06	3859301.99	1.96E-06	1.93E-06	1.87E-06	6.77E-10	2.04E-09	1.18E-09	1.17E-09	1.06E-09	4.83E-10	4.69E-10	2.26E-11	5.46E-10	1.20E-10	1.59E-10	2.51E-10	4.43E-11	2.46E-10	1.39E-09
1931	495361.06	3859301.99	1.95E-06	1.93E-06	1.87E-06	6.76E-10	2.04E-09	1.18E-09	1.17E-09	1.06E-09	4.82E-10	4.68E-10	2.26E-11	5.45E-10	1.20E-10	1.58E-10	2.51E-10	4.43E-11	2.46E-10	1.39E-09
1932	495411.06	3859301.99	1.94E-06	1.92E-06	1.86E-06	6.72E-10	2.03E-09	1.17E-09	1.16E-09	1.05E-09	4.80E-10	4.66E-10	2.24E-11	5.42E-10	1.20E-10	1.57E-10	2.50E-10	4.40E-11	2.44E-10	1.38E-09
1933	495461.06	3859301.99	1.93E-06	1.91E-06	1.85E-06	6.69E-10	2.02E-09	1.17E-09	1.15E-09	1.05E-09	4.77E-10	4.64E-10	2.23E-11	5.40E-10	1.19E-10	1.57E-10	2.49E-10	4.38E-11	2.43E-10	1.37E-09
1934	495511.06	3859301.99	1.90E-06	1.88E-06	1.83E-06	6.59E-10	1.99E-09	1.15E-09	1.14E-09	1.03E-09	4.70E-10	4.57E-10	2.20E-11	5.32E-10	1.17E-10	1.54E-10	2.45E-10	4.32E-11	2.40E-10	1.35E-09
1935	495561.06	3859301.99	1.86E-06	1.84E-06	1.78E-06	6.44E-10	1.94E-09	1.13E-09	1.11E-09	1.01E-09	4.59E-10	4.46E-10	2.15E-11	5.19E-10	1.15E-10	1.51E-10	2.39E-10	4.22E-11	2.34E-10	1.32E-09
1936	495611.06	3859301.99	1.84E-06	1.82E-06	1.76E-06	6.37E-10	1.92E-09	1.11E-09	1.10E-09	9.96E-10	4.54E-10	4.41E-10	2.13E-11	5.14E-10	1.13E-10	1.49E-10	2.37E-10	4.17E-11	2.32E-10	1.31E-09
1937	495661.06	3859301.99	1.82E-06	1.80E-06	1.74E-06	6.30E-10	1.90E-09	1.10E-09	1.09E-09	9.85E-10	4.49E-10	4.36E-10	2.10E-11	5.08E-10	1.12E-10	1.47E-10	2.34E-10	4.12E-11	2.29E-10	1.29E-09
1938	494311.06	3859351.99	2.82E-06	2.78E-06	2.70E-06	9.76E-10	2.95E-09	1.71E-09	1.68E-09	1.53E-09	6.97E-10	6.77E-10	3.26E-11	7.88E-10	1.74E-10	2.29E-10	3.63E-10	6.39E-11	3.55E-10	2.00E-09
1939	494361.06	3859351.99	2.77E-06	2.73E-06	2.66E-06	9.59E-10	2.90E-09	1.68E-09	1.65E-09	1.50E-09	6.84E-10	6.65E-10	3.20E-11	7.74E-10	1.71E-10	2.25E-10	3.56E-10	6.28E-11	3.49E-10	1.97E-09
1940	494411.06	3859351.99	2.70E-06	2.67E-06	2.59E-06	9.35E-10	2.82E-09	1.64E-09	1.61E-09	1.46E-09	6.67E-10	6.48E-10	3.12E-11	7.55E-10	1.66E-10	2.19E-10	3.48E-10	6.13E-11	3.40E-10	1.92E-09
1941	494461.06	3859351.99	2.64E-06	2.61E-06	2.53E-06	9.15E-10	2.76E-09	1.60E-09	1.58E-09	1.43E-09	6.53E-10	6.34E-10	3.06E-11	7.38E-10	1.63E-10	2.14E-10	3.40E-10	5.99E-11	3.33E-10	1.88E-09
1942	494511.06	3859351.99	2.59E-06	2.56E-06	2.48E-06	8.97E-10	2.71E-09	1.57E-09	1.55E-09	1.40E-09	6.40E-10	6.22E-10	3.00E-11	7.24E-10	1.60E-10	2.10E-10	3.33E-10	5.88E-11	3.26E-10	1.84E-09
1943	494561.06	3859351.99	2.55E-06	2.52E-06	2.45E-06	8.84E-10	2.67E-09	1.54E-09	1.52E-09	1.38E-09	6.31E-10	6.12E-10	2.95E-11	7.13E-10	1.57E-10	2.07E-10	3.28E-10	5.79E-11	3.21E-10	1.81E-09
1944	494611.06	3859351.99	2.51E-06	2.48E-06	2.40E-06	8.68E-10	2.62E-09	1.52E-09	1.50E-09	1.36E-09	6.20E-10	6.02E-10	2.90E-11	7.00E-10	1.55E-10	2.03E-10	3.23E-10	5.69E-11	3.16E-10	1.78E-09
1945	494661.06	3859351.99	2.46E-06	2.43E-06	2.36E-06	8.52E-10	2.57E-09	1.49E-09	1.47E-09	1.33E-09	6.08E-10	5.90E-10	2.84E-11	6.87E-10	1.52E-10	2.00E-10	3.17E-10	5.58E-11	3.10E-10	1.75E-09
1946	494711.06	3859351.99	2.40E-06	2.37E-06	2.30E-06	8.31E-10	2.51E-09	1.45E-09	1.43E-09	1.30E-09	5.93E-10	5.76E-10	2.78E-11	6.71E-10	1.48E-10	1.95E-10	3.09E-10	5.44E-11	3.02E-10	1.71E-09
1947	494761.06	3859351.99	2.33E-06	2.30E-06	2.23E-06	8.06E-10	2.43E-09	1.41E-09	1.39E-09	1.26E-09	5.75E-10	5.58E-10	2.69E-11	6.50E-10	1.43E-10	1.89E-10	2.99E-10	5.28E-11	2.93E-10	1.65E-09
1948	494811.06	3859351.99	2.23E-06	2.20E-06	2.14E-06	7.71E-10	2.33E-09	1.35E-09	1.33E-09	1.21E-09	5.50E-10	5.34E-10	2.58E-11	6.22E-10	1.37E-10	1.81E-10	2.87E-10	5.05E-11	2.80E-10	1.58E-09
1949	494861.06	3859351.99	2.19E-06	2.16E-06	2.10E-06	7.58E-10	2.29E-09	1.32E-09	1.31E-09	1.19E-09	5.41E-10	5.25E-10	2.53E-11	6.11E-10	1.35E-10	1.77E-10	2.82E-10	4.96E-11	2.76E-10	1.56E-09
1950	494911.06	3859351.99	2.16E-06	2.13E-06	2.07E-06	7.49E-10	2.26E-09	1.31E-09	1.29E-09	1.17E-09	5.34E-10	5.19E-10	2.50E-11	6.04E-10	1.33E-10	1.75E-10	2.78E-10	4.90E-11	2.72E-10	1.54E-09
1951	494961.06	3859351.99	2.12E-06	2.09E-06	2.03E-06	7.33E-10	2.21E-09	1.28E-09	1.27E-09	1.15E-09	5.23E-10	5.08E-10	2.45E-11	5.92E-10	1.31E-10	1.72E-10	2.72E-10	4.80E-11	2.67E-10	1.51E-09
1952	495011.06	3859351.99	2.09E-06	2.06E-06	2.00E-06	7.22E-10	2.18E-09	1.26E-09	1.25E-09	1.13E-09	5.15E-10	5.01E-10	2.41E-11	5.83E-10	1.29E-10	1.69E-10	2.68E-10	4.73E-11	2.63E-10	1.48E-09
1953	495061.06	3859351.99	2.10E-06	2.07E-06	2.01E-06	7.27E-10	2.20E-09	1.27E-09	1.25E-09	1.14E-09	5.19E-10	5.04E-10	2.43E-11	5.86E-10	1.29E-10	1.70E-10	2.70E-10	4.76E-11	2.64E-10	1.49E-09
1954	495111.06	3859351.99	2.07E-06	2.04E-06	1.98E-06	7.15E-10	2.16E-09	1.25E-09	1.23E-09	1.12E-09	5.10E-10	4.95E-10	2.39E-11	5.77E-10	1.27E-10	1.67E-10	2.66E-10	4.68E-11	2.60E-10	1.47E-09

1955	495161.06	3859351.99	2.05E-06	2.02E-06	1.96E-06	7.09E-10	2.14E-09	1.24E-09	1.22E-09	1.11E-09	5.06E-10	4.91E-10	2.37E-11	5.72E-10	1.26E-10	1.66E-10	2.63E-10	4.64E-11	2.58E-10	1.45E-09
1956	495211.06	3859351.99	2.03E-06	2.00E-06	1.94E-06	7.02E-10	2.12E-09	1.23E-09	1.21E-09	1.10E-09	5.01E-10	4.86E-10	2.34E-11	5.66E-10	1.25E-10	1.64E-10	2.61E-10	4.60E-11	2.55E-10	1.44E-09
1957	495261.06	3859351.99	2.02E-06	1.99E-06	1.94E-06	6.99E-10	2.11E-09	1.22E-09	1.21E-09	1.09E-09	4.99E-10	4.84E-10	2.33E-11	5.64E-10	1.24E-10	1.64E-10	2.60E-10	4.58E-11	2.54E-10	1.44E-09
1958	495311.06	3859351.99	1.99E-06	1.97E-06	1.91E-06	6.89E-10	2.08E-09	1.20E-09	1.19E-09	1.08E-09	4.92E-10	4.78E-10	2.30E-11	5.56E-10	1.23E-10	1.61E-10	2.56E-10	4.51E-11	2.51E-10	1.42E-09
1959	495361.06	3859351.99	1.97E-06	1.95E-06	1.89E-06	6.83E-10	2.06E-09	1.19E-09	1.18E-09	1.07E-09	4.88E-10	4.74E-10	2.28E-11	5.51E-10	1.22E-10	1.60E-10	2.54E-10	4.48E-11	2.49E-10	1.40E-09
1960	495411.06	3859351.99	1.96E-06	1.94E-06	1.88E-06	6.80E-10	2.05E-09	1.19E-09	1.17E-09	1.06E-09	4.85E-10	4.71E-10	2.27E-11	5.49E-10	1.21E-10	1.59E-10	2.53E-10	4.45E-11	2.47E-10	1.40E-09
1961	495461.06	3859351.99	1.96E-06	1.94E-06	1.88E-06	6.79E-10	2.05E-09	1.19E-09	1.17E-09	1.06E-09	4.84E-10	4.70E-10	2.27E-11	5.48E-10	1.21E-10	1.59E-10	2.52E-10	4.45E-11	2.47E-10	1.39E-09
1962	495511.06	3859351.99	1.92E-06	1.90E-06	1.84E-06	6.66E-10	2.01E-09	1.16E-09	1.15E-09	1.04E-09	4.75E-10	4.61E-10	2.22E-11	5.37E-10	1.18E-10	1.56E-10	2.47E-10	4.36E-11	2.42E-10	1.37E-09
1963	495561.06	3859351.99	1.89E-06	1.87E-06	1.82E-06	6.56E-10	1.98E-09	1.15E-09	1.13E-09	1.03E-09	4.68E-10	4.54E-10	2.19E-11	5.29E-10	1.17E-10	1.54E-10	2.44E-10	4.29E-11	2.39E-10	1.35E-09
1964	495611.06	3859351.99	1.87E-06	1.85E-06	1.80E-06	6.49E-10	1.96E-09	1.13E-09	1.12E-09	1.01E-09	4.63E-10	4.50E-10	2.17E-11	5.23E-10	1.15E-10	1.52E-10	2.41E-10	4.25E-11	2.36E-10	1.33E-09
1965	495661.06	3859351.99	1.84E-06	1.81E-06	1.76E-06	6.36E-10	1.92E-09	1.11E-09	1.10E-09	9.94E-10	4.54E-10	4.41E-10	2.12E-11	5.13E-10	1.13E-10	1.49E-10	2.36E-10	4.16E-11	2.31E-10	1.31E-09
1966	494311.06	3859401.99	2.82E-06	2.78E-06	2.70E-06	9.75E-10	2.94E-09	1.70E-09	1.68E-09	1.52E-09	6.96E-10	6.76E-10	3.26E-11	7.87E-10	1.74E-10	2.28E-10	3.62E-10	6.39E-11	3.55E-10	2.00E-09
1967	494361.06	3859401.99	2.75E-06	2.72E-06	2.64E-06	9.52E-10	2.88E-09	1.66E-09	1.64E-09	1.49E-09	6.80E-10	6.60E-10	3.18E-11	7.68E-10	1.70E-10	2.23E-10	3.54E-10	6.24E-11	3.46E-10	1.96E-09
1968	494411.06	3859401.99	2.68E-06	2.65E-06	2.57E-06	9.29E-10	2.80E-09	1.62E-09	1.60E-09	1.45E-09	6.63E-10	6.44E-10	3.10E-11	7.49E-10	1.65E-10	2.18E-10	3.45E-10	6.08E-11	3.38E-10	1.91E-09
1969	494461.06	3859401.99	2.63E-06	2.60E-06	2.52E-06	9.11E-10	2.75E-09	1.59E-09	1.57E-09	1.43E-09	6.50E-10	6.31E-10	3.04E-11	7.35E-10	1.62E-10	2.13E-10	3.39E-10	5.97E-11	3.31E-10	1.87E-09
1970	494511.06	3859401.99	2.60E-06	2.56E-06	2.49E-06	8.99E-10	2.72E-09	1.57E-09	1.55E-09	1.41E-09	6.42E-10	6.23E-10	3.00E-11	7.25E-10	1.60E-10	2.11E-10	3.34E-10	5.89E-11	3.27E-10	1.85E-09
1971	494561.06	3859401.99	2.56E-06	2.52E-06	2.45E-06	8.85E-10	2.67E-09	1.55E-09	1.53E-09	1.38E-09	6.32E-10	6.13E-10	2.96E-11	7.14E-10	1.58E-10	2.07E-10	3.29E-10	5.80E-11	3.22E-10	1.82E-09
1972	494611.06	3859401.99	2.51E-06	2.47E-06	2.40E-06	8.68E-10	2.62E-09	1.52E-09	1.50E-09	1.36E-09	6.19E-10	6.01E-10	2.90E-11	7.00E-10	1.54E-10	2.03E-10	3.22E-10	5.68E-11	3.16E-10	1.78E-09
1973	494661.06	3859401.99	2.47E-06	2.44E-06	2.37E-06	8.55E-10	2.58E-09	1.50E-09	1.48E-09	1.34E-09	6.10E-10	5.93E-10	2.86E-11	6.90E-10	1.52E-10	2.00E-10	3.18E-10	5.60E-11	3.11E-10	1.76E-09
1974	494711.06	3859401.99	2.43E-06	2.40E-06	2.33E-06	8.40E-10	2.54E-09	1.47E-09	1.45E-09	1.31E-09	6.00E-10	5.82E-10	2.81E-11	6.78E-10	1.50E-10	1.97E-10	3.12E-10	5.50E-11	3.06E-10	1.73E-09
1975	494761.06	3859401.99	2.35E-06	2.32E-06	2.25E-06	8.14E-10	2.46E-09	1.42E-09	1.40E-09	1.27E-09	5.81E-10	5.64E-10	2.72E-11	6.56E-10	1.45E-10	1.91E-10	3.02E-10	5.33E-11	2.96E-10	1.67E-09
1976	494811.06	3859401.99	2.29E-06	2.26E-06	2.19E-06	7.93E-10	2.39E-09	1.39E-09	1.37E-09	1.24E-09	5.66E-10	5.49E-10	2.65E-11	6.39E-10	1.41E-10	1.86E-10	2.94E-10	5.19E-11	2.88E-10	1.63E-09
1977	494861.06	3859401.99	2.22E-06	2.19E-06	2.12E-06	7.67E-10	2.32E-09	1.34E-09	1.32E-09	1.20E-09	5.47E-10	5.32E-10	2.56E-11	6.19E-10	1.37E-10	1.80E-10	2.85E-10	5.02E-11	2.79E-10	1.57E-09
1978	494911.06	3859401.99	2.17E-06	2.14E-06	2.08E-06	7.51E-10	2.27E-09	1.31E-09	1.30E-09	1.17E-09	5.36E-10	5.20E-10	2.51E-11	6.06E-10	1.34E-10	1.76E-10	2.79E-10	4.92E-11	2.73E-10	1.54E-09
1979	494961.06	3859401.99	2.15E-06	2.12E-06	2.06E-06	7.43E-10	2.24E-09	1.30E-09	1.28E-09	1.16E-09	5.30E-10	5.15E-10	2.48E-11	5.99E-10	1.32E-10	1.74E-10	2.76E-10	4.86E-11	2.70E-10	1.52E-09
1980	495011.06	3859401.99	2.13E-06	2.10E-06	2.04E-06	7.36E-10	2.22E-09	1.29E-09	1.27E-09	1.15E-09	5.25E-10	5.10E-10	2.46E-11	5.94E-10	1.31E-10	1.72E-10	2.74E-10	4.82E-11	2.68E-10	1.51E-09
1981	495061.06	3859401.99	2.12E-06	2.09E-06	2.03E-06	7.32E-10	2.21E-09	1.28E-09	1.26E-09	1.14E-09	5.22E-10	5.07E-10	2.44E-11	5.91E-10	1.30E-10	1.71E-10	2.72E-10	4.79E-11	2.66E-10	1.50E-09
1982	495111.06	3859401.99	2.08E-06	2.05E-06	1.99E-06	7.19E-10	2.17E-09	1.26E-09	1.24E-09	1.12E-09	5.13E-10	4.98E-10	2.40E-11	5.80E-10	1.28E-10	1.68E-10	2.67E-10	4.71E-11	2.61E-10	1.48E-09
1983	495161.06	3859401.99	2.07E-06	2.04E-06	1.98E-06	7.15E-10	2.16E-09	1.25E-09	1.23E-09	1.12E-09	5.10E-10	4.95E-10	2.39E-11	5.77E-10	1.27E-10	1.67E-10	2.66E-10	4.68E-11	2.60E-10	1.47E-09
1984	495211.06	3859401.99	2.06E-06	2.03E-06	1.97E-06	7.13E-10	2.15E-09	1.25E-09	1.23E-09	1.11E-09	5.09E-10	4.94E-10	2.38E-11	5.75E-10	1.27E-10	1.67E-10	2.65E-10	4.67E-11	2.59E-10	1.46E-09
1985	495261.06	3859401.99	2.04E-06	2.01E-06	1.96E-06	7.06E-10	2.13E-09	1.23E-09	1.22E-09	1.10E-09	5.04E-10	4.89E-10	2.36E-11	5.70E-10	1.26E-10	1.65E-10	2.62E-10	4.63E-11	2.57E-10	1.45E-09
1986	495311.06	3859401.99	2.02E-06	1.99E-06	1.94E-06	6.99E-10	2.11E-09	1.22E-09	1.21E-09	1.09E-09	4.99E-10	4.84E-10	2.33E-11	5.64E-10	1.24E-10	1.64E-10	2.60E-10	4.58E-11	2.54E-10	1.43E-09
1987	495361.06	3859401.99	2.02E-06	1.99E-06	1.93E-06	6.98E-10	2.11E-09	1.22E-09	1.20E-09	1.09E-09	4.98E-10	4.84E-10	2.33E-11	5.63E-10	1.24E-10	1.63E-10	2.59E-10	4.57E-11	2.54E-10	1.43E-09
1988	495411.06	3859401.99	2.00E-06	1.98E-06	1.92E-06	6.93E-10	2.09E-09	1.21E-09	1.20E-09	1.08E-09	4.95E-10	4.80E-10	2.31E-11	5.59E-10	1.23E-10	1.62E-10	2.58E-10	4.54E-11	2.52E-10	1.42E-09
1989	495461.06	3859401.99	1.98E-06	1.95E-06	1.90E-06	6.85E-10	2.07E-09	1.20E-09	1.18E-09	1.07E-09	4.88E-10	4.74E-10	2.29E-11	5.52E-10	1.22E-10	1.60E-10	2.54E-10	4.48E-11	2.49E-10	1.41E-09
1990	495511.06	3859401.99	1.94E-06	1.92E-06	1.86E-06	6.72E-10	2.03E-09	1.17E-09	1.16E-09	1.05E-09	4.79E-10	4.66E-10	2.24E-11	5.42E-10	1.20E-10	1.57E-10	2.50E-10	4.40E-11	2.44E-10	1.38E-09
1991	495561.06	3859401.99	1.90E-06	1.87E-06	1.82E-06	6.58E-10	1.99E-09	1.15E-09	1.13E-09	1.03E-09	4.69E-10	4.56E-10	2.20E-11	5.30E-10	1.17E-10	1.54E-10	2.44E-10	4.31E-11	2.39E-10	1.35E-09
1992	495611.06	3859401.99	1.88E-06	1.85E-06	1.80E-06	6.50E-10	1.96E-09	1.14E-09	1.12E-09	1.02E-09	4.63E-10	4.50E-10	2.17E-11	5.24E-10	1.16E-10	1.52E-10	2.41E-10	4.25E-11	2.36E-10	1.33E-09
1993	495661.06	3859401.99	1.86E-06	1.83E-06	1.78E-06	6.43E-10	1.94E-09	1.12E-09	1.11E-09	1.01E-09	4.59E-10	4.45E-10	2.15E-11	5.19E-10	1.14E-10	1.51E-10	2.39E-10	4.21E-11	2.34E-10	1.32E-09
1994	494311.06	3859451.99	2.78E-06	2.75E-06	2.67E-06	9.63E-10	2.91E-09	1.68E-09	1.66E-09	1.51E-09	6.87E-10	6.68E-10	3.22E-11	7.77E-10	1.71E-10	2.26E-10	3.58E-10	6.31E-11	3.50E-10	1.98E-09
1995	494361.06	3859451.99	2.73E-06	2.69E-06	2.61E-06	9.44E-10	2.85E-09	1.65E-09	1.63E-09	1.48E-09	6.74E-10	6.54E-10	3.15E-11	7.61E-10	1.68E-10	2.21E-10	3.51E-10	6.18E-11	3.43E-10	1.94E-09
1996	494411.06	3859451.99	2.65E-06	2.61E-06	2.54E-06	9.16E-10	2.77E-09	1.60E-09	1.58E-09	1.43E-09	6.54E-10	6.35E-10	3.06E-11	7.39E-10	1.63E-10	2.15E-10	3.40E-10	6.00E-11	3.33E-10	1.88E-09
1997	494461.06	3859451.99	2.62E-06	2.59E-06	2.51E-06	9.07E-10	2.74E-09	1.58E-09	1.56E-09	1.42E-09	6.47E-10	6.28E-10	3.03E-11	7.31E-10	1.61E-10	2.12E-10	3.37E-10	5.94E-11	3.30E-10	1.86E-09
1998	494511.06	3859451.99	2.57E-06	2.54E-06	2.47E-06	8.91E-10	2.69E-09	1.56E-09	1.54E-09	1.39E-09	6.35E-10	6.17E-10	2.97E-11	7.18E-10	1.59E-10	2.09E-10	3.31E-10	5.83E-11	3.24E-10	1.83E-09
1999	494561.06	3859451.99	2.53E-06	2.50E-06	2.43E-06	8.77E-10	2.65E-09	1.53E-09	1.51E-09	1.37E-09	6.26E-10	6.08E-10	2.93E-11	7.08E-10	1.56E-10	2.05E-10	3.26E-10	5.75E-11	3.19E-10	1.80E-09
2000	494611.06	3859451.99	2.51E-06	2.48E-06	2.41E-06	8.69E-10	2.63E-09	1.52E-09	1.50E-09	1.36E-09	6.20E-10	6.02E-10	2.90E-11	7.01E-10	1.55E-10	2.04E-10	3.23E-10	5.69E-11	3.16E-10	1.78E-09
2001	494661.06	3859451.99	2.46E-06	2.43E-06	2.36E-06	8.52E-10	2.57E-09	1.49E-09	1.47E-09	1.33E-09	6.08E-10	5.91E-10	2.85E-11	6.87E-10	1.52E-10	2.00E-10	3.17E-10	5.58E-11	3.10E-10	1.75E-09
2002	494711.06	3859451.99	2.41E-06	2.38E-06	2.31E-06	8.35E-10	2.52E-09	1.46E-09	1.44E-09	1.31E-09	5.96E-10	5.79E-10	2.79E-11	6.74E-10	1.49E-10	1.96E-10	3.10E-10	5.47E-11	3.04E-10	1.71E-09
2003	494761.06	3859451.99	2.37E-06	2.34E-06	2.27E-06	8.21E-10	2.48E-09	1.43E-09	1.42E-09	1.28E-09	5.86E-10	5.69E-10	2.74E-11	6.62E-10	1.46E-10	1.92E-10	3.05E-10	5.37E-11	2.98E-10	1.68E-09
2004	494811.06	3859451.99	2.31E-06	2.28E-06	2.21E-06	7.99E-10	2.41E-09	1.40E-09	1.38E-09	1.25E-09	5.70E-10	5.54E-10	2.67E-11	6.44E-10	1.42E-10	1.87E-10	2.97E-10	5.23E-11	2.91E-10	1.64E-09
2005	494861.06	3859451.99	2.26E-06	2.23E-06	2.16E-06	7.81E-10	2.36E-09	1.37E-09	1.35E-09	1.22E-09	5.57E-10	5.41E-10	2.61E-11	6.30E-10	1.39E-10	1.83E-10	2.90E-10	5.12E-11	2.84E-10	1.60E-09
2006	494911.06	3859451.99	2.22E-06	2.19E-06	2.13E-06	7.68E-10	2.32E-09	1.34E-09	1.32E-09	1.20E-09	5.48E-10	5.32E-10	2.56E-11	6.19E-10	1.37E-10	1.80E-10	2.85E-10	5.03E-11	2.79E-10	1.58E-09
2007	494961.06	3859451.99	2.19E-06	2.17E-06	2.10E-06	7.60E-10	2.29E-09	1.33E-09	1.31E-09	1.19E-09	5.42E-10	5.26E-10	2.54E-11	6.13E-10	1.35E-10	1.78E-10	2.82E-10	4.98E-11	2.76E-10	1.56E-09

2008	495011.06	3859451.99	2.17E-06	2.14E-06	2.08E-06	7.50E-10	2.26E-09	1.31E-09	1.29E-09	1.17E-09	5.35E-10	5.20E-10	2.50E-11	6.05E-10	1.33E-10	1.76E-10	2.79E-10	4.91E-11	2.73E-10	1.54E-09
2009	495061.06	3859451.99	2.14E-06	2.11E-06	2.05E-06	7.40E-10	2.23E-09	1.29E-09	1.28E-09	1.16E-09	5.28E-10	5.13E-10	2.47E-11	5.97E-10	1.32E-10	1.73E-10	2.75E-10	4.85E-11	2.69E-10	1.52E-09
2010	495111.06	3859451.99	2.11E-06	2.08E-06	2.02E-06	7.30E-10	2.20E-09	1.28E-09	1.26E-09	1.14E-09	5.21E-10	5.06E-10	2.44E-11	5.89E-10	1.30E-10	1.71E-10	2.71E-10	4.78E-11	2.66E-10	1.50E-09
2011	495161.06	3859451.99	2.10E-06	2.07E-06	2.01E-06	7.25E-10	2.19E-09	1.27E-09	1.25E-09	1.13E-09	5.18E-10	5.03E-10	2.42E-11	5.85E-10	1.29E-10	1.70E-10	2.70E-10	4.75E-11	2.64E-10	1.49E-09
2012	495211.06	3859451.99	2.09E-06	2.06E-06	2.00E-06	7.22E-10	2.18E-09	1.26E-09	1.25E-09	1.13E-09	5.15E-10	5.00E-10	2.41E-11	5.83E-10	1.29E-10	1.69E-10	2.68E-10	4.73E-11	2.63E-10	1.48E-09
2013	495261.06	3859451.99	2.08E-06	2.05E-06	1.99E-06	7.18E-10	2.17E-09	1.26E-09	1.24E-09	1.12E-09	5.13E-10	4.98E-10	2.40E-11	5.80E-10	1.28E-10	1.68E-10	2.67E-10	4.70E-11	2.61E-10	1.47E-09
2014	495311.06	3859451.99	2.05E-06	2.03E-06	1.97E-06	7.11E-10	2.15E-09	1.24E-09	1.23E-09	1.11E-09	5.07E-10	4.93E-10	2.37E-11	5.73E-10	1.27E-10	1.66E-10	2.64E-10	4.65E-11	2.58E-10	1.46E-09
2015	495361.06	3859451.99	2.04E-06	2.01E-06	1.95E-06	7.05E-10	2.13E-09	1.23E-09	1.22E-09	1.10E-09	5.03E-10	4.88E-10	2.35E-11	5.69E-10	1.25E-10	1.65E-10	2.62E-10	4.62E-11	2.56E-10	1.45E-09
2016	495411.06	3859451.99	2.01E-06	1.99E-06	1.93E-06	6.97E-10	2.10E-09	1.22E-09	1.20E-09	1.09E-09	4.97E-10	4.83E-10	2.33E-11	5.62E-10	1.24E-10	1.63E-10	2.59E-10	4.56E-11	2.53E-10	1.43E-09
2017	495461.06	3859451.99	2.00E-06	1.97E-06	1.91E-06	6.91E-10	2.09E-09	1.21E-09	1.19E-09	1.08E-09	4.93E-10	4.79E-10	2.31E-11	5.57E-10	1.23E-10	1.62E-10	2.57E-10	4.52E-11	2.51E-10	1.42E-09
2018	495511.06	3859451.99	1.95E-06	1.93E-06	1.87E-06	6.76E-10	2.04E-09	1.18E-09	1.17E-09	1.06E-09	4.83E-10	4.69E-10	2.26E-11	5.46E-10	1.20E-10	1.58E-10	2.51E-10	4.43E-11	2.46E-10	1.39E-09
2019	495561.06	3859451.99	1.93E-06	1.90E-06	1.85E-06	6.67E-10	2.02E-09	1.17E-09	1.15E-09	1.04E-09	4.76E-10	4.62E-10	2.23E-11	5.38E-10	1.19E-10	1.56E-10	2.48E-10	4.37E-11	2.43E-10	1.37E-09
2020	495611.06	3859451.99	1.90E-06	1.88E-06	1.82E-06	6.59E-10	1.99E-09	1.15E-09	1.14E-09	1.03E-09	4.70E-10	4.57E-10	2.20E-11	5.31E-10	1.17E-10	1.54E-10	2.45E-10	4.31E-11	2.40E-10	1.35E-09
2021	495661.06	3859451.99	1.88E-06	1.86E-06	1.80E-06	6.51E-10	1.97E-09	1.14E-09	1.12E-09	1.02E-09	4.65E-10	4.51E-10	2.17E-11	5.25E-10	1.16E-10	1.52E-10	2.42E-10	4.26E-11	2.37E-10	1.34E-09
2022	494311.06	3859501.99	2.76E-06	2.72E-06	2.64E-06	9.55E-10	2.88E-09	1.67E-09	1.65E-09	1.49E-09	6.81E-10	6.62E-10	3.19E-11	7.70E-10	1.70E-10	2.24E-10	3.55E-10	6.25E-11	3.47E-10	1.96E-09
2023	494361.06	3859501.99	2.70E-06	2.67E-06	2.59E-06	9.36E-10	2.83E-09	1.64E-09	1.62E-09	1.46E-09	6.68E-10	6.49E-10	3.13E-11	7.55E-10	1.67E-10	2.19E-10	3.48E-10	6.13E-11	3.40E-10	1.92E-09
2024	494411.06	3859501.99	2.61E-06	2.58E-06	2.50E-06	9.04E-10	2.73E-09	1.58E-09	1.56E-09	1.41E-09	6.45E-10	6.26E-10	3.02E-11	7.29E-10	1.61E-10	2.12E-10	3.36E-10	5.92E-11	3.29E-10	1.86E-09
2025	494461.06	3859501.99	2.61E-06	2.57E-06	2.50E-06	9.03E-10	2.73E-09	1.58E-09	1.56E-09	1.41E-09	6.44E-10	6.26E-10	3.02E-11	7.28E-10	1.61E-10	2.11E-10	3.36E-10	5.91E-11	3.28E-10	1.85E-09
2026	494511.06	3859501.99	2.56E-06	2.52E-06	2.45E-06	8.86E-10	2.67E-09	1.55E-09	1.53E-09	1.38E-09	6.32E-10	6.14E-10	2.96E-11	7.14E-10	1.58E-10	2.07E-10	3.29E-10	5.80E-11	3.22E-10	1.82E-09
2027	494561.06	3859501.99	2.52E-06	2.48E-06	2.41E-06	8.71E-10	2.63E-09	1.52E-09	1.50E-09	1.36E-09	6.21E-10	6.03E-10	2.91E-11	7.02E-10	1.55E-10	2.04E-10	3.24E-10	5.70E-11	3.17E-10	1.79E-09
2028	494611.06	3859501.99	2.51E-06	2.48E-06	2.41E-06	8.71E-10	2.63E-09	1.52E-09	1.50E-09	1.36E-09	6.21E-10	6.03E-10	2.91E-11	7.02E-10	1.55E-10	2.04E-10	3.23E-10	5.70E-11	3.17E-10	1.79E-09
2029	494661.06	3859501.99	2.46E-06	2.43E-06	2.36E-06	8.51E-10	2.57E-09	1.49E-09	1.47E-09	1.33E-09	6.08E-10	5.90E-10	2.84E-11	6.87E-10	1.52E-10	1.99E-10	3.16E-10	5.58E-11	3.10E-10	1.75E-09
2030	494711.06	3859501.99	2.39E-06	2.36E-06	2.29E-06	8.29E-10	2.50E-09	1.45E-09	1.43E-09	1.30E-09	5.91E-10	5.74E-10	2.77E-11	6.69E-10	1.48E-10	1.94E-10	3.08E-10	5.43E-11	3.01E-10	1.70E-09
2031	494761.06	3859501.99	2.38E-06	2.35E-06	2.28E-06	8.24E-10	2.49E-09	1.44E-09	1.42E-09	1.29E-09	5.88E-10	5.71E-10	2.75E-11	6.65E-10	1.47E-10	1.93E-10	3.06E-10	5.40E-11	3.00E-10	1.69E-09
2032	494811.06	3859501.99	2.30E-06	2.27E-06	2.20E-06	7.96E-10	2.40E-09	1.39E-09	1.37E-09	1.24E-09	5.68E-10	5.51E-10	2.66E-11	6.42E-10	1.42E-10	1.86E-10	2.96E-10	5.21E-11	2.89E-10	1.63E-09
2033	494861.06	3859501.99	2.27E-06	2.24E-06	2.17E-06	7.84E-10	2.37E-09	1.37E-09	1.35E-09	1.23E-09	5.60E-10	5.43E-10	2.62E-11	6.33E-10	1.40E-10	1.84E-10	2.91E-10	5.14E-11	2.85E-10	1.61E-09
2034	494911.06	3859501.99	2.24E-06	2.22E-06	2.15E-06	7.77E-10	2.35E-09	1.36E-09	1.34E-09	1.22E-09	5.54E-10	5.38E-10	2.59E-11	6.27E-10	1.38E-10	1.82E-10	2.89E-10	5.09E-11	2.83E-10	1.60E-09
2035	494961.06	3859501.99	2.20E-06	2.17E-06	2.11E-06	7.63E-10	2.30E-09	1.33E-09	1.32E-09	1.19E-09	5.44E-10	5.28E-10	2.55E-11	6.15E-10	1.36E-10	1.79E-10	2.83E-10	4.99E-11	2.77E-10	1.57E-09
2036	495011.06	3859501.99	2.18E-06	2.16E-06	2.09E-06	7.56E-10	2.28E-09	1.32E-09	1.30E-09	1.18E-09	5.39E-10	5.24E-10	2.52E-11	6.10E-10	1.35E-10	1.77E-10	2.81E-10	4.95E-11	2.75E-10	1.55E-09
2037	495061.06	3859501.99	2.17E-06	2.14E-06	2.08E-06	7.50E-10	2.26E-09	1.31E-09	1.29E-09	1.17E-09	5.35E-10	5.20E-10	2.50E-11	6.05E-10	1.33E-10	1.76E-10	2.79E-10	4.91E-11	2.73E-10	1.54E-09
2038	495111.06	3859501.99	2.13E-06	2.10E-06	2.04E-06	7.36E-10	2.22E-09	1.29E-09	1.27E-09	1.15E-09	5.25E-10	5.10E-10	2.46E-11	5.94E-10	1.31E-10	1.72E-10	2.74E-10	4.82E-11	2.68E-10	1.51E-09
2039	495161.06	3859501.99	2.11E-06	2.08E-06	2.02E-06	7.31E-10	2.21E-09	1.28E-09	1.26E-09	1.14E-09	5.21E-10	5.06E-10	2.44E-11	5.89E-10	1.30E-10	1.71E-10	2.71E-10	4.78E-11	2.66E-10	1.50E-09
2040	495211.06	3859501.99	2.10E-06	2.08E-06	2.02E-06	7.28E-10	2.20E-09	1.27E-09	1.26E-09	1.14E-09	5.19E-10	5.04E-10	2.43E-11	5.87E-10	1.30E-10	1.71E-10	2.71E-10	4.77E-11	2.65E-10	1.49E-09
2041	495261.06	3859501.99	2.09E-06	2.06E-06	2.00E-06	7.22E-10	2.18E-09	1.26E-09	1.25E-09	1.13E-09	5.15E-10	5.00E-10	2.41E-11	5.83E-10	1.29E-10	1.69E-10	2.68E-10	4.73E-11	2.63E-10	1.48E-09
2042	495311.06	3859501.99	2.07E-06	2.05E-06	1.99E-06	7.18E-10	2.17E-09	1.25E-09	1.24E-09	1.12E-09	5.12E-10	4.97E-10	2.40E-11	5.79E-10	1.28E-10	1.68E-10	2.67E-10	4.70E-11	2.61E-10	1.47E-09
2043	495361.06	3859501.99	2.05E-06	2.03E-06	1.97E-06	7.11E-10	2.15E-09	1.24E-09	1.23E-09	1.11E-09	5.07E-10	4.93E-10	2.37E-11	5.73E-10	1.27E-10	1.66E-10	2.64E-10	4.65E-11	2.59E-10	1.46E-09
2044	495411.06	3859501.99	2.04E-06	2.01E-06	1.95E-06	7.05E-10	2.13E-09	1.23E-09	1.22E-09	1.10E-09	5.03E-10	4.88E-10	2.35E-11	5.68E-10	1.25E-10	1.65E-10	2.62E-10	4.61E-11	2.56E-10	1.45E-09
2045	495461.06	3859501.99	2.01E-06	1.99E-06	1.93E-06	6.97E-10	2.10E-09	1.22E-09	1.20E-09	1.09E-09	4.97E-10	4.83E-10	2.33E-11	5.62E-10	1.24E-10	1.63E-10	2.59E-10	4.56E-11	2.53E-10	1.43E-09
2046	495511.06	3859501.99	1.96E-06	1.94E-06	1.88E-06	6.80E-10	2.05E-09	1.19E-09	1.17E-09	1.06E-09	4.85E-10	4.71E-10	2.27E-11	5.48E-10	1.21E-10	1.59E-10	2.52E-10	4.45E-11	2.47E-10	1.40E-09
2047	495561.06	3859501.99	1.95E-06	1.93E-06	1.87E-06	6.76E-10	2.04E-09	1.18E-09	1.17E-09	1.06E-09	4.82E-10	4.68E-10	2.26E-11	5.45E-10	1.20E-10	1.58E-10	2.51E-10	4.43E-11	2.46E-10	1.39E-09
2048	495611.06	3859501.99	1.93E-06	1.90E-06	1.85E-06	6.67E-10	2.01E-09	1.17E-09	1.15E-09	1.04E-09	4.76E-10	4.62E-10	2.23E-11	5.38E-10	1.19E-10	1.56E-10	2.48E-10	4.37E-11	2.42E-10	1.37E-09
2049	495661.06	3859501.99	1.90E-06	1.87E-06	1.82E-06	6.56E-10	1.98E-09	1.15E-09	1.13E-09	1.03E-09	4.68E-10	4.55E-10	2.19E-11	5.29E-10	1.17E-10	1.54E-10	2.44E-10	4.30E-11	2.39E-10	1.35E-09
2050	494311.06	3859551.99	2.73E-06	2.69E-06	2.61E-06	9.44E-10	2.85E-09	1.65E-09	1.63E-09	1.48E-09	6.73E-10	6.54E-10	3.15E-11	7.61E-10	1.68E-10	2.21E-10	3.51E-10	6.18E-11	3.43E-10	1.94E-09
2051	494361.06	3859551.99	2.67E-06	2.63E-06	2.56E-06	9.24E-10	2.79E-09	1.61E-09	1.59E-09	1.44E-09	6.59E-10	6.40E-10	3.08E-11	7.45E-10	1.64E-10	2.16E-10	3.43E-10	6.05E-11	3.36E-10	1.90E-09
2052	494411.06	3859551.99	2.58E-06	2.54E-06	2.47E-06	8.92E-10	2.69E-09	1.56E-09	1.54E-09	1.39E-09	6.36E-10	6.18E-10	2.98E-11	7.19E-10	1.59E-10	2.09E-10	3.31E-10	5.84E-11	3.24E-10	1.83E-09
2053	494461.06	3859551.99	2.59E-06	2.55E-06	2.48E-06	8.95E-10	2.70E-09	1.56E-09	1.54E-09	1.40E-09	6.39E-10	6.20E-10	2.99E-11	7.22E-10	1.59E-10	2.10E-10	3.33E-10	5.86E-11	3.25E-10	1.84E-09
2054	494511.06	3859551.99	2.54E-06	2.51E-06	2.43E-06	8.79E-10	2.65E-09	1.54E-09	1.52E-09	1.37E-09	6.27E-10	6.09E-10	2.93E-11	7.09E-10	1.56E-10	2.06E-10	3.27E-10	5.76E-11	3.20E-10	1.80E-09
2055	494561.06	3859551.99	2.50E-06	2.47E-06	2.40E-06	8.67E-10	2.62E-09	1.51E-09	1.49E-09	1.36E-09	6.18E-10	6.00E-10	2.89E-11	6.99E-10	1.54E-10	2.03E-10	3.22E-10	5.67E-11	3.15E-10	1.78E-09
2056	494611.06	3859551.99	2.48E-06	2.45E-06	2.38E-06	8.59E-10	2.60E-09	1.50E-09	1.48E-09	1.34E-09	6.13E-10	5.96E-10	2.87E-11	6.93E-10	1.53E-10	2.01E-10	3.19E-10	5.63E-11	3.13E-10	1.76E-09
2057	494661.06	3859551.99	2.45E-06	2.42E-06	2.35E-06	8.49E-10	2.56E-09	1.48E-09	1.46E-09	1.33E-09	6.06E-10	5.88E-10	2.84E-11	6.85E-10	1.51E-10	1.99E-10	3.15E-10	5.56E-11	3.09E-10	1.74E-09
2058	494711.06	3859551.99	2.36E-06	2.33E-06	2.26E-06	8.17E-10	2.47E-09	1.43E-09	1.41E-09	1.28E-09	5.83E-10	5.66E-10	2.73E-11	6.59E-10	1.45E-10	1.91E-10	3.04E-10	5.35E-11	2.97E-10	1.68E-09
2059	494761.06	3859551.99	2.37E-06	2.34E-06	2.28E-06	8.22E-10	2.48E-09	1.44E-09	1.42E-09	1.29E-09	5.87E-10	5.70E-10	2.75E-11	6.63E-10	1.46E-10	1.93E-10	3.05E-10	5.38E-11	2.99E-10	1.69E-09
2060	494811.06	3859551.99	2.31E-06	2.28E-06	2.21E-06	7.99E-10	2.41E-09	1.40E-09	1.38E-09	1.25E-09	5.70E-10	5.54E-10	2.67E-11	6.45E-10	1.42E-10	1.87E-10	2.97E-10	5.23E-11	2.91E-10	1.64E-09

2061	494861.06	3859551.99	2.28E-06	2.25E-06	2.18E-06	7.89E-10	2.38E-09	1.38E-09	1.36E-09	1.23E-09	5.63E-10	5.46E-10	2.63E-11	6.36E-10	1.40E-10	1.85E-10	2.93E-10	5.16E-11	2.87E-10	1.62E-09
2062	494911.06	3859551.99	2.24E-06	2.21E-06	2.15E-06	7.76E-10	2.34E-09	1.36E-09	1.34E-09	1.21E-09	5.54E-10	5.38E-10	2.59E-11	6.26E-10	1.38E-10	1.82E-10	2.88E-10	5.08E-11	2.82E-10	1.59E-09
2063	494961.06	3859551.99	2.22E-06	2.19E-06	2.13E-06	7.69E-10	2.32E-09	1.34E-09	1.33E-09	1.20E-09	5.49E-10	5.33E-10	2.57E-11	6.21E-10	1.37E-10	1.80E-10	2.86E-10	5.04E-11	2.80E-10	1.58E-09
2064	495011.06	3859551.99	2.21E-06	2.18E-06	2.12E-06	7.64E-10	2.31E-09	1.34E-09	1.32E-09	1.20E-09	5.45E-10	5.30E-10	2.55E-11	6.17E-10	1.36E-10	1.79E-10	2.84E-10	5.01E-11	2.78E-10	1.57E-09
2065	495061.06	3859551.99	2.18E-06	2.15E-06	2.09E-06	7.55E-10	2.28E-09	1.32E-09	1.30E-09	1.18E-09	5.39E-10	5.23E-10	2.52E-11	6.09E-10	1.34E-10	1.77E-10	2.81E-10	4.94E-11	2.75E-10	1.55E-09
2066	495111.06	3859551.99	2.15E-06	2.12E-06	2.06E-06	7.43E-10	2.24E-09	1.30E-09	1.28E-09	1.16E-09	5.30E-10	5.15E-10	2.48E-11	5.99E-10	1.32E-10	1.74E-10	2.76E-10	4.87E-11	2.70E-10	1.53E-09
2067	495161.06	3859551.99	2.13E-06	2.11E-06	2.04E-06	7.39E-10	2.23E-09	1.29E-09	1.27E-09	1.15E-09	5.27E-10	5.12E-10	2.47E-11	5.96E-10	1.31E-10	1.73E-10	2.74E-10	4.84E-11	2.69E-10	1.52E-09
2068	495211.06	3859551.99	2.13E-06	2.10E-06	2.04E-06	7.36E-10	2.22E-09	1.29E-09	1.27E-09	1.15E-09	5.25E-10	5.10E-10	2.46E-11	5.93E-10	1.31E-10	1.72E-10	2.73E-10	4.82E-11	2.68E-10	1.51E-09
2069	495261.06	3859551.99	2.10E-06	2.07E-06	2.01E-06	7.26E-10	2.19E-09	1.27E-09	1.25E-09	1.14E-09	5.18E-10	5.03E-10	2.43E-11	5.86E-10	1.29E-10	1.70E-10	2.70E-10	4.76E-11	2.64E-10	1.49E-09
2070	495311.06	3859551.99	2.08E-06	2.05E-06	1.99E-06	7.19E-10	2.17E-09	1.26E-09	1.24E-09	1.12E-09	5.13E-10	4.98E-10	2.40E-11	5.80E-10	1.28E-10	1.68E-10	2.67E-10	4.71E-11	2.62E-10	1.48E-09
2071	495361.06	3859551.99	2.06E-06	2.03E-06	1.97E-06	7.13E-10	2.15E-09	1.25E-09	1.23E-09	1.12E-09	5.09E-10	4.94E-10	2.38E-11	5.75E-10	1.27E-10	1.67E-10	2.65E-10	4.67E-11	2.59E-10	1.46E-09
2072	495411.06	3859551.99	2.05E-06	2.02E-06	1.96E-06	7.09E-10	2.14E-09	1.24E-09	1.22E-09	1.11E-09	5.06E-10	4.91E-10	2.37E-11	5.72E-10	1.26E-10	1.66E-10	2.63E-10	4.64E-11	2.58E-10	1.46E-09
2073	495461.06	3859551.99	2.01E-06	1.99E-06	1.93E-06	6.97E-10	2.11E-09	1.22E-09	1.20E-09	1.09E-09	4.98E-10	4.83E-10	2.33E-11	5.62E-10	1.24E-10	1.63E-10	2.59E-10	4.57E-11	2.54E-10	1.43E-09
2074	495511.06	3859551.99	1.98E-06	1.95E-06	1.90E-06	6.85E-10	2.07E-09	1.20E-09	1.18E-09	1.07E-09	4.89E-10	4.75E-10	2.29E-11	5.53E-10	1.22E-10	1.60E-10	2.55E-10	4.49E-11	2.49E-10	1.41E-09
2075	495561.06	3859551.99	1.96E-06	1.93E-06	1.88E-06	6.78E-10	2.05E-09	1.18E-09	1.17E-09	1.06E-09	4.84E-10	4.70E-10	2.26E-11	5.47E-10	1.21E-10	1.59E-10	2.52E-10	4.44E-11	2.47E-10	1.39E-09
2076	495611.06	3859551.99	1.94E-06	1.91E-06	1.86E-06	6.70E-10	2.02E-09	1.17E-09	1.16E-09	1.05E-09	4.78E-10	4.65E-10	2.24E-11	5.41E-10	1.19E-10	1.57E-10	2.49E-10	4.39E-11	2.44E-10	1.38E-09
2077	495661.06	3859551.99	1.91E-06	1.88E-06	1.83E-06	6.61E-10	2.00E-09	1.16E-09	1.14E-09	1.03E-09	4.72E-10	4.58E-10	2.21E-11	5.33E-10	1.18E-10	1.55E-10	2.46E-10	4.33E-11	2.40E-10	1.36E-09
2078	494311.06	3859601.99	2.70E-06	2.66E-06	2.59E-06	9.34E-10	2.82E-09	1.63E-09	1.61E-09	1.46E-09	6.67E-10	6.47E-10	3.12E-11	7.54E-10	1.66E-10	2.19E-10	3.47E-10	6.12E-11	3.40E-10	1.92E-09
2079	494361.06	3859601.99	2.61E-06	2.58E-06	2.50E-06	9.04E-10	2.73E-09	1.58E-09	1.56E-09	1.41E-09	6.45E-10	6.26E-10	3.02E-11	7.29E-10	1.61E-10	2.12E-10	3.36E-10	5.92E-11	3.29E-10	1.86E-09
2080	494411.06	3859601.99	2.56E-06	2.52E-06	2.45E-06	8.85E-10	2.67E-09	1.55E-09	1.53E-09	1.38E-09	6.32E-10	6.13E-10	2.96E-11	7.14E-10	1.58E-10	2.07E-10	3.29E-10	5.80E-11	3.22E-10	1.82E-09
2081	494461.06	3859601.99	2.56E-06	2.53E-06	2.46E-06	8.87E-10	2.68E-09	1.55E-09	1.53E-09	1.39E-09	6.33E-10	6.14E-10	2.96E-11	7.15E-10	1.58E-10	2.08E-10	3.29E-10	5.81E-11	3.22E-10	1.82E-09
2082	494511.06	3859601.99	2.50E-06	2.47E-06	2.40E-06	8.66E-10	2.61E-09	1.51E-09	1.49E-09	1.35E-09	6.18E-10	6.00E-10	2.89E-11	6.98E-10	1.54E-10	2.03E-10	3.22E-10	5.67E-11	3.15E-10	1.78E-09
2083	494561.06	3859601.99	2.50E-06	2.46E-06	2.39E-06	8.64E-10	2.61E-09	1.51E-09	1.49E-09	1.35E-09	6.17E-10	5.99E-10	2.89E-11	6.97E-10	1.54E-10	2.02E-10	3.21E-10	5.66E-11	3.14E-10	1.77E-09
2084	494611.06	3859601.99	2.48E-06	2.45E-06	2.38E-06	8.58E-10	2.59E-09	1.50E-09	1.48E-09	1.34E-09	6.12E-10	5.95E-10	2.87E-11	6.92E-10	1.53E-10	2.01E-10	3.19E-10	5.62E-11	3.12E-10	1.76E-09
2085	494661.06	3859601.99	2.41E-06	2.38E-06	2.31E-06	8.35E-10	2.52E-09	1.46E-09	1.44E-09	1.31E-09	5.96E-10	5.79E-10	2.79E-11	6.74E-10	1.49E-10	1.96E-10	3.10E-10	5.47E-11	3.04E-10	1.71E-09
2086	494711.06	3859601.99	2.35E-06	2.32E-06	2.26E-06	8.15E-10	2.46E-09	1.42E-09	1.41E-09	1.27E-09	5.81E-10	5.64E-10	2.72E-11	6.57E-10	1.45E-10	1.91E-10	3.03E-10	5.33E-11	2.96E-10	1.67E-09
2087	494761.06	3859601.99	2.38E-06	2.35E-06	2.28E-06	8.24E-10	2.49E-09	1.44E-09	1.42E-09	1.29E-09	5.88E-10	5.71E-10	2.75E-11	6.65E-10	1.47E-10	1.93E-10	3.06E-10	5.40E-11	3.00E-10	1.69E-09
2088	494811.06	3859601.99	2.32E-06	2.29E-06	2.22E-06	8.02E-10	2.42E-09	1.40E-09	1.38E-09	1.25E-09	5.72E-10	5.56E-10	2.68E-11	6.47E-10	1.43E-10	1.88E-10	2.98E-10	5.25E-11	2.92E-10	1.65E-09
2089	494861.06	3859601.99	2.29E-06	2.26E-06	2.20E-06	7.93E-10	2.39E-09	1.39E-09	1.37E-09	1.24E-09	5.66E-10	5.49E-10	2.65E-11	6.40E-10	1.41E-10	1.86E-10	2.95E-10	5.19E-11	2.88E-10	1.63E-09
2090	494911.06	3859601.99	2.24E-06	2.21E-06	2.15E-06	7.76E-10	2.34E-09	1.36E-09	1.34E-09	1.21E-09	5.54E-10	5.38E-10	2.59E-11	6.26E-10	1.38E-10	1.82E-10	2.88E-10	5.08E-11	2.82E-10	1.59E-09
2091	494961.06	3859601.99	2.25E-06	2.22E-06	2.15E-06	7.78E-10	2.35E-09	1.36E-09	1.34E-09	1.22E-09	5.55E-10	5.39E-10	2.60E-11	6.28E-10	1.38E-10	1.82E-10	2.89E-10	5.10E-11	2.83E-10	1.60E-09
2092	495011.06	3859601.99	2.20E-06	2.17E-06	2.11E-06	7.60E-10	2.30E-09	1.33E-09	1.31E-09	1.19E-09	5.43E-10	5.27E-10	2.54E-11	6.13E-10	1.35E-10	1.78E-10	2.83E-10	4.98E-11	2.77E-10	1.56E-09
2093	495061.06	3859601.99	2.19E-06	2.16E-06	2.10E-06	7.58E-10	2.29E-09	1.33E-09	1.31E-09	1.19E-09	5.41E-10	5.25E-10	2.53E-11	6.12E-10	1.35E-10	1.78E-10	2.82E-10	4.97E-11	2.76E-10	1.56E-09
2094	495111.06	3859601.99	2.15E-06	2.13E-06	2.06E-06	7.46E-10	2.25E-09	1.30E-09	1.29E-09	1.17E-09	5.32E-10	5.17E-10	2.49E-11	6.02E-10	1.33E-10	1.75E-10	2.77E-10	4.88E-11	2.71E-10	1.53E-09
2095	495161.06	3859601.99	2.14E-06	2.12E-06	2.05E-06	7.42E-10	2.24E-09	1.30E-09	1.28E-09	1.16E-09	5.29E-10	5.14E-10	2.48E-11	5.98E-10	1.32E-10	1.74E-10	2.76E-10	4.86E-11	2.70E-10	1.52E-09
2096	495211.06	3859601.99	2.12E-06	2.10E-06	2.03E-06	7.35E-10	2.22E-09	1.28E-09	1.27E-09	1.15E-09	5.24E-10	5.09E-10	2.45E-11	5.93E-10	1.31E-10	1.72E-10	2.73E-10	4.81E-11	2.67E-10	1.51E-09
2097	495261.06	3859601.99	2.11E-06	2.08E-06	2.02E-06	7.30E-10	2.20E-09	1.28E-09	1.26E-09	1.14E-09	5.21E-10	5.06E-10	2.44E-11	5.89E-10	1.30E-10	1.71E-10	2.71E-10	4.78E-11	2.65E-10	1.50E-09
2098	495311.06	3859601.99	2.09E-06	2.07E-06	2.01E-06	7.25E-10	2.19E-09	1.27E-09	1.25E-09	1.13E-09	5.17E-10	5.02E-10	2.42E-11	5.85E-10	1.29E-10	1.70E-10	2.69E-10	4.75E-11	2.64E-10	1.49E-09
2099	495361.06	3859601.99	2.07E-06	2.05E-06	1.99E-06	7.17E-10	2.17E-09	1.25E-09	1.24E-09	1.12E-09	5.12E-10	4.97E-10	2.40E-11	5.79E-10	1.28E-10	1.68E-10	2.67E-10	4.70E-11	2.61E-10	1.47E-09
2100	495411.06	3859601.99	2.06E-06	2.03E-06	1.97E-06	7.13E-10	2.15E-09	1.25E-09	1.23E-09	1.11E-09	5.08E-10	4.94E-10	2.38E-11	5.75E-10	1.27E-10	1.67E-10	2.65E-10	4.67E-11	2.59E-10	1.46E-09
2101	495461.06	3859601.99	2.02E-06	1.99E-06	1.93E-06	6.99E-10	2.11E-09	1.22E-09	1.21E-09	1.09E-09	4.98E-10	4.84E-10	2.33E-11	5.63E-10	1.24E-10	1.64E-10	2.60E-10	4.57E-11	2.54E-10	1.43E-09
2102	495511.06	3859601.99	1.98E-06	1.96E-06	1.90E-06	6.86E-10	2.07E-09	1.20E-09	1.18E-09	1.07E-09	4.89E-10	4.75E-10	2.29E-11	5.53E-10	1.22E-10	1.61E-10	2.55E-10	4.49E-11	2.49E-10	1.41E-09
2103	495561.06	3859601.99	1.97E-06	1.95E-06	1.89E-06	6.84E-10	2.06E-09	1.19E-09	1.18E-09	1.07E-09	4.88E-10	4.74E-10	2.28E-11	5.51E-10	1.22E-10	1.60E-10	2.54E-10	4.48E-11	2.49E-10	1.40E-09
2104	495611.06	3859601.99	1.93E-06	1.91E-06	1.85E-06	6.69E-10	2.02E-09	1.17E-09	1.15E-09	1.05E-09	4.78E-10	4.64E-10	2.24E-11	5.40E-10	1.19E-10	1.57E-10	2.49E-10	4.38E-11	2.43E-10	1.37E-09
2105	495661.06	3859601.99	1.92E-06	1.89E-06	1.84E-06	6.65E-10	2.01E-09	1.16E-09	1.15E-09	1.04E-09	4.74E-10	4.61E-10	2.22E-11	5.36E-10	1.18E-10	1.56E-10	2.47E-10	4.35E-11	2.42E-10	1.36E-09
2106	494311.06	3859651.99	2.65E-06	2.61E-06	2.54E-06	9.16E-10	2.76E-09	1.60E-09	1.58E-09	1.43E-09	6.53E-10	6.35E-10	3.06E-11	7.39E-10	1.63E-10	2.14E-10	3.40E-10	6.00E-11	3.33E-10	1.88E-09
2107	494361.06	3859651.99	2.57E-06	2.53E-06	2.46E-06	8.89E-10	2.68E-09	1.55E-09	1.53E-09	1.39E-09	6.34E-10	6.16E-10	2.97E-11	7.17E-10	1.58E-10	2.08E-10	3.30E-10	5.82E-11	3.23E-10	1.83E-09
2108	494411.06	3859651.99	2.54E-06	2.50E-06	2.43E-06	8.78E-10	2.65E-09	1.54E-09	1.52E-09	1.37E-09	6.27E-10	6.09E-10	2.93E-11	7.09E-10	1.56E-10	2.06E-10	3.26E-10	5.75E-11	3.19E-10	1.80E-09
2109	494461.06	3859651.99	2.54E-06	2.50E-06	2.43E-06	8.79E-10	2.65E-09	1.54E-09	1.52E-09	1.37E-09	6.27E-10	6.09E-10	2.93E-11	7.09E-10	1.56E-10	2.06E-10	3.26E-10	5.75E-11	3.19E-10	1.80E-09
2110	494511.06	3859651.99	2.50E-06	2.47E-06	2.40E-06	8.67E-10	2.62E-09	1.52E-09	1.50E-09	1.36E-09	6.19E-10	6.01E-10	2.89E-11	6.99E-10	1.54E-10	2.03E-10	3.22E-10	5.68E-11	3.15E-10	1.78E-09
2111	494561.06	3859651.99	2.48E-06	2.45E-06	2.38E-06	8.59E-10	2.59E-09	1.50E-09	1.48E-09	1.34E-09	6.13E-10	5.95E-10	2.87E-11	6.93E-10	1.53E-10	2.01E-10	3.19E-10	5.63E-11	3.13E-10	1.76E-09
2112	494611.06	3859651.99	2.46E-06	2.43E-06	2.36E-06	8.51E-10	2.57E-09	1.49E-09	1.47E-09	1.33E-09	6.07E-10	5.90E-10	2.84E-11	6.87E-10	1.52E-10	1.99E-10	3.16E-10	5.57E-11	3.10E-10	1.75E-09
2113	494661.06	3859651.99	2.39E-06	2.36E-06	2.29E-06	8.27E-10	2.50E-09	1.45E-09	1.43E-09	1.29E-09	5.90E-10	5.73E-10	2.76E-11	6.67E-10	1.47E-10	1.94E-10	3.07E-10	5.42E-11	3.01E-10	1.70E-09

2114	494711.06	3859651.99	2.37E-06	2.34E-06	2.27E-06	8.20E-10	2.48E-09	1.43E-09	1.41E-09	1.28E-09	5.85E-10	5.68E-10	2.74E-11	6.62E-10	1.46E-10	1.92E-10	3.05E-10	5.37E-11	2.98E-10	1.68E-09
2115	494761.06	3859651.99	2.35E-06	2.32E-06	2.26E-06	8.15E-10	2.46E-09	1.42E-09	1.41E-09	1.27E-09	5.82E-10	5.65E-10	2.72E-11	6.57E-10	1.45E-10	1.91E-10	3.03E-10	5.34E-11	2.96E-10	1.67E-09
2116	494811.06	3859651.99	2.31E-06	2.28E-06	2.22E-06	8.01E-10	2.42E-09	1.40E-09	1.38E-09	1.25E-09	5.71E-10	5.55E-10	2.67E-11	6.46E-10	1.43E-10	1.88E-10	2.98E-10	5.24E-11	2.91E-10	1.64E-09
2117	494861.06	3859651.99	2.29E-06	2.26E-06	2.20E-06	7.94E-10	2.40E-09	1.39E-09	1.37E-09	1.24E-09	5.67E-10	5.50E-10	2.65E-11	6.41E-10	1.41E-10	1.86E-10	2.95E-10	5.20E-11	2.89E-10	1.63E-09
2118	494911.06	3859651.99	2.26E-06	2.23E-06	2.17E-06	7.84E-10	2.37E-09	1.37E-09	1.35E-09	1.23E-09	5.59E-10	5.43E-10	2.62E-11	6.32E-10	1.40E-10	1.84E-10	2.91E-10	5.13E-11	2.85E-10	1.61E-09
2119	494961.06	3859651.99	2.24E-06	2.21E-06	2.15E-06	7.76E-10	2.34E-09	1.36E-09	1.34E-09	1.21E-09	5.54E-10	5.38E-10	2.59E-11	6.26E-10	1.38E-10	1.82E-10	2.88E-10	5.08E-11	2.82E-10	1.59E-09
2120	495011.06	3859651.99	2.22E-06	2.19E-06	2.12E-06	7.67E-10	2.32E-09	1.34E-09	1.32E-09	1.20E-09	5.47E-10	5.32E-10	2.56E-11	6.19E-10	1.37E-10	1.80E-10	2.85E-10	5.02E-11	2.79E-10	1.57E-09
2121	495061.06	3859651.99	2.20E-06	2.17E-06	2.11E-06	7.62E-10	2.30E-09	1.33E-09	1.31E-09	1.19E-09	5.43E-10	5.28E-10	2.54E-11	6.14E-10	1.36E-10	1.78E-10	2.83E-10	4.99E-11	2.77E-10	1.56E-09
2122	495111.06	3859651.99	2.17E-06	2.14E-06	2.08E-06	7.51E-10	2.27E-09	1.31E-09	1.30E-09	1.17E-09	5.36E-10	5.21E-10	2.51E-11	6.06E-10	1.34E-10	1.76E-10	2.79E-10	4.92E-11	2.73E-10	1.54E-09
2123	495161.06	3859651.99	2.15E-06	2.12E-06	2.06E-06	7.44E-10	2.25E-09	1.30E-09	1.28E-09	1.16E-09	5.31E-10	5.16E-10	2.49E-11	6.00E-10	1.32E-10	1.74E-10	2.77E-10	4.87E-11	2.71E-10	1.53E-09
2124	495211.06	3859651.99	2.13E-06	2.11E-06	2.05E-06	7.39E-10	2.23E-09	1.29E-09	1.27E-09	1.16E-09	5.27E-10	5.12E-10	2.47E-11	5.96E-10	1.32E-10	1.73E-10	2.75E-10	4.84E-11	2.69E-10	1.52E-09
2125	495261.06	3859651.99	2.11E-06	2.09E-06	2.02E-06	7.31E-10	2.21E-09	1.28E-09	1.26E-09	1.14E-09	5.22E-10	5.07E-10	2.44E-11	5.90E-10	1.30E-10	1.71E-10	2.72E-10	4.79E-11	2.66E-10	1.50E-09
2126	495311.06	3859651.99	2.10E-06	2.07E-06	2.01E-06	7.25E-10	2.19E-09	1.27E-09	1.25E-09	1.13E-09	5.18E-10	5.03E-10	2.42E-11	5.85E-10	1.29E-10	1.70E-10	2.69E-10	4.75E-11	2.64E-10	1.49E-09
2127	495361.06	3859651.99	2.08E-06	2.05E-06	1.99E-06	7.20E-10	2.17E-09	1.26E-09	1.24E-09	1.13E-09	5.14E-10	4.99E-10	2.40E-11	5.81E-10	1.28E-10	1.69E-10	2.67E-10	4.71E-11	2.62E-10	1.48E-09
2128	495411.06	3859651.99	2.06E-06	2.03E-06	1.97E-06	7.13E-10	2.15E-09	1.25E-09	1.23E-09	1.11E-09	5.08E-10	4.94E-10	2.38E-11	5.75E-10	1.27E-10	1.67E-10	2.65E-10	4.67E-11	2.59E-10	1.46E-09
2129	495461.06	3859651.99	2.02E-06	1.99E-06	1.94E-06	7.00E-10	2.11E-09	1.22E-09	1.21E-09	1.09E-09	4.99E-10	4.85E-10	2.34E-11	5.64E-10	1.25E-10	1.64E-10	2.60E-10	4.58E-11	2.54E-10	1.44E-09
2130	495511.06	3859651.99	1.99E-06	1.96E-06	1.91E-06	6.88E-10	2.08E-09	1.20E-09	1.19E-09	1.08E-09	4.91E-10	4.77E-10	2.30E-11	5.55E-10	1.23E-10	1.61E-10	2.56E-10	4.51E-11	2.50E-10	1.41E-09
2131	495561.06	3859651.99	1.97E-06	1.95E-06	1.89E-06	6.83E-10	2.06E-09	1.19E-09	1.18E-09	1.07E-09	4.87E-10	4.73E-10	2.28E-11	5.51E-10	1.22E-10	1.60E-10	2.54E-10	4.47E-11	2.48E-10	1.40E-09
2132	495611.06	3859651.99	1.95E-06	1.92E-06	1.87E-06	6.75E-10	2.04E-09	1.18E-09	1.16E-09	1.06E-09	4.82E-10	4.68E-10	2.25E-11	5.45E-10	1.20E-10	1.58E-10	2.51E-10	4.42E-11	2.45E-10	1.39E-09
2133	495661.06	3859651.99	1.92E-06	1.90E-06	1.84E-06	6.66E-10	2.01E-09	1.16E-09	1.15E-09	1.04E-09	4.75E-10	4.62E-10	2.22E-11	5.37E-10	1.19E-10	1.56E-10	2.48E-10	4.36E-11	2.42E-10	1.37E-09
2134	494311.06	3859701.99	2.55E-06	2.52E-06	2.44E-06	8.82E-10	2.66E-09	1.54E-09	1.52E-09	1.38E-09	6.30E-10	6.11E-10	2.95E-11	7.12E-10	1.57E-10	2.07E-10	3.28E-10	5.78E-11	3.21E-10	1.81E-09
2135	494361.06	3859701.99	2.51E-06	2.48E-06	2.41E-06	8.70E-10	2.63E-09	1.52E-09	1.50E-09	1.36E-09	6.21E-10	6.03E-10	2.91E-11	7.02E-10	1.55E-10	2.04E-10	3.23E-10	5.70E-11	3.17E-10	1.79E-09
2136	494411.06	3859701.99	2.50E-06	2.47E-06	2.39E-06	8.65E-10	2.61E-09	1.51E-09	1.49E-09	1.35E-09	6.17E-10	5.99E-10	2.89E-11	6.98E-10	1.54E-10	2.03E-10	3.21E-10	5.66E-11	3.15E-10	1.78E-09
2137	494461.06	3859701.99	2.51E-06	2.48E-06	2.40E-06	8.68E-10	2.62E-09	1.52E-09	1.50E-09	1.36E-09	6.20E-10	6.02E-10	2.90E-11	7.00E-10	1.55E-10	2.03E-10	3.23E-10	5.69E-11	3.16E-10	1.78E-09
2138	494511.06	3859701.99	2.48E-06	2.45E-06	2.38E-06	8.59E-10	2.59E-09	1.50E-09	1.48E-09	1.34E-09	6.13E-10	5.95E-10	2.87E-11	6.93E-10	1.53E-10	2.01E-10	3.19E-10	5.62E-11	3.12E-10	1.76E-09
2139	494561.06	3859701.99	2.46E-06	2.43E-06	2.36E-06	8.52E-10	2.57E-09	1.49E-09	1.47E-09	1.33E-09	6.08E-10	5.91E-10	2.85E-11	6.88E-10	1.52E-10	2.00E-10	3.17E-10	5.58E-11	3.10E-10	1.75E-09
2140	494611.06	3859701.99	2.44E-06	2.41E-06	2.34E-06	8.45E-10	2.55E-09	1.48E-09	1.46E-09	1.32E-09	6.03E-10	5.86E-10	2.82E-11	6.82E-10	1.50E-10	1.98E-10	3.14E-10	5.53E-11	3.07E-10	1.73E-09
2141	494661.06	3859701.99	2.37E-06	2.34E-06	2.27E-06	8.20E-10	2.48E-09	1.43E-09	1.42E-09	1.28E-09	5.85E-10	5.68E-10	2.74E-11	6.62E-10	1.46E-10	1.92E-10	3.05E-10	5.37E-11	2.98E-10	1.68E-09
2142	494711.06	3859701.99	2.36E-06	2.33E-06	2.26E-06	8.18E-10	2.47E-09	1.43E-09	1.41E-09	1.28E-09	5.84E-10	5.67E-10	2.73E-11	6.60E-10	1.46E-10	1.92E-10	3.04E-10	5.36E-11	2.97E-10	1.68E-09
2143	494761.06	3859701.99	2.33E-06	2.30E-06	2.23E-06	8.06E-10	2.43E-09	1.41E-09	1.39E-09	1.26E-09	5.75E-10	5.59E-10	2.69E-11	6.50E-10	1.44E-10	1.89E-10	3.00E-10	5.28E-11	2.93E-10	1.66E-09
2144	494811.06	3859701.99	2.29E-06	2.26E-06	2.20E-06	7.94E-10	2.40E-09	1.39E-09	1.37E-09	1.24E-09	5.67E-10	5.50E-10	2.65E-11	6.41E-10	1.41E-10	1.86E-10	2.95E-10	5.20E-11	2.89E-10	1.63E-09
2145	494861.06	3859701.99	2.29E-06	2.26E-06	2.20E-06	7.93E-10	2.39E-09	1.39E-09	1.37E-09	1.24E-09	5.66E-10	5.49E-10	2.65E-11	6.40E-10	1.41E-10	1.86E-10	2.95E-10	5.19E-11	2.88E-10	1.63E-09
2146	494911.06	3859701.99	2.26E-06	2.23E-06	2.17E-06	7.83E-10	2.36E-09	1.37E-09	1.35E-09	1.22E-09	5.59E-10	5.43E-10	2.62E-11	6.32E-10	1.39E-10	1.83E-10	2.91E-10	5.13E-11	2.85E-10	1.61E-09
2147	494961.06	3859701.99	2.23E-06	2.21E-06	2.14E-06	7.74E-10	2.34E-09	1.35E-09	1.33E-09	1.21E-09	5.52E-10	5.36E-10	2.58E-11	6.24E-10	1.38E-10	1.81E-10	2.87E-10	5.07E-11	2.81E-10	1.59E-09
2148	495011.06	3859701.99	2.22E-06	2.19E-06	2.13E-06	7.68E-10	2.32E-09	1.34E-09	1.33E-09	1.20E-09	5.48E-10	5.32E-10	2.57E-11	6.20E-10	1.37E-10	1.80E-10	2.86E-10	5.03E-11	2.79E-10	1.58E-09
2149	495061.06	3859701.99	2.20E-06	2.17E-06	2.11E-06	7.61E-10	2.30E-09	1.33E-09	1.31E-09	1.19E-09	5.43E-10	5.27E-10	2.54E-11	6.14E-10	1.35E-10	1.78E-10	2.83E-10	4.98E-11	2.77E-10	1.56E-09
2150	495111.06	3859701.99	2.17E-06	2.15E-06	2.08E-06	7.53E-10	2.27E-09	1.32E-09	1.30E-09	1.18E-09	5.37E-10	5.22E-10	2.51E-11	6.07E-10	1.34E-10	1.76E-10	2.80E-10	4.93E-11	2.74E-10	1.55E-09
2151	495161.06	3859701.99	2.15E-06	2.12E-06	2.06E-06	7.44E-10	2.25E-09	1.30E-09	1.28E-09	1.16E-09	5.31E-10	5.16E-10	2.48E-11	6.00E-10	1.32E-10	1.74E-10	2.76E-10	4.87E-11	2.71E-10	1.53E-09
2152	495211.06	3859701.99	2.12E-06	2.10E-06	2.03E-06	7.35E-10	2.22E-09	1.28E-09	1.27E-09	1.15E-09	5.24E-10	5.09E-10	2.45E-11	5.93E-10	1.31E-10	1.72E-10	2.73E-10	4.81E-11	2.67E-10	1.51E-09
2153	495261.06	3859701.99	2.12E-06	2.09E-06	2.03E-06	7.33E-10	2.21E-09	1.28E-09	1.26E-09	1.15E-09	5.23E-10	5.08E-10	2.45E-11	5.91E-10	1.30E-10	1.72E-10	2.72E-10	4.80E-11	2.66E-10	1.50E-09
2154	495311.06	3859701.99	2.09E-06	2.06E-06	2.01E-06	7.24E-10	2.19E-09	1.27E-09	1.25E-09	1.13E-09	5.17E-10	5.02E-10	2.42E-11	5.84E-10	1.29E-10	1.70E-10	2.69E-10	4.74E-11	2.63E-10	1.49E-09
2155	495361.06	3859701.99	2.07E-06	2.04E-06	1.98E-06	7.16E-10	2.16E-09	1.25E-09	1.24E-09	1.12E-09	5.11E-10	4.96E-10	2.39E-11	5.78E-10	1.28E-10	1.68E-10	2.66E-10	4.69E-11	2.61E-10	1.47E-09
2156	495411.06	3859701.99	2.04E-06	2.01E-06	1.95E-06	7.06E-10	2.13E-09	1.23E-09	1.22E-09	1.10E-09	5.04E-10	4.89E-10	2.36E-11	5.70E-10	1.26E-10	1.65E-10	2.62E-10	4.62E-11	2.57E-10	1.45E-09
2157	495461.06	3859701.99	2.02E-06	1.99E-06	1.93E-06	6.98E-10	2.11E-09	1.22E-09	1.20E-09	1.09E-09	4.98E-10	4.84E-10	2.33E-11	5.63E-10	1.24E-10	1.63E-10	2.59E-10	4.57E-11	2.54E-10	1.43E-09
2158	495511.06	3859701.99	1.97E-06	1.95E-06	1.89E-06	6.83E-10	2.06E-09	1.19E-09	1.18E-09	1.07E-09	4.87E-10	4.73E-10	2.28E-11	5.51E-10	1.22E-10	1.60E-10	2.54E-10	4.47E-11	2.48E-10	1.40E-09
2159	495561.06	3859701.99	1.97E-06	1.95E-06	1.89E-06	6.83E-10	2.06E-09	1.19E-09	1.18E-09	1.07E-09	4.87E-10	4.73E-10	2.28E-11	5.51E-10	1.22E-10	1.60E-10	2.54E-10	4.47E-11	2.48E-10	1.40E-09
2160	495611.06	3859701.99	1.95E-06	1.93E-06	1.87E-06	6.76E-10	2.04E-09	1.18E-09	1.17E-09	1.06E-09	4.82E-10	4.68E-10	2.26E-11	5.45E-10	1.20E-10	1.58E-10	2.51E-10	4.42E-11	2.46E-10	1.39E-09
2161	495661.06	3859701.99	1.93E-06	1.90E-06	1.85E-06	6.68E-10	2.02E-09	1.17E-09	1.15E-09	1.04E-09	4.76E-10	4.63E-10	2.23E-11	5.39E-10	1.19E-10	1.56E-10	2.48E-10	4.37E-11	2.43E-10	1.37E-09
2162	494311.06	3859751.99	2.52E-06	2.49E-06	2.42E-06	8.74E-10	2.64E-09	1.53E-09	1.51E-09	1.37E-09	6.24E-10	6.06E-10	2.92E-11	7.05E-10	1.56E-10	2.05E-10	3.25E-10	5.72E-11	3.18E-10	1.79E-09
2163	494361.06	3859751.99	2.50E-06	2.47E-06	2.40E-06	8.65E-10	2.61E-09	1.51E-09	1.49E-09	1.35E-09	6.17E-10	5.99E-10	2.89E-11	6.98E-10	1.54E-10	2.03E-10	3.21E-10	5.67E-11	3.15E-10	1.78E-09
2164	494411.06	3859751.99	2.47E-06	2.43E-06	2.36E-06	8.54E-10	2.58E-09	1.49E-09	1.47E-09	1.34E-09	6.09E-10	5.92E-10	2.85E-11	6.89E-10	1.52E-10	2.00E-10	3.17E-10	5.59E-11	3.11E-10	1.75E-09
2165	494461.06	3859751.99	2.47E-06	2.44E-06	2.37E-06	8.55E-10	2.58E-09	1.49E-09	1.47E-09	1.34E-09	6.10E-10	5.92E-10	2.85E-11	6.89E-10	1.52E-10	2.00E-10	3.18E-10	5.60E-11	3.11E-10	1.75E-09
2166	494511.06	3859751.99	2.46E-06	2.43E-06	2.36E-06	8.51E-10	2.57E-09	1.49E-09	1.47E-09	1.33E-09	6.07E-10	5.90E-10	2.84E-11	6.87E-10	1.52E-10	1.99E-10	3.16E-10	5.57E-11	3.10E-10	1.75E-09

2167	494561.06	3859751.99	2.43E-06	2.40E-06	2.33E-06	8.43E-10	2.54E-09	1.47E-09	1.45E-09	1.32E-09	6.01E-10	5.84E-10	2.81E-11	6.80E-10	1.50E-10	1.97E-10	3.13E-10	5.52E-11	3.06E-10	1.73E-09
2168	494611.06	3859751.99	2.40E-06	2.37E-06	2.30E-06	8.32E-10	2.51E-09	1.45E-09	1.44E-09	1.30E-09	5.94E-10	5.76E-10	2.78E-11	6.71E-10	1.48E-10	1.95E-10	3.09E-10	5.45E-11	3.03E-10	1.71E-09
2169	494661.06	3859751.99	2.35E-06	2.32E-06	2.26E-06	8.15E-10	2.46E-09	1.42E-09	1.41E-09	1.27E-09	5.81E-10	5.65E-10	2.72E-11	6.57E-10	1.45E-10	1.91E-10	3.03E-10	5.33E-11	2.96E-10	1.67E-09
2170	494711.06	3859751.99	2.35E-06	2.31E-06	2.25E-06	8.12E-10	2.45E-09	1.42E-09	1.40E-09	1.27E-09	5.79E-10	5.63E-10	2.71E-11	6.55E-10	1.45E-10	1.90E-10	3.02E-10	5.32E-11	2.95E-10	1.67E-09
2171	494761.06	3859751.99	2.33E-06	2.30E-06	2.23E-06	8.06E-10	2.43E-09	1.41E-09	1.39E-09	1.26E-09	5.75E-10	5.58E-10	2.69E-11	6.50E-10	1.43E-10	1.89E-10	2.99E-10	5.28E-11	2.93E-10	1.65E-09
2172	494811.06	3859751.99	2.30E-06	2.27E-06	2.20E-06	7.96E-10	2.40E-09	1.39E-09	1.37E-09	1.24E-09	5.68E-10	5.52E-10	2.66E-11	6.42E-10	1.42E-10	1.86E-10	2.96E-10	5.21E-11	2.89E-10	1.63E-09
2173	494861.06	3859751.99	2.28E-06	2.25E-06	2.18E-06	7.89E-10	2.38E-09	1.38E-09	1.36E-09	1.23E-09	5.63E-10	5.47E-10	2.63E-11	6.36E-10	1.40E-10	1.85E-10	2.93E-10	5.17E-11	2.87E-10	1.62E-09
2174	494911.06	3859751.99	2.26E-06	2.23E-06	2.16E-06	7.82E-10	2.36E-09	1.37E-09	1.35E-09	1.22E-09	5.58E-10	5.42E-10	2.61E-11	6.31E-10	1.39E-10	1.83E-10	2.90E-10	5.12E-11	2.84E-10	1.60E-09
2175	494961.06	3859751.99	2.24E-06	2.21E-06	2.14E-06	7.74E-10	2.34E-09	1.35E-09	1.34E-09	1.21E-09	5.53E-10	5.37E-10	2.59E-11	6.25E-10	1.38E-10	1.81E-10	2.88E-10	5.07E-11	2.82E-10	1.59E-09
2176	495011.06	3859751.99	2.21E-06	2.19E-06	2.12E-06	7.66E-10	2.31E-09	1.34E-09	1.32E-09	1.20E-09	5.47E-10	5.31E-10	2.56E-11	6.18E-10	1.36E-10	1.80E-10	2.85E-10	5.02E-11	2.79E-10	1.57E-09
2177	495061.06	3859751.99	2.20E-06	2.17E-06	2.11E-06	7.61E-10	2.30E-09	1.33E-09	1.31E-09	1.19E-09	5.43E-10	5.27E-10	2.54E-11	6.14E-10	1.35E-10	1.78E-10	2.83E-10	4.98E-11	2.77E-10	1.56E-09
2178	495111.06	3859751.99	2.18E-06	2.15E-06	2.09E-06	7.53E-10	2.27E-09	1.32E-09	1.30E-09	1.18E-09	5.38E-10	5.22E-10	2.52E-11	6.08E-10	1.34E-10	1.76E-10	2.80E-10	4.93E-11	2.74E-10	1.55E-09
2179	495161.06	3859751.99	2.15E-06	2.12E-06	2.06E-06	7.45E-10	2.25E-09	1.30E-09	1.28E-09	1.16E-09	5.31E-10	5.16E-10	2.49E-11	6.01E-10	1.33E-10	1.74E-10	2.77E-10	4.88E-11	2.71E-10	1.53E-09
2180	495211.06	3859751.99	2.13E-06	2.10E-06	2.04E-06	7.36E-10	2.22E-09	1.29E-09	1.27E-09	1.15E-09	5.25E-10	5.10E-10	2.46E-11	5.94E-10	1.31E-10	1.72E-10	2.73E-10	4.82E-11	2.68E-10	1.51E-09
2181	495261.06	3859751.99	2.11E-06	2.08E-06	2.02E-06	7.30E-10	2.20E-09	1.28E-09	1.26E-09	1.14E-09	5.21E-10	5.06E-10	2.44E-11	5.89E-10	1.30E-10	1.71E-10	2.71E-10	4.78E-11	2.66E-10	1.50E-09
2182	495311.06	3859751.99	2.09E-06	2.06E-06	2.00E-06	7.22E-10	2.18E-09	1.26E-09	1.25E-09	1.13E-09	5.15E-10	5.00E-10	2.41E-11	5.83E-10	1.29E-10	1.69E-10	2.68E-10	4.73E-11	2.63E-10	1.48E-09
2183	495361.06	3859751.99	2.07E-06	2.04E-06	1.98E-06	7.15E-10	2.16E-09	1.25E-09	1.23E-09	1.12E-09	5.10E-10	4.95E-10	2.39E-11	5.77E-10	1.27E-10	1.67E-10	2.66E-10	4.68E-11	2.60E-10	1.47E-09
2184	495411.06	3859751.99	2.05E-06	2.02E-06	1.96E-06	7.08E-10	2.14E-09	1.24E-09	1.22E-09	1.11E-09	5.05E-10	4.91E-10	2.36E-11	5.71E-10	1.26E-10	1.66E-10	2.63E-10	4.64E-11	2.58E-10	1.45E-09
2185	495461.06	3859751.99	2.02E-06	1.99E-06	1.93E-06	6.98E-10	2.11E-09	1.22E-09	1.20E-09	1.09E-09	4.98E-10	4.84E-10	2.33E-11	5.63E-10	1.24E-10	1.63E-10	2.59E-10	4.57E-11	2.54E-10	1.43E-09
2186	495511.06	3859751.99	1.99E-06	1.96E-06	1.90E-06	6.88E-10	2.08E-09	1.20E-09	1.19E-09	1.08E-09	4.91E-10	4.76E-10	2.30E-11	5.55E-10	1.22E-10	1.61E-10	2.55E-10	4.50E-11	2.50E-10	1.41E-09
2187	495561.06	3859751.99	1.97E-06	1.94E-06	1.88E-06	6.81E-10	2.05E-09	1.19E-09	1.17E-09	1.06E-09	4.86E-10	4.72E-10	2.27E-11	5.49E-10	1.21E-10	1.59E-10	2.53E-10	4.46E-11	2.47E-10	1.40E-09
2188	495611.06	3859751.99	1.95E-06	1.92E-06	1.87E-06	6.74E-10	2.03E-09	1.18E-09	1.16E-09	1.05E-09	4.81E-10	4.67E-10	2.25E-11	5.43E-10	1.20E-10	1.58E-10	2.50E-10	4.41E-11	2.45E-10	1.38E-09
2189	495661.06	3859751.99	1.93E-06	1.91E-06	1.85E-06	6.69E-10	2.02E-09	1.17E-09	1.15E-09	1.05E-09	4.77E-10	4.63E-10	2.23E-11	5.39E-10	1.19E-10	1.57E-10	2.48E-10	4.38E-11	2.43E-10	1.37E-09
2190	494311.06	3859801.99	2.50E-06	2.46E-06	2.39E-06	8.64E-10	2.61E-09	1.51E-09	1.49E-09	1.35E-09	6.17E-10	5.99E-10	2.89E-11	6.97E-10	1.54E-10	2.02E-10	3.21E-10	5.66E-11	3.14E-10	1.77E-09
2191	494361.06	3859801.99	2.46E-06	2.43E-06	2.36E-06	8.53E-10	2.57E-09	1.49E-09	1.47E-09	1.33E-09	6.08E-10	5.91E-10	2.85E-11	6.88E-10	1.52E-10	2.00E-10	3.17E-10	5.58E-11	3.10E-10	1.75E-09
2192	494411.06	3859801.99	2.43E-06	2.40E-06	2.33E-06	8.40E-10	2.54E-09	1.47E-09	1.45E-09	1.31E-09	5.99E-10	5.82E-10	2.81E-11	6.78E-10	1.50E-10	1.97E-10	3.12E-10	5.50E-11	3.05E-10	1.72E-09
2193	494461.06	3859801.99	2.42E-06	2.39E-06	2.32E-06	8.39E-10	2.53E-09	1.47E-09	1.45E-09	1.31E-09	5.99E-10	5.82E-10	2.80E-11	6.77E-10	1.49E-10	1.97E-10	3.12E-10	5.50E-11	3.05E-10	1.72E-09
2194	494511.06	3859801.99	2.43E-06	2.39E-06	2.32E-06	8.39E-10	2.53E-09	1.47E-09	1.45E-09	1.31E-09	5.99E-10	5.82E-10	2.80E-11	6.77E-10	1.49E-10	1.97E-10	3.12E-10	5.50E-11	3.05E-10	1.72E-09
2195	494561.06	3859801.99	2.40E-06	2.37E-06	2.30E-06	8.32E-10	2.51E-09	1.45E-09	1.44E-09	1.30E-09	5.94E-10	5.76E-10	2.78E-11	6.71E-10	1.48E-10	1.95E-10	3.09E-10	5.45E-11	3.03E-10	1.71E-09
2196	494611.06	3859801.99	2.36E-06	2.33E-06	2.26E-06	8.17E-10	2.47E-09	1.43E-09	1.41E-09	1.28E-09	5.83E-10	5.66E-10	2.73E-11	6.59E-10	1.45E-10	1.91E-10	3.04E-10	5.35E-11	2.97E-10	1.68E-09
2197	494661.06	3859801.99	2.34E-06	2.31E-06	2.24E-06	8.09E-10	2.44E-09	1.41E-09	1.40E-09	1.26E-09	5.77E-10	5.60E-10	2.70E-11	6.52E-10	1.44E-10	1.89E-10	3.00E-10	5.30E-11	2.94E-10	1.66E-09
2198	494711.06	3859801.99	2.31E-06	2.28E-06	2.21E-06	7.98E-10	2.41E-09	1.39E-09	1.38E-09	1.25E-09	5.69E-10	5.53E-10	2.66E-11	6.44E-10	1.42E-10	1.87E-10	2.96E-10	5.23E-11	2.90E-10	1.64E-09
2199	494761.06	3859801.99	2.31E-06	2.27E-06	2.21E-06	7.98E-10	2.41E-09	1.39E-09	1.38E-09	1.25E-09	5.69E-10	5.53E-10	2.66E-11	6.44E-10	1.42E-10	1.87E-10	2.96E-10	5.23E-11	2.90E-10	1.64E-09
2200	494811.06	3859801.99	2.28E-06	2.25E-06	2.19E-06	7.90E-10	2.38E-09	1.38E-09	1.36E-09	1.23E-09	5.63E-10	5.47E-10	2.64E-11	6.37E-10	1.41E-10	1.85E-10	2.93E-10	5.17E-11	2.87E-10	1.62E-09
2201	494861.06	3859801.99	2.26E-06	2.23E-06	2.17E-06	7.84E-10	2.37E-09	1.37E-09	1.35E-09	1.23E-09	5.59E-10	5.43E-10	2.62E-11	6.32E-10	1.39E-10	1.84E-10	2.91E-10	5.13E-11	2.85E-10	1.61E-09
2202	494911.06	3859801.99	2.24E-06	2.21E-06	2.14E-06	7.74E-10	2.34E-09	1.35E-09	1.34E-09	1.21E-09	5.53E-10	5.37E-10	2.59E-11	6.25E-10	1.38E-10	1.81E-10	2.88E-10	5.07E-11	2.82E-10	1.59E-09
2203	494961.06	3859801.99	2.22E-06	2.19E-06	2.13E-06	7.68E-10	2.32E-09	1.34E-09	1.32E-09	1.20E-09	5.48E-10	5.32E-10	2.56E-11	6.19E-10	1.37E-10	1.80E-10	2.85E-10	5.03E-11	2.79E-10	1.58E-09
2204	495011.06	3859801.99	2.20E-06	2.17E-06	2.11E-06	7.60E-10	2.30E-09	1.33E-09	1.31E-09	1.19E-09	5.43E-10	5.27E-10	2.54E-11	6.13E-10	1.35E-10	1.78E-10	2.83E-10	4.98E-11	2.77E-10	1.56E-09
2205	495061.06	3859801.99	2.18E-06	2.15E-06	2.09E-06	7.55E-10	2.28E-09	1.32E-09	1.30E-09	1.18E-09	5.38E-10	5.23E-10	2.52E-11	6.09E-10	1.34E-10	1.77E-10	2.80E-10	4.94E-11	2.74E-10	1.55E-09
2206	495111.06	3859801.99	2.16E-06	2.13E-06	2.07E-06	7.46E-10	2.25E-09	1.30E-09	1.29E-09	1.17E-09	5.32E-10	5.17E-10	2.49E-11	6.02E-10	1.33E-10	1.75E-10	2.77E-10	4.89E-11	2.71E-10	1.53E-09
2207	495161.06	3859801.99	2.13E-06	2.10E-06	2.04E-06	7.38E-10	2.23E-09	1.29E-09	1.27E-09	1.15E-09	5.27E-10	5.11E-10	2.46E-11	5.95E-10	1.31E-10	1.73E-10	2.74E-10	4.83E-11	2.68E-10	1.52E-09
2208	495211.06	3859801.99	2.12E-06	2.09E-06	2.03E-06	7.32E-10	2.21E-09	1.28E-09	1.26E-09	1.15E-09	5.23E-10	5.07E-10	2.45E-11	5.91E-10	1.30E-10	1.72E-10	2.72E-10	4.80E-11	2.66E-10	1.50E-09
2209	495261.06	3859801.99	2.09E-06	2.06E-06	2.00E-06	7.24E-10	2.19E-09	1.27E-09	1.25E-09	1.13E-09	5.17E-10	5.02E-10	2.42E-11	5.84E-10	1.29E-10	1.70E-10	2.69E-10	4.74E-11	2.63E-10	1.49E-09
2210	495311.06	3859801.99	2.08E-06	2.05E-06	1.99E-06	7.19E-10	2.17E-09	1.26E-09	1.24E-09	1.12E-09	5.13E-10	4.98E-10	2.40E-11	5.80E-10	1.28E-10	1.68E-10	2.67E-10	4.71E-11	2.61E-10	1.48E-09
2211	495361.06	3859801.99	2.05E-06	2.03E-06	1.97E-06	7.11E-10	2.15E-09	1.24E-09	1.23E-09	1.11E-09	5.08E-10	4.93E-10	2.38E-11	5.74E-10	1.27E-10	1.67E-10	2.64E-10	4.66E-11	2.59E-10	1.46E-09
2212	495411.06	3859801.99	2.03E-06	2.00E-06	1.95E-06	7.03E-10	2.12E-09	1.23E-09	1.21E-09	1.10E-09	5.01E-10	4.87E-10	2.35E-11	5.67E-10	1.25E-10	1.65E-10	2.61E-10	4.60E-11	2.55E-10	1.44E-09
2213	495461.06	3859801.99	2.01E-06	1.98E-06	1.93E-06	6.96E-10	2.10E-09	1.22E-09	1.20E-09	1.09E-09	4.96E-10	4.82E-10	2.32E-11	5.61E-10	1.24E-10	1.63E-10	2.58E-10	4.55E-11	2.53E-10	1.43E-09
2214	495511.06	3859801.99	1.98E-06	1.95E-06	1.90E-06	6.85E-10	2.07E-09	1.20E-09	1.18E-09	1.07E-09	4.89E-10	4.75E-10	2.29E-11	5.53E-10	1.22E-10	1.61E-10	2.55E-10	4.49E-11	2.49E-10	1.41E-09
2215	495561.06	3859801.99	1.96E-06	1.94E-06	1.88E-06	6.80E-10	2.05E-09	1.19E-09	1.17E-09	1.06E-09	4.85E-10	4.71E-10	2.27E-11	5.48E-10	1.21E-10	1.59E-10	2.52E-10	4.45E-11	2.47E-10	1.39E-09
2216	495611.06	3859801.99	1.95E-06	1.93E-06	1.87E-06	6.76E-10	2.04E-09	1.18E-09	1.17E-09	1.06E-09	4.83E-10	4.69E-10	2.26E-11	5.46E-10	1.20E-10	1.58E-10	2.51E-10	4.43E-11	2.46E-10	1.39E-09
2217	495661.06	3859801.99	1.93E-06	1.90E-06	1.85E-06	6.67E-10	2.02E-09	1.17E-09	1.15E-09	1.04E-09	4.76E-10	4.62E-10	2.23E-11	5.38E-10	1.19E-10	1.56E-10	2.48E-10	4.37E-11	2.43E-10	1.37E-09
2218	494311.06	3859851.99	2.45E-06	2.42E-06	2.35E-06	8.49E-10	2.56E-09	1.48E-09	1.46E-09	1.33E-09	6.06E-10	5.88E-10	2.84E-11	6.85E-10	1.51E-10	1.99E-10	3.15E-10	5.56E-11	3.09E-10	1.74E-09
2219	494361.06	3859851.99	2.43E-06	2.40E-06	2.33E-06	8.40E-10	2.54E-09	1.47E-09	1.45E-09	1.31E-09	6.00E-10	5.82E-10	2.81E-11	6.78E-10	1.50E-10	1.97E-10	3.12E-10	5.50E-11	3.06E-10	1.72E-09

2220	494411.06	3859851.99	2.40E-06	2.37E-06	2.30E-06	8.30E-10	2.51E-09	1.45E-09	1.43E-09	1.30E-09	5.92E-10	5.75E-10	2.77E-11	6.70E-10	1.48E-10	1.94E-10	3.08E-10	5.44E-11	3.02E-10	1.70E-09
2221	494461.06	3859851.99	2.38E-06	2.34E-06	2.28E-06	8.22E-10	2.48E-09	1.44E-09	1.42E-09	1.29E-09	5.87E-10	5.70E-10	2.75E-11	6.63E-10	1.46E-10	1.93E-10	3.06E-10	5.39E-11	2.99E-10	1.69E-09
2222	494511.06	3859851.99	2.37E-06	2.34E-06	2.27E-06	8.20E-10	2.48E-09	1.43E-09	1.41E-09	1.28E-09	5.85E-10	5.68E-10	2.74E-11	6.61E-10	1.46E-10	1.92E-10	3.05E-10	5.37E-11	2.98E-10	1.68E-09
2223	494561.06	3859851.99	2.36E-06	2.33E-06	2.26E-06	8.18E-10	2.47E-09	1.43E-09	1.41E-09	1.28E-09	5.84E-10	5.67E-10	2.73E-11	6.60E-10	1.46E-10	1.92E-10	3.04E-10	5.36E-11	2.97E-10	1.68E-09
2224	494611.06	3859851.99	2.32E-06	2.29E-06	2.23E-06	8.04E-10	2.43E-09	1.40E-09	1.39E-09	1.26E-09	5.74E-10	5.57E-10	2.68E-11	6.48E-10	1.43E-10	1.88E-10	2.99E-10	5.26E-11	2.92E-10	1.65E-09
2225	494661.06	3859851.99	2.31E-06	2.28E-06	2.21E-06	8.00E-10	2.42E-09	1.40E-09	1.38E-09	1.25E-09	5.71E-10	5.54E-10	2.67E-11	6.45E-10	1.42E-10	1.87E-10	2.97E-10	5.24E-11	2.91E-10	1.64E-09
2226	494711.06	3859851.99	2.28E-06	2.25E-06	2.18E-06	7.89E-10	2.38E-09	1.38E-09	1.36E-09	1.23E-09	5.63E-10	5.47E-10	2.63E-11	6.36E-10	1.40E-10	1.85E-10	2.93E-10	5.17E-11	2.87E-10	1.62E-09
2227	494761.06	3859851.99	2.28E-06	2.25E-06	2.18E-06	7.88E-10	2.38E-09	1.38E-09	1.36E-09	1.23E-09	5.62E-10	5.46E-10	2.63E-11	6.35E-10	1.40E-10	1.84E-10	2.93E-10	5.16E-11	2.86E-10	1.62E-09
2228	494811.06	3859851.99	2.25E-06	2.22E-06	2.16E-06	7.80E-10	2.36E-09	1.36E-09	1.35E-09	1.22E-09	5.57E-10	5.41E-10	2.61E-11	6.29E-10	1.39E-10	1.83E-10	2.90E-10	5.11E-11	2.84E-10	1.60E-09
2229	494861.06	3859851.99	2.24E-06	2.21E-06	2.15E-06	7.75E-10	2.34E-09	1.36E-09	1.34E-09	1.21E-09	5.53E-10	5.37E-10	2.59E-11	6.26E-10	1.38E-10	1.82E-10	2.88E-10	5.08E-11	2.82E-10	1.59E-09
2230	494911.06	3859851.99	2.22E-06	2.19E-06	2.12E-06	7.67E-10	2.32E-09	1.34E-09	1.32E-09	1.20E-09	5.47E-10	5.32E-10	2.56E-11	6.19E-10	1.37E-10	1.80E-10	2.85E-10	5.02E-11	2.79E-10	1.57E-09
2231	494961.06	3859851.99	2.20E-06	2.17E-06	2.11E-06	7.61E-10	2.30E-09	1.33E-09	1.31E-09	1.19E-09	5.43E-10	5.27E-10	2.54E-11	6.14E-10	1.35E-10	1.78E-10	2.83E-10	4.98E-11	2.77E-10	1.56E-09
2232	495011.06	3859851.99	2.18E-06	2.15E-06	2.09E-06	7.54E-10	2.28E-09	1.32E-09	1.30E-09	1.18E-09	5.38E-10	5.22E-10	2.52E-11	6.08E-10	1.34E-10	1.77E-10	2.80E-10	4.94E-11	2.74E-10	1.55E-09
2233	495061.06	3859851.99	2.16E-06	2.13E-06	2.07E-06	7.49E-10	2.26E-09	1.31E-09	1.29E-09	1.17E-09	5.34E-10	5.19E-10	2.50E-11	6.04E-10	1.33E-10	1.75E-10	2.78E-10	4.90E-11	2.72E-10	1.54E-09
2234	495111.06	3859851.99	2.14E-06	2.11E-06	2.05E-06	7.40E-10	2.23E-09	1.29E-09	1.28E-09	1.16E-09	5.28E-10	5.13E-10	2.47E-11	5.97E-10	1.32E-10	1.73E-10	2.75E-10	4.85E-11	2.69E-10	1.52E-09
2235	495161.06	3859851.99	2.12E-06	2.09E-06	2.03E-06	7.33E-10	2.21E-09	1.28E-09	1.26E-09	1.15E-09	5.23E-10	5.08E-10	2.45E-11	5.91E-10	1.30E-10	1.72E-10	2.72E-10	4.80E-11	2.67E-10	1.50E-09
2236	495211.06	3859851.99	2.10E-06	2.07E-06	2.01E-06	7.26E-10	2.19E-09	1.27E-09	1.25E-09	1.14E-09	5.18E-10	5.03E-10	2.43E-11	5.86E-10	1.29E-10	1.70E-10	2.70E-10	4.76E-11	2.64E-10	1.49E-09
2237	495261.06	3859851.99	2.08E-06	2.05E-06	1.99E-06	7.19E-10	2.17E-09	1.26E-09	1.24E-09	1.12E-09	5.13E-10	4.98E-10	2.40E-11	5.80E-10	1.28E-10	1.68E-10	2.67E-10	4.71E-11	2.62E-10	1.48E-09
2238	495311.06	3859851.99	2.06E-06	2.03E-06	1.98E-06	7.14E-10	2.15E-09	1.25E-09	1.23E-09	1.12E-09	5.09E-10	4.95E-10	2.38E-11	5.76E-10	1.27E-10	1.67E-10	2.65E-10	4.67E-11	2.60E-10	1.47E-09
2239	495361.06	3859851.99	2.04E-06	2.02E-06	1.96E-06	7.07E-10	2.14E-09	1.24E-09	1.22E-09	1.11E-09	5.05E-10	4.90E-10	2.36E-11	5.71E-10	1.26E-10	1.66E-10	2.63E-10	4.63E-11	2.57E-10	1.45E-09
2240	495411.06	3859851.99	2.02E-06	1.99E-06	1.94E-06	6.99E-10	2.11E-09	1.22E-09	1.21E-09	1.09E-09	4.99E-10	4.85E-10	2.34E-11	5.64E-10	1.24E-10	1.64E-10	2.60E-10	4.58E-11	2.54E-10	1.44E-09
2241	495461.06	3859851.99	2.00E-06	1.97E-06	1.92E-06	6.92E-10	2.09E-09	1.21E-09	1.19E-09	1.08E-09	4.94E-10	4.79E-10	2.31E-11	5.58E-10	1.23E-10	1.62E-10	2.57E-10	4.53E-11	2.52E-10	1.42E-09
2242	495511.06	3859851.99	1.97E-06	1.95E-06	1.89E-06	6.83E-10	2.06E-09	1.19E-09	1.18E-09	1.07E-09	4.87E-10	4.73E-10	2.28E-11	5.51E-10	1.22E-10	1.60E-10	2.54E-10	4.47E-11	2.48E-10	1.40E-09
2243	495561.06	3859851.99	1.96E-06	1.93E-06	1.88E-06	6.78E-10	2.05E-09	1.19E-09	1.17E-09	1.06E-09	4.84E-10	4.70E-10	2.27E-11	5.47E-10	1.21E-10	1.59E-10	2.52E-10	4.44E-11	2.47E-10	1.39E-09
2244	495611.06	3859851.99	1.94E-06	1.92E-06	1.86E-06	6.73E-10	2.03E-09	1.18E-09	1.16E-09	1.05E-09	4.80E-10	4.66E-10	2.25E-11	5.43E-10	1.20E-10	1.58E-10	2.50E-10	4.41E-11	2.45E-10	1.38E-09
2245	495661.06	3859851.99	1.92E-06	1.90E-06	1.84E-06	6.65E-10	2.01E-09	1.16E-09	1.15E-09	1.04E-09	4.74E-10	4.61E-10	2.22E-11	5.36E-10	1.18E-10	1.56E-10	2.47E-10	4.35E-11	2.42E-10	1.36E-09
2246	494311.06	3859901.99	2.41E-06	2.37E-06	2.31E-06	8.33E-10	2.51E-09	1.46E-09	1.44E-09	1.30E-09	5.94E-10	5.77E-10	2.78E-11	6.72E-10	1.48E-10	1.95E-10	3.09E-10	5.45E-11	3.03E-10	1.71E-09
2247	494361.06	3859901.99	2.37E-06	2.34E-06	2.27E-06	8.21E-10	2.48E-09	1.43E-09	1.42E-09	1.28E-09	5.86E-10	5.69E-10	2.74E-11	6.62E-10	1.46E-10	1.92E-10	3.05E-10	5.37E-11	2.98E-10	1.68E-09
2248	494411.06	3859901.99	2.36E-06	2.33E-06	2.26E-06	8.16E-10	2.47E-09	1.43E-09	1.41E-09	1.28E-09	5.83E-10	5.66E-10	2.73E-11	6.59E-10	1.45E-10	1.91E-10	3.03E-10	5.35E-11	2.97E-10	1.68E-09
2249	494461.06	3859901.99	2.34E-06	2.31E-06	2.24E-06	8.09E-10	2.44E-09	1.41E-09	1.40E-09	1.27E-09	5.78E-10	5.61E-10	2.70E-11	6.53E-10	1.44E-10	1.90E-10	3.01E-10	5.30E-11	2.94E-10	1.66E-09
2250	494511.06	3859901.99	2.32E-06	2.29E-06	2.23E-06	8.05E-10	2.43E-09	1.41E-09	1.39E-09	1.26E-09	5.74E-10	5.58E-10	2.69E-11	6.49E-10	1.43E-10	1.88E-10	2.99E-10	5.27E-11	2.93E-10	1.65E-09
2251	494561.06	3859901.99	2.32E-06	2.29E-06	2.23E-06	8.05E-10	2.43E-09	1.41E-09	1.39E-09	1.26E-09	5.74E-10	5.58E-10	2.69E-11	6.49E-10	1.43E-10	1.88E-10	2.99E-10	5.27E-11	2.93E-10	1.65E-09
2252	494611.06	3859901.99	2.29E-06	2.26E-06	2.19E-06	7.91E-10	2.39E-09	1.38E-09	1.36E-09	1.24E-09	5.64E-10	5.48E-10	2.64E-11	6.38E-10	1.41E-10	1.85E-10	2.94E-10	5.18E-11	2.88E-10	1.62E-09
2253	494661.06	3859901.99	2.28E-06	2.25E-06	2.19E-06	7.90E-10	2.38E-09	1.38E-09	1.36E-09	1.24E-09	5.64E-10	5.47E-10	2.64E-11	6.37E-10	1.41E-10	1.85E-10	2.93E-10	5.17E-11	2.87E-10	1.62E-09
2254	494711.06	3859901.99	2.24E-06	2.21E-06	2.15E-06	7.76E-10	2.34E-09	1.36E-09	1.34E-09	1.21E-09	5.54E-10	5.38E-10	2.59E-11	6.26E-10	1.38E-10	1.82E-10	2.88E-10	5.08E-11	2.82E-10	1.59E-09
2255	494761.06	3859901.99	2.23E-06	2.21E-06	2.14E-06	7.74E-10	2.34E-09	1.35E-09	1.33E-09	1.21E-09	5.52E-10	5.36E-10	2.58E-11	6.24E-10	1.38E-10	1.81E-10	2.87E-10	5.07E-11	2.81E-10	1.59E-09
2256	494811.06	3859901.99	2.23E-06	2.20E-06	2.13E-06	7.71E-10	2.33E-09	1.35E-09	1.33E-09	1.21E-09	5.50E-10	5.34E-10	2.57E-11	6.22E-10	1.37E-10	1.80E-10	2.86E-10	5.05E-11	2.80E-10	1.58E-09
2257	494861.06	3859901.99	2.21E-06	2.18E-06	2.12E-06	7.66E-10	2.31E-09	1.34E-09	1.32E-09	1.20E-09	5.46E-10	5.30E-10	2.56E-11	6.18E-10	1.36E-10	1.79E-10	2.84E-10	5.01E-11	2.78E-10	1.57E-09
2258	494911.06	3859901.99	2.19E-06	2.16E-06	2.10E-06	7.58E-10	2.29E-09	1.32E-09	1.31E-09	1.18E-09	5.41E-10	5.25E-10	2.53E-11	6.11E-10	1.35E-10	1.77E-10	2.82E-10	4.96E-11	2.76E-10	1.56E-09
2259	494961.06	3859901.99	2.17E-06	2.15E-06	2.08E-06	7.52E-10	2.27E-09	1.32E-09	1.30E-09	1.18E-09	5.37E-10	5.21E-10	2.51E-11	6.07E-10	1.34E-10	1.76E-10	2.80E-10	4.93E-11	2.74E-10	1.54E-09
2260	495011.06	3859901.99	2.15E-06	2.12E-06	2.06E-06	7.45E-10	2.25E-09	1.30E-09	1.29E-09	1.17E-09	5.32E-10	5.16E-10	2.49E-11	6.01E-10	1.33E-10	1.75E-10	2.77E-10	4.88E-11	2.71E-10	1.53E-09
2261	495061.06	3859901.99	2.13E-06	2.11E-06	2.05E-06	7.39E-10	2.23E-09	1.29E-09	1.27E-09	1.16E-09	5.27E-10	5.12E-10	2.47E-11	5.96E-10	1.32E-10	1.73E-10	2.75E-10	4.84E-11	2.69E-10	1.52E-09
2262	495111.06	3859901.99	2.11E-06	2.08E-06	2.02E-06	7.31E-10	2.21E-09	1.28E-09	1.26E-09	1.14E-09	5.22E-10	5.06E-10	2.44E-11	5.90E-10	1.30E-10	1.71E-10	2.72E-10	4.79E-11	2.66E-10	1.50E-09
2263	495161.06	3859901.99	2.09E-06	2.06E-06	2.00E-06	7.23E-10	2.18E-09	1.26E-09	1.25E-09	1.13E-09	5.16E-10	5.01E-10	2.42E-11	5.84E-10	1.29E-10	1.69E-10	2.69E-10	4.74E-11	2.63E-10	1.49E-09
2264	495211.06	3859901.99	2.08E-06	2.05E-06	1.99E-06	7.19E-10	2.17E-09	1.26E-09	1.24E-09	1.12E-09	5.13E-10	4.98E-10	2.40E-11	5.80E-10	1.28E-10	1.68E-10	2.67E-10	4.71E-11	2.61E-10	1.48E-09
2265	495261.06	3859901.99	2.05E-06	2.02E-06	1.97E-06	7.10E-10	2.14E-09	1.24E-09	1.23E-09	1.11E-09	5.07E-10	4.92E-10	2.37E-11	5.73E-10	1.26E-10	1.66E-10	2.64E-10	4.65E-11	2.58E-10	1.46E-09
2266	495311.06	3859901.99	2.04E-06	2.01E-06	1.95E-06	7.06E-10	2.13E-09	1.23E-09	1.22E-09	1.10E-09	5.04E-10	4.89E-10	2.36E-11	5.69E-10	1.26E-10	1.65E-10	2.62E-10	4.62E-11	2.57E-10	1.45E-09
2267	495361.06	3859901.99	2.02E-06	1.99E-06	1.94E-06	6.99E-10	2.11E-09	1.22E-09	1.21E-09	1.09E-09	4.99E-10	4.84E-10	2.33E-11	5.64E-10	1.24E-10	1.64E-10	2.60E-10	4.58E-11	2.54E-10	1.44E-09
2268	495411.06	3859901.99	2.00E-06	1.97E-06	1.91E-06	6.91E-10	2.09E-09	1.21E-09	1.19E-09	1.08E-09	4.93E-10	4.79E-10	2.31E-11	5.58E-10	1.23E-10	1.62E-10	2.57E-10	4.53E-11	2.51E-10	1.42E-09
2269	495461.06	3859901.99	1.98E-06	1.95E-06	1.90E-06	6.85E-10	2.07E-09	1.20E-09	1.18E-09	1.07E-09	4.88E-10	4.74E-10	2.29E-11	5.52E-10	1.22E-10	1.60E-10	2.54E-10	4.48E-11	2.49E-10	1.41E-09
2270	495511.06	3859901.99	1.96E-06	1.94E-06	1.88E-06	6.80E-10	2.05E-09	1.19E-09	1.17E-09	1.06E-09	4.85E-10	4.71E-10	2.27E-11	5.48E-10	1.21E-10	1.59E-10	2.53E-10	4.45E-11	2.47E-10	1.40E-09
2271	495561.06	3859901.99	1.95E-06	1.92E-06	1.87E-06	6.75E-10	2.04E-09	1.18E-09	1.16E-09	1.06E-09	4.81E-10	4.67E-10	2.25E-11	5.44E-10	1.20E-10	1.58E-10	2.51E-10	4.42E-11	2.45E-10	1.38E-09
2272	495611.06	3859901.99	1.93E-06	1.90E-06	1.85E-06	6.67E-10	2.02E-09	1.17E-09	1.15E-09	1.04E-09	4.76E-10	4.62E-10	2.23E-11	5.38E-10	1.19E-10	1.56E-10	2.48E-10	4.37E-11	2.43E-10	1.37E-09

2273	495661.06	3859901.99	1.91E-06	1.88E-06	1.83E-06	6.60E-10	1.99E-09	1.15E-09	1.14E-09	1.03E-09	4.71E-10	4.57E-10	2.20E-11	5.32E-10	1.17E-10	1.55E-10	2.45E-10	4.32E-11	2.40E-10	1.35E-09
2274	494311.06	3859951.99	2.36E-06	2.33E-06	2.26E-06	8.17E-10	2.47E-09	1.43E-09	1.41E-09	1.28E-09	5.83E-10	5.66E-10	2.73E-11	6.59E-10	1.45E-10	1.91E-10	3.04E-10	5.35E-11	2.97E-10	1.68E-09
2275	494361.06	3859951.99	2.34E-06	2.31E-06	2.24E-06	8.09E-10	2.44E-09	1.41E-09	1.40E-09	1.27E-09	5.77E-10	5.61E-10	2.70E-11	6.53E-10	1.44E-10	1.90E-10	3.01E-10	5.30E-11	2.94E-10	1.66E-09
2276	494411.06	3859951.99	2.32E-06	2.29E-06	2.22E-06	8.02E-10	2.42E-09	1.40E-09	1.38E-09	1.25E-09	5.72E-10	5.56E-10	2.68E-11	6.47E-10	1.43E-10	1.88E-10	2.98E-10	5.25E-11	2.92E-10	1.65E-09
2277	494461.06	3859951.99	2.30E-06	2.27E-06	2.20E-06	7.95E-10	2.40E-09	1.39E-09	1.37E-09	1.24E-09	5.68E-10	5.51E-10	2.66E-11	6.42E-10	1.42E-10	1.86E-10	2.96E-10	5.21E-11	2.89E-10	1.63E-09
2278	494511.06	3859951.99	2.28E-06	2.25E-06	2.19E-06	7.91E-10	2.39E-09	1.38E-09	1.36E-09	1.24E-09	5.64E-10	5.48E-10	2.64E-11	6.38E-10	1.41E-10	1.85E-10	2.94E-10	5.18E-11	2.88E-10	1.62E-09
2279	494561.06	3859951.99	2.29E-06	2.26E-06	2.19E-06	7.92E-10	2.39E-09	1.38E-09	1.37E-09	1.24E-09	5.65E-10	5.48E-10	2.64E-11	6.38E-10	1.41E-10	1.85E-10	2.94E-10	5.18E-11	2.88E-10	1.62E-09
2280	494611.06	3859951.99	2.25E-06	2.22E-06	2.16E-06	7.80E-10	2.36E-09	1.36E-09	1.35E-09	1.22E-09	5.57E-10	5.41E-10	2.61E-11	6.29E-10	1.39E-10	1.83E-10	2.90E-10	5.11E-11	2.84E-10	1.60E-09
2281	494661.06	3859951.99	2.25E-06	2.22E-06	2.15E-06	7.78E-10	2.35E-09	1.36E-09	1.34E-09	1.22E-09	5.55E-10	5.39E-10	2.60E-11	6.28E-10	1.39E-10	1.82E-10	2.89E-10	5.10E-11	2.83E-10	1.60E-09
2282	494711.06	3859951.99	2.22E-06	2.19E-06	2.13E-06	7.68E-10	2.32E-09	1.34E-09	1.32E-09	1.20E-09	5.48E-10	5.32E-10	2.56E-11	6.19E-10	1.37E-10	1.80E-10	2.85E-10	5.03E-11	2.79E-10	1.58E-09
2283	494761.06	3859951.99	2.20E-06	2.18E-06	2.11E-06	7.63E-10	2.30E-09	1.33E-09	1.32E-09	1.19E-09	5.45E-10	5.29E-10	2.55E-11	6.16E-10	1.36E-10	1.79E-10	2.84E-10	5.00E-11	2.78E-10	1.57E-09
2284	494811.06	3859951.99	2.19E-06	2.16E-06	2.10E-06	7.58E-10	2.29E-09	1.32E-09	1.31E-09	1.19E-09	5.41E-10	5.25E-10	2.53E-11	6.11E-10	1.35E-10	1.78E-10	2.82E-10	4.96E-11	2.76E-10	1.56E-09
2285	494861.06	3859951.99	2.18E-06	2.15E-06	2.09E-06	7.54E-10	2.28E-09	1.32E-09	1.30E-09	1.18E-09	5.38E-10	5.23E-10	2.52E-11	6.08E-10	1.34E-10	1.77E-10	2.80E-10	4.94E-11	2.74E-10	1.55E-09
2286	494911.06	3859951.99	2.16E-06	2.13E-06	2.07E-06	7.47E-10	2.25E-09	1.31E-09	1.29E-09	1.17E-09	5.33E-10	5.17E-10	2.49E-11	6.02E-10	1.33E-10	1.75E-10	2.77E-10	4.89E-11	2.72E-10	1.53E-09
2287	494961.06	3859951.99	2.14E-06	2.11E-06	2.05E-06	7.40E-10	2.23E-09	1.29E-09	1.28E-09	1.16E-09	5.28E-10	5.13E-10	2.47E-11	5.97E-10	1.32E-10	1.73E-10	2.75E-10	4.84E-11	2.69E-10	1.52E-09
2288	495011.06	3859951.99	2.12E-06	2.09E-06	2.03E-06	7.33E-10	2.21E-09	1.28E-09	1.27E-09	1.15E-09	5.23E-10	5.08E-10	2.45E-11	5.91E-10	1.31E-10	1.72E-10	2.72E-10	4.80E-11	2.67E-10	1.51E-09
2289	495061.06	3859951.99	2.10E-06	2.08E-06	2.02E-06	7.28E-10	2.20E-09	1.27E-09	1.26E-09	1.14E-09	5.19E-10	5.04E-10	2.43E-11	5.87E-10	1.30E-10	1.70E-10	2.70E-10	4.77E-11	2.65E-10	1.49E-09
2290	495111.06	3859951.99	2.08E-06	2.05E-06	2.00E-06	7.21E-10	2.18E-09	1.26E-09	1.24E-09	1.13E-09	5.14E-10	4.99E-10	2.41E-11	5.81E-10	1.28E-10	1.69E-10	2.68E-10	4.72E-11	2.62E-10	1.48E-09
2291	495161.06	3859951.99	2.06E-06	2.03E-06	1.98E-06	7.14E-10	2.15E-09	1.25E-09	1.23E-09	1.12E-09	5.09E-10	4.94E-10	2.38E-11	5.76E-10	1.27E-10	1.67E-10	2.65E-10	4.67E-11	2.60E-10	1.46E-09
2292	495211.06	3859951.99	2.04E-06	2.01E-06	1.96E-06	7.07E-10	2.13E-09	1.24E-09	1.22E-09	1.10E-09	5.04E-10	4.90E-10	2.36E-11	5.70E-10	1.26E-10	1.65E-10	2.63E-10	4.63E-11	2.57E-10	1.45E-09
2293	495261.06	3859951.99	2.02E-06	2.00E-06	1.94E-06	7.01E-10	2.12E-09	1.22E-09	1.21E-09	1.10E-09	5.00E-10	4.86E-10	2.34E-11	5.65E-10	1.25E-10	1.64E-10	2.60E-10	4.59E-11	2.55E-10	1.44E-09
2294	495311.06	3859951.99	2.01E-06	1.99E-06	1.93E-06	6.97E-10	2.10E-09	1.22E-09	1.20E-09	1.09E-09	4.97E-10	4.83E-10	2.33E-11	5.62E-10	1.24E-10	1.63E-10	2.59E-10	4.56E-11	2.53E-10	1.43E-09
2295	495361.06	3859951.99	2.00E-06	1.97E-06	1.91E-06	6.91E-10	2.09E-09	1.21E-09	1.19E-09	1.08E-09	4.93E-10	4.79E-10	2.31E-11	5.58E-10	1.23E-10	1.62E-10	2.57E-10	4.53E-11	2.51E-10	1.42E-09
2296	495411.06	3859951.99	1.98E-06	1.95E-06	1.90E-06	6.85E-10	2.07E-09	1.20E-09	1.18E-09	1.07E-09	4.88E-10	4.74E-10	2.29E-11	5.52E-10	1.22E-10	1.60E-10	2.54E-10	4.48E-11	2.49E-10	1.41E-09
2297	495461.06	3859951.99	1.96E-06	1.93E-06	1.88E-06	6.78E-10	2.05E-09	1.19E-09	1.17E-09	1.06E-09	4.84E-10	4.70E-10	2.26E-11	5.47E-10	1.21E-10	1.59E-10	2.52E-10	4.44E-11	2.47E-10	1.39E-09
2298	495511.06	3859951.99	1.94E-06	1.92E-06	1.86E-06	6.72E-10	2.03E-09	1.17E-09	1.16E-09	1.05E-09	4.79E-10	4.65E-10	2.24E-11	5.42E-10	1.20E-10	1.57E-10	2.50E-10	4.40E-11	2.44E-10	1.38E-09
2299	495561.06	3859951.99	1.93E-06	1.91E-06	1.85E-06	6.69E-10	2.02E-09	1.17E-09	1.15E-09	1.05E-09	4.77E-10	4.63E-10	2.23E-11	5.39E-10	1.19E-10	1.57E-10	2.48E-10	4.38E-11	2.43E-10	1.37E-09
2300	495611.06	3859951.99	1.91E-06	1.89E-06	1.83E-06	6.62E-10	2.00E-09	1.16E-09	1.14E-09	1.03E-09	4.72E-10	4.59E-10	2.21E-11	5.34E-10	1.18E-10	1.55E-10	2.46E-10	4.33E-11	2.41E-10	1.36E-09
2301	495661.06	3859951.99	1.89E-06	1.86E-06	1.81E-06	6.54E-10	1.97E-09	1.14E-09	1.13E-09	1.02E-09	4.67E-10	4.53E-10	2.18E-11	5.27E-10	1.16E-10	1.53E-10	2.43E-10	4.28E-11	2.38E-10	1.34E-09
2302	494311.06	3860001.99	2.31E-06	2.28E-06	2.22E-06	8.01E-10	2.42E-09	1.40E-09	1.38E-09	1.25E-09	5.72E-10	5.55E-10	2.67E-11	6.46E-10	1.43E-10	1.88E-10	2.98E-10	5.25E-11	2.91E-10	1.64E-09
2303	494361.06	3860001.99	2.30E-06	2.27E-06	2.20E-06	7.95E-10	2.40E-09	1.39E-09	1.37E-09	1.24E-09	5.67E-10	5.51E-10	2.65E-11	6.41E-10	1.41E-10	1.86E-10	2.95E-10	5.20E-11	2.89E-10	1.63E-09
2304	494411.06	3860001.99	2.27E-06	2.24E-06	2.18E-06	7.86E-10	2.37E-09	1.37E-09	1.36E-09	1.23E-09	5.61E-10	5.45E-10	2.62E-11	6.34E-10	1.40E-10	1.84E-10	2.92E-10	5.15E-11	2.86E-10	1.61E-09
2305	494461.06	3860001.99	2.26E-06	2.23E-06	2.16E-06	7.81E-10	2.36E-09	1.37E-09	1.35E-09	1.22E-09	5.58E-10	5.41E-10	2.61E-11	6.30E-10	1.39E-10	1.83E-10	2.90E-10	5.12E-11	2.84E-10	1.60E-09
2306	494511.06	3860001.99	2.24E-06	2.21E-06	2.14E-06	7.74E-10	2.34E-09	1.35E-09	1.34E-09	1.21E-09	5.52E-10	5.36E-10	2.59E-11	6.25E-10	1.38E-10	1.81E-10	2.88E-10	5.07E-11	2.82E-10	1.59E-09
2307	494561.06	3860001.99	2.24E-06	2.21E-06	2.15E-06	7.77E-10	2.34E-09	1.36E-09	1.34E-09	1.21E-09	5.54E-10	5.38E-10	2.59E-11	6.26E-10	1.38E-10	1.82E-10	2.89E-10	5.09E-11	2.82E-10	1.59E-09
2308	494611.06	3860001.99	2.22E-06	2.19E-06	2.13E-06	7.69E-10	2.32E-09	1.34E-09	1.33E-09	1.20E-09	5.49E-10	5.33E-10	2.57E-11	6.20E-10	1.37E-10	1.80E-10	2.86E-10	5.04E-11	2.80E-10	1.58E-09
2309	494661.06	3860001.99	2.21E-06	2.18E-06	2.12E-06	7.64E-10	2.31E-09	1.34E-09	1.32E-09	1.20E-09	5.45E-10	5.30E-10	2.55E-11	6.16E-10	1.36E-10	1.79E-10	2.84E-10	5.00E-11	2.78E-10	1.57E-09
2310	494711.06	3860001.99	2.17E-06	2.14E-06	2.08E-06	7.52E-10	2.27E-09	1.31E-09	1.30E-09	1.18E-09	5.36E-10	5.21E-10	2.51E-11	6.06E-10	1.34E-10	1.76E-10	2.79E-10	4.92E-11	2.73E-10	1.54E-09
2311	494761.06	3860001.99	2.17E-06	2.14E-06	2.08E-06	7.51E-10	2.27E-09	1.31E-09	1.29E-09	1.17E-09	5.36E-10	5.20E-10	2.51E-11	6.05E-10	1.34E-10	1.76E-10	2.79E-10	4.92E-11	2.73E-10	1.54E-09
2312	494811.06	3860001.99	2.16E-06	2.13E-06	2.07E-06	7.46E-10	2.25E-09	1.30E-09	1.29E-09	1.17E-09	5.33E-10	5.17E-10	2.49E-11	6.02E-10	1.33E-10	1.75E-10	2.77E-10	4.89E-11	2.71E-10	1.53E-09
2313	494861.06	3860001.99	2.15E-06	2.12E-06	2.06E-06	7.43E-10	2.24E-09	1.30E-09	1.28E-09	1.16E-09	5.30E-10	5.15E-10	2.48E-11	5.99E-10	1.32E-10	1.74E-10	2.76E-10	4.86E-11	2.70E-10	1.52E-09
2314	494911.06	3860001.99	2.11E-06	2.08E-06	2.02E-06	7.31E-10	2.21E-09	1.28E-09	1.26E-09	1.14E-09	5.22E-10	5.06E-10	2.44E-11	5.90E-10	1.30E-10	1.71E-10	2.72E-10	4.79E-11	2.66E-10	1.50E-09
2315	494961.06	3860001.99	2.10E-06	2.07E-06	2.01E-06	7.27E-10	2.20E-09	1.27E-09	1.25E-09	1.14E-09	5.19E-10	5.04E-10	2.43E-11	5.86E-10	1.29E-10	1.70E-10	2.70E-10	4.76E-11	2.64E-10	1.49E-09
2316	495011.06	3860001.99	2.08E-06	2.05E-06	1.99E-06	7.20E-10	2.18E-09	1.26E-09	1.24E-09	1.13E-09	5.14E-10	4.99E-10	2.41E-11	5.81E-10	1.28E-10	1.69E-10	2.68E-10	4.72E-11	2.62E-10	1.48E-09
2317	495061.06	3860001.99	2.07E-06	2.04E-06	1.98E-06	7.17E-10	2.16E-09	1.25E-09	1.24E-09	1.12E-09	5.11E-10	4.97E-10	2.39E-11	5.78E-10	1.28E-10	1.68E-10	2.66E-10	4.69E-11	2.61E-10	1.47E-09
2318	495111.06	3860001.99	2.05E-06	2.02E-06	1.97E-06	7.10E-10	2.14E-09	1.24E-09	1.22E-09	1.11E-09	5.07E-10	4.92E-10	2.37E-11	5.73E-10	1.26E-10	1.66E-10	2.64E-10	4.65E-11	2.58E-10	1.46E-09
2319	495161.06	3860001.99	2.03E-06	2.00E-06	1.95E-06	7.03E-10	2.12E-09	1.23E-09	1.21E-09	1.10E-09	5.02E-10	4.87E-10	2.35E-11	5.67E-10	1.25E-10	1.65E-10	2.61E-10	4.60E-11	2.56E-10	1.44E-09
2320	495211.06	3860001.99	2.02E-06	1.99E-06	1.94E-06	6.99E-10	2.11E-09	1.22E-09	1.21E-09	1.09E-09	4.99E-10	4.85E-10	2.34E-11	5.64E-10	1.24E-10	1.64E-10	2.60E-10	4.58E-11	2.54E-10	1.44E-09
2321	495261.06	3860001.99	2.00E-06	1.98E-06	1.92E-06	6.93E-10	2.09E-09	1.21E-09	1.20E-09	1.08E-09	4.94E-10	4.80E-10	2.31E-11	5.59E-10	1.23E-10	1.62E-10	2.57E-10	4.54E-11	2.52E-10	1.42E-09
2322	495311.06	3860001.99	1.99E-06	1.96E-06	1.91E-06	6.88E-10	2.08E-09	1.20E-09	1.19E-09	1.08E-09	4.91E-10	4.77E-10	2.30E-11	5.55E-10	1.22E-10	1.61E-10	2.56E-10	4.51E-11	2.50E-10	1.41E-09
2323	495361.06	3860001.99	1.96E-06	1.94E-06	1.88E-06	6.80E-10	2.05E-09	1.19E-09	1.17E-09	1.06E-09	4.85E-10	4.71E-10	2.27E-11	5.48E-10	1.21E-10	1.59E-10	2.53E-10	4.45E-11	2.47E-10	1.40E-09
2324	495411.06	3860001.99	1.96E-06	1.93E-06	1.87E-06	6.77E-10	2.04E-09	1.18E-09	1.17E-09	1.06E-09	4.83E-10	4.69E-10	2.26E-11	5.46E-10	1.20E-10	1.59E-10	2.51E-10	4.43E-11	2.46E-10	1.39E-09
2325	495461.06	3860001.99	1.94E-06	1.91E-06	1.86E-06	6.71E-10	2.03E-09	1.17E-09	1.16E-09	1.05E-09	4.79E-10	4.65E-10	2.24E-11	5.41E-10	1.19E-10	1.57E-10	2.49E-10	4.39E-11	2.44E-10	1.38E-09

2326	495511.06	3860001.99	1.92E-06	1.90E-06	1.84E-06	6.66E-10	2.01E-09	1.16E-09	1.15E-09	1.04E-09	4.75E-10	4.61E-10	2.22E-11	5.37E-10	1.18E-10	1.56E-10	2.47E-10	4.36E-11	2.42E-10	1.37E-09
2327	495561.06	3860001.99	1.91E-06	1.89E-06	1.83E-06	6.62E-10	2.00E-09	1.16E-09	1.14E-09	1.03E-09	4.72E-10	4.58E-10	2.21E-11	5.34E-10	1.18E-10	1.55E-10	2.46E-10	4.33E-11	2.41E-10	1.36E-09
2328	495611.06	3860001.99	1.89E-06	1.87E-06	1.81E-06	6.55E-10	1.98E-09	1.14E-09	1.13E-09	1.02E-09	4.67E-10	4.54E-10	2.19E-11	5.28E-10	1.17E-10	1.53E-10	2.43E-10	4.29E-11	2.38E-10	1.34E-09
2329	495661.06	3860001.99	1.87E-06	1.85E-06	1.79E-06	6.48E-10	1.96E-09	1.13E-09	1.12E-09	1.01E-09	4.63E-10	4.49E-10	2.16E-11	5.23E-10	1.15E-10	1.52E-10	2.41E-10	4.25E-11	2.36E-10	1.33E-09
2330	494411.06	3860051.99	2.23E-06	2.20E-06	2.14E-06	7.72E-10	2.33E-09	1.35E-09	1.33E-09	1.21E-09	5.51E-10	5.35E-10	2.58E-11	6.23E-10	1.37E-10	1.81E-10	2.87E-10	5.05E-11	2.81E-10	1.58E-09
2331	494461.06	3860051.99	2.21E-06	2.18E-06	2.12E-06	7.66E-10	2.31E-09	1.34E-09	1.32E-09	1.20E-09	5.46E-10	5.31E-10	2.56E-11	6.18E-10	1.36E-10	1.79E-10	2.85E-10	5.01E-11	2.78E-10	1.57E-09
2332	494511.06	3860051.99	2.20E-06	2.17E-06	2.10E-06	7.60E-10	2.30E-09	1.33E-09	1.31E-09	1.19E-09	5.43E-10	5.27E-10	2.54E-11	6.13E-10	1.35E-10	1.78E-10	2.82E-10	4.98E-11	2.76E-10	1.56E-09
2333	494561.06	3860051.99	2.19E-06	2.16E-06	2.10E-06	7.59E-10	2.29E-09	1.33E-09	1.31E-09	1.19E-09	5.41E-10	5.26E-10	2.53E-11	6.12E-10	1.35E-10	1.78E-10	2.82E-10	4.97E-11	2.76E-10	1.56E-09
2334	494611.06	3860051.99	2.18E-06	2.15E-06	2.09E-06	7.55E-10	2.28E-09	1.32E-09	1.30E-09	1.18E-09	5.38E-10	5.23E-10	2.52E-11	6.09E-10	1.34E-10	1.77E-10	2.80E-10	4.94E-11	2.74E-10	1.55E-09
2335	494661.06	3860051.99	2.17E-06	2.14E-06	2.08E-06	7.50E-10	2.26E-09	1.31E-09	1.29E-09	1.17E-09	5.35E-10	5.20E-10	2.50E-11	6.05E-10	1.33E-10	1.76E-10	2.79E-10	4.91E-11	2.73E-10	1.54E-09
2336	494711.06	3860051.99	2.14E-06	2.11E-06	2.05E-06	7.42E-10	2.24E-09	1.30E-09	1.28E-09	1.16E-09	5.29E-10	5.14E-10	2.48E-11	5.98E-10	1.32E-10	1.74E-10	2.76E-10	4.86E-11	2.70E-10	1.52E-09
2337	494761.06	3860051.99	2.13E-06	2.10E-06	2.04E-06	7.37E-10	2.23E-09	1.29E-09	1.27E-09	1.15E-09	5.26E-10	5.11E-10	2.46E-11	5.95E-10	1.31E-10	1.73E-10	2.74E-10	4.83E-11	2.68E-10	1.51E-09
2338	494811.06	3860051.99	2.12E-06	2.09E-06	2.03E-06	7.34E-10	2.22E-09	1.28E-09	1.27E-09	1.15E-09	5.24E-10	5.09E-10	2.45E-11	5.92E-10	1.31E-10	1.72E-10	2.73E-10	4.81E-11	2.67E-10	1.51E-09
2339	494861.06	3860051.99	2.11E-06	2.08E-06	2.02E-06	7.31E-10	2.21E-09	1.28E-09	1.26E-09	1.14E-09	5.22E-10	5.06E-10	2.44E-11	5.90E-10	1.30E-10	1.71E-10	2.72E-10	4.79E-11	2.66E-10	1.50E-09
2340	494911.06	3860051.99	2.09E-06	2.06E-06	2.00E-06	7.24E-10	2.19E-09	1.27E-09	1.25E-09	1.13E-09	5.17E-10	5.02E-10	2.42E-11	5.84E-10	1.29E-10	1.70E-10	2.69E-10	4.74E-11	2.63E-10	1.49E-09
2341	494961.06	3860051.99	2.07E-06	2.04E-06	1.98E-06	7.17E-10	2.16E-09	1.25E-09	1.24E-09	1.12E-09	5.12E-10	4.97E-10	2.39E-11	5.78E-10	1.28E-10	1.68E-10	2.66E-10	4.69E-11	2.61E-10	1.47E-09
2342	495011.06	3860051.99	2.05E-06	2.03E-06	1.97E-06	7.10E-10	2.14E-09	1.24E-09	1.23E-09	1.11E-09	5.07E-10	4.92E-10	2.37E-11	5.73E-10	1.26E-10	1.66E-10	2.64E-10	4.65E-11	2.58E-10	1.46E-09
2343	495061.06	3860051.99	2.04E-06	2.01E-06	1.95E-06	7.05E-10	2.13E-09	1.23E-09	1.22E-09	1.10E-09	5.03E-10	4.88E-10	2.35E-11	5.69E-10	1.25E-10	1.65E-10	2.62E-10	4.62E-11	2.56E-10	1.45E-09
2344	495111.06	3860051.99	2.02E-06	1.99E-06	1.93E-06	6.98E-10	2.11E-09	1.22E-09	1.20E-09	1.09E-09	4.98E-10	4.84E-10	2.33E-11	5.63E-10	1.24E-10	1.63E-10	2.59E-10	4.57E-11	2.54E-10	1.43E-09
2345	495161.06	3860051.99	2.00E-06	1.97E-06	1.92E-06	6.92E-10	2.09E-09	1.21E-09	1.19E-09	1.08E-09	4.94E-10	4.80E-10	2.31E-11	5.58E-10	1.23E-10	1.62E-10	2.57E-10	4.53E-11	2.52E-10	1.42E-09
2346	495211.06	3860051.99	1.98E-06	1.96E-06	1.90E-06	6.86E-10	2.07E-09	1.20E-09	1.18E-09	1.07E-09	4.90E-10	4.76E-10	2.29E-11	5.54E-10	1.22E-10	1.61E-10	2.55E-10	4.49E-11	2.50E-10	1.41E-09
2347	495261.06	3860051.99	1.97E-06	1.94E-06	1.89E-06	6.82E-10	2.06E-09	1.19E-09	1.18E-09	1.07E-09	4.86E-10	4.72E-10	2.28E-11	5.50E-10	1.21E-10	1.60E-10	2.53E-10	4.46E-11	2.48E-10	1.40E-09
2348	495311.06	3860051.99	1.96E-06	1.93E-06	1.88E-06	6.78E-10	2.05E-09	1.18E-09	1.17E-09	1.06E-09	4.84E-10	4.70E-10	2.26E-11	5.47E-10	1.21E-10	1.59E-10	2.52E-10	4.44E-11	2.46E-10	1.39E-09
2349	495361.06	3860051.99	1.94E-06	1.92E-06	1.86E-06	6.73E-10	2.03E-09	1.18E-09	1.16E-09	1.05E-09	4.80E-10	4.66E-10	2.25E-11	5.43E-10	1.20E-10	1.58E-10	2.50E-10	4.41E-11	2.45E-10	1.38E-09
2350	495411.06	3860051.99	1.93E-06	1.90E-06	1.85E-06	6.68E-10	2.02E-09	1.17E-09	1.15E-09	1.04E-09	4.77E-10	4.63E-10	2.23E-11	5.39E-10	1.19E-10	1.56E-10	2.48E-10	4.37E-11	2.43E-10	1.37E-09
2351	495461.06	3860051.99	1.91E-06	1.89E-06	1.83E-06	6.62E-10	2.00E-09	1.16E-09	1.14E-09	1.04E-09	4.73E-10	4.59E-10	2.21E-11	5.34E-10	1.18E-10	1.55E-10	2.46E-10	4.34E-11	2.41E-10	1.36E-09
2352	495511.06	3860051.99	1.90E-06	1.88E-06	1.82E-06	6.58E-10	1.99E-09	1.15E-09	1.13E-09	1.03E-09	4.69E-10	4.56E-10	2.20E-11	5.31E-10	1.17E-10	1.54E-10	2.44E-10	4.31E-11	2.39E-10	1.35E-09
2353	495561.06	3860051.99	1.89E-06	1.86E-06	1.81E-06	6.53E-10	1.97E-09	1.14E-09	1.13E-09	1.02E-09	4.66E-10	4.52E-10	2.18E-11	5.27E-10	1.16E-10	1.53E-10	2.43E-10	4.27E-11	2.37E-10	1.34E-09
2354	495611.06	3860051.99	1.87E-06	1.85E-06	1.79E-06	6.47E-10	1.95E-09	1.13E-09	1.12E-09	1.01E-09	4.62E-10	4.49E-10	2.16E-11	5.22E-10	1.15E-10	1.52E-10	2.41E-10	4.24E-11	2.35E-10	1.33E-09
2355	495661.06	3860051.99	1.85E-06	1.83E-06	1.77E-06	6.41E-10	1.93E-09	1.12E-09	1.11E-09	1.00E-09	4.57E-10	4.44E-10	2.14E-11	5.17E-10	1.14E-10	1.50E-10	2.38E-10	4.20E-11	2.33E-10	1.32E-09
2356	494411.06	3860101.99	2.18E-06	2.15E-06	2.08E-06	7.53E-10	2.27E-09	1.32E-09	1.30E-09	1.18E-09	5.37E-10	5.22E-10	2.51E-11	6.07E-10	1.34E-10	1.76E-10	2.80E-10	4.93E-11	2.74E-10	1.55E-09
2357	494461.06	3860101.99	2.17E-06	2.14E-06	2.08E-06	7.51E-10	2.27E-09	1.31E-09	1.30E-09	1.17E-09	5.36E-10	5.20E-10	2.51E-11	6.06E-10	1.34E-10	1.76E-10	2.79E-10	4.92E-11	2.73E-10	1.54E-09
2358	494511.06	3860101.99	2.15E-06	2.12E-06	2.06E-06	7.44E-10	2.25E-09	1.30E-09	1.28E-09	1.16E-09	5.31E-10	5.15E-10	2.48E-11	6.00E-10	1.32E-10	1.74E-10	2.76E-10	4.87E-11	2.70E-10	1.53E-09
2359	494561.06	3860101.99	2.14E-06	2.11E-06	2.05E-06	7.40E-10	2.23E-09	1.29E-09	1.28E-09	1.16E-09	5.28E-10	5.13E-10	2.47E-11	5.97E-10	1.32E-10	1.73E-10	2.75E-10	4.85E-11	2.69E-10	1.52E-09
2360	494611.06	3860101.99	2.13E-06	2.10E-06	2.04E-06	7.38E-10	2.23E-09	1.29E-09	1.27E-09	1.15E-09	5.27E-10	5.11E-10	2.46E-11	5.95E-10	1.31E-10	1.73E-10	2.74E-10	4.83E-11	2.68E-10	1.52E-09
2361	494661.06	3860101.99	2.12E-06	2.09E-06	2.03E-06	7.34E-10	2.22E-09	1.28E-09	1.27E-09	1.15E-09	5.24E-10	5.09E-10	2.45E-11	5.92E-10	1.31E-10	1.72E-10	2.73E-10	4.81E-11	2.67E-10	1.51E-09
2362	494711.06	3860101.99	2.10E-06	2.07E-06	2.01E-06	7.27E-10	2.20E-09	1.27E-09	1.25E-09	1.14E-09	5.19E-10	5.04E-10	2.43E-11	5.87E-10	1.29E-10	1.70E-10	2.70E-10	4.76E-11	2.64E-10	1.49E-09
2363	494761.06	3860101.99	2.09E-06	2.06E-06	2.00E-06	7.23E-10	2.18E-09	1.26E-09	1.25E-09	1.13E-09	5.16E-10	5.01E-10	2.41E-11	5.83E-10	1.29E-10	1.69E-10	2.69E-10	4.73E-11	2.63E-10	1.48E-09
2364	494811.06	3860101.99	2.08E-06	2.05E-06	1.99E-06	7.19E-10	2.17E-09	1.26E-09	1.24E-09	1.12E-09	5.13E-10	4.98E-10	2.40E-11	5.80E-10	1.28E-10	1.68E-10	2.67E-10	4.71E-11	2.61E-10	1.48E-09
2365	494861.06	3860101.99	2.07E-06	2.05E-06	1.99E-06	7.18E-10	2.17E-09	1.25E-09	1.24E-09	1.12E-09	5.12E-10	4.97E-10	2.40E-11	5.79E-10	1.28E-10	1.68E-10	2.67E-10	4.70E-11	2.61E-10	1.47E-09
2366	494911.06	3860101.99	2.05E-06	2.02E-06	1.96E-06	7.08E-10	2.14E-09	1.24E-09	1.22E-09	1.11E-09	5.05E-10	4.91E-10	2.36E-11	5.71E-10	1.26E-10	1.66E-10	2.63E-10	4.64E-11	2.57E-10	1.45E-09
2367	494961.06	3860101.99	2.03E-06	2.01E-06	1.95E-06	7.03E-10	2.12E-09	1.23E-09	1.21E-09	1.10E-09	5.02E-10	4.87E-10	2.35E-11	5.67E-10	1.25E-10	1.65E-10	2.61E-10	4.61E-11	2.56E-10	1.44E-09
2368	495011.06	3860101.99	2.01E-06	1.99E-06	1.93E-06	6.97E-10	2.11E-09	1.22E-09	1.20E-09	1.09E-09	4.98E-10	4.83E-10	2.33E-11	5.63E-10	1.24E-10	1.63E-10	2.59E-10	4.57E-11	2.54E-10	1.43E-09
2369	495061.06	3860101.99	2.00E-06	1.97E-06	1.92E-06	6.92E-10	2.09E-09	1.21E-09	1.19E-09	1.08E-09	4.94E-10	4.79E-10	2.31E-11	5.58E-10	1.23E-10	1.62E-10	2.57E-10	4.53E-11	2.52E-10	1.42E-09
2370	495111.06	3860101.99	1.98E-06	1.95E-06	1.90E-06	6.85E-10	2.07E-09	1.20E-09	1.18E-09	1.07E-09	4.89E-10	4.75E-10	2.29E-11	5.53E-10	1.22E-10	1.60E-10	2.55E-10	4.49E-11	2.49E-10	1.41E-09
2371	495161.06	3860101.99	1.97E-06	1.94E-06	1.89E-06	6.81E-10	2.06E-09	1.19E-09	1.17E-09	1.06E-09	4.86E-10	4.72E-10	2.27E-11	5.49E-10	1.21E-10	1.60E-10	2.53E-10	4.46E-11	2.48E-10	1.40E-09
2372	495211.06	3860101.99	1.95E-06	1.93E-06	1.87E-06	6.76E-10	2.04E-09	1.18E-09	1.17E-09	1.06E-09	4.82E-10	4.68E-10	2.26E-11	5.45E-10	1.20E-10	1.58E-10	2.51E-10	4.43E-11	2.46E-10	1.39E-09
2373	495261.06	3860101.99	1.94E-06	1.91E-06	1.86E-06	6.71E-10	2.03E-09	1.17E-09	1.16E-09	1.05E-09	4.79E-10	4.65E-10	2.24E-11	5.41E-10	1.19E-10	1.57E-10	2.49E-10	4.39E-11	2.44E-10	1.38E-09
2374	495311.06	3860101.99	1.93E-06	1.90E-06	1.84E-06	6.66E-10	2.01E-09	1.16E-09	1.15E-09	1.04E-09	4.76E-10	4.62E-10	2.23E-11	5.38E-10	1.19E-10	1.56E-10	2.48E-10	4.36E-11	2.42E-10	1.37E-09
2375	495361.06	3860101.99	1.91E-06	1.89E-06	1.83E-06	6.63E-10	2.00E-09	1.16E-09	1.14E-09	1.04E-09	4.73E-10	4.59E-10	2.21E-11	5.35E-10	1.18E-10	1.55E-10	2.46E-10	4.34E-11	2.41E-10	1.36E-09
2376	495411.06	3860101.99	1.90E-06	1.87E-06	1.82E-06	6.58E-10	1.99E-09	1.15E-09	1.13E-09	1.03E-09	4.69E-10	4.56E-10	2.20E-11	5.30E-10	1.17E-10	1.54E-10	2.44E-10	4.31E-11	2.39E-10	1.35E-09
2377	495461.06	3860101.99	1.88E-06	1.86E-06	1.80E-06	6.51E-10	1.97E-09	1.14E-09	1.12E-09	1.02E-09	4.65E-10	4.51E-10	2.17E-11	5.25E-10	1.16E-10	1.53E-10	2.42E-10	4.26E-11	2.37E-10	1.34E-09
2378	495511.06	3860101.99	1.87E-06	1.85E-06	1.79E-06	6.48E-10	1.96E-09	1.13E-09	1.12E-09	1.01E-09	4.62E-10	4.49E-10	2.16E-11	5.22E-10	1.15E-10	1.52E-10	2.41E-10	4.24E-11	2.35E-10	1.33E-09

2379	495561.06	3860101.99	1.86E-06	1.84E-06	1.78E-06	6.44E-10	1.94E-09	1.13E-09	1.11E-09	1.01E-09	4.59E-10	4.46E-10	2.15E-11	5.19E-10	1.15E-10	1.51E-10	2.39E-10	4.22E-11	2.34E-10	1.32E-09
2380	495611.06	3860101.99	1.84E-06	1.82E-06	1.76E-06	6.37E-10	1.92E-09	1.11E-09	1.10E-09	9.97E-10	4.55E-10	4.42E-10	2.13E-11	5.14E-10	1.13E-10	1.49E-10	2.37E-10	4.17E-11	2.32E-10	1.31E-09
2381	495661.06	3860101.99	1.83E-06	1.80E-06	1.75E-06	6.33E-10	1.91E-09	1.11E-09	1.09E-09	9.89E-10	4.51E-10	4.38E-10	2.11E-11	5.10E-10	1.13E-10	1.48E-10	2.35E-10	4.14E-11	2.30E-10	1.30E-09
2382	494861.06	3860151.99	2.03E-06	2.00E-06	1.95E-06	7.03E-10	2.12E-09	1.23E-09	1.21E-09	1.10E-09	5.02E-10	4.87E-10	2.35E-11	5.67E-10	1.25E-10	1.65E-10	2.61E-10	4.60E-11	2.56E-10	1.44E-09
2383	494911.06	3860151.99	2.01E-06	1.98E-06	1.92E-06	6.95E-10	2.10E-09	1.21E-09	1.20E-09	1.09E-09	4.96E-10	4.81E-10	2.32E-11	5.60E-10	1.24E-10	1.63E-10	2.58E-10	4.55E-11	2.53E-10	1.43E-09
2384	494961.06	3860151.99	1.99E-06	1.97E-06	1.91E-06	6.90E-10	2.08E-09	1.21E-09	1.19E-09	1.08E-09	4.92E-10	4.78E-10	2.30E-11	5.56E-10	1.23E-10	1.62E-10	2.56E-10	4.52E-11	2.51E-10	1.42E-09
2385	495011.06	3860151.99	1.98E-06	1.95E-06	1.89E-06	6.84E-10	2.07E-09	1.20E-09	1.18E-09	1.07E-09	4.88E-10	4.74E-10	2.28E-11	5.52E-10	1.22E-10	1.60E-10	2.54E-10	4.48E-11	2.49E-10	1.40E-09
2386	495061.06	3860151.99	1.96E-06	1.94E-06	1.88E-06	6.79E-10	2.05E-09	1.19E-09	1.17E-09	1.06E-09	4.84E-10	4.70E-10	2.27E-11	5.48E-10	1.21E-10	1.59E-10	2.52E-10	4.44E-11	2.47E-10	1.39E-09
2387	495111.06	3860151.99	1.95E-06	1.92E-06	1.87E-06	6.74E-10	2.03E-09	1.18E-09	1.16E-09	1.05E-09	4.81E-10	4.67E-10	2.25E-11	5.44E-10	1.20E-10	1.58E-10	2.50E-10	4.41E-11	2.45E-10	1.38E-09
2388	495161.06	3860151.99	1.93E-06	1.91E-06	1.85E-06	6.69E-10	2.02E-09	1.17E-09	1.15E-09	1.05E-09	4.78E-10	4.64E-10	2.24E-11	5.40E-10	1.19E-10	1.57E-10	2.49E-10	4.38E-11	2.43E-10	1.37E-09
2389	495211.06	3860151.99	1.92E-06	1.89E-06	1.84E-06	6.65E-10	2.01E-09	1.16E-09	1.15E-09	1.04E-09	4.74E-10	4.60E-10	2.22E-11	5.36E-10	1.18E-10	1.56E-10	2.47E-10	4.35E-11	2.42E-10	1.36E-09
2390	495261.06	3860151.99	1.91E-06	1.88E-06	1.83E-06	6.60E-10	1.99E-09	1.15E-09	1.14E-09	1.03E-09	4.71E-10	4.57E-10	2.20E-11	5.33E-10	1.18E-10	1.55E-10	2.45E-10	4.32E-11	2.40E-10	1.36E-09
2391	495311.06	3860151.99	1.89E-06	1.87E-06	1.82E-06	6.56E-10	1.98E-09	1.15E-09	1.13E-09	1.03E-09	4.68E-10	4.54E-10	2.19E-11	5.29E-10	1.17E-10	1.54E-10	2.44E-10	4.29E-11	2.39E-10	1.35E-09
2392	495361.06	3860151.99	1.88E-06	1.86E-06	1.80E-06	6.52E-10	1.97E-09	1.14E-09	1.12E-09	1.02E-09	4.65E-10	4.52E-10	2.18E-11	5.26E-10	1.16E-10	1.53E-10	2.42E-10	4.27E-11	2.37E-10	1.34E-09
2393	495411.06	3860151.99	1.87E-06	1.84E-06	1.79E-06	6.47E-10	1.95E-09	1.13E-09	1.12E-09	1.01E-09	4.62E-10	4.48E-10	2.16E-11	5.22E-10	1.15E-10	1.52E-10	2.40E-10	4.24E-11	2.35E-10	1.33E-09
2394	495461.06	3860151.99	1.86E-06	1.83E-06	1.78E-06	6.43E-10	1.94E-09	1.12E-09	1.11E-09	1.00E-09	4.59E-10	4.45E-10	2.15E-11	5.18E-10	1.14E-10	1.51E-10	2.39E-10	4.21E-11	2.34E-10	1.32E-09
2395	495511.06	3860151.99	1.84E-06	1.82E-06	1.77E-06	6.38E-10	1.93E-09	1.11E-09	1.10E-09	9.97E-10	4.55E-10	4.42E-10	2.13E-11	5.14E-10	1.13E-10	1.49E-10	2.37E-10	4.18E-11	2.32E-10	1.31E-09
2396	495561.06	3860151.99	1.83E-06	1.81E-06	1.75E-06	6.34E-10	1.91E-09	1.11E-09	1.09E-09	9.91E-10	4.52E-10	4.39E-10	2.12E-11	5.11E-10	1.13E-10	1.48E-10	2.35E-10	4.15E-11	2.30E-10	1.30E-09
2397	495611.06	3860151.99	1.82E-06	1.79E-06	1.74E-06	6.29E-10	1.90E-09	1.10E-09	1.08E-09	9.83E-10	4.49E-10	4.36E-10	2.10E-11	5.07E-10	1.12E-10	1.47E-10	2.34E-10	4.12E-11	2.29E-10	1.29E-09
2398	495661.06	3860151.99	1.80E-06	1.78E-06	1.73E-06	6.23E-10	1.88E-09	1.09E-09	1.08E-09	9.75E-10	4.45E-10	4.32E-10	2.08E-11	5.03E-10	1.11E-10	1.46E-10	2.32E-10	4.08E-11	2.27E-10	1.28E-09
2399	495718.25	3859442.96	1.85E-06	1.82E-06	1.77E-06	6.40E-10	1.93E-09	1.12E-09	1.10E-09	1.00E-09	4.56E-10	4.43E-10	2.14E-11	5.16E-10	1.14E-10	1.50E-10	2.38E-10	4.19E-11	2.33E-10	1.31E-09
2400	495818.25	3859442.96	1.80E-06	1.77E-06	1.72E-06	6.22E-10	1.88E-09	1.09E-09	1.07E-09	9.72E-10	4.44E-10	4.31E-10	2.08E-11	5.01E-10	1.11E-10	1.46E-10	2.31E-10	4.07E-11	2.26E-10	1.28E-09
2401	495918.25	3859442.96	1.76E-06	1.74E-06	1.69E-06	6.09E-10	1.84E-09	1.06E-09	1.05E-09	9.52E-10	4.34E-10	4.22E-10	2.03E-11	4.91E-10	1.08E-10	1.43E-10	2.26E-10	3.99E-11	2.21E-10	1.25E-09
2402	496018.25	3859442.96	1.73E-06	1.70E-06	1.66E-06	5.98E-10	1.81E-09	1.04E-09	1.03E-09	9.35E-10	4.27E-10	4.14E-10	2.00E-11	4.82E-10	1.06E-10	1.40E-10	2.22E-10	3.91E-11	2.17E-10	1.23E-09
2403	496118.25	3859442.96	1.74E-06	1.71E-06	1.67E-06	6.01E-10	1.82E-09	1.05E-09	1.04E-09	9.41E-10	4.29E-10	4.17E-10	2.01E-11	4.85E-10	1.07E-10	1.41E-10	2.23E-10	3.94E-11	2.19E-10	1.23E-09
2404	496218.25	3859442.96	1.74E-06	1.72E-06	1.67E-06	6.03E-10	1.82E-09	1.05E-09	1.04E-09	9.43E-10	4.30E-10	4.18E-10	2.01E-11	4.86E-10	1.07E-10	1.41E-10	2.24E-10	3.95E-11	2.19E-10	1.24E-09
2405	496318.25	3859442.96	1.71E-06	1.69E-06	1.64E-06	5.93E-10	1.79E-09	1.04E-09	1.02E-09	9.28E-10	4.23E-10	4.11E-10	1.98E-11	4.79E-10	1.06E-10	1.39E-10	2.20E-10	3.89E-11	2.16E-10	1.22E-09
2406	496418.25	3859442.96	1.68E-06	1.66E-06	1.61E-06	5.83E-10	1.76E-09	1.02E-09	1.01E-09	9.12E-10	4.16E-10	4.04E-10	1.95E-11	4.70E-10	1.04E-10	1.37E-10	2.17E-10	3.82E-11	2.12E-10	1.20E-09
2407	495718.25	3859542.96	1.88E-06	1.86E-06	1.80E-06	6.51E-10	1.97E-09	1.14E-09	1.12E-09	1.02E-09	4.65E-10	4.51E-10	2.17E-11	5.25E-10	1.16E-10	1.53E-10	2.42E-10	4.26E-11	2.37E-10	1.34E-09
2408	495818.25	3859542.96	1.84E-06	1.82E-06	1.77E-06	6.38E-10	1.93E-09	1.11E-09	1.10E-09	9.98E-10	4.55E-10	4.42E-10	2.13E-11	5.15E-10	1.14E-10	1.49E-10	2.37E-10	4.18E-11	2.32E-10	1.31E-09
2409	495918.25	3859542.96	1.80E-06	1.77E-06	1.72E-06	6.22E-10	1.88E-09	1.09E-09	1.07E-09	9.73E-10	4.44E-10	4.31E-10	2.08E-11	5.02E-10	1.11E-10	1.46E-10	2.31E-10	4.07E-11	2.26E-10	1.28E-09
2410	496018.25	3859542.96	1.76E-06	1.74E-06	1.69E-06	6.09E-10	1.84E-09	1.06E-09	1.05E-09	9.52E-10	4.34E-10	4.22E-10	2.03E-11	4.91E-10	1.08E-10	1.43E-10	2.26E-10	3.99E-11	2.21E-10	1.25E-09
2411	496118.25	3859542.96	1.77E-06	1.74E-06	1.69E-06	6.12E-10	1.85E-09	1.07E-09	1.05E-09	9.56E-10	4.36E-10	4.24E-10	2.04E-11	4.93E-10	1.09E-10	1.43E-10	2.27E-10	4.00E-11	2.22E-10	1.26E-09
2412	496218.25	3859542.96	1.76E-06	1.74E-06	1.69E-06	6.10E-10	1.84E-09	1.07E-09	1.05E-09	9.54E-10	4.35E-10	4.23E-10	2.04E-11	4.92E-10	1.09E-10	1.43E-10	2.27E-10	3.99E-11	2.22E-10	1.25E-09
2413	496318.25	3859542.96	1.75E-06	1.73E-06	1.68E-06	6.05E-10	1.83E-09	1.06E-09	1.04E-09	9.46E-10	4.32E-10	4.19E-10	2.02E-11	4.88E-10	1.08E-10	1.42E-10	2.25E-10	3.96E-11	2.20E-10	1.24E-09
2414	496418.25	3859542.96	1.71E-06	1.69E-06	1.64E-06	5.92E-10	1.79E-09	1.03E-09	1.02E-09	9.25E-10	4.22E-10	4.10E-10	1.98E-11	4.77E-10	1.05E-10	1.39E-10	2.20E-10	3.88E-11	2.15E-10	1.21E-09
2415	495718.25	3859642.96	1.89E-06	1.87E-06	1.81E-06	6.55E-10	1.98E-09	1.14E-09	1.13E-09	1.02E-09	4.67E-10	4.54E-10	2.19E-11	5.28E-10	1.17E-10	1.53E-10	2.43E-10	4.29E-11	2.38E-10	1.34E-09
2416	495818.25	3859642.96	1.85E-06	1.82E-06	1.77E-06	6.40E-10	1.93E-09	1.12E-09	1.10E-09	1.00E-09	4.57E-10	4.43E-10	2.14E-11	5.16E-10	1.14E-10	1.50E-10	2.38E-10	4.19E-11	2.33E-10	1.31E-09
2417	495918.25	3859642.96	1.82E-06	1.80E-06	1.74E-06	6.30E-10	1.90E-09	1.10E-09	1.09E-09	9.85E-10	4.50E-10	4.37E-10	2.10E-11	5.08E-10	1.12E-10	1.48E-10	2.34E-10	4.13E-11	2.29E-10	1.29E-09
2418	496018.25	3859642.96	1.78E-06	1.76E-06	1.71E-06	6.17E-10	1.86E-09	1.08E-09	1.06E-09	9.65E-10	4.40E-10	4.28E-10	2.06E-11	4.98E-10	1.10E-10	1.45E-10	2.29E-10	4.04E-11	2.24E-10	1.27E-09
2419	496118.25	3859642.96	1.79E-06	1.77E-06	1.72E-06	6.21E-10	1.88E-09	1.09E-09	1.07E-09	9.71E-10	4.43E-10	4.30E-10	2.07E-11	5.01E-10	1.11E-10	1.45E-10	2.31E-10	4.07E-11	2.26E-10	1.28E-09
2420	496218.25	3859642.96	1.79E-06	1.77E-06	1.72E-06	6.20E-10	1.87E-09	1.08E-09	1.07E-09	9.70E-10	4.43E-10	4.30E-10	2.07E-11	5.00E-10	1.10E-10	1.45E-10	2.31E-10	4.06E-11	2.26E-10	1.27E-09
2421	496318.25	3859642.96	1.76E-06	1.74E-06	1.69E-06	6.10E-10	1.84E-09	1.07E-09	1.05E-09	9.53E-10	4.35E-10	4.22E-10	2.04E-11	4.92E-10	1.08E-10	1.43E-10	2.27E-10	3.99E-11	2.22E-10	1.25E-09
2422	496418.25	3859642.96	1.66E-06	1.64E-06	1.59E-06	5.76E-10	1.74E-09	1.01E-09	9.94E-10	9.01E-10	4.11E-10	3.99E-10	1.92E-11	4.65E-10	1.03E-10	1.35E-10	2.14E-10	3.77E-11	2.09E-10	1.18E-09
2423	495718.25	3859742.96	1.91E-06	1.89E-06	1.83E-06	6.61E-10	2.00E-09	1.16E-09	1.14E-09	1.03E-09	4.72E-10	4.58E-10	2.21E-11	5.33E-10	1.18E-10	1.55E-10	2.46E-10	4.33E-11	2.40E-10	1.36E-09
2424	495818.25	3859742.96	1.86E-06	1.84E-06	1.78E-06	6.45E-10	1.95E-09	1.13E-09	1.11E-09	1.01E-09	4.60E-10	4.47E-10	2.15E-11	5.20E-10	1.15E-10	1.51E-10	2.40E-10	4.22E-11	2.34E-10	1.32E-09
2425	495918.25	3859742.96	1.83E-06	1.80E-06	1.75E-06	6.32E-10	1.91E-09	1.11E-09	1.09E-09	9.89E-10	4.51E-10	4.38E-10	2.11E-11	5.10E-10	1.13E-10	1.48E-10	2.35E-10	4.14E-11	2.30E-10	1.30E-09
2426	496018.25	3859742.96	1.79E-06	1.77E-06	1.71E-06	6.19E-10	1.87E-09	1.08E-09	1.07E-09	9.69E-10	4.42E-10	4.29E-10	2.07E-11	5.00E-10	1.10E-10	1.45E-10	2.30E-10	4.06E-11	2.25E-10	1.27E-09
2427	496118.25	3859742.96	1.79E-06	1.77E-06	1.72E-06	6.20E-10	1.87E-09	1.08E-09	1.07E-09	9.70E-10	4.43E-10	4.30E-10	2.07E-11	5.00E-10	1.10E-10	1.45E-10	2.31E-10	4.06E-11	2.26E-10	1.27E-09
2428	496218.25	3859742.96	1.80E-06	1.78E-06	1.73E-06	6.24E-10	1.88E-09	1.09E-09	1.08E-09	9.75E-10	4.45E-10	4.32E-10	2.08E-11	5.03E-10	1.11E-10	1.46E-10	2.32E-10	4.08E-11	2.27E-10	1.28E-09
2429	496318.25	3859742.96	1.72E-06	1.70E-06	1.65E-06	5.97E-10	1.80E-09	1.04E-09	1.03E-09	9.33E-10	4.26E-10	4.13E-10	1.99E-11	4.81E-10	1.06E-10	1.40E-10	2.22E-10	3.91E-11	2.17E-10	1.22E-09
2430	496418.25	3859742.96	1.65E-06	1.63E-06	1.58E-06	5.72E-10	1.73E-09	1.00E-09	9.87E-10	8.95E-10	4.08E-10	3.97E-10	1.91E-11	4.62E-10	1.02E-10	1.34E-10	2.13E-10	3.75E-11	2.08E-10	1.17E-09
2431	495718.25	3859842.96	1.90E-06	1.88E-06	1.82E-06	6.59E-10	1.99E-09	1.15E-09	1.14E-09	1.03E-09	4.70E-10	4.56E-10	2.20E-11	5.31E-10	1.17E-10	1.54E-10	2.45E-10	4.31E-11	2.39E-10	1.35E-09

2432	495818.25	3859842.96	1.87E-06	1.84E-06	1.79E-06	6.46E-10	1.95E-09	1.13E-09	1.11E-09	1.01E-09	4.61E-10	4.48E-10	2.16E-11	5.21E-10	1.15E-10	1.51E-10	2.40E-10	4.23E-11	2.35E-10	1.33E-09
2433	495918.25	3859842.96	1.83E-06	1.81E-06	1.75E-06	6.34E-10	1.91E-09	1.11E-09	1.09E-09	9.91E-10	4.52E-10	4.39E-10	2.12E-11	5.11E-10	1.13E-10	1.48E-10	2.35E-10	4.15E-11	2.30E-10	1.30E-09
2434	496018.25	3859842.96	1.81E-06	1.78E-06	1.73E-06	6.26E-10	1.89E-09	1.09E-09	1.08E-09	9.78E-10	4.46E-10	4.33E-10	2.09E-11	5.05E-10	1.11E-10	1.47E-10	2.32E-10	4.10E-11	2.27E-10	1.28E-09
2435	496118.25	3859842.96	1.82E-06	1.79E-06	1.74E-06	6.29E-10	1.90E-09	1.10E-09	1.09E-09	9.84E-10	4.49E-10	4.36E-10	2.10E-11	5.08E-10	1.12E-10	1.47E-10	2.34E-10	4.12E-11	2.29E-10	1.29E-09
2436	496218.25	3859842.96	1.75E-06	1.73E-06	1.68E-06	6.06E-10	1.83E-09	1.06E-09	1.05E-09	9.47E-10	4.32E-10	4.20E-10	2.02E-11	4.89E-10	1.08E-10	1.42E-10	2.25E-10	3.97E-11	2.20E-10	1.24E-09
2437	496318.25	3859842.96	1.62E-06	1.60E-06	1.55E-06	5.61E-10	1.69E-09	9.80E-10	9.67E-10	8.77E-10	4.00E-10	3.88E-10	1.87E-11	4.52E-10	9.98E-11	1.31E-10	2.08E-10	3.67E-11	2.04E-10	1.15E-09
2438	496418.25	3859842.96	1.53E-06	1.51E-06	1.47E-06	5.30E-10	1.60E-09	9.27E-10	9.15E-10	8.29E-10	3.78E-10	3.67E-10	1.77E-11	4.28E-10	9.44E-11	1.24E-10	1.97E-10	3.47E-11	1.93E-10	1.09E-09
2439	495718.25	3859942.96	1.88E-06	1.85E-06	1.80E-06	6.50E-10	1.96E-09	1.14E-09	1.12E-09	1.02E-09	4.63E-10	4.50E-10	2.17E-11	5.24E-10	1.16E-10	1.52E-10	2.41E-10	4.25E-11	2.36E-10	1.33E-09
2440	495818.25	3859942.96	1.84E-06	1.82E-06	1.76E-06	6.37E-10	1.92E-09	1.11E-09	1.10E-09	9.97E-10	4.55E-10	4.42E-10	2.13E-11	5.14E-10	1.13E-10	1.49E-10	2.37E-10	4.17E-11	2.32E-10	1.31E-09
2441	495918.25	3859942.96	1.81E-06	1.79E-06	1.74E-06	6.28E-10	1.90E-09	1.10E-09	1.08E-09	9.82E-10	4.48E-10	4.35E-10	2.10E-11	5.07E-10	1.12E-10	1.47E-10	2.33E-10	4.11E-11	2.28E-10	1.29E-09
2442	496018.25	3859942.96	1.81E-06	1.78E-06	1.73E-06	6.26E-10	1.89E-09	1.09E-09	1.08E-09	9.79E-10	4.47E-10	4.34E-10	2.09E-11	5.05E-10	1.11E-10	1.47E-10	2.33E-10	4.10E-11	2.28E-10	1.29E-09
2443	496118.25	3859942.96	1.76E-06	1.74E-06	1.69E-06	6.09E-10	1.84E-09	1.06E-09	1.05E-09	9.52E-10	4.34E-10	4.22E-10	2.03E-11	4.91E-10	1.08E-10	1.43E-10	2.26E-10	3.99E-11	2.21E-10	1.25E-09
2444	496218.25	3859942.96	1.68E-06	1.66E-06	1.61E-06	5.81E-10	1.76E-09	1.02E-09	1.00E-09	9.09E-10	4.15E-10	4.03E-10	1.94E-11	4.69E-10	1.03E-10	1.36E-10	2.16E-10	3.81E-11	2.11E-10	1.19E-09
2445	496318.25	3859942.96	1.59E-06	1.57E-06	1.53E-06	5.52E-10	1.67E-09	9.65E-10	9.52E-10	8.63E-10	3.94E-10	3.82E-10	1.84E-11	4.45E-10	9.82E-11	1.29E-10	2.05E-10	3.61E-11	2.01E-10	1.13E-09
2446	496418.25	3859942.96	1.48E-06	1.46E-06	1.42E-06	5.12E-10	1.55E-09	8.95E-10	8.84E-10	8.01E-10	3.66E-10	3.55E-10	1.71E-11	4.13E-10	9.12E-11	1.20E-10	1.90E-10	3.35E-11	1.86E-10	1.05E-09
2447	496856.82	3858864.83	1.35E-06	1.33E-06	1.29E-06	4.67E-10	1.41E-09	8.17E-10	8.06E-10	7.31E-10	3.33E-10	3.24E-10	1.56E-11	3.77E-10	8.32E-11	1.09E-10	1.74E-10	3.06E-11	1.70E-10	9.59E-10
2448	496956.82	3858864.83	1.32E-06	1.30E-06	1.27E-06	4.57E-10	1.38E-09	7.99E-10	7.89E-10	7.15E-10	3.26E-10	3.17E-10	1.53E-11	3.69E-10	8.14E-11	1.07E-10	1.70E-10	2.99E-11	1.66E-10	9.38E-10
2449	497056.82	3858864.83	1.29E-06	1.28E-06	1.24E-06	4.47E-10	1.35E-09	7.82E-10	7.72E-10	7.00E-10	3.19E-10	3.10E-10	1.49E-11	3.61E-10	7.96E-11	1.05E-10	1.66E-10	2.93E-11	1.63E-10	9.19E-10
2450	497156.82	3858864.83	1.26E-06	1.24E-06	1.21E-06	4.36E-10	1.32E-09	7.62E-10	7.52E-10	6.82E-10	3.11E-10	3.02E-10	1.46E-11	3.52E-10	7.76E-11	1.02E-10	1.62E-10	2.85E-11	1.59E-10	8.95E-10
2451	497256.82	3858864.83	1.25E-06	1.23E-06	1.19E-06	4.31E-10	1.30E-09	7.53E-10	7.44E-10	6.74E-10	3.08E-10	2.99E-10	1.44E-11	3.48E-10	7.67E-11	1.01E-10	1.60E-10	2.82E-11	1.57E-10	8.85E-10
2452	496856.82	3858964.83	1.38E-06	1.36E-06	1.32E-06	4.78E-10	1.44E-09	8.36E-10	8.25E-10	7.48E-10	3.41E-10	3.31E-10	1.60E-11	3.86E-10	8.51E-11	1.12E-10	1.78E-10	3.13E-11	1.74E-10	9.81E-10
2453	496956.82	3858964.83	1.34E-06	1.32E-06	1.28E-06	4.64E-10	1.40E-09	8.11E-10	8.01E-10	7.26E-10	3.31E-10	3.22E-10	1.55E-11	3.74E-10	8.26E-11	1.09E-10	1.72E-10	3.04E-11	1.69E-10	9.53E-10
2454	497056.82	3858964.83	1.31E-06	1.29E-06	1.26E-06	4.53E-10	1.37E-09	7.92E-10	7.82E-10	7.09E-10	3.24E-10	3.14E-10	1.51E-11	3.66E-10	8.07E-11	1.06E-10	1.68E-10	2.97E-11	1.65E-10	9.31E-10
2455	497156.82	3858964.83	1.28E-06	1.26E-06	1.23E-06	4.43E-10	1.34E-09	7.74E-10	7.64E-10	6.92E-10	3.16E-10	3.07E-10	1.48E-11	3.57E-10	7.88E-11	1.04E-10	1.64E-10	2.90E-11	1.61E-10	9.09E-10
2456	497256.82	3858964.83	1.29E-06	1.27E-06	1.23E-06	4.45E-10	1.34E-09	7.78E-10	7.67E-10	6.96E-10	3.17E-10	3.08E-10	1.49E-11	3.59E-10	7.92E-11	1.04E-10	1.65E-10	2.91E-11	1.62E-10	9.13E-10
2457	496856.82	3859064.83	1.39E-06	1.37E-06	1.33E-06	4.82E-10	1.46E-09	8.43E-10	8.32E-10	7.54E-10	3.44E-10	3.34E-10	1.61E-11	3.89E-10	8.58E-11	1.13E-10	1.79E-10	3.16E-11	1.75E-10	9.90E-10
2458	496956.82	3859064.83	1.36E-06	1.34E-06	1.30E-06	4.70E-10	1.42E-09	8.22E-10	8.11E-10	7.35E-10	3.35E-10	3.26E-10	1.57E-11	3.79E-10	8.37E-11	1.10E-10	1.75E-10	3.08E-11	1.71E-10	9.65E-10
2459	497056.82	3859064.83	1.33E-06	1.31E-06	1.27E-06	4.60E-10	1.39E-09	8.04E-10	7.94E-10	7.20E-10	3.28E-10	3.19E-10	1.54E-11	3.71E-10	8.19E-11	1.08E-10	1.71E-10	3.01E-11	1.67E-10	9.45E-10
2460	497156.82	3859064.83	1.30E-06	1.29E-06	1.25E-06	4.52E-10	1.36E-09	7.89E-10	7.79E-10	7.06E-10	3.22E-10	3.13E-10	1.51E-11	3.64E-10	8.04E-11	1.06E-10	1.68E-10	2.96E-11	1.64E-10	9.27E-10
2461	497256.82	3859064.83	1.32E-06	1.31E-06	1.27E-06	4.59E-10	1.38E-09	8.02E-10	7.91E-10	7.17E-10	3.27E-10	3.18E-10	1.53E-11	3.70E-10	8.16E-11	1.07E-10	1.70E-10	3.00E-11	1.67E-10	9.42E-10
2462	496856.82	3859164.83	1.39E-06	1.37E-06	1.33E-06	4.81E-10	1.45E-09	8.41E-10	8.30E-10	7.52E-10	3.43E-10	3.33E-10	1.61E-11	3.88E-10	8.56E-11	1.13E-10	1.79E-10	3.15E-11	1.75E-10	9.87E-10
2463	496956.82	3859164.83	1.35E-06	1.33E-06	1.30E-06	4.68E-10	1.41E-09	8.18E-10	8.07E-10	7.32E-10	3.34E-10	3.24E-10	1.56E-11	3.77E-10	8.33E-11	1.10E-10	1.74E-10	3.06E-11	1.70E-10	9.61E-10
2464	497056.82	3859164.83	1.33E-06	1.32E-06	1.28E-06	4.62E-10	1.39E-09	8.07E-10	7.97E-10	7.22E-10	3.30E-10	3.20E-10	1.54E-11	3.72E-10	8.22E-11	1.08E-10	1.72E-10	3.02E-11	1.68E-10	9.48E-10
2465	497156.82	3859164.83	1.34E-06	1.32E-06	1.28E-06	4.63E-10	1.40E-09	8.09E-10	7.99E-10	7.24E-10	3.30E-10	3.21E-10	1.55E-11	3.73E-10	8.24E-11	1.08E-10	1.72E-10	3.03E-11	1.68E-10	9.50E-10
2466	497256.82	3859164.83	1.37E-06	1.35E-06	1.31E-06	4.73E-10	1.43E-09	8.27E-10	8.16E-10	7.40E-10	3.38E-10	3.28E-10	1.58E-11	3.82E-10	8.42E-11	1.11E-10	1.76E-10	3.10E-11	1.72E-10	9.71E-10
2467	496856.82	3859264.83	1.38E-06	1.36E-06	1.32E-06	4.76E-10	1.44E-09	8.32E-10	8.22E-10	7.45E-10	3.40E-10	3.30E-10	1.59E-11	3.84E-10	8.48E-11	1.12E-10	1.77E-10	3.12E-11	1.73E-10	9.78E-10
2468	496956.82	3859264.83	1.36E-06	1.35E-06	1.31E-06	4.73E-10	1.43E-09	8.26E-10	8.15E-10	7.39E-10	3.37E-10	3.27E-10	1.58E-11	3.81E-10	8.41E-11	1.11E-10	1.76E-10	3.09E-11	1.72E-10	9.70E-10
2469	497056.82	3859264.83	1.37E-06	1.35E-06	1.31E-06	4.74E-10	1.43E-09	8.29E-10	8.18E-10	7.42E-10	3.39E-10	3.29E-10	1.58E-11	3.83E-10	8.44E-11	1.11E-10	1.76E-10	3.11E-11	1.73E-10	9.74E-10
2470	497156.82	3859264.83	1.37E-06	1.35E-06	1.32E-06	4.75E-10	1.43E-09	8.31E-10	8.20E-10	7.43E-10	3.39E-10	3.29E-10	1.59E-11	3.83E-10	8.46E-11	1.11E-10	1.77E-10	3.11E-11	1.73E-10	9.75E-10
2471	497256.82	3859264.83	1.40E-06	1.38E-06	1.34E-06	4.83E-10	1.46E-09	8.44E-10	8.33E-10	7.55E-10	3.45E-10	3.35E-10	1.61E-11	3.90E-10	8.60E-11	1.13E-10	1.79E-10	3.16E-11	1.76E-10	9.92E-10
2472	497088.92	3858620.93	1.21E-06	1.20E-06	1.16E-06	4.20E-10	1.27E-09	7.34E-10	7.24E-10	6.57E-10	3.00E-10	2.91E-10	1.40E-11	3.39E-10	7.47E-11	9.83E-11	1.56E-10	2.75E-11	1.53E-10	8.62E-10
2473	497138.92	3858620.93	1.21E-06	1.19E-06	1.16E-06	4.18E-10	1.26E-09	7.30E-10	7.21E-10	6.53E-10	2.98E-10	2.90E-10	1.40E-11	3.37E-10	7.44E-11	9.79E-11	1.55E-10	2.74E-11	1.52E-10	8.58E-10
2474	497188.92	3858620.93	1.19E-06	1.18E-06	1.14E-06	4.12E-10	1.25E-09	7.21E-10	7.11E-10	6.45E-10	2.94E-10	2.86E-10	1.38E-11	3.33E-10	7.34E-11	9.66E-11	1.53E-10	2.70E-11	1.50E-10	8.47E-10
2475	497238.92	3858620.93	1.18E-06	1.17E-06	1.13E-06	4.09E-10	1.23E-09	7.15E-10	7.05E-10	6.39E-10	2.92E-10	2.83E-10	1.37E-11	3.30E-10	7.28E-11	9.58E-11	1.52E-10	2.68E-11	1.49E-10	8.39E-10
2476	497088.92	3858670.93	1.21E-06	1.20E-06	1.16E-06	4.19E-10	1.27E-09	7.33E-10	7.24E-10	6.56E-10	2.99E-10	2.91E-10	1.40E-11	3.38E-10	7.47E-11	9.82E-11	1.56E-10	2.75E-11	1.53E-10	8.61E-10
2477	497138.92	3858670.93	1.21E-06	1.20E-06	1.16E-06	4.20E-10	1.27E-09	7.34E-10	7.24E-10	6.56E-10	3.00E-10	2.91E-10	1.40E-11	3.39E-10	7.47E-11	9.83E-11	1.56E-10	2.75E-11	1.53E-10	8.62E-10
2478	497188.92	3858670.93	1.20E-06	1.18E-06	1.15E-06	4.15E-10	1.25E-09	7.25E-10	7.15E-10	6.48E-10	2.96E-10	2.87E-10	1.38E-11	3.34E-10	7.38E-11	9.71E-11	1.54E-10	2.71E-11	1.51E-10	8.51E-10
2479	497238.92	3858670.93	1.19E-06	1.18E-06	1.14E-06	4.12E-10	1.25E-09	7.21E-10	7.12E-10	6.45E-10	2.94E-10	2.86E-10	1.38E-11	3.33E-10	7.34E-11	9.66E-11	1.53E-10	2.70E-11	1.50E-10	8.47E-10
2480	497088.92	3858720.93	1.24E-06	1.22E-06	1.19E-06	4.29E-10	1.29E-09	7.49E-10	7.39E-10	6.70E-10	3.06E-10	2.97E-10	1.43E-11	3.46E-10	7.63E-11	1.00E-10	1.59E-10	2.81E-11	1.56E-10	8.80E-10
2481	497138.92	3858720.93	1.20E-06	1.19E-06	1.15E-06	4.17E-10	1.26E-09	7.28E-10	7.19E-10	6.52E-10	2.97E-10	2.89E-10	1.39E-11	3.36E-10	7.42E-11	9.76E-11	1.55E-10	2.73E-11	1.52E-10	8.55E-10
2482	497188.92	3858720.93	1.19E-06	1.18E-06	1.14E-06	4.13E-10	1.25E-09	7.22E-10	7.13E-10	6.46E-10	2.95E-10	2.86E-10	1.38E-11	3.33E-10	7.35E-11	9.67E-11	1.53E-10	2.70E-11	1.50E-10	8.48E-10
2483	497238.92	3858720.93	1.20E-06	1.19E-06	1.15E-06	4.17E-10	1.26E-09	7.29E-10	7.20E-10	6.52E-10	2.98E-10	2.89E-10	1.39E-11	3.36E-10	7.42E-11	9.77E-11	1.55E-10	2.73E-11	1.52E-10	8.56E-10
2484	497088.92	3858770.93	1.24E-06	1.23E-06	1.19E-06	4.31E-10	1.30E-09	7.53E-10	7.43E-10	6.73E-10	3.07E-10	2.98E-10	1.44E-11	3.47E-10	7.66E-11	1.01E-10	1.60E-10	2.82E-11	1.57E-10	8.84E-10

2485	497138.92	3858770.93	1.23E-06	1.21E-06	1.18E-06	4.25E-10	1.28E-09	7.42E-10	7.33E-10	6.64E-10	3.03E-10	2.94E-10	1.42E-11	3.43E-10	7.56E-11	9.95E-11	1.58E-10	2.78E-11	1.54E-10	8.72E-10
2486	497188.92	3858770.93	1.22E-06	1.20E-06	1.16E-06	4.21E-10	1.27E-09	7.35E-10	7.26E-10	6.58E-10	3.00E-10	2.91E-10	1.40E-11	3.39E-10	7.49E-11	9.85E-11	1.56E-10	2.75E-11	1.53E-10	8.63E-10
2487	497238.92	3858770.93	1.22E-06	1.20E-06	1.17E-06	4.22E-10	1.27E-09	7.37E-10	7.27E-10	6.59E-10	3.01E-10	2.92E-10	1.41E-11	3.40E-10	7.50E-11	9.88E-11	1.57E-10	2.76E-11	1.53E-10	8.66E-10
2488	497396.65	3858622.63	1.22E-06	1.20E-06	1.17E-06	4.21E-10	1.27E-09	7.36E-10	7.26E-10	6.58E-10	3.00E-10	2.92E-10	1.41E-11	3.40E-10	7.49E-11	9.86E-11	1.56E-10	2.76E-11	1.53E-10	8.64E-10
2489	497496.65	3858622.63	1.24E-06	1.22E-06	1.18E-06	4.28E-10	1.29E-09	7.47E-10	7.38E-10	6.69E-10	3.05E-10	2.96E-10	1.43E-11	3.45E-10	7.61E-11	1.00E-10	1.59E-10	2.80E-11	1.55E-10	8.78E-10
2490	497596.65	3858622.63	1.28E-06	1.26E-06	1.23E-06	4.43E-10	1.34E-09	7.74E-10	7.64E-10	6.93E-10	3.16E-10	3.07E-10	1.48E-11	3.57E-10	7.88E-11	1.04E-10	1.65E-10	2.90E-11	1.61E-10	9.09E-10
2491	497696.65	3858622.63	1.29E-06	1.27E-06	1.23E-06	4.45E-10	1.34E-09	7.78E-10	7.68E-10	6.96E-10	3.18E-10	3.08E-10	1.49E-11	3.59E-10	7.92E-11	1.04E-10	1.65E-10	2.91E-11	1.62E-10	9.14E-10
2492	497796.65	3858622.63	1.31E-06	1.29E-06	1.26E-06	4.54E-10	1.37E-09	7.93E-10	7.83E-10	7.10E-10	3.24E-10	3.14E-10	1.52E-11	3.66E-10	8.08E-11	1.06E-10	1.69E-10	2.97E-11	1.65E-10	9.32E-10
2493	497896.65	3858622.63	1.34E-06	1.32E-06	1.28E-06	4.63E-10	1.40E-09	8.09E-10	7.98E-10	7.24E-10	3.30E-10	3.21E-10	1.55E-11	3.73E-10	8.24E-11	1.08E-10	1.72E-10	3.03E-11	1.68E-10	9.50E-10
2494	497396.65	3858722.63	1.25E-06	1.23E-06	1.20E-06	4.33E-10	1.31E-09	7.57E-10	7.47E-10	6.77E-10	3.09E-10	3.00E-10	1.45E-11	3.49E-10	7.71E-11	1.01E-10	1.61E-10	2.84E-11	1.57E-10	8.89E-10
2495	497496.65	3858722.63	1.27E-06	1.26E-06	1.22E-06	4.40E-10	1.33E-09	7.69E-10	7.59E-10	6.88E-10	3.14E-10	3.05E-10	1.47E-11	3.55E-10	7.84E-11	1.03E-10	1.64E-10	2.88E-11	1.60E-10	9.04E-10
2496	497596.65	3858722.63	1.31E-06	1.30E-06	1.26E-06	4.55E-10	1.37E-09	7.95E-10	7.85E-10	7.12E-10	3.25E-10	3.15E-10	1.52E-11	3.67E-10	8.10E-11	1.07E-10	1.69E-10	2.98E-11	1.65E-10	9.34E-10
2497	497696.65	3858722.63	1.34E-06	1.32E-06	1.28E-06	4.62E-10	1.40E-09	8.08E-10	7.98E-10	7.23E-10	3.30E-10	3.20E-10	1.54E-11	3.73E-10	8.23E-11	1.08E-10	1.72E-10	3.03E-11	1.68E-10	9.49E-10
2498	497796.65	3858722.63	1.34E-06	1.32E-06	1.29E-06	4.65E-10	1.40E-09	8.12E-10	8.02E-10	7.27E-10	3.32E-10	3.22E-10	1.55E-11	3.75E-10	8.27E-11	1.09E-10	1.73E-10	3.04E-11	1.69E-10	9.54E-10
2499	497896.65	3858722.63	1.36E-06	1.34E-06	1.30E-06	4.70E-10	1.42E-09	8.22E-10	8.11E-10	7.35E-10	3.35E-10	3.26E-10	1.57E-11	3.79E-10	8.37E-11	1.10E-10	1.75E-10	3.08E-11	1.71E-10	9.65E-10
2500	497396.65	3858822.63	1.27E-06	1.25E-06	1.22E-06	4.40E-10	1.33E-09	7.68E-10	7.58E-10	6.87E-10	3.14E-10	3.05E-10	1.47E-11	3.55E-10	7.82E-11	1.03E-10	1.63E-10	2.88E-11	1.60E-10	9.02E-10
2501	497496.65	3858822.63	1.29E-06	1.27E-06	1.23E-06	4.46E-10	1.35E-09	7.79E-10	7.69E-10	6.97E-10	3.18E-10	3.09E-10	1.49E-11	3.59E-10	7.93E-11	1.04E-10	1.66E-10	2.92E-11	1.62E-10	9.15E-10
2502	497596.65	3858822.63	1.34E-06	1.33E-06	1.29E-06	4.65E-10	1.40E-09	8.12E-10	8.02E-10	7.27E-10	3.32E-10	3.22E-10	1.55E-11	3.75E-10	8.27E-11	1.09E-10	1.73E-10	3.04E-11	1.69E-10	9.54E-10
2503	497696.65	3858822.63	1.35E-06	1.34E-06	1.30E-06	4.69E-10	1.42E-09	8.20E-10	8.09E-10	7.33E-10	3.35E-10	3.25E-10	1.57E-11	3.78E-10	8.35E-11	1.10E-10	1.74E-10	3.07E-11	1.71E-10	9.63E-10
2504	497796.65	3858822.63	1.36E-06	1.35E-06	1.31E-06	4.72E-10	1.42E-09	8.25E-10	8.14E-10	7.38E-10	3.37E-10	3.27E-10	1.58E-11	3.81E-10	8.40E-11	1.11E-10	1.75E-10	3.09E-11	1.72E-10	9.69E-10
2505	497896.65	3858822.63	1.40E-06	1.38E-06	1.34E-06	4.84E-10	1.46E-09	8.45E-10	8.34E-10	7.56E-10	3.45E-10	3.35E-10	1.61E-11	3.90E-10	8.61E-11	1.13E-10	1.80E-10	3.17E-11	1.76E-10	9.93E-10
2506	497396.65	3858922.63	1.29E-06	1.27E-06	1.24E-06	4.47E-10	1.35E-09	7.81E-10	7.70E-10	6.98E-10	3.19E-10	3.09E-10	1.49E-11	3.60E-10	7.95E-11	1.05E-10	1.66E-10	2.92E-11	1.62E-10	9.17E-10
2507	497496.65	3858922.63	1.34E-06	1.32E-06	1.28E-06	4.62E-10	1.40E-09	8.08E-10	7.97E-10	7.23E-10	3.30E-10	3.20E-10	1.54E-11	3.73E-10	8.23E-11	1.08E-10	1.72E-10	3.03E-11	1.68E-10	9.49E-10
2508	497596.65	3858922.63	1.33E-06	1.31E-06	1.27E-06	4.59E-10	1.39E-09	8.03E-10	7.92E-10	7.18E-10	3.28E-10	3.18E-10	1.53E-11	3.70E-10	8.18E-11	1.08E-10	1.71E-10	3.01E-11	1.67E-10	9.43E-10
2509	497696.65	3858922.63	1.38E-06	1.37E-06	1.33E-06	4.79E-10	1.45E-09	8.37E-10	8.26E-10	7.49E-10	3.42E-10	3.32E-10	1.60E-11	3.86E-10	8.52E-11	1.12E-10	1.78E-10	3.14E-11	1.74E-10	9.83E-10
2510	497796.65	3858922.63	1.41E-06	1.39E-06	1.35E-06	4.87E-10	1.47E-09	8.51E-10	8.40E-10	7.61E-10	3.47E-10	3.37E-10	1.63E-11	3.93E-10	8.67E-11	1.14E-10	1.81E-10	3.19E-11	1.77E-10	1.00E-09
2511	497896.65	3858922.63	1.46E-06	1.44E-06	1.40E-06	5.04E-10	1.52E-09	8.81E-10	8.69E-10	7.88E-10	3.60E-10	3.49E-10	1.68E-11	4.06E-10	8.97E-11	1.18E-10	1.87E-10	3.30E-11	1.83E-10	1.03E-09
2512	497364.44	3858201.52	1.15E-06	1.14E-06	1.10E-06	3.99E-10	1.20E-09	6.97E-10	6.88E-10	6.24E-10	2.85E-10	2.76E-10	1.33E-11	3.22E-10	7.10E-11	9.34E-11	1.48E-10	2.61E-11	1.45E-10	8.19E-10
2513	497414.44	3858201.52	1.16E-06	1.15E-06	1.11E-06	4.02E-10	1.21E-09	7.03E-10	6.94E-10	6.29E-10	2.87E-10	2.79E-10	1.34E-11	3.24E-10	7.16E-11	9.42E-11	1.49E-10	2.63E-11	1.46E-10	8.26E-10
2514	497464.44	3858201.52	1.17E-06	1.15E-06	1.12E-06	4.05E-10	1.22E-09	7.07E-10	6.98E-10	6.33E-10	2.89E-10	2.80E-10	1.35E-11	3.26E-10	7.20E-11	9.47E-11	1.50E-10	2.65E-11	1.47E-10	8.30E-10
2515	497514.44	3858201.52	1.17E-06	1.15E-06	1.12E-06	4.04E-10	1.22E-09	7.06E-10	6.96E-10	6.31E-10	2.88E-10	2.80E-10	1.35E-11	3.26E-10	7.19E-11	9.46E-11	1.50E-10	2.64E-11	1.47E-10	8.29E-10
2516	497564.44	3858201.52	1.16E-06	1.14E-06	1.11E-06	4.01E-10	1.21E-09	7.00E-10	6.91E-10	6.27E-10	2.86E-10	2.78E-10	1.34E-11	3.23E-10	7.13E-11	9.38E-11	1.49E-10	2.62E-11	1.46E-10	8.23E-10
2517	497614.44	3858201.52	1.16E-06	1.14E-06	1.11E-06	4.00E-10	1.21E-09	6.99E-10	6.90E-10	6.26E-10	2.85E-10	2.77E-10	1.34E-11	3.23E-10	7.12E-11	9.37E-11	1.49E-10	2.62E-11	1.45E-10	8.21E-10
2518	497364.44	3858251.52	1.17E-06	1.16E-06	1.12E-06	4.06E-10	1.23E-09	7.10E-10	7.00E-10	6.35E-10	2.90E-10	2.81E-10	1.36E-11	3.27E-10	7.23E-11	9.51E-11	1.51E-10	2.66E-11	1.48E-10	8.33E-10
2519	497414.44	3858251.52	1.19E-06	1.17E-06	1.14E-06	4.10E-10	1.24E-09	7.17E-10	7.08E-10	6.41E-10	2.93E-10	2.84E-10	1.37E-11	3.31E-10	7.30E-11	9.61E-11	1.52E-10	2.69E-11	1.49E-10	8.42E-10
2520	497464.44	3858251.52	1.17E-06	1.16E-06	1.12E-06	4.05E-10	1.22E-09	7.09E-10	6.99E-10	6.34E-10	2.89E-10	2.81E-10	1.35E-11	3.27E-10	7.21E-11	9.49E-11	1.51E-10	2.65E-11	1.47E-10	8.32E-10
2521	497514.44	3858251.52	1.15E-06	1.14E-06	1.11E-06	4.00E-10	1.21E-09	6.99E-10	6.90E-10	6.25E-10	2.85E-10	2.77E-10	1.33E-11	3.22E-10	7.11E-11	9.36E-11	1.49E-10	2.62E-11	1.45E-10	8.21E-10
2522	497564.44	3858251.52	1.15E-06	1.13E-06	1.10E-06	3.97E-10	1.20E-09	6.94E-10	6.85E-10	6.21E-10	2.83E-10	2.75E-10	1.33E-11	3.20E-10	7.07E-11	9.30E-11	1.48E-10	2.60E-11	1.44E-10	8.15E-10
2523	497614.44	3858251.52	1.14E-06	1.12E-06	1.09E-06	3.94E-10	1.19E-09	6.89E-10	6.80E-10	6.17E-10	2.81E-10	2.73E-10	1.32E-11	3.18E-10	7.02E-11	9.24E-11	1.47E-10	2.58E-11	1.43E-10	8.10E-10
2524	497364.44	3858301.52	1.18E-06	1.16E-06	1.13E-06	4.07E-10	1.23E-09	7.12E-10	7.02E-10	6.37E-10	2.90E-10	2.82E-10	1.36E-11	3.28E-10	7.25E-11	9.54E-11	1.51E-10	2.67E-11	1.48E-10	8.36E-10
2525	497414.44	3858301.52	1.18E-06	1.17E-06	1.13E-06	4.09E-10	1.24E-09	7.16E-10	7.06E-10	6.40E-10	2.92E-10	2.84E-10	1.37E-11	3.30E-10	7.29E-11	9.59E-11	1.52E-10	2.68E-11	1.49E-10	8.41E-10
2526	497464.44	3858301.52	1.17E-06	1.15E-06	1.12E-06	4.04E-10	1.22E-09	7.05E-10	6.96E-10	6.31E-10	2.88E-10	2.80E-10	1.35E-11	3.26E-10	7.18E-11	9.45E-11	1.50E-10	2.64E-11	1.47E-10	8.29E-10
2527	497514.44	3858301.52	1.15E-06	1.14E-06	1.11E-06	3.99E-10	1.21E-09	6.98E-10	6.89E-10	6.24E-10	2.85E-10	2.77E-10	1.33E-11	3.22E-10	7.11E-11	9.35E-11	1.48E-10	2.61E-11	1.45E-10	8.20E-10
2528	497564.44	3858301.52	1.14E-06	1.12E-06	1.09E-06	3.93E-10	1.19E-09	6.88E-10	6.79E-10	6.15E-10	2.81E-10	2.73E-10	1.31E-11	3.17E-10	7.00E-11	9.21E-11	1.46E-10	2.58E-11	1.43E-10	8.08E-10
2529	497614.44	3858301.52	1.13E-06	1.11E-06	1.08E-06	3.91E-10	1.18E-09	6.83E-10	6.74E-10	6.11E-10	2.79E-10	2.71E-10	1.30E-11	3.15E-10	6.95E-11	9.15E-11	1.45E-10	2.56E-11	1.42E-10	8.02E-10
2530	497364.44	3858351.52	1.18E-06	1.17E-06	1.14E-06	4.10E-10	1.24E-09	7.17E-10	7.07E-10	6.41E-10	2.93E-10	2.84E-10	1.37E-11	3.31E-10	7.30E-11	9.60E-11	1.52E-10	2.69E-11	1.49E-10	8.42E-10
2531	497414.44	3858351.52	1.17E-06	1.16E-06	1.12E-06	4.06E-10	1.22E-09	7.09E-10	7.00E-10	6.34E-10	2.89E-10	2.81E-10	1.35E-11	3.27E-10	7.22E-11	9.50E-11	1.51E-10	2.66E-11	1.48E-10	8.33E-10
2532	497464.44	3858351.52	1.16E-06	1.15E-06	1.12E-06	4.03E-10	1.22E-09	7.05E-10	6.95E-10	6.30E-10	2.88E-10	2.79E-10	1.35E-11	3.25E-10	7.18E-11	9.44E-11	1.50E-10	2.64E-11	1.47E-10	8.28E-10
2533	497514.44	3858351.52	1.15E-06	1.14E-06	1.11E-06	3.99E-10	1.21E-09	6.98E-10	6.89E-10	6.25E-10	2.85E-10	2.77E-10	1.33E-11	3.22E-10	7.11E-11	9.35E-11	1.48E-10	2.62E-11	1.45E-10	8.20E-10
2534	497564.44	3858351.52	1.13E-06	1.12E-06	1.09E-06	3.92E-10	1.18E-09	6.86E-10	6.77E-10	6.14E-10	2.80E-10	2.72E-10	1.31E-11	3.16E-10	6.98E-11	9.19E-11	1.46E-10	2.57E-11	1.43E-10	8.05E-10
2535	497614.44	3858351.52	1.13E-06	1.11E-06	1.08E-06	3.90E-10	1.18E-09	6.81E-10	6.72E-10	6.09E-10	2.78E-10	2.70E-10	1.30E-11	3.14E-10	6.94E-11	9.13E-11	1.45E-10	2.55E-11	1.42E-10	8.00E-10
2536	497364.44	3858401.52	1.17E-06	1.16E-06	1.13E-06	4.07E-10	1.23E-09	7.11E-10	7.01E-10	6.36E-10	2.90E-10	2.82E-10	1.36E-11	3.28E-10	7.24E-11	9.52E-11	1.51E-10	2.66E-11	1.48E-10	8.35E-10
2537	497414.44	3858401.52	1.17E-06	1.15E-06	1.12E-06	4.04E-10	1.22E-09	7.06E-10	6.97E-10	6.32E-10	2.88E-10	2.80E-10	1.35E-11	3.26E-10	7.19E-11	9.46E-11	1.50E-10	2.64E-11	1.47E-10	8.29E-10

2538	497464.44	3858401.52	1.15E-06	1.14E-06	1.11E-06	3.99E-10	1.21E-09	6.98E-10	6.89E-10	6.25E-10	2.85E-10	2.77E-10	1.33E-11	3.22E-10	7.11E-11	9.35E-11	1.48E-10	2.62E-11	1.45E-10	8.20E-10
2539	497514.44	3858401.52	1.14E-06	1.13E-06	1.10E-06	3.96E-10	1.20E-09	6.93E-10	6.84E-10	6.20E-10	2.83E-10	2.75E-10	1.32E-11	3.20E-10	7.05E-11	9.28E-11	1.47E-10	2.60E-11	1.44E-10	8.14E-10
2540	497564.44	3858401.52	1.15E-06	1.14E-06	1.10E-06	3.99E-10	1.20E-09	6.98E-10	6.88E-10	6.24E-10	2.85E-10	2.77E-10	1.33E-11	3.22E-10	7.10E-11	9.35E-11	1.48E-10	2.61E-11	1.45E-10	8.19E-10
2541	497614.44	3858401.52	1.16E-06	1.15E-06	1.11E-06	4.02E-10	1.22E-09	7.03E-10	6.94E-10	6.29E-10	2.87E-10	2.79E-10	1.34E-11	3.25E-10	7.16E-11	9.43E-11	1.50E-10	2.64E-11	1.46E-10	8.26E-10
2542	493478.11	3860497.94	1.94E-06	1.92E-06	1.86E-06	6.73E-10	2.03E-09	1.18E-09	1.16E-09	1.05E-09	4.80E-10	4.66E-10	2.25E-11	5.42E-10	1.20E-10	1.58E-10	2.50E-10	4.40E-11	2.45E-10	1.38E-09
2543	493528.11	3860497.94	1.93E-06	1.91E-06	1.85E-06	6.69E-10	2.02E-09	1.17E-09	1.15E-09	1.05E-09	4.77E-10	4.63E-10	2.23E-11	5.40E-10	1.19E-10	1.57E-10	2.49E-10	4.38E-11	2.43E-10	1.37E-09
2544	493478.11	3860547.94	1.88E-06	1.86E-06	1.81E-06	6.52E-10	1.97E-09	1.14E-09	1.13E-09	1.02E-09	4.65E-10	4.52E-10	2.18E-11	5.26E-10	1.16E-10	1.53E-10	2.42E-10	4.27E-11	2.37E-10	1.34E-09
2545	493528.11	3860547.94	1.87E-06	1.85E-06	1.80E-06	6.48E-10	1.96E-09	1.13E-09	1.12E-09	1.01E-09	4.63E-10	4.49E-10	2.17E-11	5.23E-10	1.15E-10	1.52E-10	2.41E-10	4.25E-11	2.36E-10	1.33E-09
2546	493478.11	3860597.94	1.83E-06	1.80E-06	1.75E-06	6.33E-10	1.91E-09	1.11E-09	1.09E-09	9.90E-10	4.52E-10	4.39E-10	2.11E-11	5.11E-10	1.13E-10	1.48E-10	2.35E-10	4.15E-11	2.30E-10	1.30E-09
2547	493528.11	3860597.94	1.82E-06	1.79E-06	1.74E-06	6.29E-10	1.90E-09	1.10E-09	1.09E-09	9.84E-10	4.49E-10	4.36E-10	2.10E-11	5.08E-10	1.12E-10	1.47E-10	2.34E-10	4.12E-11	2.29E-10	1.29E-09
2548	493561.88	3860524.64	1.89E-06	1.87E-06	1.82E-06	6.56E-10	1.98E-09	1.15E-09	1.13E-09	1.03E-09	4.68E-10	4.54E-10	2.19E-11	5.29E-10	1.17E-10	1.54E-10	2.44E-10	4.29E-11	2.38E-10	1.35E-09
2549	493591.88	3860524.64	1.89E-06	1.86E-06	1.81E-06	6.54E-10	1.97E-09	1.14E-09	1.13E-09	1.02E-09	4.67E-10	4.53E-10	2.18E-11	5.28E-10	1.16E-10	1.53E-10	2.43E-10	4.28E-11	2.38E-10	1.34E-09
2550	493561.88	3860554.64	1.86E-06	1.83E-06	1.78E-06	6.44E-10	1.94E-09	1.12E-09	1.11E-09	1.01E-09	4.59E-10	4.46E-10	2.15E-11	5.19E-10	1.15E-10	1.51E-10	2.39E-10	4.21E-11	2.34E-10	1.32E-09
2551	493591.88	3860554.64	1.86E-06	1.83E-06	1.78E-06	6.42E-10	1.94E-09	1.12E-09	1.11E-09	1.00E-09	4.58E-10	4.45E-10	2.14E-11	5.18E-10	1.14E-10	1.50E-10	2.39E-10	4.21E-11	2.34E-10	1.32E-09
2552	492880.5	3860293.11	2.36E-06	2.33E-06	2.26E-06	8.17E-10	2.47E-09	1.43E-09	1.41E-09	1.28E-09	5.83E-10	5.66E-10	2.73E-11	6.59E-10	1.45E-10	1.91E-10	3.03E-10	5.35E-11	2.97E-10	1.68E-09
2553	492930.5	3860293.11	2.35E-06	2.32E-06	2.25E-06	8.13E-10	2.45E-09	1.42E-09	1.40E-09	1.27E-09	5.80E-10	5.63E-10	2.71E-11	6.56E-10	1.45E-10	1.90E-10	3.02E-10	5.32E-11	2.96E-10	1.67E-09
2554	492980.5	3860293.11	2.34E-06	2.31E-06	2.24E-06	8.09E-10	2.44E-09	1.41E-09	1.40E-09	1.27E-09	5.77E-10	5.61E-10	2.70E-11	6.52E-10	1.44E-10	1.89E-10	3.01E-10	5.30E-11	2.94E-10	1.66E-09
2555	493030.5	3860293.11	2.33E-06	2.30E-06	2.24E-06	8.07E-10	2.44E-09	1.41E-09	1.39E-09	1.26E-09	5.76E-10	5.60E-10	2.70E-11	6.51E-10	1.44E-10	1.89E-10	3.00E-10	5.29E-11	2.94E-10	1.66E-09
2556	493080.5	3860293.11	2.32E-06	2.29E-06	2.23E-06	8.04E-10	2.43E-09	1.41E-09	1.39E-09	1.26E-09	5.74E-10	5.57E-10	2.69E-11	6.49E-10	1.43E-10	1.88E-10	2.99E-10	5.27E-11	2.92E-10	1.65E-09
2557	493130.5	3860293.11	2.31E-06	2.28E-06	2.21E-06	7.99E-10	2.41E-09	1.40E-09	1.38E-09	1.25E-09	5.70E-10	5.54E-10	2.67E-11	6.45E-10	1.42E-10	1.87E-10	2.97E-10	5.23E-11	2.91E-10	1.64E-09
2558	493180.5	3860293.11	2.29E-06	2.26E-06	2.19E-06	7.92E-10	2.39E-09	1.38E-09	1.37E-09	1.24E-09	5.65E-10	5.49E-10	2.65E-11	6.39E-10	1.41E-10	1.86E-10	2.94E-10	5.19E-11	2.88E-10	1.63E-09
2559	493230.5	3860293.11	2.27E-06	2.24E-06	2.18E-06	7.87E-10	2.38E-09	1.38E-09	1.36E-09	1.23E-09	5.62E-10	5.45E-10	2.63E-11	6.35E-10	1.40E-10	1.84E-10	2.92E-10	5.15E-11	2.86E-10	1.62E-09
2560	493280.5	3860293.11	2.27E-06	2.24E-06	2.17E-06	7.84E-10	2.37E-09	1.37E-09	1.35E-09	1.23E-09	5.60E-10	5.44E-10	2.62E-11	6.33E-10	1.40E-10	1.84E-10	2.91E-10	5.14E-11	2.85E-10	1.61E-09
2561	493330.5	3860293.11	2.25E-06	2.23E-06	2.16E-06	7.80E-10	2.36E-09	1.36E-09	1.35E-09	1.22E-09	5.57E-10	5.41E-10	2.61E-11	6.29E-10	1.39E-10	1.83E-10	2.90E-10	5.11E-11	2.84E-10	1.60E-09
2562	493380.5	3860293.11	2.24E-06	2.21E-06	2.15E-06	7.76E-10	2.34E-09	1.36E-09	1.34E-09	1.21E-09	5.54E-10	5.38E-10	2.59E-11	6.26E-10	1.38E-10	1.82E-10	2.88E-10	5.08E-11	2.82E-10	1.59E-09
2563	492880.5	3860343.11	2.28E-06	2.25E-06	2.18E-06	7.88E-10	2.38E-09	1.38E-09	1.36E-09	1.23E-09	5.63E-10	5.46E-10	2.63E-11	6.36E-10	1.40E-10	1.85E-10	2.93E-10	5.16E-11	2.87E-10	1.62E-09
2564	492930.5	3860343.11	2.27E-06	2.24E-06	2.17E-06	7.85E-10	2.37E-09	1.37E-09	1.35E-09	1.23E-09	5.60E-10	5.44E-10	2.62E-11	6.33E-10	1.40E-10	1.84E-10	2.92E-10	5.14E-11	2.85E-10	1.61E-09
2565	492980.5	3860343.11	2.27E-06	2.24E-06	2.17E-06	7.85E-10	2.37E-09	1.37E-09	1.35E-09	1.23E-09	5.60E-10	5.44E-10	2.62E-11	6.33E-10	1.40E-10	1.84E-10	2.91E-10	5.14E-11	2.85E-10	1.61E-09
2566	493030.5	3860343.11	2.25E-06	2.22E-06	2.16E-06	7.80E-10	2.36E-09	1.36E-09	1.35E-09	1.22E-09	5.57E-10	5.40E-10	2.60E-11	6.29E-10	1.39E-10	1.83E-10	2.90E-10	5.11E-11	2.84E-10	1.60E-09
2567	493080.5	3860343.11	2.25E-06	2.22E-06	2.16E-06	7.79E-10	2.35E-09	1.36E-09	1.34E-09	1.22E-09	5.56E-10	5.40E-10	2.60E-11	6.28E-10	1.39E-10	1.82E-10	2.89E-10	5.10E-11	2.83E-10	1.60E-09
2568	493130.5	3860343.11	2.23E-06	2.20E-06	2.14E-06	7.73E-10	2.33E-09	1.35E-09	1.33E-09	1.21E-09	5.52E-10	5.36E-10	2.58E-11	6.24E-10	1.38E-10	1.81E-10	2.87E-10	5.06E-11	2.81E-10	1.59E-09
2569	493180.5	3860343.11	2.21E-06	2.18E-06	2.12E-06	7.66E-10	2.31E-09	1.34E-09	1.32E-09	1.20E-09	5.47E-10	5.31E-10	2.56E-11	6.18E-10	1.36E-10	1.79E-10	2.85E-10	5.02E-11	2.79E-10	1.57E-09
2570	493230.5	3860343.11	2.20E-06	2.17E-06	2.11E-06	7.62E-10	2.30E-09	1.33E-09	1.31E-09	1.19E-09	5.43E-10	5.28E-10	2.54E-11	6.14E-10	1.36E-10	1.78E-10	2.83E-10	4.99E-11	2.77E-10	1.56E-09
2571	493280.5	3860343.11	2.19E-06	2.16E-06	2.10E-06	7.59E-10	2.29E-09	1.33E-09	1.31E-09	1.19E-09	5.42E-10	5.26E-10	2.53E-11	6.12E-10	1.35E-10	1.78E-10	2.82E-10	4.97E-11	2.76E-10	1.56E-09
2572	493330.5	3860343.11	2.18E-06	2.16E-06	2.09E-06	7.56E-10	2.28E-09	1.32E-09	1.30E-09	1.18E-09	5.39E-10	5.24E-10	2.52E-11	6.10E-10	1.35E-10	1.77E-10	2.81E-10	4.95E-11	2.75E-10	1.55E-09
2573	493380.5	3860343.11	2.17E-06	2.14E-06	2.08E-06	7.52E-10	2.27E-09	1.31E-09	1.30E-09	1.18E-09	5.37E-10	5.21E-10	2.51E-11	6.07E-10	1.34E-10	1.76E-10	2.79E-10	4.92E-11	2.73E-10	1.54E-09
2574	492880.5	3860393.11	2.20E-06	2.17E-06	2.11E-06	7.61E-10	2.30E-09	1.33E-09	1.31E-09	1.19E-09	5.43E-10	5.27E-10	2.54E-11	6.14E-10	1.35E-10	1.78E-10	2.83E-10	4.98E-11	2.77E-10	1.56E-09
2575	492930.5	3860393.11	2.19E-06	2.16E-06	2.10E-06	7.59E-10	2.29E-09	1.33E-09	1.31E-09	1.19E-09	5.41E-10	5.26E-10	2.53E-11	6.12E-10	1.35E-10	1.78E-10	2.82E-10	4.97E-11	2.76E-10	1.56E-09
2576	492980.5	3860393.11	2.19E-06	2.16E-06	2.10E-06	7.57E-10	2.29E-09	1.32E-09	1.31E-09	1.18E-09	5.40E-10	5.25E-10	2.53E-11	6.11E-10	1.35E-10	1.77E-10	2.81E-10	4.96E-11	2.75E-10	1.55E-09
2577	493030.5	3860393.11	2.18E-06	2.15E-06	2.09E-06	7.54E-10	2.28E-09	1.32E-09	1.30E-09	1.18E-09	5.38E-10	5.23E-10	2.52E-11	6.09E-10	1.34E-10	1.77E-10	2.80E-10	4.94E-11	2.74E-10	1.55E-09
2578	493080.5	3860393.11	2.18E-06	2.15E-06	2.09E-06	7.53E-10	2.27E-09	1.32E-09	1.30E-09	1.18E-09	5.37E-10	5.22E-10	2.52E-11	6.08E-10	1.34E-10	1.76E-10	2.80E-10	4.93E-11	2.74E-10	1.55E-09
2579	493130.5	3860393.11	2.16E-06	2.13E-06	2.07E-06	7.48E-10	2.26E-09	1.31E-09	1.29E-09	1.17E-09	5.34E-10	5.18E-10	2.50E-11	6.03E-10	1.33E-10	1.75E-10	2.78E-10	4.90E-11	2.72E-10	1.53E-09
2580	493180.5	3860393.11	2.14E-06	2.11E-06	2.05E-06	7.41E-10	2.24E-09	1.30E-09	1.28E-09	1.16E-09	5.29E-10	5.14E-10	2.48E-11	5.98E-10	1.32E-10	1.74E-10	2.75E-10	4.85E-11	2.70E-10	1.52E-09
2581	493230.5	3860393.11	2.13E-06	2.10E-06	2.04E-06	7.37E-10	2.23E-09	1.29E-09	1.27E-09	1.15E-09	5.26E-10	5.11E-10	2.46E-11	5.95E-10	1.31E-10	1.73E-10	2.74E-10	4.83E-11	2.68E-10	1.51E-09
2582	493280.5	3860393.11	2.12E-06	2.10E-06	2.04E-06	7.35E-10	2.22E-09	1.28E-09	1.27E-09	1.15E-09	5.25E-10	5.09E-10	2.45E-11	5.93E-10	1.31E-10	1.72E-10	2.73E-10	4.81E-11	2.67E-10	1.51E-09
2583	493330.5	3860393.11	2.11E-06	2.09E-06	2.03E-06	7.32E-10	2.21E-09	1.28E-09	1.26E-09	1.14E-09	5.22E-10	5.07E-10	2.44E-11	5.90E-10	1.30E-10	1.71E-10	2.72E-10	4.79E-11	2.66E-10	1.50E-09
2584	493380.5	3860393.11	2.10E-06	2.08E-06	2.02E-06	7.28E-10	2.20E-09	1.27E-09	1.26E-09	1.14E-09	5.20E-10	5.05E-10	2.43E-11	5.87E-10	1.30E-10	1.71E-10	2.71E-10	4.77E-11	2.65E-10	1.50E-09
2585	492880.5	3860443.11	2.13E-06	2.10E-06	2.04E-06	7.36E-10	2.22E-09	1.29E-09	1.27E-09	1.15E-09	5.25E-10	5.10E-10	2.46E-11	5.94E-10	1.31E-10	1.72E-10	2.74E-10	4.82E-11	2.68E-10	1.51E-09
2586	492930.5	3860443.11	2.12E-06	2.09E-06	2.03E-06	7.32E-10	2.21E-09	1.28E-09	1.26E-09	1.15E-09	5.23E-10	5.07E-10	2.45E-11	5.91E-10	1.30E-10	1.72E-10	2.72E-10	4.80E-11	2.66E-10	1.50E-09
2587	492980.5	3860443.11	2.11E-06	2.08E-06	2.02E-06	7.31E-10	2.21E-09	1.28E-09	1.26E-09	1.14E-09	5.22E-10	5.06E-10	2.44E-11	5.90E-10	1.30E-10	1.71E-10	2.72E-10	4.79E-11	2.66E-10	1.50E-09
2588	493030.5	3860443.11	2.11E-06	2.08E-06	2.02E-06	7.29E-10	2.20E-09	1.27E-09	1.26E-09	1.14E-09	5.20E-10	5.05E-10	2.43E-11	5.88E-10	1.30E-10	1.71E-10	2.71E-10	4.77E-11	2.65E-10	1.50E-09
2589	493080.5	3860443.11	2.10E-06	2.07E-06	2.01E-06	7.26E-10	2.19E-09	1.27E-09	1.25E-09	1.13E-09	5.18E-10	5.03E-10	2.42E-11	5.85E-10	1.29E-10	1.70E-10	2.70E-10	4.75E-11	2.64E-10	1.49E-09
2590	493130.5	3860443.11	2.09E-06	2.06E-06	2.00E-06	7.22E-10	2.18E-09	1.26E-09	1.25E-09	1.13E-09	5.15E-10	5.00E-10	2.41E-11	5.83E-10	1.29E-10	1.69E-10	2.68E-10	4.73E-11	2.63E-10	1.48E-09

2591	493180.5	3860443.11	2.07E-06	2.04E-06	1.98E-06	7.16E-10	2.16E-09	1.25E-09	1.24E-09	1.12E-09	5.11E-10	4.96E-10	2.39E-11	5.78E-10	1.27E-10	1.68E-10	2.66E-10	4.69E-11	2.60E-10	1.47E-09
2592	493230.5	3860443.11	2.06E-06	2.04E-06	1.98E-06	7.15E-10	2.16E-09	1.25E-09	1.23E-09	1.12E-09	5.10E-10	4.95E-10	2.39E-11	5.76E-10	1.27E-10	1.67E-10	2.66E-10	4.68E-11	2.60E-10	1.47E-09
2593	493280.5	3860443.11	2.06E-06	2.03E-06	1.97E-06	7.12E-10	2.15E-09	1.24E-09	1.23E-09	1.11E-09	5.08E-10	4.93E-10	2.38E-11	5.74E-10	1.27E-10	1.67E-10	2.64E-10	4.66E-11	2.59E-10	1.46E-09
2594	493330.5	3860443.11	2.05E-06	2.02E-06	1.96E-06	7.09E-10	2.14E-09	1.24E-09	1.22E-09	1.11E-09	5.06E-10	4.92E-10	2.37E-11	5.72E-10	1.26E-10	1.66E-10	2.64E-10	4.65E-11	2.58E-10	1.46E-09
2595	493380.5	3860443.11	2.04E-06	2.01E-06	1.95E-06	7.05E-10	2.13E-09	1.23E-09	1.22E-09	1.10E-09	5.03E-10	4.89E-10	2.36E-11	5.69E-10	1.26E-10	1.65E-10	2.62E-10	4.62E-11	2.56E-10	1.45E-09
2596	493180.5	3860493.11	2.01E-06	1.98E-06	1.92E-06	6.94E-10	2.10E-09	1.21E-09	1.20E-09	1.09E-09	4.96E-10	4.81E-10	2.32E-11	5.60E-10	1.24E-10	1.63E-10	2.58E-10	4.55E-11	2.53E-10	1.43E-09
2597	493230.5	3860493.11	2.00E-06	1.97E-06	1.92E-06	6.92E-10	2.09E-09	1.21E-09	1.19E-09	1.08E-09	4.94E-10	4.80E-10	2.31E-11	5.58E-10	1.23E-10	1.62E-10	2.57E-10	4.53E-11	2.52E-10	1.42E-09
2598	493280.5	3860493.11	1.99E-06	1.97E-06	1.91E-06	6.90E-10	2.08E-09	1.21E-09	1.19E-09	1.08E-09	4.92E-10	4.78E-10	2.30E-11	5.56E-10	1.23E-10	1.62E-10	2.56E-10	4.52E-11	2.51E-10	1.42E-09
2599	493330.5	3860493.11	1.98E-06	1.96E-06	1.90E-06	6.87E-10	2.07E-09	1.20E-09	1.19E-09	1.07E-09	4.90E-10	4.76E-10	2.29E-11	5.54E-10	1.22E-10	1.61E-10	2.55E-10	4.50E-11	2.50E-10	1.41E-09
2600	493380.5	3860493.11	1.97E-06	1.95E-06	1.89E-06	6.83E-10	2.06E-09	1.19E-09	1.18E-09	1.07E-09	4.87E-10	4.73E-10	2.28E-11	5.51E-10	1.22E-10	1.60E-10	2.54E-10	4.47E-11	2.48E-10	1.40E-09
2601	493330.5	3860543.11	1.92E-06	1.90E-06	1.84E-06	6.66E-10	2.01E-09	1.16E-09	1.15E-09	1.04E-09	4.75E-10	4.62E-10	2.22E-11	5.37E-10	1.19E-10	1.56E-10	2.48E-10	4.36E-11	2.42E-10	1.37E-09
2602	493380.5	3860543.11	1.91E-06	1.89E-06	1.83E-06	6.62E-10	2.00E-09	1.16E-09	1.14E-09	1.04E-09	4.73E-10	4.59E-10	2.21E-11	5.34E-10	1.18E-10	1.55E-10	2.46E-10	4.34E-11	2.41E-10	1.36E-09
2603	494135.94	3860876.85	1.47E-06	1.45E-06	1.41E-06	5.10E-10	1.54E-09	8.91E-10	8.79E-10	7.97E-10	3.64E-10	3.53E-10	1.70E-11	4.11E-10	9.07E-11	1.19E-10	1.89E-10	3.34E-11	1.85E-10	1.05E-09
2604	494185.94	3860876.85	1.47E-06	1.45E-06	1.41E-06	5.08E-10	1.53E-09	8.87E-10	8.76E-10	7.94E-10	3.62E-10	3.52E-10	1.70E-11	4.10E-10	9.04E-11	1.19E-10	1.89E-10	3.32E-11	1.85E-10	1.04E-09
2605	494135.94	3860926.85	1.43E-06	1.41E-06	1.37E-06	4.96E-10	1.50E-09	8.66E-10	8.55E-10	7.75E-10	3.54E-10	3.43E-10	1.66E-11	4.00E-10	8.82E-11	1.16E-10	1.84E-10	3.25E-11	1.80E-10	1.02E-09
2606	494185.94	3860926.85	1.43E-06	1.41E-06	1.37E-06	4.94E-10	1.49E-09	8.63E-10	8.52E-10	7.72E-10	3.52E-10	3.42E-10	1.65E-11	3.98E-10	8.79E-11	1.16E-10	1.84E-10	3.23E-11	1.80E-10	1.01E-09
2607	494135.94	3860976.85	1.39E-06	1.38E-06	1.34E-06	4.83E-10	1.46E-09	8.44E-10	8.33E-10	7.55E-10	3.44E-10	3.34E-10	1.61E-11	3.89E-10	8.59E-11	1.13E-10	1.79E-10	3.16E-11	1.75E-10	9.91E-10
2608	494185.94	3860976.85	1.39E-06	1.37E-06	1.33E-06	4.81E-10	1.45E-09	8.41E-10	8.30E-10	7.52E-10	3.43E-10	3.33E-10	1.61E-11	3.88E-10	8.56E-11	1.13E-10	1.79E-10	3.15E-11	1.75E-10	9.87E-10
2609	494135.94	3861026.85	1.36E-06	1.34E-06	1.30E-06	4.70E-10	1.42E-09	8.21E-10	8.11E-10	7.35E-10	3.35E-10	3.26E-10	1.57E-11	3.79E-10	8.36E-11	1.10E-10	1.75E-10	3.08E-11	1.71E-10	9.65E-10
2610	494185.94	3861026.85	1.35E-06	1.34E-06	1.30E-06	4.68E-10	1.41E-09	8.19E-10	8.08E-10	7.33E-10	3.34E-10	3.25E-10	1.56E-11	3.78E-10	8.34E-11	1.10E-10	1.74E-10	3.07E-11	1.70E-10	9.62E-10
2611	494135.94	3861076.85	1.32E-06	1.31E-06	1.27E-06	4.58E-10	1.38E-09	8.00E-10	7.90E-10	7.16E-10	3.27E-10	3.17E-10	1.53E-11	3.69E-10	8.15E-11	1.07E-10	1.70E-10	3.00E-11	1.67E-10	9.40E-10
2612	494185.94	3861076.85	1.32E-06	1.30E-06	1.26E-06	4.56E-10	1.38E-09	7.98E-10	7.87E-10	7.14E-10	3.26E-10	3.16E-10	1.52E-11	3.68E-10	8.12E-11	1.07E-10	1.70E-10	2.99E-11	1.66E-10	9.37E-10
2613	490360.04	3858710.04	2.10E-05	2.07E-05	2.01E-05	7.26E-09	2.19E-08	1.27E-08	1.25E-08	1.14E-08	5.18E-09	5.03E-09	2.42E-10	5.86E-09	1.29E-09	1.70E-09	2.70E-09	4.75E-10	2.64E-09	1.49E-08
2614	490410.04	3858710.04	2.05E-05	2.03E-05	1.97E-05	7.11E-09	2.15E-08	1.24E-08	1.23E-08	1.11E-08	5.07E-09	4.93E-09	2.37E-10	5.74E-09	1.27E-09	1.67E-09	2.64E-09	4.66E-10	2.59E-09	1.46E-08
2615	490460.04	3858710.04	2.01E-05	1.98E-05	1.92E-05	6.95E-09	2.10E-08	1.21E-08	1.20E-08	1.09E-08	4.96E-09	4.82E-09	2.32E-10	5.61E-09	1.24E-09	1.63E-09	2.58E-09	4.55E-10	2.53E-09	1.43E-08
2616	490510.04	3858710.04	1.97E-05	1.94E-05	1.88E-05	6.81E-09	2.06E-08	1.19E-08	1.17E-08	1.06E-08	4.86E-09	4.72E-09	2.27E-10	5.49E-09	1.21E-09	1.59E-09	2.53E-09	4.46E-10	2.48E-09	1.40E-08
2617	490560.04	3858710.04	1.93E-05	1.90E-05	1.85E-05	6.67E-09	2.02E-08	1.17E-08	1.15E-08	1.04E-08	4.76E-09	4.63E-09	2.23E-10	5.38E-09	1.19E-09	1.56E-09	2.48E-09	4.37E-10	2.43E-09	1.37E-08
2618	490610.04	3858710.04	1.89E-05	1.86E-05	1.81E-05	6.54E-09	1.97E-08	1.14E-08	1.13E-08	1.02E-08	4.67E-09	4.53E-09	2.18E-10	5.27E-09	1.16E-09	1.53E-09	2.43E-09	4.28E-10	2.38E-09	1.34E-08
2619	490660.04	3858710.04	1.86E-05	1.83E-05	1.78E-05	6.43E-09	1.94E-08	1.12E-08	1.11E-08	1.01E-08	4.59E-09	4.45E-09	2.15E-10	5.19E-09	1.14E-09	1.51E-09	2.39E-09	4.21E-10	2.34E-09	1.32E-08
2620	490710.04	3858710.04	1.81E-05	1.79E-05	1.74E-05	6.27E-09	1.89E-08	1.10E-08	1.08E-08	9.80E-09	4.47E-09	4.34E-09	2.09E-10	5.06E-09	1.12E-09	1.47E-09	2.33E-09	4.11E-10	2.28E-09	1.29E-08
2621	490760.04	3858710.04	1.77E-05	1.74E-05	1.69E-05	6.12E-09	1.85E-08	1.07E-08	1.06E-08	9.56E-09	4.36E-09	4.24E-09	2.04E-10	4.93E-09	1.09E-09	1.43E-09	2.27E-09	4.00E-10	2.22E-09	1.26E-08
2622	490810.04	3858710.04	1.72E-05	1.70E-05	1.65E-05	5.95E-09	1.80E-08	1.04E-08	1.03E-08	9.31E-09	4.25E-09	4.13E-09	1.99E-10	4.80E-09	1.06E-09	1.39E-09	2.21E-09	3.90E-10	2.17E-09	1.22E-08
2623	490860.04	3858710.04	1.66E-05	1.64E-05	1.59E-05	5.76E-09	1.74E-08	1.01E-08	9.93E-09	9.01E-09	4.11E-09	3.99E-09	1.92E-10	4.65E-09	1.03E-09	1.35E-09	2.14E-09	3.77E-10	2.09E-09	1.18E-08
2624	490360.04	3858760.04	1.96E-05	1.93E-05	1.88E-05	6.78E-09	2.05E-08	1.19E-08	1.17E-08	1.06E-08	4.84E-09	4.70E-09	2.27E-10	5.47E-09	1.21E-09	1.59E-09	2.52E-09	4.44E-10	2.47E-09	1.39E-08
2625	490410.04	3858760.04	1.91E-05	1.89E-05	1.83E-05	6.62E-09	2.00E-08	1.16E-08	1.14E-08	1.04E-08	4.73E-09	4.59E-09	2.21E-10	5.34E-09	1.18E-09	1.55E-09	2.46E-09	4.34E-10	2.41E-09	1.36E-08
2626	490460.04	3858760.04	1.87E-05	1.84E-05	1.79E-05	6.46E-09	1.95E-08	1.13E-08	1.11E-08	1.01E-08	4.61E-09	4.48E-09	2.16E-10	5.21E-09	1.15E-09	1.51E-09	2.40E-09	4.23E-10	2.35E-09	1.33E-08
2627	490510.04	3858760.04	1.82E-05	1.80E-05	1.74E-05	6.30E-09	1.90E-08	1.10E-08	1.09E-08	9.85E-09	4.50E-09	4.37E-09	2.10E-10	5.08E-09	1.12E-09	1.48E-09	2.34E-09	4.13E-10	2.29E-09	1.29E-08
2628	490560.04	3858760.04	1.78E-05	1.75E-05	1.70E-05	6.15E-09	1.86E-08	1.08E-08	1.06E-08	9.62E-09	4.39E-09	4.26E-09	2.05E-10	4.96E-09	1.10E-09	1.44E-09	2.29E-09	4.03E-10	2.24E-09	1.26E-08
2629	490610.04	3858760.04	1.73E-05	1.71E-05	1.66E-05	6.00E-09	1.81E-08	1.05E-08	1.04E-08	9.39E-09	4.28E-09	4.16E-09	2.00E-10	4.84E-09	1.07E-09	1.41E-09	2.23E-09	3.93E-10	2.18E-09	1.23E-08
2630	490660.04	3858760.04	1.69E-05	1.67E-05	1.62E-05	5.86E-09	1.77E-08	1.02E-08	1.01E-08	9.16E-09	4.18E-09	4.06E-09	1.96E-10	4.72E-09	1.04E-09	1.37E-09	2.18E-09	3.84E-10	2.13E-09	1.20E-08
2631	490710.04	3858760.04	1.65E-05	1.63E-05	1.58E-05	5.71E-09	1.72E-08	9.98E-09	9.85E-09	8.93E-09	4.07E-09	3.96E-09	1.91E-10	4.61E-09	1.02E-09	1.34E-09	2.12E-09	3.74E-10	2.08E-09	1.17E-08
2632	490760.04	3858760.04	1.60E-05	1.58E-05	1.53E-05	5.54E-09	1.67E-08	9.68E-09	9.56E-09	8.66E-09	3.95E-09	3.84E-09	1.85E-10	4.47E-09	9.86E-10	1.30E-09	2.06E-09	3.63E-10	2.01E-09	1.14E-08
2633	490810.04	3858760.04	1.55E-05	1.53E-05	1.49E-05	5.37E-09	1.62E-08	9.39E-09	9.27E-09	8.40E-09	3.83E-09	3.72E-09	1.79E-10	4.33E-09	9.56E-10	1.26E-09	2.00E-09	3.52E-10	1.95E-09	1.10E-08
2634	490860.04	3858760.04	1.51E-05	1.49E-05	1.44E-05	5.22E-09	1.58E-08	9.12E-09	9.00E-09	8.16E-09	3.72E-09	3.62E-09	1.74E-10	4.21E-09	9.29E-10	1.22E-09	1.94E-09	3.42E-10	1.90E-09	1.07E-08
2635	490360.04	3858810.04	1.84E-05	1.82E-05	1.76E-05	6.37E-09	1.92E-08	1.11E-08	1.10E-08	9.97E-09	4.55E-09	4.42E-09	2.13E-10	5.14E-09	1.13E-09	1.49E-09	2.37E-09	4.17E-10	2.32E-09	1.31E-08
2636	490410.04	3858810.04	1.79E-05	1.77E-05	1.72E-05	6.20E-09	1.87E-08	1.08E-08	1.07E-08	9.70E-09	4.43E-09	4.30E-09	2.07E-10	5.00E-09	1.10E-09	1.45E-09	2.30E-09	4.06E-10	2.26E-09	1.27E-08
2637	490460.04	3858810.04	1.74E-05	1.72E-05	1.67E-05	6.03E-09	1.82E-08	1.05E-08	1.04E-08	9.44E-09	4.31E-09	4.18E-09	2.02E-10	4.87E-09	1.07E-09	1.41E-09	2.24E-09	3.95E-10	2.19E-09	1.24E-08
2638	490510.04	3858810.04	1.70E-05	1.68E-05	1.63E-05	5.89E-09	1.78E-08	1.03E-08	1.02E-08	9.20E-09	4.20E-09	4.08E-09	1.97E-10	4.75E-09	1.05E-09	1.38E-09	2.19E-09	3.85E-10	2.14E-09	1.21E-08
2639	490560.04	3858810.04	1.66E-05	1.64E-05	1.59E-05	5.74E-09	1.73E-08	1.00E-08	9.90E-09	8.97E-09	4.09E-09	3.98E-09	1.92E-10	4.63E-09	1.02E-09	1.34E-09	2.13E-09	3.76E-10	2.09E-09	1.18E-08
2640	490610.04	3858810.04	1.61E-05	1.59E-05	1.54E-05	5.57E-09	1.68E-08	9.73E-09	9.60E-09	8.70E-09	3.97E-09	3.86E-09	1.86E-10	4.49E-09	9.91E-10	1.30E-09	2.07E-09	3.64E-10	2.02E-09	1.14E-08
2641	490660.04	3858810.04	1.56E-05	1.54E-05	1.50E-05	5.41E-09	1.63E-08	9.46E-09	9.34E-09	8.46E-09	3.86E-09	3.75E-09	1.81E-10	4.37E-09	9.63E-10	1.27E-09	2.01E-09	3.54E-10	1.97E-09	1.11E-08
2642	490710.04	3858810.04	1.52E-05	1.50E-05	1.45E-05	5.25E-09	1.58E-08	9.17E-09	9.05E-09	8.21E-09	3.74E-09	3.64E-09	1.75E-10	4.23E-09	9.34E-10	1.23E-09	1.95E-09	3.44E-10	1.91E-09	1.08E-08
2643	490760.04	3858810.04	1.46E-05	1.44E-05	1.40E-05	5.05E-09	1.52E-08	8.83E-09	8.71E-09	7.90E-09	3.60E-09	3.50E-09	1.69E-10	4.07E-09	8.99E-10	1.18E-09	1.88E-09	3.31E-10	1.84E-09	1.04E-08

2644	490810.04	3858810.04	1.42E-05	1.41E-05	1.37E-05	4.93E-09	1.49E-08	8.62E-09	8.51E-09	7.71E-09	3.52E-09	3.42E-09	1.65E-10	3.98E-09	8.78E-10	1.16E-09	1.83E-09	3.23E-10	1.79E-09	1.01E-08
2645	490860.04	3858810.04	1.37E-05	1.36E-05	1.32E-05	4.76E-09	1.44E-08	8.31E-09	8.21E-09	7.44E-09	3.39E-09	3.30E-09	1.59E-10	3.84E-09	8.47E-10	1.11E-09	1.77E-09	3.12E-10	1.73E-09	9.77E-09
2646	490360.04	3858860.04	1.73E-05	1.71E-05	1.66E-05	6.00E-09	1.81E-08	1.05E-08	1.03E-08	9.38E-09	4.28E-09	4.15E-09	2.00E-10	4.84E-09	1.07E-09	1.40E-09	2.23E-09	3.93E-10	2.18E-09	1.23E-08
2647	490410.04	3858860.04	1.69E-05	1.67E-05	1.62E-05	5.84E-09	1.76E-08	1.02E-08	1.01E-08	9.14E-09	4.17E-09	4.05E-09	1.95E-10	4.71E-09	1.04E-09	1.37E-09	2.17E-09	3.83E-10	2.12E-09	1.20E-08
2648	490460.04	3858860.04	1.64E-05	1.61E-05	1.57E-05	5.66E-09	1.71E-08	9.90E-09	9.77E-09	8.86E-09	4.04E-09	3.92E-09	1.89E-10	4.57E-09	1.01E-09	1.33E-09	2.10E-09	3.71E-10	2.06E-09	1.16E-08
2649	490510.04	3858860.04	1.60E-05	1.58E-05	1.53E-05	5.53E-09	1.67E-08	9.67E-09	9.54E-09	8.65E-09	3.95E-09	3.83E-09	1.85E-10	4.46E-09	9.84E-10	1.30E-09	2.05E-09	3.62E-10	2.01E-09	1.14E-08
2650	490560.04	3858860.04	1.55E-05	1.53E-05	1.49E-05	5.37E-09	1.62E-08	9.38E-09	9.26E-09	8.39E-09	3.83E-09	3.72E-09	1.79E-10	4.33E-09	9.55E-10	1.26E-09	1.99E-09	3.51E-10	1.95E-09	1.10E-08
2651	490610.04	3858860.04	1.49E-05	1.47E-05	1.43E-05	5.17E-09	1.56E-08	9.04E-09	8.92E-09	8.09E-09	3.69E-09	3.58E-09	1.73E-10	4.17E-09	9.21E-10	1.21E-09	1.92E-09	3.39E-10	1.88E-09	1.06E-08
2652	490660.04	3858860.04	1.45E-05	1.43E-05	1.39E-05	5.02E-09	1.52E-08	8.78E-09	8.66E-09	7.85E-09	3.58E-09	3.48E-09	1.68E-10	4.05E-09	8.94E-10	1.18E-09	1.87E-09	3.29E-10	1.83E-09	1.03E-08
2653	490710.04	3858860.04	1.41E-05	1.39E-05	1.35E-05	4.89E-09	1.48E-08	8.55E-09	8.44E-09	7.65E-09	3.49E-09	3.39E-09	1.63E-10	3.95E-09	8.71E-10	1.15E-09	1.82E-09	3.20E-10	1.78E-09	1.00E-08
2654	490760.04	3858860.04	1.36E-05	1.34E-05	1.30E-05	4.71E-09	1.42E-08	8.22E-09	8.12E-09	7.36E-09	3.36E-09	3.26E-09	1.57E-10	3.80E-09	8.37E-10	1.10E-09	1.75E-09	3.08E-10	1.71E-09	9.66E-09
2655	490810.04	3858860.04	1.31E-05	1.29E-05	1.25E-05	4.52E-09	1.37E-08	7.91E-09	7.81E-09	7.08E-09	3.23E-09	3.14E-09	1.51E-10	3.65E-09	8.05E-10	1.06E-09	1.68E-09	2.96E-10	1.65E-09	9.29E-09
2656	490860.04	3858860.04	1.25E-05	1.24E-05	1.20E-05	4.34E-09	1.31E-08	7.59E-09	7.49E-09	6.79E-09	3.10E-09	3.01E-09	1.45E-10	3.50E-09	7.73E-10	1.02E-09	1.61E-09	2.84E-10	1.58E-09	8.91E-09
2657	490360.04	3858910.04	1.65E-05	1.62E-05	1.58E-05	5.70E-09	1.72E-08	9.96E-09	9.83E-09	8.91E-09	4.06E-09	3.95E-09	1.90E-10	4.59E-09	1.01E-09	1.33E-09	2.12E-09	3.73E-10	2.07E-09	1.17E-08
2658	490410.04	3858910.04	1.60E-05	1.58E-05	1.53E-05	5.53E-09	1.67E-08	9.66E-09	9.54E-09	8.64E-09	3.94E-09	3.83E-09	1.85E-10	4.46E-09	9.84E-10	1.29E-09	2.05E-09	3.62E-10	2.01E-09	1.13E-08
2659	490460.04	3858910.04	1.55E-05	1.53E-05	1.48E-05	5.36E-09	1.62E-08	9.37E-09	9.25E-09	8.38E-09	3.82E-09	3.71E-09	1.79E-10	4.32E-09	9.54E-10	1.26E-09	1.99E-09	3.51E-10	1.95E-09	1.10E-08
2660	490510.04	3858910.04	1.50E-05	1.48E-05	1.44E-05	5.19E-09	1.57E-08	9.07E-09	8.96E-09	8.12E-09	3.70E-09	3.60E-09	1.73E-10	4.19E-09	9.24E-10	1.22E-09	1.93E-09	3.40E-10	1.89E-09	1.07E-08
2661	490560.04	3858910.04	1.45E-05	1.43E-05	1.39E-05	5.02E-09	1.51E-08	8.77E-09	8.65E-09	7.84E-09	3.58E-09	3.48E-09	1.68E-10	4.05E-09	8.93E-10	1.17E-09	1.86E-09	3.28E-10	1.82E-09	1.03E-08
2662	490610.04	3858910.04	1.40E-05	1.38E-05	1.34E-05	4.84E-09	1.46E-08	8.46E-09	8.35E-09	7.57E-09	3.45E-09	3.35E-09	1.62E-10	3.90E-09	8.61E-10	1.13E-09	1.80E-09	3.17E-10	1.76E-09	9.93E-09
2663	490660.04	3858910.04	1.35E-05	1.34E-05	1.30E-05	4.69E-09	1.42E-08	8.19E-09	8.09E-09	7.33E-09	3.34E-09	3.25E-09	1.57E-10	3.78E-09	8.34E-10	1.10E-09	1.74E-09	3.07E-10	1.70E-09	9.62E-09
2664	490710.04	3858910.04	1.31E-05	1.29E-05	1.25E-05	4.52E-09	1.36E-08	7.90E-09	7.79E-09	7.07E-09	3.22E-09	3.13E-09	1.51E-10	3.64E-09	8.04E-10	1.06E-09	1.68E-09	2.96E-10	1.64E-09	9.28E-09
2665	490760.04	3858910.04	1.25E-05	1.23E-05	1.20E-05	4.32E-09	1.31E-08	7.56E-09	7.46E-09	6.76E-09	3.09E-09	3.00E-09	1.44E-10	3.49E-09	7.70E-10	1.01E-09	1.61E-09	2.83E-10	1.57E-09	8.88E-09
2666	490810.04	3858910.04	1.21E-05	1.19E-05	1.16E-05	4.17E-09	1.26E-08	7.30E-09	7.20E-09	6.53E-09	2.98E-09	2.89E-09	1.39E-10	3.37E-09	7.43E-10	9.78E-10	1.55E-09	2.73E-10	1.52E-09	8.57E-09
2667	490860.04	3858910.04	1.15E-05	1.14E-05	1.10E-05	3.98E-09	1.20E-08	6.96E-09	6.87E-09	6.23E-09	2.84E-09	2.76E-09	1.33E-10	3.21E-09	7.09E-10	9.33E-10	1.48E-09	2.61E-10	1.45E-09	8.18E-09
2668	490360.04	3858960.04	1.56E-05	1.54E-05	1.49E-05	5.39E-09	1.63E-08	9.43E-09	9.31E-09	8.44E-09	3.85E-09	3.74E-09	1.80E-10	4.35E-09	9.60E-10	1.26E-09	2.00E-09	3.53E-10	1.96E-09	1.11E-08
2669	490410.04	3858960.04	1.51E-05	1.49E-05	1.44E-05	5.22E-09	1.57E-08	9.12E-09	9.00E-09	8.16E-09	3.72E-09	3.61E-09	1.74E-10	4.21E-09	9.28E-10	1.22E-09	1.94E-09	3.42E-10	1.90E-09	1.07E-08
2670	490460.04	3858960.04	1.45E-05	1.44E-05	1.39E-05	5.04E-09	1.52E-08	8.80E-09	8.69E-09	7.87E-09	3.59E-09	3.49E-09	1.68E-10	4.06E-09	8.96E-10	1.18E-09	1.87E-09	3.30E-10	1.83E-09	1.03E-08
2671	490510.04	3858960.04	1.41E-05	1.39E-05	1.35E-05	4.87E-09	1.47E-08	8.51E-09	8.40E-09	7.61E-09	3.47E-09	3.37E-09	1.63E-10	3.93E-09	8.66E-10	1.14E-09	1.81E-09	3.19E-10	1.77E-09	9.99E-09
2672	490560.04	3858960.04	1.36E-05	1.34E-05	1.30E-05	4.70E-09	1.42E-08	8.22E-09	8.11E-09	7.36E-09	3.36E-09	3.26E-09	1.57E-10	3.79E-09	8.37E-10	1.10E-09	1.75E-09	3.08E-10	1.71E-09	9.66E-09
2673	490610.04	3858960.04	1.30E-05	1.29E-05	1.25E-05	4.51E-09	1.36E-08	7.88E-09	7.78E-09	7.05E-09	3.22E-09	3.13E-09	1.51E-10	3.64E-09	8.03E-10	1.06E-09	1.68E-09	2.95E-10	1.64E-09	9.26E-09
2674	490660.04	3858960.04	1.27E-05	1.25E-05	1.22E-05	4.39E-09	1.33E-08	7.68E-09	7.58E-09	6.87E-09	3.13E-09	3.04E-09	1.47E-10	3.54E-09	7.82E-10	1.03E-09	1.63E-09	2.88E-10	1.60E-09	9.02E-09
2675	490710.04	3858960.04	1.21E-05	1.20E-05	1.16E-05	4.20E-09	1.27E-08	7.34E-09	7.25E-09	6.57E-09	3.00E-09	2.91E-09	1.40E-10	3.39E-09	7.48E-10	9.84E-10	1.56E-09	2.75E-10	1.53E-09	8.62E-09
2676	490760.04	3858960.04	1.16E-05	1.15E-05	1.12E-05	4.03E-09	1.22E-08	7.04E-09	6.95E-09	6.30E-09	2.87E-09	2.79E-09	1.34E-10	3.25E-09	7.17E-10	9.43E-10	1.50E-09	2.64E-10	1.46E-09	8.27E-09
2677	490810.04	3858960.04	1.11E-05	1.10E-05	1.07E-05	3.86E-09	1.16E-08	6.74E-09	6.65E-09	6.03E-09	2.75E-09	2.67E-09	1.29E-10	3.11E-09	6.86E-10	9.03E-10	1.43E-09	2.53E-10	1.40E-09	7.92E-09
2678	490860.04	3858960.04	1.06E-05	1.05E-05	1.01E-05	3.67E-09	1.11E-08	6.41E-09	6.32E-09	5.73E-09	2.62E-09	2.54E-09	1.22E-10	2.96E-09	6.52E-10	8.59E-10	1.36E-09	2.40E-10	1.33E-09	7.53E-09
2679	490360.04	3859010.04	1.48E-05	1.46E-05	1.41E-05	5.11E-09	1.54E-08	8.93E-09	8.82E-09	7.99E-09	3.65E-09	3.54E-09	1.71E-10	4.12E-09	9.10E-10	1.20E-09	1.90E-09	3.35E-10	1.86E-09	1.05E-08
2680	490410.04	3859010.04	1.42E-05	1.40E-05	1.36E-05	4.93E-09	1.49E-08	8.61E-09	8.50E-09	7.70E-09	3.51E-09	3.41E-09	1.64E-10	3.97E-09	8.77E-10	1.15E-09	1.83E-09	3.23E-10	1.79E-09	1.01E-08
2681	490460.04	3859010.04	1.36E-05	1.35E-05	1.31E-05	4.72E-09	1.43E-08	8.26E-09	8.15E-09	7.39E-09	3.37E-09	3.27E-09	1.58E-10	3.81E-09	8.41E-10	1.11E-09	1.75E-09	3.09E-10	1.72E-09	9.70E-09
2682	490510.04	3859010.04	1.31E-05	1.29E-05	1.25E-05	4.53E-09	1.37E-08	7.91E-09	7.81E-09	7.08E-09	3.23E-09	3.14E-09	1.51E-10	3.65E-09	8.05E-10	1.06E-09	1.68E-09	2.96E-10	1.65E-09	9.29E-09
2683	490560.04	3859010.04	1.27E-05	1.25E-05	1.22E-05	4.39E-09	1.33E-08	7.68E-09	7.58E-09	6.87E-09	3.13E-09	3.04E-09	1.47E-10	3.54E-09	7.82E-10	1.03E-09	1.63E-09	2.88E-10	1.60E-09	9.02E-09
2684	490610.04	3859010.04	1.21E-05	1.20E-05	1.16E-05	4.20E-09	1.27E-08	7.35E-09	7.25E-09	6.57E-09	3.00E-09	2.91E-09	1.40E-10	3.39E-09	7.48E-10	9.85E-10	1.56E-09	2.75E-10	1.53E-09	8.63E-09
2685	490660.04	3859010.04	1.18E-05	1.17E-05	1.13E-05	4.09E-09	1.24E-08	7.16E-09	7.06E-09	6.40E-09	2.92E-09	2.84E-09	1.37E-10	3.30E-09	7.29E-10	9.59E-10	1.52E-09	2.68E-10	1.49E-09	8.40E-09
2686	490710.04	3859010.04	1.13E-05	1.11E-05	1.08E-05	3.90E-09	1.18E-08	6.82E-09	6.73E-09	6.10E-09	2.78E-09	2.70E-09	1.30E-10	3.15E-09	6.94E-10	9.14E-10	1.45E-09	2.55E-10	1.42E-09	8.01E-09
2687	490760.04	3859010.04	1.08E-05	1.06E-05	1.03E-05	3.73E-09	1.13E-08	6.51E-09	6.43E-09	5.83E-09	2.66E-09	2.58E-09	1.24E-10	3.01E-09	6.63E-10	8.73E-10	1.38E-09	2.44E-10	1.36E-09	7.65E-09
2688	490810.04	3859010.04	1.03E-05	1.01E-05	9.84E-06	3.55E-09	1.07E-08	6.21E-09	6.13E-09	5.56E-09	2.54E-09	2.46E-09	1.19E-10	2.87E-09	6.33E-10	8.32E-10	1.32E-09	2.33E-10	1.29E-09	7.30E-09
2689	490860.04	3859010.04	9.82E-06	9.69E-06	9.41E-06	3.40E-09	1.03E-08	5.94E-09	5.86E-09	5.32E-09	2.43E-09	2.36E-09	1.14E-10	2.74E-09	6.05E-10	7.96E-10	1.26E-09	2.23E-10	1.24E-09	6.98E-09
2690	490360.04	3859060.04	1.40E-05	1.38E-05	1.34E-05	4.83E-09	1.46E-08	8.44E-09	8.33E-09	7.55E-09	3.45E-09	3.35E-09	1.61E-10	3.90E-09	8.60E-10	1.13E-09	1.80E-09	3.16E-10	1.76E-09	9.92E-09
2691	490410.04	3859060.04	1.33E-05	1.32E-05	1.28E-05	4.61E-09	1.39E-08	8.06E-09	7.96E-09	7.21E-09	3.29E-09	3.20E-09	1.54E-10	3.72E-09	8.21E-10	1.08E-09	1.71E-09	3.02E-10	1.68E-09	9.47E-09
2692	490460.04	3859060.04	1.28E-05	1.26E-05	1.22E-05	4.42E-09	1.34E-08	7.73E-09	7.63E-09	6.92E-09	3.16E-09	3.07E-09	1.48E-10	3.57E-09	7.87E-10	1.04E-09	1.64E-09	2.90E-10	1.61E-09	9.08E-09
2693	490510.04	3859060.04	1.23E-05	1.21E-05	1.18E-05	4.25E-09	1.28E-08	7.44E-09	7.34E-09	6.65E-09	3.04E-09	2.95E-09	1.42E-10	3.43E-09	7.57E-10	9.96E-10	1.58E-09	2.79E-10	1.55E-09	8.73E-09
2694	490560.04	3859060.04	1.17E-05	1.16E-05	1.13E-05	4.06E-09	1.23E-08	7.10E-09	7.01E-09	6.36E-09	2.90E-09	2.82E-09	1.36E-10	3.28E-09	7.23E-10	9.52E-10	1.51E-09	2.66E-10	1.48E-09	8.34E-09
2695	490610.04	3859060.04	1.13E-05	1.12E-05	1.09E-05	3.92E-09	1.18E-08	6.86E-09	6.77E-09	6.14E-09	2.80E-09	2.72E-09	1.31E-10	3.17E-09	6.99E-10	9.19E-10	1.46E-09	2.57E-10	1.43E-09	8.06E-09
2696	490660.04	3859060.04	1.10E-05	1.08E-05	1.05E-05	3.79E-09	1.15E-08	6.63E-09	6.54E-09	5.93E-09	2.71E-09	2.63E-09	1.27E-10	3.06E-09	6.75E-10	8.89E-10	1.41E-09	2.48E-10	1.38E-09	7.79E-09

2697	490710.04	3859060.04	1.04E-05	1.03E-05	9.98E-06	3.61E-09	1.09E-08	6.30E-09	6.22E-09	5.64E-09	2.57E-09	2.50E-09	1.20E-10	2.91E-09	6.42E-10	8.45E-10	1.34E-09	2.36E-10	1.31E-09	7.40E-09
2698	490760.04	3859060.04	9.93E-06	9.80E-06	9.52E-06	3.44E-09	1.04E-08	6.01E-09	5.93E-09	5.37E-09	2.45E-09	2.38E-09	1.15E-10	2.77E-09	6.12E-10	8.05E-10	1.28E-09	2.25E-10	1.25E-09	7.06E-09
2699	490810.04	3859060.04	9.44E-06	9.32E-06	9.05E-06	3.27E-09	9.87E-09	5.71E-09	5.64E-09	5.11E-09	2.33E-09	2.26E-09	1.09E-10	2.64E-09	5.82E-10	7.65E-10	1.21E-09	2.14E-10	1.19E-09	6.71E-09
2700	490860.04	3859060.04	9.01E-06	8.90E-06	8.64E-06	3.12E-09	9.42E-09	5.45E-09	5.38E-09	4.88E-09	2.23E-09	2.16E-09	1.04E-10	2.52E-09	5.55E-10	7.31E-10	1.16E-09	2.04E-10	1.13E-09	6.41E-09
2701	490360.04	3859110.04	1.32E-05	1.31E-05	1.27E-05	4.59E-09	1.38E-08	8.01E-09	7.91E-09	7.17E-09	3.27E-09	3.18E-09	1.53E-10	3.70E-09	8.16E-10	1.07E-09	1.70E-09	3.00E-10	1.67E-09	9.41E-09
2702	490410.04	3859110.04	1.26E-05	1.25E-05	1.21E-05	4.37E-09	1.32E-08	7.64E-09	7.54E-09	6.84E-09	3.12E-09	3.03E-09	1.46E-10	3.53E-09	7.78E-10	1.02E-09	1.62E-09	2.86E-10	1.59E-09	8.98E-09
2703	490460.04	3859110.04	1.22E-05	1.20E-05	1.16E-05	4.21E-09	1.27E-08	7.35E-09	7.26E-09	6.58E-09	3.00E-09	2.91E-09	1.40E-10	3.39E-09	7.49E-10	9.85E-10	1.56E-09	2.75E-10	1.53E-09	8.64E-09
2704	490510.04	3859110.04	1.15E-05	1.13E-05	1.10E-05	3.97E-09	1.20E-08	6.93E-09	6.84E-09	6.20E-09	2.83E-09	2.75E-09	1.32E-10	3.20E-09	7.06E-10	9.29E-10	1.47E-09	2.60E-10	1.44E-09	8.14E-09
2705	490560.04	3859110.04	1.10E-05	1.08E-05	1.05E-05	3.80E-09	1.15E-08	6.64E-09	6.55E-09	5.94E-09	2.71E-09	2.63E-09	1.27E-10	3.06E-09	6.76E-10	8.89E-10	1.41E-09	2.49E-10	1.38E-09	7.80E-09
2706	490610.04	3859110.04	1.05E-05	1.03E-05	1.00E-05	3.62E-09	1.09E-08	6.33E-09	6.25E-09	5.66E-09	2.58E-09	2.51E-09	1.21E-10	2.92E-09	6.44E-10	8.48E-10	1.35E-09	2.37E-10	1.32E-09	7.43E-09
2707	490660.04	3859110.04	9.91E-06	9.78E-06	9.50E-06	3.43E-09	1.04E-08	6.00E-09	5.92E-09	5.36E-09	2.45E-09	2.38E-09	1.15E-10	2.77E-09	6.10E-10	8.03E-10	1.27E-09	2.25E-10	1.25E-09	7.04E-09
2708	490710.04	3859110.04	9.55E-06	9.42E-06	9.15E-06	3.30E-09	9.98E-09	5.78E-09	5.70E-09	5.17E-09	2.36E-09	2.29E-09	1.10E-10	2.67E-09	5.88E-10	7.74E-10	1.23E-09	2.16E-10	1.20E-09	6.78E-09
2709	490760.04	3859110.04	9.12E-06	9.00E-06	8.74E-06	3.16E-09	9.53E-09	5.52E-09	5.44E-09	4.93E-09	2.25E-09	2.19E-09	1.05E-10	2.55E-09	5.62E-10	7.39E-10	1.17E-09	2.07E-10	1.15E-09	6.48E-09
2710	490810.04	3859110.04	8.63E-06	8.52E-06	8.27E-06	2.99E-09	9.02E-09	5.22E-09	5.15E-09	4.67E-09	2.13E-09	2.07E-09	9.98E-11	2.41E-09	5.32E-10	7.00E-10	1.11E-09	1.96E-10	1.09E-09	6.13E-09
2711	490860.04	3859110.04	8.17E-06	8.07E-06	7.83E-06	2.83E-09	8.54E-09	4.95E-09	4.88E-09	4.42E-09	2.02E-09	1.96E-09	9.45E-11	2.28E-09	5.04E-10	6.63E-10	1.05E-09	1.85E-10	1.03E-09	5.81E-09
2712	490360.04	3859160.04	1.26E-05	1.24E-05	1.21E-05	4.36E-09	1.32E-08	7.63E-09	7.53E-09	6.82E-09	3.11E-09	3.02E-09	1.46E-10	3.52E-09	7.77E-10	1.02E-09	1.62E-09	2.86E-10	1.59E-09	8.96E-09
2713	490410.04	3859160.04	1.20E-05	1.19E-05	1.15E-05	4.17E-09	1.26E-08	7.28E-09	7.19E-09	6.51E-09	2.97E-09	2.89E-09	1.39E-10	3.36E-09	7.41E-10	9.76E-10	1.55E-09	2.73E-10	1.51E-09	8.55E-09
2714	490460.04	3859160.04	1.15E-05	1.14E-05	1.10E-05	3.98E-09	1.20E-08	6.96E-09	6.87E-09	6.23E-09	2.84E-09	2.76E-09	1.33E-10	3.21E-09	7.09E-10	9.33E-10	1.48E-09	2.61E-10	1.45E-09	8.17E-09
2715	490510.04	3859160.04	1.10E-05	1.08E-05	1.05E-05	3.80E-09	1.15E-08	6.63E-09	6.55E-09	5.94E-09	2.71E-09	2.63E-09	1.27E-10	3.06E-09	6.76E-10	8.89E-10	1.41E-09	2.49E-10	1.38E-09	7.79E-09
2716	490560.04	3859160.04	1.04E-05	1.02E-05	9.92E-06	3.58E-09	1.08E-08	6.26E-09	6.18E-09	5.60E-09	2.56E-09	2.48E-09	1.20E-10	2.89E-09	6.38E-10	8.39E-10	1.33E-09	2.35E-10	1.30E-09	7.36E-09
2717	490610.04	3859160.04	9.91E-06	9.78E-06	9.50E-06	3.43E-09	1.04E-08	6.00E-09	5.92E-09	5.37E-09	2.45E-09	2.38E-09	1.15E-10	2.77E-09	6.11E-10	8.04E-10	1.27E-09	2.25E-10	1.25E-09	7.04E-09
2718	490660.04	3859160.04	9.13E-06	9.01E-06	8.75E-06	3.16E-09	9.55E-09	5.53E-09	5.45E-09	4.94E-09	2.26E-09	2.19E-09	1.06E-10	2.55E-09	5.63E-10	7.40E-10	1.17E-09	2.07E-10	1.15E-09	6.49E-09
2719	490710.04	3859160.04	8.77E-06	8.65E-06	8.40E-06	3.04E-09	9.16E-09	5.31E-09	5.24E-09	4.75E-09	2.17E-09	2.10E-09	1.01E-10	2.45E-09	5.40E-10	7.11E-10	1.13E-09	1.99E-10	1.10E-09	6.23E-09
2720	490760.04	3859160.04	8.20E-06	8.09E-06	7.86E-06	2.84E-09	8.57E-09	4.96E-09	4.90E-09	4.44E-09	2.03E-09	1.97E-09	9.48E-11	2.29E-09	5.05E-10	6.65E-10	1.05E-09	1.86E-10	1.03E-09	5.83E-09
2721	490810.04	3859160.04	7.86E-06	7.76E-06	7.54E-06	2.72E-09	8.22E-09	4.76E-09	4.70E-09	4.26E-09	1.94E-09	1.89E-09	9.09E-11	2.20E-09	4.85E-10	6.38E-10	1.01E-09	1.78E-10	9.90E-10	5.59E-09
2722	490860.04	3859160.04	7.52E-06	7.42E-06	7.21E-06	2.60E-09	7.86E-09	4.55E-09	4.49E-09	4.07E-09	1.86E-09	1.80E-09	8.69E-11	2.10E-09	4.63E-10	6.10E-10	9.67E-10	1.70E-10	9.46E-10	5.34E-09
2723	490360.04	3859210.04	1.20E-05	1.18E-05	1.15E-05	4.15E-09	1.25E-08	7.25E-09	7.16E-09	6.49E-09	2.96E-09	2.88E-09	1.39E-10	3.35E-09	7.39E-10	9.72E-10	1.54E-09	2.72E-10	1.51E-09	8.52E-09
2724	490410.04	3859210.04	1.16E-05	1.14E-05	1.11E-05	4.01E-09	1.21E-08	7.00E-09	6.91E-09	6.27E-09	2.86E-09	2.78E-09	1.34E-10	3.23E-09	7.13E-10	9.38E-10	1.49E-09	2.62E-10	1.46E-09	8.22E-09
2725	490460.04	3859210.04	1.09E-05	1.08E-05	1.05E-05	3.78E-09	1.14E-08	6.60E-09	6.51E-09	5.90E-09	2.69E-09	2.62E-09	1.26E-10	3.05E-09	6.72E-10	8.84E-10	1.40E-09	2.47E-10	1.37E-09	7.75E-09
2726	490510.04	3859210.04	1.04E-05	1.02E-05	9.93E-06	3.59E-09	1.08E-08	6.27E-09	6.19E-09	5.61E-09	2.56E-09	2.49E-09	1.20E-10	2.89E-09	6.38E-10	8.40E-10	1.33E-09	2.35E-10	1.30E-09	7.36E-09
2727	490560.04	3859210.04	9.94E-06	9.81E-06	9.53E-06	3.44E-09	1.04E-08	6.02E-09	5.94E-09	5.38E-09	2.46E-09	2.39E-09	1.15E-10	2.78E-09	6.13E-10	8.06E-10	1.28E-09	2.25E-10	1.25E-09	7.07E-09
2728	490610.04	3859210.04	9.43E-06	9.30E-06	9.04E-06	3.26E-09	9.85E-09	5.70E-09	5.63E-09	5.10E-09	2.33E-09	2.26E-09	1.09E-10	2.63E-09	5.81E-10	7.64E-10	1.21E-09	2.14E-10	1.19E-09	6.70E-09
2729	490660.04	3859210.04	8.74E-06	8.63E-06	8.38E-06	3.03E-09	9.14E-09	5.29E-09	5.22E-09	4.73E-09	2.16E-09	2.10E-09	1.01E-10	2.44E-09	5.39E-10	7.09E-10	1.12E-09	1.98E-10	1.10E-09	6.21E-09
2730	490710.04	3859210.04	8.33E-06	8.22E-06	7.98E-06	2.88E-09	8.71E-09	5.04E-09	4.97E-09	4.51E-09	2.06E-09	2.00E-09	9.63E-11	2.33E-09	5.13E-10	6.75E-10	1.07E-09	1.89E-10	1.05E-09	5.92E-09
2731	490760.04	3859210.04	7.76E-06	7.66E-06	7.44E-06	2.69E-09	8.11E-09	4.70E-09	4.63E-09	4.20E-09	1.92E-09	1.86E-09	8.97E-11	2.17E-09	4.78E-10	6.29E-10	9.98E-10	1.76E-10	9.77E-10	5.51E-09
2732	490810.04	3859210.04	7.61E-06	7.51E-06	7.29E-06	2.63E-09	7.95E-09	4.60E-09	4.54E-09	4.12E-09	1.88E-09	1.83E-09	8.80E-11	2.12E-09	4.69E-10	6.17E-10	9.79E-10	1.72E-10	9.58E-10	5.41E-09
2733	490860.04	3859210.04	7.45E-06	7.35E-06	7.14E-06	2.58E-09	7.78E-09	4.50E-09	4.45E-09	4.03E-09	1.84E-09	1.79E-09	8.61E-11	2.08E-09	4.59E-10	6.04E-10	9.58E-10	1.69E-10	9.37E-10	5.29E-09
2734	490360.04	3859260.04	1.14E-05	1.12E-05	1.09E-05	3.93E-09	1.19E-08	6.87E-09	6.78E-09	6.15E-09	2.80E-09	2.72E-09	1.31E-10	3.17E-09	7.00E-10	9.21E-10	1.46E-09	2.57E-10	1.43E-09	8.07E-09
2735	490410.04	3859260.04	1.09E-05	1.08E-05	1.05E-05	3.78E-09	1.14E-08	6.61E-09	6.52E-09	5.91E-09	2.70E-09	2.62E-09	1.26E-10	3.05E-09	6.73E-10	8.85E-10	1.40E-09	2.47E-10	1.37E-09	7.76E-09
2736	490460.04	3859260.04	1.05E-05	1.04E-05	1.01E-05	3.65E-09	1.10E-08	6.37E-09	6.29E-09	5.70E-09	2.60E-09	2.53E-09	1.22E-10	2.94E-09	6.49E-10	8.54E-10	1.36E-09	2.39E-10	1.33E-09	7.49E-09
2737	490510.04	3859260.04	1.02E-05	1.00E-05	9.74E-06	3.52E-09	1.06E-08	6.15E-09	6.07E-09	5.50E-09	2.51E-09	2.44E-09	1.17E-10	2.84E-09	6.26E-10	8.24E-10	1.31E-09	2.30E-10	1.28E-09	7.22E-09
2738	490560.04	3859260.04	9.68E-06	9.55E-06	9.28E-06	3.35E-09	1.01E-08	5.86E-09	5.78E-09	5.24E-09	2.39E-09	2.32E-09	1.12E-10	2.70E-09	5.96E-10	7.85E-10	1.25E-09	2.19E-10	1.22E-09	6.88E-09
2739	490610.04	3859260.04	9.06E-06	8.95E-06	8.69E-06	3.14E-09	9.47E-09	5.48E-09	5.41E-09	4.91E-09	2.24E-09	2.17E-09	1.05E-10	2.53E-09	5.58E-10	7.35E-10	1.17E-09	2.05E-10	1.14E-09	6.44E-09
2740	490660.04	3859260.04	8.83E-06	8.72E-06	8.46E-06	3.06E-09	9.23E-09	5.34E-09	5.27E-09	4.78E-09	2.18E-09	2.12E-09	1.02E-10	2.47E-09	5.44E-10	7.16E-10	1.14E-09	2.00E-10	1.11E-09	6.28E-09
2741	490710.04	3859260.04	8.47E-06	8.36E-06	8.12E-06	2.93E-09	8.85E-09	5.12E-09	5.06E-09	4.59E-09	2.09E-09	2.03E-09	9.79E-11	2.36E-09	5.22E-10	6.87E-10	1.09E-09	1.92E-10	1.07E-09	6.02E-09
2742	490760.04	3859260.04	7.89E-06	7.79E-06	7.56E-06	2.73E-09	8.25E-09	4.78E-09	4.71E-09	4.27E-09	1.95E-09	1.89E-09	9.12E-11	2.20E-09	4.86E-10	6.40E-10	1.02E-09	1.79E-10	9.94E-10	5.61E-09
2743	490810.04	3859260.04	7.67E-06	7.57E-06	7.36E-06	2.66E-09	8.02E-09	4.64E-09	4.58E-09	4.15E-09	1.90E-09	1.84E-09	8.87E-11	2.14E-09	4.73E-10	6.22E-10	9.87E-10	1.74E-10	9.66E-10	5.45E-09
2744	490860.04	3859260.04	7.46E-06	7.37E-06	7.15E-06	2.58E-09	7.80E-09	4.52E-09	4.46E-09	4.04E-09	1.84E-09	1.79E-09	8.63E-11	2.08E-09	4.60E-10	6.05E-10	9.60E-10	1.69E-10	9.39E-10	5.30E-09
2745	490360.04	3859310.04	1.09E-05	1.07E-05	1.04E-05	3.76E-09	1.13E-08	6.57E-09	6.48E-09	5.88E-09	2.68E-09	2.60E-09	1.25E-10	3.03E-09	6.69E-10	8.80E-10	1.40E-09	2.46E-10	1.37E-09	7.71E-09
2746	490410.04	3859310.04	1.05E-05	1.03E-05	1.00E-05	3.62E-09	1.09E-08	6.32E-09	6.24E-09	5.66E-09	2.58E-09	2.51E-09	1.21E-10	2.92E-09	6.44E-10	8.47E-10	1.34E-09	2.37E-10	1.32E-09	7.43E-09
2747	490460.04	3859310.04	1.01E-05	9.94E-06	9.65E-06	3.49E-09	1.05E-08	6.10E-09	6.02E-09	5.45E-09	2.49E-09	2.42E-09	1.16E-10	2.81E-09	6.21E-10	8.17E-10	1.30E-09	2.28E-10	1.27E-09	7.16E-09
2748	490510.04	3859310.04	9.75E-06	9.62E-06	9.34E-06	3.38E-09	1.02E-08	5.90E-09	5.82E-09	5.28E-09	2.41E-09	2.34E-09	1.13E-10	2.72E-09	6.01E-10	7.91E-10	1.25E-09	2.21E-10	1.23E-09	6.93E-09
2749	490560.04	3859310.04	9.42E-06	9.29E-06	9.03E-06	3.26E-09	9.84E-09	5.70E-09	5.62E-09	5.10E-09	2.33E-09	2.26E-09	1.09E-10	2.63E-09	5.80E-10	7.64E-10	1.21E-09	2.13E-10	1.19E-09	6.69E-09

2750	490610.04	3859310.04	9.12E-06	9.00E-06	8.74E-06	3.16E-09	9.53E-09	5.52E-09	5.45E-09	4.94E-09	2.25E-09	2.19E-09	1.05E-10	2.55E-09	5.62E-10	7.39E-10	1.17E-09	2.07E-10	1.15E-09	6.48E-09
2751	490660.04	3859310.04	8.78E-06	8.66E-06	8.41E-06	3.04E-09	9.17E-09	5.31E-09	5.24E-09	4.75E-09	2.17E-09	2.11E-09	1.01E-10	2.45E-09	5.41E-10	7.12E-10	1.13E-09	1.99E-10	1.10E-09	6.24E-09
2752	490710.04	3859310.04	8.25E-06	8.14E-06	7.90E-06	2.85E-09	8.62E-09	4.99E-09	4.92E-09	4.46E-09	2.04E-09	1.98E-09	9.53E-11	2.30E-09	5.08E-10	6.69E-10	1.06E-09	1.87E-10	1.04E-09	5.86E-09
2753	490760.04	3859310.04	7.89E-06	7.79E-06	7.57E-06	2.73E-09	8.25E-09	4.78E-09	4.71E-09	4.27E-09	1.95E-09	1.89E-09	9.13E-11	2.20E-09	4.86E-10	6.40E-10	1.02E-09	1.79E-10	9.94E-10	5.61E-09
2754	490810.04	3859310.04	7.66E-06	7.56E-06	7.34E-06	2.65E-09	8.01E-09	4.64E-09	4.58E-09	4.15E-09	1.89E-09	1.84E-09	8.86E-11	2.14E-09	4.72E-10	6.21E-10	9.86E-10	1.74E-10	9.65E-10	5.45E-09
2755	490860.04	3859310.04	7.36E-06	7.26E-06	7.05E-06	2.55E-09	7.69E-09	4.45E-09	4.39E-09	3.98E-09	1.82E-09	1.76E-09	8.50E-11	2.05E-09	4.53E-10	5.97E-10	9.46E-10	1.67E-10	9.26E-10	5.23E-09
2756	490360.04	3859360.04	1.03E-05	1.02E-05	9.91E-06	3.58E-09	1.08E-08	6.26E-09	6.18E-09	5.60E-09	2.56E-09	2.48E-09	1.20E-10	2.89E-09	6.37E-10	8.39E-10	1.33E-09	2.35E-10	1.30E-09	7.35E-09
2757	490410.04	3859360.04	1.00E-05	9.89E-06	9.60E-06	3.47E-09	1.05E-08	6.06E-09	5.98E-09	5.42E-09	2.47E-09	2.40E-09	1.16E-10	2.80E-09	6.17E-10	8.12E-10	1.29E-09	2.27E-10	1.26E-09	7.12E-09
2758	490460.04	3859360.04	9.71E-06	9.59E-06	9.31E-06	3.36E-09	1.02E-08	5.88E-09	5.80E-09	5.26E-09	2.40E-09	2.33E-09	1.12E-10	2.71E-09	5.98E-10	7.88E-10	1.25E-09	2.20E-10	1.22E-09	6.90E-09
2759	490510.04	3859360.04	9.41E-06	9.29E-06	9.02E-06	3.26E-09	9.84E-09	5.70E-09	5.62E-09	5.10E-09	2.33E-09	2.26E-09	1.09E-10	2.63E-09	5.80E-10	7.63E-10	1.21E-09	2.13E-10	1.19E-09	6.69E-09
2760	490560.04	3859360.04	9.08E-06	8.96E-06	8.70E-06	3.14E-09	9.49E-09	5.49E-09	5.42E-09	4.91E-09	2.24E-09	2.18E-09	1.05E-10	2.53E-09	5.59E-10	7.36E-10	1.17E-09	2.06E-10	1.14E-09	6.45E-09
2761	490610.04	3859360.04	8.75E-06	8.63E-06	8.38E-06	3.03E-09	9.14E-09	5.29E-09	5.22E-09	4.74E-09	2.16E-09	2.10E-09	1.01E-10	2.44E-09	5.39E-10	7.09E-10	1.13E-09	1.98E-10	1.10E-09	6.22E-09
2762	490660.04	3859360.04	8.46E-06	8.35E-06	8.11E-06	2.93E-09	8.84E-09	5.12E-09	5.05E-09	4.58E-09	2.09E-09	2.03E-09	9.78E-11	2.36E-09	5.21E-10	6.86E-10	1.09E-09	1.92E-10	1.06E-09	6.01E-09
2763	490710.04	3859360.04	8.10E-06	8.00E-06	7.77E-06	2.80E-09	8.47E-09	4.90E-09	4.84E-09	4.39E-09	2.00E-09	1.94E-09	9.37E-11	2.26E-09	4.99E-10	6.57E-10	1.04E-09	1.84E-10	1.02E-09	5.76E-09
2764	490760.04	3859360.04	7.73E-06	7.63E-06	7.41E-06	2.68E-09	8.08E-09	4.68E-09	4.62E-09	4.18E-09	1.91E-09	1.85E-09	8.94E-11	2.16E-09	4.76E-10	6.27E-10	9.94E-10	1.75E-10	9.73E-10	5.49E-09
2765	490810.04	3859360.04	7.57E-06	7.47E-06	7.25E-06	2.62E-09	7.91E-09	4.58E-09	4.52E-09	4.10E-09	1.87E-09	1.82E-09	8.75E-11	2.11E-09	4.66E-10	6.14E-10	9.74E-10	1.72E-10	9.53E-10	5.38E-09
2766	490860.04	3859360.04	7.31E-06	7.22E-06	7.01E-06	2.53E-09	7.64E-09	4.43E-09	4.37E-09	3.96E-09	1.81E-09	1.75E-09	8.45E-11	2.04E-09	4.51E-10	5.93E-10	9.41E-10	1.66E-10	9.21E-10	5.20E-09
2767	490360.04	3859410.04	9.80E-06	9.68E-06	9.40E-06	3.39E-09	1.02E-08	5.93E-09	5.85E-09	5.31E-09	2.42E-09	2.35E-09	1.13E-10	2.74E-09	6.04E-10	7.95E-10	1.26E-09	2.22E-10	1.23E-09	6.97E-09
2768	490410.04	3859410.04	9.53E-06	9.40E-06	9.13E-06	3.30E-09	9.96E-09	5.76E-09	5.69E-09	5.16E-09	2.35E-09	2.28E-09	1.10E-10	2.66E-09	5.87E-10	7.72E-10	1.23E-09	2.16E-10	1.20E-09	6.77E-09
2769	490460.04	3859410.04	9.25E-06	9.13E-06	8.87E-06	3.20E-09	9.67E-09	5.60E-09	5.52E-09	5.01E-09	2.29E-09	2.22E-09	1.07E-10	2.58E-09	5.70E-10	7.50E-10	1.19E-09	2.10E-10	1.16E-09	6.57E-09
2770	490510.04	3859410.04	8.98E-06	8.86E-06	8.61E-06	3.11E-09	9.39E-09	5.43E-09	5.36E-09	4.86E-09	2.22E-09	2.15E-09	1.04E-10	2.51E-09	5.53E-10	7.28E-10	1.16E-09	2.04E-10	1.13E-09	6.38E-09
2771	490560.04	3859410.04	8.72E-06	8.61E-06	8.36E-06	3.02E-09	9.11E-09	5.28E-09	5.21E-09	4.72E-09	2.15E-09	2.09E-09	1.01E-10	2.43E-09	5.37E-10	7.07E-10	1.12E-09	1.98E-10	1.10E-09	6.20E-09
2772	490610.04	3859410.04	8.46E-06	8.35E-06	8.11E-06	2.93E-09	8.85E-09	5.12E-09	5.05E-09	4.58E-09	2.09E-09	2.03E-09	9.78E-11	2.36E-09	5.21E-10	6.86E-10	1.09E-09	1.92E-10	1.07E-09	6.01E-09
2773	490660.04	3859410.04	8.16E-06	8.05E-06	7.82E-06	2.82E-09	8.53E-09	4.94E-09	4.87E-09	4.42E-09	2.01E-09	1.96E-09	9.43E-11	2.28E-09	5.03E-10	6.61E-10	1.05E-09	1.85E-10	1.03E-09	5.80E-09
2774	490710.04	3859410.04	7.88E-06	7.77E-06	7.55E-06	2.73E-09	8.23E-09	4.77E-09	4.70E-09	4.26E-09	1.95E-09	1.89E-09	9.11E-11	2.20E-09	4.85E-10	6.39E-10	1.01E-09	1.79E-10	9.92E-10	5.60E-09
2775	490760.04	3859410.04	7.54E-06	7.44E-06	7.23E-06	2.61E-09	7.88E-09	4.56E-09	4.50E-09	4.08E-09	1.86E-09	1.81E-09	8.72E-11	2.11E-09	4.65E-10	6.11E-10	9.70E-10	1.71E-10	9.49E-10	5.36E-09
2776	490810.04	3859410.04	7.36E-06	7.27E-06	7.06E-06	2.55E-09	7.70E-09	4.46E-09	4.40E-09	3.99E-09	1.82E-09	1.77E-09	8.51E-11	2.06E-09	4.54E-10	5.97E-10	9.47E-10	1.67E-10	9.27E-10	5.23E-09
2777	490860.04	3859410.04	7.24E-06	7.14E-06	6.94E-06	2.50E-09	7.56E-09	4.38E-09	4.32E-09	3.92E-09	1.79E-09	1.74E-09	8.36E-11	2.02E-09	4.46E-10	5.87E-10	9.31E-10	1.64E-10	9.11E-10	5.14E-09
2778	490360.04	3859460.04	9.27E-06	9.15E-06	8.88E-06	3.21E-09	9.69E-09	5.61E-09	5.53E-09	5.02E-09	2.29E-09	2.22E-09	1.07E-10	2.59E-09	5.71E-10	7.51E-10	1.19E-09	2.10E-10	1.17E-09	6.59E-09
2779	490410.04	3859460.04	9.00E-06	8.88E-06	8.62E-06	3.11E-09	9.40E-09	5.44E-09	5.37E-09	4.87E-09	2.22E-09	2.16E-09	1.04E-10	2.51E-09	5.54E-10	7.30E-10	1.16E-09	2.04E-10	1.13E-09	6.39E-09
2780	490460.04	3859460.04	8.76E-06	8.64E-06	8.39E-06	3.03E-09	9.15E-09	5.30E-09	5.23E-09	4.74E-09	2.16E-09	2.10E-09	1.01E-10	2.44E-09	5.39E-10	7.10E-10	1.13E-09	1.98E-10	1.10E-09	6.22E-09
2781	490510.04	3859460.04	8.52E-06	8.41E-06	8.17E-06	2.95E-09	8.90E-09	5.16E-09	5.09E-09	4.61E-09	2.10E-09	2.04E-09	9.85E-11	2.38E-09	5.25E-10	6.91E-10	1.10E-09	1.93E-10	1.07E-09	6.05E-09
2782	490560.04	3859460.04	8.29E-06	8.19E-06	7.95E-06	2.87E-09	8.67E-09	5.02E-09	4.95E-09	4.49E-09	2.05E-09	1.99E-09	9.59E-11	2.32E-09	5.11E-10	6.72E-10	1.07E-09	1.88E-10	1.04E-09	5.89E-09
2783	490610.04	3859460.04	8.06E-06	7.96E-06	7.73E-06	2.79E-09	8.43E-09	4.88E-09	4.81E-09	4.36E-09	1.99E-09	1.93E-09	9.32E-11	2.25E-09	4.97E-10	6.54E-10	1.04E-09	1.83E-10	1.01E-09	5.73E-09
2784	490660.04	3859460.04	7.83E-06	7.72E-06	7.50E-06	2.71E-09	8.18E-09	4.74E-09	4.67E-09	4.24E-09	1.93E-09	1.88E-09	9.05E-11	2.19E-09	4.82E-10	6.35E-10	1.01E-09	1.77E-10	9.85E-10	5.56E-09
2785	490710.04	3859460.04	7.62E-06	7.52E-06	7.30E-06	2.64E-09	7.97E-09	4.61E-09	4.55E-09	4.13E-09	1.88E-09	1.83E-09	8.81E-11	2.13E-09	4.70E-10	6.18E-10	9.80E-10	1.73E-10	9.59E-10	5.42E-09
2786	490760.04	3859460.04	7.39E-06	7.30E-06	7.09E-06	2.56E-09	7.73E-09	4.47E-09	4.42E-09	4.00E-09	1.83E-09	1.77E-09	8.55E-11	2.06E-09	4.56E-10	5.99E-10	9.51E-10	1.68E-10	9.31E-10	5.25E-09
2787	490810.04	3859460.04	7.18E-06	7.08E-06	6.88E-06	2.48E-09	7.50E-09	4.34E-09	4.29E-09	3.89E-09	1.77E-09	1.72E-09	8.30E-11	2.00E-09	4.42E-10	5.82E-10	9.23E-10	1.63E-10	9.03E-10	5.10E-09
2788	490860.04	3859460.04	7.03E-06	6.94E-06	6.74E-06	2.43E-09	7.35E-09	4.25E-09	4.20E-09	3.81E-09	1.74E-09	1.69E-09	8.13E-11	1.96E-09	4.33E-10	5.70E-10	9.04E-10	1.59E-10	8.85E-10	5.00E-09
2789	490360.04	3859510.04	8.81E-06	8.70E-06	8.45E-06	3.05E-09	9.21E-09	5.33E-09	5.26E-09	4.77E-09	2.18E-09	2.11E-09	1.02E-10	2.46E-09	5.43E-10	7.15E-10	1.13E-09	2.00E-10	1.11E-09	6.26E-09
2790	490410.04	3859510.04	8.53E-06	8.42E-06	8.18E-06	2.95E-09	8.92E-09	5.16E-09	5.10E-09	4.62E-09	2.11E-09	2.05E-09	9.86E-11	2.38E-09	5.26E-10	6.92E-10	1.10E-09	1.93E-10	1.07E-09	6.06E-09
2791	490460.04	3859510.04	8.29E-06	8.18E-06	7.94E-06	2.87E-09	8.66E-09	5.02E-09	4.95E-09	4.49E-09	2.05E-09	1.99E-09	9.58E-11	2.31E-09	5.11E-10	6.72E-10	1.07E-09	1.88E-10	1.04E-09	5.89E-09
2792	490510.04	3859510.04	8.07E-06	7.96E-06	7.73E-06	2.79E-09	8.43E-09	4.88E-09	4.82E-09	4.37E-09	1.99E-09	1.94E-09	9.33E-11	2.25E-09	4.97E-10	6.54E-10	1.04E-09	1.83E-10	1.02E-09	5.73E-09
2793	490560.04	3859510.04	7.87E-06	7.76E-06	7.54E-06	2.72E-09	8.22E-09	4.76E-09	4.70E-09	4.26E-09	1.94E-09	1.89E-09	9.09E-11	2.20E-09	4.85E-10	6.38E-10	1.01E-09	1.78E-10	9.90E-10	5.59E-09
2794	490610.04	3859510.04	7.67E-06	7.57E-06	7.35E-06	2.65E-09	8.01E-09	4.64E-09	4.58E-09	4.15E-09	1.89E-09	1.84E-09	8.86E-11	2.14E-09	4.72E-10	6.22E-10	9.86E-10	1.74E-10	9.65E-10	5.45E-09
2795	490660.04	3859510.04	7.47E-06	7.37E-06	7.16E-06	2.59E-09	7.81E-09	4.52E-09	4.46E-09	4.04E-09	1.85E-09	1.79E-09	8.64E-11	2.09E-09	4.60E-10	6.06E-10	9.61E-10	1.69E-10	9.41E-10	5.31E-09
2796	490710.04	3859510.04	7.28E-06	7.18E-06	6.98E-06	2.52E-09	7.61E-09	4.40E-09	4.35E-09	3.94E-09	1.80E-09	1.75E-09	8.42E-11	2.03E-09	4.49E-10	5.90E-10	9.36E-10	1.65E-10	9.16E-10	5.17E-09
2797	490760.04	3859510.04	7.10E-06	7.00E-06	6.80E-06	2.46E-09	7.42E-09	4.29E-09	4.24E-09	3.84E-09	1.75E-09	1.70E-09	8.20E-11	1.98E-09	4.37E-10	5.75E-10	9.13E-10	1.61E-10	8.93E-10	5.04E-09
2798	490810.04	3859510.04	6.94E-06	6.85E-06	6.65E-06	2.40E-09	7.25E-09	4.20E-09	4.14E-09	3.76E-09	1.71E-09	1.66E-09	8.02E-11	1.94E-09	4.27E-10	5.62E-10	8.92E-10	1.57E-10	8.73E-10	4.93E-09
2799	490860.04	3859510.04	6.77E-06	6.68E-06	6.49E-06	2.34E-09	7.07E-09	4.09E-09	4.04E-09	3.66E-09	1.67E-09	1.62E-09	7.82E-11	1.89E-09	4.17E-10	5.49E-10	8.70E-10	1.53E-10	8.52E-10	4.81E-09
2800	490360.04	3859560.04	8.71E-06	8.59E-06	8.34E-06	3.01E-09	9.10E-09	5.27E-09	5.20E-09	4.71E-09	2.15E-09	2.09E-09	1.01E-10	2.43E-09	5.36E-10	7.06E-10	1.12E-09	1.97E-10	1.10E-09	6.19E-09
2801	490410.04	3859560.04	8.25E-06	8.14E-06	7.90E-06	2.86E-09	8.62E-09	4.99E-09	4.93E-09	4.46E-09	2.04E-09	1.98E-09	9.53E-11	2.30E-09	5.08E-10	6.69E-10	1.06E-09	1.87E-10	1.04E-09	5.86E-09
2802	490460.04	3859560.04	7.93E-06	7.83E-06	7.60E-06	2.74E-09	8.29E-09	4.80E-09	4.73E-09	4.29E-09	1.96E-09	1.90E-09	9.17E-11	2.21E-09	4.89E-10	6.43E-10	1.02E-09	1.80E-10	9.98E-10	5.63E-09

2803	490510.04	3859560.04	7.69E-06	7.59E-06	7.37E-06	2.66E-09	8.03E-09	4.65E-09	4.59E-09	4.16E-09	1.90E-09	1.84E-09	8.88E-11	2.15E-09	4.74E-10	6.23E-10	9.89E-10	1.74E-10	9.67E-10	5.46E-09
2804	490560.04	3859560.04	7.48E-06	7.38E-06	7.17E-06	2.59E-09	7.81E-09	4.52E-09	4.47E-09	4.05E-09	1.85E-09	1.79E-09	8.64E-11	2.09E-09	4.61E-10	6.06E-10	9.62E-10	1.69E-10	9.41E-10	5.31E-09
2805	490610.04	3859560.04	7.29E-06	7.20E-06	6.99E-06	2.52E-09	7.62E-09	4.41E-09	4.35E-09	3.95E-09	1.80E-09	1.75E-09	8.43E-11	2.04E-09	4.49E-10	5.91E-10	9.38E-10	1.65E-10	9.18E-10	5.18E-09
2806	490660.04	3859560.04	7.12E-06	7.03E-06	6.83E-06	2.47E-09	7.44E-09	4.31E-09	4.25E-09	3.86E-09	1.76E-09	1.71E-09	8.23E-11	1.99E-09	4.39E-10	5.77E-10	9.16E-10	1.61E-10	8.96E-10	5.06E-09
2807	490710.04	3859560.04	6.95E-06	6.86E-06	6.66E-06	2.41E-09	7.27E-09	4.21E-09	4.15E-09	3.76E-09	1.72E-09	1.67E-09	8.04E-11	1.94E-09	4.28E-10	5.64E-10	8.94E-10	1.58E-10	8.75E-10	4.94E-09
2808	490760.04	3859560.04	6.78E-06	6.69E-06	6.50E-06	2.35E-09	7.09E-09	4.10E-09	4.05E-09	3.67E-09	1.67E-09	1.63E-09	7.84E-11	1.89E-09	4.18E-10	5.50E-10	8.72E-10	1.54E-10	8.53E-10	4.82E-09
2809	490810.04	3859560.04	6.62E-06	6.54E-06	6.35E-06	2.29E-09	6.92E-09	4.01E-09	3.96E-09	3.59E-09	1.64E-09	1.59E-09	7.66E-11	1.85E-09	4.08E-10	5.37E-10	8.52E-10	1.50E-10	8.34E-10	4.71E-09
2810	490860.04	3859560.04	6.47E-06	6.38E-06	6.20E-06	2.24E-09	6.76E-09	3.91E-09	3.86E-09	3.50E-09	1.60E-09	1.55E-09	7.48E-11	1.81E-09	3.98E-10	5.24E-10	8.32E-10	1.47E-10	8.14E-10	4.60E-09
2811	490187.25	3859422.08	1.08E-05	1.07E-05	1.04E-05	3.75E-09	1.13E-08	6.55E-09	6.47E-09	5.86E-09	2.68E-09	2.60E-09	1.25E-10	3.02E-09	6.67E-10	8.78E-10	1.39E-09	2.46E-10	1.36E-09	7.70E-09
2812	490237.25	3859422.08	1.04E-05	1.03E-05	1.00E-05	3.61E-09	1.09E-08	6.31E-09	6.23E-09	5.65E-09	2.58E-09	2.50E-09	1.21E-10	2.91E-09	6.43E-10	8.46E-10	1.34E-09	2.37E-10	1.31E-09	7.42E-09
2813	490287.25	3859422.08	1.01E-05	9.98E-06	9.69E-06	3.50E-09	1.06E-08	6.12E-09	6.04E-09	5.47E-09	2.50E-09	2.42E-09	1.17E-10	2.82E-09	6.23E-10	8.20E-10	1.30E-09	2.29E-10	1.27E-09	7.18E-09
2814	490337.25	3859422.08	9.80E-06	9.67E-06	9.39E-06	3.39E-09	1.02E-08	5.93E-09	5.85E-09	5.31E-09	2.42E-09	2.35E-09	1.13E-10	2.74E-09	6.04E-10	7.95E-10	1.26E-09	2.22E-10	1.23E-09	6.96E-09
2815	490187.25	3859472.08	1.05E-05	1.04E-05	1.01E-05	3.64E-09	1.10E-08	6.36E-09	6.28E-09	5.69E-09	2.60E-09	2.52E-09	1.22E-10	2.94E-09	6.48E-10	8.52E-10	1.35E-09	2.38E-10	1.32E-09	7.47E-09
2816	490237.25	3859472.08	9.98E-06	9.85E-06	9.57E-06	3.46E-09	1.04E-08	6.04E-09	5.96E-09	5.40E-09	2.47E-09	2.39E-09	1.15E-10	2.79E-09	6.15E-10	8.10E-10	1.28E-09	2.26E-10	1.26E-09	7.10E-09
2817	490287.25	3859472.08	9.59E-06	9.46E-06	9.19E-06	3.32E-09	1.00E-08	5.80E-09	5.73E-09	5.19E-09	2.37E-09	2.30E-09	1.11E-10	2.68E-09	5.91E-10	7.77E-10	1.23E-09	2.17E-10	1.21E-09	6.81E-09
2818	490337.25	3859472.08	9.27E-06	9.15E-06	8.89E-06	3.21E-09	9.69E-09	5.61E-09	5.54E-09	5.02E-09	2.29E-09	2.22E-09	1.07E-10	2.59E-09	5.71E-10	7.52E-10	1.19E-09	2.10E-10	1.17E-09	6.59E-09
2819	490297.07	3859500.42	9.32E-06	9.20E-06	8.93E-06	3.23E-09	9.74E-09	5.64E-09	5.57E-09	5.05E-09	2.30E-09	2.24E-09	1.08E-10	2.60E-09	5.74E-10	7.56E-10	1.20E-09	2.11E-10	1.17E-09	6.62E-09
2820	490327.07	3859500.42	9.10E-06	8.98E-06	8.72E-06	3.15E-09	9.51E-09	5.51E-09	5.43E-09	4.93E-09	2.25E-09	2.18E-09	1.05E-10	2.54E-09	5.61E-10	7.38E-10	1.17E-09	2.06E-10	1.15E-09	6.47E-09
2821	490297.07	3859530.42	9.30E-06	9.18E-06	8.91E-06	3.22E-09	9.72E-09	5.63E-09	5.55E-09	5.03E-09	2.30E-09	2.23E-09	1.07E-10	2.60E-09	5.73E-10	7.54E-10	1.20E-09	2.11E-10	1.17E-09	6.61E-09
2822	490327.07	3859530.42	8.98E-06	8.86E-06	8.60E-06	3.11E-09	9.38E-09	5.43E-09	5.36E-09	4.86E-09	2.22E-09	2.15E-09	1.04E-10	2.51E-09	5.53E-10	7.28E-10	1.15E-09	2.03E-10	1.13E-09	6.38E-09
2823	490319.73	3859055.34	1.45E-05	1.43E-05	1.39E-05	5.03E-09	1.52E-08	8.78E-09	8.67E-09	7.86E-09	3.59E-09	3.48E-09	1.68E-10	4.05E-09	8.95E-10	1.18E-09	1.87E-09	3.29E-10	1.83E-09	1.03E-08
2824	490319.73	3859105.34	1.38E-05	1.36E-05	1.32E-05	4.77E-09	1.44E-08	8.33E-09	8.22E-09	7.45E-09	3.40E-09	3.30E-09	1.59E-10	3.84E-09	8.48E-10	1.12E-09	1.77E-09	3.12E-10	1.73E-09	9.78E-09
2825	490069.73	3859155.34	1.56E-05	1.54E-05	1.50E-05	5.40E-09	1.63E-08	9.44E-09	9.32E-09	8.45E-09	3.86E-09	3.74E-09	1.80E-10	4.36E-09	9.62E-10	1.27E-09	2.01E-09	3.54E-10	1.96E-09	1.11E-08
2826	490119.73	3859155.34	1.51E-05	1.49E-05	1.44E-05	5.21E-09	1.57E-08	9.11E-09	8.99E-09	8.15E-09	3.72E-09	3.61E-09	1.74E-10	4.20E-09	9.27E-10	1.22E-09	1.94E-09	3.41E-10	1.89E-09	1.07E-08
2827	490269.73	3859155.34	1.36E-05	1.34E-05	1.30E-05	4.71E-09	1.42E-08	8.23E-09	8.13E-09	7.37E-09	3.36E-09	3.26E-09	1.57E-10	3.80E-09	8.38E-10	1.10E-09	1.75E-09	3.08E-10	1.71E-09	9.67E-09
2828	490319.73	3859155.34	1.31E-05	1.29E-05	1.26E-05	4.53E-09	1.37E-08	7.93E-09	7.82E-09	7.09E-09	3.24E-09	3.14E-09	1.51E-10	3.66E-09	8.07E-10	1.06E-09	1.69E-09	2.97E-10	1.65E-09	9.31E-09
2829	490069.73	3859205.34	1.49E-05	1.47E-05	1.42E-05	5.14E-09	1.55E-08	8.99E-09	8.87E-09	8.05E-09	3.67E-09	3.56E-09	1.72E-10	4.15E-09	9.16E-10	1.20E-09	1.91E-09	3.37E-10	1.87E-09	1.06E-08
2830	490119.73	3859205.34	1.43E-05	1.41E-05	1.37E-05	4.96E-09	1.50E-08	8.67E-09	8.56E-09	7.76E-09	3.54E-09	3.44E-09	1.66E-10	4.00E-09	8.83E-10	1.16E-09	1.84E-09	3.25E-10	1.80E-09	1.02E-08
2831	490169.73	3859205.34	1.38E-05	1.37E-05	1.33E-05	4.79E-09	1.45E-08	8.38E-09	8.27E-09	7.49E-09	3.42E-09	3.32E-09	1.60E-10	3.87E-09	8.53E-10	1.12E-09	1.78E-09	3.14E-10	1.74E-09	9.84E-09
2832	490219.73	3859205.34	1.34E-05	1.32E-05	1.28E-05	4.63E-09	1.40E-08	8.10E-09	7.99E-09	7.25E-09	3.31E-09	3.21E-09	1.55E-10	3.74E-09	8.25E-10	1.09E-09	1.72E-09	3.03E-10	1.68E-09	9.51E-09
2833	490269.73	3859205.34	1.29E-05	1.27E-05	1.23E-05	4.46E-09	1.35E-08	7.79E-09	7.69E-09	6.97E-09	3.18E-09	3.09E-09	1.49E-10	3.60E-09	7.93E-10	1.04E-09	1.66E-09	2.92E-10	1.62E-09	9.15E-09
2834	490319.73	3859205.34	1.24E-05	1.23E-05	1.19E-05	4.30E-09	1.30E-08	7.52E-09	7.42E-09	6.73E-09	3.07E-09	2.98E-09	1.44E-10	3.47E-09	7.66E-10	1.01E-09	1.60E-09	2.82E-10	1.56E-09	8.83E-09
2835	490069.73	3859255.34	1.41E-05	1.39E-05	1.35E-05	4.89E-09	1.48E-08	8.55E-09	8.44E-09	7.65E-09	3.49E-09	3.39E-09	1.63E-10	3.95E-09	8.71E-10	1.15E-09	1.82E-09	3.20E-10	1.78E-09	1.00E-08
2836	490119.73	3859255.34	1.36E-05	1.34E-05	1.30E-05	4.71E-09	1.42E-08	8.24E-09	8.13E-09	7.37E-09	3.36E-09	3.27E-09	1.57E-10	3.80E-09	8.39E-10	1.10E-09	1.75E-09	3.09E-10	1.71E-09	9.67E-09
2837	490169.73	3859255.34	1.31E-05	1.30E-05	1.26E-05	4.55E-09	1.37E-08	7.95E-09	7.85E-09	7.12E-09	3.25E-09	3.15E-09	1.52E-10	3.67E-09	8.10E-10	1.07E-09	1.69E-09	2.98E-10	1.65E-09	9.34E-09
2838	490219.73	3859255.34	1.27E-05	1.25E-05	1.22E-05	4.40E-09	1.33E-08	7.69E-09	7.59E-09	6.88E-09	3.14E-09	3.05E-09	1.47E-10	3.55E-09	7.83E-10	1.03E-09	1.63E-09	2.88E-10	1.60E-09	9.03E-09
2839	490269.73	3859255.34	1.23E-05	1.21E-05	1.17E-05	4.24E-09	1.28E-08	7.42E-09	7.32E-09	6.64E-09	3.03E-09	2.94E-09	1.42E-10	3.42E-09	7.55E-10	9.94E-10	1.58E-09	2.78E-10	1.54E-09	8.71E-09
2840	490319.73	3859255.34	1.18E-05	1.17E-05	1.13E-05	4.10E-09	1.24E-08	7.16E-09	7.07E-09	6.41E-09	2.92E-09	2.84E-09	1.37E-10	3.31E-09	7.29E-10	9.60E-10	1.52E-09	2.68E-10	1.49E-09	8.41E-09
2841	490069.73	3859305.34	1.34E-05	1.32E-05	1.29E-05	4.64E-09	1.40E-08	8.12E-09	8.01E-09	7.26E-09	3.31E-09	3.22E-09	1.55E-10	3.75E-09	8.27E-10	1.09E-09	1.73E-09	3.04E-10	1.69E-09	9.54E-09
2842	490119.73	3859305.34	1.29E-05	1.27E-05	1.24E-05	4.47E-09	1.35E-08	7.81E-09	7.71E-09	6.99E-09	3.19E-09	3.10E-09	1.49E-10	3.60E-09	7.95E-10	1.05E-09	1.66E-09	2.93E-10	1.63E-09	9.17E-09
2843	490169.73	3859305.34	1.25E-05	1.23E-05	1.19E-05	4.31E-09	1.30E-08	7.54E-09	7.44E-09	6.74E-09	3.08E-09	2.99E-09	1.44E-10	3.48E-09	7.67E-10	1.01E-09	1.60E-09	2.82E-10	1.57E-09	8.85E-09
2844	490219.73	3859305.34	1.20E-05	1.19E-05	1.15E-05	4.17E-09	1.26E-08	7.29E-09	7.19E-09	6.52E-09	2.97E-09	2.89E-09	1.39E-10	3.36E-09	7.42E-10	9.76E-10	1.55E-09	2.73E-10	1.52E-09	8.56E-09
2845	490269.73	3859305.34	1.17E-05	1.15E-05	1.12E-05	4.03E-09	1.22E-08	7.05E-09	6.96E-09	6.31E-09	2.88E-09	2.79E-09	1.35E-10	3.25E-09	7.18E-10	9.45E-10	1.50E-09	2.64E-10	1.47E-09	8.28E-09
2846	490319.73	3859305.34	1.12E-05	1.11E-05	1.08E-05	3.89E-09	1.18E-08	6.80E-09	6.72E-09	6.09E-09	2.78E-09	2.70E-09	1.30E-10	3.14E-09	6.93E-10	9.12E-10	1.45E-09	2.55E-10	1.42E-09	7.99E-09
2847	490069.73	3859355.34	1.27E-05	1.26E-05	1.22E-05	4.41E-09	1.33E-08	7.71E-09	7.61E-09	6.90E-09	3.15E-09	3.06E-09	1.47E-10	3.56E-09	7.85E-10	1.03E-09	1.64E-09	2.89E-10	1.60E-09	9.06E-09
2848	490119.73	3859355.34	1.22E-05	1.21E-05	1.17E-05	4.23E-09	1.28E-08	7.40E-09	7.30E-09	6.62E-09	3.02E-09	2.93E-09	1.41E-10	3.41E-09	7.53E-10	9.91E-10	1.57E-09	2.77E-10	1.54E-09	8.69E-09
2849	490169.73	3859355.34	1.18E-05	1.16E-05	1.13E-05	4.08E-09	1.23E-08	7.13E-09	7.03E-09	6.38E-09	2.91E-09	2.82E-09	1.36E-10	3.29E-09	7.26E-10	9.55E-10	1.51E-09	2.67E-10	1.48E-09	8.37E-09
2850	490219.73	3859355.34	1.14E-05	1.12E-05	1.09E-05	3.94E-09	1.19E-08	6.89E-09	6.80E-09	6.16E-09	2.81E-09	2.73E-09	1.32E-10	3.18E-09	7.02E-10	9.23E-10	1.46E-09	2.58E-10	1.43E-09	8.09E-09
2851	490269.73	3859355.34	1.10E-05	1.09E-05	1.06E-05	3.82E-09	1.15E-08	6.67E-09	6.58E-09	5.97E-09	2.72E-09	2.64E-09	1.27E-10	3.08E-09	6.79E-10	8.94E-10	1.42E-09	2.50E-10	1.39E-09	7.83E-09
2852	490319.73	3859355.34	1.07E-05	1.05E-05	1.02E-05	3.70E-09	1.12E-08	6.46E-09	6.38E-09	5.78E-09	2.64E-09	2.56E-09	1.23E-10	2.98E-09	6.58E-10	8.66E-10	1.37E-09	2.42E-10	1.34E-09	7.59E-09
2853	490069.73	3859405.34	1.23E-05	1.21E-05	1.17E-05	4.24E-09	1.28E-08	7.41E-09	7.32E-09	6.63E-09	3.03E-09	2.94E-09	1.42E-10	3.42E-09	7.55E-10	9.93E-10	1.58E-09	2.78E-10	1.54E-09	8.71E-09
2854	490119.73	3859405.34	1.16E-05	1.15E-05	1.12E-05	4.03E-09	1.22E-08	7.05E-09	6.95E-09	6.30E-09	2.88E-09	2.79E-09	1.35E-10	3.25E-09	7.17E-10	9.44E-10	1.50E-09	2.64E-10	1.47E-09	8.28E-09
2855	490169.73	3859405.34	1.12E-05	1.10E-05	1.07E-05	3.86E-09	1.17E-08	6.75E-09	6.67E-09	6.04E-09	2.76E-09	2.68E-09	1.29E-10	3.12E-09	6.88E-10	9.05E-10	1.44E-09	2.53E-10	1.41E-09	7.93E-09

2856	490219.73	3859405.34	1.08E-05	1.06E-05	1.03E-05	3.72E-09	1.12E-08	6.51E-09	6.42E-09	5.82E-09	2.66E-09	2.58E-09	1.24E-10	3.00E-09	6.63E-10	8.72E-10	1.38E-09	2.44E-10	1.35E-09	7.64E-09
2857	490269.73	3859405.34	1.04E-05	1.03E-05	9.98E-06	3.61E-09	1.09E-08	6.30E-09	6.22E-09	5.64E-09	2.57E-09	2.50E-09	1.20E-10	2.91E-09	6.42E-10	8.45E-10	1.34E-09	2.36E-10	1.31E-09	7.40E-09
2858	490319.73	3859405.34	1.01E-05	9.96E-06	9.67E-06	3.49E-09	1.06E-08	6.11E-09	6.03E-09	5.46E-09	2.49E-09	2.42E-09	1.17E-10	2.82E-09	6.22E-10	8.18E-10	1.30E-09	2.29E-10	1.27E-09	7.17E-09
2859	490161.89	3859541.83	9.15E-06	9.03E-06	8.76E-06	3.17E-09	9.56E-09	5.53E-09	5.46E-09	4.95E-09	2.26E-09	2.19E-09	1.06E-10	2.55E-09	5.63E-10	7.41E-10	1.18E-09	2.07E-10	1.15E-09	6.50E-09
2860	490171.89	3859541.83	9.17E-06	9.05E-06	8.79E-06	3.17E-09	9.58E-09	5.55E-09	5.48E-09	4.96E-09	2.26E-09	2.20E-09	1.06E-10	2.56E-09	5.65E-10	7.43E-10	1.18E-09	2.08E-10	1.15E-09	6.52E-09
2861	490161.89	3859551.83	8.90E-06	8.79E-06	8.53E-06	3.08E-09	9.31E-09	5.39E-09	5.32E-09	4.82E-09	2.20E-09	2.14E-09	1.03E-10	2.49E-09	5.49E-10	7.22E-10	1.15E-09	2.02E-10	1.12E-09	6.33E-09
2862	490171.89	3859551.83	8.91E-06	8.79E-06	8.53E-06	3.08E-09	9.31E-09	5.39E-09	5.32E-09	4.82E-09	2.20E-09	2.14E-09	1.03E-10	2.49E-09	5.49E-10	7.22E-10	1.15E-09	2.02E-10	1.12E-09	6.33E-09
2863	489799.72	3859348.21	1.65E-05	1.63E-05	1.58E-05	5.72E-09	1.73E-08	1.00E-08	9.87E-09	8.95E-09	4.08E-09	3.97E-09	1.91E-10	4.62E-09	1.02E-09	1.34E-09	2.13E-09	3.75E-10	2.08E-09	1.18E-08
2864	489819.72	3859348.21	1.64E-05	1.61E-05	1.57E-05	5.66E-09	1.71E-08	9.89E-09	9.77E-09	8.85E-09	4.04E-09	3.92E-09	1.89E-10	4.57E-09	1.01E-09	1.33E-09	2.10E-09	3.71E-10	2.06E-09	1.16E-08
2865	489799.72	3859368.21	1.60E-05	1.58E-05	1.53E-05	5.54E-09	1.67E-08	9.68E-09	9.56E-09	8.66E-09	3.95E-09	3.84E-09	1.85E-10	4.47E-09	9.86E-10	1.30E-09	2.06E-09	3.63E-10	2.01E-09	1.14E-08
2866	489819.72	3859368.21	1.57E-05	1.55E-05	1.51E-05	5.44E-09	1.64E-08	9.51E-09	9.39E-09	8.51E-09	3.88E-09	3.77E-09	1.82E-10	4.39E-09	9.68E-10	1.27E-09	2.02E-09	3.56E-10	1.98E-09	1.12E-08
2867	489775.41	3859329.72	1.74E-05	1.72E-05	1.67E-05	6.02E-09	1.82E-08	1.05E-08	1.04E-08	9.42E-09	4.30E-09	4.17E-09	2.01E-10	4.86E-09	1.07E-09	1.41E-09	2.24E-09	3.94E-10	2.19E-09	1.24E-08
2868	489795.41	3859329.72	1.72E-05	1.70E-05	1.65E-05	5.95E-09	1.80E-08	1.04E-08	1.03E-08	9.31E-09	4.25E-09	4.13E-09	1.99E-10	4.80E-09	1.06E-09	1.39E-09	2.21E-09	3.90E-10	2.17E-09	1.22E-08
2869	489775.41	3859349.72	1.69E-05	1.66E-05	1.62E-05	5.84E-09	1.76E-08	1.02E-08	1.01E-08	9.13E-09	4.17E-09	4.05E-09	1.95E-10	4.71E-09	1.04E-09	1.37E-09	2.17E-09	3.82E-10	2.12E-09	1.20E-08
2870	489795.41	3859349.72	1.66E-05	1.63E-05	1.59E-05	5.73E-09	1.73E-08	1.00E-08	9.88E-09	8.96E-09	4.09E-09	3.97E-09	1.91E-10	4.62E-09	1.02E-09	1.34E-09	2.13E-09	3.75E-10	2.08E-09	1.18E-08
2871	489595.05	3859219.43	2.45E-05	2.42E-05	2.35E-05	8.47E-09	2.56E-08	1.48E-08	1.46E-08	1.32E-08	6.05E-09	5.87E-09	2.83E-10	6.83E-09	1.51E-09	1.98E-09	3.15E-09	5.55E-10	3.08E-09	1.74E-08
2872	489615.05	3859219.43	2.38E-05	2.35E-05	2.28E-05	8.24E-09	2.49E-08	1.44E-08	1.42E-08	1.29E-08	5.88E-09	5.71E-09	2.75E-10	6.65E-09	1.47E-09	1.93E-09	3.06E-09	5.40E-10	3.00E-09	1.69E-08
2873	489595.05	3859239.43	2.41E-05	2.37E-05	2.30E-05	8.33E-09	2.51E-08	1.46E-08	1.44E-08	1.30E-08	5.94E-09	5.77E-09	2.78E-10	6.72E-09	1.48E-09	1.95E-09	3.09E-09	5.45E-10	3.03E-09	1.71E-08
2874	489615.05	3859239.43	2.33E-05	2.30E-05	2.24E-05	8.07E-09	2.44E-08	1.41E-08	1.39E-08	1.26E-08	5.76E-09	5.59E-09	2.70E-10	6.51E-09	1.44E-09	1.89E-09	3.00E-09	5.29E-10	2.94E-09	1.66E-08
2875	489372.4	3859092.58	4.63E-05	4.57E-05	4.44E-05	1.60E-08	4.84E-08	2.80E-08	2.76E-08	2.51E-08	1.14E-08	1.11E-08	5.35E-10	1.29E-08	2.85E-09	3.75E-09	5.95E-09	1.05E-09	5.83E-09	3.29E-08
2876	489422.4	3859092.58	3.93E-05	3.88E-05	3.77E-05	1.36E-08	4.11E-08	2.38E-08	2.35E-08	2.13E-08	9.72E-09	9.43E-09	4.55E-10	1.10E-08	2.42E-09	3.19E-09	5.06E-09	8.92E-10	4.95E-09	2.80E-08
2877	489372.4	3859142.58	4.45E-05	4.40E-05	4.27E-05	1.54E-08	4.66E-08	2.70E-08	2.66E-08	2.41E-08	1.10E-08	1.07E-08	5.15E-10	1.24E-08	2.74E-09	3.61E-09	5.73E-09	1.01E-09	5.61E-09	3.17E-08
2878	489422.4	3859142.58	3.76E-05	3.71E-05	3.60E-05	1.30E-08	3.93E-08	2.28E-08	2.25E-08	2.04E-08	9.29E-09	9.02E-09	4.35E-10	1.05E-08	2.32E-09	3.05E-09	4.84E-09	8.53E-10	4.73E-09	2.67E-08
2879	488870.84	3858666.64	5.30E-05	5.23E-05	5.08E-05	1.83E-08	5.54E-08	3.21E-08	3.16E-08	2.87E-08	1.31E-08	1.27E-08	6.12E-10	1.48E-08	3.26E-09	4.30E-09	6.81E-09	1.20E-09	6.67E-09	3.77E-08
2880	488900.84	3858666.64	7.68E-05	7.58E-05	7.36E-05	2.66E-08	8.03E-08	4.65E-08	4.59E-08	4.16E-08	1.90E-08	1.84E-08	8.88E-10	2.14E-08	4.73E-09	6.23E-09	9.88E-09	1.74E-09	9.67E-09	5.46E-08
2881	488870.84	3858696.64	4.08E-05	4.03E-05	3.91E-05	1.41E-08	4.26E-08	2.47E-08	2.44E-08	2.21E-08	1.01E-08	9.79E-09	4.72E-10	1.14E-08	2.51E-09	3.31E-09	5.25E-09	9.25E-10	5.14E-09	2.90E-08
2882	488900.84	3858696.64	5.20E-05	5.14E-05	4.99E-05	1.80E-08	5.44E-08	3.15E-08	3.11E-08	2.82E-08	1.29E-08	1.25E-08	6.01E-10	1.45E-08	3.21E-09	4.22E-09	6.69E-09	1.18E-09	6.55E-09	3.70E-08
2883	488889.67	3858683.97	5.33E-05	5.26E-05	5.11E-05	1.85E-08	5.57E-08	3.23E-08	3.18E-08	2.89E-08	1.32E-08	1.28E-08	6.16E-10	1.49E-08	3.28E-09	4.32E-09	6.86E-09	1.21E-09	6.71E-09	3.79E-08
2884	488919.67	3858683.97	7.67E-05	7.57E-05	7.35E-05	2.66E-08	8.02E-08	4.64E-08	4.58E-08	4.15E-08	1.89E-08	1.84E-08	8.87E-10	2.14E-08	4.73E-09	6.22E-09	9.87E-09	1.74E-09	9.66E-09	5.45E-08
2885	488889.67	3858713.97	4.11E-05	4.05E-05	3.94E-05	1.42E-08	4.29E-08	2.49E-08	2.45E-08	2.22E-08	1.01E-08	9.85E-09	4.75E-10	1.15E-08	2.53E-09	3.33E-09	5.28E-09	9.31E-10	5.17E-09	2.92E-08
2886	488919.67	3858713.97	5.23E-05	5.16E-05	5.01E-05	1.81E-08	5.47E-08	3.16E-08	3.12E-08	2.83E-08	1.29E-08	1.25E-08	6.05E-10	1.46E-08	3.22E-09	4.24E-09	6.73E-09	1.19E-09	6.58E-09	3.72E-08
2887	488906.61	3858703.33	5.13E-05	5.07E-05	4.92E-05	1.78E-08	5.37E-08	3.11E-08	3.07E-08	2.78E-08	1.27E-08	1.23E-08	5.94E-10	1.43E-08	3.16E-09	4.16E-09	6.60E-09	1.16E-09	6.46E-09	3.65E-08
2888	488936.61	3858703.33	7.27E-05	7.18E-05	6.97E-05	2.52E-08	7.60E-08	4.40E-08	4.34E-08	3.94E-08	1.80E-08	1.74E-08	8.41E-10	2.03E-08	4.48E-09	5.90E-09	9.35E-09	1.65E-09	9.15E-09	5.17E-08
2889	488906.61	3858733.33	4.05E-05	4.00E-05	3.88E-05	1.40E-08	4.23E-08	2.45E-08	2.42E-08	2.19E-08	1.00E-08	9.72E-09	4.68E-10	1.13E-08	2.50E-09	3.28E-09	5.21E-09	9.18E-10	5.10E-09	2.88E-08
2890	488936.61	3858733.33	5.10E-05	5.03E-05	4.88E-05	1.76E-08	5.33E-08	3.08E-08	3.04E-08	2.76E-08	1.26E-08	1.22E-08	5.89E-10	1.42E-08	3.14E-09	4.13E-09	6.55E-09	1.16E-09	6.42E-09	3.62E-08
2891	488637.63	3858467.85	4.41E-05	4.35E-05	4.23E-05	1.53E-08	4.61E-08	2.67E-08	2.63E-08	2.39E-08	1.09E-08	1.06E-08	5.10E-10	1.23E-08	2.72E-09	3.57E-09	5.67E-09	9.99E-10	5.55E-09	3.13E-08
2892	488662.63	3858467.85	5.56E-05	5.49E-05	5.33E-05	1.93E-08	5.81E-08	3.37E-08	3.32E-08	3.01E-08	1.37E-08	1.33E-08	6.43E-10	1.55E-08	3.43E-09	4.51E-09	7.16E-09	1.26E-09	7.00E-09	3.95E-08
2893	488637.63	3858492.85	3.60E-05	3.56E-05	3.45E-05	1.25E-08	3.77E-08	2.18E-08	2.15E-08	1.95E-08	8.90E-09	8.64E-09	4.17E-10	1.01E-08	2.22E-09	2.92E-09	4.63E-09	8.17E-10	4.54E-09	2.56E-08
2894	488662.63	3858492.85	4.30E-05	4.24E-05	4.12E-05	1.49E-08	4.49E-08	2.60E-08	2.57E-08	2.33E-08	1.06E-08	1.03E-08	4.97E-10	1.20E-08	2.65E-09	3.48E-09	5.53E-09	9.74E-10	5.41E-09	3.05E-08
2895	488687.63	3858492.85	5.43E-05	5.36E-05	5.20E-05	1.88E-08	5.68E-08	3.29E-08	3.24E-08	2.94E-08	1.34E-08	1.30E-08	6.28E-10	1.52E-08	3.35E-09	4.40E-09	6.98E-09	1.23E-09	6.84E-09	3.86E-08
2896	488637.63	3858517.85	3.06E-05	3.02E-05	2.93E-05	1.06E-08	3.20E-08	1.85E-08	1.83E-08	1.66E-08	7.56E-09	7.34E-09	3.54E-10	8.54E-09	1.88E-09	2.48E-09	3.93E-09	6.93E-10	3.85E-09	2.17E-08
2897	488662.63	3858517.85	3.53E-05	3.48E-05	3.38E-05	1.22E-08	3.69E-08	2.14E-08	2.11E-08	1.91E-08	8.72E-09	8.47E-09	4.08E-10	9.86E-09	2.17E-09	2.86E-09	4.54E-09	8.00E-10	4.44E-09	2.51E-08
2898	488687.63	3858517.85	4.20E-05	4.14E-05	4.02E-05	1.45E-08	4.39E-08	2.54E-08	2.51E-08	2.27E-08	1.04E-08	1.01E-08	4.85E-10	1.17E-08	2.59E-09	3.40E-09	5.40E-09	9.51E-10	5.28E-09	2.98E-08
2899	488194.42	3857168.98	1.72E-06	1.69E-06	1.64E-06	5.94E-10	1.79E-09	1.04E-09	1.02E-09	9.29E-10	4.24E-10	4.11E-10	1.98E-11	4.79E-10	1.06E-10	1.39E-10	2.21E-10	3.89E-11	2.16E-10	1.22E-09
2900	488244.42	3857168.98	1.74E-06	1.72E-06	1.67E-06	6.04E-10	1.82E-09	1.05E-09	1.04E-09	9.44E-10	4.31E-10	4.18E-10	2.02E-11	4.87E-10	1.07E-10	1.41E-10	2.24E-10	3.95E-11	2.19E-10	1.24E-09
2901	488294.42	3857168.98	1.76E-06	1.74E-06	1.69E-06	6.11E-10	1.84E-09	1.07E-09	1.05E-09	9.55E-10	4.36E-10	4.23E-10	2.04E-11	4.93E-10	1.09E-10	1.43E-10	2.27E-10	4.00E-11	2.22E-10	1.25E-09
2902	488244.42	3857218.98	1.82E-06	1.80E-06	1.75E-06	6.31E-10	1.91E-09	1.10E-09	1.09E-09	9.87E-10	4.50E-10	4.37E-10	2.11E-11	5.09E-10	1.12E-10	1.48E-10	2.35E-10	4.13E-11	2.30E-10	1.30E-09
2903	488294.42	3857218.98	1.85E-06	1.82E-06	1.77E-06	6.40E-10	1.93E-09	1.12E-09	1.10E-09	1.00E-09	4.57E-10	4.43E-10	2.14E-11	5.16E-10	1.14E-10	1.50E-10	2.38E-10	4.19E-11	2.33E-10	1.31E-09
2904	488294.42	3857268.98	1.95E-06	1.92E-06	1.87E-06	6.74E-10	2.03E-09	1.18E-09	1.16E-09	1.05E-09	4.81E-10	4.67E-10	2.25E-11	5.43E-10	1.20E-10	1.58E-10	2.50E-10	4.41E-11	2.45E-10	1.38E-09
2905	488139.13	3857111.68	1.61E-06	1.59E-06	1.54E-06	5.56E-10	1.68E-09	9.72E-10	9.59E-10	8.69E-10	3.97E-10	3.85E-10	1.86E-11	4.48E-10	9.90E-11	1.30E-10	2.07E-10	3.64E-11	2.02E-10	1.14E-09
2906	488189.13	3857111.68	1.64E-06	1.62E-06	1.57E-06	5.67E-10	1.71E-09	9.91E-10	9.78E-10	8.87E-10	4.05E-10	3.93E-10	1.89E-11	4.57E-10	1.01E-10	1.33E-10	2.11E-10	3.71E-11	2.06E-10	1.16E-09
2907	488189.13	3857161.68	1.70E-06	1.68E-06	1.63E-06	5.89E-10	1.78E-09	1.03E-09	1.02E-09	9.22E-10	4.21E-10	4.08E-10	1.97E-11	4.75E-10	1.05E-10	1.38E-10	2.19E-10	3.86E-11	2.14E-10	1.21E-09
2908	487951.04	3856961.26	1.35E-06	1.33E-06	1.29E-06	4.67E-10	1.41E-09	8.17E-10	8.06E-10	7.31E-10	3.34E-10	3.24E-10	1.56E-11	3.77E-10	8.32E-11	1.09E-10	1.74E-10	3.06E-11	1.70E-10	9.60E-10

2909	488001.04	3856961.26	1.37E-06	1.35E-06	1.31E-06	4.75E-10	1.43E-09	8.30E-10	8.19E-10	7.42E-10	3.39E-10	3.29E-10	1.58E-11	3.83E-10	8.45E-11	1.11E-10	1.76E-10	3.11E-11	1.73E-10	9.74E-10
2910	488051.04	3856961.26	1.38E-06	1.37E-06	1.33E-06	4.79E-10	1.45E-09	8.37E-10	8.26E-10	7.49E-10	3.42E-10	3.32E-10	1.60E-11	3.86E-10	8.52E-11	1.12E-10	1.78E-10	3.14E-11	1.74E-10	9.83E-10
2911	488101.04	3856961.26	1.41E-06	1.40E-06	1.36E-06	4.90E-10	1.48E-09	8.56E-10	8.45E-10	7.66E-10	3.49E-10	3.39E-10	1.64E-11	3.95E-10	8.72E-11	1.15E-10	1.82E-10	3.21E-11	1.78E-10	1.01E-09
2912	487951.04	3857011.26	1.41E-06	1.39E-06	1.35E-06	4.88E-10	1.47E-09	8.53E-10	8.41E-10	7.63E-10	3.48E-10	3.38E-10	1.63E-11	3.93E-10	8.68E-11	1.14E-10	1.81E-10	3.19E-11	1.77E-10	1.00E-09
2913	488001.04	3857011.26	1.42E-06	1.40E-06	1.36E-06	4.92E-10	1.49E-09	8.60E-10	8.49E-10	7.69E-10	3.51E-10	3.41E-10	1.64E-11	3.97E-10	8.76E-11	1.15E-10	1.83E-10	3.22E-11	1.79E-10	1.01E-09
2914	488051.04	3857011.26	1.44E-06	1.42E-06	1.38E-06	4.97E-10	1.50E-09	8.69E-10	8.58E-10	7.77E-10	3.55E-10	3.44E-10	1.66E-11	4.01E-10	8.85E-11	1.16E-10	1.85E-10	3.26E-11	1.81E-10	1.02E-09
2915	488101.04	3857011.26	1.47E-06	1.45E-06	1.41E-06	5.09E-10	1.54E-09	8.89E-10	8.77E-10	7.95E-10	3.63E-10	3.52E-10	1.70E-11	4.10E-10	9.05E-11	1.19E-10	1.89E-10	3.33E-11	1.85E-10	1.04E-09
2916	488001.04	3857061.26	1.48E-06	1.46E-06	1.42E-06	5.12E-10	1.55E-09	8.96E-10	8.84E-10	8.01E-10	3.66E-10	3.55E-10	1.71E-11	4.13E-10	9.12E-11	1.20E-10	1.90E-10	3.36E-11	1.86E-10	1.05E-09
2917	488051.04	3857061.26	1.50E-06	1.48E-06	1.44E-06	5.20E-10	1.57E-09	9.10E-10	8.98E-10	8.14E-10	3.71E-10	3.61E-10	1.74E-11	4.20E-10	9.26E-11	1.22E-10	1.93E-10	3.41E-11	1.89E-10	1.07E-09
2918	488101.04	3857061.26	1.53E-06	1.51E-06	1.47E-06	5.30E-10	1.60E-09	9.26E-10	9.14E-10	8.28E-10	3.78E-10	3.67E-10	1.77E-11	4.27E-10	9.43E-11	1.24E-10	1.97E-10	3.47E-11	1.93E-10	1.09E-09
2919	487638.98	3856673.79	1.00E-06	9.89E-07	9.61E-07	3.47E-10	1.05E-09	6.07E-10	5.99E-10	5.43E-10	2.48E-10	2.40E-10	1.16E-11	2.80E-10	6.18E-11	8.13E-11	1.29E-10	2.27E-11	1.26E-10	7.12E-10
2920	487688.98	3856673.79	1.01E-06	1.00E-06	9.72E-07	3.51E-10	1.06E-09	6.14E-10	6.06E-10	5.49E-10	2.51E-10	2.43E-10	1.17E-11	2.83E-10	6.25E-11	8.22E-11	1.30E-10	2.30E-11	1.28E-10	7.21E-10
2921	487638.98	3856723.79	1.04E-06	1.03E-06	9.99E-07	3.61E-10	1.09E-09	6.30E-10	6.22E-10	5.64E-10	2.57E-10	2.50E-10	1.20E-11	2.91E-10	6.42E-11	8.45E-11	1.34E-10	2.36E-11	1.31E-10	7.40E-10
2922	487688.98	3856723.79	1.05E-06	1.04E-06	1.01E-06	3.65E-10	1.10E-09	6.37E-10	6.29E-10	5.70E-10	2.60E-10	2.53E-10	1.22E-11	2.94E-10	6.49E-11	8.54E-11	1.35E-10	2.39E-11	1.33E-10	7.49E-10
2923	486324.61	3855740.57	4.84E-07	4.78E-07	4.64E-07	1.67E-10	5.06E-10	2.93E-10	2.89E-10	2.62E-10	1.20E-10	1.16E-10	5.59E-12	1.35E-10	2.98E-11	3.92E-11	6.22E-11	1.10E-11	6.09E-11	3.44E-10
2924	486374.61	3855740.57	4.69E-07	4.63E-07	4.49E-07	1.62E-10	4.90E-10	2.84E-10	2.80E-10	2.54E-10	1.16E-10	1.12E-10	5.42E-12	1.31E-10	2.89E-11	3.80E-11	6.03E-11	1.06E-11	5.90E-11	3.33E-10
2925	486424.61	3855740.57	4.62E-07	4.56E-07	4.43E-07	1.60E-10	4.83E-10	2.80E-10	2.76E-10	2.50E-10	1.14E-10	1.11E-10	5.34E-12	1.29E-10	2.85E-11	3.75E-11	5.95E-11	1.05E-11	5.82E-11	3.28E-10
2926	486324.61	3855790.57	4.99E-07	4.92E-07	4.78E-07	1.73E-10	5.21E-10	3.02E-10	2.98E-10	2.70E-10	1.23E-10	1.20E-10	5.76E-12	1.39E-10	3.07E-11	4.04E-11	6.41E-11	1.13E-11	6.28E-11	3.54E-10
2927	486374.61	3855790.57	4.86E-07	4.79E-07	4.66E-07	1.68E-10	5.08E-10	2.94E-10	2.90E-10	2.63E-10	1.20E-10	1.17E-10	5.62E-12	1.36E-10	2.99E-11	3.94E-11	6.25E-11	1.10E-11	6.12E-11	3.45E-10
2928	486424.61	3855790.57	4.83E-07	4.77E-07	4.63E-07	1.67E-10	5.05E-10	2.92E-10	2.88E-10	2.61E-10	1.19E-10	1.16E-10	5.58E-12	1.35E-10	2.98E-11	3.92E-11	6.21E-11	1.10E-11	6.08E-11	3.43E-10
2929	486324.61	3855840.57	5.12E-07	5.06E-07	4.91E-07	1.77E-10	5.35E-10	3.10E-10	3.06E-10	2.77E-10	1.27E-10	1.23E-10	5.92E-12	1.43E-10	3.16E-11	4.15E-11	6.59E-11	1.16E-11	6.45E-11	3.64E-10
2930	486374.61	3855840.57	5.10E-07	5.03E-07	4.89E-07	1.77E-10	5.33E-10	3.09E-10	3.05E-10	2.76E-10	1.26E-10	1.22E-10	5.90E-12	1.42E-10	3.14E-11	4.14E-11	6.56E-11	1.16E-11	6.42E-11	3.63E-10
2931	486424.61	3855840.57	5.04E-07	4.98E-07	4.83E-07	1.75E-10	5.27E-10	3.05E-10	3.01E-10	2.73E-10	1.25E-10	1.21E-10	5.83E-12	1.41E-10	3.11E-11	4.09E-11	6.48E-11	1.14E-11	6.35E-11	3.58E-10
2932	486324.61	3855890.57	5.35E-07	5.28E-07	5.13E-07	1.85E-10	5.60E-10	3.24E-10	3.20E-10	2.90E-10	1.32E-10	1.28E-10	6.19E-12	1.49E-10	3.30E-11	4.34E-11	6.89E-11	1.21E-11	6.74E-11	3.80E-10
2933	486374.61	3855890.57	5.32E-07	5.25E-07	5.10E-07	1.84E-10	5.56E-10	3.22E-10	3.18E-10	2.88E-10	1.32E-10	1.28E-10	6.15E-12	1.49E-10	3.28E-11	4.32E-11	6.85E-11	1.21E-11	6.70E-11	3.78E-10
2934	486424.61	3855890.57	5.26E-07	5.19E-07	5.04E-07	1.82E-10	5.50E-10	3.18E-10	3.14E-10	2.85E-10	1.30E-10	1.26E-10	6.08E-12	1.47E-10	3.24E-11	4.26E-11	6.76E-11	1.19E-11	6.62E-11	3.74E-10
2935	488735.69	3858285.64	4.79E-05	4.73E-05	4.60E-05	1.66E-08	5.01E-08	2.90E-08	2.86E-08	2.60E-08	1.18E-08	1.15E-08	5.54E-10	1.34E-08	2.95E-09	3.89E-09	6.17E-09	1.09E-09	6.04E-09	3.41E-08
2936	488765.69	3858285.64	4.37E-05	4.32E-05	4.19E-05	1.51E-08	4.57E-08	2.65E-08	2.61E-08	2.37E-08	1.08E-08	1.05E-08	5.06E-10	1.22E-08	2.70E-09	3.55E-09	5.63E-09	9.92E-10	5.51E-09	3.11E-08
2937	488735.69	3858315.64	5.36E-05	5.29E-05	5.14E-05	1.86E-08	5.60E-08	3.24E-08	3.20E-08	2.90E-08	1.32E-08	1.29E-08	6.19E-10	1.50E-08	3.30E-09	4.35E-09	6.89E-09	1.21E-09	6.75E-09	3.81E-08
2938	488765.69	3858315.64	4.83E-05	4.77E-05	4.63E-05	1.67E-08	5.05E-08	2.92E-08	2.88E-08	2.61E-08	1.19E-08	1.16E-08	5.58E-10	1.35E-08	2.97E-09	3.91E-09	6.21E-09	1.09E-09	6.08E-09	3.43E-08
2939	478676.63	3849871.93	8.55E-08	8.44E-08	8.19E-08	2.96E-11	8.94E-11	5.17E-11	5.11E-11	4.63E-11	2.11E-11	2.05E-11	9.88E-13	2.39E-11	5.27E-12	6.93E-12	1.10E-11	1.94E-12	1.08E-11	6.08E-11
2940	479326.63	3849871.93	8.65E-08	8.54E-08	8.29E-08	3.00E-11	9.05E-11	5.24E-11	5.17E-11	4.68E-11	2.14E-11	2.08E-11	1.00E-12	2.42E-11	5.33E-12	7.02E-12	1.11E-11	1.96E-12	1.09E-11	6.15E-11
2941	479376.63	3849871.93	8.68E-08	8.57E-08	8.32E-08	3.00E-11	9.07E-11	5.25E-11	5.18E-11	4.70E-11	2.14E-11	2.08E-11	1.00E-12	2.42E-11	5.35E-12	7.04E-12	1.12E-11	1.97E-12	1.09E-11	6.17E-11
2942	479426.63	3849871.93	8.76E-08	8.64E-08	8.39E-08	3.03E-11	9.15E-11	5.30E-11	5.23E-11	4.74E-11	2.16E-11	2.10E-11	1.01E-12	2.45E-11	5.40E-12	7.10E-12	1.13E-11	1.99E-12	1.10E-11	6.22E-11
2943	478726.63	3849921.93	8.65E-08	8.54E-08	8.29E-08	3.00E-11	9.05E-11	5.24E-11	5.17E-11	4.68E-11	2.14E-11	2.08E-11	1.00E-12	2.42E-11	5.33E-12	7.02E-12	1.11E-11	1.96E-12	1.09E-11	6.15E-11
2944	478776.63	3849921.93	8.67E-08	8.55E-08	8.31E-08	3.00E-11	9.06E-11	5.24E-11	5.18E-11	4.69E-11	2.14E-11	2.08E-11	1.00E-12	2.42E-11	5.34E-12	7.03E-12	1.11E-11	1.96E-12	1.09E-11	6.16E-11
2945	478826.63	3849921.93	8.68E-08	8.57E-08	8.32E-08	3.00E-11	9.07E-11	5.25E-11	5.18E-11	4.70E-11	2.14E-11	2.08E-11	1.00E-12	2.42E-11	5.35E-12	7.04E-12	1.12E-11	1.97E-12	1.09E-11	6.17E-11
2946	478976.63	3849921.93	8.72E-08	8.61E-08	8.36E-08	3.02E-11	9.11E-11	5.28E-11	5.21E-11	4.72E-11	2.15E-11	2.09E-11	1.01E-12	2.43E-11	5.37E-12	7.07E-12	1.12E-11	1.98E-12	1.10E-11	6.20E-11
2947	479026.63	3849921.93	8.77E-08	8.66E-08	8.41E-08	3.04E-11	9.17E-11	5.31E-11	5.24E-11	4.75E-11	2.17E-11	2.10E-11	1.01E-12	2.45E-11	5.40E-12	7.11E-12	1.13E-11	1.99E-12	1.10E-11	6.23E-11
2948	479076.63	3849921.93	8.80E-08	8.68E-08	8.43E-08	3.05E-11	9.19E-11	5.32E-11	5.25E-11	4.76E-11	2.17E-11	2.11E-11	1.02E-12	2.46E-11	5.42E-12	7.13E-12	1.13E-11	1.99E-12	1.11E-11	6.25E-11
2949	479126.63	3849921.93	8.81E-08	8.70E-08	8.44E-08	3.05E-11	9.21E-11	5.33E-11	5.26E-11	4.77E-11	2.18E-11	2.11E-11	1.02E-12	2.46E-11	5.43E-12	7.14E-12	1.13E-11	2.00E-12	1.11E-11	6.26E-11
2950	479176.63	3849921.93	8.85E-08	8.73E-08	8.48E-08	3.06E-11	9.25E-11	5.35E-11	5.28E-11	4.79E-11	2.19E-11	2.12E-11	1.02E-12	2.47E-11	5.45E-12	7.17E-12	1.14E-11	2.01E-12	1.11E-11	6.29E-11
2951	479226.63	3849921.93	8.81E-08	8.70E-08	8.44E-08	3.05E-11	9.21E-11	5.33E-11	5.26E-11	4.77E-11	2.18E-11	2.11E-11	1.02E-12	2.46E-11	5.43E-12	7.14E-12	1.13E-11	2.00E-12	1.11E-11	6.26E-11
2952	479276.63	3849921.93	8.68E-08	8.57E-08	8.32E-08	3.00E-11	9.07E-11	5.25E-11	5.18E-11	4.70E-11	2.14E-11	2.08E-11	1.00E-12	2.42E-11	5.35E-12	7.04E-12	1.12E-11	1.97E-12	1.09E-11	6.17E-11
2953	479326.63	3849921.93	8.89E-08	8.77E-08	8.52E-08	3.08E-11	9.29E-11	5.38E-11	5.31E-11	4.81E-11	2.20E-11	2.13E-11	1.03E-12	2.48E-11	5.48E-12	7.21E-12	1.14E-11	2.01E-12	1.12E-11	6.32E-11
2954	479376.63	3849921.93	8.77E-08	8.66E-08	8.41E-08	3.04E-11	9.17E-11	5.31E-11	5.24E-11	4.75E-11	2.17E-11	2.10E-11	1.01E-12	2.45E-11	5.40E-12	7.11E-12	1.13E-11	1.99E-12	1.10E-11	6.23E-11
2955	479426.63	3849921.93	8.91E-08	8.80E-08	8.54E-08	3.09E-11	9.32E-11	5.39E-11	5.32E-11	4.83E-11	2.20E-11	2.14E-11	1.03E-12	2.49E-11	5.49E-12	7.23E-12	1.15E-11	2.02E-12	1.12E-11	6.33E-11
2956	478726.63	3849971.93	8.72E-08	8.61E-08	8.36E-08	3.02E-11	9.11E-11	5.28E-11	5.21E-11	4.72E-11	2.15E-11	2.09E-11	1.01E-12	2.43E-11	5.37E-12	7.07E-12	1.12E-11	1.98E-12	1.10E-11	6.20E-11
2957	478776.63	3849971.93	8.75E-08	8.63E-08	8.38E-08	3.03E-11	9.14E-11	5.29E-11	5.22E-11	4.73E-11	2.16E-11	2.10E-11	1.01E-12	2.44E-11	5.39E-12	7.09E-12	1.12E-11	1.98E-12	1.10E-11	6.21E-11
2958	478826.63	3849971.93	8.76E-08	8.64E-08	8.39E-08	3.03E-11	9.15E-11	5.30E-11	5.23E-11	4.74E-11	2.16E-11	2.10E-11	1.01E-12	2.45E-11	5.40E-12	7.10E-12	1.13E-11	1.99E-12	1.10E-11	6.22E-11
2959	478976.63	3849971.93	8.85E-08	8.73E-08	8.48E-08	3.06E-11	9.25E-11	5.35E-11	5.28E-11	4.79E-11	2.19E-11	2.12E-11	1.02E-12	2.47E-11	5.45E-12	7.17E-12	1.14E-11	2.01E-12	1.11E-11	6.29E-11
2960	479026.63	3849971.93	8.86E-08	8.75E-08	8.49E-08	3.07E-11	9.26E-11	5.36E-11	5.29E-11	4.80E-11	2.19E-11	2.13E-11	1.02E-12	2.47E-11	5.46E-12	7.19E-12	1.14E-11	2.01E-12	1.12E-11	6.30E-11
2961	479076.63	3849971.93	8.88E-08	8.76E-08	8.51E-08	3.07E-11	9.28E-11	5.37E-11	5.30E-11	4.80E-11	2.19E-11	2.13E-11	1.03E-12	2.48E-11	5.47E-12	7.20E-12	1.14E-11	2.01E-12	1.12E-11	6.31E-11

2962	479126.63	3849971.93	8.90E-08	8.79E-08	8.53E-08	3.08E-11	9.30E-11	5.39E-11	5.32E-11	4.82E-11	2.20E-11	2.14E-11	1.03E-12	2.49E-11	5.48E-12	7.22E-12	1.14E-11	2.02E-12	1.12E-11	6.33E-11
2963	479176.63	3849971.93	8.93E-08	8.81E-08	8.56E-08	3.09E-11	9.33E-11	5.40E-11	5.33E-11	4.83E-11	2.21E-11	2.14E-11	1.03E-12	2.49E-11	5.50E-12	7.24E-12	1.15E-11	2.02E-12	1.12E-11	6.34E-11
2964	479226.63	3849971.93	8.76E-08	8.64E-08	8.39E-08	3.03E-11	9.15E-11	5.30E-11	5.23E-11	4.74E-11	2.16E-11	2.10E-11	1.01E-12	2.45E-11	5.40E-12	7.10E-12	1.13E-11	1.99E-12	1.10E-11	6.22E-11
2965	479276.63	3849971.93	8.91E-08	8.80E-08	8.54E-08	3.09E-11	9.32E-11	5.39E-11	5.32E-11	4.83E-11	2.20E-11	2.14E-11	1.03E-12	2.49E-11	5.49E-12	7.23E-12	1.15E-11	2.02E-12	1.12E-11	6.33E-11
2966	479326.63	3849971.93	9.04E-08	8.93E-08	8.67E-08	3.13E-11	9.45E-11	5.47E-11	5.40E-11	4.90E-11	2.23E-11	2.17E-11	1.05E-12	2.53E-11	5.57E-12	7.33E-12	1.16E-11	2.05E-12	1.14E-11	6.43E-11
2967	479376.63	3849971.93	8.93E-08	8.81E-08	8.56E-08	3.09E-11	9.33E-11	5.40E-11	5.33E-11	4.83E-11	2.21E-11	2.14E-11	1.03E-12	2.49E-11	5.50E-12	7.24E-12	1.15E-11	2.02E-12	1.12E-11	6.34E-11
2968	479426.63	3849971.93	9.01E-08	8.89E-08	8.63E-08	3.12E-11	9.41E-11	5.45E-11	5.38E-11	4.87E-11	2.22E-11	2.16E-11	1.04E-12	2.51E-11	5.55E-12	7.30E-12	1.16E-11	2.04E-12	1.13E-11	6.40E-11
2969	478726.63	3850021.93	8.80E-08	8.68E-08	8.43E-08	3.05E-11	9.19E-11	5.32E-11	5.25E-11	4.76E-11	2.17E-11	2.11E-11	1.02E-12	2.46E-11	5.42E-12	7.13E-12	1.13E-11	1.99E-12	1.11E-11	6.25E-11
2970	478776.63	3850021.93	8.81E-08	8.70E-08	8.44E-08	3.05E-11	9.21E-11	5.33E-11	5.26E-11	4.77E-11	2.18E-11	2.11E-11	1.02E-12	2.46E-11	5.43E-12	7.14E-12	1.13E-11	2.00E-12	1.11E-11	6.26E-11
2971	478826.63	3850021.93	8.84E-08	8.72E-08	8.47E-08	3.06E-11	9.24E-11	5.35E-11	5.28E-11	4.78E-11	2.18E-11	2.12E-11	1.02E-12	2.47E-11	5.44E-12	7.16E-12	1.14E-11	2.00E-12	1.11E-11	6.28E-11
2972	478976.63	3850021.93	8.93E-08	8.81E-08	8.56E-08	3.09E-11	9.33E-11	5.40E-11	5.33E-11	4.83E-11	2.21E-11	2.14E-11	1.03E-12	2.49E-11	5.50E-12	7.24E-12	1.15E-11	2.02E-12	1.12E-11	6.34E-11
2973	478726.63	3850071.93	8.88E-08	8.76E-08	8.51E-08	3.07E-11	9.28E-11	5.37E-11	5.30E-11	4.80E-11	2.19E-11	2.13E-11	1.03E-12	2.48E-11	5.47E-12	7.20E-12	1.14E-11	2.01E-12	1.12E-11	6.31E-11
2974	478776.63	3850071.93	8.89E-08	8.77E-08	8.52E-08	3.08E-11	9.29E-11	5.38E-11	5.31E-11	4.81E-11	2.20E-11	2.13E-11	1.03E-12	2.48E-11	5.48E-12	7.21E-12	1.14E-11	2.01E-12	1.12E-11	6.32E-11
2975	478826.63	3850071.93	8.91E-08	8.80E-08	8.54E-08	3.09E-11	9.32E-11	5.39E-11	5.32E-11	4.83E-11	2.20E-11	2.14E-11	1.03E-12	2.49E-11	5.49E-12	7.23E-12	1.15E-11	2.02E-12	1.12E-11	6.33E-11
2976	478876.63	3850071.93	8.94E-08	8.82E-08	8.57E-08	3.09E-11	9.34E-11	5.41E-11	5.34E-11	4.84E-11	2.21E-11	2.14E-11	1.03E-12	2.50E-11	5.51E-12	7.25E-12	1.15E-11	2.03E-12	1.13E-11	6.35E-11
2977	478976.63	3850071.93	9.01E-08	8.89E-08	8.63E-08	3.12E-11	9.41E-11	5.45E-11	5.38E-11	4.87E-11	2.22E-11	2.16E-11	1.04E-12	2.51E-11	5.55E-12	7.30E-12	1.16E-11	2.04E-12	1.13E-11	6.40E-11
2978	478726.63	3850121.93	8.95E-08	8.84E-08	8.58E-08	3.10E-11	9.36E-11	5.42E-11	5.35E-11	4.85E-11	2.21E-11	2.15E-11	1.03E-12	2.50E-11	5.52E-12	7.26E-12	1.15E-11	2.03E-12	1.13E-11	6.36E-11
2979	478776.63	3850121.93	8.98E-08	8.86E-08	8.61E-08	3.11E-11	9.39E-11	5.43E-11	5.36E-11	4.86E-11	2.22E-11	2.15E-11	1.04E-12	2.51E-11	5.53E-12	7.28E-12	1.15E-11	2.04E-12	1.13E-11	6.38E-11
2980	478826.63	3850121.93	8.99E-08	8.87E-08	8.62E-08	3.11E-11	9.40E-11	5.44E-11	5.37E-11	4.87E-11	2.22E-11	2.16E-11	1.04E-12	2.51E-11	5.54E-12	7.29E-12	1.16E-11	2.04E-12	1.13E-11	6.39E-11
2981	478876.63	3850121.93	9.02E-08	8.90E-08	8.64E-08	3.12E-11	9.43E-11	5.46E-11	5.39E-11	4.88E-11	2.23E-11	2.16E-11	1.04E-12	2.52E-11	5.56E-12	7.31E-12	1.16E-11	2.04E-12	1.14E-11	6.41E-11
2982	478976.63	3850121.93	9.08E-08	8.96E-08	8.71E-08	3.14E-11	9.49E-11	5.50E-11	5.42E-11	4.92E-11	2.24E-11	2.18E-11	1.05E-12	2.54E-11	5.60E-12	7.36E-12	1.17E-11	2.06E-12	1.14E-11	6.46E-11
2983	479026.63	3850121.93	9.12E-08	9.00E-08	8.74E-08	3.16E-11	9.53E-11	5.52E-11	5.45E-11	4.94E-11	2.25E-11	2.19E-11	1.05E-12	2.55E-11	5.62E-12	7.40E-12	1.17E-11	2.07E-12	1.15E-11	6.48E-11
2984	479076.63	3850121.93	9.14E-08	9.02E-08	8.76E-08	3.16E-11	9.55E-11	5.53E-11	5.46E-11	4.95E-11	2.26E-11	2.19E-11	1.06E-12	2.55E-11	5.63E-12	7.41E-12	1.18E-11	2.07E-12	1.15E-11	6.49E-11
2985	479126.63	3850121.93	9.16E-08	9.04E-08	8.78E-08	3.17E-11	9.58E-11	5.54E-11	5.47E-11	4.96E-11	2.26E-11	2.20E-11	1.06E-12	2.56E-11	5.64E-12	7.43E-12	1.18E-11	2.08E-12	1.15E-11	6.51E-11
2986	478776.63	3850171.93	9.06E-08	8.94E-08	8.68E-08	3.14E-11	9.47E-11	5.48E-11	5.41E-11	4.90E-11	2.24E-11	2.17E-11	1.05E-12	2.53E-11	5.58E-12	7.34E-12	1.16E-11	2.05E-12	1.14E-11	6.44E-11
2987	478826.63	3850171.93	9.07E-08	8.95E-08	8.69E-08	3.14E-11	9.48E-11	5.49E-11	5.42E-11	4.91E-11	2.24E-11	2.18E-11	1.05E-12	2.53E-11	5.59E-12	7.35E-12	1.17E-11	2.06E-12	1.14E-11	6.45E-11
2988	478876.63	3850171.93	9.10E-08	8.98E-08	8.72E-08	3.15E-11	9.51E-11	5.50E-11	5.43E-11	4.92E-11	2.25E-11	2.18E-11	1.05E-12	2.54E-11	5.60E-12	7.38E-12	1.17E-11	2.06E-12	1.15E-11	6.46E-11
2989	478976.63	3850171.93	9.16E-08	9.04E-08	8.78E-08	3.17E-11	9.58E-11	5.54E-11	5.47E-11	4.96E-11	2.26E-11	2.20E-11	1.06E-12	2.56E-11	5.64E-12	7.43E-12	1.18E-11	2.08E-12	1.15E-11	6.51E-11
2990	479026.63	3850171.93	9.20E-08	9.08E-08	8.82E-08	3.18E-11	9.62E-11	5.57E-11	5.49E-11	4.98E-11	2.27E-11	2.21E-11	1.06E-12	2.57E-11	5.67E-12	7.46E-12	1.18E-11	2.09E-12	1.16E-11	6.54E-11
2991	479076.63	3850171.93	9.23E-08	9.11E-08	8.84E-08	3.19E-11	9.64E-11	5.58E-11	5.51E-11	4.99E-11	2.28E-11	2.21E-11	1.07E-12	2.58E-11	5.68E-12	7.48E-12	1.19E-11	2.09E-12	1.16E-11	6.56E-11
2992	479126.63	3850171.93	9.25E-08	9.13E-08	8.87E-08	3.20E-11	9.67E-11	5.60E-11	5.53E-11	5.01E-11	2.29E-11	2.22E-11	1.07E-12	2.58E-11	5.70E-12	7.50E-12	1.19E-11	2.10E-12	1.16E-11	6.58E-11
2993	479176.63	3850171.93	9.29E-08	9.17E-08	8.91E-08	3.22E-11	9.71E-11	5.62E-11	5.55E-11	5.03E-11	2.30E-11	2.23E-11	1.07E-12	2.59E-11	5.72E-12	7.53E-12	1.20E-11	2.11E-12	1.17E-11	6.60E-11
2994	479226.63	3850171.93	9.37E-08	9.25E-08	8.98E-08	3.24E-11	9.79E-11	5.67E-11	5.60E-11	5.07E-11	2.31E-11	2.25E-11	1.08E-12	2.62E-11	5.77E-12	7.60E-12	1.21E-11	2.12E-12	1.18E-11	6.66E-11
2995	479276.63	3850171.93	9.47E-08	9.35E-08	9.08E-08	3.28E-11	9.90E-11	5.73E-11	5.66E-11	5.13E-11	2.34E-11	2.27E-11	1.10E-12	2.65E-11	5.84E-12	7.68E-12	1.22E-11	2.15E-12	1.19E-11	6.73E-11
2996	479326.63	3850171.93	9.47E-08	9.35E-08	9.08E-08	3.28E-11	9.90E-11	5.73E-11	5.66E-11	5.13E-11	2.34E-11	2.27E-11	1.10E-12	2.65E-11	5.84E-12	7.68E-12	1.22E-11	2.15E-12	1.19E-11	6.73E-11
2997	479376.63	3850171.93	9.49E-08	9.36E-08	9.09E-08	3.28E-11	9.92E-11	5.74E-11	5.67E-11	5.14E-11	2.34E-11	2.28E-11	1.10E-12	2.65E-11	5.85E-12	7.69E-12	1.22E-11	2.15E-12	1.19E-11	6.74E-11
2998	478676.63	3850221.93	9.08E-08	8.96E-08	8.71E-08	3.14E-11	9.49E-11	5.50E-11	5.42E-11	4.92E-11	2.24E-11	2.18E-11	1.05E-12	2.54E-11	5.60E-12	7.36E-12	1.17E-11	2.06E-12	1.14E-11	6.46E-11
2999	478726.63	3850221.93	9.11E-08	8.99E-08	8.73E-08	3.15E-11	9.52E-11	5.51E-11	5.44E-11	4.93E-11	2.25E-11	2.19E-11	1.05E-12	2.54E-11	5.61E-12	7.39E-12	1.17E-11	2.06E-12	1.15E-11	6.47E-11
3000	478976.63	3850221.93	9.25E-08	9.13E-08	8.87E-08	3.20E-11	9.67E-11	5.60E-11	5.53E-11	5.01E-11	2.29E-11	2.22E-11	1.07E-12	2.58E-11	5.70E-12	7.50E-12	1.19E-11	2.10E-12	1.16E-11	6.58E-11
3001	479026.63	3850221.93	9.29E-08	9.17E-08	8.91E-08	3.22E-11	9.71E-11	5.62E-11	5.55E-11	5.03E-11	2.30E-11	2.23E-11	1.07E-12	2.59E-11	5.72E-12	7.53E-12	1.20E-11	2.11E-12	1.17E-11	6.60E-11
3002	479076.63	3850221.93	9.32E-08	9.20E-08	8.93E-08	3.23E-11	9.74E-11	5.64E-11	5.56E-11	5.04E-11	2.30E-11	2.23E-11	1.08E-12	2.60E-11	5.74E-12	7.55E-12	1.20E-11	2.11E-12	1.17E-11	6.62E-11
3003	479126.63	3850221.93	9.34E-08	9.22E-08	8.95E-08	3.23E-11	9.77E-11	5.65E-11	5.58E-11	5.06E-11	2.31E-11	2.24E-11	1.08E-12	2.61E-11	5.76E-12	7.58E-12	1.20E-11	2.12E-12	1.18E-11	6.64E-11
3004	479176.63	3850221.93	9.41E-08	9.29E-08	9.02E-08	3.26E-11	9.83E-11	5.69E-11	5.62E-11	5.09E-11	2.32E-11	2.26E-11	1.09E-12	2.63E-11	5.80E-12	7.63E-12	1.21E-11	2.13E-12	1.18E-11	6.69E-11
3005	479226.63	3850221.93	9.46E-08	9.34E-08	9.07E-08	3.27E-11	9.89E-11	5.72E-11	5.65E-11	5.12E-11	2.34E-11	2.27E-11	1.09E-12	2.64E-11	5.83E-12	7.67E-12	1.22E-11	2.14E-12	1.19E-11	6.72E-11
3006	479276.63	3850221.93	9.53E-08	9.40E-08	9.13E-08	3.30E-11	9.96E-11	5.76E-11	5.69E-11	5.16E-11	2.35E-11	2.28E-11	1.10E-12	2.66E-11	5.87E-12	7.72E-12	1.23E-11	2.16E-12	1.20E-11	6.77E-11
3007	479326.63	3850221.93	9.55E-08	9.43E-08	9.15E-08	3.31E-11	9.98E-11	5.78E-11	5.70E-11	5.17E-11	2.36E-11	2.29E-11	1.10E-12	2.67E-11	5.89E-12	7.74E-12	1.23E-11	2.17E-12	1.20E-11	6.79E-11
3008	479376.63	3850221.93	9.58E-08	9.45E-08	9.18E-08	3.32E-11	1.00E-10	5.80E-11	5.72E-11	5.18E-11	2.37E-11	2.30E-11	1.11E-12	2.67E-11	5.90E-12	7.77E-12	1.23E-11	2.17E-12	1.21E-11	6.81E-11
3009	478676.63	3850271.93	9.16E-08	9.04E-08	8.78E-08	3.17E-11	9.58E-11	5.54E-11	5.47E-11	4.96E-11	2.26E-11	2.20E-11	1.06E-12	2.56E-11	5.64E-12	7.43E-12	1.18E-11	2.08E-12	1.15E-11	6.51E-11
3010	478726.63	3850271.93	9.19E-08	9.07E-08	8.81E-08	3.18E-11	9.60E-11	5.56E-11	5.49E-11	4.97E-11	2.27E-11	2.20E-11	1.06E-12	2.57E-11	5.66E-12	7.45E-12	1.18E-11	2.08E-12	1.16E-11	6.53E-11
3011	478976.63	3850271.93	9.33E-08	9.21E-08	8.94E-08	3.23E-11	9.75E-11	5.65E-11	5.57E-11	5.05E-11	2.30E-11	2.24E-11	1.08E-12	2.61E-11	5.75E-12	7.57E-12	1.20E-11	2.12E-12	1.17E-11	6.63E-11
3012	479026.63	3850271.93	9.37E-08	9.25E-08	8.98E-08	3.24E-11	9.79E-11	5.67E-11	5.60E-11	5.07E-11	2.31E-11	2.25E-11	1.08E-12	2.62E-11	5.77E-12	7.60E-12	1.21E-11	2.12E-12	1.18E-11	6.66E-11
3013	479076.63	3850271.93	9.41E-08	9.29E-08	9.02E-08	3.26E-11	9.83E-11	5.69E-11	5.62E-11	5.09E-11	2.32E-11	2.26E-11	1.09E-12	2.63E-11	5.80E-12	7.63E-12	1.21E-11	2.13E-12	1.18E-11	6.69E-11
3014	479126.63	3850271.93	9.43E-08	9.31E-08	9.04E-08	3.27E-11	9.86E-11	5.71E-11	5.63E-11	5.11E-11	2.33E-11	2.26E-11	1.09E-12	2.63E-11	5.81E-12	7.65E-12	1.21E-11	2.14E-12	1.19E-11	6.70E-11

3015	479176.63	3850271.93	9.49E-08	9.36E-08	9.09E-08	3.28E-11	9.92E-11	5.74E-11	5.67E-11	5.14E-11	2.34E-11	2.28E-11	1.10E-12	2.65E-11	5.85E-12	7.69E-12	1.22E-11	2.15E-12	1.19E-11	6.74E-11
3016	479226.63	3850271.93	9.54E-08	9.41E-08	9.14E-08	3.30E-11	9.97E-11	5.77E-11	5.70E-11	5.16E-11	2.36E-11	2.29E-11	1.10E-12	2.66E-11	5.88E-12	7.73E-12	1.23E-11	2.16E-12	1.20E-11	6.78E-11
3017	479276.63	3850271.93	9.58E-08	9.45E-08	9.18E-08	3.32E-11	1.00E-10	5.80E-11	5.72E-11	5.18E-11	2.37E-11	2.30E-11	1.11E-12	2.67E-11	5.90E-12	7.77E-12	1.23E-11	2.17E-12	1.21E-11	6.81E-11
3018	479326.63	3850271.93	9.60E-08	9.48E-08	9.20E-08	3.32E-11	1.00E-10	5.81E-11	5.74E-11	5.20E-11	2.37E-11	2.30E-11	1.11E-12	2.68E-11	5.92E-12	7.79E-12	1.24E-11	2.18E-12	1.21E-11	6.82E-11
3019	479376.63	3850271.93	9.62E-08	9.49E-08	9.22E-08	3.33E-11	1.01E-10	5.82E-11	5.74E-11	5.21E-11	2.38E-11	2.31E-11	1.11E-12	2.69E-11	5.93E-12	7.80E-12	1.24E-11	2.18E-12	1.21E-11	6.83E-11
3020	479053.24	3850293.52	9.42E-08	9.30E-08	9.03E-08	3.26E-11	9.85E-11	5.70E-11	5.63E-11	5.10E-11	2.33E-11	2.26E-11	1.09E-12	2.63E-11	5.81E-12	7.64E-12	1.21E-11	2.14E-12	1.19E-11	6.70E-11
3021	479103.24	3850293.52	9.46E-08	9.34E-08	9.07E-08	3.27E-11	9.89E-11	5.72E-11	5.65E-11	5.12E-11	2.34E-11	2.27E-11	1.09E-12	2.64E-11	5.83E-12	7.67E-12	1.22E-11	2.14E-12	1.19E-11	6.72E-11
3022	479153.24	3850293.52	9.50E-08	9.38E-08	9.10E-08	3.29E-11	9.93E-11	5.75E-11	5.67E-11	5.14E-11	2.35E-11	2.28E-11	1.10E-12	2.65E-11	5.85E-12	7.70E-12	1.22E-11	2.15E-12	1.20E-11	6.75E-11
3023	479203.24	3850293.52	9.55E-08	9.43E-08	9.15E-08	3.31E-11	9.98E-11	5.78E-11	5.70E-11	5.17E-11	2.36E-11	2.29E-11	1.10E-12	2.67E-11	5.89E-12	7.74E-12	1.23E-11	2.17E-12	1.20E-11	6.79E-11
3024	479253.24	3850293.52	9.59E-08	9.47E-08	9.19E-08	3.32E-11	1.00E-10	5.80E-11	5.73E-11	5.19E-11	2.37E-11	2.30E-11	1.11E-12	2.68E-11	5.91E-12	7.78E-12	1.23E-11	2.17E-12	1.21E-11	6.82E-11
3025	479303.24	3850293.52	9.62E-08	9.49E-08	9.22E-08	3.33E-11	1.01E-10	5.82E-11	5.74E-11	5.21E-11	2.38E-11	2.31E-11	1.11E-12	2.69E-11	5.93E-12	7.80E-12	1.24E-11	2.18E-12	1.21E-11	6.83E-11
3026	479353.24	3850293.52	9.64E-08	9.52E-08	9.24E-08	3.34E-11	1.01E-10	5.83E-11	5.76E-11	5.22E-11	2.38E-11	2.31E-11	1.11E-12	2.69E-11	5.94E-12	7.82E-12	1.24E-11	2.19E-12	1.21E-11	6.85E-11
3027	479153.24	3850343.52	9.58E-08	9.45E-08	9.18E-08	3.32E-11	1.00E-10	5.80E-11	5.72E-11	5.18E-11	2.37E-11	2.30E-11	1.11E-12	2.67E-11	5.90E-12	7.77E-12	1.23E-11	2.17E-12	1.21E-11	6.81E-11
3028	479203.24	3850343.52	9.62E-08	9.49E-08	9.22E-08	3.33E-11	1.01E-10	5.82E-11	5.74E-11	5.21E-11	2.38E-11	2.31E-11	1.11E-12	2.69E-11	5.93E-12	7.80E-12	1.24E-11	2.18E-12	1.21E-11	6.83E-11
3029	479253.24	3850343.52	9.66E-08	9.53E-08	9.25E-08	3.34E-11	1.01E-10	5.84E-11	5.77E-11	5.23E-11	2.39E-11	2.32E-11	1.12E-12	2.70E-11	5.95E-12	7.83E-12	1.24E-11	2.19E-12	1.22E-11	6.86E-11
3030	479303.24	3850343.52	9.67E-08	9.54E-08	9.27E-08	3.35E-11	1.01E-10	5.85E-11	5.77E-11	5.23E-11	2.39E-11	2.32E-11	1.12E-12	2.70E-11	5.96E-12	7.84E-12	1.24E-11	2.19E-12	1.22E-11	6.87E-11
3031	479353.24	3850343.52	9.70E-08	9.57E-08	9.29E-08	3.36E-11	1.01E-10	5.87E-11	5.79E-11	5.25E-11	2.39E-11	2.33E-11	1.12E-12	2.71E-11	5.97E-12	7.86E-12	1.25E-11	2.20E-12	1.22E-11	6.89E-11
3032	479203.24	3850393.52	9.70E-08	9.57E-08	9.29E-08	3.36E-11	1.01E-10	5.87E-11	5.79E-11	5.25E-11	2.39E-11	2.33E-11	1.12E-12	2.71E-11	5.97E-12	7.86E-12	1.25E-11	2.20E-12	1.22E-11	6.89E-11
3033	479253.24	3850393.52	9.72E-08	9.59E-08	9.32E-08	3.37E-11	1.02E-10	5.88E-11	5.81E-11	5.26E-11	2.40E-11	2.33E-11	1.12E-12	2.71E-11	5.99E-12	7.88E-12	1.25E-11	2.20E-12	1.22E-11	6.91E-11
3034	479303.24	3850393.52	9.73E-08	9.61E-08	9.33E-08	3.37E-11	1.02E-10	5.89E-11	5.81E-11	5.27E-11	2.40E-11	2.33E-11	1.13E-12	2.72E-11	6.00E-12	7.89E-12	1.25E-11	2.21E-12	1.23E-11	6.92E-11
3035	479353.24	3850393.52	9.76E-08	9.63E-08	9.35E-08	3.38E-11	1.02E-10	5.91E-11	5.83E-11	5.28E-11	2.41E-11	2.34E-11	1.13E-12	2.73E-11	6.01E-12	7.91E-12	1.26E-11	2.21E-12	1.23E-11	6.94E-11
3036	479403.24	3850393.52	9.79E-08	9.66E-08	9.38E-08	3.39E-11	1.02E-10	5.92E-11	5.84E-11	5.30E-11	2.42E-11	2.35E-11	1.13E-12	2.73E-11	6.03E-12	7.93E-12	1.26E-11	2.22E-12	1.23E-11	6.95E-11
3037	479453.24	3850393.52	9.79E-08	9.66E-08	9.38E-08	3.39E-11	1.02E-10	5.92E-11	5.84E-11	5.30E-11	2.42E-11	2.35E-11	1.13E-12	2.73E-11	6.03E-12	7.93E-12	1.26E-11	2.22E-12	1.23E-11	6.95E-11
3038	479503.24	3850393.52	9.79E-08	9.66E-08	9.38E-08	3.39E-11	1.02E-10	5.92E-11	5.84E-11	5.30E-11	2.42E-11	2.35E-11	1.13E-12	2.73E-11	6.03E-12	7.93E-12	1.26E-11	2.22E-12	1.23E-11	6.95E-11
3039	479303.24	3850443.52	9.80E-08	9.67E-08	9.39E-08	3.39E-11	1.02E-10	5.93E-11	5.85E-11	5.30E-11	2.42E-11	2.35E-11	1.13E-12	2.74E-11	6.04E-12	7.95E-12	1.26E-11	2.22E-12	1.23E-11	6.96E-11
3040	479353.24	3850443.52	9.81E-08	9.68E-08	9.40E-08	3.40E-11	1.03E-10	5.94E-11	5.86E-11	5.31E-11	2.42E-11	2.35E-11	1.13E-12	2.74E-11	6.05E-12	7.96E-12	1.26E-11	2.22E-12	1.24E-11	6.97E-11
3041	479403.24	3850443.52	9.81E-08	9.68E-08	9.40E-08	3.40E-11	1.03E-10	5.94E-11	5.86E-11	5.31E-11	2.42E-11	2.35E-11	1.13E-12	2.74E-11	6.05E-12	7.96E-12	1.26E-11	2.22E-12	1.24E-11	6.97E-11
3042	479453.24	3850443.52	9.83E-08	9.70E-08	9.42E-08	3.40E-11	1.03E-10	5.94E-11	5.87E-11	5.32E-11	2.43E-11	2.36E-11	1.14E-12	2.74E-11	6.05E-12	7.97E-12	1.26E-11	2.23E-12	1.24E-11	6.98E-11
3043	479503.24	3850443.52	9.83E-08	9.70E-08	9.42E-08	3.40E-11	1.03E-10	5.94E-11	5.87E-11	5.32E-11	2.43E-11	2.36E-11	1.14E-12	2.74E-11	6.05E-12	7.97E-12	1.26E-11	2.23E-12	1.24E-11	6.98E-11
3044	480327.18	3850987.04	1.15E-07	1.14E-07	1.11E-07	4.00E-11	1.21E-10	6.98E-11	6.89E-11	6.25E-11	2.85E-11	2.77E-11	1.33E-12	3.22E-11	7.11E-12	9.36E-12	1.48E-11	2.62E-12	1.45E-11	8.20E-11
3045	480377.18	3850987.04	1.16E-07	1.15E-07	1.11E-07	4.02E-11	1.21E-10	7.03E-11	6.94E-11	6.29E-11	2.87E-11	2.79E-11	1.34E-12	3.24E-11	7.16E-12	9.42E-12	1.49E-11	2.63E-12	1.46E-11	8.26E-11
3046	480427.18	3850987.04	1.17E-07	1.15E-07	1.12E-07	4.05E-11	1.22E-10	7.07E-11	6.98E-11	6.33E-11	2.89E-11	2.80E-11	1.35E-12	3.26E-11	7.20E-12	9.47E-12	1.50E-11	2.65E-12	1.47E-11	8.30E-11
3047	480477.18	3850987.04	1.18E-07	1.16E-07	1.13E-07	4.07E-11	1.23E-10	7.11E-11	7.02E-11	6.36E-11	2.90E-11	2.82E-11	1.36E-12	3.28E-11	7.24E-12	9.53E-12	1.51E-11	2.66E-12	1.48E-11	8.35E-11
3048	480327.18	3851037.04	1.16E-07	1.14E-07	1.11E-07	4.01E-11	1.21E-10	7.02E-11	6.92E-11	6.28E-11	2.86E-11	2.78E-11	1.34E-12	3.24E-11	7.14E-12	9.40E-12	1.49E-11	2.63E-12	1.46E-11	8.24E-11
3049	480377.18	3851037.04	1.17E-07	1.15E-07	1.12E-07	4.04E-11	1.22E-10	7.06E-11	6.96E-11	6.31E-11	2.88E-11	2.80E-11	1.35E-12	3.26E-11	7.18E-12	9.45E-12	1.50E-11	2.64E-12	1.47E-11	8.29E-11
3050	480427.18	3851037.04	1.17E-07	1.16E-07	1.12E-07	4.06E-11	1.23E-10	7.09E-11	7.00E-11	6.35E-11	2.90E-11	2.81E-11	1.36E-12	3.27E-11	7.22E-12	9.51E-12	1.51E-11	2.66E-12	1.48E-11	8.33E-11
3051	480477.18	3851037.04	1.18E-07	1.16E-07	1.13E-07	4.09E-11	1.23E-10	7.14E-11	7.05E-11	6.39E-11	2.92E-11	2.83E-11	1.36E-12	3.30E-11	7.27E-12	9.57E-12	1.52E-11	2.68E-12	1.49E-11	8.39E-11
3052	480622.06	3851087.39	1.21E-07	1.19E-07	1.16E-07	4.19E-11	1.26E-10	7.32E-11	7.23E-11	6.55E-11	2.99E-11	2.90E-11	1.40E-12	3.38E-11	7.46E-12	9.81E-12	1.56E-11	2.74E-12	1.52E-11	8.60E-11
3053	480672.06	3851087.39	1.22E-07	1.21E-07	1.17E-07	4.23E-11	1.28E-10	7.39E-11	7.30E-11	6.61E-11	3.02E-11	2.93E-11	1.41E-12	3.41E-11	7.53E-12	9.91E-12	1.57E-11	2.77E-12	1.54E-11	8.68E-11
3054	480622.06	3851137.39	1.22E-07	1.20E-07	1.16E-07	4.21E-11	1.27E-10	7.35E-11	7.26E-11	6.58E-11	3.00E-11	2.92E-11	1.40E-12	3.39E-11	7.49E-12	9.85E-12	1.56E-11	2.76E-12	1.53E-11	8.64E-11
3055	480672.06	3851137.39	1.23E-07	1.21E-07	1.17E-07	4.24E-11	1.28E-10	7.42E-11	7.32E-11	6.64E-11	3.03E-11	2.94E-11	1.42E-12	3.42E-11	7.55E-12	9.94E-12	1.58E-11	2.78E-12	1.54E-11	8.71E-11
3056	480722.06	3851137.39	1.24E-07	1.22E-07	1.19E-07	4.28E-11	1.29E-10	7.49E-11	7.39E-11	6.70E-11	3.06E-11	2.97E-11	1.43E-12	3.46E-11	7.63E-12	1.00E-11	1.59E-11	2.81E-12	1.56E-11	8.79E-11
3057	480622.06	3851187.39	1.22E-07	1.20E-07	1.17E-07	4.23E-11	1.28E-10	7.39E-11	7.29E-11	6.61E-11	3.02E-11	2.93E-11	1.41E-12	3.41E-11	7.52E-12	9.90E-12	1.57E-11	2.77E-12	1.54E-11	8.67E-11
3058	480672.06	3851187.39	1.23E-07	1.22E-07	1.18E-07	4.26E-11	1.29E-10	7.45E-11	7.35E-11	6.66E-11	3.04E-11	2.95E-11	1.42E-12	3.44E-11	7.59E-12	9.98E-12	1.58E-11	2.79E-12	1.55E-11	8.75E-11
3059	480722.06	3851187.39	1.24E-07	1.23E-07	1.19E-07	4.30E-11	1.30E-10	7.52E-11	7.42E-11	6.73E-11	3.07E-11	2.98E-11	1.44E-12	3.47E-11	7.66E-12	1.01E-11	1.60E-11	2.82E-12	1.56E-11	8.83E-11
3060	471363.09	3845877.25	3.40E-08	3.35E-08	3.26E-08	1.18E-11	3.55E-11	2.06E-11	2.03E-11	1.84E-11	8.39E-12	8.15E-12	3.93E-13	9.48E-12	2.09E-12	2.75E-12	4.37E-12	7.70E-13	4.28E-12	2.41E-11
3061	471863.09	3845877.25	3.27E-08	3.22E-08	3.13E-08	1.13E-11	3.41E-11	1.98E-11	1.95E-11	1.77E-11	8.07E-12	7.83E-12	3.78E-13	9.12E-12	2.01E-12	2.65E-12	4.20E-12	7.40E-13	4.11E-12	2.32E-11
3062	472363.09	3845877.25	3.55E-08	3.51E-08	3.40E-08	1.23E-11	3.71E-11	2.15E-11	2.12E-11	1.92E-11	8.78E-12	8.52E-12	4.11E-13	9.92E-12	2.19E-12	2.88E-12	4.57E-12	8.05E-13	4.47E-12	2.52E-11
3063	472863.09	3845877.25	3.14E-08	3.10E-08	3.01E-08	1.09E-11	3.28E-11	1.90E-11	1.87E-11	1.70E-11	7.75E-12	7.52E-12	3.63E-13	8.76E-12	1.93E-12	2.54E-12	4.03E-12	7.11E-13	3.95E-12	2.23E-11
3064	473363.09	3845877.25	3.18E-08	3.13E-08	3.04E-08	1.10E-11	3.32E-11	1.92E-11	1.90E-11	1.72E-11	7.84E-12	7.62E-12	3.67E-13	8.87E-12	1.96E-12	2.57E-12	4.08E-12	7.20E-13	4.00E-12	2.26E-11
3065	473863.09	3845877.25	3.27E-08	3.22E-08	3.13E-08	1.13E-11	3.41E-11	1.98E-11	1.95E-11	1.77E-11	8.07E-12	7.83E-12	3.78E-13	9.12E-12	2.01E-12	2.65E-12	4.20E-12	7.40E-13	4.11E-12	2.32E-11
3066	474363.09	3845877.25	3.57E-08	3.52E-08	3.42E-08	1.23E-11	3.73E-11	2.16E-11	2.13E-11	1.93E-11	8.81E-12	8.55E-12	4.12E-13	9.96E-12	2.20E-12	2.89E-12	4.59E-12	8.08E-13	4.49E-12	2.53E-11
3067	474863.09	3845877.25	3.77E-08	3.72E-08	3.62E-08	1.31E-11	3.94E-11	2.28E-11	2.25E-11	2.04E-11	9.32E-12	9.05E-12	4.36E-13	1.05E-11	2.33E-12	3.06E-12	4.85E-12	8.55E-13	4.75E-12	2.68E-11

3068	475363.09	3845877.25	4.10E-08	4.05E-08	3.93E-08	1.42E-11	4.28E-11	2.48E-11	2.45E-11	2.22E-11	1.01E-11	9.83E-12	4.74E-13	1.14E-11	2.53E-12	3.32E-12	5.27E-12	9.29E-13	5.16E-12	2.91E-11
3069	475863.09	3845877.25	4.46E-08	4.41E-08	4.28E-08	1.55E-11	4.67E-11	2.70E-11	2.67E-11	2.42E-11	1.10E-11	1.07E-11	5.16E-13	1.25E-11	2.75E-12	3.62E-12	5.74E-12	1.01E-12	5.62E-12	3.17E-11
3070	476363.09	3845877.25	4.46E-08	4.41E-08	4.28E-08	1.55E-11	4.67E-11	2.70E-11	2.67E-11	2.42E-11	1.10E-11	1.07E-11	5.16E-13	1.25E-11	2.75E-12	3.62E-12	5.74E-12	1.01E-12	5.62E-12	3.17E-11
3071	476863.09	3845877.25	4.28E-08	4.23E-08	4.10E-08	1.48E-11	4.47E-11	2.59E-11	2.56E-11	2.32E-11	1.06E-11	1.03E-11	4.95E-13	1.20E-11	2.64E-12	3.47E-12	5.51E-12	9.71E-13	5.39E-12	3.04E-11
3072	477363.09	3845877.25	4.28E-08	4.23E-08	4.10E-08	1.48E-11	4.47E-11	2.59E-11	2.56E-11	2.32E-11	1.06E-11	1.03E-11	4.95E-13	1.20E-11	2.64E-12	3.47E-12	5.51E-12	9.71E-13	5.39E-12	3.04E-11
3073	477863.09	3845877.25	4.01E-08	3.96E-08	3.84E-08	1.39E-11	4.19E-11	2.43E-11	2.39E-11	2.17E-11	9.90E-12	9.61E-12	4.63E-13	1.12E-11	2.47E-12	3.25E-12	5.16E-12	9.09E-13	5.05E-12	2.85E-11
3074	478363.09	3845877.25	3.66E-08	3.61E-08	3.50E-08	1.27E-11	3.82E-11	2.21E-11	2.18E-11	1.98E-11	9.03E-12	8.77E-12	4.23E-13	1.02E-11	2.25E-12	2.96E-12	4.70E-12	8.29E-13	4.60E-12	2.60E-11
3075	478863.09	3845877.25	3.53E-08	3.48E-08	3.38E-08	1.22E-11	3.69E-11	2.13E-11	2.11E-11	1.91E-11	8.71E-12	8.46E-12	4.08E-13	9.85E-12	2.17E-12	2.86E-12	4.54E-12	7.99E-13	4.44E-12	2.51E-11
3076	479363.09	3845877.25	3.66E-08	3.61E-08	3.50E-08	1.27E-11	3.82E-11	2.21E-11	2.18E-11	1.98E-11	9.03E-12	8.77E-12	4.23E-13	1.02E-11	2.25E-12	2.96E-12	4.70E-12	8.29E-13	4.60E-12	2.60E-11
3077	479863.09	3845877.25	3.53E-08	3.48E-08	3.38E-08	1.22E-11	3.69E-11	2.13E-11	2.11E-11	1.91E-11	8.71E-12	8.46E-12	4.08E-13	9.85E-12	2.17E-12	2.86E-12	4.54E-12	7.99E-13	4.44E-12	2.51E-11
3078	480363.09	3845877.25	2.99E-08	2.95E-08	2.87E-08	1.04E-11	3.13E-11	1.81E-11	1.79E-11	1.62E-11	7.39E-12	7.18E-12	3.46E-13	8.36E-12	1.84E-12	2.43E-12	3.85E-12	6.78E-13	3.77E-12	2.13E-11
3079	480863.09	3845877.25	2.82E-08	2.79E-08	2.71E-08	9.78E-12	2.95E-11	1.71E-11	1.69E-11	1.53E-11	6.98E-12	6.77E-12	3.26E-13	7.88E-12	1.74E-12	2.29E-12	3.63E-12	6.40E-13	3.55E-12	2.01E-11
3080	481363.09	3845877.25	2.59E-08	2.56E-08	2.48E-08	8.96E-12	2.71E-11	1.57E-11	1.55E-11	1.40E-11	6.40E-12	6.21E-12	2.99E-13	7.23E-12	1.60E-12	2.10E-12	3.33E-12	5.87E-13	3.26E-12	1.84E-11
3081	481863.09	3845877.25	2.33E-08	2.30E-08	2.23E-08	8.06E-12	2.43E-11	1.41E-11	1.39E-11	1.26E-11	5.75E-12	5.59E-12	2.69E-13	6.50E-12	1.44E-12	1.89E-12	3.00E-12	5.28E-13	2.93E-12	1.66E-11
3082	482363.09	3845877.25	2.06E-08	2.03E-08	1.97E-08	7.12E-12	2.15E-11	1.24E-11	1.23E-11	1.11E-11	5.08E-12	4.93E-12	2.38E-13	5.74E-12	1.27E-12	1.67E-12	2.64E-12	4.66E-13	2.59E-12	1.46E-11
3083	482863.09	3845877.25	1.56E-08	1.54E-08	1.50E-08	5.41E-12	1.63E-11	9.45E-12	9.33E-12	8.45E-12	3.86E-12	3.75E-12	1.81E-13	4.36E-12	9.62E-13	1.27E-12	2.01E-12	3.54E-13	1.97E-12	1.11E-11
3084	483363.09	3845877.25	1.39E-08	1.37E-08	1.33E-08	4.82E-12	1.46E-11	8.43E-12	8.32E-12	7.54E-12	3.44E-12	3.34E-12	1.61E-13	3.89E-12	8.58E-13	1.13E-12	1.79E-12	3.16E-13	1.75E-12	9.90E-12
3085	483863.09	3845877.25	1.65E-08	1.63E-08	1.58E-08	5.72E-12	1.73E-11	1.00E-11	9.87E-12	8.95E-12	4.08E-12	3.96E-12	1.91E-13	4.61E-12	1.02E-12	1.34E-12	2.13E-12	3.75E-13	2.08E-12	1.17E-11
3086	484363.09	3845877.25	1.65E-08	1.63E-08	1.58E-08	5.72E-12	1.73E-11	1.00E-11	9.87E-12	8.95E-12	4.08E-12	3.96E-12	1.91E-13	4.61E-12	1.02E-12	1.34E-12	2.13E-12	3.75E-13	2.08E-12	1.17E-11
3087	484863.09	3845877.25	1.61E-08	1.59E-08	1.55E-08	5.59E-12	1.69E-11	9.76E-12	9.64E-12	8.74E-12	3.99E-12	3.87E-12	1.87E-13	4.51E-12	9.94E-13	1.31E-12	2.08E-12	3.66E-13	2.03E-12	1.15E-11
3088	485363.09	3845877.25	1.54E-08	1.52E-08	1.47E-08	5.32E-12	1.61E-11	9.29E-12	9.17E-12	8.31E-12	3.79E-12	3.68E-12	1.78E-13	4.29E-12	9.46E-13	1.25E-12	1.98E-12	3.48E-13	1.93E-12	1.09E-11
3089	485863.09	3845877.25	1.52E-08	1.50E-08	1.46E-08	5.27E-12	1.59E-11	9.21E-12	9.09E-12	8.24E-12	3.76E-12	3.65E-12	1.76E-13	4.25E-12	9.38E-13	1.23E-12	1.96E-12	3.45E-13	1.92E-12	1.08E-11
3090	486363.09	3845877.25	1.50E-08	1.48E-08	1.43E-08	5.18E-12	1.56E-11	9.06E-12	8.94E-12	8.10E-12	3.70E-12	3.59E-12	1.73E-13	4.18E-12	9.22E-13	1.21E-12	1.92E-12	3.39E-13	1.88E-12	1.06E-11
3091	486863.09	3845877.25	1.44E-08	1.43E-08	1.38E-08	5.00E-12	1.51E-11	8.74E-12	8.63E-12	7.82E-12	3.57E-12	3.46E-12	1.67E-13	4.03E-12	8.90E-13	1.17E-12	1.86E-12	3.27E-13	1.82E-12	1.03E-11
3092	487363.09	3845877.25	1.44E-08	1.43E-08	1.38E-08	5.00E-12	1.51E-11	8.74E-12	8.63E-12	7.82E-12	3.57E-12	3.46E-12	1.67E-13	4.03E-12	8.90E-13	1.17E-12	1.86E-12	3.27E-13	1.82E-12	1.03E-11
3093	487863.09	3845877.25	1.37E-08	1.35E-08	1.31E-08	4.73E-12	1.43E-11	8.27E-12	8.16E-12	7.40E-12	3.38E-12	3.28E-12	1.58E-13	3.82E-12	8.42E-13	1.11E-12	1.76E-12	3.10E-13	1.72E-12	9.71E-12
3094	488363.09	3845877.25	1.26E-08	1.25E-08	1.21E-08	4.37E-12	1.32E-11	7.64E-12	7.54E-12	6.83E-12	3.12E-12	3.03E-12	1.46E-13	3.52E-12	7.78E-13	1.02E-12	1.62E-12	2.86E-13	1.59E-12	8.97E-12
3095	488863.09	3845877.25	1.37E-08	1.35E-08	1.31E-08	4.73E-12	1.43E-11	8.27E-12	8.16E-12	7.40E-12	3.38E-12	3.28E-12	1.58E-13	3.82E-12	8.42E-13	1.11E-12	1.76E-12	3.10E-13	1.72E-12	9.71E-12
3096	489363.09	3845877.25	1.35E-08	1.34E-08	1.30E-08	4.68E-12	1.41E-11	8.19E-12	8.08E-12	7.33E-12	3.34E-12	3.25E-12	1.56E-13	3.78E-12	8.34E-13	1.10E-12	1.74E-12	3.07E-13	1.70E-12	9.62E-12
3097	489863.09	3845877.25	1.30E-08	1.28E-08	1.25E-08	4.50E-12	1.36E-11	7.87E-12	7.77E-12	7.04E-12	3.21E-12	3.12E-12	1.50E-13	3.63E-12	8.02E-13	1.06E-12	1.67E-12	2.95E-13	1.64E-12	9.25E-12
3098	490363.09	3845877.25	1.18E-08	1.17E-08	1.13E-08	4.10E-12	1.24E-11	7.17E-12	7.07E-12	6.41E-12	2.93E-12	2.84E-12	1.37E-13	3.31E-12	7.30E-13	9.60E-13	1.52E-12	2.68E-13	1.49E-12	8.42E-12
3099	490863.09	3845877.25	1.00E-08	9.89E-09	9.60E-09	3.47E-12	1.05E-11	6.06E-12	5.98E-12	5.42E-12	2.48E-12	2.40E-12	1.16E-13	2.80E-12	6.17E-13	8.12E-13	1.29E-12	2.27E-13	1.26E-12	7.12E-12
3100	491363.09	3845877.25	1.04E-08	1.03E-08	9.98E-09	3.60E-12	1.09E-11	6.30E-12	6.22E-12	5.64E-12	2.57E-12	2.50E-12	1.20E-13	2.91E-12	6.41E-13	8.44E-13	1.34E-12	2.36E-13	1.31E-12	7.40E-12
3101	491863.09	3845877.25	1.07E-08	1.05E-08	1.02E-08	3.69E-12	1.12E-11	6.46E-12	6.37E-12	5.78E-12	2.64E-12	2.56E-12	1.23E-13	2.98E-12	6.57E-13	8.65E-13	1.37E-12	2.42E-13	1.34E-12	7.58E-12
3102	492363.09	3845877.25	9.89E-09	9.76E-09	9.48E-09	3.42E-12	1.03E-11	5.98E-12	5.91E-12	5.35E-12	2.44E-12	2.37E-12	1.14E-13	2.76E-12	6.09E-13	8.02E-13	1.27E-12	2.24E-13	1.25E-12	7.03E-12
3103	492863.09	3845877.25	1.11E-08	1.09E-08	1.06E-08	3.83E-12	1.16E-11	6.69E-12	6.61E-12	5.99E-12	2.73E-12	2.65E-12	1.28E-13	3.09E-12	6.82E-13	8.97E-13	1.42E-12	2.51E-13	1.39E-12	7.86E-12
3104	493363.09	3845877.25	1.16E-08	1.14E-08	1.11E-08	4.01E-12	1.21E-11	7.01E-12	6.92E-12	6.27E-12	2.86E-12	2.78E-12	1.34E-13	3.23E-12	7.14E-13	9.39E-13	1.49E-12	2.63E-13	1.46E-12	8.23E-12
3105	493863.09	3845877.25	1.16E-08	1.14E-08	1.11E-08	4.01E-12	1.21E-11	7.01E-12	6.92E-12	6.27E-12	2.86E-12	2.78E-12	1.34E-13	3.23E-12	7.14E-13	9.39E-13	1.49E-12	2.63E-13	1.46E-12	8.23E-12
3106	494363.09	3845877.25	1.18E-08	1.17E-08	1.13E-08	4.10E-12	1.24E-11	7.17E-12	7.07E-12	6.41E-12	2.93E-12	2.84E-12	1.37E-13	3.31E-12	7.30E-13	9.60E-13	1.52E-12	2.68E-13	1.49E-12	8.42E-12
3107	494863.09	3845877.25	1.22E-08	1.21E-08	1.17E-08	4.23E-12	1.28E-11	7.40E-12	7.31E-12	6.62E-12	3.02E-12	2.93E-12	1.41E-13	3.42E-12	7.54E-13	9.92E-13	1.57E-12	2.77E-13	1.54E-12	8.69E-12
3108	495363.09	3845877.25	1.24E-08	1.22E-08	1.18E-08	4.28E-12	1.29E-11	7.48E-12	7.38E-12	6.69E-12	3.05E-12	2.97E-12	1.43E-13	3.45E-12	7.62E-13	1.00E-12	1.59E-12	2.80E-13	1.56E-12	8.79E-12
3109	495863.09	3845877.25	1.25E-08	1.23E-08	1.20E-08	4.32E-12	1.31E-11	7.56E-12	7.46E-12	6.76E-12	3.09E-12	3.00E-12	1.44E-13	3.49E-12	7.70E-13	1.01E-12	1.61E-12	2.83E-13	1.57E-12	8.88E-12
3110	496363.09	3845877.25	1.28E-08	1.26E-08	1.22E-08	4.41E-12	1.33E-11	7.72E-12	7.62E-12	6.90E-12	3.15E-12	3.06E-12	1.47E-13	3.56E-12	7.86E-13	1.03E-12	1.64E-12	2.89E-13	1.61E-12	9.06E-12
3111	496863.09	3845877.25	1.24E-08	1.22E-08	1.18E-08	4.28E-12	1.29E-11	7.48E-12	7.38E-12	6.69E-12	3.05E-12	2.97E-12	1.43E-13	3.45E-12	7.62E-13	1.00E-12	1.59E-12	2.80E-13	1.56E-12	8.79E-12
3112	497363.09	3845877.25	1.30E-08	1.28E-08	1.25E-08	4.50E-12	1.36E-11	7.87E-12	7.77E-12	7.04E-12	3.21E-12	3.12E-12	1.50E-13	3.63E-12	8.02E-13	1.06E-12	1.67E-12	2.95E-13	1.64E-12	9.25E-12
3113	497863.09	3845877.25	1.39E-08	1.37E-08	1.33E-08	4.82E-12	1.46E-11	8.43E-12	8.32E-12	7.54E-12	3.44E-12	3.34E-12	1.61E-13	3.89E-12	8.58E-13	1.13E-12	1.79E-12	3.16E-13	1.75E-12	9.90E-12
3114	498363.09	3845877.25	1.39E-08	1.37E-08	1.33E-08	4.82E-12	1.46E-11	8.43E-12	8.32E-12	7.54E-12	3.44E-12	3.34E-12	1.61E-13	3.89E-12	8.58E-13	1.13E-12	1.79E-12	3.16E-13	1.75E-12	9.90E-12
3115	471363.09	3846377.25	4.80E-08	4.74E-08	4.60E-08	1.66E-11	5.02E-11	2.91E-11	2.87E-11	2.60E-11	1.19E-11	1.15E-11	5.55E-13	1.34E-11	2.96E-12	3.89E-12	6.18E-12	1.09E-12	6.04E-12	3.41E-11
3116	471863.09	3846377.25	4.52E-08	4.46E-08	4.33E-08	1.56E-11	4.72E-11	2.73E-11	2.70E-11	2.44E-11	1.12E-11	1.08E-11	5.22E-13	1.26E-11	2.78E-12	3.66E-12	5.81E-12	1.02E-12	5.68E-12	3.21E-11
3117	472363.09	3846377.25	3.47E-08	3.43E-08	3.33E-08	1.20E-11	3.63E-11	2.10E-11	2.07E-11	1.88E-11	8.58E-12	8.33E-12	4.02E-13	9.70E-12	2.14E-12	2.82E-12	4.47E-12	7.88E-13	4.37E-12	2.47E-11
3118	472863.09	3846377.25	3.55E-08	3.51E-08	3.40E-08	1.23E-11	3.71E-11	2.15E-11	2.12E-11	1.92E-11	8.78E-12	8.52E-12	4.11E-13	9.92E-12	2.19E-12	2.88E-12	4.57E-12	8.05E-13	4.47E-12	2.52E-11
3119	473363.09	3846377.25	3.59E-08	3.54E-08	3.44E-08	1.24E-11	3.75E-11	2.17E-11	2.14E-11	1.94E-11	8.87E-12	8.62E-12	4.15E-13	1.00E-11	2.21E-12	2.91E-12	4.62E-12	8.14E-13	4.52E-12	2.55E-11
3120	473863.09	3846377.25	3.72E-08	3.67E-08	3.57E-08	1.29E-11	3.89E-11	2.25E-11	2.22E-11	2.01E-11	9.19E-12	8.93E-12	4.30E-13	1.04E-11	2.29E-12	3.02E-12	4.79E-12	8.44E-13	4.69E-12	2.64E-11

3121	474363.09	3846377.25	3.81E-08	3.76E-08	3.65E-08	1.32E-11	3.99E-11	2.31E-11	2.28E-11	2.06E-11	9.42E-12	9.15E-12	4.41E-13	1.06E-11	2.35E-12	3.09E-12	4.90E-12	8.64E-13	4.80E-12	2.71E-11
3122	474863.09	3846377.25	4.07E-08	4.02E-08	3.90E-08	1.41E-11	4.26E-11	2.46E-11	2.43E-11	2.20E-11	1.01E-11	9.77E-12	4.71E-13	1.14E-11	2.51E-12	3.30E-12	5.24E-12	9.23E-13	5.13E-12	2.89E-11
3123	475363.09	3846377.25	4.24E-08	4.19E-08	4.07E-08	1.47E-11	4.43E-11	2.57E-11	2.53E-11	2.30E-11	1.05E-11	1.02E-11	4.90E-13	1.18E-11	2.61E-12	3.44E-12	5.46E-12	9.62E-13	5.34E-12	3.01E-11
3124	475863.09	3846377.25	4.55E-08	4.50E-08	4.37E-08	1.58E-11	4.76E-11	2.76E-11	2.72E-11	2.47E-11	1.13E-11	1.09E-11	5.26E-13	1.27E-11	2.81E-12	3.69E-12	5.86E-12	1.03E-12	5.73E-12	3.24E-11
3125	476363.09	3846377.25	4.80E-08	4.74E-08	4.60E-08	1.66E-11	5.02E-11	2.91E-11	2.87E-11	2.60E-11	1.19E-11	1.15E-11	5.55E-13	1.34E-11	2.96E-12	3.89E-12	6.18E-12	1.09E-12	6.04E-12	3.41E-11
3126	476863.09	3846377.25	4.81E-08	4.75E-08	4.61E-08	1.67E-11	5.03E-11	2.91E-11	2.88E-11	2.61E-11	1.19E-11	1.15E-11	5.57E-13	1.34E-11	2.97E-12	3.90E-12	6.19E-12	1.09E-12	6.06E-12	3.42E-11
3127	477363.09	3846377.25	4.67E-08	4.61E-08	4.48E-08	1.62E-11	4.88E-11	2.83E-11	2.79E-11	2.53E-11	1.15E-11	1.12E-11	5.40E-13	1.30E-11	2.88E-12	3.79E-12	6.01E-12	1.06E-12	5.88E-12	3.32E-11
3128	477863.09	3846377.25	4.57E-08	4.51E-08	4.38E-08	1.58E-11	4.77E-11	2.76E-11	2.73E-11	2.47E-11	1.13E-11	1.10E-11	5.28E-13	1.28E-11	2.81E-12	3.70E-12	5.88E-12	1.04E-12	5.75E-12	3.25E-11
3129	478363.09	3846377.25	4.29E-08	4.24E-08	4.12E-08	1.49E-11	4.49E-11	2.60E-11	2.56E-11	2.32E-11	1.06E-11	1.03E-11	4.96E-13	1.20E-11	2.65E-12	3.48E-12	5.52E-12	9.73E-13	5.41E-12	3.05E-11
3130	478863.09	3846377.25	4.05E-08	3.99E-08	3.88E-08	1.40E-11	4.23E-11	2.45E-11	2.42E-11	2.19E-11	1.00E-11	9.71E-12	4.68E-13	1.13E-11	2.49E-12	3.28E-12	5.21E-12	9.17E-13	5.09E-12	2.88E-11
3131	479363.09	3846377.25	3.97E-08	3.92E-08	3.80E-08	1.37E-11	4.15E-11	2.40E-11	2.37E-11	2.15E-11	9.80E-12	9.52E-12	4.59E-13	1.11E-11	2.45E-12	3.22E-12	5.11E-12	9.00E-13	5.00E-12	2.82E-11
3132	479863.09	3846377.25	3.88E-08	3.83E-08	3.72E-08	1.34E-11	4.05E-11	2.35E-11	2.32E-11	2.10E-11	9.58E-12	9.30E-12	4.48E-13	1.08E-11	2.39E-12	3.14E-12	4.99E-12	8.79E-13	4.88E-12	2.76E-11
3133	480363.09	3846377.25	3.75E-08	3.70E-08	3.59E-08	1.30E-11	3.92E-11	2.27E-11	2.24E-11	2.03E-11	9.26E-12	8.99E-12	4.33E-13	1.05E-11	2.31E-12	3.04E-12	4.82E-12	8.50E-13	4.72E-12	2.66E-11
3134	480863.09	3846377.25	3.18E-08	3.13E-08	3.04E-08	1.10E-11	3.32E-11	1.92E-11	1.90E-11	1.72E-11	7.84E-12	7.62E-12	3.67E-13	8.87E-12	1.96E-12	2.57E-12	4.08E-12	7.20E-13	4.00E-12	2.26E-11
3135	481363.09	3846377.25	3.10E-08	3.06E-08	2.97E-08	1.07E-11	3.24E-11	1.87E-11	1.85E-11	1.68E-11	7.65E-12	7.43E-12	3.58E-13	8.65E-12	1.91E-12	2.51E-12	3.98E-12	7.02E-13	3.90E-12	2.20E-11
3136	481863.09	3846377.25	2.75E-08	2.71E-08	2.63E-08	9.51E-12	2.87E-11	1.66E-11	1.64E-11	1.49E-11	6.78E-12	6.59E-12	3.17E-13	7.67E-12	1.69E-12	2.23E-12	3.53E-12	6.22E-13	3.46E-12	1.95E-11
3137	482363.09	3846377.25	2.38E-08	2.35E-08	2.28E-08	8.24E-12	2.49E-11	1.44E-11	1.42E-11	1.29E-11	5.88E-12	5.71E-12	2.75E-13	6.65E-12	1.47E-12	1.93E-12	3.06E-12	5.40E-13	3.00E-12	1.69E-11
3138	482863.09	3846377.25	1.91E-08	1.89E-08	1.83E-08	6.62E-12	2.00E-11	1.16E-11	1.14E-11	1.04E-11	4.73E-12	4.59E-12	2.21E-13	5.34E-12	1.18E-12	1.55E-12	2.46E-12	4.34E-13	2.41E-12	1.36E-11
3139	483363.09	3846377.25	1.91E-08	1.89E-08	1.83E-08	6.62E-12	2.00E-11	1.16E-11	1.14E-11	1.04E-11	4.73E-12	4.59E-12	2.21E-13	5.34E-12	1.18E-12	1.55E-12	2.46E-12	4.34E-13	2.41E-12	1.36E-11
3140	483863.09	3846377.25	1.86E-08	1.84E-08	1.78E-08	6.44E-12	1.95E-11	1.13E-11	1.11E-11	1.01E-11	4.60E-12	4.46E-12	2.15E-13	5.20E-12	1.15E-12	1.51E-12	2.39E-12	4.22E-13	2.34E-12	1.32E-11
3141	484363.09	3846377.25	1.72E-08	1.70E-08	1.65E-08	5.95E-12	1.80E-11	1.04E-11	1.03E-11	9.30E-12	4.24E-12	4.12E-12	1.99E-13	4.80E-12	1.06E-12	1.39E-12	2.21E-12	3.89E-13	2.16E-12	1.22E-11
3142	484863.09	3846377.25	1.86E-08	1.84E-08	1.78E-08	6.44E-12	1.95E-11	1.13E-11	1.11E-11	1.01E-11	4.60E-12	4.46E-12	2.15E-13	5.20E-12	1.15E-12	1.51E-12	2.39E-12	4.22E-13	2.34E-12	1.32E-11
3143	485363.09	3846377.25	1.85E-08	1.82E-08	1.77E-08	6.40E-12	1.93E-11	1.12E-11	1.10E-11	1.00E-11	4.56E-12	4.43E-12	2.14E-13	5.16E-12	1.14E-12	1.50E-12	2.38E-12	4.19E-13	2.33E-12	1.31E-11
3144	485863.09	3846377.25	1.69E-08	1.67E-08	1.62E-08	5.86E-12	1.77E-11	1.02E-11	1.01E-11	9.16E-12	4.18E-12	4.06E-12	1.96E-13	4.72E-12	1.04E-12	1.37E-12	2.18E-12	3.83E-13	2.13E-12	1.20E-11
3145	486363.09	3846377.25	1.50E-08	1.48E-08	1.43E-08	5.18E-12	1.56E-11	9.06E-12	8.94E-12	8.10E-12	3.70E-12	3.59E-12	1.73E-13	4.18E-12	9.22E-13	1.21E-12	1.92E-12	3.39E-13	1.88E-12	1.06E-11
3146	486863.09	3846377.25	1.47E-08	1.45E-08	1.41E-08	5.09E-12	1.54E-11	8.90E-12	8.78E-12	7.96E-12	3.63E-12	3.53E-12	1.70E-13	4.11E-12	9.06E-13	1.19E-12	1.89E-12	3.33E-13	1.85E-12	1.05E-11
3147	487363.09	3846377.25	1.52E-08	1.50E-08	1.46E-08	5.27E-12	1.59E-11	9.21E-12	9.09E-12	8.24E-12	3.76E-12	3.65E-12	1.76E-13	4.25E-12	9.38E-13	1.23E-12	1.96E-12	3.45E-13	1.92E-12	1.08E-11
3148	487863.09	3846377.25	1.61E-08	1.59E-08	1.55E-08	5.59E-12	1.69E-11	9.76E-12	9.64E-12	8.74E-12	3.99E-12	3.87E-12	1.87E-13	4.51E-12	9.94E-13	1.31E-12	2.08E-12	3.66E-13	2.03E-12	1.15E-11
3149	488363.09	3846377.25	1.52E-08	1.50E-08	1.46E-08	5.27E-12	1.59E-11	9.21E-12	9.09E-12	8.24E-12	3.76E-12	3.65E-12	1.76E-13	4.25E-12	9.38E-13	1.23E-12	1.96E-12	3.45E-13	1.92E-12	1.08E-11
3150	488863.09	3846377.25	1.48E-08	1.46E-08	1.42E-08	5.14E-12	1.55E-11	8.98E-12	8.86E-12	8.03E-12	3.66E-12	3.56E-12	1.71E-13	4.14E-12	9.14E-13	1.20E-12	1.91E-12	3.36E-13	1.87E-12	1.05E-11
3151	489363.09	3846377.25	1.46E-08	1.44E-08	1.40E-08	5.05E-12	1.52E-11	8.82E-12	8.70E-12	7.89E-12	3.60E-12	3.50E-12	1.68E-13	4.07E-12	8.98E-13	1.18E-12	1.87E-12	3.30E-13	1.83E-12	1.04E-11
3152	489863.09	3846377.25	1.41E-08	1.39E-08	1.35E-08	4.87E-12	1.47E-11	8.50E-12	8.39E-12	7.61E-12	3.47E-12	3.37E-12	1.62E-13	3.92E-12	8.66E-13	1.14E-12	1.81E-12	3.19E-13	1.77E-12	9.99E-12
3153	490363.09	3846377.25	1.21E-08	1.19E-08	1.16E-08	4.19E-12	1.26E-11	7.32E-12	7.23E-12	6.55E-12	2.99E-12	2.90E-12	1.40E-13	3.38E-12	7.46E-13	9.81E-13	1.56E-12	2.74E-13	1.52E-12	8.60E-12
3154	490863.09	3846377.25	1.12E-08	1.10E-08	1.07E-08	3.87E-12	1.17E-11	6.77E-12	6.68E-12	6.06E-12	2.76E-12	2.68E-12	1.29E-13	3.12E-12	6.90E-13	9.07E-13	1.44E-12	2.54E-13	1.41E-12	7.95E-12
3155	491363.09	3846377.25	1.07E-08	1.05E-08	1.02E-08	3.69E-12	1.12E-11	6.46E-12	6.37E-12	5.78E-12	2.64E-12	2.56E-12	1.23E-13	2.98E-12	6.57E-13	8.65E-13	1.37E-12	2.42E-13	1.34E-12	7.58E-12
3156	491863.09	3846377.25	1.15E-08	1.13E-08	1.10E-08	3.96E-12	1.20E-11	6.93E-12	6.84E-12	6.20E-12	2.83E-12	2.75E-12	1.32E-13	3.20E-12	7.06E-13	9.29E-13	1.47E-12	2.60E-13	1.44E-12	8.14E-12
3157	492363.09	3846377.25	1.13E-08	1.12E-08	1.09E-08	3.92E-12	1.18E-11	6.85E-12	6.76E-12	6.13E-12	2.80E-12	2.72E-12	1.31E-13	3.16E-12	6.98E-13	9.18E-13	1.46E-12	2.57E-13	1.43E-12	8.05E-12
3158	492863.09	3846377.25	1.16E-08	1.14E-08	1.11E-08	4.01E-12	1.21E-11	7.01E-12	6.92E-12	6.27E-12	2.86E-12	2.78E-12	1.34E-13	3.23E-12	7.14E-13	9.39E-13	1.49E-12	2.63E-13	1.46E-12	8.23E-12
3159	493363.09	3846377.25	1.22E-08	1.21E-08	1.17E-08	4.23E-12	1.28E-11	7.40E-12	7.31E-12	6.62E-12	3.02E-12	2.93E-12	1.41E-13	3.42E-12	7.54E-13	9.92E-13	1.57E-12	2.77E-13	1.54E-12	8.69E-12
3160	493863.09	3846377.25	1.21E-08	1.19E-08	1.16E-08	4.19E-12	1.26E-11	7.32E-12	7.23E-12	6.55E-12	2.99E-12	2.90E-12	1.40E-13	3.38E-12	7.46E-13	9.81E-13	1.56E-12	2.74E-13	1.52E-12	8.60E-12
3161	494363.09	3846377.25	1.26E-08	1.25E-08	1.21E-08	4.37E-12	1.32E-11	7.64E-12	7.54E-12	6.83E-12	3.12E-12	3.03E-12	1.46E-13	3.52E-12	7.78E-13	1.02E-12	1.62E-12	2.86E-13	1.59E-12	8.97E-12
3162	494863.09	3846377.25	1.30E-08	1.28E-08	1.25E-08	4.50E-12	1.36E-11	7.87E-12	7.77E-12	7.04E-12	3.21E-12	3.12E-12	1.50E-13	3.63E-12	8.02E-13	1.06E-12	1.67E-12	2.95E-13	1.64E-12	9.25E-12
3163	495363.09	3846377.25	1.30E-08	1.28E-08	1.25E-08	4.50E-12	1.36E-11	7.87E-12	7.77E-12	7.04E-12	3.21E-12	3.12E-12	1.50E-13	3.63E-12	8.02E-13	1.06E-12	1.67E-12	2.95E-13	1.64E-12	9.25E-12
3164	495863.09	3846377.25	1.33E-08	1.31E-08	1.27E-08	4.59E-12	1.39E-11	8.03E-12	7.93E-12	7.19E-12	3.28E-12	3.18E-12	1.53E-13	3.71E-12	8.18E-13	1.08E-12	1.71E-12	3.01E-13	1.67E-12	9.43E-12
3165	496363.09	3846377.25	1.31E-08	1.30E-08	1.26E-08	4.55E-12	1.37E-11	7.95E-12	7.85E-12	7.12E-12	3.25E-12	3.15E-12	1.52E-13	3.67E-12	8.10E-13	1.07E-12	1.69E-12	2.98E-13	1.65E-12	9.34E-12
3166	496863.09	3846377.25	1.34E-08	1.32E-08	1.28E-08	4.64E-12	1.40E-11	8.11E-12	8.00E-12	7.26E-12	3.31E-12	3.22E-12	1.55E-13	3.74E-12	8.26E-13	1.09E-12	1.72E-12	3.04E-13	1.69E-12	9.53E-12
3167	497363.09	3846377.25	1.47E-08	1.45E-08	1.41E-08	5.09E-12	1.54E-11	8.90E-12	8.78E-12	7.96E-12	3.63E-12	3.53E-12	1.70E-13	4.11E-12	9.06E-13	1.19E-12	1.89E-12	3.33E-13	1.85E-12	1.05E-11
3168	497863.09	3846377.25	1.48E-08	1.46E-08	1.42E-08	5.14E-12	1.55E-11	8.98E-12	8.86E-12	8.03E-12	3.66E-12	3.56E-12	1.71E-13	4.14E-12	9.14E-13	1.20E-12	1.91E-12	3.36E-13	1.87E-12	1.05E-11
3169	498363.09	3846377.25	1.51E-08	1.49E-08	1.45E-08	5.23E-12	1.58E-11	9.13E-12	9.01E-12	8.17E-12	3.73E-12	3.62E-12	1.74E-13	4.21E-12	9.30E-13	1.22E-12	1.94E-12	3.42E-13	1.90E-12	1.07E-11
3170	471363.09	3846877.25	5.01E-08	4.94E-08	4.80E-08	1.73E-11	5.24E-11	3.03E-11	2.99E-11	2.71E-11	1.24E-11	1.20E-11	5.79E-13	1.40E-11	3.09E-12	4.06E-12	6.44E-12	1.14E-12	6.31E-12	3.56E-11
3171	471863.09	3846877.25	5.13E-08	5.06E-08	4.91E-08	1.77E-11	5.36E-11	3.10E-11	3.06E-11	2.78E-11	1.27E-11	1.23E-11	5.93E-13	1.43E-11	3.16E-12	4.16E-12	6.59E-12	1.16E-12	6.45E-12	3.64E-11
3172	472363.09	3846877.25	5.04E-08	4.97E-08	4.83E-08	1.74E-11	5.26E-11	3.05E-11	3.01E-11	2.73E-11	1.24E-11	1.21E-11	5.82E-13	1.41E-11	3.10E-12	4.08E-12	6.48E-12	1.14E-12	6.34E-12	3.58E-11
3173	472863.09	3846877.25	3.67E-08	3.62E-08	3.52E-08	1.27E-11	3.84E-11	2.22E-11	2.19E-11	1.99E-11	9.06E-12	8.80E-12	4.24E-13	1.02E-11	2.26E-12	2.98E-12	4.72E-12	8.32E-13	4.62E-12	2.61E-11

3174	473363.09	3846877.25	3.97E-08	3.92E-08	3.80E-08	1.37E-11	4.15E-11	2.40E-11	2.37E-11	2.15E-11	9.80E-12	9.52E-12	4.59E-13	1.11E-11	2.45E-12	3.22E-12	5.11E-12	9.00E-13	5.00E-12	2.82E-11
3175	473863.09	3846877.25	4.28E-08	4.23E-08	4.10E-08	1.48E-11	4.47E-11	2.59E-11	2.56E-11	2.32E-11	1.06E-11	1.03E-11	4.95E-13	1.20E-11	2.64E-12	3.47E-12	5.51E-12	9.71E-13	5.39E-12	3.04E-11
3176	474363.09	3846877.25	4.23E-08	4.17E-08	4.05E-08	1.46E-11	4.42E-11	2.56E-11	2.53E-11	2.29E-11	1.04E-11	1.01E-11	4.89E-13	1.18E-11	2.61E-12	3.43E-12	5.44E-12	9.59E-13	5.32E-12	3.01E-11
3177	474863.09	3846877.25	4.22E-08	4.16E-08	4.04E-08	1.46E-11	4.41E-11	2.55E-11	2.52E-11	2.28E-11	1.04E-11	1.01E-11	4.87E-13	1.18E-11	2.60E-12	3.42E-12	5.42E-12	9.56E-13	5.31E-12	3.00E-11
3178	475363.09	3846877.25	4.29E-08	4.24E-08	4.12E-08	1.49E-11	4.49E-11	2.60E-11	2.56E-11	2.32E-11	1.06E-11	1.03E-11	4.96E-13	1.20E-11	2.65E-12	3.48E-12	5.52E-12	9.73E-13	5.41E-12	3.05E-11
3179	475863.09	3846877.25	4.63E-08	4.57E-08	4.44E-08	1.60E-11	4.84E-11	2.80E-11	2.77E-11	2.51E-11	1.14E-11	1.11E-11	5.36E-13	1.29E-11	2.85E-12	3.76E-12	5.96E-12	1.05E-12	5.83E-12	3.29E-11
3180	476363.09	3846877.25	4.88E-08	4.82E-08	4.68E-08	1.69E-11	5.10E-11	2.95E-11	2.91E-11	2.64E-11	1.21E-11	1.17E-11	5.64E-13	1.36E-11	3.01E-12	3.96E-12	6.28E-12	1.11E-12	6.14E-12	3.47E-11
3181	476863.09	3846877.25	5.17E-08	5.10E-08	4.95E-08	1.79E-11	5.40E-11	3.13E-11	3.09E-11	2.80E-11	1.28E-11	1.24E-11	5.97E-13	1.44E-11	3.18E-12	4.19E-12	6.65E-12	1.17E-12	6.50E-12	3.67E-11
3182	477363.09	3846877.25	5.23E-08	5.16E-08	5.01E-08	1.81E-11	5.47E-11	3.17E-11	3.12E-11	2.83E-11	1.29E-11	1.25E-11	6.05E-13	1.46E-11	3.22E-12	4.24E-12	6.73E-12	1.19E-12	6.59E-12	3.72E-11
3183	477863.09	3846877.25	4.98E-08	4.92E-08	4.78E-08	1.73E-11	5.21E-11	3.02E-11	2.98E-11	2.70E-11	1.23E-11	1.20E-11	5.76E-13	1.39E-11	3.07E-12	4.04E-12	6.41E-12	1.13E-12	6.27E-12	3.54E-11
3184	478363.09	3846877.25	5.02E-08	4.96E-08	4.81E-08	1.74E-11	5.25E-11	3.04E-11	3.00E-11	2.72E-11	1.24E-11	1.20E-11	5.81E-13	1.40E-11	3.09E-12	4.07E-12	6.46E-12	1.14E-12	6.32E-12	3.57E-11
3185	478863.09	3846877.25	4.88E-08	4.82E-08	4.68E-08	1.69E-11	5.10E-11	2.95E-11	2.91E-11	2.64E-11	1.21E-11	1.17E-11	5.64E-13	1.36E-11	3.01E-12	3.96E-12	6.28E-12	1.11E-12	6.14E-12	3.47E-11
3186	479363.09	3846877.25	4.42E-08	4.37E-08	4.24E-08	1.53E-11	4.62E-11	2.68E-11	2.64E-11	2.40E-11	1.09E-11	1.06E-11	5.11E-13	1.24E-11	2.73E-12	3.59E-12	5.69E-12	1.00E-12	5.57E-12	3.14E-11
3187	479863.09	3846877.25	3.80E-08	3.75E-08	3.64E-08	1.32E-11	3.97E-11	2.30E-11	2.27E-11	2.06E-11	9.39E-12	9.11E-12	4.39E-13	1.06E-11	2.34E-12	3.08E-12	4.89E-12	8.61E-13	4.78E-12	2.70E-11
3188	480363.09	3846877.25	3.40E-08	3.35E-08	3.26E-08	1.18E-11	3.55E-11	2.06E-11	2.03E-11	1.84E-11	8.39E-12	8.15E-12	3.93E-13	9.48E-12	2.09E-12	2.75E-12	4.37E-12	7.70E-13	4.28E-12	2.41E-11
3189	480863.09	3846877.25	3.06E-08	3.02E-08	2.93E-08	1.06E-11	3.20E-11	1.85E-11	1.83E-11	1.66E-11	7.55E-12	7.34E-12	3.54E-13	8.54E-12	1.88E-12	2.48E-12	3.93E-12	6.93E-13	3.85E-12	2.17E-11
3190	481363.09	3846877.25	3.15E-08	3.11E-08	3.02E-08	1.09E-11	3.29E-11	1.91E-11	1.88E-11	1.70E-11	7.78E-12	7.55E-12	3.64E-13	8.79E-12	1.94E-12	2.55E-12	4.05E-12	7.14E-13	3.96E-12	2.24E-11
3191	481863.09	3846877.25	3.06E-08	3.02E-08	2.93E-08	1.06E-11	3.20E-11	1.85E-11	1.83E-11	1.66E-11	7.55E-12	7.34E-12	3.54E-13	8.54E-12	1.88E-12	2.48E-12	3.93E-12	6.93E-13	3.85E-12	2.17E-11
3192	482363.09	3846877.25	2.58E-08	2.54E-08	2.47E-08	8.92E-12	2.69E-11	1.56E-11	1.54E-11	1.39E-11	6.36E-12	6.18E-12	2.98E-13	7.19E-12	1.59E-12	2.09E-12	3.31E-12	5.84E-13	3.24E-12	1.83E-11
3193	482863.09	3846877.25	2.42E-08	2.39E-08	2.32E-08	8.38E-12	2.53E-11	1.46E-11	1.45E-11	1.31E-11	5.98E-12	5.81E-12	2.80E-13	6.76E-12	1.49E-12	1.96E-12	3.11E-12	5.49E-13	3.05E-12	1.72E-11
3194	483363.09	3846877.25	2.24E-08	2.21E-08	2.15E-08	7.75E-12	2.34E-11	1.35E-11	1.34E-11	1.21E-11	5.53E-12	5.37E-12	2.59E-13	6.25E-12	1.38E-12	1.81E-12	2.88E-12	5.07E-13	2.82E-12	1.59E-11
3195	483863.09	3846877.25	2.10E-08	2.07E-08	2.01E-08	7.25E-12	2.19E-11	1.27E-11	1.25E-11	1.13E-11	5.18E-12	5.03E-12	2.42E-13	5.85E-12	1.29E-12	1.70E-12	2.69E-12	4.75E-13	2.64E-12	1.49E-11
3196	484363.09	3846877.25	2.11E-08	2.08E-08	2.02E-08	7.30E-12	2.20E-11	1.28E-11	1.26E-11	1.14E-11	5.21E-12	5.06E-12	2.44E-13	5.89E-12	1.30E-12	1.71E-12	2.71E-12	4.78E-13	2.65E-12	1.50E-11
3197	484863.09	3846877.25	2.06E-08	2.03E-08	1.97E-08	7.12E-12	2.15E-11	1.24E-11	1.23E-11	1.11E-11	5.08E-12	4.93E-12	2.38E-13	5.74E-12	1.27E-12	1.67E-12	2.64E-12	4.66E-13	2.59E-12	1.46E-11
3198	485363.09	3846877.25	2.04E-08	2.02E-08	1.96E-08	7.07E-12	2.14E-11	1.24E-11	1.22E-11	1.11E-11	5.05E-12	4.90E-12	2.36E-13	5.70E-12	1.26E-12	1.66E-12	2.63E-12	4.63E-13	2.57E-12	1.45E-11
3199	485863.09	3846877.25	1.91E-08	1.89E-08	1.83E-08	6.62E-12	2.00E-11	1.16E-11	1.14E-11	1.04E-11	4.73E-12	4.59E-12	2.21E-13	5.34E-12	1.18E-12	1.55E-12	2.46E-12	4.34E-13	2.41E-12	1.36E-11
3200	486363.09	3846877.25	1.98E-08	1.95E-08	1.90E-08	6.85E-12	2.07E-11	1.20E-11	1.18E-11	1.07E-11	4.89E-12	4.74E-12	2.29E-13	5.52E-12	1.22E-12	1.60E-12	2.54E-12	4.48E-13	2.49E-12	1.41E-11
3201	486863.09	3846877.25	1.76E-08	1.73E-08	1.68E-08	6.08E-12	1.84E-11	1.06E-11	1.05E-11	9.51E-12	4.34E-12	4.21E-12	2.03E-13	4.91E-12	1.08E-12	1.42E-12	2.26E-12	3.98E-13	2.21E-12	1.25E-11
3202	487363.09	3846877.25	1.80E-08	1.77E-08	1.72E-08	6.22E-12	1.88E-11	1.09E-11	1.07E-11	9.72E-12	4.44E-12	4.31E-12	2.08E-13	5.01E-12	1.11E-12	1.46E-12	2.31E-12	4.07E-13	2.26E-12	1.28E-11
3203	487863.09	3846877.25	1.77E-08	1.75E-08	1.70E-08	6.13E-12	1.85E-11	1.07E-11	1.06E-11	9.58E-12	4.37E-12	4.25E-12	2.05E-13	4.94E-12	1.09E-12	1.43E-12	2.28E-12	4.01E-13	2.23E-12	1.26E-11
3204	488363.09	3846877.25	1.65E-08	1.63E-08	1.58E-08	5.72E-12	1.73E-11	1.00E-11	9.87E-12	8.95E-12	4.08E-12	3.96E-12	1.91E-13	4.61E-12	1.02E-12	1.34E-12	2.13E-12	3.75E-13	2.08E-12	1.17E-11
3205	488863.09	3846877.25	1.63E-08	1.61E-08	1.56E-08	5.63E-12	1.70E-11	9.84E-12	9.71E-12	8.81E-12	4.02E-12	3.90E-12	1.88E-13	4.54E-12	1.00E-12	1.32E-12	2.09E-12	3.69E-13	2.05E-12	1.16E-11
3206	489363.09	3846877.25	1.60E-08	1.58E-08	1.53E-08	5.54E-12	1.67E-11	9.69E-12	9.56E-12	8.66E-12	3.95E-12	3.84E-12	1.85E-13	4.47E-12	9.86E-13	1.30E-12	2.06E-12	3.63E-13	2.01E-12	1.14E-11
3207	489863.09	3846877.25	1.55E-08	1.53E-08	1.48E-08	5.36E-12	1.62E-11	9.37E-12	9.25E-12	8.38E-12	3.83E-12	3.71E-12	1.79E-13	4.32E-12	9.54E-13	1.26E-12	1.99E-12	3.51E-13	1.95E-12	1.10E-11
3208	490363.09	3846877.25	1.37E-08	1.35E-08	1.31E-08	4.73E-12	1.43E-11	8.27E-12	8.16E-12	7.40E-12	3.38E-12	3.28E-12	1.58E-13	3.82E-12	8.42E-13	1.11E-12	1.76E-12	3.10E-13	1.72E-12	9.71E-12
3209	490863.09	3846877.25	1.29E-08	1.27E-08	1.23E-08	4.46E-12	1.35E-11	7.80E-12	7.69E-12	6.97E-12	3.18E-12	3.09E-12	1.49E-13	3.60E-12	7.94E-13	1.04E-12	1.66E-12	2.92E-13	1.62E-12	9.16E-12
3210	491363.09	3846877.25	1.22E-08	1.21E-08	1.17E-08	4.23E-12	1.28E-11	7.40E-12	7.31E-12	6.62E-12	3.02E-12	2.93E-12	1.41E-13	3.42E-12	7.54E-13	9.92E-13	1.57E-12	2.77E-13	1.54E-12	8.69E-12
3211	491863.09	3846877.25	1.16E-08	1.14E-08	1.11E-08	4.01E-12	1.21E-11	7.01E-12	6.92E-12	6.27E-12	2.86E-12	2.78E-12	1.34E-13	3.23E-12	7.14E-13	9.39E-13	1.49E-12	2.63E-13	1.46E-12	8.23E-12
3212	492363.09	3846877.25	1.28E-08	1.26E-08	1.22E-08	4.41E-12	1.33E-11	7.72E-12	7.62E-12	6.90E-12	3.15E-12	3.06E-12	1.47E-13	3.56E-12	7.86E-13	1.03E-12	1.64E-12	2.89E-13	1.61E-12	9.06E-12
3213	492863.09	3846877.25	1.30E-08	1.28E-08	1.25E-08	4.50E-12	1.36E-11	7.87E-12	7.77E-12	7.04E-12	3.21E-12	3.12E-12	1.50E-13	3.63E-12	8.02E-13	1.06E-12	1.67E-12	2.95E-13	1.64E-12	9.25E-12
3214	493363.09	3846877.25	1.33E-08	1.31E-08	1.27E-08	4.59E-12	1.39E-11	8.03E-12	7.93E-12	7.19E-12	3.28E-12	3.18E-12	1.53E-13	3.71E-12	8.18E-13	1.08E-12	1.71E-12	3.01E-13	1.67E-12	9.43E-12
3215	493863.09	3846877.25	1.30E-08	1.28E-08	1.25E-08	4.50E-12	1.36E-11	7.87E-12	7.77E-12	7.04E-12	3.21E-12	3.12E-12	1.50E-13	3.63E-12	8.02E-13	1.06E-12	1.67E-12	2.95E-13	1.64E-12	9.25E-12
3216	494363.09	3846877.25	1.34E-08	1.32E-08	1.28E-08	4.64E-12	1.40E-11	8.11E-12	8.00E-12	7.26E-12	3.31E-12	3.22E-12	1.55E-13	3.74E-12	8.26E-13	1.09E-12	1.72E-12	3.04E-13	1.69E-12	9.53E-12
3217	494863.09	3846877.25	1.35E-08	1.34E-08	1.30E-08	4.68E-12	1.41E-11	8.19E-12	8.08E-12	7.33E-12	3.34E-12	3.25E-12	1.56E-13	3.78E-12	8.34E-13	1.10E-12	1.74E-12	3.07E-13	1.70E-12	9.62E-12
3218	495363.09	3846877.25	1.35E-08	1.34E-08	1.30E-08	4.68E-12	1.41E-11	8.19E-12	8.08E-12	7.33E-12	3.34E-12	3.25E-12	1.56E-13	3.78E-12	8.34E-13	1.10E-12	1.74E-12	3.07E-13	1.70E-12	9.62E-12
3219	495863.09	3846877.25	1.37E-08	1.35E-08	1.31E-08	4.73E-12	1.43E-11	8.27E-12	8.16E-12	7.40E-12	3.38E-12	3.28E-12	1.58E-13	3.82E-12	8.42E-13	1.11E-12	1.76E-12	3.10E-13	1.72E-12	9.71E-12
3220	496363.09	3846877.25	1.33E-08	1.31E-08	1.27E-08	4.59E-12	1.39E-11	8.03E-12	7.93E-12	7.19E-12	3.28E-12	3.18E-12	1.53E-13	3.71E-12	8.18E-13	1.08E-12	1.71E-12	3.01E-13	1.67E-12	9.43E-12
3221	496863.09	3846877.25	1.44E-08	1.43E-08	1.38E-08	5.00E-12	1.51E-11	8.74E-12	8.63E-12	7.82E-12	3.57E-12	3.46E-12	1.67E-13	4.03E-12	8.90E-13	1.17E-12	1.86E-12	3.27E-13	1.82E-12	1.03E-11
3222	497363.09	3846877.25	1.57E-08	1.55E-08	1.51E-08	5.45E-12	1.65E-11	9.53E-12	9.40E-12	8.52E-12	3.89E-12	3.78E-12	1.82E-13	4.40E-12	9.70E-13	1.28E-12	2.03E-12	3.57E-13	1.98E-12	1.12E-11
3223	497863.09	3846877.25	1.61E-08	1.59E-08	1.55E-08	5.59E-12	1.69E-11	9.76E-12	9.64E-12	8.74E-12	3.99E-12	3.87E-12	1.87E-13	4.51E-12	9.94E-13	1.31E-12	2.08E-12	3.66E-13	2.03E-12	1.15E-11
3224	498363.09	3846877.25	1.72E-08	1.70E-08	1.65E-08	5.95E-12	1.80E-11	1.04E-11	1.03E-11	9.30E-12	4.24E-12	4.12E-12	1.99E-13	4.80E-12	1.06E-12	1.39E-12	2.21E-12	3.89E-13	2.16E-12	1.22E-11
3225	471363.09	3847377.25	5.26E-08	5.19E-08	5.04E-08	1.82E-11	5.50E-11	3.18E-11	3.14E-11	2.85E-11	1.30E-11	1.26E-11	6.08E-13	1.47E-11	3.24E-12	4.26E-12	6.76E-12	1.19E-12	6.62E-12	3.74E-11
3226	471863.09	3847377.25	5.34E-08	5.27E-08	5.11E-08	1.85E-11	5.58E-11	3.23E-11	3.19E-11	2.89E-11	1.32E-11	1.28E-11	6.17E-13	1.49E-11	3.29E-12	4.33E-12	6.86E-12	1.21E-12	6.72E-12	3.79E-11

3227	472363.09	3847377.25	5.44E-08	5.37E-08	5.21E-08	1.88E-11	5.69E-11	3.29E-11	3.25E-11	2.94E-11	1.34E-11	1.30E-11	6.29E-13	1.52E-11	3.35E-12	4.41E-12	7.00E-12	1.23E-12	6.85E-12	3.87E-11
3228	472863.09	3847377.25	5.37E-08	5.30E-08	5.15E-08	1.86E-11	5.62E-11	3.25E-11	3.21E-11	2.91E-11	1.33E-11	1.29E-11	6.21E-13	1.50E-11	3.31E-12	4.36E-12	6.91E-12	1.22E-12	6.77E-12	3.82E-11
3229	473363.09	3847377.25	4.63E-08	4.57E-08	4.44E-08	1.60E-11	4.84E-11	2.80E-11	2.77E-11	2.51E-11	1.14E-11	1.11E-11	5.36E-13	1.29E-11	2.85E-12	3.76E-12	5.96E-12	1.05E-12	5.83E-12	3.29E-11
3230	473863.09	3847377.25	4.59E-08	4.53E-08	4.40E-08	1.59E-11	4.80E-11	2.78E-11	2.74E-11	2.49E-11	1.13E-11	1.10E-11	5.31E-13	1.28E-11	2.83E-12	3.72E-12	5.91E-12	1.04E-12	5.78E-12	3.26E-11
3231	474363.09	3847377.25	4.85E-08	4.79E-08	4.65E-08	1.68E-11	5.07E-11	2.94E-11	2.90E-11	2.63E-11	1.20E-11	1.16E-11	5.61E-13	1.36E-11	2.99E-12	3.94E-12	6.24E-12	1.10E-12	6.11E-12	3.45E-11
3232	474863.09	3847377.25	4.68E-08	4.62E-08	4.49E-08	1.62E-11	4.90E-11	2.83E-11	2.80E-11	2.54E-11	1.16E-11	1.12E-11	5.42E-13	1.31E-11	2.89E-12	3.80E-12	6.03E-12	1.06E-12	5.90E-12	3.33E-11
3233	475363.09	3847377.25	4.50E-08	4.44E-08	4.32E-08	1.56E-11	4.71E-11	2.72E-11	2.69E-11	2.44E-11	1.11E-11	1.08E-11	5.20E-13	1.26E-11	2.77E-12	3.65E-12	5.79E-12	1.02E-12	5.67E-12	3.20E-11
3234	475863.09	3847377.25	4.85E-08	4.79E-08	4.65E-08	1.68E-11	5.07E-11	2.94E-11	2.90E-11	2.63E-11	1.20E-11	1.16E-11	5.61E-13	1.36E-11	2.99E-12	3.94E-12	6.24E-12	1.10E-12	6.11E-12	3.45E-11
3235	476363.09	3847377.25	5.28E-08	5.21E-08	5.06E-08	1.83E-11	5.52E-11	3.20E-11	3.16E-11	2.86E-11	1.31E-11	1.27E-11	6.11E-13	1.48E-11	3.26E-12	4.28E-12	6.80E-12	1.20E-12	6.65E-12	3.75E-11
3236	476863.09	3847377.25	5.31E-08	5.24E-08	5.09E-08	1.84E-11	5.55E-11	3.21E-11	3.17E-11	2.87E-11	1.31E-11	1.27E-11	6.14E-13	1.48E-11	3.27E-12	4.30E-12	6.83E-12	1.20E-12	6.68E-12	3.77E-11
3237	477363.09	3847377.25	5.71E-08	5.64E-08	5.48E-08	1.98E-11	5.97E-11	3.46E-11	3.41E-11	3.09E-11	1.41E-11	1.37E-11	6.60E-13	1.60E-11	3.52E-12	4.63E-12	7.35E-12	1.30E-12	7.19E-12	4.06E-11
3238	477863.09	3847377.25	5.67E-08	5.60E-08	5.44E-08	1.96E-11	5.93E-11	3.43E-11	3.39E-11	3.07E-11	1.40E-11	1.36E-11	6.56E-13	1.58E-11	3.50E-12	4.60E-12	7.30E-12	1.29E-12	7.14E-12	4.03E-11
3239	478363.09	3847377.25	5.56E-08	5.48E-08	5.33E-08	1.92E-11	5.81E-11	3.36E-11	3.32E-11	3.01E-11	1.37E-11	1.33E-11	6.42E-13	1.55E-11	3.42E-12	4.51E-12	7.15E-12	1.26E-12	7.00E-12	3.95E-11
3240	478863.09	3847377.25	5.73E-08	5.65E-08	5.49E-08	1.98E-11	5.98E-11	3.46E-11	3.42E-11	3.10E-11	1.41E-11	1.37E-11	6.62E-13	1.60E-11	3.53E-12	4.64E-12	7.36E-12	1.30E-12	7.21E-12	4.07E-11
3241	479363.09	3847377.25	4.74E-08	4.68E-08	4.54E-08	1.64E-11	4.95E-11	2.87E-11	2.83E-11	2.56E-11	1.17E-11	1.14E-11	5.48E-13	1.32E-11	2.92E-12	3.84E-12	6.09E-12	1.07E-12	5.96E-12	3.37E-11
3242	479863.09	3847377.25	3.64E-08	3.60E-08	3.49E-08	1.26E-11	3.81E-11	2.20E-11	2.18E-11	1.97E-11	9.00E-12	8.74E-12	4.21E-13	1.02E-11	2.25E-12	2.95E-12	4.69E-12	8.26E-13	4.59E-12	2.59E-11
3243	480363.09	3847377.25	2.73E-08	2.70E-08	2.62E-08	9.46E-12	2.86E-11	1.65E-11	1.63E-11	1.48E-11	6.75E-12	6.56E-12	3.16E-13	7.63E-12	1.68E-12	2.22E-12	3.52E-12	6.19E-13	3.44E-12	1.94E-11
3244	480863.09	3847377.25	2.43E-08	2.40E-08	2.33E-08	8.42E-12	2.54E-11	1.47E-11	1.45E-11	1.32E-11	6.01E-12	5.84E-12	2.81E-13	6.79E-12	1.50E-12	1.97E-12	3.13E-12	5.52E-13	3.06E-12	1.73E-11
3245	481363.09	3847377.25	2.62E-08	2.58E-08	2.51E-08	9.05E-12	2.73E-11	1.58E-11	1.56E-11	1.42E-11	6.46E-12	6.27E-12	3.02E-13	7.30E-12	1.61E-12	2.12E-12	3.36E-12	5.93E-13	3.29E-12	1.86E-11
3246	481863.09	3847377.25	3.28E-08	3.24E-08	3.14E-08	1.14E-11	3.43E-11	1.98E-11	1.96E-11	1.78E-11	8.10E-12	7.87E-12	3.79E-13	9.16E-12	2.02E-12	2.66E-12	4.22E-12	7.43E-13	4.13E-12	2.33E-11
3247	482363.09	3847377.25	3.15E-08	3.11E-08	3.02E-08	1.09E-11	3.29E-11	1.91E-11	1.88E-11	1.70E-11	7.78E-12	7.55E-12	3.64E-13	8.79E-12	1.94E-12	2.55E-12	4.05E-12	7.14E-13	3.96E-12	2.24E-11
3248	482863.09	3847377.25	2.89E-08	2.85E-08	2.77E-08	1.00E-11	3.02E-11	1.75E-11	1.73E-11	1.56E-11	7.14E-12	6.93E-12	3.34E-13	8.07E-12	1.78E-12	2.34E-12	3.72E-12	6.55E-13	3.64E-12	2.05E-11
3249	483363.09	3847377.25	2.59E-08	2.56E-08	2.48E-08	8.96E-12	2.71E-11	1.57E-11	1.55E-11	1.40E-11	6.40E-12	6.21E-12	2.99E-13	7.23E-12	1.60E-12	2.10E-12	3.33E-12	5.87E-13	3.26E-12	1.84E-11
3250	483863.09	3847377.25	2.42E-08	2.39E-08	2.32E-08	8.38E-12	2.53E-11	1.46E-11	1.45E-11	1.31E-11	5.98E-12	5.81E-12	2.80E-13	6.76E-12	1.49E-12	1.96E-12	3.11E-12	5.49E-13	3.05E-12	1.72E-11
3251	484363.09	3847377.25	2.46E-08	2.43E-08	2.36E-08	8.51E-12	2.57E-11	1.49E-11	1.47E-11	1.33E-11	6.08E-12	5.90E-12	2.84E-13	6.87E-12	1.52E-12	1.99E-12	3.16E-12	5.58E-13	3.10E-12	1.75E-11
3252	484863.09	3847377.25	2.38E-08	2.35E-08	2.28E-08	8.24E-12	2.49E-11	1.44E-11	1.42E-11	1.29E-11	5.88E-12	5.71E-12	2.75E-13	6.65E-12	1.47E-12	1.93E-12	3.06E-12	5.40E-13	3.00E-12	1.69E-11
3253	485363.09	3847377.25	2.36E-08	2.32E-08	2.26E-08	8.15E-12	2.46E-11	1.43E-11	1.41E-11	1.28E-11	5.82E-12	5.65E-12	2.72E-13	6.58E-12	1.45E-12	1.91E-12	3.03E-12	5.34E-13	2.97E-12	1.67E-11
3254	485863.09	3847377.25	2.32E-08	2.29E-08	2.22E-08	8.02E-12	2.42E-11	1.40E-11	1.38E-11	1.25E-11	5.72E-12	5.56E-12	2.68E-13	6.47E-12	1.43E-12	1.88E-12	2.98E-12	5.25E-13	2.92E-12	1.65E-11
3255	486363.09	3847377.25	2.30E-08	2.27E-08	2.21E-08	7.97E-12	2.41E-11	1.39E-11	1.38E-11	1.25E-11	5.69E-12	5.52E-12	2.66E-13	6.43E-12	1.42E-12	1.87E-12	2.96E-12	5.22E-13	2.90E-12	1.64E-11
3256	486863.09	3847377.25	2.10E-08	2.07E-08	2.01E-08	7.25E-12	2.19E-11	1.27E-11	1.25E-11	1.13E-11	5.18E-12	5.03E-12	2.42E-13	5.85E-12	1.29E-12	1.70E-12	2.69E-12	4.75E-13	2.64E-12	1.49E-11
3257	487363.09	3847377.25	2.12E-08	2.09E-08	2.03E-08	7.34E-12	2.22E-11	1.28E-11	1.27E-11	1.15E-11	5.24E-12	5.09E-12	2.45E-13	5.92E-12	1.31E-12	1.72E-12	2.73E-12	4.81E-13	2.67E-12	1.51E-11
3258	487863.09	3847377.25	1.97E-08	1.94E-08	1.88E-08	6.80E-12	2.05E-11	1.19E-11	1.17E-11	1.06E-11	4.85E-12	4.71E-12	2.27E-13	5.49E-12	1.21E-12	1.59E-12	2.53E-12	4.45E-13	2.47E-12	1.40E-11
3259	488363.09	3847377.25	1.85E-08	1.82E-08	1.77E-08	6.40E-12	1.93E-11	1.12E-11	1.10E-11	1.00E-11	4.56E-12	4.43E-12	2.14E-13	5.16E-12	1.14E-12	1.50E-12	2.38E-12	4.19E-13	2.33E-12	1.31E-11
3260	488863.09	3847377.25	1.81E-08	1.79E-08	1.73E-08	6.26E-12	1.89E-11	1.09E-11	1.08E-11	9.79E-12	4.47E-12	4.34E-12	2.09E-13	5.05E-12	1.11E-12	1.47E-12	2.33E-12	4.10E-13	2.28E-12	1.29E-11
3261	489363.09	3847377.25	1.78E-08	1.76E-08	1.71E-08	6.17E-12	1.86E-11	1.08E-11	1.06E-11	9.65E-12	4.40E-12	4.28E-12	2.06E-13	4.98E-12	1.10E-12	1.45E-12	2.29E-12	4.04E-13	2.24E-12	1.27E-11
3262	489863.09	3847377.25	1.67E-08	1.64E-08	1.60E-08	5.77E-12	1.74E-11	1.01E-11	9.95E-12	9.02E-12	4.11E-12	4.00E-12	1.93E-13	4.65E-12	1.03E-12	1.35E-12	2.14E-12	3.78E-13	2.10E-12	1.18E-11
3263	490363.09	3847377.25	1.54E-08	1.52E-08	1.47E-08	5.32E-12	1.61E-11	9.29E-12	9.17E-12	8.31E-12	3.79E-12	3.68E-12	1.78E-13	4.29E-12	9.46E-13	1.25E-12	1.98E-12	3.48E-13	1.93E-12	1.09E-11
3264	490863.09	3847377.25	1.48E-08	1.46E-08	1.42E-08	5.14E-12	1.55E-11	8.98E-12	8.86E-12	8.03E-12	3.66E-12	3.56E-12	1.71E-13	4.14E-12	9.14E-13	1.20E-12	1.91E-12	3.36E-13	1.87E-12	1.05E-11
3265	491363.09	3847377.25	1.38E-08	1.36E-08	1.32E-08	4.78E-12	1.44E-11	8.35E-12	8.24E-12	7.47E-12	3.41E-12	3.31E-12	1.59E-13	3.85E-12	8.50E-13	1.12E-12	1.77E-12	3.13E-13	1.74E-12	9.80E-12
3266	491863.09	3847377.25	1.44E-08	1.43E-08	1.38E-08	5.00E-12	1.51E-11	8.74E-12	8.63E-12	7.82E-12	3.57E-12	3.46E-12	1.67E-13	4.03E-12	8.90E-13	1.17E-12	1.86E-12	3.27E-13	1.82E-12	1.03E-11
3267	492363.09	3847377.25	1.42E-08	1.40E-08	1.36E-08	4.91E-12	1.48E-11	8.58E-12	8.47E-12	7.68E-12	3.50E-12	3.40E-12	1.64E-13	3.96E-12	8.74E-13	1.15E-12	1.82E-12	3.22E-13	1.79E-12	1.01E-11
3268	492863.09	3847377.25	1.46E-08	1.44E-08	1.40E-08	5.05E-12	1.52E-11	8.82E-12	8.70E-12	7.89E-12	3.60E-12	3.50E-12	1.68E-13	4.07E-12	8.98E-13	1.18E-12	1.87E-12	3.30E-13	1.83E-12	1.04E-11
3269	493363.09	3847377.25	1.42E-08	1.40E-08	1.36E-08	4.91E-12	1.48E-11	8.58E-12	8.47E-12	7.68E-12	3.50E-12	3.40E-12	1.64E-13	3.96E-12	8.74E-13	1.15E-12	1.82E-12	3.22E-13	1.79E-12	1.01E-11
3270	493863.09	3847377.25	1.38E-08	1.36E-08	1.32E-08	4.78E-12	1.44E-11	8.35E-12	8.24E-12	7.47E-12	3.41E-12	3.31E-12	1.59E-13	3.85E-12	8.50E-13	1.12E-12	1.77E-12	3.13E-13	1.74E-12	9.80E-12
3271	494363.09	3847377.25	1.38E-08	1.36E-08	1.32E-08	4.78E-12	1.44E-11	8.35E-12	8.24E-12	7.47E-12	3.41E-12	3.31E-12	1.59E-13	3.85E-12	8.50E-13	1.12E-12	1.77E-12	3.13E-13	1.74E-12	9.80E-12
3272	494863.09	3847377.25	1.38E-08	1.36E-08	1.32E-08	4.78E-12	1.44E-11	8.35E-12	8.24E-12	7.47E-12	3.41E-12	3.31E-12	1.59E-13	3.85E-12	8.50E-13	1.12E-12	1.77E-12	3.13E-13	1.74E-12	9.80E-12
3273	495363.09	3847377.25	1.37E-08	1.35E-08	1.31E-08	4.73E-12	1.43E-11	8.27E-12	8.16E-12	7.40E-12	3.38E-12	3.28E-12	1.58E-13	3.82E-12	8.42E-13	1.11E-12	1.76E-12	3.10E-13	1.72E-12	9.71E-12
3274	495863.09	3847377.25	1.35E-08	1.34E-08	1.30E-08	4.68E-12	1.41E-11	8.19E-12	8.08E-12	7.33E-12	3.34E-12	3.25E-12	1.56E-13	3.78E-12	8.34E-13	1.10E-12	1.74E-12	3.07E-13	1.70E-12	9.62E-12
3275	496363.09	3847377.25	1.37E-08	1.35E-08	1.31E-08	4.73E-12	1.43E-11	8.27E-12	8.16E-12	7.40E-12	3.38E-12	3.28E-12	1.58E-13	3.82E-12	8.42E-13	1.11E-12	1.76E-12	3.10E-13	1.72E-12	9.71E-12
3276	496863.09	3847377.25	1.51E-08	1.49E-08	1.45E-08	5.23E-12	1.58E-11	9.13E-12	9.01E-12	8.17E-12	3.73E-12	3.62E-12	1.74E-13	4.21E-12	9.30E-13	1.22E-12	1.94E-12	3.42E-13	1.90E-12	1.07E-11
3277	497363.09	3847377.25	1.60E-08	1.58E-08	1.53E-08	5.54E-12	1.67E-11	9.69E-12	9.56E-12	8.66E-12	3.95E-12	3.84E-12	1.85E-13	4.47E-12	9.86E-13	1.30E-12	2.06E-12	3.63E-13	2.01E-12	1.14E-11
3278	497863.09	3847377.25	1.78E-08	1.76E-08	1.71E-08	6.17E-12	1.86E-11	1.08E-11	1.06E-11	9.65E-12	4.40E-12	4.28E-12	2.06E-13	4.98E-12	1.10E-12	1.45E-12	2.29E-12	4.04E-13	2.24E-12	1.27E-11
3279	498363.09	3847377.25	1.94E-08	1.91E-08	1.86E-08	6.71E-12	2.03E-11	1.17E-11	1.16E-11	1.05E-11	4.79E-12	4.65E-12	2.24E-13	5.41E-12	1.19E-12	1.57E-12	2.49E-12	4.40E-13	2.44E-12	1.38E-11

3280	471363.09	3847877.25	5.44E-08	5.37E-08	5.21E-08	1.88E-11	5.69E-11	3.29E-11	3.25E-11	2.94E-11	1.34E-11	1.30E-11	6.29E-13	1.52E-11	3.35E-12	4.41E-12	7.00E-12	1.23E-12	6.85E-12	3.87E-11
3281	471863.09	3847877.25	5.63E-08	5.56E-08	5.40E-08	1.95E-11	5.89E-11	3.41E-11	3.36E-11	3.05E-11	1.39E-11	1.35E-11	6.51E-13	1.57E-11	3.47E-12	4.57E-12	7.25E-12	1.28E-12	7.09E-12	4.00E-11
3282	472363.09	3847877.25	5.73E-08	5.65E-08	5.49E-08	1.98E-11	5.98E-11	3.46E-11	3.42E-11	3.10E-11	1.41E-11	1.37E-11	6.62E-13	1.60E-11	3.53E-12	4.64E-12	7.36E-12	1.30E-12	7.21E-12	4.07E-11
3283	472863.09	3847877.25	5.79E-08	5.72E-08	5.55E-08	2.00E-11	6.05E-11	3.50E-11	3.46E-11	3.13E-11	1.43E-11	1.39E-11	6.69E-13	1.62E-11	3.57E-12	4.70E-12	7.45E-12	1.31E-12	7.29E-12	4.12E-11
3284	473363.09	3847877.25	5.95E-08	5.87E-08	5.70E-08	2.06E-11	6.22E-11	3.60E-11	3.55E-11	3.22E-11	1.47E-11	1.43E-11	6.87E-13	1.66E-11	3.66E-12	4.82E-12	7.65E-12	1.35E-12	7.49E-12	4.23E-11
3285	473863.09	3847877.25	5.80E-08	5.73E-08	5.56E-08	2.01E-11	6.07E-11	3.51E-11	3.47E-11	3.14E-11	1.43E-11	1.39E-11	6.71E-13	1.62E-11	3.58E-12	4.71E-12	7.47E-12	1.32E-12	7.31E-12	4.12E-11
3286	474363.09	3847877.25	5.11E-08	5.05E-08	4.90E-08	1.77E-11	5.35E-11	3.09E-11	3.05E-11	2.77E-11	1.26E-11	1.23E-11	5.91E-13	1.43E-11	3.15E-12	4.15E-12	6.58E-12	1.16E-12	6.44E-12	3.63E-11
3287	474863.09	3847877.25	5.37E-08	5.30E-08	5.15E-08	1.86E-11	5.62E-11	3.25E-11	3.21E-11	2.91E-11	1.33E-11	1.29E-11	6.21E-13	1.50E-11	3.31E-12	4.36E-12	6.91E-12	1.22E-12	6.77E-12	3.82E-11
3288	475363.09	3847877.25	5.15E-08	5.09E-08	4.94E-08	1.78E-11	5.39E-11	3.12E-11	3.08E-11	2.79E-11	1.27E-11	1.24E-11	5.96E-13	1.44E-11	3.18E-12	4.18E-12	6.63E-12	1.17E-12	6.49E-12	3.66E-11
3289	475863.09	3847877.25	4.91E-08	4.84E-08	4.70E-08	1.70E-11	5.13E-11	2.97E-11	2.93E-11	2.66E-11	1.21E-11	1.18E-11	5.67E-13	1.37E-11	3.02E-12	3.98E-12	6.31E-12	1.11E-12	6.18E-12	3.49E-11
3290	476363.09	3847877.25	5.54E-08	5.47E-08	5.31E-08	1.92E-11	5.79E-11	3.35E-11	3.31E-11	3.00E-11	1.37E-11	1.33E-11	6.41E-13	1.55E-11	3.42E-12	4.49E-12	7.13E-12	1.26E-12	6.98E-12	3.94E-11
3291	476863.09	3847877.25	5.75E-08	5.68E-08	5.51E-08	1.99E-11	6.01E-11	3.48E-11	3.43E-11	3.11E-11	1.42E-11	1.38E-11	6.65E-13	1.61E-11	3.54E-12	4.66E-12	7.40E-12	1.30E-12	7.24E-12	4.09E-11
3292	477363.09	3847877.25	5.91E-08	5.83E-08	5.66E-08	2.05E-11	6.18E-11	3.57E-11	3.53E-11	3.20E-11	1.46E-11	1.42E-11	6.83E-13	1.65E-11	3.64E-12	4.79E-12	7.60E-12	1.34E-12	7.44E-12	4.20E-11
3293	477863.09	3847877.25	6.29E-08	6.20E-08	6.02E-08	2.18E-11	6.57E-11	3.80E-11	3.75E-11	3.40E-11	1.55E-11	1.51E-11	7.27E-13	1.76E-11	3.87E-12	5.10E-12	8.08E-12	1.42E-12	7.91E-12	4.47E-11
3294	478363.09	3847877.25	6.27E-08	6.19E-08	6.01E-08	2.17E-11	6.56E-11	3.80E-11	3.75E-11	3.40E-11	1.55E-11	1.50E-11	7.25E-13	1.75E-11	3.86E-12	5.09E-12	8.07E-12	1.42E-12	7.90E-12	4.46E-11
3295	478863.09	3847877.25	6.12E-08	6.04E-08	5.86E-08	2.12E-11	6.39E-11	3.70E-11	3.65E-11	3.31E-11	1.51E-11	1.47E-11	7.07E-13	1.71E-11	3.77E-12	4.96E-12	7.87E-12	1.39E-12	7.70E-12	4.35E-11
3296	479363.09	3847877.25	4.96E-08	4.89E-08	4.75E-08	1.72E-11	5.18E-11	3.00E-11	2.96E-11	2.68E-11	1.22E-11	1.19E-11	5.73E-13	1.38E-11	3.05E-12	4.02E-12	6.38E-12	1.12E-12	6.24E-12	3.52E-11
3297	479863.09	3847877.25	3.11E-08	3.07E-08	2.98E-08	1.08E-11	3.25E-11	1.88E-11	1.86E-11	1.68E-11	7.68E-12	7.46E-12	3.60E-13	8.68E-12	1.92E-12	2.52E-12	4.00E-12	7.05E-13	3.92E-12	2.21E-11
3298	480363.09	3847877.25	3.21E-08	3.17E-08	3.08E-08	1.11E-11	3.36E-11	1.94E-11	1.92E-11	1.74E-11	7.94E-12	7.71E-12	3.72E-13	8.97E-12	1.98E-12	2.61E-12	4.13E-12	7.29E-13	4.05E-12	2.28E-11
3299	480863.09	3847877.25	2.88E-08	2.84E-08	2.76E-08	9.96E-12	3.01E-11	1.74E-11	1.72E-11	1.56E-11	7.10E-12	6.90E-12	3.32E-13	8.03E-12	1.77E-12	2.33E-12	3.70E-12	6.52E-13	3.62E-12	2.04E-11
3300	481363.09	3847877.25	2.86E-08	2.83E-08	2.74E-08	9.91E-12	2.99E-11	1.73E-11	1.71E-11	1.55E-11	7.07E-12	6.87E-12	3.31E-13	7.99E-12	1.76E-12	2.32E-12	3.68E-12	6.49E-13	3.60E-12	2.03E-11
3301	481863.09	3847877.25	3.75E-08	3.70E-08	3.59E-08	1.30E-11	3.92E-11	2.27E-11	2.24E-11	2.03E-11	9.26E-12	8.99E-12	4.33E-13	1.05E-11	2.31E-12	3.04E-12	4.82E-12	8.50E-13	4.72E-12	2.66E-11
3302	482363.09	3847877.25	3.60E-08	3.56E-08	3.45E-08	1.25E-11	3.77E-11	2.18E-11	2.15E-11	1.95E-11	8.90E-12	8.65E-12	4.17E-13	1.01E-11	2.22E-12	2.92E-12	4.64E-12	8.17E-13	4.54E-12	2.56E-11
3303	482863.09	3847877.25	3.29E-08	3.25E-08	3.16E-08	1.14E-11	3.44E-11	1.99E-11	1.97E-11	1.78E-11	8.13E-12	7.90E-12	3.81E-13	9.19E-12	2.03E-12	2.67E-12	4.23E-12	7.46E-13	4.14E-12	2.34E-11
3304	483363.09	3847877.25	3.06E-08	3.02E-08	2.93E-08	1.06E-11	3.20E-11	1.85E-11	1.83E-11	1.66E-11	7.55E-12	7.34E-12	3.54E-13	8.54E-12	1.88E-12	2.48E-12	3.93E-12	6.93E-13	3.85E-12	2.17E-11
3305	483863.09	3847877.25	2.89E-08	2.85E-08	2.77E-08	1.00E-11	3.02E-11	1.75E-11	1.73E-11	1.56E-11	7.14E-12	6.93E-12	3.34E-13	8.07E-12	1.78E-12	2.34E-12	3.72E-12	6.55E-13	3.64E-12	2.05E-11
3306	484363.09	3847877.25	2.86E-08	2.83E-08	2.74E-08	9.91E-12	2.99E-11	1.73E-11	1.71E-11	1.55E-11	7.07E-12	6.87E-12	3.31E-13	7.99E-12	1.76E-12	2.32E-12	3.68E-12	6.49E-13	3.60E-12	2.03E-11
3307	484863.09	3847877.25	2.76E-08	2.72E-08	2.64E-08	9.55E-12	2.88E-11	1.67E-11	1.65E-11	1.49E-11	6.81E-12	6.62E-12	3.19E-13	7.70E-12	1.70E-12	2.24E-12	3.55E-12	6.25E-13	3.47E-12	1.96E-11
3308	485363.09	3847877.25	2.82E-08	2.79E-08	2.71E-08	9.78E-12	2.95E-11	1.71E-11	1.69E-11	1.53E-11	6.98E-12	6.77E-12	3.26E-13	7.88E-12	1.74E-12	2.29E-12	3.63E-12	6.40E-13	3.55E-12	2.01E-11
3309	485863.09	3847877.25	2.84E-08	2.80E-08	2.72E-08	9.82E-12	2.97E-11	1.72E-11	1.69E-11	1.54E-11	7.01E-12	6.80E-12	3.28E-13	7.92E-12	1.75E-12	2.30E-12	3.65E-12	6.43E-13	3.57E-12	2.02E-11
3310	486363.09	3847877.25	2.54E-08	2.50E-08	2.43E-08	8.78E-12	2.65E-11	1.54E-11	1.52E-11	1.37E-11	6.27E-12	6.09E-12	2.93E-13	7.09E-12	1.56E-12	2.06E-12	3.26E-12	5.75E-13	3.19E-12	1.80E-11
3311	486863.09	3847877.25	2.43E-08	2.40E-08	2.33E-08	8.42E-12	2.54E-11	1.47E-11	1.45E-11	1.32E-11	6.01E-12	5.84E-12	2.81E-13	6.79E-12	1.50E-12	1.97E-12	3.13E-12	5.52E-13	3.06E-12	1.73E-11
3312	487363.09	3847877.25	2.37E-08	2.34E-08	2.27E-08	8.20E-12	2.48E-11	1.43E-11	1.41E-11	1.28E-11	5.85E-12	5.68E-12	2.74E-13	6.61E-12	1.46E-12	1.92E-12	3.05E-12	5.37E-13	2.98E-12	1.68E-11
3313	487863.09	3847877.25	2.21E-08	2.18E-08	2.12E-08	7.66E-12	2.31E-11	1.34E-11	1.32E-11	1.20E-11	5.46E-12	5.31E-12	2.56E-13	6.18E-12	1.36E-12	1.79E-12	2.85E-12	5.01E-13	2.78E-12	1.57E-11
3314	488363.09	3847877.25	2.06E-08	2.03E-08	1.97E-08	7.12E-12	2.15E-11	1.24E-11	1.23E-11	1.11E-11	5.08E-12	4.93E-12	2.38E-13	5.74E-12	1.27E-12	1.67E-12	2.64E-12	4.66E-13	2.59E-12	1.46E-11
3315	488863.09	3847877.25	2.03E-08	2.00E-08	1.95E-08	7.03E-12	2.12E-11	1.23E-11	1.21E-11	1.10E-11	5.01E-12	4.87E-12	2.35E-13	5.67E-12	1.25E-12	1.65E-12	2.61E-12	4.60E-13	2.56E-12	1.44E-11
3316	489363.09	3847877.25	2.00E-08	1.98E-08	1.92E-08	6.94E-12	2.09E-11	1.21E-11	1.20E-11	1.08E-11	4.95E-12	4.81E-12	2.32E-13	5.60E-12	1.23E-12	1.62E-12	2.58E-12	4.54E-13	2.52E-12	1.42E-11
3317	489863.09	3847877.25	2.03E-08	2.00E-08	1.95E-08	7.03E-12	2.12E-11	1.23E-11	1.21E-11	1.10E-11	5.01E-12	4.87E-12	2.35E-13	5.67E-12	1.25E-12	1.65E-12	2.61E-12	4.60E-13	2.56E-12	1.44E-11
3318	490363.09	3847877.25	1.91E-08	1.89E-08	1.83E-08	6.62E-12	2.00E-11	1.16E-11	1.14E-11	1.04E-11	4.73E-12	4.59E-12	2.21E-13	5.34E-12	1.18E-12	1.55E-12	2.46E-12	4.34E-13	2.41E-12	1.36E-11
3319	490863.09	3847877.25	1.81E-08	1.79E-08	1.73E-08	6.26E-12	1.89E-11	1.09E-11	1.08E-11	9.79E-12	4.47E-12	4.34E-12	2.09E-13	5.05E-12	1.11E-12	1.47E-12	2.33E-12	4.10E-13	2.28E-12	1.29E-11
3320	491363.09	3847877.25	1.61E-08	1.59E-08	1.55E-08	5.59E-12	1.69E-11	9.76E-12	9.64E-12	8.74E-12	3.99E-12	3.87E-12	1.87E-13	4.51E-12	9.94E-13	1.31E-12	2.08E-12	3.66E-13	2.03E-12	1.15E-11
3321	491863.09	3847877.25	1.60E-08	1.58E-08	1.53E-08	5.54E-12	1.67E-11	9.69E-12	9.56E-12	8.66E-12	3.95E-12	3.84E-12	1.85E-13	4.47E-12	9.86E-13	1.30E-12	2.06E-12	3.63E-13	2.01E-12	1.14E-11
3322	492363.09	3847877.25	1.61E-08	1.59E-08	1.55E-08	5.59E-12	1.69E-11	9.76E-12	9.64E-12	8.74E-12	3.99E-12	3.87E-12	1.87E-13	4.51E-12	9.94E-13	1.31E-12	2.08E-12	3.66E-13	2.03E-12	1.15E-11
3323	492863.09	3847877.25	1.59E-08	1.57E-08	1.52E-08	5.50E-12	1.66E-11	9.61E-12	9.48E-12	8.59E-12	3.92E-12	3.81E-12	1.84E-13	4.43E-12	9.78E-13	1.29E-12	2.04E-12	3.60E-13	2.00E-12	1.13E-11
3324	493363.09	3847877.25	1.44E-08	1.43E-08	1.38E-08	5.00E-12	1.51E-11	8.74E-12	8.63E-12	7.82E-12	3.57E-12	3.46E-12	1.67E-13	4.03E-12	8.90E-13	1.17E-12	1.86E-12	3.27E-13	1.82E-12	1.03E-11
3325	493863.09	3847877.25	1.39E-08	1.37E-08	1.33E-08	4.82E-12	1.46E-11	8.43E-12	8.32E-12	7.54E-12	3.44E-12	3.34E-12	1.61E-13	3.89E-12	8.58E-13	1.13E-12	1.79E-12	3.16E-13	1.75E-12	9.90E-12
3326	494363.09	3847877.25	1.39E-08	1.37E-08	1.33E-08	4.82E-12	1.46E-11	8.43E-12	8.32E-12	7.54E-12	3.44E-12	3.34E-12	1.61E-13	3.89E-12	8.58E-13	1.13E-12	1.79E-12	3.16E-13	1.75E-12	9.90E-12
3327	494863.09	3847877.25	1.41E-08	1.39E-08	1.35E-08	4.87E-12	1.47E-11	8.50E-12	8.39E-12	7.61E-12	3.47E-12	3.37E-12	1.62E-13	3.92E-12	8.66E-13	1.14E-12	1.81E-12	3.19E-13	1.77E-12	9.99E-12
3328	495363.09	3847877.25	1.38E-08	1.36E-08	1.32E-08	4.78E-12	1.44E-11	8.35E-12	8.24E-12	7.47E-12	3.41E-12	3.31E-12	1.59E-13	3.85E-12	8.50E-13	1.12E-12	1.77E-12	3.13E-13	1.74E-12	9.80E-12
3329	495863.09	3847877.25	1.25E-08	1.23E-08	1.20E-08	4.32E-12	1.31E-11	7.56E-12	7.46E-12	6.76E-12	3.09E-12	3.00E-12	1.44E-13	3.49E-12	7.70E-13	1.01E-12	1.61E-12	2.83E-13	1.57E-12	8.88E-12
3330	496363.09	3847877.25	1.43E-08	1.41E-08	1.37E-08	4.96E-12	1.50E-11	8.66E-12	8.55E-12	7.75E-12	3.54E-12	3.43E-12	1.65E-13	4.00E-12	8.82E-13	1.16E-12	1.84E-12	3.24E-13	1.80E-12	1.02E-11
3331	496863.09	3847877.25	1.54E-08	1.52E-08	1.47E-08	5.32E-12	1.61E-11	9.29E-12	9.17E-12	8.31E-12	3.79E-12	3.68E-12	1.78E-13	4.29E-12	9.46E-13	1.25E-12	1.98E-12	3.48E-13	1.93E-12	1.09E-11
3332	497363.09	3847877.25	1.64E-08	1.62E-08	1.57E-08	5.68E-12	1.71E-11	9.92E-12	9.79E-12	8.88E-12	4.05E-12	3.93E-12	1.90E-13	4.58E-12	1.01E-12	1.33E-12	2.11E-12	3.72E-13	2.06E-12	1.17E-11

3333	497863.09	3847877.25	1.99E-08	1.97E-08	1.91E-08	6.89E-12	2.08E-11	1.20E-11	1.19E-11	1.08E-11	4.92E-12	4.78E-12	2.30E-13	5.56E-12	1.23E-12	1.61E-12	2.56E-12	4.51E-13	2.51E-12	1.41E-11
3334	498363.09	3847877.25	2.17E-08	2.14E-08	2.08E-08	7.52E-12	2.27E-11	1.31E-11	1.30E-11	1.18E-11	5.37E-12	5.21E-12	2.51E-13	6.07E-12	1.34E-12	1.76E-12	2.80E-12	4.93E-13	2.74E-12	1.54E-11
3335	471363.09	3848377.25	5.57E-08	5.50E-08	5.34E-08	1.93E-11	5.82E-11	3.37E-11	3.33E-11	3.02E-11	1.38E-11	1.34E-11	6.44E-13	1.56E-11	3.43E-12	4.52E-12	7.16E-12	1.26E-12	7.01E-12	3.96E-11
3336	471863.09	3848377.25	5.74E-08	5.66E-08	5.50E-08	1.99E-11	6.00E-11	3.47E-11	3.43E-11	3.11E-11	1.42E-11	1.38E-11	6.63E-13	1.60E-11	3.54E-12	4.65E-12	7.38E-12	1.30E-12	7.22E-12	4.08E-11
3337	472363.09	3848377.25	5.92E-08	5.84E-08	5.67E-08	2.05E-11	6.19E-11	3.58E-11	3.54E-11	3.21E-11	1.46E-11	1.42E-11	6.84E-13	1.65E-11	3.65E-12	4.80E-12	7.62E-12	1.34E-12	7.45E-12	4.21E-11
3338	472863.09	3848377.25	6.10E-08	6.02E-08	5.85E-08	2.11E-11	6.38E-11	3.69E-11	3.64E-11	3.30E-11	1.51E-11	1.46E-11	7.06E-13	1.70E-11	3.76E-12	4.95E-12	7.85E-12	1.38E-12	7.68E-12	4.34E-11
3339	473363.09	3848377.25	6.18E-08	6.10E-08	5.92E-08	2.14E-11	6.46E-11	3.74E-11	3.69E-11	3.35E-11	1.53E-11	1.48E-11	7.15E-13	1.73E-11	3.81E-12	5.01E-12	7.95E-12	1.40E-12	7.78E-12	4.39E-11
3340	473863.09	3848377.25	6.31E-08	6.23E-08	6.05E-08	2.18E-11	6.60E-11	3.82E-11	3.77E-11	3.42E-11	1.56E-11	1.51E-11	7.30E-13	1.76E-11	3.89E-12	5.12E-12	8.12E-12	1.43E-12	7.95E-12	4.49E-11
3341	474363.09	3848377.25	6.30E-08	6.22E-08	6.04E-08	2.18E-11	6.58E-11	3.81E-11	3.76E-11	3.41E-11	1.56E-11	1.51E-11	7.28E-13	1.76E-11	3.88E-12	5.11E-12	8.10E-12	1.43E-12	7.93E-12	4.48E-11
3342	474863.09	3848377.25	5.76E-08	5.69E-08	5.53E-08	2.00E-11	6.03E-11	3.49E-11	3.44E-11	3.12E-11	1.42E-11	1.38E-11	6.66E-13	1.61E-11	3.55E-12	4.67E-12	7.41E-12	1.31E-12	7.26E-12	4.10E-11
3343	475363.09	3848377.25	6.12E-08	6.04E-08	5.86E-08	2.12E-11	6.39E-11	3.70E-11	3.65E-11	3.31E-11	1.51E-11	1.47E-11	7.07E-13	1.71E-11	3.77E-12	4.96E-12	7.87E-12	1.39E-12	7.70E-12	4.35E-11
3344	475863.09	3848377.25	5.80E-08	5.73E-08	5.56E-08	2.01E-11	6.07E-11	3.51E-11	3.47E-11	3.14E-11	1.43E-11	1.39E-11	6.71E-13	1.62E-11	3.58E-12	4.71E-12	7.47E-12	1.32E-12	7.31E-12	4.12E-11
3345	476363.09	3848377.25	5.43E-08	5.36E-08	5.20E-08	1.88E-11	5.67E-11	3.28E-11	3.24E-11	2.94E-11	1.34E-11	1.30E-11	6.27E-13	1.52E-11	3.34E-12	4.40E-12	6.98E-12	1.23E-12	6.83E-12	3.86E-11
3346	476863.09	3848377.25	6.21E-08	6.13E-08	5.95E-08	2.15E-11	6.49E-11	3.76E-11	3.71E-11	3.36E-11	1.53E-11	1.49E-11	7.18E-13	1.73E-11	3.82E-12	5.03E-12	7.98E-12	1.41E-12	7.81E-12	4.41E-11
3347	477363.09	3848377.25	6.23E-08	6.15E-08	5.97E-08	2.16E-11	6.52E-11	3.77E-11	3.72E-11	3.37E-11	1.54E-11	1.50E-11	7.21E-13	1.74E-11	3.84E-12	5.05E-12	8.02E-12	1.41E-12	7.85E-12	4.43E-11
3348	477863.09	3848377.25	6.44E-08	6.36E-08	6.17E-08	2.23E-11	6.73E-11	3.90E-11	3.85E-11	3.49E-11	1.59E-11	1.55E-11	7.45E-13	1.80E-11	3.97E-12	5.22E-12	8.29E-12	1.46E-12	8.11E-12	4.58E-11
3349	478363.09	3848377.25	6.81E-08	6.72E-08	6.52E-08	2.36E-11	7.11E-11	4.12E-11	4.06E-11	3.68E-11	1.68E-11	1.63E-11	7.87E-13	1.90E-11	4.19E-12	5.52E-12	8.75E-12	1.54E-12	8.57E-12	4.84E-11
3350	478863.09	3848377.25	6.58E-08	6.50E-08	6.31E-08	2.28E-11	6.88E-11	3.98E-11	3.93E-11	3.56E-11	1.63E-11	1.58E-11	7.61E-13	1.84E-11	4.06E-12	5.34E-12	8.47E-12	1.49E-12	8.29E-12	4.68E-11
3351	479363.09	3848377.25	5.40E-08	5.33E-08	5.18E-08	1.87E-11	5.64E-11	3.27E-11	3.23E-11	2.92E-11	1.33E-11	1.30E-11	6.24E-13	1.51E-11	3.33E-12	4.38E-12	6.95E-12	1.22E-12	6.80E-12	3.84E-11
3352	479863.09	3848377.25	2.30E-08	2.27E-08	2.21E-08	7.97E-12	2.41E-11	1.39E-11	1.38E-11	1.25E-11	5.69E-12	5.52E-12	2.66E-13	6.43E-12	1.42E-12	1.87E-12	2.96E-12	5.22E-13	2.90E-12	1.64E-11
3353	480363.09	3848377.25	3.21E-08	3.17E-08	3.08E-08	1.11E-11	3.36E-11	1.94E-11	1.92E-11	1.74E-11	7.94E-12	7.71E-12	3.72E-13	8.97E-12	1.98E-12	2.61E-12	4.13E-12	7.29E-13	4.05E-12	2.28E-11
3354	480863.09	3848377.25	4.22E-08	4.16E-08	4.04E-08	1.46E-11	4.41E-11	2.55E-11	2.52E-11	2.28E-11	1.04E-11	1.01E-11	4.87E-13	1.18E-11	2.60E-12	3.42E-12	5.42E-12	9.56E-13	5.31E-12	3.00E-11
3355	481363.09	3848377.25	4.29E-08	4.24E-08	4.12E-08	1.49E-11	4.49E-11	2.60E-11	2.56E-11	2.32E-11	1.06E-11	1.03E-11	4.96E-13	1.20E-11	2.65E-12	3.48E-12	5.52E-12	9.73E-13	5.41E-12	3.05E-11
3356	481863.09	3848377.25	4.31E-08	4.25E-08	4.13E-08	1.49E-11	4.50E-11	2.61E-11	2.57E-11	2.33E-11	1.06E-11	1.03E-11	4.98E-13	1.20E-11	2.65E-12	3.49E-12	5.54E-12	9.76E-13	5.42E-12	3.06E-11
3357	482363.09	3848377.25	4.28E-08	4.23E-08	4.10E-08	1.48E-11	4.47E-11	2.59E-11	2.56E-11	2.32E-11	1.06E-11	1.03E-11	4.95E-13	1.20E-11	2.64E-12	3.47E-12	5.51E-12	9.71E-13	5.39E-12	3.04E-11
3358	482863.09	3848377.25	3.85E-08	3.80E-08	3.69E-08	1.33E-11	4.03E-11	2.33E-11	2.30E-11	2.09E-11	9.51E-12	9.24E-12	4.45E-13	1.08E-11	2.37E-12	3.12E-12	4.95E-12	8.73E-13	4.85E-12	2.74E-11
3359	483363.09	3848377.25	3.76E-08	3.71E-08	3.60E-08	1.30E-11	3.93E-11	2.28E-11	2.25E-11	2.04E-11	9.29E-12	9.02E-12	4.35E-13	1.05E-11	2.32E-12	3.05E-12	4.84E-12	8.53E-13	4.73E-12	2.67E-11
3360	483863.09	3848377.25	3.36E-08	3.31E-08	3.22E-08	1.16E-11	3.51E-11	2.03E-11	2.00E-11	1.82E-11	8.29E-12	8.05E-12	3.88E-13	9.37E-12	2.07E-12	2.72E-12	4.32E-12	7.61E-13	4.23E-12	2.39E-11
3361	484363.09	3848377.25	3.20E-08	3.16E-08	3.07E-08	1.11E-11	3.35E-11	1.94E-11	1.91E-11	1.73E-11	7.91E-12	7.68E-12	3.70E-13	8.94E-12	1.97E-12	2.60E-12	4.12E-12	7.26E-13	4.03E-12	2.27E-11
3362	484863.09	3848377.25	3.36E-08	3.31E-08	3.22E-08	1.16E-11	3.51E-11	2.03E-11	2.00E-11	1.82E-11	8.29E-12	8.05E-12	3.88E-13	9.37E-12	2.07E-12	2.72E-12	4.32E-12	7.61E-13	4.23E-12	2.39E-11
3363	485363.09	3848377.25	3.27E-08	3.22E-08	3.13E-08	1.13E-11	3.41E-11	1.98E-11	1.95E-11	1.77E-11	8.07E-12	7.83E-12	3.78E-13	9.12E-12	2.01E-12	2.65E-12	4.20E-12	7.40E-13	4.11E-12	2.32E-11
3364	485863.09	3848377.25	3.28E-08	3.24E-08	3.14E-08	1.14E-11	3.43E-11	1.98E-11	1.96E-11	1.78E-11	8.10E-12	7.87E-12	3.79E-13	9.16E-12	2.02E-12	2.66E-12	4.22E-12	7.43E-13	4.13E-12	2.33E-11
3365	486363.09	3848377.25	2.99E-08	2.95E-08	2.87E-08	1.04E-11	3.13E-11	1.81E-11	1.79E-11	1.62E-11	7.39E-12	7.18E-12	3.46E-13	8.36E-12	1.84E-12	2.43E-12	3.85E-12	6.78E-13	3.77E-12	2.13E-11
3366	486863.09	3848377.25	2.80E-08	2.76E-08	2.68E-08	9.69E-12	2.92E-11	1.69E-11	1.67E-11	1.51E-11	6.91E-12	6.71E-12	3.23E-13	7.81E-12	1.72E-12	2.27E-12	3.60E-12	6.34E-13	3.52E-12	1.99E-11
3367	487363.09	3848377.25	2.58E-08	2.54E-08	2.47E-08	8.92E-12	2.69E-11	1.56E-11	1.54E-11	1.39E-11	6.36E-12	6.18E-12	2.98E-13	7.19E-12	1.59E-12	2.09E-12	3.31E-12	5.84E-13	3.24E-12	1.83E-11
3368	487863.09	3848377.25	2.51E-08	2.48E-08	2.41E-08	8.69E-12	2.63E-11	1.52E-11	1.50E-11	1.36E-11	6.20E-12	6.02E-12	2.90E-13	7.01E-12	1.55E-12	2.04E-12	3.23E-12	5.69E-13	3.16E-12	1.78E-11
3369	488363.09	3848377.25	2.33E-08	2.30E-08	2.23E-08	8.06E-12	2.43E-11	1.41E-11	1.39E-11	1.26E-11	5.75E-12	5.59E-12	2.69E-13	6.50E-12	1.44E-12	1.89E-12	3.00E-12	5.28E-13	2.93E-12	1.66E-11
3370	488863.09	3848377.25	2.29E-08	2.26E-08	2.20E-08	7.93E-12	2.39E-11	1.39E-11	1.37E-11	1.24E-11	5.66E-12	5.49E-12	2.65E-13	6.40E-12	1.41E-12	1.86E-12	2.95E-12	5.19E-13	2.88E-12	1.63E-11
3371	489363.09	3848377.25	2.29E-08	2.26E-08	2.20E-08	7.93E-12	2.39E-11	1.39E-11	1.37E-11	1.24E-11	5.66E-12	5.49E-12	2.65E-13	6.40E-12	1.41E-12	1.86E-12	2.95E-12	5.19E-13	2.88E-12	1.63E-11
3372	489863.09	3848377.25	2.29E-08	2.26E-08	2.20E-08	7.93E-12	2.39E-11	1.39E-11	1.37E-11	1.24E-11	5.66E-12	5.49E-12	2.65E-13	6.40E-12	1.41E-12	1.86E-12	2.95E-12	5.19E-13	2.88E-12	1.63E-11
3373	490363.09	3848377.25	2.15E-08	2.12E-08	2.06E-08	7.43E-12	2.24E-11	1.30E-11	1.28E-11	1.16E-11	5.30E-12	5.15E-12	2.48E-13	6.00E-12	1.32E-12	1.74E-12	2.76E-12	4.87E-13	2.70E-12	1.53E-11
3374	490863.09	3848377.25	2.00E-08	1.98E-08	1.92E-08	6.94E-12	2.09E-11	1.21E-11	1.20E-11	1.08E-11	4.95E-12	4.81E-12	2.32E-13	5.60E-12	1.23E-12	1.62E-12	2.58E-12	4.54E-13	2.52E-12	1.42E-11
3375	491363.09	3848377.25	1.82E-08	1.80E-08	1.75E-08	6.31E-12	1.90E-11	1.10E-11	1.09E-11	9.86E-12	4.50E-12	4.37E-12	2.11E-13	5.09E-12	1.12E-12	1.48E-12	2.34E-12	4.13E-13	2.29E-12	1.29E-11
3376	491863.09	3848377.25	1.78E-08	1.76E-08	1.71E-08	6.17E-12	1.86E-11	1.08E-11	1.06E-11	9.65E-12	4.40E-12	4.28E-12	2.06E-13	4.98E-12	1.10E-12	1.45E-12	2.29E-12	4.04E-13	2.24E-12	1.27E-11
3377	492363.09	3848377.25	1.69E-08	1.67E-08	1.62E-08	5.86E-12	1.77E-11	1.02E-11	1.01E-11	9.16E-12	4.18E-12	4.06E-12	1.96E-13	4.72E-12	1.04E-12	1.37E-12	2.18E-12	3.83E-13	2.13E-12	1.20E-11
3378	492863.09	3848377.25	1.56E-08	1.54E-08	1.50E-08	5.41E-12	1.63E-11	9.45E-12	9.33E-12	8.45E-12	3.86E-12	3.75E-12	1.81E-13	4.36E-12	9.62E-13	1.27E-12	2.01E-12	3.54E-13	1.97E-12	1.11E-11
3379	493363.09	3848377.25	1.46E-08	1.44E-08	1.40E-08	5.05E-12	1.52E-11	8.82E-12	8.70E-12	7.89E-12	3.60E-12	3.50E-12	1.68E-13	4.07E-12	8.98E-13	1.18E-12	1.87E-12	3.30E-13	1.83E-12	1.04E-11
3380	493863.09	3848377.25	1.42E-08	1.40E-08	1.36E-08	4.91E-12	1.48E-11	8.58E-12	8.47E-12	7.68E-12	3.50E-12	3.40E-12	1.64E-13	3.96E-12	8.74E-13	1.15E-12	1.82E-12	3.22E-13	1.79E-12	1.01E-11
3381	494363.09	3848377.25	1.41E-08	1.39E-08	1.35E-08	4.87E-12	1.47E-11	8.50E-12	8.39E-12	7.61E-12	3.47E-12	3.37E-12	1.62E-13	3.92E-12	8.66E-13	1.14E-12	1.81E-12	3.19E-13	1.77E-12	9.99E-12
3382	494863.09	3848377.25	1.42E-08	1.40E-08	1.36E-08	4.91E-12	1.48E-11	8.58E-12	8.47E-12	7.68E-12	3.50E-12	3.40E-12	1.64E-13	3.96E-12	8.74E-13	1.15E-12	1.82E-12	3.22E-13	1.79E-12	1.01E-11
3383	495363.09	3848377.25	1.35E-08	1.34E-08	1.30E-08	4.68E-12	1.41E-11	8.19E-12	8.08E-12	7.33E-12	3.34E-12	3.25E-12	1.56E-13	3.78E-12	8.34E-13	1.10E-12	1.74E-12	3.07E-13	1.70E-12	9.62E-12
3384	495863.09	3848377.25	1.34E-08	1.32E-08	1.28E-08	4.64E-12	1.40E-11	8.11E-12	8.00E-12	7.26E-12	3.31E-12	3.22E-12	1.55E-13	3.74E-12	8.26E-13	1.09E-12	1.72E-12	3.04E-13	1.69E-12	9.53E-12
3385	496363.09	3848377.25	1.47E-08	1.45E-08	1.41E-08	5.09E-12	1.54E-11	8.90E-12	8.78E-12	7.96E-12	3.63E-12	3.53E-12	1.70E-13	4.11E-12	9.06E-13	1.19E-12	1.89E-12	3.33E-13	1.85E-12	1.05E-11

3386	496863.09	3848377.25	1.50E-08	1.48E-08	1.43E-08	5.18E-12	1.56E-11	9.06E-12	8.94E-12	8.10E-12	3.70E-12	3.59E-12	1.73E-13	4.18E-12	9.22E-13	1.21E-12	1.92E-12	3.39E-13	1.88E-12	1.06E-11
3387	497363.09	3848377.25	1.69E-08	1.67E-08	1.62E-08	5.86E-12	1.77E-11	1.02E-11	1.01E-11	9.16E-12	4.18E-12	4.06E-12	1.96E-13	4.72E-12	1.04E-12	1.37E-12	2.18E-12	3.83E-13	2.13E-12	1.20E-11
3388	497863.09	3848377.25	2.24E-08	2.21E-08	2.15E-08	7.75E-12	2.34E-11	1.35E-11	1.34E-11	1.21E-11	5.53E-12	5.37E-12	2.59E-13	6.25E-12	1.38E-12	1.81E-12	2.88E-12	5.07E-13	2.82E-12	1.59E-11
3389	498363.09	3848377.25	2.41E-08	2.38E-08	2.31E-08	8.33E-12	2.52E-11	1.46E-11	1.44E-11	1.30E-11	5.95E-12	5.77E-12	2.78E-13	6.72E-12	1.48E-12	1.95E-12	3.10E-12	5.46E-13	3.03E-12	1.71E-11
3390	471363.09	3848877.25	5.79E-08	5.72E-08	5.55E-08	2.00E-11	6.05E-11	3.50E-11	3.46E-11	3.13E-11	1.43E-11	1.39E-11	6.69E-13	1.62E-11	3.57E-12	4.70E-12	7.45E-12	1.31E-12	7.29E-12	4.12E-11
3391	471863.09	3848877.25	5.95E-08	5.87E-08	5.70E-08	2.06E-11	6.22E-11	3.60E-11	3.55E-11	3.22E-11	1.47E-11	1.43E-11	6.87E-13	1.66E-11	3.66E-12	4.82E-12	7.65E-12	1.35E-12	7.49E-12	4.23E-11
3392	472363.09	3848877.25	6.08E-08	6.00E-08	5.82E-08	2.10E-11	6.35E-11	3.68E-11	3.63E-11	3.29E-11	1.50E-11	1.46E-11	7.02E-13	1.70E-11	3.74E-12	4.93E-12	7.82E-12	1.38E-12	7.65E-12	4.32E-11
3393	472863.09	3848877.25	6.29E-08	6.20E-08	6.02E-08	2.18E-11	6.57E-11	3.80E-11	3.75E-11	3.40E-11	1.55E-11	1.51E-11	7.27E-13	1.76E-11	3.87E-12	5.10E-12	8.08E-12	1.42E-12	7.91E-12	4.47E-11
3394	473363.09	3848877.25	6.55E-08	6.46E-08	6.27E-08	2.27E-11	6.84E-11	3.96E-11	3.91E-11	3.54E-11	1.62E-11	1.57E-11	7.57E-13	1.83E-11	4.03E-12	5.31E-12	8.42E-12	1.48E-12	8.24E-12	4.65E-11
3395	473863.09	3848877.25	6.68E-08	6.59E-08	6.40E-08	2.31E-11	6.98E-11	4.04E-11	3.99E-11	3.61E-11	1.65E-11	1.60E-11	7.72E-13	1.86E-11	4.11E-12	5.41E-12	8.59E-12	1.51E-12	8.40E-12	4.74E-11
3396	474363.09	3848877.25	6.82E-08	6.73E-08	6.54E-08	2.36E-11	7.13E-11	4.13E-11	4.07E-11	3.69E-11	1.68E-11	1.64E-11	7.88E-13	1.90E-11	4.20E-12	5.53E-12	8.77E-12	1.55E-12	8.58E-12	4.85E-11
3397	474863.09	3848877.25	6.66E-08	6.58E-08	6.39E-08	2.31E-11	6.96E-11	4.03E-11	3.98E-11	3.61E-11	1.65E-11	1.60E-11	7.70E-13	1.86E-11	4.11E-12	5.40E-12	8.57E-12	1.51E-12	8.39E-12	4.73E-11
3398	475363.09	3848877.25	6.61E-08	6.52E-08	6.34E-08	2.29E-11	6.91E-11	4.00E-11	3.95E-11	3.58E-11	1.63E-11	1.59E-11	7.64E-13	1.85E-11	4.07E-12	5.36E-12	8.50E-12	1.50E-12	8.32E-12	4.70E-11
3399	475863.09	3848877.25	6.79E-08	6.70E-08	6.51E-08	2.35E-11	7.10E-11	4.11E-11	4.06E-11	3.68E-11	1.68E-11	1.63E-11	7.85E-13	1.90E-11	4.19E-12	5.51E-12	8.74E-12	1.54E-12	8.55E-12	4.83E-11
3400	476363.09	3848877.25	6.61E-08	6.52E-08	6.34E-08	2.29E-11	6.91E-11	4.00E-11	3.95E-11	3.58E-11	1.63E-11	1.59E-11	7.64E-13	1.85E-11	4.07E-12	5.36E-12	8.50E-12	1.50E-12	8.32E-12	4.70E-11
3401	476863.09	3848877.25	6.35E-08	6.27E-08	6.09E-08	2.20E-11	6.64E-11	3.84E-11	3.79E-11	3.44E-11	1.57E-11	1.52E-11	7.34E-13	1.77E-11	3.91E-12	5.15E-12	8.17E-12	1.44E-12	7.99E-12	4.51E-11
3402	477363.09	3848877.25	6.96E-08	6.87E-08	6.67E-08	2.41E-11	7.28E-11	4.21E-11	4.16E-11	3.77E-11	1.72E-11	1.67E-11	8.05E-13	1.94E-11	4.29E-12	5.64E-12	8.95E-12	1.58E-12	8.76E-12	4.95E-11
3403	477863.09	3848877.25	6.94E-08	6.85E-08	6.65E-08	2.40E-11	7.25E-11	4.20E-11	4.14E-11	3.75E-11	1.71E-11	1.66E-11	8.02E-13	1.94E-11	4.27E-12	5.62E-12	8.92E-12	1.57E-12	8.73E-12	4.93E-11
3404	478363.09	3848877.25	7.17E-08	7.08E-08	6.87E-08	2.48E-11	7.49E-11	4.34E-11	4.28E-11	3.88E-11	1.77E-11	1.72E-11	8.29E-13	2.00E-11	4.42E-12	5.81E-12	9.22E-12	1.63E-12	9.03E-12	5.10E-11
3405	478863.09	3848877.25	7.38E-08	7.28E-08	7.07E-08	2.55E-11	7.71E-11	4.46E-11	4.41E-11	3.99E-11	1.82E-11	1.77E-11	8.53E-13	2.06E-11	4.55E-12	5.98E-12	9.49E-12	1.67E-12	9.29E-12	5.24E-11
3406	479363.09	3848877.25	6.85E-08	6.76E-08	6.56E-08	2.37E-11	7.15E-11	4.14E-11	4.09E-11	3.71E-11	1.69E-11	1.64E-11	7.91E-13	1.91E-11	4.22E-12	5.55E-12	8.80E-12	1.55E-12	8.62E-12	4.86E-11
3407	479863.09	3848877.25	5.90E-08	5.82E-08	5.65E-08	2.04E-11	6.16E-11	3.57E-11	3.52E-11	3.19E-11	1.46E-11	1.41E-11	6.81E-13	1.65E-11	3.63E-12	4.78E-12	7.58E-12	1.34E-12	7.42E-12	4.19E-11
3408	480363.09	3848877.25	6.09E-08	6.01E-08	5.84E-08	2.11E-11	6.37E-11	3.69E-11	3.64E-11	3.30E-11	1.50E-11	1.46E-11	7.04E-13	1.70E-11	3.75E-12	4.94E-12	7.83E-12	1.38E-12	7.67E-12	4.33E-11
3409	480863.09	3848877.25	5.87E-08	5.79E-08	5.62E-08	2.03E-11	6.13E-11	3.55E-11	3.50E-11	3.18E-11	1.45E-11	1.41E-11	6.78E-13	1.64E-11	3.62E-12	4.76E-12	7.55E-12	1.33E-12	7.39E-12	4.17E-11
3410	481363.09	3848877.25	5.56E-08	5.48E-08	5.33E-08	1.92E-11	5.81E-11	3.36E-11	3.32E-11	3.01E-11	1.37E-11	1.33E-11	6.42E-13	1.55E-11	3.42E-12	4.51E-12	7.15E-12	1.26E-12	7.00E-12	3.95E-11
3411	481863.09	3848877.25	5.04E-08	4.97E-08	4.83E-08	1.74E-11	5.26E-11	3.05E-11	3.01E-11	2.73E-11	1.24E-11	1.21E-11	5.82E-13	1.41E-11	3.10E-12	4.08E-12	6.48E-12	1.14E-12	6.34E-12	3.58E-11
3412	482363.09	3848877.25	4.10E-08	4.05E-08	3.93E-08	1.42E-11	4.28E-11	2.48E-11	2.45E-11	2.22E-11	1.01E-11	9.83E-12	4.74E-13	1.14E-11	2.53E-12	3.32E-12	5.27E-12	9.29E-13	5.16E-12	2.91E-11
3413	482863.09	3848877.25	3.54E-08	3.49E-08	3.39E-08	1.23E-11	3.70E-11	2.14E-11	2.11E-11	1.92E-11	8.74E-12	8.49E-12	4.09E-13	9.88E-12	2.18E-12	2.87E-12	4.55E-12	8.02E-13	4.46E-12	2.52E-11
3414	483363.09	3848877.25	3.16E-08	3.12E-08	3.03E-08	1.09E-11	3.31E-11	1.91E-11	1.89E-11	1.71E-11	7.81E-12	7.59E-12	3.66E-13	8.83E-12	1.95E-12	2.56E-12	4.07E-12	7.17E-13	3.98E-12	2.25E-11
3415	483863.09	3848877.25	3.11E-08	3.07E-08	2.98E-08	1.08E-11	3.25E-11	1.88E-11	1.86E-11	1.68E-11	7.68E-12	7.46E-12	3.60E-13	8.68E-12	1.92E-12	2.52E-12	4.00E-12	7.05E-13	3.92E-12	2.21E-11
3416	484363.09	3848877.25	3.63E-08	3.58E-08	3.48E-08	1.26E-11	3.79E-11	2.20E-11	2.17E-11	1.97E-11	8.97E-12	8.71E-12	4.20E-13	1.01E-11	2.24E-12	2.94E-12	4.67E-12	8.23E-13	4.57E-12	2.58E-11
3417	484863.09	3848877.25	4.09E-08	4.03E-08	3.92E-08	1.41E-11	4.27E-11	2.47E-11	2.44E-11	2.21E-11	1.01E-11	9.80E-12	4.72E-13	1.14E-11	2.52E-12	3.31E-12	5.26E-12	9.26E-13	5.14E-12	2.90E-11
3418	485363.09	3848877.25	3.88E-08	3.83E-08	3.72E-08	1.34E-11	4.05E-11	2.35E-11	2.32E-11	2.10E-11	9.58E-12	9.30E-12	4.48E-13	1.08E-11	2.39E-12	3.14E-12	4.99E-12	8.79E-13	4.88E-12	2.76E-11
3419	485863.09	3848877.25	3.76E-08	3.71E-08	3.60E-08	1.30E-11	3.93E-11	2.28E-11	2.25E-11	2.04E-11	9.29E-12	9.02E-12	4.35E-13	1.05E-11	2.32E-12	3.05E-12	4.84E-12	8.53E-13	4.73E-12	2.67E-11
3420	486363.09	3848877.25	3.40E-08	3.35E-08	3.26E-08	1.18E-11	3.55E-11	2.06E-11	2.03E-11	1.84E-11	8.39E-12	8.15E-12	3.93E-13	9.48E-12	2.09E-12	2.75E-12	4.37E-12	7.70E-13	4.28E-12	2.41E-11
3421	486863.09	3848877.25	3.01E-08	2.97E-08	2.88E-08	1.04E-11	3.14E-11	1.82E-11	1.80E-11	1.63E-11	7.43E-12	7.21E-12	3.47E-13	8.39E-12	1.85E-12	2.44E-12	3.87E-12	6.81E-13	3.78E-12	2.14E-11
3422	487363.09	3848877.25	3.03E-08	2.99E-08	2.91E-08	1.05E-11	3.17E-11	1.83E-11	1.81E-11	1.64E-11	7.49E-12	7.27E-12	3.50E-13	8.47E-12	1.87E-12	2.46E-12	3.90E-12	6.87E-13	3.82E-12	2.15E-11
3423	487863.09	3848877.25	2.89E-08	2.85E-08	2.77E-08	1.00E-11	3.02E-11	1.75E-11	1.73E-11	1.56E-11	7.14E-12	6.93E-12	3.34E-13	8.07E-12	1.78E-12	2.34E-12	3.72E-12	6.55E-13	3.64E-12	2.05E-11
3424	488363.09	3848877.25	2.69E-08	2.66E-08	2.58E-08	9.32E-12	2.82E-11	1.63E-11	1.61E-11	1.46E-11	6.65E-12	6.46E-12	3.11E-13	7.52E-12	1.66E-12	2.18E-12	3.46E-12	6.11E-13	3.39E-12	1.91E-11
3425	488863.09	3848877.25	2.58E-08	2.54E-08	2.47E-08	8.92E-12	2.69E-11	1.56E-11	1.54E-11	1.39E-11	6.36E-12	6.18E-12	2.98E-13	7.19E-12	1.59E-12	2.09E-12	3.31E-12	5.84E-13	3.24E-12	1.83E-11
3426	489363.09	3848877.25	2.62E-08	2.58E-08	2.51E-08	9.05E-12	2.73E-11	1.58E-11	1.56E-11	1.42E-11	6.46E-12	6.27E-12	3.02E-13	7.30E-12	1.61E-12	2.12E-12	3.36E-12	5.93E-13	3.29E-12	1.86E-11
3427	489863.09	3848877.25	2.55E-08	2.52E-08	2.44E-08	8.83E-12	2.67E-11	1.54E-11	1.52E-11	1.38E-11	6.30E-12	6.12E-12	2.95E-13	7.12E-12	1.57E-12	2.07E-12	3.28E-12	5.78E-13	3.21E-12	1.81E-11
3428	490363.09	3848877.25	2.32E-08	2.29E-08	2.22E-08	8.02E-12	2.42E-11	1.40E-11	1.38E-11	1.25E-11	5.72E-12	5.56E-12	2.68E-13	6.47E-12	1.43E-12	1.88E-12	2.98E-12	5.25E-13	2.92E-12	1.65E-11
3429	490863.09	3848877.25	2.16E-08	2.13E-08	2.07E-08	7.48E-12	2.26E-11	1.31E-11	1.29E-11	1.17E-11	5.34E-12	5.18E-12	2.50E-13	6.03E-12	1.33E-12	1.75E-12	2.78E-12	4.90E-13	2.72E-12	1.54E-11
3430	491363.09	3848877.25	1.99E-08	1.97E-08	1.91E-08	6.89E-12	2.08E-11	1.20E-11	1.19E-11	1.08E-11	4.92E-12	4.78E-12	2.30E-13	5.56E-12	1.23E-12	1.61E-12	2.56E-12	4.51E-13	2.51E-12	1.41E-11
3431	491863.09	3848877.25	1.86E-08	1.84E-08	1.78E-08	6.44E-12	1.95E-11	1.13E-11	1.11E-11	1.01E-11	4.60E-12	4.46E-12	2.15E-13	5.20E-12	1.15E-12	1.51E-12	2.39E-12	4.22E-13	2.34E-12	1.32E-11
3432	492363.09	3848877.25	1.73E-08	1.71E-08	1.66E-08	5.99E-12	1.81E-11	1.05E-11	1.03E-11	9.37E-12	4.28E-12	4.15E-12	2.00E-13	4.83E-12	1.07E-12	1.40E-12	2.23E-12	3.92E-13	2.18E-12	1.23E-11
3433	492863.09	3848877.25	1.56E-08	1.54E-08	1.50E-08	5.41E-12	1.63E-11	9.45E-12	9.33E-12	8.45E-12	3.86E-12	3.75E-12	1.81E-13	4.36E-12	9.62E-13	1.27E-12	2.01E-12	3.54E-13	1.97E-12	1.11E-11
3434	493363.09	3848877.25	1.42E-08	1.40E-08	1.36E-08	4.91E-12	1.48E-11	8.58E-12	8.47E-12	7.68E-12	3.50E-12	3.40E-12	1.64E-13	3.96E-12	8.74E-13	1.15E-12	1.82E-12	3.22E-13	1.79E-12	1.01E-11
3435	493863.09	3848877.25	1.42E-08	1.40E-08	1.36E-08	4.91E-12	1.48E-11	8.58E-12	8.47E-12	7.68E-12	3.50E-12	3.40E-12	1.64E-13	3.96E-12	8.74E-13	1.15E-12	1.82E-12	3.22E-13	1.79E-12	1.01E-11
3436	494363.09	3848877.25	1.43E-08	1.41E-08	1.37E-08	4.96E-12	1.50E-11	8.66E-12	8.55E-12	7.75E-12	3.54E-12	3.43E-12	1.65E-13	4.00E-12	8.82E-13	1.16E-12	1.84E-12	3.24E-13	1.80E-12	1.02E-11
3437	494863.09	3848877.25	1.47E-08	1.45E-08	1.41E-08	5.09E-12	1.54E-11	8.90E-12	8.78E-12	7.96E-12	3.63E-12	3.53E-12	1.70E-13	4.11E-12	9.06E-13	1.19E-12	1.89E-12	3.33E-13	1.85E-12	1.05E-11
3438	495363.09	3848877.25	1.46E-08	1.44E-08	1.40E-08	5.05E-12	1.52E-11	8.82E-12	8.70E-12	7.89E-12	3.60E-12	3.50E-12	1.68E-13	4.07E-12	8.98E-13	1.18E-12	1.87E-12	3.30E-13	1.83E-12	1.04E-11

3439	495863.09	3848877.25	1.43E-08	1.41E-08	1.37E-08	4.96E-12	1.50E-11	8.66E-12	8.55E-12	7.75E-12	3.54E-12	3.43E-12	1.65E-13	4.00E-12	8.82E-13	1.16E-12	1.84E-12	3.24E-13	1.80E-12	1.02E-11
3440	496363.09	3848877.25	1.52E-08	1.50E-08	1.46E-08	5.27E-12	1.59E-11	9.21E-12	9.09E-12	8.24E-12	3.76E-12	3.65E-12	1.76E-13	4.25E-12	9.38E-13	1.23E-12	1.96E-12	3.45E-13	1.92E-12	1.08E-11
3441	496863.09	3848877.25	1.68E-08	1.66E-08	1.61E-08	5.81E-12	1.75E-11	1.02E-11	1.00E-11	9.09E-12	4.15E-12	4.03E-12	1.94E-13	4.69E-12	1.03E-12	1.36E-12	2.16E-12	3.81E-13	2.11E-12	1.19E-11
3442	497363.09	3848877.25	2.12E-08	2.09E-08	2.03E-08	7.34E-12	2.22E-11	1.28E-11	1.27E-11	1.15E-11	5.24E-12	5.09E-12	2.45E-13	5.92E-12	1.31E-12	1.72E-12	2.73E-12	4.81E-13	2.67E-12	1.51E-11
3443	497863.09	3848877.25	2.41E-08	2.38E-08	2.31E-08	8.33E-12	2.52E-11	1.46E-11	1.44E-11	1.30E-11	5.95E-12	5.77E-12	2.78E-13	6.72E-12	1.48E-12	1.95E-12	3.10E-12	5.46E-13	3.03E-12	1.71E-11
3444	498363.09	3848877.25	2.77E-08	2.74E-08	2.66E-08	9.60E-12	2.90E-11	1.68E-11	1.66E-11	1.50E-11	6.85E-12	6.65E-12	3.20E-13	7.74E-12	1.71E-12	2.25E-12	3.57E-12	6.28E-13	3.49E-12	1.97E-11
3445	471363.09	3849377.25	5.69E-08	5.61E-08	5.45E-08	1.97E-11	5.94E-11	3.44E-11	3.40E-11	3.08E-11	1.40E-11	1.36E-11	6.57E-13	1.59E-11	3.50E-12	4.61E-12	7.31E-12	1.29E-12	7.16E-12	4.04E-11
3446	471863.09	3849377.25	6.17E-08	6.09E-08	5.91E-08	2.14E-11	6.45E-11	3.73E-11	3.68E-11	3.34E-11	1.52E-11	1.48E-11	7.13E-13	1.72E-11	3.80E-12	5.00E-12	7.93E-12	1.40E-12	7.77E-12	4.38E-11
3447	472363.09	3849377.25	6.40E-08	6.32E-08	6.14E-08	2.22E-11	6.69E-11	3.87E-11	3.82E-11	3.47E-11	1.58E-11	1.54E-11	7.40E-13	1.79E-11	3.94E-12	5.19E-12	8.24E-12	1.45E-12	8.06E-12	4.55E-11
3448	472863.09	3849377.25	6.53E-08	6.45E-08	6.26E-08	2.26E-11	6.83E-11	3.95E-11	3.90E-11	3.54E-11	1.61E-11	1.57E-11	7.55E-13	1.82E-11	4.03E-12	5.30E-12	8.40E-12	1.48E-12	8.22E-12	4.64E-11
3449	473363.09	3849377.25	6.69E-08	6.60E-08	6.41E-08	2.32E-11	6.99E-11	4.05E-11	3.99E-11	3.62E-11	1.65E-11	1.60E-11	7.73E-13	1.87E-11	4.12E-12	5.42E-12	8.60E-12	1.52E-12	8.42E-12	4.75E-11
3450	473863.09	3849377.25	6.95E-08	6.86E-08	6.66E-08	2.41E-11	7.26E-11	4.20E-11	4.15E-11	3.76E-11	1.72E-11	1.67E-11	8.03E-13	1.94E-11	4.28E-12	5.63E-12	8.94E-12	1.58E-12	8.75E-12	4.94E-11
3451	474363.09	3849377.25	7.18E-08	7.09E-08	6.88E-08	2.49E-11	7.51E-11	4.35E-11	4.29E-11	3.89E-11	1.77E-11	1.72E-11	8.30E-13	2.01E-11	4.43E-12	5.82E-12	9.24E-12	1.63E-12	9.04E-12	5.10E-11
3452	474863.09	3849377.25	7.37E-08	7.27E-08	7.06E-08	2.55E-11	7.70E-11	4.46E-11	4.40E-11	3.99E-11	1.82E-11	1.77E-11	8.51E-13	2.06E-11	4.54E-12	5.97E-12	9.47E-12	1.67E-12	9.27E-12	5.23E-11
3453	475363.09	3849377.25	7.46E-08	7.36E-08	7.15E-08	2.58E-11	7.79E-11	4.51E-11	4.45E-11	4.04E-11	1.84E-11	1.79E-11	8.62E-13	2.08E-11	4.59E-12	6.05E-12	9.59E-12	1.69E-12	9.39E-12	5.30E-11
3454	475863.09	3849377.25	7.69E-08	7.59E-08	7.37E-08	2.66E-11	8.04E-11	4.65E-11	4.59E-11	4.16E-11	1.90E-11	1.84E-11	8.89E-13	2.15E-11	4.74E-12	6.24E-12	9.89E-12	1.74E-12	9.68E-12	5.47E-11
3455	476363.09	3849377.25	7.80E-08	7.69E-08	7.47E-08	2.70E-11	8.15E-11	4.72E-11	4.66E-11	4.22E-11	1.93E-11	1.87E-11	9.01E-13	2.18E-11	4.80E-12	6.32E-12	1.00E-11	1.77E-12	9.81E-12	5.54E-11
3456	476863.09	3849377.25	7.70E-08	7.60E-08	7.38E-08	2.67E-11	8.05E-11	4.66E-11	4.60E-11	4.17E-11	1.90E-11	1.85E-11	8.91E-13	2.15E-11	4.75E-12	6.25E-12	9.91E-12	1.75E-12	9.70E-12	5.47E-11
3457	477363.09	3849377.25	7.51E-08	7.41E-08	7.20E-08	2.60E-11	7.85E-11	4.54E-11	4.48E-11	4.06E-11	1.85E-11	1.80E-11	8.68E-13	2.10E-11	4.63E-12	6.09E-12	9.66E-12	1.70E-12	9.45E-12	5.34E-11
3458	477863.09	3849377.25	7.44E-08	7.35E-08	7.13E-08	2.58E-11	7.78E-11	4.50E-11	4.45E-11	4.03E-11	1.84E-11	1.79E-11	8.60E-13	2.08E-11	4.59E-12	6.04E-12	9.57E-12	1.69E-12	9.37E-12	5.29E-11
3459	478363.09	3849377.25	7.66E-08	7.56E-08	7.35E-08	2.65E-11	8.01E-11	4.64E-11	4.58E-11	4.15E-11	1.89E-11	1.84E-11	8.86E-13	2.14E-11	4.72E-12	6.21E-12	9.86E-12	1.74E-12	9.65E-12	5.45E-11
3460	478863.09	3849377.25	7.63E-08	7.53E-08	7.31E-08	2.64E-11	7.97E-11	4.61E-11	4.55E-11	4.13E-11	1.88E-11	1.83E-11	8.82E-13	2.13E-11	4.70E-12	6.18E-12	9.81E-12	1.73E-12	9.60E-12	5.42E-11
3461	479363.09	3849377.25	8.03E-08	7.92E-08	7.70E-08	2.78E-11	8.39E-11	4.86E-11	4.79E-11	4.35E-11	1.98E-11	1.93E-11	9.28E-13	2.24E-11	4.95E-12	6.51E-12	1.03E-11	1.82E-12	1.01E-11	5.71E-11
3462	479863.09	3849377.25	7.30E-08	7.21E-08	7.00E-08	2.53E-11	7.63E-11	4.42E-11	4.36E-11	3.95E-11	1.80E-11	1.75E-11	8.44E-13	2.04E-11	4.50E-12	5.92E-12	9.39E-12	1.65E-12	9.19E-12	5.19E-11
3463	480363.09	3849377.25	7.94E-08	7.83E-08	7.61E-08	2.75E-11	8.30E-11	4.80E-11	4.74E-11	4.30E-11	1.96E-11	1.90E-11	9.18E-13	2.22E-11	4.89E-12	6.44E-12	1.02E-11	1.80E-12	9.99E-12	5.64E-11
3464	480863.09	3849377.25	7.59E-08	7.49E-08	7.27E-08	2.63E-11	7.93E-11	4.59E-11	4.53E-11	4.11E-11	1.87E-11	1.82E-11	8.77E-13	2.12E-11	4.67E-12	6.15E-12	9.76E-12	1.72E-12	9.55E-12	5.39E-11
3465	481363.09	3849377.25	6.18E-08	6.10E-08	5.92E-08	2.14E-11	6.46E-11	3.74E-11	3.69E-11	3.35E-11	1.53E-11	1.48E-11	7.15E-13	1.73E-11	3.81E-12	5.01E-12	7.95E-12	1.40E-12	7.78E-12	4.39E-11
3466	481863.09	3849377.25	4.81E-08	4.75E-08	4.61E-08	1.67E-11	5.03E-11	2.91E-11	2.88E-11	2.61E-11	1.19E-11	1.15E-11	5.57E-13	1.34E-11	2.97E-12	3.90E-12	6.19E-12	1.09E-12	6.06E-12	3.42E-11
3467	482363.09	3849377.25	4.23E-08	4.17E-08	4.05E-08	1.46E-11	4.42E-11	2.56E-11	2.53E-11	2.29E-11	1.04E-11	1.01E-11	4.89E-13	1.18E-11	2.61E-12	3.43E-12	5.44E-12	9.59E-13	5.32E-12	3.01E-11
3468	482863.09	3849377.25	3.38E-08	3.34E-08	3.24E-08	1.17E-11	3.54E-11	2.05E-11	2.02E-11	1.83E-11	8.36E-12	8.12E-12	3.91E-13	9.45E-12	2.08E-12	2.74E-12	4.35E-12	7.67E-13	4.26E-12	2.40E-11
3469	483363.09	3849377.25	3.10E-08	3.06E-08	2.97E-08	1.07E-11	3.24E-11	1.87E-11	1.85E-11	1.68E-11	7.65E-12	7.43E-12	3.58E-13	8.65E-12	1.91E-12	2.51E-12	3.98E-12	7.02E-13	3.90E-12	2.20E-11
3470	483863.09	3849377.25	2.67E-08	2.63E-08	2.56E-08	9.23E-12	2.79E-11	1.61E-11	1.59E-11	1.44E-11	6.59E-12	6.40E-12	3.08E-13	7.45E-12	1.64E-12	2.16E-12	3.43E-12	6.05E-13	3.36E-12	1.90E-11
3471	484363.09	3849377.25	4.11E-08	4.06E-08	3.94E-08	1.42E-11	4.30E-11	2.49E-11	2.46E-11	2.23E-11	1.02E-11	9.86E-12	4.75E-13	1.15E-11	2.53E-12	3.33E-12	5.29E-12	9.32E-13	5.18E-12	2.92E-11
3472	484863.09	3849377.25	4.88E-08	4.82E-08	4.68E-08	1.69E-11	5.10E-11	2.95E-11	2.91E-11	2.64E-11	1.21E-11	1.17E-11	5.64E-13	1.36E-11	3.01E-12	3.96E-12	6.28E-12	1.11E-12	6.14E-12	3.47E-11
3473	485363.09	3849377.25	4.68E-08	4.62E-08	4.49E-08	1.62E-11	4.90E-11	2.83E-11	2.80E-11	2.54E-11	1.16E-11	1.12E-11	5.42E-13	1.31E-11	2.89E-12	3.80E-12	6.03E-12	1.06E-12	5.90E-12	3.33E-11
3474	485863.09	3849377.25	3.57E-08	3.52E-08	3.42E-08	1.23E-11	3.73E-11	2.16E-11	2.13E-11	1.93E-11	8.81E-12	8.55E-12	4.12E-13	9.96E-12	2.20E-12	2.89E-12	4.59E-12	8.08E-13	4.49E-12	2.53E-11
3475	486363.09	3849377.25	2.89E-08	2.85E-08	2.77E-08	1.00E-11	3.02E-11	1.75E-11	1.73E-11	1.56E-11	7.14E-12	6.93E-12	3.34E-13	8.07E-12	1.78E-12	2.34E-12	3.72E-12	6.55E-13	3.64E-12	2.05E-11
3476	486863.09	3849377.25	3.40E-08	3.35E-08	3.26E-08	1.18E-11	3.55E-11	2.06E-11	2.03E-11	1.84E-11	8.39E-12	8.15E-12	3.93E-13	9.48E-12	2.09E-12	2.75E-12	4.37E-12	7.70E-13	4.28E-12	2.41E-11
3477	487363.09	3849377.25	3.49E-08	3.44E-08	3.34E-08	1.21E-11	3.65E-11	2.11E-11	2.08E-11	1.89E-11	8.61E-12	8.37E-12	4.03E-13	9.74E-12	2.15E-12	2.83E-12	4.49E-12	7.91E-13	4.39E-12	2.48E-11
3478	487863.09	3849377.25	3.36E-08	3.31E-08	3.22E-08	1.16E-11	3.51E-11	2.03E-11	2.00E-11	1.82E-11	8.29E-12	8.05E-12	3.88E-13	9.37E-12	2.07E-12	2.72E-12	4.32E-12	7.61E-13	4.23E-12	2.39E-11
3479	488363.09	3849377.25	3.11E-08	3.07E-08	2.98E-08	1.08E-11	3.25E-11	1.88E-11	1.86E-11	1.68E-11	7.68E-12	7.46E-12	3.60E-13	8.68E-12	1.92E-12	2.52E-12	4.00E-12	7.05E-13	3.92E-12	2.21E-11
3480	488863.09	3849377.25	2.98E-08	2.94E-08	2.86E-08	1.03E-11	3.11E-11	1.80E-11	1.78E-11	1.61E-11	7.36E-12	7.15E-12	3.44E-13	8.32E-12	1.84E-12	2.42E-12	3.83E-12	6.76E-13	3.75E-12	2.12E-11
3481	489363.09	3849377.25	2.99E-08	2.95E-08	2.87E-08	1.04E-11	3.13E-11	1.81E-11	1.79E-11	1.62E-11	7.39E-12	7.18E-12	3.46E-13	8.36E-12	1.84E-12	2.43E-12	3.85E-12	6.78E-13	3.77E-12	2.13E-11
3482	489863.09	3849377.25	2.82E-08	2.79E-08	2.71E-08	9.78E-12	2.95E-11	1.71E-11	1.69E-11	1.53E-11	6.98E-12	6.77E-12	3.26E-13	7.88E-12	1.74E-12	2.29E-12	3.63E-12	6.40E-13	3.55E-12	2.01E-11
3483	490363.09	3849377.25	2.54E-08	2.50E-08	2.43E-08	8.78E-12	2.65E-11	1.54E-11	1.52E-11	1.37E-11	6.27E-12	6.09E-12	2.93E-13	7.09E-12	1.56E-12	2.06E-12	3.26E-12	5.75E-13	3.19E-12	1.80E-11
3484	490863.09	3849377.25	2.37E-08	2.34E-08	2.27E-08	8.20E-12	2.48E-11	1.43E-11	1.41E-11	1.28E-11	5.85E-12	5.68E-12	2.74E-13	6.61E-12	1.46E-12	1.92E-12	3.05E-12	5.37E-13	2.98E-12	1.68E-11
3485	491363.09	3849377.25	2.17E-08	2.14E-08	2.08E-08	7.52E-12	2.27E-11	1.31E-11	1.30E-11	1.18E-11	5.37E-12	5.21E-12	2.51E-13	6.07E-12	1.34E-12	1.76E-12	2.80E-12	4.93E-13	2.74E-12	1.54E-11
3486	491863.09	3849377.25	2.03E-08	2.00E-08	1.95E-08	7.03E-12	2.12E-11	1.23E-11	1.21E-11	1.10E-11	5.01E-12	4.87E-12	2.35E-13	5.67E-12	1.25E-12	1.65E-12	2.61E-12	4.60E-13	2.56E-12	1.44E-11
3487	492363.09	3849377.25	1.86E-08	1.84E-08	1.78E-08	6.44E-12	1.95E-11	1.13E-11	1.11E-11	1.01E-11	4.60E-12	4.46E-12	2.15E-13	5.20E-12	1.15E-12	1.51E-12	2.39E-12	4.22E-13	2.34E-12	1.32E-11
3488	492863.09	3849377.25	1.63E-08	1.61E-08	1.56E-08	5.63E-12	1.70E-11	9.84E-12	9.71E-12	8.81E-12	4.02E-12	3.90E-12	1.88E-13	4.54E-12	1.00E-12	1.32E-12	2.09E-12	3.69E-13	2.05E-12	1.16E-11
3489	493363.09	3849377.25	1.52E-08	1.50E-08	1.46E-08	5.27E-12	1.59E-11	9.21E-12	9.09E-12	8.24E-12	3.76E-12	3.65E-12	1.76E-13	4.25E-12	9.38E-13	1.23E-12	1.96E-12	3.45E-13	1.92E-12	1.08E-11
3490	493863.09	3849377.25	1.51E-08	1.49E-08	1.45E-08	5.23E-12	1.58E-11	9.13E-12	9.01E-12	8.17E-12	3.73E-12	3.62E-12	1.74E-13	4.21E-12	9.30E-13	1.22E-12	1.94E-12	3.42E-13	1.90E-12	1.07E-11
3491	494363.09	3849377.25	1.56E-08	1.54E-08	1.50E-08	5.41E-12	1.63E-11	9.45E-12	9.33E-12	8.45E-12	3.86E-12	3.75E-12	1.81E-13	4.36E-12	9.62E-13	1.27E-12	2.01E-12	3.54E-13	1.97E-12	1.11E-11

3492	494863.09	3849377.25	1.68E-08	1.66E-08	1.61E-08	5.81E-12	1.75E-11	1.02E-11	1.00E-11	9.09E-12	4.15E-12	4.03E-12	1.94E-13	4.69E-12	1.03E-12	1.36E-12	2.16E-12	3.81E-13	2.11E-12	1.19E-11
3493	495363.09	3849377.25	1.73E-08	1.71E-08	1.66E-08	5.99E-12	1.81E-11	1.05E-11	1.03E-11	9.37E-12	4.28E-12	4.15E-12	2.00E-13	4.83E-12	1.07E-12	1.40E-12	2.23E-12	3.92E-13	2.18E-12	1.23E-11
3494	495863.09	3849377.25	1.57E-08	1.55E-08	1.51E-08	5.45E-12	1.65E-11	9.53E-12	9.40E-12	8.52E-12	3.89E-12	3.78E-12	1.82E-13	4.40E-12	9.70E-13	1.28E-12	2.03E-12	3.57E-13	1.98E-12	1.12E-11
3495	496363.09	3849377.25	1.60E-08	1.58E-08	1.53E-08	5.54E-12	1.67E-11	9.69E-12	9.56E-12	8.66E-12	3.95E-12	3.84E-12	1.85E-13	4.47E-12	9.86E-13	1.30E-12	2.06E-12	3.63E-13	2.01E-12	1.14E-11
3496	496863.09	3849377.25	2.04E-08	2.02E-08	1.96E-08	7.07E-12	2.14E-11	1.24E-11	1.22E-11	1.11E-11	5.05E-12	4.90E-12	2.36E-13	5.70E-12	1.26E-12	1.66E-12	2.63E-12	4.63E-13	2.57E-12	1.45E-11
3497	497363.09	3849377.25	2.28E-08	2.25E-08	2.18E-08	7.88E-12	2.38E-11	1.38E-11	1.36E-11	1.23E-11	5.63E-12	5.46E-12	2.63E-13	6.36E-12	1.40E-12	1.85E-12	2.93E-12	5.16E-13	2.87E-12	1.62E-11
3498	497863.09	3849377.25	3.11E-08	3.07E-08	2.98E-08	1.08E-11	3.25E-11	1.88E-11	1.86E-11	1.68E-11	7.68E-12	7.46E-12	3.60E-13	8.68E-12	1.92E-12	2.52E-12	4.00E-12	7.05E-13	3.92E-12	2.21E-11
3499	498363.09	3849377.25	3.11E-08	3.07E-08	2.98E-08	1.08E-11	3.25E-11	1.88E-11	1.86E-11	1.68E-11	7.68E-12	7.46E-12	3.60E-13	8.68E-12	1.92E-12	2.52E-12	4.00E-12	7.05E-13	3.92E-12	2.21E-11
3500	471363.09	3849877.25	5.10E-08	5.03E-08	4.89E-08	1.77E-11	5.33E-11	3.09E-11	3.05E-11	2.76E-11	1.26E-11	1.22E-11	5.90E-13	1.42E-11	3.14E-12	4.14E-12	6.56E-12	1.16E-12	6.42E-12	3.63E-11
3501	471863.09	3849877.25	5.75E-08	5.68E-08	5.51E-08	1.99E-11	6.01E-11	3.48E-11	3.43E-11	3.11E-11	1.42E-11	1.38E-11	6.65E-13	1.61E-11	3.54E-12	4.66E-12	7.40E-12	1.30E-12	7.24E-12	4.09E-11
3502	472363.09	3849877.25	6.40E-08	6.32E-08	6.14E-08	2.22E-11	6.69E-11	3.87E-11	3.82E-11	3.47E-11	1.58E-11	1.54E-11	7.40E-13	1.79E-11	3.94E-12	5.19E-12	8.24E-12	1.45E-12	8.06E-12	4.55E-11
3503	472863.09	3849877.25	6.85E-08	6.76E-08	6.56E-08	2.37E-11	7.15E-11	4.14E-11	4.09E-11	3.71E-11	1.69E-11	1.64E-11	7.91E-13	1.91E-11	4.22E-12	5.55E-12	8.80E-12	1.55E-12	8.62E-12	4.86E-11
3504	473363.09	3849877.25	7.03E-08	6.94E-08	6.73E-08	2.43E-11	7.34E-11	4.25E-11	4.20E-11	3.80E-11	1.74E-11	1.69E-11	8.12E-13	1.96E-11	4.33E-12	5.70E-12	9.04E-12	1.59E-12	8.85E-12	4.99E-11
3505	473863.09	3849877.25	7.20E-08	7.10E-08	6.90E-08	2.49E-11	7.52E-11	4.35E-11	4.30E-11	3.90E-11	1.78E-11	1.73E-11	8.32E-13	2.01E-11	4.43E-12	5.83E-12	9.26E-12	1.63E-12	9.06E-12	5.11E-11
3506	474363.09	3849877.25	7.43E-08	7.33E-08	7.12E-08	2.57E-11	7.77E-11	4.50E-11	4.44E-11	4.02E-11	1.84E-11	1.78E-11	8.59E-13	2.07E-11	4.58E-12	6.02E-12	9.56E-12	1.68E-12	9.35E-12	5.28E-11
3507	474863.09	3849877.25	7.72E-08	7.62E-08	7.40E-08	2.67E-11	8.07E-11	4.67E-11	4.61E-11	4.18E-11	1.91E-11	1.85E-11	8.92E-13	2.15E-11	4.75E-12	6.26E-12	9.93E-12	1.75E-12	9.71E-12	5.48E-11
3508	475363.09	3849877.25	7.89E-08	7.78E-08	7.56E-08	2.73E-11	8.24E-11	4.77E-11	4.71E-11	4.27E-11	1.95E-11	1.89E-11	9.12E-13	2.20E-11	4.86E-12	6.39E-12	1.01E-11	1.79E-12	9.93E-12	5.60E-11
3509	475863.09	3849877.25	8.07E-08	7.96E-08	7.73E-08	2.79E-11	8.43E-11	4.88E-11	4.82E-11	4.37E-11	1.99E-11	1.94E-11	9.33E-13	2.25E-11	4.97E-12	6.54E-12	1.04E-11	1.83E-12	1.02E-11	5.73E-11
3510	476363.09	3849877.25	8.30E-08	8.19E-08	7.96E-08	2.87E-11	8.68E-11	5.02E-11	4.96E-11	4.49E-11	2.05E-11	1.99E-11	9.60E-13	2.32E-11	5.12E-12	6.73E-12	1.07E-11	1.88E-12	1.05E-11	5.90E-11
3511	476863.09	3849877.25	8.54E-08	8.43E-08	8.18E-08	2.96E-11	8.92E-11	5.17E-11	5.10E-11	4.62E-11	2.11E-11	2.05E-11	9.87E-13	2.38E-11	5.26E-12	6.92E-12	1.10E-11	1.94E-12	1.07E-11	6.07E-11
3512	477363.09	3849877.25	8.68E-08	8.57E-08	8.32E-08	3.00E-11	9.07E-11	5.25E-11	5.18E-11	4.70E-11	2.14E-11	2.08E-11	1.00E-12	2.42E-11	5.35E-12	7.04E-12	1.12E-11	1.97E-12	1.09E-11	6.17E-11
3513	477863.09	3849877.25	8.55E-08	8.44E-08	8.19E-08	2.96E-11	8.94E-11	5.17E-11	5.11E-11	4.63E-11	2.11E-11	2.05E-11	9.88E-13	2.39E-11	5.27E-12	6.93E-12	1.10E-11	1.94E-12	1.08E-11	6.08E-11
3514	478363.09	3849877.25	8.37E-08	8.26E-08	8.02E-08	2.90E-11	8.75E-11	5.06E-11	5.00E-11	4.53E-11	2.07E-11	2.01E-11	9.67E-13	2.34E-11	5.16E-12	6.78E-12	1.08E-11	1.90E-12	1.05E-11	5.95E-11
3515	478863.09	3849877.25	8.64E-08	8.53E-08	8.28E-08	2.99E-11	9.03E-11	5.23E-11	5.16E-11	4.68E-11	2.13E-11	2.07E-11	9.99E-13	2.41E-11	5.32E-12	7.01E-12	1.11E-11	1.96E-12	1.09E-11	6.14E-11
3516	479363.09	3849877.25	8.67E-08	8.55E-08	8.31E-08	3.00E-11	9.06E-11	5.24E-11	5.18E-11	4.69E-11	2.14E-11	2.08E-11	1.00E-12	2.42E-11	5.34E-12	7.03E-12	1.11E-11	1.96E-12	1.09E-11	6.16E-11
3517	479863.09	3849877.25	9.51E-08	9.39E-08	9.12E-08	3.29E-11	9.94E-11	5.76E-11	5.68E-11	5.15E-11	2.35E-11	2.28E-11	1.10E-12	2.66E-11	5.86E-12	7.71E-12	1.22E-11	2.16E-12	1.20E-11	6.76E-11
3518	480363.09	3849877.25	8.94E-08	8.82E-08	8.57E-08	3.09E-11	9.34E-11	5.41E-11	5.34E-11	4.84E-11	2.21E-11	2.14E-11	1.03E-12	2.50E-11	5.51E-12	7.25E-12	1.15E-11	2.03E-12	1.13E-11	6.35E-11
3519	480863.09	3849877.25	8.17E-08	8.07E-08	7.83E-08	2.83E-11	8.54E-11	4.94E-11	4.88E-11	4.42E-11	2.02E-11	1.96E-11	9.45E-13	2.28E-11	5.04E-12	6.63E-12	1.05E-11	1.85E-12	1.03E-11	5.81E-11
3520	481363.09	3849877.25	7.48E-08	7.39E-08	7.17E-08	2.59E-11	7.82E-11	4.53E-11	4.47E-11	4.05E-11	1.85E-11	1.79E-11	8.65E-13	2.09E-11	4.61E-12	6.07E-12	9.62E-12	1.70E-12	9.42E-12	5.32E-11
3521	481863.09	3849877.25	5.13E-08	5.06E-08	4.91E-08	1.77E-11	5.36E-11	3.10E-11	3.06E-11	2.78E-11	1.27E-11	1.23E-11	5.93E-13	1.43E-11	3.16E-12	4.16E-12	6.59E-12	1.16E-12	6.45E-12	3.64E-11
3522	482363.09	3849877.25	4.35E-08	4.29E-08	4.17E-08	1.50E-11	4.54E-11	2.63E-11	2.60E-11	2.35E-11	1.07E-11	1.04E-11	5.02E-13	1.21E-11	2.68E-12	3.52E-12	5.59E-12	9.85E-13	5.47E-12	3.09E-11
3523	482863.09	3849877.25	3.66E-08	3.61E-08	3.50E-08	1.27E-11	3.82E-11	2.21E-11	2.18E-11	1.98E-11	9.03E-12	8.77E-12	4.23E-13	1.02E-11	2.25E-12	2.96E-12	4.70E-12	8.29E-13	4.60E-12	2.60E-11
3524	483363.09	3849877.25	3.10E-08	3.06E-08	2.97E-08	1.07E-11	3.24E-11	1.87E-11	1.85E-11	1.68E-11	7.65E-12	7.43E-12	3.58E-13	8.65E-12	1.91E-12	2.51E-12	3.98E-12	7.02E-13	3.90E-12	2.20E-11
3525	483863.09	3849877.25	3.10E-08	3.06E-08	2.97E-08	1.07E-11	3.24E-11	1.87E-11	1.85E-11	1.68E-11	7.65E-12	7.43E-12	3.58E-13	8.65E-12	1.91E-12	2.51E-12	3.98E-12	7.02E-13	3.90E-12	2.20E-11
3526	484363.09	3849877.25	4.49E-08	4.43E-08	4.30E-08	1.55E-11	4.69E-11	2.72E-11	2.68E-11	2.43E-11	1.11E-11	1.08E-11	5.19E-13	1.25E-11	2.77E-12	3.64E-12	5.77E-12	1.02E-12	5.65E-12	3.19E-11
3527	484863.09	3849877.25	6.03E-08	5.95E-08	5.77E-08	2.09E-11	6.30E-11	3.65E-11	3.60E-11	3.26E-11	1.49E-11	1.45E-11	6.96E-13	1.68E-11	3.71E-12	4.89E-12	7.75E-12	1.37E-12	7.58E-12	4.28E-11
3528	485363.09	3849877.25	5.39E-08	5.32E-08	5.16E-08	1.86E-11	5.63E-11	3.26E-11	3.22E-11	2.92E-11	1.33E-11	1.29E-11	6.23E-13	1.50E-11	3.32E-12	4.37E-12	6.93E-12	1.22E-12	6.78E-12	3.83E-11
3529	485863.09	3849877.25	4.45E-08	4.39E-08	4.27E-08	1.54E-11	4.65E-11	2.69E-11	2.66E-11	2.41E-11	1.10E-11	1.07E-11	5.14E-13	1.24E-11	2.74E-12	3.61E-12	5.72E-12	1.01E-12	5.60E-12	3.16E-11
3530	486363.09	3849877.25	3.97E-08	3.92E-08	3.80E-08	1.37E-11	4.15E-11	2.40E-11	2.37E-11	2.15E-11	9.80E-12	9.52E-12	4.59E-13	1.11E-11	2.45E-12	3.22E-12	5.11E-12	9.00E-13	5.00E-12	2.82E-11
3531	486863.09	3849877.25	4.26E-08	4.20E-08	4.08E-08	1.47E-11	4.45E-11	2.57E-11	2.54E-11	2.30E-11	1.05E-11	1.02E-11	4.92E-13	1.19E-11	2.62E-12	3.45E-12	5.47E-12	9.65E-13	5.36E-12	3.02E-11
3532	487363.09	3849877.25	4.14E-08	4.08E-08	3.97E-08	1.43E-11	4.33E-11	2.50E-11	2.47E-11	2.24E-11	1.02E-11	9.93E-12	4.78E-13	1.16E-11	2.55E-12	3.36E-12	5.32E-12	9.38E-13	5.21E-12	2.94E-11
3533	487863.09	3849877.25	3.98E-08	3.93E-08	3.82E-08	1.38E-11	4.16E-11	2.41E-11	2.38E-11	2.16E-11	9.84E-12	9.55E-12	4.60E-13	1.11E-11	2.45E-12	3.23E-12	5.12E-12	9.03E-13	5.01E-12	2.83E-11
3534	488363.09	3849877.25	3.70E-08	3.65E-08	3.54E-08	1.28E-11	3.86E-11	2.24E-11	2.21E-11	2.00E-11	9.13E-12	8.86E-12	4.27E-13	1.03E-11	2.28E-12	3.00E-12	4.75E-12	8.38E-13	4.65E-12	2.63E-11
3535	488863.09	3849877.25	3.50E-08	3.45E-08	3.35E-08	1.21E-11	3.66E-11	2.12E-11	2.09E-11	1.90E-11	8.65E-12	8.40E-12	4.05E-13	9.77E-12	2.16E-12	2.84E-12	4.50E-12	7.94E-13	4.41E-12	2.49E-11
3536	489363.09	3849877.25	3.42E-08	3.38E-08	3.28E-08	1.18E-11	3.58E-11	2.07E-11	2.04E-11	1.85E-11	8.45E-12	8.21E-12	3.96E-13	9.56E-12	2.11E-12	2.77E-12	4.40E-12	7.76E-13	4.31E-12	2.43E-11
3537	489863.09	3849877.25	3.14E-08	3.10E-08	3.01E-08	1.09E-11	3.28E-11	1.90E-11	1.87E-11	1.70E-11	7.75E-12	7.52E-12	3.63E-13	8.76E-12	1.93E-12	2.54E-12	4.03E-12	7.11E-13	3.95E-12	2.23E-11
3538	490363.09	3849877.25	2.84E-08	2.80E-08	2.72E-08	9.82E-12	2.97E-11	1.72E-11	1.69E-11	1.54E-11	7.01E-12	6.80E-12	3.28E-13	7.92E-12	1.75E-12	2.30E-12	3.65E-12	6.43E-13	3.57E-12	2.02E-11
3539	490863.09	3849877.25	2.64E-08	2.61E-08	2.53E-08	9.14E-12	2.76E-11	1.60E-11	1.58E-11	1.43E-11	6.53E-12	6.34E-12	3.05E-13	7.38E-12	1.63E-12	2.14E-12	3.40E-12	5.99E-13	3.33E-12	1.88E-11
3540	491363.09	3849877.25	2.42E-08	2.39E-08	2.32E-08	8.38E-12	2.53E-11	1.46E-11	1.45E-11	1.31E-11	5.98E-12	5.81E-12	2.80E-13	6.76E-12	1.49E-12	1.96E-12	3.11E-12	5.49E-13	3.05E-12	1.72E-11
3541	491863.09	3849877.25	2.25E-08	2.22E-08	2.16E-08	7.79E-12	2.35E-11	1.36E-11	1.34E-11	1.22E-11	5.56E-12	5.40E-12	2.60E-13	6.29E-12	1.39E-12	1.83E-12	2.90E-12	5.10E-13	2.83E-12	1.60E-11
3542	492363.09	3849877.25	2.07E-08	2.04E-08	1.98E-08	7.16E-12	2.16E-11	1.25E-11	1.24E-11	1.12E-11	5.11E-12	4.96E-12	2.39E-13	5.78E-12	1.27E-12	1.68E-12	2.66E-12	4.69E-13	2.60E-12	1.47E-11
3543	492863.09	3849877.25	1.86E-08	1.84E-08	1.78E-08	6.44E-12	1.95E-11	1.13E-11	1.11E-11	1.01E-11	4.60E-12	4.46E-12	2.15E-13	5.20E-12	1.15E-12	1.51E-12	2.39E-12	4.22E-13	2.34E-12	1.32E-11
3544	493363.09	3849877.25	1.65E-08	1.63E-08	1.58E-08	5.72E-12	1.73E-11	1.00E-11	9.87E-12	8.95E-12	4.08E-12	3.96E-12	1.91E-13	4.61E-12	1.02E-12	1.34E-12	2.13E-12	3.75E-13	2.08E-12	1.17E-11

3545	493863.09	3849877.25	1.64E-08	1.62E-08	1.57E-08	5.68E-12	1.71E-11	9.92E-12	9.79E-12	8.88E-12	4.05E-12	3.93E-12	1.90E-13	4.58E-12	1.01E-12	1.33E-12	2.11E-12	3.72E-13	2.06E-12	1.17E-11
3546	494363.09	3849877.25	1.85E-08	1.82E-08	1.77E-08	6.40E-12	1.93E-11	1.12E-11	1.10E-11	1.00E-11	4.56E-12	4.43E-12	2.14E-13	5.16E-12	1.14E-12	1.50E-12	2.38E-12	4.19E-13	2.33E-12	1.31E-11
3547	494863.09	3849877.25	1.98E-08	1.95E-08	1.90E-08	6.85E-12	2.07E-11	1.20E-11	1.18E-11	1.07E-11	4.89E-12	4.74E-12	2.29E-13	5.52E-12	1.22E-12	1.60E-12	2.54E-12	4.48E-13	2.49E-12	1.41E-11
3548	495363.09	3849877.25	1.85E-08	1.82E-08	1.77E-08	6.40E-12	1.93E-11	1.12E-11	1.10E-11	1.00E-11	4.56E-12	4.43E-12	2.14E-13	5.16E-12	1.14E-12	1.50E-12	2.38E-12	4.19E-13	2.33E-12	1.31E-11
3549	495863.09	3849877.25	2.12E-08	2.09E-08	2.03E-08	7.34E-12	2.22E-11	1.28E-11	1.27E-11	1.15E-11	5.24E-12	5.09E-12	2.45E-13	5.92E-12	1.31E-12	1.72E-12	2.73E-12	4.81E-13	2.67E-12	1.51E-11
3550	496363.09	3849877.25	2.34E-08	2.31E-08	2.24E-08	8.11E-12	2.45E-11	1.42E-11	1.40E-11	1.27E-11	5.79E-12	5.62E-12	2.71E-13	6.54E-12	1.44E-12	1.90E-12	3.01E-12	5.31E-13	2.95E-12	1.66E-11
3551	496863.09	3849877.25	2.52E-08	2.49E-08	2.42E-08	8.74E-12	2.64E-11	1.53E-11	1.51E-11	1.37E-11	6.24E-12	6.06E-12	2.92E-13	7.05E-12	1.56E-12	2.05E-12	3.25E-12	5.72E-13	3.18E-12	1.79E-11
3552	497363.09	3849877.25	3.16E-08	3.12E-08	3.03E-08	1.09E-11	3.31E-11	1.91E-11	1.89E-11	1.71E-11	7.81E-12	7.59E-12	3.66E-13	8.83E-12	1.95E-12	2.56E-12	4.07E-12	7.17E-13	3.98E-12	2.25E-11
3553	497863.09	3849877.25	3.57E-08	3.52E-08	3.42E-08	1.23E-11	3.73E-11	2.16E-11	2.13E-11	1.93E-11	8.81E-12	8.55E-12	4.12E-13	9.96E-12	2.20E-12	2.89E-12	4.59E-12	8.08E-13	4.49E-12	2.53E-11
3554	498363.09	3849877.25	3.44E-08	3.39E-08	3.29E-08	1.19E-11	3.59E-11	2.08E-11	2.05E-11	1.86E-11	8.49E-12	8.24E-12	3.97E-13	9.59E-12	2.12E-12	2.79E-12	4.42E-12	7.79E-13	4.32E-12	2.44E-11
3555	471363.09	3850377.25	4.36E-08	4.30E-08	4.18E-08	1.51E-11	4.56E-11	2.64E-11	2.60E-11	2.36E-11	1.08E-11	1.05E-11	5.04E-13	1.22E-11	2.69E-12	3.53E-12	5.61E-12	9.88E-13	5.49E-12	3.10E-11
3556	471863.09	3850377.25	5.31E-08	5.24E-08	5.09E-08	1.84E-11	5.55E-11	3.21E-11	3.17E-11	2.87E-11	1.31E-11	1.27E-11	6.14E-13	1.48E-11	3.27E-12	4.30E-12	6.83E-12	1.20E-12	6.68E-12	3.77E-11
3557	472363.09	3850377.25	5.76E-08	5.69E-08	5.53E-08	2.00E-11	6.03E-11	3.49E-11	3.44E-11	3.12E-11	1.42E-11	1.38E-11	6.66E-13	1.61E-11	3.55E-12	4.67E-12	7.41E-12	1.31E-12	7.26E-12	4.10E-11
3558	472863.09	3850377.25	6.57E-08	6.49E-08	6.30E-08	2.27E-11	6.87E-11	3.98E-11	3.92E-11	3.56E-11	1.62E-11	1.58E-11	7.60E-13	1.83E-11	4.05E-12	5.33E-12	8.45E-12	1.49E-12	8.27E-12	4.67E-11
3559	473363.09	3850377.25	7.01E-08	6.92E-08	6.72E-08	2.43E-11	7.33E-11	4.24E-11	4.19E-11	3.80E-11	1.73E-11	1.68E-11	8.11E-13	1.96E-11	4.32E-12	5.69E-12	9.02E-12	1.59E-12	8.83E-12	4.98E-11
3560	473863.09	3850377.25	7.50E-08	7.40E-08	7.18E-08	2.59E-11	7.83E-11	4.54E-11	4.48E-11	4.06E-11	1.85E-11	1.80E-11	8.66E-13	2.09E-11	4.62E-12	6.08E-12	9.64E-12	1.70E-12	9.44E-12	5.33E-11
3561	474363.09	3850377.25	7.78E-08	7.68E-08	7.46E-08	2.69E-11	8.13E-11	4.71E-11	4.65E-11	4.21E-11	1.92E-11	1.87E-11	9.00E-13	2.17E-11	4.79E-12	6.31E-12	1.00E-11	1.76E-12	9.80E-12	5.53E-11
3562	474863.09	3850377.25	7.99E-08	7.89E-08	7.66E-08	2.77E-11	8.35E-11	4.83E-11	4.77E-11	4.33E-11	1.97E-11	1.92E-11	9.24E-13	2.23E-11	4.92E-12	6.48E-12	1.03E-11	1.81E-12	1.01E-11	5.68E-11
3563	475363.09	3850377.25	8.30E-08	8.19E-08	7.96E-08	2.87E-11	8.68E-11	5.02E-11	4.96E-11	4.49E-11	2.05E-11	1.99E-11	9.60E-13	2.32E-11	5.12E-12	6.73E-12	1.07E-11	1.88E-12	1.05E-11	5.90E-11
3564	475863.09	3850377.25	8.59E-08	8.48E-08	8.23E-08	2.97E-11	8.98E-11	5.20E-11	5.13E-11	4.65E-11	2.12E-11	2.06E-11	9.93E-13	2.40E-11	5.29E-12	6.96E-12	1.10E-11	1.95E-12	1.08E-11	6.10E-11
3565	476363.09	3850377.25	8.76E-08	8.64E-08	8.39E-08	3.03E-11	9.15E-11	5.30E-11	5.23E-11	4.74E-11	2.16E-11	2.10E-11	1.01E-12	2.45E-11	5.40E-12	7.10E-12	1.13E-11	1.99E-12	1.10E-11	6.22E-11
3566	476863.09	3850377.25	8.98E-08	8.86E-08	8.61E-08	3.11E-11	9.39E-11	5.43E-11	5.36E-11	4.86E-11	2.22E-11	2.15E-11	1.04E-12	2.51E-11	5.53E-12	7.28E-12	1.15E-11	2.04E-12	1.13E-11	6.38E-11
3567	477363.09	3850377.25	9.28E-08	9.16E-08	8.89E-08	3.21E-11	9.70E-11	5.61E-11	5.54E-11	5.02E-11	2.29E-11	2.23E-11	1.07E-12	2.59E-11	5.72E-12	7.52E-12	1.19E-11	2.10E-12	1.17E-11	6.59E-11
3568	477863.09	3850377.25	9.43E-08	9.31E-08	9.04E-08	3.27E-11	9.86E-11	5.71E-11	5.63E-11	5.11E-11	2.33E-11	2.26E-11	1.09E-12	2.63E-11	5.81E-12	7.65E-12	1.21E-11	2.14E-12	1.19E-11	6.70E-11
3569	478363.09	3850377.25	9.34E-08	9.22E-08	8.95E-08	3.23E-11	9.77E-11	5.65E-11	5.58E-11	5.06E-11	2.31E-11	2.24E-11	1.08E-12	2.61E-11	5.76E-12	7.58E-12	1.20E-11	2.12E-12	1.18E-11	6.64E-11
3570	478863.09	3850377.25	9.46E-08	9.34E-08	9.07E-08	3.27E-11	9.89E-11	5.72E-11	5.65E-11	5.12E-11	2.34E-11	2.27E-11	1.09E-12	2.64E-11	5.83E-12	7.67E-12	1.22E-11	2.14E-12	1.19E-11	6.72E-11
3571	479363.09	3850377.25	9.75E-08	9.62E-08	9.34E-08	3.37E-11	1.02E-10	5.90E-11	5.82E-11	5.28E-11	2.41E-11	2.34E-11	1.13E-12	2.72E-11	6.01E-12	7.90E-12	1.25E-11	2.21E-12	1.23E-11	6.93E-11
3572	479863.09	3850377.25	9.92E-08	9.79E-08	9.50E-08	3.43E-11	1.04E-10	6.00E-11	5.92E-11	5.37E-11	2.45E-11	2.38E-11	1.15E-12	2.77E-11	6.11E-12	8.04E-12	1.28E-11	2.25E-12	1.25E-11	7.05E-11
3573	480363.09	3850377.25	1.05E-07	1.04E-07	1.01E-07	3.64E-11	1.10E-10	6.35E-11	6.27E-11	5.69E-11	2.59E-11	2.52E-11	1.21E-12	2.93E-11	6.47E-12	8.51E-12	1.35E-11	2.38E-12	1.32E-11	7.46E-11
3574	480863.09	3850377.25	1.09E-07	1.08E-07	1.04E-07	3.77E-11	1.14E-10	6.59E-11	6.50E-11	5.90E-11	2.69E-11	2.61E-11	1.26E-12	3.04E-11	6.71E-12	8.83E-12	1.40E-11	2.47E-12	1.37E-11	7.74E-11
3575	481363.09	3850377.25	8.68E-08	8.57E-08	8.32E-08	3.00E-11	9.07E-11	5.25E-11	5.18E-11	4.70E-11	2.14E-11	2.08E-11	1.00E-12	2.42E-11	5.35E-12	7.04E-12	1.12E-11	1.97E-12	1.09E-11	6.17E-11
3576	481863.09	3850377.25	8.11E-08	8.00E-08	7.77E-08	2.81E-11	8.47E-11	4.91E-11	4.84E-11	4.39E-11	2.00E-11	1.94E-11	9.37E-13	2.26E-11	5.00E-12	6.57E-12	1.04E-11	1.84E-12	1.02E-11	5.76E-11
3577	482363.09	3850377.25	7.30E-08	7.21E-08	7.00E-08	2.53E-11	7.63E-11	4.42E-11	4.36E-11	3.95E-11	1.80E-11	1.75E-11	8.44E-13	2.04E-11	4.50E-12	5.92E-12	9.39E-12	1.65E-12	9.19E-12	5.19E-11
3578	482863.09	3850377.25	5.50E-08	5.43E-08	5.28E-08	1.91E-11	5.75E-11	3.33E-11	3.29E-11	2.98E-11	1.36E-11	1.32E-11	6.36E-13	1.54E-11	3.39E-12	4.46E-12	7.08E-12	1.25E-12	6.93E-12	3.91E-11
3579	483363.09	3850377.25	4.27E-08	4.21E-08	4.09E-08	1.48E-11	4.46E-11	2.58E-11	2.55E-11	2.31E-11	1.05E-11	1.02E-11	4.93E-13	1.19E-11	2.63E-12	3.46E-12	5.49E-12	9.68E-13	5.37E-12	3.03E-11
3580	483863.09	3850377.25	4.71E-08	4.65E-08	4.51E-08	1.63E-11	4.92E-11	2.85E-11	2.81E-11	2.55E-11	1.16E-11	1.13E-11	5.45E-13	1.32E-11	2.90E-12	3.82E-12	6.06E-12	1.07E-12	5.93E-12	3.35E-11
3581	484363.09	3850377.25	5.83E-08	5.75E-08	5.59E-08	2.02E-11	6.09E-11	3.53E-11	3.48E-11	3.16E-11	1.44E-11	1.40E-11	6.74E-13	1.63E-11	3.59E-12	4.73E-12	7.50E-12	1.32E-12	7.34E-12	4.14E-11
3582	484863.09	3850377.25	7.03E-08	6.94E-08	6.73E-08	2.43E-11	7.34E-11	4.25E-11	4.20E-11	3.80E-11	1.74E-11	1.69E-11	8.12E-13	1.96E-11	4.33E-12	5.70E-12	9.04E-12	1.59E-12	8.85E-12	4.99E-11
3583	485363.09	3850377.25	6.75E-08	6.67E-08	6.47E-08	2.34E-11	7.06E-11	4.09E-11	4.03E-11	3.66E-11	1.67E-11	1.62E-11	7.81E-13	1.89E-11	4.16E-12	5.48E-12	8.69E-12	1.53E-12	8.50E-12	4.80E-11
3584	485863.09	3850377.25	6.01E-08	5.93E-08	5.76E-08	2.08E-11	6.28E-11	3.64E-11	3.59E-11	3.25E-11	1.49E-11	1.44E-11	6.95E-13	1.68E-11	3.70E-12	4.87E-12	7.73E-12	1.36E-12	7.57E-12	4.27E-11
3585	486363.09	3850377.25	5.73E-08	5.65E-08	5.49E-08	1.98E-11	5.98E-11	3.46E-11	3.42E-11	3.10E-11	1.41E-11	1.37E-11	6.62E-13	1.60E-11	3.53E-12	4.64E-12	7.36E-12	1.30E-12	7.21E-12	4.07E-11
3586	486863.09	3850377.25	5.32E-08	5.25E-08	5.10E-08	1.84E-11	5.56E-11	3.22E-11	3.18E-11	2.88E-11	1.31E-11	1.28E-11	6.15E-13	1.49E-11	3.28E-12	4.32E-12	6.85E-12	1.21E-12	6.70E-12	3.78E-11
3587	487363.09	3850377.25	4.95E-08	4.88E-08	4.74E-08	1.71E-11	5.17E-11	2.99E-11	2.95E-11	2.68E-11	1.22E-11	1.19E-11	5.72E-13	1.38E-11	3.05E-12	4.01E-12	6.36E-12	1.12E-12	6.23E-12	3.51E-11
3588	487863.09	3850377.25	4.76E-08	4.70E-08	4.56E-08	1.65E-11	4.98E-11	2.88E-11	2.84E-11	2.58E-11	1.18E-11	1.14E-11	5.51E-13	1.33E-11	2.93E-12	3.86E-12	6.13E-12	1.08E-12	6.00E-12	3.38E-11
3589	488363.09	3850377.25	4.42E-08	4.37E-08	4.24E-08	1.53E-11	4.62E-11	2.68E-11	2.64E-11	2.40E-11	1.09E-11	1.06E-11	5.11E-13	1.24E-11	2.73E-12	3.59E-12	5.69E-12	1.00E-12	5.57E-12	3.14E-11
3590	488863.09	3850377.25	4.13E-08	4.07E-08	3.95E-08	1.43E-11	4.31E-11	2.50E-11	2.46E-11	2.23E-11	1.02E-11	9.89E-12	4.77E-13	1.15E-11	2.54E-12	3.34E-12	5.31E-12	9.35E-13	5.19E-12	2.93E-11
3591	489363.09	3850377.25	3.92E-08	3.87E-08	3.75E-08	1.36E-11	4.09E-11	2.37E-11	2.34E-11	2.12E-11	9.68E-12	9.40E-12	4.53E-13	1.09E-11	2.41E-12	3.18E-12	5.04E-12	8.88E-13	4.93E-12	2.78E-11
3592	489863.09	3850377.25	3.53E-08	3.48E-08	3.38E-08	1.22E-11	3.69E-11	2.13E-11	2.11E-11	1.91E-11	8.71E-12	8.46E-12	4.08E-13	9.85E-12	2.17E-12	2.86E-12	4.54E-12	7.99E-13	4.44E-12	2.51E-11
3593	490363.09	3850377.25	3.27E-08	3.22E-08	3.13E-08	1.13E-11	3.41E-11	1.98E-11	1.95E-11	1.77E-11	8.07E-12	7.83E-12	3.78E-13	9.12E-12	2.01E-12	2.65E-12	4.20E-12	7.40E-13	4.11E-12	2.32E-11
3594	490863.09	3850377.25	2.99E-08	2.95E-08	2.87E-08	1.04E-11	3.13E-11	1.81E-11	1.79E-11	1.62E-11	7.39E-12	7.18E-12	3.46E-13	8.36E-12	1.84E-12	2.43E-12	3.85E-12	6.78E-13	3.77E-12	2.13E-11
3595	491363.09	3850377.25	2.76E-08	2.72E-08	2.64E-08	9.55E-12	2.88E-11	1.67E-11	1.65E-11	1.49E-11	6.81E-12	6.62E-12	3.19E-13	7.70E-12	1.70E-12	2.24E-12	3.55E-12	6.25E-13	3.47E-12	1.96E-11
3596	491863.09	3850377.25	2.51E-08	2.48E-08	2.41E-08	8.69E-12	2.63E-11	1.52E-11	1.50E-11	1.36E-11	6.20E-12	6.02E-12	2.90E-13	7.01E-12	1.55E-12	2.04E-12	3.23E-12	5.69E-13	3.16E-12	1.78E-11
3597	492363.09	3850377.25	2.25E-08	2.22E-08	2.16E-08	7.79E-12	2.35E-11	1.36E-11	1.34E-11	1.22E-11	5.56E-12	5.40E-12	2.60E-13	6.29E-12	1.39E-12	1.83E-12	2.90E-12	5.10E-13	2.83E-12	1.60E-11

3598	492863.09	3850377.25	2.04E-08	2.02E-08	1.96E-08	7.07E-12	2.14E-11	1.24E-11	1.22E-11	1.11E-11	5.05E-12	4.90E-12	2.36E-13	5.70E-12	1.26E-12	1.66E-12	2.63E-12	4.63E-13	2.57E-12	1.45E-11
3599	493363.09	3850377.25	1.89E-08	1.86E-08	1.81E-08	6.53E-12	1.97E-11	1.14E-11	1.13E-11	1.02E-11	4.66E-12	4.53E-12	2.18E-13	5.27E-12	1.16E-12	1.53E-12	2.43E-12	4.28E-13	2.38E-12	1.34E-11
3600	493863.09	3850377.25	2.04E-08	2.02E-08	1.96E-08	7.07E-12	2.14E-11	1.24E-11	1.22E-11	1.11E-11	5.05E-12	4.90E-12	2.36E-13	5.70E-12	1.26E-12	1.66E-12	2.63E-12	4.63E-13	2.57E-12	1.45E-11
3601	494363.09	3850377.25	2.10E-08	2.07E-08	2.01E-08	7.25E-12	2.19E-11	1.27E-11	1.25E-11	1.13E-11	5.18E-12	5.03E-12	2.42E-13	5.85E-12	1.29E-12	1.70E-12	2.69E-12	4.75E-13	2.64E-12	1.49E-11
3602	494863.09	3850377.25	2.25E-08	2.22E-08	2.16E-08	7.79E-12	2.35E-11	1.36E-11	1.34E-11	1.22E-11	5.56E-12	5.40E-12	2.60E-13	6.29E-12	1.39E-12	1.83E-12	2.90E-12	5.10E-13	2.83E-12	1.60E-11
3603	495363.09	3850377.25	2.63E-08	2.59E-08	2.52E-08	9.10E-12	2.75E-11	1.59E-11	1.57E-11	1.42E-11	6.49E-12	6.31E-12	3.04E-13	7.34E-12	1.62E-12	2.13E-12	3.38E-12	5.96E-13	3.31E-12	1.87E-11
3604	495863.09	3850377.25	2.58E-08	2.54E-08	2.47E-08	8.92E-12	2.69E-11	1.56E-11	1.54E-11	1.39E-11	6.36E-12	6.18E-12	2.98E-13	7.19E-12	1.59E-12	2.09E-12	3.31E-12	5.84E-13	3.24E-12	1.83E-11
3605	496363.09	3850377.25	3.05E-08	3.01E-08	2.92E-08	1.05E-11	3.18E-11	1.84E-11	1.82E-11	1.65E-11	7.52E-12	7.30E-12	3.52E-13	8.50E-12	1.88E-12	2.47E-12	3.92E-12	6.90E-13	3.83E-12	2.16E-11
3606	496863.09	3850377.25	3.53E-08	3.48E-08	3.38E-08	1.22E-11	3.69E-11	2.13E-11	2.11E-11	1.91E-11	8.71E-12	8.46E-12	4.08E-13	9.85E-12	2.17E-12	2.86E-12	4.54E-12	7.99E-13	4.44E-12	2.51E-11
3607	497363.09	3850377.25	3.98E-08	3.93E-08	3.82E-08	1.38E-11	4.16E-11	2.41E-11	2.38E-11	2.16E-11	9.84E-12	9.55E-12	4.60E-13	1.11E-11	2.45E-12	3.23E-12	5.12E-12	9.03E-13	5.01E-12	2.83E-11
3608	497863.09	3850377.25	3.96E-08	3.90E-08	3.79E-08	1.37E-11	4.13E-11	2.39E-11	2.36E-11	2.14E-11	9.77E-12	9.49E-12	4.57E-13	1.10E-11	2.44E-12	3.21E-12	5.09E-12	8.97E-13	4.98E-12	2.81E-11
3609	498363.09	3850377.25	3.97E-08	3.92E-08	3.80E-08	1.37E-11	4.15E-11	2.40E-11	2.37E-11	2.15E-11	9.80E-12	9.52E-12	4.59E-13	1.11E-11	2.45E-12	3.22E-12	5.11E-12	9.00E-13	5.00E-12	2.82E-11
3610	471363.09	3850877.25	4.87E-08	4.80E-08	4.66E-08	1.68E-11	5.09E-11	2.94E-11	2.91E-11	2.63E-11	1.20E-11	1.17E-11	5.63E-13	1.36E-11	3.00E-12	3.95E-12	6.26E-12	1.10E-12	6.13E-12	3.46E-11
3611	471863.09	3850877.25	5.32E-08	5.25E-08	5.10E-08	1.84E-11	5.56E-11	3.22E-11	3.18E-11	2.88E-11	1.31E-11	1.28E-11	6.15E-13	1.49E-11	3.28E-12	4.32E-12	6.85E-12	1.21E-12	6.70E-12	3.78E-11
3612	472363.09	3850877.25	5.96E-08	5.88E-08	5.71E-08	2.06E-11	6.23E-11	3.61E-11	3.56E-11	3.23E-11	1.47E-11	1.43E-11	6.89E-13	1.66E-11	3.67E-12	4.83E-12	7.67E-12	1.35E-12	7.50E-12	4.24E-11
3613	472863.09	3850877.25	6.49E-08	6.41E-08	6.22E-08	2.25E-11	6.79E-11	3.93E-11	3.88E-11	3.52E-11	1.60E-11	1.56E-11	7.51E-13	1.81E-11	4.00E-12	5.27E-12	8.35E-12	1.47E-12	8.17E-12	4.61E-11
3614	473363.09	3850877.25	6.47E-08	6.38E-08	6.20E-08	2.24E-11	6.76E-11	3.91E-11	3.86E-11	3.50E-11	1.60E-11	1.55E-11	7.48E-13	1.81E-11	3.98E-12	5.24E-12	8.32E-12	1.47E-12	8.14E-12	4.60E-11
3615	473863.09	3850877.25	7.16E-08	7.06E-08	6.86E-08	2.48E-11	7.48E-11	4.33E-11	4.27E-11	3.87E-11	1.77E-11	1.72E-11	8.27E-13	2.00E-11	4.41E-12	5.80E-12	9.21E-12	1.62E-12	9.01E-12	5.09E-11
3616	474363.09	3850877.25	7.99E-08	7.89E-08	7.66E-08	2.77E-11	8.35E-11	4.83E-11	4.77E-11	4.33E-11	1.97E-11	1.92E-11	9.24E-13	2.23E-11	4.92E-12	6.48E-12	1.03E-11	1.81E-12	1.01E-11	5.68E-11
3617	474863.09	3850877.25	8.43E-08	8.32E-08	8.08E-08	2.92E-11	8.81E-11	5.10E-11	5.04E-11	4.56E-11	2.08E-11	2.02E-11	9.75E-13	2.35E-11	5.20E-12	6.84E-12	1.08E-11	1.91E-12	1.06E-11	5.99E-11
3618	475363.09	3850877.25	8.68E-08	8.57E-08	8.32E-08	3.00E-11	9.07E-11	5.25E-11	5.18E-11	4.70E-11	2.14E-11	2.08E-11	1.00E-12	2.42E-11	5.35E-12	7.04E-12	1.12E-11	1.97E-12	1.09E-11	6.17E-11
3619	475863.09	3850877.25	8.97E-08	8.85E-08	8.59E-08	3.10E-11	9.37E-11	5.43E-11	5.35E-11	4.85E-11	2.21E-11	2.15E-11	1.04E-12	2.50E-11	5.52E-12	7.27E-12	1.15E-11	2.03E-12	1.13E-11	6.37E-11
3620	476363.09	3850877.25	9.29E-08	9.17E-08	8.91E-08	3.22E-11	9.71E-11	5.62E-11	5.55E-11	5.03E-11	2.30E-11	2.23E-11	1.07E-12	2.59E-11	5.72E-12	7.53E-12	1.20E-11	2.11E-12	1.17E-11	6.60E-11
3621	476863.09	3850877.25	9.58E-08	9.45E-08	9.18E-08	3.32E-11	1.00E-10	5.80E-11	5.72E-11	5.18E-11	2.37E-11	2.30E-11	1.11E-12	2.67E-11	5.90E-12	7.77E-12	1.23E-11	2.17E-12	1.21E-11	6.81E-11
3622	477363.09	3850877.25	9.81E-08	9.68E-08	9.40E-08	3.40E-11	1.03E-10	5.94E-11	5.86E-11	5.31E-11	2.42E-11	2.35E-11	1.13E-12	2.74E-11	6.05E-12	7.96E-12	1.26E-11	2.22E-12	1.24E-11	6.97E-11
3623	477863.09	3850877.25	1.01E-07	9.99E-08	9.70E-08	3.50E-11	1.06E-10	6.13E-11	6.05E-11	5.48E-11	2.50E-11	2.43E-11	1.17E-12	2.83E-11	6.24E-12	8.21E-12	1.30E-11	2.30E-12	1.27E-11	7.19E-11
3624	478363.09	3850877.25	1.04E-07	1.02E-07	9.95E-08	3.59E-11	1.09E-10	6.28E-11	6.20E-11	5.62E-11	2.57E-11	2.49E-11	1.20E-12	2.90E-11	6.40E-12	8.42E-12	1.34E-11	2.35E-12	1.31E-11	7.38E-11
3625	478863.09	3850877.25	1.06E-07	1.05E-07	1.02E-07	3.67E-11	1.11E-10	6.41E-11	6.33E-11	5.73E-11	2.62E-11	2.54E-11	1.22E-12	2.96E-11	6.53E-12	8.59E-12	1.36E-11	2.40E-12	1.33E-11	7.53E-11
3626	479363.09	3850877.25	1.06E-07	1.04E-07	1.01E-07	3.66E-11	1.11E-10	6.40E-11	6.32E-11	5.73E-11	2.61E-11	2.54E-11	1.22E-12	2.95E-11	6.52E-12	8.58E-12	1.36E-11	2.40E-12	1.33E-11	7.52E-11
3627	479863.09	3850877.25	1.06E-07	1.05E-07	1.02E-07	3.68E-11	1.11E-10	6.43E-11	6.35E-11	5.76E-11	2.63E-11	2.55E-11	1.23E-12	2.97E-11	6.55E-12	8.62E-12	1.37E-11	2.41E-12	1.34E-11	7.56E-11
3628	480363.09	3850877.25	1.15E-07	1.14E-07	1.10E-07	3.98E-11	1.20E-10	6.96E-11	6.87E-11	6.23E-11	2.84E-11	2.76E-11	1.33E-12	3.21E-11	7.09E-12	9.33E-12	1.48E-11	2.61E-12	1.45E-11	8.18E-11
3629	480863.09	3850877.25	1.25E-07	1.23E-07	1.19E-07	4.32E-11	1.30E-10	7.54E-11	7.44E-11	6.75E-11	3.08E-11	2.99E-11	1.44E-12	3.48E-11	7.68E-12	1.01E-11	1.60E-11	2.83E-12	1.57E-11	8.86E-11
3630	481363.09	3850877.25	1.26E-07	1.24E-07	1.21E-07	4.37E-11	1.32E-10	7.63E-11	7.53E-11	6.83E-11	3.11E-11	3.02E-11	1.46E-12	3.52E-11	7.77E-12	1.02E-11	1.62E-11	2.86E-12	1.59E-11	8.96E-11
3631	481863.09	3850877.25	1.18E-07	1.16E-07	1.13E-07	4.07E-11	1.23E-10	7.11E-11	7.02E-11	6.36E-11	2.90E-11	2.82E-11	1.36E-12	3.28E-11	7.24E-12	9.53E-12	1.51E-11	2.66E-12	1.48E-11	8.35E-11
3632	482363.09	3850877.25	9.51E-08	9.39E-08	9.12E-08	3.29E-11	9.94E-11	5.76E-11	5.68E-11	5.15E-11	2.35E-11	2.28E-11	1.10E-12	2.66E-11	5.86E-12	7.71E-12	1.22E-11	2.16E-12	1.20E-11	6.76E-11
3633	482863.09	3850877.25	8.20E-08	8.09E-08	7.86E-08	2.84E-11	8.57E-11	4.96E-11	4.90E-11	4.44E-11	2.03E-11	1.97E-11	9.48E-13	2.29E-11	5.05E-12	6.65E-12	1.05E-11	1.86E-12	1.03E-11	5.83E-11
3634	483363.09	3850877.25	6.78E-08	6.69E-08	6.50E-08	2.35E-11	7.09E-11	4.10E-11	4.05E-11	3.67E-11	1.67E-11	1.63E-11	7.84E-13	1.89E-11	4.18E-12	5.50E-12	8.72E-12	1.54E-12	8.53E-12	4.82E-11
3635	483863.09	3850877.25	6.42E-08	6.33E-08	6.15E-08	2.22E-11	6.71E-11	3.88E-11	3.83E-11	3.47E-11	1.58E-11	1.54E-11	7.42E-13	1.79E-11	3.95E-12	5.20E-12	8.25E-12	1.45E-12	8.08E-12	4.56E-11
3636	484363.09	3850877.25	7.63E-08	7.53E-08	7.31E-08	2.64E-11	7.97E-11	4.61E-11	4.55E-11	4.13E-11	1.88E-11	1.83E-11	8.82E-13	2.13E-11	4.70E-12	6.18E-12	9.81E-12	1.73E-12	9.60E-12	5.42E-11
3637	484863.09	3850877.25	7.83E-08	7.73E-08	7.51E-08	2.71E-11	8.19E-11	4.74E-11	4.68E-11	4.24E-11	1.94E-11	1.88E-11	9.06E-13	2.19E-11	4.83E-12	6.35E-12	1.01E-11	1.78E-12	9.86E-12	5.57E-11
3638	485363.09	3850877.25	7.94E-08	7.83E-08	7.61E-08	2.75E-11	8.30E-11	4.80E-11	4.74E-11	4.30E-11	1.96E-11	1.90E-11	9.18E-13	2.22E-11	4.89E-12	6.44E-12	1.02E-11	1.80E-12	9.99E-12	5.64E-11
3639	485863.09	3850877.25	7.00E-08	6.91E-08	6.71E-08	2.42E-11	7.32E-11	4.24E-11	4.18E-11	3.79E-11	1.73E-11	1.68E-11	8.09E-13	1.95E-11	4.31E-12	5.68E-12	9.01E-12	1.59E-12	8.81E-12	4.98E-11
3640	486363.09	3850877.25	7.18E-08	7.09E-08	6.88E-08	2.49E-11	7.51E-11	4.35E-11	4.29E-11	3.89E-11	1.77E-11	1.72E-11	8.30E-13	2.01E-11	4.43E-12	5.82E-12	9.24E-12	1.63E-12	9.04E-12	5.10E-11
3641	486863.09	3850877.25	6.64E-08	6.55E-08	6.36E-08	2.30E-11	6.94E-11	4.02E-11	3.96E-11	3.59E-11	1.64E-11	1.59E-11	7.67E-13	1.85E-11	4.09E-12	5.38E-12	8.54E-12	1.50E-12	8.35E-12	4.72E-11
3642	487363.09	3850877.25	5.87E-08	5.79E-08	5.62E-08	2.03E-11	6.13E-11	3.55E-11	3.50E-11	3.18E-11	1.45E-11	1.41E-11	6.78E-13	1.64E-11	3.62E-12	4.76E-12	7.55E-12	1.33E-12	7.39E-12	4.17E-11
3643	487863.09	3850877.25	5.66E-08	5.59E-08	5.43E-08	1.96E-11	5.92E-11	3.43E-11	3.38E-11	3.06E-11	1.40E-11	1.36E-11	6.54E-13	1.58E-11	3.49E-12	4.59E-12	7.28E-12	1.28E-12	7.13E-12	4.02E-11
3644	488363.09	3850877.25	5.26E-08	5.19E-08	5.04E-08	1.82E-11	5.50E-11	3.18E-11	3.14E-11	2.85E-11	1.30E-11	1.26E-11	6.08E-13	1.47E-11	3.24E-12	4.26E-12	6.76E-12	1.19E-12	6.62E-12	3.74E-11
3645	488863.09	3850877.25	4.81E-08	4.75E-08	4.61E-08	1.67E-11	5.03E-11	2.91E-11	2.88E-11	2.61E-11	1.19E-11	1.15E-11	5.57E-13	1.34E-11	2.97E-12	3.90E-12	6.19E-12	1.09E-12	6.06E-12	3.42E-11
3646	489363.09	3850877.25	4.55E-08	4.50E-08	4.37E-08	1.58E-11	4.76E-11	2.76E-11	2.72E-11	2.47E-11	1.13E-11	1.09E-11	5.26E-13	1.27E-11	2.81E-12	3.69E-12	5.86E-12	1.03E-12	5.73E-12	3.24E-11
3647	489863.09	3850877.25	4.09E-08	4.03E-08	3.92E-08	1.41E-11	4.27E-11	2.47E-11	2.44E-11	2.21E-11	1.01E-11	9.80E-12	4.72E-13	1.14E-11	2.52E-12	3.31E-12	5.26E-12	9.26E-13	5.14E-12	2.90E-11
3648	490363.09	3850877.25	3.90E-08	3.85E-08	3.74E-08	1.35E-11	4.08E-11	2.36E-11	2.33E-11	2.11E-11	9.64E-12	9.36E-12	4.51E-13	1.09E-11	2.41E-12	3.17E-12	5.02E-12	8.85E-13	4.91E-12	2.77E-11
3649	490863.09	3850877.25	3.50E-08	3.45E-08	3.35E-08	1.21E-11	3.66E-11	2.12E-11	2.09E-11	1.90E-11	8.65E-12	8.40E-12	4.05E-13	9.77E-12	2.16E-12	2.84E-12	4.50E-12	7.94E-13	4.41E-12	2.49E-11
3650	491363.09	3850877.25	3.19E-08	3.15E-08	3.06E-08	1.10E-11	3.33E-11	1.93E-11	1.90E-11	1.73E-11	7.88E-12	7.65E-12	3.69E-13	8.90E-12	1.96E-12	2.59E-12	4.10E-12	7.23E-13	4.01E-12	2.27E-11

3651	491863.09	3850877.25	2.92E-08	2.88E-08	2.79E-08	1.01E-11	3.05E-11	1.76E-11	1.74E-11	1.58E-11	7.20E-12	6.99E-12	3.37E-13	8.14E-12	1.80E-12	2.36E-12	3.75E-12	6.61E-13	3.67E-12	2.07E-11
3652	492363.09	3850877.25	2.63E-08	2.59E-08	2.52E-08	9.10E-12	2.75E-11	1.59E-11	1.57E-11	1.42E-11	6.49E-12	6.31E-12	3.04E-13	7.34E-12	1.62E-12	2.13E-12	3.38E-12	5.96E-13	3.31E-12	1.87E-11
3653	492863.09	3850877.25	2.37E-08	2.34E-08	2.27E-08	8.20E-12	2.48E-11	1.43E-11	1.41E-11	1.28E-11	5.85E-12	5.68E-12	2.74E-13	6.61E-12	1.46E-12	1.92E-12	3.05E-12	5.37E-13	2.98E-12	1.68E-11
3654	493363.09	3850877.25	2.39E-08	2.36E-08	2.29E-08	8.29E-12	2.50E-11	1.45E-11	1.43E-11	1.30E-11	5.91E-12	5.74E-12	2.77E-13	6.69E-12	1.48E-12	1.94E-12	3.08E-12	5.43E-13	3.01E-12	1.70E-11
3655	493863.09	3850877.25	2.58E-08	2.54E-08	2.47E-08	8.92E-12	2.69E-11	1.56E-11	1.54E-11	1.39E-11	6.36E-12	6.18E-12	2.98E-13	7.19E-12	1.59E-12	2.09E-12	3.31E-12	5.84E-13	3.24E-12	1.83E-11
3656	494363.09	3850877.25	2.56E-08	2.53E-08	2.46E-08	8.87E-12	2.68E-11	1.55E-11	1.53E-11	1.39E-11	6.33E-12	6.15E-12	2.96E-13	7.16E-12	1.58E-12	2.08E-12	3.30E-12	5.81E-13	3.23E-12	1.82E-11
3657	494863.09	3850877.25	2.84E-08	2.80E-08	2.72E-08	9.82E-12	2.97E-11	1.72E-11	1.69E-11	1.54E-11	7.01E-12	6.80E-12	3.28E-13	7.92E-12	1.75E-12	2.30E-12	3.65E-12	6.43E-13	3.57E-12	2.02E-11
3658	495363.09	3850877.25	3.21E-08	3.17E-08	3.08E-08	1.11E-11	3.36E-11	1.94E-11	1.92E-11	1.74E-11	7.94E-12	7.71E-12	3.72E-13	8.97E-12	1.98E-12	2.61E-12	4.13E-12	7.29E-13	4.05E-12	2.28E-11
3659	495863.09	3850877.25	3.49E-08	3.44E-08	3.34E-08	1.21E-11	3.65E-11	2.11E-11	2.08E-11	1.89E-11	8.61E-12	8.37E-12	4.03E-13	9.74E-12	2.15E-12	2.83E-12	4.49E-12	7.91E-13	4.39E-12	2.48E-11
3660	496363.09	3850877.25	3.81E-08	3.76E-08	3.65E-08	1.32E-11	3.99E-11	2.31E-11	2.28E-11	2.06E-11	9.42E-12	9.15E-12	4.41E-13	1.06E-11	2.35E-12	3.09E-12	4.90E-12	8.64E-13	4.80E-12	2.71E-11
3661	496863.09	3850877.25	4.58E-08	4.52E-08	4.39E-08	1.59E-11	4.79E-11	2.77E-11	2.74E-11	2.48E-11	1.13E-11	1.10E-11	5.30E-13	1.28E-11	2.82E-12	3.71E-12	5.89E-12	1.04E-12	5.77E-12	3.26E-11
3662	497363.09	3850877.25	4.62E-08	4.56E-08	4.43E-08	1.60E-11	4.83E-11	2.80E-11	2.76E-11	2.50E-11	1.14E-11	1.11E-11	5.34E-13	1.29E-11	2.85E-12	3.75E-12	5.94E-12	1.05E-12	5.82E-12	3.28E-11
3663	497863.09	3850877.25	4.55E-08	4.50E-08	4.37E-08	1.58E-11	4.76E-11	2.76E-11	2.72E-11	2.47E-11	1.13E-11	1.09E-11	5.26E-13	1.27E-11	2.81E-12	3.69E-12	5.86E-12	1.03E-12	5.73E-12	3.24E-11
3664	498363.09	3850877.25	4.66E-08	4.60E-08	4.47E-08	1.61E-11	4.87E-11	2.82E-11	2.78E-11	2.52E-11	1.15E-11	1.12E-11	5.39E-13	1.30E-11	2.87E-12	3.78E-12	5.99E-12	1.06E-12	5.86E-12	3.31E-11
3665	471363.09	3851377.25	5.21E-08	5.14E-08	4.99E-08	1.80E-11	5.44E-11	3.15E-11	3.11E-11	2.82E-11	1.29E-11	1.25E-11	6.02E-13	1.45E-11	3.21E-12	4.22E-12	6.70E-12	1.18E-12	6.55E-12	3.70E-11
3666	471863.09	3851377.25	5.91E-08	5.83E-08	5.66E-08	2.05E-11	6.18E-11	3.57E-11	3.53E-11	3.20E-11	1.46E-11	1.42E-11	6.83E-13	1.65E-11	3.64E-12	4.79E-12	7.60E-12	1.34E-12	7.44E-12	4.20E-11
3667	472363.09	3851377.25	6.03E-08	5.95E-08	5.77E-08	2.09E-11	6.30E-11	3.65E-11	3.60E-11	3.26E-11	1.49E-11	1.45E-11	6.96E-13	1.68E-11	3.71E-12	4.89E-12	7.75E-12	1.37E-12	7.58E-12	4.28E-11
3668	472863.09	3851377.25	6.21E-08	6.13E-08	5.95E-08	2.15E-11	6.49E-11	3.76E-11	3.71E-11	3.36E-11	1.53E-11	1.49E-11	7.18E-13	1.73E-11	3.82E-12	5.03E-12	7.98E-12	1.41E-12	7.81E-12	4.41E-11
3669	473363.09	3851377.25	6.01E-08	5.93E-08	5.76E-08	2.08E-11	6.28E-11	3.64E-11	3.59E-11	3.25E-11	1.49E-11	1.44E-11	6.95E-13	1.68E-11	3.70E-12	4.87E-12	7.73E-12	1.36E-12	7.57E-12	4.27E-11
3670	473863.09	3851377.25	6.38E-08	6.29E-08	6.11E-08	2.21E-11	6.66E-11	3.86E-11	3.81E-11	3.45E-11	1.58E-11	1.53E-11	7.37E-13	1.78E-11	3.93E-12	5.17E-12	8.20E-12	1.45E-12	8.03E-12	4.53E-11
3671	474363.09	3851377.25	7.25E-08	7.15E-08	6.95E-08	2.51E-11	7.58E-11	4.39E-11	4.33E-11	3.92E-11	1.79E-11	1.74E-11	8.38E-13	2.02E-11	4.47E-12	5.88E-12	9.32E-12	1.64E-12	9.12E-12	5.15E-11
3672	474863.09	3851377.25	8.08E-08	7.98E-08	7.75E-08	2.80E-11	8.45E-11	4.89E-11	4.83E-11	4.37E-11	2.00E-11	1.94E-11	9.34E-13	2.26E-11	4.98E-12	6.55E-12	1.04E-11	1.83E-12	1.02E-11	5.74E-11
3673	475363.09	3851377.25	8.88E-08	8.76E-08	8.51E-08	3.07E-11	9.28E-11	5.37E-11	5.30E-11	4.80E-11	2.19E-11	2.13E-11	1.03E-12	2.48E-11	5.47E-12	7.20E-12	1.14E-11	2.01E-12	1.12E-11	6.31E-11
3674	475863.09	3851377.25	9.36E-08	9.23E-08	8.97E-08	3.24E-11	9.78E-11	5.66E-11	5.59E-11	5.07E-11	2.31E-11	2.24E-11	1.08E-12	2.61E-11	5.76E-12	7.59E-12	1.20E-11	2.12E-12	1.18E-11	6.65E-11
3675	476363.09	3851377.25	9.64E-08	9.52E-08	9.24E-08	3.34E-11	1.01E-10	5.83E-11	5.76E-11	5.22E-11	2.38E-11	2.31E-11	1.11E-12	2.69E-11	5.94E-12	7.82E-12	1.24E-11	2.19E-12	1.21E-11	6.85E-11
3676	476863.09	3851377.25	9.81E-08	9.68E-08	9.40E-08	3.40E-11	1.03E-10	5.94E-11	5.86E-11	5.31E-11	2.42E-11	2.35E-11	1.13E-12	2.74E-11	6.05E-12	7.96E-12	1.26E-11	2.22E-12	1.24E-11	6.97E-11
3677	477363.09	3851377.25	1.04E-07	1.03E-07	1.00E-07	3.62E-11	1.09E-10	6.32E-11	6.24E-11	5.66E-11	2.58E-11	2.51E-11	1.21E-12	2.92E-11	6.44E-12	8.47E-12	1.34E-11	2.37E-12	1.32E-11	7.43E-11
3678	477863.09	3851377.25	1.08E-07	1.06E-07	1.03E-07	3.73E-11	1.12E-10	6.51E-11	6.43E-11	5.83E-11	2.66E-11	2.58E-11	1.24E-12	3.00E-11	6.63E-12	8.73E-12	1.38E-11	2.44E-12	1.35E-11	7.65E-11
3679	478363.09	3851377.25	1.10E-07	1.09E-07	1.06E-07	3.82E-11	1.15E-10	6.67E-11	6.58E-11	5.97E-11	2.72E-11	2.64E-11	1.27E-12	3.08E-11	6.79E-12	8.94E-12	1.42E-11	2.50E-12	1.39E-11	7.83E-11
3680	478863.09	3851377.25	1.14E-07	1.12E-07	1.09E-07	3.94E-11	1.19E-10	6.89E-11	6.80E-11	6.16E-11	2.81E-11	2.73E-11	1.32E-12	3.18E-11	7.02E-12	9.23E-12	1.46E-11	2.58E-12	1.43E-11	8.09E-11
3681	479363.09	3851377.25	1.16E-07	1.15E-07	1.12E-07	4.03E-11	1.22E-10	7.04E-11	6.95E-11	6.30E-11	2.87E-11	2.79E-11	1.34E-12	3.25E-11	7.17E-12	9.43E-12	1.50E-11	2.64E-12	1.46E-11	8.27E-11
3682	479863.09	3851377.25	1.18E-07	1.17E-07	1.13E-07	4.09E-11	1.24E-10	7.15E-11	7.06E-11	6.40E-11	2.92E-11	2.83E-11	1.37E-12	3.30E-11	7.28E-12	9.58E-12	1.52E-11	2.68E-12	1.49E-11	8.40E-11
3683	480363.09	3851377.25	1.21E-07	1.19E-07	1.15E-07	4.17E-11	1.26E-10	7.29E-11	7.20E-11	6.52E-11	2.98E-11	2.89E-11	1.39E-12	3.36E-11	7.42E-12	9.77E-12	1.55E-11	2.73E-12	1.52E-11	8.56E-11
3684	480863.09	3851377.25	1.29E-07	1.27E-07	1.23E-07	4.46E-11	1.35E-10	7.80E-11	7.69E-11	6.97E-11	3.18E-11	3.09E-11	1.49E-12	3.60E-11	7.94E-12	1.04E-11	1.66E-11	2.92E-12	1.62E-11	9.16E-11
3685	481363.09	3851377.25	1.41E-07	1.39E-07	1.35E-07	4.88E-11	1.47E-10	8.54E-11	8.42E-11	7.64E-11	3.48E-11	3.38E-11	1.63E-12	3.94E-11	8.69E-12	1.14E-11	1.81E-11	3.20E-12	1.78E-11	1.00E-10
3686	481863.09	3851377.25	1.41E-07	1.39E-07	1.35E-07	4.89E-11	1.48E-10	8.55E-11	8.44E-11	7.65E-11	3.49E-11	3.39E-11	1.63E-12	3.95E-11	8.71E-12	1.15E-11	1.82E-11	3.20E-12	1.78E-11	1.00E-10
3687	482363.09	3851377.25	1.34E-07	1.33E-07	1.29E-07	4.65E-11	1.41E-10	8.13E-11	8.03E-11	7.28E-11	3.32E-11	3.22E-11	1.55E-12	3.75E-11	8.28E-12	1.09E-11	1.73E-11	3.05E-12	1.69E-11	9.55E-11
3688	482863.09	3851377.25	1.09E-07	1.08E-07	1.05E-07	3.79E-11	1.14E-10	6.62E-11	6.54E-11	5.92E-11	2.70E-11	2.63E-11	1.27E-12	3.06E-11	6.74E-12	8.87E-12	1.41E-11	2.48E-12	1.38E-11	7.78E-11
3689	483363.09	3851377.25	8.95E-08	8.84E-08	8.58E-08	3.10E-11	9.36E-11	5.42E-11	5.35E-11	4.85E-11	2.21E-11	2.15E-11	1.03E-12	2.50E-11	5.52E-12	7.26E-12	1.15E-11	2.03E-12	1.13E-11	6.36E-11
3690	483863.09	3851377.25	8.12E-08	8.01E-08	7.78E-08	2.81E-11	8.49E-11	4.91E-11	4.85E-11	4.40E-11	2.01E-11	1.95E-11	9.39E-13	2.27E-11	5.00E-12	6.58E-12	1.04E-11	1.84E-12	1.02E-11	5.77E-11
3691	484363.09	3851377.25	9.77E-08	9.65E-08	9.37E-08	3.38E-11	1.02E-10	5.91E-11	5.84E-11	5.29E-11	2.41E-11	2.34E-11	1.13E-12	2.73E-11	6.02E-12	7.92E-12	1.26E-11	2.22E-12	1.23E-11	6.95E-11
3692	484863.09	3851377.25	7.77E-08	7.67E-08	7.45E-08	2.69E-11	8.12E-11	4.70E-11	4.64E-11	4.21E-11	1.92E-11	1.86E-11	8.98E-13	2.17E-11	4.79E-12	6.30E-12	9.99E-12	1.76E-12	9.78E-12	5.52E-11
3693	485363.09	3851377.25	9.70E-08	9.57E-08	9.29E-08	3.36E-11	1.01E-10	5.87E-11	5.79E-11	5.25E-11	2.39E-11	2.33E-11	1.12E-12	2.71E-11	5.97E-12	7.86E-12	1.25E-11	2.20E-12	1.22E-11	6.89E-11
3694	485863.09	3851377.25	8.16E-08	8.05E-08	7.82E-08	2.82E-11	8.53E-11	4.94E-11	4.87E-11	4.42E-11	2.02E-11	1.96E-11	9.43E-13	2.28E-11	5.03E-12	6.62E-12	1.05E-11	1.85E-12	1.03E-11	5.80E-11
3695	486363.09	3851377.25	8.95E-08	8.84E-08	8.58E-08	3.10E-11	9.36E-11	5.42E-11	5.35E-11	4.85E-11	2.21E-11	2.15E-11	1.03E-12	2.50E-11	5.52E-12	7.26E-12	1.15E-11	2.03E-12	1.13E-11	6.36E-11
3696	486863.09	3851377.25	8.22E-08	8.12E-08	7.88E-08	2.85E-11	8.60E-11	4.98E-11	4.91E-11	4.45E-11	2.03E-11	1.97E-11	9.51E-13	2.30E-11	5.07E-12	6.67E-12	1.06E-11	1.86E-12	1.04E-11	5.84E-11
3697	487363.09	3851377.25	6.53E-08	6.45E-08	6.26E-08	2.26E-11	6.83E-11	3.95E-11	3.90E-11	3.54E-11	1.61E-11	1.57E-11	7.55E-13	1.82E-11	4.03E-12	5.30E-12	8.40E-12	1.48E-12	8.22E-12	4.64E-11
3698	487863.09	3851377.25	6.64E-08	6.55E-08	6.36E-08	2.30E-11	6.94E-11	4.02E-11	3.96E-11	3.59E-11	1.64E-11	1.59E-11	7.67E-13	1.85E-11	4.09E-12	5.38E-12	8.54E-12	1.50E-12	8.35E-12	4.72E-11
3699	488363.09	3851377.25	6.32E-08	6.24E-08	6.06E-08	2.19E-11	6.61E-11	3.83E-11	3.78E-11	3.42E-11	1.56E-11	1.52E-11	7.31E-13	1.77E-11	3.90E-12	5.13E-12	8.13E-12	1.43E-12	7.96E-12	4.49E-11
3700	488863.09	3851377.25	5.73E-08	5.65E-08	5.49E-08	1.98E-11	5.98E-11	3.46E-11	3.42E-11	3.10E-11	1.41E-11	1.37E-11	6.62E-13	1.60E-11	3.53E-12	4.64E-12	7.36E-12	1.30E-12	7.21E-12	4.07E-11
3701	489363.09	3851377.25	5.39E-08	5.32E-08	5.16E-08	1.86E-11	5.63E-11	3.26E-11	3.22E-11	2.92E-11	1.33E-11	1.29E-11	6.23E-13	1.50E-11	3.32E-12	4.37E-12	6.93E-12	1.22E-12	6.78E-12	3.83E-11
3702	489863.09	3851377.25	4.75E-08	4.69E-08	4.55E-08	1.64E-11	4.96E-11	2.87E-11	2.84E-11	2.57E-11	1.17E-11	1.14E-11	5.49E-13	1.33E-11	2.93E-12	3.85E-12	6.11E-12	1.08E-12	5.98E-12	3.38E-11
3703	490363.09	3851377.25	4.53E-08	4.47E-08	4.34E-08	1.57E-11	4.73E-11	2.74E-11	2.70E-11	2.45E-11	1.12E-11	1.09E-11	5.23E-13	1.26E-11	2.79E-12	3.67E-12	5.82E-12	1.03E-12	5.70E-12	3.22E-11

3704	490863.09	3851377.25	4.03E-08	3.98E-08	3.87E-08	1.40E-11	4.22E-11	2.44E-11	2.41E-11	2.18E-11	9.96E-12	9.68E-12	4.66E-13	1.13E-11	2.49E-12	3.27E-12	5.19E-12	9.14E-13	5.08E-12	2.87E-11
3705	491363.09	3851377.25	3.67E-08	3.62E-08	3.52E-08	1.27E-11	3.84E-11	2.22E-11	2.19E-11	1.99E-11	9.06E-12	8.80E-12	4.24E-13	1.02E-11	2.26E-12	2.98E-12	4.72E-12	8.32E-13	4.62E-12	2.61E-11
3706	491863.09	3851377.25	3.34E-08	3.30E-08	3.21E-08	1.16E-11	3.50E-11	2.02E-11	2.00E-11	1.81E-11	8.26E-12	8.02E-12	3.87E-13	9.34E-12	2.06E-12	2.71E-12	4.30E-12	7.58E-13	4.21E-12	2.38E-11
3707	492363.09	3851377.25	3.06E-08	3.02E-08	2.93E-08	1.06E-11	3.20E-11	1.85E-11	1.83E-11	1.66E-11	7.55E-12	7.34E-12	3.54E-13	8.54E-12	1.88E-12	2.48E-12	3.93E-12	6.93E-13	3.85E-12	2.17E-11
3708	492863.09	3851377.25	2.80E-08	2.76E-08	2.68E-08	9.69E-12	2.92E-11	1.69E-11	1.67E-11	1.51E-11	6.91E-12	6.71E-12	3.23E-13	7.81E-12	1.72E-12	2.27E-12	3.60E-12	6.34E-13	3.52E-12	1.99E-11
3709	493363.09	3851377.25	2.62E-08	2.58E-08	2.51E-08	9.05E-12	2.73E-11	1.58E-11	1.56E-11	1.42E-11	6.46E-12	6.27E-12	3.02E-13	7.30E-12	1.61E-12	2.12E-12	3.36E-12	5.93E-13	3.29E-12	1.86E-11
3710	493863.09	3851377.25	2.76E-08	2.72E-08	2.64E-08	9.55E-12	2.88E-11	1.67E-11	1.65E-11	1.49E-11	6.81E-12	6.62E-12	3.19E-13	7.70E-12	1.70E-12	2.24E-12	3.55E-12	6.25E-13	3.47E-12	1.96E-11
3711	494363.09	3851377.25	3.08E-08	3.04E-08	2.96E-08	1.07E-11	3.22E-11	1.87E-11	1.84E-11	1.67E-11	7.62E-12	7.40E-12	3.57E-13	8.61E-12	1.90E-12	2.50E-12	3.97E-12	6.99E-13	3.88E-12	2.19E-11
3712	494863.09	3851377.25	3.45E-08	3.40E-08	3.31E-08	1.19E-11	3.60E-11	2.09E-11	2.06E-11	1.87E-11	8.52E-12	8.27E-12	3.99E-13	9.63E-12	2.12E-12	2.80E-12	4.44E-12	7.82E-13	4.34E-12	2.45E-11
3713	495363.09	3851377.25	4.14E-08	4.08E-08	3.97E-08	1.43E-11	4.33E-11	2.50E-11	2.47E-11	2.24E-11	1.02E-11	9.93E-12	4.78E-13	1.16E-11	2.55E-12	3.36E-12	5.32E-12	9.38E-13	5.21E-12	2.94E-11
3714	495863.09	3851377.25	4.68E-08	4.62E-08	4.49E-08	1.62E-11	4.90E-11	2.83E-11	2.80E-11	2.54E-11	1.16E-11	1.12E-11	5.42E-13	1.31E-11	2.89E-12	3.80E-12	6.03E-12	1.06E-12	5.90E-12	3.33E-11
3715	496363.09	3851377.25	5.23E-08	5.16E-08	5.01E-08	1.81E-11	5.47E-11	3.17E-11	3.12E-11	2.83E-11	1.29E-11	1.25E-11	6.05E-13	1.46E-11	3.22E-12	4.24E-12	6.73E-12	1.19E-12	6.59E-12	3.72E-11
3716	496863.09	3851377.25	5.37E-08	5.30E-08	5.15E-08	1.86E-11	5.62E-11	3.25E-11	3.21E-11	2.91E-11	1.33E-11	1.29E-11	6.21E-13	1.50E-11	3.31E-12	4.36E-12	6.91E-12	1.22E-12	6.77E-12	3.82E-11
3717	497363.09	3851377.25	5.40E-08	5.33E-08	5.18E-08	1.87E-11	5.64E-11	3.27E-11	3.23E-11	2.92E-11	1.33E-11	1.30E-11	6.24E-13	1.51E-11	3.33E-12	4.38E-12	6.95E-12	1.22E-12	6.80E-12	3.84E-11
3718	497863.09	3851377.25	5.52E-08	5.45E-08	5.29E-08	1.91E-11	5.77E-11	3.34E-11	3.30E-11	2.99E-11	1.36E-11	1.32E-11	6.38E-13	1.54E-11	3.40E-12	4.47E-12	7.10E-12	1.25E-12	6.95E-12	3.92E-11
3719	498363.09	3851377.25	5.45E-08	5.38E-08	5.23E-08	1.89E-11	5.70E-11	3.30E-11	3.26E-11	2.95E-11	1.35E-11	1.31E-11	6.30E-13	1.52E-11	3.36E-12	4.42E-12	7.01E-12	1.24E-12	6.86E-12	3.87E-11
3720	471363.09	3851877.25	5.87E-08	5.79E-08	5.62E-08	2.03E-11	6.13E-11	3.55E-11	3.50E-11	3.18E-11	1.45E-11	1.41E-11	6.78E-13	1.64E-11	3.62E-12	4.76E-12	7.55E-12	1.33E-12	7.39E-12	4.17E-11
3721	471863.09	3851877.25	5.69E-08	5.61E-08	5.45E-08	1.97E-11	5.94E-11	3.44E-11	3.40E-11	3.08E-11	1.40E-11	1.36E-11	6.57E-13	1.59E-11	3.50E-12	4.61E-12	7.31E-12	1.29E-12	7.16E-12	4.04E-11
3722	472363.09	3851877.25	6.06E-08	5.99E-08	5.81E-08	2.10E-11	6.34E-11	3.67E-11	3.62E-11	3.28E-11	1.50E-11	1.45E-11	7.01E-13	1.69E-11	3.74E-12	4.92E-12	7.80E-12	1.37E-12	7.63E-12	4.31E-11
3723	472863.09	3851877.25	6.42E-08	6.33E-08	6.15E-08	2.22E-11	6.71E-11	3.88E-11	3.83E-11	3.47E-11	1.58E-11	1.54E-11	7.42E-13	1.79E-11	3.95E-12	5.20E-12	8.25E-12	1.45E-12	8.08E-12	4.56E-11
3724	473363.09	3851877.25	6.18E-08	6.10E-08	5.92E-08	2.14E-11	6.46E-11	3.74E-11	3.69E-11	3.35E-11	1.53E-11	1.48E-11	7.15E-13	1.73E-11	3.81E-12	5.01E-12	7.95E-12	1.40E-12	7.78E-12	4.39E-11
3725	473863.09	3851877.25	6.32E-08	6.24E-08	6.06E-08	2.19E-11	6.61E-11	3.83E-11	3.78E-11	3.42E-11	1.56E-11	1.52E-11	7.31E-13	1.77E-11	3.90E-12	5.13E-12	8.13E-12	1.43E-12	7.96E-12	4.49E-11
3726	474363.09	3851877.25	7.08E-08	6.99E-08	6.78E-08	2.45E-11	7.40E-11	4.28E-11	4.23E-11	3.83E-11	1.75E-11	1.70E-11	8.18E-13	1.98E-11	4.36E-12	5.74E-12	9.11E-12	1.60E-12	8.91E-12	5.03E-11
3727	474863.09	3851877.25	7.85E-08	7.74E-08	7.52E-08	2.72E-11	8.20E-11	4.75E-11	4.69E-11	4.25E-11	1.94E-11	1.88E-11	9.07E-13	2.19E-11	4.83E-12	6.36E-12	1.01E-11	1.78E-12	9.88E-12	5.58E-11
3728	475363.09	3851877.25	8.41E-08	8.30E-08	8.06E-08	2.91E-11	8.79E-11	5.09E-11	5.02E-11	4.55E-11	2.08E-11	2.02E-11	9.72E-13	2.35E-11	5.18E-12	6.82E-12	1.08E-11	1.91E-12	1.06E-11	5.97E-11
3729	475863.09	3851877.25	8.99E-08	8.87E-08	8.62E-08	3.11E-11	9.40E-11	5.44E-11	5.37E-11	4.87E-11	2.22E-11	2.16E-11	1.04E-12	2.51E-11	5.54E-12	7.29E-12	1.16E-11	2.04E-12	1.13E-11	6.39E-11
3730	476363.09	3851877.25	9.36E-08	9.23E-08	8.97E-08	3.24E-11	9.78E-11	5.66E-11	5.59E-11	5.07E-11	2.31E-11	2.24E-11	1.08E-12	2.61E-11	5.76E-12	7.59E-12	1.20E-11	2.12E-12	1.18E-11	6.65E-11
3731	476863.09	3851877.25	9.98E-08	9.85E-08	9.57E-08	3.46E-11	1.04E-10	6.04E-11	5.96E-11	5.40E-11	2.47E-11	2.39E-11	1.15E-12	2.79E-11	6.15E-12	8.09E-12	1.28E-11	2.26E-12	1.26E-11	7.09E-11
3732	477363.09	3851877.25	1.04E-07	1.03E-07	9.97E-08	3.60E-11	1.09E-10	6.29E-11	6.21E-11	5.63E-11	2.57E-11	2.49E-11	1.20E-12	2.90E-11	6.41E-12	8.43E-12	1.34E-11	2.36E-12	1.31E-11	7.39E-11
3733	477863.09	3851877.25	1.09E-07	1.07E-07	1.04E-07	3.76E-11	1.14E-10	6.57E-11	6.49E-11	5.88E-11	2.68E-11	2.61E-11	1.26E-12	3.03E-11	6.70E-12	8.81E-12	1.40E-11	2.46E-12	1.37E-11	7.72E-11
3734	478363.09	3851877.25	1.12E-07	1.10E-07	1.07E-07	3.86E-11	1.17E-10	6.75E-11	6.66E-11	6.04E-11	2.75E-11	2.68E-11	1.29E-12	3.11E-11	6.87E-12	9.04E-12	1.43E-11	2.53E-12	1.40E-11	7.93E-11
3735	478863.09	3851877.25	1.18E-07	1.16E-07	1.13E-07	4.08E-11	1.23E-10	7.13E-11	7.04E-11	6.38E-11	2.91E-11	2.83E-11	1.36E-12	3.29E-11	7.26E-12	9.56E-12	1.52E-11	2.67E-12	1.48E-11	8.38E-11
3736	479363.09	3851877.25	1.25E-07	1.23E-07	1.19E-07	4.31E-11	1.30E-10	7.54E-11	7.44E-11	6.74E-11	3.08E-11	2.99E-11	1.44E-12	3.48E-11	7.67E-12	1.01E-11	1.60E-11	2.82E-12	1.57E-11	8.85E-11
3737	479863.09	3851877.25	1.29E-07	1.28E-07	1.24E-07	4.47E-11	1.35E-10	7.82E-11	7.72E-11	7.00E-11	3.19E-11	3.10E-11	1.49E-12	3.61E-11	7.96E-12	1.05E-11	1.66E-11	2.93E-12	1.63E-11	9.18E-11
3738	480363.09	3851877.25	1.31E-07	1.29E-07	1.26E-07	4.54E-11	1.37E-10	7.93E-11	7.83E-11	7.09E-11	3.24E-11	3.14E-11	1.51E-12	3.66E-11	8.07E-12	1.06E-11	1.69E-11	2.97E-12	1.65E-11	9.31E-11
3739	480863.09	3851877.25	1.34E-07	1.32E-07	1.28E-07	4.64E-11	1.40E-10	8.11E-11	8.00E-11	7.26E-11	3.31E-11	3.22E-11	1.55E-12	3.74E-11	8.26E-12	1.09E-11	1.72E-11	3.04E-12	1.69E-11	9.53E-11
3740	481363.09	3851877.25	1.44E-07	1.42E-07	1.38E-07	5.00E-11	1.51E-10	8.73E-11	8.62E-11	7.81E-11	3.56E-11	3.46E-11	1.67E-12	4.03E-11	8.89E-12	1.17E-11	1.86E-11	3.27E-12	1.82E-11	1.03E-10
3741	481863.09	3851877.25	1.56E-07	1.53E-07	1.49E-07	5.38E-11	1.63E-10	9.41E-11	9.29E-11	8.42E-11	3.84E-11	3.73E-11	1.80E-12	4.34E-11	9.58E-12	1.26E-11	2.00E-11	3.53E-12	1.96E-11	1.11E-10
3742	482363.09	3851877.25	1.45E-07	1.43E-07	1.39E-07	5.03E-11	1.52E-10	8.80E-11	8.68E-11	7.87E-11	3.59E-11	3.49E-11	1.68E-12	4.06E-11	8.96E-12	1.18E-11	1.87E-11	3.30E-12	1.83E-11	1.03E-10
3743	482863.09	3851877.25	1.20E-07	1.19E-07	1.15E-07	4.16E-11	1.26E-10	7.27E-11	7.17E-11	6.50E-11	2.97E-11	2.88E-11	1.39E-12	3.35E-11	7.40E-12	9.74E-12	1.54E-11	2.72E-12	1.51E-11	8.54E-11
3744	483363.09	3851877.25	1.18E-07	1.17E-07	1.13E-07	4.09E-11	1.24E-10	7.15E-11	7.06E-11	6.40E-11	2.92E-11	2.83E-11	1.37E-12	3.30E-11	7.28E-12	9.58E-12	1.52E-11	2.68E-12	1.49E-11	8.40E-11
3745	483863.09	3851877.25	1.15E-07	1.13E-07	1.10E-07	3.97E-11	1.20E-10	6.94E-11	6.85E-11	6.21E-11	2.83E-11	2.75E-11	1.33E-12	3.20E-11	7.06E-12	9.30E-12	1.47E-11	2.60E-12	1.44E-11	8.15E-11
3746	484363.09	3851877.25	1.19E-07	1.17E-07	1.14E-07	4.12E-11	1.24E-10	7.20E-11	7.10E-11	6.44E-11	2.94E-11	2.85E-11	1.37E-12	3.32E-11	7.33E-12	9.64E-12	1.53E-11	2.70E-12	1.50E-11	8.45E-11
3747	484863.09	3851877.25	1.13E-07	1.11E-07	1.08E-07	3.90E-11	1.18E-10	6.81E-11	6.72E-11	6.09E-11	2.78E-11	2.70E-11	1.30E-12	3.14E-11	6.94E-12	9.13E-12	1.45E-11	2.55E-12	1.42E-11	8.00E-11
3748	485363.09	3851877.25	1.15E-07	1.13E-07	1.10E-07	3.96E-11	1.20E-10	6.93E-11	6.84E-11	6.20E-11	2.83E-11	2.75E-11	1.32E-12	3.20E-11	7.06E-12	9.29E-12	1.47E-11	2.60E-12	1.44E-11	8.14E-11
3749	485863.09	3851877.25	1.11E-07	1.09E-07	1.06E-07	3.84E-11	1.16E-10	6.71E-11	6.62E-11	6.00E-11	2.74E-11	2.66E-11	1.28E-12	3.10E-11	6.83E-12	8.99E-12	1.43E-11	2.51E-12	1.40E-11	7.88E-11
3750	486363.09	3851877.25	9.99E-08	9.86E-08	9.58E-08	3.46E-11	1.04E-10	6.05E-11	5.97E-11	5.41E-11	2.47E-11	2.40E-11	1.16E-12	2.79E-11	6.16E-12	8.10E-12	1.29E-11	2.27E-12	1.26E-11	7.10E-11
3751	486863.09	3851877.25	9.81E-08	9.68E-08	9.40E-08	3.40E-11	1.03E-10	5.94E-11	5.86E-11	5.31E-11	2.42E-11	2.35E-11	1.13E-12	2.74E-11	6.05E-12	7.96E-12	1.26E-11	2.22E-12	1.24E-11	6.97E-11
3752	487363.09	3851877.25	9.04E-08	8.93E-08	8.67E-08	3.13E-11	9.45E-11	5.47E-11	5.40E-11	4.90E-11	2.23E-11	2.17E-11	1.05E-12	2.53E-11	5.57E-12	7.33E-12	1.16E-11	2.05E-12	1.14E-11	6.43E-11
3753	487863.09	3851877.25	7.11E-08	7.01E-08	6.81E-08	2.46E-11	7.43E-11	4.30E-11	4.24E-11	3.85E-11	1.76E-11	1.70E-11	8.21E-13	1.98E-11	4.38E-12	5.76E-12	9.14E-12	1.61E-12	8.94E-12	5.05E-11
3754	488363.09	3851877.25	6.64E-08	6.55E-08	6.36E-08	2.30E-11	6.94E-11	4.02E-11	3.96E-11	3.59E-11	1.64E-11	1.59E-11	7.67E-13	1.85E-11	4.09E-12	5.38E-12	8.54E-12	1.50E-12	8.35E-12	4.72E-11
3755	488863.09	3851877.25	5.57E-08	5.50E-08	5.34E-08	1.93E-11	5.82E-11	3.37E-11	3.33E-11	3.02E-11	1.38E-11	1.34E-11	6.44E-13	1.56E-11	3.43E-12	4.52E-12	7.16E-12	1.26E-12	7.01E-12	3.96E-11
3756	489363.09	3851877.25	5.11E-08	5.05E-08	4.90E-08	1.77E-11	5.35E-11	3.09E-11	3.05E-11	2.77E-11	1.26E-11	1.23E-11	5.91E-13	1.43E-11	3.15E-12	4.15E-12	6.58E-12	1.16E-12	6.44E-12	3.63E-11

3757	489863.09	3851877.25	4.57E-08	4.51E-08	4.38E-08	1.58E-11	4.77E-11	2.76E-11	2.73E-11	2.47E-11	1.13E-11	1.10E-11	5.28E-13	1.28E-11	2.81E-12	3.70E-12	5.88E-12	1.04E-12	5.75E-12	3.25E-11
3758	490363.09	3851877.25	4.46E-08	4.41E-08	4.28E-08	1.55E-11	4.67E-11	2.70E-11	2.67E-11	2.42E-11	1.10E-11	1.07E-11	5.16E-13	1.25E-11	2.75E-12	3.62E-12	5.74E-12	1.01E-12	5.62E-12	3.17E-11
3759	490863.09	3851877.25	4.23E-08	4.17E-08	4.05E-08	1.46E-11	4.42E-11	2.56E-11	2.53E-11	2.29E-11	1.04E-11	1.01E-11	4.89E-13	1.18E-11	2.61E-12	3.43E-12	5.44E-12	9.59E-13	5.32E-12	3.01E-11
3760	491363.09	3851877.25	4.23E-08	4.17E-08	4.05E-08	1.46E-11	4.42E-11	2.56E-11	2.53E-11	2.29E-11	1.04E-11	1.01E-11	4.89E-13	1.18E-11	2.61E-12	3.43E-12	5.44E-12	9.59E-13	5.32E-12	3.01E-11
3761	491863.09	3851877.25	3.97E-08	3.92E-08	3.80E-08	1.37E-11	4.15E-11	2.40E-11	2.37E-11	2.15E-11	9.80E-12	9.52E-12	4.59E-13	1.11E-11	2.45E-12	3.22E-12	5.11E-12	9.00E-13	5.00E-12	2.82E-11
3762	492363.09	3851877.25	3.53E-08	3.48E-08	3.38E-08	1.22E-11	3.69E-11	2.13E-11	2.11E-11	1.91E-11	8.71E-12	8.46E-12	4.08E-13	9.85E-12	2.17E-12	2.86E-12	4.54E-12	7.99E-13	4.44E-12	2.51E-11
3763	492863.09	3851877.25	3.03E-08	2.99E-08	2.91E-08	1.05E-11	3.17E-11	1.83E-11	1.81E-11	1.64E-11	7.49E-12	7.27E-12	3.50E-13	8.47E-12	1.87E-12	2.46E-12	3.90E-12	6.87E-13	3.82E-12	2.15E-11
3764	493363.09	3851877.25	3.67E-08	3.62E-08	3.52E-08	1.27E-11	3.84E-11	2.22E-11	2.19E-11	1.99E-11	9.06E-12	8.80E-12	4.24E-13	1.02E-11	2.26E-12	2.98E-12	4.72E-12	8.32E-13	4.62E-12	2.61E-11
3765	493863.09	3851877.25	4.20E-08	4.15E-08	4.03E-08	1.46E-11	4.39E-11	2.54E-11	2.51E-11	2.28E-11	1.04E-11	1.01E-11	4.86E-13	1.17E-11	2.59E-12	3.41E-12	5.41E-12	9.53E-13	5.29E-12	2.99E-11
3766	494363.09	3851877.25	4.19E-08	4.14E-08	4.02E-08	1.45E-11	4.38E-11	2.54E-11	2.50E-11	2.27E-11	1.04E-11	1.01E-11	4.84E-13	1.17E-11	2.58E-12	3.40E-12	5.39E-12	9.50E-13	5.27E-12	2.98E-11
3767	494863.09	3851877.25	4.81E-08	4.75E-08	4.61E-08	1.67E-11	5.03E-11	2.91E-11	2.88E-11	2.61E-11	1.19E-11	1.15E-11	5.57E-13	1.34E-11	2.97E-12	3.90E-12	6.19E-12	1.09E-12	6.06E-12	3.42E-11
3768	495363.09	3851877.25	5.62E-08	5.55E-08	5.39E-08	1.95E-11	5.88E-11	3.40E-11	3.36E-11	3.04E-11	1.39E-11	1.35E-11	6.50E-13	1.57E-11	3.46E-12	4.56E-12	7.23E-12	1.27E-12	7.08E-12	4.00E-11
3769	495863.09	3851877.25	6.26E-08	6.18E-08	6.00E-08	2.17E-11	6.54E-11	3.79E-11	3.74E-11	3.39E-11	1.55E-11	1.50E-11	7.24E-13	1.75E-11	3.86E-12	5.08E-12	8.05E-12	1.42E-12	7.88E-12	4.45E-11
3770	496363.09	3851877.25	6.52E-08	6.43E-08	6.25E-08	2.26E-11	6.81E-11	3.94E-11	3.89E-11	3.53E-11	1.61E-11	1.56E-11	7.54E-13	1.82E-11	4.02E-12	5.29E-12	8.39E-12	1.48E-12	8.21E-12	4.63E-11
3771	496863.09	3851877.25	6.39E-08	6.31E-08	6.12E-08	2.21E-11	6.68E-11	3.87E-11	3.82E-11	3.46E-11	1.58E-11	1.53E-11	7.39E-13	1.78E-11	3.94E-12	5.18E-12	8.22E-12	1.45E-12	8.04E-12	4.54E-11
3772	497363.09	3851877.25	6.47E-08	6.38E-08	6.20E-08	2.24E-11	6.76E-11	3.91E-11	3.86E-11	3.50E-11	1.60E-11	1.55E-11	7.48E-13	1.81E-11	3.98E-12	5.24E-12	8.32E-12	1.47E-12	8.14E-12	4.60E-11
3773	497863.09	3851877.25	6.34E-08	6.25E-08	6.07E-08	2.19E-11	6.62E-11	3.83E-11	3.78E-11	3.43E-11	1.57E-11	1.52E-11	7.33E-13	1.77E-11	3.90E-12	5.14E-12	8.15E-12	1.44E-12	7.98E-12	4.50E-11
3774	498363.09	3851877.25	6.27E-08	6.19E-08	6.01E-08	2.17E-11	6.56E-11	3.80E-11	3.75E-11	3.40E-11	1.55E-11	1.50E-11	7.25E-13	1.75E-11	3.86E-12	5.09E-12	8.07E-12	1.42E-12	7.90E-12	4.46E-11
3775	471363.09	3852377.25	5.79E-08	5.72E-08	5.55E-08	2.00E-11	6.05E-11	3.50E-11	3.46E-11	3.13E-11	1.43E-11	1.39E-11	6.69E-13	1.62E-11	3.57E-12	4.70E-12	7.45E-12	1.31E-12	7.29E-12	4.12E-11
3776	471863.09	3852377.25	6.29E-08	6.20E-08	6.02E-08	2.18E-11	6.57E-11	3.80E-11	3.75E-11	3.40E-11	1.55E-11	1.51E-11	7.27E-13	1.76E-11	3.87E-12	5.10E-12	8.08E-12	1.42E-12	7.91E-12	4.47E-11
3777	472363.09	3852377.25	6.56E-08	6.47E-08	6.29E-08	2.27E-11	6.86E-11	3.97E-11	3.92E-11	3.55E-11	1.62E-11	1.57E-11	7.58E-13	1.83E-11	4.04E-12	5.32E-12	8.44E-12	1.49E-12	8.26E-12	4.66E-11
3778	472863.09	3852377.25	6.74E-08	6.65E-08	6.46E-08	2.33E-11	7.05E-11	4.08E-11	4.03E-11	3.65E-11	1.67E-11	1.62E-11	7.79E-13	1.88E-11	4.15E-12	5.47E-12	8.67E-12	1.53E-12	8.49E-12	4.79E-11
3779	473363.09	3852377.25	6.79E-08	6.70E-08	6.51E-08	2.35E-11	7.10E-11	4.11E-11	4.06E-11	3.68E-11	1.68E-11	1.63E-11	7.85E-13	1.90E-11	4.19E-12	5.51E-12	8.74E-12	1.54E-12	8.55E-12	4.83E-11
3780	473863.09	3852377.25	6.81E-08	6.72E-08	6.52E-08	2.36E-11	7.11E-11	4.12E-11	4.06E-11	3.68E-11	1.68E-11	1.63E-11	7.87E-13	1.90E-11	4.19E-12	5.52E-12	8.75E-12	1.54E-12	8.57E-12	4.84E-11
3781	474363.09	3852377.25	6.92E-08	6.83E-08	6.64E-08	2.40E-11	7.24E-11	4.19E-11	4.13E-11	3.75E-11	1.71E-11	1.66E-11	8.00E-13	1.93E-11	4.27E-12	5.61E-12	8.90E-12	1.57E-12	8.72E-12	4.92E-11
3782	474863.09	3852377.25	8.03E-08	7.92E-08	7.70E-08	2.78E-11	8.39E-11	4.86E-11	4.79E-11	4.35E-11	1.98E-11	1.93E-11	9.28E-13	2.24E-11	4.95E-12	6.51E-12	1.03E-11	1.82E-12	1.01E-11	5.71E-11
3783	475363.09	3852377.25	8.29E-08	8.18E-08	7.94E-08	2.87E-11	8.66E-11	5.02E-11	4.95E-11	4.49E-11	2.05E-11	1.99E-11	9.58E-13	2.31E-11	5.11E-12	6.72E-12	1.07E-11	1.88E-12	1.04E-11	5.89E-11
3784	475863.09	3852377.25	8.51E-08	8.40E-08	8.16E-08	2.95E-11	8.90E-11	5.15E-11	5.08E-11	4.61E-11	2.10E-11	2.04E-11	9.84E-13	2.38E-11	5.24E-12	6.90E-12	1.09E-11	1.93E-12	1.07E-11	6.05E-11
3785	476363.09	3852377.25	8.64E-08	8.53E-08	8.28E-08	2.99E-11	9.03E-11	5.23E-11	5.16E-11	4.68E-11	2.13E-11	2.07E-11	9.99E-13	2.41E-11	5.32E-12	7.01E-12	1.11E-11	1.96E-12	1.09E-11	6.14E-11
3786	476863.09	3852377.25	9.30E-08	9.18E-08	8.92E-08	3.22E-11	9.73E-11	5.63E-11	5.56E-11	5.04E-11	2.30E-11	2.23E-11	1.08E-12	2.60E-11	5.73E-12	7.54E-12	1.20E-11	2.11E-12	1.17E-11	6.61E-11
3787	477363.09	3852377.25	9.92E-08	9.79E-08	9.50E-08	3.43E-11	1.04E-10	6.00E-11	5.92E-11	5.37E-11	2.45E-11	2.38E-11	1.15E-12	2.77E-11	6.11E-12	8.04E-12	1.28E-11	2.25E-12	1.25E-11	7.05E-11
3788	477863.09	3852377.25	9.33E-08	9.21E-08	8.94E-08	3.23E-11	9.75E-11	5.65E-11	5.57E-11	5.05E-11	2.30E-11	2.24E-11	1.08E-12	2.61E-11	5.75E-12	7.57E-12	1.20E-11	2.12E-12	1.17E-11	6.63E-11
3789	478363.09	3852377.25	8.81E-08	8.70E-08	8.44E-08	3.05E-11	9.21E-11	5.33E-11	5.26E-11	4.77E-11	2.18E-11	2.11E-11	1.02E-12	2.46E-11	5.43E-12	7.14E-12	1.13E-11	2.00E-12	1.11E-11	6.26E-11
3790	478863.09	3852377.25	1.04E-07	1.03E-07	9.98E-08	3.60E-11	1.09E-10	6.30E-11	6.22E-11	5.64E-11	2.57E-11	2.50E-11	1.20E-12	2.91E-11	6.41E-12	8.44E-12	1.34E-11	2.36E-12	1.31E-11	7.40E-11
3791	479363.09	3852377.25	1.15E-07	1.13E-07	1.10E-07	3.97E-11	1.20E-10	6.94E-11	6.85E-11	6.21E-11	2.84E-11	2.75E-11	1.33E-12	3.20E-11	7.07E-12	9.31E-12	1.48E-11	2.60E-12	1.44E-11	8.16E-11
3792	479863.09	3852377.25	1.32E-07	1.31E-07	1.27E-07	4.58E-11	1.38E-10	8.01E-11	7.90E-11	7.16E-11	3.27E-11	3.17E-11	1.53E-12	3.70E-11	8.15E-12	1.07E-11	1.70E-11	3.00E-12	1.67E-11	9.41E-11
3793	480363.09	3852377.25	1.44E-07	1.42E-07	1.38E-07	5.00E-11	1.51E-10	8.73E-11	8.62E-11	7.81E-11	3.56E-11	3.46E-11	1.67E-12	4.03E-11	8.89E-12	1.17E-11	1.86E-11	3.27E-12	1.82E-11	1.03E-10
3794	480863.09	3852377.25	1.47E-07	1.45E-07	1.41E-07	5.09E-11	1.54E-10	8.90E-11	8.78E-11	7.96E-11	3.63E-11	3.53E-11	1.70E-12	4.11E-11	9.06E-12	1.19E-11	1.89E-11	3.33E-12	1.85E-11	1.05E-10
3795	481363.09	3852377.25	1.50E-07	1.48E-07	1.44E-07	5.19E-11	1.57E-10	9.07E-11	8.95E-11	8.12E-11	3.70E-11	3.60E-11	1.73E-12	4.19E-11	9.24E-12	1.22E-11	1.93E-11	3.40E-12	1.89E-11	1.07E-10
3796	481863.09	3852377.25	1.61E-07	1.59E-07	1.54E-07	5.57E-11	1.68E-10	9.74E-11	9.61E-11	8.71E-11	3.98E-11	3.86E-11	1.86E-12	4.49E-11	9.92E-12	1.31E-11	2.07E-11	3.65E-12	2.03E-11	1.14E-10
3797	482363.09	3852377.25	1.75E-07	1.73E-07	1.68E-07	6.05E-11	1.83E-10	1.06E-10	1.04E-10	9.47E-11	4.32E-11	4.20E-11	2.02E-12	4.88E-11	1.08E-11	1.42E-11	2.25E-11	3.96E-12	2.20E-11	1.24E-10
3798	482863.09	3852377.25	1.76E-07	1.74E-07	1.69E-07	6.11E-11	1.84E-10	1.07E-10	1.05E-10	9.55E-11	4.36E-11	4.23E-11	2.04E-12	4.93E-11	1.09E-11	1.43E-11	2.27E-11	4.00E-12	2.22E-11	1.25E-10
3799	483363.09	3852377.25	1.53E-07	1.51E-07	1.46E-07	5.28E-11	1.59E-10	9.23E-11	9.11E-11	8.26E-11	3.77E-11	3.66E-11	1.76E-12	4.26E-11	9.40E-12	1.24E-11	1.96E-11	3.46E-12	1.92E-11	1.08E-10
3800	483863.09	3852377.25	1.29E-07	1.27E-07	1.24E-07	4.47E-11	1.35E-10	7.81E-11	7.71E-11	6.99E-11	3.19E-11	3.10E-11	1.49E-12	3.60E-11	7.95E-12	1.05E-11	1.66E-11	2.93E-12	1.63E-11	9.17E-11
3801	484363.09	3852377.25	1.44E-07	1.42E-07	1.38E-07	5.00E-11	1.51E-10	8.73E-11	8.62E-11	7.81E-11	3.56E-11	3.46E-11	1.67E-12	4.03E-11	8.89E-12	1.17E-11	1.86E-11	3.27E-12	1.82E-11	1.03E-10
3802	484863.09	3852377.25	1.45E-07	1.43E-07	1.39E-07	5.02E-11	1.52E-10	8.78E-11	8.66E-11	7.85E-11	3.58E-11	3.48E-11	1.68E-12	4.05E-11	8.94E-12	1.18E-11	1.87E-11	3.29E-12	1.83E-11	1.03E-10
3803	485363.09	3852377.25	1.50E-07	1.48E-07	1.44E-07	5.20E-11	1.57E-10	9.09E-11	8.97E-11	8.13E-11	3.71E-11	3.60E-11	1.74E-12	4.19E-11	9.25E-12	1.22E-11	1.93E-11	3.40E-12	1.89E-11	1.07E-10
3804	485863.09	3852377.25	1.36E-07	1.35E-07	1.31E-07	4.72E-11	1.43E-10	8.25E-11	8.14E-11	7.38E-11	3.37E-11	3.27E-11	1.58E-12	3.81E-11	8.40E-12	1.11E-11	1.75E-11	3.09E-12	1.72E-11	9.69E-11
3805	486363.09	3852377.25	1.14E-07	1.12E-07	1.09E-07	3.93E-11	1.19E-10	6.87E-11	6.78E-11	6.15E-11	2.81E-11	2.73E-11	1.31E-12	3.17E-11	7.00E-12	9.21E-12	1.46E-11	2.58E-12	1.43E-11	8.07E-11
3806	486863.09	3852377.25	1.06E-07	1.05E-07	1.02E-07	3.67E-11	1.11E-10	6.42E-11	6.33E-11	5.74E-11	2.62E-11	2.54E-11	1.23E-12	2.96E-11	6.53E-12	8.60E-12	1.36E-11	2.40E-12	1.34E-11	7.54E-11
3807	487363.09	3852377.25	9.45E-08	9.32E-08	9.05E-08	3.27E-11	9.87E-11	5.72E-11	5.64E-11	5.11E-11	2.33E-11	2.27E-11	1.09E-12	2.64E-11	5.82E-12	7.66E-12	1.22E-11	2.14E-12	1.19E-11	6.71E-11
3808	487863.09	3852377.25	7.94E-08	7.83E-08	7.61E-08	2.75E-11	8.30E-11	4.80E-11	4.74E-11	4.30E-11	1.96E-11	1.90E-11	9.18E-13	2.22E-11	4.89E-12	6.44E-12	1.02E-11	1.80E-12	9.99E-12	5.64E-11
3809	488363.09	3852377.25	6.66E-08	6.58E-08	6.39E-08	2.31E-11	6.96E-11	4.03E-11	3.98E-11	3.61E-11	1.65E-11	1.60E-11	7.70E-13	1.86E-11	4.11E-12	5.40E-12	8.57E-12	1.51E-12	8.39E-12	4.73E-11

3810	488863.09	3852377.25	5.39E-08	5.32E-08	5.16E-08	1.86E-11	5.63E-11	3.26E-11	3.22E-11	2.92E-11	1.33E-11	1.29E-11	6.23E-13	1.50E-11	3.32E-12	4.37E-12	6.93E-12	1.22E-12	6.78E-12	3.83E-11
3811	489363.09	3852377.25	4.88E-08	4.82E-08	4.68E-08	1.69E-11	5.10E-11	2.95E-11	2.91E-11	2.64E-11	1.21E-11	1.17E-11	5.64E-13	1.36E-11	3.01E-12	3.96E-12	6.28E-12	1.11E-12	6.14E-12	3.47E-11
3812	489863.09	3852377.25	4.23E-08	4.17E-08	4.05E-08	1.46E-11	4.42E-11	2.56E-11	2.53E-11	2.29E-11	1.04E-11	1.01E-11	4.89E-13	1.18E-11	2.61E-12	3.43E-12	5.44E-12	9.59E-13	5.32E-12	3.01E-11
3813	490363.09	3852377.25	4.41E-08	4.35E-08	4.23E-08	1.53E-11	4.61E-11	2.67E-11	2.63E-11	2.39E-11	1.09E-11	1.06E-11	5.10E-13	1.23E-11	2.72E-12	3.58E-12	5.67E-12	1.00E-12	5.55E-12	3.14E-11
3814	490863.09	3852377.25	4.46E-08	4.41E-08	4.28E-08	1.55E-11	4.67E-11	2.70E-11	2.67E-11	2.42E-11	1.10E-11	1.07E-11	5.16E-13	1.25E-11	2.75E-12	3.62E-12	5.74E-12	1.01E-12	5.62E-12	3.17E-11
3815	491363.09	3852377.25	5.15E-08	5.09E-08	4.94E-08	1.78E-11	5.39E-11	3.12E-11	3.08E-11	2.79E-11	1.27E-11	1.24E-11	5.96E-13	1.44E-11	3.18E-12	4.18E-12	6.63E-12	1.17E-12	6.49E-12	3.66E-11
3816	491863.09	3852377.25	4.84E-08	4.78E-08	4.64E-08	1.68E-11	5.06E-11	2.93E-11	2.89E-11	2.62E-11	1.20E-11	1.16E-11	5.60E-13	1.35E-11	2.98E-12	3.93E-12	6.23E-12	1.10E-12	6.09E-12	3.44E-11
3817	492363.09	3852377.25	4.57E-08	4.51E-08	4.38E-08	1.58E-11	4.77E-11	2.76E-11	2.73E-11	2.47E-11	1.13E-11	1.10E-11	5.28E-13	1.28E-11	2.81E-12	3.70E-12	5.88E-12	1.04E-12	5.75E-12	3.25E-11
3818	492863.09	3852377.25	5.02E-08	4.96E-08	4.81E-08	1.74E-11	5.25E-11	3.04E-11	3.00E-11	2.72E-11	1.24E-11	1.20E-11	5.81E-13	1.40E-11	3.09E-12	4.07E-12	6.46E-12	1.14E-12	6.32E-12	3.57E-11
3819	493363.09	3852377.25	5.79E-08	5.72E-08	5.55E-08	2.00E-11	6.05E-11	3.50E-11	3.46E-11	3.13E-11	1.43E-11	1.39E-11	6.69E-13	1.62E-11	3.57E-12	4.70E-12	7.45E-12	1.31E-12	7.29E-12	4.12E-11
3820	493863.09	3852377.25	5.47E-08	5.39E-08	5.24E-08	1.89E-11	5.71E-11	3.31E-11	3.26E-11	2.96E-11	1.35E-11	1.31E-11	6.32E-13	1.53E-11	3.37E-12	4.43E-12	7.03E-12	1.24E-12	6.88E-12	3.88E-11
3821	494363.09	3852377.25	5.99E-08	5.91E-08	5.74E-08	2.07E-11	6.26E-11	3.62E-11	3.57E-11	3.24E-11	1.48E-11	1.44E-11	6.92E-13	1.67E-11	3.69E-12	4.85E-12	7.70E-12	1.36E-12	7.54E-12	4.25E-11
3822	494863.09	3852377.25	6.62E-08	6.54E-08	6.35E-08	2.29E-11	6.92E-11	4.01E-11	3.96E-11	3.59E-11	1.64E-11	1.59E-11	7.66E-13	1.85E-11	4.08E-12	5.37E-12	8.52E-12	1.50E-12	8.34E-12	4.71E-11
3823	495363.09	3852377.25	7.68E-08	7.58E-08	7.36E-08	2.66E-11	8.03E-11	4.65E-11	4.59E-11	4.16E-11	1.90E-11	1.84E-11	8.88E-13	2.14E-11	4.73E-12	6.23E-12	9.88E-12	1.74E-12	9.67E-12	5.46E-11
3824	495863.09	3852377.25	7.95E-08	7.85E-08	7.62E-08	2.75E-11	8.31E-11	4.81E-11	4.75E-11	4.30E-11	1.96E-11	1.91E-11	9.19E-13	2.22E-11	4.90E-12	6.45E-12	1.02E-11	1.80E-12	1.00E-11	5.65E-11
3825	496363.09	3852377.25	7.64E-08	7.54E-08	7.32E-08	2.64E-11	7.98E-11	4.62E-11	4.56E-11	4.14E-11	1.89E-11	1.83E-11	8.83E-13	2.13E-11	4.71E-12	6.19E-12	9.83E-12	1.73E-12	9.62E-12	5.43E-11
3826	496863.09	3852377.25	7.77E-08	7.67E-08	7.45E-08	2.69E-11	8.12E-11	4.70E-11	4.64E-11	4.21E-11	1.92E-11	1.86E-11	8.98E-13	2.17E-11	4.79E-12	6.30E-12	9.99E-12	1.76E-12	9.78E-12	5.52E-11
3827	497363.09	3852377.25	7.47E-08	7.37E-08	7.16E-08	2.59E-11	7.81E-11	4.52E-11	4.46E-11	4.04E-11	1.85E-11	1.79E-11	8.63E-13	2.09E-11	4.60E-12	6.06E-12	9.61E-12	1.69E-12	9.40E-12	5.31E-11
3828	497863.09	3852377.25	7.25E-08	7.15E-08	6.95E-08	2.51E-11	7.58E-11	4.39E-11	4.33E-11	3.92E-11	1.79E-11	1.74E-11	8.38E-13	2.02E-11	4.47E-12	5.88E-12	9.32E-12	1.64E-12	9.12E-12	5.15E-11
3829	498363.09	3852377.25	7.37E-08	7.27E-08	7.06E-08	2.55E-11	7.70E-11	4.46E-11	4.40E-11	3.99E-11	1.82E-11	1.77E-11	8.51E-13	2.06E-11	4.54E-12	5.97E-12	9.47E-12	1.67E-12	9.27E-12	5.23E-11
3830	471363.09	3852877.25	6.09E-08	6.01E-08	5.84E-08	2.11E-11	6.37E-11	3.69E-11	3.64E-11	3.30E-11	1.50E-11	1.46E-11	7.04E-13	1.70E-11	3.75E-12	4.94E-12	7.83E-12	1.38E-12	7.67E-12	4.33E-11
3831	471863.09	3852877.25	6.58E-08	6.50E-08	6.31E-08	2.28E-11	6.88E-11	3.98E-11	3.93E-11	3.56E-11	1.63E-11	1.58E-11	7.61E-13	1.84E-11	4.06E-12	5.34E-12	8.47E-12	1.49E-12	8.29E-12	4.68E-11
3832	472363.09	3852877.25	7.03E-08	6.94E-08	6.73E-08	2.43E-11	7.34E-11	4.25E-11	4.20E-11	3.80E-11	1.74E-11	1.69E-11	8.12E-13	1.96E-11	4.33E-12	5.70E-12	9.04E-12	1.59E-12	8.85E-12	4.99E-11
3833	472863.09	3852877.25	7.35E-08	7.26E-08	7.05E-08	2.55E-11	7.68E-11	4.45E-11	4.39E-11	3.98E-11	1.82E-11	1.76E-11	8.50E-13	2.05E-11	4.53E-12	5.96E-12	9.46E-12	1.67E-12	9.26E-12	5.23E-11
3834	473363.09	3852877.25	7.66E-08	7.56E-08	7.35E-08	2.65E-11	8.01E-11	4.64E-11	4.58E-11	4.15E-11	1.89E-11	1.84E-11	8.86E-13	2.14E-11	4.72E-12	6.21E-12	9.86E-12	1.74E-12	9.65E-12	5.45E-11
3835	473863.09	3852877.25	7.99E-08	7.89E-08	7.66E-08	2.77E-11	8.35E-11	4.83E-11	4.77E-11	4.33E-11	1.97E-11	1.92E-11	9.24E-13	2.23E-11	4.92E-12	6.48E-12	1.03E-11	1.81E-12	1.01E-11	5.68E-11
3836	474363.09	3852877.25	8.24E-08	8.13E-08	7.89E-08	2.85E-11	8.61E-11	4.98E-11	4.92E-11	4.46E-11	2.03E-11	1.98E-11	9.52E-13	2.30E-11	5.08E-12	6.68E-12	1.06E-11	1.87E-12	1.04E-11	5.85E-11
3837	474863.09	3852877.25	7.86E-08	7.76E-08	7.53E-08	2.72E-11	8.22E-11	4.76E-11	4.69E-11	4.25E-11	1.94E-11	1.89E-11	9.09E-13	2.19E-11	4.84E-12	6.37E-12	1.01E-11	1.78E-12	9.89E-12	5.59E-11
3838	475363.09	3852877.25	8.26E-08	8.16E-08	7.92E-08	2.86E-11	8.64E-11	5.00E-11	4.93E-11	4.47E-11	2.04E-11	1.98E-11	9.55E-13	2.31E-11	5.09E-12	6.70E-12	1.06E-11	1.87E-12	1.04E-11	5.87E-11
3839	475863.09	3852877.25	8.45E-08	8.34E-08	8.09E-08	2.92E-11	8.83E-11	5.11E-11	5.04E-11	4.57E-11	2.09E-11	2.03E-11	9.76E-13	2.36E-11	5.20E-12	6.85E-12	1.09E-11	1.91E-12	1.06E-11	6.00E-11
3840	476363.09	3852877.25	8.28E-08	8.17E-08	7.93E-08	2.87E-11	8.65E-11	5.01E-11	4.94E-11	4.48E-11	2.04E-11	1.99E-11	9.57E-13	2.31E-11	5.10E-12	6.71E-12	1.06E-11	1.88E-12	1.04E-11	5.88E-11
3841	476863.09	3852877.25	7.78E-08	7.68E-08	7.46E-08	2.69E-11	8.13E-11	4.71E-11	4.65E-11	4.21E-11	1.92E-11	1.87E-11	9.00E-13	2.17E-11	4.79E-12	6.31E-12	1.00E-11	1.76E-12	9.80E-12	5.53E-11
3842	477363.09	3852877.25	7.42E-08	7.32E-08	7.11E-08	2.57E-11	7.75E-11	4.49E-11	4.43E-11	4.02E-11	1.83E-11	1.78E-11	8.57E-13	2.07E-11	4.57E-12	6.01E-12	9.54E-12	1.68E-12	9.34E-12	5.27E-11
3843	477863.09	3852877.25	7.08E-08	6.99E-08	6.78E-08	2.45E-11	7.40E-11	4.28E-11	4.23E-11	3.83E-11	1.75E-11	1.70E-11	8.18E-13	1.98E-11	4.36E-12	5.74E-12	9.11E-12	1.60E-12	8.91E-12	5.03E-11
3844	478363.09	3852877.25	5.91E-08	5.83E-08	5.66E-08	2.05E-11	6.18E-11	3.57E-11	3.53E-11	3.20E-11	1.46E-11	1.42E-11	6.83E-13	1.65E-11	3.64E-12	4.79E-12	7.60E-12	1.34E-12	7.44E-12	4.20E-11
3845	478863.09	3852877.25	6.90E-08	6.81E-08	6.61E-08	2.39E-11	7.21E-11	4.17E-11	4.12E-11	3.73E-11	1.70E-11	1.65E-11	7.97E-13	1.93E-11	4.25E-12	5.59E-12	8.87E-12	1.56E-12	8.68E-12	4.90E-11
3846	479363.09	3852877.25	8.86E-08	8.75E-08	8.49E-08	3.07E-11	9.26E-11	5.36E-11	5.29E-11	4.80E-11	2.19E-11	2.13E-11	1.02E-12	2.47E-11	5.46E-12	7.19E-12	1.14E-11	2.01E-12	1.12E-11	6.30E-11
3847	479863.09	3852877.25	1.27E-07	1.25E-07	1.21E-07	4.39E-11	1.32E-10	7.67E-11	7.57E-11	6.86E-11	3.13E-11	3.04E-11	1.47E-12	3.54E-11	7.81E-12	1.03E-11	1.63E-11	2.87E-12	1.60E-11	9.01E-11
3848	480363.09	3852877.25	1.52E-07	1.50E-07	1.46E-07	5.27E-11	1.59E-10	9.20E-11	9.08E-11	8.24E-11	3.76E-11	3.65E-11	1.76E-12	4.25E-11	9.37E-12	1.23E-11	1.96E-11	3.45E-12	1.92E-11	1.08E-10
3849	480863.09	3852877.25	1.59E-07	1.57E-07	1.52E-07	5.50E-11	1.66E-10	9.62E-11	9.50E-11	8.61E-11	3.93E-11	3.81E-11	1.84E-12	4.44E-11	9.80E-12	1.29E-11	2.05E-11	3.60E-12	2.00E-11	1.13E-10
3850	481363.09	3852877.25	1.67E-07	1.65E-07	1.61E-07	5.80E-11	1.75E-10	1.01E-10	1.00E-10	9.07E-11	4.14E-11	4.02E-11	1.94E-12	4.68E-11	1.03E-11	1.36E-11	2.15E-11	3.80E-12	2.11E-11	1.19E-10
3851	481863.09	3852877.25	1.70E-07	1.68E-07	1.63E-07	5.90E-11	1.78E-10	1.03E-10	1.02E-10	9.22E-11	4.21E-11	4.09E-11	1.97E-12	4.76E-11	1.05E-11	1.38E-11	2.19E-11	3.86E-12	2.14E-11	1.21E-10
3852	482363.09	3852877.25	1.81E-07	1.79E-07	1.74E-07	6.27E-11	1.89E-10	1.10E-10	1.08E-10	9.81E-11	4.47E-11	4.35E-11	2.09E-12	5.06E-11	1.12E-11	1.47E-11	2.33E-11	4.11E-12	2.28E-11	1.29E-10
3853	482863.09	3852877.25	1.98E-07	1.96E-07	1.90E-07	6.87E-11	2.07E-10	1.20E-10	1.18E-10	1.07E-10	4.90E-11	4.76E-11	2.29E-12	5.54E-11	1.22E-11	1.61E-11	2.55E-11	4.50E-12	2.50E-11	1.41E-10
3854	483363.09	3852877.25	1.99E-07	1.97E-07	1.91E-07	6.90E-11	2.08E-10	1.21E-10	1.19E-10	1.08E-10	4.92E-11	4.78E-11	2.30E-12	5.57E-11	1.23E-11	1.62E-11	2.56E-11	4.52E-12	2.51E-11	1.42E-10
3855	483863.09	3852877.25	1.67E-07	1.64E-07	1.60E-07	5.77E-11	1.74E-10	1.01E-10	9.95E-11	9.02E-11	4.11E-11	4.00E-11	1.93E-12	4.65E-11	1.03E-11	1.35E-11	2.14E-11	3.78E-12	2.10E-11	1.18E-10
3856	484363.09	3852877.25	1.72E-07	1.70E-07	1.65E-07	5.97E-11	1.80E-10	1.04E-10	1.03E-10	9.33E-11	4.26E-11	4.14E-11	1.99E-12	4.81E-11	1.06E-11	1.40E-11	2.22E-11	3.91E-12	2.17E-11	1.23E-10
3857	484863.09	3852877.25	1.82E-07	1.79E-07	1.74E-07	6.28E-11	1.90E-10	1.10E-10	1.08E-10	9.83E-11	4.48E-11	4.35E-11	2.10E-12	5.07E-11	1.12E-11	1.47E-11	2.33E-11	4.12E-12	2.29E-11	1.29E-10
3858	485363.09	3852877.25	1.46E-07	1.44E-07	1.40E-07	5.05E-11	1.52E-10	8.83E-11	8.71E-11	7.90E-11	3.60E-11	3.50E-11	1.69E-12	4.07E-11	8.99E-12	1.18E-11	1.88E-11	3.31E-12	1.84E-11	1.04E-10
3859	485863.09	3852877.25	1.31E-07	1.29E-07	1.26E-07	4.54E-11	1.37E-10	7.94E-11	7.83E-11	7.10E-11	3.24E-11	3.15E-11	1.52E-12	3.66E-11	8.08E-12	1.06E-11	1.69E-11	2.97E-12	1.65E-11	9.32E-11
3860	486363.09	3852877.25	1.10E-07	1.08E-07	1.05E-07	3.80E-11	1.15E-10	6.64E-11	6.55E-11	5.94E-11	2.71E-11	2.63E-11	1.27E-12	3.06E-11	6.76E-12	8.89E-12	1.41E-11	2.49E-12	1.38E-11	7.80E-11
3861	486863.09	3852877.25	1.01E-07	1.00E-07	9.72E-08	3.51E-11	1.06E-10	6.13E-11	6.05E-11	5.49E-11	2.50E-11	2.43E-11	1.17E-12	2.83E-11	6.25E-12	8.22E-12	1.30E-11	2.30E-12	1.28E-11	7.20E-11
3862	487363.09	3852877.25	8.80E-08	8.68E-08	8.43E-08	3.05E-11	9.19E-11	5.32E-11	5.25E-11	4.76E-11	2.17E-11	2.11E-11	1.02E-12	2.46E-11	5.42E-12	7.13E-12	1.13E-11	1.99E-12	1.11E-11	6.25E-11

3863	487863.09	3852877.25	7.83E-08	7.73E-08	7.51E-08	2.71E-11	8.19E-11	4.74E-11	4.68E-11	4.24E-11	1.94E-11	1.88E-11	9.06E-13	2.19E-11	4.83E-12	6.35E-12	1.01E-11	1.78E-12	9.86E-12	5.57E-11
3864	488363.09	3852877.25	5.27E-08	5.20E-08	5.05E-08	1.82E-11	5.51E-11	3.19E-11	3.15E-11	2.85E-11	1.30E-11	1.26E-11	6.09E-13	1.47E-11	3.25E-12	4.27E-12	6.78E-12	1.19E-12	6.63E-12	3.75E-11
3865	488863.09	3852877.25	5.18E-08	5.11E-08	4.96E-08	1.79E-11	5.41E-11	3.13E-11	3.09E-11	2.80E-11	1.28E-11	1.24E-11	5.99E-13	1.45E-11	3.19E-12	4.20E-12	6.66E-12	1.17E-12	6.52E-12	3.68E-11
3866	489363.09	3852877.25	5.08E-08	5.01E-08	4.86E-08	1.76E-11	5.30E-11	3.07E-11	3.03E-11	2.75E-11	1.25E-11	1.22E-11	5.87E-13	1.42E-11	3.13E-12	4.11E-12	6.53E-12	1.15E-12	6.39E-12	3.61E-11
3867	489863.09	3852877.25	4.92E-08	4.85E-08	4.71E-08	1.70E-11	5.14E-11	2.98E-11	2.94E-11	2.66E-11	1.22E-11	1.18E-11	5.69E-13	1.37E-11	3.03E-12	3.99E-12	6.33E-12	1.12E-12	6.19E-12	3.50E-11
3868	490363.09	3852877.25	5.90E-08	5.82E-08	5.65E-08	2.04E-11	6.16E-11	3.57E-11	3.52E-11	3.19E-11	1.46E-11	1.41E-11	6.81E-13	1.65E-11	3.63E-12	4.78E-12	7.58E-12	1.34E-12	7.42E-12	4.19E-11
3869	490863.09	3852877.25	6.38E-08	6.29E-08	6.11E-08	2.21E-11	6.66E-11	3.86E-11	3.81E-11	3.45E-11	1.58E-11	1.53E-11	7.37E-13	1.78E-11	3.93E-12	5.17E-12	8.20E-12	1.45E-12	8.03E-12	4.53E-11
3870	491363.09	3852877.25	6.61E-08	6.52E-08	6.34E-08	2.29E-11	6.91E-11	4.00E-11	3.95E-11	3.58E-11	1.63E-11	1.59E-11	7.64E-13	1.85E-11	4.07E-12	5.36E-12	8.50E-12	1.50E-12	8.32E-12	4.70E-11
3871	491863.09	3852877.25	6.21E-08	6.13E-08	5.95E-08	2.15E-11	6.49E-11	3.76E-11	3.71E-11	3.36E-11	1.53E-11	1.49E-11	7.18E-13	1.73E-11	3.82E-12	5.03E-12	7.98E-12	1.41E-12	7.81E-12	4.41E-11
3872	492363.09	3852877.25	6.29E-08	6.20E-08	6.02E-08	2.18E-11	6.57E-11	3.80E-11	3.75E-11	3.40E-11	1.55E-11	1.51E-11	7.27E-13	1.76E-11	3.87E-12	5.10E-12	8.08E-12	1.42E-12	7.91E-12	4.47E-11
3873	492863.09	3852877.25	7.12E-08	7.03E-08	6.82E-08	2.46E-11	7.44E-11	4.31E-11	4.25E-11	3.85E-11	1.76E-11	1.71E-11	8.23E-13	1.99E-11	4.39E-12	5.77E-12	9.16E-12	1.61E-12	8.96E-12	5.06E-11
3874	493363.09	3852877.25	7.63E-08	7.53E-08	7.31E-08	2.64E-11	7.97E-11	4.61E-11	4.55E-11	4.13E-11	1.88E-11	1.83E-11	8.82E-13	2.13E-11	4.70E-12	6.18E-12	9.81E-12	1.73E-12	9.60E-12	5.42E-11
3875	493863.09	3852877.25	8.02E-08	7.91E-08	7.68E-08	2.77E-11	8.38E-11	4.85E-11	4.79E-11	4.34E-11	1.98E-11	1.92E-11	9.27E-13	2.24E-11	4.94E-12	6.50E-12	1.03E-11	1.82E-12	1.01E-11	5.70E-11
3876	494363.09	3852877.25	8.02E-08	7.91E-08	7.68E-08	2.77E-11	8.38E-11	4.85E-11	4.79E-11	4.34E-11	1.98E-11	1.92E-11	9.27E-13	2.24E-11	4.94E-12	6.50E-12	1.03E-11	1.82E-12	1.01E-11	5.70E-11
3877	494863.09	3852877.25	9.24E-08	9.12E-08	8.86E-08	3.20E-11	9.66E-11	5.59E-11	5.52E-11	5.00E-11	2.28E-11	2.22E-11	1.07E-12	2.58E-11	5.69E-12	7.49E-12	1.19E-11	2.09E-12	1.16E-11	6.57E-11
3878	495363.09	3852877.25	9.49E-08	9.36E-08	9.09E-08	3.28E-11	9.92E-11	5.74E-11	5.67E-11	5.14E-11	2.34E-11	2.28E-11	1.10E-12	2.65E-11	5.85E-12	7.69E-12	1.22E-11	2.15E-12	1.19E-11	6.74E-11
3879	495863.09	3852877.25	9.10E-08	8.98E-08	8.72E-08	3.15E-11	9.51E-11	5.50E-11	5.43E-11	4.92E-11	2.25E-11	2.18E-11	1.05E-12	2.54E-11	5.60E-12	7.38E-12	1.17E-11	2.06E-12	1.15E-11	6.46E-11
3880	496363.09	3852877.25	9.47E-08	9.35E-08	9.08E-08	3.28E-11	9.90E-11	5.73E-11	5.66E-11	5.13E-11	2.34E-11	2.27E-11	1.10E-12	2.65E-11	5.84E-12	7.68E-12	1.22E-11	2.15E-12	1.19E-11	6.73E-11
3881	496863.09	3852877.25	9.70E-08	9.57E-08	9.29E-08	3.36E-11	1.01E-10	5.87E-11	5.79E-11	5.25E-11	2.39E-11	2.33E-11	1.12E-12	2.71E-11	5.97E-12	7.86E-12	1.25E-11	2.20E-12	1.22E-11	6.89E-11
3882	497363.09	3852877.25	9.04E-08	8.93E-08	8.67E-08	3.13E-11	9.45E-11	5.47E-11	5.40E-11	4.90E-11	2.23E-11	2.17E-11	1.05E-12	2.53E-11	5.57E-12	7.33E-12	1.16E-11	2.05E-12	1.14E-11	6.43E-11
3883	497863.09	3852877.25	8.07E-08	7.96E-08	7.73E-08	2.79E-11	8.43E-11	4.88E-11	4.82E-11	4.37E-11	1.99E-11	1.94E-11	9.33E-13	2.25E-11	4.97E-12	6.54E-12	1.04E-11	1.83E-12	1.02E-11	5.73E-11
3884	498363.09	3852877.25	8.69E-08	8.58E-08	8.33E-08	3.01E-11	9.09E-11	5.26E-11	5.19E-11	4.71E-11	2.15E-11	2.09E-11	1.00E-12	2.43E-11	5.36E-12	7.05E-12	1.12E-11	1.97E-12	1.09E-11	6.18E-11
3885	471363.09	3853377.25	6.14E-08	6.06E-08	5.89E-08	2.13E-11	6.42E-11	3.72E-11	3.67E-11	3.33E-11	1.52E-11	1.47E-11	7.10E-13	1.72E-11	3.78E-12	4.98E-12	7.90E-12	1.39E-12	7.73E-12	4.37E-11
3886	471863.09	3853377.25	6.61E-08	6.52E-08	6.34E-08	2.29E-11	6.91E-11	4.00E-11	3.95E-11	3.58E-11	1.63E-11	1.59E-11	7.64E-13	1.85E-11	4.07E-12	5.36E-12	8.50E-12	1.50E-12	8.32E-12	4.70E-11
3887	472363.09	3853377.25	7.08E-08	6.99E-08	6.78E-08	2.45E-11	7.40E-11	4.28E-11	4.23E-11	3.83E-11	1.75E-11	1.70E-11	8.18E-13	1.98E-11	4.36E-12	5.74E-12	9.11E-12	1.60E-12	8.91E-12	5.03E-11
3888	472863.09	3853377.25	7.55E-08	7.45E-08	7.23E-08	2.61E-11	7.89E-11	4.57E-11	4.51E-11	4.09E-11	1.86E-11	1.81E-11	8.72E-13	2.11E-11	4.65E-12	6.12E-12	9.71E-12	1.71E-12	9.50E-12	5.36E-11
3889	473363.09	3853377.25	7.90E-08	7.80E-08	7.57E-08	2.73E-11	8.26E-11	4.78E-11	4.72E-11	4.28E-11	1.95E-11	1.89E-11	9.13E-13	2.21E-11	4.87E-12	6.40E-12	1.02E-11	1.79E-12	9.94E-12	5.61E-11
3890	473863.09	3853377.25	8.26E-08	8.16E-08	7.92E-08	2.86E-11	8.64E-11	5.00E-11	4.93E-11	4.47E-11	2.04E-11	1.98E-11	9.55E-13	2.31E-11	5.09E-12	6.70E-12	1.06E-11	1.87E-12	1.04E-11	5.87E-11
3891	474363.09	3853377.25	8.56E-08	8.45E-08	8.21E-08	2.96E-11	8.95E-11	5.18E-11	5.11E-11	4.64E-11	2.12E-11	2.05E-11	9.90E-13	2.39E-11	5.28E-12	6.94E-12	1.10E-11	1.94E-12	1.08E-11	6.09E-11
3892	474863.09	3853377.25	8.46E-08	8.35E-08	8.11E-08	2.93E-11	8.84E-11	5.12E-11	5.05E-11	4.58E-11	2.09E-11	2.03E-11	9.78E-13	2.36E-11	5.21E-12	6.86E-12	1.09E-11	1.92E-12	1.06E-11	6.01E-11
3893	475363.09	3853377.25	8.41E-08	8.30E-08	8.06E-08	2.91E-11	8.79E-11	5.09E-11	5.02E-11	4.55E-11	2.08E-11	2.02E-11	9.72E-13	2.35E-11	5.18E-12	6.82E-12	1.08E-11	1.91E-12	1.06E-11	5.97E-11
3894	475863.09	3853377.25	8.28E-08	8.17E-08	7.93E-08	2.87E-11	8.65E-11	5.01E-11	4.94E-11	4.48E-11	2.04E-11	1.99E-11	9.57E-13	2.31E-11	5.10E-12	6.71E-12	1.06E-11	1.88E-12	1.04E-11	5.88E-11
3895	476363.09	3853377.25	7.78E-08	7.68E-08	7.46E-08	2.69E-11	8.13E-11	4.71E-11	4.65E-11	4.21E-11	1.92E-11	1.87E-11	9.00E-13	2.17E-11	4.79E-12	6.31E-12	1.00E-11	1.76E-12	9.80E-12	5.53E-11
3896	476863.09	3853377.25	6.96E-08	6.87E-08	6.67E-08	2.41E-11	7.28E-11	4.21E-11	4.16E-11	3.77E-11	1.72E-11	1.67E-11	8.05E-13	1.94E-11	4.29E-12	5.64E-12	8.95E-12	1.58E-12	8.76E-12	4.95E-11
3897	477363.09	3853377.25	6.81E-08	6.72E-08	6.52E-08	2.36E-11	7.11E-11	4.12E-11	4.06E-11	3.68E-11	1.68E-11	1.63E-11	7.87E-13	1.90E-11	4.19E-12	5.52E-12	8.75E-12	1.54E-12	8.57E-12	4.84E-11
3898	477863.09	3853377.25	6.83E-08	6.74E-08	6.55E-08	2.37E-11	7.14E-11	4.13E-11	4.08E-11	3.70E-11	1.69E-11	1.64E-11	7.90E-13	1.91E-11	4.21E-12	5.54E-12	8.79E-12	1.55E-12	8.60E-12	4.86E-11
3899	478363.09	3853377.25	5.99E-08	5.91E-08	5.74E-08	2.07E-11	6.26E-11	3.62E-11	3.57E-11	3.24E-11	1.48E-11	1.44E-11	6.92E-13	1.67E-11	3.69E-12	4.85E-12	7.70E-12	1.36E-12	7.54E-12	4.25E-11
3900	478863.09	3853377.25	4.74E-08	4.68E-08	4.54E-08	1.64E-11	4.95E-11	2.87E-11	2.83E-11	2.56E-11	1.17E-11	1.14E-11	5.48E-13	1.32E-11	2.92E-12	3.84E-12	6.09E-12	1.07E-12	5.96E-12	3.37E-11
3901	479363.09	3853377.25	7.64E-08	7.54E-08	7.32E-08	2.64E-11	7.98E-11	4.62E-11	4.56E-11	4.14E-11	1.89E-11	1.83E-11	8.83E-13	2.13E-11	4.71E-12	6.19E-12	9.83E-12	1.73E-12	9.62E-12	5.43E-11
3902	479863.09	3853377.25	1.05E-07	1.04E-07	1.01E-07	3.64E-11	1.10E-10	6.35E-11	6.27E-11	5.69E-11	2.59E-11	2.52E-11	1.21E-12	2.93E-11	6.47E-12	8.51E-12	1.35E-11	2.38E-12	1.32E-11	7.46E-11
3903	480363.09	3853377.25	1.45E-07	1.43E-07	1.39E-07	5.03E-11	1.52E-10	8.80E-11	8.68E-11	7.87E-11	3.59E-11	3.49E-11	1.68E-12	4.06E-11	8.96E-12	1.18E-11	1.87E-11	3.30E-12	1.83E-11	1.03E-10
3904	480863.09	3853377.25	1.47E-07	1.45E-07	1.41E-07	5.09E-11	1.54E-10	8.91E-11	8.79E-11	7.97E-11	3.64E-11	3.53E-11	1.70E-12	4.11E-11	9.07E-12	1.19E-11	1.89E-11	3.34E-12	1.85E-11	1.05E-10
3905	481363.09	3853377.25	1.74E-07	1.72E-07	1.67E-07	6.04E-11	1.82E-10	1.06E-10	1.04E-10	9.44E-11	4.31E-11	4.18E-11	2.02E-12	4.87E-11	1.07E-11	1.41E-11	2.24E-11	3.95E-12	2.20E-11	1.24E-10
3906	481863.09	3853377.25	1.92E-07	1.89E-07	1.84E-07	6.63E-11	2.00E-10	1.16E-10	1.14E-10	1.04E-10	4.73E-11	4.59E-11	2.21E-12	5.35E-11	1.18E-11	1.55E-11	2.46E-11	4.34E-12	2.41E-11	1.36E-10
3907	482363.09	3853377.25	1.96E-07	1.93E-07	1.87E-07	6.77E-11	2.04E-10	1.18E-10	1.17E-10	1.06E-10	4.83E-11	4.69E-11	2.26E-12	5.46E-11	1.21E-11	1.59E-11	2.52E-11	4.43E-12	2.46E-11	1.39E-10
3908	482863.09	3853377.25	2.05E-07	2.02E-07	1.97E-07	7.10E-11	2.14E-10	1.24E-10	1.22E-10	1.11E-10	5.07E-11	4.92E-11	2.37E-12	5.73E-11	1.26E-11	1.66E-11	2.64E-11	4.65E-12	2.58E-11	1.46E-10
3909	483363.09	3853377.25	2.18E-07	2.15E-07	2.09E-07	7.55E-11	2.28E-10	1.32E-10	1.30E-10	1.18E-10	5.39E-11	5.23E-11	2.52E-12	6.09E-11	1.34E-11	1.77E-11	2.81E-11	4.94E-12	2.75E-11	1.55E-10
3910	483863.09	3853377.25	2.24E-07	2.21E-07	2.14E-07	7.74E-11	2.34E-10	1.35E-10	1.34E-10	1.21E-10	5.52E-11	5.36E-11	2.58E-12	6.24E-11	1.38E-11	1.81E-11	2.88E-11	5.07E-12	2.81E-11	1.59E-10
3911	484363.09	3853377.25	2.19E-07	2.17E-07	2.10E-07	7.60E-11	2.29E-10	1.33E-10	1.31E-10	1.19E-10	5.42E-11	5.26E-11	2.54E-12	6.13E-11	1.35E-11	1.78E-11	2.82E-11	4.97E-12	2.76E-11	1.56E-10
3912	484863.09	3853377.25	1.90E-07	1.87E-07	1.82E-07	6.57E-11	1.98E-10	1.15E-10	1.13E-10	1.03E-10	4.69E-11	4.55E-11	2.19E-12	5.30E-11	1.17E-11	1.54E-11	2.44E-11	4.30E-12	2.39E-11	1.35E-10
3913	485363.09	3853377.25	1.44E-07	1.42E-07	1.38E-07	4.97E-11	1.50E-10	8.69E-11	8.57E-11	7.77E-11	3.55E-11	3.44E-11	1.66E-12	4.01E-11	8.84E-12	1.16E-11	1.85E-11	3.25E-12	1.81E-11	1.02E-10
3914	485863.09	3853377.25	1.05E-07	1.04E-07	1.01E-07	3.63E-11	1.10E-10	6.35E-11	6.26E-11	5.68E-11	2.59E-11	2.52E-11	1.21E-12	2.93E-11	6.46E-12	8.50E-12	1.35E-11	2.38E-12	1.32E-11	7.45E-11
3915	486363.09	3853377.25	1.05E-07	1.04E-07	1.01E-07	3.64E-11	1.10E-10	6.36E-11	6.28E-11	5.69E-11	2.60E-11	2.52E-11	1.22E-12	2.94E-11	6.48E-12	8.53E-12	1.35E-11	2.38E-12	1.32E-11	7.47E-11

3916	486863.09	3853377.25	1.01E-07	9.95E-08	9.67E-08	3.49E-11	1.05E-10	6.10E-11	6.02E-11	5.46E-11	2.49E-11	2.42E-11	1.17E-12	2.82E-11	6.21E-12	8.18E-12	1.30E-11	2.29E-12	1.27E-11	7.17E-11
3917	487363.09	3853377.25	1.05E-07	1.03E-07	1.00E-07	3.63E-11	1.09E-10	6.34E-11	6.26E-11	5.67E-11	2.59E-11	2.51E-11	1.21E-12	2.93E-11	6.45E-12	8.49E-12	1.35E-11	2.37E-12	1.32E-11	7.44E-11
3918	487863.09	3853377.25	1.03E-07	1.02E-07	9.89E-08	3.57E-11	1.08E-10	6.24E-11	6.16E-11	5.59E-11	2.55E-11	2.48E-11	1.19E-12	2.88E-11	6.36E-12	8.37E-12	1.33E-11	2.34E-12	1.30E-11	7.33E-11
3919	488363.09	3853377.25	1.10E-07	1.08E-07	1.05E-07	3.80E-11	1.15E-10	6.64E-11	6.55E-11	5.94E-11	2.71E-11	2.63E-11	1.27E-12	3.06E-11	6.76E-12	8.89E-12	1.41E-11	2.49E-12	1.38E-11	7.80E-11
3920	488863.09	3853377.25	1.01E-07	9.97E-08	9.68E-08	3.50E-11	1.06E-10	6.11E-11	6.03E-11	5.47E-11	2.49E-11	2.42E-11	1.17E-12	2.82E-11	6.22E-12	8.19E-12	1.30E-11	2.29E-12	1.27E-11	7.18E-11
3921	489363.09	3853377.25	9.25E-08	9.13E-08	8.87E-08	3.20E-11	9.67E-11	5.60E-11	5.53E-11	5.01E-11	2.29E-11	2.22E-11	1.07E-12	2.58E-11	5.70E-12	7.50E-12	1.19E-11	2.10E-12	1.16E-11	6.58E-11
3922	489863.09	3853377.25	8.28E-08	8.17E-08	7.93E-08	2.87E-11	8.65E-11	5.01E-11	4.94E-11	4.48E-11	2.04E-11	1.99E-11	9.57E-13	2.31E-11	5.10E-12	6.71E-12	1.06E-11	1.88E-12	1.04E-11	5.88E-11
3923	490363.09	3853377.25	8.43E-08	8.32E-08	8.08E-08	2.92E-11	8.81E-11	5.10E-11	5.04E-11	4.56E-11	2.08E-11	2.02E-11	9.75E-13	2.35E-11	5.20E-12	6.84E-12	1.08E-11	1.91E-12	1.06E-11	5.99E-11
3924	490863.09	3853377.25	8.69E-08	8.58E-08	8.33E-08	3.01E-11	9.09E-11	5.26E-11	5.19E-11	4.71E-11	2.15E-11	2.09E-11	1.00E-12	2.43E-11	5.36E-12	7.05E-12	1.12E-11	1.97E-12	1.09E-11	6.18E-11
3925	491363.09	3853377.25	8.69E-08	8.58E-08	8.33E-08	3.01E-11	9.09E-11	5.26E-11	5.19E-11	4.71E-11	2.15E-11	2.09E-11	1.00E-12	2.43E-11	5.36E-12	7.05E-12	1.12E-11	1.97E-12	1.09E-11	6.18E-11
3926	491863.09	3853377.25	8.47E-08	8.36E-08	8.12E-08	2.93E-11	8.85E-11	5.13E-11	5.06E-11	4.59E-11	2.09E-11	2.03E-11	9.79E-13	2.37E-11	5.22E-12	6.87E-12	1.09E-11	1.92E-12	1.07E-11	6.02E-11
3927	492363.09	3853377.25	8.99E-08	8.87E-08	8.62E-08	3.11E-11	9.40E-11	5.44E-11	5.37E-11	4.87E-11	2.22E-11	2.16E-11	1.04E-12	2.51E-11	5.54E-12	7.29E-12	1.16E-11	2.04E-12	1.13E-11	6.39E-11
3928	492863.09	3853377.25	1.03E-07	1.01E-07	9.83E-08	3.55E-11	1.07E-10	6.20E-11	6.12E-11	5.55E-11	2.53E-11	2.46E-11	1.19E-12	2.86E-11	6.32E-12	8.31E-12	1.32E-11	2.32E-12	1.29E-11	7.29E-11
3929	493363.09	3853377.25	1.04E-07	1.02E-07	9.93E-08	3.59E-11	1.08E-10	6.27E-11	6.19E-11	5.61E-11	2.56E-11	2.48E-11	1.20E-12	2.89E-11	6.38E-12	8.40E-12	1.33E-11	2.35E-12	1.30E-11	7.36E-11
3930	493863.09	3853377.25	1.11E-07	1.10E-07	1.07E-07	3.85E-11	1.16E-10	6.72E-11	6.64E-11	6.02E-11	2.75E-11	2.67E-11	1.28E-12	3.10E-11	6.85E-12	9.01E-12	1.43E-11	2.52E-12	1.40E-11	7.90E-11
3931	494363.09	3853377.25	1.13E-07	1.12E-07	1.08E-07	3.91E-11	1.18E-10	6.84E-11	6.75E-11	6.12E-11	2.79E-11	2.71E-11	1.31E-12	3.16E-11	6.97E-12	9.17E-12	1.45E-11	2.56E-12	1.42E-11	8.04E-11
3932	494863.09	3853377.25	1.17E-07	1.15E-07	1.12E-07	4.05E-11	1.22E-10	7.08E-11	6.99E-11	6.33E-11	2.89E-11	2.81E-11	1.35E-12	3.27E-11	7.21E-12	9.49E-12	1.50E-11	2.65E-12	1.47E-11	8.31E-11
3933	495363.09	3853377.25	1.19E-07	1.17E-07	1.14E-07	4.12E-11	1.24E-10	7.20E-11	7.10E-11	6.44E-11	2.94E-11	2.85E-11	1.37E-12	3.32E-11	7.33E-12	9.64E-12	1.53E-11	2.70E-12	1.50E-11	8.45E-11
3934	495863.09	3853377.25	1.19E-07	1.17E-07	1.14E-07	4.11E-11	1.24E-10	7.18E-11	7.09E-11	6.42E-11	2.93E-11	2.85E-11	1.37E-12	3.31E-11	7.31E-12	9.62E-12	1.53E-11	2.69E-12	1.49E-11	8.43E-11
3935	496363.09	3853377.25	1.18E-07	1.16E-07	1.13E-07	4.07E-11	1.23E-10	7.11E-11	7.02E-11	6.36E-11	2.90E-11	2.82E-11	1.36E-12	3.28E-11	7.24E-12	9.53E-12	1.51E-11	2.66E-12	1.48E-11	8.35E-11
3936	496863.09	3853377.25	1.15E-07	1.13E-07	1.10E-07	3.96E-11	1.20E-10	6.93E-11	6.84E-11	6.20E-11	2.83E-11	2.75E-11	1.32E-12	3.20E-11	7.06E-12	9.29E-12	1.47E-11	2.60E-12	1.44E-11	8.14E-11
3937	497363.09	3853377.25	1.12E-07	1.10E-07	1.07E-07	3.87E-11	1.17E-10	6.76E-11	6.68E-11	6.05E-11	2.76E-11	2.68E-11	1.29E-12	3.12E-11	6.89E-12	9.06E-12	1.44E-11	2.53E-12	1.41E-11	7.94E-11
3938	497863.09	3853377.25	9.30E-08	9.18E-08	8.92E-08	3.22E-11	9.73E-11	5.63E-11	5.56E-11	5.04E-11	2.30E-11	2.23E-11	1.08E-12	2.60E-11	5.73E-12	7.54E-12	1.20E-11	2.11E-12	1.17E-11	6.61E-11
3939	498363.09	3853377.25	8.77E-08	8.66E-08	8.41E-08	3.04E-11	9.17E-11	5.31E-11	5.24E-11	4.75E-11	2.17E-11	2.10E-11	1.01E-12	2.45E-11	5.40E-12	7.11E-12	1.13E-11	1.99E-12	1.10E-11	6.23E-11
3940	471363.09	3853877.25	6.36E-08	6.28E-08	6.10E-08	2.20E-11	6.65E-11	3.85E-11	3.80E-11	3.44E-11	1.57E-11	1.53E-11	7.36E-13	1.78E-11	3.92E-12	5.16E-12	8.18E-12	1.44E-12	8.01E-12	4.52E-11
3941	471863.09	3853877.25	6.79E-08	6.70E-08	6.51E-08	2.35E-11	7.10E-11	4.11E-11	4.06E-11	3.68E-11	1.68E-11	1.63E-11	7.85E-13	1.90E-11	4.19E-12	5.51E-12	8.74E-12	1.54E-12	8.55E-12	4.83E-11
3942	472363.09	3853877.25	7.07E-08	6.97E-08	6.77E-08	2.45E-11	7.39E-11	4.28E-11	4.22E-11	3.83E-11	1.75E-11	1.69E-11	8.17E-13	1.97E-11	4.35E-12	5.73E-12	9.09E-12	1.60E-12	8.90E-12	5.02E-11
3943	472863.09	3853877.25	7.46E-08	7.36E-08	7.15E-08	2.58E-11	7.79E-11	4.51E-11	4.45E-11	4.04E-11	1.84E-11	1.79E-11	8.62E-13	2.08E-11	4.59E-12	6.05E-12	9.59E-12	1.69E-12	9.39E-12	5.30E-11
3944	473363.09	3853877.25	7.77E-08	7.67E-08	7.45E-08	2.69E-11	8.12E-11	4.70E-11	4.64E-11	4.21E-11	1.92E-11	1.86E-11	8.98E-13	2.17E-11	4.79E-12	6.30E-12	9.99E-12	1.76E-12	9.78E-12	5.52E-11
3945	473863.09	3853877.25	8.12E-08	8.01E-08	7.78E-08	2.81E-11	8.49E-11	4.91E-11	4.85E-11	4.40E-11	2.01E-11	1.95E-11	9.39E-13	2.27E-11	5.00E-12	6.58E-12	1.04E-11	1.84E-12	1.02E-11	5.77E-11
3946	474363.09	3853877.25	8.56E-08	8.45E-08	8.21E-08	2.96E-11	8.95E-11	5.18E-11	5.11E-11	4.64E-11	2.12E-11	2.05E-11	9.90E-13	2.39E-11	5.28E-12	6.94E-12	1.10E-11	1.94E-12	1.08E-11	6.09E-11
3947	474863.09	3853877.25	8.89E-08	8.77E-08	8.52E-08	3.08E-11	9.29E-11	5.38E-11	5.31E-11	4.81E-11	2.20E-11	2.13E-11	1.03E-12	2.48E-11	5.48E-12	7.21E-12	1.14E-11	2.01E-12	1.12E-11	6.32E-11
3948	475363.09	3853877.25	8.77E-08	8.66E-08	8.41E-08	3.04E-11	9.17E-11	5.31E-11	5.24E-11	4.75E-11	2.17E-11	2.10E-11	1.01E-12	2.45E-11	5.40E-12	7.11E-12	1.13E-11	1.99E-12	1.10E-11	6.23E-11
3949	475863.09	3853877.25	7.95E-08	7.85E-08	7.62E-08	2.75E-11	8.31E-11	4.81E-11	4.75E-11	4.30E-11	1.96E-11	1.91E-11	9.19E-13	2.22E-11	4.90E-12	6.45E-12	1.02E-11	1.80E-12	1.00E-11	5.65E-11
3950	476363.09	3853877.25	6.95E-08	6.86E-08	6.66E-08	2.41E-11	7.26E-11	4.20E-11	4.15E-11	3.76E-11	1.72E-11	1.67E-11	8.03E-13	1.94E-11	4.28E-12	5.63E-12	8.94E-12	1.58E-12	8.75E-12	4.94E-11
3951	476863.09	3853877.25	5.63E-08	5.56E-08	5.40E-08	1.95E-11	5.89E-11	3.41E-11	3.36E-11	3.05E-11	1.39E-11	1.35E-11	6.51E-13	1.57E-11	3.47E-12	4.57E-12	7.25E-12	1.28E-12	7.09E-12	4.00E-11
3952	477363.09	3853877.25	5.91E-08	5.83E-08	5.66E-08	2.05E-11	6.18E-11	3.57E-11	3.53E-11	3.20E-11	1.46E-11	1.42E-11	6.83E-13	1.65E-11	3.64E-12	4.79E-12	7.60E-12	1.34E-12	7.44E-12	4.20E-11
3953	477863.09	3853877.25	6.43E-08	6.34E-08	6.16E-08	2.23E-11	6.72E-11	3.89E-11	3.84E-11	3.48E-11	1.59E-11	1.54E-11	7.43E-13	1.79E-11	3.96E-12	5.21E-12	8.27E-12	1.46E-12	8.09E-12	4.57E-11
3954	478363.09	3853877.25	6.58E-08	6.50E-08	6.31E-08	2.28E-11	6.88E-11	3.98E-11	3.93E-11	3.56E-11	1.63E-11	1.58E-11	7.61E-13	1.84E-11	4.06E-12	5.34E-12	8.47E-12	1.49E-12	8.29E-12	4.68E-11
3955	478863.09	3853877.25	4.75E-08	4.69E-08	4.55E-08	1.64E-11	4.96E-11	2.87E-11	2.84E-11	2.57E-11	1.17E-11	1.14E-11	5.49E-13	1.33E-11	2.93E-12	3.85E-12	6.11E-12	1.08E-12	5.98E-12	3.38E-11
3956	479363.09	3853877.25	6.26E-08	6.18E-08	6.00E-08	2.17E-11	6.54E-11	3.79E-11	3.74E-11	3.39E-11	1.55E-11	1.50E-11	7.24E-13	1.75E-11	3.86E-12	5.08E-12	8.05E-12	1.42E-12	7.88E-12	4.45E-11
3957	479863.09	3853877.25	1.02E-07	1.00E-07	9.74E-08	3.52E-11	1.06E-10	6.15E-11	6.07E-11	5.50E-11	2.51E-11	2.44E-11	1.17E-12	2.84E-11	6.26E-12	8.24E-12	1.31E-11	2.30E-12	1.28E-11	7.22E-11
3958	480363.09	3853877.25	1.32E-07	1.30E-07	1.26E-07	4.56E-11	1.38E-10	7.97E-11	7.86E-11	7.13E-11	3.25E-11	3.16E-11	1.52E-12	3.68E-11	8.11E-12	1.07E-11	1.69E-11	2.99E-12	1.66E-11	9.36E-11
3959	480863.09	3853877.25	1.69E-07	1.67E-07	1.62E-07	5.86E-11	1.77E-10	1.02E-10	1.01E-10	9.17E-11	4.18E-11	4.06E-11	1.96E-12	4.73E-11	1.04E-11	1.37E-11	2.18E-11	3.84E-12	2.13E-11	1.20E-10
3960	481363.09	3853877.25	1.91E-07	1.88E-07	1.83E-07	6.60E-11	1.99E-10	1.15E-10	1.14E-10	1.03E-10	4.71E-11	4.58E-11	2.21E-12	5.33E-11	1.18E-11	1.55E-11	2.45E-11	4.32E-12	2.40E-11	1.36E-10
3961	481863.09	3853877.25	2.13E-07	2.10E-07	2.04E-07	7.36E-11	2.22E-10	1.29E-10	1.27E-10	1.15E-10	5.25E-11	5.10E-11	2.46E-12	5.93E-11	1.31E-11	1.72E-11	2.73E-11	4.82E-12	2.68E-11	1.51E-10
3962	482363.09	3853877.25	2.22E-07	2.19E-07	2.12E-07	7.67E-11	2.32E-10	1.34E-10	1.32E-10	1.20E-10	5.47E-11	5.32E-11	2.56E-12	6.19E-11	1.37E-11	1.80E-11	2.85E-11	5.02E-12	2.79E-11	1.57E-10
3963	482863.09	3853877.25	2.22E-07	2.19E-07	2.13E-07	7.70E-11	2.32E-10	1.35E-10	1.33E-10	1.20E-10	5.49E-11	5.33E-11	2.57E-12	6.21E-11	1.37E-11	1.80E-11	2.86E-11	5.04E-12	2.80E-11	1.58E-10
3964	483363.09	3853877.25	2.23E-07	2.20E-07	2.14E-07	7.72E-11	2.33E-10	1.35E-10	1.33E-10	1.21E-10	5.51E-11	5.35E-11	2.58E-12	6.23E-11	1.37E-11	1.81E-11	2.87E-11	5.06E-12	2.81E-11	1.59E-10
3965	483863.09	3853877.25	2.50E-07	2.46E-07	2.39E-07	8.64E-11	2.61E-10	1.51E-10	1.49E-10	1.35E-10	6.17E-11	5.99E-11	2.89E-12	6.97E-11	1.54E-11	2.02E-11	3.21E-11	5.66E-12	3.14E-11	1.77E-10
3966	484363.09	3853877.25	2.42E-07	2.39E-07	2.32E-07	8.39E-11	2.53E-10	1.47E-10	1.45E-10	1.31E-10	5.99E-11	5.82E-11	2.80E-12	6.77E-11	1.49E-11	1.97E-11	3.12E-11	5.50E-12	3.05E-11	1.72E-10
3967	484863.09	3853877.25	1.92E-07	1.90E-07	1.84E-07	6.66E-11	2.01E-10	1.16E-10	1.15E-10	1.04E-10	4.75E-11	4.61E-11	2.22E-12	5.37E-11	1.19E-11	1.56E-11	2.47E-11	4.36E-12	2.42E-11	1.37E-10
3968	485363.09	3853877.25	1.35E-07	1.33E-07	1.30E-07	4.68E-11	1.41E-10	8.18E-11	8.07E-11	7.32E-11	3.34E-11	3.24E-11	1.56E-12	3.78E-11	8.33E-12	1.10E-11	1.74E-11	3.06E-12	1.70E-11	9.61E-11

3969	485863.09	3853877.25	1.46E-07	1.44E-07	1.40E-07	5.07E-11	1.53E-10	8.86E-11	8.74E-11	7.93E-11	3.62E-11	3.51E-11	1.69E-12	4.09E-11	9.02E-12	1.19E-11	1.88E-11	3.32E-12	1.84E-11	1.04E-10
3970	486363.09	3853877.25	1.41E-07	1.39E-07	1.35E-07	4.87E-11	1.47E-10	8.52E-11	8.41E-11	7.62E-11	3.48E-11	3.38E-11	1.63E-12	3.93E-11	8.68E-12	1.14E-11	1.81E-11	3.19E-12	1.77E-11	1.00E-10
3971	486863.09	3853877.25	1.27E-07	1.25E-07	1.22E-07	4.40E-11	1.33E-10	7.69E-11	7.59E-11	6.88E-11	3.14E-11	3.05E-11	1.47E-12	3.55E-11	7.83E-12	1.03E-11	1.64E-11	2.88E-12	1.60E-11	9.04E-11
3972	487363.09	3853877.25	1.31E-07	1.29E-07	1.26E-07	4.54E-11	1.37E-10	7.94E-11	7.83E-11	7.10E-11	3.24E-11	3.15E-11	1.52E-12	3.66E-11	8.08E-12	1.06E-11	1.69E-11	2.97E-12	1.65E-11	9.32E-11
3973	487863.09	3853877.25	1.48E-07	1.46E-07	1.42E-07	5.14E-11	1.55E-10	8.98E-11	8.86E-11	8.03E-11	3.66E-11	3.56E-11	1.71E-12	4.14E-11	9.14E-12	1.20E-11	1.91E-11	3.36E-12	1.87E-11	1.05E-10
3974	488363.09	3853877.25	1.53E-07	1.51E-07	1.47E-07	5.31E-11	1.60E-10	9.28E-11	9.15E-11	8.30E-11	3.79E-11	3.68E-11	1.77E-12	4.28E-11	9.45E-12	1.24E-11	1.97E-11	3.48E-12	1.93E-11	1.09E-10
3975	488863.09	3853877.25	1.62E-07	1.60E-07	1.55E-07	5.61E-11	1.69E-10	9.81E-11	9.68E-11	8.78E-11	4.01E-11	3.89E-11	1.87E-12	4.53E-11	9.99E-12	1.31E-11	2.09E-11	3.68E-12	2.04E-11	1.15E-10
3976	489363.09	3853877.25	1.47E-07	1.45E-07	1.41E-07	5.09E-11	1.54E-10	8.91E-11	8.79E-11	7.97E-11	3.64E-11	3.53E-11	1.70E-12	4.11E-11	9.07E-12	1.19E-11	1.89E-11	3.34E-12	1.85E-11	1.05E-10
3977	489863.09	3853877.25	1.38E-07	1.36E-07	1.32E-07	4.77E-11	1.44E-10	8.34E-11	8.23E-11	7.46E-11	3.40E-11	3.31E-11	1.59E-12	3.85E-11	8.49E-12	1.12E-11	1.77E-11	3.12E-12	1.73E-11	9.79E-11
3978	490363.09	3853877.25	1.28E-07	1.27E-07	1.23E-07	4.45E-11	1.34E-10	7.77E-11	7.67E-11	6.95E-11	3.17E-11	3.08E-11	1.48E-12	3.59E-11	7.91E-12	1.04E-11	1.65E-11	2.91E-12	1.62E-11	9.13E-11
3979	490863.09	3853877.25	1.26E-07	1.25E-07	1.21E-07	4.37E-11	1.32E-10	7.65E-11	7.55E-11	6.84E-11	3.12E-11	3.03E-11	1.46E-12	3.53E-11	7.79E-12	1.02E-11	1.63E-11	2.86E-12	1.59E-11	8.98E-11
3980	491363.09	3853877.25	1.27E-07	1.25E-07	1.21E-07	4.39E-11	1.32E-10	7.67E-11	7.57E-11	6.86E-11	3.13E-11	3.04E-11	1.47E-12	3.54E-11	7.81E-12	1.03E-11	1.63E-11	2.87E-12	1.60E-11	9.01E-11
3981	491863.09	3853877.25	1.25E-07	1.24E-07	1.20E-07	4.34E-11	1.31E-10	7.58E-11	7.48E-11	6.78E-11	3.10E-11	3.01E-11	1.45E-12	3.50E-11	7.72E-12	1.02E-11	1.61E-11	2.84E-12	1.58E-11	8.91E-11
3982	492363.09	3853877.25	1.33E-07	1.31E-07	1.27E-07	4.60E-11	1.39E-10	8.04E-11	7.93E-11	7.19E-11	3.28E-11	3.19E-11	1.54E-12	3.71E-11	8.19E-12	1.08E-11	1.71E-11	3.01E-12	1.67E-11	9.44E-11
3983	492863.09	3853877.25	1.48E-07	1.46E-07	1.42E-07	5.14E-11	1.55E-10	8.98E-11	8.86E-11	8.03E-11	3.66E-11	3.56E-11	1.71E-12	4.14E-11	9.14E-12	1.20E-11	1.91E-11	3.36E-12	1.87E-11	1.05E-10
3984	493363.09	3853877.25	1.54E-07	1.52E-07	1.47E-07	5.32E-11	1.61E-10	9.29E-11	9.17E-11	8.31E-11	3.79E-11	3.68E-11	1.78E-12	4.29E-11	9.46E-12	1.25E-11	1.98E-11	3.48E-12	1.93E-11	1.09E-10
3985	493863.09	3853877.25	1.48E-07	1.46E-07	1.42E-07	5.12E-11	1.55E-10	8.95E-11	8.84E-11	8.01E-11	3.65E-11	3.55E-11	1.71E-12	4.13E-11	9.12E-12	1.20E-11	1.90E-11	3.35E-12	1.86E-11	1.05E-10
3986	494363.09	3853877.25	1.66E-07	1.64E-07	1.59E-07	5.75E-11	1.74E-10	1.00E-10	9.92E-11	8.99E-11	4.10E-11	3.98E-11	1.92E-12	4.64E-11	1.02E-11	1.35E-11	2.14E-11	3.76E-12	2.09E-11	1.18E-10
3987	494863.09	3853877.25	1.66E-07	1.63E-07	1.59E-07	5.73E-11	1.73E-10	1.00E-10	9.89E-11	8.96E-11	4.09E-11	3.97E-11	1.91E-12	4.62E-11	1.02E-11	1.34E-11	2.13E-11	3.75E-12	2.08E-11	1.18E-10
3988	495363.09	3853877.25	1.45E-07	1.43E-07	1.39E-07	5.02E-11	1.52E-10	8.77E-11	8.66E-11	7.85E-11	3.58E-11	3.48E-11	1.68E-12	4.05E-11	8.93E-12	1.18E-11	1.86E-11	3.29E-12	1.82E-11	1.03E-10
3989	495863.09	3853877.25	1.38E-07	1.37E-07	1.33E-07	4.79E-11	1.45E-10	8.38E-11	8.27E-11	7.50E-11	3.42E-11	3.32E-11	1.60E-12	3.87E-11	8.53E-12	1.12E-11	1.78E-11	3.14E-12	1.74E-11	9.84E-11
3990	496363.09	3853877.25	1.46E-07	1.44E-07	1.40E-07	5.05E-11	1.52E-10	8.82E-11	8.70E-11	7.89E-11	3.60E-11	3.50E-11	1.68E-12	4.07E-11	8.98E-12	1.18E-11	1.87E-11	3.30E-12	1.83E-11	1.04E-10
3991	496863.09	3853877.25	1.47E-07	1.45E-07	1.40E-07	5.07E-11	1.53E-10	8.87E-11	8.75E-11	7.93E-11	3.62E-11	3.51E-11	1.69E-12	4.09E-11	9.03E-12	1.19E-11	1.88E-11	3.32E-12	1.84E-11	1.04E-10
3992	497363.09	3853877.25	1.46E-07	1.44E-07	1.40E-07	5.06E-11	1.53E-10	8.85E-11	8.73E-11	7.92E-11	3.61E-11	3.51E-11	1.69E-12	4.08E-11	9.01E-12	1.19E-11	1.88E-11	3.32E-12	1.84E-11	1.04E-10
3993	497863.09	3853877.25	1.35E-07	1.33E-07	1.29E-07	4.66E-11	1.41E-10	8.15E-11	8.04E-11	7.29E-11	3.33E-11	3.23E-11	1.56E-12	3.76E-11	8.30E-12	1.09E-11	1.73E-11	3.05E-12	1.70E-11	9.57E-11
3994	498363.09	3853877.25	1.31E-07	1.29E-07	1.26E-07	4.54E-11	1.37E-10	7.93E-11	7.83E-11	7.09E-11	3.24E-11	3.14E-11	1.51E-12	3.66E-11	8.07E-12	1.06E-11	1.69E-11	2.97E-12	1.65E-11	9.31E-11
3995	471363.09	3854377.25	6.83E-08	6.74E-08	6.55E-08	2.37E-11	7.14E-11	4.13E-11	4.08E-11	3.70E-11	1.69E-11	1.64E-11	7.90E-13	1.91E-11	4.21E-12	5.54E-12	8.79E-12	1.55E-12	8.60E-12	4.86E-11
3996	471863.09	3854377.25	7.26E-08	7.17E-08	6.96E-08	2.51E-11	7.59E-11	4.39E-11	4.34E-11	3.93E-11	1.79E-11	1.74E-11	8.39E-13	2.03E-11	4.47E-12	5.89E-12	9.34E-12	1.65E-12	9.14E-12	5.16E-11
3997	472363.09	3854377.25	7.53E-08	7.44E-08	7.22E-08	2.61E-11	7.88E-11	4.56E-11	4.50E-11	4.08E-11	1.86E-11	1.81E-11	8.71E-13	2.10E-11	4.64E-12	6.11E-12	9.69E-12	1.71E-12	9.49E-12	5.35E-11
3998	472863.09	3854377.25	7.73E-08	7.63E-08	7.41E-08	2.68E-11	8.08E-11	4.68E-11	4.62E-11	4.18E-11	1.91E-11	1.85E-11	8.94E-13	2.16E-11	4.76E-12	6.27E-12	9.94E-12	1.75E-12	9.73E-12	5.49E-11
3999	473363.09	3854377.25	8.03E-08	7.92E-08	7.70E-08	2.78E-11	8.39E-11	4.86E-11	4.79E-11	4.35E-11	1.98E-11	1.93E-11	9.28E-13	2.24E-11	4.95E-12	6.51E-12	1.03E-11	1.82E-12	1.01E-11	5.71E-11
4000	473863.09	3854377.25	8.42E-08	8.31E-08	8.07E-08	2.91E-11	8.80E-11	5.09E-11	5.03E-11	4.56E-11	2.08E-11	2.02E-11	9.73E-13	2.35E-11	5.19E-12	6.83E-12	1.08E-11	1.91E-12	1.06E-11	5.98E-11
4001	474363.09	3854377.25	8.81E-08	8.70E-08	8.44E-08	3.05E-11	9.21E-11	5.33E-11	5.26E-11	4.77E-11	2.18E-11	2.11E-11	1.02E-12	2.46E-11	5.43E-12	7.14E-12	1.13E-11	2.00E-12	1.11E-11	6.26E-11
4002	474863.09	3854377.25	8.71E-08	8.59E-08	8.34E-08	3.01E-11	9.10E-11	5.27E-11	5.20E-11	4.71E-11	2.15E-11	2.09E-11	1.01E-12	2.43E-11	5.36E-12	7.06E-12	1.12E-11	1.97E-12	1.10E-11	6.19E-11
4003	475363.09	3854377.25	8.07E-08	7.96E-08	7.73E-08	2.79E-11	8.43E-11	4.88E-11	4.82E-11	4.37E-11	1.99E-11	1.94E-11	9.33E-13	2.25E-11	4.97E-12	6.54E-12	1.04E-11	1.83E-12	1.02E-11	5.73E-11
4004	475863.09	3854377.25	6.22E-08	6.14E-08	5.96E-08	2.15E-11	6.50E-11	3.76E-11	3.71E-11	3.37E-11	1.54E-11	1.49E-11	7.19E-13	1.74E-11	3.83E-12	5.04E-12	8.00E-12	1.41E-12	7.83E-12	4.42E-11
4005	476363.09	3854377.25	5.67E-08	5.60E-08	5.44E-08	1.96E-11	5.93E-11	3.43E-11	3.39E-11	3.07E-11	1.40E-11	1.36E-11	6.56E-13	1.58E-11	3.50E-12	4.60E-12	7.30E-12	1.29E-12	7.14E-12	4.03E-11
4006	476863.09	3854377.25	5.45E-08	5.38E-08	5.23E-08	1.89E-11	5.70E-11	3.30E-11	3.26E-11	2.95E-11	1.35E-11	1.31E-11	6.30E-13	1.52E-11	3.36E-12	4.42E-12	7.01E-12	1.24E-12	6.86E-12	3.87E-11
4007	477363.09	3854377.25	5.32E-08	5.25E-08	5.10E-08	1.84E-11	5.56E-11	3.22E-11	3.18E-11	2.88E-11	1.31E-11	1.28E-11	6.15E-13	1.49E-11	3.28E-12	4.32E-12	6.85E-12	1.21E-12	6.70E-12	3.78E-11
4008	477863.09	3854377.25	5.28E-08	5.21E-08	5.06E-08	1.83E-11	5.52E-11	3.20E-11	3.16E-11	2.86E-11	1.31E-11	1.27E-11	6.11E-13	1.48E-11	3.26E-12	4.28E-12	6.80E-12	1.20E-12	6.65E-12	3.75E-11
4009	478363.09	3854377.25	5.93E-08	5.86E-08	5.69E-08	2.05E-11	6.20E-11	3.59E-11	3.54E-11	3.21E-11	1.47E-11	1.42E-11	6.86E-13	1.66E-11	3.66E-12	4.81E-12	7.63E-12	1.35E-12	7.47E-12	4.22E-11
4010	478863.09	3854377.25	6.18E-08	6.10E-08	5.92E-08	2.14E-11	6.46E-11	3.74E-11	3.69E-11	3.35E-11	1.53E-11	1.48E-11	7.15E-13	1.73E-11	3.81E-12	5.01E-12	7.95E-12	1.40E-12	7.78E-12	4.39E-11
4011	479363.09	3854377.25	8.72E-08	8.61E-08	8.36E-08	3.02E-11	9.11E-11	5.28E-11	5.21E-11	4.72E-11	2.15E-11	2.09E-11	1.01E-12	2.43E-11	5.37E-12	7.07E-12	1.12E-11	1.98E-12	1.10E-11	6.20E-11
4012	479863.09	3854377.25	1.04E-07	1.03E-07	1.00E-07	3.61E-11	1.09E-10	6.31E-11	6.23E-11	5.65E-11	2.58E-11	2.50E-11	1.21E-12	2.91E-11	6.43E-12	8.46E-12	1.34E-11	2.37E-12	1.31E-11	7.42E-11
4013	480363.09	3854377.25	1.28E-07	1.27E-07	1.23E-07	4.44E-11	1.34E-10	7.76E-11	7.66E-11	6.95E-11	3.17E-11	3.08E-11	1.48E-12	3.58E-11	7.91E-12	1.04E-11	1.65E-11	2.91E-12	1.62E-11	9.12E-11
4014	480863.09	3854377.25	1.64E-07	1.62E-07	1.58E-07	5.69E-11	1.72E-10	9.95E-11	9.82E-11	8.90E-11	4.06E-11	3.95E-11	1.90E-12	4.59E-11	1.01E-11	1.33E-11	2.12E-11	3.73E-12	2.07E-11	1.17E-10
4015	481363.09	3854377.25	1.99E-07	1.97E-07	1.91E-07	6.90E-11	2.08E-10	1.21E-10	1.19E-10	1.08E-10	4.92E-11	4.78E-11	2.30E-12	5.57E-11	1.23E-11	1.62E-11	2.56E-11	4.52E-12	2.51E-11	1.42E-10
4016	481863.09	3854377.25	2.33E-07	2.30E-07	2.24E-07	8.07E-11	2.44E-10	1.41E-10	1.39E-10	1.26E-10	5.76E-11	5.59E-11	2.70E-12	6.51E-11	1.44E-11	1.89E-11	3.00E-11	5.29E-12	2.94E-11	1.66E-10
4017	482363.09	3854377.25	2.46E-07	2.43E-07	2.36E-07	8.53E-11	2.58E-10	1.49E-10	1.47E-10	1.33E-10	6.09E-11	5.91E-11	2.85E-12	6.88E-11	1.52E-11	2.00E-11	3.17E-11	5.59E-12	3.10E-11	1.75E-10
4018	482863.09	3854377.25	2.53E-07	2.50E-07	2.42E-07	8.75E-11	2.64E-10	1.53E-10	1.51E-10	1.37E-10	6.25E-11	6.06E-11	2.92E-12	7.06E-11	1.56E-11	2.05E-11	3.25E-11	5.73E-12	3.18E-11	1.80E-10
4019	483363.09	3854377.25	2.54E-07	2.51E-07	2.43E-07	8.79E-11	2.66E-10	1.54E-10	1.52E-10	1.38E-10	6.27E-11	6.09E-11	2.94E-12	7.09E-11	1.57E-11	2.06E-11	3.27E-11	5.76E-12	3.20E-11	1.81E-10
4020	483863.09	3854377.25	2.39E-07	2.36E-07	2.29E-07	8.28E-11	2.50E-10	1.45E-10	1.43E-10	1.29E-10	5.90E-11	5.73E-11	2.76E-12	6.67E-11	1.47E-11	1.94E-11	3.07E-11	5.42E-12	3.01E-11	1.70E-10
4021	484363.09	3854377.25	2.23E-07	2.21E-07	2.14E-07	7.73E-11	2.34E-10	1.35E-10	1.33E-10	1.21E-10	5.52E-11	5.36E-11	2.58E-12	6.24E-11	1.38E-11	1.81E-11	2.87E-11	5.07E-12	2.81E-11	1.59E-10

4022	484863.09	3854377.25	1.83E-07	1.81E-07	1.76E-07	6.34E-11	1.92E-10	1.11E-10	1.09E-10	9.92E-11	4.53E-11	4.39E-11	2.12E-12	5.12E-11	1.13E-11	1.49E-11	2.36E-11	4.15E-12	2.31E-11	1.30E-10
4023	485363.09	3854377.25	2.04E-07	2.02E-07	1.96E-07	7.07E-11	2.14E-10	1.24E-10	1.22E-10	1.11E-10	5.05E-11	4.90E-11	2.36E-12	5.70E-11	1.26E-11	1.66E-11	2.63E-11	4.63E-12	2.57E-11	1.45E-10
4024	485863.09	3854377.25	1.70E-07	1.68E-07	1.63E-07	5.88E-11	1.78E-10	1.03E-10	1.01E-10	9.20E-11	4.20E-11	4.08E-11	1.96E-12	4.75E-11	1.05E-11	1.38E-11	2.19E-11	3.85E-12	2.14E-11	1.21E-10
4025	486363.09	3854377.25	1.82E-07	1.80E-07	1.75E-07	6.31E-11	1.91E-10	1.10E-10	1.09E-10	9.87E-11	4.50E-11	4.37E-11	2.11E-12	5.09E-11	1.12E-11	1.48E-11	2.35E-11	4.13E-12	2.30E-11	1.30E-10
4026	486863.09	3854377.25	1.74E-07	1.72E-07	1.67E-07	6.04E-11	1.82E-10	1.06E-10	1.04E-10	9.44E-11	4.31E-11	4.18E-11	2.02E-12	4.87E-11	1.07E-11	1.41E-11	2.24E-11	3.95E-12	2.20E-11	1.24E-10
4027	487363.09	3854377.25	1.85E-07	1.83E-07	1.77E-07	6.41E-11	1.94E-10	1.12E-10	1.11E-10	1.00E-10	4.57E-11	4.44E-11	2.14E-12	5.17E-11	1.14E-11	1.50E-11	2.38E-11	4.20E-12	2.33E-11	1.32E-10
4028	487863.09	3854377.25	2.09E-07	2.06E-07	2.00E-07	7.23E-11	2.18E-10	1.26E-10	1.25E-10	1.13E-10	5.16E-11	5.01E-11	2.41E-12	5.83E-11	1.29E-11	1.69E-11	2.69E-11	4.73E-12	2.63E-11	1.48E-10
4029	488363.09	3854377.25	2.20E-07	2.17E-07	2.10E-07	7.60E-11	2.29E-10	1.33E-10	1.31E-10	1.19E-10	5.42E-11	5.27E-11	2.54E-12	6.13E-11	1.35E-11	1.78E-11	2.82E-11	4.98E-12	2.76E-11	1.56E-10
4030	488863.09	3854377.25	2.21E-07	2.18E-07	2.12E-07	7.66E-11	2.31E-10	1.34E-10	1.32E-10	1.20E-10	5.47E-11	5.31E-11	2.56E-12	6.18E-11	1.36E-11	1.79E-11	2.85E-11	5.02E-12	2.79E-11	1.57E-10
4031	489363.09	3854377.25	2.33E-07	2.30E-07	2.23E-07	8.06E-11	2.43E-10	1.41E-10	1.39E-10	1.26E-10	5.75E-11	5.59E-11	2.69E-12	6.50E-11	1.44E-11	1.89E-11	3.00E-11	5.28E-12	2.93E-11	1.66E-10
4032	489863.09	3854377.25	2.20E-07	2.17E-07	2.11E-07	7.62E-11	2.30E-10	1.33E-10	1.31E-10	1.19E-10	5.44E-11	5.28E-11	2.54E-12	6.14E-11	1.36E-11	1.78E-11	2.83E-11	4.99E-12	2.77E-11	1.56E-10
4033	490363.09	3854377.25	2.03E-07	2.00E-07	1.94E-07	7.01E-11	2.12E-10	1.23E-10	1.21E-10	1.10E-10	5.00E-11	4.86E-11	2.34E-12	5.66E-11	1.25E-11	1.64E-11	2.61E-11	4.59E-12	2.55E-11	1.44E-10
4034	490863.09	3854377.25	1.46E-07	1.44E-07	1.40E-07	5.05E-11	1.53E-10	8.83E-11	8.72E-11	7.90E-11	3.61E-11	3.50E-11	1.69E-12	4.08E-11	9.00E-12	1.18E-11	1.88E-11	3.31E-12	1.84E-11	1.04E-10
4035	491363.09	3854377.25	1.73E-07	1.70E-07	1.66E-07	5.98E-11	1.80E-10	1.04E-10	1.03E-10	9.35E-11	4.27E-11	4.14E-11	2.00E-12	4.82E-11	1.06E-11	1.40E-11	2.22E-11	3.91E-12	2.17E-11	1.23E-10
4036	491863.09	3854377.25	1.90E-07	1.88E-07	1.82E-07	6.59E-11	1.99E-10	1.15E-10	1.14E-10	1.03E-10	4.70E-11	4.56E-11	2.20E-12	5.31E-11	1.17E-11	1.54E-11	2.45E-11	4.31E-12	2.40E-11	1.35E-10
4037	492363.09	3854377.25	2.06E-07	2.03E-07	1.97E-07	7.13E-11	2.15E-10	1.25E-10	1.23E-10	1.11E-10	5.09E-11	4.94E-11	2.38E-12	5.75E-11	1.27E-11	1.67E-11	2.65E-11	4.67E-12	2.59E-11	1.46E-10
4038	492863.09	3854377.25	2.11E-07	2.08E-07	2.02E-07	7.30E-11	2.20E-10	1.28E-10	1.26E-10	1.14E-10	5.21E-11	5.06E-11	2.44E-12	5.89E-11	1.30E-11	1.71E-11	2.71E-11	4.78E-12	2.66E-11	1.50E-10
4039	493363.09	3854377.25	2.03E-07	2.01E-07	1.95E-07	7.04E-11	2.12E-10	1.23E-10	1.21E-10	1.10E-10	5.02E-11	4.88E-11	2.35E-12	5.68E-11	1.25E-11	1.65E-11	2.61E-11	4.61E-12	2.56E-11	1.44E-10
4040	493863.09	3854377.25	2.24E-07	2.21E-07	2.15E-07	7.75E-11	2.34E-10	1.36E-10	1.34E-10	1.21E-10	5.53E-11	5.37E-11	2.59E-12	6.25E-11	1.38E-11	1.82E-11	2.88E-11	5.08E-12	2.82E-11	1.59E-10
4041	494363.09	3854377.25	2.32E-07	2.29E-07	2.22E-07	8.02E-11	2.42E-10	1.40E-10	1.38E-10	1.25E-10	5.72E-11	5.56E-11	2.68E-12	6.47E-11	1.43E-11	1.88E-11	2.98E-11	5.25E-12	2.92E-11	1.65E-10
4042	494863.09	3854377.25	1.83E-07	1.81E-07	1.76E-07	6.35E-11	1.92E-10	1.11E-10	1.09E-10	9.93E-11	4.53E-11	4.40E-11	2.12E-12	5.12E-11	1.13E-11	1.49E-11	2.36E-11	4.16E-12	2.31E-11	1.30E-10
4043	495363.09	3854377.25	1.60E-07	1.58E-07	1.53E-07	5.53E-11	1.67E-10	9.66E-11	9.54E-11	8.64E-11	3.94E-11	3.83E-11	1.85E-12	4.46E-11	9.84E-12	1.29E-11	2.05E-11	3.62E-12	2.01E-11	1.13E-10
4044	495863.09	3854377.25	1.61E-07	1.59E-07	1.55E-07	5.59E-11	1.69E-10	9.77E-11	9.64E-11	8.74E-11	3.99E-11	3.87E-11	1.87E-12	4.51E-11	9.95E-12	1.31E-11	2.08E-11	3.66E-12	2.03E-11	1.15E-10
4045	496363.09	3854377.25	1.77E-07	1.75E-07	1.70E-07	6.14E-11	1.85E-10	1.07E-10	1.06E-10	9.60E-11	4.38E-11	4.25E-11	2.05E-12	4.95E-11	1.09E-11	1.44E-11	2.28E-11	4.02E-12	2.23E-11	1.26E-10
4046	496863.09	3854377.25	1.81E-07	1.78E-07	1.73E-07	6.25E-11	1.89E-10	1.09E-10	1.08E-10	9.78E-11	4.46E-11	4.33E-11	2.09E-12	5.04E-11	1.11E-11	1.46E-11	2.32E-11	4.09E-12	2.27E-11	1.28E-10
4047	497363.09	3854377.25	1.68E-07	1.66E-07	1.61E-07	5.81E-11	1.75E-10	1.02E-10	1.00E-10	9.09E-11	4.15E-11	4.03E-11	1.94E-12	4.69E-11	1.03E-11	1.36E-11	2.16E-11	3.81E-12	2.11E-11	1.19E-10
4048	497863.09	3854377.25	1.87E-07	1.85E-07	1.80E-07	6.49E-11	1.96E-10	1.13E-10	1.12E-10	1.01E-10	4.63E-11	4.49E-11	2.17E-12	5.23E-11	1.15E-11	1.52E-11	2.41E-11	4.25E-12	2.36E-11	1.33E-10
4049	498363.09	3854377.25	1.81E-07	1.79E-07	1.73E-07	6.26E-11	1.89E-10	1.09E-10	1.08E-10	9.79E-11	4.47E-11	4.34E-11	2.09E-12	5.05E-11	1.11E-11	1.47E-11	2.33E-11	4.10E-12	2.28E-11	1.29E-10
4050	471363.09	3854877.25	7.07E-08	6.97E-08	6.77E-08	2.45E-11	7.39E-11	4.28E-11	4.22E-11	3.83E-11	1.75E-11	1.69E-11	8.17E-13	1.97E-11	4.35E-12	5.73E-12	9.09E-12	1.60E-12	8.90E-12	5.02E-11
4051	471863.09	3854877.25	7.51E-08	7.41E-08	7.20E-08	2.60E-11	7.85E-11	4.54E-11	4.48E-11	4.06E-11	1.85E-11	1.80E-11	8.68E-13	2.10E-11	4.63E-12	6.09E-12	9.66E-12	1.70E-12	9.45E-12	5.34E-11
4052	472363.09	3854877.25	7.87E-08	7.77E-08	7.55E-08	2.73E-11	8.23E-11	4.76E-11	4.70E-11	4.26E-11	1.94E-11	1.89E-11	9.10E-13	2.20E-11	4.85E-12	6.38E-12	1.01E-11	1.78E-12	9.91E-12	5.60E-11
4053	472863.09	3854877.25	8.02E-08	7.91E-08	7.68E-08	2.77E-11	8.38E-11	4.85E-11	4.79E-11	4.34E-11	1.98E-11	1.92E-11	9.27E-13	2.24E-11	4.94E-12	6.50E-12	1.03E-11	1.82E-12	1.01E-11	5.70E-11
4054	473363.09	3854877.25	8.52E-08	8.41E-08	8.17E-08	2.95E-11	8.91E-11	5.16E-11	5.09E-11	4.61E-11	2.11E-11	2.04E-11	9.85E-13	2.38E-11	5.25E-12	6.91E-12	1.10E-11	1.93E-12	1.07E-11	6.06E-11
4055	473863.09	3854877.25	8.95E-08	8.84E-08	8.58E-08	3.10E-11	9.36E-11	5.42E-11	5.35E-11	4.85E-11	2.21E-11	2.15E-11	1.03E-12	2.50E-11	5.52E-12	7.26E-12	1.15E-11	2.03E-12	1.13E-11	6.36E-11
4056	474363.09	3854877.25	9.51E-08	9.39E-08	9.12E-08	3.29E-11	9.94E-11	5.76E-11	5.68E-11	5.15E-11	2.35E-11	2.28E-11	1.10E-12	2.66E-11	5.86E-12	7.71E-12	1.22E-11	2.16E-12	1.20E-11	6.76E-11
4057	474863.09	3854877.25	8.50E-08	8.39E-08	8.14E-08	2.94E-11	8.88E-11	5.14E-11	5.07E-11	4.60E-11	2.10E-11	2.04E-11	9.82E-13	2.37E-11	5.24E-12	6.89E-12	1.09E-11	1.93E-12	1.07E-11	6.04E-11
4058	475363.09	3854877.25	7.20E-08	7.10E-08	6.90E-08	2.49E-11	7.52E-11	4.35E-11	4.30E-11	3.90E-11	1.78E-11	1.73E-11	8.32E-13	2.01E-11	4.43E-12	5.83E-12	9.26E-12	1.63E-12	9.06E-12	5.11E-11
4059	475863.09	3854877.25	5.79E-08	5.72E-08	5.55E-08	2.00E-11	6.05E-11	3.50E-11	3.46E-11	3.13E-11	1.43E-11	1.39E-11	6.69E-13	1.62E-11	3.57E-12	4.70E-12	7.45E-12	1.31E-12	7.29E-12	4.12E-11
4060	476363.09	3854877.25	3.90E-08	3.85E-08	3.74E-08	1.35E-11	4.08E-11	2.36E-11	2.33E-11	2.11E-11	9.64E-12	9.36E-12	4.51E-13	1.09E-11	2.41E-12	3.17E-12	5.02E-12	8.85E-13	4.91E-12	2.77E-11
4061	476863.09	3854877.25	3.83E-08	3.78E-08	3.67E-08	1.32E-11	4.00E-11	2.31E-11	2.28E-11	2.07E-11	9.45E-12	9.18E-12	4.42E-13	1.07E-11	2.36E-12	3.10E-12	4.92E-12	8.67E-13	4.82E-12	2.72E-11
4062	477363.09	3854877.25	4.52E-08	4.46E-08	4.33E-08	1.56E-11	4.72E-11	2.73E-11	2.70E-11	2.44E-11	1.12E-11	1.08E-11	5.22E-13	1.26E-11	2.78E-12	3.66E-12	5.81E-12	1.02E-12	5.68E-12	3.21E-11
4063	477863.09	3854877.25	5.14E-08	5.07E-08	4.93E-08	1.78E-11	5.37E-11	3.11E-11	3.07E-11	2.78E-11	1.27E-11	1.23E-11	5.94E-13	1.44E-11	3.17E-12	4.17E-12	6.61E-12	1.17E-12	6.47E-12	3.65E-11
4064	478363.09	3854877.25	6.65E-08	6.56E-08	6.37E-08	2.30E-11	6.95E-11	4.02E-11	3.97E-11	3.60E-11	1.64E-11	1.60E-11	7.69E-13	1.86E-11	4.10E-12	5.39E-12	8.55E-12	1.51E-12	8.37E-12	4.73E-11
4065	478863.09	3854877.25	8.73E-08	8.62E-08	8.37E-08	3.02E-11	9.13E-11	5.28E-11	5.21E-11	4.73E-11	2.16E-11	2.09E-11	1.01E-12	2.44E-11	5.38E-12	7.08E-12	1.12E-11	1.98E-12	1.10E-11	6.21E-11
4066	479363.09	3854877.25	1.12E-07	1.11E-07	1.07E-07	3.88E-11	1.17E-10	6.78E-11	6.69E-11	6.07E-11	2.77E-11	2.69E-11	1.30E-12	3.13E-11	6.90E-12	9.08E-12	1.44E-11	2.54E-12	1.41E-11	7.96E-11
4067	479863.09	3854877.25	1.37E-07	1.35E-07	1.31E-07	4.73E-11	1.43E-10	8.26E-11	8.15E-11	7.39E-11	3.37E-11	3.27E-11	1.58E-12	3.81E-11	8.41E-12	1.11E-11	1.76E-11	3.09E-12	1.72E-11	9.70E-11
4068	480363.09	3854877.25	1.55E-07	1.53E-07	1.49E-07	5.38E-11	1.62E-10	9.40E-11	9.28E-11	8.41E-11	3.84E-11	3.73E-11	1.80E-12	4.34E-11	9.57E-12	1.26E-11	2.00E-11	3.52E-12	1.96E-11	1.10E-10
4069	480863.09	3854877.25	1.85E-07	1.83E-07	1.77E-07	6.41E-11	1.93E-10	1.12E-10	1.11E-10	1.00E-10	4.57E-11	4.44E-11	2.14E-12	5.17E-11	1.14E-11	1.50E-11	2.38E-11	4.19E-12	2.33E-11	1.32E-10
4070	481363.09	3854877.25	2.04E-07	2.02E-07	1.96E-07	7.07E-11	2.13E-10	1.24E-10	1.22E-10	1.11E-10	5.04E-11	4.90E-11	2.36E-12	5.70E-11	1.26E-11	1.66E-11	2.63E-11	4.63E-12	2.57E-11	1.45E-10
4071	481863.09	3854877.25	2.12E-07	2.09E-07	2.03E-07	7.33E-11	2.21E-10	1.28E-10	1.27E-10	1.15E-10	5.23E-11	5.08E-11	2.45E-12	5.92E-11	1.31E-11	1.72E-11	2.72E-11	4.80E-12	2.67E-11	1.51E-10
4072	482363.09	3854877.25	2.71E-07	2.68E-07	2.60E-07	9.39E-11	2.84E-10	1.64E-10	1.62E-10	1.47E-10	6.70E-11	6.51E-11	3.14E-12	7.58E-11	1.67E-11	2.20E-11	3.49E-11	6.15E-12	3.42E-11	1.93E-10
4073	482863.09	3854877.25	2.86E-07	2.82E-07	2.74E-07	9.90E-11	2.99E-10	1.73E-10	1.71E-10	1.55E-10	7.06E-11	6.86E-11	3.30E-12	7.98E-11	1.76E-11	2.32E-11	3.68E-11	6.48E-12	3.60E-11	2.03E-10
4074	483363.09	3854877.25	3.00E-07	2.96E-07	2.87E-07	1.04E-10	3.13E-10	1.81E-10	1.79E-10	1.62E-10	7.40E-11	7.19E-11	3.46E-12	8.36E-11	1.85E-11	2.43E-11	3.85E-11	6.79E-12	3.77E-11	2.13E-10

4075	483863.09	3854877.25	2.97E-07	2.93E-07	2.84E-07	1.03E-10	3.10E-10	1.79E-10	1.77E-10	1.61E-10	7.33E-11	7.11E-11	3.43E-12	8.28E-11	1.83E-11	2.40E-11	3.81E-11	6.72E-12	3.73E-11	2.11E-10
4076	484363.09	3854877.25	2.75E-07	2.71E-07	2.63E-07	9.51E-11	2.87E-10	1.66E-10	1.64E-10	1.49E-10	6.79E-11	6.59E-11	3.18E-12	7.67E-11	1.69E-11	2.23E-11	3.54E-11	6.23E-12	3.46E-11	1.95E-10
4077	484863.09	3854877.25	2.87E-07	2.83E-07	2.75E-07	9.93E-11	3.00E-10	1.74E-10	1.71E-10	1.55E-10	7.09E-11	6.88E-11	3.32E-12	8.01E-11	1.77E-11	2.33E-11	3.69E-11	6.50E-12	3.61E-11	2.04E-10
4078	485363.09	3854877.25	2.95E-07	2.91E-07	2.83E-07	1.02E-10	3.08E-10	1.79E-10	1.76E-10	1.60E-10	7.29E-11	7.08E-11	3.41E-12	8.24E-11	1.82E-11	2.39E-11	3.80E-11	6.69E-12	3.72E-11	2.10E-10
4079	485863.09	3854877.25	2.64E-07	2.61E-07	2.53E-07	9.14E-11	2.76E-10	1.60E-10	1.58E-10	1.43E-10	6.53E-11	6.34E-11	3.05E-12	7.38E-11	1.63E-11	2.14E-11	3.40E-11	5.99E-12	3.33E-11	1.88E-10
4080	486363.09	3854877.25	2.49E-07	2.46E-07	2.39E-07	8.64E-11	2.61E-10	1.51E-10	1.49E-10	1.35E-10	6.16E-11	5.98E-11	2.88E-12	6.97E-11	1.54E-11	2.02E-11	3.21E-11	5.66E-12	3.14E-11	1.77E-10
4081	486863.09	3854877.25	2.45E-07	2.42E-07	2.35E-07	8.48E-11	2.56E-10	1.48E-10	1.46E-10	1.33E-10	6.05E-11	5.87E-11	2.83E-12	6.84E-11	1.51E-11	1.99E-11	3.15E-11	5.55E-12	3.08E-11	1.74E-10
4082	487363.09	3854877.25	2.61E-07	2.58E-07	2.50E-07	9.04E-11	2.73E-10	1.58E-10	1.56E-10	1.41E-10	6.45E-11	6.26E-11	3.02E-12	7.29E-11	1.61E-11	2.12E-11	3.36E-11	5.92E-12	3.29E-11	1.86E-10
4083	487863.09	3854877.25	2.87E-07	2.83E-07	2.75E-07	9.94E-11	3.00E-10	1.74E-10	1.71E-10	1.55E-10	7.09E-11	6.89E-11	3.32E-12	8.02E-11	1.77E-11	2.33E-11	3.69E-11	6.51E-12	3.61E-11	2.04E-10
4084	488363.09	3854877.25	3.11E-07	3.07E-07	2.98E-07	1.08E-10	3.25E-10	1.88E-10	1.86E-10	1.68E-10	7.68E-11	7.45E-11	3.59E-12	8.68E-11	1.91E-11	2.52E-11	4.00E-11	7.04E-12	3.91E-11	2.21E-10
4085	488863.09	3854877.25	3.31E-07	3.27E-07	3.17E-07	1.15E-10	3.46E-10	2.00E-10	1.98E-10	1.79E-10	8.18E-11	7.94E-11	3.83E-12	9.25E-11	2.04E-11	2.69E-11	4.26E-11	7.51E-12	4.17E-11	2.35E-10
4086	489363.09	3854877.25	3.44E-07	3.40E-07	3.30E-07	1.19E-10	3.60E-10	2.08E-10	2.06E-10	1.86E-10	8.51E-11	8.26E-11	3.98E-12	9.61E-11	2.12E-11	2.79E-11	4.43E-11	7.81E-12	4.33E-11	2.45E-10
4087	489863.09	3854877.25	3.19E-07	3.15E-07	3.06E-07	1.11E-10	3.34E-10	1.93E-10	1.91E-10	1.73E-10	7.89E-11	7.66E-11	3.69E-12	8.92E-11	1.97E-11	2.59E-11	4.11E-11	7.24E-12	4.02E-11	2.27E-10
4088	490363.09	3854877.25	2.06E-07	2.03E-07	1.97E-07	7.13E-11	2.15E-10	1.25E-10	1.23E-10	1.12E-10	5.09E-11	4.94E-11	2.38E-12	5.75E-11	1.27E-11	1.67E-11	2.65E-11	4.67E-12	2.59E-11	1.46E-10
4089	490863.09	3854877.25	1.22E-07	1.21E-07	1.17E-07	4.24E-11	1.28E-10	7.41E-11	7.31E-11	6.63E-11	3.02E-11	2.94E-11	1.42E-12	3.42E-11	7.54E-12	9.93E-12	1.58E-11	2.78E-12	1.54E-11	8.70E-11
4090	491363.09	3854877.25	1.38E-07	1.36E-07	1.32E-07	4.78E-11	1.44E-10	8.35E-11	8.25E-11	7.47E-11	3.41E-11	3.31E-11	1.60E-12	3.86E-11	8.51E-12	1.12E-11	1.78E-11	3.13E-12	1.74E-11	9.81E-11
4091	491863.09	3854877.25	2.87E-07	2.83E-07	2.75E-07	9.94E-11	3.00E-10	1.74E-10	1.71E-10	1.55E-10	7.09E-11	6.89E-11	3.32E-12	8.02E-11	1.77E-11	2.33E-11	3.69E-11	6.51E-12	3.61E-11	2.04E-10
4092	492363.09	3854877.25	3.16E-07	3.12E-07	3.03E-07	1.10E-10	3.31E-10	1.91E-10	1.89E-10	1.71E-10	7.81E-11	7.59E-11	3.66E-12	8.83E-11	1.95E-11	2.56E-11	4.07E-11	7.17E-12	3.98E-11	2.25E-10
4093	492863.09	3854877.25	3.18E-07	3.14E-07	3.05E-07	1.10E-10	3.32E-10	1.92E-10	1.90E-10	1.72E-10	7.85E-11	7.62E-11	3.67E-12	8.87E-11	1.96E-11	2.58E-11	4.09E-11	7.20E-12	4.00E-11	2.26E-10
4094	493363.09	3854877.25	3.19E-07	3.15E-07	3.06E-07	1.10E-10	3.33E-10	1.93E-10	1.90E-10	1.73E-10	7.88E-11	7.65E-11	3.69E-12	8.91E-11	1.97E-11	2.59E-11	4.10E-11	7.23E-12	4.02E-11	2.27E-10
4095	493863.09	3854877.25	3.35E-07	3.30E-07	3.21E-07	1.16E-10	3.50E-10	2.03E-10	2.00E-10	1.81E-10	8.27E-11	8.03E-11	3.87E-12	9.35E-11	2.06E-11	2.71E-11	4.31E-11	7.59E-12	4.22E-11	2.38E-10
4096	494363.09	3854877.25	2.37E-07	2.34E-07	2.28E-07	8.22E-11	2.48E-10	1.44E-10	1.42E-10	1.29E-10	5.87E-11	5.70E-11	2.75E-12	6.63E-11	1.46E-11	1.93E-11	3.05E-11	5.38E-12	2.99E-11	1.69E-10
4097	494863.09	3854877.25	1.99E-07	1.96E-07	1.91E-07	6.88E-11	2.08E-10	1.20E-10	1.19E-10	1.08E-10	4.91E-11	4.77E-11	2.30E-12	5.55E-11	1.23E-11	1.61E-11	2.56E-11	4.51E-12	2.50E-11	1.41E-10
4098	495363.09	3854877.25	2.00E-07	1.98E-07	1.92E-07	6.94E-11	2.09E-10	1.21E-10	1.20E-10	1.08E-10	4.95E-11	4.81E-11	2.32E-12	5.60E-11	1.23E-11	1.62E-11	2.58E-11	4.54E-12	2.52E-11	1.42E-10
4099	495863.09	3854877.25	2.11E-07	2.08E-07	2.02E-07	7.29E-11	2.20E-10	1.27E-10	1.26E-10	1.14E-10	5.20E-11	5.05E-11	2.44E-12	5.88E-11	1.30E-11	1.71E-11	2.71E-11	4.78E-12	2.65E-11	1.50E-10
4100	496363.09	3854877.25	2.04E-07	2.01E-07	1.96E-07	7.06E-11	2.13E-10	1.23E-10	1.22E-10	1.10E-10	5.04E-11	4.89E-11	2.36E-12	5.70E-11	1.26E-11	1.65E-11	2.62E-11	4.63E-12	2.57E-11	1.45E-10
4101	496863.09	3854877.25	2.03E-07	2.00E-07	1.94E-07	7.02E-11	2.12E-10	1.23E-10	1.21E-10	1.10E-10	5.01E-11	4.86E-11	2.34E-12	5.66E-11	1.25E-11	1.64E-11	2.61E-11	4.60E-12	2.55E-11	1.44E-10
4102	497363.09	3854877.25	2.11E-07	2.08E-07	2.02E-07	7.30E-11	2.20E-10	1.28E-10	1.26E-10	1.14E-10	5.21E-11	5.06E-11	2.44E-12	5.89E-11	1.30E-11	1.71E-11	2.71E-11	4.78E-12	2.65E-11	1.50E-10
4103	497863.09	3854877.25	2.38E-07	2.35E-07	2.28E-07	8.25E-11	2.49E-10	1.44E-10	1.42E-10	1.29E-10	5.89E-11	5.72E-11	2.76E-12	6.66E-11	1.47E-11	1.93E-11	3.07E-11	5.40E-12	3.00E-11	1.69E-10
4104	498363.09	3854877.25	2.45E-07	2.41E-07	2.34E-07	8.47E-11	2.56E-10	1.48E-10	1.46E-10	1.32E-10	6.04E-11	5.87E-11	2.83E-12	6.83E-11	1.51E-11	1.98E-11	3.15E-11	5.55E-12	3.08E-11	1.74E-10
4105	471363.09	3855377.25	7.01E-08	6.92E-08	6.72E-08	2.43E-11	7.33E-11	4.24E-11	4.19E-11	3.80E-11	1.73E-11	1.68E-11	8.11E-13	1.96E-11	4.32E-12	5.69E-12	9.02E-12	1.59E-12	8.83E-12	4.98E-11
4106	471863.09	3855377.25	7.31E-08	7.22E-08	7.01E-08	2.53E-11	7.64E-11	4.43E-11	4.37E-11	3.96E-11	1.81E-11	1.75E-11	8.45E-13	2.04E-11	4.51E-12	5.93E-12	9.41E-12	1.66E-12	9.21E-12	5.20E-11
4107	472363.09	3855377.25	7.81E-08	7.71E-08	7.48E-08	2.70E-11	8.16E-11	4.72E-11	4.66E-11	4.23E-11	1.93E-11	1.87E-11	9.03E-13	2.18E-11	4.81E-12	6.33E-12	1.00E-11	1.77E-12	9.83E-12	5.55E-11
4108	472863.09	3855377.25	8.13E-08	8.03E-08	7.80E-08	2.82E-11	8.50E-11	4.92E-11	4.86E-11	4.40E-11	2.01E-11	1.95E-11	9.40E-13	2.27E-11	5.01E-12	6.59E-12	1.05E-11	1.84E-12	1.02E-11	5.78E-11
4109	473363.09	3855377.25	8.81E-08	8.70E-08	8.44E-08	3.05E-11	9.21E-11	5.33E-11	5.26E-11	4.77E-11	2.18E-11	2.11E-11	1.02E-12	2.46E-11	5.43E-12	7.14E-12	1.13E-11	2.00E-12	1.11E-11	6.26E-11
4110	473863.09	3855377.25	9.42E-08	9.30E-08	9.03E-08	3.26E-11	9.85E-11	5.70E-11	5.63E-11	5.10E-11	2.33E-11	2.26E-11	1.09E-12	2.63E-11	5.81E-12	7.64E-12	1.21E-11	2.14E-12	1.19E-11	6.70E-11
4111	474363.09	3855377.25	9.98E-08	9.85E-08	9.57E-08	3.46E-11	1.04E-10	6.04E-11	5.96E-11	5.40E-11	2.47E-11	2.39E-11	1.15E-12	2.79E-11	6.15E-12	8.09E-12	1.28E-11	2.26E-12	1.26E-11	7.09E-11
4112	474863.09	3855377.25	9.03E-08	8.91E-08	8.66E-08	3.13E-11	9.44E-11	5.46E-11	5.39E-11	4.89E-11	2.23E-11	2.17E-11	1.04E-12	2.52E-11	5.56E-12	7.32E-12	1.16E-11	2.05E-12	1.14E-11	6.42E-11
4113	475363.09	3855377.25	5.30E-08	5.23E-08	5.08E-08	1.83E-11	5.54E-11	3.20E-11	3.16E-11	2.87E-11	1.31E-11	1.27E-11	6.12E-13	1.48E-11	3.26E-12	4.29E-12	6.81E-12	1.20E-12	6.67E-12	3.76E-11
4114	475863.09	3855377.25	4.09E-08	4.03E-08	3.92E-08	1.41E-11	4.27E-11	2.47E-11	2.44E-11	2.21E-11	1.01E-11	9.80E-12	4.72E-13	1.14E-11	2.52E-12	3.31E-12	5.26E-12	9.26E-13	5.14E-12	2.90E-11
4115	476363.09	3855377.25	4.70E-08	4.64E-08	4.50E-08	1.63E-11	4.91E-11	2.84E-11	2.81E-11	2.54E-11	1.16E-11	1.13E-11	5.43E-13	1.31E-11	2.89E-12	3.81E-12	6.04E-12	1.06E-12	5.91E-12	3.34E-11
4116	476863.09	3855377.25	4.55E-08	4.50E-08	4.37E-08	1.58E-11	4.76E-11	2.76E-11	2.72E-11	2.47E-11	1.13E-11	1.09E-11	5.26E-13	1.27E-11	2.81E-12	3.69E-12	5.86E-12	1.03E-12	5.73E-12	3.24E-11
4117	477363.09	3855377.25	4.96E-08	4.89E-08	4.75E-08	1.72E-11	5.18E-11	3.00E-11	2.96E-11	2.68E-11	1.22E-11	1.19E-11	5.73E-13	1.38E-11	3.05E-12	4.02E-12	6.38E-12	1.12E-12	6.24E-12	3.52E-11
4118	477863.09	3855377.25	6.16E-08	6.08E-08	5.90E-08	2.13E-11	6.43E-11	3.72E-11	3.68E-11	3.33E-11	1.52E-11	1.48E-11	7.12E-13	1.72E-11	3.79E-12	4.99E-12	7.92E-12	1.40E-12	7.75E-12	4.37E-11
4119	478363.09	3855377.25	7.64E-08	7.54E-08	7.32E-08	2.64E-11	7.98E-11	4.62E-11	4.56E-11	4.14E-11	1.89E-11	1.83E-11	8.83E-13	2.13E-11	4.71E-12	6.19E-12	9.83E-12	1.73E-12	9.62E-12	5.43E-11
4120	478863.09	3855377.25	9.21E-08	9.09E-08	8.83E-08	3.19E-11	9.63E-11	5.57E-11	5.50E-11	4.99E-11	2.28E-11	2.21E-11	1.07E-12	2.57E-11	5.68E-12	7.47E-12	1.19E-11	2.09E-12	1.16E-11	6.55E-11
4121	479363.09	3855377.25	1.15E-07	1.14E-07	1.10E-07	3.98E-11	1.20E-10	6.96E-11	6.87E-11	6.23E-11	2.84E-11	2.76E-11	1.33E-12	3.21E-11	7.09E-12	9.33E-12	1.48E-11	2.61E-12	1.45E-11	8.18E-11
4122	479863.09	3855377.25	1.36E-07	1.34E-07	1.30E-07	4.71E-11	1.42E-10	8.24E-11	8.13E-11	7.37E-11	3.36E-11	3.27E-11	1.57E-12	3.80E-11	8.39E-12	1.10E-11	1.75E-11	3.09E-12	1.71E-11	9.67E-11
4123	480363.09	3855377.25	1.71E-07	1.68E-07	1.64E-07	5.91E-11	1.78E-10	1.03E-10	1.02E-10	9.24E-11	4.21E-11	4.09E-11	1.97E-12	4.76E-11	1.05E-11	1.38E-11	2.19E-11	3.87E-12	2.15E-11	1.21E-10
4124	480863.09	3855377.25	2.05E-07	2.03E-07	1.97E-07	7.10E-11	2.14E-10	1.24E-10	1.23E-10	1.11E-10	5.07E-11	4.92E-11	2.37E-12	5.73E-11	1.26E-11	1.66E-11	2.64E-11	4.65E-12	2.58E-11	1.46E-10
4125	481363.09	3855377.25	2.35E-07	2.32E-07	2.25E-07	8.14E-11	2.46E-10	1.42E-10	1.40E-10	1.27E-10	5.81E-11	5.64E-11	2.72E-12	6.57E-11	1.45E-11	1.91E-11	3.02E-11	5.33E-12	2.96E-11	1.67E-10
4126	481863.09	3855377.25	2.61E-07	2.57E-07	2.50E-07	9.02E-11	2.72E-10	1.58E-10	1.56E-10	1.41E-10	6.44E-11	6.25E-11	3.01E-12	7.27E-11	1.61E-11	2.11E-11	3.35E-11	5.91E-12	3.28E-11	1.85E-10
4127	482363.09	3855377.25	2.90E-07	2.86E-07	2.78E-07	1.00E-10	3.03E-10	1.75E-10	1.73E-10	1.57E-10	7.16E-11	6.95E-11	3.35E-12	8.09E-11	1.78E-11	2.35E-11	3.73E-11	6.57E-12	3.65E-11	2.06E-10

4128	482863.09	3855377.25	3.15E-07	3.11E-07	3.02E-07	1.09E-10	3.29E-10	1.91E-10	1.88E-10	1.70E-10	7.78E-11	7.55E-11	3.64E-12	8.79E-11	1.94E-11	2.55E-11	4.05E-11	7.14E-12	3.96E-11	2.24E-10
4129	483363.09	3855377.25	3.41E-07	3.37E-07	3.27E-07	1.18E-10	3.56E-10	2.06E-10	2.04E-10	1.85E-10	8.42E-11	8.18E-11	3.94E-12	9.52E-11	2.10E-11	2.76E-11	4.39E-11	7.73E-12	4.29E-11	2.42E-10
4130	483863.09	3855377.25	3.63E-07	3.58E-07	3.48E-07	1.26E-10	3.79E-10	2.20E-10	2.17E-10	1.96E-10	8.97E-11	8.71E-11	4.20E-12	1.01E-10	2.24E-11	2.94E-11	4.67E-11	8.23E-12	4.57E-11	2.58E-10
4131	484363.09	3855377.25	3.64E-07	3.59E-07	3.49E-07	1.26E-10	3.80E-10	2.20E-10	2.17E-10	1.97E-10	8.99E-11	8.73E-11	4.21E-12	1.02E-10	2.24E-11	2.95E-11	4.68E-11	8.25E-12	4.58E-11	2.59E-10
4132	484863.09	3855377.25	3.72E-07	3.67E-07	3.56E-07	1.29E-10	3.88E-10	2.25E-10	2.22E-10	2.01E-10	9.18E-11	8.91E-11	4.30E-12	1.04E-10	2.29E-11	3.01E-11	4.78E-11	8.43E-12	4.68E-11	2.64E-10
4133	485363.09	3855377.25	3.95E-07	3.90E-07	3.79E-07	1.37E-10	4.13E-10	2.39E-10	2.36E-10	2.14E-10	9.77E-11	9.49E-11	4.57E-12	1.10E-10	2.44E-11	3.21E-11	5.09E-11	8.96E-12	4.98E-11	2.81E-10
4134	485863.09	3855377.25	4.15E-07	4.09E-07	3.97E-07	1.44E-10	4.33E-10	2.51E-10	2.48E-10	2.24E-10	1.02E-10	9.94E-11	4.79E-12	1.16E-10	2.55E-11	3.36E-11	5.33E-11	9.40E-12	5.22E-11	2.95E-10
4135	486363.09	3855377.25	3.65E-07	3.60E-07	3.49E-07	1.26E-10	3.81E-10	2.21E-10	2.18E-10	1.97E-10	9.00E-11	8.74E-11	4.21E-12	1.02E-10	2.25E-11	2.96E-11	4.69E-11	8.26E-12	4.59E-11	2.59E-10
4136	486863.09	3855377.25	3.46E-07	3.42E-07	3.32E-07	1.20E-10	3.62E-10	2.09E-10	2.07E-10	1.87E-10	8.55E-11	8.30E-11	4.00E-12	9.67E-11	2.13E-11	2.81E-11	4.45E-11	7.85E-12	4.36E-11	2.46E-10
4137	487363.09	3855377.25	3.79E-07	3.74E-07	3.63E-07	1.31E-10	3.96E-10	2.29E-10	2.26E-10	2.05E-10	9.35E-11	9.08E-11	4.38E-12	1.06E-10	2.33E-11	3.07E-11	4.87E-11	8.58E-12	4.77E-11	2.69E-10
4138	487863.09	3855377.25	4.09E-07	4.03E-07	3.92E-07	1.41E-10	4.27E-10	2.47E-10	2.44E-10	2.21E-10	1.01E-10	9.80E-11	4.72E-12	1.14E-10	2.52E-11	3.31E-11	5.26E-11	9.26E-12	5.14E-11	2.90E-10
4139	488363.09	3855377.25	4.42E-07	4.37E-07	4.24E-07	1.53E-10	4.62E-10	2.68E-10	2.64E-10	2.40E-10	1.09E-10	1.06E-10	5.11E-12	1.24E-10	2.73E-11	3.59E-11	5.69E-11	1.00E-11	5.57E-11	3.14E-10
4140	488863.09	3855377.25	4.76E-07	4.70E-07	4.56E-07	1.65E-10	4.97E-10	2.88E-10	2.84E-10	2.58E-10	1.18E-10	1.14E-10	5.50E-12	1.33E-10	2.93E-11	3.86E-11	6.12E-11	1.08E-11	5.99E-11	3.38E-10
4141	489363.09	3855377.25	5.01E-07	4.94E-07	4.80E-07	1.73E-10	5.24E-10	3.03E-10	2.99E-10	2.71E-10	1.24E-10	1.20E-10	5.79E-12	1.40E-10	3.09E-11	4.06E-11	6.44E-11	1.14E-11	6.31E-11	3.56E-10
4142	489863.09	3855377.25	4.89E-07	4.83E-07	4.69E-07	1.69E-10	5.11E-10	2.96E-10	2.92E-10	2.65E-10	1.21E-10	1.17E-10	5.65E-12	1.37E-10	3.01E-11	3.97E-11	6.29E-11	1.11E-11	6.16E-11	3.48E-10
4143	490363.09	3855377.25	5.39E-07	5.32E-07	5.17E-07	1.87E-10	5.63E-10	3.26E-10	3.22E-10	2.92E-10	1.33E-10	1.29E-10	6.23E-12	1.51E-10	3.32E-11	4.37E-11	6.93E-11	1.22E-11	6.79E-11	3.83E-10
4144	490863.09	3855377.25	2.50E-07	2.46E-07	2.39E-07	8.64E-11	2.61E-10	1.51E-10	1.49E-10	1.35E-10	6.17E-11	5.99E-11	2.89E-12	6.97E-11	1.54E-11	2.02E-11	3.21E-11	5.66E-12	3.14E-11	1.77E-10
4145	491363.09	3855377.25	1.98E-07	1.96E-07	1.90E-07	6.86E-11	2.07E-10	1.20E-10	1.18E-10	1.07E-10	4.90E-11	4.75E-11	2.29E-12	5.53E-11	1.22E-11	1.61E-11	2.55E-11	4.49E-12	2.49E-11	1.41E-10
4146	491863.09	3855377.25	4.58E-07	4.52E-07	4.39E-07	1.59E-10	4.79E-10	2.77E-10	2.74E-10	2.48E-10	1.13E-10	1.10E-10	5.30E-12	1.28E-10	2.82E-11	3.71E-11	5.89E-11	1.04E-11	5.77E-11	3.26E-10
4147	492363.09	3855377.25	4.86E-07	4.80E-07	4.66E-07	1.68E-10	5.08E-10	2.94E-10	2.90E-10	2.63E-10	1.20E-10	1.17E-10	5.62E-12	1.36E-10	2.99E-11	3.94E-11	6.25E-11	1.10E-11	6.12E-11	3.45E-10
4148	492863.09	3855377.25	4.75E-07	4.68E-07	4.55E-07	1.64E-10	4.96E-10	2.87E-10	2.83E-10	2.57E-10	1.17E-10	1.14E-10	5.49E-12	1.33E-10	2.92E-11	3.85E-11	6.10E-11	1.08E-11	5.97E-11	3.37E-10
4149	493363.09	3855377.25	4.62E-07	4.56E-07	4.43E-07	1.60E-10	4.83E-10	2.80E-10	2.76E-10	2.50E-10	1.14E-10	1.11E-10	5.35E-12	1.29E-10	2.85E-11	3.75E-11	5.95E-11	1.05E-11	5.82E-11	3.29E-10
4150	493863.09	3855377.25	3.36E-07	3.31E-07	3.22E-07	1.16E-10	3.51E-10	2.03E-10	2.00E-10	1.82E-10	8.29E-11	8.05E-11	3.88E-12	9.37E-11	2.07E-11	2.72E-11	4.32E-11	7.61E-12	4.22E-11	2.39E-10
4151	494363.09	3855377.25	3.01E-07	2.97E-07	2.89E-07	1.04E-10	3.15E-10	1.82E-10	1.80E-10	1.63E-10	7.44E-11	7.23E-11	3.48E-12	8.41E-11	1.86E-11	2.44E-11	3.87E-11	6.83E-12	3.79E-11	2.14E-10
4152	494863.09	3855377.25	2.83E-07	2.79E-07	2.71E-07	9.78E-11	2.95E-10	1.71E-10	1.69E-10	1.53E-10	6.98E-11	6.78E-11	3.27E-12	7.89E-11	1.74E-11	2.29E-11	3.64E-11	6.41E-12	3.56E-11	2.01E-10
4153	495363.09	3855377.25	2.75E-07	2.71E-07	2.63E-07	9.51E-11	2.87E-10	1.66E-10	1.64E-10	1.49E-10	6.79E-11	6.59E-11	3.18E-12	7.67E-11	1.69E-11	2.23E-11	3.54E-11	6.23E-12	3.46E-11	1.95E-10
4154	495863.09	3855377.25	2.68E-07	2.64E-07	2.56E-07	9.26E-11	2.80E-10	1.62E-10	1.60E-10	1.45E-10	6.61E-11	6.42E-11	3.09E-12	7.47E-11	1.65E-11	2.17E-11	3.44E-11	6.07E-12	3.37E-11	1.90E-10
4155	496363.09	3855377.25	2.78E-07	2.75E-07	2.67E-07	9.64E-11	2.91E-10	1.69E-10	1.66E-10	1.51E-10	6.88E-11	6.68E-11	3.22E-12	7.78E-11	1.72E-11	2.26E-11	3.58E-11	6.31E-12	3.51E-11	1.98E-10
4156	496863.09	3855377.25	2.86E-07	2.82E-07	2.74E-07	9.89E-11	2.99E-10	1.73E-10	1.71E-10	1.55E-10	7.06E-11	6.85E-11	3.30E-12	7.98E-11	1.76E-11	2.32E-11	3.67E-11	6.48E-12	3.60E-11	2.03E-10
4157	497363.09	3855377.25	2.99E-07	2.95E-07	2.86E-07	1.03E-10	3.12E-10	1.81E-10	1.78E-10	1.62E-10	7.37E-11	7.16E-11	3.45E-12	8.34E-11	1.84E-11	2.42E-11	3.84E-11	6.77E-12	3.76E-11	2.12E-10
4158	497863.09	3855377.25	3.18E-07	3.14E-07	3.04E-07	1.10E-10	3.32E-10	1.92E-10	1.90E-10	1.72E-10	7.85E-11	7.62E-11	3.67E-12	8.87E-11	1.96E-11	2.58E-11	4.09E-11	7.20E-12	4.00E-11	2.26E-10
4159	498363.09	3855377.25	3.39E-07	3.35E-07	3.25E-07	1.17E-10	3.54E-10	2.05E-10	2.02E-10	1.84E-10	8.37E-11	8.13E-11	3.92E-12	9.47E-11	2.09E-11	2.75E-11	4.36E-11	7.68E-12	4.27E-11	2.41E-10
4160	471363.09	3855877.25	7.18E-08	7.09E-08	6.88E-08	2.49E-11	7.51E-11	4.35E-11	4.29E-11	3.89E-11	1.77E-11	1.72E-11	8.30E-13	2.01E-11	4.43E-12	5.82E-12	9.24E-12	1.63E-12	9.04E-12	5.10E-11
4161	471863.09	3855877.25	7.47E-08	7.37E-08	7.16E-08	2.59E-11	7.81E-11	4.52E-11	4.46E-11	4.04E-11	1.85E-11	1.79E-11	8.63E-13	2.09E-11	4.60E-12	6.06E-12	9.61E-12	1.69E-12	9.40E-12	5.31E-11
4162	472363.09	3855877.25	8.03E-08	7.92E-08	7.70E-08	2.78E-11	8.39E-11	4.86E-11	4.79E-11	4.35E-11	1.98E-11	1.93E-11	9.28E-13	2.24E-11	4.95E-12	6.51E-12	1.03E-11	1.82E-12	1.01E-11	5.71E-11
4163	472863.09	3855877.25	8.21E-08	8.10E-08	7.87E-08	2.84E-11	8.58E-11	4.97E-11	4.90E-11	4.45E-11	2.03E-11	1.97E-11	9.49E-13	2.29E-11	5.06E-12	6.66E-12	1.06E-11	1.86E-12	1.03E-11	5.84E-11
4164	473363.09	3855877.25	8.94E-08	8.82E-08	8.57E-08	3.09E-11	9.34E-11	5.41E-11	5.34E-11	4.84E-11	2.21E-11	2.14E-11	1.03E-12	2.50E-11	5.51E-12	7.25E-12	1.15E-11	2.03E-12	1.13E-11	6.35E-11
4165	473863.09	3855877.25	9.51E-08	9.39E-08	9.12E-08	3.29E-11	9.94E-11	5.76E-11	5.68E-11	5.15E-11	2.35E-11	2.28E-11	1.10E-12	2.66E-11	5.86E-12	7.71E-12	1.22E-11	2.16E-12	1.20E-11	6.76E-11
4166	474363.09	3855877.25	9.96E-08	9.83E-08	9.54E-08	3.45E-11	1.04E-10	6.02E-11	5.95E-11	5.39E-11	2.46E-11	2.39E-11	1.15E-12	2.78E-11	6.13E-12	8.07E-12	1.28E-11	2.26E-12	1.25E-11	7.07E-11
4167	474863.09	3855877.25	8.71E-08	8.59E-08	8.34E-08	3.01E-11	9.10E-11	5.27E-11	5.20E-11	4.71E-11	2.15E-11	2.09E-11	1.01E-12	2.43E-11	5.36E-12	7.06E-12	1.12E-11	1.97E-12	1.10E-11	6.19E-11
4168	475363.09	3855877.25	6.47E-08	6.38E-08	6.20E-08	2.24E-11	6.76E-11	3.91E-11	3.86E-11	3.50E-11	1.60E-11	1.55E-11	7.48E-13	1.81E-11	3.98E-12	5.24E-12	8.32E-12	1.47E-12	8.14E-12	4.60E-11
4169	475863.09	3855877.25	3.33E-08	3.29E-08	3.19E-08	1.15E-11	3.48E-11	2.02E-11	1.99E-11	1.80E-11	8.23E-12	7.99E-12	3.85E-13	9.30E-12	2.05E-12	2.70E-12	4.28E-12	7.55E-13	4.19E-12	2.37E-11
4170	476363.09	3855877.25	3.53E-08	3.48E-08	3.38E-08	1.22E-11	3.69E-11	2.13E-11	2.11E-11	1.91E-11	8.71E-12	8.46E-12	4.08E-13	9.85E-12	2.17E-12	2.86E-12	4.54E-12	7.99E-13	4.44E-12	2.51E-11
4171	476863.09	3855877.25	4.95E-08	4.88E-08	4.74E-08	1.71E-11	5.17E-11	2.99E-11	2.95E-11	2.68E-11	1.22E-11	1.19E-11	5.72E-13	1.38E-11	3.05E-12	4.01E-12	6.36E-12	1.12E-12	6.23E-12	3.51E-11
4172	477363.09	3855877.25	5.83E-08	5.75E-08	5.59E-08	2.02E-11	6.09E-11	3.53E-11	3.48E-11	3.16E-11	1.44E-11	1.40E-11	6.74E-13	1.63E-11	3.59E-12	4.73E-12	7.50E-12	1.32E-12	7.34E-12	4.14E-11
4173	477863.09	3855877.25	6.82E-08	6.73E-08	6.54E-08	2.36E-11	7.13E-11	4.13E-11	4.07E-11	3.69E-11	1.68E-11	1.64E-11	7.88E-13	1.90E-11	4.20E-12	5.53E-12	8.77E-12	1.55E-12	8.58E-12	4.85E-11
4174	478363.09	3855877.25	8.41E-08	8.30E-08	8.06E-08	2.91E-11	8.79E-11	5.09E-11	5.02E-11	4.55E-11	2.08E-11	2.02E-11	9.72E-13	2.35E-11	5.18E-12	6.82E-12	1.08E-11	1.91E-12	1.06E-11	5.97E-11
4175	478863.09	3855877.25	1.02E-07	1.01E-07	9.80E-08	3.54E-11	1.07E-10	6.19E-11	6.11E-11	5.54E-11	2.53E-11	2.45E-11	1.18E-12	2.86E-11	6.30E-12	8.29E-12	1.32E-11	2.32E-12	1.29E-11	7.27E-11
4176	479363.09	3855877.25	1.28E-07	1.26E-07	1.22E-07	4.42E-11	1.34E-10	7.73E-11	7.63E-11	6.92E-11	3.16E-11	3.07E-11	1.48E-12	3.57E-11	7.87E-12	1.04E-11	1.64E-11	2.90E-12	1.61E-11	9.08E-11
4177	479863.09	3855877.25	1.53E-07	1.51E-07	1.46E-07	5.29E-11	1.60E-10	9.24E-11	9.12E-11	8.27E-11	3.77E-11	3.66E-11	1.77E-12	4.27E-11	9.41E-12	1.24E-11	1.97E-11	3.46E-12	1.92E-11	1.09E-10
4178	480363.09	3855877.25	1.85E-07	1.83E-07	1.77E-07	6.41E-11	1.93E-10	1.12E-10	1.11E-10	1.00E-10	4.57E-11	4.44E-11	2.14E-12	5.17E-11	1.14E-11	1.50E-11	2.38E-11	4.19E-12	2.33E-11	1.32E-10
4179	480863.09	3855877.25	2.23E-07	2.20E-07	2.14E-07	7.72E-11	2.33E-10	1.35E-10	1.33E-10	1.21E-10	5.51E-11	5.35E-11	2.58E-12	6.22E-11	1.37E-11	1.81E-11	2.87E-11	5.05E-12	2.81E-11	1.58E-10
4180	481363.09	3855877.25	2.33E-07	2.30E-07	2.23E-07	8.07E-11	2.44E-10	1.41E-10	1.39E-10	1.26E-10	5.76E-11	5.59E-11	2.69E-12	6.51E-11	1.44E-11	1.89E-11	3.00E-11	5.28E-12	2.93E-11	1.66E-10

4181	481863.09	3855877.25	2.86E-07	2.82E-07	2.74E-07	9.90E-11	2.99E-10	1.73E-10	1.71E-10	1.55E-10	7.06E-11	6.86E-11	3.30E-12	7.98E-11	1.76E-11	2.32E-11	3.68E-11	6.48E-12	3.60E-11	2.03E-10
4182	482363.09	3855877.25	3.14E-07	3.10E-07	3.01E-07	1.09E-10	3.28E-10	1.90E-10	1.88E-10	1.70E-10	7.76E-11	7.53E-11	3.63E-12	8.77E-11	1.93E-11	2.55E-11	4.04E-11	7.12E-12	3.95E-11	2.23E-10
4183	482863.09	3855877.25	3.38E-07	3.33E-07	3.24E-07	1.17E-10	3.53E-10	2.04E-10	2.02E-10	1.83E-10	8.34E-11	8.10E-11	3.90E-12	9.43E-11	2.08E-11	2.74E-11	4.34E-11	7.66E-12	4.25E-11	2.40E-10
4184	483363.09	3855877.25	3.68E-07	3.63E-07	3.53E-07	1.27E-10	3.85E-10	2.23E-10	2.20E-10	1.99E-10	9.09E-11	8.82E-11	4.25E-12	1.03E-10	2.27E-11	2.98E-11	4.73E-11	8.34E-12	4.63E-11	2.61E-10
4185	483863.09	3855877.25	4.05E-07	4.00E-07	3.88E-07	1.40E-10	4.23E-10	2.45E-10	2.42E-10	2.19E-10	1.00E-10	9.72E-11	4.68E-12	1.13E-10	2.50E-11	3.28E-11	5.21E-11	9.18E-12	5.10E-11	2.88E-10
4186	484363.09	3855877.25	4.43E-07	4.37E-07	4.25E-07	1.53E-10	4.63E-10	2.68E-10	2.65E-10	2.40E-10	1.09E-10	1.06E-10	5.12E-12	1.24E-10	2.73E-11	3.59E-11	5.70E-11	1.00E-11	5.58E-11	3.15E-10
4187	484863.09	3855877.25	4.64E-07	4.58E-07	4.45E-07	1.61E-10	4.85E-10	2.81E-10	2.77E-10	2.51E-10	1.15E-10	1.11E-10	5.37E-12	1.30E-10	2.86E-11	3.76E-11	5.97E-11	1.05E-11	5.84E-11	3.30E-10
4188	485363.09	3855877.25	4.82E-07	4.76E-07	4.62E-07	1.67E-10	5.04E-10	2.92E-10	2.88E-10	2.61E-10	1.19E-10	1.16E-10	5.57E-12	1.35E-10	2.97E-11	3.91E-11	6.20E-11	1.09E-11	6.07E-11	3.43E-10
4189	485863.09	3855877.25	5.19E-07	5.12E-07	4.97E-07	1.80E-10	5.42E-10	3.14E-10	3.10E-10	2.81E-10	1.28E-10	1.24E-10	6.00E-12	1.45E-10	3.20E-11	4.21E-11	6.67E-11	1.18E-11	6.53E-11	3.69E-10
4190	486363.09	3855877.25	5.27E-07	5.20E-07	5.05E-07	1.82E-10	5.51E-10	3.19E-10	3.15E-10	2.85E-10	1.30E-10	1.26E-10	6.09E-12	1.47E-10	3.25E-11	4.27E-11	6.78E-11	1.20E-11	6.64E-11	3.75E-10
4191	486863.09	3855877.25	4.94E-07	4.87E-07	4.73E-07	1.71E-10	5.16E-10	2.99E-10	2.95E-10	2.67E-10	1.22E-10	1.18E-10	5.71E-12	1.38E-10	3.04E-11	4.00E-11	6.35E-11	1.12E-11	6.21E-11	3.51E-10
4192	487363.09	3855877.25	5.43E-07	5.36E-07	5.20E-07	1.88E-10	5.68E-10	3.29E-10	3.24E-10	2.94E-10	1.34E-10	1.30E-10	6.28E-12	1.52E-10	3.35E-11	4.40E-11	6.98E-11	1.23E-11	6.84E-11	3.86E-10
4193	487863.09	3855877.25	5.92E-07	5.84E-07	5.67E-07	2.05E-10	6.19E-10	3.58E-10	3.54E-10	3.21E-10	1.46E-10	1.42E-10	6.84E-12	1.65E-10	3.65E-11	4.80E-11	7.62E-11	1.34E-11	7.45E-11	4.21E-10
4194	488363.09	3855877.25	6.44E-07	6.36E-07	6.17E-07	2.23E-10	6.73E-10	3.90E-10	3.85E-10	3.49E-10	1.59E-10	1.55E-10	7.45E-12	1.80E-10	3.97E-11	5.22E-11	8.29E-11	1.46E-11	8.11E-11	4.58E-10
4195	488863.09	3855877.25	6.94E-07	6.85E-07	6.65E-07	2.40E-10	7.26E-10	4.20E-10	4.15E-10	3.76E-10	1.71E-10	1.67E-10	8.03E-12	1.94E-10	4.28E-11	5.63E-11	8.93E-11	1.57E-11	8.74E-11	4.93E-10
4196	489363.09	3855877.25	7.35E-07	7.26E-07	7.05E-07	2.54E-10	7.68E-10	4.45E-10	4.39E-10	3.98E-10	1.82E-10	1.76E-10	8.50E-12	2.05E-10	4.53E-11	5.96E-11	9.46E-11	1.67E-11	9.25E-11	5.22E-10
4197	489863.09	3855877.25	7.84E-07	7.74E-07	7.51E-07	2.71E-10	8.20E-10	4.74E-10	4.68E-10	4.24E-10	1.94E-10	1.88E-10	9.06E-12	2.19E-10	4.83E-11	6.36E-11	1.01E-10	1.78E-11	9.87E-11	5.57E-10
4198	490363.09	3855877.25	8.70E-07	8.59E-07	8.34E-07	3.01E-10	9.10E-10	5.27E-10	5.20E-10	4.71E-10	2.15E-10	2.09E-10	1.01E-11	2.43E-10	5.36E-11	7.06E-11	1.12E-10	1.97E-11	1.10E-10	6.19E-10
4199	490863.09	3855877.25	8.79E-07	8.67E-07	8.42E-07	3.04E-10	9.19E-10	5.32E-10	5.25E-10	4.76E-10	2.17E-10	2.11E-10	1.02E-11	2.45E-10	5.41E-11	7.13E-11	1.13E-10	1.99E-11	1.11E-10	6.25E-10
4200	491363.09	3855877.25	7.18E-07	7.09E-07	6.88E-07	2.49E-10	7.51E-10	4.34E-10	4.29E-10	3.89E-10	1.77E-10	1.72E-10	8.30E-12	2.01E-10	4.42E-11	5.82E-11	9.24E-11	1.63E-11	9.04E-11	5.10E-10
4201	491863.09	3855877.25	8.83E-07	8.72E-07	8.46E-07	3.06E-10	9.23E-10	5.34E-10	5.27E-10	4.78E-10	2.18E-10	2.12E-10	1.02E-11	2.47E-10	5.44E-11	7.16E-11	1.14E-10	2.00E-11	1.11E-10	6.28E-10
4202	492363.09	3855877.25	8.09E-07	7.99E-07	7.76E-07	2.80E-10	8.46E-10	4.90E-10	4.83E-10	4.38E-10	2.00E-10	1.94E-10	9.36E-12	2.26E-10	4.99E-11	6.56E-11	1.04E-10	1.83E-11	1.02E-10	5.75E-10
4203	492863.09	3855877.25	8.65E-07	8.53E-07	8.29E-07	2.99E-10	9.04E-10	5.23E-10	5.16E-10	4.68E-10	2.14E-10	2.07E-10	1.00E-11	2.41E-10	5.33E-11	7.01E-11	1.11E-10	1.96E-11	1.09E-10	6.15E-10
4204	493363.09	3855877.25	6.17E-07	6.09E-07	5.91E-07	2.13E-10	6.44E-10	3.73E-10	3.68E-10	3.34E-10	1.52E-10	1.48E-10	7.13E-12	1.72E-10	3.80E-11	5.00E-11	7.93E-11	1.40E-11	7.76E-11	4.38E-10
4205	493863.09	3855877.25	5.34E-07	5.27E-07	5.12E-07	1.85E-10	5.58E-10	3.23E-10	3.19E-10	2.89E-10	1.32E-10	1.28E-10	6.18E-12	1.49E-10	3.29E-11	4.33E-11	6.87E-11	1.21E-11	6.73E-11	3.80E-10
4206	494363.09	3855877.25	4.81E-07	4.75E-07	4.61E-07	1.67E-10	5.03E-10	2.91E-10	2.87E-10	2.60E-10	1.19E-10	1.15E-10	5.56E-12	1.34E-10	2.96E-11	3.90E-11	6.19E-11	1.09E-11	6.06E-11	3.42E-10
4207	494863.09	3855877.25	4.43E-07	4.37E-07	4.25E-07	1.53E-10	4.63E-10	2.68E-10	2.65E-10	2.40E-10	1.09E-10	1.06E-10	5.12E-12	1.24E-10	2.73E-11	3.59E-11	5.70E-11	1.00E-11	5.58E-11	3.15E-10
4208	495363.09	3855877.25	3.77E-07	3.72E-07	3.61E-07	1.31E-10	3.94E-10	2.28E-10	2.25E-10	2.04E-10	9.31E-11	9.04E-11	4.36E-12	1.05E-10	2.32E-11	3.06E-11	4.85E-11	8.55E-12	4.75E-11	2.68E-10
4209	495863.09	3855877.25	3.82E-07	3.77E-07	3.66E-07	1.32E-10	3.99E-10	2.31E-10	2.28E-10	2.07E-10	9.44E-11	9.16E-11	4.42E-12	1.07E-10	2.35E-11	3.10E-11	4.91E-11	8.66E-12	4.81E-11	2.72E-10
4210	496363.09	3855877.25	3.85E-07	3.80E-07	3.69E-07	1.33E-10	4.02E-10	2.33E-10	2.30E-10	2.08E-10	9.51E-11	9.24E-11	4.45E-12	1.08E-10	2.37E-11	3.12E-11	4.95E-11	8.73E-12	4.85E-11	2.74E-10
4211	496863.09	3855877.25	3.98E-07	3.93E-07	3.82E-07	1.38E-10	4.16E-10	2.41E-10	2.38E-10	2.15E-10	9.83E-11	9.55E-11	4.60E-12	1.11E-10	2.45E-11	3.23E-11	5.12E-11	9.02E-12	5.01E-11	2.83E-10
4212	497363.09	3855877.25	4.11E-07	4.05E-07	3.94E-07	1.42E-10	4.29E-10	2.49E-10	2.45E-10	2.22E-10	1.01E-10	9.85E-11	4.75E-12	1.15E-10	2.53E-11	3.33E-11	5.28E-11	9.31E-12	5.17E-11	2.92E-10
4213	497863.09	3855877.25	4.29E-07	4.23E-07	4.11E-07	1.48E-10	4.48E-10	2.59E-10	2.56E-10	2.32E-10	1.06E-10	1.03E-10	4.96E-12	1.20E-10	2.64E-11	3.48E-11	5.51E-11	9.72E-12	5.40E-11	3.05E-10
4214	498363.09	3855877.25	4.74E-07	4.68E-07	4.54E-07	1.64E-10	4.96E-10	2.87E-10	2.83E-10	2.57E-10	1.17E-10	1.14E-10	5.48E-12	1.32E-10	2.92E-11	3.84E-11	6.10E-11	1.07E-11	5.97E-11	3.37E-10
4215	471363.09	3856377.25	7.21E-08	7.12E-08	6.91E-08	2.50E-11	7.54E-11	4.36E-11	4.31E-11	3.90E-11	1.78E-11	1.73E-11	8.33E-13	2.01E-11	4.44E-12	5.85E-12	9.27E-12	1.63E-12	9.08E-12	5.12E-11
4216	471863.09	3856377.25	7.48E-08	7.39E-08	7.17E-08	2.59E-11	7.82E-11	4.53E-11	4.47E-11	4.05E-11	1.85E-11	1.79E-11	8.65E-13	2.09E-11	4.61E-12	6.07E-12	9.62E-12	1.70E-12	9.42E-12	5.32E-11
4217	472363.09	3856377.25	7.93E-08	7.82E-08	7.60E-08	2.74E-11	8.28E-11	4.80E-11	4.73E-11	4.29E-11	1.96E-11	1.90E-11	9.16E-13	2.21E-11	4.88E-12	6.43E-12	1.02E-11	1.80E-12	9.98E-12	5.63E-11
4218	472863.09	3856377.25	8.48E-08	8.37E-08	8.13E-08	2.94E-11	8.87E-11	5.13E-11	5.07E-11	4.59E-11	2.10E-11	2.04E-11	9.81E-13	2.37E-11	5.23E-12	6.88E-12	1.09E-11	1.92E-12	1.07E-11	6.03E-11
4219	473363.09	3856377.25	8.99E-08	8.87E-08	8.62E-08	3.11E-11	9.40E-11	5.44E-11	5.37E-11	4.87E-11	2.22E-11	2.16E-11	1.04E-12	2.51E-11	5.54E-12	7.29E-12	1.16E-11	2.04E-12	1.13E-11	6.39E-11
4220	473863.09	3856377.25	9.84E-08	9.71E-08	9.43E-08	3.41E-11	1.03E-10	5.95E-11	5.88E-11	5.33E-11	2.43E-11	2.36E-11	1.14E-12	2.75E-11	6.06E-12	7.98E-12	1.27E-11	2.23E-12	1.24E-11	6.99E-11
4221	474363.09	3856377.25	9.85E-08	9.72E-08	9.44E-08	3.41E-11	1.03E-10	5.96E-11	5.88E-11	5.33E-11	2.43E-11	2.36E-11	1.14E-12	2.75E-11	6.07E-12	7.99E-12	1.27E-11	2.23E-12	1.24E-11	7.00E-11
4222	474863.09	3856377.25	9.60E-08	9.48E-08	9.20E-08	3.32E-11	1.00E-10	5.81E-11	5.74E-11	5.20E-11	2.37E-11	2.30E-11	1.11E-12	2.68E-11	5.92E-12	7.79E-12	1.24E-11	2.18E-12	1.21E-11	6.82E-11
4223	475363.09	3856377.25	8.45E-08	8.34E-08	8.09E-08	2.92E-11	8.83E-11	5.11E-11	5.04E-11	4.57E-11	2.09E-11	2.03E-11	9.76E-13	2.36E-11	5.20E-12	6.85E-12	1.09E-11	1.91E-12	1.06E-11	6.00E-11
4224	475863.09	3856377.25	6.55E-08	6.46E-08	6.27E-08	2.27E-11	6.84E-11	3.96E-11	3.91E-11	3.54E-11	1.62E-11	1.57E-11	7.57E-13	1.83E-11	4.03E-12	5.31E-12	8.42E-12	1.48E-12	8.24E-12	4.65E-11
4225	476363.09	3856377.25	6.29E-08	6.20E-08	6.02E-08	2.18E-11	6.57E-11	3.80E-11	3.75E-11	3.40E-11	1.55E-11	1.51E-11	7.27E-13	1.76E-11	3.87E-12	5.10E-12	8.08E-12	1.42E-12	7.91E-12	4.47E-11
4226	476863.09	3856377.25	6.45E-08	6.37E-08	6.19E-08	2.23E-11	6.75E-11	3.91E-11	3.85E-11	3.49E-11	1.59E-11	1.55E-11	7.46E-13	1.80E-11	3.98E-12	5.23E-12	8.30E-12	1.46E-12	8.13E-12	4.59E-11
4227	477363.09	3856377.25	6.86E-08	6.77E-08	6.57E-08	2.37E-11	7.17E-11	4.15E-11	4.10E-11	3.71E-11	1.69E-11	1.65E-11	7.93E-13	1.91E-11	4.23E-12	5.56E-12	8.82E-12	1.55E-12	8.63E-12	4.87E-11
4228	477863.09	3856377.25	5.78E-08	5.70E-08	5.54E-08	2.00E-11	6.04E-11	3.50E-11	3.45E-11	3.13E-11	1.43E-11	1.39E-11	6.68E-13	1.61E-11	3.56E-12	4.68E-12	7.43E-12	1.31E-12	7.27E-12	4.11E-11
4229	478363.09	3856377.25	5.26E-08	5.19E-08	5.04E-08	1.82E-11	5.50E-11	3.18E-11	3.14E-11	2.85E-11	1.30E-11	1.26E-11	6.08E-13	1.47E-11	3.24E-12	4.26E-12	6.76E-12	1.19E-12	6.62E-12	3.74E-11
4230	478863.09	3856377.25	9.15E-08	9.03E-08	8.77E-08	3.17E-11	9.56E-11	5.54E-11	5.46E-11	4.95E-11	2.26E-11	2.19E-11	1.06E-12	2.55E-11	5.64E-12	7.42E-12	1.18E-11	2.07E-12	1.15E-11	6.50E-11
4231	479363.09	3856377.25	1.12E-07	1.11E-07	1.08E-07	3.88E-11	1.17E-10	6.79E-11	6.70E-11	6.07E-11	2.77E-11	2.69E-11	1.30E-12	3.13E-11	6.91E-12	9.10E-12	1.44E-11	2.54E-12	1.41E-11	7.97E-11
4232	479863.09	3856377.25	1.60E-07	1.58E-07	1.54E-07	5.55E-11	1.68E-10	9.71E-11	9.58E-11	8.69E-11	3.96E-11	3.85E-11	1.85E-12	4.48E-11	9.89E-12	1.30E-11	2.06E-11	3.64E-12	2.02E-11	1.14E-10
4233	480363.09	3856377.25	2.07E-07	2.04E-07	1.99E-07	7.17E-11	2.17E-10	1.25E-10	1.24E-10	1.12E-10	5.12E-11	4.97E-11	2.39E-12	5.78E-11	1.28E-11	1.68E-11	2.66E-11	4.70E-12	2.61E-11	1.47E-10

4234	480863.09	3856377.25	2.44E-07	2.41E-07	2.34E-07	8.44E-11	2.55E-10	1.47E-10	1.46E-10	1.32E-10	6.02E-11	5.85E-11	2.82E-12	6.81E-11	1.50E-11	1.98E-11	3.14E-11	5.53E-12	3.07E-11	1.73E-10
4235	481363.09	3856377.25	2.80E-07	2.77E-07	2.69E-07	9.70E-11	2.93E-10	1.70E-10	1.67E-10	1.52E-10	6.92E-11	6.72E-11	3.24E-12	7.83E-11	1.73E-11	2.27E-11	3.61E-11	6.35E-12	3.53E-11	1.99E-10
4236	481863.09	3856377.25	3.19E-07	3.15E-07	3.06E-07	1.10E-10	3.34E-10	1.93E-10	1.91E-10	1.73E-10	7.88E-11	7.65E-11	3.69E-12	8.91E-11	1.97E-11	2.59E-11	4.10E-11	7.23E-12	4.02E-11	2.27E-10
4237	482363.09	3856377.25	3.52E-07	3.47E-07	3.37E-07	1.22E-10	3.68E-10	2.13E-10	2.10E-10	1.90E-10	8.69E-11	8.44E-11	4.07E-12	9.83E-11	2.17E-11	2.85E-11	4.53E-11	7.98E-12	4.43E-11	2.50E-10
4238	482863.09	3856377.25	3.79E-07	3.74E-07	3.63E-07	1.31E-10	3.96E-10	2.29E-10	2.26E-10	2.05E-10	9.35E-11	9.08E-11	4.38E-12	1.06E-10	2.33E-11	3.07E-11	4.87E-11	8.58E-12	4.77E-11	2.69E-10
4239	483363.09	3856377.25	4.07E-07	4.02E-07	3.91E-07	1.41E-10	4.26E-10	2.47E-10	2.43E-10	2.21E-10	1.01E-10	9.77E-11	4.71E-12	1.14E-10	2.51E-11	3.30E-11	5.24E-11	9.24E-12	5.13E-11	2.90E-10
4240	483863.09	3856377.25	4.42E-07	4.37E-07	4.24E-07	1.53E-10	4.62E-10	2.68E-10	2.64E-10	2.39E-10	1.09E-10	1.06E-10	5.11E-12	1.24E-10	2.73E-11	3.59E-11	5.69E-11	1.00E-11	5.57E-11	3.14E-10
4241	484363.09	3856377.25	4.89E-07	4.83E-07	4.69E-07	1.69E-10	5.11E-10	2.96E-10	2.92E-10	2.65E-10	1.21E-10	1.17E-10	5.65E-12	1.37E-10	3.01E-11	3.97E-11	6.29E-11	1.11E-11	6.16E-11	3.48E-10
4242	484863.09	3856377.25	5.52E-07	5.45E-07	5.29E-07	1.91E-10	5.77E-10	3.34E-10	3.30E-10	2.99E-10	1.36E-10	1.33E-10	6.39E-12	1.54E-10	3.40E-11	4.48E-11	7.11E-11	1.25E-11	6.95E-11	3.93E-10
4243	485363.09	3856377.25	6.10E-07	6.02E-07	5.85E-07	2.11E-10	6.38E-10	3.69E-10	3.64E-10	3.30E-10	1.51E-10	1.46E-10	7.05E-12	1.70E-10	3.76E-11	4.95E-11	7.85E-11	1.38E-11	7.68E-11	4.34E-10
4244	485863.09	3856377.25	6.39E-07	6.30E-07	6.12E-07	2.21E-10	6.67E-10	3.86E-10	3.81E-10	3.46E-10	1.58E-10	1.53E-10	7.38E-12	1.78E-10	3.93E-11	5.18E-11	8.21E-11	1.45E-11	8.04E-11	4.54E-10
4245	486363.09	3856377.25	6.32E-07	6.23E-07	6.05E-07	2.19E-10	6.60E-10	3.82E-10	3.77E-10	3.42E-10	1.56E-10	1.52E-10	7.30E-12	1.76E-10	3.89E-11	5.12E-11	8.12E-11	1.43E-11	7.95E-11	4.49E-10
4246	486863.09	3856377.25	7.27E-07	7.18E-07	6.97E-07	2.52E-10	7.60E-10	4.40E-10	4.34E-10	3.94E-10	1.80E-10	1.74E-10	8.41E-12	2.03E-10	4.48E-11	5.90E-11	9.35E-11	1.65E-11	9.16E-11	5.17E-10
4247	487363.09	3856377.25	7.65E-07	7.55E-07	7.33E-07	2.65E-10	7.99E-10	4.63E-10	4.57E-10	4.14E-10	1.89E-10	1.83E-10	8.84E-12	2.14E-10	4.71E-11	6.20E-11	9.84E-11	1.73E-11	9.63E-11	5.43E-10
4248	487863.09	3856377.25	8.56E-07	8.45E-07	8.20E-07	2.96E-10	8.95E-10	5.18E-10	5.11E-10	4.63E-10	2.11E-10	2.05E-10	9.90E-12	2.39E-10	5.27E-11	6.94E-11	1.10E-10	1.94E-11	1.08E-10	6.08E-10
4249	488363.09	3856377.25	9.37E-07	9.24E-07	8.98E-07	3.24E-10	9.79E-10	5.67E-10	5.59E-10	5.07E-10	2.31E-10	2.25E-10	1.08E-11	2.62E-10	5.77E-11	7.59E-11	1.20E-10	2.12E-11	1.18E-10	6.66E-10
4250	488863.09	3856377.25	1.04E-06	1.02E-06	9.93E-07	3.59E-10	1.08E-09	6.27E-10	6.19E-10	5.61E-10	2.56E-10	2.49E-10	1.20E-11	2.89E-10	6.38E-11	8.40E-11	1.33E-10	2.35E-11	1.30E-10	7.36E-10
4251	489363.09	3856377.25	1.11E-06	1.10E-06	1.06E-06	3.84E-10	1.16E-09	6.71E-10	6.63E-10	6.01E-10	2.74E-10	2.66E-10	1.28E-11	3.10E-10	6.84E-11	9.00E-11	1.43E-10	2.52E-11	1.40E-10	7.89E-10
4252	489863.09	3856377.25	1.26E-06	1.24E-06	1.20E-06	4.35E-10	1.31E-09	7.60E-10	7.50E-10	6.80E-10	3.10E-10	3.01E-10	1.45E-11	3.51E-10	7.74E-11	1.02E-10	1.62E-10	2.85E-11	1.58E-10	8.93E-10
4253	490363.09	3856377.25	1.41E-06	1.39E-06	1.35E-06	4.88E-10	1.47E-09	8.53E-10	8.42E-10	7.64E-10	3.48E-10	3.38E-10	1.63E-11	3.94E-10	8.69E-11	1.14E-10	1.81E-10	3.20E-11	1.78E-10	1.00E-09
4254	490863.09	3856377.25	1.64E-06	1.62E-06	1.58E-06	5.69E-10	1.72E-09	9.95E-10	9.82E-10	8.90E-10	4.06E-10	3.94E-10	1.90E-11	4.59E-10	1.01E-10	1.33E-10	2.12E-10	3.73E-11	2.07E-10	1.17E-09
4255	491363.09	3856377.25	1.96E-06	1.93E-06	1.88E-06	6.77E-10	2.05E-09	1.18E-09	1.17E-09	1.06E-09	4.83E-10	4.69E-10	2.26E-11	5.46E-10	1.21E-10	1.59E-10	2.52E-10	4.44E-11	2.46E-10	1.39E-09
4256	491863.09	3856377.25	1.99E-06	1.96E-06	1.91E-06	6.89E-10	2.08E-09	1.20E-09	1.19E-09	1.08E-09	4.92E-10	4.77E-10	2.30E-11	5.56E-10	1.23E-10	1.61E-10	2.56E-10	4.51E-11	2.51E-10	1.41E-09
4257	492363.09	3856377.25	1.89E-06	1.86E-06	1.81E-06	6.54E-10	1.97E-09	1.14E-09	1.13E-09	1.02E-09	4.67E-10	4.53E-10	2.18E-11	5.28E-10	1.16E-10	1.53E-10	2.43E-10	4.28E-11	2.38E-10	1.34E-09
4258	492863.09	3856377.25	1.79E-06	1.77E-06	1.72E-06	6.20E-10	1.87E-09	1.08E-09	1.07E-09	9.70E-10	4.42E-10	4.30E-10	2.07E-11	5.00E-10	1.10E-10	1.45E-10	2.30E-10	4.06E-11	2.26E-10	1.27E-09
4259	493363.09	3856377.25	1.22E-06	1.20E-06	1.17E-06	4.21E-10	1.27E-09	7.36E-10	7.26E-10	6.58E-10	3.00E-10	2.92E-10	1.41E-11	3.39E-10	7.49E-11	9.86E-11	1.56E-10	2.76E-11	1.53E-10	8.64E-10
4260	493863.09	3856377.25	1.07E-06	1.05E-06	1.02E-06	3.69E-10	1.12E-09	6.46E-10	6.37E-10	5.78E-10	2.64E-10	2.56E-10	1.23E-11	2.98E-10	6.57E-11	8.65E-11	1.37E-10	2.42E-11	1.34E-10	7.58E-10
4261	494363.09	3856377.25	8.57E-07	8.46E-07	8.22E-07	2.97E-10	8.96E-10	5.19E-10	5.12E-10	4.64E-10	2.12E-10	2.06E-10	9.91E-12	2.39E-10	5.28E-11	6.95E-11	1.10E-10	1.94E-11	1.08E-10	6.09E-10
4262	494863.09	3856377.25	6.92E-07	6.83E-07	6.63E-07	2.39E-10	7.23E-10	4.19E-10	4.13E-10	3.74E-10	1.71E-10	1.66E-10	8.00E-12	1.93E-10	4.26E-11	5.61E-11	8.90E-11	1.57E-11	8.71E-11	4.92E-10
4263	495363.09	3856377.25	5.74E-07	5.66E-07	5.50E-07	1.99E-10	5.99E-10	3.47E-10	3.42E-10	3.10E-10	1.42E-10	1.38E-10	6.63E-12	1.60E-10	3.53E-11	4.65E-11	7.38E-11	1.30E-11	7.22E-11	4.08E-10
4264	495863.09	3856377.25	5.38E-07	5.31E-07	5.15E-07	1.86E-10	5.62E-10	3.25E-10	3.21E-10	2.91E-10	1.33E-10	1.29E-10	6.22E-12	1.50E-10	3.31E-11	4.36E-11	6.92E-11	1.22E-11	6.77E-11	3.82E-10
4265	496363.09	3856377.25	5.24E-07	5.18E-07	5.03E-07	1.82E-10	5.48E-10	3.17E-10	3.13E-10	2.84E-10	1.30E-10	1.26E-10	6.06E-12	1.46E-10	3.23E-11	4.25E-11	6.75E-11	1.19E-11	6.60E-11	3.73E-10
4266	496863.09	3856377.25	5.40E-07	5.32E-07	5.17E-07	1.87E-10	5.64E-10	3.26E-10	3.22E-10	2.92E-10	1.33E-10	1.29E-10	6.24E-12	1.51E-10	3.32E-11	4.37E-11	6.94E-11	1.22E-11	6.79E-11	3.83E-10
4267	497363.09	3856377.25	5.53E-07	5.46E-07	5.30E-07	1.91E-10	5.78E-10	3.35E-10	3.30E-10	2.99E-10	1.37E-10	1.33E-10	6.39E-12	1.54E-10	3.41E-11	4.49E-11	7.12E-11	1.25E-11	6.96E-11	3.93E-10
4268	497863.09	3856377.25	5.83E-07	5.75E-07	5.59E-07	2.02E-10	6.09E-10	3.53E-10	3.48E-10	3.15E-10	1.44E-10	1.40E-10	6.74E-12	1.63E-10	3.59E-11	4.72E-11	7.50E-11	1.32E-11	7.34E-11	4.14E-10
4269	498363.09	3856377.25	6.28E-07	6.20E-07	6.02E-07	2.17E-10	6.57E-10	3.80E-10	3.75E-10	3.40E-10	1.55E-10	1.51E-10	7.26E-12	1.75E-10	3.87E-11	5.09E-11	8.08E-11	1.42E-11	7.91E-11	4.46E-10
4270	471363.09	3856877.25	7.44E-08	7.35E-08	7.13E-08	2.58E-11	7.78E-11	4.50E-11	4.45E-11	4.03E-11	1.84E-11	1.79E-11	8.60E-13	2.08E-11	4.59E-12	6.04E-12	9.57E-12	1.69E-12	9.37E-12	5.29E-11
4271	471863.09	3856877.25	7.63E-08	7.53E-08	7.31E-08	2.64E-11	7.97E-11	4.61E-11	4.55E-11	4.13E-11	1.88E-11	1.83E-11	8.82E-13	2.13E-11	4.70E-12	6.18E-12	9.81E-12	1.73E-12	9.60E-12	5.42E-11
4272	472363.09	3856877.25	8.02E-08	7.91E-08	7.68E-08	2.77E-11	8.38E-11	4.85E-11	4.79E-11	4.34E-11	1.98E-11	1.92E-11	9.27E-13	2.24E-11	4.94E-12	6.50E-12	1.03E-11	1.82E-12	1.01E-11	5.70E-11
4273	472863.09	3856877.25	8.43E-08	8.32E-08	8.08E-08	2.92E-11	8.81E-11	5.10E-11	5.04E-11	4.56E-11	2.08E-11	2.02E-11	9.75E-13	2.35E-11	5.20E-12	6.84E-12	1.08E-11	1.91E-12	1.06E-11	5.99E-11
4274	473363.09	3856877.25	9.17E-08	9.05E-08	8.79E-08	3.18E-11	9.59E-11	5.55E-11	5.48E-11	4.97E-11	2.27E-11	2.20E-11	1.06E-12	2.56E-11	5.65E-12	7.44E-12	1.18E-11	2.08E-12	1.15E-11	6.52E-11
4275	473863.09	3856877.25	9.66E-08	9.53E-08	9.25E-08	3.34E-11	1.01E-10	5.84E-11	5.77E-11	5.23E-11	2.39E-11	2.32E-11	1.12E-12	2.70E-11	5.95E-12	7.83E-12	1.24E-11	2.19E-12	1.22E-11	6.86E-11
4276	474363.09	3856877.25	9.59E-08	9.47E-08	9.19E-08	3.32E-11	1.00E-10	5.80E-11	5.73E-11	5.19E-11	2.37E-11	2.30E-11	1.11E-12	2.68E-11	5.91E-12	7.78E-12	1.23E-11	2.17E-12	1.21E-11	6.82E-11
4277	474863.09	3856877.25	9.33E-08	9.21E-08	8.94E-08	3.23E-11	9.75E-11	5.65E-11	5.57E-11	5.05E-11	2.30E-11	2.24E-11	1.08E-12	2.61E-11	5.75E-12	7.57E-12	1.20E-11	2.12E-12	1.17E-11	6.63E-11
4278	475363.09	3856877.25	8.52E-08	8.41E-08	8.17E-08	2.95E-11	8.91E-11	5.16E-11	5.09E-11	4.61E-11	2.11E-11	2.04E-11	9.85E-13	2.38E-11	5.25E-12	6.91E-12	1.10E-11	1.93E-12	1.07E-11	6.06E-11
4279	475863.09	3856877.25	8.67E-08	8.55E-08	8.31E-08	3.00E-11	9.06E-11	5.24E-11	5.18E-11	4.69E-11	2.14E-11	2.08E-11	1.00E-12	2.42E-11	5.34E-12	7.03E-12	1.11E-11	1.96E-12	1.09E-11	6.16E-11
4280	476363.09	3856877.25	7.99E-08	7.89E-08	7.66E-08	2.77E-11	8.35E-11	4.83E-11	4.77E-11	4.33E-11	1.97E-11	1.92E-11	9.24E-13	2.23E-11	4.92E-12	6.48E-12	1.03E-11	1.81E-12	1.01E-11	5.68E-11
4281	476863.09	3856877.25	7.87E-08	7.77E-08	7.55E-08	2.73E-11	8.23E-11	4.76E-11	4.70E-11	4.26E-11	1.94E-11	1.89E-11	9.10E-13	2.20E-11	4.85E-12	6.38E-12	1.01E-11	1.78E-12	9.91E-12	5.60E-11
4282	477363.09	3856877.25	7.27E-08	7.18E-08	6.97E-08	2.52E-11	7.60E-11	4.40E-11	4.34E-11	3.94E-11	1.80E-11	1.74E-11	8.41E-13	2.03E-11	4.48E-12	5.90E-12	9.36E-12	1.65E-12	9.16E-12	5.17E-11
4283	477863.09	3856877.25	5.41E-08	5.34E-08	5.19E-08	1.87E-11	5.66E-11	3.28E-11	3.23E-11	2.93E-11	1.34E-11	1.30E-11	6.26E-13	1.51E-11	3.34E-12	4.39E-12	6.96E-12	1.23E-12	6.81E-12	3.85E-11
4284	478363.09	3856877.25	4.95E-08	4.88E-08	4.74E-08	1.71E-11	5.17E-11	2.99E-11	2.95E-11	2.68E-11	1.22E-11	1.19E-11	5.72E-13	1.38E-11	3.05E-12	4.01E-12	6.36E-12	1.12E-12	6.23E-12	3.51E-11
4285	478863.09	3856877.25	6.08E-08	6.00E-08	5.82E-08	2.10E-11	6.35E-11	3.68E-11	3.63E-11	3.29E-11	1.50E-11	1.46E-11	7.02E-13	1.70E-11	3.74E-12	4.93E-12	7.82E-12	1.38E-12	7.65E-12	4.32E-11
4286	479363.09	3856877.25	7.82E-08	7.72E-08	7.50E-08	2.71E-11	8.17E-11	4.73E-11	4.67E-11	4.23E-11	1.93E-11	1.88E-11	9.04E-13	2.18E-11	4.82E-12	6.34E-12	1.01E-11	1.77E-12	9.85E-12	5.56E-11

4287	479863.09	3856877.25	1.53E-07	1.51E-07	1.47E-07	5.31E-11	1.60E-10	9.28E-11	9.16E-11	8.31E-11	3.79E-11	3.68E-11	1.77E-12	4.28E-11	9.45E-12	1.24E-11	1.97E-11	3.48E-12	1.93E-11	1.09E-10
4288	480363.09	3856877.25	2.09E-07	2.06E-07	2.00E-07	7.22E-11	2.18E-10	1.26E-10	1.25E-10	1.13E-10	5.15E-11	5.00E-11	2.41E-12	5.82E-11	1.29E-11	1.69E-11	2.68E-11	4.73E-12	2.63E-11	1.48E-10
4289	480863.09	3856877.25	2.60E-07	2.57E-07	2.49E-07	9.00E-11	2.72E-10	1.57E-10	1.55E-10	1.41E-10	6.42E-11	6.24E-11	3.01E-12	7.26E-11	1.60E-11	2.11E-11	3.34E-11	5.89E-12	3.27E-11	1.85E-10
4290	481363.09	3856877.25	3.05E-07	3.01E-07	2.92E-07	1.05E-10	3.18E-10	1.84E-10	1.82E-10	1.65E-10	7.52E-11	7.30E-11	3.52E-12	8.50E-11	1.88E-11	2.47E-11	3.92E-11	6.90E-12	3.83E-11	2.16E-10
4291	481863.09	3856877.25	3.40E-07	3.36E-07	3.26E-07	1.18E-10	3.55E-10	2.06E-10	2.03E-10	1.84E-10	8.40E-11	8.16E-11	3.93E-12	9.49E-11	2.10E-11	2.76E-11	4.37E-11	7.71E-12	4.28E-11	2.42E-10
4292	482363.09	3856877.25	3.82E-07	3.77E-07	3.66E-07	1.32E-10	4.00E-10	2.31E-10	2.28E-10	2.07E-10	9.44E-11	9.17E-11	4.42E-12	1.07E-10	2.36E-11	3.10E-11	4.92E-11	8.67E-12	4.81E-11	2.72E-10
4293	482863.09	3856877.25	4.19E-07	4.13E-07	4.01E-07	1.45E-10	4.38E-10	2.53E-10	2.50E-10	2.27E-10	1.03E-10	1.00E-10	4.84E-12	1.17E-10	2.58E-11	3.40E-11	5.39E-11	9.49E-12	5.27E-11	2.98E-10
4294	483363.09	3856877.25	4.60E-07	4.54E-07	4.41E-07	1.59E-10	4.81E-10	2.79E-10	2.75E-10	2.49E-10	1.14E-10	1.10E-10	5.32E-12	1.29E-10	2.84E-11	3.73E-11	5.92E-11	1.04E-11	5.79E-11	3.27E-10
4295	483863.09	3856877.25	5.07E-07	5.01E-07	4.86E-07	1.76E-10	5.30E-10	3.07E-10	3.03E-10	2.75E-10	1.25E-10	1.22E-10	5.86E-12	1.42E-10	3.13E-11	4.11E-11	6.52E-11	1.15E-11	6.39E-11	3.60E-10
4296	484363.09	3856877.25	5.60E-07	5.53E-07	5.37E-07	1.94E-10	5.86E-10	3.39E-10	3.35E-10	3.03E-10	1.38E-10	1.34E-10	6.48E-12	1.56E-10	3.45E-11	4.54E-11	7.21E-11	1.27E-11	7.05E-11	3.98E-10
4297	484863.09	3856877.25	6.18E-07	6.10E-07	5.93E-07	2.14E-10	6.46E-10	3.74E-10	3.69E-10	3.35E-10	1.53E-10	1.48E-10	7.15E-12	1.73E-10	3.81E-11	5.01E-11	7.95E-11	1.40E-11	7.78E-11	4.39E-10
4298	485363.09	3856877.25	7.06E-07	6.97E-07	6.76E-07	2.44E-10	7.38E-10	4.27E-10	4.22E-10	3.82E-10	1.74E-10	1.69E-10	8.16E-12	1.97E-10	4.35E-11	5.72E-11	9.08E-11	1.60E-11	8.89E-11	5.02E-10
4299	485863.09	3856877.25	8.23E-07	8.12E-07	7.89E-07	2.85E-10	8.60E-10	4.98E-10	4.92E-10	4.46E-10	2.03E-10	1.97E-10	9.52E-12	2.30E-10	5.07E-11	6.67E-11	1.06E-10	1.87E-11	1.04E-10	5.85E-10
4300	486363.09	3856877.25	8.04E-07	7.93E-07	7.70E-07	2.78E-10	8.40E-10	4.86E-10	4.80E-10	4.35E-10	1.99E-10	1.93E-10	9.29E-12	2.24E-10	4.95E-11	6.52E-11	1.03E-10	1.82E-11	1.01E-10	5.71E-10
4301	486863.09	3856877.25	9.17E-07	9.05E-07	8.79E-07	3.18E-10	9.59E-10	5.55E-10	5.48E-10	4.97E-10	2.27E-10	2.20E-10	1.06E-11	2.56E-10	5.65E-11	7.44E-11	1.18E-10	2.08E-11	1.15E-10	6.52E-10
4302	487363.09	3856877.25	1.14E-06	1.12E-06	1.09E-06	3.93E-10	1.19E-09	6.88E-10	6.79E-10	6.15E-10	2.81E-10	2.73E-10	1.31E-11	3.17E-10	7.00E-11	9.21E-11	1.46E-10	2.58E-11	1.43E-10	8.08E-10
4303	487863.09	3856877.25	1.24E-06	1.22E-06	1.19E-06	4.28E-10	1.29E-09	7.48E-10	7.39E-10	6.70E-10	3.06E-10	2.97E-10	1.43E-11	3.45E-10	7.62E-11	1.00E-10	1.59E-10	2.80E-11	1.56E-10	8.79E-10
4304	488363.09	3856877.25	1.38E-06	1.36E-06	1.32E-06	4.76E-10	1.44E-09	8.32E-10	8.21E-10	7.44E-10	3.40E-10	3.30E-10	1.59E-11	3.84E-10	8.47E-11	1.12E-10	1.77E-10	3.12E-11	1.73E-10	9.77E-10
4305	488863.09	3856877.25	1.54E-06	1.52E-06	1.48E-06	5.34E-10	1.61E-09	9.33E-10	9.21E-10	8.35E-10	3.81E-10	3.70E-10	1.78E-11	4.31E-10	9.51E-11	1.25E-10	1.98E-10	3.50E-11	1.94E-10	1.10E-09
4306	489363.09	3856877.25	1.71E-06	1.69E-06	1.64E-06	5.93E-10	1.79E-09	1.04E-09	1.02E-09	9.28E-10	4.23E-10	4.11E-10	1.98E-11	4.78E-10	1.06E-10	1.39E-10	2.20E-10	3.88E-11	2.16E-10	1.22E-09
4307	489863.09	3856877.25	1.95E-06	1.92E-06	1.87E-06	6.74E-10	2.04E-09	1.18E-09	1.16E-09	1.05E-09	4.81E-10	4.67E-10	2.25E-11	5.44E-10	1.20E-10	1.58E-10	2.50E-10	4.41E-11	2.45E-10	1.38E-09
4308	490363.09	3856877.25	2.36E-06	2.33E-06	2.26E-06	8.16E-10	2.47E-09	1.43E-09	1.41E-09	1.28E-09	5.83E-10	5.66E-10	2.73E-11	6.59E-10	1.45E-10	1.91E-10	3.03E-10	5.35E-11	2.97E-10	1.68E-09
4309	490863.09	3856877.25	3.20E-06	3.15E-06	3.06E-06	1.11E-09	3.34E-09	1.93E-09	1.91E-09	1.73E-09	7.89E-10	7.67E-10	3.69E-11	8.92E-10	1.97E-10	2.59E-10	4.11E-10	7.24E-11	4.02E-10	2.27E-09
4310	491363.09	3856877.25	5.31E-06	5.24E-06	5.09E-06	1.84E-09	5.55E-09	3.21E-09	3.17E-09	2.87E-09	1.31E-09	1.27E-09	6.13E-11	1.48E-09	3.27E-10	4.30E-10	6.82E-10	1.20E-10	6.68E-10	3.77E-09
4311	491863.09	3856877.25	2.28E-05	2.25E-05	2.19E-05	7.91E-09	2.39E-08	1.38E-08	1.36E-08	1.24E-08	5.64E-09	5.48E-09	2.64E-10	6.38E-09	1.41E-09	1.85E-09	2.94E-09	5.18E-10	2.88E-09	1.62E-08
4312	492363.09	3856877.25	2.41E-05	2.38E-05	2.31E-05	8.34E-09	2.52E-08	1.46E-08	1.44E-08	1.30E-08	5.95E-09	5.78E-09	2.79E-10	6.73E-09	1.48E-09	1.95E-09	3.10E-09	5.46E-10	3.03E-09	1.71E-08
4313	492863.09	3856877.25	6.18E-06	6.10E-06	5.92E-06	2.14E-09	6.46E-09	3.74E-09	3.69E-09	3.34E-09	1.53E-09	1.48E-09	7.14E-11	1.72E-09	3.81E-10	5.01E-10	7.94E-10	1.40E-10	7.78E-10	4.39E-09
4314	493363.09	3856877.25	3.05E-06	3.01E-06	2.92E-06	1.05E-09	3.19E-09	1.84E-09	1.82E-09	1.65E-09	7.53E-10	7.31E-10	3.52E-11	8.51E-10	1.88E-10	2.47E-10	3.92E-10	6.91E-11	3.84E-10	2.17E-09
4315	493863.09	3856877.25	1.84E-06	1.82E-06	1.77E-06	6.38E-10	1.93E-09	1.12E-09	1.10E-09	9.98E-10	4.56E-10	4.42E-10	2.13E-11	5.15E-10	1.14E-10	1.50E-10	2.37E-10	4.18E-11	2.32E-10	1.31E-09
4316	494363.09	3856877.25	1.27E-06	1.25E-06	1.22E-06	4.39E-10	1.33E-09	7.68E-10	7.58E-10	6.87E-10	3.14E-10	3.05E-10	1.47E-11	3.54E-10	7.82E-11	1.03E-10	1.63E-10	2.88E-11	1.60E-10	9.02E-10
4317	494863.09	3856877.25	1.00E-06	9.88E-07	9.60E-07	3.47E-10	1.05E-09	6.06E-10	5.98E-10	5.42E-10	2.47E-10	2.40E-10	1.16E-11	2.80E-10	6.17E-11	8.12E-11	1.29E-10	2.27E-11	1.26E-10	7.12E-10
4318	495363.09	3856877.25	8.45E-07	8.34E-07	8.09E-07	2.92E-10	8.83E-10	5.11E-10	5.04E-10	4.57E-10	2.09E-10	2.03E-10	9.76E-12	2.36E-10	5.20E-11	6.85E-11	1.09E-10	1.91E-11	1.06E-10	6.00E-10
4319	495863.09	3856877.25	7.74E-07	7.63E-07	7.41E-07	2.68E-10	8.08E-10	4.68E-10	4.62E-10	4.19E-10	1.91E-10	1.86E-10	8.94E-12	2.16E-10	4.77E-11	6.27E-11	9.95E-11	1.75E-11	9.74E-11	5.50E-10
4320	496363.09	3856877.25	7.23E-07	7.14E-07	6.93E-07	2.50E-10	7.56E-10	4.38E-10	4.32E-10	3.92E-10	1.79E-10	1.74E-10	8.36E-12	2.02E-10	4.46E-11	5.87E-11	9.30E-11	1.64E-11	9.11E-11	5.14E-10
4321	496863.09	3856877.25	7.01E-07	6.92E-07	6.72E-07	2.43E-10	7.33E-10	4.24E-10	4.19E-10	3.80E-10	1.73E-10	1.68E-10	8.11E-12	1.96E-10	4.32E-11	5.69E-11	9.02E-11	1.59E-11	8.83E-11	4.98E-10
4322	497363.09	3856877.25	7.03E-07	6.94E-07	6.74E-07	2.43E-10	7.35E-10	4.25E-10	4.20E-10	3.81E-10	1.74E-10	1.69E-10	8.13E-12	1.96E-10	4.33E-11	5.70E-11	9.04E-11	1.59E-11	8.85E-11	5.00E-10
4323	497863.09	3856877.25	7.52E-07	7.43E-07	7.21E-07	2.60E-10	7.86E-10	4.55E-10	4.49E-10	4.07E-10	1.86E-10	1.80E-10	8.70E-12	2.10E-10	4.64E-11	6.10E-11	9.68E-11	1.71E-11	9.47E-11	5.35E-10
4324	498363.09	3856877.25	8.27E-07	8.16E-07	7.92E-07	2.86E-10	8.64E-10	5.00E-10	4.94E-10	4.48E-10	2.04E-10	1.98E-10	9.56E-12	2.31E-10	5.09E-11	6.70E-11	1.06E-10	1.87E-11	1.04E-10	5.88E-10
4325	471363.09	3857377.25	7.81E-08	7.71E-08	7.48E-08	2.70E-11	8.16E-11	4.72E-11	4.66E-11	4.23E-11	1.93E-11	1.87E-11	9.03E-13	2.18E-11	4.81E-12	6.33E-12	1.00E-11	1.77E-12	9.83E-12	5.55E-11
4326	471863.09	3857377.25	7.96E-08	7.86E-08	7.63E-08	2.76E-11	8.32E-11	4.82E-11	4.76E-11	4.31E-11	1.97E-11	1.91E-11	9.21E-13	2.22E-11	4.91E-12	6.46E-12	1.02E-11	1.81E-12	1.00E-11	5.66E-11
4327	472363.09	3857377.25	8.32E-08	8.21E-08	7.97E-08	2.88E-11	8.69E-11	5.03E-11	4.97E-11	4.50E-11	2.05E-11	1.99E-11	9.61E-13	2.32E-11	5.12E-12	6.74E-12	1.07E-11	1.89E-12	1.05E-11	5.91E-11
4328	472863.09	3857377.25	8.76E-08	8.64E-08	8.39E-08	3.03E-11	9.15E-11	5.30E-11	5.23E-11	4.74E-11	2.16E-11	2.10E-11	1.01E-12	2.45E-11	5.40E-12	7.10E-12	1.13E-11	1.99E-12	1.10E-11	6.22E-11
4329	473363.09	3857377.25	9.34E-08	9.22E-08	8.95E-08	3.23E-11	9.77E-11	5.65E-11	5.58E-11	5.06E-11	2.31E-11	2.24E-11	1.08E-12	2.61E-11	5.76E-12	7.58E-12	1.20E-11	2.12E-12	1.18E-11	6.64E-11
4330	473863.09	3857377.25	1.01E-07	9.93E-08	9.64E-08	3.48E-11	1.05E-10	6.09E-11	6.01E-11	5.45E-11	2.48E-11	2.41E-11	1.16E-12	2.81E-11	6.20E-12	8.16E-12	1.29E-11	2.28E-12	1.27E-11	7.15E-11
4331	474363.09	3857377.25	9.71E-08	9.58E-08	9.30E-08	3.36E-11	1.01E-10	5.87E-11	5.80E-11	5.26E-11	2.40E-11	2.33E-11	1.12E-12	2.71E-11	5.98E-12	7.87E-12	1.25E-11	2.20E-12	1.22E-11	6.90E-11
4332	474863.09	3857377.25	8.20E-08	8.09E-08	7.86E-08	2.84E-11	8.57E-11	4.96E-11	4.90E-11	4.44E-11	2.03E-11	1.97E-11	9.48E-13	2.29E-11	5.05E-12	6.65E-12	1.05E-11	1.86E-12	1.03E-11	5.83E-11
4333	475363.09	3857377.25	6.42E-08	6.33E-08	6.15E-08	2.22E-11	6.71E-11	3.88E-11	3.83E-11	3.47E-11	1.58E-11	1.54E-11	7.42E-13	1.79E-11	3.95E-12	5.20E-12	8.25E-12	1.45E-12	8.08E-12	4.56E-11
4334	475863.09	3857377.25	6.12E-08	6.04E-08	5.86E-08	2.12E-11	6.39E-11	3.70E-11	3.65E-11	3.31E-11	1.51E-11	1.47E-11	7.07E-13	1.71E-11	3.77E-12	4.96E-12	7.87E-12	1.39E-12	7.70E-12	4.35E-11
4335	476363.09	3857377.25	7.51E-08	7.41E-08	7.20E-08	2.60E-11	7.85E-11	4.54E-11	4.48E-11	4.06E-11	1.85E-11	1.80E-11	8.68E-13	2.10E-11	4.63E-12	6.09E-12	9.66E-12	1.70E-12	9.45E-12	5.34E-11
4336	476863.09	3857377.25	7.87E-08	7.77E-08	7.55E-08	2.73E-11	8.23E-11	4.76E-11	4.70E-11	4.26E-11	1.94E-11	1.89E-11	9.10E-13	2.20E-11	4.85E-12	6.38E-12	1.01E-11	1.78E-12	9.91E-12	5.60E-11
4337	477363.09	3857377.25	7.29E-08	7.19E-08	6.98E-08	2.52E-11	7.62E-11	4.41E-11	4.35E-11	3.95E-11	1.80E-11	1.75E-11	8.42E-13	2.03E-11	4.49E-12	5.91E-12	9.37E-12	1.65E-12	9.17E-12	5.18E-11
4338	477863.09	3857377.25	5.93E-08	5.86E-08	5.69E-08	2.05E-11	6.20E-11	3.59E-11	3.54E-11	3.21E-11	1.47E-11	1.42E-11	6.86E-13	1.66E-11	3.66E-12	4.81E-12	7.63E-12	1.35E-12	7.47E-12	4.22E-11
4339	478363.09	3857377.25	4.89E-08	4.83E-08	4.69E-08	1.69E-11	5.11E-11	2.96E-11	2.92E-11	2.65E-11	1.21E-11	1.17E-11	5.66E-13	1.37E-11	3.01E-12	3.97E-12	6.29E-12	1.11E-12	6.16E-12	3.48E-11

4340	478863.09	3857377.25	4.42E-08	4.37E-08	4.24E-08	1.53E-11	4.62E-11	2.68E-11	2.64E-11	2.40E-11	1.09E-11	1.06E-11	5.11E-13	1.24E-11	2.73E-12	3.59E-12	5.69E-12	1.00E-12	5.57E-12	3.14E-11
4341	479363.09	3857377.25	6.36E-08	6.28E-08	6.10E-08	2.20E-11	6.65E-11	3.85E-11	3.80E-11	3.44E-11	1.57E-11	1.53E-11	7.36E-13	1.78E-11	3.92E-12	5.16E-12	8.18E-12	1.44E-12	8.01E-12	4.52E-11
4342	479863.09	3857377.25	1.32E-07	1.30E-07	1.27E-07	4.57E-11	1.38E-10	7.99E-11	7.89E-11	7.15E-11	3.26E-11	3.17E-11	1.53E-12	3.69E-11	8.14E-12	1.07E-11	1.70E-11	2.99E-12	1.66E-11	9.39E-11
4343	480363.09	3857377.25	1.18E-07	1.16E-07	1.13E-07	4.08E-11	1.23E-10	7.13E-11	7.03E-11	6.38E-11	2.91E-11	2.82E-11	1.36E-12	3.29E-11	7.26E-12	9.55E-12	1.51E-11	2.67E-12	1.48E-11	8.37E-11
4344	480863.09	3857377.25	2.56E-07	2.53E-07	2.46E-07	8.88E-11	2.68E-10	1.55E-10	1.53E-10	1.39E-10	6.34E-11	6.15E-11	2.96E-12	7.16E-11	1.58E-11	2.08E-11	3.30E-11	5.81E-12	3.23E-11	1.82E-10
4345	481363.09	3857377.25	2.78E-07	2.74E-07	2.67E-07	9.63E-11	2.91E-10	1.68E-10	1.66E-10	1.51E-10	6.87E-11	6.67E-11	3.21E-12	7.77E-11	1.71E-11	2.25E-11	3.58E-11	6.30E-12	3.50E-11	1.98E-10
4346	481863.09	3857377.25	3.28E-07	3.23E-07	3.14E-07	1.13E-10	3.42E-10	1.98E-10	1.96E-10	1.77E-10	8.09E-11	7.86E-11	3.79E-12	9.15E-11	2.02E-11	2.66E-11	4.21E-11	7.42E-12	4.12E-11	2.33E-10
4347	482363.09	3857377.25	3.86E-07	3.81E-07	3.70E-07	1.34E-10	4.03E-10	2.33E-10	2.30E-10	2.09E-10	9.53E-11	9.25E-11	4.46E-12	1.08E-10	2.38E-11	3.13E-11	4.96E-11	8.74E-12	4.86E-11	2.74E-10
4348	482863.09	3857377.25	4.32E-07	4.27E-07	4.14E-07	1.50E-10	4.52E-10	2.62E-10	2.58E-10	2.34E-10	1.07E-10	1.04E-10	5.00E-12	1.21E-10	2.66E-11	3.51E-11	5.56E-11	9.80E-12	5.44E-11	3.07E-10
4349	483363.09	3857377.25	4.86E-07	4.79E-07	4.66E-07	1.68E-10	5.08E-10	2.94E-10	2.90E-10	2.63E-10	1.20E-10	1.17E-10	5.62E-12	1.36E-10	2.99E-11	3.94E-11	6.25E-11	1.10E-11	6.12E-11	3.45E-10
4350	483863.09	3857377.25	5.50E-07	5.43E-07	5.27E-07	1.90E-10	5.75E-10	3.33E-10	3.29E-10	2.98E-10	1.36E-10	1.32E-10	6.36E-12	1.54E-10	3.39E-11	4.46E-11	7.08E-11	1.25E-11	6.93E-11	3.91E-10
4351	484363.09	3857377.25	6.26E-07	6.18E-07	6.00E-07	2.17E-10	6.55E-10	3.79E-10	3.74E-10	3.39E-10	1.55E-10	1.50E-10	7.24E-12	1.75E-10	3.86E-11	5.08E-11	8.06E-11	1.42E-11	7.88E-11	4.45E-10
4352	484863.09	3857377.25	7.19E-07	7.10E-07	6.89E-07	2.49E-10	7.51E-10	4.35E-10	4.29E-10	3.89E-10	1.78E-10	1.72E-10	8.31E-12	2.01E-10	4.43E-11	5.83E-11	9.25E-11	1.63E-11	9.05E-11	5.11E-10
4353	485363.09	3857377.25	8.29E-07	8.19E-07	7.95E-07	2.87E-10	8.67E-10	5.02E-10	4.95E-10	4.49E-10	2.05E-10	1.99E-10	9.59E-12	2.32E-10	5.11E-11	6.73E-11	1.07E-10	1.88E-11	1.04E-10	5.89E-10
4354	485863.09	3857377.25	9.61E-07	9.49E-07	9.21E-07	3.33E-10	1.00E-09	5.81E-10	5.74E-10	5.20E-10	2.37E-10	2.31E-10	1.11E-11	2.68E-10	5.92E-11	7.79E-11	1.24E-10	2.18E-11	1.21E-10	6.83E-10
4355	486363.09	3857377.25	1.15E-06	1.14E-06	1.11E-06	4.00E-10	1.21E-09	6.98E-10	6.89E-10	6.25E-10	2.85E-10	2.77E-10	1.33E-11	3.22E-10	7.11E-11	9.36E-11	1.48E-10	2.62E-11	1.45E-10	8.20E-10
4356	486863.09	3857377.25	1.29E-06	1.28E-06	1.24E-06	4.48E-10	1.35E-09	7.83E-10	7.73E-10	7.01E-10	3.20E-10	3.11E-10	1.50E-11	3.62E-10	7.98E-11	1.05E-10	1.67E-10	2.94E-11	1.63E-10	9.20E-10
4357	487363.09	3857377.25	1.60E-06	1.58E-06	1.53E-06	5.53E-10	1.67E-09	9.67E-10	9.54E-10	8.65E-10	3.95E-10	3.83E-10	1.85E-11	4.46E-10	9.84E-11	1.30E-10	2.05E-10	3.62E-11	2.01E-10	1.14E-09
4358	487863.09	3857377.25	2.05E-06	2.02E-06	1.96E-06	7.09E-10	2.14E-09	1.24E-09	1.22E-09	1.11E-09	5.06E-10	4.91E-10	2.37E-11	5.72E-10	1.26E-10	1.66E-10	2.64E-10	4.64E-11	2.58E-10	1.46E-09
4359	488363.09	3857377.25	2.25E-06	2.22E-06	2.16E-06	7.79E-10	2.35E-09	1.36E-09	1.34E-09	1.22E-09	5.56E-10	5.40E-10	2.60E-11	6.29E-10	1.39E-10	1.83E-10	2.90E-10	5.10E-11	2.83E-10	1.60E-09
4360	488863.09	3857377.25	2.61E-06	2.57E-06	2.50E-06	9.03E-10	2.73E-09	1.58E-09	1.56E-09	1.41E-09	6.44E-10	6.25E-10	3.01E-11	7.28E-10	1.61E-10	2.11E-10	3.35E-10	5.91E-11	3.28E-10	1.85E-09
4361	489363.09	3857377.25	2.98E-06	2.94E-06	2.86E-06	1.03E-09	3.12E-09	1.80E-09	1.78E-09	1.61E-09	7.37E-10	7.15E-10	3.45E-11	8.33E-10	1.84E-10	2.42E-10	3.84E-10	6.76E-11	3.75E-10	2.12E-09
4362	489863.09	3857377.25	3.50E-06	3.46E-06	3.36E-06	1.21E-09	3.66E-09	2.12E-09	2.09E-09	1.90E-09	8.66E-10	8.41E-10	4.05E-11	9.79E-10	2.16E-10	2.84E-10	4.51E-10	7.94E-11	4.41E-10	2.49E-09
4363	490363.09	3857377.25	4.28E-06	4.23E-06	4.10E-06	1.48E-09	4.47E-09	2.59E-09	2.56E-09	2.32E-09	1.06E-09	1.03E-09	4.95E-11	1.20E-09	2.64E-10	3.47E-10	5.51E-10	9.70E-11	5.39E-10	3.04E-09
4364	490863.09	3857377.25	6.08E-06	6.00E-06	5.83E-06	2.10E-09	6.35E-09	3.68E-09	3.63E-09	3.29E-09	1.50E-09	1.46E-09	7.03E-11	1.70E-09	3.75E-10	4.93E-10	7.82E-10	1.38E-10	7.65E-10	4.32E-09
4365	491363.09	3857377.25	1.46E-05	1.44E-05	1.40E-05	5.06E-09	1.53E-08	8.85E-09	8.74E-09	7.92E-09	3.61E-09	3.51E-09	1.69E-10	4.09E-09	9.01E-10	1.19E-09	1.88E-09	3.32E-10	1.84E-09	1.04E-08
4366	491863.09	3857377.25	2.85E-05	2.82E-05	2.74E-05	9.88E-09	2.98E-08	1.73E-08	1.70E-08	1.55E-08	7.05E-09	6.85E-09	3.30E-10	7.97E-09	1.76E-09	2.31E-09	3.67E-09	6.47E-10	3.59E-09	2.03E-08
4367	492363.09	3857377.25	8.67E-06	8.56E-06	8.31E-06	3.00E-09	9.06E-09	5.25E-09	5.18E-09	4.69E-09	2.14E-09	2.08E-09	1.00E-10	2.42E-09	5.34E-10	7.03E-10	1.12E-09	1.97E-10	1.09E-09	6.16E-09
4368	492863.09	3857377.25	4.53E-06	4.47E-06	4.34E-06	1.57E-09	4.73E-09	2.74E-09	2.70E-09	2.45E-09	1.12E-09	1.09E-09	5.23E-11	1.26E-09	2.79E-10	3.67E-10	5.82E-10	1.03E-10	5.70E-10	3.22E-09
4369	493363.09	3857377.25	2.82E-06	2.78E-06	2.70E-06	9.76E-10	2.95E-09	1.71E-09	1.68E-09	1.53E-09	6.96E-10	6.76E-10	3.26E-11	7.87E-10	1.74E-10	2.29E-10	3.63E-10	6.39E-11	3.55E-10	2.00E-09
4370	493863.09	3857377.25	2.13E-06	2.11E-06	2.05E-06	7.39E-10	2.23E-09	1.29E-09	1.27E-09	1.16E-09	5.27E-10	5.12E-10	2.47E-11	5.96E-10	1.31E-10	1.73E-10	2.74E-10	4.84E-11	2.69E-10	1.52E-09
4371	494363.09	3857377.25	1.62E-06	1.60E-06	1.56E-06	5.62E-10	1.70E-09	9.82E-10	9.69E-10	8.79E-10	4.01E-10	3.89E-10	1.88E-11	4.53E-10	1.00E-10	1.32E-10	2.09E-10	3.68E-11	2.04E-10	1.15E-09
4372	494863.09	3857377.25	1.34E-06	1.32E-06	1.29E-06	4.64E-10	1.40E-09	8.11E-10	8.01E-10	7.26E-10	3.31E-10	3.22E-10	1.55E-11	3.74E-10	8.26E-11	1.09E-10	1.72E-10	3.04E-11	1.69E-10	9.53E-10
4373	495363.09	3857377.25	1.13E-06	1.12E-06	1.09E-06	3.92E-10	1.18E-09	6.85E-10	6.76E-10	6.13E-10	2.80E-10	2.72E-10	1.31E-11	3.16E-10	6.98E-11	9.18E-11	1.46E-10	2.57E-11	1.43E-10	8.05E-10
4374	495863.09	3857377.25	1.02E-06	1.00E-06	9.73E-07	3.51E-10	1.06E-09	6.14E-10	6.06E-10	5.50E-10	2.51E-10	2.44E-10	1.17E-11	2.83E-10	6.26E-11	8.23E-11	1.31E-10	2.30E-11	1.28E-10	7.22E-10
4375	496363.09	3857377.25	9.32E-07	9.20E-07	8.93E-07	3.23E-10	9.74E-10	5.64E-10	5.57E-10	5.05E-10	2.30E-10	2.24E-10	1.08E-11	2.60E-10	5.74E-11	7.56E-11	1.20E-10	2.11E-11	1.17E-10	6.62E-10
4376	496863.09	3857377.25	8.74E-07	8.62E-07	8.37E-07	3.02E-10	9.13E-10	5.29E-10	5.22E-10	4.73E-10	2.16E-10	2.10E-10	1.01E-11	2.44E-10	5.38E-11	7.08E-11	1.12E-10	1.98E-11	1.10E-10	6.21E-10
4377	497363.09	3857377.25	8.62E-07	8.51E-07	8.26E-07	2.98E-10	9.01E-10	5.22E-10	5.15E-10	4.67E-10	2.13E-10	2.07E-10	9.96E-12	2.41E-10	5.31E-11	6.99E-11	1.11E-10	1.95E-11	1.09E-10	6.13E-10
4378	497863.09	3857377.25	8.87E-07	8.76E-07	8.50E-07	3.07E-10	9.27E-10	5.37E-10	5.30E-10	4.80E-10	2.19E-10	2.13E-10	1.03E-11	2.48E-10	5.47E-11	7.19E-11	1.14E-10	2.01E-11	1.12E-10	6.30E-10
4379	498363.09	3857377.25	1.05E-06	1.03E-06	1.00E-06	3.62E-10	1.09E-09	6.32E-10	6.24E-10	5.66E-10	2.58E-10	2.51E-10	1.21E-11	2.92E-10	6.44E-11	8.47E-11	1.34E-10	2.37E-11	1.32E-10	7.43E-10
4380	471363.09	3857877.25	8.13E-08	8.03E-08	7.80E-08	2.82E-11	8.50E-11	4.92E-11	4.86E-11	4.40E-11	2.01E-11	1.95E-11	9.40E-13	2.27E-11	5.01E-12	6.59E-12	1.05E-11	1.84E-12	1.02E-11	5.78E-11
4381	471863.09	3857877.25	8.35E-08	8.25E-08	8.01E-08	2.89E-11	8.73E-11	5.06E-11	4.99E-11	4.52E-11	2.06E-11	2.00E-11	9.66E-13	2.33E-11	5.15E-12	6.77E-12	1.07E-11	1.89E-12	1.05E-11	5.94E-11
4382	472363.09	3857877.25	8.72E-08	8.61E-08	8.36E-08	3.02E-11	9.11E-11	5.28E-11	5.21E-11	4.72E-11	2.15E-11	2.09E-11	1.01E-12	2.43E-11	5.37E-12	7.07E-12	1.12E-11	1.98E-12	1.10E-11	6.20E-11
4383	472863.09	3857877.25	9.34E-08	9.22E-08	8.95E-08	3.23E-11	9.77E-11	5.65E-11	5.58E-11	5.06E-11	2.31E-11	2.24E-11	1.08E-12	2.61E-11	5.76E-12	7.58E-12	1.20E-11	2.12E-12	1.18E-11	6.64E-11
4384	473363.09	3857877.25	9.77E-08	9.65E-08	9.37E-08	3.38E-11	1.02E-10	5.91E-11	5.84E-11	5.29E-11	2.41E-11	2.34E-11	1.13E-12	2.73E-11	6.02E-12	7.92E-12	1.26E-11	2.22E-12	1.23E-11	6.95E-11
4385	473863.09	3857877.25	1.04E-07	1.03E-07	9.99E-08	3.61E-11	1.09E-10	6.31E-11	6.22E-11	5.64E-11	2.57E-11	2.50E-11	1.20E-12	2.91E-11	6.42E-12	8.45E-12	1.34E-11	2.36E-12	1.31E-11	7.41E-11
4386	474363.09	3857877.25	9.85E-08	9.72E-08	9.44E-08	3.41E-11	1.03E-10	5.96E-11	5.88E-11	5.33E-11	2.43E-11	2.36E-11	1.14E-12	2.75E-11	6.07E-12	7.99E-12	1.27E-11	2.23E-12	1.24E-11	7.00E-11
4387	474863.09	3857877.25	8.00E-08	7.90E-08	7.67E-08	2.77E-11	8.37E-11	4.84E-11	4.78E-11	4.33E-11	1.98E-11	1.92E-11	9.25E-13	2.23E-11	4.93E-12	6.49E-12	1.03E-11	1.81E-12	1.01E-11	5.69E-11
4388	475363.09	3857877.25	5.27E-08	5.20E-08	5.05E-08	1.82E-11	5.51E-11	3.19E-11	3.15E-11	2.85E-11	1.30E-11	1.26E-11	6.09E-13	1.47E-11	3.25E-12	4.27E-12	6.78E-12	1.19E-12	6.63E-12	3.75E-11
4389	475863.09	3857877.25	2.88E-08	2.84E-08	2.76E-08	9.96E-12	3.01E-11	1.74E-11	1.72E-11	1.56E-11	7.10E-12	6.90E-12	3.32E-13	8.03E-12	1.77E-12	2.33E-12	3.70E-12	6.52E-13	3.62E-12	2.04E-11
4390	476363.09	3857877.25	5.92E-08	5.84E-08	5.67E-08	2.05E-11	6.19E-11	3.58E-11	3.54E-11	3.21E-11	1.46E-11	1.42E-11	6.84E-13	1.65E-11	3.65E-12	4.80E-12	7.62E-12	1.34E-12	7.45E-12	4.21E-11
4391	476863.09	3857877.25	7.01E-08	6.92E-08	6.72E-08	2.43E-11	7.33E-11	4.24E-11	4.19E-11	3.80E-11	1.73E-11	1.68E-11	8.11E-13	1.96E-11	4.32E-12	5.69E-12	9.02E-12	1.59E-12	8.83E-12	4.98E-11
4392	477363.09	3857877.25	7.04E-08	6.95E-08	6.75E-08	2.44E-11	7.36E-11	4.26E-11	4.20E-11	3.81E-11	1.74E-11	1.69E-11	8.14E-13	1.97E-11	4.34E-12	5.71E-12	9.06E-12	1.60E-12	8.86E-12	5.00E-11

4393	477863.09	3857877.25	6.90E-08	6.81E-08	6.61E-08	2.39E-11	7.21E-11	4.17E-11	4.12E-11	3.73E-11	1.70E-11	1.65E-11	7.97E-13	1.93E-11	4.25E-12	5.59E-12	8.87E-12	1.56E-12	8.68E-12	4.90E-11
4394	478363.09	3857877.25	4.41E-08	4.35E-08	4.23E-08	1.53E-11	4.61E-11	2.67E-11	2.63E-11	2.39E-11	1.09E-11	1.06E-11	5.10E-13	1.23E-11	2.72E-12	3.58E-12	5.67E-12	1.00E-12	5.55E-12	3.14E-11
4395	478863.09	3857877.25	3.83E-08	3.78E-08	3.67E-08	1.32E-11	4.00E-11	2.31E-11	2.28E-11	2.07E-11	9.45E-12	9.18E-12	4.42E-13	1.07E-11	2.36E-12	3.10E-12	4.92E-12	8.67E-13	4.82E-12	2.72E-11
4396	479363.09	3857877.25	1.29E-07	1.28E-07	1.24E-07	4.48E-11	1.35E-10	7.83E-11	7.72E-11	7.00E-11	3.20E-11	3.10E-11	1.50E-12	3.61E-11	7.97E-12	1.05E-11	1.66E-11	2.93E-12	1.63E-11	9.19E-11
4397	479863.09	3857877.25	2.02E-07	2.00E-07	1.94E-07	7.00E-11	2.11E-10	1.22E-10	1.21E-10	1.09E-10	5.00E-11	4.85E-11	2.34E-12	5.65E-11	1.25E-11	1.64E-11	2.60E-11	4.58E-12	2.55E-11	1.44E-10
4398	480363.09	3857877.25	2.40E-07	2.37E-07	2.30E-07	8.30E-11	2.51E-10	1.45E-10	1.43E-10	1.30E-10	5.92E-11	5.75E-11	2.77E-12	6.69E-11	1.48E-11	1.94E-11	3.08E-11	5.43E-12	3.02E-11	1.70E-10
4399	480863.09	3857877.25	2.63E-07	2.59E-07	2.52E-07	9.10E-11	2.75E-10	1.59E-10	1.57E-10	1.42E-10	6.49E-11	6.31E-11	3.04E-12	7.34E-11	1.62E-11	2.13E-11	3.38E-11	5.96E-12	3.31E-11	1.87E-10
4400	481363.09	3857877.25	2.90E-07	2.87E-07	2.78E-07	1.01E-10	3.03E-10	1.76E-10	1.73E-10	1.57E-10	7.17E-11	6.96E-11	3.36E-12	8.11E-11	1.79E-11	2.35E-11	3.73E-11	6.58E-12	3.65E-11	2.06E-10
4401	481863.09	3857877.25	3.29E-07	3.25E-07	3.15E-07	1.14E-10	3.44E-10	1.99E-10	1.96E-10	1.78E-10	8.12E-11	7.89E-11	3.80E-12	9.18E-11	2.03E-11	2.67E-11	4.23E-11	7.45E-12	4.14E-11	2.34E-10
4402	482363.09	3857877.25	3.84E-07	3.79E-07	3.68E-07	1.33E-10	4.01E-10	2.32E-10	2.29E-10	2.08E-10	9.48E-11	9.21E-11	4.44E-12	1.07E-10	2.37E-11	3.11E-11	4.94E-11	8.70E-12	4.83E-11	2.73E-10
4403	482863.09	3857877.25	4.37E-07	4.31E-07	4.19E-07	1.51E-10	4.57E-10	2.64E-10	2.61E-10	2.37E-10	1.08E-10	1.05E-10	5.05E-12	1.22E-10	2.69E-11	3.54E-11	5.62E-11	9.91E-12	5.50E-11	3.11E-10
4404	483363.09	3857877.25	4.92E-07	4.85E-07	4.71E-07	1.70E-10	5.14E-10	2.98E-10	2.94E-10	2.66E-10	1.22E-10	1.18E-10	5.69E-12	1.37E-10	3.03E-11	3.99E-11	6.33E-11	1.12E-11	6.19E-11	3.50E-10
4405	483863.09	3857877.25	5.61E-07	5.54E-07	5.38E-07	1.94E-10	5.87E-10	3.40E-10	3.35E-10	3.04E-10	1.39E-10	1.35E-10	6.49E-12	1.57E-10	3.46E-11	4.55E-11	7.22E-11	1.27E-11	7.06E-11	3.99E-10
4406	484363.09	3857877.25	6.47E-07	6.39E-07	6.20E-07	2.24E-10	6.77E-10	3.92E-10	3.87E-10	3.50E-10	1.60E-10	1.55E-10	7.48E-12	1.81E-10	3.99E-11	5.25E-11	8.33E-11	1.47E-11	8.15E-11	4.60E-10
4407	484863.09	3857877.25	7.59E-07	7.49E-07	7.27E-07	2.63E-10	7.93E-10	4.59E-10	4.53E-10	4.11E-10	1.87E-10	1.82E-10	8.77E-12	2.12E-10	4.68E-11	6.15E-11	9.76E-11	1.72E-11	9.56E-11	5.39E-10
4408	485363.09	3857877.25	9.05E-07	8.93E-07	8.67E-07	3.13E-10	9.45E-10	5.47E-10	5.40E-10	4.90E-10	2.23E-10	2.17E-10	1.05E-11	2.53E-10	5.57E-11	7.33E-11	1.16E-10	2.05E-11	1.14E-10	6.43E-10
4409	485863.09	3857877.25	1.11E-06	1.09E-06	1.06E-06	3.83E-10	1.16E-09	6.70E-10	6.61E-10	6.00E-10	2.74E-10	2.66E-10	1.28E-11	3.09E-10	6.82E-11	8.98E-11	1.42E-10	2.51E-11	1.39E-10	7.87E-10
4410	486363.09	3857877.25	1.41E-06	1.39E-06	1.35E-06	4.87E-10	1.47E-09	8.51E-10	8.39E-10	7.61E-10	3.47E-10	3.37E-10	1.62E-11	3.93E-10	8.66E-11	1.14E-10	1.81E-10	3.19E-11	1.77E-10	9.99E-10
4411	486863.09	3857877.25	1.89E-06	1.87E-06	1.81E-06	6.55E-10	1.98E-09	1.14E-09	1.13E-09	1.02E-09	4.67E-10	4.54E-10	2.19E-11	5.28E-10	1.17E-10	1.53E-10	2.43E-10	4.29E-11	2.38E-10	1.34E-09
4412	487363.09	3857877.25	2.80E-06	2.76E-06	2.68E-06	9.69E-10	2.93E-09	1.69E-09	1.67E-09	1.52E-09	6.91E-10	6.71E-10	3.24E-11	7.81E-10	1.72E-10	2.27E-10	3.60E-10	6.34E-11	3.52E-10	1.99E-09
4413	487863.09	3857877.25	4.63E-06	4.57E-06	4.43E-06	1.60E-09	4.83E-09	2.80E-09	2.76E-09	2.50E-09	1.14E-09	1.11E-09	5.35E-11	1.29E-09	2.85E-10	3.75E-10	5.95E-10	1.05E-10	5.82E-10	3.29E-09
4414	488363.09	3857877.25	6.44E-06	6.35E-06	6.17E-06	2.23E-09	6.73E-09	3.89E-09	3.84E-09	3.48E-09	1.59E-09	1.54E-09	7.44E-11	1.80E-09	3.97E-10	5.22E-10	8.28E-10	1.46E-10	8.10E-10	4.57E-09
4415	488863.09	3857877.25	8.60E-06	8.49E-06	8.24E-06	2.98E-09	8.99E-09	5.20E-09	5.14E-09	4.66E-09	2.12E-09	2.06E-09	9.94E-11	2.40E-09	5.30E-10	6.97E-10	1.11E-09	1.95E-10	1.08E-09	6.11E-09
4416	489363.09	3857877.25	8.70E-06	8.59E-06	8.34E-06	3.01E-09	9.10E-09	5.27E-09	5.20E-09	4.71E-09	2.15E-09	2.09E-09	1.01E-10	2.43E-09	5.36E-10	7.06E-10	1.12E-09	1.97E-10	1.10E-09	6.18E-09
4417	489863.09	3857877.25	8.88E-06	8.76E-06	8.51E-06	3.07E-09	9.28E-09	5.37E-09	5.30E-09	4.81E-09	2.19E-09	2.13E-09	1.03E-10	2.48E-09	5.47E-10	7.20E-10	1.14E-09	2.01E-10	1.12E-09	6.31E-09
4418	490363.09	3857877.25	1.02E-05	1.00E-05	9.74E-06	3.52E-09	1.06E-08	6.15E-09	6.07E-09	5.50E-09	2.51E-09	2.44E-09	1.17E-10	2.84E-09	6.26E-10	8.24E-10	1.31E-09	2.30E-10	1.28E-09	7.22E-09
4419	490863.09	3857877.25	1.39E-05	1.38E-05	1.34E-05	4.82E-09	1.46E-08	8.43E-09	8.32E-09	7.54E-09	3.44E-09	3.34E-09	1.61E-10	3.89E-09	8.58E-10	1.13E-09	1.79E-09	3.16E-10	1.75E-09	9.90E-09
4420	491363.09	3857877.25	7.14E-05	7.05E-05	6.85E-05	2.47E-08	7.47E-08	4.32E-08	4.27E-08	3.87E-08	1.76E-08	1.71E-08	8.26E-10	1.99E-08	4.40E-09	5.79E-09	9.19E-09	1.62E-09	8.99E-09	5.08E-08
4421	491863.09	3857877.25	1.73E-05	1.70E-05	1.65E-05	5.98E-09	1.80E-08	1.04E-08	1.03E-08	9.35E-09	4.26E-09	4.14E-09	2.00E-10	4.82E-09	1.06E-09	1.40E-09	2.22E-09	3.91E-10	2.17E-09	1.23E-08
4422	492363.09	3857877.25	7.12E-06	7.02E-06	6.82E-06	2.46E-09	7.44E-09	4.31E-09	4.25E-09	3.85E-09	1.76E-09	1.71E-09	8.23E-11	1.99E-09	4.38E-10	5.77E-10	9.15E-10	1.61E-10	8.96E-10	5.06E-09
4423	492863.09	3857877.25	4.07E-06	4.02E-06	3.90E-06	1.41E-09	4.26E-09	2.46E-09	2.43E-09	2.20E-09	1.01E-09	9.77E-10	4.71E-11	1.14E-09	2.51E-10	3.30E-10	5.24E-10	9.23E-11	5.13E-10	2.89E-09
4424	493363.09	3857877.25	2.98E-06	2.94E-06	2.86E-06	1.03E-09	3.12E-09	1.81E-09	1.78E-09	1.61E-09	7.37E-10	7.16E-10	3.45E-11	8.33E-10	1.84E-10	2.42E-10	3.84E-10	6.76E-11	3.76E-10	2.12E-09
4425	493863.09	3857877.25	2.38E-06	2.35E-06	2.28E-06	8.24E-10	2.49E-09	1.44E-09	1.42E-09	1.29E-09	5.88E-10	5.71E-10	2.75E-11	6.64E-10	1.47E-10	1.93E-10	3.06E-10	5.39E-11	3.00E-10	1.69E-09
4426	494363.09	3857877.25	1.97E-06	1.94E-06	1.89E-06	6.82E-10	2.06E-09	1.19E-09	1.18E-09	1.07E-09	4.87E-10	4.73E-10	2.28E-11	5.50E-10	1.21E-10	1.60E-10	2.53E-10	4.47E-11	2.48E-10	1.40E-09
4427	494863.09	3857877.25	1.57E-06	1.55E-06	1.50E-06	5.42E-10	1.64E-09	9.48E-10	9.36E-10	8.48E-10	3.87E-10	3.76E-10	1.81E-11	4.38E-10	9.66E-11	1.27E-10	2.02E-10	3.55E-11	1.97E-10	1.11E-09
4428	495363.09	3857877.25	1.37E-06	1.35E-06	1.31E-06	4.73E-10	1.43E-09	8.27E-10	8.16E-10	7.40E-10	3.38E-10	3.28E-10	1.58E-11	3.82E-10	8.42E-11	1.11E-10	1.76E-10	3.10E-11	1.72E-10	9.71E-10
4429	495863.09	3857877.25	1.21E-06	1.19E-06	1.16E-06	4.17E-10	1.26E-09	7.29E-10	7.20E-10	6.53E-10	2.98E-10	2.89E-10	1.39E-11	3.37E-10	7.43E-11	9.77E-11	1.55E-10	2.73E-11	1.52E-10	8.57E-10
4430	496363.09	3857877.25	1.13E-06	1.12E-06	1.08E-06	3.91E-10	1.18E-09	6.84E-10	6.75E-10	6.12E-10	2.79E-10	2.71E-10	1.31E-11	3.16E-10	6.96E-11	9.16E-11	1.45E-10	2.56E-11	1.42E-10	8.03E-10
4431	496863.09	3857877.25	1.07E-06	1.05E-06	1.02E-06	3.69E-10	1.12E-09	6.46E-10	6.37E-10	5.78E-10	2.64E-10	2.56E-10	1.23E-11	2.98E-10	6.58E-11	8.65E-11	1.37E-10	2.42E-11	1.34E-10	7.59E-10
4432	497363.09	3857877.25	1.00E-06	9.87E-07	9.58E-07	3.46E-10	1.04E-09	6.05E-10	5.97E-10	5.41E-10	2.47E-10	2.40E-10	1.16E-11	2.79E-10	6.16E-11	8.10E-11	1.29E-10	2.27E-11	1.26E-10	7.10E-10
4433	497863.09	3857877.25	1.08E-06	1.07E-06	1.04E-06	3.75E-10	1.13E-09	6.56E-10	6.48E-10	5.87E-10	2.68E-10	2.60E-10	1.25E-11	3.03E-10	6.68E-11	8.79E-11	1.39E-10	2.46E-11	1.37E-10	7.71E-10
4434	498363.09	3857877.25	1.18E-06	1.17E-06	1.13E-06	4.10E-10	1.24E-09	7.16E-10	7.07E-10	6.41E-10	2.92E-10	2.84E-10	1.37E-11	3.31E-10	7.29E-11	9.60E-11	1.52E-10	2.68E-11	1.49E-10	8.41E-10
4435	471363.09	3858377.25	8.03E-08	7.92E-08	7.70E-08	2.78E-11	8.39E-11	4.86E-11	4.79E-11	4.35E-11	1.98E-11	1.93E-11	9.28E-13	2.24E-11	4.95E-12	6.51E-12	1.03E-11	1.82E-12	1.01E-11	5.71E-11
4436	471863.09	3858377.25	8.26E-08	8.16E-08	7.92E-08	2.86E-11	8.64E-11	5.00E-11	4.93E-11	4.47E-11	2.04E-11	1.98E-11	9.55E-13	2.31E-11	5.09E-12	6.70E-12	1.06E-11	1.87E-12	1.04E-11	5.87E-11
4437	472363.09	3858377.25	8.54E-08	8.43E-08	8.18E-08	2.96E-11	8.92E-11	5.17E-11	5.10E-11	4.62E-11	2.11E-11	2.05E-11	9.87E-13	2.38E-11	5.26E-12	6.92E-12	1.10E-11	1.94E-12	1.07E-11	6.07E-11
4438	472863.09	3858377.25	9.01E-08	8.89E-08	8.63E-08	3.12E-11	9.41E-11	5.45E-11	5.38E-11	4.87E-11	2.22E-11	2.16E-11	1.04E-12	2.51E-11	5.55E-12	7.30E-12	1.16E-11	2.04E-12	1.13E-11	6.40E-11
4439	473363.09	3858377.25	9.89E-08	9.76E-08	9.48E-08	3.42E-11	1.03E-10	5.98E-11	5.91E-11	5.35E-11	2.44E-11	2.37E-11	1.14E-12	2.76E-11	6.09E-12	8.02E-12	1.27E-11	2.24E-12	1.25E-11	7.03E-11
4440	473863.09	3858377.25	9.98E-08	9.85E-08	9.57E-08	3.46E-11	1.04E-10	6.04E-11	5.96E-11	5.40E-11	2.47E-11	2.39E-11	1.15E-12	2.79E-11	6.15E-12	8.09E-12	1.28E-11	2.26E-12	1.26E-11	7.09E-11
4441	474363.09	3858377.25	9.21E-08	9.09E-08	8.83E-08	3.19E-11	9.63E-11	5.57E-11	5.50E-11	4.99E-11	2.28E-11	2.21E-11	1.07E-12	2.57E-11	5.68E-12	7.47E-12	1.19E-11	2.09E-12	1.16E-11	6.55E-11
4442	474863.09	3858377.25	8.03E-08	7.92E-08	7.70E-08	2.78E-11	8.39E-11	4.86E-11	4.79E-11	4.35E-11	1.98E-11	1.93E-11	9.28E-13	2.24E-11	4.95E-12	6.51E-12	1.03E-11	1.82E-12	1.01E-11	5.71E-11
4443	475363.09	3858377.25	6.19E-08	6.11E-08	5.94E-08	2.14E-11	6.47E-11	3.75E-11	3.70E-11	3.35E-11	1.53E-11	1.49E-11	7.16E-13	1.73E-11	3.82E-12	5.02E-12	7.97E-12	1.40E-12	7.80E-12	4.40E-11
4444	475863.09	3858377.25	4.89E-08	4.83E-08	4.69E-08	1.69E-11	5.11E-11	2.96E-11	2.92E-11	2.65E-11	1.21E-11	1.17E-11	5.66E-13	1.37E-11	3.01E-12	3.97E-12	6.29E-12	1.11E-12	6.16E-12	3.48E-11
4445	476363.09	3858377.25	5.30E-08	5.23E-08	5.08E-08	1.83E-11	5.54E-11	3.20E-11	3.16E-11	2.87E-11	1.31E-11	1.27E-11	6.12E-13	1.48E-11	3.26E-12	4.29E-12	6.81E-12	1.20E-12	6.67E-12	3.76E-11

4446	476863.09	3858377.25	5.70E-08	5.63E-08	5.46E-08	1.97E-11	5.96E-11	3.45E-11	3.40E-11	3.09E-11	1.41E-11	1.37E-11	6.59E-13	1.59E-11	3.51E-12	4.62E-12	7.33E-12	1.29E-12	7.18E-12	4.05E-11
4447	477363.09	3858377.25	5.58E-08	5.51E-08	5.35E-08	1.93E-11	5.84E-11	3.38E-11	3.33E-11	3.02E-11	1.38E-11	1.34E-11	6.45E-13	1.56E-11	3.44E-12	4.53E-12	7.18E-12	1.27E-12	7.03E-12	3.97E-11
4448	477863.09	3858377.25	7.12E-08	7.03E-08	6.82E-08	2.46E-11	7.44E-11	4.31E-11	4.25E-11	3.85E-11	1.76E-11	1.71E-11	8.23E-13	1.99E-11	4.39E-12	5.77E-12	9.16E-12	1.61E-12	8.96E-12	5.06E-11
4449	478363.09	3858377.25	7.64E-08	7.54E-08	7.32E-08	2.64E-11	7.98E-11	4.62E-11	4.56E-11	4.14E-11	1.89E-11	1.83E-11	8.83E-13	2.13E-11	4.71E-12	6.19E-12	9.83E-12	1.73E-12	9.62E-12	5.43E-11
4450	478863.09	3858377.25	5.73E-08	5.65E-08	5.49E-08	1.98E-11	5.98E-11	3.46E-11	3.42E-11	3.10E-11	1.41E-11	1.37E-11	6.62E-13	1.60E-11	3.53E-12	4.64E-12	7.36E-12	1.30E-12	7.21E-12	4.07E-11
4451	479363.09	3858377.25	1.34E-07	1.32E-07	1.29E-07	4.64E-11	1.40E-10	8.12E-11	8.01E-11	7.26E-11	3.31E-11	3.22E-11	1.55E-12	3.75E-11	8.27E-12	1.09E-11	1.73E-11	3.04E-12	1.69E-11	9.53E-11
4452	479863.09	3858377.25	2.07E-07	2.04E-07	1.98E-07	7.17E-11	2.16E-10	1.25E-10	1.24E-10	1.12E-10	5.11E-11	4.97E-11	2.39E-12	5.78E-11	1.28E-11	1.68E-11	2.66E-11	4.69E-12	2.61E-11	1.47E-10
4453	480363.09	3858377.25	2.41E-07	2.38E-07	2.31E-07	8.34E-11	2.52E-10	1.46E-10	1.44E-10	1.30E-10	5.95E-11	5.78E-11	2.79E-12	6.73E-11	1.48E-11	1.95E-11	3.10E-11	5.46E-12	3.03E-11	1.71E-10
4454	480863.09	3858377.25	2.62E-07	2.58E-07	2.51E-07	9.06E-11	2.74E-10	1.58E-10	1.56E-10	1.42E-10	6.47E-11	6.28E-11	3.03E-12	7.31E-11	1.61E-11	2.12E-11	3.37E-11	5.94E-12	3.30E-11	1.86E-10
4455	481363.09	3858377.25	2.90E-07	2.86E-07	2.78E-07	1.00E-10	3.03E-10	1.76E-10	1.73E-10	1.57E-10	7.16E-11	6.96E-11	3.35E-12	8.10E-11	1.79E-11	2.35E-11	3.73E-11	6.58E-12	3.65E-11	2.06E-10
4456	481863.09	3858377.25	3.18E-07	3.14E-07	3.04E-07	1.10E-10	3.32E-10	1.92E-10	1.90E-10	1.72E-10	7.85E-11	7.62E-11	3.67E-12	8.87E-11	1.96E-11	2.58E-11	4.09E-11	7.20E-12	4.00E-11	2.26E-10
4457	482363.09	3858377.25	3.59E-07	3.54E-07	3.44E-07	1.24E-10	3.75E-10	2.17E-10	2.14E-10	1.94E-10	8.87E-11	8.61E-11	4.15E-12	1.00E-10	2.21E-11	2.91E-11	4.62E-11	8.14E-12	4.52E-11	2.55E-10
4458	482863.09	3858377.25	4.24E-07	4.19E-07	4.07E-07	1.47E-10	4.44E-10	2.57E-10	2.53E-10	2.30E-10	1.05E-10	1.02E-10	4.91E-12	1.19E-10	2.62E-11	3.44E-11	5.46E-11	9.62E-12	5.34E-11	3.02E-10
4459	483363.09	3858377.25	4.90E-07	4.83E-07	4.69E-07	1.69E-10	5.12E-10	2.96E-10	2.92E-10	2.65E-10	1.21E-10	1.17E-10	5.66E-12	1.37E-10	3.02E-11	3.97E-11	6.30E-11	1.11E-11	6.16E-11	3.48E-10
4460	483863.09	3858377.25	5.56E-07	5.48E-07	5.32E-07	1.92E-10	5.81E-10	3.36E-10	3.32E-10	3.01E-10	1.37E-10	1.33E-10	6.42E-12	1.55E-10	3.42E-11	4.50E-11	7.15E-11	1.26E-11	6.99E-11	3.95E-10
4461	484363.09	3858377.25	6.45E-07	6.37E-07	6.18E-07	2.23E-10	6.74E-10	3.90E-10	3.85E-10	3.49E-10	1.59E-10	1.55E-10	7.46E-12	1.80E-10	3.98E-11	5.23E-11	8.30E-11	1.46E-11	8.12E-11	4.59E-10
4462	484863.09	3858377.25	7.61E-07	7.51E-07	7.29E-07	2.63E-10	7.95E-10	4.60E-10	4.54E-10	4.12E-10	1.88E-10	1.83E-10	8.80E-12	2.12E-10	4.69E-11	6.17E-11	9.79E-11	1.73E-11	9.58E-11	5.41E-10
4463	485363.09	3858377.25	9.13E-07	9.01E-07	8.75E-07	3.16E-10	9.54E-10	5.53E-10	5.45E-10	4.94E-10	2.26E-10	2.19E-10	1.06E-11	2.55E-10	5.63E-11	7.40E-11	1.17E-10	2.07E-11	1.15E-10	6.49E-10
4464	485863.09	3858377.25	1.13E-06	1.12E-06	1.09E-06	3.92E-10	1.18E-09	6.86E-10	6.77E-10	6.14E-10	2.80E-10	2.72E-10	1.31E-11	3.17E-10	6.99E-11	9.19E-11	1.46E-10	2.57E-11	1.43E-10	8.06E-10
4465	486363.09	3858377.25	1.47E-06	1.45E-06	1.41E-06	5.08E-10	1.53E-09	8.88E-10	8.76E-10	7.94E-10	3.62E-10	3.52E-10	1.70E-11	4.10E-10	9.04E-11	1.19E-10	1.89E-10	3.33E-11	1.85E-10	1.04E-09
4466	486863.09	3858377.25	2.01E-06	1.98E-06	1.92E-06	6.95E-10	2.10E-09	1.21E-09	1.20E-09	1.09E-09	4.96E-10	4.82E-10	2.32E-11	5.61E-10	1.24E-10	1.63E-10	2.58E-10	4.55E-11	2.53E-10	1.43E-09
4467	487363.09	3858377.25	3.15E-06	3.11E-06	3.02E-06	1.09E-09	3.30E-09	1.91E-09	1.88E-09	1.71E-09	7.79E-10	7.56E-10	3.65E-11	8.81E-10	1.94E-10	2.56E-10	4.06E-10	7.15E-11	3.97E-10	2.24E-09
4468	487863.09	3858377.25	7.32E-06	7.22E-06	7.02E-06	2.53E-09	7.65E-09	4.43E-09	4.37E-09	3.96E-09	1.81E-09	1.76E-09	8.46E-11	2.04E-09	4.51E-10	5.94E-10	9.42E-10	1.66E-10	9.22E-10	5.20E-09
4469	488363.09	3858377.25	2.15E-05	2.12E-05	2.06E-05	7.43E-09	2.24E-08	1.30E-08	1.28E-08	1.16E-08	5.30E-09	5.15E-09	2.48E-10	5.99E-09	1.32E-09	1.74E-09	2.76E-09	4.86E-10	2.70E-09	1.52E-08
4470	488863.09	3858377.25	4.45E-05	4.39E-05	4.26E-05	1.54E-08	4.65E-08	2.69E-08	2.66E-08	2.41E-08	1.10E-08	1.07E-08	5.14E-10	1.24E-08	2.74E-09	3.60E-09	5.72E-09	1.01E-09	5.60E-09	3.16E-08
4471	489363.09	3858377.25	5.00E-05	4.94E-05	4.79E-05	1.73E-08	5.23E-08	3.03E-08	2.99E-08	2.71E-08	1.24E-08	1.20E-08	5.78E-10	1.40E-08	3.08E-09	4.05E-09	6.43E-09	1.13E-09	6.30E-09	3.55E-08
4472	489863.09	3858377.25	9.14E-05	9.02E-05	8.76E-05	3.16E-08	9.55E-08	5.53E-08	5.46E-08	4.95E-08	2.26E-08	2.19E-08	1.06E-09	2.55E-08	5.63E-09	7.41E-09	1.18E-08	2.07E-09	1.15E-08	6.49E-08
4473	490363.09	3858377.25	8.11E-05	8.01E-05	7.78E-05	2.81E-08	8.48E-08	4.91E-08	4.85E-08	4.39E-08	2.00E-08	1.95E-08	9.38E-10	2.27E-08	5.00E-09	6.58E-09	1.04E-08	1.84E-09	1.02E-08	5.77E-08
4474	490863.09	3858377.25	6.17E-05	6.09E-05	5.92E-05	2.14E-08	6.45E-08	3.73E-08	3.69E-08	3.34E-08	1.52E-08	1.48E-08	7.13E-10	1.72E-08	3.80E-09	5.00E-09	7.94E-09	1.40E-09	7.77E-09	4.39E-08
4475	491363.09	3858377.25	2.59E-05	2.55E-05	2.48E-05	8.95E-09	2.70E-08	1.56E-08	1.54E-08	1.40E-08	6.39E-09	6.20E-09	2.99E-10	7.22E-09	1.59E-09	2.10E-09	3.33E-09	5.86E-10	3.25E-09	1.84E-08
4476	491863.09	3858377.25	1.04E-05	1.03E-05	1.00E-05	3.62E-09	1.09E-08	6.32E-09	6.24E-09	5.65E-09	2.58E-09	2.51E-09	1.21E-10	2.92E-09	6.44E-10	8.47E-10	1.34E-09	2.37E-10	1.31E-09	7.42E-09
4477	492363.09	3858377.25	4.96E-06	4.90E-06	4.76E-06	1.72E-09	5.19E-09	3.00E-09	2.96E-09	2.69E-09	1.23E-09	1.19E-09	5.74E-11	1.39E-09	3.06E-10	4.03E-10	6.39E-10	1.13E-10	6.25E-10	3.53E-09
4478	492863.09	3858377.25	4.51E-06	4.45E-06	4.32E-06	1.56E-09	4.71E-09	2.73E-09	2.69E-09	2.44E-09	1.11E-09	1.08E-09	5.21E-11	1.26E-09	2.78E-10	3.66E-10	5.80E-10	1.02E-10	5.68E-10	3.21E-09
4479	493363.09	3858377.25	3.36E-06	3.32E-06	3.22E-06	1.16E-09	3.51E-09	2.03E-09	2.01E-09	1.82E-09	8.30E-10	8.06E-10	3.88E-11	9.38E-10	2.07E-10	2.72E-10	4.32E-10	7.61E-11	4.23E-10	2.39E-09
4480	493863.09	3858377.25	2.75E-06	2.71E-06	2.63E-06	9.51E-10	2.87E-09	1.66E-09	1.64E-09	1.49E-09	6.78E-10	6.59E-10	3.17E-11	7.67E-10	1.69E-10	2.23E-10	3.53E-10	6.22E-11	3.46E-10	1.95E-09
4481	494363.09	3858377.25	2.22E-06	2.20E-06	2.13E-06	7.70E-10	2.32E-09	1.35E-09	1.33E-09	1.20E-09	5.49E-10	5.33E-10	2.57E-11	6.21E-10	1.37E-10	1.80E-10	2.86E-10	5.04E-11	2.80E-10	1.58E-09
4482	494863.09	3858377.25	1.85E-06	1.83E-06	1.77E-06	6.40E-10	1.93E-09	1.12E-09	1.10E-09	1.00E-09	4.57E-10	4.44E-10	2.14E-11	5.17E-10	1.14E-10	1.50E-10	2.38E-10	4.19E-11	2.33E-10	1.31E-09
4483	495363.09	3858377.25	1.52E-06	1.50E-06	1.45E-06	5.25E-10	1.59E-09	9.18E-10	9.06E-10	8.22E-10	3.75E-10	3.64E-10	1.75E-11	4.24E-10	9.35E-11	1.23E-10	1.95E-10	3.44E-11	1.91E-10	1.08E-09
4484	495863.09	3858377.25	1.38E-06	1.36E-06	1.32E-06	4.78E-10	1.44E-09	8.36E-10	8.25E-10	7.48E-10	3.41E-10	3.31E-10	1.60E-11	3.86E-10	8.51E-11	1.12E-10	1.78E-10	3.13E-11	1.74E-10	9.81E-10
4485	496363.09	3858377.25	1.25E-06	1.24E-06	1.20E-06	4.34E-10	1.31E-09	7.59E-10	7.49E-10	6.79E-10	3.10E-10	3.01E-10	1.45E-11	3.50E-10	7.73E-11	1.02E-10	1.61E-10	2.84E-11	1.58E-10	8.92E-10
4486	496863.09	3858377.25	1.23E-06	1.22E-06	1.18E-06	4.28E-10	1.29E-09	7.47E-10	7.37E-10	6.69E-10	3.05E-10	2.96E-10	1.43E-11	3.45E-10	7.61E-11	1.00E-10	1.59E-10	2.80E-11	1.55E-10	8.78E-10
4487	497363.09	3858377.25	1.18E-06	1.16E-06	1.13E-06	4.07E-10	1.23E-09	7.11E-10	7.02E-10	6.37E-10	2.90E-10	2.82E-10	1.36E-11	3.28E-10	7.25E-11	9.53E-11	1.51E-10	2.67E-11	1.48E-10	8.36E-10
4488	497863.09	3858377.25	1.24E-06	1.23E-06	1.19E-06	4.30E-10	1.30E-09	7.51E-10	7.41E-10	6.72E-10	3.07E-10	2.98E-10	1.43E-11	3.47E-10	7.65E-11	1.01E-10	1.60E-10	2.81E-11	1.56E-10	8.82E-10
4489	498363.09	3858377.25	1.36E-06	1.34E-06	1.31E-06	4.72E-10	1.42E-09	8.24E-10	8.14E-10	7.38E-10	3.37E-10	3.27E-10	1.57E-11	3.80E-10	8.39E-11	1.10E-10	1.75E-10	3.09E-11	1.72E-10	9.68E-10
4490	471363.09	3858877.25	7.48E-08	7.39E-08	7.17E-08	2.59E-11	7.82E-11	4.53E-11	4.47E-11	4.05E-11	1.85E-11	1.79E-11	8.65E-13	2.09E-11	4.61E-12	6.07E-12	9.62E-12	1.70E-12	9.42E-12	5.32E-11
4491	471863.09	3858877.25	7.69E-08	7.59E-08	7.37E-08	2.66E-11	8.04E-11	4.65E-11	4.59E-11	4.16E-11	1.90E-11	1.84E-11	8.89E-13	2.15E-11	4.74E-12	6.24E-12	9.89E-12	1.74E-12	9.68E-12	5.47E-11
4492	472363.09	3858877.25	8.17E-08	8.07E-08	7.83E-08	2.83E-11	8.54E-11	4.94E-11	4.88E-11	4.42E-11	2.02E-11	1.96E-11	9.45E-13	2.28E-11	5.04E-12	6.63E-12	1.05E-11	1.85E-12	1.03E-11	5.81E-11
4493	472863.09	3858877.25	8.63E-08	8.52E-08	8.27E-08	2.99E-11	9.02E-11	5.22E-11	5.15E-11	4.67E-11	2.13E-11	2.07E-11	9.97E-13	2.41E-11	5.32E-12	7.00E-12	1.11E-11	1.96E-12	1.09E-11	6.13E-11
4494	473363.09	3858877.25	9.32E-08	9.20E-08	8.93E-08	3.23E-11	9.74E-11	5.64E-11	5.56E-11	5.04E-11	2.30E-11	2.23E-11	1.08E-12	2.60E-11	5.74E-12	7.55E-12	1.20E-11	2.11E-12	1.17E-11	6.62E-11
4495	473863.09	3858877.25	9.51E-08	9.39E-08	9.12E-08	3.29E-11	9.94E-11	5.76E-11	5.68E-11	5.15E-11	2.35E-11	2.28E-11	1.10E-12	2.66E-11	5.86E-12	7.71E-12	1.22E-11	2.16E-12	1.20E-11	6.76E-11
4496	474363.09	3858877.25	9.11E-08	8.99E-08	8.73E-08	3.15E-11	9.52E-11	5.51E-11	5.44E-11	4.93E-11	2.25E-11	2.19E-11	1.05E-12	2.54E-11	5.61E-12	7.39E-12	1.17E-11	2.06E-12	1.15E-11	6.47E-11
4497	474863.09	3858877.25	5.90E-08	5.82E-08	5.65E-08	2.04E-11	6.16E-11	3.57E-11	3.52E-11	3.19E-11	1.46E-11	1.41E-11	6.81E-13	1.65E-11	3.63E-12	4.78E-12	7.58E-12	1.34E-12	7.42E-12	4.19E-11
4498	475363.09	3858877.25	4.81E-08	4.75E-08	4.61E-08	1.67E-11	5.03E-11	2.91E-11	2.88E-11	2.61E-11	1.19E-11	1.15E-11	5.57E-13	1.34E-11	2.97E-12	3.90E-12	6.19E-12	1.09E-12	6.06E-12	3.42E-11

4499	475863.09	3858877.25	5.40E-08	5.33E-08	5.18E-08	1.87E-11	5.64E-11	3.27E-11	3.23E-11	2.92E-11	1.33E-11	1.30E-11	6.24E-13	1.51E-11	3.33E-12	4.38E-12	6.95E-12	1.22E-12	6.80E-12	3.84E-11
4500	476363.09	3858877.25	3.79E-08	3.74E-08	3.63E-08	1.31E-11	3.96E-11	2.29E-11	2.26E-11	2.05E-11	9.35E-12	9.08E-12	4.38E-13	1.06E-11	2.33E-12	3.07E-12	4.87E-12	8.58E-13	4.77E-12	2.69E-11
4501	476863.09	3858877.25	4.57E-08	4.51E-08	4.38E-08	1.58E-11	4.77E-11	2.76E-11	2.73E-11	2.47E-11	1.13E-11	1.10E-11	5.28E-13	1.28E-11	2.81E-12	3.70E-12	5.88E-12	1.04E-12	5.75E-12	3.25E-11
4502	477363.09	3858877.25	4.80E-08	4.74E-08	4.60E-08	1.66E-11	5.02E-11	2.91E-11	2.87E-11	2.60E-11	1.19E-11	1.15E-11	5.55E-13	1.34E-11	2.96E-12	3.89E-12	6.18E-12	1.09E-12	6.04E-12	3.41E-11
4503	477863.09	3858877.25	5.82E-08	5.74E-08	5.58E-08	2.01E-11	6.08E-11	3.52E-11	3.47E-11	3.15E-11	1.44E-11	1.40E-11	6.72E-13	1.62E-11	3.58E-12	4.72E-12	7.48E-12	1.32E-12	7.32E-12	4.13E-11
4504	478363.09	3858877.25	1.00E-07	9.92E-08	9.63E-08	3.48E-11	1.05E-10	6.08E-11	6.00E-11	5.44E-11	2.48E-11	2.41E-11	1.16E-12	2.81E-11	6.19E-12	8.15E-12	1.29E-11	2.28E-12	1.26E-11	7.14E-11
4505	478863.09	3858877.25	9.14E-08	9.02E-08	8.76E-08	3.16E-11	9.55E-11	5.53E-11	5.46E-11	4.95E-11	2.26E-11	2.19E-11	1.06E-12	2.55E-11	5.63E-12	7.41E-12	1.18E-11	2.07E-12	1.15E-11	6.49E-11
4506	479363.09	3858877.25	7.95E-08	7.85E-08	7.62E-08	2.75E-11	8.31E-11	4.81E-11	4.75E-11	4.30E-11	1.96E-11	1.91E-11	9.19E-13	2.22E-11	4.90E-12	6.45E-12	1.02E-11	1.80E-12	1.00E-11	5.65E-11
4507	479863.09	3858877.25	2.11E-07	2.08E-07	2.02E-07	7.31E-11	2.21E-10	1.28E-10	1.26E-10	1.14E-10	5.21E-11	5.06E-11	2.44E-12	5.89E-11	1.30E-11	1.71E-11	2.71E-11	4.78E-12	2.66E-11	1.50E-10
4508	480363.09	3858877.25	2.39E-07	2.36E-07	2.29E-07	8.28E-11	2.50E-10	1.45E-10	1.43E-10	1.29E-10	5.91E-11	5.74E-11	2.76E-12	6.68E-11	1.47E-11	1.94E-11	3.08E-11	5.42E-12	3.01E-11	1.70E-10
4509	480863.09	3858877.25	2.66E-07	2.63E-07	2.55E-07	9.22E-11	2.78E-10	1.61E-10	1.59E-10	1.44E-10	6.58E-11	6.39E-11	3.08E-12	7.43E-11	1.64E-11	2.16E-11	3.42E-11	6.04E-12	3.35E-11	1.89E-10
4510	481363.09	3858877.25	2.94E-07	2.90E-07	2.82E-07	1.02E-10	3.08E-10	1.78E-10	1.76E-10	1.59E-10	7.27E-11	7.06E-11	3.40E-12	8.22E-11	1.81E-11	2.39E-11	3.78E-11	6.67E-12	3.70E-11	2.09E-10
4511	481863.09	3858877.25	3.28E-07	3.24E-07	3.14E-07	1.13E-10	3.43E-10	1.98E-10	1.96E-10	1.77E-10	8.10E-11	7.86E-11	3.79E-12	9.15E-11	2.02E-11	2.66E-11	4.22E-11	7.43E-12	4.13E-11	2.33E-10
4512	482363.09	3858877.25	3.63E-07	3.58E-07	3.48E-07	1.26E-10	3.79E-10	2.19E-10	2.17E-10	1.96E-10	8.96E-11	8.70E-11	4.19E-12	1.01E-10	2.23E-11	2.94E-11	4.66E-11	8.22E-12	4.57E-11	2.58E-10
4513	482863.09	3858877.25	4.12E-07	4.07E-07	3.95E-07	1.43E-10	4.31E-10	2.49E-10	2.46E-10	2.23E-10	1.02E-10	9.89E-11	4.76E-12	1.15E-10	2.54E-11	3.34E-11	5.30E-11	9.34E-12	5.19E-11	2.93E-10
4514	483363.09	3858877.25	4.90E-07	4.84E-07	4.70E-07	1.70E-10	5.12E-10	2.96E-10	2.93E-10	2.65E-10	1.21E-10	1.18E-10	5.66E-12	1.37E-10	3.02E-11	3.97E-11	6.30E-11	1.11E-11	6.17E-11	3.48E-10
4515	483863.09	3858877.25	5.55E-07	5.48E-07	5.32E-07	1.92E-10	5.80E-10	3.36E-10	3.32E-10	3.01E-10	1.37E-10	1.33E-10	6.42E-12	1.55E-10	3.42E-11	4.50E-11	7.14E-11	1.26E-11	6.99E-11	3.95E-10
4516	484363.09	3858877.25	6.43E-07	6.34E-07	6.16E-07	2.22E-10	6.72E-10	3.89E-10	3.84E-10	3.48E-10	1.59E-10	1.54E-10	7.43E-12	1.79E-10	3.96E-11	5.21E-11	8.27E-11	1.46E-11	8.09E-11	4.57E-10
4517	484863.09	3858877.25	7.57E-07	7.47E-07	7.26E-07	2.62E-10	7.91E-10	4.58E-10	4.52E-10	4.10E-10	1.87E-10	1.82E-10	8.75E-12	2.11E-10	4.67E-11	6.14E-11	9.74E-11	1.72E-11	9.53E-11	5.38E-10
4518	485363.09	3858877.25	9.12E-07	9.00E-07	8.74E-07	3.16E-10	9.53E-10	5.52E-10	5.44E-10	4.93E-10	2.25E-10	2.19E-10	1.05E-11	2.55E-10	5.62E-11	7.39E-11	1.17E-10	2.07E-11	1.15E-10	6.48E-10
4519	485863.09	3858877.25	1.14E-06	1.13E-06	1.09E-06	3.95E-10	1.19E-09	6.90E-10	6.81E-10	6.18E-10	2.82E-10	2.74E-10	1.32E-11	3.19E-10	7.03E-11	9.25E-11	1.47E-10	2.59E-11	1.44E-10	8.11E-10
4520	486363.09	3858877.25	1.47E-06	1.45E-06	1.41E-06	5.08E-10	1.53E-09	8.88E-10	8.77E-10	7.95E-10	3.63E-10	3.52E-10	1.70E-11	4.10E-10	9.05E-11	1.19E-10	1.89E-10	3.33E-11	1.85E-10	1.04E-09
4521	486863.09	3858877.25	1.99E-06	1.96E-06	1.90E-06	6.87E-10	2.08E-09	1.20E-09	1.19E-09	1.08E-09	4.91E-10	4.76E-10	2.30E-11	5.54E-10	1.22E-10	1.61E-10	2.55E-10	4.50E-11	2.50E-10	1.41E-09
4522	487363.09	3858877.25	2.83E-06	2.79E-06	2.71E-06	9.80E-10	2.96E-09	1.71E-09	1.69E-09	1.53E-09	6.99E-10	6.79E-10	3.27E-11	7.91E-10	1.74E-10	2.30E-10	3.64E-10	6.42E-11	3.56E-10	2.01E-09
4523	487863.09	3858877.25	4.43E-06	4.37E-06	4.25E-06	1.53E-09	4.63E-09	2.68E-09	2.65E-09	2.40E-09	1.09E-09	1.06E-09	5.12E-11	1.24E-09	2.73E-10	3.59E-10	5.70E-10	1.00E-10	5.58E-10	3.15E-09
4524	488363.09	3858877.25	7.70E-06	7.60E-06	7.38E-06	2.67E-09	8.05E-09	4.66E-09	4.60E-09	4.17E-09	1.90E-09	1.85E-09	8.90E-11	2.15E-09	4.74E-10	6.24E-10	9.90E-10	1.75E-10	9.69E-10	5.47E-09
4525	488863.09	3858877.25	1.91E-05	1.89E-05	1.83E-05	6.62E-09	2.00E-08	1.16E-08	1.14E-08	1.03E-08	4.72E-09	4.59E-09	2.21E-10	5.34E-09	1.18E-09	1.55E-09	2.46E-09	4.33E-10	2.41E-09	1.36E-08
4526	489363.09	3858877.25	7.56E-05	7.46E-05	7.24E-05	2.62E-08	7.90E-08	4.57E-08	4.51E-08	4.09E-08	1.87E-08	1.81E-08	8.74E-10	2.11E-08	4.66E-09	6.13E-09	9.72E-09	1.71E-09	9.51E-09	5.37E-08
4527	489863.09	3858877.25	2.49E-05	2.46E-05	2.39E-05	8.63E-09	2.61E-08	1.51E-08	1.49E-08	1.35E-08	6.16E-09	5.98E-09	2.88E-10	6.96E-09	1.54E-09	2.02E-09	3.21E-09	5.65E-10	3.14E-09	1.77E-08
4528	490363.09	3858877.25	1.70E-05	1.68E-05	1.63E-05	5.88E-09	1.78E-08	1.03E-08	1.01E-08	9.19E-09	4.20E-09	4.07E-09	1.96E-10	4.74E-09	1.05E-09	1.38E-09	2.18E-09	3.85E-10	2.14E-09	1.21E-08
4529	490863.09	3858877.25	1.21E-05	1.20E-05	1.16E-05	4.20E-09	1.27E-08	7.34E-09	7.25E-09	6.57E-09	3.00E-09	2.91E-09	1.40E-10	3.39E-09	7.48E-10	9.84E-10	1.56E-09	2.75E-10	1.53E-09	8.63E-09
4530	491363.09	3858877.25	7.20E-06	7.10E-06	6.90E-06	2.49E-09	7.52E-09	4.36E-09	4.30E-09	3.90E-09	1.78E-09	1.73E-09	8.32E-11	2.01E-09	4.44E-10	5.84E-10	9.26E-10	1.63E-10	9.06E-10	5.12E-09
4531	491863.09	3858877.25	4.29E-06	4.23E-06	4.11E-06	1.48E-09	4.48E-09	2.60E-09	2.56E-09	2.32E-09	1.06E-09	1.03E-09	4.96E-11	1.20E-09	2.64E-10	3.48E-10	5.52E-10	9.72E-11	5.40E-10	3.05E-09
4532	492363.09	3858877.25	4.74E-06	4.68E-06	4.54E-06	1.64E-09	4.96E-09	2.87E-09	2.83E-09	2.57E-09	1.17E-09	1.14E-09	5.48E-11	1.32E-09	2.92E-10	3.84E-10	6.10E-10	1.07E-10	5.97E-10	3.37E-09
4533	492863.09	3858877.25	5.18E-06	5.11E-06	4.96E-06	1.79E-09	5.41E-09	3.13E-09	3.09E-09	2.80E-09	1.28E-09	1.24E-09	5.98E-11	1.45E-09	3.19E-10	4.20E-10	6.66E-10	1.17E-10	6.52E-10	3.68E-09
4534	493363.09	3858877.25	4.13E-06	4.08E-06	3.96E-06	1.43E-09	4.32E-09	2.50E-09	2.47E-09	2.24E-09	1.02E-09	9.92E-10	4.78E-11	1.15E-09	2.55E-10	3.35E-10	5.32E-10	9.37E-11	5.21E-10	2.94E-09
4535	493863.09	3858877.25	2.93E-06	2.89E-06	2.81E-06	1.02E-09	3.07E-09	1.77E-09	1.75E-09	1.59E-09	7.24E-10	7.03E-10	3.39E-11	8.19E-10	1.81E-10	2.38E-10	3.77E-10	6.65E-11	3.69E-10	2.08E-09
4536	494363.09	3858877.25	2.49E-06	2.45E-06	2.38E-06	8.61E-10	2.60E-09	1.50E-09	1.49E-09	1.35E-09	6.14E-10	5.97E-10	2.87E-11	6.94E-10	1.53E-10	2.02E-10	3.20E-10	5.64E-11	3.13E-10	1.77E-09
4537	494863.09	3858877.25	2.06E-06	2.03E-06	1.97E-06	7.12E-10	2.15E-09	1.24E-09	1.23E-09	1.11E-09	5.08E-10	4.93E-10	2.38E-11	5.74E-10	1.27E-10	1.67E-10	2.65E-10	4.66E-11	2.59E-10	1.46E-09
4538	495363.09	3858877.25	1.72E-06	1.70E-06	1.65E-06	5.97E-10	1.80E-09	1.04E-09	1.03E-09	9.34E-10	4.26E-10	4.14E-10	1.99E-11	4.82E-10	1.06E-10	1.40E-10	2.22E-10	3.91E-11	2.17E-10	1.23E-09
4539	495863.09	3858877.25	1.54E-06	1.52E-06	1.48E-06	5.33E-10	1.61E-09	9.32E-10	9.20E-10	8.34E-10	3.81E-10	3.70E-10	1.78E-11	4.30E-10	9.49E-11	1.25E-10	1.98E-10	3.49E-11	1.94E-10	1.10E-09
4540	496363.09	3858877.25	1.44E-06	1.42E-06	1.38E-06	4.99E-10	1.51E-09	8.72E-10	8.60E-10	7.80E-10	3.56E-10	3.46E-10	1.67E-11	4.02E-10	8.88E-11	1.17E-10	1.85E-10	3.27E-11	1.81E-10	1.02E-09
4541	496863.09	3858877.25	1.35E-06	1.34E-06	1.30E-06	4.69E-10	1.42E-09	8.20E-10	8.09E-10	7.33E-10	3.35E-10	3.25E-10	1.57E-11	3.78E-10	8.35E-11	1.10E-10	1.74E-10	3.07E-11	1.71E-10	9.63E-10
4542	497363.09	3858877.25	1.27E-06	1.26E-06	1.22E-06	4.41E-10	1.33E-09	7.71E-10	7.61E-10	6.90E-10	3.15E-10	3.06E-10	1.47E-11	3.56E-10	7.85E-11	1.03E-10	1.64E-10	2.89E-11	1.60E-10	9.05E-10
4543	497863.09	3858877.25	1.38E-06	1.37E-06	1.33E-06	4.79E-10	1.45E-09	8.38E-10	8.27E-10	7.50E-10	3.42E-10	3.32E-10	1.60E-11	3.87E-10	8.53E-11	1.12E-10	1.78E-10	3.14E-11	1.74E-10	9.84E-10
4544	498363.09	3858877.25	1.48E-06	1.46E-06	1.42E-06	5.11E-10	1.54E-09	8.94E-10	8.82E-10	8.00E-10	3.65E-10	3.54E-10	1.71E-11	4.12E-10	9.10E-11	1.20E-10	1.90E-10	3.35E-11	1.86E-10	1.05E-09
4545	471363.09	3859377.25	7.81E-08	7.71E-08	7.48E-08	2.70E-11	8.16E-11	4.72E-11	4.66E-11	4.23E-11	1.93E-11	1.87E-11	9.03E-13	2.18E-11	4.81E-12	6.33E-12	1.00E-11	1.77E-12	9.83E-12	5.55E-11
4546	471863.09	3859377.25	8.17E-08	8.07E-08	7.83E-08	2.83E-11	8.54E-11	4.94E-11	4.88E-11	4.42E-11	2.02E-11	1.96E-11	9.45E-13	2.28E-11	5.04E-12	6.63E-12	1.05E-11	1.85E-12	1.03E-11	5.81E-11
4547	472363.09	3859377.25	8.71E-08	8.59E-08	8.34E-08	3.01E-11	9.10E-11	5.27E-11	5.20E-11	4.71E-11	2.15E-11	2.09E-11	1.01E-12	2.43E-11	5.36E-12	7.06E-12	1.12E-11	1.97E-12	1.10E-11	6.19E-11
4548	472863.09	3859377.25	9.21E-08	9.09E-08	8.83E-08	3.19E-11	9.63E-11	5.57E-11	5.50E-11	4.99E-11	2.28E-11	2.21E-11	1.07E-12	2.57E-11	5.68E-12	7.47E-12	1.19E-11	2.09E-12	1.16E-11	6.55E-11
4549	473363.09	3859377.25	9.83E-08	9.70E-08	9.42E-08	3.40E-11	1.03E-10	5.94E-11	5.87E-11	5.32E-11	2.43E-11	2.36E-11	1.14E-12	2.74E-11	6.05E-12	7.97E-12	1.26E-11	2.23E-12	1.24E-11	6.98E-11
4550	473863.09	3859377.25	1.03E-07	1.01E-07	9.83E-08	3.55E-11	1.07E-10	6.20E-11	6.12E-11	5.55E-11	2.53E-11	2.46E-11	1.19E-12	2.86E-11	6.32E-12	8.31E-12	1.32E-11	2.32E-12	1.29E-11	7.29E-11
4551	474363.09	3859377.25	9.76E-08	9.63E-08	9.35E-08	3.38E-11	1.02E-10	5.91E-11	5.83E-11	5.28E-11	2.41E-11	2.34E-11	1.13E-12	2.73E-11	6.01E-12	7.91E-12	1.26E-11	2.21E-12	1.23E-11	6.94E-11

4552	474863.09	3859377.25	8.20E-08	8.09E-08	7.86E-08	2.84E-11	8.57E-11	4.96E-11	4.90E-11	4.44E-11	2.03E-11	1.97E-11	9.48E-13	2.29E-11	5.05E-12	6.65E-12	1.05E-11	1.86E-12	1.03E-11	5.83E-11
4553	475363.09	3859377.25	6.23E-08	6.15E-08	5.97E-08	2.16E-11	6.52E-11	3.77E-11	3.72E-11	3.37E-11	1.54E-11	1.50E-11	7.21E-13	1.74E-11	3.84E-12	5.05E-12	8.02E-12	1.41E-12	7.85E-12	4.43E-11
4554	475863.09	3859377.25	4.42E-08	4.37E-08	4.24E-08	1.53E-11	4.62E-11	2.68E-11	2.64E-11	2.40E-11	1.09E-11	1.06E-11	5.11E-13	1.24E-11	2.73E-12	3.59E-12	5.69E-12	1.00E-12	5.57E-12	3.14E-11
4555	476363.09	3859377.25	4.03E-08	3.98E-08	3.87E-08	1.40E-11	4.22E-11	2.44E-11	2.41E-11	2.18E-11	9.96E-12	9.68E-12	4.66E-13	1.13E-11	2.49E-12	3.27E-12	5.19E-12	9.14E-13	5.08E-12	2.87E-11
4556	476863.09	3859377.25	3.40E-08	3.35E-08	3.26E-08	1.18E-11	3.55E-11	2.06E-11	2.03E-11	1.84E-11	8.39E-12	8.15E-12	3.93E-13	9.48E-12	2.09E-12	2.75E-12	4.37E-12	7.70E-13	4.28E-12	2.41E-11
4557	477363.09	3859377.25	3.70E-08	3.65E-08	3.54E-08	1.28E-11	3.86E-11	2.24E-11	2.21E-11	2.00E-11	9.13E-12	8.86E-12	4.27E-13	1.03E-11	2.28E-12	3.00E-12	4.75E-12	8.38E-13	4.65E-12	2.63E-11
4558	477863.09	3859377.25	6.34E-08	6.25E-08	6.07E-08	2.19E-11	6.62E-11	3.83E-11	3.78E-11	3.43E-11	1.57E-11	1.52E-11	7.33E-13	1.77E-11	3.90E-12	5.14E-12	8.15E-12	1.44E-12	7.98E-12	4.50E-11
4559	478363.09	3859377.25	9.40E-08	9.27E-08	9.00E-08	3.25E-11	9.82E-11	5.69E-11	5.61E-11	5.09E-11	2.32E-11	2.25E-11	1.09E-12	2.62E-11	5.79E-12	7.62E-12	1.21E-11	2.13E-12	1.18E-11	6.68E-11
4560	478863.09	3859377.25	1.36E-07	1.34E-07	1.30E-07	4.71E-11	1.42E-10	8.23E-11	8.12E-11	7.36E-11	3.36E-11	3.26E-11	1.57E-12	3.80E-11	8.38E-12	1.10E-11	1.75E-11	3.08E-12	1.71E-11	9.66E-11
4561	479363.09	3859377.25	1.77E-07	1.75E-07	1.69E-07	6.12E-11	1.85E-10	1.07E-10	1.06E-10	9.57E-11	4.37E-11	4.24E-11	2.04E-12	4.94E-11	1.09E-11	1.43E-11	2.27E-11	4.01E-12	2.23E-11	1.26E-10
4562	479863.09	3859377.25	2.14E-07	2.12E-07	2.06E-07	7.42E-11	2.24E-10	1.30E-10	1.28E-10	1.16E-10	5.30E-11	5.14E-11	2.48E-12	5.99E-11	1.32E-11	1.74E-11	2.76E-11	4.86E-12	2.70E-11	1.52E-10
4563	480363.09	3859377.25	2.50E-07	2.47E-07	2.40E-07	8.67E-11	2.62E-10	1.51E-10	1.50E-10	1.36E-10	6.18E-11	6.01E-11	2.89E-12	6.99E-11	1.54E-11	2.03E-11	3.22E-11	5.68E-12	3.15E-11	1.78E-10
4564	480863.09	3859377.25	2.79E-07	2.75E-07	2.68E-07	9.66E-11	2.92E-10	1.69E-10	1.67E-10	1.51E-10	6.89E-11	6.70E-11	3.23E-12	7.79E-11	1.72E-11	2.26E-11	3.59E-11	6.33E-12	3.51E-11	1.98E-10
4565	481363.09	3859377.25	3.08E-07	3.04E-07	2.95E-07	1.07E-10	3.22E-10	1.86E-10	1.84E-10	1.67E-10	7.61E-11	7.39E-11	3.56E-12	8.60E-11	1.90E-11	2.50E-11	3.96E-11	6.98E-12	3.88E-11	2.19E-10
4566	481863.09	3859377.25	3.39E-07	3.35E-07	3.25E-07	1.17E-10	3.54E-10	2.05E-10	2.02E-10	1.84E-10	8.37E-11	8.13E-11	3.92E-12	9.47E-11	2.09E-11	2.75E-11	4.36E-11	7.68E-12	4.27E-11	2.41E-10
4567	482363.09	3859377.25	3.73E-07	3.68E-07	3.58E-07	1.29E-10	3.90E-10	2.26E-10	2.23E-10	2.02E-10	9.22E-11	8.96E-11	4.32E-12	1.04E-10	2.30E-11	3.03E-11	4.80E-11	8.46E-12	4.70E-11	2.65E-10
4568	482863.09	3859377.25	4.19E-07	4.14E-07	4.02E-07	1.45E-10	4.38E-10	2.54E-10	2.50E-10	2.27E-10	1.04E-10	1.01E-10	4.85E-12	1.17E-10	2.58E-11	3.40E-11	5.39E-11	9.51E-12	5.28E-11	2.98E-10
4569	483363.09	3859377.25	4.83E-07	4.77E-07	4.63E-07	1.67E-10	5.05E-10	2.93E-10	2.89E-10	2.62E-10	1.19E-10	1.16E-10	5.59E-12	1.35E-10	2.98E-11	3.92E-11	6.22E-11	1.10E-11	6.09E-11	3.44E-10
4570	483863.09	3859377.25	5.46E-07	5.39E-07	5.24E-07	1.89E-10	5.71E-10	3.31E-10	3.26E-10	2.96E-10	1.35E-10	1.31E-10	6.31E-12	1.53E-10	3.37E-11	4.43E-11	7.03E-11	1.24E-11	6.88E-11	3.88E-10
4571	484363.09	3859377.25	6.33E-07	6.24E-07	6.06E-07	2.19E-10	6.61E-10	3.83E-10	3.78E-10	3.43E-10	1.56E-10	1.52E-10	7.31E-12	1.77E-10	3.90E-11	5.13E-11	8.14E-11	1.43E-11	7.96E-11	4.50E-10
4572	484863.09	3859377.25	7.45E-07	7.35E-07	7.14E-07	2.58E-10	7.79E-10	4.51E-10	4.45E-10	4.03E-10	1.84E-10	1.79E-10	8.61E-12	2.08E-10	4.59E-11	6.04E-11	9.58E-11	1.69E-11	9.38E-11	5.30E-10
4573	485363.09	3859377.25	8.92E-07	8.80E-07	8.55E-07	3.09E-10	9.32E-10	5.40E-10	5.32E-10	4.83E-10	2.20E-10	2.14E-10	1.03E-11	2.49E-10	5.49E-11	7.23E-11	1.15E-10	2.02E-11	1.12E-10	6.34E-10
4574	485863.09	3859377.25	1.10E-06	1.08E-06	1.05E-06	3.80E-10	1.15E-09	6.64E-10	6.55E-10	5.94E-10	2.71E-10	2.63E-10	1.27E-11	3.06E-10	6.76E-11	8.90E-11	1.41E-10	2.49E-11	1.38E-10	7.80E-10
4575	486363.09	3859377.25	1.35E-06	1.33E-06	1.30E-06	4.68E-10	1.41E-09	8.18E-10	8.08E-10	7.32E-10	3.34E-10	3.24E-10	1.56E-11	3.78E-10	8.33E-11	1.10E-10	1.74E-10	3.07E-11	1.70E-10	9.61E-10
4576	486863.09	3859377.25	1.74E-06	1.72E-06	1.67E-06	6.03E-10	1.82E-09	1.05E-09	1.04E-09	9.43E-10	4.30E-10	4.18E-10	2.01E-11	4.87E-10	1.07E-10	1.41E-10	2.24E-10	3.95E-11	2.19E-10	1.24E-09
4577	487363.09	3859377.25	2.37E-06	2.34E-06	2.27E-06	8.20E-10	2.48E-09	1.43E-09	1.42E-09	1.28E-09	5.85E-10	5.68E-10	2.74E-11	6.62E-10	1.46E-10	1.92E-10	3.05E-10	5.37E-11	2.98E-10	1.68E-09
4578	487863.09	3859377.25	3.31E-06	3.27E-06	3.18E-06	1.15E-09	3.46E-09	2.00E-09	1.98E-09	1.79E-09	8.18E-10	7.95E-10	3.83E-11	9.25E-10	2.04E-10	2.69E-10	4.26E-10	7.51E-11	4.17E-10	2.35E-09
4579	488363.09	3859377.25	4.75E-06	4.68E-06	4.55E-06	1.64E-09	4.96E-09	2.87E-09	2.83E-09	2.57E-09	1.17E-09	1.14E-09	5.49E-11	1.33E-09	2.92E-10	3.85E-10	6.10E-10	1.08E-10	5.97E-10	3.37E-09
4580	488863.09	3859377.25	9.29E-06	9.17E-06	8.90E-06	3.22E-09	9.71E-09	5.62E-09	5.55E-09	5.03E-09	2.29E-09	2.23E-09	1.07E-10	2.59E-09	5.72E-10	7.53E-10	1.19E-09	2.11E-10	1.17E-09	6.60E-09
4581	489363.09	3859377.25	4.21E-05	4.15E-05	4.03E-05	1.46E-08	4.40E-08	2.55E-08	2.51E-08	2.28E-08	1.04E-08	1.01E-08	4.87E-10	1.18E-08	2.59E-09	3.41E-09	5.41E-09	9.54E-10	5.30E-09	2.99E-08
4582	489863.09	3859377.25	1.51E-05	1.49E-05	1.44E-05	5.21E-09	1.57E-08	9.11E-09	9.00E-09	8.15E-09	3.72E-09	3.61E-09	1.74E-10	4.21E-09	9.28E-10	1.22E-09	1.94E-09	3.41E-10	1.90E-09	1.07E-08
4583	490363.09	3859377.25	1.01E-05	1.00E-05	9.72E-06	3.51E-09	1.06E-08	6.14E-09	6.06E-09	5.49E-09	2.51E-09	2.43E-09	1.17E-10	2.83E-09	6.25E-10	8.23E-10	1.30E-09	2.30E-10	1.28E-09	7.21E-09
4584	490863.09	3859377.25	7.30E-06	7.21E-06	7.00E-06	2.53E-09	7.63E-09	4.42E-09	4.36E-09	3.95E-09	1.80E-09	1.75E-09	8.44E-11	2.04E-09	4.50E-10	5.92E-10	9.39E-10	1.66E-10	9.19E-10	5.19E-09
4585	491363.09	3859377.25	4.20E-06	4.15E-06	4.03E-06	1.45E-09	4.39E-09	2.54E-09	2.51E-09	2.28E-09	1.04E-09	1.01E-09	4.86E-11	1.17E-09	2.59E-10	3.41E-10	5.41E-10	9.53E-11	5.29E-10	2.99E-09
4586	491863.09	3859377.25	4.98E-06	4.91E-06	4.77E-06	1.72E-09	5.20E-09	3.01E-09	2.97E-09	2.69E-09	1.23E-09	1.19E-09	5.75E-11	1.39E-09	3.07E-10	4.03E-10	6.40E-10	1.13E-10	6.26E-10	3.54E-09
4587	492363.09	3859377.25	4.49E-06	4.43E-06	4.31E-06	1.56E-09	4.70E-09	2.72E-09	2.68E-09	2.43E-09	1.11E-09	1.08E-09	5.19E-11	1.25E-09	2.77E-10	3.64E-10	5.78E-10	1.02E-10	5.66E-10	3.19E-09
4588	492863.09	3859377.25	4.14E-06	4.09E-06	3.97E-06	1.43E-09	4.33E-09	2.51E-09	2.48E-09	2.24E-09	1.02E-09	9.94E-10	4.79E-11	1.16E-09	2.55E-10	3.36E-10	5.33E-10	9.39E-11	5.22E-10	2.95E-09
4589	493363.09	3859377.25	3.49E-06	3.44E-06	3.34E-06	1.21E-09	3.64E-09	2.11E-09	2.08E-09	1.89E-09	8.61E-10	8.36E-10	4.03E-11	9.73E-10	2.15E-10	2.83E-10	4.48E-10	7.90E-11	4.39E-10	2.48E-09
4590	493863.09	3859377.25	3.18E-06	3.14E-06	3.05E-06	1.10E-09	3.32E-09	1.92E-09	1.90E-09	1.72E-09	7.85E-10	7.62E-10	3.67E-11	8.87E-10	1.96E-10	2.58E-10	4.09E-10	7.20E-11	4.00E-10	2.26E-09
4591	494363.09	3859377.25	2.76E-06	2.73E-06	2.65E-06	9.57E-10	2.89E-09	1.67E-09	1.65E-09	1.50E-09	6.83E-10	6.63E-10	3.19E-11	7.72E-10	1.70E-10	2.24E-10	3.55E-10	6.26E-11	3.48E-10	1.96E-09
4592	494863.09	3859377.25	2.19E-06	2.16E-06	2.10E-06	7.59E-10	2.29E-09	1.33E-09	1.31E-09	1.19E-09	5.42E-10	5.26E-10	2.54E-11	6.12E-10	1.35E-10	1.78E-10	2.82E-10	4.97E-11	2.76E-10	1.56E-09
4593	495363.09	3859377.25	2.00E-06	1.97E-06	1.92E-06	6.92E-10	2.09E-09	1.21E-09	1.19E-09	1.08E-09	4.94E-10	4.79E-10	2.31E-11	5.58E-10	1.23E-10	1.62E-10	2.57E-10	4.53E-11	2.52E-10	1.42E-09
4594	495863.09	3859377.25	1.76E-06	1.74E-06	1.69E-06	6.09E-10	1.84E-09	1.06E-09	1.05E-09	9.52E-10	4.34E-10	4.22E-10	2.03E-11	4.91E-10	1.08E-10	1.43E-10	2.26E-10	3.99E-11	2.21E-10	1.25E-09
4595	496363.09	3859377.25	1.68E-06	1.66E-06	1.61E-06	5.82E-10	1.76E-09	1.02E-09	1.00E-09	9.10E-10	4.15E-10	4.03E-10	1.94E-11	4.69E-10	1.04E-10	1.36E-10	2.16E-10	3.81E-11	2.12E-10	1.19E-09
4596	496863.09	3859377.25	1.43E-06	1.41E-06	1.37E-06	4.96E-10	1.50E-09	8.67E-10	8.56E-10	7.76E-10	3.54E-10	3.44E-10	1.66E-11	4.00E-10	8.83E-11	1.16E-10	1.84E-10	3.25E-11	1.80E-10	1.02E-09
4597	497363.09	3859377.25	1.44E-06	1.42E-06	1.38E-06	4.98E-10	1.50E-09	8.71E-10	8.60E-10	7.79E-10	3.56E-10	3.45E-10	1.66E-11	4.02E-10	8.87E-11	1.17E-10	1.85E-10	3.26E-11	1.81E-10	1.02E-09
4598	497863.09	3859377.25	1.51E-06	1.49E-06	1.45E-06	5.23E-10	1.58E-09	9.15E-10	9.03E-10	8.18E-10	3.73E-10	3.63E-10	1.75E-11	4.22E-10	9.31E-11	1.23E-10	1.94E-10	3.43E-11	1.90E-10	1.07E-09
4599	498363.09	3859377.25	1.51E-06	1.49E-06	1.44E-06	5.22E-10	1.58E-09	9.12E-10	9.00E-10	8.16E-10	3.72E-10	3.61E-10	1.74E-11	4.21E-10	9.28E-11	1.22E-10	1.94E-10	3.42E-11	1.90E-10	1.07E-09
4600	471363.09	3859877.25	8.51E-08	8.40E-08	8.16E-08	2.95E-11	8.90E-11	5.15E-11	5.08E-11	4.61E-11	2.10E-11	2.04E-11	9.84E-13	2.38E-11	5.24E-12	6.90E-12	1.09E-11	1.93E-12	1.07E-11	6.05E-11
4601	471863.09	3859877.25	8.95E-08	8.84E-08	8.58E-08	3.10E-11	9.36E-11	5.42E-11	5.35E-11	4.85E-11	2.21E-11	2.15E-11	1.03E-12	2.50E-11	5.52E-12	7.26E-12	1.15E-11	2.03E-12	1.13E-11	6.36E-11
4602	472363.09	3859877.25	9.37E-08	9.25E-08	8.98E-08	3.24E-11	9.79E-11	5.67E-11	5.60E-11	5.07E-11	2.31E-11	2.25E-11	1.08E-12	2.62E-11	5.77E-12	7.60E-12	1.21E-11	2.12E-12	1.18E-11	6.66E-11
4603	472863.09	3859877.25	9.97E-08	9.84E-08	9.55E-08	3.45E-11	1.04E-10	6.03E-11	5.95E-11	5.40E-11	2.46E-11	2.39E-11	1.15E-12	2.78E-11	6.14E-12	8.08E-12	1.28E-11	2.26E-12	1.25E-11	7.08E-11
4604	473363.09	3859877.25	1.06E-07	1.04E-07	1.01E-07	3.65E-11	1.10E-10	6.39E-11	6.30E-11	5.71E-11	2.61E-11	2.53E-11	1.22E-12	2.95E-11	6.50E-12	8.56E-12	1.36E-11	2.39E-12	1.33E-11	7.50E-11

4605	473863.09	3859877.25	1.11E-07	1.10E-07	1.06E-07	3.84E-11	1.16E-10	6.72E-11	6.63E-11	6.01E-11	2.74E-11	2.66E-11	1.28E-12	3.10E-11	6.84E-12	9.00E-12	1.43E-11	2.52E-12	1.40E-11	7.89E-11
4606	474363.09	3859877.25	1.08E-07	1.07E-07	1.04E-07	3.74E-11	1.13E-10	6.54E-11	6.45E-11	5.85E-11	2.67E-11	2.59E-11	1.25E-12	3.02E-11	6.65E-12	8.76E-12	1.39E-11	2.45E-12	1.36E-11	7.68E-11
4607	474863.09	3859877.25	9.88E-08	9.75E-08	9.47E-08	3.42E-11	1.03E-10	5.98E-11	5.90E-11	5.35E-11	2.44E-11	2.37E-11	1.14E-12	2.76E-11	6.09E-12	8.01E-12	1.27E-11	2.24E-12	1.24E-11	7.02E-11
4608	475363.09	3859877.25	7.11E-08	7.01E-08	6.81E-08	2.46E-11	7.43E-11	4.30E-11	4.24E-11	3.85E-11	1.76E-11	1.70E-11	8.21E-13	1.98E-11	4.38E-12	5.76E-12	9.14E-12	1.61E-12	8.94E-12	5.05E-11
4609	475863.09	3859877.25	4.16E-08	4.11E-08	3.99E-08	1.44E-11	4.35E-11	2.52E-11	2.49E-11	2.25E-11	1.03E-11	9.99E-12	4.81E-13	1.16E-11	2.57E-12	3.38E-12	5.36E-12	9.44E-13	5.24E-12	2.96E-11
4610	476363.09	3859877.25	2.75E-08	2.71E-08	2.63E-08	9.51E-12	2.87E-11	1.66E-11	1.64E-11	1.49E-11	6.78E-12	6.59E-12	3.17E-13	7.67E-12	1.69E-12	2.23E-12	3.53E-12	6.22E-13	3.46E-12	1.95E-11
4611	476863.09	3859877.25	3.14E-08	3.10E-08	3.01E-08	1.09E-11	3.28E-11	1.90E-11	1.87E-11	1.70E-11	7.75E-12	7.52E-12	3.63E-13	8.76E-12	1.93E-12	2.54E-12	4.03E-12	7.11E-13	3.95E-12	2.23E-11
4612	477363.09	3859877.25	3.37E-08	3.33E-08	3.23E-08	1.17E-11	3.52E-11	2.04E-11	2.01E-11	1.82E-11	8.33E-12	8.08E-12	3.90E-13	9.41E-12	2.08E-12	2.73E-12	4.34E-12	7.64E-13	4.24E-12	2.40E-11
4613	477863.09	3859877.25	5.66E-08	5.59E-08	5.43E-08	1.96E-11	5.92E-11	3.43E-11	3.38E-11	3.06E-11	1.40E-11	1.36E-11	6.54E-13	1.58E-11	3.49E-12	4.59E-12	7.28E-12	1.28E-12	7.13E-12	4.02E-11
4614	478363.09	3859877.25	9.17E-08	9.05E-08	8.79E-08	3.18E-11	9.59E-11	5.55E-11	5.48E-11	4.97E-11	2.27E-11	2.20E-11	1.06E-12	2.56E-11	5.65E-12	7.44E-12	1.18E-11	2.08E-12	1.15E-11	6.52E-11
4615	478863.09	3859877.25	1.34E-07	1.32E-07	1.28E-07	4.62E-11	1.40E-10	8.08E-11	7.97E-11	7.23E-11	3.30E-11	3.20E-11	1.54E-12	3.73E-11	8.23E-12	1.08E-11	1.72E-11	3.03E-12	1.68E-11	9.49E-11
4616	479363.09	3859877.25	1.80E-07	1.77E-07	1.72E-07	6.22E-11	1.88E-10	1.09E-10	1.07E-10	9.72E-11	4.44E-11	4.31E-11	2.08E-12	5.01E-11	1.11E-11	1.46E-11	2.31E-11	4.07E-12	2.26E-11	1.28E-10
4617	479863.09	3859877.25	2.15E-07	2.12E-07	2.06E-07	7.43E-11	2.24E-10	1.30E-10	1.28E-10	1.16E-10	5.30E-11	5.15E-11	2.48E-12	5.99E-11	1.32E-11	1.74E-11	2.76E-11	4.86E-12	2.70E-11	1.52E-10
4618	480363.09	3859877.25	2.45E-07	2.42E-07	2.35E-07	8.49E-11	2.56E-10	1.48E-10	1.46E-10	1.33E-10	6.06E-11	5.88E-11	2.84E-12	6.85E-11	1.51E-11	1.99E-11	3.16E-11	5.56E-12	3.09E-11	1.74E-10
4619	480863.09	3859877.25	2.71E-07	2.67E-07	2.59E-07	9.37E-11	2.83E-10	1.64E-10	1.62E-10	1.47E-10	6.69E-11	6.49E-11	3.13E-12	7.56E-11	1.67E-11	2.19E-11	3.48E-11	6.14E-12	3.41E-11	1.92E-10
4620	481363.09	3859877.25	2.98E-07	2.94E-07	2.86E-07	1.03E-10	3.12E-10	1.80E-10	1.78E-10	1.61E-10	7.36E-11	7.15E-11	3.45E-12	8.32E-11	1.84E-11	2.42E-11	3.83E-11	6.76E-12	3.75E-11	2.12E-10
4621	481863.09	3859877.25	3.28E-07	3.24E-07	3.14E-07	1.14E-10	3.43E-10	1.98E-10	1.96E-10	1.78E-10	8.10E-11	7.87E-11	3.79E-12	9.16E-11	2.02E-11	2.66E-11	4.22E-11	7.43E-12	4.13E-11	2.33E-10
4622	482363.09	3859877.25	3.66E-07	3.61E-07	3.51E-07	1.27E-10	3.83E-10	2.21E-10	2.19E-10	1.98E-10	9.04E-11	8.78E-11	4.23E-12	1.02E-10	2.26E-11	2.97E-11	4.71E-11	8.30E-12	4.61E-11	2.60E-10
4623	482863.09	3859877.25	4.14E-07	4.09E-07	3.97E-07	1.43E-10	4.33E-10	2.50E-10	2.47E-10	2.24E-10	1.02E-10	9.93E-11	4.79E-12	1.16E-10	2.55E-11	3.36E-11	5.32E-11	9.38E-12	5.21E-11	2.94E-10
4624	483363.09	3859877.25	4.73E-07	4.67E-07	4.54E-07	1.64E-10	4.95E-10	2.86E-10	2.83E-10	2.56E-10	1.17E-10	1.14E-10	5.47E-12	1.32E-10	2.92E-11	3.84E-11	6.09E-11	1.07E-11	5.96E-11	3.36E-10
4625	483863.09	3859877.25	5.43E-07	5.36E-07	5.20E-07	1.88E-10	5.67E-10	3.28E-10	3.24E-10	2.94E-10	1.34E-10	1.30E-10	6.27E-12	1.52E-10	3.34E-11	4.40E-11	6.98E-11	1.23E-11	6.83E-11	3.86E-10
4626	484363.09	3859877.25	6.27E-07	6.19E-07	6.01E-07	2.17E-10	6.55E-10	3.79E-10	3.74E-10	3.39E-10	1.55E-10	1.50E-10	7.25E-12	1.75E-10	3.86E-11	5.08E-11	8.06E-11	1.42E-11	7.89E-11	4.45E-10
4627	484863.09	3859877.25	7.44E-07	7.34E-07	7.13E-07	2.58E-10	7.78E-10	4.50E-10	4.44E-10	4.03E-10	1.84E-10	1.78E-10	8.60E-12	2.08E-10	4.58E-11	6.03E-11	9.57E-11	1.69E-11	9.37E-11	5.29E-10
4628	485363.09	3859877.25	8.70E-07	8.59E-07	8.34E-07	3.01E-10	9.10E-10	5.27E-10	5.20E-10	4.71E-10	2.15E-10	2.09E-10	1.01E-11	2.43E-10	5.36E-11	7.06E-11	1.12E-10	1.97E-11	1.10E-10	6.18E-10
4629	485863.09	3859877.25	1.03E-06	1.02E-06	9.88E-07	3.57E-10	1.08E-09	6.24E-10	6.16E-10	5.58E-10	2.55E-10	2.47E-10	1.19E-11	2.88E-10	6.35E-11	8.36E-11	1.33E-10	2.34E-11	1.30E-10	7.33E-10
4630	486363.09	3859877.25	1.25E-06	1.23E-06	1.20E-06	4.32E-10	1.30E-09	7.55E-10	7.45E-10	6.75E-10	3.08E-10	2.99E-10	1.44E-11	3.48E-10	7.69E-11	1.01E-10	1.60E-10	2.83E-11	1.57E-10	8.86E-10
4631	486863.09	3859877.25	1.55E-06	1.53E-06	1.48E-06	5.35E-10	1.62E-09	9.35E-10	9.23E-10	8.37E-10	3.82E-10	3.71E-10	1.79E-11	4.32E-10	9.52E-11	1.25E-10	1.99E-10	3.50E-11	1.95E-10	1.10E-09
4632	487363.09	3859877.25	1.85E-06	1.83E-06	1.78E-06	6.42E-10	1.94E-09	1.12E-09	1.11E-09	1.00E-09	4.58E-10	4.45E-10	2.14E-11	5.18E-10	1.14E-10	1.50E-10	2.38E-10	4.20E-11	2.33E-10	1.32E-09
4633	487863.09	3859877.25	2.37E-06	2.34E-06	2.27E-06	8.19E-10	2.47E-09	1.43E-09	1.41E-09	1.28E-09	5.85E-10	5.68E-10	2.74E-11	6.61E-10	1.46E-10	1.92E-10	3.04E-10	5.36E-11	2.98E-10	1.68E-09
4634	488363.09	3859877.25	3.05E-06	3.01E-06	2.93E-06	1.06E-09	3.19E-09	1.85E-09	1.82E-09	1.65E-09	7.54E-10	7.32E-10	3.53E-11	8.52E-10	1.88E-10	2.47E-10	3.93E-10	6.92E-11	3.84E-10	2.17E-09
4635	488863.09	3859877.25	4.39E-06	4.34E-06	4.21E-06	1.52E-09	4.59E-09	2.66E-09	2.62E-09	2.38E-09	1.08E-09	1.05E-09	5.08E-11	1.23E-09	2.71E-10	3.56E-10	5.65E-10	9.96E-11	5.53E-10	3.12E-09
4636	489363.09	3859877.25	7.86E-06	7.76E-06	7.53E-06	2.72E-09	8.22E-09	4.76E-09	4.69E-09	4.26E-09	1.94E-09	1.89E-09	9.09E-11	2.19E-09	4.84E-10	6.37E-10	1.01E-09	1.78E-10	9.89E-10	5.59E-09
4637	489863.09	3859877.25	5.44E-06	5.37E-06	5.21E-06	1.88E-09	5.68E-09	3.29E-09	3.25E-09	2.94E-09	1.34E-09	1.30E-09	6.29E-11	1.52E-09	3.35E-10	4.41E-10	6.99E-10	1.23E-10	6.84E-10	3.86E-09
4638	490363.09	3859877.25	4.82E-06	4.76E-06	4.62E-06	1.67E-09	5.04E-09	2.92E-09	2.88E-09	2.61E-09	1.19E-09	1.16E-09	5.57E-11	1.35E-09	2.97E-10	3.91E-10	6.20E-10	1.09E-10	6.07E-10	3.42E-09
4639	490863.09	3859877.25	4.95E-06	4.88E-06	4.74E-06	1.71E-09	5.17E-09	2.99E-09	2.95E-09	2.68E-09	1.22E-09	1.19E-09	5.72E-11	1.38E-09	3.05E-10	4.01E-10	6.36E-10	1.12E-10	6.23E-10	3.51E-09
4640	491363.09	3859877.25	4.53E-06	4.47E-06	4.34E-06	1.57E-09	4.74E-09	2.74E-09	2.71E-09	2.45E-09	1.12E-09	1.09E-09	5.24E-11	1.27E-09	2.79E-10	3.67E-10	5.83E-10	1.03E-10	5.70E-10	3.22E-09
4641	491863.09	3859877.25	3.85E-06	3.80E-06	3.69E-06	1.33E-09	4.03E-09	2.33E-09	2.30E-09	2.09E-09	9.52E-10	9.24E-10	4.45E-11	1.08E-09	2.37E-10	3.12E-10	4.96E-10	8.74E-11	4.85E-10	2.74E-09
4642	492363.09	3859877.25	3.46E-06	3.42E-06	3.32E-06	1.20E-09	3.62E-09	2.09E-09	2.07E-09	1.87E-09	8.55E-10	8.30E-10	4.00E-11	9.67E-10	2.13E-10	2.81E-10	4.45E-10	7.85E-11	4.36E-10	2.46E-09
4643	492863.09	3859877.25	3.13E-06	3.09E-06	3.00E-06	1.08E-09	3.27E-09	1.90E-09	1.87E-09	1.70E-09	7.74E-10	7.52E-10	3.62E-11	8.75E-10	1.93E-10	2.54E-10	4.03E-10	7.10E-11	3.94E-10	2.23E-09
4644	493363.09	3859877.25	2.88E-06	2.84E-06	2.76E-06	9.96E-10	3.01E-09	1.74E-09	1.72E-09	1.56E-09	7.11E-10	6.90E-10	3.33E-11	8.04E-10	1.77E-10	2.33E-10	3.70E-10	6.52E-11	3.62E-10	2.05E-09
4645	493863.09	3859877.25	2.65E-06	2.61E-06	2.54E-06	9.17E-10	2.77E-09	1.60E-09	1.58E-09	1.43E-09	6.54E-10	6.35E-10	3.06E-11	7.40E-10	1.63E-10	2.15E-10	3.41E-10	6.01E-11	3.34E-10	1.88E-09
4646	494363.09	3859877.25	2.39E-06	2.36E-06	2.30E-06	8.29E-10	2.50E-09	1.45E-09	1.43E-09	1.30E-09	5.92E-10	5.74E-10	2.77E-11	6.69E-10	1.48E-10	1.94E-10	3.08E-10	5.43E-11	3.01E-10	1.70E-09
4647	494863.09	3859877.25	2.23E-06	2.20E-06	2.13E-06	7.70E-10	2.33E-09	1.35E-09	1.33E-09	1.20E-09	5.50E-10	5.34E-10	2.57E-11	6.21E-10	1.37E-10	1.80E-10	2.86E-10	5.04E-11	2.80E-10	1.58E-09
4648	495363.09	3859877.25	2.03E-06	2.00E-06	1.95E-06	7.03E-10	2.12E-09	1.23E-09	1.21E-09	1.10E-09	5.01E-10	4.87E-10	2.35E-11	5.67E-10	1.25E-10	1.65E-10	2.61E-10	4.60E-11	2.56E-10	1.44E-09
4649	495863.09	3859877.25	1.84E-06	1.81E-06	1.76E-06	6.35E-10	1.92E-09	1.11E-09	1.10E-09	9.93E-10	4.53E-10	4.40E-10	2.12E-11	5.12E-10	1.13E-10	1.49E-10	2.36E-10	4.16E-11	2.31E-10	1.30E-09
4650	496363.09	3859877.25	1.58E-06	1.56E-06	1.51E-06	5.47E-10	1.65E-09	9.56E-10	9.44E-10	8.55E-10	3.90E-10	3.79E-10	1.83E-11	4.41E-10	9.74E-11	1.28E-10	2.03E-10	3.58E-11	1.99E-10	1.12E-09
4651	496863.09	3859877.25	1.12E-06	1.11E-06	1.07E-06	3.88E-10	1.17E-09	6.79E-10	6.70E-10	6.07E-10	2.77E-10	2.69E-10	1.30E-11	3.13E-10	6.91E-11	9.09E-11	1.44E-10	2.54E-11	1.41E-10	7.97E-10
4652	497363.09	3859877.25	1.34E-06	1.32E-06	1.29E-06	4.65E-10	1.40E-09	8.12E-10	8.02E-10	7.27E-10	3.32E-10	3.22E-10	1.55E-11	3.75E-10	8.27E-11	1.09E-10	1.73E-10	3.04E-11	1.69E-10	9.54E-10
4653	497863.09	3859877.25	1.46E-06	1.44E-06	1.40E-06	5.04E-10	1.52E-09	8.81E-10	8.70E-10	7.89E-10	3.60E-10	3.49E-10	1.68E-11	4.07E-10	8.98E-11	1.18E-10	1.87E-10	3.30E-11	1.83E-10	1.04E-09
4654	498363.09	3859877.25	1.41E-06	1.40E-06	1.36E-06	4.90E-10	1.48E-09	8.56E-10	8.45E-10	7.66E-10	3.49E-10	3.39E-10	1.63E-11	3.95E-10	8.71E-11	1.15E-10	1.82E-10	3.21E-11	1.78E-10	1.01E-09
4655	471363.09	3860377.25	9.01E-08	8.89E-08	8.63E-08	3.12E-11	9.41E-11	5.45E-11	5.38E-11	4.87E-11	2.22E-11	2.16E-11	1.04E-12	2.51E-11	5.55E-12	7.30E-12	1.16E-11	2.04E-12	1.13E-11	6.40E-11
4656	471863.09	3860377.25	9.41E-08	9.29E-08	9.02E-08	3.26E-11	9.83E-11	5.69E-11	5.62E-11	5.09E-11	2.32E-11	2.26E-11	1.09E-12	2.63E-11	5.80E-12	7.63E-12	1.21E-11	2.13E-12	1.18E-11	6.69E-11
4657	472363.09	3860377.25	9.86E-08	9.74E-08	9.45E-08	3.41E-11	1.03E-10	5.97E-11	5.89E-11	5.34E-11	2.44E-11	2.37E-11	1.14E-12	2.75E-11	6.08E-12	8.00E-12	1.27E-11	2.24E-12	1.24E-11	7.01E-11

4658	472863.09	3860377.25	1.04E-07	1.02E-07	9.94E-08	3.59E-11	1.08E-10	6.28E-11	6.19E-11	5.61E-11	2.56E-11	2.49E-11	1.20E-12	2.90E-11	6.39E-12	8.41E-12	1.33E-11	2.35E-12	1.31E-11	7.37E-11
4659	473363.09	3860377.25	1.09E-07	1.07E-07	1.04E-07	3.76E-11	1.14E-10	6.57E-11	6.49E-11	5.88E-11	2.68E-11	2.61E-11	1.26E-12	3.03E-11	6.70E-12	8.81E-12	1.40E-11	2.46E-12	1.37E-11	7.72E-11
4660	473863.09	3860377.25	1.13E-07	1.11E-07	1.08E-07	3.91E-11	1.18E-10	6.83E-11	6.75E-11	6.11E-11	2.79E-11	2.71E-11	1.31E-12	3.15E-11	6.96E-12	9.16E-12	1.45E-11	2.56E-12	1.42E-11	8.03E-11
4661	474363.09	3860377.25	1.15E-07	1.13E-07	1.10E-07	3.97E-11	1.20E-10	6.94E-11	6.85E-11	6.21E-11	2.83E-11	2.75E-11	1.33E-12	3.20E-11	7.06E-12	9.30E-12	1.47E-11	2.60E-12	1.44E-11	8.15E-11
4662	474863.09	3860377.25	1.13E-07	1.11E-07	1.08E-07	3.91E-11	1.18E-10	6.83E-11	6.75E-11	6.11E-11	2.79E-11	2.71E-11	1.31E-12	3.15E-11	6.96E-12	9.16E-12	1.45E-11	2.56E-12	1.42E-11	8.03E-11
4663	475363.09	3860377.25	1.04E-07	1.02E-07	9.94E-08	3.59E-11	1.08E-10	6.28E-11	6.19E-11	5.61E-11	2.56E-11	2.49E-11	1.20E-12	2.90E-11	6.39E-12	8.41E-12	1.33E-11	2.35E-12	1.31E-11	7.37E-11
4664	475863.09	3860377.25	9.11E-08	8.99E-08	8.73E-08	3.15E-11	9.52E-11	5.51E-11	5.44E-11	4.93E-11	2.25E-11	2.19E-11	1.05E-12	2.54E-11	5.61E-12	7.39E-12	1.17E-11	2.06E-12	1.15E-11	6.47E-11
4665	476363.09	3860377.25	7.57E-08	7.48E-08	7.26E-08	2.62E-11	7.92E-11	4.58E-11	4.52E-11	4.10E-11	1.87E-11	1.82E-11	8.75E-13	2.11E-11	4.67E-12	6.14E-12	9.74E-12	1.72E-12	9.53E-12	5.38E-11
4666	476863.09	3860377.25	6.98E-08	6.88E-08	6.69E-08	2.41E-11	7.29E-11	4.22E-11	4.17E-11	3.78E-11	1.72E-11	1.67E-11	8.06E-13	1.95E-11	4.30E-12	5.66E-12	8.97E-12	1.58E-12	8.78E-12	4.96E-11
4667	477363.09	3860377.25	4.65E-08	4.59E-08	4.45E-08	1.61E-11	4.86E-11	2.81E-11	2.77E-11	2.51E-11	1.15E-11	1.11E-11	5.37E-13	1.30E-11	2.86E-12	3.77E-12	5.98E-12	1.05E-12	5.85E-12	3.30E-11
4668	477863.09	3860377.25	5.74E-08	5.66E-08	5.50E-08	1.99E-11	6.00E-11	3.47E-11	3.43E-11	3.11E-11	1.42E-11	1.38E-11	6.63E-13	1.60E-11	3.54E-12	4.65E-12	7.38E-12	1.30E-12	7.22E-12	4.08E-11
4669	478363.09	3860377.25	9.55E-08	9.43E-08	9.15E-08	3.31E-11	9.98E-11	5.78E-11	5.70E-11	5.17E-11	2.36E-11	2.29E-11	1.10E-12	2.67E-11	5.89E-12	7.74E-12	1.23E-11	2.17E-12	1.20E-11	6.79E-11
4670	478863.09	3860377.25	1.31E-07	1.29E-07	1.26E-07	4.54E-11	1.37E-10	7.93E-11	7.83E-11	7.09E-11	3.24E-11	3.14E-11	1.51E-12	3.66E-11	8.07E-12	1.06E-11	1.69E-11	2.97E-12	1.65E-11	9.31E-11
4671	479363.09	3860377.25	1.73E-07	1.71E-07	1.66E-07	5.99E-11	1.81E-10	1.05E-10	1.03E-10	9.36E-11	4.27E-11	4.15E-11	2.00E-12	4.83E-11	1.07E-11	1.40E-11	2.22E-11	3.92E-12	2.18E-11	1.23E-10
4672	479863.09	3860377.25	2.11E-07	2.08E-07	2.02E-07	7.31E-11	2.21E-10	1.28E-10	1.26E-10	1.14E-10	5.22E-11	5.07E-11	2.44E-12	5.90E-11	1.30E-11	1.71E-11	2.72E-11	4.79E-12	2.66E-11	1.50E-10
4673	480363.09	3860377.25	2.41E-07	2.38E-07	2.31E-07	8.36E-11	2.52E-10	1.46E-10	1.44E-10	1.31E-10	5.96E-11	5.79E-11	2.79E-12	6.74E-11	1.49E-11	1.96E-11	3.10E-11	5.47E-12	3.04E-11	1.72E-10
4674	480863.09	3860377.25	2.69E-07	2.66E-07	2.58E-07	9.32E-11	2.82E-10	1.63E-10	1.61E-10	1.46E-10	6.65E-11	6.46E-11	3.11E-12	7.52E-11	1.66E-11	2.18E-11	3.46E-11	6.11E-12	3.39E-11	1.91E-10
4675	481363.09	3860377.25	2.99E-07	2.95E-07	2.86E-07	1.03E-10	3.12E-10	1.81E-10	1.78E-10	1.62E-10	7.38E-11	7.17E-11	3.45E-12	8.34E-11	1.84E-11	2.42E-11	3.84E-11	6.77E-12	3.76E-11	2.12E-10
4676	481863.09	3860377.25	3.34E-07	3.30E-07	3.20E-07	1.16E-10	3.49E-10	2.02E-10	2.00E-10	1.81E-10	8.25E-11	8.02E-11	3.86E-12	9.33E-11	2.06E-11	2.71E-11	4.30E-11	7.58E-12	4.21E-11	2.37E-10
4677	482363.09	3860377.25	3.73E-07	3.68E-07	3.58E-07	1.29E-10	3.90E-10	2.26E-10	2.23E-10	2.02E-10	9.22E-11	8.96E-11	4.32E-12	1.04E-10	2.30E-11	3.03E-11	4.80E-11	8.46E-12	4.70E-11	2.65E-10
4678	482863.09	3860377.25	4.20E-07	4.14E-07	4.02E-07	1.45E-10	4.39E-10	2.54E-10	2.51E-10	2.27E-10	1.04E-10	1.01E-10	4.85E-12	1.17E-10	2.59E-11	3.40E-11	5.40E-11	9.51E-12	5.28E-11	2.98E-10
4679	483363.09	3860377.25	4.84E-07	4.78E-07	4.64E-07	1.68E-10	5.06E-10	2.93E-10	2.89E-10	2.62E-10	1.20E-10	1.16E-10	5.60E-12	1.35E-10	2.99E-11	3.93E-11	6.23E-11	1.10E-11	6.10E-11	3.44E-10
4680	483863.09	3860377.25	5.60E-07	5.52E-07	5.36E-07	1.94E-10	5.85E-10	3.39E-10	3.34E-10	3.03E-10	1.38E-10	1.34E-10	6.47E-12	1.56E-10	3.45E-11	4.54E-11	7.20E-11	1.27E-11	7.05E-11	3.98E-10
4681	484363.09	3860377.25	6.22E-07	6.14E-07	5.96E-07	2.15E-10	6.50E-10	3.76E-10	3.72E-10	3.37E-10	1.54E-10	1.49E-10	7.19E-12	1.74E-10	3.83E-11	5.04E-11	8.00E-11	1.41E-11	7.83E-11	4.42E-10
4682	484863.09	3860377.25	7.02E-07	6.93E-07	6.73E-07	2.43E-10	7.34E-10	4.25E-10	4.19E-10	3.80E-10	1.73E-10	1.68E-10	8.11E-12	1.96E-10	4.32E-11	5.69E-11	9.03E-11	1.59E-11	8.84E-11	4.99E-10
4683	485363.09	3860377.25	8.13E-07	8.02E-07	7.79E-07	2.81E-10	8.49E-10	4.92E-10	4.85E-10	4.40E-10	2.01E-10	1.95E-10	9.39E-12	2.27E-10	5.01E-11	6.59E-11	1.05E-10	1.84E-11	1.02E-10	5.77E-10
4684	485863.09	3860377.25	9.40E-07	9.28E-07	9.01E-07	3.25E-10	9.82E-10	5.69E-10	5.61E-10	5.09E-10	2.32E-10	2.25E-10	1.09E-11	2.62E-10	5.79E-11	7.62E-11	1.21E-10	2.13E-11	1.18E-10	6.68E-10
4685	486363.09	3860377.25	1.06E-06	1.05E-06	1.02E-06	3.68E-10	1.11E-09	6.44E-10	6.35E-10	5.76E-10	2.63E-10	2.55E-10	1.23E-11	2.97E-10	6.55E-11	8.63E-11	1.37E-10	2.41E-11	1.34E-10	7.56E-10
4686	486863.09	3860377.25	1.22E-06	1.20E-06	1.17E-06	4.22E-10	1.27E-09	7.37E-10	7.28E-10	6.60E-10	3.01E-10	2.92E-10	1.41E-11	3.40E-10	7.51E-11	9.88E-11	1.57E-10	2.76E-11	1.53E-10	8.66E-10
4687	487363.09	3860377.25	1.41E-06	1.39E-06	1.35E-06	4.87E-10	1.47E-09	8.51E-10	8.40E-10	7.62E-10	3.48E-10	3.38E-10	1.63E-11	3.93E-10	8.67E-11	1.14E-10	1.81E-10	3.19E-11	1.77E-10	1.00E-09
4688	487863.09	3860377.25	1.72E-06	1.70E-06	1.65E-06	5.96E-10	1.80E-09	1.04E-09	1.03E-09	9.33E-10	4.25E-10	4.13E-10	1.99E-11	4.81E-10	1.06E-10	1.40E-10	2.22E-10	3.90E-11	2.17E-10	1.22E-09
4689	488363.09	3860377.25	2.13E-06	2.10E-06	2.04E-06	7.38E-10	2.23E-09	1.29E-09	1.27E-09	1.15E-09	5.27E-10	5.11E-10	2.46E-11	5.95E-10	1.31E-10	1.73E-10	2.74E-10	4.83E-11	2.68E-10	1.52E-09
4690	488863.09	3860377.25	2.79E-06	2.76E-06	2.68E-06	9.67E-10	2.92E-09	1.69E-09	1.67E-09	1.51E-09	6.90E-10	6.70E-10	3.23E-11	7.80E-10	1.72E-10	2.26E-10	3.59E-10	6.33E-11	3.51E-10	1.98E-09
4691	489363.09	3860377.25	5.91E-06	5.83E-06	5.66E-06	2.04E-09	6.17E-09	3.57E-09	3.53E-09	3.20E-09	1.46E-09	1.42E-09	6.83E-11	1.65E-09	3.64E-10	4.79E-10	7.60E-10	1.34E-10	7.44E-10	4.20E-09
4692	489863.09	3860377.25	3.37E-06	3.33E-06	3.23E-06	1.17E-09	3.53E-09	2.04E-09	2.01E-09	1.83E-09	8.33E-10	8.09E-10	3.90E-11	9.42E-10	2.08E-10	2.73E-10	4.34E-10	7.65E-11	4.25E-10	2.40E-09
4693	490363.09	3860377.25	2.90E-06	2.86E-06	2.78E-06	1.00E-09	3.03E-09	1.75E-09	1.73E-09	1.57E-09	7.16E-10	6.95E-10	3.35E-11	8.10E-10	1.79E-10	2.35E-10	3.73E-10	6.57E-11	3.65E-10	2.06E-09
4694	490863.09	3860377.25	2.67E-06	2.63E-06	2.55E-06	9.23E-10	2.79E-09	1.61E-09	1.59E-09	1.44E-09	6.58E-10	6.39E-10	3.08E-11	7.44E-10	1.64E-10	2.16E-10	3.43E-10	6.04E-11	3.36E-10	1.89E-09
4695	491363.09	3860377.25	2.45E-06	2.42E-06	2.35E-06	8.47E-10	2.56E-09	1.48E-09	1.46E-09	1.32E-09	6.04E-10	5.87E-10	2.83E-11	6.83E-10	1.51E-10	1.98E-10	3.15E-10	5.55E-11	3.08E-10	1.74E-09
4696	491863.09	3860377.25	2.38E-06	2.34E-06	2.28E-06	8.22E-10	2.48E-09	1.44E-09	1.42E-09	1.29E-09	5.87E-10	5.70E-10	2.75E-11	6.63E-10	1.46E-10	1.93E-10	3.05E-10	5.38E-11	2.99E-10	1.69E-09
4697	492363.09	3860377.25	2.36E-06	2.33E-06	2.26E-06	8.17E-10	2.47E-09	1.43E-09	1.41E-09	1.28E-09	5.83E-10	5.66E-10	2.73E-11	6.59E-10	1.45E-10	1.91E-10	3.03E-10	5.35E-11	2.97E-10	1.68E-09
4698	492863.09	3860377.25	2.23E-06	2.20E-06	2.13E-06	7.71E-10	2.33E-09	1.35E-09	1.33E-09	1.21E-09	5.50E-10	5.34E-10	2.57E-11	6.22E-10	1.37E-10	1.81E-10	2.86E-10	5.05E-11	2.80E-10	1.58E-09
4699	493363.09	3860377.25	2.13E-06	2.10E-06	2.04E-06	7.37E-10	2.23E-09	1.29E-09	1.27E-09	1.15E-09	5.26E-10	5.11E-10	2.46E-11	5.95E-10	1.31E-10	1.73E-10	2.74E-10	4.83E-11	2.68E-10	1.51E-09
4700	493863.09	3860377.25	2.01E-06	1.99E-06	1.93E-06	6.96E-10	2.10E-09	1.22E-09	1.20E-09	1.09E-09	4.97E-10	4.83E-10	2.33E-11	5.62E-10	1.24E-10	1.63E-10	2.59E-10	4.56E-11	2.53E-10	1.43E-09
4701	494363.09	3860377.25	1.92E-06	1.90E-06	1.84E-06	6.66E-10	2.01E-09	1.16E-09	1.15E-09	1.04E-09	4.75E-10	4.61E-10	2.22E-11	5.37E-10	1.19E-10	1.56E-10	2.47E-10	4.36E-11	2.42E-10	1.37E-09
4702	494863.09	3860377.25	1.81E-06	1.79E-06	1.74E-06	6.28E-10	1.90E-09	1.10E-09	1.08E-09	9.82E-10	4.48E-10	4.35E-10	2.10E-11	5.06E-10	1.12E-10	1.47E-10	2.33E-10	4.11E-11	2.28E-10	1.29E-09
4703	495363.09	3860377.25	1.72E-06	1.70E-06	1.65E-06	5.95E-10	1.80E-09	1.04E-09	1.03E-09	9.30E-10	4.24E-10	4.12E-10	1.99E-11	4.80E-10	1.06E-10	1.39E-10	2.21E-10	3.90E-11	2.16E-10	1.22E-09
4704	495863.09	3860377.25	1.58E-06	1.56E-06	1.52E-06	5.48E-10	1.65E-09	9.58E-10	9.45E-10	8.57E-10	3.91E-10	3.80E-10	1.83E-11	4.42E-10	9.75E-11	1.28E-10	2.04E-10	3.59E-11	1.99E-10	1.12E-09
4705	496363.09	3860377.25	1.41E-06	1.39E-06	1.35E-06	4.89E-10	1.48E-09	8.55E-10	8.44E-10	7.65E-10	3.49E-10	3.39E-10	1.63E-11	3.95E-10	8.71E-11	1.15E-10	1.82E-10	3.20E-11	1.78E-10	1.00E-09
4706	496863.09	3860377.25	1.26E-06	1.24E-06	1.21E-06	4.36E-10	1.32E-09	7.63E-10	7.53E-10	6.82E-10	3.11E-10	3.02E-10	1.46E-11	3.52E-10	7.77E-11	1.02E-10	1.62E-10	2.86E-11	1.59E-10	8.96E-10
4707	497363.09	3860377.25	1.09E-06	1.07E-06	1.04E-06	3.76E-10	1.13E-09	6.57E-10	6.48E-10	5.88E-10	2.68E-10	2.60E-10	1.25E-11	3.03E-10	6.69E-11	8.80E-11	1.40E-10	2.46E-11	1.37E-10	7.71E-10
4708	497863.09	3860377.25	1.21E-06	1.20E-06	1.16E-06	4.20E-10	1.27E-09	7.35E-10	7.25E-10	6.58E-10	3.00E-10	2.91E-10	1.40E-11	3.39E-10	7.48E-11	9.85E-11	1.56E-10	2.75E-11	1.53E-10	8.63E-10
4709	498363.09	3860377.25	1.23E-06	1.22E-06	1.18E-06	4.27E-10	1.29E-09	7.46E-10	7.36E-10	6.67E-10	3.05E-10	2.96E-10	1.43E-11	3.44E-10	7.60E-11	1.00E-10	1.59E-10	2.79E-11	1.55E-10	8.76E-10
4710	471363.09	3860877.25	8.95E-08	8.84E-08	8.58E-08	3.10E-11	9.36E-11	5.42E-11	5.35E-11	4.85E-11	2.21E-11	2.15E-11	1.03E-12	2.50E-11	5.52E-12	7.26E-12	1.15E-11	2.03E-12	1.13E-11	6.36E-11

4711	471863.09	3860877.25	9.30E-08	9.18E-08	8.92E-08	3.22E-11	9.73E-11	5.63E-11	5.56E-11	5.04E-11	2.30E-11	2.23E-11	1.08E-12	2.60E-11	5.73E-12	7.54E-12	1.20E-11	2.11E-12	1.17E-11	6.61E-11
4712	472363.09	3860877.25	9.66E-08	9.53E-08	9.25E-08	3.34E-11	1.01E-10	5.84E-11	5.77E-11	5.23E-11	2.39E-11	2.32E-11	1.12E-12	2.70E-11	5.95E-12	7.83E-12	1.24E-11	2.19E-12	1.22E-11	6.86E-11
4713	472863.09	3860877.25	1.01E-07	9.95E-08	9.67E-08	3.49E-11	1.05E-10	6.10E-11	6.02E-11	5.46E-11	2.49E-11	2.42E-11	1.17E-12	2.82E-11	6.21E-12	8.18E-12	1.30E-11	2.29E-12	1.27E-11	7.17E-11
4714	473363.09	3860877.25	1.05E-07	1.03E-07	1.00E-07	3.62E-11	1.09E-10	6.33E-11	6.25E-11	5.66E-11	2.58E-11	2.51E-11	1.21E-12	2.92E-11	6.45E-12	8.48E-12	1.35E-11	2.37E-12	1.32E-11	7.44E-11
4715	473863.09	3860877.25	1.09E-07	1.07E-07	1.04E-07	3.76E-11	1.13E-10	6.57E-11	6.48E-11	5.88E-11	2.68E-11	2.60E-11	1.25E-12	3.03E-11	6.69E-12	8.80E-12	1.40E-11	2.46E-12	1.37E-11	7.71E-11
4716	474363.09	3860877.25	1.12E-07	1.10E-07	1.07E-07	3.87E-11	1.17E-10	6.76E-11	6.68E-11	6.05E-11	2.76E-11	2.68E-11	1.29E-12	3.12E-11	6.89E-12	9.06E-12	1.44E-11	2.53E-12	1.41E-11	7.94E-11
4717	474863.09	3860877.25	1.16E-07	1.14E-07	1.11E-07	4.01E-11	1.21E-10	7.02E-11	6.92E-11	6.28E-11	2.86E-11	2.78E-11	1.34E-12	3.24E-11	7.14E-12	9.40E-12	1.49E-11	2.63E-12	1.46E-11	8.24E-11
4718	475363.09	3860877.25	1.16E-07	1.15E-07	1.12E-07	4.03E-11	1.22E-10	7.05E-11	6.96E-11	6.30E-11	2.88E-11	2.79E-11	1.35E-12	3.25E-11	7.18E-12	9.44E-12	1.50E-11	2.64E-12	1.47E-11	8.28E-11
4719	475863.09	3860877.25	1.13E-07	1.12E-07	1.09E-07	3.92E-11	1.18E-10	6.85E-11	6.76E-11	6.13E-11	2.80E-11	2.72E-11	1.31E-12	3.16E-11	6.98E-12	9.18E-12	1.46E-11	2.57E-12	1.43E-11	8.05E-11
4720	476363.09	3860877.25	1.06E-07	1.05E-07	1.02E-07	3.67E-11	1.11E-10	6.42E-11	6.33E-11	5.74E-11	2.62E-11	2.54E-11	1.23E-12	2.96E-11	6.53E-12	8.60E-12	1.36E-11	2.40E-12	1.34E-11	7.54E-11
4721	476863.09	3860877.25	1.05E-07	1.04E-07	1.01E-07	3.63E-11	1.10E-10	6.35E-11	6.26E-11	5.68E-11	2.59E-11	2.52E-11	1.21E-12	2.93E-11	6.46E-12	8.50E-12	1.35E-11	2.38E-12	1.32E-11	7.45E-11
4722	477363.09	3860877.25	1.09E-07	1.08E-07	1.05E-07	3.78E-11	1.14E-10	6.61E-11	6.53E-11	5.92E-11	2.70E-11	2.62E-11	1.26E-12	3.05E-11	6.74E-12	8.86E-12	1.41E-11	2.48E-12	1.38E-11	7.77E-11
4723	477863.09	3860877.25	9.97E-08	9.84E-08	9.55E-08	3.45E-11	1.04E-10	6.03E-11	5.95E-11	5.40E-11	2.46E-11	2.39E-11	1.15E-12	2.78E-11	6.14E-12	8.08E-12	1.28E-11	2.26E-12	1.25E-11	7.08E-11
4724	478363.09	3860877.25	6.82E-08	6.73E-08	6.54E-08	2.36E-11	7.13E-11	4.13E-11	4.07E-11	3.69E-11	1.68E-11	1.64E-11	7.88E-13	1.90E-11	4.20E-12	5.53E-12	8.77E-12	1.55E-12	8.58E-12	4.85E-11
4725	478863.09	3860877.25	1.27E-07	1.25E-07	1.21E-07	4.38E-11	1.32E-10	7.66E-11	7.56E-11	6.85E-11	3.13E-11	3.04E-11	1.46E-12	3.54E-11	7.80E-12	1.03E-11	1.63E-11	2.87E-12	1.59E-11	9.00E-11
4726	479363.09	3860877.25	1.74E-07	1.72E-07	1.67E-07	6.02E-11	1.82E-10	1.05E-10	1.04E-10	9.42E-11	4.30E-11	4.17E-11	2.01E-12	4.86E-11	1.07E-11	1.41E-11	2.24E-11	3.94E-12	2.19E-11	1.24E-10
4727	479863.09	3860877.25	2.15E-07	2.12E-07	2.06E-07	7.43E-11	2.24E-10	1.30E-10	1.28E-10	1.16E-10	5.30E-11	5.15E-11	2.48E-12	5.99E-11	1.32E-11	1.74E-11	2.76E-11	4.86E-12	2.70E-11	1.52E-10
4728	480363.09	3860877.25	2.48E-07	2.45E-07	2.38E-07	8.59E-11	2.59E-10	1.50E-10	1.48E-10	1.34E-10	6.13E-11	5.95E-11	2.87E-12	6.93E-11	1.53E-11	2.01E-11	3.19E-11	5.62E-12	3.12E-11	1.76E-10
4729	480863.09	3860877.25	2.77E-07	2.73E-07	2.65E-07	9.58E-11	2.89E-10	1.67E-10	1.65E-10	1.50E-10	6.83E-11	6.64E-11	3.20E-12	7.73E-11	1.70E-11	2.24E-11	3.56E-11	6.27E-12	3.48E-11	1.97E-10
4730	481363.09	3860877.25	3.07E-07	3.03E-07	2.95E-07	1.06E-10	3.21E-10	1.86E-10	1.84E-10	1.66E-10	7.59E-11	7.37E-11	3.55E-12	8.58E-11	1.89E-11	2.49E-11	3.95E-11	6.97E-12	3.87E-11	2.18E-10
4731	481863.09	3860877.25	3.41E-07	3.36E-07	3.27E-07	1.18E-10	3.56E-10	2.06E-10	2.04E-10	1.84E-10	8.42E-11	8.18E-11	3.94E-12	9.52E-11	2.10E-11	2.76E-11	4.38E-11	7.73E-12	4.29E-11	2.42E-10
4732	482363.09	3860877.25	3.83E-07	3.78E-07	3.67E-07	1.33E-10	4.00E-10	2.32E-10	2.29E-10	2.07E-10	9.46E-11	9.19E-11	4.43E-12	1.07E-10	2.36E-11	3.11E-11	4.93E-11	8.68E-12	4.82E-11	2.72E-10
4733	482863.09	3860877.25	4.30E-07	4.25E-07	4.13E-07	1.49E-10	4.50E-10	2.60E-10	2.57E-10	2.33E-10	1.06E-10	1.03E-10	4.98E-12	1.20E-10	2.65E-11	3.49E-11	5.54E-11	9.76E-12	5.42E-11	3.06E-10
4734	483363.09	3860877.25	4.77E-07	4.70E-07	4.57E-07	1.65E-10	4.98E-10	2.88E-10	2.85E-10	2.58E-10	1.18E-10	1.14E-10	5.51E-12	1.33E-10	2.94E-11	3.86E-11	6.13E-11	1.08E-11	6.00E-11	3.39E-10
4735	483863.09	3860877.25	5.28E-07	5.21E-07	5.06E-07	1.83E-10	5.52E-10	3.20E-10	3.15E-10	2.86E-10	1.30E-10	1.27E-10	6.10E-12	1.47E-10	3.25E-11	4.28E-11	6.79E-11	1.20E-11	6.65E-11	3.75E-10
4736	484363.09	3860877.25	5.96E-07	5.88E-07	5.71E-07	2.06E-10	6.23E-10	3.61E-10	3.56E-10	3.23E-10	1.47E-10	1.43E-10	6.89E-12	1.66E-10	3.67E-11	4.83E-11	7.67E-11	1.35E-11	7.51E-11	4.24E-10
4737	484863.09	3860877.25	6.60E-07	6.51E-07	6.32E-07	2.28E-10	6.89E-10	3.99E-10	3.94E-10	3.57E-10	1.63E-10	1.58E-10	7.63E-12	1.84E-10	4.06E-11	5.35E-11	8.48E-11	1.50E-11	8.30E-11	4.69E-10
4738	485363.09	3860877.25	7.19E-07	7.10E-07	6.89E-07	2.49E-10	7.52E-10	4.35E-10	4.30E-10	3.89E-10	1.78E-10	1.73E-10	8.31E-12	2.01E-10	4.43E-11	5.83E-11	9.25E-11	1.63E-11	9.05E-11	5.11E-10
4739	485863.09	3860877.25	7.91E-07	7.80E-07	7.58E-07	2.74E-10	8.26E-10	4.78E-10	4.72E-10	4.28E-10	1.95E-10	1.90E-10	9.14E-12	2.21E-10	4.87E-11	6.41E-11	1.02E-10	1.79E-11	9.95E-11	5.62E-10
4740	486363.09	3860877.25	8.72E-07	8.60E-07	8.36E-07	3.02E-10	9.11E-10	5.27E-10	5.21E-10	4.72E-10	2.15E-10	2.09E-10	1.01E-11	2.43E-10	5.37E-11	7.07E-11	1.12E-10	1.98E-11	1.10E-10	6.20E-10
4741	486863.09	3860877.25	9.87E-07	9.74E-07	9.46E-07	3.42E-10	1.03E-09	5.97E-10	5.90E-10	5.34E-10	2.44E-10	2.37E-10	1.14E-11	2.76E-10	6.08E-11	8.00E-11	1.27E-10	2.24E-11	1.24E-10	7.02E-10
4742	487363.09	3860877.25	1.15E-06	1.14E-06	1.11E-06	3.99E-10	1.21E-09	6.98E-10	6.89E-10	6.25E-10	2.85E-10	2.77E-10	1.33E-11	3.22E-10	7.11E-11	9.36E-11	1.48E-10	2.62E-11	1.45E-10	8.20E-10
4743	487863.09	3860877.25	1.36E-06	1.34E-06	1.30E-06	4.69E-10	1.42E-09	8.21E-10	8.10E-10	7.34E-10	3.35E-10	3.25E-10	1.57E-11	3.79E-10	8.36E-11	1.10E-10	1.74E-10	3.07E-11	1.71E-10	9.64E-10
4744	488363.09	3860877.25	1.65E-06	1.63E-06	1.58E-06	5.70E-10	1.72E-09	9.97E-10	9.84E-10	8.92E-10	4.07E-10	3.95E-10	1.91E-11	4.60E-10	1.02E-10	1.34E-10	2.12E-10	3.74E-11	2.07E-10	1.17E-09
4745	488863.09	3860877.25	2.17E-06	2.14E-06	2.08E-06	7.52E-10	2.27E-09	1.31E-09	1.30E-09	1.18E-09	5.36E-10	5.21E-10	2.51E-11	6.06E-10	1.34E-10	1.76E-10	2.79E-10	4.92E-11	2.73E-10	1.54E-09
4746	489363.09	3860877.25	4.95E-06	4.88E-06	4.74E-06	1.71E-09	5.17E-09	2.99E-09	2.95E-09	2.68E-09	1.22E-09	1.19E-09	5.72E-11	1.38E-09	3.05E-10	4.01E-10	6.36E-10	1.12E-10	6.23E-10	3.52E-09
4747	489863.09	3860877.25	2.61E-06	2.58E-06	2.50E-06	9.03E-10	2.73E-09	1.58E-09	1.56E-09	1.41E-09	6.44E-10	6.26E-10	3.02E-11	7.29E-10	1.61E-10	2.12E-10	3.36E-10	5.91E-11	3.28E-10	1.85E-09
4748	490363.09	3860877.25	2.16E-06	2.13E-06	2.07E-06	7.47E-10	2.25E-09	1.31E-09	1.29E-09	1.17E-09	5.33E-10	5.17E-10	2.49E-11	6.02E-10	1.33E-10	1.75E-10	2.77E-10	4.89E-11	2.72E-10	1.53E-09
4749	490863.09	3860877.25	1.95E-06	1.93E-06	1.87E-06	6.77E-10	2.04E-09	1.18E-09	1.17E-09	1.06E-09	4.83E-10	4.69E-10	2.26E-11	5.46E-10	1.20E-10	1.58E-10	2.51E-10	4.43E-11	2.46E-10	1.39E-09
4750	491363.09	3860877.25	1.80E-06	1.78E-06	1.73E-06	6.23E-10	1.88E-09	1.09E-09	1.08E-09	9.74E-10	4.45E-10	4.32E-10	2.08E-11	5.03E-10	1.11E-10	1.46E-10	2.32E-10	4.08E-11	2.27E-10	1.28E-09
4751	491863.09	3860877.25	1.69E-06	1.66E-06	1.62E-06	5.83E-10	1.76E-09	1.02E-09	1.01E-09	9.12E-10	4.16E-10	4.04E-10	1.95E-11	4.71E-10	1.04E-10	1.37E-10	2.17E-10	3.82E-11	2.12E-10	1.20E-09
4752	492363.09	3860877.25	1.58E-06	1.56E-06	1.51E-06	5.46E-10	1.65E-09	9.55E-10	9.43E-10	8.55E-10	3.90E-10	3.79E-10	1.82E-11	4.41E-10	9.73E-11	1.28E-10	2.03E-10	3.58E-11	1.99E-10	1.12E-09
4753	492863.09	3860877.25	1.57E-06	1.55E-06	1.50E-06	5.42E-10	1.64E-09	9.48E-10	9.35E-10	8.48E-10	3.87E-10	3.76E-10	1.81E-11	4.37E-10	9.65E-11	1.27E-10	2.01E-10	3.55E-11	1.97E-10	1.11E-09
4754	493363.09	3860877.25	1.57E-06	1.55E-06	1.50E-06	5.42E-10	1.64E-09	9.48E-10	9.36E-10	8.48E-10	3.87E-10	3.76E-10	1.81E-11	4.38E-10	9.66E-11	1.27E-10	2.02E-10	3.55E-11	1.97E-10	1.11E-09
4755	493863.09	3860877.25	1.50E-06	1.48E-06	1.44E-06	5.20E-10	1.57E-09	9.08E-10	8.96E-10	8.13E-10	3.71E-10	3.60E-10	1.74E-11	4.19E-10	9.25E-11	1.22E-10	1.93E-10	3.40E-11	1.89E-10	1.07E-09
4756	494363.09	3860877.25	1.45E-06	1.43E-06	1.39E-06	5.00E-10	1.51E-09	8.75E-10	8.63E-10	7.82E-10	3.57E-10	3.47E-10	1.67E-11	4.04E-10	8.91E-11	1.17E-10	1.86E-10	3.28E-11	1.82E-10	1.03E-09
4757	494863.09	3860877.25	1.40E-06	1.38E-06	1.34E-06	4.86E-10	1.47E-09	8.49E-10	8.38E-10	7.59E-10	3.47E-10	3.37E-10	1.62E-11	3.92E-10	8.64E-11	1.14E-10	1.80E-10	3.18E-11	1.77E-10	9.97E-10
4758	495363.09	3860877.25	1.36E-06	1.34E-06	1.30E-06	4.69E-10	1.42E-09	8.20E-10	8.10E-10	7.34E-10	3.35E-10	3.25E-10	1.57E-11	3.79E-10	8.35E-11	1.10E-10	1.74E-10	3.07E-11	1.71E-10	9.64E-10
4759	495863.09	3860877.25	1.30E-06	1.28E-06	1.24E-06	4.49E-10	1.36E-09	7.85E-10	7.74E-10	7.02E-10	3.20E-10	3.11E-10	1.50E-11	3.62E-10	7.99E-11	1.05E-10	1.67E-10	2.94E-11	1.63E-10	9.22E-10
4760	496363.09	3860877.25	1.25E-06	1.24E-06	1.20E-06	4.34E-10	1.31E-09	7.59E-10	7.49E-10	6.79E-10	3.10E-10	3.01E-10	1.45E-11	3.50E-10	7.73E-11	1.02E-10	1.61E-10	2.84E-11	1.58E-10	8.91E-10
4761	496863.09	3860877.25	1.18E-06	1.16E-06	1.13E-06	4.07E-10	1.23E-09	7.11E-10	7.02E-10	6.37E-10	2.90E-10	2.82E-10	1.36E-11	3.28E-10	7.25E-11	9.53E-11	1.51E-10	2.67E-11	1.48E-10	8.36E-10
4762	497363.09	3860877.25	1.13E-06	1.11E-06	1.08E-06	3.90E-10	1.18E-09	6.81E-10	6.72E-10	6.09E-10	2.78E-10	2.70E-10	1.30E-11	3.14E-10	6.94E-11	9.13E-11	1.45E-10	2.55E-11	1.42E-10	8.00E-10
4763	497863.09	3860877.25	1.07E-06	1.05E-06	1.02E-06	3.70E-10	1.12E-09	6.46E-10	6.38E-10	5.78E-10	2.64E-10	2.56E-10	1.23E-11	2.98E-10	6.58E-11	8.66E-11	1.37E-10	2.42E-11	1.34E-10	7.59E-10

4764	498363.09	3860877.25	1.05E-06	1.04E-06	1.01E-06	3.64E-10	1.10E-09	6.36E-10	6.27E-10	5.69E-10	2.60E-10	2.52E-10	1.21E-11	2.93E-10	6.47E-11	8.52E-11	1.35E-10	2.38E-11	1.32E-10	7.47E-10
4765	471363.09	3861377.25	8.59E-08	8.48E-08	8.23E-08	2.97E-11	8.98E-11	5.20E-11	5.13E-11	4.65E-11	2.12E-11	2.06E-11	9.93E-13	2.40E-11	5.29E-12	6.96E-12	1.10E-11	1.95E-12	1.08E-11	6.10E-11
4766	471863.09	3861377.25	8.91E-08	8.80E-08	8.54E-08	3.09E-11	9.32E-11	5.39E-11	5.32E-11	4.83E-11	2.20E-11	2.14E-11	1.03E-12	2.49E-11	5.49E-12	7.23E-12	1.15E-11	2.02E-12	1.12E-11	6.33E-11
4767	472363.09	3861377.25	9.27E-08	9.14E-08	8.88E-08	3.21E-11	9.68E-11	5.61E-11	5.53E-11	5.02E-11	2.29E-11	2.22E-11	1.07E-12	2.59E-11	5.71E-12	7.51E-12	1.19E-11	2.10E-12	1.17E-11	6.58E-11
4768	472863.09	3861377.25	9.70E-08	9.57E-08	9.29E-08	3.36E-11	1.01E-10	5.87E-11	5.79E-11	5.25E-11	2.39E-11	2.33E-11	1.12E-12	2.71E-11	5.97E-12	7.86E-12	1.25E-11	2.20E-12	1.22E-11	6.89E-11
4769	473363.09	3861377.25	1.01E-07	9.98E-08	9.69E-08	3.50E-11	1.06E-10	6.12E-11	6.04E-11	5.47E-11	2.50E-11	2.43E-11	1.17E-12	2.82E-11	6.23E-12	8.20E-12	1.30E-11	2.29E-12	1.27E-11	7.19E-11
4770	473863.09	3861377.25	1.05E-07	1.04E-07	1.01E-07	3.63E-11	1.10E-10	6.35E-11	6.26E-11	5.68E-11	2.59E-11	2.52E-11	1.21E-12	2.93E-11	6.46E-12	8.50E-12	1.35E-11	2.38E-12	1.32E-11	7.45E-11
4771	474363.09	3861377.25	1.10E-07	1.09E-07	1.06E-07	3.82E-11	1.15E-10	6.67E-11	6.58E-11	5.97E-11	2.72E-11	2.64E-11	1.27E-12	3.08E-11	6.79E-12	8.94E-12	1.42E-11	2.50E-12	1.39E-11	7.83E-11
4772	474863.09	3861377.25	1.14E-07	1.13E-07	1.10E-07	3.96E-11	1.19E-10	6.91E-11	6.82E-11	6.19E-11	2.82E-11	2.74E-11	1.32E-12	3.19E-11	7.04E-12	9.26E-12	1.47E-11	2.59E-12	1.44E-11	8.12E-11
4773	475363.09	3861377.25	1.21E-07	1.19E-07	1.16E-07	4.18E-11	1.26E-10	7.30E-11	7.20E-11	6.53E-11	2.98E-11	2.89E-11	1.39E-12	3.37E-11	7.43E-12	9.78E-12	1.55E-11	2.73E-12	1.52E-11	8.57E-11
4774	475863.09	3861377.25	1.24E-07	1.23E-07	1.19E-07	4.31E-11	1.30E-10	7.53E-11	7.43E-11	6.73E-11	3.07E-11	2.98E-11	1.44E-12	3.47E-11	7.67E-12	1.01E-11	1.60E-11	2.82E-12	1.57E-11	8.84E-11
4775	476363.09	3861377.25	1.26E-07	1.25E-07	1.21E-07	4.37E-11	1.32E-10	7.64E-11	7.54E-11	6.83E-11	3.12E-11	3.03E-11	1.46E-12	3.52E-11	7.78E-12	1.02E-11	1.62E-11	2.86E-12	1.59E-11	8.97E-11
4776	476863.09	3861377.25	1.29E-07	1.27E-07	1.23E-07	4.46E-11	1.35E-10	7.79E-11	7.69E-11	6.97E-11	3.18E-11	3.09E-11	1.49E-12	3.59E-11	7.93E-12	1.04E-11	1.66E-11	2.92E-12	1.62E-11	9.15E-11
4777	477363.09	3861377.25	1.33E-07	1.31E-07	1.27E-07	4.60E-11	1.39E-10	8.05E-11	7.94E-11	7.20E-11	3.29E-11	3.19E-11	1.54E-12	3.71E-11	8.19E-12	1.08E-11	1.71E-11	3.01E-12	1.67E-11	9.45E-11
4778	477863.09	3861377.25	1.21E-07	1.19E-07	1.15E-07	4.17E-11	1.26E-10	7.29E-11	7.20E-11	6.52E-11	2.98E-11	2.89E-11	1.39E-12	3.36E-11	7.42E-12	9.77E-12	1.55E-11	2.73E-12	1.52E-11	8.56E-11
4779	478363.09	3861377.25	8.45E-08	8.34E-08	8.09E-08	2.92E-11	8.83E-11	5.11E-11	5.04E-11	4.57E-11	2.09E-11	2.03E-11	9.76E-13	2.36E-11	5.20E-12	6.85E-12	1.09E-11	1.91E-12	1.06E-11	6.00E-11
4780	478863.09	3861377.25	1.04E-07	1.03E-07	1.00E-07	3.61E-11	1.09E-10	6.31E-11	6.23E-11	5.65E-11	2.58E-11	2.50E-11	1.21E-12	2.91E-11	6.43E-12	8.46E-12	1.34E-11	2.37E-12	1.31E-11	7.42E-11
4781	479363.09	3861377.25	1.77E-07	1.75E-07	1.70E-07	6.13E-11	1.85E-10	1.07E-10	1.06E-10	9.59E-11	4.37E-11	4.25E-11	2.05E-12	4.95E-11	1.09E-11	1.44E-11	2.28E-11	4.01E-12	2.23E-11	1.26E-10
4782	479863.09	3861377.25	2.22E-07	2.19E-07	2.12E-07	7.67E-11	2.32E-10	1.34E-10	1.32E-10	1.20E-10	5.47E-11	5.32E-11	2.56E-12	6.19E-11	1.37E-11	1.80E-11	2.85E-11	5.02E-12	2.79E-11	1.57E-10
4783	480363.09	3861377.25	2.57E-07	2.53E-07	2.46E-07	8.88E-11	2.68E-10	1.55E-10	1.53E-10	1.39E-10	6.34E-11	6.16E-11	2.97E-12	7.17E-11	1.58E-11	2.08E-11	3.30E-11	5.82E-12	3.23E-11	1.82E-10
4784	480863.09	3861377.25	2.83E-07	2.79E-07	2.71E-07	9.79E-11	2.96E-10	1.71E-10	1.69E-10	1.53E-10	6.98E-11	6.78E-11	3.27E-12	7.90E-11	1.74E-11	2.29E-11	3.64E-11	6.41E-12	3.56E-11	2.01E-10
4785	481363.09	3861377.25	3.12E-07	3.07E-07	2.99E-07	1.08E-10	3.26E-10	1.89E-10	1.86E-10	1.69E-10	7.70E-11	7.47E-11	3.60E-12	8.70E-11	1.92E-11	2.53E-11	4.01E-11	7.06E-12	3.92E-11	2.21E-10
4786	481863.09	3861377.25	3.43E-07	3.39E-07	3.29E-07	1.19E-10	3.59E-10	2.08E-10	2.05E-10	1.86E-10	8.47E-11	8.23E-11	3.97E-12	9.58E-11	2.11E-11	2.78E-11	4.41E-11	7.78E-12	4.32E-11	2.44E-10
4787	482363.09	3861377.25	3.75E-07	3.70E-07	3.59E-07	1.30E-10	3.92E-10	2.27E-10	2.24E-10	2.03E-10	9.26E-11	8.99E-11	4.33E-12	1.05E-10	2.31E-11	3.04E-11	4.82E-11	8.50E-12	4.72E-11	2.66E-10
4788	482863.09	3861377.25	4.10E-07	4.05E-07	3.93E-07	1.42E-10	4.29E-10	2.48E-10	2.45E-10	2.22E-10	1.01E-10	9.84E-11	4.74E-12	1.14E-10	2.53E-11	3.32E-11	5.27E-11	9.30E-12	5.16E-11	2.91E-10
4789	483363.09	3861377.25	4.56E-07	4.50E-07	4.37E-07	1.58E-10	4.76E-10	2.76E-10	2.72E-10	2.47E-10	1.13E-10	1.09E-10	5.27E-12	1.27E-10	2.81E-11	3.69E-11	5.86E-11	1.03E-11	5.74E-11	3.24E-10
4790	483863.09	3861377.25	5.06E-07	4.99E-07	4.85E-07	1.75E-10	5.29E-10	3.06E-10	3.02E-10	2.74E-10	1.25E-10	1.21E-10	5.85E-12	1.41E-10	3.12E-11	4.10E-11	6.50E-11	1.15E-11	6.37E-11	3.59E-10
4791	484363.09	3861377.25	5.43E-07	5.36E-07	5.20E-07	1.88E-10	5.68E-10	3.29E-10	3.24E-10	2.94E-10	1.34E-10	1.30E-10	6.28E-12	1.52E-10	3.35E-11	4.40E-11	6.98E-11	1.23E-11	6.84E-11	3.86E-10
4792	484863.09	3861377.25	5.64E-07	5.56E-07	5.40E-07	1.95E-10	5.89E-10	3.41E-10	3.37E-10	3.05E-10	1.39E-10	1.35E-10	6.52E-12	1.57E-10	3.47E-11	4.57E-11	7.25E-11	1.28E-11	7.10E-11	4.01E-10
4793	485363.09	3861377.25	5.98E-07	5.91E-07	5.74E-07	2.07E-10	6.26E-10	3.62E-10	3.57E-10	3.24E-10	1.48E-10	1.44E-10	6.92E-12	1.67E-10	3.69E-11	4.85E-11	7.70E-11	1.36E-11	7.53E-11	4.25E-10
4794	485863.09	3861377.25	6.63E-07	6.54E-07	6.35E-07	2.29E-10	6.93E-10	4.01E-10	3.96E-10	3.59E-10	1.64E-10	1.59E-10	7.66E-12	1.85E-10	4.08E-11	5.37E-11	8.52E-11	1.50E-11	8.34E-11	4.71E-10
4795	486363.09	3861377.25	7.47E-07	7.37E-07	7.16E-07	2.59E-10	7.81E-10	4.52E-10	4.46E-10	4.05E-10	1.85E-10	1.79E-10	8.64E-12	2.09E-10	4.60E-11	6.06E-11	9.61E-11	1.69E-11	9.41E-11	5.31E-10
4796	486863.09	3861377.25	8.53E-07	8.42E-07	8.18E-07	2.95E-10	8.92E-10	5.16E-10	5.09E-10	4.62E-10	2.11E-10	2.05E-10	9.86E-12	2.38E-10	5.26E-11	6.92E-11	1.10E-10	1.93E-11	1.07E-10	6.06E-10
4797	487363.09	3861377.25	9.78E-07	9.66E-07	9.38E-07	3.39E-10	1.02E-09	5.92E-10	5.84E-10	5.30E-10	2.42E-10	2.35E-10	1.13E-11	2.73E-10	6.03E-11	7.93E-11	1.26E-10	2.22E-11	1.23E-10	6.95E-10
4798	487863.09	3861377.25	1.14E-06	1.13E-06	1.09E-06	3.95E-10	1.19E-09	6.90E-10	6.81E-10	6.17E-10	2.82E-10	2.73E-10	1.32E-11	3.18E-10	7.02E-11	9.24E-11	1.47E-10	2.58E-11	1.44E-10	8.10E-10
4799	488363.09	3861377.25	1.32E-06	1.30E-06	1.26E-06	4.56E-10	1.38E-09	7.96E-10	7.86E-10	7.13E-10	3.25E-10	3.16E-10	1.52E-11	3.68E-10	8.11E-11	1.07E-10	1.69E-10	2.98E-11	1.66E-10	9.35E-10
4800	488863.09	3861377.25	1.83E-06	1.80E-06	1.75E-06	6.33E-10	1.91E-09	1.11E-09	1.09E-09	9.89E-10	4.51E-10	4.38E-10	2.11E-11	5.10E-10	1.13E-10	1.48E-10	2.35E-10	4.14E-11	2.30E-10	1.30E-09
4801	489363.09	3861377.25	4.81E-06	4.75E-06	4.61E-06	1.67E-09	5.03E-09	2.91E-09	2.88E-09	2.61E-09	1.19E-09	1.15E-09	5.57E-11	1.34E-09	2.97E-10	3.90E-10	6.19E-10	1.09E-10	6.06E-10	3.42E-09
4802	489863.09	3861377.25	2.27E-06	2.24E-06	2.18E-06	7.87E-10	2.38E-09	1.38E-09	1.36E-09	1.23E-09	5.62E-10	5.46E-10	2.63E-11	6.35E-10	1.40E-10	1.84E-10	2.93E-10	5.16E-11	2.86E-10	1.62E-09
4803	490363.09	3861377.25	1.78E-06	1.75E-06	1.70E-06	6.15E-10	1.86E-09	1.07E-09	1.06E-09	9.62E-10	4.39E-10	4.26E-10	2.05E-11	4.96E-10	1.09E-10	1.44E-10	2.28E-10	4.03E-11	2.24E-10	1.26E-09
4804	490863.09	3861377.25	1.57E-06	1.55E-06	1.51E-06	5.44E-10	1.64E-09	9.50E-10	9.38E-10	8.50E-10	3.88E-10	3.77E-10	1.82E-11	4.39E-10	9.68E-11	1.27E-10	2.02E-10	3.56E-11	1.98E-10	1.12E-09
4805	491363.09	3861377.25	1.44E-06	1.42E-06	1.38E-06	4.98E-10	1.50E-09	8.70E-10	8.59E-10	7.79E-10	3.55E-10	3.45E-10	1.66E-11	4.02E-10	8.86E-11	1.17E-10	1.85E-10	3.26E-11	1.81E-10	1.02E-09
4806	491863.09	3861377.25	1.35E-06	1.33E-06	1.29E-06	4.66E-10	1.41E-09	8.14E-10	8.03E-10	7.28E-10	3.32E-10	3.23E-10	1.55E-11	3.76E-10	8.29E-11	1.09E-10	1.73E-10	3.05E-11	1.69E-10	9.56E-10
4807	492363.09	3861377.25	1.26E-06	1.24E-06	1.21E-06	4.37E-10	1.32E-09	7.63E-10	7.53E-10	6.83E-10	3.12E-10	3.03E-10	1.46E-11	3.52E-10	7.77E-11	1.02E-10	1.62E-10	2.86E-11	1.59E-10	8.96E-10
4808	492863.09	3861377.25	1.20E-06	1.19E-06	1.15E-06	4.17E-10	1.26E-09	7.28E-10	7.19E-10	6.52E-10	2.97E-10	2.89E-10	1.39E-11	3.36E-10	7.42E-11	9.76E-11	1.55E-10	2.73E-11	1.52E-10	8.56E-10
4809	493363.09	3861377.25	1.17E-06	1.16E-06	1.12E-06	4.06E-10	1.23E-09	7.10E-10	7.00E-10	6.35E-10	2.90E-10	2.81E-10	1.36E-11	3.27E-10	7.23E-11	9.51E-11	1.51E-10	2.66E-11	1.48E-10	8.33E-10
4810	493863.09	3861377.25	1.15E-06	1.13E-06	1.10E-06	3.98E-10	1.20E-09	6.95E-10	6.86E-10	6.22E-10	2.84E-10	2.75E-10	1.33E-11	3.21E-10	7.08E-11	9.31E-11	1.48E-10	2.60E-11	1.45E-10	8.16E-10
4811	494363.09	3861377.25	1.12E-06	1.11E-06	1.07E-06	3.88E-10	1.17E-09	6.78E-10	6.69E-10	6.06E-10	2.77E-10	2.69E-10	1.29E-11	3.13E-10	6.90E-11	9.08E-11	1.44E-10	2.54E-11	1.41E-10	7.96E-10
4812	494863.09	3861377.25	1.09E-06	1.07E-06	1.04E-06	3.76E-10	1.14E-09	6.58E-10	6.49E-10	5.89E-10	2.69E-10	2.61E-10	1.26E-11	3.04E-10	6.70E-11	8.81E-11	1.40E-10	2.46E-11	1.37E-10	7.73E-10
4813	495363.09	3861377.25	1.05E-06	1.04E-06	1.01E-06	3.64E-10	1.10E-09	6.37E-10	6.29E-10	5.70E-10	2.60E-10	2.52E-10	1.22E-11	2.94E-10	6.49E-11	8.53E-11	1.35E-10	2.39E-11	1.33E-10	7.48E-10
4814	495863.09	3861377.25	1.02E-06	1.00E-06	9.73E-07	3.51E-10	1.06E-09	6.14E-10	6.06E-10	5.50E-10	2.51E-10	2.44E-10	1.17E-11	2.83E-10	6.26E-11	8.23E-11	1.31E-10	2.30E-11	1.28E-10	7.22E-10
4815	496363.09	3861377.25	9.98E-07	9.85E-07	9.57E-07	3.46E-10	1.04E-09	6.04E-10	5.96E-10	5.40E-10	2.47E-10	2.39E-10	1.15E-11	2.79E-10	6.15E-11	8.09E-11	1.28E-10	2.26E-11	1.26E-10	7.09E-10
4816	496863.09	3861377.25	9.87E-07	9.74E-07	9.46E-07	3.42E-10	1.03E-09	5.97E-10	5.89E-10	5.34E-10	2.44E-10	2.37E-10	1.14E-11	2.76E-10	6.08E-11	8.00E-11	1.27E-10	2.24E-11	1.24E-10	7.01E-10

4817	497363.09	3861377.25	9.52E-07	9.40E-07	9.12E-07	3.30E-10	9.95E-10	5.76E-10	5.69E-10	5.15E-10	2.35E-10	2.28E-10	1.10E-11	2.66E-10	5.87E-11	7.72E-11	1.22E-10	2.16E-11	1.20E-10	6.77E-10
4818	497863.09	3861377.25	9.17E-07	9.05E-07	8.79E-07	3.17E-10	9.59E-10	5.55E-10	5.48E-10	4.96E-10	2.27E-10	2.20E-10	1.06E-11	2.56E-10	5.65E-11	7.44E-11	1.18E-10	2.08E-11	1.15E-10	6.52E-10
4819	498363.09	3861377.25	8.88E-07	8.77E-07	8.51E-07	3.08E-10	9.29E-10	5.38E-10	5.31E-10	4.81E-10	2.19E-10	2.13E-10	1.03E-11	2.48E-10	5.47E-11	7.20E-11	1.14E-10	2.01E-11	1.12E-10	6.31E-10
4820	471363.09	3861877.25	8.39E-08	8.28E-08	8.04E-08	2.91E-11	8.77E-11	5.08E-11	5.01E-11	4.54E-11	2.07E-11	2.01E-11	9.70E-13	2.34E-11	5.17E-12	6.81E-12	1.08E-11	1.90E-12	1.06E-11	5.96E-11
4821	471863.09	3861877.25	8.73E-08	8.62E-08	8.37E-08	3.02E-11	9.13E-11	5.28E-11	5.21E-11	4.73E-11	2.16E-11	2.09E-11	1.01E-12	2.44E-11	5.38E-12	7.08E-12	1.12E-11	1.98E-12	1.10E-11	6.21E-11
4822	472363.09	3861877.25	9.10E-08	8.98E-08	8.72E-08	3.15E-11	9.51E-11	5.50E-11	5.43E-11	4.92E-11	2.25E-11	2.18E-11	1.05E-12	2.54E-11	5.60E-12	7.38E-12	1.17E-11	2.06E-12	1.15E-11	6.46E-11
4823	472863.09	3861877.25	9.50E-08	9.38E-08	9.10E-08	3.29E-11	9.93E-11	5.75E-11	5.67E-11	5.14E-11	2.35E-11	2.28E-11	1.10E-12	2.65E-11	5.85E-12	7.70E-12	1.22E-11	2.15E-12	1.20E-11	6.75E-11
4824	473363.09	3861877.25	9.94E-08	9.81E-08	9.53E-08	3.44E-11	1.04E-10	6.02E-11	5.94E-11	5.38E-11	2.46E-11	2.38E-11	1.15E-12	2.78E-11	6.13E-12	8.06E-12	1.28E-11	2.25E-12	1.25E-11	7.07E-11
4825	473863.09	3861877.25	1.04E-07	1.02E-07	9.95E-08	3.59E-11	1.09E-10	6.28E-11	6.20E-11	5.62E-11	2.57E-11	2.49E-11	1.20E-12	2.90E-11	6.40E-12	8.42E-12	1.34E-11	2.35E-12	1.31E-11	7.38E-11
4826	474363.09	3861877.25	1.09E-07	1.08E-07	1.05E-07	3.78E-11	1.14E-10	6.61E-11	6.52E-11	5.91E-11	2.70E-11	2.62E-11	1.26E-12	3.05E-11	6.73E-12	8.85E-12	1.40E-11	2.47E-12	1.37E-11	7.76E-11
4827	474863.09	3861877.25	1.15E-07	1.13E-07	1.10E-07	3.98E-11	1.20E-10	6.95E-11	6.86E-11	6.22E-11	2.84E-11	2.76E-11	1.33E-12	3.21E-11	7.08E-12	9.32E-12	1.48E-11	2.60E-12	1.45E-11	8.17E-11
4828	475363.09	3861877.25	1.22E-07	1.20E-07	1.17E-07	4.22E-11	1.27E-10	7.37E-11	7.27E-11	6.59E-11	3.01E-11	2.92E-11	1.41E-12	3.40E-11	7.50E-12	9.88E-12	1.57E-11	2.76E-12	1.53E-11	8.66E-11
4829	475863.09	3861877.25	1.30E-07	1.29E-07	1.25E-07	4.51E-11	1.36E-10	7.89E-11	7.79E-11	7.06E-11	3.22E-11	3.13E-11	1.51E-12	3.64E-11	8.03E-12	1.06E-11	1.68E-11	2.96E-12	1.64E-11	9.27E-11
4830	476363.09	3861877.25	1.39E-07	1.37E-07	1.33E-07	4.80E-11	1.45E-10	8.39E-11	8.28E-11	7.51E-11	3.43E-11	3.33E-11	1.60E-12	3.87E-11	8.55E-12	1.12E-11	1.78E-11	3.14E-12	1.75E-11	9.86E-11
4831	476863.09	3861877.25	1.46E-07	1.44E-07	1.40E-07	5.05E-11	1.52E-10	8.83E-11	8.71E-11	7.90E-11	3.60E-11	3.50E-11	1.69E-12	4.07E-11	8.99E-12	1.18E-11	1.88E-11	3.31E-12	1.84E-11	1.04E-10
4832	477363.09	3861877.25	1.51E-07	1.50E-07	1.45E-07	5.24E-11	1.58E-10	9.17E-11	9.05E-11	8.20E-11	3.74E-11	3.63E-11	1.75E-12	4.23E-11	9.33E-12	1.23E-11	1.95E-11	3.43E-12	1.91E-11	1.08E-10
4833	477863.09	3861877.25	1.31E-07	1.29E-07	1.25E-07	4.52E-11	1.37E-10	7.91E-11	7.80E-11	7.07E-11	3.23E-11	3.13E-11	1.51E-12	3.65E-11	8.05E-12	1.06E-11	1.68E-11	2.96E-12	1.64E-11	9.28E-11
4834	478363.09	3861877.25	7.34E-08	7.24E-08	7.03E-08	2.54E-11	7.67E-11	4.44E-11	4.38E-11	3.97E-11	1.81E-11	1.76E-11	8.48E-13	2.05E-11	4.52E-12	5.95E-12	9.44E-12	1.66E-12	9.24E-12	5.22E-11
4835	478863.09	3861877.25	1.19E-07	1.17E-07	1.14E-07	4.12E-11	1.24E-10	7.20E-11	7.10E-11	6.44E-11	2.94E-11	2.85E-11	1.37E-12	3.32E-11	7.33E-12	9.64E-12	1.53E-11	2.70E-12	1.50E-11	8.45E-11
4836	479363.09	3861877.25	1.13E-07	1.11E-07	1.08E-07	3.91E-11	1.18E-10	6.83E-11	6.75E-11	6.11E-11	2.79E-11	2.71E-11	1.31E-12	3.15E-11	6.96E-12	9.16E-12	1.45E-11	2.56E-12	1.42E-11	8.03E-11
4837	479863.09	3861877.25	2.23E-07	2.21E-07	2.14E-07	7.73E-11	2.34E-10	1.35E-10	1.33E-10	1.21E-10	5.52E-11	5.36E-11	2.58E-12	6.24E-11	1.38E-11	1.81E-11	2.87E-11	5.07E-12	2.81E-11	1.59E-10
4838	480363.09	3861877.25	2.56E-07	2.53E-07	2.46E-07	8.88E-11	2.68E-10	1.55E-10	1.53E-10	1.39E-10	6.34E-11	6.15E-11	2.96E-12	7.16E-11	1.58E-11	2.08E-11	3.30E-11	5.81E-12	3.23E-11	1.82E-10
4839	480863.09	3861877.25	2.80E-07	2.76E-07	2.68E-07	9.69E-11	2.93E-10	1.69E-10	1.67E-10	1.52E-10	6.92E-11	6.72E-11	3.24E-12	7.82E-11	1.73E-11	2.27E-11	3.60E-11	6.35E-12	3.53E-11	1.99E-10
4840	481363.09	3861877.25	3.04E-07	3.00E-07	2.91E-07	1.05E-10	3.17E-10	1.84E-10	1.81E-10	1.64E-10	7.50E-11	7.29E-11	3.51E-12	8.48E-11	1.87E-11	2.46E-11	3.91E-11	6.89E-12	3.82E-11	2.16E-10
4841	481863.09	3861877.25	3.30E-07	3.25E-07	3.16E-07	1.14E-10	3.44E-10	1.99E-10	1.97E-10	1.78E-10	8.14E-11	7.90E-11	3.81E-12	9.20E-11	2.03E-11	2.67E-11	4.24E-11	7.47E-12	4.15E-11	2.34E-10
4842	482363.09	3861877.25	3.61E-07	3.56E-07	3.46E-07	1.25E-10	3.77E-10	2.18E-10	2.16E-10	1.95E-10	8.92E-11	8.66E-11	4.17E-12	1.01E-10	2.22E-11	2.93E-11	4.64E-11	8.18E-12	4.54E-11	2.57E-10
4843	482863.09	3861877.25	3.95E-07	3.89E-07	3.78E-07	1.37E-10	4.12E-10	2.39E-10	2.36E-10	2.14E-10	9.75E-11	9.46E-11	4.56E-12	1.10E-10	2.43E-11	3.20E-11	5.07E-11	8.94E-12	4.97E-11	2.80E-10
4844	483363.09	3861877.25	4.21E-07	4.15E-07	4.03E-07	1.46E-10	4.40E-10	2.55E-10	2.51E-10	2.28E-10	1.04E-10	1.01E-10	4.86E-12	1.17E-10	2.59E-11	3.41E-11	5.41E-11	9.54E-12	5.30E-11	2.99E-10
4845	483863.09	3861877.25	4.35E-07	4.29E-07	4.17E-07	1.51E-10	4.55E-10	2.63E-10	2.60E-10	2.36E-10	1.07E-10	1.04E-10	5.03E-12	1.22E-10	2.68E-11	3.53E-11	5.60E-11	9.86E-12	5.48E-11	3.09E-10
4846	484363.09	3861877.25	4.50E-07	4.44E-07	4.31E-07	1.56E-10	4.70E-10	2.72E-10	2.69E-10	2.44E-10	1.11E-10	1.08E-10	5.20E-12	1.26E-10	2.77E-11	3.65E-11	5.79E-11	1.02E-11	5.67E-11	3.20E-10
4847	484863.09	3861877.25	4.84E-07	4.78E-07	4.64E-07	1.68E-10	5.06E-10	2.93E-10	2.89E-10	2.62E-10	1.20E-10	1.16E-10	5.60E-12	1.35E-10	2.98E-11	3.93E-11	6.23E-11	1.10E-11	6.09E-11	3.44E-10
4848	485363.09	3861877.25	5.32E-07	5.25E-07	5.10E-07	1.84E-10	5.56E-10	3.22E-10	3.18E-10	2.88E-10	1.32E-10	1.28E-10	6.15E-12	1.49E-10	3.28E-11	4.32E-11	6.85E-11	1.21E-11	6.70E-11	3.78E-10
4849	485863.09	3861877.25	5.88E-07	5.80E-07	5.63E-07	2.03E-10	6.14E-10	3.56E-10	3.51E-10	3.18E-10	1.45E-10	1.41E-10	6.79E-12	1.64E-10	3.62E-11	4.76E-11	7.56E-11	1.33E-11	7.40E-11	4.18E-10
4850	486363.09	3861877.25	6.61E-07	6.53E-07	6.34E-07	2.29E-10	6.91E-10	4.00E-10	3.95E-10	3.58E-10	1.63E-10	1.59E-10	7.64E-12	1.85E-10	4.07E-11	5.36E-11	8.51E-11	1.50E-11	8.33E-11	4.70E-10
4851	486863.09	3861877.25	7.42E-07	7.32E-07	7.11E-07	2.57E-10	7.75E-10	4.49E-10	4.43E-10	4.02E-10	1.83E-10	1.78E-10	8.58E-12	2.07E-10	4.57E-11	6.02E-11	9.54E-11	1.68E-11	9.34E-11	5.27E-10
4852	487363.09	3861877.25	8.52E-07	8.41E-07	8.17E-07	2.95E-10	8.91E-10	5.16E-10	5.09E-10	4.61E-10	2.10E-10	2.04E-10	9.85E-12	2.38E-10	5.25E-11	6.91E-11	1.10E-10	1.93E-11	1.07E-10	6.06E-10
4853	487863.09	3861877.25	9.74E-07	9.61E-07	9.33E-07	3.37E-10	1.02E-09	5.89E-10	5.82E-10	5.27E-10	2.41E-10	2.34E-10	1.13E-11	2.72E-10	6.00E-11	7.90E-11	1.25E-10	2.21E-11	1.23E-10	6.92E-10
4854	488363.09	3861877.25	1.14E-06	1.12E-06	1.09E-06	3.93E-10	1.19E-09	6.87E-10	6.78E-10	6.15E-10	2.81E-10	2.72E-10	1.31E-11	3.17E-10	7.00E-11	9.21E-11	1.46E-10	2.57E-11	1.43E-10	8.07E-10
4855	488863.09	3861877.25	1.62E-06	1.60E-06	1.56E-06	5.62E-10	1.70E-09	9.82E-10	9.69E-10	8.78E-10	4.01E-10	3.89E-10	1.88E-11	4.53E-10	1.00E-10	1.32E-10	2.09E-10	3.68E-11	2.04E-10	1.15E-09
4856	489363.09	3861877.25	4.44E-06	4.38E-06	4.26E-06	1.54E-09	4.64E-09	2.69E-09	2.65E-09	2.40E-09	1.10E-09	1.07E-09	5.13E-11	1.24E-09	2.74E-10	3.60E-10	5.71E-10	1.01E-10	5.59E-10	3.16E-09
4857	489863.09	3861877.25	2.03E-06	2.01E-06	1.95E-06	7.04E-10	2.12E-09	1.23E-09	1.21E-09	1.10E-09	5.02E-10	4.87E-10	2.35E-11	5.67E-10	1.25E-10	1.65E-10	2.61E-10	4.61E-11	2.56E-10	1.44E-09
4858	490363.09	3861877.25	1.54E-06	1.52E-06	1.47E-06	5.31E-10	1.60E-09	9.29E-10	9.17E-10	8.31E-10	3.79E-10	3.68E-10	1.77E-11	4.29E-10	9.46E-11	1.24E-10	1.97E-10	3.48E-11	1.93E-10	1.09E-09
4859	490863.09	3861877.25	1.32E-06	1.31E-06	1.27E-06	4.58E-10	1.38E-09	8.01E-10	7.90E-10	7.16E-10	3.27E-10	3.17E-10	1.53E-11	3.69E-10	8.15E-11	1.07E-10	1.70E-10	3.00E-11	1.67E-10	9.40E-10
4860	491363.09	3861877.25	1.21E-06	1.19E-06	1.16E-06	4.18E-10	1.26E-09	7.30E-10	7.20E-10	6.53E-10	2.98E-10	2.89E-10	1.39E-11	3.37E-10	7.43E-11	9.78E-11	1.55E-10	2.73E-11	1.52E-10	8.57E-10
4861	491863.09	3861877.25	1.13E-06	1.11E-06	1.08E-06	3.90E-10	1.18E-09	6.81E-10	6.72E-10	6.10E-10	2.78E-10	2.70E-10	1.30E-11	3.14E-10	6.94E-11	9.13E-11	1.45E-10	2.55E-11	1.42E-10	8.00E-10
4862	492363.09	3861877.25	1.05E-06	1.04E-06	1.01E-06	3.65E-10	1.10E-09	6.38E-10	6.30E-10	5.71E-10	2.60E-10	2.53E-10	1.22E-11	2.94E-10	6.50E-11	8.55E-11	1.36E-10	2.39E-11	1.33E-10	7.49E-10
4863	492863.09	3861877.25	9.93E-07	9.80E-07	9.52E-07	3.44E-10	1.04E-09	6.01E-10	5.93E-10	5.38E-10	2.45E-10	2.38E-10	1.15E-11	2.77E-10	6.12E-11	8.05E-11	1.28E-10	2.25E-11	1.25E-10	7.06E-10
4864	493363.09	3861877.25	9.43E-07	9.31E-07	9.04E-07	3.27E-10	9.86E-10	5.71E-10	5.63E-10	5.11E-10	2.33E-10	2.26E-10	1.09E-11	2.63E-10	5.81E-11	7.65E-11	1.21E-10	2.14E-11	1.19E-10	6.70E-10
4865	493863.09	3861877.25	9.11E-07	8.99E-07	8.73E-07	3.15E-10	9.52E-10	5.51E-10	5.44E-10	4.93E-10	2.25E-10	2.18E-10	1.05E-11	2.54E-10	5.61E-11	7.38E-11	1.17E-10	2.06E-11	1.15E-10	6.47E-10
4866	494363.09	3861877.25	8.90E-07	8.79E-07	8.53E-07	3.08E-10	9.31E-10	5.39E-10	5.32E-10	4.82E-10	2.20E-10	2.14E-10	1.03E-11	2.49E-10	5.49E-11	7.22E-11	1.15E-10	2.02E-11	1.12E-10	6.33E-10
4867	494863.09	3861877.25	8.81E-07	8.69E-07	8.44E-07	3.05E-10	9.20E-10	5.33E-10	5.26E-10	4.77E-10	2.18E-10	2.11E-10	1.02E-11	2.46E-10	5.43E-11	7.14E-11	1.13E-10	2.00E-11	1.11E-10	6.26E-10
4868	495363.09	3861877.25	8.59E-07	8.47E-07	8.23E-07	2.97E-10	8.97E-10	5.20E-10	5.13E-10	4.65E-10	2.12E-10	2.06E-10	9.93E-12	2.40E-10	5.29E-11	6.96E-11	1.10E-10	1.95E-11	1.08E-10	6.10E-10
4869	495863.09	3861877.25	8.32E-07	8.21E-07	7.98E-07	2.88E-10	8.70E-10	5.04E-10	4.97E-10	4.51E-10	2.06E-10	2.00E-10	9.62E-12	2.32E-10	5.13E-11	6.75E-11	1.07E-10	1.89E-11	1.05E-10	5.91E-10

4870	496363.09	3861877.25	8.12E-07	8.01E-07	7.78E-07	2.81E-10	8.48E-10	4.91E-10	4.85E-10	4.39E-10	2.00E-10	1.95E-10	9.38E-12	2.27E-10	5.00E-11	6.58E-11	1.04E-10	1.84E-11	1.02E-10	5.77E-10
4871	496863.09	3861877.25	8.37E-07	8.26E-07	8.03E-07	2.90E-10	8.75E-10	5.07E-10	5.00E-10	4.53E-10	2.07E-10	2.01E-10	9.68E-12	2.34E-10	5.16E-11	6.79E-11	1.08E-10	1.90E-11	1.05E-10	5.95E-10
4872	497363.09	3861877.25	7.88E-07	7.77E-07	7.55E-07	2.73E-10	8.23E-10	4.77E-10	4.70E-10	4.26E-10	1.95E-10	1.89E-10	9.10E-12	2.20E-10	4.85E-11	6.39E-11	1.01E-10	1.79E-11	9.91E-11	5.60E-10
4873	497863.09	3861877.25	7.54E-07	7.44E-07	7.23E-07	2.61E-10	7.88E-10	4.56E-10	4.50E-10	4.08E-10	1.86E-10	1.81E-10	8.71E-12	2.10E-10	4.64E-11	6.11E-11	9.70E-11	1.71E-11	9.49E-11	5.36E-10
4874	498363.09	3861877.25	7.28E-07	7.19E-07	6.98E-07	2.52E-10	7.61E-10	4.41E-10	4.35E-10	3.94E-10	1.80E-10	1.75E-10	8.42E-12	2.03E-10	4.49E-11	5.90E-11	9.36E-11	1.65E-11	9.17E-11	5.17E-10
4875	471363.09	3862377.25	8.29E-08	8.18E-08	7.94E-08	2.87E-11	8.66E-11	5.02E-11	4.95E-11	4.49E-11	2.05E-11	1.99E-11	9.58E-13	2.31E-11	5.11E-12	6.72E-12	1.07E-11	1.88E-12	1.04E-11	5.89E-11
4876	471863.09	3862377.25	8.64E-08	8.53E-08	8.28E-08	2.99E-11	9.03E-11	5.23E-11	5.16E-11	4.68E-11	2.13E-11	2.07E-11	9.99E-13	2.41E-11	5.32E-12	7.01E-12	1.11E-11	1.96E-12	1.09E-11	6.14E-11
4877	472363.09	3862377.25	9.07E-08	8.95E-08	8.69E-08	3.14E-11	9.48E-11	5.49E-11	5.42E-11	4.91E-11	2.24E-11	2.18E-11	1.05E-12	2.53E-11	5.59E-12	7.35E-12	1.17E-11	2.06E-12	1.14E-11	6.45E-11
4878	472863.09	3862377.25	9.54E-08	9.41E-08	9.14E-08	3.30E-11	9.97E-11	5.77E-11	5.70E-11	5.16E-11	2.36E-11	2.29E-11	1.10E-12	2.66E-11	5.88E-12	7.73E-12	1.23E-11	2.16E-12	1.20E-11	6.78E-11
4879	473363.09	3862377.25	1.00E-07	9.92E-08	9.63E-08	3.48E-11	1.05E-10	6.08E-11	6.00E-11	5.44E-11	2.48E-11	2.41E-11	1.16E-12	2.81E-11	6.19E-12	8.15E-12	1.29E-11	2.28E-12	1.26E-11	7.14E-11
4880	473863.09	3862377.25	1.06E-07	1.05E-07	1.02E-07	3.68E-11	1.11E-10	6.43E-11	6.34E-11	5.75E-11	2.62E-11	2.55E-11	1.23E-12	2.97E-11	6.54E-12	8.61E-12	1.37E-11	2.41E-12	1.34E-11	7.55E-11
4881	474363.09	3862377.25	1.12E-07	1.11E-07	1.08E-07	3.89E-11	1.18E-10	6.80E-11	6.71E-11	6.09E-11	2.78E-11	2.70E-11	1.30E-12	3.14E-11	6.93E-12	9.12E-12	1.45E-11	2.55E-12	1.42E-11	7.99E-11
4882	474863.09	3862377.25	1.19E-07	1.17E-07	1.14E-07	4.12E-11	1.24E-10	7.20E-11	7.10E-11	6.44E-11	2.94E-11	2.85E-11	1.37E-12	3.32E-11	7.33E-12	9.64E-12	1.53E-11	2.70E-12	1.50E-11	8.45E-11
4883	475363.09	3862377.25	1.28E-07	1.26E-07	1.22E-07	4.42E-11	1.34E-10	7.73E-11	7.63E-11	6.92E-11	3.16E-11	3.07E-11	1.48E-12	3.57E-11	7.87E-12	1.04E-11	1.64E-11	2.90E-12	1.61E-11	9.08E-11
4884	475863.09	3862377.25	1.37E-07	1.35E-07	1.31E-07	4.74E-11	1.43E-10	8.29E-11	8.18E-11	7.42E-11	3.38E-11	3.29E-11	1.58E-12	3.83E-11	8.44E-12	1.11E-11	1.76E-11	3.11E-12	1.73E-11	9.74E-11
4885	476363.09	3862377.25	1.46E-07	1.44E-07	1.40E-07	5.05E-11	1.53E-10	8.83E-11	8.72E-11	7.90E-11	3.61E-11	3.50E-11	1.69E-12	4.08E-11	9.00E-12	1.18E-11	1.88E-11	3.31E-12	1.84E-11	1.04E-10
4886	476863.09	3862377.25	1.55E-07	1.53E-07	1.49E-07	5.37E-11	1.62E-10	9.38E-11	9.26E-11	8.39E-11	3.83E-11	3.72E-11	1.79E-12	4.33E-11	9.55E-12	1.26E-11	1.99E-11	3.51E-12	1.95E-11	1.10E-10
4887	477363.09	3862377.25	1.62E-07	1.60E-07	1.56E-07	5.62E-11	1.70E-10	9.83E-11	9.70E-11	8.79E-11	4.01E-11	3.90E-11	1.88E-12	4.53E-11	1.00E-11	1.32E-11	2.09E-11	3.68E-12	2.04E-11	1.15E-10
4888	477863.09	3862377.25	1.50E-07	1.48E-07	1.44E-07	5.20E-11	1.57E-10	9.09E-11	8.97E-11	8.13E-11	3.71E-11	3.60E-11	1.74E-12	4.19E-11	9.25E-12	1.22E-11	1.93E-11	3.40E-12	1.89E-11	1.07E-10
4889	478363.09	3862377.25	1.26E-07	1.25E-07	1.21E-07	4.37E-11	1.32E-10	7.64E-11	7.54E-11	6.83E-11	3.12E-11	3.03E-11	1.46E-12	3.52E-11	7.78E-12	1.02E-11	1.62E-11	2.86E-12	1.59E-11	8.97E-11
4890	478863.09	3862377.25	1.33E-07	1.31E-07	1.27E-07	4.60E-11	1.39E-10	8.05E-11	7.94E-11	7.20E-11	3.29E-11	3.19E-11	1.54E-12	3.71E-11	8.19E-12	1.08E-11	1.71E-11	3.01E-12	1.67E-11	9.45E-11
4891	479363.09	3862377.25	1.59E-07	1.57E-07	1.53E-07	5.51E-11	1.66E-10	9.64E-11	9.51E-11	8.62E-11	3.93E-11	3.82E-11	1.84E-12	4.45E-11	9.81E-12	1.29E-11	2.05E-11	3.61E-12	2.01E-11	1.13E-10
4892	479863.09	3862377.25	2.24E-07	2.21E-07	2.15E-07	7.76E-11	2.34E-10	1.36E-10	1.34E-10	1.21E-10	5.54E-11	5.38E-11	2.59E-12	6.26E-11	1.38E-11	1.82E-11	2.88E-11	5.08E-12	2.82E-11	1.59E-10
4893	480363.09	3862377.25	2.51E-07	2.48E-07	2.41E-07	8.70E-11	2.63E-10	1.52E-10	1.50E-10	1.36E-10	6.21E-11	6.03E-11	2.91E-12	7.02E-11	1.55E-11	2.04E-11	3.23E-11	5.70E-12	3.16E-11	1.79E-10
4894	480863.09	3862377.25	2.72E-07	2.68E-07	2.61E-07	9.42E-11	2.84E-10	1.65E-10	1.62E-10	1.47E-10	6.72E-11	6.52E-11	3.14E-12	7.59E-11	1.68E-11	2.21E-11	3.50E-11	6.17E-12	3.42E-11	1.93E-10
4895	481363.09	3862377.25	2.95E-07	2.91E-07	2.82E-07	1.02E-10	3.08E-10	1.78E-10	1.76E-10	1.60E-10	7.28E-11	7.07E-11	3.41E-12	8.23E-11	1.82E-11	2.39E-11	3.79E-11	6.68E-12	3.71E-11	2.09E-10
4896	481863.09	3862377.25	3.19E-07	3.15E-07	3.06E-07	1.10E-10	3.33E-10	1.93E-10	1.90E-10	1.73E-10	7.88E-11	7.65E-11	3.69E-12	8.91E-11	1.97E-11	2.59E-11	4.10E-11	7.23E-12	4.02E-11	2.27E-10
4897	482363.09	3862377.25	3.37E-07	3.33E-07	3.23E-07	1.17E-10	3.53E-10	2.04E-10	2.01E-10	1.83E-10	8.33E-11	8.09E-11	3.90E-12	9.42E-11	2.08E-11	2.73E-11	4.34E-11	7.65E-12	4.25E-11	2.40E-10
4898	482863.09	3862377.25	3.47E-07	3.42E-07	3.32E-07	1.20E-10	3.62E-10	2.10E-10	2.07E-10	1.88E-10	8.56E-11	8.32E-11	4.01E-12	9.68E-11	2.14E-11	2.81E-11	4.46E-11	7.86E-12	4.36E-11	2.46E-10
4899	483363.09	3862377.25	3.53E-07	3.49E-07	3.39E-07	1.22E-10	3.69E-10	2.14E-10	2.11E-10	1.91E-10	8.73E-11	8.48E-11	4.09E-12	9.87E-11	2.18E-11	2.87E-11	4.55E-11	8.01E-12	4.45E-11	2.51E-10
4900	483863.09	3862377.25	3.67E-07	3.63E-07	3.52E-07	1.27E-10	3.84E-10	2.22E-10	2.19E-10	1.99E-10	9.08E-11	8.81E-11	4.25E-12	1.03E-10	2.26E-11	2.98E-11	4.73E-11	8.33E-12	4.63E-11	2.61E-10
4901	484363.09	3862377.25	3.99E-07	3.93E-07	3.82E-07	1.38E-10	4.17E-10	2.41E-10	2.38E-10	2.16E-10	9.85E-11	9.56E-11	4.61E-12	1.11E-10	2.46E-11	3.23E-11	5.13E-11	9.04E-12	5.02E-11	2.83E-10
4902	484863.09	3862377.25	4.38E-07	4.33E-07	4.20E-07	1.52E-10	4.58E-10	2.65E-10	2.62E-10	2.37E-10	1.08E-10	1.05E-10	5.07E-12	1.22E-10	2.70E-11	3.55E-11	5.64E-11	9.94E-12	5.52E-11	3.11E-10
4903	485363.09	3862377.25	4.77E-07	4.71E-07	4.57E-07	1.65E-10	4.99E-10	2.89E-10	2.85E-10	2.58E-10	1.18E-10	1.14E-10	5.52E-12	1.33E-10	2.94E-11	3.87E-11	6.14E-11	1.08E-11	6.01E-11	3.39E-10
4904	485863.09	3862377.25	5.29E-07	5.22E-07	5.07E-07	1.83E-10	5.53E-10	3.20E-10	3.16E-10	2.86E-10	1.31E-10	1.27E-10	6.11E-12	1.48E-10	3.26E-11	4.29E-11	6.80E-11	1.20E-11	6.65E-11	3.76E-10
4905	486363.09	3862377.25	5.85E-07	5.78E-07	5.61E-07	2.03E-10	6.12E-10	3.54E-10	3.50E-10	3.17E-10	1.45E-10	1.40E-10	6.77E-12	1.63E-10	3.61E-11	4.75E-11	7.53E-11	1.33E-11	7.37E-11	4.16E-10
4906	486863.09	3862377.25	6.55E-07	6.46E-07	6.28E-07	2.27E-10	6.84E-10	3.96E-10	3.91E-10	3.54E-10	1.62E-10	1.57E-10	7.57E-12	1.83E-10	4.03E-11	5.31E-11	8.42E-11	1.48E-11	8.24E-11	4.65E-10
4907	487363.09	3862377.25	7.46E-07	7.37E-07	7.15E-07	2.58E-10	7.80E-10	4.52E-10	4.46E-10	4.04E-10	1.84E-10	1.79E-10	8.63E-12	2.08E-10	4.60E-11	6.05E-11	9.60E-11	1.69E-11	9.40E-11	5.30E-10
4908	487863.09	3862377.25	8.28E-07	8.18E-07	7.94E-07	2.87E-10	8.66E-10	5.01E-10	4.95E-10	4.48E-10	2.05E-10	1.99E-10	9.58E-12	2.31E-10	5.10E-11	6.72E-11	1.07E-10	1.88E-11	1.04E-10	5.89E-10
4909	488363.09	3862377.25	1.00E-06	9.89E-07	9.61E-07	3.47E-10	1.05E-09	6.07E-10	5.99E-10	5.43E-10	2.48E-10	2.40E-10	1.16E-11	2.80E-10	6.18E-11	8.13E-11	1.29E-10	2.27E-11	1.26E-10	7.12E-10
4910	488863.09	3862377.25	1.48E-06	1.46E-06	1.42E-06	5.13E-10	1.55E-09	8.96E-10	8.84E-10	8.02E-10	3.66E-10	3.55E-10	1.71E-11	4.14E-10	9.13E-11	1.20E-10	1.90E-10	3.36E-11	1.86E-10	1.05E-09
4911	489363.09	3862377.25	4.35E-06	4.30E-06	4.17E-06	1.51E-09	4.55E-09	2.63E-09	2.60E-09	2.36E-09	1.07E-09	1.04E-09	5.03E-11	1.22E-09	2.68E-10	3.53E-10	5.60E-10	9.87E-11	5.48E-10	3.09E-09
4912	489863.09	3862377.25	1.90E-06	1.87E-06	1.82E-06	6.57E-10	1.98E-09	1.15E-09	1.13E-09	1.03E-09	4.69E-10	4.55E-10	2.19E-11	5.30E-10	1.17E-10	1.54E-10	2.44E-10	4.30E-11	2.39E-10	1.35E-09
4913	490363.09	3862377.25	1.42E-06	1.40E-06	1.36E-06	4.93E-10	1.49E-09	8.61E-10	8.50E-10	7.70E-10	3.52E-10	3.41E-10	1.65E-11	3.97E-10	8.77E-11	1.15E-10	1.83E-10	3.23E-11	1.79E-10	1.01E-09
4914	490863.09	3862377.25	1.19E-06	1.17E-06	1.14E-06	4.12E-10	1.24E-09	7.19E-10	7.10E-10	6.44E-10	2.94E-10	2.85E-10	1.37E-11	3.32E-10	7.33E-11	9.64E-11	1.53E-10	2.70E-11	1.50E-10	8.45E-10
4915	491363.09	3862377.25	1.06E-06	1.05E-06	1.02E-06	3.67E-10	1.11E-09	6.41E-10	6.33E-10	5.74E-10	2.62E-10	2.54E-10	1.23E-11	2.96E-10	6.53E-11	8.59E-11	1.36E-10	2.40E-11	1.33E-10	7.53E-10
4916	491863.09	3862377.25	9.61E-07	9.49E-07	9.21E-07	3.33E-10	1.00E-09	5.82E-10	5.74E-10	5.20E-10	2.37E-10	2.31E-10	1.11E-11	2.68E-10	5.92E-11	7.80E-11	1.24E-10	2.18E-11	1.21E-10	6.83E-10
4917	492363.09	3862377.25	9.02E-07	8.90E-07	8.64E-07	3.12E-10	9.42E-10	5.46E-10	5.38E-10	4.88E-10	2.23E-10	2.16E-10	1.04E-11	2.52E-10	5.55E-11	7.31E-11	1.16E-10	2.04E-11	1.13E-10	6.41E-10
4918	492863.09	3862377.25	8.61E-07	8.50E-07	8.25E-07	2.98E-10	9.00E-10	5.21E-10	5.14E-10	4.66E-10	2.13E-10	2.07E-10	9.96E-12	2.40E-10	5.31E-11	6.98E-11	1.11E-10	1.95E-11	1.08E-10	6.12E-10
4919	493363.09	3862377.25	8.13E-07	8.02E-07	7.79E-07	2.81E-10	8.49E-10	4.92E-10	4.85E-10	4.40E-10	2.01E-10	1.95E-10	9.39E-12	2.27E-10	5.01E-11	6.59E-11	1.05E-10	1.84E-11	1.02E-10	5.78E-10
4920	493863.09	3862377.25	7.67E-07	7.57E-07	7.35E-07	2.65E-10	8.02E-10	4.64E-10	4.58E-10	4.15E-10	1.89E-10	1.84E-10	8.86E-12	2.14E-10	4.73E-11	6.22E-11	9.86E-11	1.74E-11	9.65E-11	5.45E-10
4921	494363.09	3862377.25	7.38E-07	7.28E-07	7.07E-07	2.55E-10	7.71E-10	4.46E-10	4.40E-10	3.99E-10	1.82E-10	1.77E-10	8.53E-12	2.06E-10	4.54E-11	5.98E-11	9.49E-11	1.67E-11	9.29E-11	5.24E-10
4922	494863.09	3862377.25	7.21E-07	7.12E-07	6.91E-07	2.50E-10	7.54E-10	4.36E-10	4.31E-10	3.90E-10	1.78E-10	1.73E-10	8.34E-12	2.01E-10	4.44E-11	5.85E-11	9.27E-11	1.63E-11	9.08E-11	5.12E-10

4923	495363.09	3862377.25	7.04E-07	6.94E-07	6.74E-07	2.44E-10	7.35E-10	4.26E-10	4.20E-10	3.81E-10	1.74E-10	1.69E-10	8.13E-12	1.96E-10	4.33E-11	5.70E-11	9.05E-11	1.59E-11	8.86E-11	5.00E-10
4924	495863.09	3862377.25	6.91E-07	6.82E-07	6.62E-07	2.39E-10	7.22E-10	4.18E-10	4.13E-10	3.74E-10	1.71E-10	1.66E-10	7.99E-12	1.93E-10	4.26E-11	5.60E-11	8.89E-11	1.57E-11	8.70E-11	4.91E-10
4925	496363.09	3862377.25	6.74E-07	6.65E-07	6.46E-07	2.33E-10	7.04E-10	4.08E-10	4.02E-10	3.65E-10	1.66E-10	1.62E-10	7.79E-12	1.88E-10	4.15E-11	5.46E-11	8.67E-11	1.53E-11	8.48E-11	4.79E-10
4926	496863.09	3862377.25	6.64E-07	6.56E-07	6.37E-07	2.30E-10	6.94E-10	4.02E-10	3.97E-10	3.60E-10	1.64E-10	1.59E-10	7.68E-12	1.85E-10	4.09E-11	5.39E-11	8.54E-11	1.51E-11	8.36E-11	4.72E-10
4927	497363.09	3862377.25	6.42E-07	6.34E-07	6.16E-07	2.22E-10	6.72E-10	3.89E-10	3.84E-10	3.48E-10	1.59E-10	1.54E-10	7.43E-12	1.79E-10	3.96E-11	5.21E-11	8.26E-11	1.46E-11	8.09E-11	4.57E-10
4928	497863.09	3862377.25	6.25E-07	6.17E-07	5.99E-07	2.17E-10	6.54E-10	3.78E-10	3.73E-10	3.39E-10	1.54E-10	1.50E-10	7.23E-12	1.75E-10	3.85E-11	5.07E-11	8.04E-11	1.42E-11	7.87E-11	4.44E-10
4929	498363.09	3862377.25	6.05E-07	5.97E-07	5.79E-07	2.09E-10	6.32E-10	3.66E-10	3.61E-10	3.27E-10	1.49E-10	1.45E-10	6.99E-12	1.69E-10	3.73E-11	4.90E-11	7.78E-11	1.37E-11	7.61E-11	4.30E-10
4930	471363.09	3862877.25	8.39E-08	8.28E-08	8.04E-08	2.91E-11	8.77E-11	5.08E-11	5.01E-11	4.54E-11	2.07E-11	2.01E-11	9.70E-13	2.34E-11	5.17E-12	6.81E-12	1.08E-11	1.90E-12	1.06E-11	5.96E-11
4931	471863.09	3862877.25	8.82E-08	8.71E-08	8.46E-08	3.05E-11	9.22E-11	5.34E-11	5.27E-11	4.78E-11	2.18E-11	2.12E-11	1.02E-12	2.46E-11	5.44E-12	7.15E-12	1.13E-11	2.00E-12	1.11E-11	6.27E-11
4932	472363.09	3862877.25	9.32E-08	9.20E-08	8.93E-08	3.23E-11	9.74E-11	5.64E-11	5.56E-11	5.04E-11	2.30E-11	2.23E-11	1.08E-12	2.60E-11	5.74E-12	7.55E-12	1.20E-11	2.11E-12	1.17E-11	6.62E-11
4933	472863.09	3862877.25	9.84E-08	9.71E-08	9.43E-08	3.41E-11	1.03E-10	5.95E-11	5.88E-11	5.33E-11	2.43E-11	2.36E-11	1.14E-12	2.75E-11	6.06E-12	7.98E-12	1.27E-11	2.23E-12	1.24E-11	6.99E-11
4934	473363.09	3862877.25	1.04E-07	1.03E-07	9.99E-08	3.61E-11	1.09E-10	6.31E-11	6.22E-11	5.64E-11	2.57E-11	2.50E-11	1.20E-12	2.91E-11	6.42E-12	8.45E-12	1.34E-11	2.36E-12	1.31E-11	7.41E-11
4935	473863.09	3862877.25	1.11E-07	1.09E-07	1.06E-07	3.83E-11	1.16E-10	6.69E-11	6.61E-11	5.99E-11	2.73E-11	2.65E-11	1.28E-12	3.09E-11	6.82E-12	8.97E-12	1.42E-11	2.51E-12	1.39E-11	7.86E-11
4936	474363.09	3862877.25	1.17E-07	1.16E-07	1.12E-07	4.05E-11	1.22E-10	7.09E-11	6.99E-11	6.34E-11	2.89E-11	2.81E-11	1.35E-12	3.27E-11	7.22E-12	9.50E-12	1.51E-11	2.65E-12	1.47E-11	8.32E-11
4937	474863.09	3862877.25	1.24E-07	1.23E-07	1.19E-07	4.30E-11	1.30E-10	7.52E-11	7.42E-11	6.73E-11	3.07E-11	2.98E-11	1.44E-12	3.47E-11	7.66E-12	1.01E-11	1.60E-11	2.82E-12	1.56E-11	8.83E-11
4938	475363.09	3862877.25	1.32E-07	1.30E-07	1.27E-07	4.58E-11	1.38E-10	8.00E-11	7.90E-11	7.16E-11	3.27E-11	3.17E-11	1.53E-12	3.69E-11	8.15E-12	1.07E-11	1.70E-11	3.00E-12	1.66E-11	9.40E-11
4939	475863.09	3862877.25	1.40E-07	1.38E-07	1.34E-07	4.86E-11	1.47E-10	8.49E-11	8.38E-11	7.59E-11	3.47E-11	3.36E-11	1.62E-12	3.92E-11	8.64E-12	1.14E-11	1.80E-11	3.18E-12	1.77E-11	9.97E-11
4940	476363.09	3862877.25	1.48E-07	1.47E-07	1.42E-07	5.14E-11	1.55E-10	8.98E-11	8.87E-11	8.04E-11	3.67E-11	3.56E-11	1.72E-12	4.15E-11	9.15E-12	1.20E-11	1.91E-11	3.37E-12	1.87E-11	1.06E-10
4941	476863.09	3862877.25	1.56E-07	1.54E-07	1.50E-07	5.41E-11	1.63E-10	9.46E-11	9.33E-11	8.46E-11	3.86E-11	3.75E-11	1.81E-12	4.36E-11	9.63E-12	1.27E-11	2.01E-11	3.54E-12	1.97E-11	1.11E-10
4942	477363.09	3862877.25	1.63E-07	1.61E-07	1.56E-07	5.64E-11	1.70E-10	9.87E-11	9.74E-11	8.83E-11	4.03E-11	3.91E-11	1.88E-12	4.55E-11	1.00E-11	1.32E-11	2.10E-11	3.70E-12	2.05E-11	1.16E-10
4943	477863.09	3862877.25	1.62E-07	1.60E-07	1.56E-07	5.62E-11	1.70E-10	9.83E-11	9.70E-11	8.79E-11	4.01E-11	3.90E-11	1.88E-12	4.53E-11	1.00E-11	1.32E-11	2.09E-11	3.68E-12	2.04E-11	1.15E-10
4944	478363.09	3862877.25	1.43E-07	1.41E-07	1.37E-07	4.94E-11	1.49E-10	8.63E-11	8.52E-11	7.72E-11	3.52E-11	3.42E-11	1.65E-12	3.98E-11	8.79E-12	1.16E-11	1.83E-11	3.23E-12	1.80E-11	1.01E-10
4945	478863.09	3862877.25	1.53E-07	1.51E-07	1.46E-07	5.28E-11	1.59E-10	9.23E-11	9.11E-11	8.26E-11	3.77E-11	3.66E-11	1.76E-12	4.26E-11	9.40E-12	1.24E-11	1.96E-11	3.46E-12	1.92E-11	1.08E-10
4946	479363.09	3862877.25	1.65E-07	1.63E-07	1.58E-07	5.72E-11	1.73E-10	1.00E-10	9.87E-11	8.95E-11	4.08E-11	3.96E-11	1.91E-12	4.61E-11	1.02E-11	1.34E-11	2.13E-11	3.75E-12	2.08E-11	1.17E-10
4947	479863.09	3862877.25	2.27E-07	2.24E-07	2.18E-07	7.87E-11	2.37E-10	1.37E-10	1.36E-10	1.23E-10	5.61E-11	5.45E-11	2.63E-12	6.34E-11	1.40E-11	1.84E-11	2.92E-11	5.15E-12	2.86E-11	1.61E-10
4948	480363.09	3862877.25	2.47E-07	2.44E-07	2.37E-07	8.55E-11	2.58E-10	1.50E-10	1.48E-10	1.34E-10	6.10E-11	5.93E-11	2.86E-12	6.90E-11	1.52E-11	2.00E-11	3.18E-11	5.60E-12	3.11E-11	1.76E-10
4949	480863.09	3862877.25	2.65E-07	2.61E-07	2.54E-07	9.17E-11	2.77E-10	1.60E-10	1.58E-10	1.43E-10	6.54E-11	6.35E-11	3.06E-12	7.39E-11	1.63E-11	2.15E-11	3.41E-11	6.00E-12	3.33E-11	1.88E-10
4950	481363.09	3862877.25	2.78E-07	2.75E-07	2.67E-07	9.63E-11	2.91E-10	1.68E-10	1.66E-10	1.51E-10	6.87E-11	6.67E-11	3.22E-12	7.77E-11	1.71E-11	2.26E-11	3.58E-11	6.31E-12	3.50E-11	1.98E-10
4951	481863.09	3862877.25	2.85E-07	2.81E-07	2.73E-07	9.86E-11	2.98E-10	1.72E-10	1.70E-10	1.54E-10	7.03E-11	6.83E-11	3.29E-12	7.95E-11	1.75E-11	2.31E-11	3.66E-11	6.45E-12	3.58E-11	2.02E-10
4952	482363.09	3862877.25	2.87E-07	2.83E-07	2.75E-07	9.94E-11	3.00E-10	1.74E-10	1.71E-10	1.55E-10	7.09E-11	6.89E-11	3.32E-12	8.02E-11	1.77E-11	2.33E-11	3.69E-11	6.51E-12	3.61E-11	2.04E-10
4953	482863.09	3862877.25	2.94E-07	2.90E-07	2.82E-07	1.02E-10	3.07E-10	1.78E-10	1.75E-10	1.59E-10	7.26E-11	7.05E-11	3.40E-12	8.20E-11	1.81E-11	2.38E-11	3.78E-11	6.66E-12	3.70E-11	2.09E-10
4954	483363.09	3862877.25	3.10E-07	3.06E-07	2.97E-07	1.07E-10	3.24E-10	1.88E-10	1.85E-10	1.68E-10	7.66E-11	7.44E-11	3.58E-12	8.66E-11	1.91E-11	2.51E-11	3.99E-11	7.03E-12	3.90E-11	2.20E-10
4955	483863.09	3862877.25	3.37E-07	3.32E-07	3.23E-07	1.17E-10	3.52E-10	2.04E-10	2.01E-10	1.82E-10	8.32E-11	8.08E-11	3.89E-12	9.40E-11	2.07E-11	2.73E-11	4.33E-11	7.63E-12	4.24E-11	2.39E-10
4956	484363.09	3862877.25	3.68E-07	3.63E-07	3.53E-07	1.27E-10	3.85E-10	2.23E-10	2.20E-10	1.99E-10	9.09E-11	8.83E-11	4.26E-12	1.03E-10	2.27E-11	2.98E-11	4.74E-11	8.35E-12	4.63E-11	2.62E-10
4957	484863.09	3862877.25	3.94E-07	3.89E-07	3.78E-07	1.37E-10	4.12E-10	2.39E-10	2.36E-10	2.14E-10	9.74E-11	9.46E-11	4.56E-12	1.10E-10	2.43E-11	3.20E-11	5.07E-11	8.94E-12	4.97E-11	2.80E-10
4958	485363.09	3862877.25	4.30E-07	4.24E-07	4.12E-07	1.49E-10	4.49E-10	2.60E-10	2.57E-10	2.33E-10	1.06E-10	1.03E-10	4.97E-12	1.20E-10	2.65E-11	3.48E-11	5.53E-11	9.74E-12	5.41E-11	3.05E-10
4959	485863.09	3862877.25	4.74E-07	4.67E-07	4.54E-07	1.64E-10	4.95E-10	2.87E-10	2.83E-10	2.56E-10	1.17E-10	1.14E-10	5.47E-12	1.32E-10	2.92E-11	3.84E-11	6.09E-11	1.07E-11	5.96E-11	3.37E-10
4960	486363.09	3862877.25	5.23E-07	5.16E-07	5.01E-07	1.81E-10	5.46E-10	3.16E-10	3.12E-10	2.83E-10	1.29E-10	1.25E-10	6.04E-12	1.46E-10	3.22E-11	4.24E-11	6.72E-11	1.18E-11	6.58E-11	3.71E-10
4961	486863.09	3862877.25	5.83E-07	5.76E-07	5.59E-07	2.02E-10	6.09E-10	3.53E-10	3.48E-10	3.16E-10	1.44E-10	1.40E-10	6.74E-12	1.63E-10	3.59E-11	4.73E-11	7.50E-11	1.32E-11	7.34E-11	4.14E-10
4962	487363.09	3862877.25	6.43E-07	6.35E-07	6.16E-07	2.23E-10	6.72E-10	3.89E-10	3.84E-10	3.48E-10	1.59E-10	1.54E-10	7.43E-12	1.80E-10	3.96E-11	5.21E-11	8.27E-11	1.46E-11	8.09E-11	4.57E-10
4963	487863.09	3862877.25	7.14E-07	7.04E-07	6.84E-07	2.47E-10	7.46E-10	4.32E-10	4.26E-10	3.86E-10	1.76E-10	1.71E-10	8.25E-12	1.99E-10	4.40E-11	5.79E-11	9.18E-11	1.62E-11	8.98E-11	5.07E-10
4964	488363.09	3862877.25	8.75E-07	8.64E-07	8.39E-07	3.03E-10	9.15E-10	5.30E-10	5.23E-10	4.74E-10	2.16E-10	2.10E-10	1.01E-11	2.44E-10	5.39E-11	7.10E-11	1.13E-10	1.98E-11	1.10E-10	6.22E-10
4965	488863.09	3862877.25	1.35E-06	1.34E-06	1.30E-06	4.68E-10	1.41E-09	8.19E-10	8.08E-10	7.32E-10	3.34E-10	3.25E-10	1.56E-11	3.78E-10	8.34E-11	1.10E-10	1.74E-10	3.07E-11	1.70E-10	9.62E-10
4966	489363.09	3862877.25	4.27E-06	4.21E-06	4.09E-06	1.48E-09	4.46E-09	2.58E-09	2.55E-09	2.31E-09	1.05E-09	1.02E-09	4.93E-11	1.19E-09	2.63E-10	3.46E-10	5.49E-10	9.67E-11	5.37E-10	3.03E-09
4967	489863.09	3862877.25	1.77E-06	1.75E-06	1.70E-06	6.13E-10	1.85E-09	1.07E-09	1.06E-09	9.58E-10	4.37E-10	4.25E-10	2.05E-11	4.94E-10	1.09E-10	1.44E-10	2.28E-10	4.01E-11	2.23E-10	1.26E-09
4968	490363.09	3862877.25	1.28E-06	1.27E-06	1.23E-06	4.45E-10	1.34E-09	7.77E-10	7.67E-10	6.96E-10	3.17E-10	3.08E-10	1.49E-11	3.59E-10	7.92E-11	1.04E-10	1.65E-10	2.91E-11	1.62E-10	9.13E-10
4969	490863.09	3862877.25	1.04E-06	1.03E-06	9.98E-07	3.60E-10	1.09E-09	6.30E-10	6.22E-10	5.64E-10	2.57E-10	2.50E-10	1.20E-11	2.91E-10	6.42E-11	8.44E-11	1.34E-10	2.36E-11	1.31E-10	7.40E-10
4970	491363.09	3862877.25	9.20E-07	9.08E-07	8.82E-07	3.18E-10	9.62E-10	5.57E-10	5.49E-10	4.98E-10	2.27E-10	2.21E-10	1.06E-11	2.57E-10	5.67E-11	7.46E-11	1.18E-10	2.09E-11	1.16E-10	6.54E-10
4971	491863.09	3862877.25	8.21E-07	8.11E-07	7.87E-07	2.84E-10	8.59E-10	4.97E-10	4.91E-10	4.45E-10	2.03E-10	1.97E-10	9.50E-12	2.29E-10	5.06E-11	6.66E-11	1.06E-10	1.86E-11	1.03E-10	5.84E-10
4972	492363.09	3862877.25	7.64E-07	7.54E-07	7.32E-07	2.64E-10	7.99E-10	4.62E-10	4.56E-10	4.14E-10	1.89E-10	1.83E-10	8.83E-12	2.13E-10	4.71E-11	6.19E-11	9.83E-11	1.73E-11	9.62E-11	5.43E-10
4973	492863.09	3862877.25	7.23E-07	7.13E-07	6.93E-07	2.50E-10	7.55E-10	4.37E-10	4.32E-10	3.91E-10	1.78E-10	1.73E-10	8.35E-12	2.02E-10	4.45E-11	5.86E-11	9.29E-11	1.64E-11	9.10E-11	5.14E-10
4974	493363.09	3862877.25	6.98E-07	6.89E-07	6.69E-07	2.42E-10	7.30E-10	4.22E-10	4.17E-10	3.78E-10	1.72E-10	1.67E-10	8.07E-12	1.95E-10	4.30E-11	5.66E-11	8.98E-11	1.58E-11	8.79E-11	4.96E-10
4975	493863.09	3862877.25	6.68E-07	6.59E-07	6.40E-07	2.31E-10	6.98E-10	4.04E-10	3.99E-10	3.62E-10	1.65E-10	1.60E-10	7.72E-12	1.87E-10	4.12E-11	5.42E-11	8.59E-11	1.51E-11	8.41E-11	4.75E-10

4976	494363.09	3862877.25	6.33E-07	6.25E-07	6.07E-07	2.19E-10	6.62E-10	3.83E-10	3.78E-10	3.43E-10	1.56E-10	1.52E-10	7.32E-12	1.77E-10	3.90E-11	5.13E-11	8.14E-11	1.44E-11	7.97E-11	4.50E-10
4977	494863.09	3862877.25	6.04E-07	5.96E-07	5.79E-07	2.09E-10	6.31E-10	3.66E-10	3.61E-10	3.27E-10	1.49E-10	1.45E-10	6.98E-12	1.69E-10	3.72E-11	4.90E-11	7.77E-11	1.37E-11	7.60E-11	4.29E-10
4978	495363.09	3862877.25	5.88E-07	5.80E-07	5.63E-07	2.03E-10	6.14E-10	3.56E-10	3.51E-10	3.18E-10	1.45E-10	1.41E-10	6.79E-12	1.64E-10	3.62E-11	4.76E-11	7.56E-11	1.33E-11	7.40E-11	4.18E-10
4979	495863.09	3862877.25	5.77E-07	5.70E-07	5.53E-07	2.00E-10	6.03E-10	3.49E-10	3.45E-10	3.13E-10	1.43E-10	1.38E-10	6.67E-12	1.61E-10	3.56E-11	4.68E-11	7.43E-11	1.31E-11	7.27E-11	4.10E-10
4980	496363.09	3862877.25	5.70E-07	5.62E-07	5.46E-07	1.97E-10	5.95E-10	3.45E-10	3.40E-10	3.08E-10	1.41E-10	1.37E-10	6.59E-12	1.59E-10	3.51E-11	4.62E-11	7.33E-11	1.29E-11	7.17E-11	4.05E-10
4981	496863.09	3862877.25	5.61E-07	5.54E-07	5.38E-07	1.94E-10	5.86E-10	3.39E-10	3.35E-10	3.04E-10	1.39E-10	1.35E-10	6.48E-12	1.57E-10	3.46E-11	4.55E-11	7.22E-11	1.27E-11	7.06E-11	3.99E-10
4982	497363.09	3862877.25	5.47E-07	5.40E-07	5.24E-07	1.89E-10	5.72E-10	3.31E-10	3.27E-10	2.96E-10	1.35E-10	1.31E-10	6.32E-12	1.53E-10	3.37E-11	4.43E-11	7.04E-11	1.24E-11	6.89E-11	3.89E-10
4983	497863.09	3862877.25	5.34E-07	5.27E-07	5.11E-07	1.85E-10	5.58E-10	3.23E-10	3.19E-10	2.89E-10	1.32E-10	1.28E-10	6.17E-12	1.49E-10	3.29E-11	4.33E-11	6.86E-11	1.21E-11	6.72E-11	3.79E-10
4984	498363.09	3862877.25	5.23E-07	5.17E-07	5.02E-07	1.81E-10	5.47E-10	3.17E-10	3.13E-10	2.83E-10	1.29E-10	1.26E-10	6.05E-12	1.46E-10	3.22E-11	4.24E-11	6.73E-11	1.19E-11	6.59E-11	3.72E-10
4985	471363.09	3863377.25	8.65E-08	8.54E-08	8.29E-08	3.00E-11	9.05E-11	5.24E-11	5.17E-11	4.68E-11	2.14E-11	2.08E-11	1.00E-12	2.42E-11	5.33E-12	7.02E-12	1.11E-11	1.96E-12	1.09E-11	6.15E-11
4986	471863.09	3863377.25	9.11E-08	8.99E-08	8.73E-08	3.15E-11	9.52E-11	5.51E-11	5.44E-11	4.93E-11	2.25E-11	2.19E-11	1.05E-12	2.54E-11	5.61E-12	7.39E-12	1.17E-11	2.06E-12	1.15E-11	6.47E-11
4987	472363.09	3863377.25	9.63E-08	9.50E-08	9.23E-08	3.33E-11	1.01E-10	5.83E-11	5.75E-11	5.21E-11	2.38E-11	2.31E-11	1.11E-12	2.69E-11	5.93E-12	7.81E-12	1.24E-11	2.18E-12	1.21E-11	6.84E-11
4988	472863.09	3863377.25	1.02E-07	1.00E-07	9.75E-08	3.52E-11	1.06E-10	6.16E-11	6.08E-11	5.51E-11	2.51E-11	2.44E-11	1.18E-12	2.84E-11	6.27E-12	8.25E-12	1.31E-11	2.31E-12	1.28E-11	7.23E-11
4989	473363.09	3863377.25	1.07E-07	1.06E-07	1.03E-07	3.72E-11	1.12E-10	6.50E-11	6.42E-11	5.82E-11	2.66E-11	2.58E-11	1.24E-12	3.00E-11	6.62E-12	8.72E-12	1.38E-11	2.44E-12	1.35E-11	7.64E-11
4990	473863.09	3863377.25	1.13E-07	1.12E-07	1.09E-07	3.92E-11	1.18E-10	6.86E-11	6.77E-11	6.14E-11	2.80E-11	2.72E-11	1.31E-12	3.16E-11	6.98E-12	9.19E-12	1.46E-11	2.57E-12	1.43E-11	8.05E-11
4991	474363.09	3863377.25	1.19E-07	1.18E-07	1.14E-07	4.14E-11	1.25E-10	7.23E-11	7.13E-11	6.47E-11	2.95E-11	2.87E-11	1.38E-12	3.34E-11	7.36E-12	9.69E-12	1.54E-11	2.71E-12	1.50E-11	8.49E-11
4992	474863.09	3863377.25	1.26E-07	1.24E-07	1.20E-07	4.35E-11	1.31E-10	7.61E-11	7.51E-11	6.81E-11	3.11E-11	3.02E-11	1.45E-12	3.51E-11	7.75E-12	1.02E-11	1.62E-11	2.85E-12	1.58E-11	8.93E-11
4993	475363.09	3863377.25	1.32E-07	1.30E-07	1.26E-07	4.57E-11	1.38E-10	7.98E-11	7.88E-11	7.14E-11	3.26E-11	3.17E-11	1.53E-12	3.68E-11	8.13E-12	1.07E-11	1.70E-11	2.99E-12	1.66E-11	9.38E-11
4994	475863.09	3863377.25	1.38E-07	1.36E-07	1.32E-07	4.78E-11	1.44E-10	8.35E-11	8.25E-11	7.47E-11	3.41E-11	3.31E-11	1.60E-12	3.86E-11	8.51E-12	1.12E-11	1.78E-11	3.13E-12	1.74E-11	9.81E-11
4995	476363.09	3863377.25	1.44E-07	1.43E-07	1.38E-07	5.00E-11	1.51E-10	8.74E-11	8.63E-11	7.82E-11	3.57E-11	3.46E-11	1.67E-12	4.03E-11	8.90E-12	1.17E-11	1.86E-11	3.27E-12	1.82E-11	1.03E-10
4996	476863.09	3863377.25	1.52E-07	1.50E-07	1.45E-07	5.25E-11	1.58E-10	9.17E-11	9.05E-11	8.21E-11	3.74E-11	3.64E-11	1.75E-12	4.23E-11	9.34E-12	1.23E-11	1.95E-11	3.44E-12	1.91E-11	1.08E-10
4997	477363.09	3863377.25	1.60E-07	1.58E-07	1.53E-07	5.54E-11	1.67E-10	9.69E-11	9.56E-11	8.66E-11	3.95E-11	3.84E-11	1.85E-12	4.47E-11	9.86E-12	1.30E-11	2.06E-11	3.63E-12	2.01E-11	1.14E-10
4998	477863.09	3863377.25	1.68E-07	1.66E-07	1.61E-07	5.81E-11	1.75E-10	1.01E-10	1.00E-10	9.08E-11	4.14E-11	4.02E-11	1.94E-12	4.68E-11	1.03E-11	1.36E-11	2.16E-11	3.80E-12	2.11E-11	1.19E-10
4999	478363.09	3863377.25	1.65E-07	1.63E-07	1.59E-07	5.73E-11	1.73E-10	1.00E-10	9.88E-11	8.95E-11	4.09E-11	3.97E-11	1.91E-12	4.62E-11	1.02E-11	1.34E-11	2.13E-11	3.75E-12	2.08E-11	1.18E-10
5000	478863.09	3863377.25	1.81E-07	1.79E-07	1.74E-07	6.28E-11	1.89E-10	1.10E-10	1.08E-10	9.81E-11	4.48E-11	4.35E-11	2.10E-12	5.06E-11	1.12E-11	1.47E-11	2.33E-11	4.11E-12	2.28E-11	1.29E-10
5001	479363.09	3863377.25	2.08E-07	2.06E-07	2.00E-07	7.21E-11	2.18E-10	1.26E-10	1.24E-10	1.13E-10	5.15E-11	5.00E-11	2.41E-12	5.82E-11	1.28E-11	1.69E-11	2.68E-11	4.72E-12	2.62E-11	1.48E-10
5002	479863.09	3863377.25	2.25E-07	2.22E-07	2.15E-07	7.78E-11	2.35E-10	1.36E-10	1.34E-10	1.22E-10	5.55E-11	5.39E-11	2.60E-12	6.27E-11	1.38E-11	1.82E-11	2.89E-11	5.09E-12	2.83E-11	1.60E-10
5003	480363.09	3863377.25	2.35E-07	2.31E-07	2.25E-07	8.12E-11	2.45E-10	1.42E-10	1.40E-10	1.27E-10	5.79E-11	5.62E-11	2.71E-12	6.55E-11	1.44E-11	1.90E-11	3.02E-11	5.32E-12	2.95E-11	1.67E-10
5004	480863.09	3863377.25	2.39E-07	2.36E-07	2.29E-07	8.28E-11	2.50E-10	1.45E-10	1.43E-10	1.29E-10	5.91E-11	5.74E-11	2.76E-12	6.68E-11	1.47E-11	1.94E-11	3.08E-11	5.42E-12	3.01E-11	1.70E-10
5005	481363.09	3863377.25	2.39E-07	2.36E-07	2.29E-07	8.28E-11	2.50E-10	1.45E-10	1.43E-10	1.29E-10	5.91E-11	5.74E-11	2.76E-12	6.68E-11	1.47E-11	1.94E-11	3.08E-11	5.42E-12	3.01E-11	1.70E-10
5006	481863.09	3863377.25	2.42E-07	2.39E-07	2.32E-07	8.37E-11	2.53E-10	1.46E-10	1.44E-10	1.31E-10	5.98E-11	5.80E-11	2.80E-12	6.75E-11	1.49E-11	1.96E-11	3.11E-11	5.48E-12	3.05E-11	1.72E-10
5007	482363.09	3863377.25	2.51E-07	2.48E-07	2.41E-07	8.69E-11	2.62E-10	1.52E-10	1.50E-10	1.36E-10	6.20E-11	6.02E-11	2.90E-12	7.01E-11	1.55E-11	2.04E-11	3.23E-11	5.69E-12	3.16E-11	1.78E-10
5008	482863.09	3863377.25	2.67E-07	2.64E-07	2.56E-07	9.26E-11	2.80E-10	1.62E-10	1.60E-10	1.45E-10	6.61E-11	6.41E-11	3.09E-12	7.47E-11	1.65E-11	2.17E-11	3.44E-11	6.06E-12	3.37E-11	1.90E-10
5009	483363.09	3863377.25	2.90E-07	2.86E-07	2.78E-07	1.00E-10	3.03E-10	1.75E-10	1.73E-10	1.57E-10	7.16E-11	6.95E-11	3.35E-12	8.09E-11	1.78E-11	2.35E-11	3.73E-11	6.57E-12	3.65E-11	2.06E-10
5010	483863.09	3863377.25	3.13E-07	3.09E-07	3.00E-07	1.08E-10	3.27E-10	1.89E-10	1.87E-10	1.69E-10	7.72E-11	7.50E-11	3.61E-12	8.73E-11	1.93E-11	2.53E-11	4.02E-11	7.09E-12	3.93E-11	2.22E-10
5011	484363.09	3863377.25	3.32E-07	3.28E-07	3.19E-07	1.15E-10	3.48E-10	2.01E-10	1.99E-10	1.80E-10	8.21E-11	7.98E-11	3.84E-12	9.28E-11	2.05E-11	2.70E-11	4.28E-11	7.54E-12	4.19E-11	2.36E-10
5012	484863.09	3863377.25	3.58E-07	3.53E-07	3.43E-07	1.24E-10	3.74E-10	2.16E-10	2.14E-10	1.94E-10	8.84E-11	8.58E-11	4.14E-12	9.99E-11	2.20E-11	2.90E-11	4.60E-11	8.11E-12	4.50E-11	2.54E-10
5013	485363.09	3863377.25	3.90E-07	3.85E-07	3.74E-07	1.35E-10	4.08E-10	2.36E-10	2.33E-10	2.11E-10	9.64E-11	9.36E-11	4.51E-12	1.09E-10	2.40E-11	3.16E-11	5.02E-11	8.85E-12	4.91E-11	2.77E-10
5014	485863.09	3863377.25	4.26E-07	4.21E-07	4.09E-07	1.48E-10	4.46E-10	2.58E-10	2.55E-10	2.31E-10	1.05E-10	1.02E-10	4.93E-12	1.19E-10	2.63E-11	3.46E-11	5.48E-11	9.66E-12	5.37E-11	3.03E-10
5015	486363.09	3863377.25	4.68E-07	4.61E-07	4.48E-07	1.62E-10	4.89E-10	2.83E-10	2.79E-10	2.53E-10	1.15E-10	1.12E-10	5.40E-12	1.31E-10	2.88E-11	3.79E-11	6.01E-11	1.06E-11	5.89E-11	3.32E-10
5016	486863.09	3863377.25	5.12E-07	5.06E-07	4.91E-07	1.77E-10	5.35E-10	3.10E-10	3.06E-10	2.77E-10	1.27E-10	1.23E-10	5.92E-12	1.43E-10	3.16E-11	4.15E-11	6.59E-11	1.16E-11	6.45E-11	3.64E-10
5017	487363.09	3863377.25	5.45E-07	5.38E-07	5.23E-07	1.89E-10	5.70E-10	3.30E-10	3.26E-10	2.95E-10	1.35E-10	1.31E-10	6.30E-12	1.52E-10	3.36E-11	4.42E-11	7.01E-11	1.24E-11	6.87E-11	3.88E-10
5018	487863.09	3863377.25	6.09E-07	6.01E-07	5.84E-07	2.11E-10	6.37E-10	3.69E-10	3.64E-10	3.30E-10	1.50E-10	1.46E-10	7.04E-12	1.70E-10	3.75E-11	4.94E-11	7.84E-11	1.38E-11	7.67E-11	4.33E-10
5019	488363.09	3863377.25	7.19E-07	7.10E-07	6.89E-07	2.49E-10	7.52E-10	4.35E-10	4.30E-10	3.89E-10	1.78E-10	1.73E-10	8.32E-12	2.01E-10	4.43E-11	5.83E-11	9.25E-11	1.63E-11	9.06E-11	5.11E-10
5020	488863.09	3863377.25	1.09E-06	1.08E-06	1.04E-06	3.77E-10	1.14E-09	6.59E-10	6.51E-10	5.90E-10	2.69E-10	2.61E-10	1.26E-11	3.04E-10	6.71E-11	8.84E-11	1.40E-10	2.47E-11	1.37E-10	7.74E-10
5021	489363.09	3863377.25	3.91E-06	3.86E-06	3.75E-06	1.35E-09	4.09E-09	2.37E-09	2.34E-09	2.12E-09	9.67E-10	9.39E-10	4.52E-11	1.09E-09	2.41E-10	3.17E-10	5.03E-10	8.87E-11	4.93E-10	2.78E-09
5022	489863.09	3863377.25	1.39E-06	1.38E-06	1.34E-06	4.82E-10	1.46E-09	8.43E-10	8.32E-10	7.54E-10	3.44E-10	3.34E-10	1.61E-11	3.89E-10	8.59E-11	1.13E-10	1.79E-10	3.16E-11	1.75E-10	9.90E-10
5023	490363.09	3863377.25	9.90E-07	9.78E-07	9.49E-07	3.43E-10	1.04E-09	5.99E-10	5.91E-10	5.36E-10	2.45E-10	2.38E-10	1.14E-11	2.77E-10	6.10E-11	8.03E-11	1.27E-10	2.25E-11	1.25E-10	7.04E-10
5024	490863.09	3863377.25	8.18E-07	8.07E-07	7.84E-07	2.83E-10	8.55E-10	4.95E-10	4.89E-10	4.43E-10	2.02E-10	1.96E-10	9.46E-12	2.28E-10	5.04E-11	6.63E-11	1.05E-10	1.85E-11	1.03E-10	5.81E-10
5025	491363.09	3863377.25	7.21E-07	7.11E-07	6.91E-07	2.50E-10	7.53E-10	4.36E-10	4.30E-10	3.90E-10	1.78E-10	1.73E-10	8.33E-12	2.01E-10	4.44E-11	5.84E-11	9.27E-11	1.63E-11	9.07E-11	5.12E-10
5026	491863.09	3863377.25	6.65E-07	6.57E-07	6.38E-07	2.30E-10	6.95E-10	4.03E-10	3.97E-10	3.60E-10	1.64E-10	1.60E-10	7.69E-12	1.86E-10	4.10E-11	5.39E-11	8.56E-11	1.51E-11	8.37E-11	4.73E-10
5027	492363.09	3863377.25	6.34E-07	6.26E-07	6.08E-07	2.20E-10	6.63E-10	3.84E-10	3.79E-10	3.43E-10	1.57E-10	1.52E-10	7.33E-12	1.77E-10	3.91E-11	5.14E-11	8.16E-11	1.44E-11	7.98E-11	4.51E-10
5028	492863.09	3863377.25	6.21E-07	6.13E-07	5.95E-07	2.15E-10	6.49E-10	3.76E-10	3.71E-10	3.36E-10	1.53E-10	1.49E-10	7.18E-12	1.73E-10	3.82E-11	5.03E-11	7.98E-11	1.41E-11	7.81E-11	4.41E-10

5029	493363.09	3863377.25	6.01E-07	5.94E-07	5.76E-07	2.08E-10	6.29E-10	3.64E-10	3.59E-10	3.26E-10	1.49E-10	1.44E-10	6.95E-12	1.68E-10	3.71E-11	4.88E-11	7.74E-11	1.36E-11	7.57E-11	4.27E-10
5030	493863.09	3863377.25	5.87E-07	5.80E-07	5.63E-07	2.03E-10	6.14E-10	3.55E-10	3.51E-10	3.18E-10	1.45E-10	1.41E-10	6.79E-12	1.64E-10	3.62E-11	4.76E-11	7.56E-11	1.33E-11	7.39E-11	4.17E-10
5031	494363.09	3863377.25	5.63E-07	5.56E-07	5.40E-07	1.95E-10	5.88E-10	3.41E-10	3.36E-10	3.05E-10	1.39E-10	1.35E-10	6.51E-12	1.57E-10	3.47E-11	4.56E-11	7.24E-11	1.28E-11	7.09E-11	4.00E-10
5032	494863.09	3863377.25	5.41E-07	5.34E-07	5.19E-07	1.87E-10	5.66E-10	3.27E-10	3.23E-10	2.93E-10	1.34E-10	1.30E-10	6.26E-12	1.51E-10	3.33E-11	4.39E-11	6.96E-11	1.23E-11	6.81E-11	3.85E-10
5033	495363.09	3863377.25	5.28E-07	5.21E-07	5.06E-07	1.83E-10	5.52E-10	3.19E-10	3.15E-10	2.86E-10	1.30E-10	1.27E-10	6.10E-12	1.47E-10	3.25E-11	4.28E-11	6.79E-11	1.20E-11	6.64E-11	3.75E-10
5034	495863.09	3863377.25	5.18E-07	5.11E-07	4.97E-07	1.79E-10	5.41E-10	3.13E-10	3.09E-10	2.80E-10	1.28E-10	1.24E-10	5.99E-12	1.45E-10	3.19E-11	4.20E-11	6.66E-11	1.17E-11	6.52E-11	3.68E-10
5035	496363.09	3863377.25	4.90E-07	4.83E-07	4.69E-07	1.69E-10	5.12E-10	2.96E-10	2.92E-10	2.65E-10	1.21E-10	1.17E-10	5.66E-12	1.37E-10	3.02E-11	3.97E-11	6.30E-11	1.11E-11	6.16E-11	3.48E-10
5036	496863.09	3863377.25	4.72E-07	4.66E-07	4.52E-07	1.63E-10	4.93E-10	2.86E-10	2.82E-10	2.56E-10	1.17E-10	1.13E-10	5.46E-12	1.32E-10	2.91E-11	3.83E-11	6.07E-11	1.07E-11	5.94E-11	3.35E-10
5037	497363.09	3863377.25	4.68E-07	4.61E-07	4.48E-07	1.62E-10	4.89E-10	2.83E-10	2.79E-10	2.53E-10	1.15E-10	1.12E-10	5.40E-12	1.31E-10	2.88E-11	3.79E-11	6.01E-11	1.06E-11	5.89E-11	3.32E-10
5038	497863.09	3863377.25	4.63E-07	4.57E-07	4.44E-07	1.60E-10	4.84E-10	2.80E-10	2.77E-10	2.51E-10	1.14E-10	1.11E-10	5.35E-12	1.29E-10	2.85E-11	3.75E-11	5.96E-11	1.05E-11	5.83E-11	3.29E-10
5039	498363.09	3863377.25	4.55E-07	4.49E-07	4.36E-07	1.57E-10	4.75E-10	2.75E-10	2.72E-10	2.46E-10	1.12E-10	1.09E-10	5.26E-12	1.27E-10	2.80E-11	3.69E-11	5.85E-11	1.03E-11	5.72E-11	3.23E-10
5040	471363.09	3863877.25	8.93E-08	8.81E-08	8.56E-08	3.09E-11	9.33E-11	5.40E-11	5.33E-11	4.83E-11	2.21E-11	2.14E-11	1.03E-12	2.49E-11	5.50E-12	7.24E-12	1.15E-11	2.02E-12	1.12E-11	6.34E-11
5041	471863.09	3863877.25	9.37E-08	9.25E-08	8.98E-08	3.24E-11	9.79E-11	5.67E-11	5.60E-11	5.07E-11	2.31E-11	2.25E-11	1.08E-12	2.62E-11	5.77E-12	7.60E-12	1.21E-11	2.12E-12	1.18E-11	6.66E-11
5042	472363.09	3863877.25	9.85E-08	9.72E-08	9.44E-08	3.41E-11	1.03E-10	5.96E-11	5.88E-11	5.33E-11	2.43E-11	2.36E-11	1.14E-12	2.75E-11	6.07E-12	7.99E-12	1.27E-11	2.23E-12	1.24E-11	7.00E-11
5043	472863.09	3863877.25	1.03E-07	1.02E-07	9.90E-08	3.58E-11	1.08E-10	6.25E-11	6.17E-11	5.59E-11	2.55E-11	2.48E-11	1.19E-12	2.89E-11	6.37E-12	8.38E-12	1.33E-11	2.34E-12	1.30E-11	7.34E-11
5044	473363.09	3863877.25	1.08E-07	1.07E-07	1.04E-07	3.74E-11	1.13E-10	6.54E-11	6.46E-11	5.85E-11	2.67E-11	2.59E-11	1.25E-12	3.02E-11	6.66E-12	8.77E-12	1.39E-11	2.45E-12	1.36E-11	7.69E-11
5045	473863.09	3863877.25	1.13E-07	1.12E-07	1.08E-07	3.91E-11	1.18E-10	6.84E-11	6.75E-11	6.12E-11	2.79E-11	2.71E-11	1.31E-12	3.16E-11	6.97E-12	9.17E-12	1.45E-11	2.56E-12	1.42E-11	8.04E-11
5046	474363.09	3863877.25	1.18E-07	1.16E-07	1.13E-07	4.08E-11	1.23E-10	7.13E-11	7.03E-11	6.38E-11	2.91E-11	2.82E-11	1.36E-12	3.29E-11	7.26E-12	9.55E-12	1.51E-11	2.67E-12	1.48E-11	8.37E-11
5047	474863.09	3863877.25	1.23E-07	1.21E-07	1.17E-07	4.24E-11	1.28E-10	7.42E-11	7.32E-11	6.64E-11	3.03E-11	2.94E-11	1.42E-12	3.42E-11	7.55E-12	9.94E-12	1.58E-11	2.78E-12	1.54E-11	8.71E-11
5048	475363.09	3863877.25	1.28E-07	1.26E-07	1.22E-07	4.42E-11	1.34E-10	7.73E-11	7.63E-11	6.92E-11	3.16E-11	3.07E-11	1.48E-12	3.57E-11	7.87E-12	1.04E-11	1.64E-11	2.90E-12	1.61E-11	9.08E-11
5049	475863.09	3863877.25	1.34E-07	1.32E-07	1.28E-07	4.64E-11	1.40E-10	8.10E-11	8.00E-11	7.25E-11	3.31E-11	3.21E-11	1.55E-12	3.74E-11	8.25E-12	1.09E-11	1.72E-11	3.04E-12	1.69E-11	9.52E-11
5050	476363.09	3863877.25	1.41E-07	1.39E-07	1.35E-07	4.88E-11	1.47E-10	8.54E-11	8.42E-11	7.64E-11	3.48E-11	3.38E-11	1.63E-12	3.94E-11	8.69E-12	1.14E-11	1.81E-11	3.20E-12	1.78E-11	1.00E-10
5051	476863.09	3863877.25	1.50E-07	1.48E-07	1.44E-07	5.19E-11	1.57E-10	9.08E-11	8.96E-11	8.12E-11	3.71E-11	3.60E-11	1.73E-12	4.19E-11	9.24E-12	1.22E-11	1.93E-11	3.40E-12	1.89E-11	1.07E-10
5052	477363.09	3863877.25	1.60E-07	1.58E-07	1.53E-07	5.54E-11	1.67E-10	9.68E-11	9.55E-11	8.66E-11	3.95E-11	3.84E-11	1.85E-12	4.47E-11	9.85E-12	1.30E-11	2.06E-11	3.63E-12	2.01E-11	1.14E-10
5053	477863.09	3863877.25	1.70E-07	1.68E-07	1.63E-07	5.89E-11	1.78E-10	1.03E-10	1.02E-10	9.21E-11	4.20E-11	4.08E-11	1.97E-12	4.75E-11	1.05E-11	1.38E-11	2.19E-11	3.86E-12	2.14E-11	1.21E-10
5054	478363.09	3863877.25	1.78E-07	1.75E-07	1.70E-07	6.14E-11	1.86E-10	1.07E-10	1.06E-10	9.61E-11	4.38E-11	4.26E-11	2.05E-12	4.96E-11	1.09E-11	1.44E-11	2.28E-11	4.02E-12	2.23E-11	1.26E-10
5055	478863.09	3863877.25	1.94E-07	1.92E-07	1.86E-07	6.73E-11	2.03E-10	1.18E-10	1.16E-10	1.05E-10	4.80E-11	4.66E-11	2.25E-12	5.42E-11	1.20E-11	1.58E-11	2.50E-11	4.40E-12	2.45E-11	1.38E-10
5056	479363.09	3863877.25	2.02E-07	1.99E-07	1.93E-07	6.98E-11	2.11E-10	1.22E-10	1.20E-10	1.09E-10	4.98E-11	4.84E-11	2.33E-12	5.63E-11	1.24E-11	1.63E-11	2.59E-11	4.57E-12	2.54E-11	1.43E-10
5057	479863.09	3863877.25	2.05E-07	2.02E-07	1.96E-07	7.10E-11	2.14E-10	1.24E-10	1.22E-10	1.11E-10	5.06E-11	4.92E-11	2.37E-12	5.72E-11	1.26E-11	1.66E-11	2.64E-11	4.65E-12	2.58E-11	1.46E-10
5058	480363.09	3863877.25	2.04E-07	2.02E-07	1.96E-07	7.07E-11	2.14E-10	1.24E-10	1.22E-10	1.11E-10	5.05E-11	4.90E-11	2.36E-12	5.70E-11	1.26E-11	1.66E-11	2.63E-11	4.63E-12	2.57E-11	1.45E-10
5059	480863.09	3863877.25	2.05E-07	2.02E-07	1.96E-07	7.08E-11	2.14E-10	1.24E-10	1.22E-10	1.11E-10	5.05E-11	4.91E-11	2.36E-12	5.71E-11	1.26E-11	1.66E-11	2.63E-11	4.64E-12	2.58E-11	1.45E-10
5060	481363.09	3863877.25	2.09E-07	2.07E-07	2.01E-07	7.24E-11	2.19E-10	1.27E-10	1.25E-10	1.13E-10	5.17E-11	5.02E-11	2.42E-12	5.84E-11	1.29E-11	1.70E-11	2.69E-11	4.74E-12	2.63E-11	1.49E-10
5061	481863.09	3863877.25	2.20E-07	2.17E-07	2.11E-07	7.61E-11	2.30E-10	1.33E-10	1.31E-10	1.19E-10	5.43E-11	5.28E-11	2.54E-12	6.14E-11	1.36E-11	1.78E-11	2.83E-11	4.99E-12	2.77E-11	1.56E-10
5062	482363.09	3863877.25	2.35E-07	2.32E-07	2.25E-07	8.14E-11	2.46E-10	1.42E-10	1.41E-10	1.27E-10	5.81E-11	5.64E-11	2.72E-12	6.57E-11	1.45E-11	1.91E-11	3.03E-11	5.33E-12	2.96E-11	1.67E-10
5063	482863.09	3863877.25	2.52E-07	2.49E-07	2.42E-07	8.73E-11	2.64E-10	1.53E-10	1.51E-10	1.37E-10	6.23E-11	6.05E-11	2.92E-12	7.05E-11	1.55E-11	2.05E-11	3.25E-11	5.72E-12	3.18E-11	1.79E-10
5064	483363.09	3863877.25	2.69E-07	2.65E-07	2.58E-07	9.31E-11	2.81E-10	1.63E-10	1.61E-10	1.46E-10	6.64E-11	6.45E-11	3.11E-12	7.51E-11	1.66E-11	2.18E-11	3.46E-11	6.10E-12	3.39E-11	1.91E-10
5065	483863.09	3863877.25	2.85E-07	2.81E-07	2.73E-07	9.85E-11	2.97E-10	1.72E-10	1.70E-10	1.54E-10	7.03E-11	6.83E-11	3.29E-12	7.95E-11	1.75E-11	2.31E-11	3.66E-11	6.45E-12	3.58E-11	2.02E-10
5066	484363.09	3863877.25	3.02E-07	2.98E-07	2.89E-07	1.05E-10	3.16E-10	1.83E-10	1.80E-10	1.64E-10	7.46E-11	7.24E-11	3.49E-12	8.43E-11	1.86E-11	2.45E-11	3.88E-11	6.85E-12	3.80E-11	2.15E-10
5067	484863.09	3863877.25	3.28E-07	3.24E-07	3.15E-07	1.14E-10	3.43E-10	1.99E-10	1.96E-10	1.78E-10	8.11E-11	7.88E-11	3.80E-12	9.17E-11	2.02E-11	2.66E-11	4.22E-11	7.45E-12	4.13E-11	2.33E-10
5068	485363.09	3863877.25	3.57E-07	3.52E-07	3.42E-07	1.24E-10	3.73E-10	2.16E-10	2.13E-10	1.93E-10	8.82E-11	8.57E-11	4.13E-12	9.97E-11	2.20E-11	2.90E-11	4.59E-11	8.09E-12	4.50E-11	2.54E-10
5069	485863.09	3863877.25	3.87E-07	3.82E-07	3.71E-07	1.34E-10	4.05E-10	2.34E-10	2.31E-10	2.10E-10	9.56E-11	9.29E-11	4.48E-12	1.08E-10	2.39E-11	3.14E-11	4.98E-11	8.78E-12	4.87E-11	2.75E-10
5070	486363.09	3863877.25	4.17E-07	4.11E-07	3.99E-07	1.44E-10	4.36E-10	2.52E-10	2.49E-10	2.26E-10	1.03E-10	1.00E-10	4.82E-12	1.16E-10	2.57E-11	3.38E-11	5.36E-11	9.45E-12	5.25E-11	2.96E-10
5071	486863.09	3863877.25	4.42E-07	4.36E-07	4.23E-07	1.53E-10	4.62E-10	2.67E-10	2.64E-10	2.39E-10	1.09E-10	1.06E-10	5.11E-12	1.23E-10	2.72E-11	3.58E-11	5.68E-11	1.00E-11	5.56E-11	3.14E-10
5072	487363.09	3863877.25	4.65E-07	4.59E-07	4.46E-07	1.61E-10	4.86E-10	2.81E-10	2.78E-10	2.52E-10	1.15E-10	1.12E-10	5.38E-12	1.30E-10	2.87E-11	3.77E-11	5.98E-11	1.05E-11	5.86E-11	3.31E-10
5073	487863.09	3863877.25	5.11E-07	5.04E-07	4.90E-07	1.77E-10	5.34E-10	3.09E-10	3.05E-10	2.77E-10	1.26E-10	1.23E-10	5.90E-12	1.43E-10	3.15E-11	4.14E-11	6.57E-11	1.16E-11	6.43E-11	3.63E-10
5074	488363.09	3863877.25	5.51E-07	5.44E-07	5.28E-07	1.91E-10	5.76E-10	3.34E-10	3.29E-10	2.98E-10	1.36E-10	1.32E-10	6.37E-12	1.54E-10	3.40E-11	4.47E-11	7.09E-11	1.25E-11	6.94E-11	3.92E-10
5075	488863.09	3863877.25	6.08E-07	6.00E-07	5.82E-07	2.10E-10	6.35E-10	3.68E-10	3.63E-10	3.29E-10	1.50E-10	1.46E-10	7.02E-12	1.70E-10	3.74E-11	4.93E-11	7.82E-11	1.38E-11	7.65E-11	4.32E-10
5076	489363.09	3863877.25	5.97E-07	5.89E-07	5.72E-07	2.07E-10	6.24E-10	3.61E-10	3.56E-10	3.23E-10	1.47E-10	1.43E-10	6.90E-12	1.67E-10	3.68E-11	4.84E-11	7.68E-11	1.35E-11	7.51E-11	4.24E-10
5077	489863.09	3863877.25	6.06E-07	5.99E-07	5.81E-07	2.10E-10	6.34E-10	3.67E-10	3.62E-10	3.28E-10	1.50E-10	1.45E-10	7.01E-12	1.69E-10	3.74E-11	4.92E-11	7.80E-11	1.37E-11	7.63E-11	4.31E-10
5078	490363.09	3863877.25	5.97E-07	5.90E-07	5.73E-07	2.07E-10	6.24E-10	3.61E-10	3.57E-10	3.23E-10	1.48E-10	1.43E-10	6.91E-12	1.67E-10	3.68E-11	4.84E-11	7.68E-11	1.35E-11	7.52E-11	4.25E-10
5079	490863.09	3863877.25	5.68E-07	5.61E-07	5.45E-07	1.97E-10	5.94E-10	3.44E-10	3.39E-10	3.08E-10	1.40E-10	1.36E-10	6.57E-12	1.59E-10	3.50E-11	4.61E-11	7.31E-11	1.29E-11	7.15E-11	4.04E-10
5080	491363.09	3863877.25	5.38E-07	5.31E-07	5.16E-07	1.86E-10	5.62E-10	3.26E-10	3.21E-10	2.91E-10	1.33E-10	1.29E-10	6.22E-12	1.50E-10	3.31E-11	4.36E-11	6.92E-11	1.22E-11	6.77E-11	3.82E-10
5081	491863.09	3863877.25	5.32E-07	5.25E-07	5.10E-07	1.84E-10	5.56E-10	3.22E-10	3.18E-10	2.88E-10	1.31E-10	1.28E-10	6.15E-12	1.49E-10	3.28E-11	4.31E-11	6.84E-11	1.21E-11	6.70E-11	3.78E-10

5082	492363.09	3863877.25	5.10E-07	5.03E-07	4.89E-07	1.77E-10	5.33E-10	3.09E-10	3.05E-10	2.76E-10	1.26E-10	1.22E-10	5.90E-12	1.42E-10	3.14E-11	4.14E-11	6.56E-11	1.16E-11	6.42E-11	3.62E-10
5083	492863.09	3863877.25	4.79E-07	4.73E-07	4.59E-07	1.66E-10	5.00E-10	2.90E-10	2.86E-10	2.59E-10	1.18E-10	1.15E-10	5.53E-12	1.34E-10	2.95E-11	3.88E-11	6.16E-11	1.09E-11	6.03E-11	3.40E-10
5084	493363.09	3863877.25	4.78E-07	4.71E-07	4.58E-07	1.65E-10	4.99E-10	2.89E-10	2.85E-10	2.59E-10	1.18E-10	1.15E-10	5.52E-12	1.33E-10	2.94E-11	3.87E-11	6.14E-11	1.08E-11	6.01E-11	3.39E-10
5085	493863.09	3863877.25	4.75E-07	4.69E-07	4.55E-07	1.64E-10	4.96E-10	2.87E-10	2.84E-10	2.57E-10	1.17E-10	1.14E-10	5.49E-12	1.33E-10	2.93E-11	3.85E-11	6.11E-11	1.08E-11	5.98E-11	3.38E-10
5086	494363.09	3863877.25	4.82E-07	4.76E-07	4.62E-07	1.67E-10	5.04E-10	2.92E-10	2.88E-10	2.61E-10	1.19E-10	1.16E-10	5.57E-12	1.35E-10	2.97E-11	3.91E-11	6.20E-11	1.09E-11	6.07E-11	3.43E-10
5087	494863.09	3863877.25	4.71E-07	4.64E-07	4.51E-07	1.63E-10	4.92E-10	2.85E-10	2.81E-10	2.55E-10	1.16E-10	1.13E-10	5.44E-12	1.31E-10	2.90E-11	3.82E-11	6.05E-11	1.07E-11	5.92E-11	3.34E-10
5088	495363.09	3863877.25	4.56E-07	4.50E-07	4.37E-07	1.58E-10	4.77E-10	2.76E-10	2.72E-10	2.47E-10	1.13E-10	1.09E-10	5.27E-12	1.27E-10	2.81E-11	3.70E-11	5.87E-11	1.03E-11	5.74E-11	3.24E-10
5089	495863.09	3863877.25	4.45E-07	4.39E-07	4.26E-07	1.54E-10	4.65E-10	2.69E-10	2.66E-10	2.41E-10	1.10E-10	1.07E-10	5.14E-12	1.24E-10	2.74E-11	3.61E-11	5.72E-11	1.01E-11	5.60E-11	3.16E-10
5090	496363.09	3863877.25	4.33E-07	4.27E-07	4.15E-07	1.50E-10	4.52E-10	2.62E-10	2.58E-10	2.34E-10	1.07E-10	1.04E-10	5.00E-12	1.21E-10	2.67E-11	3.51E-11	5.56E-11	9.81E-12	5.45E-11	3.07E-10
5091	496863.09	3863877.25	4.18E-07	4.12E-07	4.00E-07	1.45E-10	4.37E-10	2.53E-10	2.50E-10	2.26E-10	1.03E-10	1.00E-10	4.83E-12	1.17E-10	2.57E-11	3.39E-11	5.37E-11	9.47E-12	5.26E-11	2.97E-10
5092	497363.09	3863877.25	4.07E-07	4.02E-07	3.90E-07	1.41E-10	4.26E-10	2.46E-10	2.43E-10	2.20E-10	1.01E-10	9.77E-11	4.71E-12	1.14E-10	2.51E-11	3.30E-11	5.24E-11	9.23E-12	5.13E-11	2.89E-10
5093	497863.09	3863877.25	4.02E-07	3.97E-07	3.85E-07	1.39E-10	4.20E-10	2.43E-10	2.40E-10	2.18E-10	9.93E-11	9.65E-11	4.65E-12	1.12E-10	2.48E-11	3.26E-11	5.17E-11	9.12E-12	5.06E-11	2.86E-10
5094	498363.09	3863877.25	3.97E-07	3.91E-07	3.80E-07	1.37E-10	4.14E-10	2.40E-10	2.37E-10	2.15E-10	9.79E-11	9.51E-11	4.58E-12	1.11E-10	2.44E-11	3.21E-11	5.10E-11	8.99E-12	4.99E-11	2.82E-10
5095	471363.09	3864377.25	9.06E-08	8.94E-08	8.68E-08	3.14E-11	9.47E-11	5.48E-11	5.41E-11	4.90E-11	2.24E-11	2.17E-11	1.05E-12	2.53E-11	5.58E-12	7.34E-12	1.16E-11	2.05E-12	1.14E-11	6.44E-11
5096	471863.09	3864377.25	9.45E-08	9.32E-08	9.05E-08	3.27E-11	9.87E-11	5.72E-11	5.64E-11	5.11E-11	2.33E-11	2.27E-11	1.09E-12	2.64E-11	5.82E-12	7.66E-12	1.22E-11	2.14E-12	1.19E-11	6.71E-11
5097	472363.09	3864377.25	9.84E-08	9.71E-08	9.43E-08	3.41E-11	1.03E-10	5.95E-11	5.88E-11	5.33E-11	2.43E-11	2.36E-11	1.14E-12	2.75E-11	6.06E-12	7.98E-12	1.27E-11	2.23E-12	1.24E-11	6.99E-11
5098	472863.09	3864377.25	1.02E-07	1.01E-07	9.79E-08	3.54E-11	1.07E-10	6.18E-11	6.10E-11	5.53E-11	2.52E-11	2.45E-11	1.18E-12	2.85E-11	6.29E-12	8.28E-12	1.31E-11	2.32E-12	1.29E-11	7.26E-11
5099	473363.09	3864377.25	1.06E-07	1.04E-07	1.01E-07	3.66E-11	1.11E-10	6.40E-11	6.32E-11	5.73E-11	2.61E-11	2.54E-11	1.22E-12	2.95E-11	6.52E-12	8.58E-12	1.36E-11	2.40E-12	1.33E-11	7.52E-11
5100	473863.09	3864377.25	1.10E-07	1.08E-07	1.05E-07	3.80E-11	1.15E-10	6.64E-11	6.55E-11	5.94E-11	2.71E-11	2.63E-11	1.27E-12	3.06E-11	6.76E-12	8.89E-12	1.41E-11	2.49E-12	1.38E-11	7.80E-11
5101	474363.09	3864377.25	1.14E-07	1.13E-07	1.09E-07	3.95E-11	1.19E-10	6.90E-11	6.81E-11	6.17E-11	2.82E-11	2.73E-11	1.32E-12	3.18E-11	7.02E-12	9.24E-12	1.47E-11	2.58E-12	1.44E-11	8.10E-11
5102	474863.09	3864377.25	1.19E-07	1.18E-07	1.14E-07	4.12E-11	1.24E-10	7.20E-11	7.11E-11	6.45E-11	2.94E-11	2.86E-11	1.38E-12	3.32E-11	7.34E-12	9.65E-12	1.53E-11	2.70E-12	1.50E-11	8.46E-11
5103	475363.09	3864377.25	1.25E-07	1.24E-07	1.20E-07	4.34E-11	1.31E-10	7.58E-11	7.48E-11	6.78E-11	3.10E-11	3.01E-11	1.45E-12	3.50E-11	7.72E-12	1.02E-11	1.61E-11	2.84E-12	1.58E-11	8.91E-11
5104	475863.09	3864377.25	1.33E-07	1.31E-07	1.27E-07	4.59E-11	1.39E-10	8.02E-11	7.92E-11	7.18E-11	3.28E-11	3.18E-11	1.53E-12	3.70E-11	8.17E-12	1.08E-11	1.71E-11	3.01E-12	1.67E-11	9.42E-11
5105	476363.09	3864377.25	1.41E-07	1.39E-07	1.35E-07	4.89E-11	1.48E-10	8.55E-11	8.44E-11	7.65E-11	3.49E-11	3.39E-11	1.63E-12	3.95E-11	8.71E-12	1.15E-11	1.82E-11	3.20E-12	1.78E-11	1.00E-10
5106	476863.09	3864377.25	1.51E-07	1.49E-07	1.45E-07	5.22E-11	1.58E-10	9.13E-11	9.01E-11	8.16E-11	3.73E-11	3.62E-11	1.74E-12	4.21E-11	9.29E-12	1.22E-11	1.94E-11	3.42E-12	1.90E-11	1.07E-10
5107	477363.09	3864377.25	1.61E-07	1.59E-07	1.54E-07	5.56E-11	1.68E-10	9.72E-11	9.60E-11	8.70E-11	3.97E-11	3.85E-11	1.86E-12	4.49E-11	9.90E-12	1.30E-11	2.07E-11	3.64E-12	2.02E-11	1.14E-10
5108	477863.09	3864377.25	1.70E-07	1.67E-07	1.63E-07	5.87E-11	1.77E-10	1.03E-10	1.01E-10	9.18E-11	4.19E-11	4.07E-11	1.96E-12	4.73E-11	1.04E-11	1.37E-11	2.18E-11	3.84E-12	2.13E-11	1.21E-10
5109	478363.09	3864377.25	1.76E-07	1.74E-07	1.68E-07	6.09E-11	1.84E-10	1.06E-10	1.05E-10	9.52E-11	4.34E-11	4.22E-11	2.03E-12	4.91E-11	1.08E-11	1.43E-11	2.26E-11	3.99E-12	2.21E-11	1.25E-10
5110	478863.09	3864377.25	1.78E-07	1.76E-07	1.71E-07	6.17E-11	1.86E-10	1.08E-10	1.06E-10	9.65E-11	4.40E-11	4.28E-11	2.06E-12	4.98E-11	1.10E-11	1.45E-11	2.29E-11	4.04E-12	2.24E-11	1.27E-10
5111	479363.09	3864377.25	1.77E-07	1.75E-07	1.70E-07	6.14E-11	1.85E-10	1.07E-10	1.06E-10	9.60E-11	4.38E-11	4.25E-11	2.05E-12	4.95E-11	1.09E-11	1.44E-11	2.28E-11	4.02E-12	2.23E-11	1.26E-10
5112	479863.09	3864377.25	1.76E-07	1.74E-07	1.69E-07	6.11E-11	1.84E-10	1.07E-10	1.05E-10	9.55E-11	4.36E-11	4.23E-11	2.04E-12	4.93E-11	1.09E-11	1.43E-11	2.27E-11	4.00E-12	2.22E-11	1.25E-10
5113	480363.09	3864377.25	1.79E-07	1.76E-07	1.71E-07	6.18E-11	1.87E-10	1.08E-10	1.07E-10	9.67E-11	4.41E-11	4.28E-11	2.06E-12	4.99E-11	1.10E-11	1.45E-11	2.30E-11	4.05E-12	2.25E-11	1.27E-10
5114	480863.09	3864377.25	1.85E-07	1.83E-07	1.77E-07	6.41E-11	1.93E-10	1.12E-10	1.11E-10	1.00E-10	4.57E-11	4.44E-11	2.14E-12	5.17E-11	1.14E-11	1.50E-11	2.38E-11	4.19E-12	2.33E-11	1.32E-10
5115	481363.09	3864377.25	1.96E-07	1.93E-07	1.88E-07	6.78E-11	2.05E-10	1.18E-10	1.17E-10	1.06E-10	4.83E-11	4.69E-11	2.26E-12	5.46E-11	1.21E-11	1.59E-11	2.52E-11	4.44E-12	2.46E-11	1.39E-10
5116	481863.09	3864377.25	2.08E-07	2.06E-07	2.00E-07	7.22E-11	2.18E-10	1.26E-10	1.24E-10	1.13E-10	5.15E-11	5.00E-11	2.41E-12	5.82E-11	1.28E-11	1.69E-11	2.68E-11	4.73E-12	2.62E-11	1.48E-10
5117	482363.09	3864377.25	2.21E-07	2.19E-07	2.12E-07	7.67E-11	2.32E-10	1.34E-10	1.32E-10	1.20E-10	5.47E-11	5.31E-11	2.56E-12	6.18E-11	1.36E-11	1.80E-11	2.85E-11	5.02E-12	2.79E-11	1.57E-10
5118	482863.09	3864377.25	2.34E-07	2.31E-07	2.24E-07	8.10E-11	2.45E-10	1.42E-10	1.40E-10	1.27E-10	5.78E-11	5.61E-11	2.70E-12	6.53E-11	1.44E-11	1.90E-11	3.01E-11	5.30E-12	2.95E-11	1.66E-10
5119	483363.09	3864377.25	2.46E-07	2.42E-07	2.35E-07	8.50E-11	2.57E-10	1.49E-10	1.47E-10	1.33E-10	6.07E-11	5.89E-11	2.84E-12	6.86E-11	1.51E-11	1.99E-11	3.16E-11	5.57E-12	3.09E-11	1.75E-10
5120	483863.09	3864377.25	2.59E-07	2.56E-07	2.48E-07	8.96E-11	2.71E-10	1.57E-10	1.55E-10	1.40E-10	6.40E-11	6.21E-11	2.99E-12	7.23E-11	1.60E-11	2.10E-11	3.33E-11	5.87E-12	3.26E-11	1.84E-10
5121	484363.09	3864377.25	2.80E-07	2.76E-07	2.68E-07	9.68E-11	2.92E-10	1.69E-10	1.67E-10	1.51E-10	6.90E-11	6.70E-11	3.23E-12	7.80E-11	1.72E-11	2.27E-11	3.60E-11	6.34E-12	3.52E-11	1.99E-10
5122	484863.09	3864377.25	3.03E-07	2.99E-07	2.90E-07	1.05E-10	3.16E-10	1.83E-10	1.81E-10	1.64E-10	7.48E-11	7.26E-11	3.50E-12	8.45E-11	1.86E-11	2.45E-11	3.89E-11	6.86E-12	3.81E-11	2.15E-10
5123	485363.09	3864377.25	3.26E-07	3.21E-07	3.12E-07	1.13E-10	3.40E-10	1.97E-10	1.94E-10	1.76E-10	8.04E-11	7.81E-11	3.76E-12	9.09E-11	2.01E-11	2.64E-11	4.19E-11	7.38E-12	4.10E-11	2.31E-10
5124	485863.09	3864377.25	3.48E-07	3.44E-07	3.34E-07	1.21E-10	3.64E-10	2.11E-10	2.08E-10	1.89E-10	8.61E-11	8.36E-11	4.03E-12	9.73E-11	2.15E-11	2.83E-11	4.48E-11	7.90E-12	4.39E-11	2.48E-10
5125	486363.09	3864377.25	3.67E-07	3.62E-07	3.52E-07	1.27E-10	3.84E-10	2.22E-10	2.19E-10	1.99E-10	9.07E-11	8.81E-11	4.25E-12	1.03E-10	2.26E-11	2.98E-11	4.72E-11	8.32E-12	4.62E-11	2.61E-10
5126	486863.09	3864377.25	3.83E-07	3.78E-07	3.67E-07	1.32E-10	4.00E-10	2.32E-10	2.29E-10	2.07E-10	9.45E-11	9.18E-11	4.42E-12	1.07E-10	2.36E-11	3.10E-11	4.92E-11	8.68E-12	4.82E-11	2.72E-10
5127	487363.09	3864377.25	3.99E-07	3.94E-07	3.83E-07	1.38E-10	4.17E-10	2.42E-10	2.39E-10	2.16E-10	9.87E-11	9.58E-11	4.62E-12	1.12E-10	2.46E-11	3.24E-11	5.14E-11	9.05E-12	5.03E-11	2.84E-10
5128	487863.09	3864377.25	4.25E-07	4.20E-07	4.08E-07	1.47E-10	4.45E-10	2.57E-10	2.54E-10	2.30E-10	1.05E-10	1.02E-10	4.92E-12	1.19E-10	2.62E-11	3.45E-11	5.47E-11	9.64E-12	5.35E-11	3.02E-10
5129	488363.09	3864377.25	4.36E-07	4.31E-07	4.18E-07	1.51E-10	4.56E-10	2.64E-10	2.60E-10	2.36E-10	1.08E-10	1.05E-10	5.04E-12	1.22E-10	2.69E-11	3.54E-11	5.61E-11	9.89E-12	5.49E-11	3.10E-10
5130	488863.09	3864377.25	4.41E-07	4.35E-07	4.23E-07	1.53E-10	4.61E-10	2.67E-10	2.63E-10	2.39E-10	1.09E-10	1.06E-10	5.10E-12	1.23E-10	2.72E-11	3.57E-11	5.67E-11	9.99E-12	5.55E-11	3.13E-10
5131	489363.09	3864377.25	4.26E-07	4.21E-07	4.09E-07	1.48E-10	4.46E-10	2.58E-10	2.55E-10	2.31E-10	1.05E-10	1.02E-10	4.93E-12	1.19E-10	2.63E-11	3.46E-11	5.49E-11	9.67E-12	5.37E-11	3.03E-10
5132	489863.09	3864377.25	4.30E-07	4.25E-07	4.12E-07	1.49E-10	4.50E-10	2.60E-10	2.57E-10	2.33E-10	1.06E-10	1.03E-10	4.97E-12	1.20E-10	2.65E-11	3.49E-11	5.53E-11	9.75E-12	5.42E-11	3.06E-10
5133	490363.09	3864377.25	4.33E-07	4.27E-07	4.15E-07	1.50E-10	4.52E-10	2.62E-10	2.58E-10	2.34E-10	1.07E-10	1.04E-10	5.00E-12	1.21E-10	2.67E-11	3.51E-11	5.56E-11	9.81E-12	5.45E-11	3.07E-10
5134	490863.09	3864377.25	4.30E-07	4.25E-07	4.12E-07	1.49E-10	4.50E-10	2.60E-10	2.57E-10	2.33E-10	1.06E-10	1.03E-10	4.97E-12	1.20E-10	2.65E-11	3.49E-11	5.53E-11	9.75E-12	5.42E-11	3.06E-10

5135	491363.09	3864377.25	4.25E-07	4.20E-07	4.08E-07	1.47E-10	4.45E-10	2.57E-10	2.54E-10	2.30E-10	1.05E-10	1.02E-10	4.92E-12	1.19E-10	2.62E-11	3.45E-11	5.47E-11	9.64E-12	5.35E-11	3.02E-10
5136	491863.09	3864377.25	1.81E-07	1.79E-07	1.73E-07	6.26E-11	1.89E-10	1.09E-10	1.08E-10	9.79E-11	4.47E-11	4.34E-11	2.09E-12	5.05E-11	1.11E-11	1.47E-11	2.33E-11	4.10E-12	2.28E-11	1.29E-10
5137	492363.09	3864377.25	3.41E-07	3.36E-07	3.26E-07	1.18E-10	3.56E-10	2.06E-10	2.03E-10	1.84E-10	8.41E-11	8.17E-11	3.94E-12	9.51E-11	2.10E-11	2.76E-11	4.38E-11	7.72E-12	4.29E-11	2.42E-10
5138	492863.09	3864377.25	2.26E-07	2.23E-07	2.17E-07	7.82E-11	2.36E-10	1.37E-10	1.35E-10	1.22E-10	5.58E-11	5.42E-11	2.61E-12	6.31E-11	1.39E-11	1.83E-11	2.91E-11	5.12E-12	2.85E-11	1.61E-10
5139	493363.09	3864377.25	3.27E-07	3.22E-07	3.13E-07	1.13E-10	3.41E-10	1.98E-10	1.95E-10	1.77E-10	8.07E-11	7.83E-11	3.77E-12	9.12E-11	2.01E-11	2.65E-11	4.20E-11	7.40E-12	4.11E-11	2.32E-10
5140	493863.09	3864377.25	3.72E-07	3.67E-07	3.56E-07	1.29E-10	3.88E-10	2.25E-10	2.22E-10	2.01E-10	9.18E-11	8.91E-11	4.29E-12	1.04E-10	2.29E-11	3.01E-11	4.78E-11	8.42E-12	4.68E-11	2.64E-10
5141	494363.09	3864377.25	3.87E-07	3.82E-07	3.71E-07	1.34E-10	4.05E-10	2.34E-10	2.31E-10	2.10E-10	9.57E-11	9.29E-11	4.48E-12	1.08E-10	2.39E-11	3.14E-11	4.98E-11	8.78E-12	4.88E-11	2.75E-10
5142	494863.09	3864377.25	4.03E-07	3.98E-07	3.87E-07	1.40E-10	4.22E-10	2.44E-10	2.41E-10	2.18E-10	9.96E-11	9.67E-11	4.66E-12	1.13E-10	2.48E-11	3.27E-11	5.19E-11	9.14E-12	5.08E-11	2.87E-10
5143	495363.09	3864377.25	3.99E-07	3.94E-07	3.83E-07	1.38E-10	4.17E-10	2.42E-10	2.39E-10	2.16E-10	9.87E-11	9.58E-11	4.62E-12	1.12E-10	2.46E-11	3.24E-11	5.14E-11	9.05E-12	5.03E-11	2.84E-10
5144	495863.09	3864377.25	3.89E-07	3.84E-07	3.72E-07	1.35E-10	4.06E-10	2.35E-10	2.32E-10	2.10E-10	9.60E-11	9.32E-11	4.49E-12	1.08E-10	2.39E-11	3.15E-11	5.00E-11	8.81E-12	4.89E-11	2.76E-10
5145	496363.09	3864377.25	3.79E-07	3.75E-07	3.64E-07	1.31E-10	3.97E-10	2.30E-10	2.27E-10	2.05E-10	9.37E-11	9.10E-11	4.39E-12	1.06E-10	2.34E-11	3.08E-11	4.88E-11	8.60E-12	4.78E-11	2.70E-10
5146	496863.09	3864377.25	3.72E-07	3.67E-07	3.56E-07	1.29E-10	3.89E-10	2.25E-10	2.22E-10	2.01E-10	9.18E-11	8.92E-11	4.30E-12	1.04E-10	2.29E-11	3.01E-11	4.78E-11	8.43E-12	4.68E-11	2.64E-10
5147	497363.09	3864377.25	3.62E-07	3.57E-07	3.47E-07	1.25E-10	3.78E-10	2.19E-10	2.16E-10	1.96E-10	8.94E-11	8.68E-11	4.18E-12	1.01E-10	2.23E-11	2.94E-11	4.66E-11	8.21E-12	4.56E-11	2.57E-10
5148	497863.09	3864377.25	3.59E-07	3.54E-07	3.44E-07	1.24E-10	3.75E-10	2.17E-10	2.14E-10	1.94E-10	8.87E-11	8.61E-11	4.15E-12	1.00E-10	2.21E-11	2.91E-11	4.62E-11	8.14E-12	4.52E-11	2.55E-10
5149	498363.09	3864377.25	3.49E-07	3.44E-07	3.34E-07	1.21E-10	3.65E-10	2.11E-10	2.08E-10	1.89E-10	8.62E-11	8.37E-11	4.03E-12	9.74E-11	2.15E-11	2.83E-11	4.49E-11	7.91E-12	4.39E-11	2.48E-10
5150	471363.09	3864877.25	8.95E-08	8.84E-08	8.58E-08	3.10E-11	9.36E-11	5.42E-11	5.35E-11	4.85E-11	2.21E-11	2.15E-11	1.03E-12	2.50E-11	5.52E-12	7.26E-12	1.15E-11	2.03E-12	1.13E-11	6.36E-11
5151	471863.09	3864877.25	9.25E-08	9.13E-08	8.87E-08	3.20E-11	9.67E-11	5.60E-11	5.53E-11	5.01E-11	2.29E-11	2.22E-11	1.07E-12	2.58E-11	5.70E-12	7.50E-12	1.19E-11	2.10E-12	1.16E-11	6.58E-11
5152	472363.09	3864877.25	9.55E-08	9.43E-08	9.15E-08	3.31E-11	9.98E-11	5.78E-11	5.70E-11	5.17E-11	2.36E-11	2.29E-11	1.10E-12	2.67E-11	5.89E-12	7.74E-12	1.23E-11	2.17E-12	1.20E-11	6.79E-11
5153	472863.09	3864877.25	9.86E-08	9.74E-08	9.45E-08	3.41E-11	1.03E-10	5.97E-11	5.89E-11	5.34E-11	2.44E-11	2.37E-11	1.14E-12	2.75E-11	6.08E-12	8.00E-12	1.27E-11	2.24E-12	1.24E-11	7.01E-11
5154	473363.09	3864877.25	1.02E-07	1.01E-07	9.82E-08	3.55E-11	1.07E-10	6.20E-11	6.12E-11	5.54E-11	2.53E-11	2.46E-11	1.18E-12	2.86E-11	6.31E-12	8.30E-12	1.32E-11	2.32E-12	1.29E-11	7.28E-11
5155	473863.09	3864877.25	1.07E-07	1.05E-07	1.02E-07	3.69E-11	1.12E-10	6.46E-11	6.37E-11	5.78E-11	2.64E-11	2.56E-11	1.23E-12	2.98E-11	6.57E-12	8.65E-12	1.37E-11	2.42E-12	1.34E-11	7.58E-11
5156	474363.09	3864877.25	1.12E-07	1.11E-07	1.07E-07	3.88E-11	1.17E-10	6.78E-11	6.69E-11	6.07E-11	2.77E-11	2.69E-11	1.30E-12	3.13E-11	6.90E-12	9.08E-12	1.44E-11	2.54E-12	1.41E-11	7.96E-11
5157	474863.09	3864877.25	1.18E-07	1.17E-07	1.13E-07	4.09E-11	1.24E-10	7.16E-11	7.06E-11	6.40E-11	2.92E-11	2.84E-11	1.37E-12	3.30E-11	7.29E-12	9.59E-12	1.52E-11	2.68E-12	1.49E-11	8.41E-11
5158	475363.09	3864877.25	1.26E-07	1.24E-07	1.20E-07	4.35E-11	1.31E-10	7.61E-11	7.51E-11	6.81E-11	3.11E-11	3.02E-11	1.45E-12	3.51E-11	7.75E-12	1.02E-11	1.62E-11	2.85E-12	1.58E-11	8.93E-11
5159	475863.09	3864877.25	1.34E-07	1.32E-07	1.28E-07	4.63E-11	1.40E-10	8.09E-11	7.99E-11	7.24E-11	3.30E-11	3.21E-11	1.55E-12	3.74E-11	8.24E-12	1.08E-11	1.72E-11	3.03E-12	1.68E-11	9.51E-11
5160	476363.09	3864877.25	1.42E-07	1.40E-07	1.36E-07	4.92E-11	1.49E-10	8.60E-11	8.49E-11	7.69E-11	3.51E-11	3.41E-11	1.64E-12	3.97E-11	8.76E-12	1.15E-11	1.83E-11	3.22E-12	1.79E-11	1.01E-10
5161	476863.09	3864877.25	1.50E-07	1.48E-07	1.44E-07	5.19E-11	1.57E-10	9.07E-11	8.95E-11	8.12E-11	3.70E-11	3.60E-11	1.73E-12	4.19E-11	9.24E-12	1.22E-11	1.93E-11	3.40E-12	1.89E-11	1.07E-10
5162	477363.09	3864877.25	1.55E-07	1.53E-07	1.48E-07	5.36E-11	1.62E-10	9.36E-11	9.24E-11	8.38E-11	3.82E-11	3.71E-11	1.79E-12	4.32E-11	9.53E-12	1.25E-11	1.99E-11	3.51E-12	1.95E-11	1.10E-10
5163	477863.09	3864877.25	1.57E-07	1.55E-07	1.50E-07	5.42E-11	1.64E-10	9.47E-11	9.35E-11	8.47E-11	3.87E-11	3.76E-11	1.81E-12	4.37E-11	9.65E-12	1.27E-11	2.01E-11	3.55E-12	1.97E-11	1.11E-10
5164	478363.09	3864877.25	1.56E-07	1.54E-07	1.49E-07	5.39E-11	1.63E-10	9.42E-11	9.29E-11	8.43E-11	3.84E-11	3.73E-11	1.80E-12	4.35E-11	9.59E-12	1.26E-11	2.00E-11	3.53E-12	1.96E-11	1.11E-10
5165	478863.09	3864877.25	1.54E-07	1.52E-07	1.48E-07	5.34E-11	1.61E-10	9.33E-11	9.21E-11	8.35E-11	3.81E-11	3.70E-11	1.78E-12	4.31E-11	9.50E-12	1.25E-11	1.98E-11	3.50E-12	1.94E-11	1.10E-10
5166	479363.09	3864877.25	1.54E-07	1.52E-07	1.48E-07	5.34E-11	1.61E-10	9.34E-11	9.22E-11	8.35E-11	3.81E-11	3.70E-11	1.78E-12	4.31E-11	9.51E-12	1.25E-11	1.99E-11	3.50E-12	1.94E-11	1.10E-10
5167	479863.09	3864877.25	1.58E-07	1.56E-07	1.52E-07	5.48E-11	1.66E-10	9.58E-11	9.46E-11	8.57E-11	3.91E-11	3.80E-11	1.83E-12	4.42E-11	9.76E-12	1.28E-11	2.04E-11	3.59E-12	1.99E-11	1.13E-10
5168	480363.09	3864877.25	1.67E-07	1.64E-07	1.60E-07	5.77E-11	1.74E-10	1.01E-10	9.95E-11	9.02E-11	4.11E-11	4.00E-11	1.93E-12	4.65E-11	1.03E-11	1.35E-11	2.14E-11	3.78E-12	2.10E-11	1.18E-10
5169	480863.09	3864877.25	1.76E-07	1.74E-07	1.69E-07	6.10E-11	1.84E-10	1.07E-10	1.05E-10	9.54E-11	4.35E-11	4.23E-11	2.04E-12	4.92E-11	1.09E-11	1.43E-11	2.27E-11	3.99E-12	2.22E-11	1.25E-10
5170	481363.09	3864877.25	1.86E-07	1.84E-07	1.78E-07	6.45E-11	1.95E-10	1.13E-10	1.11E-10	1.01E-10	4.60E-11	4.47E-11	2.15E-12	5.20E-11	1.15E-11	1.51E-11	2.40E-11	4.22E-12	2.34E-11	1.32E-10
5171	481863.09	3864877.25	1.96E-07	1.93E-07	1.88E-07	6.78E-11	2.05E-10	1.18E-10	1.17E-10	1.06E-10	4.83E-11	4.69E-11	2.26E-12	5.46E-11	1.21E-11	1.59E-11	2.52E-11	4.44E-12	2.46E-11	1.39E-10
5172	482363.09	3864877.25	2.05E-07	2.03E-07	1.97E-07	7.11E-11	2.15E-10	1.24E-10	1.23E-10	1.11E-10	5.07E-11	4.93E-11	2.37E-12	5.73E-11	1.27E-11	1.66E-11	2.64E-11	4.65E-12	2.59E-11	1.46E-10
5173	482863.09	3864877.25	2.15E-07	2.12E-07	2.06E-07	7.43E-11	2.24E-10	1.30E-10	1.28E-10	1.16E-10	5.30E-11	5.15E-11	2.48E-12	6.00E-11	1.32E-11	1.74E-11	2.76E-11	4.87E-12	2.70E-11	1.53E-10
5174	483363.09	3864877.25	2.25E-07	2.22E-07	2.16E-07	7.80E-11	2.35E-10	1.36E-10	1.35E-10	1.22E-10	5.56E-11	5.40E-11	2.60E-12	6.29E-11	1.39E-11	1.83E-11	2.90E-11	5.11E-12	2.84E-11	1.60E-10
5175	483863.09	3864877.25	2.41E-07	2.38E-07	2.31E-07	8.34E-11	2.52E-10	1.46E-10	1.44E-10	1.30E-10	5.95E-11	5.78E-11	2.78E-12	6.73E-11	1.48E-11	1.95E-11	3.10E-11	5.46E-12	3.03E-11	1.71E-10
5176	484363.09	3864877.25	2.61E-07	2.57E-07	2.50E-07	9.02E-11	2.72E-10	1.58E-10	1.56E-10	1.41E-10	6.44E-11	6.25E-11	3.01E-12	7.28E-11	1.61E-11	2.11E-11	3.35E-11	5.91E-12	3.28E-11	1.85E-10
5177	484863.09	3864877.25	2.79E-07	2.75E-07	2.68E-07	9.66E-11	2.92E-10	1.69E-10	1.67E-10	1.51E-10	6.89E-11	6.70E-11	3.23E-12	7.79E-11	1.72E-11	2.26E-11	3.59E-11	6.33E-12	3.51E-11	1.98E-10
5178	485363.09	3864877.25	2.98E-07	2.94E-07	2.85E-07	1.03E-10	3.11E-10	1.80E-10	1.78E-10	1.61E-10	7.35E-11	7.14E-11	3.44E-12	8.31E-11	1.83E-11	2.41E-11	3.83E-11	6.75E-12	3.75E-11	2.12E-10
5179	485863.09	3864877.25	3.11E-07	3.07E-07	2.98E-07	1.08E-10	3.25E-10	1.88E-10	1.86E-10	1.68E-10	7.68E-11	7.45E-11	3.59E-12	8.68E-11	1.91E-11	2.52E-11	4.00E-11	7.04E-12	3.91E-11	2.21E-10
5180	486363.09	3864877.25	3.23E-07	3.18E-07	3.09E-07	1.12E-10	3.37E-10	1.95E-10	1.93E-10	1.75E-10	7.97E-11	7.74E-11	3.73E-12	9.01E-11	1.99E-11	2.62E-11	4.15E-11	7.31E-12	4.06E-11	2.29E-10
5181	486863.09	3864877.25	3.32E-07	3.28E-07	3.19E-07	1.15E-10	3.48E-10	2.01E-10	1.99E-10	1.80E-10	8.21E-11	7.98E-11	3.84E-12	9.28E-11	2.05E-11	2.70E-11	4.28E-11	7.54E-12	4.19E-11	2.36E-10
5182	487363.09	3864877.25	3.47E-07	3.42E-07	3.32E-07	1.20E-10	3.62E-10	2.10E-10	2.07E-10	1.88E-10	8.56E-11	8.32E-11	4.01E-12	9.68E-11	2.14E-11	2.81E-11	4.46E-11	7.86E-12	4.36E-11	2.46E-10
5183	487863.09	3864877.25	3.63E-07	3.58E-07	3.48E-07	1.26E-10	3.79E-10	2.20E-10	2.17E-10	1.96E-10	8.97E-11	8.71E-11	4.20E-12	1.01E-10	2.24E-11	2.94E-11	4.67E-11	8.23E-12	4.57E-11	2.58E-10
5184	488363.09	3864877.25	3.62E-07	3.57E-07	3.46E-07	1.25E-10	3.78E-10	2.19E-10	2.16E-10	1.96E-10	8.93E-11	8.67E-11	4.18E-12	1.01E-10	2.23E-11	2.93E-11	4.65E-11	8.19E-12	4.55E-11	2.57E-10
5185	488863.09	3864877.25	3.61E-07	3.57E-07	3.46E-07	1.25E-10	3.78E-10	2.19E-10	2.16E-10	1.96E-10	8.93E-11	8.67E-11	4.18E-12	1.01E-10	2.23E-11	2.93E-11	4.65E-11	8.19E-12	4.55E-11	2.57E-10
5186	489363.09	3864877.25	3.52E-07	3.48E-07	3.38E-07	1.22E-10	3.68E-10	2.13E-10	2.10E-10	1.91E-10	8.70E-11	8.45E-11	4.07E-12	9.84E-11	2.17E-11	2.86E-11	4.53E-11	7.99E-12	4.44E-11	2.50E-10
5187	489863.09	3864877.25	3.51E-07	3.47E-07	3.37E-07	1.22E-10	3.67E-10	2.13E-10	2.10E-10	1.90E-10	8.68E-11	8.43E-11	4.06E-12	9.81E-11	2.16E-11	2.85E-11	4.52E-11	7.96E-12	4.42E-11	2.50E-10

5188	490363.09	3864877.25	3.54E-07	3.49E-07	3.39E-07	1.22E-10	3.70E-10	2.14E-10	2.11E-10	1.92E-10	8.74E-11	8.49E-11	4.09E-12	9.88E-11	2.18E-11	2.87E-11	4.55E-11	8.02E-12	4.45E-11	2.51E-10
5189	490863.09	3864877.25	3.38E-07	3.34E-07	3.24E-07	1.17E-10	3.54E-10	2.05E-10	2.02E-10	1.83E-10	8.35E-11	8.11E-11	3.91E-12	9.44E-11	2.08E-11	2.74E-11	4.35E-11	7.67E-12	4.26E-11	2.40E-10
5190	491363.09	3864877.25	3.52E-07	3.47E-07	3.37E-07	1.22E-10	3.68E-10	2.13E-10	2.10E-10	1.90E-10	8.69E-11	8.44E-11	4.07E-12	9.82E-11	2.17E-11	2.85E-11	4.52E-11	7.97E-12	4.43E-11	2.50E-10
5191	491863.09	3864877.25	3.18E-07	3.14E-07	3.04E-07	1.10E-10	3.32E-10	1.92E-10	1.90E-10	1.72E-10	7.85E-11	7.62E-11	3.67E-12	8.87E-11	1.96E-11	2.58E-11	4.09E-11	7.20E-12	4.00E-11	2.26E-10
5192	492363.09	3864877.25	9.46E-08	9.34E-08	9.07E-08	3.27E-11	9.89E-11	5.72E-11	5.65E-11	5.12E-11	2.34E-11	2.27E-11	1.09E-12	2.64E-11	5.83E-12	7.67E-12	1.22E-11	2.14E-12	1.19E-11	6.72E-11
5193	492863.09	3864877.25	1.37E-07	1.36E-07	1.32E-07	4.76E-11	1.44E-10	8.31E-11	8.21E-11	7.44E-11	3.39E-11	3.30E-11	1.59E-12	3.84E-11	8.47E-12	1.11E-11	1.77E-11	3.12E-12	1.73E-11	9.77E-11
5194	493363.09	3864877.25	1.33E-07	1.32E-07	1.28E-07	4.62E-11	1.39E-10	8.07E-11	7.97E-11	7.22E-11	3.29E-11	3.20E-11	1.54E-12	3.72E-11	8.22E-12	1.08E-11	1.72E-11	3.02E-12	1.68E-11	9.48E-11
5195	493863.09	3864877.25	2.94E-07	2.91E-07	2.82E-07	1.02E-10	3.08E-10	1.78E-10	1.76E-10	1.59E-10	7.27E-11	7.06E-11	3.40E-12	8.22E-11	1.81E-11	2.39E-11	3.79E-11	6.67E-12	3.71E-11	2.09E-10
5196	494363.09	3864877.25	3.25E-07	3.21E-07	3.11E-07	1.12E-10	3.39E-10	1.97E-10	1.94E-10	1.76E-10	8.02E-11	7.79E-11	3.75E-12	9.07E-11	2.00E-11	2.63E-11	4.18E-11	7.36E-12	4.09E-11	2.31E-10
5197	494863.09	3864877.25	3.31E-07	3.26E-07	3.17E-07	1.14E-10	3.45E-10	2.00E-10	1.97E-10	1.79E-10	8.16E-11	7.93E-11	3.82E-12	9.23E-11	2.04E-11	2.68E-11	4.25E-11	7.49E-12	4.16E-11	2.35E-10
5198	495363.09	3864877.25	3.44E-07	3.40E-07	3.30E-07	1.19E-10	3.60E-10	2.08E-10	2.05E-10	1.86E-10	8.50E-11	8.25E-11	3.98E-12	9.61E-11	2.12E-11	2.79E-11	4.43E-11	7.80E-12	4.33E-11	2.45E-10
5199	495863.09	3864877.25	3.42E-07	3.37E-07	3.27E-07	1.18E-10	3.57E-10	2.07E-10	2.04E-10	1.85E-10	8.44E-11	8.19E-11	3.95E-12	9.54E-11	2.10E-11	2.77E-11	4.39E-11	7.74E-12	4.30E-11	2.43E-10
5200	496363.09	3864877.25	3.36E-07	3.31E-07	3.22E-07	1.16E-10	3.51E-10	2.03E-10	2.01E-10	1.82E-10	8.30E-11	8.06E-11	3.88E-12	9.38E-11	2.07E-11	2.72E-11	4.32E-11	7.61E-12	4.23E-11	2.39E-10
5201	496863.09	3864877.25	3.28E-07	3.24E-07	3.15E-07	1.14E-10	3.43E-10	1.99E-10	1.96E-10	1.78E-10	8.11E-11	7.88E-11	3.80E-12	9.17E-11	2.02E-11	2.66E-11	4.22E-11	7.45E-12	4.13E-11	2.33E-10
5202	497363.09	3864877.25	3.22E-07	3.18E-07	3.09E-07	1.12E-10	3.37E-10	1.95E-10	1.92E-10	1.74E-10	7.96E-11	7.73E-11	3.73E-12	9.00E-11	1.99E-11	2.61E-11	4.15E-11	7.31E-12	4.06E-11	2.29E-10
5203	497863.09	3864877.25	3.18E-07	3.14E-07	3.04E-07	1.10E-10	3.32E-10	1.92E-10	1.90E-10	1.72E-10	7.85E-11	7.62E-11	3.67E-12	8.87E-11	1.96E-11	2.58E-11	4.09E-11	7.20E-12	4.00E-11	2.26E-10
5204	498363.09	3864877.25	3.11E-07	3.07E-07	2.98E-07	1.08E-10	3.25E-10	1.88E-10	1.86E-10	1.68E-10	7.68E-11	7.46E-11	3.60E-12	8.68E-11	1.92E-11	2.52E-11	4.00E-11	7.05E-12	3.92E-11	2.21E-10
5205	471363.09	3865377.25	8.65E-08	8.54E-08	8.29E-08	3.00E-11	9.05E-11	5.24E-11	5.17E-11	4.68E-11	2.14E-11	2.08E-11	1.00E-12	2.42E-11	5.33E-12	7.02E-12	1.11E-11	1.96E-12	1.09E-11	6.15E-11
5206	471863.09	3865377.25	8.93E-08	8.81E-08	8.56E-08	3.09E-11	9.33E-11	5.40E-11	5.33E-11	4.83E-11	2.21E-11	2.14E-11	1.03E-12	2.49E-11	5.50E-12	7.24E-12	1.15E-11	2.02E-12	1.12E-11	6.34E-11
5207	472363.09	3865377.25	9.25E-08	9.13E-08	8.87E-08	3.20E-11	9.67E-11	5.60E-11	5.53E-11	5.01E-11	2.29E-11	2.22E-11	1.07E-12	2.58E-11	5.70E-12	7.50E-12	1.19E-11	2.10E-12	1.16E-11	6.58E-11
5208	472863.09	3865377.25	9.63E-08	9.50E-08	9.23E-08	3.33E-11	1.01E-10	5.83E-11	5.75E-11	5.21E-11	2.38E-11	2.31E-11	1.11E-12	2.69E-11	5.93E-12	7.81E-12	1.24E-11	2.18E-12	1.21E-11	6.84E-11
5209	473363.09	3865377.25	1.01E-07	9.97E-08	9.68E-08	3.50E-11	1.06E-10	6.11E-11	6.03E-11	5.47E-11	2.49E-11	2.42E-11	1.17E-12	2.82E-11	6.22E-12	8.19E-12	1.30E-11	2.29E-12	1.27E-11	7.18E-11
5210	473863.09	3865377.25	1.06E-07	1.05E-07	1.02E-07	3.68E-11	1.11E-10	6.43E-11	6.35E-11	5.76E-11	2.63E-11	2.55E-11	1.23E-12	2.97E-11	6.55E-12	8.62E-12	1.37E-11	2.41E-12	1.34E-11	7.56E-11
5211	474363.09	3865377.25	1.13E-07	1.11E-07	1.08E-07	3.90E-11	1.18E-10	6.82E-11	6.73E-11	6.10E-11	2.78E-11	2.70E-11	1.30E-12	3.15E-11	6.94E-12	9.14E-12	1.45E-11	2.55E-12	1.42E-11	8.01E-11
5212	474863.09	3865377.25	1.20E-07	1.18E-07	1.15E-07	4.15E-11	1.25E-10	7.25E-11	7.16E-11	6.49E-11	2.96E-11	2.87E-11	1.39E-12	3.35E-11	7.38E-12	9.72E-12	1.54E-11	2.72E-12	1.51E-11	8.52E-11
5213	475363.09	3865377.25	1.27E-07	1.25E-07	1.21E-07	4.39E-11	1.32E-10	7.67E-11	7.57E-11	6.86E-11	3.13E-11	3.04E-11	1.47E-12	3.54E-11	7.81E-12	1.03E-11	1.63E-11	2.87E-12	1.60E-11	9.01E-11
5214	475863.09	3865377.25	1.33E-07	1.31E-07	1.27E-07	4.60E-11	1.39E-10	8.05E-11	7.94E-11	7.20E-11	3.29E-11	3.19E-11	1.54E-12	3.71E-11	8.19E-12	1.08E-11	1.71E-11	3.01E-12	1.67E-11	9.45E-11
5215	476363.09	3865377.25	1.38E-07	1.37E-07	1.33E-07	4.79E-11	1.45E-10	8.37E-11	8.26E-11	7.49E-11	3.42E-11	3.32E-11	1.60E-12	3.86E-11	8.52E-12	1.12E-11	1.78E-11	3.14E-12	1.74E-11	9.83E-11
5216	476863.09	3865377.25	1.38E-07	1.36E-07	1.32E-07	4.77E-11	1.44E-10	8.33E-11	8.22E-11	7.45E-11	3.40E-11	3.30E-11	1.59E-12	3.84E-11	8.48E-12	1.12E-11	1.77E-11	3.12E-12	1.73E-11	9.78E-11
5217	477363.09	3865377.25	1.39E-07	1.37E-07	1.33E-07	4.82E-11	1.45E-10	8.42E-11	8.31E-11	7.53E-11	3.44E-11	3.34E-11	1.61E-12	3.88E-11	8.57E-12	1.13E-11	1.79E-11	3.15E-12	1.75E-11	9.89E-11
5218	477863.09	3865377.25	1.37E-07	1.35E-07	1.31E-07	4.73E-11	1.43E-10	8.28E-11	8.17E-11	7.40E-11	3.38E-11	3.28E-11	1.58E-12	3.82E-11	8.43E-12	1.11E-11	1.76E-11	3.10E-12	1.72E-11	9.72E-11
5219	478363.09	3865377.25	1.36E-07	1.34E-07	1.31E-07	4.72E-11	1.42E-10	8.24E-11	8.14E-11	7.38E-11	3.37E-11	3.27E-11	1.57E-12	3.80E-11	8.39E-12	1.10E-11	1.75E-11	3.09E-12	1.72E-11	9.68E-11
5220	478863.09	3865377.25	1.38E-07	1.36E-07	1.32E-07	4.78E-11	1.44E-10	8.35E-11	8.25E-11	7.47E-11	3.41E-11	3.31E-11	1.60E-12	3.86E-11	8.51E-12	1.12E-11	1.78E-11	3.13E-12	1.74E-11	9.81E-11
5221	479363.09	3865377.25	1.43E-07	1.42E-07	1.37E-07	4.96E-11	1.50E-10	8.68E-11	8.56E-11	7.76E-11	3.54E-11	3.44E-11	1.66E-12	4.00E-11	8.84E-12	1.16E-11	1.84E-11	3.25E-12	1.81E-11	1.02E-10
5222	479863.09	3865377.25	1.51E-07	1.50E-07	1.45E-07	5.24E-11	1.58E-10	9.17E-11	9.05E-11	8.20E-11	3.74E-11	3.63E-11	1.75E-12	4.23E-11	9.33E-12	1.23E-11	1.95E-11	3.43E-12	1.91E-11	1.08E-10
5223	480363.09	3865377.25	1.60E-07	1.57E-07	1.53E-07	5.52E-11	1.67E-10	9.65E-11	9.53E-11	8.64E-11	3.94E-11	3.83E-11	1.84E-12	4.45E-11	9.83E-12	1.29E-11	2.05E-11	3.62E-12	2.01E-11	1.13E-10
5224	480863.09	3865377.25	1.67E-07	1.65E-07	1.60E-07	5.79E-11	1.75E-10	1.01E-10	9.99E-11	9.05E-11	4.13E-11	4.01E-11	1.93E-12	4.67E-11	1.03E-11	1.36E-11	2.15E-11	3.79E-12	2.11E-11	1.19E-10
5225	481363.09	3865377.25	1.75E-07	1.72E-07	1.67E-07	6.05E-11	1.83E-10	1.06E-10	1.04E-10	9.45E-11	4.31E-11	4.19E-11	2.02E-12	4.88E-11	1.08E-11	1.42E-11	2.25E-11	3.96E-12	2.20E-11	1.24E-10
5226	481863.09	3865377.25	1.82E-07	1.79E-07	1.74E-07	6.29E-11	1.90E-10	1.10E-10	1.09E-10	9.84E-11	4.49E-11	4.36E-11	2.10E-12	5.08E-11	1.12E-11	1.47E-11	2.34E-11	4.12E-12	2.29E-11	1.29E-10
5227	482363.09	3865377.25	1.89E-07	1.87E-07	1.81E-07	6.55E-11	1.98E-10	1.15E-10	1.13E-10	1.02E-10	4.68E-11	4.54E-11	2.19E-12	5.29E-11	1.17E-11	1.54E-11	2.44E-11	4.29E-12	2.38E-11	1.35E-10
5228	482863.09	3865377.25	1.98E-07	1.95E-07	1.90E-07	6.85E-11	2.07E-10	1.20E-10	1.18E-10	1.07E-10	4.89E-11	4.74E-11	2.29E-12	5.52E-11	1.22E-11	1.60E-11	2.54E-11	4.48E-12	2.49E-11	1.41E-10
5229	483363.09	3865377.25	2.10E-07	2.08E-07	2.02E-07	7.28E-11	2.20E-10	1.27E-10	1.26E-10	1.14E-10	5.19E-11	5.04E-11	2.43E-12	5.87E-11	1.30E-11	1.71E-11	2.70E-11	4.77E-12	2.65E-11	1.49E-10
5230	483863.09	3865377.25	2.26E-07	2.23E-07	2.17E-07	7.84E-11	2.37E-10	1.37E-10	1.35E-10	1.23E-10	5.59E-11	5.43E-11	2.62E-12	6.32E-11	1.40E-11	1.84E-11	2.91E-11	5.13E-12	2.85E-11	1.61E-10
5231	484363.09	3865377.25	2.42E-07	2.39E-07	2.32E-07	8.37E-11	2.53E-10	1.46E-10	1.44E-10	1.31E-10	5.98E-11	5.80E-11	2.80E-12	6.75E-11	1.49E-11	1.96E-11	3.11E-11	5.48E-12	3.05E-11	1.72E-10
5232	484863.09	3865377.25	2.57E-07	2.54E-07	2.46E-07	8.90E-11	2.69E-10	1.56E-10	1.54E-10	1.39E-10	6.35E-11	6.17E-11	2.97E-12	7.18E-11	1.58E-11	2.08E-11	3.31E-11	5.83E-12	3.24E-11	1.83E-10
5233	485363.09	3865377.25	2.69E-07	2.65E-07	2.58E-07	9.31E-11	2.81E-10	1.63E-10	1.61E-10	1.46E-10	6.64E-11	6.45E-11	3.11E-12	7.51E-11	1.66E-11	2.18E-11	3.46E-11	6.09E-12	3.38E-11	1.91E-10
5234	485863.09	3865377.25	2.76E-07	2.73E-07	2.65E-07	9.57E-11	2.89E-10	1.67E-10	1.65E-10	1.50E-10	6.83E-11	6.63E-11	3.20E-12	7.72E-11	1.70E-11	2.24E-11	3.56E-11	6.27E-12	3.48E-11	1.96E-10
5235	486363.09	3865377.25	2.87E-07	2.84E-07	2.75E-07	9.95E-11	3.00E-10	1.74E-10	1.72E-10	1.56E-10	7.10E-11	6.89E-11	3.32E-12	8.02E-11	1.77E-11	2.33E-11	3.70E-11	6.51E-12	3.62E-11	2.04E-10
5236	486863.09	3865377.25	2.94E-07	2.90E-07	2.82E-07	1.02E-10	3.07E-10	1.78E-10	1.76E-10	1.59E-10	7.26E-11	7.05E-11	3.40E-12	8.21E-11	1.81E-11	2.38E-11	3.78E-11	6.67E-12	3.70E-11	2.09E-10
5237	487363.09	3865377.25	3.07E-07	3.03E-07	2.94E-07	1.06E-10	3.21E-10	1.86E-10	1.83E-10	1.66E-10	7.58E-11	7.36E-11	3.55E-12	8.57E-11	1.89E-11	2.49E-11	3.95E-11	6.96E-12	3.86E-11	2.18E-10
5238	487863.09	3865377.25	3.13E-07	3.09E-07	3.00E-07	1.08E-10	3.27E-10	1.89E-10	1.87E-10	1.69E-10	7.73E-11	7.51E-11	3.62E-12	8.74E-11	1.93E-11	2.54E-11	4.03E-11	7.10E-12	3.94E-11	2.23E-10
5239	488363.09	3865377.25	3.09E-07	3.05E-07	2.96E-07	1.07E-10	3.23E-10	1.87E-10	1.84E-10	1.67E-10	7.63E-11	7.41E-11	3.57E-12	8.63E-11	1.90E-11	2.50E-11	3.97E-11	7.00E-12	3.89E-11	2.20E-10
5240	488863.09	3865377.25	3.11E-07	3.07E-07	2.98E-07	1.08E-10	3.25E-10	1.88E-10	1.86E-10	1.68E-10	7.67E-11	7.45E-11	3.59E-12	8.67E-11	1.91E-11	2.52E-11	4.00E-11	7.04E-12	3.91E-11	2.21E-10

5241	489363.09	3865377.25	3.05E-07	3.01E-07	2.92E-07	1.06E-10	3.19E-10	1.85E-10	1.82E-10	1.65E-10	7.54E-11	7.32E-11	3.53E-12	8.52E-11	1.88E-11	2.47E-11	3.93E-11	6.92E-12	3.84E-11	2.17E-10
5242	489863.09	3865377.25	3.03E-07	3.00E-07	2.91E-07	1.05E-10	3.17E-10	1.84E-10	1.81E-10	1.64E-10	7.50E-11	7.28E-11	3.51E-12	8.47E-11	1.87E-11	2.46E-11	3.90E-11	6.88E-12	3.82E-11	2.16E-10
5243	490363.09	3865377.25	2.94E-07	2.90E-07	2.81E-07	1.02E-10	3.07E-10	1.78E-10	1.75E-10	1.59E-10	7.25E-11	7.04E-11	3.39E-12	8.20E-11	1.81E-11	2.38E-11	3.78E-11	6.66E-12	3.70E-11	2.09E-10
5244	490863.09	3865377.25	2.89E-07	2.85E-07	2.77E-07	1.00E-10	3.02E-10	1.75E-10	1.73E-10	1.57E-10	7.14E-11	6.94E-11	3.34E-12	8.07E-11	1.78E-11	2.34E-11	3.72E-11	6.55E-12	3.64E-11	2.05E-10
5245	491363.09	3865377.25	2.77E-07	2.74E-07	2.66E-07	9.60E-11	2.90E-10	1.68E-10	1.66E-10	1.50E-10	6.85E-11	6.65E-11	3.21E-12	7.75E-11	1.71E-11	2.25E-11	3.57E-11	6.29E-12	3.49E-11	1.97E-10
5246	491863.09	3865377.25	2.74E-07	2.70E-07	2.63E-07	9.49E-11	2.86E-10	1.66E-10	1.64E-10	1.48E-10	6.77E-11	6.57E-11	3.17E-12	7.65E-11	1.69E-11	2.22E-11	3.53E-11	6.21E-12	3.45E-11	1.95E-10
5247	492363.09	3865377.25	2.18E-07	2.15E-07	2.09E-07	7.54E-11	2.28E-10	1.32E-10	1.30E-10	1.18E-10	5.38E-11	5.22E-11	2.52E-12	6.08E-11	1.34E-11	1.77E-11	2.80E-11	4.94E-12	2.74E-11	1.55E-10
5248	492863.09	3865377.25	1.60E-07	1.58E-07	1.53E-07	5.53E-11	1.67E-10	9.67E-11	9.54E-11	8.65E-11	3.95E-11	3.83E-11	1.85E-12	4.46E-11	9.85E-12	1.30E-11	2.06E-11	3.62E-12	2.01E-11	1.14E-10
5249	493363.09	3865377.25	1.18E-07	1.16E-07	1.13E-07	4.08E-11	1.23E-10	7.13E-11	7.04E-11	6.38E-11	2.91E-11	2.83E-11	1.36E-12	3.29E-11	7.26E-12	9.56E-12	1.52E-11	2.67E-12	1.48E-11	8.38E-11
5250	493863.09	3865377.25	1.99E-07	1.96E-07	1.90E-07	6.88E-11	2.08E-10	1.20E-10	1.19E-10	1.08E-10	4.91E-11	4.77E-11	2.30E-12	5.55E-11	1.22E-11	1.61E-11	2.56E-11	4.50E-12	2.50E-11	1.41E-10
5251	494363.09	3865377.25	2.65E-07	2.62E-07	2.54E-07	9.19E-11	2.77E-10	1.61E-10	1.59E-10	1.44E-10	6.56E-11	6.37E-11	3.07E-12	7.41E-11	1.64E-11	2.15E-11	3.41E-11	6.02E-12	3.34E-11	1.89E-10
5252	494863.09	3865377.25	2.79E-07	2.75E-07	2.68E-07	9.66E-11	2.92E-10	1.69E-10	1.67E-10	1.51E-10	6.89E-11	6.70E-11	3.23E-12	7.79E-11	1.72E-11	2.26E-11	3.59E-11	6.33E-12	3.51E-11	1.98E-10
5253	495363.09	3865377.25	2.85E-07	2.82E-07	2.74E-07	9.88E-11	2.98E-10	1.73E-10	1.70E-10	1.54E-10	7.05E-11	6.85E-11	3.30E-12	7.97E-11	1.76E-11	2.31E-11	3.67E-11	6.47E-12	3.59E-11	2.03E-10
5254	495863.09	3865377.25	3.00E-07	2.96E-07	2.87E-07	1.04E-10	3.13E-10	1.81E-10	1.79E-10	1.62E-10	7.40E-11	7.19E-11	3.46E-12	8.37E-11	1.85E-11	2.43E-11	3.85E-11	6.79E-12	3.77E-11	2.13E-10
5255	496363.09	3865377.25	2.99E-07	2.95E-07	2.86E-07	1.03E-10	3.12E-10	1.81E-10	1.78E-10	1.62E-10	7.37E-11	7.16E-11	3.45E-12	8.34E-11	1.84E-11	2.42E-11	3.84E-11	6.77E-12	3.76E-11	2.12E-10
5256	496863.09	3865377.25	2.92E-07	2.88E-07	2.80E-07	1.01E-10	3.05E-10	1.77E-10	1.74E-10	1.58E-10	7.22E-11	7.01E-11	3.38E-12	8.16E-11	1.80E-11	2.37E-11	3.76E-11	6.62E-12	3.68E-11	2.08E-10
5257	497363.09	3865377.25	2.87E-07	2.84E-07	2.75E-07	9.95E-11	3.00E-10	1.74E-10	1.72E-10	1.56E-10	7.10E-11	6.89E-11	3.32E-12	8.02E-11	1.77E-11	2.33E-11	3.70E-11	6.51E-12	3.62E-11	2.04E-10
5258	497863.09	3865377.25	2.83E-07	2.79E-07	2.71E-07	9.79E-11	2.96E-10	1.71E-10	1.69E-10	1.53E-10	6.99E-11	6.79E-11	3.27E-12	7.90E-11	1.74E-11	2.29E-11	3.64E-11	6.41E-12	3.56E-11	2.01E-10
5259	498363.09	3865377.25	2.80E-07	2.77E-07	2.69E-07	9.71E-11	2.93E-10	1.70E-10	1.67E-10	1.52E-10	6.93E-11	6.73E-11	3.24E-12	7.83E-11	1.73E-11	2.27E-11	3.61E-11	6.36E-12	3.53E-11	1.99E-10
5260	471363.09	3865877.25	8.42E-08	8.31E-08	8.07E-08	2.91E-11	8.80E-11	5.09E-11	5.03E-11	4.56E-11	2.08E-11	2.02E-11	9.73E-13	2.35E-11	5.19E-12	6.83E-12	1.08E-11	1.91E-12	1.06E-11	5.98E-11
5261	471863.09	3865877.25	8.76E-08	8.64E-08	8.39E-08	3.03E-11	9.15E-11	5.30E-11	5.23E-11	4.74E-11	2.16E-11	2.10E-11	1.01E-12	2.45E-11	5.40E-12	7.10E-12	1.13E-11	1.99E-12	1.10E-11	6.22E-11
5262	472363.09	3865877.25	9.16E-08	9.04E-08	8.78E-08	3.17E-11	9.58E-11	5.54E-11	5.47E-11	4.96E-11	2.26E-11	2.20E-11	1.06E-12	2.56E-11	5.64E-12	7.43E-12	1.18E-11	2.08E-12	1.15E-11	6.51E-11
5263	472863.09	3865877.25	9.64E-08	9.52E-08	9.24E-08	3.34E-11	1.01E-10	5.83E-11	5.76E-11	5.22E-11	2.38E-11	2.31E-11	1.11E-12	2.69E-11	5.94E-12	7.82E-12	1.24E-11	2.19E-12	1.21E-11	6.85E-11
5264	473363.09	3865877.25	1.02E-07	1.01E-07	9.78E-08	3.53E-11	1.07E-10	6.17E-11	6.09E-11	5.52E-11	2.52E-11	2.45E-11	1.18E-12	2.85E-11	6.29E-12	8.27E-12	1.31E-11	2.31E-12	1.28E-11	7.25E-11
5265	473863.09	3865877.25	1.08E-07	1.07E-07	1.04E-07	3.74E-11	1.13E-10	6.54E-11	6.46E-11	5.85E-11	2.67E-11	2.59E-11	1.25E-12	3.02E-11	6.66E-12	8.77E-12	1.39E-11	2.45E-12	1.36E-11	7.69E-11
5266	474363.09	3865877.25	1.14E-07	1.13E-07	1.10E-07	3.96E-11	1.19E-10	6.91E-11	6.82E-11	6.19E-11	2.82E-11	2.74E-11	1.32E-12	3.19E-11	7.04E-12	9.26E-12	1.47E-11	2.59E-12	1.44E-11	8.12E-11
5267	474863.09	3865877.25	1.20E-07	1.18E-07	1.15E-07	4.14E-11	1.25E-10	7.24E-11	7.15E-11	6.48E-11	2.96E-11	2.87E-11	1.38E-12	3.34E-11	7.38E-12	9.71E-12	1.54E-11	2.71E-12	1.51E-11	8.51E-11
5268	475363.09	3865877.25	1.23E-07	1.22E-07	1.18E-07	4.27E-11	1.29E-10	7.46E-11	7.36E-11	6.67E-11	3.04E-11	2.96E-11	1.42E-12	3.44E-11	7.59E-12	9.99E-12	1.59E-11	2.79E-12	1.55E-11	8.76E-11
5269	475863.09	3865877.25	1.25E-07	1.23E-07	1.20E-07	4.32E-11	1.30E-10	7.55E-11	7.45E-11	6.76E-11	3.08E-11	2.99E-11	1.44E-12	3.48E-11	7.69E-12	1.01E-11	1.61E-11	2.83E-12	1.57E-11	8.87E-11
5270	476363.09	3865877.25	1.24E-07	1.23E-07	1.19E-07	4.30E-11	1.30E-10	7.51E-11	7.41E-11	6.72E-11	3.07E-11	2.98E-11	1.44E-12	3.47E-11	7.65E-12	1.01E-11	1.60E-11	2.81E-12	1.56E-11	8.82E-11
5271	476863.09	3865877.25	1.18E-07	1.17E-07	1.13E-07	4.09E-11	1.24E-10	7.16E-11	7.06E-11	6.40E-11	2.92E-11	2.84E-11	1.37E-12	3.30E-11	7.29E-12	9.59E-12	1.52E-11	2.68E-12	1.49E-11	8.41E-11
5272	477363.09	3865877.25	1.22E-07	1.20E-07	1.17E-07	4.22E-11	1.27E-10	7.37E-11	7.27E-11	6.59E-11	3.01E-11	2.92E-11	1.41E-12	3.40E-11	7.50E-12	9.88E-12	1.57E-11	2.76E-12	1.53E-11	8.66E-11
5273	477863.09	3865877.25	1.23E-07	1.21E-07	1.17E-07	4.24E-11	1.28E-10	7.42E-11	7.32E-11	6.64E-11	3.03E-11	2.94E-11	1.42E-12	3.42E-11	7.55E-12	9.94E-12	1.58E-11	2.78E-12	1.54E-11	8.71E-11
5274	478363.09	3865877.25	1.26E-07	1.24E-07	1.21E-07	4.36E-11	1.32E-10	7.61E-11	7.51E-11	6.81E-11	3.11E-11	3.02E-11	1.45E-12	3.51E-11	7.75E-12	1.02E-11	1.62E-11	2.85E-12	1.58E-11	8.94E-11
5275	478863.09	3865877.25	1.32E-07	1.30E-07	1.26E-07	4.56E-11	1.38E-10	7.97E-11	7.86E-11	7.13E-11	3.25E-11	3.16E-11	1.52E-12	3.68E-11	8.11E-12	1.07E-11	1.69E-11	2.99E-12	1.66E-11	9.36E-11
5276	479363.09	3865877.25	1.39E-07	1.37E-07	1.33E-07	4.81E-11	1.45E-10	8.40E-11	8.29E-11	7.52E-11	3.43E-11	3.33E-11	1.61E-12	3.88E-11	8.56E-12	1.13E-11	1.79E-11	3.15E-12	1.75E-11	9.87E-11
5277	479863.09	3865877.25	1.45E-07	1.44E-07	1.39E-07	5.04E-11	1.52E-10	8.80E-11	8.69E-11	7.88E-11	3.59E-11	3.49E-11	1.68E-12	4.06E-11	8.96E-12	1.18E-11	1.87E-11	3.30E-12	1.83E-11	1.03E-10
5278	480363.09	3865877.25	1.51E-07	1.50E-07	1.45E-07	5.24E-11	1.58E-10	9.17E-11	9.05E-11	8.20E-11	3.74E-11	3.63E-11	1.75E-12	4.23E-11	9.33E-12	1.23E-11	1.95E-11	3.43E-12	1.91E-11	1.08E-10
5279	480863.09	3865877.25	1.57E-07	1.55E-07	1.51E-07	5.44E-11	1.64E-10	9.50E-11	9.38E-11	8.50E-11	3.88E-11	3.77E-11	1.82E-12	4.39E-11	9.68E-12	1.27E-11	2.02E-11	3.56E-12	1.98E-11	1.12E-10
5280	481363.09	3865877.25	1.63E-07	1.60E-07	1.56E-07	5.63E-11	1.70E-10	9.83E-11	9.71E-11	8.80E-11	4.01E-11	3.90E-11	1.88E-12	4.54E-11	1.00E-11	1.32E-11	2.09E-11	3.68E-12	2.05E-11	1.16E-10
5281	481863.09	3865877.25	1.68E-07	1.66E-07	1.61E-07	5.82E-11	1.76E-10	1.02E-10	1.00E-10	9.11E-11	4.16E-11	4.04E-11	1.95E-12	4.70E-11	1.04E-11	1.36E-11	2.16E-11	3.81E-12	2.12E-11	1.20E-10
5282	482363.09	3865877.25	1.75E-07	1.73E-07	1.68E-07	6.07E-11	1.83E-10	1.06E-10	1.05E-10	9.49E-11	4.33E-11	4.20E-11	2.03E-12	4.89E-11	1.08E-11	1.42E-11	2.25E-11	3.97E-12	2.21E-11	1.25E-10
5283	482863.09	3865877.25	1.85E-07	1.83E-07	1.78E-07	6.41E-11	1.94E-10	1.12E-10	1.11E-10	1.00E-10	4.58E-11	4.44E-11	2.14E-12	5.17E-11	1.14E-11	1.50E-11	2.38E-11	4.20E-12	2.33E-11	1.32E-10
5284	483363.09	3865877.25	1.99E-07	1.97E-07	1.91E-07	6.89E-11	2.08E-10	1.20E-10	1.19E-10	1.08E-10	4.92E-11	4.78E-11	2.30E-12	5.56E-11	1.23E-11	1.61E-11	2.56E-11	4.51E-12	2.51E-11	1.41E-10
5285	483863.09	3865877.25	2.12E-07	2.10E-07	2.04E-07	7.35E-11	2.22E-10	1.29E-10	1.27E-10	1.15E-10	5.25E-11	5.09E-11	2.45E-12	5.93E-11	1.31E-11	1.72E-11	2.73E-11	4.81E-12	2.67E-11	1.51E-10
5286	484363.09	3865877.25	2.25E-07	2.22E-07	2.15E-07	7.78E-11	2.35E-10	1.36E-10	1.34E-10	1.22E-10	5.55E-11	5.39E-11	2.60E-12	6.28E-11	1.38E-11	1.82E-11	2.89E-11	5.09E-12	2.83E-11	1.60E-10
5287	484863.09	3865877.25	2.35E-07	2.32E-07	2.25E-07	8.14E-11	2.46E-10	1.42E-10	1.40E-10	1.27E-10	5.81E-11	5.64E-11	2.72E-12	6.57E-11	1.45E-11	1.91E-11	3.02E-11	5.33E-12	2.96E-11	1.67E-10
5288	485363.09	3865877.25	2.42E-07	2.38E-07	2.31E-07	8.36E-11	2.52E-10	1.46E-10	1.44E-10	1.31E-10	5.97E-11	5.79E-11	2.79E-12	6.74E-11	1.49E-11	1.96E-11	3.11E-11	5.48E-12	3.04E-11	1.72E-10
5289	485863.09	3865877.25	2.50E-07	2.47E-07	2.40E-07	8.66E-11	2.61E-10	1.51E-10	1.49E-10	1.35E-10	6.18E-11	6.00E-11	2.89E-12	6.98E-11	1.54E-11	2.03E-11	3.22E-11	5.67E-12	3.15E-11	1.78E-10
5290	486363.09	3865877.25	2.58E-07	2.54E-07	2.47E-07	8.91E-11	2.69E-10	1.56E-10	1.54E-10	1.39E-10	6.36E-11	6.18E-11	2.98E-12	7.19E-11	1.59E-11	2.09E-11	3.31E-11	5.84E-12	3.24E-11	1.83E-10
5291	486863.09	3865877.25	2.63E-07	2.60E-07	2.52E-07	9.10E-11	2.75E-10	1.59E-10	1.57E-10	1.42E-10	6.50E-11	6.31E-11	3.04E-12	7.34E-11	1.62E-11	2.13E-11	3.38E-11	5.96E-12	3.31E-11	1.87E-10
5292	487363.09	3865877.25	2.73E-07	2.69E-07	2.62E-07	9.45E-11	2.85E-10	1.65E-10	1.63E-10	1.48E-10	6.74E-11	6.55E-11	3.16E-12	7.62E-11	1.68E-11	2.21E-11	3.51E-11	6.19E-12	3.44E-11	1.94E-10
5293	487863.09	3865877.25	2.74E-07	2.70E-07	2.62E-07	9.47E-11	2.86E-10	1.66E-10	1.63E-10	1.48E-10	6.76E-11	6.56E-11	3.16E-12	7.64E-11	1.69E-11	2.22E-11	3.52E-11	6.20E-12	3.45E-11	1.94E-10

5294	488363.09	3865877.25	2.71E-07	2.68E-07	2.60E-07	9.39E-11	2.84E-10	1.64E-10	1.62E-10	1.47E-10	6.70E-11	6.51E-11	3.14E-12	7.58E-11	1.67E-11	2.20E-11	3.49E-11	6.15E-12	3.42E-11	1.93E-10
5295	488863.09	3865877.25	2.75E-07	2.71E-07	2.63E-07	9.51E-11	2.87E-10	1.66E-10	1.64E-10	1.49E-10	6.78E-11	6.59E-11	3.17E-12	7.67E-11	1.69E-11	2.23E-11	3.53E-11	6.22E-12	3.46E-11	1.95E-10
5296	489363.09	3865877.25	2.70E-07	2.66E-07	2.59E-07	9.34E-11	2.82E-10	1.63E-10	1.61E-10	1.46E-10	6.66E-11	6.47E-11	3.12E-12	7.53E-11	1.66E-11	2.19E-11	3.47E-11	6.12E-12	3.40E-11	1.92E-10
5297	489863.09	3865877.25	2.65E-07	2.61E-07	2.54E-07	9.17E-11	2.77E-10	1.60E-10	1.58E-10	1.43E-10	6.54E-11	6.36E-11	3.06E-12	7.40E-11	1.63E-11	2.15E-11	3.41E-11	6.01E-12	3.34E-11	1.88E-10
5298	490363.09	3865877.25	2.68E-07	2.64E-07	2.57E-07	9.27E-11	2.80E-10	1.62E-10	1.60E-10	1.45E-10	6.61E-11	6.42E-11	3.09E-12	7.47E-11	1.65E-11	2.17E-11	3.44E-11	6.07E-12	3.37E-11	1.90E-10
5299	490863.09	3865877.25	2.62E-07	2.59E-07	2.51E-07	9.07E-11	2.74E-10	1.59E-10	1.56E-10	1.42E-10	6.47E-11	6.28E-11	3.03E-12	7.31E-11	1.61E-11	2.12E-11	3.37E-11	5.94E-12	3.30E-11	1.86E-10
5300	491363.09	3865877.25	2.43E-07	2.39E-07	2.32E-07	8.40E-11	2.54E-10	1.47E-10	1.45E-10	1.31E-10	5.99E-11	5.82E-11	2.80E-12	6.77E-11	1.49E-11	1.97E-11	3.12E-11	5.50E-12	3.05E-11	1.72E-10
5301	491863.09	3865877.25	2.34E-07	2.31E-07	2.24E-07	8.10E-11	2.44E-10	1.41E-10	1.40E-10	1.27E-10	5.78E-11	5.61E-11	2.70E-12	6.53E-11	1.44E-11	1.90E-11	3.01E-11	5.30E-12	2.94E-11	1.66E-10
5302	492363.09	3865877.25	2.16E-07	2.14E-07	2.07E-07	7.49E-11	2.26E-10	1.31E-10	1.29E-10	1.17E-10	5.35E-11	5.19E-11	2.50E-12	6.04E-11	1.33E-11	1.75E-11	2.78E-11	4.91E-12	2.72E-11	1.54E-10
5303	492863.09	3865877.25	1.58E-07	1.56E-07	1.51E-07	5.46E-11	1.65E-10	9.55E-11	9.43E-11	8.55E-11	3.90E-11	3.79E-11	1.82E-12	4.41E-11	9.73E-12	1.28E-11	2.03E-11	3.58E-12	1.99E-11	1.12E-10
5304	493363.09	3865877.25	1.59E-07	1.57E-07	1.52E-07	5.50E-11	1.66E-10	9.61E-11	9.48E-11	8.59E-11	3.92E-11	3.81E-11	1.84E-12	4.43E-11	9.78E-12	1.29E-11	2.04E-11	3.60E-12	2.00E-11	1.13E-10
5305	493863.09	3865877.25	1.87E-07	1.85E-07	1.80E-07	6.49E-11	1.96E-10	1.13E-10	1.12E-10	1.01E-10	4.63E-11	4.49E-11	2.17E-12	5.23E-11	1.15E-11	1.52E-11	2.41E-11	4.25E-12	2.36E-11	1.33E-10
5306	494363.09	3865877.25	2.24E-07	2.21E-07	2.15E-07	7.76E-11	2.34E-10	1.36E-10	1.34E-10	1.21E-10	5.54E-11	5.38E-11	2.59E-12	6.26E-11	1.38E-11	1.82E-11	2.88E-11	5.08E-12	2.82E-11	1.59E-10
5307	494863.09	3865877.25	2.55E-07	2.51E-07	2.44E-07	8.81E-11	2.66E-10	1.54E-10	1.52E-10	1.38E-10	6.29E-11	6.11E-11	2.94E-12	7.11E-11	1.57E-11	2.06E-11	3.27E-11	5.77E-12	3.20E-11	1.81E-10
5308	495363.09	3865877.25	2.51E-07	2.48E-07	2.41E-07	8.69E-11	2.62E-10	1.52E-10	1.50E-10	1.36E-10	6.20E-11	6.02E-11	2.90E-12	7.01E-11	1.55E-11	2.04E-11	3.23E-11	5.69E-12	3.16E-11	1.78E-10
5309	495863.09	3865877.25	2.50E-07	2.47E-07	2.40E-07	8.65E-11	2.61E-10	1.51E-10	1.49E-10	1.35E-10	6.17E-11	6.00E-11	2.89E-12	6.98E-11	1.54E-11	2.03E-11	3.22E-11	5.67E-12	3.15E-11	1.78E-10
5310	496363.09	3865877.25	2.57E-07	2.54E-07	2.46E-07	8.90E-11	2.69E-10	1.56E-10	1.53E-10	1.39E-10	6.35E-11	6.16E-11	2.97E-12	7.18E-11	1.58E-11	2.08E-11	3.31E-11	5.83E-12	3.24E-11	1.83E-10
5311	496863.09	3865877.25	2.54E-07	2.50E-07	2.43E-07	8.78E-11	2.65E-10	1.54E-10	1.52E-10	1.37E-10	6.27E-11	6.09E-11	2.93E-12	7.09E-11	1.56E-11	2.06E-11	3.26E-11	5.75E-12	3.19E-11	1.80E-10
5312	497363.09	3865877.25	2.56E-07	2.53E-07	2.46E-07	8.87E-11	2.68E-10	1.55E-10	1.53E-10	1.39E-10	6.33E-11	6.15E-11	2.96E-12	7.16E-11	1.58E-11	2.08E-11	3.30E-11	5.81E-12	3.23E-11	1.82E-10
5313	497863.09	3865877.25	2.53E-07	2.50E-07	2.42E-07	8.76E-11	2.64E-10	1.53E-10	1.51E-10	1.37E-10	6.25E-11	6.07E-11	2.92E-12	7.06E-11	1.56E-11	2.05E-11	3.25E-11	5.73E-12	3.18E-11	1.80E-10
5314	498363.09	3865877.25	2.44E-07	2.41E-07	2.34E-07	8.46E-11	2.55E-10	1.48E-10	1.46E-10	1.32E-10	6.04E-11	5.86E-11	2.83E-12	6.82E-11	1.51E-11	1.98E-11	3.14E-11	5.54E-12	3.08E-11	1.74E-10
5315	471363.09	3866377.25	8.38E-08	8.27E-08	8.03E-08	2.90E-11	8.76E-11	5.07E-11	5.00E-11	4.54E-11	2.07E-11	2.01E-11	9.69E-13	2.34E-11	5.16E-12	6.79E-12	1.08E-11	1.90E-12	1.05E-11	5.96E-11
5316	471863.09	3866377.25	8.82E-08	8.71E-08	8.46E-08	3.05E-11	9.22E-11	5.34E-11	5.27E-11	4.78E-11	2.18E-11	2.12E-11	1.02E-12	2.46E-11	5.44E-12	7.15E-12	1.13E-11	2.00E-12	1.11E-11	6.27E-11
5317	472363.09	3866377.25	9.32E-08	9.20E-08	8.93E-08	3.23E-11	9.74E-11	5.64E-11	5.56E-11	5.04E-11	2.30E-11	2.23E-11	1.08E-12	2.60E-11	5.74E-12	7.55E-12	1.20E-11	2.11E-12	1.17E-11	6.62E-11
5318	472863.09	3866377.25	9.83E-08	9.70E-08	9.42E-08	3.40E-11	1.03E-10	5.94E-11	5.87E-11	5.32E-11	2.43E-11	2.36E-11	1.14E-12	2.74E-11	6.05E-12	7.97E-12	1.26E-11	2.23E-12	1.24E-11	6.98E-11
5319	473363.09	3866377.25	1.04E-07	1.02E-07	9.94E-08	3.59E-11	1.08E-10	6.28E-11	6.19E-11	5.61E-11	2.56E-11	2.49E-11	1.20E-12	2.90E-11	6.39E-12	8.41E-12	1.33E-11	2.35E-12	1.31E-11	7.37E-11
5320	473863.09	3866377.25	1.08E-07	1.07E-07	1.04E-07	3.74E-11	1.13E-10	6.54E-11	6.46E-11	5.85E-11	2.67E-11	2.59E-11	1.25E-12	3.02E-11	6.66E-12	8.77E-12	1.39E-11	2.45E-12	1.36E-11	7.69E-11
5321	474363.09	3866377.25	1.11E-07	1.10E-07	1.07E-07	3.85E-11	1.16E-10	6.73E-11	6.64E-11	6.02E-11	2.75E-11	2.67E-11	1.29E-12	3.11E-11	6.86E-12	9.02E-12	1.43E-11	2.52E-12	1.40E-11	7.91E-11
5322	474863.09	3866377.25	1.13E-07	1.11E-07	1.08E-07	3.90E-11	1.18E-10	6.81E-11	6.72E-11	6.09E-11	2.78E-11	2.70E-11	1.30E-12	3.14E-11	6.94E-12	9.13E-12	1.45E-11	2.55E-12	1.42E-11	8.00E-11
5323	475363.09	3866377.25	1.12E-07	1.10E-07	1.07E-07	3.87E-11	1.17E-10	6.77E-11	6.68E-11	6.06E-11	2.76E-11	2.68E-11	1.29E-12	3.12E-11	6.90E-12	9.07E-12	1.44E-11	2.54E-12	1.41E-11	7.95E-11
5324	475863.09	3866377.25	1.10E-07	1.09E-07	1.06E-07	3.82E-11	1.15E-10	6.68E-11	6.59E-11	5.97E-11	2.73E-11	2.65E-11	1.28E-12	3.08E-11	6.80E-12	8.95E-12	1.42E-11	2.50E-12	1.39E-11	7.84E-11
5325	476363.09	3866377.25	1.10E-07	1.08E-07	1.05E-07	3.79E-11	1.15E-10	6.63E-11	6.54E-11	5.93E-11	2.71E-11	2.63E-11	1.27E-12	3.06E-11	6.75E-12	8.88E-12	1.41E-11	2.48E-12	1.38E-11	7.79E-11
5326	476863.09	3866377.25	1.04E-07	1.02E-07	9.93E-08	3.59E-11	1.08E-10	6.27E-11	6.19E-11	5.61E-11	2.56E-11	2.48E-11	1.20E-12	2.89E-11	6.38E-12	8.40E-12	1.33E-11	2.35E-12	1.30E-11	7.36E-11
5327	477363.09	3866377.25	1.10E-07	1.09E-07	1.06E-07	3.82E-11	1.15E-10	6.68E-11	6.59E-11	5.97E-11	2.73E-11	2.65E-11	1.28E-12	3.08E-11	6.80E-12	8.95E-12	1.42E-11	2.50E-12	1.39E-11	7.84E-11
5328	477863.09	3866377.25	1.17E-07	1.15E-07	1.12E-07	4.04E-11	1.22E-10	7.06E-11	6.96E-11	6.31E-11	2.88E-11	2.80E-11	1.35E-12	3.26E-11	7.18E-12	9.45E-12	1.50E-11	2.64E-12	1.47E-11	8.29E-11
5329	478363.09	3866377.25	1.22E-07	1.20E-07	1.17E-07	4.22E-11	1.27E-10	7.38E-11	7.28E-11	6.60E-11	3.01E-11	2.92E-11	1.41E-12	3.40E-11	7.51E-12	9.89E-12	1.57E-11	2.76E-12	1.53E-11	8.67E-11
5330	478863.09	3866377.25	1.28E-07	1.26E-07	1.23E-07	4.43E-11	1.34E-10	7.75E-11	7.65E-11	6.93E-11	3.16E-11	3.07E-11	1.48E-12	3.58E-11	7.89E-12	1.04E-11	1.65E-11	2.90E-12	1.61E-11	9.10E-11
5331	479363.09	3866377.25	1.34E-07	1.32E-07	1.28E-07	4.63E-11	1.40E-10	8.09E-11	7.98E-11	7.23E-11	3.30E-11	3.21E-11	1.54E-12	3.73E-11	8.23E-12	1.08E-11	1.72E-11	3.03E-12	1.68E-11	9.50E-11
5332	479863.09	3866377.25	1.39E-07	1.37E-07	1.33E-07	4.80E-11	1.45E-10	8.39E-11	8.28E-11	7.51E-11	3.43E-11	3.33E-11	1.60E-12	3.87E-11	8.55E-12	1.12E-11	1.78E-11	3.14E-12	1.75E-11	9.86E-11
5333	480363.09	3866377.25	1.43E-07	1.41E-07	1.37E-07	4.96E-11	1.50E-10	8.66E-11	8.55E-11	7.75E-11	3.54E-11	3.43E-11	1.65E-12	4.00E-11	8.82E-12	1.16E-11	1.84E-11	3.24E-12	1.80E-11	1.02E-10
5334	480863.09	3866377.25	1.47E-07	1.45E-07	1.41E-07	5.09E-11	1.54E-10	8.91E-11	8.79E-11	7.97E-11	3.64E-11	3.53E-11	1.70E-12	4.11E-11	9.07E-12	1.19E-11	1.89E-11	3.34E-12	1.85E-11	1.05E-10
5335	481363.09	3866377.25	1.52E-07	1.50E-07	1.45E-07	5.25E-11	1.59E-10	9.18E-11	9.06E-11	8.21E-11	3.75E-11	3.64E-11	1.75E-12	4.24E-11	9.35E-12	1.23E-11	1.95E-11	3.44E-12	1.91E-11	1.08E-10
5336	481863.09	3866377.25	1.57E-07	1.55E-07	1.51E-07	5.44E-11	1.64E-10	9.50E-11	9.38E-11	8.50E-11	3.88E-11	3.77E-11	1.82E-12	4.39E-11	9.68E-12	1.27E-11	2.02E-11	3.56E-12	1.98E-11	1.12E-10
5337	482363.09	3866377.25	1.65E-07	1.63E-07	1.58E-07	5.72E-11	1.73E-10	1.00E-10	9.87E-11	8.95E-11	4.08E-11	3.96E-11	1.91E-12	4.61E-11	1.02E-11	1.34E-11	2.13E-11	3.75E-12	2.08E-11	1.17E-10
5338	482863.09	3866377.25	1.77E-07	1.74E-07	1.69E-07	6.12E-11	1.85E-10	1.07E-10	1.06E-10	9.57E-11	4.37E-11	4.24E-11	2.04E-12	4.93E-11	1.09E-11	1.43E-11	2.27E-11	4.01E-12	2.22E-11	1.26E-10
5339	483363.09	3866377.25	1.88E-07	1.86E-07	1.80E-07	6.51E-11	1.97E-10	1.14E-10	1.12E-10	1.02E-10	4.64E-11	4.51E-11	2.17E-12	5.25E-11	1.16E-11	1.52E-11	2.42E-11	4.26E-12	2.37E-11	1.34E-10
5340	483863.09	3866377.25	1.98E-07	1.95E-07	1.90E-07	6.85E-11	2.07E-10	1.20E-10	1.18E-10	1.07E-10	4.89E-11	4.75E-11	2.29E-12	5.53E-11	1.22E-11	1.60E-11	2.55E-11	4.49E-12	2.49E-11	1.41E-10
5341	484363.09	3866377.25	2.08E-07	2.05E-07	1.99E-07	7.19E-11	2.17E-10	1.26E-10	1.24E-10	1.12E-10	5.13E-11	4.98E-11	2.40E-12	5.80E-11	1.28E-11	1.68E-11	2.67E-11	4.71E-12	2.61E-11	1.48E-10
5342	484863.09	3866377.25	2.15E-07	2.12E-07	2.06E-07	7.44E-11	2.25E-10	1.30E-10	1.28E-10	1.16E-10	5.31E-11	5.16E-11	2.49E-12	6.00E-11	1.32E-11	1.74E-11	2.77E-11	4.87E-12	2.71E-11	1.53E-10
5343	485363.09	3866377.25	2.20E-07	2.17E-07	2.11E-07	7.62E-11	2.30E-10	1.33E-10	1.31E-10	1.19E-10	5.44E-11	5.28E-11	2.54E-12	6.14E-11	1.36E-11	1.78E-11	2.83E-11	4.99E-12	2.77E-11	1.56E-10
5344	485863.09	3866377.25	2.27E-07	2.24E-07	2.18E-07	7.87E-11	2.37E-10	1.37E-10	1.36E-10	1.23E-10	5.61E-11	5.45E-11	2.63E-12	6.34E-11	1.40E-11	1.84E-11	2.92E-11	5.15E-12	2.86E-11	1.61E-10
5345	486363.09	3866377.25	2.32E-07	2.29E-07	2.22E-07	8.02E-11	2.42E-10	1.40E-10	1.38E-10	1.25E-10	5.72E-11	5.56E-11	2.68E-12	6.47E-11	1.43E-11	1.88E-11	2.98E-11	5.25E-12	2.92E-11	1.65E-10
5346	486863.09	3866377.25	2.38E-07	2.35E-07	2.28E-07	8.23E-11	2.49E-10	1.44E-10	1.42E-10	1.29E-10	5.88E-11	5.71E-11	2.75E-12	6.64E-11	1.47E-11	1.93E-11	3.06E-11	5.39E-12	2.99E-11	1.69E-10

5347	487363.09	3866377.25	2.48E-07	2.45E-07	2.38E-07	8.60E-11	2.60E-10	1.50E-10	1.48E-10	1.34E-10	6.14E-11	5.96E-11	2.87E-12	6.94E-11	1.53E-11	2.01E-11	3.20E-11	5.63E-12	3.13E-11	1.77E-10
5348	487863.09	3866377.25	2.46E-07	2.43E-07	2.36E-07	8.52E-11	2.57E-10	1.49E-10	1.47E-10	1.33E-10	6.08E-11	5.90E-11	2.84E-12	6.87E-11	1.52E-11	2.00E-11	3.17E-11	5.58E-12	3.10E-11	1.75E-10
5349	488363.09	3866377.25	2.47E-07	2.44E-07	2.37E-07	8.56E-11	2.59E-10	1.50E-10	1.48E-10	1.34E-10	6.11E-11	5.93E-11	2.86E-12	6.91E-11	1.52E-11	2.01E-11	3.18E-11	5.61E-12	3.11E-11	1.76E-10
5350	488863.09	3866377.25	2.46E-07	2.43E-07	2.36E-07	8.53E-11	2.57E-10	1.49E-10	1.47E-10	1.33E-10	6.08E-11	5.91E-11	2.85E-12	6.88E-11	1.52E-11	2.00E-11	3.17E-11	5.58E-12	3.10E-11	1.75E-10
5351	489363.09	3866377.25	2.35E-07	2.32E-07	2.25E-07	8.13E-11	2.46E-10	1.42E-10	1.40E-10	1.27E-10	5.80E-11	5.63E-11	2.72E-12	6.56E-11	1.45E-11	1.90E-11	3.02E-11	5.32E-12	2.96E-11	1.67E-10
5352	489863.09	3866377.25	2.16E-07	2.13E-07	2.07E-07	7.46E-11	2.25E-10	1.30E-10	1.29E-10	1.17E-10	5.33E-11	5.17E-11	2.49E-12	6.02E-11	1.33E-11	1.75E-11	2.77E-11	4.89E-12	2.71E-11	1.53E-10
5353	490363.09	3866377.25	2.38E-07	2.35E-07	2.28E-07	8.23E-11	2.49E-10	1.44E-10	1.42E-10	1.29E-10	5.87E-11	5.70E-11	2.75E-12	6.64E-11	1.46E-11	1.93E-11	3.06E-11	5.39E-12	2.99E-11	1.69E-10
5354	490863.09	3866377.25	2.41E-07	2.37E-07	2.31E-07	8.33E-11	2.51E-10	1.46E-10	1.44E-10	1.30E-10	5.94E-11	5.77E-11	2.78E-12	6.72E-11	1.48E-11	1.95E-11	3.09E-11	5.45E-12	3.03E-11	1.71E-10
5355	491363.09	3866377.25	2.38E-07	2.35E-07	2.28E-07	8.23E-11	2.48E-10	1.44E-10	1.42E-10	1.29E-10	5.87E-11	5.70E-11	2.75E-12	6.63E-11	1.46E-11	1.93E-11	3.06E-11	5.39E-12	2.99E-11	1.69E-10
5356	491863.09	3866377.25	1.98E-07	1.96E-07	1.90E-07	6.86E-11	2.07E-10	1.20E-10	1.18E-10	1.07E-10	4.90E-11	4.75E-11	2.29E-12	5.53E-11	1.22E-11	1.61E-11	2.55E-11	4.49E-12	2.49E-11	1.41E-10
5357	492363.09	3866377.25	1.97E-07	1.95E-07	1.89E-07	6.83E-11	2.06E-10	1.19E-10	1.18E-10	1.07E-10	4.87E-11	4.73E-11	2.28E-12	5.51E-11	1.22E-11	1.60E-11	2.54E-11	4.47E-12	2.48E-11	1.40E-10
5358	492863.09	3866377.25	1.73E-07	1.71E-07	1.66E-07	5.98E-11	1.81E-10	1.05E-10	1.03E-10	9.36E-11	4.27E-11	4.15E-11	2.00E-12	4.83E-11	1.06E-11	1.40E-11	2.22E-11	3.92E-12	2.18E-11	1.23E-10
5359	493363.09	3866377.25	1.88E-07	1.86E-07	1.80E-07	6.52E-11	1.97E-10	1.14E-10	1.12E-10	1.02E-10	4.65E-11	4.52E-11	2.18E-12	5.26E-11	1.16E-11	1.53E-11	2.42E-11	4.27E-12	2.37E-11	1.34E-10
5360	493863.09	3866377.25	2.02E-07	1.99E-07	1.93E-07	6.99E-11	2.11E-10	1.22E-10	1.21E-10	1.09E-10	4.99E-11	4.84E-11	2.33E-12	5.64E-11	1.24E-11	1.64E-11	2.60E-11	4.58E-12	2.54E-11	1.43E-10
5361	494363.09	3866377.25	2.16E-07	2.13E-07	2.07E-07	7.46E-11	2.25E-10	1.30E-10	1.29E-10	1.17E-10	5.32E-11	5.17E-11	2.49E-12	6.02E-11	1.33E-11	1.75E-11	2.77E-11	4.89E-12	2.71E-11	1.53E-10
5362	494863.09	3866377.25	2.18E-07	2.15E-07	2.09E-07	7.54E-11	2.28E-10	1.32E-10	1.30E-10	1.18E-10	5.38E-11	5.22E-11	2.52E-12	6.08E-11	1.34E-11	1.77E-11	2.80E-11	4.94E-12	2.74E-11	1.55E-10
5363	495363.09	3866377.25	2.15E-07	2.13E-07	2.06E-07	7.46E-11	2.25E-10	1.30E-10	1.29E-10	1.17E-10	5.32E-11	5.17E-11	2.49E-12	6.01E-11	1.33E-11	1.75E-11	2.77E-11	4.88E-12	2.71E-11	1.53E-10
5364	495863.09	3866377.25	2.06E-07	2.03E-07	1.97E-07	7.13E-11	2.15E-10	1.25E-10	1.23E-10	1.11E-10	5.09E-11	4.94E-11	2.38E-12	5.75E-11	1.27E-11	1.67E-11	2.65E-11	4.67E-12	2.59E-11	1.46E-10
5365	496363.09	3866377.25	2.07E-07	2.05E-07	1.99E-07	7.18E-11	2.17E-10	1.26E-10	1.24E-10	1.12E-10	5.12E-11	4.98E-11	2.40E-12	5.79E-11	1.28E-11	1.68E-11	2.67E-11	4.70E-12	2.61E-11	1.47E-10
5366	496863.09	3866377.25	2.11E-07	2.09E-07	2.03E-07	7.32E-11	2.21E-10	1.28E-10	1.26E-10	1.14E-10	5.22E-11	5.07E-11	2.44E-12	5.90E-11	1.30E-11	1.71E-11	2.72E-11	4.79E-12	2.66E-11	1.50E-10
5367	497363.09	3866377.25	2.16E-07	2.13E-07	2.07E-07	7.46E-11	2.25E-10	1.30E-10	1.29E-10	1.17E-10	5.33E-11	5.17E-11	2.49E-12	6.02E-11	1.33E-11	1.75E-11	2.77E-11	4.89E-12	2.71E-11	1.53E-10
5368	497863.09	3866377.25	2.21E-07	2.18E-07	2.11E-07	7.64E-11	2.31E-10	1.33E-10	1.32E-10	1.19E-10	5.45E-11	5.29E-11	2.55E-12	6.16E-11	1.36E-11	1.79E-11	2.84E-11	5.00E-12	2.78E-11	1.57E-10
5369	498363.09	3866377.25	1.95E-07	1.92E-07	1.87E-07	6.74E-11	2.03E-10	1.18E-10	1.16E-10	1.05E-10	4.81E-11	4.67E-11	2.25E-12	5.44E-11	1.20E-11	1.58E-11	2.50E-11	4.41E-12	2.45E-11	1.38E-10
5370	474494.92	3848334.16	6.18E-08	6.10E-08	5.92E-08	2.14E-11	6.46E-11	3.74E-11	3.69E-11	3.35E-11	1.53E-11	1.48E-11	7.15E-13	1.73E-11	3.81E-12	5.01E-12	7.95E-12	1.40E-12	7.78E-12	4.39E-11
5371	475167.27	3848920.79	6.73E-08	6.64E-08	6.45E-08	2.33E-11	7.03E-11	4.07E-11	4.02E-11	3.64E-11	1.66E-11	1.61E-11	7.78E-13	1.88E-11	4.15E-12	5.45E-12	8.65E-12	1.53E-12	8.47E-12	4.78E-11
5372	475297.89	3848997.96	6.82E-08	6.73E-08	6.54E-08	2.36E-11	7.13E-11	4.13E-11	4.07E-11	3.69E-11	1.68E-11	1.64E-11	7.88E-13	1.90E-11	4.20E-12	5.53E-12	8.77E-12	1.55E-12	8.58E-12	4.85E-11
5373	475439.05	3849062	6.77E-08	6.68E-08	6.49E-08	2.34E-11	7.07E-11	4.09E-11	4.04E-11	3.66E-11	1.67E-11	1.62E-11	7.82E-13	1.89E-11	4.17E-12	5.49E-12	8.70E-12	1.53E-12	8.52E-12	4.81E-11
5374	475486.86	3849061.09	6.74E-08	6.65E-08	6.46E-08	2.33E-11	7.05E-11	4.08E-11	4.03E-11	3.65E-11	1.67E-11	1.62E-11	7.79E-13	1.88E-11	4.15E-12	5.47E-12	8.67E-12	1.53E-12	8.49E-12	4.79E-11
5375	475538.46	3849075.56	6.79E-08	6.70E-08	6.51E-08	2.35E-11	7.10E-11	4.11E-11	4.06E-11	3.68E-11	1.68E-11	1.63E-11	7.85E-13	1.90E-11	4.19E-12	5.51E-12	8.74E-12	1.54E-12	8.55E-12	4.83E-11
5376	475751.79	3849137.15	7.05E-08	6.96E-08	6.76E-08	2.44E-11	7.37E-11	4.27E-11	4.21E-11	3.82E-11	1.74E-11	1.69E-11	8.15E-13	1.97E-11	4.35E-12	5.72E-12	9.07E-12	1.60E-12	8.88E-12	5.01E-11
5377	476303.62	3849223.38	7.40E-08	7.31E-08	7.10E-08	2.56E-11	7.74E-11	4.48E-11	4.42E-11	4.01E-11	1.83E-11	1.78E-11	8.56E-13	2.07E-11	4.56E-12	6.00E-12	9.52E-12	1.68E-12	9.32E-12	5.26E-11
5378	476304.51	3849238.92	7.42E-08	7.32E-08	7.11E-08	2.57E-11	7.75E-11	4.49E-11	4.43E-11	4.02E-11	1.83E-11	1.78E-11	8.57E-13	2.07E-11	4.57E-12	6.01E-12	9.54E-12	1.68E-12	9.34E-12	5.27E-11
5379	476365.04	3849247.98	7.46E-08	7.36E-08	7.15E-08	2.58E-11	7.79E-11	4.51E-11	4.45E-11	4.04E-11	1.84E-11	1.79E-11	8.62E-13	2.08E-11	4.59E-12	6.05E-12	9.59E-12	1.69E-12	9.39E-12	5.30E-11
5380	476444.86	3849267.13	7.47E-08	7.37E-08	7.16E-08	2.59E-11	7.81E-11	4.52E-11	4.46E-11	4.04E-11	1.85E-11	1.79E-11	8.63E-13	2.09E-11	4.60E-12	6.06E-12	9.61E-12	1.69E-12	9.40E-12	5.31E-11
5381	476550.75	3849300.66	7.57E-08	7.48E-08	7.26E-08	2.62E-11	7.92E-11	4.58E-11	4.52E-11	4.10E-11	1.87E-11	1.82E-11	8.75E-13	2.11E-11	4.67E-12	6.14E-12	9.74E-12	1.72E-12	9.53E-12	5.38E-11
5382	476656.71	3849346.88	7.66E-08	7.56E-08	7.35E-08	2.65E-11	8.01E-11	4.64E-11	4.58E-11	4.15E-11	1.89E-11	1.84E-11	8.86E-13	2.14E-11	4.72E-12	6.21E-12	9.86E-12	1.74E-12	9.65E-12	5.45E-11
5383	476873.55	3849454.53	7.89E-08	7.78E-08	7.56E-08	2.73E-11	8.24E-11	4.77E-11	4.71E-11	4.27E-11	1.95E-11	1.89E-11	9.12E-13	2.20E-11	4.86E-12	6.39E-12	1.01E-11	1.79E-12	9.93E-12	5.60E-11
5384	477700	3849859.7	8.65E-08	8.54E-08	8.29E-08	3.00E-11	9.05E-11	5.24E-11	5.17E-11	4.68E-11	2.14E-11	2.08E-11	1.00E-12	2.42E-11	5.33E-12	7.02E-12	1.11E-11	1.96E-12	1.09E-11	6.15E-11
5385	477743.16	3849856.38	8.59E-08	8.48E-08	8.23E-08	2.97E-11	8.98E-11	5.20E-11	5.13E-11	4.65E-11	2.12E-11	2.06E-11	9.93E-13	2.40E-11	5.29E-12	6.96E-12	1.10E-11	1.95E-12	1.08E-11	6.10E-11
5386	478477.35	3850216.33	9.01E-08	8.89E-08	8.63E-08	3.12E-11	9.41E-11	5.45E-11	5.38E-11	4.87E-11	2.22E-11	2.16E-11	1.04E-12	2.51E-11	5.55E-12	7.30E-12	1.16E-11	2.04E-12	1.13E-11	6.40E-11
5387	478485.8	3850201.6	8.98E-08	8.86E-08	8.61E-08	3.11E-11	9.39E-11	5.43E-11	5.36E-11	4.86E-11	2.22E-11	2.15E-11	1.04E-12	2.51E-11	5.53E-12	7.28E-12	1.15E-11	2.04E-12	1.13E-11	6.38E-11
5388	479113.21	3850501.53	9.79E-08	9.66E-08	9.38E-08	3.39E-11	1.02E-10	5.92E-11	5.84E-11	5.30E-11	2.42E-11	2.35E-11	1.13E-12	2.73E-11	6.03E-12	7.93E-12	1.26E-11	2.22E-12	1.23E-11	6.95E-11
5389	479108.11	3850382.28	9.59E-08	9.47E-08	9.19E-08	3.32E-11	1.00E-10	5.80E-11	5.73E-11	5.19E-11	2.37E-11	2.30E-11	1.11E-12	2.68E-11	5.91E-12	7.78E-12	1.23E-11	2.17E-12	1.21E-11	6.82E-11
5390	479689.85	3850674.28	1.02E-07	1.00E-07	9.75E-08	3.52E-11	1.06E-10	6.16E-11	6.08E-11	5.51E-11	2.51E-11	2.44E-11	1.18E-12	2.84E-11	6.27E-12	8.25E-12	1.31E-11	2.31E-12	1.28E-11	7.23E-11
5391	479952.42	3850774.28	1.06E-07	1.04E-07	1.01E-07	3.66E-11	1.11E-10	6.40E-11	6.32E-11	5.73E-11	2.61E-11	2.54E-11	1.22E-12	2.95E-11	6.52E-12	8.58E-12	1.36E-11	2.40E-12	1.33E-11	7.52E-11
5392	479911.32	3850884.85	1.07E-07	1.05E-07	1.02E-07	3.70E-11	1.12E-10	6.46E-11	6.38E-11	5.78E-11	2.64E-11	2.56E-11	1.24E-12	2.98E-11	6.58E-12	8.66E-12	1.37E-11	2.42E-12	1.34E-11	7.59E-11
5393	480500.92	3851178.12	1.20E-07	1.18E-07	1.15E-07	4.14E-11	1.25E-10	7.24E-11	7.15E-11	6.48E-11	2.96E-11	2.87E-11	1.38E-12	3.34E-11	7.38E-12	9.71E-12	1.54E-11	2.71E-12	1.51E-11	8.51E-11
5394	480738.01	3851289.27	1.26E-07	1.24E-07	1.20E-07	4.35E-11	1.31E-10	7.60E-11	7.50E-11	6.80E-11	3.10E-11	3.01E-11	1.45E-12	3.51E-11	7.74E-12	1.02E-11	1.62E-11	2.85E-12	1.58E-11	8.92E-11
5395	481055.42	3851443.58	1.34E-07	1.32E-07	1.29E-07	4.64E-11	1.40E-10	8.12E-11	8.01E-11	7.26E-11	3.31E-11	3.22E-11	1.55E-12	3.75E-11	8.27E-12	1.09E-11	1.73E-11	3.04E-12	1.69E-11	9.53E-11
5396	481110.22	3851443.15	1.36E-07	1.34E-07	1.30E-07	4.69E-11	1.42E-10	8.20E-11	8.10E-11	7.34E-11	3.35E-11	3.25E-11	1.57E-12	3.79E-11	8.35E-12	1.10E-11	1.74E-11	3.07E-12	1.71E-11	9.64E-11
5397	481111.1	3851417.45	1.35E-07	1.34E-07	1.30E-07	4.69E-11	1.42E-10	8.20E-11	8.09E-11	7.33E-11	3.35E-11	3.25E-11	1.57E-12	3.78E-11	8.35E-12	1.10E-11	1.74E-11	3.07E-12	1.71E-11	9.63E-11
5398	482248.44	3852605.09	1.76E-07	1.73E-07	1.68E-07	6.08E-11	1.83E-10	1.06E-10	1.05E-10	9.50E-11	4.34E-11	4.21E-11	2.03E-12	4.90E-11	1.08E-11	1.42E-11	2.26E-11	3.98E-12	2.21E-11	1.25E-10
5399	482273.34	3852632.31	1.76E-07	1.74E-07	1.69E-07	6.11E-11	1.84E-10	1.07E-10	1.05E-10	9.55E-11	4.36E-11	4.23E-11	2.04E-12	4.93E-11	1.09E-11	1.43E-11	2.27E-11	4.00E-12	2.22E-11	1.25E-10

5400	482665.46	3853038.72	1.94E-07	1.91E-07	1.85E-07	6.70E-11	2.02E-10	1.17E-10	1.16E-10	1.05E-10	4.78E-11	4.64E-11	2.24E-12	5.40E-11	1.19E-11	1.57E-11	2.49E-11	4.39E-12	2.44E-11	1.38E-10
5401	483077.95	3853844.31	2.21E-07	2.18E-07	2.12E-07	7.65E-11	2.31E-10	1.34E-10	1.32E-10	1.20E-10	5.46E-11	5.30E-11	2.56E-12	6.17E-11	1.36E-11	1.79E-11	2.84E-11	5.01E-12	2.78E-11	1.57E-10
5402	483121.38	3853909.38	2.24E-07	2.21E-07	2.15E-07	7.75E-11	2.34E-10	1.36E-10	1.34E-10	1.21E-10	5.53E-11	5.37E-11	2.59E-12	6.25E-11	1.38E-11	1.82E-11	2.88E-11	5.08E-12	2.82E-11	1.59E-10
5403	483492.64	3853911.49	2.30E-07	2.27E-07	2.21E-07	7.98E-11	2.41E-10	1.39E-10	1.38E-10	1.25E-10	5.69E-11	5.53E-11	2.66E-12	6.44E-11	1.42E-11	1.87E-11	2.96E-11	5.22E-12	2.90E-11	1.64E-10
5404	483498.29	3854204.73	2.42E-07	2.39E-07	2.32E-07	8.37E-11	2.53E-10	1.46E-10	1.44E-10	1.31E-10	5.97E-11	5.80E-11	2.79E-12	6.75E-11	1.49E-11	1.96E-11	3.11E-11	5.48E-12	3.04E-11	1.72E-10
5405	484132.44	3854662.55	2.40E-07	2.37E-07	2.30E-07	8.32E-11	2.51E-10	1.46E-10	1.44E-10	1.30E-10	5.94E-11	5.77E-11	2.78E-12	6.71E-11	1.48E-11	1.95E-11	3.09E-11	5.45E-12	3.03E-11	1.71E-10
5406	484627.62	3854876.13	2.76E-07	2.72E-07	2.64E-07	9.54E-11	2.88E-10	1.67E-10	1.65E-10	1.49E-10	6.81E-11	6.61E-11	3.19E-12	7.70E-11	1.70E-11	2.23E-11	3.55E-11	6.25E-12	3.47E-11	1.96E-10
5407	484756.14	3854949.04	2.94E-07	2.90E-07	2.82E-07	1.02E-10	3.07E-10	1.78E-10	1.75E-10	1.59E-10	7.26E-11	7.05E-11	3.40E-12	8.20E-11	1.81E-11	2.38E-11	3.78E-11	6.66E-12	3.70E-11	2.09E-10
5408	486697.51	3856599.17	7.74E-07	7.64E-07	7.42E-07	2.68E-10	8.09E-10	4.68E-10	4.62E-10	4.19E-10	1.91E-10	1.86E-10	8.95E-12	2.16E-10	4.77E-11	6.27E-11	9.95E-11	1.75E-11	9.74E-11	5.50E-10
5409	487105.31	3856962.27	1.12E-06	1.10E-06	1.07E-06	3.87E-10	1.17E-09	6.76E-10	6.68E-10	6.05E-10	2.76E-10	2.68E-10	1.29E-11	3.12E-10	6.89E-11	9.06E-11	1.44E-10	2.53E-11	1.41E-10	7.94E-10
5410	487157.57	3856901.7	1.13E-06	1.12E-06	1.08E-06	3.92E-10	1.18E-09	6.85E-10	6.76E-10	6.13E-10	2.80E-10	2.71E-10	1.31E-11	3.16E-10	6.97E-11	9.18E-11	1.46E-10	2.57E-11	1.42E-10	8.04E-10
5411	487173.5	3856853.74	1.10E-06	1.09E-06	1.06E-06	3.82E-10	1.15E-09	6.68E-10	6.59E-10	5.98E-10	2.73E-10	2.65E-10	1.28E-11	3.08E-10	6.80E-11	8.95E-11	1.42E-10	2.50E-11	1.39E-10	7.85E-10
5412	487564.41	3856860.83	1.14E-06	1.13E-06	1.09E-06	3.95E-10	1.19E-09	6.90E-10	6.81E-10	6.17E-10	2.82E-10	2.74E-10	1.32E-11	3.18E-10	7.03E-11	9.25E-11	1.47E-10	2.59E-11	1.44E-10	8.11E-10
5413	487563.31	3856931.58	1.21E-06	1.20E-06	1.16E-06	4.20E-10	1.27E-09	7.33E-10	7.24E-10	6.56E-10	2.99E-10	2.91E-10	1.40E-11	3.38E-10	7.47E-11	9.83E-11	1.56E-10	2.75E-11	1.53E-10	8.61E-10
5414	487782.7	3856926.85	1.26E-06	1.25E-06	1.21E-06	4.38E-10	1.32E-09	7.65E-10	7.55E-10	6.84E-10	3.12E-10	3.03E-10	1.46E-11	3.53E-10	7.79E-11	1.03E-10	1.63E-10	2.87E-11	1.59E-10	8.98E-10
5415	487782.39	3856757.07	1.10E-06	1.09E-06	1.06E-06	3.82E-10	1.15E-09	6.68E-10	6.59E-10	5.97E-10	2.73E-10	2.65E-10	1.28E-11	3.08E-10	6.80E-11	8.95E-11	1.42E-10	2.50E-11	1.39E-10	7.84E-10
5416	487917.26	3856752.41	1.14E-06	1.13E-06	1.10E-06	3.96E-10	1.20E-09	6.93E-10	6.84E-10	6.20E-10	2.83E-10	2.75E-10	1.32E-11	3.20E-10	7.05E-11	9.28E-11	1.47E-10	2.59E-11	1.44E-10	8.13E-10
5417	487919.57	3856953.35	1.34E-06	1.32E-06	1.28E-06	4.63E-10	1.40E-09	8.10E-10	8.00E-10	7.25E-10	3.31E-10	3.21E-10	1.55E-11	3.74E-10	8.25E-11	1.09E-10	1.72E-10	3.04E-11	1.69E-10	9.52E-10
5418	487932.76	3857000.32	1.39E-06	1.37E-06	1.33E-06	4.81E-10	1.45E-09	8.41E-10	8.30E-10	7.52E-10	3.43E-10	3.33E-10	1.61E-11	3.88E-10	8.56E-11	1.13E-10	1.79E-10	3.15E-11	1.75E-10	9.87E-10
5419	487960.5	3857044.75	1.45E-06	1.43E-06	1.39E-06	5.02E-10	1.51E-09	8.77E-10	8.65E-10	7.84E-10	3.58E-10	3.48E-10	1.67E-11	4.05E-10	8.93E-11	1.17E-10	1.86E-10	3.28E-11	1.82E-10	1.03E-09
5420	488016.54	3857089.54	1.52E-06	1.50E-06	1.46E-06	5.28E-10	1.59E-09	9.22E-10	9.10E-10	8.25E-10	3.77E-10	3.66E-10	1.76E-11	4.26E-10	9.39E-11	1.24E-10	1.96E-10	3.46E-11	1.92E-10	1.08E-09
5421	488114.39	3857165.47	1.68E-06	1.66E-06	1.61E-06	5.81E-10	1.75E-09	1.02E-09	1.00E-09	9.09E-10	4.15E-10	4.03E-10	1.94E-11	4.69E-10	1.03E-10	1.36E-10	2.16E-10	3.81E-11	2.11E-10	1.19E-09
5422	488171.49	3857234.24	1.83E-06	1.81E-06	1.75E-06	6.33E-10	1.91E-09	1.11E-09	1.09E-09	9.90E-10	4.52E-10	4.39E-10	2.12E-11	5.11E-10	1.13E-10	1.48E-10	2.35E-10	4.15E-11	2.30E-10	1.30E-09
5423	488193.16	3857297.8	1.98E-06	1.96E-06	1.90E-06	6.86E-10	2.07E-09	1.20E-09	1.18E-09	1.07E-09	4.90E-10	4.75E-10	2.29E-11	5.53E-10	1.22E-10	1.61E-10	2.55E-10	4.49E-11	2.49E-10	1.41E-09
5424	488189.27	3857649.94	3.33E-06	3.29E-06	3.19E-06	1.15E-09	3.48E-09	2.02E-09	1.99E-09	1.80E-09	8.23E-10	8.00E-10	3.85E-11	9.31E-10	2.05E-10	2.70E-10	4.29E-10	7.56E-11	4.20E-10	2.37E-09
5425	488127.43	3857732.32	3.95E-06	3.90E-06	3.79E-06	1.37E-09	4.13E-09	2.39E-09	2.36E-09	2.14E-09	9.77E-10	9.49E-10	4.57E-11	1.10E-09	2.44E-10	3.21E-10	5.09E-10	8.96E-11	4.98E-10	2.81E-09
5426	488149.93	3857752.94	4.15E-06	4.10E-06	3.98E-06	1.44E-09	4.34E-09	2.51E-09	2.48E-09	2.25E-09	1.03E-09	9.96E-10	4.80E-11	1.16E-09	2.56E-10	3.37E-10	5.34E-10	9.41E-11	5.23E-10	2.95E-09
5427	488144.76	3857758.71	4.21E-06	4.16E-06	4.03E-06	1.46E-09	4.40E-09	2.55E-09	2.51E-09	2.28E-09	1.04E-09	1.01E-09	4.87E-11	1.18E-09	2.59E-10	3.41E-10	5.41E-10	9.54E-11	5.30E-10	2.99E-09
5428	488335.58	3857932.55	8.51E-06	8.40E-06	8.16E-06	2.95E-09	8.90E-09	5.15E-09	5.08E-09	4.61E-09	2.10E-09	2.04E-09	9.84E-11	2.38E-09	5.24E-10	6.90E-10	1.09E-09	1.93E-10	1.07E-09	6.05E-09
5429	488372.29	3857943.79	9.39E-06	9.27E-06	9.00E-06	3.25E-09	9.82E-09	5.68E-09	5.61E-09	5.09E-09	2.32E-09	2.25E-09	1.09E-10	2.62E-09	5.79E-10	7.62E-10	1.21E-09	2.13E-10	1.18E-09	6.68E-09
5430	488828.64	3857936.4	1.12E-05	1.10E-05	1.07E-05	3.87E-09	1.17E-08	6.77E-09	6.68E-09	6.06E-09	2.76E-09	2.68E-09	1.29E-10	3.12E-09	6.89E-10	9.07E-10	1.44E-09	2.54E-10	1.41E-09	7.95E-09
5431	488829.08	3857959.58	1.25E-05	1.23E-05	1.20E-05	4.32E-09	1.31E-08	7.56E-09	7.46E-09	6.76E-09	3.09E-09	3.00E-09	1.44E-10	3.49E-09	7.70E-10	1.01E-09	1.61E-09	2.83E-10	1.57E-09	8.88E-09
5432	488351.61	3857964.55	1.09E-05	1.08E-05	1.04E-05	3.77E-09	1.14E-08	6.59E-09	6.51E-09	5.90E-09	2.69E-09	2.61E-09	1.26E-10	3.04E-09	6.71E-10	8.83E-10	1.40E-09	2.47E-10	1.37E-09	7.74E-09
5433	488316.87	3857947.65	9.36E-06	9.24E-06	8.97E-06	3.24E-09	9.78E-09	5.66E-09	5.59E-09	5.07E-09	2.31E-09	2.24E-09	1.08E-10	2.61E-09	5.77E-10	7.59E-10	1.20E-09	2.12E-10	1.18E-09	6.65E-09
5434	488129.1	3857775.77	4.41E-06	4.35E-06	4.22E-06	1.53E-09	4.61E-09	2.67E-09	2.63E-09	2.39E-09	1.09E-09	1.06E-09	5.09E-11	1.23E-09	2.72E-10	3.57E-10	5.67E-10	9.99E-11	5.55E-10	3.13E-09
5435	488062.53	3857846.13	5.24E-06	5.17E-06	5.02E-06	1.81E-09	5.47E-09	3.17E-09	3.13E-09	2.84E-09	1.29E-09	1.26E-09	6.05E-11	1.46E-09	3.23E-10	4.25E-10	6.74E-10	1.19E-10	6.59E-10	3.72E-09
5436	488330.41	3858091.34	1.80E-04	1.78E-04	1.73E-04	6.24E-08	1.88E-07	1.09E-07	1.08E-07	9.76E-08	4.45E-08	4.32E-08	2.08E-09	5.03E-08	1.11E-08	1.46E-08	2.32E-08	4.09E-09	2.27E-08	1.28E-07
5437	488470.87	3858174.45	1.03E-04	1.01E-04	9.83E-05	3.55E-08	1.07E-07	6.21E-08	6.13E-08	5.55E-08	2.53E-08	2.46E-08	1.19E-09	2.86E-08	6.32E-09	8.32E-09	1.32E-08	2.33E-09	1.29E-08	7.29E-08
5438	488568.9	3858262.31	9.69E-05	9.56E-05	9.29E-05	3.35E-08	1.01E-07	5.86E-08	5.79E-08	5.25E-08	2.39E-08	2.32E-08	1.12E-09	2.71E-08	5.97E-09	7.86E-09	1.25E-08	2.20E-09	1.22E-08	6.89E-08
5439	488964.27	3858025.71	1.52E-05	1.50E-05	1.46E-05	5.27E-09	1.59E-08	9.21E-09	9.09E-09	8.24E-09	3.76E-09	3.65E-09	1.76E-10	4.25E-09	9.38E-10	1.23E-09	1.96E-09	3.45E-10	1.92E-09	1.08E-08
5440	489147.25	3857956.64	1.13E-05	1.11E-05	1.08E-05	3.90E-09	1.18E-08	6.82E-09	6.73E-09	6.10E-09	2.78E-09	2.70E-09	1.30E-10	3.15E-09	6.94E-10	9.13E-10	1.45E-09	2.55E-10	1.42E-09	8.00E-09
5441	489343.52	3857932.45	1.01E-05	9.96E-06	9.67E-06	3.49E-09	1.05E-08	6.11E-09	6.03E-09	5.46E-09	2.49E-09	2.42E-09	1.17E-10	2.82E-09	6.22E-10	8.18E-10	1.30E-09	2.29E-10	1.27E-09	7.17E-09
5442	489866.19	3857923.19	9.91E-06	9.78E-06	9.50E-06	3.43E-09	1.04E-08	6.00E-09	5.92E-09	5.36E-09	2.45E-09	2.38E-09	1.15E-10	2.77E-09	6.11E-10	8.03E-10	1.27E-09	2.25E-10	1.25E-09	7.04E-09
5443	489955.65	3857902.27	9.47E-06	9.35E-06	9.08E-06	3.28E-09	9.90E-09	5.73E-09	5.66E-09	5.13E-09	2.34E-09	2.27E-09	1.10E-10	2.65E-09	5.84E-10	7.68E-10	1.22E-09	2.15E-10	1.19E-09	6.73E-09
5444	490079.44	3857847.9	8.67E-06	8.55E-06	8.30E-06	3.00E-09	9.06E-09	5.24E-09	5.17E-09	4.69E-09	2.14E-09	2.08E-09	1.00E-10	2.42E-09	5.34E-10	7.03E-10	1.11E-09	1.96E-10	1.09E-09	6.16E-09
5445	490108.49	3857934.13	1.07E-05	1.05E-05	1.02E-05	3.70E-09	1.12E-08	6.47E-09	6.38E-09	5.79E-09	2.64E-09	2.56E-09	1.24E-10	2.98E-09	6.59E-10	8.67E-10	1.37E-09	2.42E-10	1.35E-09	7.60E-09
5446	489884.48	3858014.17	1.26E-05	1.24E-05	1.21E-05	4.35E-09	1.31E-08	7.61E-09	7.51E-09	6.81E-09	3.11E-09	3.02E-09	1.45E-10	3.51E-09	7.75E-10	1.02E-09	1.62E-09	2.85E-10	1.58E-09	8.94E-09
5447	489326.56	3858025.86	1.30E-05	1.28E-05	1.24E-05	4.50E-09	1.36E-08	7.86E-09	7.76E-09	7.03E-09	3.21E-09	3.12E-09	1.50E-10	3.63E-09	8.00E-10	1.05E-09	1.67E-09	2.94E-10	1.64E-09	9.23E-09
5448	489130.38	3858056.71	1.51E-05	1.49E-05	1.45E-05	5.23E-09	1.58E-08	9.14E-09	9.02E-09	8.18E-09	3.73E-09	3.62E-09	1.75E-10	4.22E-09	9.30E-10	1.22E-09	1.94E-09	3.42E-10	1.90E-09	1.07E-08
5449	488936.49	3858143.93	2.22E-05	2.19E-05	2.13E-05	7.68E-09	2.32E-08	1.34E-08	1.33E-08	1.20E-08	5.48E-09	5.32E-09	2.57E-10	6.20E-09	1.37E-09	1.80E-09	2.86E-09	5.03E-10	2.79E-09	1.58E-08
5450	488638.08	3858327.45	9.66E-05	9.53E-05	9.26E-05	3.34E-08	1.01E-07	5.85E-08	5.77E-08	5.23E-08	2.39E-08	2.32E-08	1.12E-09	2.70E-08	5.95E-09	7.83E-09	1.24E-08	2.19E-09	1.22E-08	6.87E-08
5451	488663.79	3858349.57	9.50E-05	9.38E-05	9.11E-05	3.29E-08	9.93E-08	5.75E-08	5.68E-08	5.15E-08	2.35E-08	2.28E-08	1.10E-09	2.65E-08	5.86E-09	7.71E-09	1.22E-08	2.15E-09	1.20E-08	6.75E-08
5452	488694.56	3858349.5	7.72E-05	7.62E-05	7.40E-05	2.67E-08	8.07E-08	4.67E-08	4.61E-08	4.18E-08	1.91E-08	1.85E-08	8.92E-10	2.16E-08	4.76E-09	6.26E-09	9.93E-09	1.75E-09	9.72E-09	5.48E-08

5453	488694.35	3858336.75	7.15E-05	7.06E-05	6.85E-05	2.48E-08	7.47E-08	4.33E-08	4.27E-08	3.87E-08	1.77E-08	1.72E-08	8.27E-10	2.00E-08	4.41E-09	5.80E-09	9.20E-09	1.62E-09	9.00E-09	5.08E-08
5454	488712.81	3858336.38	6.49E-05	6.41E-05	6.22E-05	2.25E-08	6.79E-08	3.93E-08	3.88E-08	3.51E-08	1.60E-08	1.56E-08	7.50E-10	1.81E-08	4.00E-09	5.26E-09	8.35E-09	1.47E-09	8.17E-09	4.61E-08
5455	488713.23	3858367.46	7.75E-05	7.65E-05	7.43E-05	2.68E-08	8.10E-08	4.69E-08	4.63E-08	4.19E-08	1.91E-08	1.86E-08	8.96E-10	2.16E-08	4.77E-09	6.28E-09	9.97E-09	1.76E-09	9.75E-09	5.51E-08
5456	488704.63	3858384.05	9.25E-05	9.13E-05	8.87E-05	3.20E-08	9.67E-08	5.60E-08	5.52E-08	5.01E-08	2.29E-08	2.22E-08	1.07E-09	2.58E-08	5.70E-09	7.50E-09	1.19E-08	2.10E-09	1.16E-08	6.57E-08
5457	488604.15	3858488.29	3.05E-05	3.01E-05	2.93E-05	1.06E-08	3.19E-08	1.85E-08	1.82E-08	1.65E-08	7.54E-09	7.33E-09	3.53E-10	8.53E-09	1.88E-09	2.48E-09	3.93E-09	6.92E-10	3.84E-09	2.17E-08
5458	488605.66	3858550.47	2.29E-05	2.26E-05	2.19E-05	7.91E-09	2.39E-08	1.38E-08	1.37E-08	1.24E-08	5.65E-09	5.48E-09	2.64E-10	6.38E-09	1.41E-09	1.85E-09	2.94E-09	5.18E-10	2.88E-09	1.62E-08
5459	488692.68	3858548.71	3.44E-05	3.40E-05	3.30E-05	1.19E-08	3.60E-08	2.08E-08	2.06E-08	1.86E-08	8.50E-09	8.26E-09	3.98E-10	9.61E-09	2.12E-09	2.79E-09	4.43E-09	7.80E-10	4.33E-09	2.45E-08
5460	488759.93	3858461.81	1.18E-04	1.17E-04	1.13E-04	4.09E-08	1.24E-07	7.16E-08	7.06E-08	6.40E-08	2.92E-08	2.84E-08	1.37E-09	3.30E-08	7.29E-09	9.59E-09	1.52E-08	2.68E-09	1.49E-08	8.40E-08
5461	488816.57	3858541.79	1.67E-04	1.65E-04	1.60E-04	5.77E-08	1.74E-07	1.01E-07	9.96E-08	9.03E-08	4.12E-08	4.00E-08	1.93E-09	4.66E-08	1.03E-08	1.35E-08	2.14E-08	3.78E-09	2.10E-08	1.18E-07
5462	488944.63	3858656.77	1.63E-04	1.61E-04	1.56E-04	5.65E-08	1.70E-07	9.87E-08	9.74E-08	8.83E-08	4.03E-08	3.91E-08	1.89E-09	4.55E-08	1.00E-08	1.32E-08	2.10E-08	3.70E-09	2.05E-08	1.16E-07
5463	489134.91	3858830.7	1.75E-04	1.73E-04	1.68E-04	6.06E-08	1.83E-07	1.06E-07	1.05E-07	9.48E-08	4.33E-08	4.20E-08	2.02E-09	4.89E-08	1.08E-08	1.42E-08	2.25E-08	3.97E-09	2.20E-08	1.24E-07
5464	489193.99	3858886.05	2.05E-04	2.02E-04	1.97E-04	7.10E-08	2.14E-07	1.24E-07	1.22E-07	1.11E-07	5.07E-08	4.92E-08	2.37E-09	5.73E-08	1.26E-08	1.66E-08	2.64E-08	4.65E-09	2.58E-08	1.46E-07
5465	489295.2	3858954.34	8.78E-05	8.67E-05	8.42E-05	3.04E-08	9.18E-08	5.31E-08	5.24E-08	4.75E-08	2.17E-08	2.11E-08	1.02E-09	2.45E-08	5.41E-09	7.12E-09	1.13E-08	1.99E-09	1.11E-08	6.24E-08
5466	489295.64	3858992.74	7.62E-05	7.52E-05	7.30E-05	2.64E-08	7.96E-08	4.61E-08	4.55E-08	4.12E-08	1.88E-08	1.83E-08	8.81E-10	2.13E-08	4.69E-09	6.18E-09	9.80E-09	1.73E-09	9.59E-09	5.41E-08
5467	489183.74	3858911.72	9.66E-05	9.53E-05	9.25E-05	3.34E-08	1.01E-07	5.84E-08	5.77E-08	5.23E-08	2.38E-08	2.32E-08	1.12E-09	2.70E-08	5.95E-09	7.83E-09	1.24E-08	2.19E-09	1.22E-08	6.86E-08
5468	488873.37	3858625.59	7.34E-05	7.24E-05	7.04E-05	2.54E-08	7.67E-08	4.44E-08	4.38E-08	3.97E-08	1.81E-08	1.76E-08	8.49E-10	2.05E-08	4.52E-09	5.95E-09	9.44E-09	1.66E-09	9.24E-09	5.22E-08
5469	488842.84	3858658.69	4.40E-05	4.34E-05	4.21E-05	1.52E-08	4.60E-08	2.66E-08	2.63E-08	2.38E-08	1.09E-08	1.05E-08	5.08E-10	1.23E-08	2.71E-09	3.56E-09	5.66E-09	9.97E-10	5.53E-09	3.12E-08
5470	488856.39	3858670.93	4.46E-05	4.41E-05	4.28E-05	1.55E-08	4.67E-08	2.70E-08	2.67E-08	2.42E-08	1.10E-08	1.07E-08	5.16E-10	1.25E-08	2.75E-09	3.62E-09	5.74E-09	1.01E-09	5.62E-09	3.17E-08
5471	488805.7	3858724.5	2.54E-05	2.50E-05	2.43E-05	8.78E-09	2.65E-08	1.54E-08	1.52E-08	1.37E-08	6.27E-09	6.09E-09	2.93E-10	7.08E-09	1.56E-09	2.06E-09	3.26E-09	5.75E-10	3.19E-09	1.80E-08
5472	488805.87	3858804.16	1.97E-05	1.94E-05	1.89E-05	6.82E-09	2.06E-08	1.19E-08	1.18E-08	1.07E-08	4.86E-09	4.72E-09	2.28E-10	5.50E-09	1.21E-09	1.60E-09	2.53E-09	4.46E-10	2.48E-09	1.40E-08
5473	488995.78	3858936.96	2.45E-05	2.42E-05	2.35E-05	8.50E-09	2.57E-08	1.49E-08	1.47E-08	1.33E-08	6.06E-09	5.89E-09	2.84E-10	6.85E-09	1.51E-09	1.99E-09	3.16E-09	5.56E-10	3.09E-09	1.74E-08
5474	489130.76	3859017.38	3.60E-05	3.56E-05	3.45E-05	1.25E-08	3.77E-08	2.18E-08	2.15E-08	1.95E-08	8.90E-09	8.64E-09	4.17E-10	1.01E-08	2.22E-09	2.92E-09	4.63E-09	8.17E-10	4.54E-09	2.56E-08
5475	489130.92	3859052.24	3.40E-05	3.36E-05	3.26E-05	1.18E-08	3.56E-08	2.06E-08	2.03E-08	1.84E-08	8.40E-09	8.16E-09	3.93E-10	9.50E-09	2.10E-09	2.76E-09	4.38E-09	7.71E-10	4.28E-09	2.42E-08
5476	489200.33	3859090.6	5.98E-05	5.90E-05	5.73E-05	2.07E-08	6.25E-08	3.62E-08	3.57E-08	3.24E-08	1.48E-08	1.43E-08	6.91E-10	1.67E-08	3.68E-09	4.85E-09	7.69E-09	1.36E-09	7.53E-09	4.25E-08
5477	489296.07	3859143.7	6.53E-05	6.45E-05	6.26E-05	2.26E-08	6.83E-08	3.95E-08	3.90E-08	3.54E-08	1.61E-08	1.57E-08	7.55E-10	1.82E-08	4.02E-09	5.30E-09	8.40E-09	1.48E-09	8.22E-09	4.64E-08
5478	489296.43	3858954.74	8.70E-05	8.59E-05	8.34E-05	3.01E-08	9.09E-08	5.26E-08	5.20E-08	4.71E-08	2.15E-08	2.09E-08	1.01E-09	2.43E-08	5.36E-09	7.05E-09	1.12E-08	1.97E-09	1.10E-08	6.18E-08
5479	489410.33	3859033.19	4.47E-05	4.41E-05	4.28E-05	1.55E-08	4.67E-08	2.70E-08	2.67E-08	2.42E-08	1.10E-08	1.07E-08	5.16E-10	1.25E-08	2.75E-09	3.62E-09	5.75E-09	1.01E-09	5.62E-09	3.18E-08
5480	489371.37	3859089.8	4.66E-05	4.60E-05	4.47E-05	1.61E-08	4.87E-08	2.82E-08	2.78E-08	2.52E-08	1.15E-08	1.12E-08	5.39E-10	1.30E-08	2.87E-09	3.78E-09	5.99E-09	1.06E-09	5.86E-09	3.31E-08
5481	489390.52	3859102.82	4.30E-05	4.24E-05	4.12E-05	1.49E-08	4.49E-08	2.60E-08	2.57E-08	2.33E-08	1.06E-08	1.03E-08	4.97E-10	1.20E-08	2.65E-09	3.48E-09	5.53E-09	9.74E-10	5.41E-09	3.05E-08
5482	489382.3	3859114.53	4.38E-05	4.33E-05	4.20E-05	1.52E-08	4.58E-08	2.65E-08	2.62E-08	2.37E-08	1.08E-08	1.05E-08	5.07E-10	1.22E-08	2.70E-09	3.55E-09	5.64E-09	9.94E-10	5.52E-09	3.11E-08
5483	489363.04	3859102.45	4.76E-05	4.70E-05	4.57E-05	1.65E-08	4.98E-08	2.88E-08	2.85E-08	2.58E-08	1.18E-08	1.14E-08	5.51E-10	1.33E-08	2.94E-09	3.86E-09	6.13E-09	1.08E-09	6.00E-09	3.39E-08
5484	489337.52	3859140.71	5.18E-05	5.11E-05	4.96E-05	1.79E-08	5.41E-08	3.13E-08	3.09E-08	2.80E-08	1.28E-08	1.24E-08	5.99E-10	1.45E-08	3.19E-09	4.20E-09	6.66E-09	1.17E-09	6.52E-09	3.68E-08
5485	489375.14	3859164.55	4.35E-05	4.29E-05	4.17E-05	1.51E-08	4.55E-08	2.63E-08	2.60E-08	2.36E-08	1.07E-08	1.04E-08	5.03E-10	1.21E-08	2.68E-09	3.53E-09	5.60E-09	9.86E-10	5.48E-09	3.09E-08
5486	489409.3	3859114.5	4.00E-05	3.95E-05	3.83E-05	1.39E-08	4.18E-08	2.42E-08	2.39E-08	2.17E-08	9.88E-09	9.60E-09	4.63E-10	1.12E-08	2.47E-09	3.24E-09	5.15E-09	9.07E-10	5.04E-09	2.84E-08
5487	489434.87	3859131.81	3.66E-05	3.61E-05	3.51E-05	1.27E-08	3.83E-08	2.21E-08	2.19E-08	1.98E-08	9.04E-09	8.78E-09	4.23E-10	1.02E-08	2.26E-09	2.97E-09	4.71E-09	8.30E-10	4.61E-09	2.60E-08
5488	489471.87	3859075.75	3.62E-05	3.58E-05	3.47E-05	1.25E-08	3.79E-08	2.19E-08	2.16E-08	1.96E-08	8.95E-09	8.69E-09	4.19E-10	1.01E-08	2.23E-09	2.94E-09	4.66E-09	8.21E-10	4.56E-09	2.57E-08
5489	489602.62	3859164.69	2.64E-05	2.60E-05	2.53E-05	9.12E-09	2.75E-08	1.59E-08	1.57E-08	1.43E-08	6.51E-09	6.32E-09	3.05E-10	7.36E-09	1.62E-09	2.14E-09	3.39E-09	5.97E-10	3.32E-09	1.87E-08
5490	489558.29	3859232.45	2.58E-05	2.54E-05	2.47E-05	8.91E-09	2.69E-08	1.56E-08	1.54E-08	1.39E-08	6.36E-09	6.18E-09	2.98E-10	7.19E-09	1.59E-09	2.09E-09	3.31E-09	5.84E-10	3.24E-09	1.83E-08
5491	489620.11	3859273.56	2.25E-05	2.22E-05	2.15E-05	7.78E-09	2.35E-08	1.36E-08	1.34E-08	1.22E-08	5.55E-09	5.39E-09	2.60E-10	6.28E-09	1.39E-09	1.82E-09	2.89E-09	5.10E-10	2.83E-09	1.60E-08
5492	489666.06	3859206.42	2.34E-05	2.31E-05	2.24E-05	8.08E-09	2.44E-08	1.41E-08	1.39E-08	1.26E-08	5.77E-09	5.60E-09	2.70E-10	6.52E-09	1.44E-09	1.89E-09	3.00E-09	5.29E-10	2.94E-09	1.66E-08
5493	489787.9	3859285.65	1.89E-05	1.87E-05	1.81E-05	6.55E-09	1.98E-08	1.15E-08	1.13E-08	1.02E-08	4.67E-09	4.54E-09	2.19E-10	5.28E-09	1.17E-09	1.53E-09	2.43E-09	4.29E-10	2.38E-09	1.34E-08
5494	489752.17	3859343.13	1.75E-05	1.72E-05	1.67E-05	6.04E-09	1.82E-08	1.06E-08	1.04E-08	9.45E-09	4.31E-09	4.19E-09	2.02E-10	4.88E-09	1.08E-09	1.42E-09	2.25E-09	3.96E-10	2.20E-09	1.24E-08
5495	489814.94	3859385.33	1.53E-05	1.51E-05	1.47E-05	5.31E-09	1.60E-08	9.28E-09	9.16E-09	8.31E-09	3.79E-09	3.68E-09	1.77E-10	4.28E-09	9.45E-10	1.24E-09	1.97E-09	3.48E-10	1.93E-09	1.09E-08
5496	489853.42	3859330.74	1.70E-05	1.68E-05	1.63E-05	5.88E-09	1.78E-08	1.03E-08	1.01E-08	9.19E-09	4.19E-09	4.07E-09	1.96E-10	4.74E-09	1.05E-09	1.38E-09	2.18E-09	3.85E-10	2.14E-09	1.21E-08
5497	489969.5	3859401.91	1.39E-05	1.37E-05	1.34E-05	4.82E-09	1.46E-08	8.43E-09	8.32E-09	7.54E-09	3.44E-09	3.34E-09	1.61E-10	3.89E-09	8.58E-10	1.13E-09	1.79E-09	3.16E-10	1.75E-09	9.90E-09
5498	490166.91	3859486.96	1.10E-05	1.08E-05	1.05E-05	3.80E-09	1.15E-08	6.64E-09	6.55E-09	5.94E-09	2.71E-09	2.63E-09	1.27E-10	3.06E-09	6.76E-10	8.90E-10	1.41E-09	2.49E-10	1.38E-09	7.80E-09
5499	490128.86	3859571.46	8.61E-06	8.49E-06	8.25E-06	2.98E-09	9.00E-09	5.21E-09	5.14E-09	4.66E-09	2.13E-09	2.06E-09	9.95E-11	2.40E-09	5.30E-10	6.98E-10	1.11E-09	1.95E-10	1.08E-09	6.12E-09
5500	490186.65	3859593.65	8.08E-06	7.98E-06	7.75E-06	2.80E-09	8.45E-09	4.89E-09	4.83E-09	4.37E-09	2.00E-09	1.94E-09	9.34E-11	2.26E-09	4.98E-10	6.55E-10	1.04E-09	1.83E-10	1.02E-09	5.74E-09
5501	490223.74	3859517.48	1.04E-05	1.02E-05	9.95E-06	3.59E-09	1.08E-08	6.28E-09	6.20E-09	5.62E-09	2.56E-09	2.49E-09	1.20E-10	2.90E-09	6.39E-10	8.41E-10	1.33E-09	2.35E-10	1.31E-09	7.37E-09
5502	490846.34	3859817.22	6.49E-06	6.40E-06	6.22E-06	2.25E-09	6.78E-09	3.93E-09	3.87E-09	3.51E-09	1.60E-09	1.56E-09	7.50E-11	1.81E-09	4.00E-10	5.26E-10	8.34E-10	1.47E-10	8.17E-10	4.61E-09
5503	490925.65	3859844.59	6.31E-06	6.23E-06	6.05E-06	2.18E-09	6.60E-09	3.82E-09	3.77E-09	3.42E-09	1.56E-09	1.51E-09	7.30E-11	1.76E-09	3.89E-10	5.12E-10	8.12E-10	1.43E-10	7.94E-10	4.49E-09
5504	491159.29	3859896.28	6.03E-06	5.95E-06	5.78E-06	2.09E-09	6.31E-09	3.65E-09	3.60E-09	3.27E-09	1.49E-09	1.45E-09	6.97E-11	1.68E-09	3.72E-10	4.89E-10	7.76E-10	1.37E-10	7.59E-10	4.29E-09
5505	491370.69	3859960.89	5.56E-06	5.49E-06	5.33E-06	1.92E-09	5.81E-09	3.36E-09	3.32E-09	3.01E-09	1.37E-09	1.33E-09	6.43E-11	1.55E-09	3.43E-10	4.51E-10	7.15E-10	1.26E-10	7.00E-10	3.95E-09

5506	491330.28	3860063.17	3.51E-06	3.46E-06	3.36E-06	1.21E-09	3.67E-09	2.12E-09	2.10E-09	1.90E-09	8.67E-10	8.42E-10	4.06E-11	9.80E-10	2.16E-10	2.85E-10	4.51E-10	7.96E-11	4.42E-10	2.49E-09
5507	491636.45	3860180.75	3.02E-06	2.98E-06	2.89E-06	1.04E-09	3.16E-09	1.83E-09	1.80E-09	1.63E-09	7.46E-10	7.24E-10	3.49E-11	8.43E-10	1.86E-10	2.45E-10	3.88E-10	6.84E-11	3.80E-10	2.15E-09
5508	491617.94	3860203.93	2.92E-06	2.88E-06	2.80E-06	1.01E-09	3.05E-09	1.77E-09	1.74E-09	1.58E-09	7.21E-10	7.00E-10	3.37E-11	8.15E-10	1.80E-10	2.37E-10	3.76E-10	6.62E-11	3.68E-10	2.07E-09
5509	491805.68	3860271.59	2.68E-06	2.64E-06	2.56E-06	9.26E-10	2.80E-09	1.62E-09	1.60E-09	1.45E-09	6.61E-10	6.42E-10	3.09E-11	7.47E-10	1.65E-10	2.17E-10	3.44E-10	6.06E-11	3.37E-10	1.90E-09
5510	491654.23	3860414.02	2.36E-06	2.33E-06	2.26E-06	8.16E-10	2.46E-09	1.43E-09	1.41E-09	1.28E-09	5.82E-10	5.66E-10	2.73E-11	6.58E-10	1.45E-10	1.91E-10	3.03E-10	5.34E-11	2.97E-10	1.68E-09
5511	491592.62	3860510.76	2.17E-06	2.14E-06	2.08E-06	7.50E-10	2.26E-09	1.31E-09	1.29E-09	1.17E-09	5.35E-10	5.20E-10	2.50E-11	6.05E-10	1.33E-10	1.76E-10	2.79E-10	4.91E-11	2.73E-10	1.54E-09
5512	491475.41	3860368.93	2.43E-06	2.40E-06	2.33E-06	8.43E-10	2.55E-09	1.47E-09	1.45E-09	1.32E-09	6.01E-10	5.84E-10	2.81E-11	6.80E-10	1.50E-10	1.97E-10	3.13E-10	5.52E-11	3.07E-10	1.73E-09
5513	491445.61	3860337.28	2.51E-06	2.47E-06	2.40E-06	8.68E-10	2.62E-09	1.52E-09	1.50E-09	1.36E-09	6.19E-10	6.01E-10	2.90E-11	7.00E-10	1.54E-10	2.03E-10	3.22E-10	5.68E-11	3.16E-10	1.78E-09
5514	491399.05	3860300.37	2.61E-06	2.57E-06	2.50E-06	9.03E-10	2.73E-09	1.58E-09	1.56E-09	1.41E-09	6.44E-10	6.26E-10	3.01E-11	7.28E-10	1.61E-10	2.11E-10	3.35E-10	5.91E-11	3.28E-10	1.85E-09
5515	491228.84	3860235.98	2.80E-06	2.77E-06	2.69E-06	9.71E-10	2.93E-09	1.70E-09	1.67E-09	1.52E-09	6.93E-10	6.73E-10	3.24E-11	7.83E-10	1.73E-10	2.27E-10	3.61E-10	6.36E-11	3.53E-10	1.99E-09
5516	491228.47	3860174.57	3.00E-06	2.96E-06	2.87E-06	1.04E-09	3.13E-09	1.81E-09	1.79E-09	1.62E-09	7.41E-10	7.19E-10	3.47E-11	8.37E-10	1.85E-10	2.43E-10	3.86E-10	6.80E-11	3.78E-10	2.13E-09
5517	491145.77	3860112.55	3.25E-06	3.21E-06	3.12E-06	1.13E-09	3.40E-09	1.97E-09	1.94E-09	1.76E-09	8.03E-10	7.80E-10	3.76E-11	9.08E-10	2.00E-10	2.64E-10	4.18E-10	7.37E-11	4.09E-10	2.31E-09
5518	490844.41	3859966.22	4.05E-06	4.00E-06	3.89E-06	1.40E-09	4.24E-09	2.45E-09	2.42E-09	2.19E-09	1.00E-09	9.73E-10	4.69E-11	1.13E-09	2.50E-10	3.29E-10	5.22E-10	9.19E-11	5.10E-10	2.88E-09
5519	490845.55	3859928.15	4.30E-06	4.25E-06	4.12E-06	1.49E-09	4.50E-09	2.60E-09	2.57E-09	2.33E-09	1.06E-09	1.03E-09	4.97E-11	1.20E-09	2.65E-10	3.49E-10	5.53E-10	9.75E-11	5.42E-10	3.06E-09
5520	490046.91	3859625.6	8.07E-06	7.96E-06	7.73E-06	2.79E-09	8.43E-09	4.88E-09	4.82E-09	4.37E-09	1.99E-09	1.94E-09	9.33E-11	2.25E-09	4.97E-10	6.54E-10	1.04E-09	1.83E-10	1.02E-09	5.73E-09
5521	489970.48	3859589.4	9.06E-06	8.94E-06	8.68E-06	3.14E-09	9.47E-09	5.48E-09	5.41E-09	4.90E-09	2.24E-09	2.17E-09	1.05E-10	2.53E-09	5.58E-10	7.35E-10	1.17E-09	2.05E-10	1.14E-09	6.44E-09
5522	489865.89	3859529.06	1.11E-05	1.10E-05	1.07E-05	3.86E-09	1.16E-08	6.74E-09	6.65E-09	6.03E-09	2.75E-09	2.67E-09	1.29E-10	3.11E-09	6.87E-10	9.03E-10	1.43E-09	2.53E-10	1.40E-09	7.92E-09
5523	489826.89	3859531.74	1.15E-05	1.13E-05	1.10E-05	3.98E-09	1.20E-08	6.95E-09	6.86E-09	6.22E-09	2.84E-09	2.75E-09	1.33E-10	3.21E-09	7.08E-10	9.31E-10	1.48E-09	2.60E-10	1.45E-09	8.16E-09
5524	489410.47	3859303.06	3.59E-05	3.55E-05	3.44E-05	1.24E-08	3.75E-08	2.17E-08	2.15E-08	1.94E-08	8.87E-09	8.62E-09	4.15E-10	1.00E-08	2.21E-09	2.91E-09	4.62E-09	8.14E-10	4.52E-09	2.55E-08
5525	489407.15	3859286.09	3.66E-05	3.61E-05	3.51E-05	1.27E-08	3.83E-08	2.21E-08	2.19E-08	1.98E-08	9.04E-09	8.78E-09	4.23E-10	1.02E-08	2.26E-09	2.97E-09	4.71E-09	8.30E-10	4.61E-09	2.60E-08
5526	488806.07	3858963.62	1.39E-05	1.37E-05	1.33E-05	4.81E-09	1.45E-08	8.41E-09	8.30E-09	7.52E-09	3.43E-09	3.33E-09	1.61E-10	3.88E-09	8.56E-10	1.13E-09	1.79E-09	3.15E-10	1.75E-09	9.88E-09
5527	488817.64	3859546.3	6.79E-06	6.70E-06	6.51E-06	2.35E-09	7.10E-09	4.11E-09	4.05E-09	3.68E-09	1.68E-09	1.63E-09	7.85E-11	1.90E-09	4.18E-10	5.51E-10	8.73E-10	1.54E-10	8.55E-10	4.83E-09
5528	489187.25	3859549.52	3.51E-05	3.47E-05	3.37E-05	1.22E-08	3.67E-08	2.13E-08	2.10E-08	1.90E-08	8.68E-09	8.42E-09	4.06E-10	9.81E-09	2.16E-09	2.85E-09	4.52E-09	7.96E-10	4.42E-09	2.50E-08
5529	489187.66	3859523.74	4.64E-05	4.58E-05	4.44E-05	1.61E-08	4.85E-08	2.81E-08	2.77E-08	2.51E-08	1.15E-08	1.11E-08	5.36E-10	1.29E-08	2.86E-09	3.76E-09	5.96E-09	1.05E-09	5.84E-09	3.30E-08
5530	489232.59	3859522.85	1.05E-04	1.04E-04	1.01E-04	3.64E-08	1.10E-07	6.35E-08	6.27E-08	5.69E-08	2.59E-08	2.52E-08	1.21E-09	2.93E-08	6.47E-09	8.52E-09	1.35E-08	2.38E-09	1.32E-08	7.46E-08
5531	489224.98	3859759.91	1.70E-05	1.68E-05	1.63E-05	5.88E-09	1.78E-08	1.03E-08	1.01E-08	9.19E-09	4.19E-09	4.07E-09	1.96E-10	4.74E-09	1.05E-09	1.38E-09	2.18E-09	3.85E-10	2.14E-09	1.21E-08
5532	488401.39	3859763.34	3.45E-06	3.41E-06	3.31E-06	1.20E-09	3.61E-09	2.09E-09	2.06E-09	1.87E-09	8.53E-10	8.28E-10	3.99E-11	9.64E-10	2.13E-10	2.80E-10	4.44E-10	7.83E-11	4.35E-10	2.45E-09
5533	488405.51	3859966.16	2.90E-06	2.86E-06	2.78E-06	1.00E-09	3.03E-09	1.75E-09	1.73E-09	1.57E-09	7.16E-10	6.95E-10	3.35E-11	8.09E-10	1.79E-10	2.35E-10	3.73E-10	6.57E-11	3.65E-10	2.06E-09
5534	489202.85	3859956.57	7.51E-06	7.41E-06	7.20E-06	2.60E-09	7.85E-09	4.54E-09	4.48E-09	4.06E-09	1.85E-09	1.80E-09	8.68E-11	2.10E-09	4.63E-10	6.09E-10	9.66E-10	1.70E-10	9.45E-10	5.34E-09
5535	489191.9	3860676.74	8.19E-06	8.08E-06	7.85E-06	2.83E-09	8.56E-09	4.95E-09	4.89E-09	4.43E-09	2.02E-09	1.96E-09	9.47E-11	2.29E-09	5.05E-10	6.64E-10	1.05E-09	1.86E-10	1.03E-09	5.82E-09
5536	488392.82	3860687.88	1.82E-06	1.80E-06	1.74E-06	6.30E-10	1.90E-09	1.10E-09	1.09E-09	9.85E-10	4.49E-10	4.36E-10	2.10E-11	5.08E-10	1.12E-10	1.47E-10	2.34E-10	4.12E-11	2.29E-10	1.29E-09
5537	488392.82	3860760.27	1.76E-06	1.74E-06	1.69E-06	6.09E-10	1.84E-09	1.07E-09	1.05E-09	9.53E-10	4.35E-10	4.22E-10	2.04E-11	4.92E-10	1.08E-10	1.43E-10	2.26E-10	3.99E-11	2.22E-10	1.25E-09
5538	487549.05	3860777.45	1.28E-06	1.26E-06	1.23E-06	4.43E-10	1.34E-09	7.75E-10	7.65E-10	6.93E-10	3.16E-10	3.07E-10	1.48E-11	3.58E-10	7.89E-11	1.04E-10	1.65E-10	2.90E-11	1.61E-10	9.10E-10
5539	487554.62	3859571.83	2.43E-06	2.39E-06	2.32E-06	8.40E-10	2.54E-09	1.47E-09	1.45E-09	1.31E-09	5.99E-10	5.82E-10	2.80E-11	6.77E-10	1.49E-10	1.97E-10	3.12E-10	5.50E-11	3.05E-10	1.72E-09
5540	485949.46	3859558.54	1.10E-06	1.09E-06	1.06E-06	3.83E-10	1.15E-09	6.69E-10	6.60E-10	5.98E-10	2.73E-10	2.65E-10	1.28E-11	3.09E-10	6.81E-11	8.96E-11	1.42E-10	2.50E-11	1.39E-10	7.85E-10
5541	485947.55	3857943.61	1.17E-06	1.15E-06	1.12E-06	4.04E-10	1.22E-09	7.07E-10	6.98E-10	6.32E-10	2.89E-10	2.80E-10	1.35E-11	3.26E-10	7.20E-11	9.47E-11	1.50E-10	2.65E-11	1.47E-10	8.30E-10
5542	484738.38	3857940.21	7.32E-07	7.23E-07	7.02E-07	2.54E-10	7.66E-10	4.43E-10	4.37E-10	3.96E-10	1.81E-10	1.76E-10	8.47E-12	2.04E-10	4.51E-11	5.94E-11	9.42E-11	1.66E-11	9.22E-11	5.20E-10
5543	484737.06	3857535.68	7.10E-07	7.01E-07	6.80E-07	2.46E-10	7.42E-10	4.30E-10	4.24E-10	3.84E-10	1.75E-10	1.70E-10	8.21E-12	1.98E-10	4.37E-11	5.76E-11	9.13E-11	1.61E-11	8.94E-11	5.05E-10
5544	483730.2	3857530.13	5.36E-07	5.29E-07	5.13E-07	1.85E-10	5.60E-10	3.24E-10	3.20E-10	2.90E-10	1.32E-10	1.28E-10	6.19E-12	1.50E-10	3.30E-11	4.34E-11	6.89E-11	1.21E-11	6.74E-11	3.81E-10
5545	483727.27	3857130.01	5.18E-07	5.12E-07	4.97E-07	1.79E-10	5.42E-10	3.14E-10	3.10E-10	2.81E-10	1.28E-10	1.24E-10	5.99E-12	1.45E-10	3.19E-11	4.20E-11	6.67E-11	1.18E-11	6.53E-11	3.68E-10
5546	483124.42	3857123.45	4.54E-07	4.48E-07	4.35E-07	1.57E-10	4.75E-10	2.75E-10	2.71E-10	2.46E-10	1.12E-10	1.09E-10	5.25E-12	1.27E-10	2.80E-11	3.68E-11	5.84E-11	1.03E-11	5.72E-11	3.23E-10
5547	483111.13	3855921.03	3.54E-07	3.49E-07	3.39E-07	1.23E-10	3.70E-10	2.14E-10	2.11E-10	1.92E-10	8.75E-11	8.49E-11	4.09E-12	9.89E-11	2.18E-11	2.87E-11	4.55E-11	8.03E-12	4.46E-11	2.52E-10
5548	482701.73	3855918.24	3.32E-07	3.28E-07	3.18E-07	1.15E-10	3.47E-10	2.01E-10	1.98E-10	1.80E-10	8.20E-11	7.96E-11	3.84E-12	9.27E-11	2.05E-11	2.69E-11	4.27E-11	7.53E-12	4.18E-11	2.36E-10
5549	482668.02	3853521.78	2.06E-07	2.03E-07	1.98E-07	7.14E-11	2.15E-10	1.25E-10	1.23E-10	1.12E-10	5.09E-11	4.94E-11	2.38E-12	5.76E-11	1.27E-11	1.67E-11	2.65E-11	4.67E-12	2.59E-11	1.46E-10
5550	482579.91	3853219.19	1.94E-07	1.91E-07	1.86E-07	6.72E-11	2.03E-10	1.17E-10	1.16E-10	1.05E-10	4.79E-11	4.65E-11	2.24E-12	5.42E-11	1.20E-11	1.57E-11	2.50E-11	4.40E-12	2.44E-11	1.38E-10
5551	482434.06	3852961.94	1.84E-07	1.82E-07	1.77E-07	6.38E-11	1.93E-10	1.11E-10	1.10E-10	9.98E-11	4.55E-11	4.42E-11	2.13E-12	5.15E-11	1.14E-11	1.49E-11	2.37E-11	4.18E-12	2.32E-11	1.31E-10
5552	482332.11	3852832.85	1.80E-07	1.77E-07	1.72E-07	6.22E-11	1.88E-10	1.09E-10	1.07E-10	9.73E-11	4.44E-11	4.31E-11	2.08E-12	5.02E-11	1.11E-11	1.46E-11	2.31E-11	4.07E-12	2.26E-11	1.28E-10
5553	481334.99	3851818.96	1.43E-07	1.41E-07	1.37E-07	4.96E-11	1.50E-10	8.67E-11	8.56E-11	7.76E-11	3.54E-11	3.44E-11	1.66E-12	4.00E-11	8.83E-12	1.16E-11	1.84E-11	3.25E-12	1.80E-11	1.02E-10
5554	481127.62	3851646.36	1.37E-07	1.36E-07	1.32E-07	4.76E-11	1.44E-10	8.31E-11	8.21E-11	7.44E-11	3.39E-11	3.30E-11	1.59E-12	3.84E-11	8.47E-12	1.11E-11	1.77E-11	3.12E-12	1.73E-11	9.77E-11
5555	481025.04	3851591.73	1.35E-07	1.33E-07	1.29E-07	4.66E-11	1.41E-10	8.14E-11	8.04E-11	7.28E-11	3.32E-11	3.23E-11	1.56E-12	3.76E-11	8.29E-12	1.09E-11	1.73E-11	3.05E-12	1.69E-11	9.56E-11
5556	480513.6	3851335.76	1.22E-07	1.20E-07	1.17E-07	4.22E-11	1.27E-10	7.38E-11	7.28E-11	6.60E-11	3.01E-11	2.92E-11	1.41E-12	3.40E-11	7.51E-12	9.89E-12	1.57E-11	2.76E-12	1.53E-11	8.67E-11
5557	480523.56	3851317.66	1.22E-07	1.20E-07	1.17E-07	4.23E-11	1.28E-10	7.39E-11	7.29E-11	6.61E-11	3.02E-11	2.93E-11	1.41E-12	3.41E-11	7.52E-12	9.90E-12	1.57E-11	2.77E-12	1.54E-11	8.67E-11
5558	476921.56	3849569.11	8.15E-08	8.04E-08	7.81E-08	2.82E-11	8.51E-11	4.93E-11	4.86E-11	4.41E-11	2.01E-11	1.95E-11	9.42E-13	2.27E-11	5.02E-12	6.61E-12	1.05E-11	1.85E-12	1.03E-11	5.79E-11

5559	476521.19	3849373.96	7.74E-08	7.64E-08	7.42E-08	2.68E-11	8.09E-11	4.69E-11	4.62E-11	4.19E-11	1.91E-11	1.86E-11	8.95E-13	2.16E-11	4.77E-12	6.28E-12	9.96E-12	1.76E-12	9.75E-12	5.50E-11
5560	476391.45	3849333.38	7.68E-08	7.58E-08	7.36E-08	2.66E-11	8.03E-11	4.65E-11	4.59E-11	4.16E-11	1.90E-11	1.84E-11	8.88E-13	2.14E-11	4.73E-12	6.23E-12	9.88E-12	1.74E-12	9.67E-12	5.46E-11
5561	476219.41	3849304.29	7.61E-08	7.51E-08	7.30E-08	2.64E-11	7.96E-11	4.61E-11	4.55E-11	4.12E-11	1.88E-11	1.83E-11	8.80E-13	2.13E-11	4.69E-12	6.17E-12	9.79E-12	1.73E-12	9.58E-12	5.41E-11
5562	475679.11	3849218.47	7.29E-08	7.19E-08	6.98E-08	2.52E-11	7.62E-11	4.41E-11	4.35E-11	3.95E-11	1.80E-11	1.75E-11	8.42E-13	2.03E-11	4.49E-12	5.91E-12	9.37E-12	1.65E-12	9.17E-12	5.18E-11
5563	475677.71	3849233.88	7.33E-08	7.23E-08	7.02E-08	2.54E-11	7.66E-11	4.43E-11	4.38E-11	3.97E-11	1.81E-11	1.76E-11	8.47E-13	2.05E-11	4.51E-12	5.94E-12	9.42E-12	1.66E-12	9.22E-12	5.21E-11
5564	475492.74	3849204.66	6.62E-08	6.54E-08	6.35E-08	2.29E-11	6.92E-11	4.01E-11	3.96E-11	3.59E-11	1.64E-11	1.59E-11	7.66E-13	1.85E-11	4.08E-12	5.37E-12	8.52E-12	1.50E-12	8.34E-12	4.71E-11
5565	475497.64	3849158.75	6.82E-08	6.73E-08	6.54E-08	2.36E-11	7.13E-11	4.13E-11	4.07E-11	3.69E-11	1.68E-11	1.64E-11	7.88E-13	1.90E-11	4.20E-12	5.53E-12	8.77E-12	1.55E-12	8.58E-12	4.85E-11
5566	475391.35	3849141.94	6.98E-08	6.88E-08	6.69E-08	2.41E-11	7.29E-11	4.22E-11	4.17E-11	3.78E-11	1.72E-11	1.67E-11	8.06E-13	1.95E-11	4.30E-12	5.66E-12	8.97E-12	1.58E-12	8.78E-12	4.96E-11
5567	475277	3849095.47	6.98E-08	6.88E-08	6.69E-08	2.41E-11	7.29E-11	4.22E-11	4.17E-11	3.78E-11	1.72E-11	1.67E-11	8.06E-13	1.95E-11	4.30E-12	5.66E-12	8.97E-12	1.58E-12	8.78E-12	4.96E-11
5568	475183.93	3849025.66	6.87E-08	6.78E-08	6.59E-08	2.38E-11	7.18E-11	4.16E-11	4.10E-11	3.72E-11	1.70E-11	1.65E-11	7.94E-13	1.92E-11	4.23E-12	5.57E-12	8.84E-12	1.56E-12	8.65E-12	4.88E-11
5569	474453.23	3848378.77	6.29E-08	6.20E-08	6.02E-08	2.18E-11	6.57E-11	3.80E-11	3.75E-11	3.40E-11	1.55E-11	1.51E-11	7.27E-13	1.76E-11	3.87E-12	5.10E-12	8.08E-12	1.42E-12	7.91E-12	4.47E-11
5570	474569.63	3848399.34	6.25E-08	6.16E-08	5.99E-08	2.16E-11	6.53E-11	3.78E-11	3.73E-11	3.38E-11	1.54E-11	1.50E-11	7.22E-13	1.74E-11	3.85E-12	5.06E-12	8.03E-12	1.42E-12	7.86E-12	4.44E-11
5571	474644.33	3848464.52	6.32E-08	6.24E-08	6.06E-08	2.19E-11	6.61E-11	3.83E-11	3.78E-11	3.42E-11	1.56E-11	1.52E-11	7.31E-13	1.77E-11	3.90E-12	5.13E-12	8.13E-12	1.43E-12	7.96E-12	4.49E-11
5572	474719.04	3848529.7	6.39E-08	6.31E-08	6.12E-08	2.21E-11	6.68E-11	3.87E-11	3.82E-11	3.46E-11	1.58E-11	1.53E-11	7.39E-13	1.78E-11	3.94E-12	5.18E-12	8.22E-12	1.45E-12	8.04E-12	4.54E-11
5573	474793.74	3848594.88	6.42E-08	6.33E-08	6.15E-08	2.22E-11	6.71E-11	3.88E-11	3.83E-11	3.47E-11	1.58E-11	1.54E-11	7.42E-13	1.79E-11	3.95E-12	5.20E-12	8.25E-12	1.45E-12	8.08E-12	4.56E-11
5574	474868.45	3848660.07	6.40E-08	6.32E-08	6.14E-08	2.22E-11	6.69E-11	3.87E-11	3.82E-11	3.47E-11	1.58E-11	1.54E-11	7.40E-13	1.79E-11	3.94E-12	5.19E-12	8.24E-12	1.45E-12	8.06E-12	4.55E-11
5575	474943.15	3848725.25	6.43E-08	6.34E-08	6.16E-08	2.23E-11	6.72E-11	3.89E-11	3.84E-11	3.48E-11	1.59E-11	1.54E-11	7.43E-13	1.79E-11	3.96E-12	5.21E-12	8.27E-12	1.46E-12	8.09E-12	4.57E-11
5576	475017.86	3848790.43	6.52E-08	6.43E-08	6.25E-08	2.26E-11	6.81E-11	3.94E-11	3.89E-11	3.53E-11	1.61E-11	1.56E-11	7.54E-13	1.82E-11	4.02E-12	5.29E-12	8.39E-12	1.48E-12	8.21E-12	4.63E-11
5577	475092.56	3848855.61	6.62E-08	6.54E-08	6.35E-08	2.29E-11	6.92E-11	4.01E-11	3.96E-11	3.59E-11	1.64E-11	1.59E-11	7.66E-13	1.85E-11	4.08E-12	5.37E-12	8.52E-12	1.50E-12	8.34E-12	4.71E-11
5578	475232.58	3848959.38	6.78E-08	6.69E-08	6.50E-08	2.35E-11	7.09E-11	4.10E-11	4.05E-11	3.67E-11	1.67E-11	1.63E-11	7.84E-13	1.89E-11	4.18E-12	5.50E-12	8.72E-12	1.54E-12	8.53E-12	4.82E-11
5579	475368.47	3849029.98	6.83E-08	6.74E-08	6.55E-08	2.37E-11	7.14E-11	4.13E-11	4.08E-11	3.70E-11	1.69E-11	1.64E-11	7.90E-13	1.91E-11	4.21E-12	5.54E-12	8.79E-12	1.55E-12	8.60E-12	4.86E-11
5580	475609.57	3849096.09	6.86E-08	6.77E-08	6.57E-08	2.37E-11	7.17E-11	4.15E-11	4.10E-11	3.71E-11	1.69E-11	1.65E-11	7.93E-13	1.91E-11	4.23E-12	5.56E-12	8.82E-12	1.55E-12	8.63E-12	4.87E-11
5581	475680.68	3849116.62	7.00E-08	6.91E-08	6.71E-08	2.42E-11	7.32E-11	4.24E-11	4.18E-11	3.79E-11	1.73E-11	1.68E-11	8.09E-13	1.95E-11	4.31E-12	5.68E-12	9.01E-12	1.59E-12	8.81E-12	4.98E-11
5582	475843.76	3849151.52	7.17E-08	7.08E-08	6.87E-08	2.48E-11	7.49E-11	4.34E-11	4.28E-11	3.88E-11	1.77E-11	1.72E-11	8.29E-13	2.00E-11	4.42E-12	5.81E-12	9.22E-12	1.63E-12	9.03E-12	5.10E-11
5583	475935.73	3849165.89	7.31E-08	7.22E-08	7.01E-08	2.53E-11	7.64E-11	4.43E-11	4.37E-11	3.96E-11	1.81E-11	1.75E-11	8.45E-13	2.04E-11	4.51E-12	5.93E-12	9.41E-12	1.66E-12	9.21E-12	5.20E-11
5584	476027.71	3849180.27	7.43E-08	7.33E-08	7.12E-08	2.57E-11	7.77E-11	4.50E-11	4.44E-11	4.02E-11	1.84E-11	1.78E-11	8.59E-13	2.07E-11	4.58E-12	6.02E-12	9.56E-12	1.68E-12	9.35E-12	5.28E-11
5585	476119.68	3849194.64	7.35E-08	7.26E-08	7.05E-08	2.55E-11	7.68E-11	4.45E-11	4.39E-11	3.98E-11	1.82E-11	1.76E-11	8.50E-13	2.05E-11	4.53E-12	5.96E-12	9.46E-12	1.67E-12	9.26E-12	5.23E-11
5586	476211.65	3849209.01	7.37E-08	7.27E-08	7.06E-08	2.55E-11	7.70E-11	4.46E-11	4.40E-11	3.99E-11	1.82E-11	1.77E-11	8.51E-13	2.06E-11	4.54E-12	5.97E-12	9.47E-12	1.67E-12	9.27E-12	5.23E-11
5587	476497.81	3849283.9	7.52E-08	7.42E-08	7.21E-08	2.60E-11	7.86E-11	4.55E-11	4.49E-11	4.07E-11	1.86E-11	1.80E-11	8.69E-13	2.10E-11	4.63E-12	6.10E-12	9.67E-12	1.71E-12	9.47E-12	5.35E-11
5588	476603.73	3849323.77	7.63E-08	7.53E-08	7.31E-08	2.64E-11	7.97E-11	4.61E-11	4.55E-11	4.13E-11	1.88E-11	1.83E-11	8.82E-13	2.13E-11	4.70E-12	6.18E-12	9.81E-12	1.73E-12	9.60E-12	5.42E-11
5589	476728.99	3849382.76	7.74E-08	7.64E-08	7.42E-08	2.68E-11	8.09E-11	4.69E-11	4.62E-11	4.19E-11	1.91E-11	1.86E-11	8.95E-13	2.16E-11	4.77E-12	6.28E-12	9.96E-12	1.76E-12	9.75E-12	5.50E-11
5590	476801.27	3849418.65	7.82E-08	7.72E-08	7.50E-08	2.71E-11	8.17E-11	4.73E-11	4.67E-11	4.23E-11	1.93E-11	1.88E-11	9.04E-13	2.18E-11	4.82E-12	6.34E-12	1.01E-11	1.77E-12	9.85E-12	5.56E-11
5591	476956.2	3849495.05	7.98E-08	7.87E-08	7.65E-08	2.76E-11	8.34E-11	4.83E-11	4.76E-11	4.32E-11	1.97E-11	1.91E-11	9.22E-13	2.23E-11	4.92E-12	6.47E-12	1.03E-11	1.81E-12	1.00E-11	5.67E-11
5592	477038.84	3849535.56	8.03E-08	7.92E-08	7.70E-08	2.78E-11	8.39E-11	4.86E-11	4.79E-11	4.35E-11	1.98E-11	1.93E-11	9.28E-13	2.24E-11	4.95E-12	6.51E-12	1.03E-11	1.82E-12	1.01E-11	5.71E-11
5593	477121.49	3849576.08	8.11E-08	8.00E-08	7.77E-08	2.81E-11	8.47E-11	4.91E-11	4.84E-11	4.39E-11	2.00E-11	1.94E-11	9.37E-13	2.26E-11	5.00E-12	6.57E-12	1.04E-11	1.84E-12	1.02E-11	5.76E-11
5594	477204.13	3849616.6	8.15E-08	8.04E-08	7.81E-08	2.82E-11	8.51E-11	4.93E-11	4.86E-11	4.41E-11	2.01E-11	1.95E-11	9.42E-13	2.27E-11	5.02E-12	6.61E-12	1.05E-11	1.85E-12	1.03E-11	5.79E-11
5595	477286.78	3849657.12	8.11E-08	8.00E-08	7.77E-08	2.81E-11	8.47E-11	4.91E-11	4.84E-11	4.39E-11	2.00E-11	1.94E-11	9.37E-13	2.26E-11	5.00E-12	6.57E-12	1.04E-11	1.84E-12	1.02E-11	5.76E-11
5596	477369.42	3849697.63	8.29E-08	8.18E-08	7.94E-08	2.87E-11	8.66E-11	5.02E-11	4.95E-11	4.49E-11	2.05E-11	1.99E-11	9.58E-13	2.31E-11	5.11E-12	6.72E-12	1.07E-11	1.88E-12	1.04E-11	5.89E-11
5597	477452.07	3849738.15	8.34E-08	8.23E-08	7.99E-08	2.89E-11	8.72E-11	5.05E-11	4.98E-11	4.52E-11	2.06E-11	2.00E-11	9.64E-13	2.33E-11	5.14E-12	6.76E-12	1.07E-11	1.89E-12	1.05E-11	5.93E-11
5598	477534.71	3849778.67	8.47E-08	8.36E-08	8.12E-08	2.93E-11	8.85E-11	5.13E-11	5.06E-11	4.59E-11	2.09E-11	2.03E-11	9.79E-13	2.37E-11	5.22E-12	6.87E-12	1.09E-11	1.92E-12	1.07E-11	6.02E-11
5599	477617.36	3849819.18	8.52E-08	8.41E-08	8.17E-08	2.95E-11	8.91E-11	5.16E-11	5.09E-11	4.61E-11	2.11E-11	2.04E-11	9.85E-13	2.38E-11	5.25E-12	6.91E-12	1.10E-11	1.93E-12	1.07E-11	6.06E-11
5600	477824.74	3849896.37	8.69E-08	8.58E-08	8.33E-08	3.01E-11	9.09E-11	5.26E-11	5.19E-11	4.71E-11	2.15E-11	2.09E-11	1.00E-12	2.43E-11	5.36E-12	7.05E-12	1.12E-11	1.97E-12	1.09E-11	6.18E-11
5601	477906.31	3849936.37	8.63E-08	8.52E-08	8.27E-08	2.99E-11	9.02E-11	5.22E-11	5.15E-11	4.67E-11	2.13E-11	2.07E-11	9.97E-13	2.41E-11	5.32E-12	7.00E-12	1.11E-11	1.96E-12	1.09E-11	6.13E-11
5602	477987.89	3849976.36	8.72E-08	8.61E-08	8.36E-08	3.02E-11	9.11E-11	5.28E-11	5.21E-11	4.72E-11	2.15E-11	2.09E-11	1.01E-12	2.43E-11	5.37E-12	7.07E-12	1.12E-11	1.98E-12	1.10E-11	6.20E-11
5603	478069.47	3850016.36	8.71E-08	8.59E-08	8.34E-08	3.01E-11	9.10E-11	5.27E-11	5.20E-11	4.71E-11	2.15E-11	2.09E-11	1.01E-12	2.43E-11	5.36E-12	7.06E-12	1.12E-11	1.97E-12	1.10E-11	6.19E-11
5604	478151.04	3850056.35	8.69E-08	8.58E-08	8.33E-08	3.01E-11	9.09E-11	5.26E-11	5.19E-11	4.71E-11	2.15E-11	2.09E-11	1.00E-12	2.43E-11	5.36E-12	7.05E-12	1.12E-11	1.97E-12	1.09E-11	6.18E-11
5605	478232.62	3850096.35	8.76E-08	8.64E-08	8.39E-08	3.03E-11	9.15E-11	5.30E-11	5.23E-11	4.74E-11	2.16E-11	2.10E-11	1.01E-12	2.45E-11	5.40E-12	7.10E-12	1.13E-11	1.99E-12	1.10E-11	6.22E-11
5606	478314.2	3850136.34	8.85E-08	8.73E-08	8.48E-08	3.06E-11	9.25E-11	5.35E-11	5.28E-11	4.79E-11	2.19E-11	2.12E-11	1.02E-12	2.47E-11	5.45E-12	7.17E-12	1.14E-11	2.01E-12	1.11E-11	6.29E-11
5607	478395.77	3850176.34	8.93E-08	8.81E-08	8.56E-08	3.09E-11	9.33E-11	5.40E-11	5.33E-11	4.83E-11	2.21E-11	2.14E-11	1.03E-12	2.49E-11	5.50E-12	7.24E-12	1.15E-11	2.02E-12	1.12E-11	6.34E-11
5608	478575.43	3850244.45	9.08E-08	8.96E-08	8.71E-08	3.14E-11	9.49E-11	5.50E-11	5.42E-11	4.92E-11	2.24E-11	2.18E-11	1.05E-12	2.54E-11	5.60E-12	7.36E-12	1.17E-11	2.06E-12	1.14E-11	6.46E-11
5609	478665.06	3850287.29	9.19E-08	9.07E-08	8.81E-08	3.18E-11	9.60E-11	5.56E-11	5.49E-11	4.97E-11	2.27E-11	2.20E-11	1.06E-12	2.57E-11	5.66E-12	7.45E-12	1.18E-11	2.08E-12	1.16E-11	6.53E-11
5610	478754.69	3850330.14	9.30E-08	9.18E-08	8.92E-08	3.22E-11	9.73E-11	5.63E-11	5.56E-11	5.04E-11	2.30E-11	2.23E-11	1.08E-12	2.60E-11	5.73E-12	7.54E-12	1.20E-11	2.11E-12	1.17E-11	6.61E-11
5611	478844.32	3850372.99	9.43E-08	9.31E-08	9.04E-08	3.27E-11	9.86E-11	5.71E-11	5.63E-11	5.11E-11	2.33E-11	2.26E-11	1.09E-12	2.63E-11	5.81E-12	7.65E-12	1.21E-11	2.14E-12	1.19E-11	6.70E-11

5612	478933.95	3850415.84	9.58E-08	9.45E-08	9.18E-08	3.32E-11	1.00E-10	5.80E-11	5.72E-11	5.18E-11	2.37E-11	2.30E-11	1.11E-12	2.67E-11	5.90E-12	7.77E-12	1.23E-11	2.17E-12	1.21E-11	6.81E-11
5613	479023.58	3850458.68	9.64E-08	9.52E-08	9.24E-08	3.34E-11	1.01E-10	5.83E-11	5.76E-11	5.22E-11	2.38E-11	2.31E-11	1.11E-12	2.69E-11	5.94E-12	7.82E-12	1.24E-11	2.19E-12	1.21E-11	6.85E-11
5614	479110.66	3850441.91	9.70E-08	9.57E-08	9.29E-08	3.36E-11	1.01E-10	5.87E-11	5.79E-11	5.25E-11	2.39E-11	2.33E-11	1.12E-12	2.71E-11	5.97E-12	7.86E-12	1.25E-11	2.20E-12	1.22E-11	6.89E-11
5615	479191.22	3850423.99	9.72E-08	9.59E-08	9.32E-08	3.37E-11	1.02E-10	5.88E-11	5.81E-11	5.26E-11	2.40E-11	2.33E-11	1.12E-12	2.71E-11	5.99E-12	7.88E-12	1.25E-11	2.20E-12	1.22E-11	6.91E-11
5616	479274.32	3850465.71	9.81E-08	9.68E-08	9.40E-08	3.40E-11	1.03E-10	5.94E-11	5.86E-11	5.31E-11	2.42E-11	2.35E-11	1.13E-12	2.74E-11	6.05E-12	7.96E-12	1.26E-11	2.22E-12	1.24E-11	6.97E-11
5617	479357.43	3850507.42	9.86E-08	9.74E-08	9.45E-08	3.41E-11	1.03E-10	5.97E-11	5.89E-11	5.34E-11	2.44E-11	2.37E-11	1.14E-12	2.75E-11	6.08E-12	8.00E-12	1.27E-11	2.24E-12	1.24E-11	7.01E-11
5618	479440.53	3850549.14	9.90E-08	9.77E-08	9.49E-08	3.43E-11	1.04E-10	5.99E-11	5.91E-11	5.36E-11	2.45E-11	2.38E-11	1.14E-12	2.77E-11	6.10E-12	8.03E-12	1.27E-11	2.24E-12	1.25E-11	7.04E-11
5619	479523.64	3850590.85	9.98E-08	9.85E-08	9.57E-08	3.46E-11	1.04E-10	6.04E-11	5.96E-11	5.40E-11	2.47E-11	2.39E-11	1.15E-12	2.79E-11	6.15E-12	8.09E-12	1.28E-11	2.26E-12	1.26E-11	7.09E-11
5620	479606.74	3850632.57	1.01E-07	9.95E-08	9.67E-08	3.49E-11	1.05E-10	6.10E-11	6.02E-11	5.46E-11	2.49E-11	2.42E-11	1.17E-12	2.82E-11	6.21E-12	8.18E-12	1.30E-11	2.29E-12	1.27E-11	7.17E-11
5621	479777.37	3850707.61	1.03E-07	1.01E-07	9.85E-08	3.56E-11	1.07E-10	6.22E-11	6.14E-11	5.57E-11	2.54E-11	2.47E-11	1.19E-12	2.87E-11	6.33E-12	8.34E-12	1.32E-11	2.33E-12	1.29E-11	7.31E-11
5622	479864.9	3850740.95	1.04E-07	1.03E-07	9.99E-08	3.61E-11	1.09E-10	6.31E-11	6.22E-11	5.64E-11	2.57E-11	2.50E-11	1.20E-12	2.91E-11	6.42E-12	8.45E-12	1.34E-11	2.36E-12	1.31E-11	7.41E-11
5623	479931.87	3850829.57	1.06E-07	1.05E-07	1.02E-07	3.68E-11	1.11E-10	6.43E-11	6.34E-11	5.75E-11	2.62E-11	2.55E-11	1.23E-12	2.97E-11	6.54E-12	8.61E-12	1.37E-11	2.41E-12	1.34E-11	7.55E-11
5624	479995.55	3850926.75	1.09E-07	1.07E-07	1.04E-07	3.77E-11	1.14E-10	6.58E-11	6.50E-11	5.89E-11	2.69E-11	2.61E-11	1.26E-12	3.04E-11	6.70E-12	8.82E-12	1.40E-11	2.47E-12	1.37E-11	7.73E-11
5625	480079.78	3850968.64	1.11E-07	1.09E-07	1.06E-07	3.83E-11	1.16E-10	6.70E-11	6.61E-11	6.00E-11	2.74E-11	2.66E-11	1.28E-12	3.09E-11	6.82E-12	8.98E-12	1.42E-11	2.51E-12	1.39E-11	7.87E-11
5626	480164.01	3851010.54	1.13E-07	1.11E-07	1.08E-07	3.91E-11	1.18E-10	6.83E-11	6.74E-11	6.11E-11	2.79E-11	2.71E-11	1.30E-12	3.15E-11	6.95E-12	9.15E-12	1.45E-11	2.56E-12	1.42E-11	8.02E-11
5627	480248.23	3851052.43	1.15E-07	1.13E-07	1.10E-07	3.98E-11	1.20E-10	6.95E-11	6.86E-11	6.22E-11	2.84E-11	2.76E-11	1.33E-12	3.21E-11	7.08E-12	9.32E-12	1.48E-11	2.60E-12	1.45E-11	8.17E-11
5628	480332.46	3851094.33	1.17E-07	1.15E-07	1.12E-07	4.04E-11	1.22E-10	7.06E-11	6.97E-11	6.32E-11	2.88E-11	2.80E-11	1.35E-12	3.26E-11	7.19E-12	9.46E-12	1.50E-11	2.65E-12	1.47E-11	8.30E-11
5629	480416.69	3851136.22	1.18E-07	1.17E-07	1.13E-07	4.09E-11	1.24E-10	7.15E-11	7.06E-11	6.40E-11	2.92E-11	2.83E-11	1.37E-12	3.30E-11	7.28E-12	9.58E-12	1.52E-11	2.68E-12	1.49E-11	8.40E-11
5630	480579.95	3851215.17	1.22E-07	1.20E-07	1.16E-07	4.21E-11	1.27E-10	7.35E-11	7.26E-11	6.58E-11	3.00E-11	2.92E-11	1.40E-12	3.39E-11	7.49E-12	9.85E-12	1.56E-11	2.76E-12	1.53E-11	8.64E-11
5631	480658.98	3851252.22	1.23E-07	1.22E-07	1.18E-07	4.28E-11	1.29E-10	7.47E-11	7.37E-11	6.69E-11	3.05E-11	2.96E-11	1.43E-12	3.45E-11	7.61E-12	1.00E-11	1.59E-11	2.80E-12	1.55E-11	8.78E-11
5632	480817.36	3851327.85	1.28E-07	1.26E-07	1.22E-07	4.41E-11	1.33E-10	7.72E-11	7.62E-11	6.90E-11	3.15E-11	3.06E-11	1.47E-12	3.56E-11	7.86E-12	1.03E-11	1.64E-11	2.89E-12	1.61E-11	9.06E-11
5633	480896.72	3851366.43	1.30E-07	1.28E-07	1.24E-07	4.49E-11	1.35E-10	7.84E-11	7.74E-11	7.02E-11	3.20E-11	3.11E-11	1.50E-12	3.62E-11	7.99E-12	1.05E-11	1.67E-11	2.94E-12	1.63E-11	9.21E-11
5634	480976.07	3851405	1.32E-07	1.30E-07	1.26E-07	4.56E-11	1.38E-10	7.98E-11	7.87E-11	7.14E-11	3.26E-11	3.16E-11	1.52E-12	3.68E-11	8.12E-12	1.07E-11	1.70E-11	2.99E-12	1.66E-11	9.37E-11
5635	481178	3851487.31	1.38E-07	1.36E-07	1.32E-07	4.77E-11	1.44E-10	8.33E-11	8.22E-11	7.45E-11	3.40E-11	3.30E-11	1.59E-12	3.84E-11	8.48E-12	1.12E-11	1.77E-11	3.12E-12	1.73E-11	9.78E-11
5636	481244.9	3851557.17	1.40E-07	1.38E-07	1.34E-07	4.84E-11	1.46E-10	8.46E-11	8.35E-11	7.57E-11	3.45E-11	3.35E-11	1.62E-12	3.90E-11	8.61E-12	1.13E-11	1.80E-11	3.17E-12	1.76E-11	9.93E-11
5637	481311.81	3851627.03	1.42E-07	1.40E-07	1.36E-07	4.91E-11	1.48E-10	8.57E-11	8.46E-11	7.67E-11	3.50E-11	3.40E-11	1.64E-12	3.96E-11	8.73E-12	1.15E-11	1.82E-11	3.21E-12	1.78E-11	1.01E-10
5638	481378.71	3851696.89	1.44E-07	1.42E-07	1.38E-07	4.97E-11	1.50E-10	8.69E-11	8.57E-11	7.77E-11	3.55E-11	3.44E-11	1.66E-12	4.01E-11	8.84E-12	1.16E-11	1.85E-11	3.25E-12	1.81E-11	1.02E-10
5639	481445.61	3851766.76	1.46E-07	1.44E-07	1.40E-07	5.04E-11	1.52E-10	8.81E-11	8.70E-11	7.88E-11	3.60E-11	3.49E-11	1.68E-12	4.07E-11	8.97E-12	1.18E-11	1.87E-11	3.30E-12	1.83E-11	1.03E-10
5640	481512.51	3851836.62	1.47E-07	1.46E-07	1.41E-07	5.10E-11	1.54E-10	8.92E-11	8.80E-11	7.98E-11	3.64E-11	3.54E-11	1.70E-12	4.12E-11	9.08E-12	1.20E-11	1.90E-11	3.34E-12	1.86E-11	1.05E-10
5641	481579.42	3851906.48	1.49E-07	1.47E-07	1.43E-07	5.17E-11	1.56E-10	9.03E-11	8.91E-11	8.08E-11	3.69E-11	3.58E-11	1.73E-12	4.17E-11	9.20E-12	1.21E-11	1.92E-11	3.38E-12	1.88E-11	1.06E-10
5642	481646.32	3851976.34	1.51E-07	1.49E-07	1.45E-07	5.23E-11	1.58E-10	9.15E-11	9.03E-11	8.19E-11	3.74E-11	3.63E-11	1.75E-12	4.22E-11	9.32E-12	1.23E-11	1.94E-11	3.43E-12	1.90E-11	1.07E-10
5643	481713.22	3852046.2	1.53E-07	1.51E-07	1.46E-07	5.28E-11	1.60E-10	9.24E-11	9.12E-11	8.26E-11	3.77E-11	3.66E-11	1.76E-12	4.26E-11	9.41E-12	1.24E-11	1.96E-11	3.46E-12	1.92E-11	1.08E-10
5644	481780.12	3852116.06	1.55E-07	1.53E-07	1.49E-07	5.37E-11	1.62E-10	9.38E-11	9.26E-11	8.39E-11	3.83E-11	3.72E-11	1.79E-12	4.33E-11	9.55E-12	1.26E-11	1.99E-11	3.51E-12	1.95E-11	1.10E-10
5645	481847.03	3852185.92	1.58E-07	1.56E-07	1.51E-07	5.46E-11	1.65E-10	9.55E-11	9.43E-11	8.55E-11	3.90E-11	3.79E-11	1.82E-12	4.41E-11	9.73E-12	1.28E-11	2.03E-11	3.58E-12	1.99E-11	1.12E-10
5646	481913.93	3852255.78	1.61E-07	1.59E-07	1.54E-07	5.57E-11	1.68E-10	9.73E-11	9.61E-11	8.71E-11	3.97E-11	3.86E-11	1.86E-12	4.49E-11	9.91E-12	1.30E-11	2.07E-11	3.65E-12	2.02E-11	1.14E-10
5647	481980.83	3852325.65	1.64E-07	1.62E-07	1.57E-07	5.69E-11	1.72E-10	9.94E-11	9.81E-11	8.89E-11	4.06E-11	3.94E-11	1.90E-12	4.59E-11	1.01E-11	1.33E-11	2.11E-11	3.72E-12	2.07E-11	1.17E-10
5648	482047.73	3852395.51	1.67E-07	1.65E-07	1.60E-07	5.78E-11	1.75E-10	1.01E-10	9.97E-11	9.04E-11	4.12E-11	4.00E-11	1.93E-12	4.66E-11	1.03E-11	1.35E-11	2.15E-11	3.78E-12	2.10E-11	1.19E-10
5649	482114.64	3852465.37	1.70E-07	1.68E-07	1.63E-07	5.89E-11	1.78E-10	1.03E-10	1.02E-10	9.21E-11	4.20E-11	4.08E-11	1.97E-12	4.75E-11	1.05E-11	1.38E-11	2.19E-11	3.86E-12	2.14E-11	1.21E-10
5650	482181.54	3852535.23	1.73E-07	1.70E-07	1.66E-07	5.98E-11	1.80E-10	1.04E-10	1.03E-10	9.35E-11	4.27E-11	4.14E-11	2.00E-12	4.82E-11	1.06E-11	1.40E-11	2.22E-11	3.91E-12	2.17E-11	1.23E-10
5651	482338.69	3852700.05	1.79E-07	1.77E-07	1.72E-07	6.21E-11	1.87E-10	1.09E-10	1.07E-10	9.71E-11	4.43E-11	4.30E-11	2.07E-12	5.01E-11	1.10E-11	1.45E-11	2.31E-11	4.07E-12	2.26E-11	1.27E-10
5652	482404.05	3852767.78	1.82E-07	1.80E-07	1.75E-07	6.31E-11	1.90E-10	1.10E-10	1.09E-10	9.86E-11	4.50E-11	4.37E-11	2.11E-12	5.09E-11	1.12E-11	1.48E-11	2.34E-11	4.13E-12	2.29E-11	1.29E-10
5653	482469.4	3852835.52	1.85E-07	1.83E-07	1.77E-07	6.41E-11	1.93E-10	1.12E-10	1.11E-10	1.00E-10	4.57E-11	4.44E-11	2.14E-12	5.17E-11	1.14E-11	1.50E-11	2.38E-11	4.19E-12	2.33E-11	1.32E-10
5654	482534.75	3852903.25	1.88E-07	1.85E-07	1.80E-07	6.50E-11	1.96E-10	1.14E-10	1.12E-10	1.02E-10	4.64E-11	4.50E-11	2.17E-12	5.24E-11	1.16E-11	1.52E-11	2.41E-11	4.25E-12	2.36E-11	1.33E-10
5655	482600.11	3852970.99	1.91E-07	1.88E-07	1.83E-07	6.60E-11	1.99E-10	1.15E-10	1.14E-10	1.03E-10	4.71E-11	4.57E-11	2.20E-12	5.32E-11	1.17E-11	1.55E-11	2.45E-11	4.32E-12	2.40E-11	1.35E-10
5656	482706.71	3853119.28	1.95E-07	1.93E-07	1.87E-07	6.76E-11	2.04E-10	1.18E-10	1.17E-10	1.06E-10	4.82E-11	4.68E-11	2.26E-12	5.45E-11	1.20E-11	1.58E-11	2.51E-11	4.42E-12	2.46E-11	1.39E-10
5657	482747.96	3853199.84	1.98E-07	1.95E-07	1.90E-07	6.85E-11	2.07E-10	1.20E-10	1.18E-10	1.07E-10	4.89E-11	4.74E-11	2.29E-12	5.52E-11	1.22E-11	1.60E-11	2.54E-11	4.48E-12	2.49E-11	1.41E-10
5658	482789.21	3853280.4	2.01E-07	1.98E-07	1.93E-07	6.96E-11	2.10E-10	1.22E-10	1.20E-10	1.09E-10	4.96E-11	4.82E-11	2.32E-12	5.61E-11	1.24E-11	1.63E-11	2.58E-11	4.55E-12	2.53E-11	1.43E-10
5659	482830.46	3853360.96	2.04E-07	2.01E-07	1.95E-07	7.06E-11	2.13E-10	1.23E-10	1.22E-10	1.10E-10	5.04E-11	4.89E-11	2.36E-12	5.69E-11	1.26E-11	1.65E-11	2.62E-11	4.62E-12	2.57E-11	1.45E-10
5660	482871.71	3853441.52	2.07E-07	2.04E-07	1.98E-07	7.17E-11	2.16E-10	1.25E-10	1.24E-10	1.12E-10	5.11E-11	4.97E-11	2.39E-12	5.78E-11	1.28E-11	1.68E-11	2.66E-11	4.69E-12	2.61E-11	1.47E-10
5661	482912.95	3853522.07	2.09E-07	2.07E-07	2.01E-07	7.25E-11	2.19E-10	1.27E-10	1.25E-10	1.13E-10	5.17E-11	5.02E-11	2.42E-12	5.85E-11	1.29E-11	1.70E-11	2.69E-11	4.75E-12	2.64E-11	1.49E-10
5662	482954.2	3853602.63	2.12E-07	2.09E-07	2.03E-07	7.34E-11	2.22E-10	1.28E-10	1.27E-10	1.15E-10	5.24E-11	5.08E-11	2.45E-12	5.92E-11	1.31E-11	1.72E-11	2.73E-11	4.81E-12	2.67E-11	1.51E-10
5663	482995.45	3853683.19	2.15E-07	2.12E-07	2.06E-07	7.44E-11	2.25E-10	1.30E-10	1.28E-10	1.16E-10	5.31E-11	5.15E-11	2.48E-12	6.00E-11	1.32E-11	1.74E-11	2.76E-11	4.87E-12	2.70E-11	1.53E-10
5664	483036.7	3853763.75	2.18E-07	2.15E-07	2.09E-07	7.55E-11	2.28E-10	1.32E-10	1.30E-10	1.18E-10	5.39E-11	5.23E-11	2.52E-12	6.09E-11	1.34E-11	1.77E-11	2.81E-11	4.94E-12	2.75E-11	1.55E-10

5665	483214.2	3853909.91	2.22E-07	2.19E-07	2.13E-07	7.69E-11	2.32E-10	1.34E-10	1.33E-10	1.20E-10	5.48E-11	5.33E-11	2.57E-12	6.20E-11	1.37E-11	1.80E-11	2.86E-11	5.03E-12	2.79E-11	1.58E-10
5666	483307.01	3853910.44	2.24E-07	2.21E-07	2.15E-07	7.77E-11	2.34E-10	1.36E-10	1.34E-10	1.21E-10	5.54E-11	5.38E-11	2.59E-12	6.26E-11	1.38E-11	1.82E-11	2.89E-11	5.09E-12	2.82E-11	1.59E-10
5667	483399.83	3853910.96	2.27E-07	2.24E-07	2.17E-07	7.84E-11	2.37E-10	1.37E-10	1.35E-10	1.23E-10	5.60E-11	5.43E-11	2.62E-12	6.33E-11	1.40E-11	1.84E-11	2.91E-11	5.14E-12	2.85E-11	1.61E-10
5668	483494.52	3854009.24	2.33E-07	2.30E-07	2.24E-07	8.08E-11	2.44E-10	1.41E-10	1.39E-10	1.26E-10	5.76E-11	5.60E-11	2.70E-12	6.52E-11	1.44E-11	1.89E-11	3.00E-11	5.29E-12	2.94E-11	1.66E-10
5669	483496.41	3854106.98	2.38E-07	2.35E-07	2.28E-07	8.23E-11	2.49E-10	1.44E-10	1.42E-10	1.29E-10	5.88E-11	5.71E-11	2.75E-12	6.64E-11	1.47E-11	1.93E-11	3.06E-11	5.39E-12	2.99E-11	1.69E-10
5670	483577.56	3854261.96	2.43E-07	2.40E-07	2.33E-07	8.43E-11	2.54E-10	1.47E-10	1.45E-10	1.32E-10	6.01E-11	5.84E-11	2.81E-12	6.80E-11	1.50E-11	1.97E-11	3.13E-11	5.52E-12	3.07E-11	1.73E-10
5671	483656.83	3854319.19	2.45E-07	2.41E-07	2.34E-07	8.46E-11	2.56E-10	1.48E-10	1.46E-10	1.32E-10	6.04E-11	5.87E-11	2.83E-12	6.83E-11	1.51E-11	1.98E-11	3.15E-11	5.54E-12	3.08E-11	1.74E-10
5672	483736.1	3854376.41	2.44E-07	2.41E-07	2.34E-07	8.46E-11	2.55E-10	1.48E-10	1.46E-10	1.32E-10	6.04E-11	5.86E-11	2.83E-12	6.82E-11	1.51E-11	1.98E-11	3.14E-11	5.54E-12	3.08E-11	1.74E-10
5673	483815.37	3854433.64	2.43E-07	2.40E-07	2.33E-07	8.43E-11	2.54E-10	1.47E-10	1.45E-10	1.32E-10	6.01E-11	5.84E-11	2.81E-12	6.80E-11	1.50E-11	1.97E-11	3.13E-11	5.52E-12	3.07E-11	1.73E-10
5674	483894.63	3854490.87	2.42E-07	2.39E-07	2.32E-07	8.37E-11	2.53E-10	1.46E-10	1.44E-10	1.31E-10	5.98E-11	5.80E-11	2.80E-12	6.75E-11	1.49E-11	1.96E-11	3.11E-11	5.48E-12	3.05E-11	1.72E-10
5675	483973.9	3854548.1	2.40E-07	2.37E-07	2.30E-07	8.31E-11	2.51E-10	1.45E-10	1.43E-10	1.30E-10	5.93E-11	5.76E-11	2.78E-12	6.70E-11	1.48E-11	1.95E-11	3.09E-11	5.44E-12	3.02E-11	1.71E-10
5676	484053.17	3854605.32	2.40E-07	2.37E-07	2.30E-07	8.32E-11	2.51E-10	1.45E-10	1.44E-10	1.30E-10	5.94E-11	5.77E-11	2.78E-12	6.71E-11	1.48E-11	1.95E-11	3.09E-11	5.45E-12	3.03E-11	1.71E-10
5677	484214.97	3854698.15	2.45E-07	2.41E-07	2.34E-07	8.46E-11	2.56E-10	1.48E-10	1.46E-10	1.32E-10	6.04E-11	5.87E-11	2.83E-12	6.83E-11	1.51E-11	1.98E-11	3.15E-11	5.54E-12	3.08E-11	1.74E-10
5678	484297.5	3854733.74	2.51E-07	2.48E-07	2.41E-07	8.70E-11	2.63E-10	1.52E-10	1.50E-10	1.36E-10	6.21E-11	6.03E-11	2.91E-12	7.02E-11	1.55E-11	2.04E-11	3.23E-11	5.70E-12	3.16E-11	1.79E-10
5679	484380.03	3854769.34	2.55E-07	2.51E-07	2.44E-07	8.81E-11	2.66E-10	1.54E-10	1.52E-10	1.38E-10	6.29E-11	6.11E-11	2.94E-12	7.11E-11	1.57E-11	2.06E-11	3.27E-11	5.77E-12	3.20E-11	1.81E-10
5680	484462.56	3854804.94	2.61E-07	2.58E-07	2.51E-07	9.05E-11	2.73E-10	1.58E-10	1.56E-10	1.42E-10	6.46E-11	6.27E-11	3.02E-12	7.30E-11	1.61E-11	2.12E-11	3.36E-11	5.93E-12	3.29E-11	1.86E-10
5681	484545.09	3854840.53	2.65E-07	2.61E-07	2.54E-07	9.16E-11	2.77E-10	1.60E-10	1.58E-10	1.43E-10	6.53E-11	6.35E-11	3.06E-12	7.39E-11	1.63E-11	2.15E-11	3.40E-11	6.00E-12	3.33E-11	1.88E-10
5682	484691.88	3854912.59	2.85E-07	2.81E-07	2.73E-07	9.86E-11	2.98E-10	1.72E-10	1.70E-10	1.54E-10	7.03E-11	6.83E-11	3.29E-12	7.95E-11	1.75E-11	2.31E-11	3.66E-11	6.45E-12	3.58E-11	2.02E-10
5683	484830.81	3855012.51	3.08E-07	3.04E-07	2.95E-07	1.06E-10	3.22E-10	1.86E-10	1.84E-10	1.67E-10	7.60E-11	7.38E-11	3.56E-12	8.59E-11	1.90E-11	2.49E-11	3.96E-11	6.97E-12	3.87E-11	2.19E-10
5684	484905.48	3855075.97	3.26E-07	3.22E-07	3.12E-07	1.13E-10	3.41E-10	1.97E-10	1.95E-10	1.76E-10	8.05E-11	7.82E-11	3.77E-12	9.10E-11	2.01E-11	2.64E-11	4.19E-11	7.39E-12	4.10E-11	2.32E-10
5685	484980.14	3855139.44	3.41E-07	3.37E-07	3.27E-07	1.18E-10	3.56E-10	2.06E-10	2.04E-10	1.85E-10	8.42E-11	8.18E-11	3.94E-12	9.52E-11	2.10E-11	2.76E-11	4.39E-11	7.73E-12	4.29E-11	2.42E-10
5686	485054.81	3855202.91	3.53E-07	3.48E-07	3.38E-07	1.22E-10	3.69E-10	2.13E-10	2.11E-10	1.91E-10	8.71E-11	8.46E-11	4.08E-12	9.85E-11	2.17E-11	2.86E-11	4.54E-11	8.00E-12	4.44E-11	2.51E-10
5687	485129.48	3855266.37	3.59E-07	3.54E-07	3.44E-07	1.24E-10	3.75E-10	2.17E-10	2.14E-10	1.94E-10	8.87E-11	8.61E-11	4.15E-12	1.00E-10	2.21E-11	2.91E-11	4.62E-11	8.14E-12	4.52E-11	2.55E-10
5688	485204.15	3855329.84	3.77E-07	3.72E-07	3.61E-07	1.31E-10	3.94E-10	2.28E-10	2.25E-10	2.04E-10	9.31E-11	9.04E-11	4.36E-12	1.05E-10	2.32E-11	3.06E-11	4.85E-11	8.55E-12	4.75E-11	2.68E-10
5689	485278.82	3855393.31	3.89E-07	3.84E-07	3.73E-07	1.35E-10	4.07E-10	2.36E-10	2.32E-10	2.11E-10	9.61E-11	9.34E-11	4.50E-12	1.09E-10	2.40E-11	3.16E-11	5.01E-11	8.82E-12	4.90E-11	2.77E-10
5690	485353.48	3855456.77	4.05E-07	4.00E-07	3.89E-07	1.40E-10	4.24E-10	2.45E-10	2.42E-10	2.19E-10	1.00E-10	9.72E-11	4.69E-12	1.13E-10	2.50E-11	3.29E-11	5.21E-11	9.19E-12	5.10E-11	2.88E-10
5691	485428.15	3855520.24	4.18E-07	4.13E-07	4.01E-07	1.45E-10	4.37E-10	2.53E-10	2.50E-10	2.26E-10	1.03E-10	1.00E-10	4.84E-12	1.17E-10	2.58E-11	3.39E-11	5.38E-11	9.48E-12	5.27E-11	2.97E-10
5692	485502.82	3855583.71	4.33E-07	4.27E-07	4.15E-07	1.50E-10	4.53E-10	2.62E-10	2.59E-10	2.34E-10	1.07E-10	1.04E-10	5.00E-12	1.21E-10	2.67E-11	3.51E-11	5.57E-11	9.81E-12	5.45E-11	3.08E-10
5693	485577.49	3855647.17	4.54E-07	4.48E-07	4.35E-07	1.57E-10	4.75E-10	2.75E-10	2.71E-10	2.46E-10	1.12E-10	1.09E-10	5.25E-12	1.27E-10	2.80E-11	3.68E-11	5.84E-11	1.03E-11	5.72E-11	3.23E-10
5694	485652.16	3855710.64	4.76E-07	4.70E-07	4.56E-07	1.65E-10	4.98E-10	2.88E-10	2.84E-10	2.58E-10	1.18E-10	1.14E-10	5.50E-12	1.33E-10	2.93E-11	3.86E-11	6.12E-11	1.08E-11	5.99E-11	3.38E-10
5695	485726.83	3855774.11	4.93E-07	4.87E-07	4.73E-07	1.71E-10	5.16E-10	2.98E-10	2.95E-10	2.67E-10	1.22E-10	1.18E-10	5.70E-12	1.38E-10	3.04E-11	4.00E-11	6.34E-11	1.12E-11	6.21E-11	3.50E-10
5696	485801.49	3855837.57	5.08E-07	5.01E-07	4.87E-07	1.76E-10	5.31E-10	3.07E-10	3.03E-10	2.75E-10	1.25E-10	1.22E-10	5.87E-12	1.42E-10	3.13E-11	4.12E-11	6.53E-11	1.15E-11	6.39E-11	3.61E-10
5697	485876.16	3855901.04	5.26E-07	5.19E-07	5.04E-07	1.82E-10	5.50E-10	3.18E-10	3.14E-10	2.85E-10	1.30E-10	1.26E-10	6.08E-12	1.47E-10	3.24E-11	4.27E-11	6.77E-11	1.19E-11	6.62E-11	3.74E-10
5698	485950.83	3855964.5	5.43E-07	5.36E-07	5.20E-07	1.88E-10	5.67E-10	3.29E-10	3.24E-10	2.94E-10	1.34E-10	1.30E-10	6.28E-12	1.52E-10	3.35E-11	4.40E-11	6.98E-11	1.23E-11	6.83E-11	3.86E-10
5699	486025.5	3856027.97	5.56E-07	5.49E-07	5.33E-07	1.92E-10	5.81E-10	3.36E-10	3.32E-10	3.01E-10	1.37E-10	1.33E-10	6.43E-12	1.55E-10	3.43E-11	4.51E-11	7.15E-11	1.26E-11	7.00E-11	3.95E-10
5700	486100.17	3856091.44	5.89E-07	5.81E-07	5.64E-07	2.04E-10	6.15E-10	3.56E-10	3.52E-10	3.19E-10	1.45E-10	1.41E-10	6.81E-12	1.64E-10	3.63E-11	4.77E-11	7.57E-11	1.33E-11	7.41E-11	4.18E-10
5701	486174.83	3856154.9	6.01E-07	5.93E-07	5.76E-07	2.08E-10	6.28E-10	3.64E-10	3.59E-10	3.25E-10	1.48E-10	1.44E-10	6.95E-12	1.68E-10	3.70E-11	4.87E-11	7.73E-11	1.36E-11	7.57E-11	4.27E-10
5702	486249.5	3856218.37	5.99E-07	5.91E-07	5.74E-07	2.07E-10	6.26E-10	3.62E-10	3.58E-10	3.24E-10	1.48E-10	1.44E-10	6.92E-12	1.67E-10	3.69E-11	4.86E-11	7.70E-11	1.36E-11	7.54E-11	4.26E-10
5703	486324.17	3856281.84	6.00E-07	5.92E-07	5.75E-07	2.08E-10	6.27E-10	3.63E-10	3.58E-10	3.25E-10	1.48E-10	1.44E-10	6.94E-12	1.68E-10	3.70E-11	4.87E-11	7.72E-11	1.36E-11	7.56E-11	4.27E-10
5704	486398.84	3856345.3	6.29E-07	6.21E-07	6.03E-07	2.18E-10	6.58E-10	3.81E-10	3.76E-10	3.41E-10	1.55E-10	1.51E-10	7.28E-12	1.76E-10	3.88E-11	5.10E-11	8.10E-11	1.43E-11	7.92E-11	4.47E-10
5705	486473.51	3856408.77	6.53E-07	6.45E-07	6.26E-07	2.26E-10	6.83E-10	3.95E-10	3.90E-10	3.54E-10	1.61E-10	1.57E-10	7.55E-12	1.82E-10	4.03E-11	5.30E-11	8.40E-11	1.48E-11	8.23E-11	4.64E-10
5706	486548.17	3856472.24	6.89E-07	6.80E-07	6.60E-07	2.38E-10	7.20E-10	4.17E-10	4.11E-10	3.73E-10	1.70E-10	1.65E-10	7.96E-12	1.92E-10	4.24E-11	5.58E-11	8.86E-11	1.56E-11	8.67E-11	4.89E-10
5707	486622.84	3856535.7	7.29E-07	7.19E-07	6.98E-07	2.52E-10	7.62E-10	4.41E-10	4.35E-10	3.95E-10	1.80E-10	1.75E-10	8.42E-12	2.03E-10	4.49E-11	5.91E-11	9.37E-11	1.65E-11	9.17E-11	5.18E-10
5708	486765.48	3856659.69	8.24E-07	8.13E-07	7.90E-07	2.85E-10	8.61E-10	4.99E-10	4.92E-10	4.46E-10	2.04E-10	1.98E-10	9.52E-12	2.30E-10	5.08E-11	6.68E-11	1.06E-10	1.87E-11	1.04E-10	5.85E-10
5709	486833.44	3856720.2	8.71E-07	8.59E-07	8.35E-07	3.01E-10	9.10E-10	5.27E-10	5.20E-10	4.71E-10	2.15E-10	2.09E-10	1.01E-11	2.43E-10	5.36E-11	7.06E-11	1.12E-10	1.97E-11	1.10E-10	6.19E-10
5710	486901.41	3856780.72	9.28E-07	9.15E-07	8.89E-07	3.21E-10	9.70E-10	5.61E-10	5.54E-10	5.02E-10	2.29E-10	2.22E-10	1.07E-11	2.59E-10	5.72E-11	7.52E-11	1.19E-10	2.10E-11	1.17E-10	6.59E-10
5711	486969.38	3856841.24	9.86E-07	9.73E-07	9.45E-07	3.41E-10	1.03E-09	5.96E-10	5.89E-10	5.33E-10	2.43E-10	2.36E-10	1.14E-11	2.75E-10	6.07E-11	7.99E-11	1.27E-10	2.23E-11	1.24E-10	7.00E-10
5712	487037.34	3856901.75	1.05E-06	1.03E-06	1.00E-06	3.63E-10	1.10E-09	6.34E-10	6.26E-10	5.67E-10	2.59E-10	2.51E-10	1.21E-11	2.93E-10	6.46E-11	8.50E-11	1.35E-10	2.38E-11	1.32E-10	7.45E-10
5713	487271.23	3856855.51	1.12E-06	1.10E-06	1.07E-06	3.86E-10	1.17E-09	6.75E-10	6.66E-10	6.04E-10	2.75E-10	2.67E-10	1.29E-11	3.11E-10	6.87E-11	9.04E-11	1.43E-10	2.53E-11	1.40E-10	7.92E-10
5714	487368.96	3856857.29	1.12E-06	1.10E-06	1.07E-06	3.86E-10	1.17E-09	6.75E-10	6.66E-10	6.04E-10	2.76E-10	2.68E-10	1.29E-11	3.12E-10	6.88E-11	9.05E-11	1.44E-10	2.53E-11	1.40E-10	7.93E-10
5715	487466.68	3856859.06	1.13E-06	1.11E-06	1.08E-06	3.90E-10	1.18E-09	6.81E-10	6.72E-10	6.09E-10	2.78E-10	2.70E-10	1.30E-11	3.14E-10	6.94E-11	9.13E-11	1.45E-10	2.55E-11	1.42E-10	8.00E-10
5716	487636.44	3856930	1.22E-06	1.21E-06	1.17E-06	4.23E-10	1.28E-09	7.40E-10	7.30E-10	6.62E-10	3.02E-10	2.93E-10	1.41E-11	3.42E-10	7.54E-11	9.92E-11	1.57E-10	2.77E-11	1.54E-10	8.69E-10
5717	487709.57	3856928.43	1.25E-06	1.23E-06	1.19E-06	4.31E-10	1.30E-09	7.54E-10	7.44E-10	6.75E-10	3.08E-10	2.99E-10	1.44E-11	3.48E-10	7.68E-11	1.01E-10	1.60E-10	2.83E-11	1.57E-10	8.86E-10

5718	487782.55	3856841.96	1.18E-06	1.16E-06	1.13E-06	4.08E-10	1.23E-09	7.13E-10	7.04E-10	6.38E-10	2.91E-10	2.83E-10	1.36E-11	3.29E-10	7.26E-11	9.56E-11	1.52E-10	2.67E-11	1.48E-10	8.38E-10
5719	487849.83	3856754.74	1.12E-06	1.11E-06	1.07E-06	3.88E-10	1.17E-09	6.78E-10	6.69E-10	6.07E-10	2.77E-10	2.69E-10	1.30E-11	3.13E-10	6.91E-11	9.09E-11	1.44E-10	2.54E-11	1.41E-10	7.97E-10
5720	487918.03	3856819.39	1.21E-06	1.19E-06	1.16E-06	4.17E-10	1.26E-09	7.29E-10	7.20E-10	6.52E-10	2.98E-10	2.89E-10	1.39E-11	3.37E-10	7.43E-11	9.77E-11	1.55E-10	2.73E-11	1.52E-10	8.57E-10
5721	487918.8	3856886.37	1.27E-06	1.26E-06	1.22E-06	4.40E-10	1.33E-09	7.70E-10	7.60E-10	6.89E-10	3.14E-10	3.05E-10	1.47E-11	3.55E-10	7.84E-11	1.03E-10	1.64E-10	2.88E-11	1.60E-10	9.04E-10
5722	488065.47	3857127.51	1.60E-06	1.58E-06	1.53E-06	5.54E-10	1.67E-09	9.69E-10	9.56E-10	8.67E-10	3.96E-10	3.84E-10	1.85E-11	4.47E-10	9.87E-11	1.30E-10	2.06E-10	3.63E-11	2.02E-10	1.14E-09
5723	488192.19	3857385.84	2.20E-06	2.17E-06	2.11E-06	7.61E-10	2.30E-09	1.33E-09	1.31E-09	1.19E-09	5.43E-10	5.27E-10	2.54E-11	6.14E-10	1.35E-10	1.78E-10	2.83E-10	4.98E-11	2.77E-10	1.56E-09
5724	488191.22	3857473.87	2.48E-06	2.44E-06	2.37E-06	8.57E-10	2.59E-09	1.50E-09	1.48E-09	1.34E-09	6.12E-10	5.94E-10	2.86E-11	6.92E-10	1.53E-10	2.01E-10	3.19E-10	5.61E-11	3.12E-10	1.76E-09
5725	488190.24	3857561.91	2.85E-06	2.81E-06	2.73E-06	9.85E-10	2.97E-09	1.72E-09	1.70E-09	1.54E-09	7.03E-10	6.83E-10	3.29E-11	7.94E-10	1.75E-10	2.31E-10	3.66E-10	6.45E-11	3.58E-10	2.02E-09
5726	488158.35	3857691.13	3.61E-06	3.57E-06	3.46E-06	1.25E-09	3.78E-09	2.19E-09	2.16E-09	1.96E-09	8.92E-10	8.67E-10	4.18E-11	1.01E-09	2.23E-10	2.93E-10	4.65E-10	8.19E-11	4.55E-10	2.57E-09
5727	488208.37	3857816.66	5.07E-06	5.00E-06	4.86E-06	1.75E-09	5.30E-09	3.07E-09	3.03E-09	2.74E-09	1.25E-09	1.22E-09	5.86E-11	1.42E-09	3.12E-10	4.11E-10	6.52E-10	1.15E-10	6.38E-10	3.60E-09
5728	488271.97	3857874.6	6.30E-06	6.22E-06	6.04E-06	2.18E-09	6.58E-09	3.81E-09	3.76E-09	3.41E-09	1.56E-09	1.51E-09	7.28E-11	1.76E-09	3.88E-10	5.11E-10	8.10E-10	1.43E-10	7.93E-10	4.48E-09
5729	488463.56	3857942.31	1.00E-05	9.90E-06	9.61E-06	3.47E-09	1.05E-08	6.07E-09	5.99E-09	5.43E-09	2.48E-09	2.41E-09	1.16E-10	2.80E-09	6.18E-10	8.13E-10	1.29E-09	2.27E-10	1.26E-09	7.13E-09
5730	488554.83	3857940.83	1.09E-05	1.08E-05	1.05E-05	3.78E-09	1.14E-08	6.61E-09	6.52E-09	5.91E-09	2.70E-09	2.62E-09	1.26E-10	3.05E-09	6.73E-10	8.86E-10	1.40E-09	2.48E-10	1.37E-09	7.76E-09
5731	488646.1	3857939.36	1.13E-05	1.12E-05	1.09E-05	3.92E-09	1.18E-08	6.85E-09	6.76E-09	6.13E-09	2.80E-09	2.72E-09	1.31E-10	3.16E-09	6.98E-10	9.18E-10	1.46E-09	2.57E-10	1.43E-09	8.05E-09
5732	488737.37	3857937.88	1.13E-05	1.12E-05	1.09E-05	3.93E-09	1.19E-08	6.86E-09	6.77E-09	6.14E-09	2.80E-09	2.72E-09	1.31E-10	3.17E-09	6.99E-10	9.20E-10	1.46E-09	2.57E-10	1.43E-09	8.06E-09
5733	488733.59	3857960.57	1.29E-05	1.27E-05	1.24E-05	4.47E-09	1.35E-08	7.81E-09	7.71E-09	6.99E-09	3.19E-09	3.10E-09	1.49E-10	3.61E-09	7.96E-10	1.05E-09	1.66E-09	2.93E-10	1.63E-09	9.18E-09
5734	488638.09	3857961.57	1.32E-05	1.30E-05	1.26E-05	4.57E-09	1.38E-08	7.99E-09	7.88E-09	7.14E-09	3.26E-09	3.17E-09	1.53E-10	3.68E-09	8.13E-10	1.07E-09	1.70E-09	2.99E-10	1.66E-09	9.38E-09
5735	488542.6	3857962.56	1.30E-05	1.28E-05	1.25E-05	4.50E-09	1.36E-08	7.87E-09	7.77E-09	7.04E-09	3.21E-09	3.12E-09	1.50E-10	3.63E-09	8.02E-10	1.05E-09	1.67E-09	2.95E-10	1.64E-09	9.25E-09
5736	488447.1	3857963.56	1.19E-05	1.18E-05	1.14E-05	4.13E-09	1.25E-08	7.22E-09	7.12E-09	6.46E-09	2.95E-09	2.86E-09	1.38E-10	3.33E-09	7.35E-10	9.67E-10	1.53E-09	2.70E-10	1.50E-09	8.48E-09
5737	488254.28	3857890.36	6.77E-06	6.68E-06	6.49E-06	2.34E-09	7.08E-09	4.10E-09	4.04E-09	3.67E-09	1.67E-09	1.62E-09	7.83E-11	1.89E-09	4.17E-10	5.49E-10	8.71E-10	1.53E-10	8.52E-10	4.81E-09
5738	488191.69	3857833.06	5.35E-06	5.28E-06	5.13E-06	1.85E-09	5.59E-09	3.24E-09	3.20E-09	2.90E-09	1.32E-09	1.28E-09	6.19E-11	1.49E-09	3.30E-10	4.34E-10	6.88E-10	1.21E-10	6.74E-10	3.80E-09
5739	488129.5	3857907.43	7.07E-06	6.98E-06	6.78E-06	2.45E-09	7.39E-09	4.28E-09	4.22E-09	3.83E-09	1.75E-09	1.70E-09	8.18E-11	1.98E-09	4.36E-10	5.74E-10	9.10E-10	1.60E-10	8.90E-10	5.03E-09
5740	488196.47	3857968.74	1.08E-05	1.06E-05	1.03E-05	3.73E-09	1.12E-08	6.51E-09	6.43E-09	5.83E-09	2.66E-09	2.58E-09	1.24E-10	3.01E-09	6.63E-10	8.73E-10	1.38E-09	2.44E-10	1.35E-09	7.65E-09
5741	488263.44	3858030.04	2.42E-05	2.39E-05	2.32E-05	8.38E-09	2.53E-08	1.47E-08	1.45E-08	1.31E-08	5.98E-09	5.81E-09	2.80E-10	6.76E-09	1.49E-09	1.96E-09	3.12E-09	5.49E-10	3.05E-09	1.72E-08
5742	488400.64	3858132.9	1.30E-04	1.29E-04	1.25E-04	4.52E-08	1.36E-07	7.89E-08	7.79E-08	7.06E-08	3.22E-08	3.13E-08	1.51E-09	3.64E-08	8.04E-09	1.06E-08	1.68E-08	2.96E-09	1.64E-08	9.27E-08
5743	488519.89	3858218.38	9.89E-05	9.76E-05	9.48E-05	3.42E-08	1.03E-07	5.98E-08	5.91E-08	5.35E-08	2.44E-08	2.37E-08	1.14E-09	2.76E-08	6.09E-09	8.02E-09	1.27E-08	2.24E-09	1.25E-08	7.03E-08
5744	488647.97	3858214.99	5.02E-05	4.95E-05	4.81E-05	1.74E-08	5.25E-08	3.04E-08	3.00E-08	2.72E-08	1.24E-08	1.20E-08	5.80E-10	1.40E-08	3.09E-09	4.07E-09	6.45E-09	1.14E-09	6.32E-09	3.57E-08
5745	488727.05	3858167.67	3.39E-05	3.35E-05	3.25E-05	1.17E-08	3.55E-08	2.05E-08	2.03E-08	1.84E-08	8.38E-09	8.14E-09	3.92E-10	9.48E-09	2.09E-09	2.75E-09	4.37E-09	7.69E-10	4.27E-09	2.41E-08
5746	488806.12	3858120.35	2.49E-05	2.46E-05	2.39E-05	8.62E-09	2.60E-08	1.51E-08	1.49E-08	1.35E-08	6.15E-09	5.98E-09	2.88E-10	6.96E-09	1.53E-09	2.02E-09	3.20E-09	5.65E-10	3.14E-09	1.77E-08
5747	488885.2	3858073.03	1.91E-05	1.89E-05	1.83E-05	6.62E-09	2.00E-08	1.16E-08	1.14E-08	1.04E-08	4.72E-09	4.59E-09	2.21E-10	5.34E-09	1.18E-09	1.55E-09	2.46E-09	4.34E-10	2.41E-09	1.36E-08
5748	489055.76	3857991.18	1.30E-05	1.28E-05	1.24E-05	4.48E-09	1.35E-08	7.84E-09	7.74E-09	7.01E-09	3.20E-09	3.11E-09	1.50E-10	3.62E-09	7.98E-10	1.05E-09	1.67E-09	2.94E-10	1.63E-09	9.21E-09
5749	489245.39	3857944.55	1.06E-05	1.05E-05	1.02E-05	3.67E-09	1.11E-08	6.41E-09	6.33E-09	5.74E-09	2.62E-09	2.54E-09	1.22E-10	2.96E-09	6.53E-10	8.59E-10	1.36E-09	2.40E-10	1.33E-09	7.53E-09
5750	489430.63	3857930.91	9.97E-06	9.84E-06	9.56E-06	3.45E-09	1.04E-08	6.03E-09	5.96E-09	5.40E-09	2.46E-09	2.39E-09	1.15E-10	2.78E-09	6.14E-10	8.09E-10	1.28E-09	2.26E-10	1.26E-09	7.09E-09
5751	489517.74	3857929.36	9.90E-06	9.77E-06	9.48E-06	3.43E-09	1.03E-08	5.99E-09	5.91E-09	5.36E-09	2.44E-09	2.37E-09	1.14E-10	2.76E-09	6.10E-10	8.02E-10	1.27E-09	2.24E-10	1.25E-09	7.03E-09
5752	489604.86	3857927.82	9.81E-06	9.68E-06	9.40E-06	3.40E-09	1.03E-08	5.94E-09	5.86E-09	5.31E-09	2.42E-09	2.35E-09	1.13E-10	2.74E-09	6.04E-10	7.95E-10	1.26E-09	2.22E-10	1.23E-09	6.97E-09
5753	489691.97	3857926.28	9.80E-06	9.67E-06	9.39E-06	3.39E-09	1.02E-08	5.93E-09	5.85E-09	5.30E-09	2.42E-09	2.35E-09	1.13E-10	2.74E-09	6.04E-10	7.94E-10	1.26E-09	2.22E-10	1.23E-09	6.96E-09
5754	489779.08	3857924.73	9.84E-06	9.72E-06	9.44E-06	3.41E-09	1.03E-08	5.96E-09	5.88E-09	5.33E-09	2.43E-09	2.36E-09	1.14E-10	2.75E-09	6.07E-10	7.98E-10	1.27E-09	2.23E-10	1.24E-09	7.00E-09
5755	490017.55	3857875.09	8.99E-06	8.87E-06	8.62E-06	3.11E-09	9.40E-09	5.44E-09	5.37E-09	4.87E-09	2.22E-09	2.16E-09	1.04E-10	2.51E-09	5.54E-10	7.29E-10	1.16E-09	2.04E-10	1.13E-09	6.39E-09
5756	490033.82	3857960.81	1.12E-05	1.11E-05	1.08E-05	3.89E-09	1.17E-08	6.79E-09	6.70E-09	6.08E-09	2.77E-09	2.69E-09	1.30E-10	3.13E-09	6.92E-10	9.10E-10	1.44E-09	2.54E-10	1.41E-09	7.98E-09
5757	489959.15	3857987.49	1.19E-05	1.18E-05	1.14E-05	4.13E-09	1.25E-08	7.21E-09	7.12E-09	6.45E-09	2.95E-09	2.86E-09	1.38E-10	3.33E-09	7.35E-10	9.67E-10	1.53E-09	2.70E-10	1.50E-09	8.47E-09
5758	489791.49	3858016.12	1.25E-05	1.23E-05	1.19E-05	4.31E-09	1.30E-08	7.54E-09	7.44E-09	6.75E-09	3.08E-09	2.99E-09	1.44E-10	3.48E-09	7.68E-10	1.01E-09	1.60E-09	2.82E-10	1.57E-09	8.86E-09
5759	489698.51	3858018.07	1.24E-05	1.22E-05	1.19E-05	4.29E-09	1.30E-08	7.51E-09	7.41E-09	6.72E-09	3.06E-09	2.98E-09	1.43E-10	3.46E-09	7.64E-10	1.01E-09	1.60E-09	2.81E-10	1.56E-09	8.82E-09
5760	489605.52	3858020.02	1.24E-05	1.22E-05	1.19E-05	4.29E-09	1.30E-08	7.51E-09	7.41E-09	6.72E-09	3.06E-09	2.98E-09	1.43E-10	3.46E-09	7.64E-10	1.01E-09	1.60E-09	2.81E-10	1.56E-09	8.82E-09
5761	489512.53	3858021.96	1.25E-05	1.24E-05	1.20E-05	4.34E-09	1.31E-08	7.59E-09	7.49E-09	6.79E-09	3.10E-09	3.01E-09	1.45E-10	3.50E-09	7.72E-10	1.02E-09	1.61E-09	2.84E-10	1.58E-09	8.91E-09
5762	489419.55	3858023.91	1.27E-05	1.26E-05	1.22E-05	4.41E-09	1.33E-08	7.71E-09	7.60E-09	6.89E-09	3.15E-09	3.05E-09	1.47E-10	3.56E-09	7.85E-10	1.03E-09	1.64E-09	2.89E-10	1.60E-09	9.05E-09
5763	489228.47	3858041.29	1.39E-05	1.37E-05	1.33E-05	4.80E-09	1.45E-08	8.39E-09	8.28E-09	7.51E-09	3.43E-09	3.33E-09	1.60E-10	3.87E-09	8.55E-10	1.12E-09	1.78E-09	3.14E-10	1.75E-09	9.86E-09
5764	489065.75	3858085.78	1.70E-05	1.68E-05	1.63E-05	5.89E-09	1.78E-08	1.03E-08	1.02E-08	9.21E-09	4.20E-09	4.08E-09	1.97E-10	4.75E-09	1.05E-09	1.38E-09	2.19E-09	3.86E-10	2.14E-09	1.21E-08
5765	489001.12	3858114.86	1.93E-05	1.90E-05	1.85E-05	6.68E-09	2.02E-08	1.17E-08	1.15E-08	1.04E-08	4.76E-09	4.63E-09	2.23E-10	5.38E-09	1.19E-09	1.56E-09	2.48E-09	4.37E-10	2.43E-09	1.37E-08
5766	488861.89	3858189.81	2.76E-05	2.73E-05	2.65E-05	9.57E-09	2.89E-08	1.67E-08	1.65E-08	1.50E-08	6.83E-09	6.63E-09	3.20E-10	7.72E-09	1.70E-09	2.24E-09	3.56E-09	6.27E-10	3.48E-09	1.96E-08
5767	488787.29	3858235.69	3.59E-05	3.54E-05	3.44E-05	1.24E-08	3.75E-08	2.17E-08	2.14E-08	1.94E-08	8.87E-09	8.61E-09	4.15E-10	1.00E-08	2.21E-09	2.91E-09	4.62E-09	8.14E-10	4.52E-09	2.55E-08
5768	488712.68	3858281.57	5.10E-05	5.03E-05	4.88E-05	1.76E-08	5.33E-08	3.08E-08	3.04E-08	2.76E-08	1.26E-08	1.22E-08	5.89E-10	1.42E-08	3.14E-09	4.13E-09	6.56E-09	1.16E-09	6.42E-09	3.62E-08
5769	488654.39	3858436.17	8.09E-05	7.98E-05	7.75E-05	2.80E-08	8.46E-08	4.90E-08	4.83E-08	4.38E-08	2.00E-08	1.94E-08	9.35E-10	2.26E-08	4.98E-09	6.56E-09	1.04E-08	1.83E-09	1.02E-08	5.75E-08
5770	488726.31	3858505.26	7.53E-05	7.43E-05	7.22E-05	2.61E-08	7.87E-08	4.56E-08	4.50E-08	4.08E-08	1.86E-08	1.81E-08	8.70E-10	2.10E-08	4.64E-09	6.11E-09	9.69E-09	1.71E-09	9.48E-09	5.35E-08

5771	488880.6	3858599.28	1.65E-04	1.62E-04	1.58E-04	5.70E-08	1.72E-07	9.96E-08	9.83E-08	8.91E-08	4.06E-08	3.95E-08	1.90E-09	4.59E-08	1.01E-08	1.33E-08	2.12E-08	3.73E-09	2.07E-08	1.17E-07
5772	489008.06	3858714.75	1.64E-04	1.62E-04	1.57E-04	5.69E-08	1.72E-07	9.94E-08	9.81E-08	8.89E-08	4.06E-08	3.94E-08	1.90E-09	4.59E-08	1.01E-08	1.33E-08	2.11E-08	3.72E-09	2.07E-08	1.17E-07
5773	489071.48	3858772.72	1.68E-04	1.65E-04	1.61E-04	5.80E-08	1.75E-07	1.01E-07	1.00E-07	9.07E-08	4.14E-08	4.02E-08	1.94E-09	4.68E-08	1.03E-08	1.36E-08	2.16E-08	3.80E-09	2.11E-08	1.19E-07
5774	489244.6	3858920.2	1.76E-04	1.74E-04	1.69E-04	6.09E-08	1.84E-07	1.06E-07	1.05E-07	9.52E-08	4.35E-08	4.22E-08	2.03E-09	4.91E-08	1.08E-08	1.43E-08	2.26E-08	3.99E-09	2.21E-08	1.25E-07
5775	489239.69	3858952.23	1.31E-04	1.30E-04	1.26E-04	4.55E-08	1.37E-07	7.96E-08	7.85E-08	7.12E-08	3.25E-08	3.15E-08	1.52E-09	3.67E-08	8.10E-09	1.07E-08	1.69E-08	2.98E-09	1.66E-08	9.34E-08
5776	489121.67	3858854.49	9.87E-05	9.74E-05	9.46E-05	3.42E-08	1.03E-07	5.97E-08	5.90E-08	5.34E-08	2.44E-08	2.37E-08	1.14E-09	2.76E-08	6.08E-09	8.01E-09	1.27E-08	2.24E-09	1.24E-08	7.02E-08
5777	489059.59	3858797.27	7.93E-05	7.83E-05	7.60E-05	2.75E-08	8.29E-08	4.80E-08	4.74E-08	4.29E-08	1.96E-08	1.90E-08	9.17E-10	2.21E-08	4.89E-09	6.43E-09	1.02E-08	1.80E-09	9.98E-09	5.64E-08
5778	488997.52	3858740.04	7.58E-05	7.49E-05	7.27E-05	2.63E-08	7.93E-08	4.59E-08	4.53E-08	4.11E-08	1.87E-08	1.82E-08	8.77E-10	2.12E-08	4.67E-09	6.15E-09	9.76E-09	1.72E-09	9.55E-09	5.39E-08
5779	488935.44	3858682.82	8.98E-05	8.86E-05	8.61E-05	3.11E-08	9.39E-08	5.43E-08	5.36E-08	4.86E-08	2.22E-08	2.15E-08	1.04E-09	2.51E-08	5.53E-09	7.28E-09	1.16E-08	2.04E-09	1.13E-08	6.38E-08
5780	488869.17	3858848.43	2.10E-05	2.07E-05	2.01E-05	7.27E-09	2.19E-08	1.27E-08	1.25E-08	1.14E-08	5.19E-09	5.04E-09	2.43E-10	5.86E-09	1.29E-09	1.70E-09	2.70E-09	4.76E-10	2.64E-09	1.49E-08
5781	488932.48	3858892.69	2.24E-05	2.21E-05	2.15E-05	7.77E-09	2.34E-08	1.36E-08	1.34E-08	1.21E-08	5.54E-09	5.38E-09	2.59E-10	6.26E-09	1.38E-09	1.82E-09	2.89E-09	5.09E-10	2.82E-09	1.59E-08
5782	489063.27	3858977.17	2.82E-05	2.78E-05	2.70E-05	9.76E-09	2.95E-08	1.71E-08	1.68E-08	1.53E-08	6.97E-09	6.76E-09	3.26E-10	7.87E-09	1.74E-09	2.29E-09	3.63E-09	6.39E-10	3.55E-09	2.00E-08
5783	489248.2	3859117.15	9.76E-05	9.63E-05	9.35E-05	3.38E-08	1.02E-07	5.90E-08	5.83E-08	5.28E-08	2.41E-08	2.34E-08	1.13E-09	2.72E-08	6.01E-09	7.91E-09	1.26E-08	2.21E-09	1.23E-08	6.93E-08
5784	489296.25	3859049.22	7.02E-05	6.92E-05	6.72E-05	2.43E-08	7.33E-08	4.25E-08	4.19E-08	3.80E-08	1.73E-08	1.68E-08	8.11E-10	1.96E-08	4.32E-09	5.69E-09	9.02E-09	1.59E-09	8.83E-09	4.99E-08
5785	489353.38	3858993.97	5.81E-05	5.74E-05	5.57E-05	2.01E-08	6.08E-08	3.52E-08	3.47E-08	3.15E-08	1.44E-08	1.39E-08	6.72E-10	1.62E-08	3.58E-09	4.71E-09	7.48E-09	1.32E-09	7.32E-09	4.13E-08
5786	489537.25	3859120.22	3.04E-05	3.00E-05	2.92E-05	1.05E-08	3.18E-08	1.84E-08	1.82E-08	1.65E-08	7.51E-09	7.30E-09	3.52E-10	8.49E-09	1.87E-09	2.47E-09	3.91E-09	6.90E-10	3.83E-09	2.16E-08
5787	489726.98	3859246.04	2.10E-05	2.07E-05	2.01E-05	7.26E-09	2.19E-08	1.27E-08	1.25E-08	1.14E-08	5.18E-09	5.03E-09	2.43E-10	5.86E-09	1.29E-09	1.70E-09	2.70E-09	4.76E-10	2.64E-09	1.49E-08
5788	489911.46	3859366.33	1.54E-05	1.52E-05	1.48E-05	5.33E-09	1.61E-08	9.32E-09	9.20E-09	8.34E-09	3.81E-09	3.70E-09	1.78E-10	4.30E-09	9.49E-10	1.25E-09	1.98E-09	3.49E-10	1.94E-09	1.09E-08
5789	490035.3	3859430.26	1.29E-05	1.28E-05	1.24E-05	4.47E-09	1.35E-08	7.82E-09	7.72E-09	7.00E-09	3.19E-09	3.10E-09	1.49E-10	3.61E-09	7.96E-10	1.05E-09	1.66E-09	2.93E-10	1.63E-09	9.18E-09
5790	490101.11	3859458.61	1.19E-05	1.18E-05	1.15E-05	4.14E-09	1.25E-08	7.23E-09	7.13E-09	6.47E-09	2.95E-09	2.87E-09	1.38E-10	3.34E-09	7.36E-10	9.69E-10	1.54E-09	2.71E-10	1.50E-09	8.49E-09
5791	490312.68	3859560.3	9.48E-06	9.36E-06	9.09E-06	3.28E-09	9.91E-09	5.74E-09	5.66E-09	5.13E-09	2.34E-09	2.27E-09	1.10E-10	2.65E-09	5.84E-10	7.69E-10	1.22E-09	2.15E-10	1.19E-09	6.74E-09
5792	490401.63	3859603.12	8.74E-06	8.63E-06	8.38E-06	3.03E-09	9.14E-09	5.29E-09	5.22E-09	4.73E-09	2.16E-09	2.10E-09	1.01E-10	2.44E-09	5.39E-10	7.09E-10	1.12E-09	1.98E-10	1.10E-09	6.21E-09
5793	490490.57	3859645.94	8.12E-06	8.02E-06	7.78E-06	2.81E-09	8.49E-09	4.91E-09	4.85E-09	4.40E-09	2.01E-09	1.95E-09	9.39E-11	2.27E-09	5.00E-10	6.59E-10	1.04E-09	1.84E-10	1.02E-09	5.77E-09
5794	490579.51	3859688.76	7.61E-06	7.51E-06	7.29E-06	2.63E-09	7.95E-09	4.60E-09	4.54E-09	4.12E-09	1.88E-09	1.82E-09	8.79E-11	2.12E-09	4.69E-10	6.17E-10	9.78E-10	1.72E-10	9.58E-10	5.41E-09
5795	490668.45	3859731.58	7.16E-06	7.07E-06	6.86E-06	2.48E-09	7.49E-09	4.33E-09	4.28E-09	3.88E-09	1.77E-09	1.72E-09	8.28E-11	2.00E-09	4.41E-10	5.81E-10	9.21E-10	1.62E-10	9.02E-10	5.09E-09
5796	490757.4	3859774.4	6.81E-06	6.72E-06	6.53E-06	2.36E-09	7.12E-09	4.12E-09	4.07E-09	3.69E-09	1.68E-09	1.63E-09	7.87E-11	1.90E-09	4.20E-10	5.52E-10	8.76E-10	1.54E-10	8.57E-10	4.84E-09
5797	491003.53	3859861.82	6.20E-06	6.12E-06	5.94E-06	2.15E-09	6.48E-09	3.75E-09	3.70E-09	3.36E-09	1.53E-09	1.49E-09	7.16E-11	1.73E-09	3.82E-10	5.03E-10	7.97E-10	1.40E-10	7.80E-10	4.40E-09
5798	491081.41	3859879.05	6.16E-06	6.08E-06	5.90E-06	2.13E-09	6.44E-09	3.73E-09	3.68E-09	3.33E-09	1.52E-09	1.48E-09	7.12E-11	1.72E-09	3.80E-10	4.99E-10	7.92E-10	1.40E-10	7.75E-10	4.38E-09
5799	491229.76	3859917.82	5.90E-06	5.82E-06	5.65E-06	2.04E-09	6.16E-09	3.57E-09	3.52E-09	3.19E-09	1.46E-09	1.41E-09	6.82E-11	1.65E-09	3.63E-10	4.78E-10	7.59E-10	1.34E-10	7.42E-10	4.19E-09
5800	491300.22	3859939.35	5.72E-06	5.64E-06	5.48E-06	1.98E-09	5.98E-09	3.46E-09	3.41E-09	3.09E-09	1.41E-09	1.37E-09	6.61E-11	1.60E-09	3.52E-10	4.64E-10	7.35E-10	1.30E-10	7.20E-10	4.06E-09
5801	491350.49	3860012.03	3.99E-06	3.94E-06	3.83E-06	1.38E-09	4.17E-09	2.42E-09	2.38E-09	2.16E-09	9.86E-10	9.58E-10	4.62E-11	1.12E-09	2.46E-10	3.24E-10	5.14E-10	9.05E-11	5.03E-10	2.84E-09
5802	491406.82	3860092.57	3.38E-06	3.33E-06	3.24E-06	1.17E-09	3.53E-09	2.04E-09	2.02E-09	1.83E-09	8.34E-10	8.10E-10	3.90E-11	9.43E-10	2.08E-10	2.74E-10	4.34E-10	7.65E-11	4.25E-10	2.40E-09
5803	491483.37	3860121.96	3.26E-06	3.21E-06	3.12E-06	1.13E-09	3.40E-09	1.97E-09	1.94E-09	1.76E-09	8.04E-10	7.81E-10	3.76E-11	9.09E-10	2.01E-10	2.64E-10	4.19E-10	7.38E-11	4.10E-10	2.31E-09
5804	491559.91	3860151.36	3.13E-06	3.09E-06	3.00E-06	1.08E-09	3.27E-09	1.89E-09	1.87E-09	1.69E-09	7.73E-10	7.51E-10	3.62E-11	8.74E-10	1.93E-10	2.54E-10	4.02E-10	7.09E-11	3.94E-10	2.22E-09
5805	491711.81	3860237.76	2.86E-06	2.83E-06	2.74E-06	9.91E-10	2.99E-09	1.73E-09	1.71E-09	1.55E-09	7.07E-10	6.87E-10	3.31E-11	8.00E-10	1.76E-10	2.32E-10	3.68E-10	6.49E-11	3.61E-10	2.04E-09
5806	491755.2	3860319.07	2.53E-06	2.49E-06	2.42E-06	8.75E-10	2.64E-09	1.53E-09	1.51E-09	1.37E-09	6.24E-10	6.06E-10	2.92E-11	7.06E-10	1.56E-10	2.05E-10	3.25E-10	5.73E-11	3.18E-10	1.80E-09
5807	491704.71	3860366.54	2.43E-06	2.40E-06	2.33E-06	8.41E-10	2.54E-09	1.47E-09	1.45E-09	1.31E-09	6.00E-10	5.83E-10	2.81E-11	6.78E-10	1.50E-10	1.97E-10	3.12E-10	5.51E-11	3.06E-10	1.73E-09
5808	491623.43	3860462.39	2.25E-06	2.22E-06	2.15E-06	7.78E-10	2.35E-09	1.36E-09	1.34E-09	1.22E-09	5.55E-10	5.39E-10	2.60E-11	6.27E-10	1.38E-10	1.82E-10	2.89E-10	5.09E-11	2.83E-10	1.60E-09
5809	491534.02	3860439.85	2.40E-06	2.37E-06	2.30E-06	8.32E-10	2.51E-09	1.45E-09	1.44E-09	1.30E-09	5.94E-10	5.77E-10	2.78E-11	6.71E-10	1.48E-10	1.95E-10	3.09E-10	5.45E-11	3.03E-10	1.71E-09
5810	491313.95	3860268.18	2.69E-06	2.66E-06	2.58E-06	9.31E-10	2.81E-09	1.63E-09	1.61E-09	1.46E-09	6.65E-10	6.45E-10	3.11E-11	7.51E-10	1.66E-10	2.18E-10	3.46E-10	6.10E-11	3.39E-10	1.91E-09
5811	491187.12	3860143.56	3.13E-06	3.09E-06	3.00E-06	1.08E-09	3.27E-09	1.89E-09	1.87E-09	1.69E-09	7.72E-10	7.50E-10	3.61E-11	8.73E-10	1.93E-10	2.54E-10	4.02E-10	7.09E-11	3.94E-10	2.22E-09
5812	491070.43	3860075.97	3.43E-06	3.39E-06	3.29E-06	1.19E-09	3.59E-09	2.08E-09	2.05E-09	1.86E-09	8.48E-10	8.23E-10	3.97E-11	9.58E-10	2.11E-10	2.78E-10	4.41E-10	7.78E-11	4.32E-10	2.44E-09
5813	490995.09	3860039.39	3.61E-06	3.56E-06	3.46E-06	1.25E-09	3.77E-09	2.18E-09	2.16E-09	1.95E-09	8.92E-10	8.66E-10	4.17E-11	1.01E-09	2.22E-10	2.93E-10	4.64E-10	8.18E-11	4.54E-10	2.57E-09
5814	490919.75	3860002.8	3.81E-06	3.76E-06	3.65E-06	1.32E-09	3.98E-09	2.30E-09	2.27E-09	2.06E-09	9.41E-10	9.13E-10	4.40E-11	1.06E-09	2.35E-10	3.09E-10	4.90E-10	8.63E-11	4.79E-10	2.71E-09
5815	490756.81	3859894.53	4.52E-06	4.46E-06	4.33E-06	1.56E-09	4.72E-09	2.74E-09	2.70E-09	2.45E-09	1.12E-09	1.08E-09	5.23E-11	1.26E-09	2.79E-10	3.66E-10	5.81E-10	1.02E-10	5.69E-10	3.21E-09
5816	490668.07	3859860.92	4.73E-06	4.67E-06	4.54E-06	1.64E-09	4.95E-09	2.86E-09	2.83E-09	2.56E-09	1.17E-09	1.14E-09	5.47E-11	1.32E-09	2.92E-10	3.84E-10	6.09E-10	1.07E-10	5.96E-10	3.36E-09
5817	490579.34	3859827.3	5.01E-06	4.94E-06	4.80E-06	1.73E-09	5.23E-09	3.03E-09	2.99E-09	2.71E-09	1.24E-09	1.20E-09	5.79E-11	1.40E-09	3.08E-10	4.06E-10	6.44E-10	1.13E-10	6.30E-10	3.56E-09
5818	490490.6	3859793.68	5.30E-06	5.23E-06	5.08E-06	1.83E-09	5.54E-09	3.21E-09	3.16E-09	2.87E-09	1.31E-09	1.27E-09	6.13E-11	1.48E-09	3.27E-10	4.30E-10	6.82E-10	1.20E-10	6.67E-10	3.77E-09
5819	490401.86	3859760.07	5.65E-06	5.58E-06	5.42E-06	1.96E-09	5.91E-09	3.42E-09	3.38E-09	3.06E-09	1.40E-09	1.36E-09	6.54E-11	1.58E-09	3.48E-10	4.58E-10	7.27E-10	1.28E-10	7.12E-10	4.02E-09
5820	490313.12	3859726.45	6.09E-06	6.01E-06	5.84E-06	2.11E-09	6.37E-09	3.69E-09	3.64E-09	3.30E-09	1.51E-09	1.46E-09	7.04E-11	1.70E-09	3.75E-10	4.94E-10	7.84E-10	1.38E-10	7.67E-10	4.33E-09
5821	490224.39	3859692.83	6.63E-06	6.54E-06	6.35E-06	2.29E-09	6.93E-09	4.01E-09	3.96E-09	3.59E-09	1.64E-09	1.59E-09	7.66E-11	1.85E-09	4.08E-10	5.37E-10	8.52E-10	1.50E-10	8.34E-10	4.71E-09
5822	490135.65	3859659.22	7.28E-06	7.19E-06	6.98E-06	2.52E-09	7.61E-09	4.41E-09	4.35E-09	3.94E-09	1.80E-09	1.75E-09	8.42E-11	2.03E-09	4.49E-10	5.90E-10	9.37E-10	1.65E-10	9.17E-10	5.17E-09
5823	489918.19	3859559.23	1.00E-05	9.88E-06	9.59E-06	3.47E-09	1.05E-08	6.06E-09	5.98E-09	5.42E-09	2.47E-09	2.40E-09	1.16E-10	2.79E-09	6.17E-10	8.12E-10	1.29E-09	2.27E-10	1.26E-09	7.11E-09

5824	489743.61	3859486	1.40E-05	1.38E-05	1.34E-05	4.84E-09	1.46E-08	8.45E-09	8.34E-09	7.56E-09	3.45E-09	3.35E-09	1.62E-10	3.90E-09	8.61E-10	1.13E-09	1.80E-09	3.17E-10	1.76E-09	9.93E-09
5825	489660.32	3859440.27	1.74E-05	1.71E-05	1.66E-05	6.01E-09	1.82E-08	1.05E-08	1.04E-08	9.40E-09	4.29E-09	4.17E-09	2.01E-10	4.85E-09	1.07E-09	1.41E-09	2.23E-09	3.94E-10	2.19E-09	1.23E-08
5826	489577.04	3859394.53	2.18E-05	2.15E-05	2.09E-05	7.54E-09	2.28E-08	1.32E-08	1.30E-08	1.18E-08	5.38E-09	5.23E-09	2.52E-10	6.08E-09	1.34E-09	1.77E-09	2.80E-09	4.94E-10	2.74E-09	1.55E-08
5827	489493.75	3859348.8	2.75E-05	2.71E-05	2.63E-05	9.51E-09	2.87E-08	1.66E-08	1.64E-08	1.49E-08	6.79E-09	6.59E-09	3.18E-10	7.67E-09	1.69E-09	2.23E-09	3.53E-09	6.23E-10	3.46E-09	1.95E-08
5828	489321.28	3859240.02	5.45E-05	5.38E-05	5.22E-05	1.89E-08	5.70E-08	3.30E-08	3.26E-08	2.95E-08	1.35E-08	1.31E-08	6.30E-10	1.52E-08	3.36E-09	4.42E-09	7.01E-09	1.24E-09	6.86E-09	3.87E-08
5829	489235.41	3859193.96	1.13E-04	1.11E-04	1.08E-04	3.90E-08	1.18E-07	6.81E-08	6.72E-08	6.09E-08	2.78E-08	2.70E-08	1.30E-09	3.14E-08	6.93E-09	9.13E-09	1.45E-08	2.55E-09	1.42E-08	8.00E-08
5830	489149.54	3859147.89	3.45E-05	3.40E-05	3.30E-05	1.19E-08	3.60E-08	2.09E-08	2.06E-08	1.87E-08	8.51E-09	8.27E-09	3.98E-10	9.62E-09	2.12E-09	2.79E-09	4.43E-09	7.81E-10	4.34E-09	2.45E-08
5831	489063.68	3859101.82	2.20E-05	2.17E-05	2.11E-05	7.62E-09	2.30E-08	1.33E-08	1.32E-08	1.19E-08	5.44E-09	5.28E-09	2.55E-10	6.15E-09	1.36E-09	1.79E-09	2.83E-09	4.99E-10	2.77E-09	1.56E-08
5832	488977.81	3859055.75	1.79E-05	1.77E-05	1.72E-05	6.20E-09	1.87E-08	1.08E-08	1.07E-08	9.70E-09	4.43E-09	4.30E-09	2.07E-10	5.00E-09	1.10E-09	1.45E-09	2.30E-09	4.06E-10	2.26E-09	1.27E-08
5833	488891.94	3859009.69	1.55E-05	1.53E-05	1.48E-05	5.35E-09	1.62E-08	9.35E-09	9.23E-09	8.37E-09	3.82E-09	3.71E-09	1.79E-10	4.32E-09	9.52E-10	1.25E-09	1.99E-09	3.50E-10	1.95E-09	1.10E-08
5834	488808	3859060.73	1.20E-05	1.19E-05	1.15E-05	4.17E-09	1.26E-08	7.29E-09	7.19E-09	6.52E-09	2.97E-09	2.89E-09	1.39E-10	3.36E-09	7.42E-10	9.76E-10	1.55E-09	2.73E-10	1.52E-09	8.56E-09
5835	488809.93	3859157.85	1.07E-05	1.05E-05	1.02E-05	3.69E-09	1.11E-08	6.45E-09	6.36E-09	5.77E-09	2.63E-09	2.56E-09	1.23E-10	2.98E-09	6.57E-10	8.64E-10	1.37E-09	2.42E-10	1.34E-09	7.57E-09
5836	488811.86	3859254.96	9.61E-06	9.48E-06	9.21E-06	3.33E-09	1.00E-08	5.81E-09	5.74E-09	5.20E-09	2.37E-09	2.30E-09	1.11E-10	2.68E-09	5.92E-10	7.79E-10	1.24E-09	2.18E-10	1.21E-09	6.83E-09
5837	488813.78	3859352.07	8.67E-06	8.55E-06	8.31E-06	3.00E-09	9.06E-09	5.24E-09	5.18E-09	4.69E-09	2.14E-09	2.08E-09	1.00E-10	2.42E-09	5.34E-10	7.03E-10	1.11E-09	1.96E-10	1.09E-09	6.16E-09
5838	488815.71	3859449.19	7.76E-06	7.66E-06	7.44E-06	2.69E-09	8.11E-09	4.69E-09	4.63E-09	4.20E-09	1.92E-09	1.86E-09	8.97E-11	2.17E-09	4.78E-10	6.29E-10	9.98E-10	1.76E-10	9.77E-10	5.51E-09
5839	488910.04	3859547.11	7.92E-06	7.82E-06	7.59E-06	2.74E-09	8.28E-09	4.79E-09	4.73E-09	4.29E-09	1.96E-09	1.90E-09	9.15E-11	2.21E-09	4.88E-10	6.42E-10	1.02E-09	1.80E-10	9.97E-10	5.63E-09
5840	489002.45	3859547.91	9.92E-06	9.79E-06	9.50E-06	3.43E-09	1.04E-08	6.00E-09	5.92E-09	5.37E-09	2.45E-09	2.38E-09	1.15E-10	2.77E-09	6.11E-10	8.04E-10	1.28E-09	2.25E-10	1.25E-09	7.05E-09
5841	489094.85	3859548.72	1.43E-05	1.42E-05	1.37E-05	4.97E-09	1.50E-08	8.68E-09	8.57E-09	7.76E-09	3.54E-09	3.44E-09	1.66E-10	4.00E-09	8.84E-10	1.16E-09	1.84E-09	3.25E-10	1.81E-09	1.02E-08
5842	489230.05	3859601.87	2.30E-05	2.27E-05	2.20E-05	7.96E-09	2.40E-08	1.39E-08	1.37E-08	1.25E-08	5.68E-09	5.52E-09	2.66E-10	6.42E-09	1.42E-09	1.86E-09	2.96E-09	5.21E-10	2.90E-09	1.63E-08
5843	489227.52	3859680.89	1.82E-05	1.80E-05	1.75E-05	6.31E-09	1.90E-08	1.10E-08	1.09E-08	9.86E-09	4.50E-09	4.37E-09	2.11E-10	5.09E-09	1.12E-09	1.48E-09	2.34E-09	4.13E-10	2.29E-09	1.29E-08
5844	489133.47	3859760.29	7.82E-06	7.72E-06	7.50E-06	2.71E-09	8.18E-09	4.73E-09	4.67E-09	4.23E-09	1.93E-09	1.88E-09	9.04E-11	2.18E-09	4.82E-10	6.34E-10	1.01E-09	1.77E-10	9.85E-10	5.56E-09
5845	489041.96	3859760.67	6.46E-06	6.37E-06	6.19E-06	2.23E-09	6.75E-09	3.91E-09	3.86E-09	3.49E-09	1.59E-09	1.55E-09	7.46E-11	1.80E-09	3.98E-10	5.23E-10	8.30E-10	1.46E-10	8.13E-10	4.59E-09
5846	488950.45	3859761.05	5.65E-06	5.58E-06	5.41E-06	1.96E-09	5.90E-09	3.42E-09	3.37E-09	3.06E-09	1.40E-09	1.35E-09	6.53E-11	1.58E-09	3.48E-10	4.58E-10	7.27E-10	1.28E-10	7.11E-10	4.01E-09
5847	488858.94	3859761.43	5.08E-06	5.01E-06	4.86E-06	1.76E-09	5.31E-09	3.07E-09	3.03E-09	2.75E-09	1.25E-09	1.22E-09	5.87E-11	1.42E-09	3.13E-10	4.12E-10	6.53E-10	1.15E-10	6.39E-10	3.61E-09
5848	488767.43	3859761.82	4.64E-06	4.58E-06	4.45E-06	1.61E-09	4.85E-09	2.81E-09	2.77E-09	2.51E-09	1.15E-09	1.11E-09	5.36E-11	1.30E-09	2.86E-10	3.76E-10	5.97E-10	1.05E-10	5.84E-10	3.30E-09
5849	488675.92	3859762.2	4.31E-06	4.25E-06	4.13E-06	1.49E-09	4.50E-09	2.61E-09	2.57E-09	2.33E-09	1.06E-09	1.03E-09	4.98E-11	1.20E-09	2.66E-10	3.49E-10	5.54E-10	9.77E-11	5.43E-10	3.06E-09
5850	488584.41	3859762.58	3.99E-06	3.94E-06	3.82E-06	1.38E-09	4.17E-09	2.41E-09	2.38E-09	2.16E-09	9.86E-10	9.57E-10	4.61E-11	1.11E-09	2.46E-10	3.23E-10	5.13E-10	9.04E-11	5.02E-10	2.84E-09
5851	488492.9	3859762.96	3.71E-06	3.66E-06	3.56E-06	1.28E-09	3.88E-09	2.25E-09	2.22E-09	2.01E-09	9.17E-10	8.90E-10	4.29E-11	1.04E-09	2.29E-10	3.01E-10	4.77E-10	8.41E-11	4.67E-10	2.64E-09
5852	488402.76	3859830.95	3.27E-06	3.23E-06	3.14E-06	1.13E-09	3.42E-09	1.98E-09	1.96E-09	1.77E-09	8.09E-10	7.85E-10	3.78E-11	9.14E-10	2.02E-10	2.65E-10	4.21E-10	7.42E-11	4.12E-10	2.33E-09
5853	488404.14	3859898.55	3.07E-06	3.03E-06	2.94E-06	1.06E-09	3.21E-09	1.86E-09	1.83E-09	1.66E-09	7.58E-10	7.36E-10	3.55E-11	8.57E-10	1.89E-10	2.49E-10	3.95E-10	6.96E-11	3.86E-10	2.18E-09
5854	488505.18	3859964.96	3.07E-06	3.03E-06	2.95E-06	1.06E-09	3.21E-09	1.86E-09	1.84E-09	1.66E-09	7.60E-10	7.38E-10	3.55E-11	8.59E-10	1.89E-10	2.49E-10	3.96E-10	6.97E-11	3.87E-10	2.19E-09
5855	488604.85	3859963.76	3.28E-06	3.23E-06	3.14E-06	1.13E-09	3.42E-09	1.98E-09	1.96E-09	1.77E-09	8.09E-10	7.86E-10	3.79E-11	9.15E-10	2.02E-10	2.66E-10	4.21E-10	7.43E-11	4.12E-10	2.33E-09
5856	488704.51	3859962.56	3.51E-06	3.46E-06	3.36E-06	1.21E-09	3.67E-09	2.12E-09	2.09E-09	1.90E-09	8.67E-10	8.41E-10	4.06E-11	9.80E-10	2.16E-10	2.84E-10	4.51E-10	7.95E-11	4.42E-10	2.49E-09
5857	488804.18	3859961.37	3.79E-06	3.74E-06	3.63E-06	1.31E-09	3.96E-09	2.29E-09	2.26E-09	2.05E-09	9.36E-10	9.09E-10	4.38E-11	1.06E-09	2.34E-10	3.07E-10	4.88E-10	8.59E-11	4.77E-10	2.69E-09
5858	488903.85	3859960.17	4.14E-06	4.09E-06	3.97E-06	1.43E-09	4.33E-09	2.51E-09	2.47E-09	2.24E-09	1.02E-09	9.93E-10	4.79E-11	1.16E-09	2.55E-10	3.36E-10	5.33E-10	9.39E-11	5.21E-10	2.94E-09
5859	489003.52	3859958.97	4.58E-06	4.52E-06	4.39E-06	1.58E-09	4.78E-09	2.77E-09	2.73E-09	2.48E-09	1.13E-09	1.10E-09	5.29E-11	1.28E-09	2.82E-10	3.71E-10	5.89E-10	1.04E-10	5.76E-10	3.25E-09
5860	489103.18	3859957.77	5.47E-06	5.40E-06	5.24E-06	1.89E-09	5.71E-09	3.31E-09	3.26E-09	2.96E-09	1.35E-09	1.31E-09	6.32E-11	1.53E-09	3.37E-10	4.43E-10	7.03E-10	1.24E-10	6.88E-10	3.89E-09
5861	489201.48	3860046.59	7.12E-06	7.03E-06	6.83E-06	2.47E-09	7.44E-09	4.31E-09	4.25E-09	3.86E-09	1.76E-09	1.71E-09	8.23E-11	1.99E-09	4.39E-10	5.77E-10	9.16E-10	1.61E-10	8.97E-10	5.06E-09
5862	489200.11	3860136.61	6.90E-06	6.81E-06	6.62E-06	2.39E-09	7.22E-09	4.18E-09	4.12E-09	3.74E-09	1.71E-09	1.66E-09	7.98E-11	1.93E-09	4.25E-10	5.60E-10	8.88E-10	1.57E-10	8.69E-10	4.91E-09
5863	489198.74	3860226.63	7.85E-06	7.75E-06	7.53E-06	2.72E-09	8.21E-09	4.75E-09	4.69E-09	4.25E-09	1.94E-09	1.88E-09	9.08E-11	2.19E-09	4.84E-10	6.37E-10	1.01E-09	1.78E-10	9.88E-10	5.58E-09
5864	489197.38	3860316.66	6.26E-06	6.18E-06	6.00E-06	2.17E-09	6.54E-09	3.79E-09	3.74E-09	3.39E-09	1.55E-09	1.50E-09	7.24E-11	1.75E-09	3.86E-10	5.08E-10	8.05E-10	1.42E-10	7.88E-10	4.45E-09
5865	489196.01	3860406.68	6.08E-06	6.00E-06	5.83E-06	2.10E-09	6.35E-09	3.68E-09	3.63E-09	3.29E-09	1.50E-09	1.46E-09	7.03E-11	1.70E-09	3.75E-10	4.93E-10	7.82E-10	1.38E-10	7.65E-10	4.32E-09
5866	489194.64	3860496.7	7.10E-06	7.01E-06	6.80E-06	2.46E-09	7.42E-09	4.30E-09	4.24E-09	3.84E-09	1.75E-09	1.70E-09	8.21E-11	1.98E-09	4.37E-10	5.76E-10	9.13E-10	1.61E-10	8.94E-10	5.04E-09
5867	489193.27	3860586.72	6.87E-06	6.79E-06	6.59E-06	2.38E-09	7.19E-09	4.16E-09	4.11E-09	3.72E-09	1.70E-09	1.65E-09	7.95E-11	1.92E-09	4.24E-10	5.57E-10	8.84E-10	1.56E-10	8.65E-10	4.89E-09
5868	489092.02	3860678.13	3.54E-06	3.49E-06	3.39E-06	1.22E-09	3.70E-09	2.14E-09	2.11E-09	1.92E-09	8.74E-10	8.49E-10	4.09E-11	9.88E-10	2.18E-10	2.87E-10	4.55E-10	8.02E-11	4.45E-10	2.51E-09
5869	488992.13	3860679.53	2.76E-06	2.72E-06	2.64E-06	9.54E-10	2.88E-09	1.67E-09	1.65E-09	1.49E-09	6.81E-10	6.61E-10	3.19E-11	7.70E-10	1.70E-10	2.24E-10	3.55E-10	6.25E-11	3.47E-10	1.96E-09
5870	488892.25	3860680.92	2.43E-06	2.40E-06	2.33E-06	8.40E-10	2.54E-09	1.47E-09	1.45E-09	1.31E-09	6.00E-10	5.82E-10	2.81E-11	6.78E-10	1.50E-10	1.97E-10	3.12E-10	5.50E-11	3.06E-10	1.73E-09
5871	488792.36	3860682.31	2.22E-06	2.19E-06	2.13E-06	7.68E-10	2.32E-09	1.34E-09	1.33E-09	1.20E-09	5.48E-10	5.32E-10	2.57E-11	6.20E-10	1.37E-10	1.80E-10	2.85E-10	5.03E-11	2.79E-10	1.58E-09
5872	488692.48	3860683.7	2.07E-06	2.04E-06	1.98E-06	7.17E-10	2.16E-09	1.25E-09	1.24E-09	1.12E-09	5.11E-10	4.97E-10	2.39E-11	5.78E-10	1.28E-10	1.68E-10	2.66E-10	4.69E-11	2.61E-10	1.47E-09
5873	488592.59	3860685.1	1.95E-06	1.92E-06	1.87E-06	6.75E-10	2.04E-09	1.18E-09	1.16E-09	1.06E-09	4.82E-10	4.68E-10	2.25E-11	5.44E-10	1.20E-10	1.58E-10	2.51E-10	4.42E-11	2.45E-10	1.39E-09
5874	488492.71	3860686.49	1.87E-06	1.85E-06	1.80E-06	6.49E-10	1.96E-09	1.13E-09	1.12E-09	1.01E-09	4.63E-10	4.50E-10	2.17E-11	5.23E-10	1.15E-10	1.52E-10	2.41E-10	4.25E-11	2.36E-10	1.33E-09
5875	488299.07	3860762.18	1.71E-06	1.68E-06	1.64E-06	5.91E-10	1.78E-09	1.03E-09	1.02E-09	9.24E-10	4.22E-10	4.09E-10	1.97E-11	4.77E-10	1.05E-10	1.38E-10	2.20E-10	3.87E-11	2.15E-10	1.21E-09
5876	488205.32	3860764.09	1.65E-06	1.63E-06	1.58E-06	5.70E-10	1.72E-09	9.96E-10	9.83E-10	8.91E-10	4.07E-10	3.95E-10	1.90E-11	4.60E-10	1.01E-10	1.34E-10	2.12E-10	3.73E-11	2.07E-10	1.17E-09

5877	488111.56	3860766	1.58E-06	1.56E-06	1.52E-06	5.48E-10	1.65E-09	9.57E-10	9.45E-10	8.56E-10	3.91E-10	3.79E-10	1.83E-11	4.42E-10	9.75E-11	1.28E-10	2.03E-10	3.59E-11	1.99E-10	1.12E-09
5878	488017.81	3860767.91	1.52E-06	1.50E-06	1.45E-06	5.25E-10	1.58E-09	9.17E-10	9.05E-10	8.21E-10	3.74E-10	3.64E-10	1.75E-11	4.23E-10	9.34E-11	1.23E-10	1.95E-10	3.44E-11	1.91E-10	1.08E-09
5879	487924.06	3860769.81	1.45E-06	1.44E-06	1.39E-06	5.04E-10	1.52E-09	8.80E-10	8.69E-10	7.87E-10	3.59E-10	3.49E-10	1.68E-11	4.06E-10	8.96E-11	1.18E-10	1.87E-10	3.30E-11	1.83E-10	1.03E-09
5880	487830.31	3860771.72	1.40E-06	1.38E-06	1.34E-06	4.84E-10	1.46E-09	8.47E-10	8.36E-10	7.58E-10	3.46E-10	3.36E-10	1.62E-11	3.91E-10	8.62E-11	1.13E-10	1.80E-10	3.17E-11	1.76E-10	9.94E-10
5881	487736.55	3860773.63	1.35E-06	1.33E-06	1.30E-06	4.68E-10	1.41E-09	8.18E-10	8.07E-10	7.32E-10	3.34E-10	3.24E-10	1.56E-11	3.77E-10	8.33E-11	1.10E-10	1.74E-10	3.06E-11	1.70E-10	9.60E-10
5882	487642.8	3860775.54	1.31E-06	1.30E-06	1.26E-06	4.54E-10	1.37E-09	7.94E-10	7.84E-10	7.11E-10	3.24E-10	3.15E-10	1.52E-11	3.67E-10	8.09E-11	1.06E-10	1.69E-10	2.98E-11	1.65E-10	9.33E-10
5883	487549.48	3860684.71	1.32E-06	1.31E-06	1.27E-06	4.58E-10	1.38E-09	8.01E-10	7.90E-10	7.16E-10	3.27E-10	3.17E-10	1.53E-11	3.69E-10	8.15E-11	1.07E-10	1.70E-10	3.00E-11	1.67E-10	9.40E-10
5884	487549.91	3860591.97	1.36E-06	1.35E-06	1.31E-06	4.72E-10	1.43E-09	8.26E-10	8.15E-10	7.39E-10	3.37E-10	3.27E-10	1.58E-11	3.81E-10	8.41E-11	1.11E-10	1.75E-10	3.09E-11	1.72E-10	9.70E-10
5885	487550.34	3860499.23	1.42E-06	1.40E-06	1.36E-06	4.91E-10	1.48E-09	8.58E-10	8.47E-10	7.67E-10	3.50E-10	3.40E-10	1.64E-11	3.96E-10	8.73E-11	1.15E-10	1.82E-10	3.21E-11	1.78E-10	1.01E-09
5886	487550.76	3860406.49	1.48E-06	1.46E-06	1.42E-06	5.13E-10	1.55E-09	8.97E-10	8.85E-10	8.02E-10	3.66E-10	3.55E-10	1.71E-11	4.14E-10	9.13E-11	1.20E-10	1.91E-10	3.36E-11	1.87E-10	1.05E-09
5887	487551.19	3860313.75	1.55E-06	1.53E-06	1.49E-06	5.37E-10	1.62E-09	9.38E-10	9.26E-10	8.40E-10	3.83E-10	3.72E-10	1.79E-11	4.33E-10	9.56E-11	1.26E-10	1.99E-10	3.52E-11	1.95E-10	1.10E-09
5888	487551.62	3860221.01	1.63E-06	1.61E-06	1.56E-06	5.64E-10	1.70E-09	9.87E-10	9.74E-10	8.83E-10	4.03E-10	3.91E-10	1.89E-11	4.55E-10	1.00E-10	1.32E-10	2.10E-10	3.70E-11	2.05E-10	1.16E-09
5889	487552.05	3860128.27	1.73E-06	1.71E-06	1.66E-06	5.99E-10	1.81E-09	1.05E-09	1.03E-09	9.37E-10	4.28E-10	4.15E-10	2.00E-11	4.83E-10	1.07E-10	1.40E-10	2.23E-10	3.92E-11	2.18E-10	1.23E-09
5890	487552.48	3860035.53	1.84E-06	1.81E-06	1.76E-06	6.36E-10	1.92E-09	1.11E-09	1.10E-09	9.94E-10	4.53E-10	4.40E-10	2.12E-11	5.13E-10	1.13E-10	1.49E-10	2.36E-10	4.16E-11	2.31E-10	1.30E-09
5891	487552.91	3859942.79	1.93E-06	1.90E-06	1.85E-06	6.67E-10	2.01E-09	1.17E-09	1.15E-09	1.04E-09	4.76E-10	4.62E-10	2.23E-11	5.38E-10	1.19E-10	1.56E-10	2.48E-10	4.37E-11	2.42E-10	1.37E-09
5892	487553.33	3859850.05	2.04E-06	2.02E-06	1.96E-06	7.07E-10	2.14E-09	1.24E-09	1.22E-09	1.11E-09	5.05E-10	4.90E-10	2.36E-11	5.70E-10	1.26E-10	1.66E-10	2.63E-10	4.63E-11	2.57E-10	1.45E-09
5893	487553.76	3859757.31	2.16E-06	2.13E-06	2.07E-06	7.46E-10	2.25E-09	1.30E-09	1.29E-09	1.17E-09	5.32E-10	5.17E-10	2.49E-11	6.02E-10	1.33E-10	1.75E-10	2.77E-10	4.89E-11	2.71E-10	1.53E-09
5894	487554.19	3859664.57	2.28E-06	2.25E-06	2.18E-06	7.88E-10	2.38E-09	1.38E-09	1.36E-09	1.23E-09	5.62E-10	5.46E-10	2.63E-11	6.36E-10	1.40E-10	1.85E-10	2.93E-10	5.16E-11	2.87E-10	1.62E-09
5895	487460.2	3859571.05	2.30E-06	2.27E-06	2.20E-06	7.95E-10	2.40E-09	1.39E-09	1.37E-09	1.24E-09	5.67E-10	5.51E-10	2.65E-11	6.41E-10	1.42E-10	1.86E-10	2.95E-10	5.21E-11	2.89E-10	1.63E-09
5896	487365.78	3859570.27	2.20E-06	2.17E-06	2.11E-06	7.60E-10	2.30E-09	1.33E-09	1.31E-09	1.19E-09	5.43E-10	5.27E-10	2.54E-11	6.13E-10	1.35E-10	1.78E-10	2.83E-10	4.98E-11	2.77E-10	1.56E-09
5897	487271.36	3859569.48	2.09E-06	2.07E-06	2.01E-06	7.24E-10	2.19E-09	1.27E-09	1.25E-09	1.13E-09	5.17E-10	5.02E-10	2.42E-11	5.84E-10	1.29E-10	1.70E-10	2.69E-10	4.74E-11	2.63E-10	1.49E-09
5898	487176.94	3859568.7	1.99E-06	1.96E-06	1.91E-06	6.89E-10	2.08E-09	1.20E-09	1.19E-09	1.08E-09	4.91E-10	4.77E-10	2.30E-11	5.55E-10	1.23E-10	1.61E-10	2.56E-10	4.51E-11	2.50E-10	1.41E-09
5899	487082.51	3859567.92	1.89E-06	1.87E-06	1.81E-06	6.55E-10	1.98E-09	1.15E-09	1.13E-09	1.02E-09	4.68E-10	4.54E-10	2.19E-11	5.29E-10	1.17E-10	1.54E-10	2.44E-10	4.29E-11	2.38E-10	1.35E-09
5900	486988.09	3859567.14	1.80E-06	1.78E-06	1.72E-06	6.23E-10	1.88E-09	1.09E-09	1.07E-09	9.74E-10	4.44E-10	4.32E-10	2.08E-11	5.02E-10	1.11E-10	1.46E-10	2.31E-10	4.08E-11	2.27E-10	1.28E-09
5901	486893.67	3859566.36	1.71E-06	1.69E-06	1.64E-06	5.92E-10	1.79E-09	1.03E-09	1.02E-09	9.25E-10	4.22E-10	4.10E-10	1.98E-11	4.77E-10	1.05E-10	1.39E-10	2.20E-10	3.87E-11	2.15E-10	1.21E-09
5902	486799.25	3859565.58	1.62E-06	1.60E-06	1.56E-06	5.62E-10	1.70E-09	9.83E-10	9.70E-10	8.80E-10	4.01E-10	3.90E-10	1.88E-11	4.54E-10	1.00E-10	1.32E-10	2.09E-10	3.68E-11	2.05E-10	1.15E-09
5903	486704.83	3859564.79	1.55E-06	1.53E-06	1.49E-06	5.36E-10	1.62E-09	9.38E-10	9.25E-10	8.39E-10	3.83E-10	3.72E-10	1.79E-11	4.33E-10	9.55E-11	1.26E-10	1.99E-10	3.51E-11	1.95E-10	1.10E-09
5904	486610.41	3859564.01	1.48E-06	1.46E-06	1.42E-06	5.13E-10	1.55E-09	8.97E-10	8.85E-10	8.02E-10	3.66E-10	3.56E-10	1.71E-11	4.14E-10	9.13E-11	1.20E-10	1.91E-10	3.36E-11	1.87E-10	1.05E-09
5905	486515.99	3859563.23	1.42E-06	1.40E-06	1.36E-06	4.90E-10	1.48E-09	8.57E-10	8.45E-10	7.66E-10	3.50E-10	3.40E-10	1.64E-11	3.95E-10	8.72E-11	1.15E-10	1.82E-10	3.21E-11	1.78E-10	1.01E-09
5906	486421.57	3859562.45	1.36E-06	1.34E-06	1.30E-06	4.69E-10	1.42E-09	8.20E-10	8.09E-10	7.34E-10	3.35E-10	3.25E-10	1.57E-11	3.78E-10	8.35E-11	1.10E-10	1.74E-10	3.07E-11	1.71E-10	9.63E-10
5907	486327.14	3859561.67	1.30E-06	1.28E-06	1.25E-06	4.50E-10	1.36E-09	7.87E-10	7.77E-10	7.04E-10	3.21E-10	3.12E-10	1.50E-11	3.63E-10	8.01E-11	1.05E-10	1.67E-10	2.95E-11	1.64E-10	9.24E-10
5908	486232.72	3859560.89	1.24E-06	1.23E-06	1.19E-06	4.31E-10	1.30E-09	7.53E-10	7.43E-10	6.74E-10	3.07E-10	2.99E-10	1.44E-11	3.48E-10	7.67E-11	1.01E-10	1.60E-10	2.82E-11	1.57E-10	8.84E-10
5909	486138.3	3859560.1	1.19E-06	1.18E-06	1.14E-06	4.13E-10	1.25E-09	7.23E-10	7.13E-10	6.46E-10	2.95E-10	2.86E-10	1.38E-11	3.33E-10	7.36E-11	9.68E-11	1.54E-10	2.71E-11	1.50E-10	8.49E-10
5910	486043.88	3859559.32	1.15E-06	1.13E-06	1.10E-06	3.97E-10	1.20E-09	6.94E-10	6.85E-10	6.21E-10	2.83E-10	2.75E-10	1.33E-11	3.20E-10	7.07E-11	9.30E-11	1.48E-10	2.60E-11	1.44E-10	8.15E-10
5911	485949.35	3859463.54	1.12E-06	1.11E-06	1.07E-06	3.88E-10	1.17E-09	6.77E-10	6.69E-10	6.06E-10	2.77E-10	2.69E-10	1.29E-11	3.13E-10	6.90E-11	9.08E-11	1.44E-10	2.54E-11	1.41E-10	7.96E-10
5912	485949.24	3859368.55	1.14E-06	1.12E-06	1.09E-06	3.93E-10	1.19E-09	6.88E-10	6.79E-10	6.15E-10	2.81E-10	2.73E-10	1.31E-11	3.17E-10	7.00E-11	9.21E-11	1.46E-10	2.58E-11	1.43E-10	8.08E-10
5913	485949.12	3859273.55	1.15E-06	1.13E-06	1.10E-06	3.98E-10	1.20E-09	6.96E-10	6.87E-10	6.22E-10	2.84E-10	2.76E-10	1.33E-11	3.21E-10	7.08E-11	9.32E-11	1.48E-10	2.61E-11	1.45E-10	8.17E-10
5914	485949.01	3859178.56	1.16E-06	1.14E-06	1.11E-06	4.01E-10	1.21E-09	7.00E-10	6.91E-10	6.27E-10	2.86E-10	2.78E-10	1.34E-11	3.23E-10	7.13E-11	9.38E-11	1.49E-10	2.62E-11	1.46E-10	8.23E-10
5915	485948.9	3859083.56	1.17E-06	1.15E-06	1.12E-06	4.04E-10	1.22E-09	7.07E-10	6.98E-10	6.32E-10	2.89E-10	2.80E-10	1.35E-11	3.26E-10	7.20E-11	9.47E-11	1.50E-10	2.65E-11	1.47E-10	8.30E-10
5916	485948.79	3858988.56	1.18E-06	1.16E-06	1.13E-06	4.08E-10	1.23E-09	7.13E-10	7.04E-10	6.38E-10	2.91E-10	2.83E-10	1.36E-11	3.29E-10	7.26E-11	9.55E-11	1.52E-10	2.67E-11	1.48E-10	8.37E-10
5917	485948.67	3858893.57	1.18E-06	1.17E-06	1.13E-06	4.10E-10	1.24E-09	7.16E-10	7.07E-10	6.41E-10	2.92E-10	2.84E-10	1.37E-11	3.31E-10	7.29E-11	9.60E-11	1.52E-10	2.68E-11	1.49E-10	8.41E-10
5918	485948.56	3858798.57	1.19E-06	1.17E-06	1.14E-06	4.11E-10	1.24E-09	7.18E-10	7.09E-10	6.42E-10	2.93E-10	2.85E-10	1.37E-11	3.31E-10	7.31E-11	9.62E-11	1.53E-10	2.69E-11	1.49E-10	8.43E-10
5919	485948.45	3858703.58	1.18E-06	1.16E-06	1.13E-06	4.08E-10	1.23E-09	7.13E-10	7.03E-10	6.38E-10	2.91E-10	2.83E-10	1.36E-11	3.29E-10	7.26E-11	9.55E-11	1.52E-10	2.67E-11	1.48E-10	8.37E-10
5920	485948.34	3858608.58	1.18E-06	1.16E-06	1.13E-06	4.07E-10	1.23E-09	7.12E-10	7.02E-10	6.37E-10	2.91E-10	2.82E-10	1.36E-11	3.28E-10	7.25E-11	9.54E-11	1.51E-10	2.67E-11	1.48E-10	8.36E-10
5921	485948.22	3858513.59	1.18E-06	1.16E-06	1.13E-06	4.07E-10	1.23E-09	7.12E-10	7.03E-10	6.37E-10	2.91E-10	2.82E-10	1.36E-11	3.29E-10	7.25E-11	9.54E-11	1.51E-10	2.67E-11	1.48E-10	8.36E-10
5922	485948.11	3858418.59	1.18E-06	1.16E-06	1.13E-06	4.08E-10	1.23E-09	7.13E-10	7.03E-10	6.37E-10	2.91E-10	2.82E-10	1.36E-11	3.29E-10	7.26E-11	9.55E-11	1.51E-10	2.67E-11	1.48E-10	8.37E-10
5923	485948	3858323.59	1.18E-06	1.17E-06	1.13E-06	4.09E-10	1.24E-09	7.15E-10	7.06E-10	6.40E-10	2.92E-10	2.83E-10	1.37E-11	3.30E-10	7.28E-11	9.58E-11	1.52E-10	2.68E-11	1.49E-10	8.40E-10
5924	485947.89	3858228.6	1.18E-06	1.17E-06	1.13E-06	4.09E-10	1.23E-09	7.15E-10	7.05E-10	6.39E-10	2.92E-10	2.83E-10	1.37E-11	3.30E-10	7.28E-11	9.58E-11	1.52E-10	2.68E-11	1.49E-10	8.39E-10
5925	485947.77	3858133.6	1.18E-06	1.16E-06	1.13E-06	4.07E-10	1.23E-09	7.12E-10	7.03E-10	6.37E-10	2.91E-10	2.82E-10	1.36E-11	3.29E-10	7.25E-11	9.54E-11	1.51E-10	2.67E-11	1.48E-10	8.36E-10
5926	485947.66	3858038.61	1.17E-06	1.16E-06	1.13E-06	4.07E-10	1.23E-09	7.11E-10	7.01E-10	6.36E-10	2.90E-10	2.82E-10	1.36E-11	3.28E-10	7.24E-11	9.52E-11	1.51E-10	2.66E-11	1.48E-10	8.35E-10
5927	485854.54	3857943.35	1.11E-06	1.09E-06	1.06E-06	3.84E-10	1.16E-09	6.71E-10	6.62E-10	6.00E-10	2.74E-10	2.66E-10	1.28E-11	3.10E-10	6.83E-11	8.99E-11	1.43E-10	2.51E-11	1.40E-10	7.88E-10
5928	485761.52	3857943.09	1.06E-06	1.05E-06	1.02E-06	3.69E-10	1.11E-09	6.44E-10	6.36E-10	5.76E-10	2.63E-10	2.55E-10	1.23E-11	2.97E-10	6.56E-11	8.63E-11	1.37E-10	2.41E-11	1.34E-10	7.57E-10
5929	485668.51	3857942.83	1.03E-06	1.01E-06	9.83E-07	3.55E-10	1.07E-09	6.20E-10	6.12E-10	5.55E-10	2.53E-10	2.46E-10	1.19E-11	2.86E-10	6.32E-11	8.31E-11	1.32E-10	2.32E-11	1.29E-10	7.29E-10

5930	485575.5	3857942.56	9.86E-07	9.73E-07	9.45E-07	3.41E-10	1.03E-09	5.97E-10	5.89E-10	5.34E-10	2.44E-10	2.37E-10	1.14E-11	2.75E-10	6.08E-11	7.99E-11	1.27E-10	2.24E-11	1.24E-10	7.01E-10
5931	485482.48	3857942.3	9.51E-07	9.39E-07	9.12E-07	3.29E-10	9.94E-10	5.76E-10	5.68E-10	5.15E-10	2.35E-10	2.28E-10	1.10E-11	2.66E-10	5.86E-11	7.71E-11	1.22E-10	2.16E-11	1.20E-10	6.76E-10
5932	485389.47	3857942.04	9.18E-07	9.07E-07	8.80E-07	3.18E-10	9.60E-10	5.56E-10	5.48E-10	4.97E-10	2.27E-10	2.20E-10	1.06E-11	2.56E-10	5.66E-11	7.45E-11	1.18E-10	2.08E-11	1.16E-10	6.53E-10
5933	485296.46	3857941.78	8.87E-07	8.76E-07	8.50E-07	3.07E-10	9.28E-10	5.37E-10	5.30E-10	4.80E-10	2.19E-10	2.13E-10	1.03E-11	2.48E-10	5.47E-11	7.19E-11	1.14E-10	2.01E-11	1.12E-10	6.31E-10
5934	485203.45	3857941.52	8.60E-07	8.48E-07	8.24E-07	2.98E-10	8.98E-10	5.20E-10	5.13E-10	4.65E-10	2.12E-10	2.06E-10	9.94E-12	2.40E-10	5.30E-11	6.97E-11	1.11E-10	1.95E-11	1.08E-10	6.11E-10
5935	485110.43	3857941.26	8.31E-07	8.20E-07	7.97E-07	2.88E-10	8.69E-10	5.03E-10	4.96E-10	4.50E-10	2.05E-10	1.99E-10	9.61E-12	2.32E-10	5.12E-11	6.74E-11	1.07E-10	1.88E-11	1.05E-10	5.91E-10
5936	485017.42	3857940.99	8.04E-07	7.93E-07	7.70E-07	2.78E-10	8.40E-10	4.86E-10	4.80E-10	4.35E-10	1.99E-10	1.93E-10	9.29E-12	2.24E-10	4.95E-11	6.52E-11	1.03E-10	1.82E-11	1.01E-10	5.71E-10
5937	484924.41	3857940.73	7.78E-07	7.68E-07	7.45E-07	2.69E-10	8.13E-10	4.71E-10	4.64E-10	4.21E-10	1.92E-10	1.87E-10	8.99E-12	2.17E-10	4.79E-11	6.31E-11	1.00E-10	1.76E-11	9.79E-11	5.53E-10
5938	484831.39	3857940.47	7.54E-07	7.44E-07	7.23E-07	2.61E-10	7.88E-10	4.56E-10	4.50E-10	4.08E-10	1.86E-10	1.81E-10	8.72E-12	2.11E-10	4.65E-11	6.11E-11	9.70E-11	1.71E-11	9.49E-11	5.36E-10
5939	484738.12	3857859.3	7.27E-07	7.17E-07	6.96E-07	2.52E-10	7.59E-10	4.40E-10	4.34E-10	3.93E-10	1.79E-10	1.74E-10	8.40E-12	2.03E-10	4.48E-11	5.89E-11	9.34E-11	1.65E-11	9.15E-11	5.16E-10
5940	484737.85	3857778.4	7.23E-07	7.14E-07	6.93E-07	2.50E-10	7.56E-10	4.38E-10	4.32E-10	3.91E-10	1.79E-10	1.73E-10	8.36E-12	2.02E-10	4.46E-11	5.86E-11	9.30E-11	1.64E-11	9.10E-11	5.14E-10
5941	484737.59	3857697.49	7.20E-07	7.10E-07	6.90E-07	2.49E-10	7.52E-10	4.35E-10	4.30E-10	3.90E-10	1.78E-10	1.73E-10	8.32E-12	2.01E-10	4.43E-11	5.83E-11	9.26E-11	1.63E-11	9.06E-11	5.11E-10
5942	484737.32	3857616.59	7.15E-07	7.06E-07	6.85E-07	2.48E-10	7.48E-10	4.33E-10	4.27E-10	3.87E-10	1.77E-10	1.72E-10	8.27E-12	2.00E-10	4.41E-11	5.80E-11	9.20E-11	1.62E-11	9.00E-11	5.08E-10
5943	484645.53	3857535.18	6.91E-07	6.82E-07	6.62E-07	2.39E-10	7.22E-10	4.18E-10	4.13E-10	3.74E-10	1.71E-10	1.66E-10	7.99E-12	1.93E-10	4.26E-11	5.60E-11	8.89E-11	1.57E-11	8.70E-11	4.91E-10
5944	484553.99	3857534.67	6.72E-07	6.63E-07	6.44E-07	2.33E-10	7.03E-10	4.07E-10	4.01E-10	3.64E-10	1.66E-10	1.61E-10	7.77E-12	1.88E-10	4.14E-11	5.45E-11	8.65E-11	1.52E-11	8.46E-11	4.78E-10
5945	484462.46	3857534.17	6.55E-07	6.46E-07	6.27E-07	2.27E-10	6.84E-10	3.96E-10	3.91E-10	3.54E-10	1.62E-10	1.57E-10	7.57E-12	1.83E-10	4.03E-11	5.31E-11	8.42E-11	1.48E-11	8.24E-11	4.65E-10
5946	484370.93	3857533.66	6.38E-07	6.29E-07	6.11E-07	2.21E-10	6.67E-10	3.86E-10	3.81E-10	3.45E-10	1.58E-10	1.53E-10	7.37E-12	1.78E-10	3.93E-11	5.17E-11	8.20E-11	1.45E-11	8.03E-11	4.53E-10
5947	484279.4	3857533.16	6.22E-07	6.14E-07	5.96E-07	2.15E-10	6.50E-10	3.76E-10	3.71E-10	3.37E-10	1.54E-10	1.49E-10	7.19E-12	1.74E-10	3.83E-11	5.04E-11	8.00E-11	1.41E-11	7.83E-11	4.42E-10
5948	484187.86	3857532.65	6.06E-07	5.98E-07	5.81E-07	2.10E-10	6.33E-10	3.67E-10	3.62E-10	3.28E-10	1.50E-10	1.45E-10	7.00E-12	1.69E-10	3.73E-11	4.91E-11	7.79E-11	1.37E-11	7.63E-11	4.30E-10
5949	484096.33	3857532.15	5.91E-07	5.83E-07	5.66E-07	2.05E-10	6.18E-10	3.58E-10	3.53E-10	3.20E-10	1.46E-10	1.42E-10	6.83E-12	1.65E-10	3.64E-11	4.79E-11	7.60E-11	1.34E-11	7.44E-11	4.20E-10
5950	484004.8	3857531.64	5.76E-07	5.69E-07	5.52E-07	1.99E-10	6.02E-10	3.49E-10	3.44E-10	3.12E-10	1.42E-10	1.38E-10	6.66E-12	1.61E-10	3.55E-11	4.67E-11	7.41E-11	1.31E-11	7.25E-11	4.09E-10
5951	483913.27	3857531.14	5.61E-07	5.54E-07	5.38E-07	1.94E-10	5.87E-10	3.40E-10	3.35E-10	3.04E-10	1.39E-10	1.35E-10	6.49E-12	1.57E-10	3.46E-11	4.55E-11	7.22E-11	1.27E-11	7.07E-11	3.99E-10
5952	483821.73	3857530.63	5.48E-07	5.40E-07	5.25E-07	1.90E-10	5.72E-10	3.31E-10	3.27E-10	2.96E-10	1.35E-10	1.31E-10	6.33E-12	1.53E-10	3.37E-11	4.44E-11	7.04E-11	1.24E-11	6.89E-11	3.89E-10
5953	483729.61	3857450.11	5.33E-07	5.26E-07	5.11E-07	1.85E-10	5.57E-10	3.23E-10	3.18E-10	2.89E-10	1.32E-10	1.28E-10	6.16E-12	1.49E-10	3.28E-11	4.32E-11	6.86E-11	1.21E-11	6.71E-11	3.79E-10
5954	483729.03	3857370.08	5.32E-07	5.25E-07	5.10E-07	1.84E-10	5.56E-10	3.22E-10	3.18E-10	2.88E-10	1.31E-10	1.28E-10	6.15E-12	1.48E-10	3.28E-11	4.31E-11	6.84E-11	1.21E-11	6.69E-11	3.78E-10
5955	483728.44	3857290.06	5.29E-07	5.22E-07	5.07E-07	1.83E-10	5.53E-10	3.20E-10	3.16E-10	2.86E-10	1.31E-10	1.27E-10	6.11E-12	1.48E-10	3.26E-11	4.29E-11	6.80E-11	1.20E-11	6.66E-11	3.76E-10
5956	483727.86	3857210.03	5.24E-07	5.17E-07	5.03E-07	1.81E-10	5.48E-10	3.17E-10	3.13E-10	2.84E-10	1.30E-10	1.26E-10	6.06E-12	1.46E-10	3.23E-11	4.25E-11	6.74E-11	1.19E-11	6.60E-11	3.73E-10
5957	483641.15	3857129.07	5.09E-07	5.02E-07	4.88E-07	1.76E-10	5.32E-10	3.08E-10	3.04E-10	2.76E-10	1.26E-10	1.22E-10	5.88E-12	1.42E-10	3.14E-11	4.13E-11	6.55E-11	1.15E-11	6.41E-11	3.62E-10
5958	483555.03	3857128.14	4.99E-07	4.93E-07	4.79E-07	1.73E-10	5.22E-10	3.02E-10	2.98E-10	2.70E-10	1.23E-10	1.20E-10	5.77E-12	1.39E-10	3.08E-11	4.05E-11	6.42E-11	1.13E-11	6.29E-11	3.55E-10
5959	483468.91	3857127.2	4.89E-07	4.83E-07	4.69E-07	1.69E-10	5.11E-10	2.96E-10	2.92E-10	2.65E-10	1.21E-10	1.17E-10	5.65E-12	1.37E-10	3.01E-11	3.97E-11	6.29E-11	1.11E-11	6.16E-11	3.48E-10
5960	483382.78	3857126.26	4.80E-07	4.74E-07	4.60E-07	1.66E-10	5.02E-10	2.91E-10	2.87E-10	2.60E-10	1.19E-10	1.15E-10	5.55E-12	1.34E-10	2.96E-11	3.89E-11	6.18E-11	1.09E-11	6.05E-11	3.41E-10
5961	483296.66	3857125.32	4.71E-07	4.65E-07	4.52E-07	1.63E-10	4.93E-10	2.85E-10	2.81E-10	2.55E-10	1.16E-10	1.13E-10	5.45E-12	1.32E-10	2.90E-11	3.82E-11	6.06E-11	1.07E-11	5.93E-11	3.35E-10
5962	483210.54	3857124.39	4.62E-07	4.56E-07	4.43E-07	1.60E-10	4.83E-10	2.80E-10	2.76E-10	2.50E-10	1.14E-10	1.11E-10	5.34E-12	1.29E-10	2.85E-11	3.75E-11	5.95E-11	1.05E-11	5.82E-11	3.28E-10
5963	483123.4	3857030.96	4.49E-07	4.44E-07	4.31E-07	1.56E-10	4.70E-10	2.72E-10	2.68E-10	2.43E-10	1.11E-10	1.08E-10	5.20E-12	1.26E-10	2.77E-11	3.64E-11	5.78E-11	1.02E-11	5.66E-11	3.19E-10
5964	483122.38	3856938.46	4.44E-07	4.38E-07	4.26E-07	1.54E-10	4.64E-10	2.69E-10	2.65E-10	2.41E-10	1.10E-10	1.07E-10	5.14E-12	1.24E-10	2.74E-11	3.60E-11	5.71E-11	1.01E-11	5.59E-11	3.16E-10
5965	483121.35	3856845.97	4.38E-07	4.32E-07	4.20E-07	1.52E-10	4.58E-10	2.65E-10	2.62E-10	2.37E-10	1.08E-10	1.05E-10	5.06E-12	1.22E-10	2.70E-11	3.55E-11	5.63E-11	9.93E-12	5.51E-11	3.11E-10
5966	483120.33	3856753.47	4.30E-07	4.24E-07	4.12E-07	1.49E-10	4.49E-10	2.60E-10	2.57E-10	2.33E-10	1.06E-10	1.03E-10	4.97E-12	1.20E-10	2.65E-11	3.49E-11	5.53E-11	9.75E-12	5.41E-11	3.06E-10
5967	483119.31	3856660.98	4.22E-07	4.16E-07	4.04E-07	1.46E-10	4.41E-10	2.55E-10	2.52E-10	2.28E-10	1.04E-10	1.01E-10	4.87E-12	1.18E-10	2.60E-11	3.42E-11	5.42E-11	9.55E-12	5.31E-11	3.00E-10
5968	483118.29	3856568.49	4.13E-07	4.07E-07	3.95E-07	1.43E-10	4.31E-10	2.50E-10	2.46E-10	2.23E-10	1.02E-10	9.90E-11	4.77E-12	1.15E-10	2.54E-11	3.35E-11	5.31E-11	9.35E-12	5.19E-11	2.93E-10
5969	483117.26	3856475.99	4.03E-07	3.98E-07	3.87E-07	1.40E-10	4.22E-10	2.44E-10	2.41E-10	2.18E-10	9.96E-11	9.68E-11	4.66E-12	1.13E-10	2.49E-11	3.27E-11	5.19E-11	9.14E-12	5.08E-11	2.87E-10
5970	483116.24	3856383.5	3.94E-07	3.89E-07	3.77E-07	1.36E-10	4.11E-10	2.38E-10	2.35E-10	2.13E-10	9.72E-11	9.44E-11	4.55E-12	1.10E-10	2.43E-11	3.19E-11	5.06E-11	8.92E-12	4.96E-11	2.80E-10
5971	483115.22	3856291.01	3.84E-07	3.79E-07	3.68E-07	1.33E-10	4.01E-10	2.32E-10	2.29E-10	2.08E-10	9.49E-11	9.21E-11	4.44E-12	1.07E-10	2.37E-11	3.11E-11	4.94E-11	8.71E-12	4.83E-11	2.73E-10
5972	483114.2	3856198.51	3.75E-07	3.70E-07	3.59E-07	1.30E-10	3.92E-10	2.27E-10	2.24E-10	2.03E-10	9.26E-11	8.99E-11	4.33E-12	1.05E-10	2.31E-11	3.04E-11	4.82E-11	8.50E-12	4.72E-11	2.66E-10
5973	483113.17	3856106.02	3.67E-07	3.62E-07	3.52E-07	1.27E-10	3.84E-10	2.22E-10	2.19E-10	1.99E-10	9.07E-11	8.81E-11	4.24E-12	1.03E-10	2.26E-11	2.98E-11	4.72E-11	8.32E-12	4.62E-11	2.61E-10
5974	483112.15	3856013.52	3.60E-07	3.55E-07	3.45E-07	1.25E-10	3.76E-10	2.18E-10	2.15E-10	1.95E-10	8.89E-11	8.64E-11	4.16E-12	1.01E-10	2.22E-11	2.92E-11	4.63E-11	8.16E-12	4.53E-11	2.56E-10
5975	483029.25	3855920.47	3.50E-07	3.45E-07	3.35E-07	1.21E-10	3.65E-10	2.11E-10	2.09E-10	1.89E-10	8.63E-11	8.38E-11	4.04E-12	9.76E-11	2.15E-11	2.83E-11	4.50E-11	7.92E-12	4.40E-11	2.48E-10
5976	482947.37	3855919.91	3.45E-07	3.40E-07	3.31E-07	1.19E-10	3.60E-10	2.09E-10	2.06E-10	1.87E-10	8.52E-11	8.27E-11	3.99E-12	9.63E-11	2.12E-11	2.80E-11	4.44E-11	7.82E-12	4.34E-11	2.45E-10
5977	482865.49	3855919.36	3.40E-07	3.36E-07	3.26E-07	1.18E-10	3.56E-10	2.06E-10	2.03E-10	1.84E-10	8.41E-11	8.16E-11	3.93E-12	9.50E-11	2.10E-11	2.76E-11	4.38E-11	7.71E-12	4.28E-11	2.42E-10
5978	482783.61	3855918.8	3.36E-07	3.32E-07	3.22E-07	1.16E-10	3.51E-10	2.03E-10	2.01E-10	1.82E-10	8.30E-11	8.06E-11	3.89E-12	9.39E-11	2.07E-11	2.73E-11	4.32E-11	7.62E-12	4.23E-11	2.39E-10
5979	482700.33	3855818.39	3.26E-07	3.22E-07	3.12E-07	1.13E-10	3.41E-10	1.97E-10	1.95E-10	1.76E-10	8.05E-11	7.82E-11	3.77E-12	9.10E-11	2.01E-11	2.64E-11	4.19E-11	7.39E-12	4.10E-11	2.32E-10
5980	482698.92	3855718.54	3.21E-07	3.16E-07	3.07E-07	1.11E-10	3.35E-10	1.94E-10	1.91E-10	1.74E-10	7.92E-11	7.69E-11	3.71E-12	8.95E-11	1.98E-11	2.60E-11	4.12E-11	7.27E-12	4.04E-11	2.28E-10
5981	482697.52	3855618.68	3.16E-07	3.12E-07	3.03E-07	1.09E-10	3.30E-10	1.91E-10	1.89E-10	1.71E-10	7.80E-11	7.58E-11	3.65E-12	8.82E-11	1.95E-11	2.56E-11	4.06E-11	7.16E-12	3.98E-11	2.24E-10
5982	482696.11	3855518.83	3.12E-07	3.07E-07	2.99E-07	1.08E-10	3.26E-10	1.89E-10	1.86E-10	1.69E-10	7.70E-11	7.47E-11	3.60E-12	8.70E-11	1.92E-11	2.53E-11	4.01E-11	7.06E-12	3.92E-11	2.21E-10

5983	482694.71	3855418.98	3.08E-07	3.04E-07	2.95E-07	1.06E-10	3.22E-10	1.86E-10	1.84E-10	1.67E-10	7.60E-11	7.38E-11	3.56E-12	8.59E-11	1.90E-11	2.49E-11	3.96E-11	6.97E-12	3.87E-11	2.19E-10
5984	482693.3	3855319.13	3.04E-07	3.00E-07	2.91E-07	1.05E-10	3.17E-10	1.84E-10	1.81E-10	1.64E-10	7.50E-11	7.29E-11	3.51E-12	8.48E-11	1.87E-11	2.46E-11	3.91E-11	6.89E-12	3.82E-11	2.16E-10
5985	482691.9	3855219.27	3.00E-07	2.96E-07	2.87E-07	1.04E-10	3.13E-10	1.81E-10	1.79E-10	1.62E-10	7.40E-11	7.19E-11	3.46E-12	8.36E-11	1.85E-11	2.43E-11	3.85E-11	6.79E-12	3.77E-11	2.13E-10
5986	482690.49	3855119.42	2.95E-07	2.91E-07	2.83E-07	1.02E-10	3.08E-10	1.79E-10	1.76E-10	1.60E-10	7.29E-11	7.08E-11	3.41E-12	8.24E-11	1.82E-11	2.39E-11	3.80E-11	6.69E-12	3.72E-11	2.10E-10
5987	482689.09	3855019.57	2.89E-07	2.86E-07	2.77E-07	1.00E-10	3.02E-10	1.75E-10	1.73E-10	1.57E-10	7.15E-11	6.94E-11	3.34E-12	8.08E-11	1.78E-11	2.35E-11	3.72E-11	6.56E-12	3.64E-11	2.06E-10
5988	482687.68	3854919.72	2.83E-07	2.80E-07	2.72E-07	9.81E-11	2.96E-10	1.71E-10	1.69E-10	1.53E-10	7.00E-11	6.80E-11	3.28E-12	7.91E-11	1.75E-11	2.30E-11	3.65E-11	6.42E-12	3.57E-11	2.01E-10
5989	482686.28	3854819.86	2.77E-07	2.73E-07	2.65E-07	9.59E-11	2.89E-10	1.68E-10	1.65E-10	1.50E-10	6.84E-11	6.64E-11	3.20E-12	7.73E-11	1.71E-11	2.25E-11	3.56E-11	6.28E-12	3.49E-11	1.97E-10
5990	482684.88	3854720.01	2.71E-07	2.68E-07	2.60E-07	9.39E-11	2.83E-10	1.64E-10	1.62E-10	1.47E-10	6.70E-11	6.51E-11	3.13E-12	7.57E-11	1.67E-11	2.20E-11	3.49E-11	6.15E-12	3.41E-11	1.93E-10
5991	482683.47	3854620.16	2.65E-07	2.61E-07	2.54E-07	9.16E-11	2.77E-10	1.60E-10	1.58E-10	1.43E-10	6.54E-11	6.35E-11	3.06E-12	7.39E-11	1.63E-11	2.15E-11	3.40E-11	6.00E-12	3.33E-11	1.88E-10
5992	482682.07	3854520.31	2.59E-07	2.55E-07	2.48E-07	8.96E-11	2.71E-10	1.57E-10	1.55E-10	1.40E-10	6.39E-11	6.21E-11	2.99E-12	7.23E-11	1.59E-11	2.10E-11	3.33E-11	5.87E-12	3.26E-11	1.84E-10
5993	482680.66	3854420.45	2.53E-07	2.50E-07	2.43E-07	8.77E-11	2.65E-10	1.53E-10	1.51E-10	1.37E-10	6.26E-11	6.07E-11	2.93E-12	7.07E-11	1.56E-11	2.05E-11	3.26E-11	5.74E-12	3.19E-11	1.80E-10
5994	482679.26	3854320.6	2.48E-07	2.45E-07	2.37E-07	8.58E-11	2.59E-10	1.50E-10	1.48E-10	1.34E-10	6.12E-11	5.94E-11	2.86E-12	6.92E-11	1.53E-11	2.01E-11	3.19E-11	5.62E-12	3.12E-11	1.76E-10
5995	482677.85	3854220.75	2.41E-07	2.38E-07	2.31E-07	8.34E-11	2.52E-10	1.46E-10	1.44E-10	1.30E-10	5.95E-11	5.78E-11	2.79E-12	6.73E-11	1.48E-11	1.95E-11	3.10E-11	5.46E-12	3.03E-11	1.71E-10
5996	482676.45	3854120.9	2.37E-07	2.34E-07	2.27E-07	8.21E-11	2.48E-10	1.43E-10	1.42E-10	1.28E-10	5.86E-11	5.69E-11	2.74E-12	6.62E-11	1.46E-11	1.92E-11	3.05E-11	5.37E-12	2.98E-11	1.68E-10
5997	482675.04	3854021.04	2.32E-07	2.29E-07	2.23E-07	8.04E-11	2.43E-10	1.41E-10	1.39E-10	1.26E-10	5.74E-11	5.57E-11	2.69E-12	6.49E-11	1.43E-11	1.88E-11	2.99E-11	5.27E-12	2.92E-11	1.65E-10
5998	482673.64	3853921.19	2.28E-07	2.25E-07	2.18E-07	7.88E-11	2.38E-10	1.38E-10	1.36E-10	1.23E-10	5.62E-11	5.46E-11	2.63E-12	6.36E-11	1.40E-11	1.85E-11	2.93E-11	5.16E-12	2.87E-11	1.62E-10
5999	482672.23	3853821.34	2.22E-07	2.19E-07	2.13E-07	7.68E-11	2.32E-10	1.34E-10	1.33E-10	1.20E-10	5.48E-11	5.32E-11	2.56E-12	6.20E-11	1.37E-11	1.80E-11	2.85E-11	5.03E-12	2.79E-11	1.58E-10
6000	482670.83	3853721.49	2.16E-07	2.13E-07	2.07E-07	7.48E-11	2.26E-10	1.31E-10	1.29E-10	1.17E-10	5.34E-11	5.18E-11	2.50E-12	6.04E-11	1.33E-11	1.75E-11	2.78E-11	4.90E-12	2.72E-11	1.54E-10
6001	482669.42	3853621.63	2.11E-07	2.08E-07	2.02E-07	7.30E-11	2.20E-10	1.28E-10	1.26E-10	1.14E-10	5.21E-11	5.06E-11	2.44E-12	5.89E-11	1.30E-11	1.71E-11	2.71E-11	4.78E-12	2.66E-11	1.50E-10
6002	482645.99	3853446.13	2.03E-07	2.00E-07	1.94E-07	7.02E-11	2.12E-10	1.23E-10	1.21E-10	1.10E-10	5.01E-11	4.86E-11	2.34E-12	5.66E-11	1.25E-11	1.64E-11	2.61E-11	4.60E-12	2.55E-11	1.44E-10
6003	482623.97	3853370.49	2.00E-07	1.97E-07	1.91E-07	6.91E-11	2.09E-10	1.21E-10	1.19E-10	1.08E-10	4.93E-11	4.79E-11	2.31E-12	5.57E-11	1.23E-11	1.62E-11	2.57E-11	4.53E-12	2.51E-11	1.42E-10
6004	482601.94	3853294.84	1.97E-07	1.94E-07	1.88E-07	6.81E-11	2.06E-10	1.19E-10	1.17E-10	1.06E-10	4.86E-11	4.72E-11	2.27E-12	5.49E-11	1.21E-11	1.59E-11	2.53E-11	4.46E-12	2.48E-11	1.40E-10
6005	482531.29	3853133.44	1.90E-07	1.88E-07	1.82E-07	6.59E-11	1.99E-10	1.15E-10	1.14E-10	1.03E-10	4.70E-11	4.57E-11	2.20E-12	5.32E-11	1.17E-11	1.54E-11	2.45E-11	4.32E-12	2.40E-11	1.35E-10
6006	482482.68	3853047.69	1.87E-07	1.84E-07	1.79E-07	6.46E-11	1.95E-10	1.13E-10	1.12E-10	1.01E-10	4.61E-11	4.48E-11	2.16E-12	5.21E-11	1.15E-11	1.51E-11	2.40E-11	4.23E-12	2.35E-11	1.33E-10
6007	482383.09	3852897.4	1.82E-07	1.80E-07	1.74E-07	6.30E-11	1.90E-10	1.10E-10	1.09E-10	9.86E-11	4.50E-11	4.37E-11	2.10E-12	5.08E-11	1.12E-11	1.48E-11	2.34E-11	4.13E-12	2.29E-11	1.29E-10
6008	482265.64	3852765.26	1.77E-07	1.75E-07	1.70E-07	6.13E-11	1.85E-10	1.07E-10	1.06E-10	9.58E-11	4.37E-11	4.25E-11	2.05E-12	4.94E-11	1.09E-11	1.43E-11	2.28E-11	4.01E-12	2.23E-11	1.26E-10
6009	482199.16	3852697.66	1.74E-07	1.72E-07	1.67E-07	6.03E-11	1.82E-10	1.05E-10	1.04E-10	9.43E-11	4.30E-11	4.18E-11	2.01E-12	4.86E-11	1.07E-11	1.41E-11	2.24E-11	3.95E-12	2.19E-11	1.24E-10
6010	482132.69	3852630.07	1.71E-07	1.69E-07	1.64E-07	5.92E-11	1.79E-10	1.04E-10	1.02E-10	9.26E-11	4.23E-11	4.10E-11	1.98E-12	4.78E-11	1.05E-11	1.39E-11	2.20E-11	3.88E-12	2.15E-11	1.22E-10
6011	482066.21	3852562.48	1.68E-07	1.66E-07	1.61E-07	5.83E-11	1.76E-10	1.02E-10	1.01E-10	9.12E-11	4.16E-11	4.04E-11	1.95E-12	4.70E-11	1.04E-11	1.37E-11	2.17E-11	3.82E-12	2.12E-11	1.20E-10
6012	481999.74	3852494.89	1.66E-07	1.64E-07	1.59E-07	5.74E-11	1.73E-10	1.00E-10	9.91E-11	8.98E-11	4.10E-11	3.98E-11	1.92E-12	4.63E-11	1.02E-11	1.35E-11	2.13E-11	3.76E-12	2.09E-11	1.18E-10
6013	481933.26	3852427.29	1.63E-07	1.61E-07	1.57E-07	5.66E-11	1.71E-10	9.89E-11	9.76E-11	8.85E-11	4.04E-11	3.92E-11	1.89E-12	4.56E-11	1.01E-11	1.33E-11	2.10E-11	3.71E-12	2.06E-11	1.16E-10
6014	481866.79	3852359.7	1.61E-07	1.59E-07	1.54E-07	5.57E-11	1.68E-10	9.73E-11	9.61E-11	8.71E-11	3.97E-11	3.86E-11	1.86E-12	4.49E-11	9.91E-12	1.30E-11	2.07E-11	3.65E-12	2.02E-11	1.14E-10
6015	481800.31	3852292.11	1.58E-07	1.56E-07	1.52E-07	5.47E-11	1.65E-10	9.57E-11	9.44E-11	8.56E-11	3.91E-11	3.79E-11	1.83E-12	4.41E-11	9.74E-12	1.28E-11	2.03E-11	3.58E-12	1.99E-11	1.12E-10
6016	481733.84	3852224.52	1.56E-07	1.53E-07	1.49E-07	5.38E-11	1.63E-10	9.41E-11	9.29E-11	8.42E-11	3.84E-11	3.73E-11	1.80E-12	4.34E-11	9.58E-12	1.26E-11	2.00E-11	3.53E-12	1.96E-11	1.11E-10
6017	481667.36	3852156.92	1.53E-07	1.51E-07	1.46E-07	5.29E-11	1.60E-10	9.24E-11	9.12E-11	8.27E-11	3.77E-11	3.66E-11	1.77E-12	4.27E-11	9.41E-12	1.24E-11	1.97E-11	3.46E-12	1.92E-11	1.09E-10
6018	481600.89	3852089.33	1.51E-07	1.49E-07	1.45E-07	5.22E-11	1.58E-10	9.13E-11	9.01E-11	8.16E-11	3.73E-11	3.62E-11	1.74E-12	4.21E-11	9.29E-12	1.22E-11	1.94E-11	3.42E-12	1.90E-11	1.07E-10
6019	481534.41	3852021.74	1.49E-07	1.47E-07	1.43E-07	5.16E-11	1.56E-10	9.02E-11	8.91E-11	8.07E-11	3.68E-11	3.58E-11	1.72E-12	4.16E-11	9.19E-12	1.21E-11	1.92E-11	3.38E-12	1.88E-11	1.06E-10
6020	481467.94	3851954.15	1.47E-07	1.45E-07	1.41E-07	5.10E-11	1.54E-10	8.91E-11	8.80E-11	7.97E-11	3.64E-11	3.53E-11	1.70E-12	4.11E-11	9.08E-12	1.19E-11	1.89E-11	3.34E-12	1.85E-11	1.05E-10
6021	481401.46	3851886.55	1.45E-07	1.43E-07	1.39E-07	5.02E-11	1.52E-10	8.78E-11	8.66E-11	7.85E-11	3.58E-11	3.48E-11	1.68E-12	4.05E-11	8.94E-12	1.18E-11	1.87E-11	3.29E-12	1.83E-11	1.03E-10
6022	481265.87	3851761.43	1.41E-07	1.40E-07	1.36E-07	4.90E-11	1.48E-10	8.56E-11	8.45E-11	7.66E-11	3.49E-11	3.39E-11	1.64E-12	3.95E-11	8.72E-12	1.15E-11	1.82E-11	3.21E-12	1.78E-11	1.01E-10
6023	481196.74	3851703.89	1.39E-07	1.37E-07	1.33E-07	4.82E-11	1.46E-10	8.43E-11	8.32E-11	7.54E-11	3.44E-11	3.34E-11	1.61E-12	3.89E-11	8.58E-12	1.13E-11	1.79E-11	3.16E-12	1.75E-11	9.90E-11
6024	481076.33	3851619.05	1.36E-07	1.34E-07	1.30E-07	4.71E-11	1.42E-10	8.23E-11	8.12E-11	7.36E-11	3.36E-11	3.26E-11	1.57E-12	3.80E-11	8.38E-12	1.10E-11	1.75E-11	3.08E-12	1.71E-11	9.66E-11
6025	480939.8	3851549.07	1.32E-07	1.30E-07	1.27E-07	4.57E-11	1.38E-10	7.99E-11	7.89E-11	7.15E-11	3.26E-11	3.17E-11	1.53E-12	3.69E-11	8.14E-12	1.07E-11	1.70E-11	2.99E-12	1.66E-11	9.39E-11
6026	480854.56	3851506.41	1.30E-07	1.28E-07	1.24E-07	4.49E-11	1.36E-10	7.85E-11	7.75E-11	7.02E-11	3.20E-11	3.11E-11	1.50E-12	3.62E-11	7.99E-12	1.05E-11	1.67E-11	2.94E-12	1.63E-11	9.22E-11
6027	480769.32	3851463.75	1.28E-07	1.26E-07	1.22E-07	4.41E-11	1.33E-10	7.72E-11	7.62E-11	6.90E-11	3.15E-11	3.06E-11	1.47E-12	3.56E-11	7.86E-12	1.03E-11	1.64E-11	2.89E-12	1.61E-11	9.06E-11
6028	480684.08	3851421.08	1.25E-07	1.24E-07	1.20E-07	4.34E-11	1.31E-10	7.59E-11	7.49E-11	6.79E-11	3.10E-11	3.01E-11	1.45E-12	3.50E-11	7.73E-12	1.02E-11	1.61E-11	2.84E-12	1.58E-11	8.92E-11
6029	480598.84	3851378.42	1.24E-07	1.22E-07	1.19E-07	4.28E-11	1.29E-10	7.49E-11	7.39E-11	6.70E-11	3.06E-11	2.97E-11	1.43E-12	3.46E-11	7.63E-12	1.00E-11	1.59E-11	2.81E-12	1.56E-11	8.79E-11
6030	480435.71	3851275.01	1.20E-07	1.19E-07	1.15E-07	4.16E-11	1.26E-10	7.27E-11	7.17E-11	6.50E-11	2.97E-11	2.88E-11	1.39E-12	3.35E-11	7.40E-12	9.74E-12	1.54E-11	2.72E-12	1.51E-11	8.54E-11
6031	480347.85	3851232.36	1.18E-07	1.17E-07	1.13E-07	4.09E-11	1.24E-10	7.16E-11	7.06E-11	6.40E-11	2.92E-11	2.84E-11	1.37E-12	3.30E-11	7.29E-12	9.59E-12	1.52E-11	2.68E-12	1.49E-11	8.41E-11
6032	480260	3851189.72	1.17E-07	1.15E-07	1.12E-07	4.04E-11	1.22E-10	7.06E-11	6.96E-11	6.31E-11	2.88E-11	2.80E-11	1.35E-12	3.26E-11	7.18E-12	9.45E-12	1.50E-11	2.64E-12	1.47E-11	8.29E-11
6033	480172.15	3851147.07	1.15E-07	1.13E-07	1.10E-07	3.98E-11	1.20E-10	6.95E-11	6.86E-11	6.22E-11	2.84E-11	2.76E-11	1.33E-12	3.21E-11	7.08E-12	9.32E-12	1.48E-11	2.60E-12	1.45E-11	8.17E-11
6034	480084.29	3851104.42	1.13E-07	1.12E-07	1.09E-07	3.92E-11	1.18E-10	6.85E-11	6.76E-11	6.13E-11	2.80E-11	2.72E-11	1.31E-12	3.16E-11	6.98E-12	9.18E-12	1.46E-11	2.57E-12	1.43E-11	8.05E-11
6035	479996.44	3851061.77	1.12E-07	1.10E-07	1.07E-07	3.86E-11	1.17E-10	6.75E-11	6.66E-11	6.04E-11	2.75E-11	2.68E-11	1.29E-12	3.11E-11	6.87E-12	9.04E-12	1.43E-11	2.53E-12	1.40E-11	7.93E-11

6036	479908.58	3851019.13	1.09E-07	1.08E-07	1.05E-07	3.78E-11	1.14E-10	6.61E-11	6.52E-11	5.91E-11	2.70E-11	2.62E-11	1.26E-12	3.05E-11	6.73E-12	8.85E-12	1.40E-11	2.47E-12	1.37E-11	7.76E-11
6037	479820.73	3850976.48	1.08E-07	1.06E-07	1.03E-07	3.73E-11	1.13E-10	6.52E-11	6.43E-11	5.83E-11	2.66E-11	2.58E-11	1.25E-12	3.01E-11	6.64E-12	8.74E-12	1.39E-11	2.44E-12	1.36E-11	7.66E-11
6038	479732.88	3850933.83	1.06E-07	1.05E-07	1.02E-07	3.68E-11	1.11E-10	6.44E-11	6.36E-11	5.76E-11	2.63E-11	2.55E-11	1.23E-12	2.97E-11	6.56E-12	8.63E-12	1.37E-11	2.41E-12	1.34E-11	7.56E-11
6039	479645.02	3850891.18	1.05E-07	1.04E-07	1.01E-07	3.64E-11	1.10E-10	6.37E-11	6.29E-11	5.70E-11	2.60E-11	2.53E-11	1.22E-12	2.94E-11	6.49E-12	8.54E-12	1.35E-11	2.39E-12	1.33E-11	7.48E-11
6040	479557.17	3850848.54	1.04E-07	1.03E-07	1.00E-07	3.61E-11	1.09E-10	6.31E-11	6.23E-11	5.65E-11	2.58E-11	2.50E-11	1.21E-12	2.91E-11	6.43E-12	8.46E-12	1.34E-11	2.37E-12	1.31E-11	7.42E-11
6041	479469.32	3850805.89	1.03E-07	1.02E-07	9.87E-08	3.56E-11	1.08E-10	6.23E-11	6.15E-11	5.57E-11	2.54E-11	2.47E-11	1.19E-12	2.87E-11	6.34E-12	8.35E-12	1.32E-11	2.33E-12	1.30E-11	7.32E-11
6042	479381.46	3850763.24	1.02E-07	1.01E-07	9.80E-08	3.54E-11	1.07E-10	6.19E-11	6.11E-11	5.54E-11	2.53E-11	2.45E-11	1.18E-12	2.86E-11	6.30E-12	8.29E-12	1.32E-11	2.32E-12	1.29E-11	7.27E-11
6043	479293.61	3850720.59	1.02E-07	1.01E-07	9.78E-08	3.53E-11	1.07E-10	6.17E-11	6.09E-11	5.52E-11	2.52E-11	2.45E-11	1.18E-12	2.85E-11	6.29E-12	8.27E-12	1.31E-11	2.31E-12	1.28E-11	7.25E-11
6044	479205.76	3850677.95	1.02E-07	1.00E-07	9.74E-08	3.52E-11	1.06E-10	6.15E-11	6.07E-11	5.50E-11	2.51E-11	2.44E-11	1.17E-12	2.84E-11	6.26E-12	8.24E-12	1.31E-11	2.30E-12	1.28E-11	7.22E-11
6045	479117.9	3850635.3	1.01E-07	1.00E-07	9.72E-08	3.51E-11	1.06E-10	6.13E-11	6.05E-11	5.49E-11	2.50E-11	2.43E-11	1.17E-12	2.83E-11	6.25E-12	8.22E-12	1.30E-11	2.30E-12	1.28E-11	7.20E-11
6046	479030.05	3850592.65	1.01E-07	9.95E-08	9.67E-08	3.49E-11	1.05E-10	6.10E-11	6.02E-11	5.46E-11	2.49E-11	2.42E-11	1.17E-12	2.82E-11	6.21E-12	8.18E-12	1.30E-11	2.29E-12	1.27E-11	7.17E-11
6047	478942.19	3850550	9.94E-08	9.81E-08	9.53E-08	3.44E-11	1.04E-10	6.02E-11	5.94E-11	5.38E-11	2.46E-11	2.38E-11	1.15E-12	2.78E-11	6.13E-12	8.06E-12	1.28E-11	2.25E-12	1.25E-11	7.07E-11
6048	478854.34	3850507.36	9.71E-08	9.58E-08	9.30E-08	3.36E-11	1.01E-10	5.87E-11	5.80E-11	5.26E-11	2.40E-11	2.33E-11	1.12E-12	2.71E-11	5.98E-12	7.87E-12	1.25E-11	2.20E-12	1.22E-11	6.90E-11
6049	478766.49	3850464.71	9.58E-08	9.45E-08	9.18E-08	3.32E-11	1.00E-10	5.80E-11	5.72E-11	5.18E-11	2.37E-11	2.30E-11	1.11E-12	2.67E-11	5.90E-12	7.77E-12	1.23E-11	2.17E-12	1.21E-11	6.81E-11
6050	478678.63	3850422.06	9.47E-08	9.35E-08	9.08E-08	3.28E-11	9.90E-11	5.73E-11	5.66E-11	5.13E-11	2.34E-11	2.27E-11	1.10E-12	2.65E-11	5.84E-12	7.68E-12	1.22E-11	2.15E-12	1.19E-11	6.73E-11
6051	478590.78	3850379.41	9.36E-08	9.23E-08	8.97E-08	3.24E-11	9.78E-11	5.66E-11	5.59E-11	5.07E-11	2.31E-11	2.24E-11	1.08E-12	2.61E-11	5.76E-12	7.59E-12	1.20E-11	2.12E-12	1.18E-11	6.65E-11
6052	478502.93	3850336.77	9.27E-08	9.14E-08	8.88E-08	3.21E-11	9.68E-11	5.61E-11	5.53E-11	5.02E-11	2.29E-11	2.22E-11	1.07E-12	2.59E-11	5.71E-12	7.51E-12	1.19E-11	2.10E-12	1.17E-11	6.58E-11
6053	478415.07	3850294.12	9.19E-08	9.07E-08	8.81E-08	3.18E-11	9.60E-11	5.56E-11	5.49E-11	4.97E-11	2.27E-11	2.20E-11	1.06E-12	2.57E-11	5.66E-12	7.45E-12	1.18E-11	2.08E-12	1.16E-11	6.53E-11
6054	478327.22	3850251.47	9.08E-08	8.96E-08	8.71E-08	3.14E-11	9.49E-11	5.50E-11	5.42E-11	4.92E-11	2.24E-11	2.18E-11	1.05E-12	2.54E-11	5.60E-12	7.36E-12	1.17E-11	2.06E-12	1.14E-11	6.46E-11
6055	478239.36	3850208.82	8.99E-08	8.87E-08	8.62E-08	3.11E-11	9.40E-11	5.44E-11	5.37E-11	4.87E-11	2.22E-11	2.16E-11	1.04E-12	2.51E-11	5.54E-12	7.29E-12	1.16E-11	2.04E-12	1.13E-11	6.39E-11
6056	478151.51	3850166.18	8.91E-08	8.80E-08	8.54E-08	3.09E-11	9.32E-11	5.39E-11	5.32E-11	4.83E-11	2.20E-11	2.14E-11	1.03E-12	2.49E-11	5.49E-12	7.23E-12	1.15E-11	2.02E-12	1.12E-11	6.33E-11
6057	478063.66	3850123.53	8.84E-08	8.72E-08	8.47E-08	3.06E-11	9.24E-11	5.35E-11	5.28E-11	4.78E-11	2.18E-11	2.12E-11	1.02E-12	2.47E-11	5.44E-12	7.16E-12	1.14E-11	2.00E-12	1.11E-11	6.28E-11
6058	477975.8	3850080.88	8.91E-08	8.80E-08	8.54E-08	3.09E-11	9.32E-11	5.39E-11	5.32E-11	4.83E-11	2.20E-11	2.14E-11	1.03E-12	2.49E-11	5.49E-12	7.23E-12	1.15E-11	2.02E-12	1.12E-11	6.33E-11
6059	477887.95	3850038.23	8.88E-08	8.76E-08	8.51E-08	3.07E-11	9.28E-11	5.37E-11	5.30E-11	4.80E-11	2.19E-11	2.13E-11	1.03E-12	2.48E-11	5.47E-12	7.20E-12	1.14E-11	2.01E-12	1.12E-11	6.31E-11
6060	477800.1	3849995.59	8.86E-08	8.75E-08	8.49E-08	3.07E-11	9.26E-11	5.36E-11	5.29E-11	4.80E-11	2.19E-11	2.13E-11	1.02E-12	2.47E-11	5.46E-12	7.19E-12	1.14E-11	2.01E-12	1.12E-11	6.30E-11
6061	477712.24	3849952.94	8.81E-08	8.70E-08	8.44E-08	3.05E-11	9.21E-11	5.33E-11	5.26E-11	4.77E-11	2.18E-11	2.11E-11	1.02E-12	2.46E-11	5.43E-12	7.14E-12	1.13E-11	2.00E-12	1.11E-11	6.26E-11
6062	477624.39	3849910.29	8.76E-08	8.64E-08	8.39E-08	3.03E-11	9.15E-11	5.30E-11	5.23E-11	4.74E-11	2.16E-11	2.10E-11	1.01E-12	2.45E-11	5.40E-12	7.10E-12	1.13E-11	1.99E-12	1.10E-11	6.22E-11
6063	477536.54	3849867.64	8.71E-08	8.59E-08	8.34E-08	3.01E-11	9.10E-11	5.27E-11	5.20E-11	4.71E-11	2.15E-11	2.09E-11	1.01E-12	2.43E-11	5.36E-12	7.06E-12	1.12E-11	1.97E-12	1.10E-11	6.19E-11
6064	477448.68	3849825	8.63E-08	8.52E-08	8.27E-08	2.99E-11	9.02E-11	5.22E-11	5.15E-11	4.67E-11	2.13E-11	2.07E-11	9.97E-13	2.41E-11	5.32E-12	7.00E-12	1.11E-11	1.96E-12	1.09E-11	6.13E-11
6065	477360.83	3849782.35	8.56E-08	8.45E-08	8.21E-08	2.96E-11	8.95E-11	5.18E-11	5.11E-11	4.64E-11	2.12E-11	2.05E-11	9.90E-13	2.39E-11	5.28E-12	6.94E-12	1.10E-11	1.94E-12	1.08E-11	6.09E-11
6066	477272.97	3849739.7	8.50E-08	8.39E-08	8.14E-08	2.94E-11	8.88E-11	5.14E-11	5.07E-11	4.60E-11	2.10E-11	2.04E-11	9.82E-13	2.37E-11	5.24E-12	6.89E-12	1.09E-11	1.93E-12	1.07E-11	6.04E-11
6067	477185.12	3849697.05	8.43E-08	8.32E-08	8.08E-08	2.92E-11	8.81E-11	5.10E-11	5.04E-11	4.56E-11	2.08E-11	2.02E-11	9.75E-13	2.35E-11	5.20E-12	6.84E-12	1.08E-11	1.91E-12	1.06E-11	5.99E-11
6068	477097.27	3849654.41	8.35E-08	8.25E-08	8.01E-08	2.89E-11	8.73E-11	5.06E-11	4.99E-11	4.52E-11	2.06E-11	2.00E-11	9.66E-13	2.33E-11	5.15E-12	6.77E-12	1.07E-11	1.89E-12	1.05E-11	5.94E-11
6069	477009.41	3849611.76	8.24E-08	8.13E-08	7.89E-08	2.85E-11	8.61E-11	4.98E-11	4.92E-11	4.46E-11	2.03E-11	1.98E-11	9.52E-13	2.30E-11	5.08E-12	6.68E-12	1.06E-11	1.87E-12	1.04E-11	5.85E-11
6070	476841.49	3849530.08	8.08E-08	7.98E-08	7.75E-08	2.80E-11	8.45E-11	4.89E-11	4.83E-11	4.37E-11	2.00E-11	1.94E-11	9.34E-13	2.26E-11	4.98E-12	6.55E-12	1.04E-11	1.83E-12	1.02E-11	5.74E-11
6071	476761.41	3849491.05	8.03E-08	7.92E-08	7.70E-08	2.78E-11	8.39E-11	4.86E-11	4.79E-11	4.35E-11	1.98E-11	1.93E-11	9.28E-13	2.24E-11	4.95E-12	6.51E-12	1.03E-11	1.82E-12	1.01E-11	5.71E-11
6072	476681.34	3849452.02	7.95E-08	7.85E-08	7.62E-08	2.75E-11	8.31E-11	4.81E-11	4.75E-11	4.30E-11	1.96E-11	1.91E-11	9.19E-13	2.22E-11	4.90E-12	6.45E-12	1.02E-11	1.80E-12	1.00E-11	5.65E-11
6073	476601.26	3849412.99	7.86E-08	7.76E-08	7.53E-08	2.72E-11	8.22E-11	4.76E-11	4.69E-11	4.25E-11	1.94E-11	1.89E-11	9.09E-13	2.19E-11	4.84E-12	6.37E-12	1.01E-11	1.78E-12	9.89E-12	5.59E-11
6074	476456.32	3849353.67	7.66E-08	7.56E-08	7.35E-08	2.65E-11	8.01E-11	4.64E-11	4.58E-11	4.15E-11	1.89E-11	1.84E-11	8.86E-13	2.14E-11	4.72E-12	6.21E-12	9.86E-12	1.74E-12	9.65E-12	5.45E-11
6075	476305.43	3849318.84	7.65E-08	7.55E-08	7.33E-08	2.65E-11	8.00E-11	4.63E-11	4.57E-11	4.14E-11	1.89E-11	1.84E-11	8.85E-13	2.14E-11	4.71E-12	6.20E-12	9.84E-12	1.73E-12	9.63E-12	5.44E-11
6076	476129.36	3849289.99	7.60E-08	7.50E-08	7.28E-08	2.63E-11	7.94E-11	4.60E-11	4.54E-11	4.11E-11	1.88E-11	1.82E-11	8.78E-13	2.12E-11	4.68E-12	6.16E-12	9.78E-12	1.72E-12	9.57E-12	5.40E-11
6077	476039.31	3849275.68	7.57E-08	7.48E-08	7.26E-08	2.62E-11	7.92E-11	4.58E-11	4.52E-11	4.10E-11	1.87E-11	1.82E-11	8.75E-13	2.11E-11	4.67E-12	6.14E-12	9.74E-12	1.72E-12	9.53E-12	5.38E-11
6078	475949.26	3849261.38	7.47E-08	7.37E-08	7.16E-08	2.59E-11	7.81E-11	4.52E-11	4.46E-11	4.04E-11	1.85E-11	1.79E-11	8.63E-13	2.09E-11	4.60E-12	6.06E-12	9.61E-12	1.69E-12	9.40E-12	5.31E-11
6079	475859.21	3849247.08	7.43E-08	7.33E-08	7.12E-08	2.57E-11	7.77E-11	4.50E-11	4.44E-11	4.02E-11	1.84E-11	1.78E-11	8.59E-13	2.07E-11	4.58E-12	6.02E-12	9.56E-12	1.68E-12	9.35E-12	5.28E-11
6080	475769.16	3849232.77	7.37E-08	7.27E-08	7.06E-08	2.55E-11	7.70E-11	4.46E-11	4.40E-11	3.99E-11	1.82E-11	1.77E-11	8.51E-13	2.06E-11	4.54E-12	5.97E-12	9.47E-12	1.67E-12	9.27E-12	5.23E-11
6081	475585.23	3849219.27	6.65E-08	6.56E-08	6.37E-08	2.30E-11	6.95E-11	4.02E-11	3.97E-11	3.60E-11	1.64E-11	1.60E-11	7.69E-13	1.86E-11	4.10E-12	5.39E-12	8.55E-12	1.51E-12	8.37E-12	4.73E-11
6082	475444.5	3849150.35	6.96E-08	6.87E-08	6.67E-08	2.41E-11	7.28E-11	4.21E-11	4.16E-11	3.77E-11	1.72E-11	1.67E-11	8.05E-13	1.94E-11	4.29E-12	5.64E-12	8.95E-12	1.58E-12	8.76E-12	4.95E-11
6083	475334.18	3849118.71	6.98E-08	6.88E-08	6.69E-08	2.41E-11	7.29E-11	4.22E-11	4.17E-11	3.78E-11	1.72E-11	1.67E-11	8.06E-13	1.95E-11	4.30E-12	5.66E-12	8.97E-12	1.58E-12	8.78E-12	4.96E-11
6084	475230.47	3849060.57	6.91E-08	6.82E-08	6.62E-08	2.39E-11	7.22E-11	4.18E-11	4.13E-11	3.74E-11	1.71E-11	1.66E-11	7.99E-13	1.93E-11	4.26E-12	5.60E-12	8.89E-12	1.57E-12	8.70E-12	4.91E-11
6085	475110.86	3848960.97	6.79E-08	6.70E-08	6.51E-08	2.35E-11	7.10E-11	4.11E-11	4.06E-11	3.68E-11	1.68E-11	1.63E-11	7.85E-13	1.90E-11	4.19E-12	5.51E-12	8.74E-12	1.54E-12	8.55E-12	4.83E-11
6086	475037.79	3848896.28	6.69E-08	6.60E-08	6.41E-08	2.32E-11	6.99E-11	4.05E-11	3.99E-11	3.62E-11	1.65E-11	1.60E-11	7.73E-13	1.87E-11	4.12E-12	5.42E-12	8.60E-12	1.52E-12	8.42E-12	4.75E-11
6087	474964.72	3848831.59	6.58E-08	6.50E-08	6.31E-08	2.28E-11	6.88E-11	3.98E-11	3.93E-11	3.56E-11	1.63E-11	1.58E-11	7.61E-13	1.84E-11	4.06E-12	5.34E-12	8.47E-12	1.49E-12	8.29E-12	4.68E-11
6088	474891.65	3848766.9	6.52E-08	6.43E-08	6.25E-08	2.26E-11	6.81E-11	3.94E-11	3.89E-11	3.53E-11	1.61E-11	1.56E-11	7.54E-13	1.82E-11	4.02E-12	5.29E-12	8.39E-12	1.48E-12	8.21E-12	4.63E-11

6089	474818.58	3848702.22	6.48E-08	6.40E-08	6.21E-08	2.24E-11	6.77E-11	3.92E-11	3.87E-11	3.51E-11	1.60E-11	1.55E-11	7.49E-13	1.81E-11	3.99E-12	5.25E-12	8.34E-12	1.47E-12	8.16E-12	4.61E-11
6090	474745.51	3848637.53	6.53E-08	6.45E-08	6.26E-08	2.26E-11	6.83E-11	3.95E-11	3.90E-11	3.54E-11	1.61E-11	1.57E-11	7.55E-13	1.82E-11	4.03E-12	5.30E-12	8.40E-12	1.48E-12	8.22E-12	4.64E-11
6091	474672.44	3848572.84	6.51E-08	6.42E-08	6.24E-08	2.25E-11	6.80E-11	3.94E-11	3.89E-11	3.52E-11	1.61E-11	1.56E-11	7.52E-13	1.82E-11	4.01E-12	5.28E-12	8.37E-12	1.47E-12	8.19E-12	4.62E-11
6092	474599.37	3848508.15	6.42E-08	6.33E-08	6.15E-08	2.22E-11	6.71E-11	3.88E-11	3.83E-11	3.47E-11	1.58E-11	1.54E-11	7.42E-13	1.79E-11	3.95E-12	5.20E-12	8.25E-12	1.45E-12	8.08E-12	4.56E-11
6093	474526.3	3848443.46	6.36E-08	6.28E-08	6.10E-08	2.20E-11	6.65E-11	3.85E-11	3.80E-11	3.44E-11	1.57E-11	1.53E-11	7.36E-13	1.78E-11	3.92E-12	5.16E-12	8.18E-12	1.44E-12	8.01E-12	4.52E-11

Appendix A4.5: Chronic Hazard

Chronic Hazard

Chronic Noncancer Hazard

Hazard Index = C_i / REL_i

Concentration (µg/m^3)

	Ci (Annual)	Chronic REL	Chronic HI
Max Unmitig	0.38	5	0.08
Max Mitigat	0.29	5	0.06

2028

Unmitigated PM10 Annual Concentration

Rec#	X, Y	Construction	Mains	Leads	BSY	IMF	CHE-WHS	Roads	Total
1	485973.61, 3854936.51	5.03E-02	1.11E-03	1.20E-03	1.18E-02	1.16E-03	3.21E-03	2.74E-07	0.06877955
2	486023.61, 3854936.51	4.92E-02	1.07E-03	1.19E-03	1.14E-02	1.11E-03	3.16E-03	2.72E-07	0.06719885
3	486073.61, 3854936.51	4.80E-02	1.04E-03	1.19E-03	1.12E-02	1.07E-03	3.13E-03	2.71E-07	0.06562795
4	486123.61, 3854936.51	4.68E-02	1.00E-03	1.17E-03	1.07E-02	1.02E-03	3.05E-03	2.65E-07	0.06382069
5	486173.61, 3854936.51	4.60E-02	9.83E-04	1.18E-03	1.06E-02	9.97E-04	3.06E-03	2.67E-07	0.0628751
6	486223.61, 3854936.51	4.51E-02	9.54E-04	1.17E-03	1.03E-02	9.58E-04	3.01E-03	2.63E-07	0.06151721
7	486273.61, 3854936.51	4.42E-02	9.30E-04	1.16E-03	1.01E-02	9.27E-04	2.98E-03	2.61E-07	0.06033477
8	486323.61, 3854936.51	4.34E-02	9.09E-04	1.16E-03	9.93E-03	9.00E-04	2.96E-03	2.59E-07	0.05926044
9	485973.61, 3854986.51	5.26E-02	1.15E-03	1.19E-03	1.26E-02	1.26E-03	3.61E-03	2.85E-07	0.07234689
10	486023.61, 3854986.51	5.14E-02	1.11E-03	1.18E-03	1.22E-02	1.21E-03	3.55E-03	2.83E-07	0.07072029
11	486073.61, 3854986.51	5.03E-02	1.08E-03	1.17E-03	1.19E-02	1.15E-03	3.48E-03	2.80E-07	0.06903348
12	486123.61, 3854986.51	4.92E-02	1.04E-03	1.17E-03	1.15E-02	1.10E-03	3.42E-03	2.77E-07	0.06747473
13	486173.61, 3854986.51	4.80E-02	1.02E-03	1.17E-03	1.13E-02	1.07E-03	3.39E-03	2.77E-07	0.06598048
14	486223.61, 3854986.51	4.70E-02	9.85E-04	1.16E-03	1.10E-02	1.03E-03	3.33E-03	2.73E-07	0.06447075
15	486273.61, 3854986.51	4.60E-02	9.54E-04	1.15E-03	1.06E-02	9.83E-04	3.26E-03	2.69E-07	0.06293738
16	486323.61, 3854986.51	4.52E-02	9.39E-04	1.15E-03	1.06E-02	9.68E-04	3.27E-03	2.71E-07	0.06213786
17	485973.61, 3855036.51	5.50E-02	1.19E-03	1.18E-03	1.34E-02	1.36E-03	4.06E-03	2.97E-07	0.07618596
18	486023.61, 3855036.51	5.37E-02	1.15E-03	1.17E-03	1.30E-02	1.30E-03	3.97E-03	2.93E-07	0.0742958
19	486073.61, 3855036.51	5.24E-02	1.11E-03	1.16E-03	1.26E-02	1.23E-03	3.86E-03	2.89E-07	0.07233582
20	486123.61, 3855036.51	5.13E-02	1.07E-03	1.15E-03	1.22E-02	1.18E-03	3.78E-03	2.86E-07	0.07066181
21	486173.61, 3855036.51	5.02E-02	1.05E-03	1.15E-03	1.20E-02	1.15E-03	3.75E-03	2.86E-07	0.06930994
22	486223.61, 3855036.51	4.89E-02	1.01E-03	1.14E-03	1.16E-02	1.09E-03	3.65E-03	2.82E-07	0.06736564
23	486273.61, 3855036.51	4.80E-02	9.91E-04	1.14E-03	1.14E-02	1.06E-03	3.63E-03	2.82E-07	0.06622085
24	486323.61, 3855036.51	4.70E-02	9.63E-04	1.13E-03	1.11E-02	1.02E-03	3.56E-03	2.79E-07	0.06479442
25	485973.61, 3855086.51	5.73E-02	1.24E-03	1.16E-03	1.43E-02	1.45E-03	4.55E-03	3.09E-07	0.08001815
26	486023.61, 3855086.51	5.60E-02	1.20E-03	1.16E-03	1.39E-02	1.39E-03	4.46E-03	3.06E-07	0.07816308
27	486073.61, 3855086.51	5.47E-02	1.15E-03	1.15E-03	1.34E-02	1.32E-03	4.31E-03	3.00E-07	0.07598135
28	486123.61, 3855086.51	5.34E-02	1.12E-03	1.14E-03	1.31E-02	1.27E-03	4.23E-03	2.99E-07	0.07427809
29	486173.61, 3855086.51	5.22E-02	1.08E-03	1.13E-03	1.26E-02	1.22E-03	4.12E-03	2.95E-07	0.07239482
30	486223.61, 3855086.51	5.11E-02	1.05E-03	1.13E-03	1.23E-02	1.17E-03	4.05E-03	2.94E-07	0.07085714
31	485973.61, 3855136.51	5.96E-02	1.29E-03	1.15E-03	1.53E-02	1.56E-03	5.12E-03	3.24E-07	0.08403347
32	486023.61, 3855136.51	5.83E-02	1.24E-03	1.14E-03	1.48E-02	1.49E-03	4.97E-03	3.18E-07	0.08191671
33	486073.61, 3855136.51	5.70E-02	1.19E-03	1.14E-03	1.43E-02	1.42E-03	4.82E-03	3.13E-07	0.07986425
34	486123.61, 3855136.51	5.57E-02	1.16E-03	1.13E-03	1.39E-02	1.36E-03	4.69E-03	3.10E-07	0.07790224
35	486173.61, 3855136.51	5.44E-02	1.12E-03	1.12E-03	1.34E-02	1.30E-03	4.56E-03	3.06E-07	0.07592676
36	486223.61, 3855136.51	5.32E-02	1.08E-03	1.12E-03	1.31E-02	1.25E-03	4.46E-03	3.04E-07	0.07413061
37	485973.61, 3855186.51	6.19E-02	1.34E-03	1.14E-03	1.63E-02	1.68E-03	5.74E-03	3.40E-07	0.08816639
38	486023.61, 3855186.51	6.05E-02	1.29E-03	1.13E-03	1.58E-02	1.60E-03	5.56E-03	3.34E-07	0.08590751
39	486073.61, 3855186.51	5.92E-02	1.24E-03	1.12E-03	1.52E-02	1.52E-03	5.35E-03	3.26E-07	0.08359657
40	486123.61, 3855186.51	5.79E-02	1.19E-03	1.12E-03	1.46E-02	1.44E-03	5.15E-03	3.20E-07	0.08141433
41	486173.61, 3855186.51	5.66E-02	1.15E-03	1.11E-03	1.42E-02	1.38E-03	5.01E-03	3.17E-07	0.07940188
42	486223.61, 3855186.51	5.53E-02	1.12E-03	1.10E-03	1.38E-02	1.32E-03	4.88E-03	3.14E-07	0.07744603
43	486273.61, 3855186.51	5.40E-02	1.08E-03	1.10E-03	1.33E-02	1.27E-03	4.74E-03	3.11E-07	0.07553065
44	486323.61, 3855186.51	5.30E-02	1.06E-03	1.10E-03	1.33E-02	1.25E-03	4.74E-03	3.15E-07	0.07440819

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Mitigated PM10 Annual Concentration

Rec#	X, Y	Construction	Mains	Leads	BSY	IMF	CHE-WHS	Roads	Total
1	485973.61, 3854936.51	2.53E-02	1.11E-03	1.20E-03	1.18E-02	1.16E-03	1.33E-03	3.21E-03	4.51E-02
2	486023.61, 3854936.51	2.48E-02	1.07E-03	1.19E-03	1.14E-02	1.11E-03	1.30E-03	3.16E-03	4.40E-02
3	486073.61, 3854936.51	2.42E-02	1.04E-03	1.19E-03	1.12E-02	1.07E-03	1.28E-03	3.13E-03	4.31E-02
4	486123.61, 3854936.51	2.36E-02	1.00E-03	1.17E-03	1.07E-02	1.02E-03	1.23E-03	3.05E-03	4.18E-02
5	486173.61, 3854936.51	2.32E-02	9.83E-04	1.18E-03	1.06E-02	9.97E-04	1.24E-03	3.06E-03	4.13E-02
6	486223.61, 3854936.51	2.27E-02	9.54E-04	1.17E-03	1.03E-02	9.58E-04	1.21E-03	3.01E-03	4.03E-02
7	486273.61, 3854936.51	2.23E-02	9.30E-04	1.16E-03	1.01E-02	9.27E-04	1.19E-03	2.98E-03	3.96E-02
8	486323.61, 3854936.51	2.19E-02	9.09E-04	1.16E-03	9.93E-03	9.00E-04	1.18E-03	2.96E-03	3.89E-02
9	485973.61, 3854986.51	2.64E-02	1.15E-03	1.19E-03	1.26E-02	1.26E-03	1.58E-03	3.61E-03	4.78E-02
10	486023.61, 3854986.51	2.59E-02	1.11E-03	1.18E-03	1.22E-02	1.21E-03	1.54E-03	3.55E-03	4.67E-02
11	486073.61, 3854986.51	2.53E-02	1.08E-03	1.17E-03	1.19E-02	1.15E-03	1.50E-03	3.48E-03	4.55E-02
12	486123.61, 3854986.51	2.48E-02	1.04E-03	1.17E-03	1.15E-02	1.10E-03	1.46E-03	3.42E-03	4.45E-02
13	486173.61, 3854986.51	2.42E-02	1.02E-03	1.17E-03	1.13E-02	1.07E-03	1.44E-03	3.39E-03	4.36E-02
14	486223.61, 3854986.51	2.36E-02	9.85E-04	1.16E-03	1.10E-02	1.03E-03	1.40E-03	3.33E-03	4.25E-02
15	486273.61, 3854986.51	2.31E-02	9.54E-04	1.15E-03	1.06E-02	9.83E-04	1.36E-03	3.26E-03	4.15E-02
16	486323.61, 3854986.51	2.28E-02	9.39E-04	1.15E-03	1.06E-02	9.68E-04	1.36E-03	3.27E-03	4.10E-02
17	485973.61, 3855036.51	2.76E-02	1.19E-03	1.18E-03	1.34E-02	1.36E-03	1.87E-03	4.06E-03	5.07E-02
18	486023.61, 3855036.51	2.70E-02	1.15E-03	1.17E-03	1.30E-02	1.30E-03	1.82E-03	3.97E-03	4.94E-02
19	486073.61, 3855036.51	2.63E-02	1.11E-03	1.16E-03	1.26E-02	1.23E-03	1.74E-03	3.86E-03	4.80E-02
20	486123.61, 3855036.51	2.58E-02	1.07E-03	1.15E-03	1.22E-02	1.18E-03	1.69E-03	3.78E-03	4.68E-02
21	486173.61, 3855036.51	2.52E-02	1.05E-03	1.15E-03	1.20E-02	1.15E-03	1.67E-03	3.75E-03	4.60E-02
22	486223.61, 3855036.51	2.46E-02	1.01E-03	1.14E-03	1.16E-02	1.09E-03	1.60E-03	3.65E-03	4.47E-02
23	486273.61, 3855036.51	2.41E-02	9.91E-04	1.14E-03	1.14E-02	1.06E-03	1.59E-03	3.63E-03	4.40E-02
24	486323.61, 3855036.51	2.36E-02	9.63E-04	1.13E-03	1.11E-02	1.02E-03	1.54E-03	3.56E-03	4.30E-02
25	485973.61, 3855086.51	2.88E-02	1.24E-03	1.16E-03	1.43E-02	1.45E-03	2.20E-03	4.55E-03	5.37E-02
26	486023.61, 3855086.51	2.81E-02	1.20E-03	1.16E-03	1.39E-02	1.39E-03	2.13E-03	4.46E-03	5.24E-02
27	486073.61, 3855086.51	2.75E-02	1.15E-03	1.15E-03	1.34E-02	1.32E-03	2.03E-03	4.31E-03	5.08E-02
28	486123.61, 3855086.51	2.68E-02	1.12E-03	1.14E-03	1.31E-02	1.27E-03	1.98E-03	4.23E-03	4.97E-02
29	486173.61, 3855086.51	2.62E-02	1.08E-03	1.13E-03	1.26E-02	1.22E-03	1.90E-03	4.12E-03	4.83E-02
30	486223.61, 3855086.51	2.57E-02	1.05E-03	1.13E-03	1.23E-02	1.17E-03	1.85E-03	4.05E-03	4.73E-02
31	485973.61, 3855136.51	2.99E-02	1.29E-03	1.15E-03	1.53E-02	1.56E-03	2.58E-03	5.12E-03	5.69E-02
32	486023.61, 3855136.51	2.93E-02	1.24E-03	1.14E-03	1.48E-02	1.49E-03	2.47E-03	4.97E-03	5.54E-02
33	486073.61, 3855136.51	2.86E-02	1.19E-03	1.14E-03	1.43E-02	1.42E-03	2.37E-03	4.82E-03	5.38E-02
34	486123.61, 3855136.51	2.80E-02	1.16E-03	1.13E-03	1.39E-02	1.36E-03	2.28E-03	4.69E-03	5.25E-02
35	486173.61, 3855136.51	2.73E-02	1.12E-03	1.12E-03	1.34E-02	1.30E-03	2.19E-03	4.56E-03	5.10E-02
36	486223.61, 3855136.51	2.67E-02	1.08E-03	1.12E-03	1.31E-02	1.25E-03	2.11E-03	4.46E-03	4.98E-02
37	485973.61, 3855186.51	3.11E-02	1.34E-03	1.14E-03	1.63E-02	1.68E-03	3.00E-03	5.74E-03	6.03E-02
38	486023.61, 3855186.51	3.04E-02	1.29E-03	1.13E-03	1.58E-02	1.60E-03	2.87E-03	5.56E-03	5.86E-02
39	486073.61, 3855186.51	2.97E-02	1.24E-03	1.12E-03	1.52E-02	1.52E-03	2.72E-03	5.35E-03	5.68E-02
40	486123.61, 3855186.51	2.90E-02	1.19E-03	1.12E-03	1.46E-02	1.44E-03	2.58E-03	5.15E-03	5.52E-02
41	486173.61, 3855186.51	2.84E-02	1.15E-03	1.11E-03	1.42E-02	1.38E-03	2.48E-03	5.01E-03	5.37E-02
42	486223.61, 3855186.51	2.77E-02	1.12E-03	1.10E-03	1.38E-02	1.32E-03	2.38E-03	4.88E-03	5.23E-02
43	486273.61, 3855186.51	2.71E-02	1.08E-03	1.10E-03	1.33E-02	1.27E-03	2.29E-03	4.74E-03	5.09E-02
44	486323.61, 3855186.51	2.66E-02	1.06E-03	1.10E-03	1.33E-02	1.25E-03	2.28E-03	4.74E-03	5.03E-02

45	485973.61, 3855236.51	6.43E-02	1.40E-03	1.13E-03	1.74E-02	1.79E-03	6.40E-03	3.56E-07	0.09240014	3.23E-02	1.40E-03	1.13E-03	1.74E-02	1.79E-03	3.45E-03	6.40E-03	6.38E-02
46	486023.61, 3855236.51	6.28E-02	1.34E-03	1.12E-03	1.67E-02	1.70E-03	6.13E-03	3.47E-07	0.08981998	3.15E-02	1.34E-03	1.12E-03	1.67E-02	1.70E-03	3.25E-03	6.13E-03	6.18E-02
47	486073.61, 3855236.51	6.14E-02	1.28E-03	1.11E-03	1.60E-02	1.61E-03	5.87E-03	3.39E-07	0.08731426	3.08E-02	1.28E-03	1.11E-03	1.60E-02	1.61E-03	3.06E-03	5.87E-03	5.98E-02
48	486123.61, 3855236.51	6.00E-02	1.23E-03	1.10E-03	1.55E-02	1.53E-03	5.67E-03	3.33E-07	0.08507215	3.01E-02	1.23E-03	1.10E-03	1.55E-02	1.53E-03	2.92E-03	5.67E-03	5.81E-02
49	486173.61, 3855236.51	5.87E-02	1.19E-03	1.10E-03	1.50E-02	1.47E-03	5.50E-03	3.28E-07	0.0829747	2.95E-02	1.19E-03	1.10E-03	1.50E-02	1.47E-03	2.80E-03	5.50E-03	5.65E-02
50	486223.61, 3855236.51	5.74E-02	1.15E-03	1.09E-03	1.45E-02	1.40E-03	5.33E-03	3.24E-07	0.08091351	2.88E-02	1.15E-03	1.09E-03	1.45E-02	1.40E-03	2.67E-03	5.33E-03	5.50E-02
51	486273.61, 3855236.51	5.60E-02	1.10E-03	1.08E-03	1.39E-02	1.33E-03	5.11E-03	3.18E-07	0.07851222	2.81E-02	1.10E-03	1.08E-03	1.39E-02	1.33E-03	2.52E-03	5.11E-03	5.31E-02
52	486323.61, 3855236.51	5.50E-02	1.09E-03	1.09E-03	1.40E-02	1.32E-03	5.16E-03	3.26E-07	0.07762901	2.76E-02	1.09E-03	1.09E-03	1.40E-02	1.32E-03	2.54E-03	5.16E-03	5.28E-02
53	485973.61, 3855286.51	6.67E-02	1.45E-03	1.11E-03	1.84E-02	1.91E-03	7.10E-03	3.72E-07	0.09676536	3.35E-02	1.45E-03	1.11E-03	1.84E-02	1.91E-03	3.93E-03	7.10E-03	6.74E-02
54	486023.61, 3855286.51	6.52E-02	1.39E-03	1.10E-03	1.77E-02	1.80E-03	6.76E-03	3.62E-07	0.09393201	3.27E-02	1.39E-03	1.10E-03	1.77E-02	1.80E-03	3.68E-03	6.76E-03	6.51E-02
55	486073.61, 3855286.51	6.37E-02	1.33E-03	1.10E-03	1.70E-02	1.71E-03	6.48E-03	3.54E-07	0.09131375	3.19E-02	1.33E-03	1.10E-03	1.70E-02	1.71E-03	3.47E-03	6.48E-03	6.30E-02
56	486123.61, 3855286.51	6.23E-02	1.28E-03	1.09E-03	1.63E-02	1.62E-03	6.21E-03	3.46E-07	0.08879365	3.12E-02	1.28E-03	1.09E-03	1.63E-02	1.62E-03	3.28E-03	6.21E-03	6.10E-02
57	486173.61, 3855286.51	6.09E-02	1.23E-03	1.08E-03	1.57E-02	1.54E-03	5.98E-03	3.39E-07	0.08645265	3.05E-02	1.23E-03	1.08E-03	1.57E-02	1.54E-03	3.11E-03	5.98E-03	5.92E-02
58	486223.61, 3855286.51	5.95E-02	1.19E-03	1.08E-03	1.53E-02	1.48E-03	5.80E-03	3.36E-07	0.08435727	2.99E-02	1.19E-03	1.08E-03	1.53E-02	1.48E-03	2.98E-03	5.80E-03	5.77E-02
59	486123.61, 3855336.51	6.46E-02	1.32E-03	1.07E-03	1.72E-02	1.71E-03	6.77E-03	3.60E-07	0.09264212	3.24E-02	1.32E-03	1.07E-03	1.72E-02	1.71E-03	3.65E-03	6.77E-03	6.41E-02
60	486173.61, 3855336.51	6.31E-02	1.27E-03	1.07E-03	1.66E-02	1.64E-03	6.53E-03	3.53E-07	0.09022795	3.16E-02	1.27E-03	1.07E-03	1.66E-02	1.64E-03	3.48E-03	6.53E-03	6.22E-02
61	486223.61, 3855336.51	6.17E-02	1.23E-03	1.06E-03	1.61E-02	1.56E-03	6.30E-03	3.48E-07	0.08788745	3.09E-02	1.23E-03	1.06E-03	1.61E-02	1.56E-03	3.31E-03	6.30E-03	6.04E-02
62	486123.61, 3855386.51	6.70E-02	1.37E-03	1.06E-03	1.81E-02	1.81E-03	7.39E-03	3.75E-07	0.09669314	3.36E-02	1.37E-03	1.06E-03	1.81E-02	1.81E-03	4.06E-03	7.39E-03	6.73E-02
63	486173.61, 3855386.51	6.54E-02	1.32E-03	1.06E-03	1.75E-02	1.73E-03	7.11E-03	3.68E-07	0.09407407	3.28E-02	1.32E-03	1.06E-03	1.75E-02	1.73E-03	3.86E-03	7.11E-03	6.53E-02
64	486223.61, 3855386.51	6.38E-02	1.27E-03	1.05E-03	1.70E-02	1.65E-03	6.87E-03	3.62E-07	0.09163983	3.20E-02	1.27E-03	1.05E-03	1.70E-02	1.65E-03	3.68E-03	6.87E-03	6.35E-02
65	486533.18, 3855443.15	5.78E-02	1.09E-03	1.02E-03	1.52E-02	1.39E-03	6.33E-03	3.63E-07	0.08289324	2.90E-02	1.09E-03	1.02E-03	1.52E-02	1.39E-03	3.20E-03	6.33E-03	5.73E-02
66	486583.18, 3855443.15	5.67E-02	1.06E-03	1.02E-03	1.48E-02	1.34E-03	6.16E-03	3.60E-07	0.08107189	2.84E-02	1.06E-03	1.02E-03	1.48E-02	1.34E-03	3.08E-03	6.16E-03	5.59E-02
67	486633.18, 3855443.15	5.55E-02	1.03E-03	1.01E-03	1.44E-02	1.29E-03	6.00E-03	3.57E-07	0.07928802	2.79E-02	1.03E-03	1.01E-03	1.44E-02	1.29E-03	2.97E-03	6.00E-03	5.46E-02
68	486683.18, 3855443.15	5.44E-02	1.01E-03	1.01E-03	1.42E-02	1.25E-03	5.88E-03	3.57E-07	0.07771731	2.73E-02	1.01E-03	1.01E-03	1.42E-02	1.25E-03	2.88E-03	5.88E-03	5.35E-02
69	486533.18, 3855493.15	5.97E-02	1.12E-03	1.01E-03	1.59E-02	1.45E-03	6.77E-03	3.75E-07	0.08594889	2.99E-02	1.12E-03	1.01E-03	1.59E-02	1.45E-03	3.47E-03	6.77E-03	5.97E-02
70	486583.18, 3855493.15	5.84E-02	1.09E-03	1.01E-03	1.55E-02	1.40E-03	6.60E-03	3.73E-07	0.08406778	2.93E-02	1.09E-03	1.01E-03	1.55E-02	1.40E-03	3.35E-03	6.60E-03	5.83E-02
71	486633.18, 3855493.15	5.73E-02	1.06E-03	1.00E-03	1.51E-02	1.35E-03	6.42E-03	3.70E-07	0.08223612	2.87E-02	1.06E-03	1.00E-03	1.51E-02	1.35E-03	3.22E-03	6.42E-03	5.69E-02
72	486683.18, 3855493.15	5.61E-02	1.03E-03	9.98E-04	1.47E-02	1.31E-03	6.26E-03	3.68E-07	0.08047545	2.82E-02	1.03E-03	9.98E-04	1.47E-02	1.31E-03	3.10E-03	6.26E-03	5.56E-02
73	486533.18, 3855543.15	6.15E-02	1.16E-03	9.99E-04	1.67E-02	1.52E-03	7.27E-03	3.89E-07	0.08917738	3.09E-02	1.16E-03	9.99E-04	1.67E-02	1.52E-03	3.77E-03	7.27E-03	6.23E-02
74	486583.18, 3855543.15	6.03E-02	1.12E-03	9.93E-04	1.61E-02	1.46E-03	7.02E-03	3.84E-07	0.08701338	3.02E-02	1.12E-03	9.93E-04	1.61E-02	1.46E-03	3.59E-03	7.02E-03	6.06E-02
75	486633.18, 3855543.15	5.91E-02	1.09E-03	9.90E-04	1.57E-02	1.41E-03	6.84E-03	3.82E-07	0.08511744	2.96E-02	1.09E-03	9.90E-04	1.57E-02	1.41E-03	3.46E-03	6.84E-03	5.91E-02
76	486683.18, 3855543.15	5.79E-02	1.06E-03	9.83E-04	1.52E-02	1.35E-03	6.60E-03	3.77E-07	0.08310845	2.90E-02	1.06E-03	9.83E-04	1.52E-02	1.35E-03	3.30E-03	6.60E-03	5.76E-02
77	486533.18, 3855593.15	6.35E-02	1.19E-03	9.87E-04	1.74E-02	1.59E-03	7.75E-03	4.01E-07	0.09242183	3.18E-02	1.19E-03	9.87E-04	1.74E-02	1.59E-03	4.07E-03	7.75E-03	6.48E-02
78	486583.18, 3855593.15	6.22E-02	1.16E-03	9.82E-04	1.69E-02	1.53E-03	7.49E-03	3.97E-07	0.0901833	3.12E-02	1.16E-03	9.82E-04	1.69E-02	1.53E-03	3.88E-03	7.49E-03	6.31E-02
79	486633.18, 3855593.15	6.09E-02	1.12E-03	9.78E-04	1.64E-02	1.47E-03	7.27E-03	3.94E-07	0.08810455	3.05E-02	1.12E-03	9.78E-04	1.64E-02	1.47E-03	3.72E-03	7.27E-03	6.15E-02
80	486683.18, 3855593.15	5.96E-02	1.09E-03	9.75E-04	1.60E-02	1.42E-03	7.09E-03	3.93E-07	0.08618784	2.99E-02	1.09E-03	9.75E-04	1.60E-02	1.42E-03	3.59E-03	7.09E-03	6.01E-02
81	486533.18, 3855643.15	6.55E-02	1.23E-03	9.76E-04	1.82E-02	1.67E-03	8.26E-03	4.15E-07	0.09583811	3.28E-02	1.23E-03	9.76E-04	1.82E-02	1.67E-03	4.38E-03	8.26E-03	6.75E-02
82	486583.18, 3855643.15	6.41E-02	1.19E-03	9.72E-04	1.76E-02	1.60E-03	8.00E-03	4.12E-07	0.09349272	3.21E-02	1.19E-03	9.72E-04	1.76E-02	1.60E-03	4.19E-03	8.00E-03	6.57E-02
83	486633.18, 3855643.15	6.27E-02	1.16E-03	9.68E-04	1.71E-02	1.54E-03	7.75E-03	4.08E-07	0.09125357	3.14E-02	1.16E-03	9.68E-04	1.71E-02	1.54E-03	4.00E-03	7.75E-03	6.40E-02
84	486683.18, 3855643.15	6.14E-02	1.12E-03	9.64E-04	1.67E-02	1.49E-03	7.52E-03	4.06E-07	0.08917418	3.08E-02	1.12E-03	9.64E-04	1.67E-02	1.49E-03	3.84E-03	7.52E-03	6.24E-02
85	486533.18, 3855693.15	6.76E-02	1.28E-03	9.68E-04	1.91E-02	1.76E-03	8.85E-03	4.32E-07	0.09948451	3.39E-02	1.28E-03	9.68E-04	1.91E-02	1.76E-03	4.74E-03	8.85E-03	7.05E-02
86	486583.18, 3855693.15	6.61E-02	1.23E-03	9.61E-04	1.83E-02	1.68E-03	8.49E-03	4.25E-07	0.09683221	3.31E-02	1.23E-03	9.61E-04	1.83E-02	1.68E-03	4.48E-03	8.49E-03	6.83E-02
87	486633.18, 3855693.15	6.48E-02	1.18E-03	9.53E-04	1.76E-02	1.60E-03	8.14E-03	4.18E-07	0.09427551	3.24E-02	1.18E-03	9.53E-04	1.76E-02	1.60E-03	4.24E-03	8.14E-03	6.62E-02
88	486683.18, 3855693.15	6.33E-02	1.15E-03	9.54E-04	1.73E-02	1.55E-03	7.98E-03	4.19E-07	0.09225518	3.17E-02	1.15E-03	9.54E-04	1.73E-02	1.55E-03	4.11E-03	7.98E-03	6.48E-02
89	486733.18, 3855693.15	6.19E-02	1.13E-03	9.57E-04	1.71E-02	1.52E-03	7.88E-03	4.23E-07	0.09051515	3.10E-02	1.13E-03	9.57E-04	1.71E-02	1.52E-03	4.03E-03	7.88E-03	6.37E-02
90	486783.18, 3855693.15	6.05E-02	1.12E-03	9.62E-04	1.71E-02	1.50E-03	7.82E-03	4.28E-07	0.08893495	3.03E-02	1.12E-03	9.62E-04	1.71E-02	1.50E-03	3.97E-03	7.82E-03	6.28E-02
91	486533.18, 3855743.15	6.98E-02	1.33E-03	9.58E-04	1.99E-02	1.85E-03	9.42E-03	4.47E-07	0.10318293	3.49E-02	1.33E-03	9.58E-04	1.99E-02	1.85E-03	5.09E-03	9.42E-03	7.35E-02
92	486583.18, 3855743.15	6.83E-02	1.27E-03	9.48E-04	1.90E-02	1.75E-03	8.96E-03	4.37E-07	0.10021573	3.42E-02	1.27E-03	9.48E-04	1.90E-02	1.75E-03	4.76E-03	8.96E-03	7.09E-02
93	486633.18, 3855743.15	6.68E-02	1.22E-03	9.44E-04	1.84E-02	1.67E-03	8.65E-03	4.32E-07	0.0976372	3.35E-02	1.22E-03	9.44E-04	1.84E-02	1.67E-03	4.53E-03	8.65E-03	6.88E-02
94	486683.18, 3855743.15	6.52E-02	1.20E-03	9.46E-04	1.81E-02	1.63E-03	8.51E-03	4.35E-07	0.09559652	3.27E-02	1.20E-03	9.46E-04	1.81E-02	1.63E-03	4.42E-03	8.51E-03	6.75E-02
95	486733.18, 3855743.15	6.37E-02	1.16E-03	9.46E-04	1.78E-02	1.59E-03	8.32E-03	4.36E-07	0.09353098	3.19E-02	1.16E-03	9.46E-04	1.78E-02	1.59E-03	4.28E-03	8.32E-03	6.60E-02
96	486783.18, 3855743.15	6.22E-02	1.15E-03	9.53E-04	1.78E-02	1.57E-03	8.29E-03	4.43E-07	0.0919418	3.12E-02	1.15E-03	9.53E-04	1.78E-02	1.57E-03	4.24E-03	8.29E-03	6.52E-02
97	486533.18, 3855793.15	7.21E-02	1.38E-03	9.50E-04	2.07E-02	1.95E-03	1.00E-02	4.65E-07	0.10710262	3.61E-02	1.38E-03	9.50E-04	2.07E-02	1.95E-03	5.46E-03	1.00E-02	7.66E-02
98	486583.18, 3855793.15	7.06E-02	1.31E-03	9.36E-04	1.96E-02	1.82E-03	9.42E-03	4.49E-07	0.1036827	3.54E-02	1.31E-03	9.36E-04	1.96E-02	1.82E-03	5.04E-03	9.42E-03	7.35E-02

99	486633.18, 3855793.15	6.88E-02	1.27E-03	9.37E-04	1.93E-02	1.77E-03	9.24E-03	4.50E-07	0.10132082	3.45E-02	1.27E-03	9.37E-04	1.93E-02	1.77E-03	4.89E-03	9.24E-03	7.19E-02
100	486683.18, 3855793.15	6.71E-02	1.24E-03	9.40E-04	1.90E-02	1.73E-03	9.09E-03	4.53E-07	0.09912687	3.36E-02	1.24E-03	9.40E-04	1.90E-02	1.73E-03	4.77E-03	9.09E-03	7.04E-02
101	486733.18, 3855793.15	6.55E-02	1.21E-03	9.41E-04	1.87E-02	1.68E-03	8.91E-03	4.55E-07	0.09697005	3.28E-02	1.21E-03	9.41E-04	1.87E-02	1.68E-03	4.63E-03	8.91E-03	6.89E-02
102	486783.18, 3855793.15	6.40E-02	1.18E-03	9.43E-04	1.85E-02	1.64E-03	8.76E-03	4.58E-07	0.09498976	3.21E-02	1.18E-03	9.43E-04	1.85E-02	1.64E-03	4.51E-03	8.76E-03	6.76E-02
103	486533.18, 3855843.15	7.46E-02	1.43E-03	9.39E-04	2.14E-02	2.04E-03	1.06E-02	4.80E-07	0.11101719	3.74E-02	1.43E-03	9.39E-04	2.14E-02	2.04E-03	5.78E-03	1.06E-02	7.95E-02
104	486583.18, 3855843.15	7.29E-02	1.36E-03	9.29E-04	2.05E-02	1.92E-03	1.00E-02	4.67E-07	0.1076278	3.65E-02	1.36E-03	9.29E-04	2.05E-02	1.92E-03	5.40E-03	1.00E-02	7.66E-02
105	486633.18, 3855843.15	7.10E-02	1.32E-03	9.30E-04	2.02E-02	1.86E-03	9.83E-03	4.68E-07	0.10507002	3.55E-02	1.32E-03	9.30E-04	2.02E-02	1.86E-03	5.25E-03	9.83E-03	7.49E-02
106	486683.18, 3855843.15	6.91E-02	1.29E-03	9.32E-04	1.99E-02	1.82E-03	9.65E-03	4.70E-07	0.10269911	3.46E-02	1.29E-03	9.32E-04	1.99E-02	1.82E-03	5.11E-03	9.65E-03	7.33E-02
107	486733.18, 3855843.15	6.74E-02	1.26E-03	9.34E-04	1.96E-02	1.77E-03	9.49E-03	4.72E-07	0.10045846	3.38E-02	1.26E-03	9.34E-04	1.96E-02	1.77E-03	4.97E-03	9.49E-03	7.18E-02
108	486783.18, 3855843.15	6.58E-02	1.23E-03	9.35E-04	1.93E-02	1.72E-03	9.30E-03	4.75E-07	0.09829432	3.30E-02	1.23E-03	9.35E-04	1.93E-02	1.72E-03	4.83E-03	9.30E-03	7.03E-02
109	486533.18, 3855893.15	7.76E-02	1.48E-03	9.25E-04	2.18E-02	2.10E-03	1.10E-02	4.90E-07	0.11488881	3.88E-02	1.48E-03	9.25E-04	2.18E-02	2.10E-03	6.03E-03	1.10E-02	8.22E-02
110	486583.18, 3855893.15	7.53E-02	1.43E-03	9.25E-04	2.14E-02	2.03E-03	1.07E-02	4.88E-07	0.11186858	3.77E-02	1.43E-03	9.25E-04	2.14E-02	2.03E-03	5.83E-03	1.07E-02	8.01E-02
111	486633.18, 3855893.15	7.33E-02	1.38E-03	9.24E-04	2.10E-02	1.97E-03	1.04E-02	4.86E-07	0.10902469	3.67E-02	1.38E-03	9.24E-04	2.10E-02	1.97E-03	5.62E-03	1.04E-02	7.81E-02
112	486683.18, 3855893.15	7.13E-02	1.34E-03	9.25E-04	2.07E-02	1.91E-03	1.02E-02	4.87E-07	0.10642871	3.57E-02	1.34E-03	9.25E-04	2.07E-02	1.91E-03	5.46E-03	1.02E-02	7.63E-02
113	486733.18, 3855893.15	6.94E-02	1.31E-03	9.26E-04	2.04E-02	1.86E-03	1.01E-02	4.89E-07	0.10400241	3.48E-02	1.31E-03	9.26E-04	2.04E-02	1.86E-03	5.30E-03	1.01E-02	7.47E-02
114	486783.18, 3855893.15	6.77E-02	1.28E-03	9.29E-04	2.02E-02	1.82E-03	9.90E-03	4.93E-07	0.1017875	3.39E-02	1.28E-03	9.29E-04	2.02E-02	1.82E-03	5.17E-03	9.90E-03	7.32E-02
115	486533.18, 3855943.15	8.05E-02	1.55E-03	9.19E-04	2.27E-02	2.22E-03	1.16E-02	5.09E-07	0.1194774	4.03E-02	1.55E-03	9.19E-04	2.27E-02	2.22E-03	6.44E-03	1.16E-02	8.57E-02
116	486583.18, 3855943.15	7.79E-02	1.50E-03	9.21E-04	2.25E-02	2.16E-03	1.14E-02	5.10E-07	0.11638081	3.90E-02	1.50E-03	9.21E-04	2.25E-02	2.16E-03	6.28E-03	1.14E-02	8.38E-02
117	486633.18, 3855943.15	7.57E-02	1.45E-03	9.18E-04	2.20E-02	2.08E-03	1.11E-02	5.06E-07	0.11320221	3.79E-02	1.45E-03	9.18E-04	2.20E-02	2.08E-03	6.03E-03	1.11E-02	8.14E-02
118	486683.18, 3855943.15	7.35E-02	1.40E-03	9.20E-04	2.17E-02	2.03E-03	1.09E-02	5.07E-07	0.11045469	3.68E-02	1.40E-03	9.20E-04	2.17E-02	2.03E-03	5.86E-03	1.09E-02	7.96E-02
119	486733.18, 3855943.15	7.15E-02	1.36E-03	9.20E-04	2.13E-02	1.97E-03	1.06E-02	5.07E-07	0.10774631	3.59E-02	1.36E-03	9.20E-04	2.13E-02	1.97E-03	5.66E-03	1.06E-02	7.77E-02
120	486783.18, 3855943.15	6.96E-02	1.33E-03	9.22E-04	2.11E-02	1.92E-03	1.05E-02	5.11E-07	0.10537304	3.49E-02	1.33E-03	9.22E-04	2.11E-02	1.92E-03	5.52E-03	1.05E-02	7.62E-02
121	486533.18, 3855993.15	8.35E-02	1.64E-03	9.17E-04	2.38E-02	2.37E-03	1.24E-02	5.31E-07	0.12460463	4.17E-02	1.64E-03	9.17E-04	2.38E-02	2.37E-03	6.95E-03	1.24E-02	8.98E-02
122	486583.18, 3855993.15	8.07E-02	1.57E-03	9.15E-04	2.34E-02	2.29E-03	1.21E-02	5.30E-07	0.12101202	4.04E-02	1.57E-03	9.15E-04	2.34E-02	2.29E-03	6.71E-03	1.21E-02	8.74E-02
123	486633.18, 3855993.15	7.82E-02	1.52E-03	9.14E-04	2.30E-02	2.21E-03	1.18E-02	5.28E-07	0.1176574	3.92E-02	1.52E-03	9.14E-04	2.30E-02	2.21E-03	6.46E-03	1.18E-02	8.50E-02
124	486683.18, 3855993.15	7.59E-02	1.47E-03	9.14E-04	2.27E-02	2.15E-03	1.16E-02	5.28E-07	0.11465052	3.80E-02	1.47E-03	9.14E-04	2.27E-02	2.15E-03	6.27E-03	1.16E-02	8.30E-02
125	486733.18, 3855993.15	7.38E-02	1.42E-03	9.14E-04	2.23E-02	2.08E-03	1.13E-02	5.27E-07	0.11174432	3.70E-02	1.42E-03	9.14E-04	2.23E-02	2.08E-03	6.06E-03	1.13E-02	8.10E-02
126	486783.18, 3855993.15	7.17E-02	1.38E-03	9.15E-04	2.19E-02	2.02E-03	1.11E-02	5.29E-07	0.10907686	3.60E-02	1.38E-03	9.15E-04	2.19E-02	2.02E-03	5.87E-03	1.11E-02	7.92E-02
127	486533.18, 3856043.15	8.68E-02	1.73E-03	9.14E-04	2.48E-02	2.53E-03	1.32E-02	5.51E-07	0.13009044	4.34E-02	1.73E-03	9.14E-04	2.48E-02	2.53E-03	7.49E-03	1.32E-02	9.42E-02
128	486583.18, 3856043.15	8.37E-02	1.67E-03	9.13E-04	2.45E-02	2.45E-03	1.29E-02	5.53E-07	0.12618467	4.19E-02	1.67E-03	9.13E-04	2.45E-02	2.45E-03	7.23E-03	1.29E-02	9.16E-02
129	486633.18, 3856043.15	8.10E-02	1.60E-03	9.10E-04	2.40E-02	2.35E-03	1.25E-02	5.50E-07	0.12242369	4.06E-02	1.60E-03	9.10E-04	2.40E-02	2.35E-03	6.93E-03	1.25E-02	8.89E-02
130	486683.18, 3856043.15	7.84E-02	1.55E-03	9.11E-04	2.37E-02	2.29E-03	1.23E-02	5.50E-07	0.11914582	3.93E-02	1.55E-03	9.11E-04	2.37E-02	2.29E-03	6.72E-03	1.23E-02	8.67E-02
131	486733.18, 3856043.15	7.62E-02	1.49E-03	9.09E-04	2.32E-02	2.21E-03	1.20E-02	5.48E-07	0.11592826	3.82E-02	1.49E-03	9.09E-04	2.32E-02	2.21E-03	6.46E-03	1.20E-02	8.44E-02
132	486783.18, 3856043.15	7.39E-02	1.45E-03	9.11E-04	2.30E-02	2.15E-03	1.18E-02	5.51E-07	0.11314017	3.71E-02	1.45E-03	9.11E-04	2.30E-02	2.15E-03	6.29E-03	1.18E-02	8.26E-02
133	486533.18, 3856093.15	9.05E-02	1.85E-03	9.14E-04	2.61E-02	2.74E-03	1.42E-02	5.74E-07	0.13624733	4.52E-02	1.85E-03	9.14E-04	2.61E-02	2.74E-03	8.13E-03	1.42E-02	9.91E-02
134	486583.18, 3856093.15	8.71E-02	1.77E-03	9.11E-04	2.56E-02	2.63E-03	1.38E-02	5.74E-07	0.13174867	4.36E-02	1.77E-03	9.11E-04	2.56E-02	2.63E-03	7.78E-03	1.38E-02	9.60E-02
135	486633.18, 3856093.15	8.41E-02	1.69E-03	9.08E-04	2.51E-02	2.52E-03	1.34E-02	5.73E-07	0.12762619	4.21E-02	1.69E-03	9.08E-04	2.51E-02	2.52E-03	7.46E-03	1.34E-02	9.31E-02
136	486683.18, 3856093.15	8.12E-02	1.63E-03	9.07E-04	2.47E-02	2.44E-03	1.30E-02	5.73E-07	0.12395377	4.07E-02	1.63E-03	9.07E-04	2.47E-02	2.44E-03	7.20E-03	1.30E-02	9.06E-02
137	486733.18, 3856093.15	7.87E-02	1.57E-03	9.06E-04	2.42E-02	2.35E-03	1.27E-02	5.71E-07	0.12047912	3.94E-02	1.57E-03	9.06E-04	2.42E-02	2.35E-03	6.92E-03	1.27E-02	8.81E-02
138	486783.18, 3856093.15	7.63E-02	1.52E-03	9.06E-04	2.39E-02	2.28E-03	1.24E-02	5.72E-07	0.11736116	3.82E-02	1.52E-03	9.06E-04	2.39E-02	2.28E-03	6.70E-03	1.24E-02	8.60E-02
139	486533.18, 3856143.15	9.46E-02	1.99E-03	9.12E-04	2.73E-02	2.97E-03	1.52E-02	5.94E-07	0.14294955	4.73E-02	1.99E-03	9.12E-04	2.73E-02	2.97E-03	8.80E-03	1.52E-02	1.04E-01
140	486583.18, 3856143.15	9.09E-02	1.89E-03	9.08E-04	2.66E-02	2.82E-03	1.46E-02	5.94E-07	0.13777453	4.54E-02	1.89E-03	9.08E-04	2.66E-02	2.82E-03	8.36E-03	1.46E-02	1.01E-01
141	486633.18, 3856143.15	8.74E-02	1.80E-03	9.07E-04	2.62E-02	2.71E-03	1.42E-02	5.96E-07	0.13327939	4.37E-02	1.80E-03	9.07E-04	2.62E-02	2.71E-03	8.03E-03	1.42E-02	9.76E-02
142	486683.18, 3856143.15	8.43E-02	1.73E-03	9.05E-04	2.57E-02	2.61E-03	1.38E-02	5.96E-07	0.12912834	4.22E-02	1.73E-03	9.05E-04	2.57E-02	2.61E-03	7.70E-03	1.38E-02	9.47E-02
143	486733.18, 3856143.15	8.15E-02	1.66E-03	9.03E-04	2.53E-02	2.51E-03	1.35E-02	5.95E-07	0.12533431	4.08E-02	1.66E-03	9.03E-04	2.53E-02	2.51E-03	7.41E-03	1.35E-02	9.21E-02
144	486783.18, 3856143.15	7.88E-02	1.61E-03	9.05E-04	2.51E-02	2.44E-03	1.32E-02	5.97E-07	0.12201654	3.95E-02	1.61E-03	9.05E-04	2.51E-02	2.44E-03	7.19E-03	1.32E-02	8.99E-02
145	486533.18, 3856193.15	9.93E-02	2.16E-03	9.13E-04	2.86E-02	3.26E-03	1.63E-02	6.15E-07	0.15060141	4.96E-02	2.16E-03	9.13E-04	2.86E-02	3.26E-03	9.59E-03	1.63E-02	1.10E-01
146	486583.18, 3856193.15	9.51E-02	2.03E-03	9.08E-04	2.78E-02	3.07E-03	1.56E-02	6.15E-07	0.14458939	4.75E-02	2.03E-03	9.08E-04	2.78E-02	3.07E-03	9.04E-03	1.56E-02	1.06E-01
147	486633.18, 3856193.15	9.12E-02	1.93E-03	9.06E-04	2.73E-02	2.93E-03	1.52E-02	6.18E-07	0.13947653	4.56E-02	1.93E-03	9.06E-04	2.73E-02	2.93E-03	8.65E-03	1.52E-02	1.03E-01
148	486683.18, 3856193.15	8.76E-02	1.85E-03	9.05E-04	2.70E-02	2.82E-03	1.48E-02	6.22E-07	0.13497225	4.38E-02	1.85E-03	9.05E-04	2.70E-02	2.82E-03	8.33E-03	1.48E-02	9.95E-02
149	486733.18, 3856193.15	8.45E-02	1.77E-03	9.02E-04	2.65E-02	2.70E-03	1.43E-02	6.21E-07	0.13066938	4.23E-02	1.77E-03	9.02E-04	2.65E-02	2.70E-03	7.96E-03	1.43E-02	9.64E-02
150	486783.18, 3856193.15	8.16E-02	1.70E-03	9.03E-04	2.62E-02	2.60E-03	1.40E-02	6.23E-07	0.12696781	4.09E-02	1.70E-03	9.03E-04	2.62E-02	2.60E-03	7.70E-03	1.40E-02	9.40E-02
151	486533.18, 3856243.15	1.05E-01	2.36E-03	9.12E-04	2.99E-02	3.59E-03	1.75E-02	6.33E-07	0.15921882	5.24E-02	2.36E-03	9.12E-04	2.99E-02	3.59E-03	1.05E-02	1.75E-02	1.17E-01
152	486583.18, 3856243.15	9.98E-02	2.21E-03	9.09E-04	2.93E-02	3.38E-03	1.68E-02	6.38E-07	0.15242353	4.99E-02	2.21E-03	9.09E-04	2.93E-02	3.38E-03	9.87E-03	1.68E-02	1.12E-01

153	486633.18, 3856243.15	9.54E-02	2.08E-03	9.06E-04	2.86E-02	3.19E-03	1.62E-02	6.42E-07	0.14645916	4.77E-02	2.08E-03	9.06E-04	2.86E-02	3.19E-03	9.37E-03	1.62E-02	1.08E-01
154	486683.18, 3856243.15	9.14E-02	1.97E-03	9.04E-04	2.82E-02	3.04E-03	1.57E-02	6.45E-07	0.14122592	4.57E-02	1.97E-03	9.04E-04	2.82E-02	3.04E-03	8.95E-03	1.57E-02	1.04E-01
155	486733.18, 3856243.15	8.78E-02	1.88E-03	9.03E-04	2.78E-02	2.91E-03	1.53E-02	6.49E-07	0.13658558	4.40E-02	1.88E-03	9.03E-04	2.78E-02	2.91E-03	8.59E-03	1.53E-02	1.01E-01
156	486783.18, 3856243.15	8.47E-02	1.80E-03	9.01E-04	2.73E-02	2.78E-03	1.48E-02	6.49E-07	0.13225902	4.24E-02	1.80E-03	9.01E-04	2.73E-02	2.78E-03	8.23E-03	1.48E-02	9.82E-02
157	486533.18, 3856293.15	1.11E-01	2.60E-03	9.11E-04	3.14E-02	4.01E-03	1.90E-02	6.50E-07	0.16934667	5.56E-02	2.60E-03	9.11E-04	3.14E-02	4.01E-03	1.15E-02	1.90E-02	1.25E-01
158	486583.18, 3856293.15	1.05E-01	2.41E-03	9.08E-04	3.07E-02	3.73E-03	1.81E-02	6.57E-07	0.1612303	5.26E-02	2.41E-03	9.08E-04	3.07E-02	3.73E-03	1.08E-02	1.81E-02	1.19E-01
159	486633.18, 3856293.15	1.00E-01	2.25E-03	9.06E-04	3.00E-02	3.50E-03	1.74E-02	6.64E-07	0.15430171	5.01E-02	2.25E-03	9.06E-04	3.00E-02	3.50E-03	1.02E-02	1.74E-02	1.14E-01
160	486683.18, 3856293.15	9.57E-02	2.12E-03	9.04E-04	2.95E-02	3.30E-03	1.68E-02	6.69E-07	0.14827375	4.79E-02	2.12E-03	9.04E-04	2.95E-02	3.30E-03	9.69E-03	1.68E-02	1.10E-01
161	486733.18, 3856293.15	9.16E-02	2.02E-03	9.04E-04	2.91E-02	3.14E-03	1.63E-02	6.75E-07	0.1430413	4.58E-02	2.02E-03	9.04E-04	2.91E-02	3.14E-03	9.28E-03	1.63E-02	1.07E-01
162	486783.18, 3856293.15	8.80E-02	1.92E-03	9.02E-04	2.85E-02	2.99E-03	1.58E-02	6.76E-07	0.13816498	4.41E-02	1.92E-03	9.02E-04	2.85E-02	2.99E-03	8.85E-03	1.58E-02	1.03E-01
163	486783.18, 3856343.15	9.17E-02	2.05E-03	9.04E-04	3.00E-02	3.24E-03	1.69E-02	7.07E-07	0.14481018	4.59E-02	2.05E-03	9.04E-04	3.00E-02	3.24E-03	9.58E-03	1.69E-02	1.09E-01
164	486833.18, 3856343.15	8.81E-02	1.95E-03	9.02E-04	2.95E-02	3.07E-03	1.63E-02	7.09E-07	0.13988611	4.42E-02	1.95E-03	9.02E-04	2.95E-02	3.07E-03	9.14E-03	1.63E-02	1.05E-01
165	486883.18, 3856343.15	8.49E-02	1.86E-03	9.01E-04	2.90E-02	2.93E-03	1.58E-02	7.10E-07	0.135428	4.26E-02	1.86E-03	9.01E-04	2.90E-02	2.93E-03	8.73E-03	1.58E-02	1.02E-01
166	486783.18, 3856393.15	9.61E-02	2.20E-03	9.04E-04	3.13E-02	3.50E-03	1.79E-02	7.32E-07	0.15198336	4.81E-02	2.20E-03	9.04E-04	3.13E-02	3.50E-03	1.03E-02	1.79E-02	1.14E-01
167	486833.18, 3856393.15	9.20E-02	2.08E-03	9.03E-04	3.08E-02	3.30E-03	1.73E-02	7.37E-07	0.14641033	4.61E-02	2.08E-03	9.03E-04	3.08E-02	3.30E-03	9.82E-03	1.73E-02	1.10E-01
168	486883.18, 3856393.15	8.84E-02	1.97E-03	9.00E-04	3.02E-02	3.13E-03	1.67E-02	7.37E-07	0.14128729	4.43E-02	1.97E-03	9.00E-04	3.02E-02	3.13E-03	9.32E-03	1.67E-02	1.07E-01
169	487208.74, 3856886.11	1.31E-01	2.59E-03	9.23E-04	4.06E-02	4.21E-03	2.27E-02	1.14E-06	0.20234423	6.55E-02	2.59E-03	9.23E-04	4.06E-02	4.21E-03	1.31E-02	2.27E-02	1.50E-01
170	487258.74, 3856886.11	1.35E-01	2.42E-03	9.22E-04	3.94E-02	3.85E-03	2.14E-02	1.15E-06	0.20284912	6.72E-02	2.42E-03	9.22E-04	3.94E-02	3.85E-03	1.20E-02	2.14E-02	1.47E-01
171	487308.74, 3856886.11	1.35E-01	2.27E-03	9.20E-04	3.84E-02	3.55E-03	2.03E-02	1.15E-06	0.20041926	6.73E-02	2.27E-03	9.20E-04	3.84E-02	3.55E-03	1.11E-02	2.03E-02	1.44E-01
172	487358.74, 3856886.11	1.34E-01	2.15E-03	9.18E-04	3.73E-02	3.30E-03	1.93E-02	1.15E-06	0.19702631	6.68E-02	2.15E-03	9.18E-04	3.73E-02	3.30E-03	1.02E-02	1.93E-02	1.40E-01
173	487208.74, 3856936.11	1.44E-01	2.82E-03	9.28E-04	4.26E-02	4.48E-03	2.40E-02	1.18E-06	0.21892941	7.18E-02	2.82E-03	9.28E-04	4.26E-02	4.48E-03	1.41E-02	2.40E-02	1.61E-01
174	487258.74, 3856936.11	1.44E-01	2.61E-03	9.27E-04	4.13E-02	4.03E-03	2.24E-02	1.20E-06	0.2154793	7.18E-02	2.61E-03	9.27E-04	4.13E-02	4.03E-03	1.27E-02	2.24E-02	1.56E-01
175	487308.74, 3856936.11	1.43E-01	2.44E-03	9.27E-04	4.01E-02	3.67E-03	2.10E-02	1.21E-06	0.21136229	7.13E-02	2.44E-03	9.27E-04	4.01E-02	3.67E-03	1.15E-02	2.10E-02	1.51E-01
176	487358.74, 3856936.11	1.42E-01	2.29E-03	9.25E-04	3.90E-02	3.38E-03	1.98E-02	1.21E-06	0.20718833	7.06E-02	2.29E-03	9.25E-04	3.90E-02	3.38E-03	1.05E-02	1.98E-02	1.47E-01
177	487208.74, 3856986.11	1.51E-01	3.11E-03	9.31E-04	4.47E-02	4.51E-03	2.52E-02	1.21E-06	0.22924139	7.51E-02	3.11E-03	9.31E-04	4.47E-02	4.51E-03	1.50E-02	2.52E-02	1.69E-01
178	487258.74, 3856986.11	1.49E-01	2.85E-03	9.33E-04	4.33E-02	4.03E-03	2.31E-02	1.24E-06	0.22324638	7.42E-02	2.85E-03	9.33E-04	4.33E-02	4.03E-03	1.32E-02	2.31E-02	1.62E-01
179	487308.74, 3856986.11	1.48E-01	2.64E-03	9.33E-04	4.19E-02	3.69E-03	2.14E-02	1.26E-06	0.21815479	7.34E-02	2.64E-03	9.33E-04	4.19E-02	3.69E-03	1.17E-02	2.14E-02	1.56E-01
180	487358.74, 3856986.11	1.45E-01	2.46E-03	9.33E-04	4.08E-02	3.40E-03	2.01E-02	1.27E-06	0.21304674	7.24E-02	2.46E-03	9.33E-04	4.08E-02	3.40E-03	1.06E-02	2.01E-02	1.51E-01
181	487208.74, 3857036.11	1.57E-01	3.48E-03	9.33E-04	4.70E-02	4.31E-03	2.54E-02	1.23E-06	0.23765068	7.80E-02	3.48E-03	9.33E-04	4.70E-02	4.31E-03	1.49E-02	2.54E-02	1.74E-01
182	487258.74, 3857036.11	1.52E-01	3.14E-03	9.37E-04	4.54E-02	3.95E-03	2.30E-02	1.28E-06	0.2282691	7.56E-02	3.14E-03	9.37E-04	4.54E-02	3.95E-03	1.29E-02	2.30E-02	1.65E-01
183	487308.74, 3857036.11	1.50E-01	2.87E-03	9.40E-04	4.40E-02	3.65E-03	2.12E-02	1.31E-06	0.22243455	7.46E-02	2.87E-03	9.40E-04	4.40E-02	3.65E-03	1.13E-02	2.12E-02	1.59E-01
184	487358.74, 3857036.11	1.48E-01	2.66E-03	9.41E-04	4.27E-02	3.40E-03	1.98E-02	1.33E-06	0.21723873	7.36E-02	2.66E-03	9.41E-04	4.27E-02	3.40E-03	1.01E-02	1.98E-02	1.53E-01
185	487427.14, 3856878.23	1.28E-01	1.99E-03	9.17E-04	3.58E-02	2.99E-03	1.80E-02	1.14E-06	0.18803593	6.39E-02	1.99E-03	9.17E-04	3.58E-02	2.99E-03	9.22E-03	1.80E-02	1.33E-01
186	487477.14, 3856878.23	1.25E-01	1.90E-03	9.17E-04	3.50E-02	2.81E-03	1.73E-02	1.15E-06	0.18263928	6.22E-02	1.90E-03	9.17E-04	3.50E-02	2.81E-03	8.61E-03	1.73E-02	1.29E-01
187	487527.14, 3856878.23	1.19E-01	1.82E-03	9.17E-04	3.41E-02	2.66E-03	1.66E-02	1.15E-06	0.17505587	5.93E-02	1.82E-03	9.17E-04	3.41E-02	2.66E-03	8.07E-03	1.66E-02	1.24E-01
188	487427.14, 3856928.23	1.38E-01	2.10E-03	9.23E-04	3.73E-02	3.06E-03	1.84E-02	1.20E-06	0.19976802	6.87E-02	2.10E-03	9.23E-04	3.73E-02	3.06E-03	9.39E-03	1.84E-02	1.40E-01
189	487477.14, 3856928.23	1.35E-01	2.00E-03	9.22E-04	3.63E-02	2.88E-03	1.76E-02	1.20E-06	0.19514777	6.74E-02	2.00E-03	9.22E-04	3.63E-02	2.88E-03	8.71E-03	1.76E-02	1.36E-01
190	487527.14, 3856928.23	1.31E-01	1.91E-03	9.22E-04	3.54E-02	2.71E-03	1.68E-02	1.20E-06	0.18929257	6.55E-02	1.91E-03	9.22E-04	3.54E-02	2.71E-03	8.11E-03	1.68E-02	1.31E-01
191	487577.14, 3856928.23	1.28E-01	1.83E-03	9.22E-04	3.46E-02	2.57E-03	1.61E-02	1.21E-06	0.1843588	6.39E-02	1.83E-03	9.22E-04	3.46E-02	2.57E-03	7.57E-03	1.61E-02	1.28E-01
192	487627.14, 3856928.23	1.23E-01	1.76E-03	9.22E-04	3.37E-02	2.45E-03	1.55E-02	1.22E-06	0.1771162	6.12E-02	1.76E-03	9.22E-04	3.37E-02	2.45E-03	7.11E-03	1.55E-02	1.23E-01
193	487677.14, 3856928.23	1.19E-01	1.69E-03	9.24E-04	3.29E-02	2.34E-03	1.50E-02	1.23E-06	0.17149186	5.91E-02	1.69E-03	9.24E-04	3.29E-02	2.34E-03	6.68E-03	1.50E-02	1.19E-01
194	487727.14, 3856928.23	1.16E-01	1.64E-03	9.27E-04	3.22E-02	2.24E-03	1.45E-02	1.25E-06	0.16744969	5.78E-02	1.64E-03	9.27E-04	3.22E-02	2.24E-03	6.30E-03	1.45E-02	1.16E-01
195	487777.14, 3856928.23	1.14E-01	1.58E-03	9.30E-04	3.15E-02	2.15E-03	1.41E-02	1.26E-06	0.164333	5.69E-02	1.58E-03	9.30E-04	3.15E-02	2.15E-03	5.96E-03	1.41E-02	1.13E-01
196	487427.14, 3856978.23	1.42E-01	2.24E-03	9.30E-04	3.89E-02	3.09E-03	1.86E-02	1.26E-06	0.20611648	7.09E-02	2.24E-03	9.30E-04	3.89E-02	3.09E-03	9.36E-03	1.86E-02	1.44E-01
197	487477.14, 3856978.23	1.40E-01	2.12E-03	9.30E-04	3.78E-02	2.91E-03	1.76E-02	1.26E-06	0.20165743	6.98E-02	2.12E-03	9.30E-04	3.78E-02	2.91E-03	8.61E-03	1.76E-02	1.40E-01
198	487527.14, 3856978.23	1.38E-01	2.02E-03	9.29E-04	3.69E-02	2.75E-03	1.68E-02	1.26E-06	0.19745874	6.87E-02	2.02E-03	9.29E-04	3.69E-02	2.75E-03	7.97E-03	1.68E-02	1.36E-01
199	487577.14, 3856978.23	1.36E-01	1.93E-03	9.29E-04	3.59E-02	2.61E-03	1.62E-02	1.27E-06	0.1936925	6.78E-02	1.93E-03	9.29E-04	3.59E-02	2.61E-03	7.41E-03	1.62E-02	1.33E-01
200	487627.14, 3856978.23	1.34E-01	1.84E-03	9.28E-04	3.50E-02	2.49E-03	1.55E-02	1.27E-06	0.19002694	6.68E-02	1.84E-03	9.28E-04	3.50E-02	2.49E-03	6.94E-03	1.55E-02	1.30E-01
201	487677.14, 3856978.23	1.32E-01	1.77E-03	9.30E-04	3.41E-02	2.38E-03	1.50E-02	1.29E-06	0.1859249	6.56E-02	1.77E-03	9.30E-04	3.41E-02	2.38E-03	6.50E-03	1.50E-02	1.26E-01
202	487727.14, 3856978.23	1.30E-01	1.70E-03	9.28E-04	3.32E-02	2.28E-03	1.45E-02	1.29E-06	0.18243883	6.46E-02	1.70E-03	9.28E-04	3.32E-02	2.28E-03	6.14E-03	1.45E-02	1.23E-01
203	487777.14, 3856978.23	1.26E-01	1.65E-03	9.36E-04	3.26E-02	2.18E-03	1.41E-02	1.32E-06	0.17717498	6.26E-02	1.65E-03	9.36E-04	3.26E-02	2.18E-03	5.78E-03	1.41E-02	1.20E-01
204	487427.14, 3857028.23	1.45E-01	2.39E-03	9.39E-04	4.06E-02	3.11E-03	1.83E-02	1.33E-06	0.21020313	7.21E-02	2.39E-03	9.39E-04	4.06E-02	3.11E-03	8.98E-03	1.83E-02	1.47E-01
205	487477.14, 3857028.23	1.43E-01	2.25E-03	9.38E-04	3.95E-02	2.94E-03	1.74E-02	1.33E-06	0.20586231	7.11E-02	2.25E-03	9.38E-04	3.95E-02	2.94E-03	8.24E-03	1.74E-02	1.42E-01
206	487527.14, 3857028.23	1.41E-01	2.13E-03	9.37E-04	3.84E-02	2.79E-03	1.66E-02	1.33E-06	0.20188063	7.02E-02	2.13E-03	9.37E-04	3.84E-02	2.79E-03	7.61E-03	1.66E-02	1.39E-01

207	487577.14, 3857028.23	1.39E-01	2.03E-03	9.37E-04	3.73E-02	2.65E-03	1.60E-02	1.33E-06	0.1980216	6.93E-02	2.03E-03	9.37E-04	3.73E-02	2.65E-03	7.07E-03	1.60E-02	1.35E-01
208	487627.14, 3857028.23	1.38E-01	1.94E-03	9.35E-04	3.63E-02	2.53E-03	1.53E-02	1.33E-06	0.19454762	6.85E-02	1.94E-03	9.35E-04	3.63E-02	2.53E-03	6.62E-03	1.53E-02	1.32E-01
209	487677.14, 3857028.23	1.35E-01	1.86E-03	9.36E-04	3.54E-02	2.41E-03	1.48E-02	1.34E-06	0.19074898	6.74E-02	1.86E-03	9.36E-04	3.54E-02	2.41E-03	6.21E-03	1.48E-02	1.29E-01
210	487727.14, 3857028.23	1.33E-01	1.78E-03	9.39E-04	3.45E-02	2.31E-03	1.44E-02	1.36E-06	0.18669087	6.61E-02	1.78E-03	9.39E-04	3.45E-02	2.31E-03	5.84E-03	1.44E-02	1.26E-01
211	487777.14, 3857028.23	1.30E-01	1.72E-03	9.41E-04	3.37E-02	2.22E-03	1.39E-02	1.38E-06	0.18251429	6.47E-02	1.72E-03	9.41E-04	3.37E-02	2.22E-03	5.51E-03	1.39E-02	1.23E-01
212	487427.14, 3857078.23	1.47E-01	2.58E-03	9.48E-04	4.25E-02	3.17E-03	1.77E-02	1.40E-06	0.21355097	7.31E-02	2.58E-03	9.48E-04	4.25E-02	3.17E-03	8.26E-03	1.77E-02	1.48E-01
213	487477.14, 3857078.23	1.45E-01	2.41E-03	9.47E-04	4.12E-02	3.00E-03	1.69E-02	1.41E-06	0.20920861	7.21E-02	2.41E-03	9.47E-04	4.12E-02	3.00E-03	7.61E-03	1.69E-02	1.44E-01
214	487527.14, 3857078.23	1.43E-01	2.27E-03	9.46E-04	4.00E-02	2.84E-03	1.62E-02	1.41E-06	0.2050717	7.12E-02	2.27E-03	9.46E-04	4.00E-02	2.84E-03	7.05E-03	1.62E-02	1.40E-01
215	487577.14, 3857078.23	1.41E-01	2.15E-03	9.45E-04	3.88E-02	2.70E-03	1.56E-02	1.40E-06	0.20119099	7.02E-02	2.15E-03	9.45E-04	3.88E-02	2.70E-03	6.57E-03	1.56E-02	1.37E-01
216	487627.14, 3857078.23	1.39E-01	2.04E-03	9.45E-04	3.77E-02	2.58E-03	1.50E-02	1.40E-06	0.19755666	6.94E-02	2.04E-03	9.45E-04	3.77E-02	2.58E-03	6.16E-03	1.50E-02	1.34E-01
217	487677.14, 3857078.23	1.37E-01	1.95E-03	9.45E-04	3.67E-02	2.46E-03	1.45E-02	1.41E-06	0.1938323	6.84E-02	1.95E-03	9.45E-04	3.67E-02	2.46E-03	5.79E-03	1.45E-02	1.31E-01
218	487727.14, 3857078.23	1.35E-01	1.87E-03	9.46E-04	3.57E-02	2.36E-03	1.41E-02	1.42E-06	0.19002277	6.72E-02	1.87E-03	9.46E-04	3.57E-02	2.36E-03	5.46E-03	1.41E-02	1.28E-01
219	487777.14, 3857078.23	1.33E-01	1.80E-03	9.47E-04	3.48E-02	2.26E-03	1.37E-02	1.44E-06	0.1862485	6.61E-02	1.80E-03	9.47E-04	3.48E-02	2.26E-03	5.18E-03	1.37E-02	1.25E-01
220	487427.14, 3857128.23	1.48E-01	2.80E-03	9.56E-04	4.45E-02	3.28E-03	1.69E-02	1.47E-06	0.21679492	7.40E-02	2.80E-03	9.56E-04	4.45E-02	3.28E-03	7.30E-03	1.69E-02	1.50E-01
221	487477.14, 3857128.23	1.46E-01	2.60E-03	9.56E-04	4.30E-02	3.10E-03	1.62E-02	1.48E-06	0.21230389	7.30E-02	2.60E-03	9.56E-04	4.30E-02	3.10E-03	6.79E-03	1.62E-02	1.46E-01
222	487527.14, 3857128.23	1.45E-01	2.43E-03	9.55E-04	4.16E-02	2.94E-03	1.56E-02	1.48E-06	0.20814036	7.21E-02	2.43E-03	9.55E-04	4.16E-02	2.94E-03	6.34E-03	1.56E-02	1.42E-01
223	487577.14, 3857128.23	1.43E-01	2.29E-03	9.55E-04	4.04E-02	2.79E-03	1.51E-02	1.48E-06	0.20411297	7.11E-02	2.29E-03	9.55E-04	4.04E-02	2.79E-03	5.95E-03	1.51E-02	1.38E-01
224	487627.14, 3857128.23	1.41E-01	2.17E-03	9.54E-04	3.92E-02	2.65E-03	1.46E-02	1.48E-06	0.20023689	7.01E-02	2.17E-03	9.54E-04	3.92E-02	2.65E-03	5.60E-03	1.46E-02	1.35E-01
225	487677.14, 3857128.23	1.39E-01	2.06E-03	9.53E-04	3.80E-02	2.53E-03	1.42E-02	1.48E-06	0.19665226	6.92E-02	2.06E-03	9.53E-04	3.80E-02	2.53E-03	5.30E-03	1.42E-02	1.32E-01
226	487727.14, 3857128.23	1.37E-01	1.97E-03	9.55E-04	3.70E-02	2.42E-03	1.38E-02	1.50E-06	0.19277049	6.81E-02	1.97E-03	9.55E-04	3.70E-02	2.42E-03	5.02E-03	1.38E-02	1.29E-01
227	487777.14, 3857128.23	1.35E-01	1.89E-03	9.55E-04	3.60E-02	2.32E-03	1.34E-02	1.51E-06	0.18911936	6.70E-02	1.89E-03	9.55E-04	3.60E-02	2.32E-03	4.78E-03	1.34E-02	1.26E-01
228	488049.44, 3856539.39	5.37E-02	1.11E-03	9.05E-04	2.27E-02	1.54E-03	1.09E-02	9.99E-07	0.0908699	2.72E-02	1.11E-03	9.05E-04	2.27E-02	1.54E-03	4.51E-03	1.09E-02	6.89E-02
229	488099.44, 3856539.39	5.29E-02	1.09E-03	9.02E-04	2.23E-02	1.50E-03	1.07E-02	1.00E-06	0.08934842	2.68E-02	1.09E-03	9.02E-04	2.23E-02	1.50E-03	4.38E-03	1.07E-02	6.76E-02
230	488149.44, 3856539.39	5.21E-02	1.07E-03	9.01E-04	2.19E-02	1.46E-03	1.05E-02	1.01E-06	0.08790628	2.64E-02	1.07E-03	9.01E-04	2.19E-02	1.46E-03	4.24E-03	1.05E-02	6.65E-02
231	488049.44, 3856589.39	5.54E-02	1.14E-03	9.07E-04	2.33E-02	1.57E-03	1.12E-02	1.04E-06	0.09351215	2.81E-02	1.14E-03	9.07E-04	2.33E-02	1.57E-03	4.60E-03	1.12E-02	7.08E-02
232	488099.44, 3856589.39	5.45E-02	1.11E-03	9.04E-04	2.29E-02	1.53E-03	1.09E-02	1.04E-06	0.09192452	2.76E-02	1.11E-03	9.04E-04	2.29E-02	1.53E-03	4.45E-03	1.09E-02	6.95E-02
233	488149.44, 3856589.39	5.37E-02	1.09E-03	9.02E-04	2.25E-02	1.49E-03	1.07E-02	1.05E-06	0.09038182	2.72E-02	1.09E-03	9.02E-04	2.25E-02	1.49E-03	4.31E-03	1.07E-02	6.82E-02
234	488199.44, 3856589.39	5.28E-02	1.07E-03	8.99E-04	2.21E-02	1.45E-03	1.05E-02	1.06E-06	0.08888038	2.68E-02	1.07E-03	8.99E-04	2.21E-02	1.45E-03	4.18E-03	1.05E-02	6.70E-02
235	488249.44, 3856589.39	5.19E-02	1.06E-03	9.00E-04	2.19E-02	1.41E-03	1.03E-02	1.07E-06	0.08747027	2.63E-02	1.06E-03	9.00E-04	2.19E-02	1.41E-03	4.05E-03	1.03E-02	6.59E-02
236	488049.44, 3856639.39	5.76E-02	1.16E-03	9.09E-04	2.40E-02	1.60E-03	1.14E-02	1.08E-06	0.09669821	2.92E-02	1.16E-03	9.09E-04	2.40E-02	1.60E-03	4.67E-03	1.14E-02	7.29E-02
237	488099.44, 3856639.39	5.67E-02	1.14E-03	9.06E-04	2.35E-02	1.56E-03	1.12E-02	1.09E-06	0.09496289	2.87E-02	1.14E-03	9.06E-04	2.35E-02	1.56E-03	4.52E-03	1.12E-02	7.15E-02
238	488149.44, 3856639.39	5.57E-02	1.12E-03	9.04E-04	2.31E-02	1.52E-03	1.09E-02	1.09E-06	0.09327083	2.82E-02	1.12E-03	9.04E-04	2.31E-02	1.52E-03	4.37E-03	1.09E-02	7.02E-02
239	488199.44, 3856639.39	5.47E-02	1.10E-03	9.02E-04	2.28E-02	1.48E-03	1.07E-02	1.10E-06	0.09164225	2.77E-02	1.10E-03	9.02E-04	2.28E-02	1.48E-03	4.22E-03	1.07E-02	6.89E-02
240	488249.44, 3856639.39	5.37E-02	1.08E-03	9.01E-04	2.24E-02	1.44E-03	1.05E-02	1.11E-06	0.09005777	2.72E-02	1.08E-03	9.01E-04	2.24E-02	1.44E-03	4.09E-03	1.05E-02	6.76E-02
241	488299.44, 3856639.39	5.28E-02	1.06E-03	9.00E-04	2.20E-02	1.40E-03	1.03E-02	1.12E-06	0.08850896	2.68E-02	1.06E-03	9.00E-04	2.20E-02	1.40E-03	3.96E-03	1.03E-02	6.64E-02
242	488349.44, 3856639.39	5.19E-02	1.05E-03	8.97E-04	2.17E-02	1.37E-03	1.01E-02	1.13E-06	0.08702127	2.63E-02	1.05E-03	8.97E-04	2.17E-02	1.37E-03	3.84E-03	1.01E-02	6.53E-02
243	488399.44, 3856639.39	5.10E-02	1.03E-03	8.98E-04	2.14E-02	1.34E-03	9.96E-03	1.15E-06	0.08558241	2.59E-02	1.03E-03	8.98E-04	2.14E-02	1.34E-03	3.72E-03	9.96E-03	6.42E-02
244	488099.44, 3856689.39	5.95E-02	1.17E-03	9.10E-04	2.42E-02	1.59E-03	1.14E-02	1.13E-06	0.09879602	3.01E-02	1.17E-03	9.10E-04	2.42E-02	1.59E-03	4.56E-03	1.14E-02	7.39E-02
245	488149.44, 3856689.39	5.83E-02	1.15E-03	9.07E-04	2.38E-02	1.54E-03	1.11E-02	1.14E-06	0.0967735	2.95E-02	1.15E-03	9.07E-04	2.38E-02	1.54E-03	4.40E-03	1.11E-02	7.24E-02
246	488199.44, 3856689.39	5.70E-02	1.13E-03	9.05E-04	2.34E-02	1.50E-03	1.09E-02	1.15E-06	0.09484955	2.89E-02	1.13E-03	9.05E-04	2.34E-02	1.50E-03	4.25E-03	1.09E-02	7.09E-02
247	488249.44, 3856689.39	5.59E-02	1.10E-03	9.03E-04	2.30E-02	1.46E-03	1.07E-02	1.16E-06	0.09299443	2.83E-02	1.10E-03	9.03E-04	2.30E-02	1.46E-03	4.11E-03	1.07E-02	6.95E-02
248	488299.44, 3856689.39	5.47E-02	1.09E-03	9.02E-04	2.26E-02	1.43E-03	1.05E-02	1.17E-06	0.09124975	2.77E-02	1.09E-03	9.02E-04	2.26E-02	1.43E-03	3.97E-03	1.05E-02	6.82E-02
249	488349.44, 3856689.39	5.37E-02	1.07E-03	9.00E-04	2.22E-02	1.39E-03	1.03E-02	1.18E-06	0.08956493	2.72E-02	1.07E-03	9.00E-04	2.22E-02	1.39E-03	3.85E-03	1.03E-02	6.69E-02
250	488399.44, 3856689.39	5.28E-02	1.05E-03	8.96E-04	2.18E-02	1.36E-03	1.01E-02	1.18E-06	0.0879404	2.67E-02	1.05E-03	8.96E-04	2.18E-02	1.36E-03	3.73E-03	1.01E-02	6.57E-02
251	488099.44, 3856739.39	6.34E-02	1.20E-03	9.16E-04	2.49E-02	1.62E-03	1.16E-02	1.18E-06	0.10355287	3.20E-02	1.20E-03	9.16E-04	2.49E-02	1.62E-03	4.58E-03	1.16E-02	7.68E-02
252	488149.44, 3856739.39	6.15E-02	1.17E-03	9.12E-04	2.44E-02	1.57E-03	1.13E-02	1.18E-06	0.10088028	3.11E-02	1.17E-03	9.12E-04	2.44E-02	1.57E-03	4.41E-03	1.13E-02	7.49E-02
253	488199.44, 3856739.39	5.98E-02	1.15E-03	9.11E-04	2.40E-02	1.53E-03	1.11E-02	1.20E-06	0.09845804	3.02E-02	1.15E-03	9.11E-04	2.40E-02	1.53E-03	4.26E-03	1.11E-02	7.32E-02
254	488249.44, 3856739.39	5.83E-02	1.13E-03	9.08E-04	2.36E-02	1.49E-03	1.08E-02	1.20E-06	0.09624813	2.95E-02	1.13E-03	9.08E-04	2.36E-02	1.49E-03	4.11E-03	1.08E-02	7.15E-02
255	488299.44, 3856739.39	5.70E-02	1.11E-03	9.03E-04	2.31E-02	1.45E-03	1.06E-02	1.21E-06	0.09420141	2.89E-02	1.11E-03	9.03E-04	2.31E-02	1.45E-03	3.97E-03	1.06E-02	7.00E-02
256	488349.44, 3856739.39	5.57E-02	1.09E-03	9.04E-04	2.28E-02	1.41E-03	1.04E-02	1.22E-06	0.09229037	2.82E-02	1.09E-03	9.04E-04	2.28E-02	1.41E-03	3.84E-03	1.04E-02	6.86E-02
257	488399.44, 3856739.39	5.44E-02	1.08E-03	9.05E-04	2.24E-02	1.37E-03	1.03E-02	1.24E-06	0.09047405	2.76E-02	1.08E-03	9.05E-04	2.24E-02	1.37E-03	3.71E-03	1.03E-02	6.73E-02
258	487999.44, 3856789.39	7.58E-02	1.28E-03	9.24E-04	2.65E-02	1.75E-03	1.23E-02	1.20E-06	0.11852569	3.81E-02	1.28E-03	9.24E-04	2.65E-02	1.75E-03	4.96E-03	1.23E-02	8.58E-02
259	488049.44, 3856789.39	7.10E-02	1.25E-03	9.22E-04	2.60E-02	1.70E-03	1.20E-02	1.21E-06	0.11286351	3.58E-02	1.25E-03	9.22E-04	2.60E-02	1.70E-03	4.76E-03	1.20E-02	8.24E-02
260	488099.44, 3856789.39	6.76E-02	1.23E-03	9.21E-04	2.55E-02	1.64E-03	1.17E-02	1.23E-06	0.108619	3.41E-02	1.23E-03	9.21E-04	2.55E-02	1.64E-03	4.57E-03	1.17E-02	7.97E-02

261	488149.44, 3856789.39	6.50E-02	1.20E-03	9.17E-04	2.51E-02	1.60E-03	1.14E-02	1.23E-06	0.10518838	3.28E-02	1.20E-03	9.17E-04	2.51E-02	1.60E-03	4.40E-03	1.14E-02	7.74E-02
262	488199.44, 3856789.39	6.28E-02	1.18E-03	9.16E-04	2.46E-02	1.55E-03	1.12E-02	1.24E-06	0.10225542	3.17E-02	1.18E-03	9.16E-04	2.46E-02	1.55E-03	4.24E-03	1.12E-02	7.54E-02
263	488249.44, 3856789.39	6.09E-02	1.16E-03	9.13E-04	2.42E-02	1.51E-03	1.10E-02	1.25E-06	0.09965011	3.08E-02	1.16E-03	9.13E-04	2.42E-02	1.51E-03	4.09E-03	1.10E-02	7.36E-02
264	488299.44, 3856789.39	5.94E-02	1.14E-03	9.09E-04	2.37E-02	1.47E-03	1.07E-02	1.26E-06	0.09729231	3.00E-02	1.14E-03	9.09E-04	2.37E-02	1.47E-03	3.95E-03	1.07E-02	7.19E-02
265	488349.44, 3856789.39	5.78E-02	1.12E-03	9.10E-04	2.33E-02	1.43E-03	1.05E-02	1.28E-06	0.0951034	2.92E-02	1.12E-03	9.10E-04	2.33E-02	1.43E-03	3.81E-03	1.05E-02	7.04E-02
266	488399.44, 3856789.39	5.63E-02	1.10E-03	9.09E-04	2.30E-02	1.39E-03	1.04E-02	1.29E-06	0.09306208	2.85E-02	1.10E-03	9.09E-04	2.30E-02	1.39E-03	3.68E-03	1.04E-02	6.89E-02
267	487949.44, 3856839.39	8.86E-02	1.35E-03	9.30E-04	2.78E-02	1.84E-03	1.27E-02	1.23E-06	0.13320064	4.44E-02	1.35E-03	9.30E-04	2.78E-02	1.84E-03	5.15E-03	1.27E-02	9.41E-02
268	487999.44, 3856839.39	8.10E-02	1.32E-03	9.29E-04	2.72E-02	1.78E-03	1.24E-02	1.24E-06	0.12466227	4.07E-02	1.32E-03	9.29E-04	2.72E-02	1.78E-03	4.93E-03	1.24E-02	8.92E-02
269	488049.44, 3856839.39	7.56E-02	1.29E-03	9.27E-04	2.67E-02	1.72E-03	1.21E-02	1.26E-06	0.11830729	3.80E-02	1.29E-03	9.27E-04	2.67E-02	1.72E-03	4.73E-03	1.21E-02	8.55E-02
270	488099.44, 3856839.39	7.15E-02	1.26E-03	9.25E-04	2.62E-02	1.67E-03	1.18E-02	1.27E-06	0.11339943	3.60E-02	1.26E-03	9.25E-04	2.62E-02	1.67E-03	4.54E-03	1.18E-02	8.24E-02
271	488149.44, 3856839.39	6.84E-02	1.24E-03	9.24E-04	2.57E-02	1.62E-03	1.15E-02	1.28E-06	0.10942218	3.45E-02	1.24E-03	9.24E-04	2.57E-02	1.62E-03	4.36E-03	1.15E-02	7.99E-02
272	488199.44, 3856839.39	6.58E-02	1.21E-03	9.22E-04	2.53E-02	1.57E-03	1.13E-02	1.30E-06	0.10602804	3.32E-02	1.21E-03	9.22E-04	2.53E-02	1.57E-03	4.19E-03	1.13E-02	7.77E-02
273	487949.44, 3856889.39	9.42E-02	1.39E-03	9.34E-04	2.86E-02	1.87E-03	1.28E-02	1.28E-06	0.13967558	4.71E-02	1.39E-03	9.34E-04	2.86E-02	1.87E-03	5.09E-03	1.28E-02	9.77E-02
274	487999.44, 3856889.39	8.57E-02	1.36E-03	9.35E-04	2.80E-02	1.81E-03	1.25E-02	1.30E-06	0.13030339	4.30E-02	1.36E-03	9.35E-04	2.80E-02	1.81E-03	4.86E-03	1.25E-02	9.24E-02
275	488049.44, 3856889.39	7.99E-02	1.33E-03	9.32E-04	2.74E-02	1.75E-03	1.21E-02	1.31E-06	0.12343747	4.01E-02	1.33E-03	9.32E-04	2.74E-02	1.75E-03	4.66E-03	1.21E-02	8.84E-02
276	488099.44, 3856889.39	7.53E-02	1.30E-03	9.32E-04	2.69E-02	1.69E-03	1.19E-02	1.32E-06	0.11798824	3.79E-02	1.30E-03	9.32E-04	2.69E-02	1.69E-03	4.46E-03	1.19E-02	8.51E-02
277	488635.86, 3857895.05	7.99E-02	2.08E-03	1.37E-03	3.04E-02	1.17E-03	2.34E-02	8.51E-06	0.13832369	4.10E-02	2.08E-03	1.37E-03	3.04E-02	1.17E-03	1.14E-03	2.34E-02	1.01E-01
278	489137.64, 3857804.15	6.13E-02	1.43E-03	1.27E-03	2.28E-02	9.31E-04	1.45E-02	7.03E-06	0.10224498	3.14E-02	1.43E-03	1.27E-03	2.28E-02	9.31E-04	1.12E-03	1.45E-02	7.35E-02
279	488617.32, 3857859.41	7.87E-02	2.03E-03	1.33E-03	3.06E-02	1.21E-03	2.29E-02	6.90E-06	0.13672312	4.04E-02	2.03E-03	1.33E-03	3.06E-02	1.21E-03	1.18E-03	2.29E-02	9.96E-02
280	488667.32, 3857859.41	7.63E-02	1.95E-03	1.34E-03	2.96E-02	1.17E-03	2.17E-02	7.18E-06	0.13215172	3.92E-02	1.95E-03	1.34E-03	2.96E-02	1.17E-03	1.17E-03	2.17E-02	9.62E-02
281	488717.32, 3857859.41	7.43E-02	1.88E-03	1.34E-03	2.88E-02	1.13E-03	2.06E-02	7.42E-06	0.12799945	3.81E-02	1.88E-03	1.34E-03	2.88E-02	1.13E-03	1.15E-03	2.06E-02	9.30E-02
282	488767.32, 3857859.41	7.24E-02	1.82E-03	1.35E-03	2.79E-02	1.10E-03	1.96E-02	7.67E-06	0.12421433	3.72E-02	1.82E-03	1.35E-03	2.79E-02	1.10E-03	1.14E-03	1.96E-02	9.01E-02
283	488617.32, 3857909.41	8.19E-02	2.14E-03	1.38E-03	3.08E-02	1.18E-03	2.42E-02	9.17E-06	0.14162851	4.20E-02	2.14E-03	1.38E-03	3.08E-02	1.18E-03	1.13E-03	2.42E-02	1.03E-01
284	488667.32, 3857909.41	7.93E-02	2.06E-03	1.40E-03	2.98E-02	1.14E-03	2.27E-02	9.45E-06	0.13637941	4.07E-02	2.06E-03	1.40E-03	2.98E-02	1.14E-03	1.11E-03	2.27E-02	9.89E-02
285	488717.32, 3857909.41	7.72E-02	1.98E-03	1.39E-03	2.90E-02	1.11E-03	2.13E-02	9.64E-06	0.13189808	3.97E-02	1.98E-03	1.39E-03	2.90E-02	1.11E-03	1.09E-03	2.13E-02	9.55E-02
286	488767.32, 3857909.41	7.53E-02	1.91E-03	1.41E-03	2.81E-02	1.07E-03	2.02E-02	9.77E-06	0.12786948	3.87E-02	1.91E-03	1.41E-03	2.81E-02	1.07E-03	1.08E-03	2.02E-02	9.24E-02
287	488417.32, 3857959.41	1.03E-01	2.77E-03	1.42E-03	3.60E-02	1.32E-03	3.51E-02	1.10E-05	0.17993949	5.29E-02	2.77E-03	1.42E-03	3.60E-02	1.32E-03	1.19E-03	3.51E-02	1.31E-01
288	488467.32, 3857959.41	9.76E-02	2.62E-03	1.43E-03	3.46E-02	1.27E-03	3.16E-02	1.18E-05	0.16919979	5.00E-02	2.62E-03	1.43E-03	3.46E-02	1.27E-03	1.14E-03	3.16E-02	1.23E-01
289	488517.32, 3857959.41	9.29E-02	2.49E-03	1.44E-03	3.34E-02	1.23E-03	2.87E-02	1.24E-05	0.16015135	4.77E-02	2.49E-03	1.44E-03	3.34E-02	1.23E-03	1.11E-03	2.87E-02	1.16E-01
290	488567.32, 3857959.41	8.90E-02	2.37E-03	1.44E-03	3.22E-02	1.18E-03	2.63E-02	1.28E-05	0.15248486	4.57E-02	2.37E-03	1.44E-03	3.22E-02	1.18E-03	1.08E-03	2.63E-02	1.10E-01
291	488617.32, 3857959.41	8.58E-02	2.27E-03	1.44E-03	3.11E-02	1.15E-03	2.43E-02	1.30E-05	0.14598414	4.41E-02	2.27E-03	1.44E-03	3.11E-02	1.15E-03	1.06E-03	2.43E-02	1.05E-01
292	488667.32, 3857959.41	8.30E-02	2.17E-03	1.45E-03	3.01E-02	1.11E-03	2.26E-02	1.30E-05	0.14042311	4.27E-02	2.17E-03	1.45E-03	3.01E-02	1.11E-03	1.04E-03	2.26E-02	1.01E-01
293	488717.32, 3857959.41	8.07E-02	2.09E-03	1.45E-03	2.91E-02	1.08E-03	2.12E-02	1.29E-05	0.13564299	4.15E-02	2.09E-03	1.45E-03	2.91E-02	1.08E-03	1.03E-03	2.12E-02	9.74E-02
294	488767.32, 3857959.41	7.89E-02	2.01E-03	1.46E-03	2.82E-02	1.05E-03	2.00E-02	1.27E-05	0.13162976	4.06E-02	2.01E-03	1.46E-03	2.82E-02	1.05E-03	1.01E-03	2.00E-02	9.43E-02
295	488417.32, 3858009.41	1.12E-01	3.00E-03	1.48E-03	3.65E-02	1.29E-03	3.27E-02	2.08E-05	0.18718042	5.73E-02	3.00E-03	1.48E-03	3.65E-02	1.29E-03	1.09E-03	3.27E-02	1.33E-01
296	488467.32, 3858009.41	1.05E-01	2.82E-03	1.49E-03	3.51E-02	1.24E-03	2.95E-02	2.12E-05	0.17486351	5.37E-02	2.82E-03	1.49E-03	3.51E-02	1.24E-03	1.05E-03	2.95E-02	1.25E-01
297	488517.32, 3858009.41	9.90E-02	2.67E-03	1.49E-03	3.37E-02	1.20E-03	2.69E-02	2.07E-05	0.16490962	5.08E-02	2.67E-03	1.49E-03	3.37E-02	1.20E-03	1.02E-03	2.69E-02	1.18E-01
298	488567.32, 3858009.41	9.43E-02	2.54E-03	1.50E-03	3.24E-02	1.16E-03	2.47E-02	1.99E-05	0.15673306	4.85E-02	2.54E-03	1.50E-03	3.24E-02	1.16E-03	9.95E-04	2.47E-02	1.12E-01
299	488617.32, 3858009.41	9.06E-02	2.41E-03	1.50E-03	3.13E-02	1.13E-03	2.30E-02	1.90E-05	0.14999901	4.66E-02	2.41E-03	1.50E-03	3.13E-02	1.13E-03	9.78E-04	2.30E-02	1.07E-01
300	488667.32, 3858009.41	8.77E-02	2.30E-03	1.50E-03	3.02E-02	1.09E-03	2.16E-02	1.82E-05	0.14437033	4.51E-02	2.30E-03	1.50E-03	3.02E-02	1.09E-03	9.65E-04	2.16E-02	1.03E-01
301	488717.32, 3858009.41	8.54E-02	2.21E-03	1.51E-03	2.92E-02	1.06E-03	2.03E-02	1.73E-05	0.13971039	4.39E-02	2.21E-03	1.51E-03	2.92E-02	1.06E-03	9.53E-04	2.03E-02	9.92E-02
302	488767.32, 3858009.41	8.38E-02	2.12E-03	1.51E-03	2.82E-02	1.03E-03	1.93E-02	1.66E-05	0.1360641	4.31E-02	2.12E-03	1.51E-03	2.82E-02	1.03E-03	9.44E-04	1.93E-02	9.62E-02
303	488417.32, 3858059.41	1.24E-01	3.27E-03	1.55E-03	3.71E-02	1.28E-03	2.71E-02	4.91E-05	0.19473069	6.35E-02	3.27E-03	1.55E-03	3.71E-02	1.28E-03	9.59E-04	2.71E-02	1.35E-01
304	488467.32, 3858059.41	1.14E-01	3.06E-03	1.55E-03	3.55E-02	1.23E-03	2.52E-02	4.05E-05	0.18085348	5.85E-02	3.06E-03	1.55E-03	3.55E-02	1.23E-03	9.36E-04	2.52E-02	1.26E-01
305	488517.32, 3858059.41	1.07E-01	2.88E-03	1.56E-03	3.40E-02	1.19E-03	2.36E-02	3.46E-05	0.17011921	5.48E-02	2.88E-03	1.56E-03	3.40E-02	1.19E-03	9.17E-04	2.36E-02	1.19E-01
306	488567.32, 3858059.41	1.01E-01	2.72E-03	1.56E-03	3.27E-02	1.15E-03	2.22E-02	3.03E-05	0.16153646	5.20E-02	2.72E-03	1.56E-03	3.27E-02	1.15E-03	9.03E-04	2.22E-02	1.13E-01
307	488617.32, 3858059.41	9.69E-02	2.59E-03	1.57E-03	3.14E-02	1.11E-03	2.10E-02	2.71E-05	0.15460925	4.98E-02	2.59E-03	1.57E-03	3.14E-02	1.11E-03	8.91E-04	2.10E-02	1.08E-01
308	488667.32, 3858059.41	9.37E-02	2.46E-03	1.57E-03	3.03E-02	1.08E-03	2.00E-02	2.46E-05	0.1491598	4.82E-02	2.46E-03	1.57E-03	3.03E-02	1.08E-03	8.84E-04	2.00E-02	1.04E-01
309	488417.32, 3858109.41	1.44E-01	3.59E-03	1.61E-03	3.77E-02	1.28E-03	2.23E-02	8.92E-05	0.21062063	7.33E-02	3.59E-03	1.61E-03	3.77E-02	1.28E-03	8.48E-04	2.23E-02	1.41E-01
310	488467.32, 3858109.41	1.28E-01	3.34E-03	1.62E-03	3.59E-02	1.23E-03	2.15E-02	6.47E-05	0.19192348	6.55E-02	3.34E-03	1.62E-03	3.59E-02	1.23E-03	8.37E-04	2.15E-02	1.30E-01
311	488517.32, 3858109.41	1.18E-01	3.13E-03	1.63E-03	3.43E-02	1.19E-03	2.06E-02	5.07E-05	0.17871929	6.03E-02	3.13E-03	1.63E-03	3.43E-02	1.19E-03	8.26E-04	2.06E-02	1.22E-01
312	488567.32, 3858109.41	1.10E-01	2.94E-03	1.63E-03	3.29E-02	1.15E-03	1.99E-02	4.20E-05	0.16895934	5.67E-02	2.94E-03	1.63E-03	3.29E-02	1.15E-03	8.19E-04	1.99E-02	1.16E-01
313	488617.32, 3858109.41	1.05E-01	2.78E-03	1.64E-03	3.15E-02	1.11E-03	1.92E-02	3.59E-05	0.16162307	5.41E-02	2.78E-03	1.64E-03	3.15E-02	1.11E-03	8.12E-04	1.92E-02	1.11E-01
314	488667.32, 3858109.41	1.02E-01	2.63E-03	1.64E-03	3.03E-02	1.07E-03	1.85E-02	3.16E-05	0.1565992	5.26E-02	2.63E-03	1.64E-03	3.03E-02	1.07E-03	8.09E-04	1.85E-02	1.08E-01

315	488769.93, 3858449.27	1.24E-01	4.17E-03	2.53E-03	2.29E-02	1.20E-03	1.66E-02	9.65E-05	0.17118548	6.45E-02	4.17E-03	2.53E-03	2.29E-02	1.20E-03	5.36E-04	1.66E-02	1.12E-01
316	488819.93, 3858449.27	1.14E-01	3.84E-03	2.55E-03	2.21E-02	1.13E-03	1.63E-02	7.04E-05	0.15996571	5.95E-02	3.84E-03	2.55E-03	2.21E-02	1.13E-03	5.35E-04	1.63E-02	1.06E-01
317	488819.93, 3858499.27	1.33E-01	4.29E-03	2.79E-03	2.09E-02	1.20E-03	1.69E-02	1.00E-04	0.17947823	6.94E-02	4.29E-03	2.79E-03	2.09E-02	1.20E-03	5.14E-04	1.69E-02	1.16E-01
318	488869.93, 3858499.27	1.19E-01	3.94E-03	2.80E-03	2.03E-02	1.13E-03	1.67E-02	7.27E-05	0.1639241	6.22E-02	3.94E-03	2.80E-03	2.03E-02	1.13E-03	5.12E-04	1.67E-02	1.08E-01
319	488869.93, 3858549.27	1.41E-01	4.42E-03	3.10E-03	1.93E-02	1.21E-03	1.74E-02	1.05E-04	0.18685787	7.35E-02	4.42E-03	3.10E-03	1.93E-02	1.21E-03	4.93E-04	1.74E-02	1.20E-01
320	489438.17, 3859571.48	7.08E-02	1.90E-03	1.10E-02	4.48E-03	2.05E-04	2.49E-02	1.78E-05	0.11334777	3.68E-02	1.90E-03	1.10E-02	4.48E-03	2.05E-04	2.81E-04	2.49E-02	7.96E-02
321	489488.17, 3859571.48	6.79E-02	2.08E-03	1.20E-02	4.46E-03	2.04E-04	2.41E-02	1.60E-05	0.11071626	3.56E-02	2.08E-03	1.20E-02	4.46E-03	2.04E-04	2.81E-04	2.41E-02	7.87E-02
322	489538.17, 3859571.48	6.58E-02	2.30E-03	1.31E-02	4.44E-03	2.03E-04	2.34E-02	1.46E-05	0.10921344	3.49E-02	2.30E-03	1.31E-02	4.44E-03	2.03E-04	2.81E-04	2.34E-02	7.86E-02
323	489588.17, 3859571.48	6.43E-02	2.57E-03	1.43E-02	4.42E-03	2.02E-04	2.28E-02	1.35E-05	0.10865986	3.45E-02	2.57E-03	1.43E-02	4.42E-03	2.02E-04	2.80E-04	2.28E-02	7.91E-02
324	489438.17, 3859621.48	6.98E-02	1.64E-03	9.66E-03	4.33E-03	1.96E-04	2.44E-02	1.32E-05	0.11007359	3.60E-02	1.64E-03	9.66E-03	4.33E-03	1.96E-04	2.74E-04	2.44E-02	7.65E-02
325	489488.17, 3859621.48	6.62E-02	1.77E-03	1.04E-02	4.30E-03	1.96E-04	2.37E-02	1.24E-05	0.10661469	3.44E-02	1.77E-03	1.04E-02	4.30E-03	1.96E-04	2.74E-04	2.37E-02	7.51E-02
326	489538.17, 3859621.48	6.36E-02	1.92E-03	1.13E-02	4.28E-03	1.95E-04	2.30E-02	1.18E-05	0.10430293	3.33E-02	1.92E-03	1.13E-02	4.28E-03	1.95E-04	2.74E-04	2.30E-02	7.43E-02
327	489588.17, 3859621.48	6.17E-02	2.11E-03	1.23E-02	4.26E-03	1.95E-04	2.24E-02	1.12E-05	0.10298074	3.27E-02	2.11E-03	1.23E-02	4.26E-03	1.95E-04	2.74E-04	2.24E-02	7.42E-02
328	489238.17, 3859671.48	1.07E-01	1.16E-03	6.72E-03	4.26E-03	1.85E-04	2.70E-02	1.73E-05	0.14667403	5.37E-02	1.16E-03	6.72E-03	4.26E-03	1.85E-04	2.63E-04	2.70E-02	9.33E-02
329	489288.17, 3859671.48	8.95E-02	1.22E-03	7.11E-03	4.24E-03	1.86E-04	2.62E-02	1.34E-05	0.12846414	4.51E-02	1.22E-03	7.11E-03	4.24E-03	1.86E-04	2.64E-04	2.62E-02	8.43E-02
330	489338.17, 3859671.48	7.89E-02	1.28E-03	7.57E-03	4.23E-03	1.87E-04	2.54E-02	1.19E-05	0.11762552	4.00E-02	1.28E-03	7.57E-03	4.23E-03	1.87E-04	2.64E-04	2.54E-02	7.90E-02
331	489388.17, 3859671.48	7.21E-02	1.36E-03	8.10E-03	4.21E-03	1.87E-04	2.46E-02	1.10E-05	0.11062059	3.68E-02	1.36E-03	8.10E-03	4.21E-03	1.87E-04	2.65E-04	2.46E-02	7.55E-02
332	489438.17, 3859671.48	6.73E-02	1.45E-03	8.63E-03	4.18E-03	1.88E-04	2.40E-02	1.04E-05	0.10575068	3.46E-02	1.45E-03	8.63E-03	4.18E-03	1.88E-04	2.66E-04	2.40E-02	7.32E-02
333	489488.17, 3859671.48	6.39E-02	1.55E-03	9.29E-03	4.16E-03	1.88E-04	2.32E-02	1.01E-05	0.10232528	3.30E-02	1.55E-03	9.29E-03	4.16E-03	1.88E-04	2.67E-04	2.32E-02	7.17E-02
334	489538.17, 3859671.48	6.13E-02	1.66E-03	9.99E-03	4.14E-03	1.88E-04	2.26E-02	9.71E-06	0.09986355	3.19E-02	1.66E-03	9.99E-03	4.14E-03	1.88E-04	2.67E-04	2.26E-02	7.07E-02
335	489588.17, 3859671.48	5.93E-02	1.80E-03	1.08E-02	4.12E-03	1.87E-04	2.20E-02	9.41E-06	0.0981933	3.11E-02	1.80E-03	1.08E-02	4.12E-03	1.87E-04	2.67E-04	2.20E-02	7.03E-02
336	489238.17, 3859721.48	9.54E-02	1.07E-03	6.21E-03	4.12E-03	1.78E-04	2.65E-02	1.59E-05	0.13350754	4.78E-02	1.07E-03	6.21E-03	4.12E-03	1.78E-04	2.56E-04	2.65E-02	8.61E-02
337	489288.17, 3859721.48	8.08E-02	1.12E-03	6.58E-03	4.11E-03	1.79E-04	2.56E-02	1.21E-05	0.11838182	4.07E-02	1.12E-03	6.58E-03	4.11E-03	1.79E-04	2.57E-04	2.56E-02	7.85E-02
338	489338.17, 3859721.48	7.27E-02	1.17E-03	6.96E-03	4.10E-03	1.79E-04	2.49E-02	1.04E-05	0.10994235	3.68E-02	1.17E-03	6.96E-03	4.10E-03	1.79E-04	2.57E-04	2.49E-02	7.44E-02
339	489388.17, 3859721.48	6.74E-02	1.23E-03	7.38E-03	4.08E-03	1.80E-04	2.42E-02	9.53E-06	0.10452097	3.44E-02	1.23E-03	7.38E-03	4.08E-03	1.80E-04	2.58E-04	2.42E-02	7.17E-02
340	489438.17, 3859721.48	6.37E-02	1.30E-03	7.82E-03	4.06E-03	1.80E-04	2.36E-02	8.97E-06	0.10067387	3.26E-02	1.30E-03	7.82E-03	4.06E-03	1.80E-04	2.58E-04	2.36E-02	6.98E-02
341	489488.17, 3859721.48	6.10E-02	1.38E-03	8.37E-03	4.04E-03	1.81E-04	2.29E-02	8.60E-06	0.09785984	3.14E-02	1.38E-03	8.37E-03	4.04E-03	1.81E-04	2.59E-04	2.29E-02	6.85E-02
342	489538.17, 3859721.48	5.88E-02	1.47E-03	8.96E-03	4.02E-03	1.81E-04	2.23E-02	8.32E-06	0.09569688	3.04E-02	1.47E-03	8.96E-03	4.02E-03	1.81E-04	2.60E-04	2.23E-02	6.76E-02
343	489588.17, 3859721.48	5.70E-02	1.57E-03	9.60E-03	4.00E-03	1.81E-04	2.17E-02	8.11E-06	0.09408918	2.97E-02	1.57E-03	9.60E-03	4.00E-03	1.81E-04	2.61E-04	2.17E-02	6.70E-02
344	489238.17, 3859771.48	7.38E-02	9.89E-04	5.78E-03	3.98E-03	1.71E-04	2.61E-02	1.51E-05	0.11085954	3.72E-02	9.89E-04	5.78E-03	3.98E-03	1.71E-04	2.49E-04	2.61E-02	7.44E-02
345	489288.17, 3859771.48	6.91E-02	1.03E-03	6.10E-03	3.98E-03	1.72E-04	2.52E-02	1.12E-05	0.10566708	3.49E-02	1.03E-03	6.10E-03	3.98E-03	1.72E-04	2.49E-04	2.52E-02	7.17E-02
346	489338.17, 3859771.48	6.55E-02	1.08E-03	6.41E-03	3.97E-03	1.72E-04	2.46E-02	9.49E-06	0.10174742	3.32E-02	1.08E-03	6.41E-03	3.97E-03	1.72E-04	2.49E-04	2.46E-02	6.97E-02
347	489388.17, 3859771.48	6.27E-02	1.13E-03	6.77E-03	3.95E-03	1.73E-04	2.40E-02	8.60E-06	0.09865941	3.19E-02	1.13E-03	6.77E-03	3.95E-03	1.73E-04	2.50E-04	2.40E-02	6.81E-02
348	489438.17, 3859771.48	6.03E-02	1.18E-03	7.14E-03	3.93E-03	1.73E-04	2.34E-02	8.06E-06	0.09610679	3.08E-02	1.18E-03	7.14E-03	3.93E-03	1.73E-04	2.51E-04	2.34E-02	6.69E-02
349	489488.17, 3859771.48	5.84E-02	1.25E-03	7.62E-03	3.92E-03	1.74E-04	2.27E-02	7.69E-06	0.09404506	3.00E-02	1.25E-03	7.62E-03	3.92E-03	1.74E-04	2.52E-04	2.27E-02	6.59E-02
350	489538.17, 3859771.48	5.67E-02	1.32E-03	8.11E-03	3.91E-03	1.74E-04	2.20E-02	7.41E-06	0.09228117	2.92E-02	1.32E-03	8.11E-03	3.91E-03	1.74E-04	2.53E-04	2.20E-02	6.50E-02
351	489588.17, 3859771.48	5.53E-02	1.39E-03	8.62E-03	3.88E-03	1.74E-04	2.15E-02	7.21E-06	0.09083819	2.86E-02	1.39E-03	8.62E-03	3.88E-03	1.74E-04	2.54E-04	2.15E-02	6.44E-02
352	489238.17, 3859821.48	6.61E-02	9.24E-04	5.39E-03	3.85E-03	1.64E-04	2.61E-02	1.45E-05	0.10254507	3.33E-02	9.24E-04	5.39E-03	3.85E-03	1.64E-04	2.42E-04	2.61E-02	7.00E-02
353	489288.17, 3859821.48	6.36E-02	9.61E-04	5.68E-03	3.85E-03	1.65E-04	2.52E-02	1.06E-05	0.09947965	3.22E-02	9.61E-04	5.68E-03	3.85E-03	1.65E-04	2.42E-04	2.52E-02	6.83E-02
354	489338.17, 3859821.48	6.17E-02	9.99E-04	5.95E-03	3.84E-03	1.65E-04	2.45E-02	8.88E-06	0.09726757	3.13E-02	9.99E-04	5.95E-03	3.84E-03	1.65E-04	2.42E-04	2.45E-02	6.70E-02
355	489388.17, 3859821.48	6.01E-02	1.04E-03	6.26E-03	3.83E-03	1.66E-04	2.39E-02	7.97E-06	0.09526667	3.05E-02	1.04E-03	6.26E-03	3.83E-03	1.66E-04	2.43E-04	2.39E-02	6.60E-02
356	489438.17, 3859821.48	5.85E-02	1.09E-03	6.62E-03	3.83E-03	1.67E-04	2.32E-02	7.43E-06	0.09341007	2.98E-02	1.09E-03	6.62E-03	3.83E-03	1.67E-04	2.44E-04	2.32E-02	6.50E-02
357	489488.17, 3859821.48	5.70E-02	1.14E-03	7.00E-03	3.81E-03	1.67E-04	2.25E-02	7.06E-06	0.09167665	2.92E-02	1.14E-03	7.00E-03	3.81E-03	1.67E-04	2.45E-04	2.25E-02	6.41E-02
358	489538.17, 3859821.48	5.56E-02	1.19E-03	7.40E-03	3.80E-03	1.68E-04	2.19E-02	6.78E-06	0.09005896	2.85E-02	1.19E-03	7.40E-03	3.80E-03	1.68E-04	2.46E-04	2.19E-02	6.32E-02
359	489588.17, 3859821.48	5.42E-02	1.25E-03	7.82E-03	3.78E-03	1.68E-04	2.14E-02	6.57E-06	0.08863017	2.79E-02	1.25E-03	7.82E-03	3.78E-03	1.68E-04	2.47E-04	2.14E-02	6.26E-02
360	489238.17, 3859871.48	6.71E-02	8.68E-04	5.06E-03	3.73E-03	1.58E-04	2.64E-02	1.40E-05	0.10331573	3.38E-02	8.68E-04	5.06E-03	3.73E-03	1.58E-04	2.35E-04	2.64E-02	7.02E-02
361	489288.17, 3859871.48	6.44E-02	8.99E-04	5.30E-03	3.73E-03	1.59E-04	2.56E-02	1.02E-05	0.10008291	3.25E-02	8.99E-04	5.30E-03	3.73E-03	1.59E-04	2.35E-04	2.56E-02	6.84E-02
362	489338.17, 3859871.48	6.24E-02	9.31E-04	5.55E-03	3.73E-03	1.59E-04	2.47E-02	8.43E-06	0.097456	3.15E-02	9.31E-04	5.55E-03	3.73E-03	1.59E-04	2.36E-04	2.47E-02	6.68E-02
363	489388.17, 3859871.48	6.05E-02	9.68E-04	5.83E-03	3.72E-03	1.60E-04	2.40E-02	7.50E-06	0.09518441	3.07E-02	9.68E-04	5.83E-03	3.72E-03	1.60E-04	2.36E-04	2.40E-02	6.56E-02
364	489438.17, 3859871.48	5.88E-02	1.01E-03	6.15E-03	3.72E-03	1.61E-04	2.32E-02	6.93E-06	0.09303674	2.99E-02	1.01E-03	6.15E-03	3.72E-03	1.61E-04	2.38E-04	2.32E-02	6.43E-02
365	489488.17, 3859871.48	5.72E-02	1.05E-03	6.47E-03	3.72E-03	1.62E-04	2.23E-02	6.53E-06	0.09096212	2.91E-02	1.05E-03	6.47E-03	3.72E-03	1.62E-04	2.39E-04	2.23E-02	6.31E-02
366	489538.17, 3859871.48	5.56E-02	1.09E-03	6.79E-03	3.70E-03	1.62E-04	2.18E-02	6.28E-06	0.08916298	2.84E-02	1.09E-03	6.79E-03	3.70E-03	1.62E-04	2.40E-04	2.18E-02	6.22E-02
367	489588.17, 3859871.48	5.41E-02	1.14E-03	7.14E-03	3.68E-03	1.63E-04	2.13E-02	6.08E-06	0.08749226	2.77E-02	1.14E-03	7.14E-03	3.68E-03	1.63E-04	2.41E-04	2.13E-02	6.14E-02
368	489238.17, 3859921.48	7.58E-02	8.19E-04	4.78E-03	3.62E-03	1.53E-04	2.69E-02	1.36E-05	0.11205586	3.79E-02	8.19E-04	4.78E-03	3.62E-03	1.53E-04	2.29E-04	2.69E-02	7.44E-02

369	489288.17, 3859921.48	7.09E-02	8.47E-04	5.00E-03	3.62E-03	1.53E-04	2.58E-02	9.73E-06	0.10636756	3.56E-02	8.47E-04	5.00E-03	3.62E-03	1.53E-04	2.30E-04	2.58E-02	7.12E-02
370	489338.17, 3859921.48	6.70E-02	8.75E-04	5.22E-03	3.62E-03	1.54E-04	2.50E-02	8.04E-06	0.10187139	3.37E-02	8.75E-04	5.22E-03	3.62E-03	1.54E-04	2.30E-04	2.50E-02	6.88E-02
371	489388.17, 3859921.48	6.38E-02	9.07E-04	5.47E-03	3.62E-03	1.55E-04	2.41E-02	7.10E-06	0.09803304	3.22E-02	9.07E-04	5.47E-03	3.62E-03	1.55E-04	2.31E-04	2.41E-02	6.66E-02
372	489438.17, 3859921.48	6.11E-02	9.38E-04	5.73E-03	3.63E-03	1.56E-04	2.31E-02	6.48E-06	0.09465443	3.09E-02	9.38E-04	5.73E-03	3.63E-03	1.56E-04	2.32E-04	2.31E-02	6.47E-02
373	489488.17, 3859921.48	5.87E-02	9.70E-04	5.98E-03	3.62E-03	1.57E-04	2.24E-02	6.09E-06	0.09179953	2.98E-02	9.70E-04	5.98E-03	3.62E-03	1.57E-04	2.33E-04	2.24E-02	6.31E-02
374	489538.17, 3859921.48	5.65E-02	1.01E-03	6.25E-03	3.61E-03	1.57E-04	2.18E-02	5.85E-06	0.08935297	2.88E-02	1.01E-03	6.25E-03	3.61E-03	1.57E-04	2.34E-04	2.18E-02	6.18E-02
375	489588.17, 3859921.48	5.47E-02	1.04E-03	6.51E-03	3.59E-03	1.57E-04	2.11E-02	5.64E-06	0.08707001	2.79E-02	1.04E-03	6.51E-03	3.59E-03	1.57E-04	2.35E-04	2.11E-02	6.05E-02
376	489238.17, 3859971.48	9.63E-02	7.77E-04	4.52E-03	3.51E-03	1.48E-04	2.74E-02	1.33E-05	0.13264779	4.78E-02	7.77E-04	4.52E-03	3.51E-03	1.48E-04	2.24E-04	2.74E-02	8.44E-02
377	489288.17, 3859971.48	8.23E-02	8.01E-04	4.71E-03	3.51E-03	1.48E-04	2.64E-02	9.42E-06	0.117795	4.10E-02	8.01E-04	4.71E-03	3.51E-03	1.48E-04	2.24E-04	2.64E-02	7.68E-02
378	489338.17, 3859971.48	7.40E-02	8.26E-04	4.92E-03	3.52E-03	1.49E-04	2.53E-02	7.70E-06	0.10871653	3.70E-02	8.26E-04	4.92E-03	3.52E-03	1.49E-04	2.24E-04	2.53E-02	7.20E-02
379	489388.17, 3859971.48	6.83E-02	8.51E-04	5.13E-03	3.52E-03	1.50E-04	2.43E-02	6.73E-06	0.10225333	3.43E-02	8.51E-04	5.13E-03	3.52E-03	1.50E-04	2.25E-04	2.43E-02	6.85E-02
380	489438.17, 3859971.48	6.42E-02	8.72E-04	5.32E-03	3.53E-03	1.51E-04	2.31E-02	6.02E-06	0.09712195	3.23E-02	8.72E-04	5.32E-03	3.53E-03	1.51E-04	2.27E-04	2.31E-02	6.55E-02
381	489488.17, 3859971.48	6.09E-02	8.87E-04	5.38E-03	3.53E-03	1.52E-04	2.18E-02	5.50E-06	0.09265686	3.08E-02	8.87E-04	5.38E-03	3.53E-03	1.52E-04	2.29E-04	2.18E-02	6.27E-02
382	489538.17, 3859971.48	5.82E-02	9.01E-04	5.47E-03	3.53E-03	1.52E-04	2.08E-02	5.20E-06	0.08902192	2.94E-02	9.01E-04	5.47E-03	3.53E-03	1.52E-04	2.30E-04	2.08E-02	6.05E-02
383	489588.17, 3859971.48	5.58E-02	9.16E-04	5.55E-03	3.51E-03	1.53E-04	2.00E-02	5.00E-06	0.08594098	2.83E-02	9.16E-04	5.55E-03	3.51E-03	1.53E-04	2.31E-04	2.00E-02	5.87E-02
384	483577.7, 3854071	9.08E-02	3.22E-03	2.75E-03	1.46E-02	7.46E-04	1.26E-03	2.38E-07	0.11335437	4.65E-02	3.22E-03	2.75E-03	1.46E-02	7.46E-04	3.75E-04	1.26E-03	6.95E-02
385	483627.7, 3854071	7.91E-02	2.97E-03	2.74E-03	1.38E-02	7.16E-04	1.26E-03	2.39E-07	0.10067488	4.07E-02	2.97E-03	2.74E-03	1.38E-02	7.16E-04	3.90E-04	1.26E-03	6.26E-02
386	483677.7, 3854071	7.12E-02	2.75E-03	2.72E-03	1.31E-02	6.88E-04	1.25E-03	2.40E-07	0.09176272	3.68E-02	2.75E-03	2.72E-03	1.31E-02	6.88E-04	4.02E-04	1.25E-03	5.77E-02
387	483727.7, 3854071	6.54E-02	2.56E-03	2.70E-03	1.25E-02	6.63E-04	1.25E-03	2.42E-07	0.08501217	3.38E-02	2.56E-03	2.70E-03	1.25E-02	6.63E-04	4.12E-04	1.25E-03	5.38E-02
388	483777.7, 3854071	6.09E-02	2.37E-03	2.66E-03	1.16E-02	6.35E-04	1.22E-03	2.43E-07	0.07945454	3.15E-02	2.37E-03	2.66E-03	1.16E-02	6.35E-04	4.18E-04	1.22E-03	5.05E-02
389	483577.7, 3854121	9.43E-02	3.70E-03	2.61E-03	1.61E-02	7.89E-04	1.29E-03	2.40E-07	0.11883398	4.83E-02	3.70E-03	2.61E-03	1.61E-02	7.89E-04	3.77E-04	1.29E-03	7.32E-02
390	483627.7, 3854121	8.26E-02	3.34E-03	2.59E-03	1.51E-02	7.54E-04	1.28E-03	2.40E-07	0.10566777	4.24E-02	3.34E-03	2.59E-03	1.51E-02	7.54E-04	3.94E-04	1.28E-03	6.59E-02
391	483677.7, 3854121	7.47E-02	3.03E-03	2.55E-03	1.41E-02	7.21E-04	1.27E-03	2.40E-07	0.09636611	3.84E-02	3.03E-03	2.55E-03	1.41E-02	7.21E-04	4.09E-04	1.27E-03	6.05E-02
392	483727.7, 3854121	6.90E-02	2.77E-03	2.52E-03	1.31E-02	6.88E-04	1.25E-03	2.40E-07	0.08928298	3.55E-02	2.77E-03	2.52E-03	1.31E-02	6.88E-04	4.21E-04	1.25E-03	5.62E-02
393	483777.7, 3854121	6.44E-02	2.56E-03	2.50E-03	1.23E-02	6.62E-04	1.24E-03	2.41E-07	0.08369053	3.32E-02	2.56E-03	2.50E-03	1.23E-02	6.62E-04	4.34E-04	1.24E-03	5.29E-02
394	483577.7, 3854171	9.92E-02	4.33E-03	2.45E-03	1.73E-02	8.29E-04	1.30E-03	2.40E-07	0.12542328	5.06E-02	4.33E-03	2.45E-03	1.73E-02	8.29E-04	3.80E-04	1.30E-03	7.72E-02
395	483627.7, 3854171	8.73E-02	3.80E-03	2.41E-03	1.59E-02	7.86E-04	1.28E-03	2.39E-07	0.11151675	4.47E-02	3.80E-03	2.41E-03	1.59E-02	7.86E-04	3.97E-04	1.28E-03	6.93E-02
396	483677.7, 3854171	7.92E-02	3.40E-03	2.39E-03	1.48E-02	7.51E-04	1.27E-03	2.39E-07	0.10189043	4.06E-02	3.40E-03	2.39E-03	1.48E-02	7.51E-04	4.13E-04	1.27E-03	6.37E-02
397	483727.7, 3854171	7.32E-02	3.08E-03	2.37E-03	1.39E-02	7.22E-04	1.27E-03	2.40E-07	0.0946307	3.76E-02	3.08E-03	2.37E-03	1.39E-02	7.22E-04	4.30E-04	1.27E-03	5.94E-02
398	483777.7, 3854171	6.85E-02	2.81E-03	2.35E-03	1.31E-02	6.94E-04	1.26E-03	2.40E-07	0.08871535	3.52E-02	2.81E-03	2.35E-03	1.31E-02	6.94E-04	4.43E-04	1.26E-03	5.58E-02
399	483827.7, 3854171	6.48E-02	2.56E-03	2.30E-03	1.20E-02	6.59E-04	1.24E-03	2.39E-07	0.08359358	3.32E-02	2.56E-03	2.30E-03	1.20E-02	6.59E-04	4.50E-04	1.24E-03	5.25E-02
400	483877.7, 3854171	6.15E-02	2.38E-03	2.27E-03	1.14E-02	6.34E-04	1.22E-03	2.39E-07	0.07937003	3.15E-02	2.38E-03	2.27E-03	1.14E-02	6.34E-04	4.53E-04	1.22E-03	4.99E-02
401	483727.7, 3854221	7.95E-02	3.54E-03	2.24E-03	1.50E-02	7.64E-04	1.29E-03	2.40E-07	0.10232053	4.06E-02	3.54E-03	2.24E-03	1.50E-02	7.64E-04	4.33E-04	1.29E-03	6.38E-02
402	483777.7, 3854221	7.42E-02	3.17E-03	2.21E-03	1.39E-02	7.32E-04	1.28E-03	2.39E-07	0.09558549	3.79E-02	3.17E-03	2.21E-03	1.39E-02	7.32E-04	4.48E-04	1.28E-03	5.97E-02
403	483827.7, 3854221	6.96E-02	2.92E-03	2.21E-03	1.34E-02	7.15E-04	1.30E-03	2.41E-07	0.09020188	3.56E-02	2.92E-03	2.21E-03	1.34E-02	7.15E-04	4.64E-04	1.30E-03	5.66E-02
404	483877.7, 3854221	6.61E-02	2.66E-03	2.18E-03	1.25E-02	6.82E-04	1.28E-03	2.40E-07	0.08535648	3.38E-02	2.66E-03	2.18E-03	1.25E-02	6.82E-04	4.70E-04	1.28E-03	5.35E-02
405	489150.19, 3858726.45	9.40E-02	4.29E-03	5.75E-03	1.45E-02	1.01E-03	2.01E-02	8.34E-05	0.13961672	5.08E-02	4.29E-03	5.75E-03	1.45E-02	1.01E-03	4.30E-04	2.01E-02	9.68E-02
406	489200.19, 3858726.45	9.13E-02	3.97E-03	5.91E-03	1.41E-02	9.39E-04	1.97E-02	1.08E-04	0.13595822	4.91E-02	3.97E-03	5.91E-03	1.41E-02	9.39E-04	4.28E-04	1.97E-02	9.41E-02
407	489150.19, 3858776.45	9.82E-02	4.94E-03	8.07E-03	1.39E-02	1.03E-03	2.17E-02	1.04E-04	0.14795281	5.35E-02	4.94E-03	8.07E-03	1.39E-02	1.03E-03	4.17E-04	2.17E-02	1.04E-01
408	489200.19, 3858776.45	9.49E-02	4.52E-03	8.22E-03	1.35E-02	9.39E-04	2.11E-02	1.08E-04	0.14330985	5.15E-02	4.52E-03	8.22E-03	1.35E-02	9.39E-04	4.15E-04	2.11E-02	1.00E-01
409	488919.6, 3856400.76	4.01E-02	8.27E-04	9.26E-04	1.65E-02	1.00E-03	7.74E-03	1.06E-06	0.0670873	2.04E-02	8.27E-04	9.26E-04	1.65E-02	1.00E-03	2.74E-03	7.74E-03	5.01E-02
410	488919.6, 3856450.76	4.08E-02	8.40E-04	9.21E-04	1.68E-02	1.02E-03	7.89E-03	1.10E-06	0.06827734	2.07E-02	8.40E-04	9.21E-04	1.68E-02	1.02E-03	2.77E-03	7.89E-03	5.10E-02
411	488969.6, 3856450.76	4.03E-02	8.30E-04	9.21E-04	1.66E-02	9.98E-04	7.78E-03	1.10E-06	0.06747861	2.05E-02	8.30E-04	9.21E-04	1.66E-02	9.98E-04	2.70E-03	7.78E-03	5.04E-02
412	488919.6, 3856500.76	4.15E-02	8.53E-04	9.16E-04	1.72E-02	1.03E-03	8.03E-03	1.14E-06	0.06952484	2.11E-02	8.53E-04	9.16E-04	1.72E-02	1.03E-03	2.78E-03	8.03E-03	5.19E-02
413	488969.6, 3856500.76	4.10E-02	8.43E-04	9.17E-04	1.70E-02	1.01E-03	7.92E-03	1.15E-06	0.06868135	2.09E-02	8.43E-04	9.17E-04	1.70E-02	1.01E-03	2.72E-03	7.92E-03	5.12E-02
414	488919.6, 3856550.76	4.22E-02	8.68E-04	9.12E-04	1.76E-02	1.04E-03	8.18E-03	1.19E-06	0.07080337	2.15E-02	8.68E-04	9.12E-04	1.76E-02	1.04E-03	2.79E-03	8.18E-03	5.28E-02
415	488969.6, 3856550.76	4.17E-02	8.57E-04	9.13E-04	1.73E-02	1.02E-03	8.06E-03	1.19E-06	0.06991989	2.12E-02	8.57E-04	9.13E-04	1.73E-02	1.02E-03	2.72E-03	8.06E-03	5.21E-02
416	488819.6, 3856600.76	4.42E-02	9.04E-04	9.06E-04	1.85E-02	1.10E-03	8.55E-03	1.22E-06	0.07408199	2.25E-02	9.04E-04	9.06E-04	1.85E-02	1.10E-03	2.94E-03	8.55E-03	5.53E-02
417	488869.6, 3856600.76	4.36E-02	8.92E-04	9.07E-04	1.82E-02	1.08E-03	8.42E-03	1.23E-06	0.0730855	2.22E-02	8.92E-04	9.07E-04	1.82E-02	1.08E-03	2.86E-03	8.42E-03	5.45E-02
418	488919.6, 3856600.76	4.30E-02	8.82E-04	9.08E-04	1.79E-02	1.06E-03	8.30E-03	1.24E-06	0.07212261	2.19E-02	8.82E-04	9.08E-04	1.79E-02	1.06E-03	2.79E-03	8.30E-03	5.38E-02
419	488819.6, 3856650.76	4.51E-02	9.19E-04	9.04E-04	1.89E-02	1.11E-03	8.67E-03	1.27E-06	0.07555701	2.29E-02	9.19E-04	9.04E-04	1.89E-02	1.11E-03	2.93E-03	8.67E-03	5.63E-02
420	488869.6, 3856650.76	4.45E-02	9.07E-04	9.05E-04	1.86E-02	1.09E-03	8.54E-03	1.28E-06	0.07449843	2.26E-02	9.07E-04	9.05E-04	1.86E-02	1.09E-03	2.86E-03	8.54E-03	5.55E-02
421	488819.6, 3856700.76	4.61E-02	9.36E-04	9.03E-04	1.92E-02	1.13E-03	8.79E-03	1.32E-06	0.07706226	2.34E-02	9.36E-04	9.03E-04	1.92E-02	1.13E-03	2.91E-03	8.79E-03	5.73E-02
422	488869.6, 3856700.76	4.54E-02	9.23E-04	9.03E-04	1.89E-02	1.10E-03	8.65E-03	1.33E-06	0.07594191	2.31E-02	9.23E-04	9.03E-04	1.89E-02	1.10E-03	2.84E-03	8.65E-03	5.65E-02

423	488819.6, 3856750.76	4.71E-02	9.53E-04	9.02E-04	1.96E-02	1.14E-03	8.88E-03	1.37E-06	0.07860027	2.39E-02	9.53E-04	9.02E-04	1.96E-02	1.14E-03	2.89E-03	8.88E-03	5.83E-02
424	488869.6, 3856750.76	4.64E-02	9.40E-04	9.03E-04	1.93E-02	1.11E-03	8.75E-03	1.39E-06	0.07740498	2.36E-02	9.40E-04	9.03E-04	1.93E-02	1.11E-03	2.81E-03	8.75E-03	5.74E-02
425	488819.6, 3857050.76	5.35E-02	1.07E-03	9.33E-04	2.21E-02	1.20E-03	9.35E-03	1.77E-06	0.08811565	2.72E-02	1.07E-03	9.33E-04	2.21E-02	1.20E-03	2.49E-03	9.35E-03	6.43E-02
426	488869.6, 3857050.76	5.23E-02	1.06E-03	9.31E-04	2.17E-02	1.17E-03	9.26E-03	1.80E-06	0.08643399	2.66E-02	1.06E-03	9.31E-04	2.17E-02	1.17E-03	2.43E-03	9.26E-03	6.31E-02
427	488919.6, 3857050.76	5.13E-02	1.04E-03	9.29E-04	2.13E-02	1.14E-03	9.18E-03	1.83E-06	0.08485305	2.61E-02	1.04E-03	9.29E-04	2.13E-02	1.14E-03	2.37E-03	9.18E-03	6.20E-02
428	488819.6, 3857100.76	5.46E-02	1.10E-03	9.44E-04	2.24E-02	1.20E-03	9.44E-03	1.86E-06	0.08969697	2.77E-02	1.10E-03	9.44E-04	2.24E-02	1.20E-03	2.40E-03	9.44E-03	6.53E-02
429	488869.6, 3857100.76	5.34E-02	1.08E-03	9.41E-04	2.20E-02	1.17E-03	9.35E-03	1.89E-06	0.08793854	2.71E-02	1.08E-03	9.41E-04	2.20E-02	1.17E-03	2.34E-03	9.35E-03	6.41E-02
430	488919.6, 3857100.76	5.22E-02	1.06E-03	9.40E-04	2.16E-02	1.15E-03	9.28E-03	1.92E-06	0.08626975	2.66E-02	1.06E-03	9.40E-04	2.16E-02	1.15E-03	2.28E-03	9.28E-03	6.29E-02
431	488819.6, 3857150.76	5.56E-02	1.12E-03	9.57E-04	2.28E-02	1.21E-03	9.54E-03	1.96E-06	0.09124676	2.83E-02	1.12E-03	9.57E-04	2.28E-02	1.21E-03	2.30E-03	9.54E-03	6.62E-02
432	488869.6, 3857150.76	5.43E-02	1.10E-03	9.54E-04	2.24E-02	1.18E-03	9.47E-03	1.99E-06	0.08939651	2.76E-02	1.10E-03	9.54E-04	2.24E-02	1.18E-03	2.24E-03	9.47E-03	6.50E-02
433	488919.6, 3857150.76	5.31E-02	1.09E-03	9.51E-04	2.20E-02	1.15E-03	9.40E-03	2.03E-06	0.08766329	2.70E-02	1.09E-03	9.51E-04	2.20E-02	1.15E-03	2.19E-03	9.40E-03	6.38E-02
434	488969.6, 3857150.76	5.20E-02	1.07E-03	9.48E-04	2.16E-02	1.12E-03	9.34E-03	2.06E-06	0.08602172	2.65E-02	1.07E-03	9.48E-04	2.16E-02	1.12E-03	2.14E-03	9.34E-03	6.27E-02
435	488819.6, 3857200.76	5.65E-02	1.15E-03	9.73E-04	2.32E-02	1.21E-03	9.67E-03	2.07E-06	0.09276232	2.88E-02	1.15E-03	9.73E-04	2.32E-02	1.21E-03	2.20E-03	9.67E-03	6.72E-02
436	488869.6, 3857200.76	5.52E-02	1.13E-03	9.69E-04	2.28E-02	1.18E-03	9.61E-03	2.11E-06	0.09083068	2.81E-02	1.13E-03	9.69E-04	2.28E-02	1.18E-03	2.15E-03	9.61E-03	6.59E-02
437	488919.6, 3857200.76	5.39E-02	1.11E-03	9.65E-04	2.23E-02	1.15E-03	9.56E-03	2.15E-06	0.08903139	2.74E-02	1.11E-03	9.65E-04	2.23E-02	1.15E-03	2.10E-03	9.56E-03	6.47E-02
438	488969.6, 3857200.76	5.27E-02	1.09E-03	9.61E-04	2.19E-02	1.13E-03	9.49E-03	2.18E-06	0.08734013	2.69E-02	1.09E-03	9.61E-04	2.19E-02	1.13E-03	2.06E-03	9.49E-03	6.35E-02
439	488819.6, 3857250.76	5.74E-02	1.18E-03	9.89E-04	2.36E-02	1.22E-03	9.82E-03	2.19E-06	0.09423737	2.92E-02	1.18E-03	9.89E-04	2.36E-02	1.22E-03	2.10E-03	9.82E-03	6.81E-02
440	488869.6, 3857250.76	5.60E-02	1.16E-03	9.85E-04	2.31E-02	1.19E-03	9.78E-03	2.23E-06	0.09226031	2.85E-02	1.16E-03	9.85E-04	2.31E-02	1.19E-03	2.05E-03	9.78E-03	6.68E-02
441	488919.6, 3857250.76	5.47E-02	1.14E-03	9.81E-04	2.27E-02	1.16E-03	9.73E-03	2.28E-06	0.09039435	2.79E-02	1.14E-03	9.81E-04	2.27E-02	1.16E-03	2.01E-03	9.73E-03	6.56E-02
442	488969.6, 3857250.76	5.35E-02	1.12E-03	9.77E-04	2.22E-02	1.13E-03	9.69E-03	2.31E-06	0.08864282	2.73E-02	1.12E-03	9.77E-04	2.22E-02	1.13E-03	1.97E-03	9.69E-03	6.44E-02
443	488819.6, 3857300.76	5.83E-02	1.21E-03	1.01E-03	2.40E-02	1.22E-03	1.00E-02	2.33E-06	0.09568317	2.97E-02	1.21E-03	1.01E-03	2.40E-02	1.22E-03	2.00E-03	1.00E-02	6.91E-02
444	488869.6, 3857300.76	5.68E-02	1.19E-03	1.00E-03	2.35E-02	1.19E-03	9.99E-03	2.37E-06	0.09363687	2.89E-02	1.19E-03	1.00E-03	2.35E-02	1.19E-03	1.96E-03	9.99E-03	6.77E-02
445	488919.6, 3857300.76	5.54E-02	1.17E-03	1.00E-03	2.30E-02	1.16E-03	9.97E-03	2.42E-06	0.09173212	2.83E-02	1.17E-03	1.00E-03	2.30E-02	1.16E-03	1.92E-03	9.97E-03	6.65E-02
446	488819.6, 3857450.76	6.04E-02	1.32E-03	1.08E-03	2.50E-02	1.21E-03	1.11E-02	2.83E-06	0.10007618	3.08E-02	1.32E-03	1.08E-03	2.50E-02	1.21E-03	1.70E-03	1.11E-02	7.22E-02
447	488869.6, 3857450.76	5.89E-02	1.29E-03	1.07E-03	2.45E-02	1.18E-03	1.11E-02	2.88E-06	0.09797276	3.01E-02	1.29E-03	1.07E-03	2.45E-02	1.18E-03	1.68E-03	1.11E-02	7.08E-02
448	488919.6, 3857450.76	5.75E-02	1.26E-03	1.07E-03	2.39E-02	1.14E-03	1.11E-02	2.93E-06	0.09595676	2.94E-02	1.26E-03	1.07E-03	2.39E-02	1.14E-03	1.65E-03	1.11E-02	6.95E-02
449	488819.6, 3857500.76	6.11E-02	1.35E-03	1.10E-03	2.53E-02	1.20E-03	1.16E-02	3.04E-06	0.10175223	3.12E-02	1.35E-03	1.10E-03	2.53E-02	1.20E-03	1.61E-03	1.16E-02	7.35E-02
450	488869.6, 3857500.76	5.96E-02	1.33E-03	1.10E-03	2.48E-02	1.17E-03	1.17E-02	3.09E-06	0.09959798	3.04E-02	1.33E-03	1.10E-03	2.48E-02	1.17E-03	1.59E-03	1.17E-02	7.20E-02
451	488919.6, 3857500.76	5.82E-02	1.30E-03	1.09E-03	2.42E-02	1.14E-03	1.17E-02	3.15E-06	0.0975553	2.97E-02	1.30E-03	1.09E-03	2.42E-02	1.14E-03	1.57E-03	1.17E-02	7.07E-02
452	488819.6, 3857550.76	6.19E-02	1.40E-03	1.13E-03	2.56E-02	1.19E-03	1.24E-02	3.28E-06	0.10359091	3.16E-02	1.40E-03	1.13E-03	2.56E-02	1.19E-03	1.53E-03	1.24E-02	7.49E-02
453	488869.6, 3857550.76	6.03E-02	1.37E-03	1.12E-03	2.50E-02	1.16E-03	1.24E-02	3.34E-06	0.10140661	3.09E-02	1.37E-03	1.12E-03	2.50E-02	1.16E-03	1.51E-03	1.24E-02	7.34E-02
454	488919.6, 3857550.76	5.89E-02	1.34E-03	1.12E-03	2.45E-02	1.13E-03	1.24E-02	3.42E-06	0.09930892	3.01E-02	1.34E-03	1.12E-03	2.45E-02	1.13E-03	1.49E-03	1.24E-02	7.20E-02
455	489663.71, 3860900.05	1.61E-02	4.51E-04	2.23E-03	2.06E-03	8.75E-05	9.23E-03	3.02E-06	0.03014518	8.38E-03	4.51E-04	2.23E-03	2.06E-03	8.75E-05	1.41E-04	9.23E-03	2.26E-02
456	489813.71, 3860900.05	1.57E-02	4.73E-04	2.35E-03	2.08E-03	8.79E-05	9.00E-03	2.68E-06	0.02968755	8.22E-03	4.73E-04	2.35E-03	2.08E-03	8.79E-05	1.41E-04	9.00E-03	2.24E-02
457	489863.71, 3860900.05	1.55E-02	4.81E-04	2.39E-03	2.09E-03	8.80E-05	8.91E-03	2.59E-06	0.02947712	8.15E-03	4.81E-04	2.39E-03	2.09E-03	8.80E-05	1.41E-04	8.91E-03	2.22E-02
458	489913.71, 3860900.05	1.54E-02	4.89E-04	2.44E-03	2.09E-03	8.83E-05	8.84E-03	2.52E-06	0.02935252	8.10E-03	4.89E-04	2.44E-03	2.09E-03	8.83E-05	1.42E-04	8.84E-03	2.22E-02
459	489963.71, 3860900.05	1.53E-02	4.97E-04	2.47E-03	2.10E-03	8.84E-05	8.74E-03	2.45E-06	0.02914721	8.04E-03	4.97E-04	2.47E-03	2.10E-03	8.84E-05	1.42E-04	8.74E-03	2.21E-02
460	490013.71, 3860900.05	1.51E-02	5.07E-04	2.53E-03	2.10E-03	8.87E-05	8.66E-03	2.39E-06	0.02902679	7.99E-03	5.07E-04	2.53E-03	2.10E-03	8.87E-05	1.42E-04	8.66E-03	2.20E-02
461	490063.71, 3860900.05	1.50E-02	5.16E-04	2.58E-03	2.11E-03	8.89E-05	8.57E-03	2.34E-06	0.02886517	7.93E-03	5.16E-04	2.58E-03	2.11E-03	8.89E-05	1.42E-04	8.57E-03	2.19E-02
462	489663.71, 3860950.05	1.45E-02	4.39E-04	2.15E-03	2.02E-03	8.55E-05	8.41E-03	2.98E-06	0.02764036	7.62E-03	4.39E-04	2.15E-03	2.02E-03	8.55E-05	1.38E-04	8.41E-03	2.09E-02
463	489813.71, 3860950.05	1.43E-02	4.60E-04	2.26E-03	2.03E-03	8.60E-05	8.25E-03	2.64E-06	0.02737298	7.52E-03	4.60E-04	2.26E-03	2.03E-03	8.60E-05	1.39E-04	8.25E-03	2.07E-02
464	489863.71, 3860950.05	1.42E-02	4.66E-04	2.29E-03	2.03E-03	8.60E-05	8.18E-03	2.54E-06	0.0272453	7.48E-03	4.66E-04	2.29E-03	2.03E-03	8.60E-05	1.39E-04	8.18E-03	2.07E-02
465	489913.71, 3860950.05	1.41E-02	4.74E-04	2.33E-03	2.04E-03	8.63E-05	8.13E-03	2.47E-06	0.02716746	7.45E-03	4.74E-04	2.33E-03	2.04E-03	8.63E-05	1.39E-04	8.13E-03	2.06E-02
466	489963.71, 3860950.05	1.40E-02	4.82E-04	2.37E-03	2.05E-03	8.64E-05	8.06E-03	2.40E-06	0.02705162	7.41E-03	4.82E-04	2.37E-03	2.05E-03	8.64E-05	1.39E-04	8.06E-03	2.06E-02
467	490013.71, 3860950.05	1.39E-02	4.90E-04	2.41E-03	2.05E-03	8.66E-05	8.00E-03	2.34E-06	0.02695424	7.37E-03	4.90E-04	2.41E-03	2.05E-03	8.66E-05	1.39E-04	8.00E-03	2.06E-02
468	490063.71, 3860950.05	1.38E-02	4.99E-04	2.46E-03	2.06E-03	8.68E-05	7.94E-03	2.29E-06	0.02687359	7.34E-03	4.99E-04	2.46E-03	2.06E-03	8.68E-05	1.39E-04	7.94E-03	2.05E-02
469	489513.71, 3861000.05	1.34E-02	4.12E-04	1.99E-03	1.96E-03	8.36E-05	7.81E-03	3.55E-06	0.02564052	7.02E-03	4.12E-04	1.99E-03	1.96E-03	8.36E-05	1.34E-04	7.81E-03	1.94E-02
470	489563.71, 3861000.05	1.33E-02	4.17E-04	2.01E-03	1.96E-03	8.36E-05	7.78E-03	3.29E-06	0.02558061	7.00E-03	4.17E-04	2.01E-03	1.96E-03	8.36E-05	1.35E-04	7.78E-03	1.94E-02
471	489613.71, 3861000.05	1.33E-02	4.22E-04	2.05E-03	1.97E-03	8.37E-05	7.75E-03	3.10E-06	0.02556693	6.99E-03	4.22E-04	2.05E-03	1.97E-03	8.37E-05	1.35E-04	7.75E-03	1.94E-02
472	489663.71, 3861000.05	1.32E-02	4.28E-04	2.08E-03	1.97E-03	8.38E-05	7.71E-03	2.94E-06	0.02551933	6.97E-03	4.28E-04	2.08E-03	1.97E-03	8.38E-05	1.35E-04	7.71E-03	1.94E-02
473	489713.71, 3861000.05	1.32E-02	4.34E-04	2.10E-03	1.97E-03	8.38E-05	7.66E-03	2.81E-06	0.02544863	6.95E-03	4.34E-04	2.10E-03	1.97E-03	8.38E-05	1.35E-04	7.66E-03	1.93E-02
474	489763.71, 3861000.05	1.31E-02	4.40E-04	2.13E-03	1.98E-03	8.39E-05	7.62E-03	2.69E-06	0.02539354	6.93E-03	4.40E-04	2.13E-03	1.98E-03	8.39E-05	1.36E-04	7.62E-03	1.93E-02
475	489813.71, 3861000.05	1.31E-02	4.47E-04	2.17E-03	1.98E-03	8.42E-05	7.60E-03	2.60E-06	0.02537403	6.92E-03	4.47E-04	2.17E-03	1.98E-03	8.42E-05	1.36E-04	7.60E-03	1.93E-02
476	489863.71, 3861000.05	1.30E-02	4.53E-04	2.20E-03	1.99E-03	8.42E-05	7.54E-03	2.51E-06	0.02528767	6.90E-03	4.53E-04	2.20E-03	1.99E-03	8.42E-05	1.36E-04	7.54E-03	1.93E-02

477	489913.71, 3861000.05	1.30E-02	4.61E-04	2.24E-03	1.99E-03	8.44E-05	7.51E-03	2.43E-06	0.0252475	6.88E-03	4.61E-04	2.24E-03	1.99E-03	8.44E-05	1.36E-04	7.51E-03	1.93E-02
478	489963.71, 3861000.05	1.29E-02	4.68E-04	2.27E-03	2.00E-03	8.44E-05	7.45E-03	2.36E-06	0.02517049	6.85E-03	4.68E-04	2.27E-03	2.00E-03	8.44E-05	1.36E-04	7.45E-03	1.93E-02
479	490013.71, 3861000.05	1.28E-02	4.75E-04	2.31E-03	2.00E-03	8.46E-05	7.41E-03	2.30E-06	0.02511329	6.83E-03	4.75E-04	2.31E-03	2.00E-03	8.46E-05	1.36E-04	7.41E-03	1.92E-02
480	490063.71, 3861000.05	1.28E-02	4.83E-04	2.35E-03	2.01E-03	8.48E-05	7.36E-03	2.25E-06	0.02506308	6.81E-03	4.83E-04	2.35E-03	2.01E-03	8.48E-05	1.37E-04	7.36E-03	1.92E-02
481	489513.71, 3861050.05	1.22E-02	4.02E-04	1.92E-03	1.92E-03	8.19E-05	7.18E-03	3.53E-06	0.02374721	6.45E-03	4.02E-04	1.92E-03	1.92E-03	8.19E-05	1.32E-04	7.18E-03	1.81E-02
482	489563.71, 3861050.05	1.22E-02	4.07E-04	1.95E-03	1.92E-03	8.19E-05	7.15E-03	3.27E-06	0.02371898	6.44E-03	4.07E-04	1.95E-03	1.92E-03	8.19E-05	1.32E-04	7.15E-03	1.81E-02
483	489613.71, 3861050.05	1.22E-02	4.13E-04	1.98E-03	1.93E-03	8.21E-05	7.15E-03	3.08E-06	0.02374121	6.44E-03	4.13E-04	1.98E-03	1.93E-03	8.21E-05	1.33E-04	7.15E-03	1.81E-02
484	489663.71, 3861050.05	1.22E-02	4.18E-04	2.00E-03	1.93E-03	8.21E-05	7.10E-03	2.91E-06	0.02370116	6.43E-03	4.18E-04	2.00E-03	1.93E-03	8.21E-05	1.33E-04	7.10E-03	1.81E-02
485	489713.71, 3861050.05	1.21E-02	4.23E-04	2.03E-03	1.93E-03	8.20E-05	7.07E-03	2.77E-06	0.02364681	6.42E-03	4.23E-04	2.03E-03	1.93E-03	8.20E-05	1.33E-04	7.07E-03	1.81E-02
486	489763.71, 3861050.05	1.21E-02	4.29E-04	2.06E-03	1.93E-03	8.21E-05	7.04E-03	2.66E-06	0.02362999	6.41E-03	4.29E-04	2.06E-03	1.93E-03	8.21E-05	1.33E-04	7.04E-03	1.81E-02
487	489813.71, 3861050.05	1.21E-02	4.35E-04	2.09E-03	1.94E-03	8.23E-05	7.01E-03	2.56E-06	0.02361264	6.40E-03	4.35E-04	2.09E-03	1.94E-03	8.23E-05	1.33E-04	7.01E-03	1.81E-02
488	489863.71, 3861050.05	1.20E-02	4.41E-04	2.12E-03	1.94E-03	8.24E-05	6.98E-03	2.47E-06	0.02357622	6.39E-03	4.41E-04	2.12E-03	1.94E-03	8.24E-05	1.33E-04	6.98E-03	1.81E-02
489	489913.71, 3861050.05	1.20E-02	4.48E-04	2.15E-03	1.95E-03	8.25E-05	6.94E-03	2.39E-06	0.02355138	6.38E-03	4.48E-04	2.15E-03	1.95E-03	8.25E-05	1.34E-04	6.94E-03	1.81E-02
490	489963.71, 3861050.05	1.19E-02	4.55E-04	2.18E-03	1.95E-03	8.26E-05	6.91E-03	2.32E-06	0.02351069	6.37E-03	4.55E-04	2.18E-03	1.95E-03	8.26E-05	1.34E-04	6.91E-03	1.81E-02
491	490013.71, 3861050.05	1.19E-02	4.62E-04	2.22E-03	1.96E-03	8.28E-05	6.88E-03	2.26E-06	0.02349704	6.36E-03	4.62E-04	2.22E-03	1.96E-03	8.28E-05	1.34E-04	6.88E-03	1.81E-02
492	490063.71, 3861050.05	1.19E-02	4.69E-04	2.25E-03	1.96E-03	8.29E-05	6.85E-03	2.21E-06	0.02346192	6.34E-03	4.69E-04	2.25E-03	1.96E-03	8.29E-05	1.34E-04	6.85E-03	1.81E-02
493	489513.71, 3861100.05	1.13E-02	3.93E-04	1.87E-03	1.88E-03	8.05E-05	6.65E-03	3.50E-06	0.02217078	5.98E-03	3.93E-04	1.87E-03	1.88E-03	8.05E-05	1.30E-04	6.65E-03	1.70E-02
494	489563.71, 3861100.05	1.13E-02	3.98E-04	1.89E-03	1.88E-03	8.03E-05	6.61E-03	3.24E-06	0.02212006	5.97E-03	3.98E-04	1.89E-03	1.88E-03	8.03E-05	1.30E-04	6.61E-03	1.70E-02
495	489613.71, 3861100.05	1.12E-02	4.02E-04	1.90E-03	1.88E-03	8.01E-05	6.57E-03	3.03E-06	0.02207387	5.97E-03	4.02E-04	1.90E-03	1.88E-03	8.01E-05	1.29E-04	6.57E-03	1.69E-02
496	489663.71, 3861100.05	1.12E-02	4.07E-04	1.93E-03	1.88E-03	8.02E-05	6.55E-03	2.87E-06	0.02206804	5.96E-03	4.07E-04	1.93E-03	1.88E-03	8.02E-05	1.30E-04	6.55E-03	1.69E-02
497	489713.71, 3861100.05	1.12E-02	4.12E-04	1.95E-03	1.88E-03	8.03E-05	6.54E-03	2.74E-06	0.02207955	5.96E-03	4.12E-04	1.95E-03	1.88E-03	8.03E-05	1.30E-04	6.54E-03	1.70E-02
498	489763.71, 3861100.05	1.12E-02	4.18E-04	1.98E-03	1.89E-03	8.03E-05	6.52E-03	2.62E-06	0.02206695	5.96E-03	4.18E-04	1.98E-03	1.89E-03	8.03E-05	1.30E-04	6.52E-03	1.70E-02
499	489813.71, 3861100.05	1.12E-02	4.24E-04	2.01E-03	1.89E-03	8.05E-05	6.50E-03	2.52E-06	0.02207928	5.96E-03	4.24E-04	2.01E-03	1.89E-03	8.05E-05	1.31E-04	6.50E-03	1.70E-02
500	489863.71, 3861100.05	1.11E-02	4.30E-04	2.04E-03	1.90E-03	8.07E-05	6.49E-03	2.44E-06	0.02208999	5.95E-03	4.30E-04	2.04E-03	1.90E-03	8.07E-05	1.31E-04	6.49E-03	1.70E-02
501	489913.71, 3861100.05	1.11E-02	4.36E-04	2.06E-03	1.90E-03	8.07E-05	6.45E-03	2.36E-06	0.02204872	5.94E-03	4.36E-04	2.06E-03	1.90E-03	8.07E-05	1.31E-04	6.45E-03	1.70E-02
502	489963.71, 3861100.05	1.11E-02	4.43E-04	2.09E-03	1.91E-03	8.08E-05	6.43E-03	2.29E-06	0.0220444	5.94E-03	4.43E-04	2.09E-03	1.91E-03	8.08E-05	1.31E-04	6.43E-03	1.70E-02
503	490013.71, 3861100.05	1.11E-02	4.49E-04	2.12E-03	1.91E-03	8.09E-05	6.39E-03	2.22E-06	0.02200139	5.93E-03	4.49E-04	2.12E-03	1.91E-03	8.09E-05	1.31E-04	6.39E-03	1.70E-02
504	490063.71, 3861100.05	1.10E-02	4.56E-04	2.15E-03	1.91E-03	8.10E-05	6.37E-03	2.17E-06	0.02200539	5.93E-03	4.56E-04	2.15E-03	1.91E-03	8.10E-05	1.31E-04	6.37E-03	1.70E-02
505	489713.71, 3861150.05	1.04E-02	4.02E-04	1.88E-03	1.84E-03	7.86E-05	6.08E-03	2.70E-06	0.02070099	5.56E-03	4.02E-04	1.88E-03	1.84E-03	7.86E-05	1.28E-04	6.08E-03	1.60E-02
506	489763.71, 3861150.05	1.04E-02	4.08E-04	1.91E-03	1.85E-03	7.87E-05	6.07E-03	2.59E-06	0.0207227	5.57E-03	4.08E-04	1.91E-03	1.85E-03	7.87E-05	1.28E-04	6.07E-03	1.60E-02
507	489813.71, 3861150.05	1.04E-02	4.14E-04	1.94E-03	1.85E-03	7.88E-05	6.05E-03	2.49E-06	0.0207367	5.57E-03	4.14E-04	1.94E-03	1.85E-03	7.88E-05	1.28E-04	6.05E-03	1.60E-02
508	489863.71, 3861150.05	1.04E-02	4.19E-04	1.96E-03	1.85E-03	7.89E-05	6.04E-03	2.40E-06	0.0207276	5.57E-03	4.19E-04	1.96E-03	1.85E-03	7.89E-05	1.28E-04	6.04E-03	1.60E-02
509	489913.71, 3861150.05	1.04E-02	4.25E-04	1.98E-03	1.86E-03	7.90E-05	6.01E-03	2.32E-06	0.0207297	5.57E-03	4.25E-04	1.98E-03	1.86E-03	7.90E-05	1.29E-04	6.01E-03	1.61E-02
510	489963.71, 3861150.05	1.04E-02	4.31E-04	2.00E-03	1.86E-03	7.90E-05	5.99E-03	2.25E-06	0.02071672	5.57E-03	4.31E-04	2.00E-03	1.86E-03	7.90E-05	1.29E-04	5.99E-03	1.61E-02
511	490013.71, 3861150.05	1.03E-02	4.37E-04	2.03E-03	1.86E-03	7.91E-05	5.96E-03	2.19E-06	0.02069108	5.56E-03	4.37E-04	2.03E-03	1.86E-03	7.91E-05	1.29E-04	5.96E-03	1.61E-02
512	490063.71, 3861150.05	1.03E-02	4.44E-04	2.06E-03	1.87E-03	7.93E-05	5.95E-03	2.13E-06	0.02070151	5.56E-03	4.44E-04	2.06E-03	1.87E-03	7.93E-05	1.29E-04	5.95E-03	1.61E-02
513	489613.71, 3861200.05	9.75E-03	3.83E-04	1.77E-03	1.79E-03	7.68E-05	5.68E-03	2.96E-06	0.01945398	5.22E-03	3.83E-04	1.77E-03	1.79E-03	7.68E-05	1.25E-04	5.68E-03	1.50E-02
514	489663.71, 3861200.05	9.75E-03	3.88E-04	1.79E-03	1.80E-03	7.69E-05	5.68E-03	2.80E-06	0.01948666	5.22E-03	3.88E-04	1.79E-03	1.80E-03	7.69E-05	1.25E-04	5.68E-03	1.51E-02
515	489713.71, 3861200.05	9.74E-03	3.93E-04	1.82E-03	1.80E-03	7.70E-05	5.67E-03	2.67E-06	0.01950756	5.23E-03	3.93E-04	1.82E-03	1.80E-03	7.70E-05	1.25E-04	5.67E-03	1.51E-02
516	489763.71, 3861200.05	9.74E-03	3.98E-04	1.84E-03	1.80E-03	7.71E-05	5.67E-03	2.56E-06	0.01953036	5.23E-03	3.98E-04	1.84E-03	1.80E-03	7.71E-05	1.25E-04	5.67E-03	1.51E-02
517	489813.71, 3861200.05	9.73E-03	4.03E-04	1.86E-03	1.81E-03	7.72E-05	5.66E-03	2.46E-06	0.01954369	5.23E-03	4.03E-04	1.86E-03	1.81E-03	7.72E-05	1.26E-04	5.66E-03	1.52E-02
518	489863.71, 3861200.05	9.73E-03	4.09E-04	1.89E-03	1.81E-03	7.74E-05	5.65E-03	2.37E-06	0.01957818	5.24E-03	4.09E-04	1.89E-03	1.81E-03	7.74E-05	1.26E-04	5.65E-03	1.52E-02
519	489913.71, 3861200.05	9.71E-03	4.14E-04	1.91E-03	1.82E-03	7.74E-05	5.63E-03	2.29E-06	0.0195636	5.23E-03	4.14E-04	1.91E-03	1.82E-03	7.74E-05	1.26E-04	5.63E-03	1.52E-02
520	489963.71, 3861200.05	9.69E-03	4.20E-04	1.93E-03	1.82E-03	7.74E-05	5.61E-03	2.22E-06	0.01954644	5.23E-03	4.20E-04	1.93E-03	1.82E-03	7.74E-05	1.26E-04	5.61E-03	1.52E-02
521	490013.71, 3861200.05	9.69E-03	4.26E-04	1.95E-03	1.82E-03	7.75E-05	5.59E-03	2.16E-06	0.01955651	5.24E-03	4.26E-04	1.95E-03	1.82E-03	7.75E-05	1.27E-04	5.59E-03	1.52E-02
522	490063.71, 3861200.05	9.67E-03	4.32E-04	1.97E-03	1.83E-03	7.76E-05	5.57E-03	2.10E-06	0.01954996	5.24E-03	4.32E-04	1.97E-03	1.83E-03	7.76E-05	1.27E-04	5.57E-03	1.52E-02
523	489513.71, 3861250.05	9.15E-03	3.66E-04	1.67E-03	1.75E-03	7.50E-05	5.30E-03	3.37E-06	0.01831146	4.90E-03	3.66E-04	1.67E-03	1.75E-03	7.50E-05	1.22E-04	5.30E-03	1.42E-02
524	489563.71, 3861250.05	9.16E-03	3.71E-04	1.69E-03	1.75E-03	7.52E-05	5.31E-03	3.13E-06	0.01836544	4.91E-03	3.71E-04	1.69E-03	1.75E-03	7.52E-05	1.22E-04	5.31E-03	1.42E-02
525	489613.71, 3861250.05	9.16E-03	3.75E-04	1.71E-03	1.76E-03	7.53E-05	5.32E-03	2.93E-06	0.01840787	4.92E-03	3.75E-04	1.71E-03	1.76E-03	7.53E-05	1.22E-04	5.32E-03	1.43E-02
526	489663.71, 3861250.05	9.16E-03	3.80E-04	1.73E-03	1.76E-03	7.54E-05	5.32E-03	2.77E-06	0.018432	4.93E-03	3.80E-04	1.73E-03	1.76E-03	7.54E-05	1.22E-04	5.32E-03	1.43E-02
527	489713.71, 3861250.05	9.16E-03	3.84E-04	1.75E-03	1.76E-03	7.55E-05	5.32E-03	2.64E-06	0.01845151	4.93E-03	3.84E-04	1.75E-03	1.76E-03	7.55E-05	1.23E-04	5.32E-03	1.43E-02
528	489763.71, 3861250.05	9.15E-03	3.89E-04	1.78E-03	1.77E-03	7.56E-05	5.31E-03	2.53E-06	0.01847631	4.93E-03	3.89E-04	1.78E-03	1.77E-03	7.56E-05	1.23E-04	5.31E-03	1.44E-02
529	489813.71, 3861250.05	9.16E-03	3.94E-04	1.80E-03	1.77E-03	7.57E-05	5.31E-03	2.43E-06	0.01850104	4.94E-03	3.94E-04	1.80E-03	1.77E-03	7.57E-05	1.23E-04	5.31E-03	1.44E-02
530	489863.71, 3861250.05	9.14E-03	3.99E-04	1.82E-03	1.77E-03	7.58E-05	5.30E-03	2.34E-06	0.01851152	4.94E-03	3.99E-04	1.82E-03	1.77E-03	7.58E-05	1.24E-04	5.30E-03	1.44E-02

531	489913.71, 3861250.05	9.14E-03	4.04E-04	1.84E-03	1.78E-03	7.59E-05	5.29E-03	2.26E-06	0.01852602	4.94E-03	4.04E-04	1.84E-03	1.78E-03	7.59E-05	1.24E-04	5.29E-03	1.45E-02
532	489963.71, 3861250.05	9.13E-03	4.09E-04	1.86E-03	1.78E-03	7.60E-05	5.28E-03	2.19E-06	0.01853218	4.94E-03	4.09E-04	1.86E-03	1.78E-03	7.60E-05	1.24E-04	5.28E-03	1.45E-02
533	490013.71, 3861250.05	9.12E-03	4.15E-04	1.88E-03	1.78E-03	7.60E-05	5.26E-03	2.13E-06	0.01853745	4.95E-03	4.15E-04	1.88E-03	1.78E-03	7.60E-05	1.24E-04	5.26E-03	1.45E-02
534	490063.71, 3861250.05	9.10E-03	4.21E-04	1.89E-03	1.79E-03	7.60E-05	5.24E-03	2.07E-06	0.01851889	4.95E-03	4.21E-04	1.89E-03	1.79E-03	7.60E-05	1.24E-04	5.24E-03	1.45E-02
535	489528.13, 3861308.47	8.55E-03	3.59E-04	1.61E-03	1.71E-03	7.33E-05	4.92E-03	3.26E-06	0.01722924	4.60E-03	3.59E-04	1.61E-03	1.71E-03	7.33E-05	1.19E-04	4.92E-03	1.34E-02
536	489578.13, 3861308.47	8.56E-03	3.63E-04	1.63E-03	1.71E-03	7.35E-05	4.93E-03	3.03E-06	0.01727646	4.61E-03	3.63E-04	1.63E-03	1.71E-03	7.35E-05	1.19E-04	4.93E-03	1.34E-02
537	489628.13, 3861308.47	8.57E-03	3.67E-04	1.65E-03	1.71E-03	7.36E-05	4.94E-03	2.85E-06	0.01731824	4.62E-03	3.67E-04	1.65E-03	1.71E-03	7.36E-05	1.20E-04	4.94E-03	1.35E-02
538	489678.13, 3861308.47	8.57E-03	3.70E-04	1.67E-03	1.72E-03	7.37E-05	4.94E-03	2.70E-06	0.01735186	4.63E-03	3.70E-04	1.67E-03	1.72E-03	7.37E-05	1.20E-04	4.94E-03	1.35E-02
539	489728.13, 3861308.47	8.57E-03	3.75E-04	1.69E-03	1.72E-03	7.38E-05	4.95E-03	2.57E-06	0.01737701	4.63E-03	3.75E-04	1.69E-03	1.72E-03	7.38E-05	1.20E-04	4.95E-03	1.36E-02
540	489778.13, 3861308.47	8.56E-03	3.80E-04	1.71E-03	1.72E-03	7.39E-05	4.94E-03	2.46E-06	0.0173945	4.63E-03	3.80E-04	1.71E-03	1.72E-03	7.39E-05	1.20E-04	4.94E-03	1.36E-02
541	489678.13, 3861358.47	8.13E-03	3.63E-04	1.61E-03	1.68E-03	7.22E-05	4.66E-03	2.67E-06	0.01652022	4.40E-03	3.63E-04	1.61E-03	1.68E-03	7.22E-05	1.18E-04	4.66E-03	1.29E-02
542	489728.13, 3861358.47	8.13E-03	3.67E-04	1.63E-03	1.68E-03	7.23E-05	4.66E-03	2.54E-06	0.01655196	4.41E-03	3.67E-04	1.63E-03	1.68E-03	7.23E-05	1.18E-04	4.66E-03	1.29E-02
543	489528.13, 3861408.47	7.73E-03	3.44E-04	1.51E-03	1.64E-03	7.05E-05	4.38E-03	3.21E-06	0.01567213	4.19E-03	3.44E-04	1.51E-03	1.64E-03	7.05E-05	1.15E-04	4.38E-03	1.22E-02
544	489578.13, 3861408.47	7.73E-03	3.48E-04	1.53E-03	1.64E-03	7.06E-05	4.39E-03	2.97E-06	0.01570237	4.19E-03	3.48E-04	1.53E-03	1.64E-03	7.06E-05	1.15E-04	4.39E-03	1.23E-02
545	489628.13, 3861408.47	7.73E-03	3.51E-04	1.55E-03	1.65E-03	7.08E-05	4.41E-03	2.80E-06	0.01575668	4.20E-03	3.51E-04	1.55E-03	1.65E-03	7.08E-05	1.16E-04	4.41E-03	1.23E-02
546	489678.13, 3861408.47	7.75E-03	3.55E-04	1.56E-03	1.65E-03	7.09E-05	4.41E-03	2.64E-06	0.01579188	4.21E-03	3.55E-04	1.56E-03	1.65E-03	7.09E-05	1.16E-04	4.41E-03	1.24E-02
547	489728.13, 3861408.47	7.74E-03	3.59E-04	1.58E-03	1.65E-03	7.09E-05	4.41E-03	2.51E-06	0.01580559	4.21E-03	3.59E-04	1.58E-03	1.65E-03	7.09E-05	1.16E-04	4.41E-03	1.24E-02
548	489528.13, 3861458.47	7.38E-03	3.37E-04	1.46E-03	1.61E-03	6.92E-05	4.15E-03	3.19E-06	0.01501413	4.01E-03	3.37E-04	1.46E-03	1.61E-03	6.92E-05	1.13E-04	4.15E-03	1.18E-02
549	489578.13, 3861458.47	7.39E-03	3.41E-04	1.48E-03	1.61E-03	6.93E-05	4.16E-03	2.95E-06	0.01505666	4.02E-03	3.41E-04	1.48E-03	1.61E-03	6.93E-05	1.13E-04	4.16E-03	1.18E-02
550	489628.13, 3861458.47	7.40E-03	3.44E-04	1.49E-03	1.61E-03	6.94E-05	4.17E-03	2.77E-06	0.01509322	4.02E-03	3.44E-04	1.49E-03	1.61E-03	6.94E-05	1.14E-04	4.17E-03	1.18E-02
551	489678.13, 3861458.47	7.40E-03	3.48E-04	1.51E-03	1.62E-03	6.95E-05	4.18E-03	2.62E-06	0.01511746	4.03E-03	3.48E-04	1.51E-03	1.62E-03	6.95E-05	1.14E-04	4.18E-03	1.19E-02
552	489728.13, 3861458.47	7.40E-03	3.51E-04	1.52E-03	1.62E-03	6.95E-05	4.17E-03	2.48E-06	0.01513395	4.03E-03	3.51E-04	1.52E-03	1.62E-03	6.95E-05	1.14E-04	4.17E-03	1.19E-02
553	489528.13, 3861508.47	7.08E-03	3.31E-04	1.42E-03	1.58E-03	6.79E-05	3.95E-03	3.16E-06	0.01441723	3.85E-03	3.31E-04	1.42E-03	1.58E-03	6.79E-05	1.11E-04	3.95E-03	1.13E-02
554	489578.13, 3861508.47	7.09E-03	3.34E-04	1.43E-03	1.58E-03	6.80E-05	3.95E-03	2.93E-06	0.01445212	3.86E-03	3.34E-04	1.43E-03	1.58E-03	6.80E-05	1.11E-04	3.95E-03	1.13E-02
555	489628.13, 3861508.47	7.08E-03	3.38E-04	1.44E-03	1.58E-03	6.81E-05	3.96E-03	2.74E-06	0.01446941	3.86E-03	3.38E-04	1.44E-03	1.58E-03	6.81E-05	1.11E-04	3.96E-03	1.14E-02
556	489678.13, 3861508.47	7.09E-03	3.41E-04	1.46E-03	1.58E-03	6.81E-05	3.96E-03	2.59E-06	0.01450028	3.87E-03	3.41E-04	1.46E-03	1.58E-03	6.81E-05	1.12E-04	3.96E-03	1.14E-02
557	489728.13, 3861508.47	7.09E-03	3.44E-04	1.47E-03	1.58E-03	6.82E-05	3.96E-03	2.46E-06	0.01452275	3.88E-03	3.44E-04	1.47E-03	1.58E-03	6.82E-05	1.12E-04	3.96E-03	1.14E-02
558	489628.13, 3861558.47	6.81E-03	3.31E-04	1.40E-03	1.55E-03	6.69E-05	3.77E-03	2.72E-06	0.01393701	3.72E-03	3.31E-04	1.40E-03	1.55E-03	6.69E-05	1.10E-04	3.77E-03	1.10E-02
559	489678.13, 3861558.47	6.81E-03	3.34E-04	1.41E-03	1.55E-03	6.70E-05	3.78E-03	2.57E-06	0.0139669	3.73E-03	3.34E-04	1.41E-03	1.55E-03	6.70E-05	1.10E-04	3.78E-03	1.10E-02
560	489728.13, 3861558.47	6.82E-03	3.38E-04	1.42E-03	1.56E-03	6.71E-05	3.79E-03	2.44E-06	0.0139904	3.73E-03	3.38E-04	1.42E-03	1.56E-03	6.71E-05	1.10E-04	3.79E-03	1.10E-02
561	489357.08, 3861015.81	1.32E-02	3.93E-04	1.88E-03	1.94E-03	8.28E-05	7.66E-03	5.19E-06	0.02515923	6.91E-03	3.93E-04	1.88E-03	1.94E-03	8.28E-05	1.33E-04	7.66E-03	1.90E-02
562	489407.08, 3861015.81	1.31E-02	3.98E-04	1.90E-03	1.94E-03	8.28E-05	7.63E-03	4.41E-06	0.0250592	6.87E-03	3.98E-04	1.90E-03	1.94E-03	8.28E-05	1.33E-04	7.63E-03	1.90E-02
563	489457.08, 3861015.81	1.30E-02	4.02E-04	1.93E-03	1.94E-03	8.28E-05	7.61E-03	3.91E-06	0.02501437	6.85E-03	4.02E-04	1.93E-03	1.94E-03	8.28E-05	1.33E-04	7.61E-03	1.89E-02
564	489357.08, 3861065.81	1.21E-02	3.85E-04	1.82E-03	1.89E-03	8.12E-05	7.03E-03	5.18E-06	0.02328288	6.35E-03	3.85E-04	1.82E-03	1.89E-03	8.12E-05	1.31E-04	7.03E-03	1.77E-02
565	489407.08, 3861065.81	1.20E-02	3.89E-04	1.84E-03	1.90E-03	8.11E-05	7.00E-03	4.40E-06	0.02320023	6.31E-03	3.89E-04	1.84E-03	1.90E-03	8.11E-05	1.31E-04	7.00E-03	1.77E-02
566	489457.08, 3861065.81	1.19E-02	3.93E-04	1.87E-03	1.90E-03	8.12E-05	6.99E-03	3.89E-06	0.02317653	6.30E-03	3.93E-04	1.87E-03	1.90E-03	8.12E-05	1.31E-04	6.99E-03	1.77E-02
567	489357.08, 3861115.81	1.11E-02	3.77E-04	1.77E-03	1.85E-03	7.95E-05	6.48E-03	5.15E-06	0.02168315	5.88E-03	3.77E-04	1.77E-03	1.85E-03	7.95E-05	1.28E-04	6.48E-03	1.66E-02
568	489407.08, 3861115.81	1.11E-02	3.81E-04	1.79E-03	1.86E-03	7.96E-05	6.47E-03	4.38E-06	0.02164541	5.85E-03	3.81E-04	1.79E-03	1.86E-03	7.96E-05	1.28E-04	6.47E-03	1.66E-02
569	489457.08, 3861115.81	1.10E-02	3.85E-04	1.81E-03	1.86E-03	7.97E-05	6.47E-03	3.88E-06	0.02164287	5.84E-03	3.85E-04	1.81E-03	1.86E-03	7.97E-05	1.29E-04	6.47E-03	1.66E-02
570	489407.08, 3861165.81	1.03E-02	3.73E-04	1.74E-03	1.82E-03	7.81E-05	6.01E-03	4.35E-06	0.02029398	5.46E-03	3.73E-04	1.74E-03	1.82E-03	7.81E-05	1.26E-04	6.01E-03	1.56E-02
571	489457.08, 3861165.81	1.02E-02	3.77E-04	1.76E-03	1.82E-03	7.81E-05	6.00E-03	3.85E-06	0.02027852	5.45E-03	3.77E-04	1.76E-03	1.82E-03	7.81E-05	1.26E-04	6.00E-03	1.56E-02
572	489407.08, 3861215.81	9.59E-03	3.64E-04	1.67E-03	1.77E-03	7.62E-05	5.57E-03	4.31E-06	0.01904825	5.12E-03	3.64E-04	1.67E-03	1.77E-03	7.62E-05	1.23E-04	5.57E-03	1.47E-02
573	489457.08, 3861215.81	9.57E-03	3.68E-04	1.69E-03	1.78E-03	7.62E-05	5.57E-03	3.81E-06	0.0190534	5.11E-03	3.68E-04	1.69E-03	1.78E-03	7.62E-05	1.23E-04	5.57E-03	1.47E-02
574	489407.08, 3861265.81	9.01E-03	3.56E-04	1.61E-03	1.73E-03	7.43E-05	5.18E-03	4.23E-06	0.01796417	4.83E-03	3.56E-04	1.61E-03	1.73E-03	7.43E-05	1.21E-04	5.18E-03	1.39E-02
575	489457.08, 3861265.81	8.98E-03	3.60E-04	1.63E-03	1.73E-03	7.44E-05	5.19E-03	3.75E-06	0.01797173	4.82E-03	3.60E-04	1.63E-03	1.73E-03	7.44E-05	1.21E-04	5.19E-03	1.39E-02
576	489309.86, 3861110.14	1.14E-02	3.73E-04	1.75E-03	1.85E-03	7.95E-05	6.53E-03	6.36E-06	0.02200157	6.02E-03	3.73E-04	1.75E-03	1.85E-03	7.95E-05	1.28E-04	6.53E-03	1.67E-02
577	489407.08, 3861315.81	8.53E-03	3.48E-04	1.56E-03	1.69E-03	7.28E-05	4.86E-03	4.20E-06	0.01706471	4.58E-03	3.48E-04	1.56E-03	1.69E-03	7.28E-05	1.18E-04	4.86E-03	1.32E-02
578	489457.08, 3861315.81	8.50E-03	3.52E-04	1.58E-03	1.70E-03	7.30E-05	4.87E-03	3.73E-06	0.0170726	4.57E-03	3.52E-04	1.58E-03	1.70E-03	7.30E-05	1.19E-04	4.87E-03	1.33E-02
579	488906.03, 3861006.75	1.21E-02	3.61E-04	1.69E-03	1.93E-03	8.28E-05	7.87E-03	2.16E-06	0.02404206	6.34E-03	3.61E-04	1.69E-03	1.93E-03	8.28E-05	1.32E-04	7.87E-03	1.84E-02
580	488956.03, 3861006.75	1.22E-02	3.64E-04	1.72E-03	1.94E-03	8.31E-05	7.91E-03	2.30E-06	0.02422582	6.40E-03	3.64E-04	1.72E-03	1.94E-03	8.31E-05	1.33E-04	7.91E-03	1.85E-02
581	488904.24, 3861051.87	1.11E-02	3.55E-04	1.67E-03	1.92E-03	8.25E-05	7.26E-03	2.06E-06	0.02236462	5.83E-03	3.55E-04	1.67E-03	1.92E-03	8.25E-05	1.31E-04	7.26E-03	1.73E-02
582	488954.24, 3861051.87	1.11E-02	3.58E-04	1.68E-03	1.91E-03	8.20E-05	7.28E-03	2.23E-06	0.02244443	5.86E-03	3.58E-04	1.68E-03	1.91E-03	8.20E-05	1.31E-04	7.28E-03	1.73E-02
583	489004.24, 3861051.87	1.13E-02	3.62E-04	1.71E-03	1.92E-03	8.24E-05	7.30E-03	2.36E-06	0.02264843	5.94E-03	3.62E-04	1.71E-03	1.92E-03	8.24E-05	1.32E-04	7.30E-03	1.74E-02
584	488804.24, 3861101.87	9.90E-03	3.41E-04	1.56E-03	1.86E-03	8.01E-05	6.60E-03	1.88E-06	0.02035275	5.25E-03	3.41E-04	1.56E-03	1.86E-03	8.01E-05	1.27E-04	6.60E-03	1.58E-02

585	488854.24, 3861101.87	9.99E-03	3.45E-04	1.59E-03	1.87E-03	8.03E-05	6.63E-03	1.95E-06	0.02050687	5.29E-03	3.45E-04	1.59E-03	1.87E-03	8.03E-05	1.28E-04	6.63E-03	1.59E-02
586	488904.24, 3861101.87	1.00E-02	3.47E-04	1.59E-03	1.85E-03	7.94E-05	6.58E-03	2.09E-06	0.0204817	5.31E-03	3.47E-04	1.59E-03	1.85E-03	7.94E-05	1.27E-04	6.58E-03	1.59E-02
587	488954.24, 3861101.87	1.01E-02	3.50E-04	1.61E-03	1.85E-03	7.91E-05	6.57E-03	2.24E-06	0.02057056	5.36E-03	3.50E-04	1.61E-03	1.85E-03	7.91E-05	1.27E-04	6.57E-03	1.59E-02
588	489004.24, 3861101.87	1.02E-02	3.53E-04	1.63E-03	1.85E-03	7.93E-05	6.58E-03	2.46E-06	0.02072804	5.42E-03	3.53E-04	1.63E-03	1.85E-03	7.93E-05	1.27E-04	6.58E-03	1.60E-02
589	488804.24, 3861151.87	9.08E-03	3.34E-04	1.49E-03	1.80E-03	7.72E-05	5.97E-03	1.86E-06	0.01875638	4.83E-03	3.34E-04	1.49E-03	1.80E-03	7.72E-05	1.22E-04	5.97E-03	1.46E-02
590	488854.24, 3861151.87	9.14E-03	3.36E-04	1.51E-03	1.80E-03	7.71E-05	5.97E-03	1.94E-06	0.01883237	4.87E-03	3.36E-04	1.51E-03	1.80E-03	7.71E-05	1.23E-04	5.97E-03	1.47E-02
591	489129.49, 3861187.55	9.54E-03	3.48E-04	1.58E-03	1.78E-03	7.62E-05	5.72E-03	3.83E-06	0.01905062	5.08E-03	3.48E-04	1.58E-03	1.78E-03	7.62E-05	1.23E-04	5.72E-03	1.47E-02
592	489179.49, 3861187.55	1.06E-02	3.52E-04	1.60E-03	1.78E-03	7.62E-05	5.73E-03	6.30E-06	0.02015067	5.60E-03	3.52E-04	1.60E-03	1.78E-03	7.62E-05	1.23E-04	5.73E-03	1.53E-02
593	488804.24, 3861201.87	8.46E-03	3.27E-04	1.46E-03	1.76E-03	7.57E-05	5.54E-03	1.82E-06	0.01762043	4.52E-03	3.27E-04	1.46E-03	1.76E-03	7.57E-05	1.20E-04	5.54E-03	1.38E-02
594	488854.24, 3861201.87	8.50E-03	3.30E-04	1.47E-03	1.75E-03	7.53E-05	5.52E-03	1.90E-06	0.0176482	4.55E-03	3.30E-04	1.47E-03	1.75E-03	7.53E-05	1.20E-04	5.52E-03	1.38E-02
595	489129.49, 3861237.55	8.96E-03	3.42E-04	1.55E-03	1.74E-03	7.48E-05	5.34E-03	3.82E-06	0.01801449	4.79E-03	3.42E-04	1.55E-03	1.74E-03	7.48E-05	1.21E-04	5.34E-03	1.40E-02
596	489179.49, 3861237.55	1.00E-02	3.45E-04	1.56E-03	1.74E-03	7.47E-05	5.34E-03	6.36E-06	0.01910548	5.31E-03	3.45E-04	1.56E-03	1.74E-03	7.47E-05	1.21E-04	5.34E-03	1.45E-02
597	488804.24, 3861251.87	7.92E-03	3.22E-04	1.42E-03	1.72E-03	7.43E-05	5.18E-03	1.80E-06	0.01664213	4.26E-03	3.22E-04	1.42E-03	1.72E-03	7.43E-05	1.18E-04	5.18E-03	1.31E-02
598	488854.24, 3861251.87	7.98E-03	3.24E-04	1.43E-03	1.72E-03	7.39E-05	5.15E-03	1.88E-06	0.01667598	4.29E-03	3.24E-04	1.43E-03	1.72E-03	7.39E-05	1.18E-04	5.15E-03	1.31E-02
599	488804.24, 3861301.87	7.46E-03	3.15E-04	1.38E-03	1.69E-03	7.28E-05	4.84E-03	1.77E-06	0.01576129	4.03E-03	3.15E-04	1.38E-03	1.69E-03	7.28E-05	1.16E-04	4.84E-03	1.24E-02
600	488854.24, 3861301.87	7.53E-03	3.18E-04	1.39E-03	1.68E-03	7.25E-05	4.83E-03	1.85E-06	0.01582169	4.06E-03	3.18E-04	1.39E-03	1.68E-03	7.25E-05	1.16E-04	4.83E-03	1.25E-02
601	490943.5, 3860181.97	3.40E-02	2.59E-03	1.46E-02	2.83E-03	1.20E-04	1.14E-02	3.08E-06	0.06554719	1.97E-02	2.59E-03	1.46E-02	2.83E-03	1.20E-04	1.87E-04	1.14E-02	5.14E-02
602	490993.5, 3860181.97	3.54E-02	2.93E-03	1.60E-02	2.84E-03	1.20E-04	1.11E-02	3.05E-06	0.06845561	2.08E-02	2.93E-03	1.60E-02	2.84E-03	1.20E-04	1.85E-04	1.11E-02	5.40E-02
603	491043.5, 3860181.97	3.75E-02	3.39E-03	1.78E-02	2.84E-03	1.20E-04	1.09E-02	3.03E-06	0.07259343	2.24E-02	3.39E-03	1.78E-02	2.84E-03	1.20E-04	1.84E-04	1.09E-02	5.76E-02
604	491093.5, 3860181.97	4.08E-02	4.06E-03	2.00E-02	2.85E-03	1.20E-04	1.07E-02	3.01E-06	0.0785455	2.48E-02	4.06E-03	2.00E-02	2.85E-03	1.20E-04	1.83E-04	1.07E-02	6.27E-02
605	490943.5, 3860231.97	3.11E-02	2.19E-03	1.26E-02	2.73E-03	1.17E-04	1.12E-02	2.95E-06	0.05995981	1.78E-02	2.19E-03	1.26E-02	2.73E-03	1.17E-04	1.84E-04	1.12E-02	4.68E-02
606	490993.5, 3860231.97	3.21E-02	2.43E-03	1.39E-02	2.74E-03	1.17E-04	1.09E-02	2.93E-06	0.06216974	1.86E-02	2.43E-03	1.39E-02	2.74E-03	1.17E-04	1.83E-04	1.09E-02	4.89E-02
607	491043.5, 3860231.97	3.33E-02	2.74E-03	1.51E-02	2.75E-03	1.17E-04	1.07E-02	2.90E-06	0.06472558	1.96E-02	2.74E-03	1.51E-02	2.75E-03	1.17E-04	1.81E-04	1.07E-02	5.11E-02
608	491093.5, 3860231.97	3.53E-02	3.15E-03	1.66E-02	2.75E-03	1.16E-04	1.05E-02	2.87E-06	0.06838687	2.10E-02	3.15E-03	1.66E-02	2.75E-03	1.16E-04	1.80E-04	1.05E-02	5.43E-02
609	490943.5, 3860281.97	2.88E-02	1.90E-03	1.11E-02	2.64E-03	1.14E-04	1.09E-02	2.83E-06	0.05548153	1.63E-02	1.90E-03	1.11E-02	2.64E-03	1.14E-04	1.81E-04	1.09E-02	4.32E-02
610	490993.5, 3860281.97	2.94E-02	2.08E-03	1.21E-02	2.65E-03	1.14E-04	1.07E-02	2.81E-06	0.05696926	1.68E-02	2.08E-03	1.21E-02	2.65E-03	1.14E-04	1.80E-04	1.07E-02	4.46E-02
611	491043.5, 3860281.97	3.02E-02	2.30E-03	1.30E-02	2.66E-03	1.14E-04	1.05E-02	2.78E-06	0.0587304	1.75E-02	2.30E-03	1.30E-02	2.66E-03	1.14E-04	1.79E-04	1.05E-02	4.62E-02
612	491093.5, 3860281.97	3.13E-02	2.58E-03	1.42E-02	2.66E-03	1.13E-04	1.03E-02	2.76E-06	0.06110555	1.84E-02	2.58E-03	1.42E-02	2.66E-03	1.13E-04	1.77E-04	1.03E-02	4.83E-02
613	490943.5, 3860331.97	2.68E-02	1.68E-03	9.86E-03	2.56E-03	1.12E-04	1.06E-02	2.72E-06	0.05164864	1.51E-02	1.68E-03	9.86E-03	2.56E-03	1.12E-04	1.79E-04	1.06E-02	4.01E-02
614	490993.5, 3860331.97	2.71E-02	1.81E-03	1.05E-02	2.56E-03	1.11E-04	1.04E-02	2.69E-06	0.05248381	1.54E-02	1.81E-03	1.05E-02	2.56E-03	1.11E-04	1.77E-04	1.04E-02	4.10E-02
615	491043.5, 3860331.97	2.76E-02	1.97E-03	1.12E-02	2.57E-03	1.11E-04	1.02E-02	2.67E-06	0.05366918	1.58E-02	1.97E-03	1.12E-02	2.57E-03	1.11E-04	1.76E-04	1.02E-02	4.21E-02
616	491093.5, 3860331.97	2.83E-02	2.18E-03	1.21E-02	2.57E-03	1.10E-04	1.00E-02	2.64E-06	0.05525711	1.64E-02	2.18E-03	1.21E-02	2.57E-03	1.10E-04	1.75E-04	1.00E-02	4.36E-02
617	490086.72, 3859935.12	4.29E-02	1.66E-03	1.05E-02	3.34E-03	1.50E-04	1.74E-02	4.75E-06	0.07599592	2.29E-02	1.66E-03	1.05E-02	3.34E-03	1.50E-04	2.30E-04	1.74E-02	5.62E-02
618	490136.72, 3859935.12	4.24E-02	1.76E-03	1.11E-02	3.32E-03	1.49E-04	1.70E-02	4.70E-06	0.0757916	2.28E-02	1.76E-03	1.11E-02	3.32E-03	1.49E-04	2.28E-04	1.70E-02	5.64E-02
619	490186.72, 3859935.12	4.20E-02	1.88E-03	1.18E-02	3.31E-03	1.48E-04	1.66E-02	4.65E-06	0.07579694	2.28E-02	1.88E-03	1.18E-02	3.31E-03	1.48E-04	2.27E-04	1.66E-02	5.68E-02
620	490236.72, 3859935.12	4.18E-02	2.02E-03	1.25E-02	3.31E-03	1.47E-04	1.63E-02	4.60E-06	0.07603903	2.28E-02	2.02E-03	1.25E-02	3.31E-03	1.47E-04	2.25E-04	1.63E-02	5.73E-02
621	490286.72, 3859935.12	4.17E-02	2.18E-03	1.32E-02	3.31E-03	1.46E-04	1.59E-02	4.55E-06	0.07645878	2.30E-02	2.18E-03	1.32E-02	3.31E-03	1.46E-04	2.23E-04	1.59E-02	5.80E-02
622	490336.72, 3859935.12	4.17E-02	2.36E-03	1.41E-02	3.31E-03	1.45E-04	1.56E-02	4.49E-06	0.07715234	2.32E-02	2.36E-03	1.41E-02	3.31E-03	1.45E-04	2.21E-04	1.56E-02	5.89E-02
623	490386.72, 3859935.12	4.19E-02	2.58E-03	1.50E-02	3.31E-03	1.45E-04	1.53E-02	4.44E-06	0.07825799	2.36E-02	2.58E-03	1.50E-02	3.31E-03	1.45E-04	2.19E-04	1.53E-02	6.01E-02
624	490436.72, 3859935.12	4.24E-02	2.84E-03	1.61E-02	3.31E-03	1.44E-04	1.49E-02	4.39E-06	0.0797517	2.41E-02	2.84E-03	1.61E-02	3.31E-03	1.44E-04	2.17E-04	1.49E-02	6.17E-02
625	490486.72, 3859935.12	4.31E-02	3.17E-03	1.75E-02	3.32E-03	1.43E-04	1.46E-02	4.34E-06	0.08186362	2.49E-02	3.17E-03	1.75E-02	3.32E-03	1.43E-04	2.16E-04	1.46E-02	6.38E-02
626	490536.72, 3859935.12	4.45E-02	3.61E-03	1.94E-02	3.34E-03	1.43E-04	1.43E-02	4.31E-06	0.08524053	2.61E-02	3.61E-03	1.94E-02	3.34E-03	1.43E-04	2.14E-04	1.43E-02	6.71E-02
627	490586.72, 3859935.12	4.64E-02	4.20E-03	2.18E-02	3.36E-03	1.44E-04	1.40E-02	4.30E-06	0.08993433	2.78E-02	4.20E-03	2.18E-02	3.36E-03	1.44E-04	2.14E-04	1.40E-02	7.15E-02
628	490636.72, 3859935.12	4.91E-02	4.97E-03	2.45E-02	3.38E-03	1.43E-04	1.37E-02	4.27E-06	0.09573602	3.00E-02	4.97E-03	2.45E-02	3.38E-03	1.43E-04	2.12E-04	1.37E-02	7.69E-02
629	490686.72, 3859935.12	5.34E-02	6.14E-03	2.87E-02	3.40E-03	1.44E-04	1.34E-02	4.27E-06	0.10515344	3.36E-02	6.14E-03	2.87E-02	3.40E-03	1.44E-04	2.12E-04	1.34E-02	8.56E-02
630	490736.72, 3859935.12	5.99E-02	7.81E-03	3.37E-02	3.42E-03	1.44E-04	1.31E-02	4.27E-06	0.11809565	3.89E-02	7.81E-03	3.37E-02	3.42E-03	1.44E-04	2.11E-04	1.31E-02	9.73E-02
631	490086.72, 3859985.12	4.17E-02	1.45E-03	9.31E-03	3.24E-03	1.46E-04	1.74E-02	4.46E-06	0.07323757	2.21E-02	1.45E-03	9.31E-03	3.24E-03	1.46E-04	2.25E-04	1.74E-02	5.39E-02
632	490136.72, 3859985.12	4.10E-02	1.53E-03	9.77E-03	3.23E-03	1.45E-04	1.70E-02	4.41E-06	0.0726974	2.18E-02	1.53E-03	9.77E-03	3.23E-03	1.45E-04	2.24E-04	1.70E-02	5.38E-02
633	490186.72, 3859985.12	4.05E-02	1.62E-03	1.03E-02	3.22E-03	1.45E-04	1.66E-02	4.37E-06	0.07238308	2.17E-02	1.62E-03	1.03E-02	3.22E-03	1.45E-04	2.23E-04	1.66E-02	5.38E-02
634	490236.72, 3859985.12	4.01E-02	1.72E-03	1.09E-02	3.21E-03	1.44E-04	1.62E-02	4.33E-06	0.07228316	2.16E-02	1.72E-03	1.09E-02	3.21E-03	1.44E-04	2.22E-04	1.62E-02	5.41E-02
635	490286.72, 3859985.12	3.97E-02	1.83E-03	1.15E-02	3.20E-03	1.43E-04	1.59E-02	4.28E-06	0.07227668	2.16E-02	1.83E-03	1.15E-02	3.20E-03	1.43E-04	2.20E-04	1.59E-02	5.44E-02
636	490336.72, 3859985.12	3.95E-02	1.96E-03	1.21E-02	3.20E-03	1.42E-04	1.55E-02	4.24E-06	0.07243398	2.16E-02	1.96E-03	1.21E-02	3.20E-03	1.42E-04	2.18E-04	1.55E-02	5.48E-02
637	490386.72, 3859985.12	3.94E-02	2.10E-03	1.27E-02	3.19E-03	1.41E-04	1.52E-02	4.18E-06	0.07271786	2.17E-02	2.10E-03	1.27E-02	3.19E-03	1.41E-04	2.16E-04	1.52E-02	5.53E-02
638	490436.72, 3859985.12	3.94E-02	2.26E-03	1.35E-02	3.19E-03	1.40E-04	1.49E-02	4.13E-06	0.07335871	2.20E-02	2.26E-03	1.35E-02	3.19E-03	1.40E-04	2.14E-04	1.49E-02	5.61E-02

639	490486.72, 3859985.12	3.97E-02	2.46E-03	1.44E-02	3.20E-03	1.39E-04	1.45E-02	4.09E-06	0.07442352	2.23E-02	2.46E-03	1.44E-02	3.20E-03	1.39E-04	2.12E-04	1.45E-02	5.73E-02
640	490536.72, 3859985.12	4.02E-02	2.71E-03	1.56E-02	3.21E-03	1.39E-04	1.42E-02	4.05E-06	0.07606502	2.29E-02	2.71E-03	1.56E-02	3.21E-03	1.39E-04	2.11E-04	1.42E-02	5.90E-02
641	490586.72, 3859985.12	4.11E-02	3.02E-03	1.70E-02	3.22E-03	1.39E-04	1.39E-02	4.03E-06	0.07842809	2.37E-02	3.02E-03	1.70E-02	3.22E-03	1.39E-04	2.10E-04	1.39E-02	6.13E-02
642	490636.72, 3859985.12	4.24E-02	3.42E-03	1.88E-02	3.24E-03	1.39E-04	1.36E-02	4.02E-06	0.08168014	2.49E-02	3.42E-03	1.88E-02	3.24E-03	1.39E-04	2.09E-04	1.36E-02	6.43E-02
643	490686.72, 3859985.12	4.45E-02	3.95E-03	2.13E-02	3.27E-03	1.39E-04	1.33E-02	4.01E-06	0.08647347	2.65E-02	3.95E-03	2.13E-02	3.27E-03	1.39E-04	2.08E-04	1.33E-02	6.87E-02
644	490736.72, 3859985.12	4.72E-02	4.62E-03	2.37E-02	3.28E-03	1.39E-04	1.30E-02	3.99E-06	0.09202061	2.87E-02	4.62E-03	2.37E-02	3.28E-03	1.39E-04	2.07E-04	1.30E-02	7.37E-02
645	490786.72, 3859985.12	5.16E-02	5.54E-03	2.67E-02	3.29E-03	1.39E-04	1.28E-02	3.97E-06	0.10005151	3.20E-02	5.54E-03	2.67E-02	3.29E-03	1.39E-04	2.06E-04	1.28E-02	8.06E-02
646	490086.72, 3860035.12	4.05E-02	1.30E-03	8.36E-03	3.16E-03	1.43E-04	1.74E-02	4.20E-06	0.07091033	2.13E-02	1.30E-03	8.36E-03	3.16E-03	1.43E-04	2.21E-04	1.74E-02	5.19E-02
647	490136.72, 3860035.12	3.98E-02	1.36E-03	8.73E-03	3.14E-03	1.42E-04	1.70E-02	4.16E-06	0.07015704	2.10E-02	1.36E-03	8.73E-03	3.14E-03	1.42E-04	2.20E-04	1.70E-02	5.16E-02
648	490186.72, 3860035.12	3.91E-02	1.43E-03	9.15E-03	3.13E-03	1.41E-04	1.66E-02	4.11E-06	0.0695451	2.08E-02	1.43E-03	9.15E-03	3.13E-03	1.41E-04	2.19E-04	1.66E-02	5.14E-02
649	490236.72, 3860035.12	3.86E-02	1.50E-03	9.59E-03	3.11E-03	1.40E-04	1.62E-02	4.07E-06	0.06910782	2.06E-02	1.50E-03	9.59E-03	3.11E-03	1.40E-04	2.18E-04	1.62E-02	5.14E-02
650	490286.72, 3860035.12	3.81E-02	1.58E-03	1.01E-02	3.10E-03	1.39E-04	1.58E-02	4.03E-06	0.06877356	2.05E-02	1.58E-03	1.01E-02	3.10E-03	1.39E-04	2.16E-04	1.58E-02	5.14E-02
651	490336.72, 3860035.12	3.77E-02	1.68E-03	1.06E-02	3.10E-03	1.38E-04	1.54E-02	4.00E-06	0.06870424	2.04E-02	1.68E-03	1.06E-02	3.10E-03	1.38E-04	2.15E-04	1.54E-02	5.16E-02
652	490386.72, 3860035.12	3.74E-02	1.78E-03	1.11E-02	3.09E-03	1.37E-04	1.51E-02	3.95E-06	0.06861419	2.04E-02	1.78E-03	1.11E-02	3.09E-03	1.37E-04	2.13E-04	1.51E-02	5.18E-02
653	490436.72, 3860035.12	3.73E-02	1.89E-03	1.16E-02	3.09E-03	1.36E-04	1.48E-02	3.91E-06	0.06877523	2.05E-02	1.89E-03	1.16E-02	3.09E-03	1.36E-04	2.11E-04	1.48E-02	5.22E-02
654	490486.72, 3860035.12	3.72E-02	2.02E-03	1.23E-02	3.09E-03	1.35E-04	1.44E-02	3.87E-06	0.06922202	2.06E-02	2.02E-03	1.23E-02	3.09E-03	1.35E-04	2.09E-04	1.44E-02	5.28E-02
655	490536.72, 3860035.12	3.74E-02	2.19E-03	1.31E-02	3.09E-03	1.35E-04	1.41E-02	3.83E-06	0.07006424	2.09E-02	2.19E-03	1.31E-02	3.09E-03	1.35E-04	2.08E-04	1.41E-02	5.37E-02
656	490586.72, 3860035.12	3.78E-02	2.38E-03	1.40E-02	3.10E-03	1.34E-04	1.38E-02	3.80E-06	0.07123336	2.13E-02	2.38E-03	1.40E-02	3.10E-03	1.34E-04	2.06E-04	1.38E-02	5.50E-02
657	490636.72, 3860035.12	3.84E-02	2.60E-03	1.50E-02	3.11E-03	1.34E-04	1.35E-02	3.77E-06	0.07270014	2.19E-02	2.60E-03	1.50E-02	3.11E-03	1.34E-04	2.04E-04	1.35E-02	5.64E-02
658	490686.72, 3860035.12	3.93E-02	2.88E-03	1.64E-02	3.12E-03	1.34E-04	1.32E-02	3.75E-06	0.0750699	2.27E-02	2.88E-03	1.64E-02	3.12E-03	1.34E-04	2.03E-04	1.32E-02	5.86E-02
659	490736.72, 3860035.12	4.09E-02	3.27E-03	1.83E-02	3.15E-03	1.34E-04	1.29E-02	3.75E-06	0.07868459	2.39E-02	3.27E-03	1.83E-02	3.15E-03	1.34E-04	2.03E-04	1.29E-02	6.19E-02
660	490786.72, 3860035.12	4.28E-02	3.72E-03	2.01E-02	3.16E-03	1.34E-04	1.27E-02	3.73E-06	0.08262533	2.54E-02	3.72E-03	2.01E-02	3.16E-03	1.34E-04	2.02E-04	1.27E-02	6.54E-02
661	490836.72, 3860035.12	4.56E-02	4.31E-03	2.23E-02	3.17E-03	1.34E-04	1.24E-02	3.71E-06	0.08786377	2.75E-02	4.31E-03	2.23E-02	3.17E-03	1.34E-04	2.01E-04	1.24E-02	7.00E-02
662	490086.72, 3860085.12	3.96E-02	1.18E-03	7.64E-03	3.09E-03	1.39E-04	1.73E-02	4.00E-06	0.0689475	2.07E-02	1.18E-03	7.64E-03	3.09E-03	1.39E-04	2.17E-04	1.73E-02	5.03E-02
663	490136.72, 3860085.12	3.86E-02	1.23E-03	7.88E-03	3.07E-03	1.38E-04	1.69E-02	3.94E-06	0.06790927	2.03E-02	1.23E-03	7.88E-03	3.07E-03	1.38E-04	2.15E-04	1.69E-02	4.98E-02
664	490186.72, 3860085.12	3.79E-02	1.28E-03	8.26E-03	3.05E-03	1.38E-04	1.65E-02	3.90E-06	0.06716691	2.00E-02	1.28E-03	8.26E-03	3.05E-03	1.38E-04	2.15E-04	1.65E-02	4.95E-02
665	490236.72, 3860085.12	3.73E-02	1.34E-03	8.61E-03	3.03E-03	1.37E-04	1.61E-02	3.86E-06	0.06648916	1.98E-02	1.34E-03	8.61E-03	3.03E-03	1.37E-04	2.14E-04	1.61E-02	4.92E-02
666	490286.72, 3860085.12	3.67E-02	1.40E-03	8.99E-03	3.02E-03	1.36E-04	1.57E-02	3.82E-06	0.06595603	1.96E-02	1.40E-03	8.99E-03	3.02E-03	1.36E-04	2.13E-04	1.57E-02	4.91E-02
667	490336.72, 3860085.12	3.62E-02	1.47E-03	9.37E-03	3.01E-03	1.35E-04	1.54E-02	3.78E-06	0.0655262	1.94E-02	1.47E-03	9.37E-03	3.01E-03	1.35E-04	2.11E-04	1.54E-02	4.90E-02
668	490386.72, 3860085.12	3.58E-02	1.55E-03	9.78E-03	3.00E-03	1.34E-04	1.50E-02	3.74E-06	0.06524486	1.93E-02	1.55E-03	9.78E-03	3.00E-03	1.34E-04	2.10E-04	1.50E-02	4.90E-02
669	490436.72, 3860085.12	3.55E-02	1.63E-03	1.02E-02	2.99E-03	1.33E-04	1.46E-02	3.70E-06	0.06512759	1.93E-02	1.63E-03	1.02E-02	2.99E-03	1.33E-04	2.08E-04	1.46E-02	4.91E-02
670	490486.72, 3860085.12	3.53E-02	1.73E-03	1.07E-02	2.98E-03	1.32E-04	1.43E-02	3.66E-06	0.06514738	1.93E-02	1.73E-03	1.07E-02	2.98E-03	1.32E-04	2.06E-04	1.43E-02	4.94E-02
671	490536.72, 3860085.12	3.53E-02	1.84E-03	1.13E-02	2.99E-03	1.31E-04	1.40E-02	3.63E-06	0.06550969	1.94E-02	1.84E-03	1.13E-02	2.99E-03	1.31E-04	2.04E-04	1.40E-02	4.99E-02
672	490586.72, 3860085.12	3.53E-02	1.97E-03	1.20E-02	2.99E-03	1.31E-04	1.37E-02	3.60E-06	0.06610634	1.96E-02	1.97E-03	1.20E-02	2.99E-03	1.31E-04	2.03E-04	1.37E-02	5.06E-02
673	490636.72, 3860085.12	3.56E-02	2.12E-03	1.27E-02	2.99E-03	1.30E-04	1.34E-02	3.57E-06	0.06691161	1.99E-02	2.12E-03	1.27E-02	2.99E-03	1.30E-04	2.01E-04	1.34E-02	5.15E-02
674	490686.72, 3860085.12	3.61E-02	2.31E-03	1.36E-02	3.00E-03	1.30E-04	1.31E-02	3.55E-06	0.06823522	2.04E-02	2.31E-03	1.36E-02	3.00E-03	1.30E-04	2.00E-04	1.31E-02	5.28E-02
675	490736.72, 3860085.12	3.68E-02	2.54E-03	1.48E-02	3.02E-03	1.30E-04	1.28E-02	3.53E-06	0.0700951	2.10E-02	2.54E-03	1.48E-02	3.02E-03	1.30E-04	1.99E-04	1.28E-02	5.45E-02
676	490786.72, 3860085.12	3.79E-02	2.82E-03	1.62E-02	3.03E-03	1.30E-04	1.25E-02	3.52E-06	0.07253899	2.19E-02	2.82E-03	1.62E-02	3.03E-03	1.30E-04	1.98E-04	1.25E-02	5.68E-02
677	490836.72, 3860085.12	3.92E-02	3.16E-03	1.76E-02	3.04E-03	1.29E-04	1.23E-02	3.49E-06	0.07539158	2.29E-02	3.16E-03	1.76E-02	3.04E-03	1.29E-04	1.97E-04	1.23E-02	5.93E-02
678	490086.72, 3860135.12	3.84E-02	1.08E-03	6.86E-03	3.01E-03	1.35E-04	1.74E-02	3.79E-06	0.06684812	2.00E-02	1.08E-03	6.86E-03	3.01E-03	1.35E-04	2.11E-04	1.74E-02	4.87E-02
679	490136.72, 3860135.12	3.75E-02	1.12E-03	7.15E-03	2.99E-03	1.35E-04	1.69E-02	3.74E-06	0.06578579	1.96E-02	1.12E-03	7.15E-03	2.99E-03	1.35E-04	2.11E-04	1.69E-02	4.81E-02
680	490186.72, 3860135.12	3.67E-02	1.16E-03	7.46E-03	2.98E-03	1.34E-04	1.64E-02	3.70E-06	0.0648949	1.93E-02	1.16E-03	7.46E-03	2.98E-03	1.34E-04	2.10E-04	1.64E-02	4.77E-02
681	490236.72, 3860135.12	3.60E-02	1.21E-03	7.76E-03	2.96E-03	1.33E-04	1.60E-02	3.66E-06	0.06405662	1.90E-02	1.21E-03	7.76E-03	2.96E-03	1.33E-04	2.10E-04	1.60E-02	4.73E-02
682	490286.72, 3860135.12	3.54E-02	1.26E-03	8.08E-03	2.94E-03	1.33E-04	1.56E-02	3.62E-06	0.06338121	1.88E-02	1.26E-03	8.08E-03	2.94E-03	1.33E-04	2.09E-04	1.56E-02	4.70E-02
683	490336.72, 3860135.12	3.48E-02	1.32E-03	8.42E-03	2.93E-03	1.32E-04	1.52E-02	3.59E-06	0.06281998	1.86E-02	1.32E-03	8.42E-03	2.93E-03	1.32E-04	2.08E-04	1.52E-02	4.68E-02
684	490386.72, 3860135.12	3.43E-02	1.38E-03	8.76E-03	2.92E-03	1.31E-04	1.49E-02	3.55E-06	0.06235238	1.84E-02	1.38E-03	8.76E-03	2.92E-03	1.31E-04	2.06E-04	1.49E-02	4.66E-02
685	490436.72, 3860135.12	3.39E-02	1.44E-03	9.10E-03	2.90E-03	1.30E-04	1.45E-02	3.51E-06	0.06199393	1.83E-02	1.44E-03	9.10E-03	2.90E-03	1.30E-04	2.05E-04	1.45E-02	4.66E-02
686	490486.72, 3860135.12	3.36E-02	1.52E-03	9.50E-03	2.90E-03	1.29E-04	1.42E-02	3.48E-06	0.06181664	1.82E-02	1.52E-03	9.50E-03	2.90E-03	1.29E-04	2.03E-04	1.42E-02	4.66E-02
687	490536.72, 3860135.12	3.34E-02	1.60E-03	9.99E-03	2.89E-03	1.28E-04	1.38E-02	3.46E-06	0.0618716	1.82E-02	1.60E-03	9.99E-03	2.89E-03	1.28E-04	2.02E-04	1.38E-02	4.69E-02
688	490586.72, 3860135.12	3.34E-02	1.70E-03	1.05E-02	2.89E-03	1.27E-04	1.35E-02	3.43E-06	0.06208238	1.83E-02	1.70E-03	1.05E-02	2.89E-03	1.27E-04	2.00E-04	1.35E-02	4.73E-02
689	490636.72, 3860135.12	3.34E-02	1.81E-03	1.11E-02	2.89E-03	1.27E-04	1.32E-02	3.40E-06	0.06248154	1.85E-02	1.81E-03	1.11E-02	2.89E-03	1.27E-04	1.98E-04	1.32E-02	4.78E-02
690	490686.72, 3860135.12	3.35E-02	1.94E-03	1.17E-02	2.89E-03	1.26E-04	1.29E-02	3.37E-06	0.06311997	1.87E-02	1.94E-03	1.17E-02	2.89E-03	1.26E-04	1.97E-04	1.29E-02	4.85E-02
691	490736.72, 3860135.12	3.39E-02	2.09E-03	1.25E-02	2.90E-03	1.26E-04	1.26E-02	3.35E-06	0.06413701	1.91E-02	2.09E-03	1.25E-02	2.90E-03	1.26E-04	1.95E-04	1.26E-02	4.95E-02
692	490786.72, 3860135.12	3.45E-02	2.28E-03	1.35E-02	2.91E-03	1.25E-04	1.24E-02	3.33E-06	0.06566792	1.96E-02	2.28E-03	1.35E-02	2.91E-03	1.25E-04	1.94E-04	1.24E-02	5.10E-02

693	490836.72, 3860135.12	3.52E-02	2.51E-03	1.45E-02	2.92E-03	1.25E-04	1.21E-02	3.30E-06	0.06739719	2.02E-02	2.51E-03	1.45E-02	2.92E-03	1.25E-04	1.93E-04	1.21E-02	5.26E-02
694	490086.72, 3860185.12	3.73E-02	9.92E-04	6.27E-03	2.94E-03	1.31E-04	1.73E-02	3.62E-06	0.06488613	1.94E-02	9.92E-04	6.27E-03	2.94E-03	1.31E-04	2.05E-04	1.73E-02	4.72E-02
695	490136.72, 3860185.12	3.63E-02	1.03E-03	6.54E-03	2.93E-03	1.31E-04	1.68E-02	3.58E-06	0.06375573	1.90E-02	1.03E-03	6.54E-03	2.93E-03	1.31E-04	2.06E-04	1.68E-02	4.66E-02
696	490186.72, 3860185.12	3.55E-02	1.07E-03	6.81E-03	2.91E-03	1.31E-04	1.63E-02	3.53E-06	0.06272718	1.86E-02	1.07E-03	6.81E-03	2.91E-03	1.31E-04	2.06E-04	1.63E-02	4.60E-02
697	490236.72, 3860185.12	3.47E-02	1.11E-03	7.06E-03	2.89E-03	1.30E-04	1.59E-02	3.49E-06	0.06178763	1.83E-02	1.11E-03	7.06E-03	2.89E-03	1.30E-04	2.05E-04	1.59E-02	4.55E-02
698	490286.72, 3860185.12	3.41E-02	1.15E-03	7.32E-03	2.87E-03	1.29E-04	1.54E-02	3.45E-06	0.06098028	1.80E-02	1.15E-03	7.32E-03	2.87E-03	1.29E-04	2.05E-04	1.54E-02	4.51E-02
699	490336.72, 3860185.12	3.34E-02	1.20E-03	7.60E-03	2.85E-03	1.29E-04	1.50E-02	3.41E-06	0.06028448	1.78E-02	1.20E-03	7.60E-03	2.85E-03	1.29E-04	2.04E-04	1.50E-02	4.48E-02
700	490386.72, 3860185.12	3.29E-02	1.25E-03	7.90E-03	2.84E-03	1.28E-04	1.47E-02	3.38E-06	0.05969342	1.76E-02	1.25E-03	7.90E-03	2.84E-03	1.28E-04	2.03E-04	1.47E-02	4.45E-02
701	490436.72, 3860185.12	3.25E-02	1.30E-03	8.21E-03	2.83E-03	1.27E-04	1.43E-02	3.35E-06	0.05923689	1.74E-02	1.30E-03	8.21E-03	2.83E-03	1.27E-04	2.02E-04	1.43E-02	4.44E-02
702	490486.72, 3860185.12	3.21E-02	1.36E-03	8.53E-03	2.82E-03	1.26E-04	1.40E-02	3.32E-06	0.05888627	1.73E-02	1.36E-03	8.53E-03	2.82E-03	1.26E-04	2.00E-04	1.40E-02	4.43E-02
703	490536.72, 3860185.12	3.18E-02	1.43E-03	8.91E-03	2.81E-03	1.25E-04	1.36E-02	3.29E-06	0.05870425	1.72E-02	1.43E-03	8.91E-03	2.81E-03	1.25E-04	1.99E-04	1.36E-02	4.43E-02
704	490586.72, 3860185.12	3.16E-02	1.50E-03	9.36E-03	2.81E-03	1.25E-04	1.33E-02	3.27E-06	0.05872936	1.72E-02	1.50E-03	9.36E-03	2.81E-03	1.25E-04	1.97E-04	1.33E-02	4.45E-02
705	490636.72, 3860185.12	3.15E-02	1.59E-03	9.80E-03	2.80E-03	1.24E-04	1.30E-02	3.24E-06	0.05881258	1.73E-02	1.59E-03	9.80E-03	2.80E-03	1.24E-04	1.96E-04	1.30E-02	4.48E-02
706	490686.72, 3860185.12	3.15E-02	1.69E-03	1.03E-02	2.80E-03	1.23E-04	1.27E-02	3.22E-06	0.05918127	1.74E-02	1.69E-03	1.03E-02	2.80E-03	1.23E-04	1.94E-04	1.27E-02	4.53E-02
707	490736.72, 3860185.12	3.16E-02	1.80E-03	1.09E-02	2.80E-03	1.22E-04	1.24E-02	3.19E-06	0.05964753	1.76E-02	1.80E-03	1.09E-02	2.80E-03	1.22E-04	1.92E-04	1.24E-02	4.58E-02
708	490786.72, 3860185.12	3.19E-02	1.93E-03	1.16E-02	2.81E-03	1.22E-04	1.22E-02	3.16E-06	0.0605029	1.79E-02	1.93E-03	1.16E-02	2.81E-03	1.22E-04	1.91E-04	1.22E-02	4.67E-02
709	490836.72, 3860185.12	3.23E-02	2.10E-03	1.24E-02	2.81E-03	1.21E-04	1.19E-02	3.14E-06	0.06166182	1.83E-02	2.10E-03	1.24E-02	2.81E-03	1.21E-04	1.90E-04	1.19E-02	4.78E-02
710	490086.72, 3860235.12	3.61E-02	9.23E-04	5.79E-03	2.88E-03	1.27E-04	1.71E-02	3.47E-06	0.06293006	1.87E-02	9.23E-04	5.79E-03	2.88E-03	1.27E-04	2.00E-04	1.71E-02	4.57E-02
711	490136.72, 3860235.12	3.51E-02	9.53E-04	6.01E-03	2.86E-03	1.27E-04	1.66E-02	3.43E-06	0.06168069	1.83E-02	9.53E-04	6.01E-03	2.86E-03	1.27E-04	2.00E-04	1.66E-02	4.50E-02
712	490186.72, 3860235.12	3.43E-02	9.86E-04	6.24E-03	2.84E-03	1.27E-04	1.61E-02	3.38E-06	0.06057876	1.79E-02	9.86E-04	6.24E-03	2.84E-03	1.27E-04	2.01E-04	1.61E-02	4.44E-02
713	490236.72, 3860235.12	3.35E-02	1.02E-03	6.46E-03	2.83E-03	1.27E-04	1.57E-02	3.34E-06	0.0595651	1.75E-02	1.02E-03	6.46E-03	2.83E-03	1.27E-04	2.01E-04	1.57E-02	4.38E-02
714	490286.72, 3860235.12	3.28E-02	1.06E-03	6.69E-03	2.81E-03	1.26E-04	1.52E-02	3.30E-06	0.05867213	1.72E-02	1.06E-03	6.69E-03	2.81E-03	1.26E-04	2.01E-04	1.52E-02	4.34E-02
715	490336.72, 3860235.12	3.21E-02	1.10E-03	6.94E-03	2.79E-03	1.26E-04	1.48E-02	3.26E-06	0.05789514	1.70E-02	1.10E-03	6.94E-03	2.79E-03	1.26E-04	2.00E-04	1.48E-02	4.30E-02
716	490386.72, 3860235.12	3.16E-02	1.14E-03	7.19E-03	2.77E-03	1.25E-04	1.44E-02	3.23E-06	0.05723006	1.68E-02	1.14E-03	7.19E-03	2.77E-03	1.25E-04	1.99E-04	1.44E-02	4.26E-02
717	490436.72, 3860235.12	3.11E-02	1.19E-03	7.46E-03	2.76E-03	1.24E-04	1.41E-02	3.20E-06	0.05667553	1.66E-02	1.19E-03	7.46E-03	2.76E-03	1.24E-04	1.98E-04	1.41E-02	4.24E-02
718	490486.72, 3860235.12	3.07E-02	1.23E-03	7.74E-03	2.75E-03	1.23E-04	1.37E-02	3.17E-06	0.05621928	1.64E-02	1.23E-03	7.74E-03	2.75E-03	1.23E-04	1.97E-04	1.37E-02	4.22E-02
719	490536.72, 3860235.12	3.03E-02	1.29E-03	8.06E-03	2.74E-03	1.23E-04	1.34E-02	3.15E-06	0.05590387	1.63E-02	1.29E-03	8.06E-03	2.74E-03	1.23E-04	1.96E-04	1.34E-02	4.21E-02
720	490586.72, 3860235.12	3.01E-02	1.35E-03	8.42E-03	2.73E-03	1.22E-04	1.31E-02	3.12E-06	0.05573681	1.63E-02	1.35E-03	8.42E-03	2.73E-03	1.22E-04	1.94E-04	1.31E-02	4.22E-02
721	490636.72, 3860235.12	2.99E-02	1.42E-03	8.80E-03	2.72E-03	1.21E-04	1.28E-02	3.10E-06	0.05569551	1.63E-02	1.42E-03	8.80E-03	2.72E-03	1.21E-04	1.93E-04	1.28E-02	4.23E-02
722	490686.72, 3860235.12	2.98E-02	1.50E-03	9.24E-03	2.72E-03	1.20E-04	1.25E-02	3.08E-06	0.05580418	1.63E-02	1.50E-03	9.24E-03	2.72E-03	1.20E-04	1.91E-04	1.25E-02	4.26E-02
723	490736.72, 3860235.12	2.97E-02	1.59E-03	9.71E-03	2.72E-03	1.20E-04	1.22E-02	3.05E-06	0.05607735	1.64E-02	1.59E-03	9.71E-03	2.72E-03	1.20E-04	1.90E-04	1.22E-02	4.29E-02
724	490786.72, 3860235.12	2.98E-02	1.69E-03	1.02E-02	2.72E-03	1.19E-04	1.19E-02	3.02E-06	0.05651352	1.66E-02	1.69E-03	1.02E-02	2.72E-03	1.19E-04	1.88E-04	1.19E-02	4.35E-02
725	490086.72, 3860285.12	3.48E-02	8.64E-04	5.36E-03	2.81E-03	1.24E-04	1.69E-02	3.33E-06	0.06083728	1.80E-02	8.64E-04	5.36E-03	2.81E-03	1.24E-04	1.94E-04	1.69E-02	4.42E-02
726	490136.72, 3860285.12	3.38E-02	8.91E-04	5.55E-03	2.80E-03	1.24E-04	1.64E-02	3.29E-06	0.05954887	1.76E-02	8.91E-04	5.55E-03	2.80E-03	1.24E-04	1.95E-04	1.64E-02	4.35E-02
727	490186.72, 3860285.12	3.29E-02	9.19E-04	5.74E-03	2.78E-03	1.24E-04	1.59E-02	3.25E-06	0.05836595	1.72E-02	9.19E-04	5.74E-03	2.78E-03	1.24E-04	1.96E-04	1.59E-02	4.28E-02
728	490236.72, 3860285.12	3.22E-02	9.49E-04	5.95E-03	2.77E-03	1.24E-04	1.54E-02	3.21E-06	0.05734056	1.68E-02	9.49E-04	5.95E-03	2.77E-03	1.24E-04	1.96E-04	1.54E-02	4.22E-02
729	490286.72, 3860285.12	3.14E-02	9.80E-04	6.15E-03	2.75E-03	1.23E-04	1.49E-02	3.17E-06	0.05637454	1.65E-02	9.80E-04	6.15E-03	2.75E-03	1.23E-04	1.96E-04	1.49E-02	4.16E-02
730	490336.72, 3860285.12	3.08E-02	1.01E-03	6.35E-03	2.73E-03	1.23E-04	1.45E-02	3.13E-06	0.05553956	1.62E-02	1.01E-03	6.35E-03	2.73E-03	1.23E-04	1.96E-04	1.45E-02	4.12E-02
731	490386.72, 3860285.12	3.02E-02	1.05E-03	6.59E-03	2.71E-03	1.22E-04	1.41E-02	3.09E-06	0.05484762	1.60E-02	1.05E-03	6.59E-03	2.71E-03	1.22E-04	1.95E-04	1.41E-02	4.08E-02
732	490436.72, 3860285.12	2.97E-02	1.09E-03	6.82E-03	2.70E-03	1.22E-04	1.38E-02	3.06E-06	0.05422321	1.58E-02	1.09E-03	6.82E-03	2.70E-03	1.22E-04	1.95E-04	1.38E-02	4.05E-02
733	490486.72, 3860285.12	2.93E-02	1.13E-03	7.07E-03	2.68E-03	1.21E-04	1.34E-02	3.04E-06	0.05370897	1.56E-02	1.13E-03	7.07E-03	2.68E-03	1.21E-04	1.94E-04	1.34E-02	4.03E-02
734	490536.72, 3860285.12	2.89E-02	1.18E-03	7.33E-03	2.67E-03	1.20E-04	1.31E-02	3.01E-06	0.05328133	1.55E-02	1.18E-03	7.33E-03	2.67E-03	1.20E-04	1.93E-04	1.31E-02	4.01E-02
735	490586.72, 3860285.12	2.86E-02	1.23E-03	7.62E-03	2.66E-03	1.19E-04	1.28E-02	2.99E-06	0.05297758	1.54E-02	1.23E-03	7.62E-03	2.66E-03	1.19E-04	1.91E-04	1.28E-02	4.00E-02
736	490636.72, 3860285.12	2.83E-02	1.29E-03	7.95E-03	2.65E-03	1.18E-04	1.25E-02	2.97E-06	0.05281303	1.54E-02	1.29E-03	7.95E-03	2.65E-03	1.18E-04	1.90E-04	1.25E-02	4.00E-02
737	490686.72, 3860285.12	2.82E-02	1.36E-03	8.33E-03	2.64E-03	1.18E-04	1.22E-02	2.95E-06	0.05281067	1.54E-02	1.36E-03	8.33E-03	2.64E-03	1.18E-04	1.89E-04	1.22E-02	4.02E-02
738	490736.72, 3860285.12	2.81E-02	1.43E-03	8.73E-03	2.64E-03	1.17E-04	1.19E-02	2.93E-06	0.05290718	1.54E-02	1.43E-03	8.73E-03	2.64E-03	1.17E-04	1.87E-04	1.19E-02	4.04E-02
739	490786.72, 3860285.12	2.81E-02	1.51E-03	9.19E-03	2.64E-03	1.16E-04	1.17E-02	2.90E-06	0.05317656	1.55E-02	1.51E-03	9.19E-03	2.64E-03	1.16E-04	1.86E-04	1.17E-02	4.08E-02
740	490086.72, 3860335.12	3.34E-02	8.15E-04	4.98E-03	2.75E-03	1.20E-04	1.65E-02	3.21E-06	0.05856999	1.72E-02	8.15E-04	4.98E-03	2.75E-03	1.20E-04	1.89E-04	1.65E-02	4.26E-02
741	490136.72, 3860335.12	3.24E-02	8.38E-04	5.15E-03	2.74E-03	1.20E-04	1.60E-02	3.17E-06	0.05727562	1.68E-02	8.38E-04	5.15E-03	2.74E-03	1.20E-04	1.90E-04	1.60E-02	4.19E-02
742	490186.72, 3860335.12	3.16E-02	8.62E-04	5.32E-03	2.72E-03	1.20E-04	1.55E-02	3.13E-06	0.05608455	1.64E-02	8.62E-04	5.32E-03	2.72E-03	1.20E-04	1.91E-04	1.55E-02	4.11E-02
743	490236.72, 3860335.12	3.08E-02	8.89E-04	5.50E-03	2.71E-03	1.20E-04	1.50E-02	3.09E-06	0.05504903	1.61E-02	8.89E-04	5.50E-03	2.71E-03	1.20E-04	1.91E-04	1.50E-02	4.05E-02
744	490286.72, 3860335.12	3.01E-02	9.16E-04	5.68E-03	2.69E-03	1.20E-04	1.46E-02	3.05E-06	0.05407793	1.58E-02	9.16E-04	5.68E-03	2.69E-03	1.20E-04	1.92E-04	1.46E-02	4.00E-02
745	490336.72, 3860335.12	2.94E-02	9.46E-04	5.86E-03	2.67E-03	1.20E-04	1.42E-02	3.01E-06	0.05321722	1.55E-02	9.46E-04	5.86E-03	2.67E-03	1.20E-04	1.92E-04	1.42E-02	3.95E-02
746	490386.72, 3860335.12	2.89E-02	9.78E-04	6.05E-03	2.66E-03	1.19E-04	1.38E-02	2.98E-06	0.05247279	1.53E-02	9.78E-04	6.05E-03	2.66E-03	1.19E-04	1.91E-04	1.38E-02	3.91E-02

747	490436.72, 3860335.12	2.84E-02	1.01E-03	6.26E-03	2.64E-03	1.19E-04	1.34E-02	2.94E-06	0.0518271	1.50E-02	1.01E-03	6.26E-03	2.64E-03	1.19E-04	1.91E-04	1.34E-02	3.87E-02
748	490486.72, 3860335.12	2.79E-02	1.05E-03	6.48E-03	2.62E-03	1.18E-04	1.31E-02	2.92E-06	0.05125934	1.49E-02	1.05E-03	6.48E-03	2.62E-03	1.18E-04	1.90E-04	1.31E-02	3.84E-02
749	490536.72, 3860335.12	2.75E-02	1.09E-03	6.73E-03	2.61E-03	1.18E-04	1.28E-02	2.89E-06	0.05082314	1.47E-02	1.09E-03	6.73E-03	2.61E-03	1.18E-04	1.90E-04	1.28E-02	3.82E-02
750	490586.72, 3860335.12	2.72E-02	1.14E-03	6.97E-03	2.60E-03	1.17E-04	1.25E-02	2.87E-06	0.05043656	1.46E-02	1.14E-03	6.97E-03	2.60E-03	1.17E-04	1.88E-04	1.25E-02	3.81E-02
751	490636.72, 3860335.12	2.69E-02	1.18E-03	7.25E-03	2.58E-03	1.16E-04	1.22E-02	2.85E-06	0.05019272	1.45E-02	1.18E-03	7.25E-03	2.58E-03	1.16E-04	1.87E-04	1.22E-02	3.80E-02
752	490686.72, 3860335.12	2.67E-02	1.24E-03	7.56E-03	2.58E-03	1.15E-04	1.19E-02	2.83E-06	0.05006043	1.45E-02	1.24E-03	7.56E-03	2.58E-03	1.15E-04	1.86E-04	1.19E-02	3.81E-02
753	490736.72, 3860335.12	2.65E-02	1.30E-03	7.91E-03	2.57E-03	1.15E-04	1.16E-02	2.81E-06	0.05004196	1.45E-02	1.30E-03	7.91E-03	2.57E-03	1.15E-04	1.85E-04	1.16E-02	3.82E-02
754	490786.72, 3860335.12	2.65E-02	1.37E-03	8.32E-03	2.57E-03	1.14E-04	1.14E-02	2.79E-06	0.05021767	1.46E-02	1.37E-03	8.32E-03	2.57E-03	1.14E-04	1.83E-04	1.14E-02	3.85E-02
755	490086.72, 3860385.12	3.18E-02	7.74E-04	4.64E-03	2.69E-03	1.17E-04	1.61E-02	3.09E-06	0.05613067	1.64E-02	7.74E-04	4.64E-03	2.69E-03	1.17E-04	1.84E-04	1.61E-02	4.09E-02
756	490136.72, 3860385.12	3.09E-02	7.94E-04	4.80E-03	2.68E-03	1.17E-04	1.55E-02	3.06E-06	0.05486007	1.60E-02	7.94E-04	4.80E-03	2.68E-03	1.17E-04	1.85E-04	1.55E-02	4.02E-02
757	490186.72, 3860385.12	3.01E-02	8.15E-04	4.94E-03	2.67E-03	1.17E-04	1.51E-02	3.01E-06	0.05368176	1.56E-02	8.15E-04	4.94E-03	2.67E-03	1.17E-04	1.86E-04	1.51E-02	3.94E-02
758	490236.72, 3860385.12	2.93E-02	8.37E-04	5.10E-03	2.65E-03	1.17E-04	1.46E-02	2.98E-06	0.05264847	1.53E-02	8.37E-04	5.10E-03	2.65E-03	1.17E-04	1.86E-04	1.46E-02	3.88E-02
759	490286.72, 3860385.12	2.87E-02	8.62E-04	5.26E-03	2.64E-03	1.17E-04	1.42E-02	2.94E-06	0.05170117	1.50E-02	8.62E-04	5.26E-03	2.64E-03	1.17E-04	1.87E-04	1.42E-02	3.82E-02
760	490336.72, 3860385.12	2.80E-02	8.87E-04	5.43E-03	2.62E-03	1.17E-04	1.38E-02	2.90E-06	0.05084935	1.47E-02	8.87E-04	5.43E-03	2.62E-03	1.17E-04	1.87E-04	1.38E-02	3.77E-02
761	490386.72, 3860385.12	2.75E-02	9.16E-04	5.60E-03	2.60E-03	1.17E-04	1.34E-02	2.87E-06	0.05010175	1.45E-02	9.16E-04	5.60E-03	2.60E-03	1.17E-04	1.87E-04	1.34E-02	3.73E-02
762	490436.72, 3860385.12	2.70E-02	9.46E-04	5.78E-03	2.58E-03	1.16E-04	1.30E-02	2.84E-06	0.04944002	1.43E-02	9.46E-04	5.78E-03	2.58E-03	1.16E-04	1.87E-04	1.30E-02	3.69E-02
763	490486.72, 3860385.12	2.65E-02	9.79E-04	5.98E-03	2.57E-03	1.16E-04	1.27E-02	2.81E-06	0.04889518	1.41E-02	9.79E-04	5.98E-03	2.57E-03	1.16E-04	1.87E-04	1.27E-02	3.67E-02
764	490536.72, 3860385.12	2.61E-02	1.01E-03	6.19E-03	2.55E-03	1.15E-04	1.24E-02	2.79E-06	0.04841372	1.40E-02	1.01E-03	6.19E-03	2.55E-03	1.15E-04	1.86E-04	1.24E-02	3.64E-02
765	490586.72, 3860385.12	2.58E-02	1.05E-03	6.42E-03	2.54E-03	1.14E-04	1.21E-02	2.76E-06	0.04801509	1.38E-02	1.05E-03	6.42E-03	2.54E-03	1.14E-04	1.85E-04	1.21E-02	3.63E-02
766	490636.72, 3860385.12	2.55E-02	1.10E-03	6.65E-03	2.53E-03	1.14E-04	1.18E-02	2.74E-06	0.04770669	1.38E-02	1.10E-03	6.65E-03	2.53E-03	1.14E-04	1.84E-04	1.18E-02	3.61E-02
767	490686.72, 3860385.12	2.53E-02	1.14E-03	6.92E-03	2.52E-03	1.13E-04	1.15E-02	2.72E-06	0.04752035	1.37E-02	1.14E-03	6.92E-03	2.52E-03	1.13E-04	1.83E-04	1.15E-02	3.61E-02
768	490736.72, 3860385.12	2.51E-02	1.20E-03	7.20E-03	2.51E-03	1.12E-04	1.13E-02	2.70E-06	0.04739127	1.37E-02	1.20E-03	7.20E-03	2.51E-03	1.12E-04	1.82E-04	1.13E-02	3.62E-02
769	490786.72, 3860385.12	2.50E-02	1.26E-03	7.52E-03	2.50E-03	1.12E-04	1.10E-02	2.68E-06	0.0473908	1.37E-02	1.26E-03	7.52E-03	2.50E-03	1.12E-04	1.81E-04	1.10E-02	3.63E-02
770	490136.72, 3860435.12	2.93E-02	7.57E-04	4.48E-03	2.62E-03	1.14E-04	1.50E-02	2.95E-06	0.05227422	1.52E-02	7.57E-04	4.48E-03	2.62E-03	1.14E-04	1.80E-04	1.50E-02	3.83E-02
771	490186.72, 3860435.12	2.85E-02	7.75E-04	4.62E-03	2.61E-03	1.14E-04	1.45E-02	2.91E-06	0.05118091	1.48E-02	7.75E-04	4.62E-03	2.61E-03	1.14E-04	1.81E-04	1.45E-02	3.77E-02
772	490236.72, 3860435.12	2.78E-02	7.95E-04	4.76E-03	2.60E-03	1.14E-04	1.41E-02	2.87E-06	0.05017413	1.45E-02	7.95E-04	4.76E-03	2.60E-03	1.14E-04	1.82E-04	1.41E-02	3.71E-02
773	490286.72, 3860435.12	2.72E-02	8.16E-04	4.90E-03	2.58E-03	1.14E-04	1.37E-02	2.84E-06	0.04927298	1.42E-02	8.16E-04	4.90E-03	2.58E-03	1.14E-04	1.82E-04	1.37E-02	3.65E-02
774	490336.72, 3860435.12	2.66E-02	8.38E-04	5.04E-03	2.57E-03	1.14E-04	1.33E-02	2.80E-06	0.04843996	1.40E-02	8.38E-04	5.04E-03	2.57E-03	1.14E-04	1.83E-04	1.33E-02	3.60E-02
775	490386.72, 3860435.12	2.61E-02	8.63E-04	5.19E-03	2.55E-03	1.14E-04	1.29E-02	2.77E-06	0.04772743	1.38E-02	8.63E-04	5.19E-03	2.55E-03	1.14E-04	1.83E-04	1.29E-02	3.56E-02
776	490436.72, 3860435.12	2.56E-02	8.89E-04	5.36E-03	2.53E-03	1.13E-04	1.26E-02	2.74E-06	0.04707342	1.35E-02	8.89E-04	5.36E-03	2.53E-03	1.13E-04	1.83E-04	1.26E-02	3.52E-02
777	490486.72, 3860435.12	2.52E-02	9.19E-04	5.53E-03	2.52E-03	1.13E-04	1.23E-02	2.71E-06	0.04652793	1.34E-02	9.19E-04	5.53E-03	2.52E-03	1.13E-04	1.83E-04	1.23E-02	3.49E-02
778	490536.72, 3860435.12	2.48E-02	9.50E-04	5.72E-03	2.50E-03	1.13E-04	1.20E-02	2.69E-06	0.04605388	1.32E-02	9.50E-04	5.72E-03	2.50E-03	1.13E-04	1.83E-04	1.20E-02	3.47E-02
779	490586.72, 3860435.12	2.45E-02	9.84E-04	5.91E-03	2.49E-03	1.12E-04	1.17E-02	2.66E-06	0.04564717	1.31E-02	9.84E-04	5.91E-03	2.49E-03	1.12E-04	1.82E-04	1.17E-02	3.45E-02
780	490636.72, 3860435.12	2.42E-02	1.02E-03	6.11E-03	2.47E-03	1.11E-04	1.14E-02	2.64E-06	0.04530515	1.30E-02	1.02E-03	6.11E-03	2.47E-03	1.11E-04	1.81E-04	1.14E-02	3.43E-02
781	490686.72, 3860435.12	2.39E-02	1.06E-03	6.34E-03	2.46E-03	1.11E-04	1.12E-02	2.62E-06	0.04506443	1.29E-02	1.06E-03	6.34E-03	2.46E-03	1.11E-04	1.80E-04	1.12E-02	3.43E-02
782	490736.72, 3860435.12	2.37E-02	1.11E-03	6.61E-03	2.45E-03	1.10E-04	1.09E-02	2.60E-06	0.04492904	1.29E-02	1.11E-03	6.61E-03	2.45E-03	1.10E-04	1.80E-04	1.09E-02	3.43E-02
783	490786.72, 3860435.12	2.36E-02	1.16E-03	6.87E-03	2.44E-03	1.09E-04	1.07E-02	2.58E-06	0.04483385	1.29E-02	1.16E-03	6.87E-03	2.44E-03	1.09E-04	1.78E-04	1.07E-02	3.43E-02
784	490136.72, 3860485.12	2.76E-02	7.26E-04	4.21E-03	2.57E-03	1.11E-04	1.44E-02	2.85E-06	0.04962353	1.43E-02	7.26E-04	4.21E-03	2.57E-03	1.11E-04	1.75E-04	1.44E-02	3.65E-02
785	490186.72, 3860485.12	2.69E-02	7.42E-04	4.33E-03	2.56E-03	1.11E-04	1.39E-02	2.82E-06	0.04858435	1.40E-02	7.42E-04	4.33E-03	2.56E-03	1.11E-04	1.76E-04	1.39E-02	3.59E-02
786	490236.72, 3860485.12	2.63E-02	7.59E-04	4.45E-03	2.55E-03	1.11E-04	1.35E-02	2.78E-06	0.0476431	1.37E-02	7.59E-04	4.45E-03	2.55E-03	1.11E-04	1.77E-04	1.35E-02	3.53E-02
787	490286.72, 3860485.12	2.57E-02	7.78E-04	4.58E-03	2.53E-03	1.11E-04	1.31E-02	2.74E-06	0.04680758	1.35E-02	7.78E-04	4.58E-03	2.53E-03	1.11E-04	1.78E-04	1.31E-02	3.48E-02
788	490336.72, 3860485.12	2.51E-02	7.97E-04	4.70E-03	2.52E-03	1.11E-04	1.28E-02	2.71E-06	0.04603017	1.32E-02	7.97E-04	4.70E-03	2.52E-03	1.11E-04	1.78E-04	1.28E-02	3.43E-02
789	490386.72, 3860485.12	2.46E-02	8.19E-04	4.84E-03	2.50E-03	1.11E-04	1.24E-02	2.68E-06	0.04535668	1.30E-02	8.19E-04	4.84E-03	2.50E-03	1.11E-04	1.79E-04	1.24E-02	3.39E-02
790	490436.72, 3860485.12	2.42E-02	8.43E-04	5.00E-03	2.49E-03	1.11E-04	1.21E-02	2.66E-06	0.04478496	1.28E-02	8.43E-04	5.00E-03	2.49E-03	1.11E-04	1.79E-04	1.21E-02	3.36E-02
791	490486.72, 3860485.12	2.38E-02	8.68E-04	5.14E-03	2.47E-03	1.11E-04	1.18E-02	2.63E-06	0.04422873	1.27E-02	8.68E-04	5.14E-03	2.47E-03	1.11E-04	1.79E-04	1.18E-02	3.33E-02
792	490536.72, 3860485.12	2.34E-02	8.95E-04	5.30E-03	2.45E-03	1.10E-04	1.15E-02	2.60E-06	0.04374197	1.25E-02	8.95E-04	5.30E-03	2.45E-03	1.10E-04	1.79E-04	1.15E-02	3.30E-02
793	490586.72, 3860485.12	2.31E-02	9.25E-04	5.46E-03	2.44E-03	1.10E-04	1.13E-02	2.57E-06	0.04333444	1.24E-02	9.25E-04	5.46E-03	2.44E-03	1.10E-04	1.79E-04	1.13E-02	3.28E-02
794	490636.72, 3860485.12	2.28E-02	9.58E-04	5.65E-03	2.42E-03	1.09E-04	1.10E-02	2.55E-06	0.04301325	1.23E-02	9.58E-04	5.65E-03	2.42E-03	1.09E-04	1.78E-04	1.10E-02	3.26E-02
795	490686.72, 3860485.12	2.26E-02	9.93E-04	5.84E-03	2.41E-03	1.09E-04	1.08E-02	2.53E-06	0.04272889	1.22E-02	9.93E-04	5.84E-03	2.41E-03	1.09E-04	1.77E-04	1.08E-02	3.25E-02
796	490736.72, 3860485.12	2.24E-02	1.03E-03	6.06E-03	2.40E-03	1.08E-04	1.05E-02	2.51E-06	0.04254537	1.22E-02	1.03E-03	6.06E-03	2.40E-03	1.08E-04	1.77E-04	1.05E-02	3.25E-02
797	490786.72, 3860485.12	2.22E-02	1.08E-03	6.30E-03	2.39E-03	1.07E-04	1.03E-02	2.49E-06	0.0424269	1.21E-02	1.08E-03	6.30E-03	2.39E-03	1.07E-04	1.76E-04	1.03E-02	3.25E-02
798	490136.72, 3860535.12	2.59E-02	6.99E-04	3.96E-03	2.51E-03	1.08E-04	1.37E-02	2.77E-06	0.04687435	1.35E-02	6.99E-04	3.96E-03	2.51E-03	1.08E-04	1.71E-04	1.37E-02	3.46E-02
799	490186.72, 3860535.12	2.53E-02	7.14E-04	4.09E-03	2.51E-03	1.08E-04	1.33E-02	2.73E-06	0.04599756	1.32E-02	7.14E-04	4.09E-03	2.51E-03	1.08E-04	1.72E-04	1.33E-02	3.41E-02
800	490236.72, 3860535.12	2.47E-02	7.30E-04	4.18E-03	2.49E-03	1.08E-04	1.29E-02	2.69E-06	0.04510583	1.29E-02	7.30E-04	4.18E-03	2.49E-03	1.08E-04	1.72E-04	1.29E-02	3.35E-02

801	490286.72, 3860535.12	2.42E-02	7.46E-04	4.28E-03	2.48E-03	1.08E-04	1.25E-02	2.66E-06	0.04431812	1.27E-02	7.46E-04	4.28E-03	2.48E-03	1.08E-04	1.73E-04	1.25E-02	3.30E-02
802	490336.72, 3860535.12	2.37E-02	7.64E-04	4.40E-03	2.47E-03	1.08E-04	1.22E-02	2.63E-06	0.04363489	1.25E-02	7.64E-04	4.40E-03	2.47E-03	1.08E-04	1.74E-04	1.22E-02	3.26E-02
803	490386.72, 3860535.12	2.33E-02	7.83E-04	4.53E-03	2.46E-03	1.08E-04	1.19E-02	2.60E-06	0.04304561	1.23E-02	7.83E-04	4.53E-03	2.46E-03	1.08E-04	1.74E-04	1.19E-02	3.22E-02
804	490436.72, 3860535.12	2.29E-02	8.04E-04	4.67E-03	2.44E-03	1.08E-04	1.16E-02	2.58E-06	0.04250737	1.21E-02	8.04E-04	4.67E-03	2.44E-03	1.08E-04	1.75E-04	1.16E-02	3.19E-02
805	490486.72, 3860535.12	2.25E-02	8.26E-04	4.81E-03	2.43E-03	1.08E-04	1.13E-02	2.55E-06	0.04201842	1.20E-02	8.26E-04	4.81E-03	2.43E-03	1.08E-04	1.75E-04	1.13E-02	3.17E-02
806	490536.72, 3860535.12	2.22E-02	8.51E-04	4.99E-03	2.42E-03	1.08E-04	1.11E-02	2.53E-06	0.04165839	1.19E-02	8.51E-04	4.99E-03	2.42E-03	1.08E-04	1.76E-04	1.11E-02	3.15E-02
807	490586.72, 3860535.12	2.19E-02	8.76E-04	5.09E-03	2.39E-03	1.07E-04	1.08E-02	2.50E-06	0.041153	1.17E-02	8.76E-04	5.09E-03	2.39E-03	1.07E-04	1.75E-04	1.08E-02	3.12E-02
808	490636.72, 3860535.12	2.16E-02	9.04E-04	5.24E-03	2.38E-03	1.07E-04	1.06E-02	2.47E-06	0.04081357	1.16E-02	9.04E-04	5.24E-03	2.38E-03	1.07E-04	1.75E-04	1.06E-02	3.10E-02
809	490686.72, 3860535.12	2.14E-02	9.35E-04	5.41E-03	2.36E-03	1.06E-04	1.04E-02	2.45E-06	0.04054972	1.15E-02	9.35E-04	5.41E-03	2.36E-03	1.06E-04	1.74E-04	1.04E-02	3.09E-02
810	490736.72, 3860535.12	2.11E-02	9.69E-04	5.58E-03	2.35E-03	1.06E-04	1.02E-02	2.43E-06	0.04030618	1.15E-02	9.69E-04	5.58E-03	2.35E-03	1.06E-04	1.74E-04	1.02E-02	3.08E-02
811	490786.72, 3860535.12	2.10E-02	1.01E-03	5.79E-03	2.34E-03	1.05E-04	9.96E-03	2.41E-06	0.04017114	1.14E-02	1.01E-03	5.79E-03	2.34E-03	1.05E-04	1.73E-04	9.96E-03	3.08E-02
812	490136.72, 3860585.12	2.42E-02	6.75E-04	3.76E-03	2.46E-03	1.05E-04	1.29E-02	2.69E-06	0.04416136	1.26E-02	6.75E-04	3.76E-03	2.46E-03	1.05E-04	1.66E-04	1.29E-02	3.27E-02
813	490186.72, 3860585.12	2.36E-02	6.87E-04	3.80E-03	2.45E-03	1.05E-04	1.26E-02	2.64E-06	0.04320817	1.23E-02	6.87E-04	3.80E-03	2.45E-03	1.05E-04	1.66E-04	1.26E-02	3.21E-02
814	490236.72, 3860585.12	2.31E-02	7.02E-04	3.92E-03	2.44E-03	1.05E-04	1.22E-02	2.61E-06	0.0425166	1.21E-02	7.02E-04	3.92E-03	2.44E-03	1.05E-04	1.67E-04	1.22E-02	3.17E-02
815	490286.72, 3860585.12	2.27E-02	7.18E-04	4.02E-03	2.43E-03	1.05E-04	1.19E-02	2.58E-06	0.04187829	1.19E-02	7.18E-04	4.02E-03	2.43E-03	1.05E-04	1.68E-04	1.19E-02	3.13E-02
816	490336.72, 3860585.12	2.23E-02	7.34E-04	4.13E-03	2.42E-03	1.05E-04	1.16E-02	2.55E-06	0.04127392	1.17E-02	7.34E-04	4.13E-03	2.42E-03	1.05E-04	1.69E-04	1.16E-02	3.09E-02
817	490386.72, 3860585.12	2.19E-02	7.51E-04	4.24E-03	2.41E-03	1.05E-04	1.13E-02	2.52E-06	0.04071624	1.16E-02	7.51E-04	4.24E-03	2.41E-03	1.05E-04	1.70E-04	1.13E-02	3.06E-02
818	490436.72, 3860585.12	2.16E-02	7.70E-04	4.39E-03	2.40E-03	1.06E-04	1.11E-02	2.50E-06	0.04031724	1.14E-02	7.70E-04	4.39E-03	2.40E-03	1.06E-04	1.71E-04	1.11E-02	3.04E-02
819	490486.72, 3860585.12	2.13E-02	7.90E-04	4.54E-03	2.39E-03	1.06E-04	1.09E-02	2.49E-06	0.03993831	1.13E-02	7.90E-04	4.54E-03	2.39E-03	1.06E-04	1.72E-04	1.09E-02	3.02E-02
820	490536.72, 3860585.12	2.09E-02	8.12E-04	4.65E-03	2.37E-03	1.06E-04	1.06E-02	2.46E-06	0.03951281	1.12E-02	8.12E-04	4.65E-03	2.37E-03	1.06E-04	1.72E-04	1.06E-02	2.99E-02
821	490586.72, 3860585.12	2.06E-02	8.34E-04	4.72E-03	2.35E-03	1.05E-04	1.04E-02	2.42E-06	0.0390034	1.11E-02	8.34E-04	4.72E-03	2.35E-03	1.05E-04	1.71E-04	1.04E-02	2.96E-02
822	490636.72, 3860585.12	2.04E-02	8.59E-04	4.86E-03	2.33E-03	1.05E-04	1.02E-02	2.40E-06	0.0387098	1.10E-02	8.59E-04	4.86E-03	2.33E-03	1.05E-04	1.71E-04	1.02E-02	2.95E-02
823	490686.72, 3860585.12	2.02E-02	8.86E-04	5.01E-03	2.32E-03	1.04E-04	9.95E-03	2.37E-06	0.03843558	1.09E-02	8.86E-04	5.01E-03	2.32E-03	1.04E-04	1.71E-04	9.95E-03	2.93E-02
824	490736.72, 3860585.12	2.00E-02	9.16E-04	5.17E-03	2.30E-03	1.04E-04	9.76E-03	2.35E-06	0.03822258	1.08E-02	9.16E-04	5.17E-03	2.30E-03	1.04E-04	1.71E-04	9.76E-03	2.93E-02
825	490786.72, 3860585.12	1.98E-02	9.49E-04	5.33E-03	2.29E-03	1.03E-04	9.57E-03	2.33E-06	0.0380306	1.08E-02	9.49E-04	5.33E-03	2.29E-03	1.03E-04	1.70E-04	9.57E-03	2.92E-02
826	490136.72, 3860635.12	2.26E-02	6.50E-04	3.58E-03	2.42E-03	1.03E-04	1.22E-02	2.62E-06	0.04151386	1.18E-02	6.50E-04	3.58E-03	2.42E-03	1.03E-04	1.63E-04	1.22E-02	3.09E-02
827	490186.72, 3860635.12	2.21E-02	6.64E-04	3.64E-03	2.41E-03	1.03E-04	1.19E-02	2.58E-06	0.04075678	1.16E-02	6.64E-04	3.64E-03	2.41E-03	1.03E-04	1.63E-04	1.19E-02	3.04E-02
828	490236.72, 3860635.12	2.16E-02	6.77E-04	3.70E-03	2.39E-03	1.02E-04	1.16E-02	2.53E-06	0.04003576	1.13E-02	6.77E-04	3.70E-03	2.39E-03	1.02E-04	1.63E-04	1.16E-02	2.99E-02
829	490286.72, 3860635.12	2.12E-02	6.92E-04	3.78E-03	2.38E-03	1.03E-04	1.13E-02	2.50E-06	0.03945032	1.12E-02	6.92E-04	3.78E-03	2.38E-03	1.03E-04	1.64E-04	1.13E-02	2.96E-02
830	490336.72, 3860635.12	2.08E-02	7.07E-04	3.88E-03	2.37E-03	1.03E-04	1.10E-02	2.47E-06	0.0389466	1.10E-02	7.07E-04	3.88E-03	2.37E-03	1.03E-04	1.65E-04	1.10E-02	2.93E-02
831	490386.72, 3860635.12	2.05E-02	7.23E-04	3.98E-03	2.36E-03	1.03E-04	1.08E-02	2.45E-06	0.0384846	1.09E-02	7.23E-04	3.98E-03	2.36E-03	1.03E-04	1.66E-04	1.08E-02	2.90E-02
832	490436.72, 3860635.12	2.02E-02	7.40E-04	4.08E-03	2.35E-03	1.03E-04	1.06E-02	2.42E-06	0.03804662	1.08E-02	7.40E-04	4.08E-03	2.35E-03	1.03E-04	1.66E-04	1.06E-02	2.87E-02
833	490486.72, 3860635.12	1.99E-02	7.59E-04	4.19E-03	2.34E-03	1.03E-04	1.03E-02	2.40E-06	0.03766732	1.06E-02	7.59E-04	4.19E-03	2.34E-03	1.03E-04	1.67E-04	1.03E-02	2.85E-02
834	490536.72, 3860635.12	1.97E-02	7.79E-04	4.32E-03	2.33E-03	1.03E-04	1.01E-02	2.38E-06	0.03735753	1.05E-02	7.79E-04	4.32E-03	2.33E-03	1.03E-04	1.68E-04	1.01E-02	2.84E-02
835	490586.72, 3860635.12	1.95E-02	7.99E-04	4.42E-03	2.31E-03	1.03E-04	9.91E-03	2.35E-06	0.03699723	1.05E-02	7.99E-04	4.42E-03	2.31E-03	1.03E-04	1.68E-04	9.91E-03	2.82E-02
836	490636.72, 3860635.12	1.92E-02	8.21E-04	4.54E-03	2.29E-03	1.02E-04	9.72E-03	2.33E-06	0.03671165	1.04E-02	8.21E-04	4.54E-03	2.29E-03	1.02E-04	1.68E-04	9.72E-03	2.80E-02
837	490686.72, 3860635.12	1.90E-02	8.46E-04	4.67E-03	2.28E-03	1.02E-04	9.53E-03	2.31E-06	0.03646604	1.03E-02	8.46E-04	4.67E-03	2.28E-03	1.02E-04	1.68E-04	9.53E-03	2.79E-02
838	490736.72, 3860635.12	1.88E-02	8.72E-04	4.79E-03	2.26E-03	1.02E-04	9.35E-03	2.28E-06	0.03622264	1.02E-02	8.72E-04	4.79E-03	2.26E-03	1.02E-04	1.68E-04	9.35E-03	2.78E-02
839	490786.72, 3860635.12	1.87E-02	9.01E-04	4.94E-03	2.25E-03	1.01E-04	9.18E-03	2.26E-06	0.03604769	1.02E-02	9.01E-04	4.94E-03	2.25E-03	1.01E-04	1.67E-04	9.18E-03	2.77E-02
840	490136.72, 3860685.12	2.09E-02	6.26E-04	3.38E-03	2.36E-03	1.00E-04	1.15E-02	2.55E-06	0.03882892	1.09E-02	6.26E-04	3.38E-03	2.36E-03	1.00E-04	1.59E-04	1.15E-02	2.90E-02
841	490186.72, 3860685.12	2.06E-02	6.38E-04	3.48E-03	2.37E-03	1.01E-04	1.12E-02	2.52E-06	0.03834632	1.08E-02	6.38E-04	3.48E-03	2.37E-03	1.01E-04	1.60E-04	1.12E-02	2.87E-02
842	490236.72, 3860685.12	2.02E-02	6.52E-04	3.53E-03	2.35E-03	1.00E-04	1.09E-02	2.48E-06	0.03773086	1.06E-02	6.52E-04	3.53E-03	2.35E-03	1.00E-04	1.60E-04	1.09E-02	2.83E-02
843	490286.72, 3860685.12	1.98E-02	6.65E-04	3.56E-03	2.33E-03	9.98E-05	1.07E-02	2.43E-06	0.03709379	1.04E-02	6.65E-04	3.56E-03	2.33E-03	9.98E-05	1.59E-04	1.07E-02	2.79E-02
844	490336.72, 3860685.12	1.95E-02	6.80E-04	3.66E-03	2.33E-03	1.00E-04	1.04E-02	2.41E-06	0.03670366	1.03E-02	6.80E-04	3.66E-03	2.33E-03	1.00E-04	1.61E-04	1.04E-02	2.77E-02
845	490386.72, 3860685.12	1.92E-02	6.96E-04	3.75E-03	2.32E-03	1.00E-04	1.02E-02	2.38E-06	0.03631622	1.02E-02	6.96E-04	3.75E-03	2.32E-03	1.00E-04	1.61E-04	1.02E-02	2.75E-02
846	490436.72, 3860685.12	1.90E-02	7.12E-04	3.83E-03	2.30E-03	1.00E-04	1.00E-02	2.35E-06	0.03591828	1.01E-02	7.12E-04	3.83E-03	2.30E-03	1.00E-04	1.62E-04	1.00E-02	2.72E-02
847	490486.72, 3860685.12	1.87E-02	7.29E-04	3.91E-03	2.29E-03	1.00E-04	9.81E-03	2.33E-06	0.03556432	1.00E-02	7.29E-04	3.91E-03	2.29E-03	1.00E-04	1.63E-04	9.81E-03	2.70E-02
848	490536.72, 3860685.12	1.85E-02	7.47E-04	4.02E-03	2.28E-03	1.00E-04	9.62E-03	2.31E-06	0.03526836	9.92E-03	7.47E-04	4.02E-03	2.28E-03	1.00E-04	1.63E-04	9.62E-03	2.69E-02
849	490586.72, 3860685.12	1.83E-02	7.67E-04	4.12E-03	2.27E-03	1.00E-04	9.45E-03	2.28E-06	0.03501054	9.85E-03	7.67E-04	4.12E-03	2.27E-03	1.00E-04	1.64E-04	9.45E-03	2.67E-02
850	490636.72, 3860685.12	1.81E-02	7.88E-04	4.24E-03	2.25E-03	1.00E-04	9.28E-03	2.26E-06	0.03478031	9.79E-03	7.88E-04	4.24E-03	2.25E-03	1.00E-04	1.64E-04	9.28E-03	2.66E-02
851	490686.72, 3860685.12	1.80E-02	8.10E-04	4.36E-03	2.24E-03	1.00E-04	9.12E-03	2.24E-06	0.03459775	9.74E-03	8.10E-04	4.36E-03	2.24E-03	1.00E-04	1.65E-04	9.12E-03	2.65E-02
852	490736.72, 3860685.12	1.78E-02	8.34E-04	4.47E-03	2.23E-03	9.97E-05	8.95E-03	2.22E-06	0.0343835	9.69E-03	8.34E-04	4.47E-03	2.23E-03	9.97E-05	1.65E-04	8.95E-03	2.64E-02
853	490786.72, 3860685.12	1.77E-02	8.60E-04	4.62E-03	2.21E-03	9.95E-05	8.81E-03	2.20E-06	0.03426299	9.65E-03	8.60E-04	4.62E-03	2.21E-03	9.95E-05	1.65E-04	8.81E-03	2.64E-02
854	490136.72, 3860735.12	1.93E-02	6.02E-04	3.16E-03	2.30E-03	9.71E-05	1.07E-02	2.47E-06	0.03614547	1.01E-02	6.02E-04	3.16E-03	2.30E-03	9.71E-05	1.54E-04	1.07E-02	2.71E-02

855	490186.72, 3860735.12	1.90E-02	6.13E-04	3.22E-03	2.29E-03	9.71E-05	1.05E-02	2.43E-06	0.03565763	9.99E-03	6.13E-04	3.22E-03	2.29E-03	9.71E-05	1.54E-04	1.05E-02	2.68E-02
856	490236.72, 3860735.12	1.87E-02	6.26E-04	3.29E-03	2.29E-03	9.72E-05	1.02E-02	2.40E-06	0.03523181	9.87E-03	6.26E-04	3.29E-03	2.29E-03	9.72E-05	1.55E-04	1.02E-02	2.66E-02
857	490286.72, 3860735.12	1.84E-02	6.39E-04	3.36E-03	2.28E-03	9.73E-05	1.00E-02	2.37E-06	0.0348539	9.76E-03	6.39E-04	3.36E-03	2.28E-03	9.73E-05	1.56E-04	1.00E-02	2.63E-02
858	490336.72, 3860735.12	1.82E-02	6.53E-04	3.44E-03	2.28E-03	9.75E-05	9.85E-03	2.34E-06	0.03449654	9.65E-03	6.53E-04	3.44E-03	2.28E-03	9.75E-05	1.56E-04	9.85E-03	2.61E-02
859	490386.72, 3860735.12	1.80E-02	6.68E-04	3.53E-03	2.27E-03	9.77E-05	9.67E-03	2.31E-06	0.03420027	9.57E-03	6.68E-04	3.53E-03	2.27E-03	9.77E-05	1.57E-04	9.67E-03	2.60E-02
860	490436.72, 3860735.12	1.78E-02	6.85E-04	3.63E-03	2.27E-03	9.81E-05	9.51E-03	2.30E-06	0.03397371	9.50E-03	6.85E-04	3.63E-03	2.27E-03	9.81E-05	1.58E-04	9.51E-03	2.58E-02
861	490486.72, 3860735.12	1.76E-02	7.01E-04	3.70E-03	2.25E-03	9.80E-05	9.32E-03	2.27E-06	0.0336501	9.41E-03	7.01E-04	3.70E-03	2.25E-03	9.80E-05	1.59E-04	9.32E-03	2.57E-02
862	490536.72, 3860735.12	1.74E-02	7.17E-04	3.76E-03	2.24E-03	9.77E-05	9.14E-03	2.24E-06	0.03331625	9.34E-03	7.17E-04	3.76E-03	2.24E-03	9.77E-05	1.59E-04	9.14E-03	2.54E-02
863	490586.72, 3860735.12	1.72E-02	7.35E-04	3.84E-03	2.22E-03	9.77E-05	8.97E-03	2.22E-06	0.03306508	9.27E-03	7.35E-04	3.84E-03	2.22E-03	9.77E-05	1.60E-04	8.97E-03	2.53E-02
864	490636.72, 3860735.12	1.70E-02	7.55E-04	3.94E-03	2.21E-03	9.77E-05	8.82E-03	2.20E-06	0.03286564	9.22E-03	7.55E-04	3.94E-03	2.21E-03	9.77E-05	1.60E-04	8.82E-03	2.52E-02
865	490686.72, 3860735.12	1.69E-02	7.76E-04	4.06E-03	2.20E-03	9.77E-05	8.69E-03	2.18E-06	0.03273048	9.18E-03	7.76E-04	4.06E-03	2.20E-03	9.77E-05	1.61E-04	8.69E-03	2.52E-02
866	490736.72, 3860735.12	1.68E-02	7.99E-04	4.18E-03	2.19E-03	9.77E-05	8.55E-03	2.16E-06	0.03261876	9.16E-03	7.99E-04	4.18E-03	2.19E-03	9.77E-05	1.61E-04	8.55E-03	2.51E-02
867	490136.72, 3860785.12	1.78E-02	5.77E-04	2.98E-03	2.23E-03	9.43E-05	9.95E-03	2.40E-06	0.03362849	9.37E-03	5.77E-04	2.98E-03	2.23E-03	9.43E-05	1.50E-04	9.95E-03	2.54E-02
868	490186.72, 3860785.12	1.76E-02	5.89E-04	3.04E-03	2.24E-03	9.45E-05	9.77E-03	2.37E-06	0.03328669	9.27E-03	5.89E-04	3.04E-03	2.24E-03	9.45E-05	1.50E-04	9.77E-03	2.51E-02
869	490236.72, 3860785.12	1.73E-02	6.01E-04	3.10E-03	2.23E-03	9.46E-05	9.59E-03	2.33E-06	0.0329474	9.17E-03	6.01E-04	3.10E-03	2.23E-03	9.46E-05	1.51E-04	9.59E-03	2.49E-02
870	490286.72, 3860785.12	1.71E-02	6.13E-04	3.17E-03	2.23E-03	9.47E-05	9.42E-03	2.30E-06	0.03264699	9.08E-03	6.13E-04	3.17E-03	2.23E-03	9.47E-05	1.51E-04	9.42E-03	2.48E-02
871	490336.72, 3860785.12	1.69E-02	6.27E-04	3.23E-03	2.23E-03	9.48E-05	9.26E-03	2.27E-06	0.03236789	9.01E-03	6.27E-04	3.23E-03	2.23E-03	9.48E-05	1.52E-04	9.26E-03	2.46E-02
872	490386.72, 3860785.12	1.68E-02	6.41E-04	3.32E-03	2.22E-03	9.52E-05	9.12E-03	2.25E-06	0.03216225	8.95E-03	6.41E-04	3.32E-03	2.22E-03	9.52E-05	1.53E-04	9.12E-03	2.45E-02
873	490436.72, 3860785.12	1.66E-02	6.56E-04	3.39E-03	2.22E-03	9.53E-05	8.96E-03	2.23E-06	0.03192674	8.89E-03	6.56E-04	3.39E-03	2.22E-03	9.53E-05	1.54E-04	8.96E-03	2.44E-02
874	490486.72, 3860785.12	1.65E-02	6.72E-04	3.48E-03	2.21E-03	9.56E-05	8.83E-03	2.21E-06	0.03174928	8.84E-03	6.72E-04	3.48E-03	2.21E-03	9.56E-05	1.55E-04	8.83E-03	2.43E-02
875	490536.72, 3860785.12	1.63E-02	6.88E-04	3.55E-03	2.20E-03	9.55E-05	8.67E-03	2.19E-06	0.0315048	8.78E-03	6.88E-04	3.55E-03	2.20E-03	9.55E-05	1.55E-04	8.67E-03	2.41E-02
876	490586.72, 3860785.12	1.61E-02	7.04E-04	3.60E-03	2.18E-03	9.53E-05	8.51E-03	2.16E-06	0.03123674	8.72E-03	7.04E-04	3.60E-03	2.18E-03	9.53E-05	1.56E-04	8.51E-03	2.40E-02
877	490636.72, 3860785.12	1.60E-02	7.23E-04	3.67E-03	2.17E-03	9.53E-05	8.38E-03	2.13E-06	0.03105723	8.69E-03	7.23E-04	3.67E-03	2.17E-03	9.53E-05	1.56E-04	8.38E-03	2.39E-02
878	490686.72, 3860785.12	1.59E-02	7.42E-04	3.77E-03	2.16E-03	9.53E-05	8.25E-03	2.12E-06	0.03091475	8.65E-03	7.42E-04	3.77E-03	2.16E-03	9.53E-05	1.57E-04	8.25E-03	2.38E-02
879	490736.72, 3860785.12	1.58E-02	7.64E-04	3.88E-03	2.15E-03	9.54E-05	8.14E-03	2.10E-06	0.03083821	8.63E-03	7.64E-04	3.88E-03	2.15E-03	9.54E-05	1.58E-04	8.14E-03	2.38E-02
880	490086.72, 3860835.12	1.66E-02	5.44E-04	2.77E-03	2.18E-03	9.18E-05	9.40E-03	2.39E-06	0.03159344	8.76E-03	5.44E-04	2.77E-03	2.18E-03	9.18E-05	1.46E-04	9.40E-03	2.39E-02
881	490136.72, 3860835.12	1.64E-02	5.55E-04	2.83E-03	2.18E-03	9.21E-05	9.27E-03	2.35E-06	0.03135621	8.68E-03	5.55E-04	2.83E-03	2.18E-03	9.21E-05	1.47E-04	9.27E-03	2.38E-02
882	490186.72, 3860835.12	1.62E-02	5.65E-04	2.88E-03	2.18E-03	9.21E-05	9.11E-03	2.31E-06	0.03107771	8.60E-03	5.65E-04	2.88E-03	2.18E-03	9.21E-05	1.47E-04	9.11E-03	2.36E-02
883	490236.72, 3860835.12	1.61E-02	5.77E-04	2.93E-03	2.18E-03	9.22E-05	8.97E-03	2.27E-06	0.03081404	8.53E-03	5.77E-04	2.93E-03	2.18E-03	9.22E-05	1.47E-04	8.97E-03	2.34E-02
884	490286.72, 3860835.12	1.59E-02	5.89E-04	3.00E-03	2.18E-03	9.23E-05	8.83E-03	2.24E-06	0.03060076	8.47E-03	5.89E-04	3.00E-03	2.18E-03	9.23E-05	1.48E-04	8.83E-03	2.33E-02
885	490336.72, 3860835.12	1.58E-02	6.01E-04	3.05E-03	2.18E-03	9.24E-05	8.70E-03	2.22E-06	0.03037269	8.41E-03	6.01E-04	3.05E-03	2.18E-03	9.24E-05	1.48E-04	8.70E-03	2.32E-02
886	490386.72, 3860835.12	1.56E-02	6.14E-04	3.11E-03	2.17E-03	9.26E-05	8.56E-03	2.19E-06	0.03017459	8.36E-03	6.14E-04	3.11E-03	2.17E-03	9.26E-05	1.49E-04	8.56E-03	2.31E-02
887	490436.72, 3860835.12	1.55E-02	6.29E-04	3.19E-03	2.17E-03	9.28E-05	8.44E-03	2.17E-06	0.03002035	8.32E-03	6.29E-04	3.19E-03	2.17E-03	9.28E-05	1.50E-04	8.44E-03	2.30E-02
888	490486.72, 3860835.12	1.54E-02	6.43E-04	3.26E-03	2.16E-03	9.30E-05	8.32E-03	2.15E-06	0.0298636	8.28E-03	6.43E-04	3.26E-03	2.16E-03	9.30E-05	1.51E-04	8.32E-03	2.29E-02
889	490536.72, 3860835.12	1.53E-02	6.59E-04	3.33E-03	2.16E-03	9.31E-05	8.20E-03	2.13E-06	0.0296969	8.24E-03	6.59E-04	3.33E-03	2.16E-03	9.31E-05	1.51E-04	8.20E-03	2.28E-02
890	490586.72, 3860835.12	1.52E-02	6.75E-04	3.39E-03	2.14E-03	9.31E-05	8.07E-03	2.10E-06	0.02952622	8.21E-03	6.75E-04	3.39E-03	2.14E-03	9.31E-05	1.52E-04	8.07E-03	2.27E-02
891	490636.72, 3860835.12	1.50E-02	6.92E-04	3.45E-03	2.13E-03	9.30E-05	7.95E-03	2.08E-06	0.02935231	8.17E-03	6.92E-04	3.45E-03	2.13E-03	9.30E-05	1.53E-04	7.95E-03	2.26E-02
892	490686.72, 3860835.12	1.50E-02	7.10E-04	3.53E-03	2.12E-03	9.31E-05	7.84E-03	2.06E-06	0.02924449	8.15E-03	7.10E-04	3.53E-03	2.12E-03	9.31E-05	1.53E-04	7.84E-03	2.26E-02
893	490736.72, 3860835.12	1.49E-02	7.31E-04	3.62E-03	2.11E-03	9.32E-05	7.74E-03	2.05E-06	0.02917617	8.14E-03	7.31E-04	3.62E-03	2.11E-03	9.32E-05	1.54E-04	7.74E-03	2.26E-02
894	490086.72, 3860885.12	1.53E-02	5.25E-04	2.64E-03	2.13E-03	8.97E-05	8.72E-03	2.34E-06	0.02941499	8.10E-03	5.25E-04	2.64E-03	2.13E-03	8.97E-05	1.43E-04	8.72E-03	2.23E-02
895	490136.72, 3860885.12	1.52E-02	5.35E-04	2.69E-03	2.13E-03	8.98E-05	8.61E-03	2.29E-06	0.0292193	8.04E-03	5.35E-04	2.69E-03	2.13E-03	8.98E-05	1.43E-04	8.61E-03	2.22E-02
896	490186.72, 3860885.12	1.50E-02	5.45E-04	2.74E-03	2.13E-03	8.99E-05	8.50E-03	2.26E-06	0.02902942	7.98E-03	5.45E-04	2.74E-03	2.13E-03	8.99E-05	1.44E-04	8.50E-03	2.21E-02
897	490236.72, 3860885.12	1.49E-02	5.56E-04	2.79E-03	2.13E-03	9.00E-05	8.38E-03	2.22E-06	0.02884775	7.93E-03	5.56E-04	2.79E-03	2.13E-03	9.00E-05	1.44E-04	8.38E-03	2.20E-02
898	490286.72, 3860885.12	1.48E-02	5.66E-04	2.84E-03	2.13E-03	9.01E-05	8.27E-03	2.19E-06	0.02866609	7.88E-03	5.66E-04	2.84E-03	2.13E-03	9.01E-05	1.44E-04	8.27E-03	2.19E-02
899	490336.72, 3860885.12	1.47E-02	5.78E-04	2.89E-03	2.13E-03	9.01E-05	8.16E-03	2.16E-06	0.028494	7.84E-03	5.78E-04	2.89E-03	2.13E-03	9.01E-05	1.45E-04	8.16E-03	2.18E-02
900	490386.72, 3860885.12	1.46E-02	5.90E-04	2.95E-03	2.13E-03	9.03E-05	8.05E-03	2.14E-06	0.02836328	7.81E-03	5.90E-04	2.95E-03	2.13E-03	9.03E-05	1.45E-04	8.05E-03	2.18E-02
901	490436.72, 3860885.12	1.45E-02	6.03E-04	3.01E-03	2.13E-03	9.05E-05	7.95E-03	2.12E-06	0.02824438	7.78E-03	6.03E-04	3.01E-03	2.13E-03	9.05E-05	1.46E-04	7.95E-03	2.17E-02
902	490486.72, 3860885.12	1.44E-02	6.17E-04	3.07E-03	2.12E-03	9.07E-05	7.85E-03	2.10E-06	0.02812917	7.76E-03	6.17E-04	3.07E-03	2.12E-03	9.07E-05	1.47E-04	7.85E-03	2.17E-02
903	490536.72, 3860885.12	1.43E-02	6.31E-04	3.13E-03	2.11E-03	9.08E-05	7.74E-03	2.07E-06	0.02799868	7.73E-03	6.31E-04	3.13E-03	2.11E-03	9.08E-05	1.48E-04	7.74E-03	2.16E-02
904	490586.72, 3860885.12	1.42E-02	6.46E-04	3.19E-03	2.11E-03	9.08E-05	7.64E-03	2.05E-06	0.02786079	7.70E-03	6.46E-04	3.19E-03	2.11E-03	9.08E-05	1.48E-04	7.64E-03	2.15E-02
905	490636.72, 3860885.12	1.41E-02	6.61E-04	3.24E-03	2.09E-03	9.08E-05	7.53E-03	2.03E-06	0.02773659	7.69E-03	6.61E-04	3.24E-03	2.09E-03	9.08E-05	1.49E-04	7.53E-03	2.15E-02
906	490686.72, 3860885.12	1.40E-02	6.78E-04	3.30E-03	2.08E-03	9.09E-05	7.43E-03	2.01E-06	0.02763223	7.67E-03	6.78E-04	3.30E-03	2.08E-03	9.09E-05	1.50E-04	7.43E-03	2.14E-02
907	490736.72, 3860885.12	1.40E-02	6.97E-04	3.37E-03	2.07E-03	9.09E-05	7.34E-03	1.99E-06	0.02754664	7.66E-03	6.97E-04	3.37E-03	2.07E-03	9.09E-05	1.50E-04	7.34E-03	2.14E-02
908	490086.72, 3860935.12	1.41E-02	5.07E-04	2.51E-03	2.07E-03	8.75E-05	8.08E-03	2.29E-06	0.02737691	7.49E-03	5.07E-04	2.51E-03	2.07E-03	8.75E-05	1.40E-04	8.08E-03	2.09E-02

909	490136.72, 3860935.12	1.40E-02	5.17E-04	2.55E-03	2.08E-03	8.75E-05	7.99E-03	2.24E-06	0.0272229	7.45E-03	5.17E-04	2.55E-03	2.08E-03	8.75E-05	1.40E-04	7.99E-03	2.08E-02
910	490186.72, 3860935.12	1.39E-02	5.26E-04	2.60E-03	2.08E-03	8.76E-05	7.91E-03	2.20E-06	0.02711315	7.42E-03	5.26E-04	2.60E-03	2.08E-03	8.76E-05	1.40E-04	7.91E-03	2.08E-02
911	490236.72, 3860935.12	1.38E-02	5.36E-04	2.64E-03	2.08E-03	8.78E-05	7.83E-03	2.17E-06	0.02699963	7.38E-03	5.36E-04	2.64E-03	2.08E-03	8.78E-05	1.41E-04	7.83E-03	2.07E-02
912	490286.72, 3860935.12	1.37E-02	5.46E-04	2.69E-03	2.08E-03	8.79E-05	7.74E-03	2.14E-06	0.02688908	7.35E-03	5.46E-04	2.69E-03	2.08E-03	8.79E-05	1.41E-04	7.74E-03	2.07E-02
913	490336.72, 3860935.12	1.36E-02	5.56E-04	2.74E-03	2.08E-03	8.80E-05	7.65E-03	2.11E-06	0.02675716	7.32E-03	5.56E-04	2.74E-03	2.08E-03	8.80E-05	1.41E-04	7.65E-03	2.06E-02
914	490386.72, 3860935.12	1.36E-02	5.68E-04	2.79E-03	2.08E-03	8.82E-05	7.57E-03	2.09E-06	0.02667087	7.30E-03	5.68E-04	2.79E-03	2.08E-03	8.82E-05	1.42E-04	7.57E-03	2.05E-02
915	490436.72, 3860935.12	1.35E-02	5.80E-04	2.85E-03	2.08E-03	8.84E-05	7.49E-03	2.07E-06	0.02658718	7.28E-03	5.80E-04	2.85E-03	2.08E-03	8.84E-05	1.43E-04	7.49E-03	2.05E-02
916	490486.72, 3860935.12	1.34E-02	5.92E-04	2.90E-03	2.08E-03	8.85E-05	7.40E-03	2.05E-06	0.0264865	7.27E-03	5.92E-04	2.90E-03	2.08E-03	8.85E-05	1.43E-04	7.40E-03	2.05E-02
917	490536.72, 3860935.12	1.34E-02	6.05E-04	2.95E-03	2.07E-03	8.86E-05	7.31E-03	2.03E-06	0.02640901	7.25E-03	6.05E-04	2.95E-03	2.07E-03	8.86E-05	1.44E-04	7.31E-03	2.04E-02
918	490586.72, 3860935.12	1.33E-02	6.19E-04	3.00E-03	2.07E-03	8.87E-05	7.22E-03	2.00E-06	0.02630339	7.24E-03	6.19E-04	3.00E-03	2.07E-03	8.87E-05	1.45E-04	7.22E-03	2.04E-02
919	490636.72, 3860935.12	1.32E-02	6.34E-04	3.05E-03	2.06E-03	8.87E-05	7.13E-03	1.98E-06	0.02620146	7.22E-03	6.34E-04	3.05E-03	2.06E-03	8.87E-05	1.45E-04	7.13E-03	2.03E-02
920	490686.72, 3860935.12	1.32E-02	6.49E-04	3.10E-03	2.05E-03	8.88E-05	7.05E-03	1.96E-06	0.02612667	7.22E-03	6.49E-04	3.10E-03	2.05E-03	8.88E-05	1.46E-04	7.05E-03	2.03E-02
921	490736.72, 3860935.12	1.31E-02	6.66E-04	3.16E-03	2.04E-03	8.88E-05	6.96E-03	1.94E-06	0.02604407	7.21E-03	6.66E-04	3.16E-03	2.04E-03	8.88E-05	1.47E-04	6.96E-03	2.03E-02
922	490786.72, 3860935.12	1.31E-02	6.84E-04	3.21E-03	2.03E-03	8.88E-05	6.89E-03	1.92E-06	0.02598547	7.21E-03	6.84E-04	3.21E-03	2.03E-03	8.88E-05	1.47E-04	6.89E-03	2.03E-02
923	490836.72, 3860935.12	1.31E-02	7.04E-04	3.28E-03	2.02E-03	8.90E-05	6.82E-03	1.91E-06	0.02597699	7.22E-03	7.04E-04	3.28E-03	2.02E-03	8.90E-05	1.48E-04	6.82E-03	2.03E-02
924	490086.72, 3860985.12	1.30E-02	4.92E-04	2.40E-03	2.03E-03	8.55E-05	7.51E-03	2.24E-06	0.02555346	6.95E-03	4.92E-04	2.40E-03	2.03E-03	8.55E-05	1.38E-04	7.51E-03	1.96E-02
925	490136.72, 3860985.12	1.30E-02	5.00E-04	2.44E-03	2.03E-03	8.56E-05	7.44E-03	2.20E-06	0.02547179	6.93E-03	5.00E-04	2.44E-03	2.03E-03	8.56E-05	1.38E-04	7.44E-03	1.96E-02
926	490186.72, 3860985.12	1.29E-02	5.09E-04	2.48E-03	2.03E-03	8.57E-05	7.39E-03	2.16E-06	0.02540785	6.91E-03	5.09E-04	2.48E-03	2.03E-03	8.57E-05	1.38E-04	7.39E-03	1.95E-02
927	490236.72, 3860985.12	1.28E-02	5.17E-04	2.52E-03	2.03E-03	8.57E-05	7.31E-03	2.12E-06	0.02531034	6.89E-03	5.17E-04	2.52E-03	2.03E-03	8.57E-05	1.38E-04	7.31E-03	1.95E-02
928	490286.72, 3860985.12	1.28E-02	5.27E-04	2.56E-03	2.03E-03	8.58E-05	7.24E-03	2.09E-06	0.0252287	6.87E-03	5.27E-04	2.56E-03	2.03E-03	8.58E-05	1.38E-04	7.24E-03	1.95E-02
929	490336.72, 3860985.12	1.27E-02	5.37E-04	2.60E-03	2.04E-03	8.59E-05	7.17E-03	2.07E-06	0.0251505	6.85E-03	5.37E-04	2.60E-03	2.04E-03	8.59E-05	1.38E-04	7.17E-03	1.94E-02
930	490386.72, 3860985.12	1.27E-02	5.47E-04	2.65E-03	2.04E-03	8.61E-05	7.11E-03	2.04E-06	0.02508033	6.83E-03	5.47E-04	2.65E-03	2.04E-03	8.61E-05	1.39E-04	7.11E-03	1.94E-02
931	490436.72, 3860985.12	1.26E-02	5.59E-04	2.70E-03	2.04E-03	8.63E-05	7.05E-03	2.02E-06	0.02505868	6.83E-03	5.59E-04	2.70E-03	2.04E-03	8.63E-05	1.39E-04	7.05E-03	1.94E-02
932	490486.72, 3860985.12	1.26E-02	5.70E-04	2.74E-03	2.04E-03	8.64E-05	6.97E-03	2.00E-06	0.02497869	6.82E-03	5.70E-04	2.74E-03	2.04E-03	8.64E-05	1.40E-04	6.97E-03	1.94E-02
933	490536.72, 3860985.12	1.25E-02	5.82E-04	2.79E-03	2.03E-03	8.65E-05	6.90E-03	1.98E-06	0.02490481	6.81E-03	5.82E-04	2.79E-03	2.03E-03	8.65E-05	1.40E-04	6.90E-03	1.93E-02
934	490586.72, 3860985.12	1.25E-02	5.95E-04	2.83E-03	2.03E-03	8.66E-05	6.82E-03	1.95E-06	0.02482425	6.80E-03	5.95E-04	2.83E-03	2.03E-03	8.66E-05	1.41E-04	6.82E-03	1.93E-02
935	490636.72, 3860985.12	1.24E-02	6.08E-04	2.88E-03	2.02E-03	8.67E-05	6.75E-03	1.93E-06	0.02476809	6.80E-03	6.08E-04	2.88E-03	2.02E-03	8.67E-05	1.42E-04	6.75E-03	1.93E-02
936	490686.72, 3860985.12	1.24E-02	6.22E-04	2.92E-03	2.01E-03	8.67E-05	6.68E-03	1.91E-06	0.02470036	6.79E-03	6.22E-04	2.92E-03	2.01E-03	8.67E-05	1.42E-04	6.68E-03	1.92E-02
937	490736.72, 3860985.12	1.23E-02	6.37E-04	2.96E-03	2.00E-03	8.68E-05	6.60E-03	1.89E-06	0.02463579	6.79E-03	6.37E-04	2.96E-03	2.00E-03	8.68E-05	1.43E-04	6.60E-03	1.92E-02
938	490786.72, 3860985.12	1.23E-02	6.53E-04	3.00E-03	1.99E-03	8.68E-05	6.54E-03	1.87E-06	0.02459135	6.80E-03	6.53E-04	3.00E-03	1.99E-03	8.68E-05	1.44E-04	6.54E-03	1.92E-02
939	490836.72, 3860985.12	1.23E-02	6.71E-04	3.06E-03	1.98E-03	8.70E-05	6.48E-03	1.86E-06	0.02456523	6.80E-03	6.71E-04	3.06E-03	1.98E-03	8.70E-05	1.44E-04	6.48E-03	1.92E-02
940	490086.72, 3861035.12	1.21E-02	4.77E-04	2.29E-03	1.98E-03	8.35E-05	6.98E-03	2.20E-06	0.02390652	6.47E-03	4.77E-04	2.29E-03	1.98E-03	8.35E-05	1.35E-04	6.98E-03	1.84E-02
941	490136.72, 3861035.12	1.20E-02	4.85E-04	2.33E-03	1.98E-03	8.36E-05	6.93E-03	2.16E-06	0.02385857	6.46E-03	4.85E-04	2.33E-03	1.98E-03	8.36E-05	1.35E-04	6.93E-03	1.84E-02
942	490186.72, 3861035.12	1.20E-02	4.93E-04	2.36E-03	1.98E-03	8.37E-05	6.89E-03	2.12E-06	0.02380216	6.44E-03	4.93E-04	2.36E-03	1.98E-03	8.37E-05	1.35E-04	6.89E-03	1.84E-02
943	490236.72, 3861035.12	1.20E-02	5.02E-04	2.40E-03	1.99E-03	8.38E-05	6.84E-03	2.08E-06	0.02377002	6.44E-03	5.02E-04	2.40E-03	1.99E-03	8.38E-05	1.35E-04	6.84E-03	1.84E-02
944	490286.72, 3861035.12	1.19E-02	5.10E-04	2.43E-03	1.99E-03	8.39E-05	6.78E-03	2.05E-06	0.02369964	6.42E-03	5.10E-04	2.43E-03	1.99E-03	8.39E-05	1.35E-04	6.78E-03	1.84E-02
945	490336.72, 3861035.12	1.19E-02	5.19E-04	2.47E-03	1.99E-03	8.39E-05	6.73E-03	2.02E-06	0.02365046	6.41E-03	5.19E-04	2.47E-03	1.99E-03	8.39E-05	1.35E-04	6.73E-03	1.83E-02
946	490386.72, 3861035.12	1.18E-02	5.29E-04	2.51E-03	1.99E-03	8.41E-05	6.68E-03	2.00E-06	0.0236342	6.41E-03	5.29E-04	2.51E-03	1.99E-03	8.41E-05	1.36E-04	6.68E-03	1.83E-02
947	490436.72, 3861035.12	1.18E-02	5.39E-04	2.56E-03	2.00E-03	8.44E-05	6.63E-03	1.98E-06	0.02362596	6.41E-03	5.39E-04	2.56E-03	2.00E-03	8.44E-05	1.36E-04	6.63E-03	1.84E-02
948	490486.72, 3861035.12	1.18E-02	5.50E-04	2.60E-03	1.99E-03	8.45E-05	6.58E-03	1.96E-06	0.02358404	6.41E-03	5.50E-04	2.60E-03	1.99E-03	8.45E-05	1.37E-04	6.58E-03	1.84E-02
949	490536.72, 3861035.12	1.17E-02	5.61E-04	2.64E-03	1.99E-03	8.45E-05	6.52E-03	1.94E-06	0.02352126	6.40E-03	5.61E-04	2.64E-03	1.99E-03	8.45E-05	1.37E-04	6.52E-03	1.83E-02
950	490586.72, 3861035.12	1.17E-02	5.73E-04	2.67E-03	1.99E-03	8.46E-05	6.45E-03	1.91E-06	0.02346794	6.40E-03	5.73E-04	2.67E-03	1.99E-03	8.46E-05	1.38E-04	6.45E-03	1.83E-02
951	490636.72, 3861035.12	1.17E-02	5.85E-04	2.71E-03	1.98E-03	8.46E-05	6.39E-03	1.89E-06	0.02341501	6.40E-03	5.85E-04	2.71E-03	1.98E-03	8.46E-05	1.38E-04	6.39E-03	1.83E-02
952	490686.72, 3861035.12	1.16E-02	5.97E-04	2.74E-03	1.97E-03	8.47E-05	6.32E-03	1.87E-06	0.02336272	6.40E-03	5.97E-04	2.74E-03	1.97E-03	8.47E-05	1.39E-04	6.32E-03	1.83E-02
953	490736.72, 3861035.12	1.16E-02	6.11E-04	2.78E-03	1.97E-03	8.48E-05	6.26E-03	1.85E-06	0.02331662	6.41E-03	6.11E-04	2.78E-03	1.97E-03	8.48E-05	1.40E-04	6.26E-03	1.82E-02
954	490786.72, 3861035.12	1.16E-02	6.26E-04	2.82E-03	1.96E-03	8.49E-05	6.21E-03	1.83E-06	0.02328338	6.41E-03	6.26E-04	2.82E-03	1.96E-03	8.49E-05	1.40E-04	6.21E-03	1.82E-02
955	490836.72, 3861035.12	1.16E-02	6.41E-04	2.86E-03	1.95E-03	8.50E-05	6.15E-03	1.82E-06	0.02325949	6.42E-03	6.41E-04	2.86E-03	1.95E-03	8.50E-05	1.41E-04	6.15E-03	1.82E-02
956	490086.72, 3861085.12	1.13E-02	4.63E-04	2.19E-03	1.93E-03	8.17E-05	6.50E-03	2.16E-06	0.02242331	6.05E-03	4.63E-04	2.19E-03	1.93E-03	8.17E-05	1.32E-04	6.50E-03	1.73E-02
957	490136.72, 3861085.12	1.12E-02	4.71E-04	2.23E-03	1.94E-03	8.19E-05	6.47E-03	2.12E-06	0.02242367	6.04E-03	4.71E-04	2.23E-03	1.94E-03	8.19E-05	1.33E-04	6.47E-03	1.74E-02
958	490186.72, 3861085.12	1.12E-02	4.79E-04	2.27E-03	1.94E-03	8.21E-05	6.45E-03	2.08E-06	0.02242834	6.04E-03	4.79E-04	2.27E-03	1.94E-03	8.21E-05	1.33E-04	6.45E-03	1.74E-02
959	490236.72, 3861085.12	1.12E-02	4.87E-04	2.29E-03	1.94E-03	8.21E-05	6.41E-03	2.05E-06	0.02237753	6.03E-03	4.87E-04	2.29E-03	1.94E-03	8.21E-05	1.33E-04	6.41E-03	1.74E-02
960	490286.72, 3861085.12	1.11E-02	4.95E-04	2.32E-03	1.95E-03	8.21E-05	6.36E-03	2.01E-06	0.02233277	6.02E-03	4.95E-04	2.32E-03	1.95E-03	8.21E-05	1.33E-04	6.36E-03	1.74E-02
961	490336.72, 3861085.12	1.11E-02	5.03E-04	2.35E-03	1.95E-03	8.21E-05	6.32E-03	1.98E-06	0.02230024	6.02E-03	5.03E-04	2.35E-03	1.95E-03	8.21E-05	1.33E-04	6.32E-03	1.74E-02
962	490386.72, 3861085.12	1.11E-02	5.12E-04	2.39E-03	1.95E-03	8.23E-05	6.29E-03	1.96E-06	0.02229761	6.02E-03	5.12E-04	2.39E-03	1.95E-03	8.23E-05	1.33E-04	6.29E-03	1.74E-02